PAUL E. JOSEPH BASEBALL STADIUM AND SPORT COMPLEX

ST. CROIX, U.S.V.I

PREPARED FOR

STEVEN E. HUTCHINS ARCHITECTS, INC.

100% CIVIL CONSTRUCTION PLANS

PROJECT LOCATION



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PROJECT: PAUL E. JOSEPH BASEBALL STADIUM AND SPORT COMPLEX ST. CROIX, U.S.V.I.

DRAWING INFORMATION: COVER

DATE: 05-08-2020
DRAWN BY: ANB

15-01-0015 Cov&Dets.dwg

SHEET NUMBER: C-1

PROFESSIONAL ENGINEER
RICHARD C. WELCH
679C-PE
RICHARD C. WELCH, P.E.
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Caribbean Sea

Remainder of Plot No. 100
See Drawing No. 5611

Plot No. 98
Drawing No. 761

Rotary Club
Plot No. 40-KA

Plot No. 40-KD

Plot No. 73
Frederiksted Country Club
Drawing No. 153

Road Plot No. 99

H20

Labled Buried Cable

Communications Manhole

N 80°59'22" E 286.82'

S 08°43'26" E 162.80'

30.0ft

Paved Roadway

63

Fence Line

N 80°32'08" E 414.31'

Building

Building

Building

Masonry Column
Called for on
Dwg. No. 761

40.14'

Sign on conc.

BUILDING

BUILDING

WOOD BUILDING

WOOD BUILDING

Metal Frame Bleechers on concrete foundation

Dilapidated pavement

Benches

Fence

Concrete

Covered Bleechers
F.F. = 9.25

MH4
Rim=3.53
Inv.W 6" cast=1.93
Inv.E 6" cast=1.84
Inv.N 3" cast=2.13

MH5
Rim=3.54
Inv.N.E 3" cast=2.34
Inv.E 6" cast=2.14
Inv.S.W 3" cast=2.69

MH6
Rim=4.20
Inv.N 6" cast=1.15
Inv.__ 6" cast=0.85

Communications Manhole

Please note the buried Cable Line

25.00'
N 81°16'34" E

Brass Disc
El. = 7.75

Plot No. 40-GF
Drawing No. 790

NOTE:
Communications Manhole

Bathrooms

Concrete Frame Bleechers

Clean-out

0.6' Wide poured concrete wall

Metal Frame Bleechers on substantial concrete foundation
Bleechers are currently being demolished

Paved Roadway over Parcel No. 40-D

Plot No. 40-GE
Drawing No. 790

Paved Roadway

N 19°29'17" W
Force Closure This Line
320.46'

Flood Zone AE (EL10)
FIRM 77G

MH7
Rim=4.18
Inv.N 6" cast=0.33
Inv.S 6" cast=0.28

Concrete Wall

ZONE AE delineation line

Dilapidated Fencing

Concrete Wall 0.60' wide

Indicates Overhead Electric

Plot No. 40-GA
Drawing No. 790

ARMY CORP
Brass Disc

Zone P
Ball Park
Parcel No. 40-D
See Drawing No. 44
510032.4 Sq. Feet
11.709 Acres
11.43 Acres Recorded

Flood Zone AE

Indicates
Light pole on Concrete Base

Fencing

Sign

Power Poles

Concrete Wall 0.60' wide

MH9
Rim=4.10
Inv.W 6" cast=-0.75
12" Main = -2.70

MH8
Rim=3.42
Inv.E 6" cast=-0.23
Inv.N 6" cast=-1.2

Can't open

Plot No. 40-GD
Drawing No. 44-A

MH17
Rim=6.12
Inv.N 6" pvc=3.99
Inv.S 6" pvc=3.07

Public Roadway

Water Line, December 2014

Plot No. 40-GB
Drawing No. 44-A

40.00'

N 29°42'33" W 248.10'

Building

MH16
Rim=4.63
Inv.N 6" pvc=0.98
Inv.E 6" pvc=0.98
Inv.W 3" pvc=0.98

MH10
Rim=4.21
Inv.N&S 12" cast=-1.60
Inv.W 6" PVC=-0.54

Roadway Slope

Indicates Overhead Electric

SMH
MH15
Rim=3.39
Shot in Center,
bottom @ el. = -0.26 pipe size 6"

MH14
Rim=3.84
Inv.W 8"=0.08
Inv.E 8"=-0.09
Inv.N= Clogged

Drainage Swale

Labled Buried Cable

Plot No. 40-KB

S 08°43'33" E 947.80'

S 08°43'26" E 807.22'

201.83'
N 17°55'33" W

40.00'

Remainder No. 40-GC
Drawing No. 44-A

Paved Roadway

SMH
MH11
Rim=4.27
Inv.S 3" PVC=-0.48
Inv.W 6" PVC=1.32

Remainder of Plot No. 40-KC
Drawing No. 2793

Plot No. 40-GCC
Drawing No. 44-A

Existing Fence
Top of Bank, Ditch

17.62'

NOTE:
Apparent Boundary Line Overlap

MH12
Rim=4.27
Inv.N 12" cast=-2.66
Inv.S 12" cast=-2.69
Inv.W 8" cast=-2.42

Existing Drainage Way

North Edge of Parking

South Edge of Parking

TOE Bank / Edge of Water

Edge of Parking

Part of Fort Frederik

Existing Drainage Way

Existing Fence
Top of Bank, Ditch

Drainage Swale

Communications Manhole

Drainage Pipe

BRIDGE

N 78°08'33" W 555.60'

PARKING

Bound Post / Disc
Labeled
"ARMY GPS SET GOOD"
Elevation = 5.42

MH13
Rim=4.6
Inv.N 12"=-3.2
Inv.S 12"=-2.7
Inv.S/E 6" cast=-2.16

Inlet

Inv. = -0.9
Inv. = -0.6

Paved Roadway

SMH

56.50'
S 57°05'26" E

BRIDGE

PARKING

Parcel No. 2
See Folio No. 486

40.90'

Water Line, December 2014

N

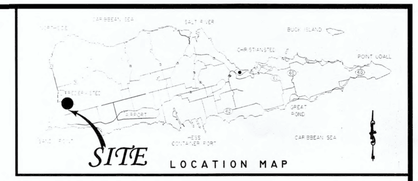
W E

S

GRID NORTH

Legend

- Utility Manhole
- Water meter
- Water valve
- Power Pole
- Light Pole
- Fencing
- Sanitary Manhole
- Fire Hydrant
- Handicap



Surveyor's Certification

The undersigned (Surveyor) hereby certifies unto: GEC, LLC
that (a) this Map of Land Survey and the field work on which it is based is true and correct to the best of my knowledge and belief, as prepared under my direction and supervision. (b) this Map of Survey was prepared in accordance with the Minimum Standard Detail Requirements. ; (c) all monuments shown hereon actually exist and the location, size, type and material thereof are correctly shown; (d) except as shown there are no encroachments onto the property or protrusions therefrom; (e) all observable aboveground evidence of buildings, structures, and other improvements situated on the premises are as shown; (f) the dimensions of all buildings on the premises and the distances therefrom are to the nearest facing boundary line; (g) shown and or noted, are all the observable evidence of easements on the ground; (h) this Survey correctly indicates the current zoning along with the applicable set-back restrictions established by Virgin Islands zoning law; (i) this Survey correctly and accurately shows the boundary lines, dimensions and areas of land indicated hereon.
Any differences between the record dimensions and the dimensions shown hereon are either field measurements, or adjusted to produce a mathematically closed figure.

(Signed) _____ (Seal)
Gary M. Bourdon, PLS
V.I. Registration No. 583 LS
Date: January 14, 2015

Surveyor's Notes:

1) Survey by Theodolite and EDM.
2) Survey is U.S. Measure.
3) Refer to O.L.G. Drawing No. 44, 2793, 5405 and Folios 486 & 487
4) Property is Zoned P
5) ■ = Bound Post Found
6) ◉ = Steel Pin Found
7) ● = Steel Pin Set
8) △ = Unmarked Corner
9) Underground utilities, if any, were not located for this Survey except as noted by surface features.

Special Note:

NOS DISC # 1584M Date 2011, was used as the Bench Mark for this topo.
Disc is located 221 ft. south of the southeast corner of the Frederiksted Pier
Disc elevation is 7.97 ft.
Top of Water shot off Disc, at 3:20 pm 12/10/2014 was el. 0.48

Also:

* Note overlapping boundary lines of Parcel No. 40-D & Parcel No. 2
* Note buried cable lines along the eastern portion of Parcel No. 40-D
* A communications manhole was found along the west line of Parcel No. 40-D
  The developer may consider contacting various agencies regarding underground utilities which may not be shown on this survey.
* The perimeter boundary lines of Parcel No. 40-D, as shown on Drawing No. 44, do not form a mathematical closure.
  Closure was forced along the western line of Parcel No. 40-D, having a length of 320.46' and a bearing of N 19° 29' 17" W.

Survey Services Co.
Professional Land Surveyors
27-28 King Cross Street
Christiansted
St. Croix
United States Virgin Islands
340-713-4555

As-Built and Topographic Survey
Parcel No. 40-D
Estate La Grange
Town of Frederiksted
West End Quarter
St. Croix, United States Virgin Islands

Date: January 14, 2015 Scale: 1" = 50'

Survey Services Co.
Professional Land Surveyors
27 - 28 King Cross Street, Christiansted
St. Croix, U.S.V.I. 00821
Phone: 340-713-4555 / 340-692-2365

File No.
SSC-11-184
Cad File 14-126-use.dwg
Sheet 1 of 2

GENERAL NOTES:

1. ALL WATER AND SEWER WORK SHALL BE DONE IN ACCORDANCE VI WAPA AND VIWMA DESIGN STANDARDS.
2. GENERAL NOTES SUPPLEMENT THE SPECIFICATIONS. SHOULD THESE DIFFER FROM THE SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT OF THE TWO SHALL PREVAIL.
3. ALL WORK SHALL COMPLY WITH APPLICABLE FEDERAL AND LOCAL CODES AND ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
4. ALL WORK SHALL BE PERFORMED IN A FINISHED AND WORKMANLIKE MANNER TO THE ENTIRE SATISFACTION OF THE OWNER AND IN ACCORDANCE WITH THE BEST RECOGNIZED TRADE PRACTICES.
5. THE ENGINEER SHALL HAVE A MINIMUM OF 48 HOURS NOTICE PRIOR TO STARTUP OF CONSTRUCTION.
6. DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ENGINEER MAY BE CAUSE FOR THE WORK TO BE UNACCEPTABLE TO THE ENGINEER.
7. THE EXISTING UTILITIES SHOWN ARE FOR REFERENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATION SHOWN AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT SHOWN, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE ENGINEER OR OWNER HAVE CONDUCTED NO SUBSURFACE INVESTIGATION.
8. ALL WORK PERFORMED WITHIN V.I. ROAD RIGHT-OF-WAY SHALL BE IN STRICT CONFORMANCE WITH APPLICABLE DEPARTMENT OF PUBLIC WORKS STANDARDS AND SPECIFICATIONS.
9. CONTRACTOR WARRANTS THAT HIS EMPLOYEES, AGENTS, AND SUBCONTRACTORS POSSESS THE EXPERIENCE, KNOWLEDGE AND CHARACTER NECESSARY TO QUALIFY THEM INDIVIDUALLY FOR THE PARTICULAR CONSTRUCTION TECHNIQUES THEY PERFORM IN CONNECTION WITH THE TASKS TO BE PERFORMED IN STRICT COMPLIANCE WITH ALL OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION), AND LOCAL HEALTH AND SAFETY CODES.
10. ALL FILL MATERIAL SHALL BE FREE OF ROOTS, ORGANIC MATERIAL, AND TRASH AND CONSIST ONLY OF ACCEPTABLE MATERIAL ALL EMBANKMENTS SHALL BE PLACED IN ACCORDANCE WITH THE LINES AND GRADES INDICATED ON THE PLANS. ALL TRENCH FILL MATERIAL SHALL BE COMPACTED TO MINIMUM OF 95% OF THE MAXIMUM LABORATORY DRY DENSITY IN ACCORDANCE WITH THE STANDARD PROCTOR COMPACTION TEST (ASTM D-698), UNLESS OTHERWISE INDICATED.
11. THE CONTRACTOR SHALL STAKE OUT THE WATER MAIN AT INTERVALS NOT TO EXCEED 100 FEET. PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, THE ENGINEER SHALL APPROVE THE WATER MAIN LOCATION.
12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INCORPORATE EROSION AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH EROSION CONTROL NOTES, EXCEPT WHERE DIRECTED OTHERWISE BY THE ENGINEER OR SHOWN ON THESE PLANS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO PRIVATE PROPERTY.
14. CONTRACTOR SHALL REGRADE AND REESTABLISH VEGETATIVE COVER IN NON-VEHICULAR AREAS AND REGRADE AND APPLY GRAVEL AND/OR TEMPORARY PAVEMENT (AS DIRECTED BY THE ENGINEER) TO VEHICULAR AREA AS SOON AS POSSIBLE FOR EROSION AND DUST CONTROL.
15. "AS-BUILT" DRAWINGS OF THE WATER LINE LOCATION ARE REQUIRED. LOCATIONS ARE TO BE FURNISHED BY THE CONTRACTOR.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHEETING AND SHORING EXCAVATIONS AS NECESSARY. THE REMOVAL OF SURFACE AND GROUNDWATER IN ORDER TO FACILITATE PROPER CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SHORING/SHEETING AND DEWATERING PLANS IF REQUIRED. PLANS SHALL BE PREPARED AND SIGNED BY A PROFESSIONAL ENGINEER.
17. THE CONTRACTOR IS TO LOCATE METER BOXES AS CLOSE TO THE PROPERTY BOUNDARY BETWEEN ADJACENT PROPERTIES OR AS CLOSE AS CONDITIONS ALLOW. ALL METER BOX LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
18. ANY PIPE SOLDER AND FLUX USED DURING INSTALLATION OF THE WATER LINES MUST BE "LEAD FREE" WITH NOT MORE THAN 8% LEAD IN PIPES AND FITTINGS AND NOT MORE THAN 0.2% LEAD IN SOLDER AND FLUX.
19. WHERE HORIZONTAL SEPARATION BETWEEN WATER AND SEWER LINES IS LESS THAN 10 FEET, WATER LINE SHALL BE 18" (MIN.) ABOVE THE SEWER LINE. TEST PITS ARE TO BE EXCAVATED TO DETERMINE GRADE REQUIRED TO INSTALL THE WATER LINE. WHERE PROPOSED WATER MAINS CROSS SEWER LINES, WATER MAINS SHALL BE LOCATED 18" MINIMUM ABOVE SEWER LINE. WHERE MINIMUM PIPE COVER AND CLEARANCE BETWEEN SEWER AND WATER MAINS CANNOT BE MAINTAINED, WATER MAIN SHALL BE ENCASED IN CONCRETE A MINIMUM OF 10' EITHER SIDE OF SEWER LINE.
20. PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATIONS OF EXISTING PIPELINES. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WITH ANY DISCREPANCIES FOUND BETWEEN FIELD CONDITIONS AND CONSTRUCTION DRAWINGS.
21. CONTRACTOR IS RESPONSIBLE FOR NOTIFICATIONS AND LIAISON WITH UTILITY COMPANIES FOR THE PROCESS OF LOCATING, RELOCATION, AND TIE-IN TO PUBLIC UTILITIES.
22. INFORMATION REGARDING THE DEPTH AND LOCATION OF UTILITIES ARE SHOWN FOR REFERENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES.
23. THE PROPOSED PIPELINE, VALVE, AND HYDRANT LOCATIONS ARE APPROXIMATE. FINAL LOCATIONS SHALL BE DETERMINED DURING CONSTRUCTION. LOCATIONS WILL BE GOVERNED BY THE ACTUAL LOCATION OF UNDERGROUND UTILITIES OR OTHER CONTROLLING FACTORS. ALL LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
24. AT CONNECTIONS BETWEEN THE PROPOSED MAIN AND EXISTING MAIN. THE MINIMUM COVER PROVIDED FOR THE CONNECTION PIPE SHALL BE NO LESS THAN THE COVER ON THE EXISTING MAIN AT THE CONNECTION.
25. EXCEPT WHERE OTHERWISE NOTED, 12" MINIMUM CLEARANCE SHALL BE PROVIDED BETWEEN THE WATER MAINS AND OTHER UTILITIES (EXCEPT SEWER) WHEN CROSSING. WHERE UTILITIES (EXCEPT SEWER) RUN PARALLEL. A MINIMUM OF 24 INCHES HORIZ. SHALL BE PROVIDED.
26. PIPING LAYOUTS ARE SHOWN GRAPHICALLY. ADDITIONAL FITTINGS MAY BE REQUIRED TO ATTAIN ROUTING. FITTINGS ARE TO BE FURNISHED AT NO ADDITIONAL COST TO OWNER.
27. WHERE NECESSARY TO REMOVE SIDEWALKS, CURBS, CATCH BASINS, CULVERTS OR DRAINS, TO COMPLETE THE WORK, THE CONTRACTOR SHALL REPLACE THEM TO THE SATISFACTION OF THE ENGINEER AS PART OF THE CONTRACT WORK.
28. THE CONTRACTOR SHALL SCHEDULE AND CONSOLIDATE WORK INVOLVING ALL EXISTING TRANSMISSION MAINS SO AS TO MINIMIZE THE PERIOD THE MAINS ARE OUT OF SERVICE.
29. THE CONTRACTOR SHALL PROVIDE A 14 DAY ADVANCE NOTICE PRIOR TO ANY WORK REQUIRING THE EXISTING MAINS TO BE OUT OF SERVICE.
30. ELEVATIONS SHOWN ON THE DRAWINGS ARE IN FEET.
31. ALL ASPHALT AND CONCRETE SHALL BE SAW CUT AND REMOVED NEATLY IN SECTIONS AS REQUIRED TO INSTALL THE NEW WATER LINES.
32. IF ANY SIDEWALK, DRIVEWAYS, FENCES, GUARDRAILS, CURBS, ETC. OR OTHER IMPROVEMENTS ARE REMOVED OR DAMAGED BY THE CONTRACTOR IN THE COURSE OF MAKING EXCAVATION OR HANDLING MATERIAL, OR FOR ANY OTHER REASON WHICH MAY BE ATTRIBUTED TO WORK WHICH HAS BEEN DONE BY THE CONTRACTOR, THEN HE SHALL REPAIR SAME AFTER ALL WORK (INCLUDING BACKFILLING) HAS BEEN COMPLETED. IF ANY STONE SIDEWALKS, DRIVEWAYS, OR CURBS WHICH HAVE BEEN REMOVED OR DAMAGED, ARE UNFIT TO BE RE-LAID, THEN THE CONTRACTOR SHALL FURNISH NEW MATERIAL AND RELAY SAME. ALL CONCRETE OR CEMENT SIDEWALKS, DRIVEWAYS, OR CURBS, WHICH ARE REMOVED OR DAMAGED BY THE CONTRACTOR SHALL BE BROKEN UP BY HIM AND HE SHALL FURNISH ALL LABOR AND MATERIAL AND CONSTRUCT NEW SIDEWALKS, DRIVEWAYS, OR CURBS, TO REPLACE THOSE REMOVED OR DAMAGED AT INTERSECTING WALKS, DRIVES, ETC. ADDITIONAL CONCRETE SLAB BEYOND THE EXCAVATION LIMITS SHALL BE REMOVED AND REPLACED WITH NEW MATERIAL IN ORDER TO AVOID HAVING MORE JOINTS THAN IN THE ORIGINAL WORK. ALL SLABS REPLACED SHALL BE OF FULL WIDTH. THE CONTRACTOR SHALL FURNISH, PLACE, AND MAINTAIN WHEREVER THE SIDEWALK THAT HAS BEEN REMOVED OR DAMAGED BY HIM, A TEMPORARY SIDEWALK SO AS TO PROVIDE A SAFE AND PASSABLE SIDEWALK UNTIL SUCH TIME AS THE FINAL SIDEWALK IS COMPLETED.
33. ALL PAVEMENTS, ROAD SURFACES, SIDEWALKS, DRIVEWAYS, OR CURBS, WHICH THE CONTRACTOR IS REQUIRED TO REPLACE OR TO HAVE REPLACED, SHALL, AT THE EXPIRATION OF THIS CONTRACT BE IN AT LEAST AS GOOD CONDITION AS AT THE TIME OF AWARDING THE CONTRACT.
34. ALL WORK WHICH THE CONTRACTOR MAY DO IN CONNECTION WITH THE OPENING UP OR REPLACING OF PAVEMENTS, ROAD SURFACES, SIDEWALKS, DRIVEWAYS, OR CURBS, AS WELL AS THE FINAL REPAVING, SHALL BE DONE AT HIS EXPENSE IN ACCORDANCE WITH V.I. STANDARDS.
35. THE USE OF EXCAVATING MACHINERY WILL BE PERMITTED EXCEPT IN PLACES WHERE ITS OPERATION WILL CAUSE DAMAGE TO TREES, BUILDINGS OR EXISTING STRUCTURES ABOVE OR BELOW GROUND, IN WHICH CASE, HAND METHODS SHALL BE EMPLOYED.
36. FENCES, POLES, AND ALL OTHER PROPERTY SHALL BE PROTECTED UNLESS THEIR REMOVAL IS AUTHORIZED. ANY PROPERTY DAMAGES SHALL BE SATISFACTORILY RESTORED BY THE CONTRACTOR AT HIS OWN EXPENSE.
37. WHERE MAJOR (16" DIA.) TREE ROOTS ARE ENCOUNTERED, PIPE IS TO BE PLACED UNDER ROOT (DO NOT DAMAGE ROOTS)
38. THE CONTRACTOR SHALL EXERCISE CARE NOT TO DAMAGE EXISTING TREES. THE CONTRACTOR WILL NOT BE ALLOWED TO STOCKPILE ANY MATERIAL AT OR AROUND THE BASE OF ANY EXISTING TREES. TREES THAT MUST BE REMOVED SHALL BE REPLANTED AFTER THE WATERLINE INSTALLATION. THE CONTRACTOR SHALL CARE FOR ALL REPLANTED TREES FOR A PERIOD OF 90 DAYS TO INSURE THEIR LIFE. THIS INCLUDES WATERING AND FEEDING TO ESTABLISH THEM TO THE SATISFACTION OF THE ENGINEER.
39. THE CONTRACTOR SHALL VERIFY THAT LINES BEING ABANDONED IS NOT INTERCONNECTED TO THE SYSTEM THAT'S IN SERVICE. HE SHALL OBTAIN APPROVAL FROM THE ENGINEER OF HIS PROPOSED METHOD OF VERIFICATION.
40. EXISTING UTILITIES IN THE STREETS AND WITHIN THE LIMITS OF THE WORK ARE TO REMAIN IN OPERATION DURING CONSTRUCTION. WATER AND WASTEWATER SERVICES SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT THE LIFE OF THE PROJECT. WASTEWATER FLOW SHALL BE MAINTAINED BY BY-PASS PUMPING OR OTHER METHOD AS APPROVED BY THE ENGINEER. ALL COSTS SHALL BE INCLUDED IN THE UNIT PRICES BID.
41. NO CONSTRUCTION WORK SHALL TAKE PLACE UNLESS THE OWNER'S REPRESENTATIVE IS PRESENT. THE OWNER RESERVES THE RIGHT TO REJECT ANY AND ALL WORK NOT MEETING THIS REQUIREMENT.
42. ALL EXCAVATIONS SHALL BE SECURED AS DESCRIBED IN THE SPECIFICATIONS ON A DAILY BASIS BY THE CONTRACTOR AT THE TIME OF COMPLETION OF CONSTRUCTION OPERATIONS.
43. THE CONTRACTOR SHALL FURNISH ALL PROTECTIVE AND/OR WARNING DEVICES AS REQUIRED TO CONTROL AND PROTECT THE PUBLIC IN ALL WORK AREAS. THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AFFECTED BY HIS WORK AT ALL TIMES.
44. ALL DRAINAGE OUTLETS SHALL BE LOCATED AND HAVE SILT FENCE OR HAY BALES INSTALLED AS REQUIRED PRIOR TO CONSTRUCTION. ALL DEWATERING AND OPERATIONS SHALL CONFORM TO ALL APPROPRIATE AGENCY REGULATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED DISCHARGE SAMPLING AND TESTING AND SHALL BE INCIDENTAL TO HIS DEWATERING OPERATIONS.

PROPERTY LINE / EASEMENT NOTES:

1. PROPERTY LINES AND PARCEL NUMBERS ARE SHOWN FOR REFERENCE ONLY PER AVAILABLE GIS DATA. NO BOUNDARY SURVEY HAS BEEN COMPLETED AS PART OF THIS CONTRACT.
2. CONTRACTOR TO COORDINATE WITH OWNER AND WAPA TO OBTAIN ALL NECESSARY EASEMENTS FOR THE CONSTRUCTION OF THIS PROJECT PRIOR TO THE START OF CONSTRUCTION.

WATER MAIN AND SERVICE NOTES:

1. EXCEPT WHERE SPECIFICALLY NOTED, ALL WATER PIPE MATERIAL SHALL BE:
   SCH. 80 PVC FOR SIZES 3/4" THRU 2"
   C900 DR14 FOR SIZES 4" THRU 12"
2. ALL SERVICE TAPS AS SHOWN ON SHEET C-6 WATER AND SEWER PLAN
3. DEFLECTION OF HORIZONTAL OR VERTICAL ALIGNMENT OF C900 PIPE NOT TO EXCEED LESSER OF MANUFACTURER'S RECOMMENDATIONS AND THE SPECIFIED IN THE TECHNICAL SPECIFICATIONS
4. DEFLECTION OF HORIZONTAL OR VERTICAL ALIGNMENT AT DI PIPE JOINTS NOT TO EXCEED PERMISSIBLE DEFLECTION AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS.
5. CONTRACTOR'S ATTENTION IS DRAWN TO THE FACT THAT THE WORK AREA IS SEWERED, AND SEWER SERVICES COULD BE LOCATED AT ANY DEPTH. THE CONTRACTOR IS RESPONSIBLE FOR THE REPAIR OF ALL SEWER SERVICES DAMAGED DURING CONSTRUCTION AT THE CONTRACTORS EXPENSE.
6. PIPE JOINT AND FITTINGS INDICATED ON THE WATERLINE DRAWINGS ARE FOR GENERAL GUIDANCE ONLY. THERE MAY BE MORE OR LESS FITTINGS NEEDED TO SATISFY ACTUAL FIELD CONDITIONS. CONTRACTOR SHALL DEVELOP HIS FITTINGS REQUIREMENT LIST AND BE RESPONSIBLE FOR SAME.
7. ALL NEW METER BOXES TO BE INSTALLED WITH A SCH 80 CAPPED STUB OR NIPPLE FOR TRANSFER BY OTHERS AS NEEDED.
8. SERVICES LINES AND METER LOCATIONS ARE APPROXIMATE. SPECIFIC SITE CONDITIONS MAY NECESSITATE ROUTING LINES DIFFERENTLY. PAYMENT FOR INSTALLATION WILL NOT CHANGE WHEN MODIFICATIONS TO SERVICES LINES AND METER LOCATIONS ARE MADE. WAPA'S AUTHORIZED PERSONNEL SHALL IDENTIFY SPECIFIC METER POSITION PRIOR TO INSTALLATION BY CONTRACTOR.
9. SERVICE LINES AND METER BOX LOCATIONS MUST SATISFY THE FOLLOWING CRITERIA:
   - 9.1. METERS MUST BE ACCESSIBLE BY WAPA METER READERS AND MAINTENANCE PERSONNEL FROM THE PUBLIC ROAD. PLACING METERS BEHIND FENCES AND WALLS IS NOT ACCEPTABLE.
   - 9.2. METERS MUST NOT BE PLACED IN DRAINAGE OR FLOOD AREAS. METER BOXES MUST BE POSITIONED SUCH THAT WATER AND DEBRIS WILL NOT FLOW OVER THE TOP OF METER BOXES. THIS MAY BE ACCOMPLISHED BY CAREFUL PLACEMENT TO AVOID DRAINAGE PATHS, OR IN CASES OF LOW VOLUME DRAINAGE TO RAISE THE METER BOX SUFFICIENT ABOVE ADJACENT GRADE.
   - 9.3. PLACEMENT TO AVOID DAMAGE TO METER AND CONNECTED PIPING DUE TO VEHICULAR ACTION, SITE CONDITIONS AND OTHER FACTORS WHICH MAY DAMAGE METER AND PIPING. METER AND PIPING MUST BE ADEQUATELY SECURED TO PREVENT DIRECT MOVEMENT. IT MAY BE NECESSARY TO CONSTRUCT FOUNDATIONS AND/OR SUPPORTING ENCLOSURES (ESPECIALLY IN AREAS WHERE THE GRADE SLOPES DOWN FROM THE PAVEMENT) TO SECURE METER BOX AND CONNECTING PIPING.
10. WATER MAINS SHALL BE LAID AT LEAST TEN FEET (10') HORIZONTALLY FROM ANY EXISTING OR PROPOSED SEWER LINE. IF LOCAL CONDITIONS PREVENT A 10' LATERAL SEPARATION THEN:
    - 10.1. THE MAIN SHALL BE LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER LINE SO THAT THE BOTTOM OF THE WATER LINE IS 18" ABOVE THE TOP OF THE SEWER LINE
    - 10.2. WHERE IT IS IMPOSSIBLE OR IMPRACTICAL TO OBTAIN VERTICAL OR HORIZONTAL SEPARATION THEN THE WATER LINE SHALL BE ENCASED IN CONCRETE IN ACCORDANCE WITH DETAILS.
11. IF A SEWER SERVICE OR SEWER MAIN SHALL BE BROKEN DURING THE CONSTRUCTION OF THE WATER MAIN WHERE THE WATER MAIN IS BEING CONSTRUCTED BELOW THE SEWER, THEN THE CONTRACTOR SHALL REPLACE A MINIMUM OF ONE LENGTH OF THE SEWER LINE OR 20' WHICH EVER IS GREATER. THE NEW SECTION OF SEWER LINE MUST BE CENTERED OVER THE WATER MAIN TO BE CROSSED SO THAT THE JOINTS WILL BE AN EQUAL DISTANCE FROM THE INTERSECTION OF THE LINES.
12. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3' OVER ALL WATER LINES, UNLESS ALTERNATE TRENCH DETAILS ARE APPROVED BY WAPA.
13. CONTRACTOR SHALL COORDINATE INSTALLATION OF WATER SERVICE WITH WAPA AND THE ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION, PURCHASE AND/OR FEES ASSOCIATED WITH ALL APPARATUS INCLUDING: WATER METERS, BACK FLOW PREVENTERS, VALVES, AND ENCLOSURES.
14. WORK DONE ON SANITARY SEWER OR SANITARY SEWER SERVICES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED IN ACCORDANCE WITH THE VIRGIN ISLANDS WASTE MANAGEMENT AUTHORITY STANDARDS AT THE CONTRACTORS EXPENSE.
15. ALL WATER LINES UPON ACCEPTANCE SHALL BECOME THE PROPERTY OF THE WATER AND POWER AUTHORITY.
16. THE WATER AND POWER AUTHORITY INSPECTOR MUST AUTHORIZE THE BACKFILLING OF ALL TRENCHES.
17. THE LOCATION OF ALL CURB STOPS AND VALVES INSTALLED SHALL BE RECORDED BY MEASUREMENTS TO THREE OR MORE PERMANENT SURFACE FEATURES AND SHOWN ON THE AS-BUILT DRAWINGS.
18. ALL GATE VALVES SHALL BE INSTALLED AND PROVIDED WITH A VALVE BOX AS SHOWN ON THE DRAWINGS.
19. FIRE HYDRANTS, HYDRANT BASE AND RISER PIPE SHALL BE SHOP PAINTED WITH AN EPOXY PAINT APPROVED BY THE MANUFACTURER AND ENGINEER AND SHALL BE IN ACCORDANCE WITH AWWA C210. THE FIRE HYDRANT TOP COAT WILL BE YELLOW. FIELD PAINT RETOUCHING SHALL BE PROVIDED TO RESTORE SHOP PAINT DAMAGE.
20. PRIOR TO PUTTING THE SYSTEM INTO OPERATION, THE CONTRACTOR SHALL PERFORM HYDRAULIC TESTS AND SHALL DISINFECT THE PIPE IN ACCORDANCE WITH THE SPECIFICATIONS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT HIS DISINFECTION AND TESTING PROCEDURES TO V.I. W.A.P.A. ALL EXISTING WATER SUPPLY LINES SHALL REMAIN IN SERVICE UNTIL NEW SYSTEM HAS BEEN ACCEPTED BY THE ENGINEER.
21. ALL THRUST BLOCKS SHALL BE PLACED IN UNDISTURBED MATERIAL. IF THRUST BLOCK IS LOCATED IN EXISTING WATER, SEWER OR OTHER TRENCH, EXTEND THRUST BLOCK TO UNDISTURBED MATERIAL.
22. PVC WATERLINES SHALL BE INSTALLED WITH MAGNETIC DETECTABLE PLASTIC TAPE ABOVE THE PIPE AND A 14 GAUGE SOLID CORE TRACE WIRE BELOW THE PIPE.
23. ADDITIONAL METER BOXES MAY BE REQUIRED DEPENDING ON FIELD CONDITIONS. ALL ADDITIONAL METER BOXES SHALL BE ADDED AT THE BID ITEM PRICE.
24. WATER METER BOXES SHALL BE EQUIPPED FOR AUTOMATIC METER READING (AMR), WITH A PLASTIC LID, FORD METER BOX MODEL # YLHC 171-233-P.

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PROJECT:
PAUL E. JOSEPH
BASEBALL STADIUM AND
SPORT COMPLEX
ST. CROIX, U.S.V.I.

DRAWING INFORMATION:
GENERAL NOTES

DATE: 05-08-2020
DRAWN BY: ANB

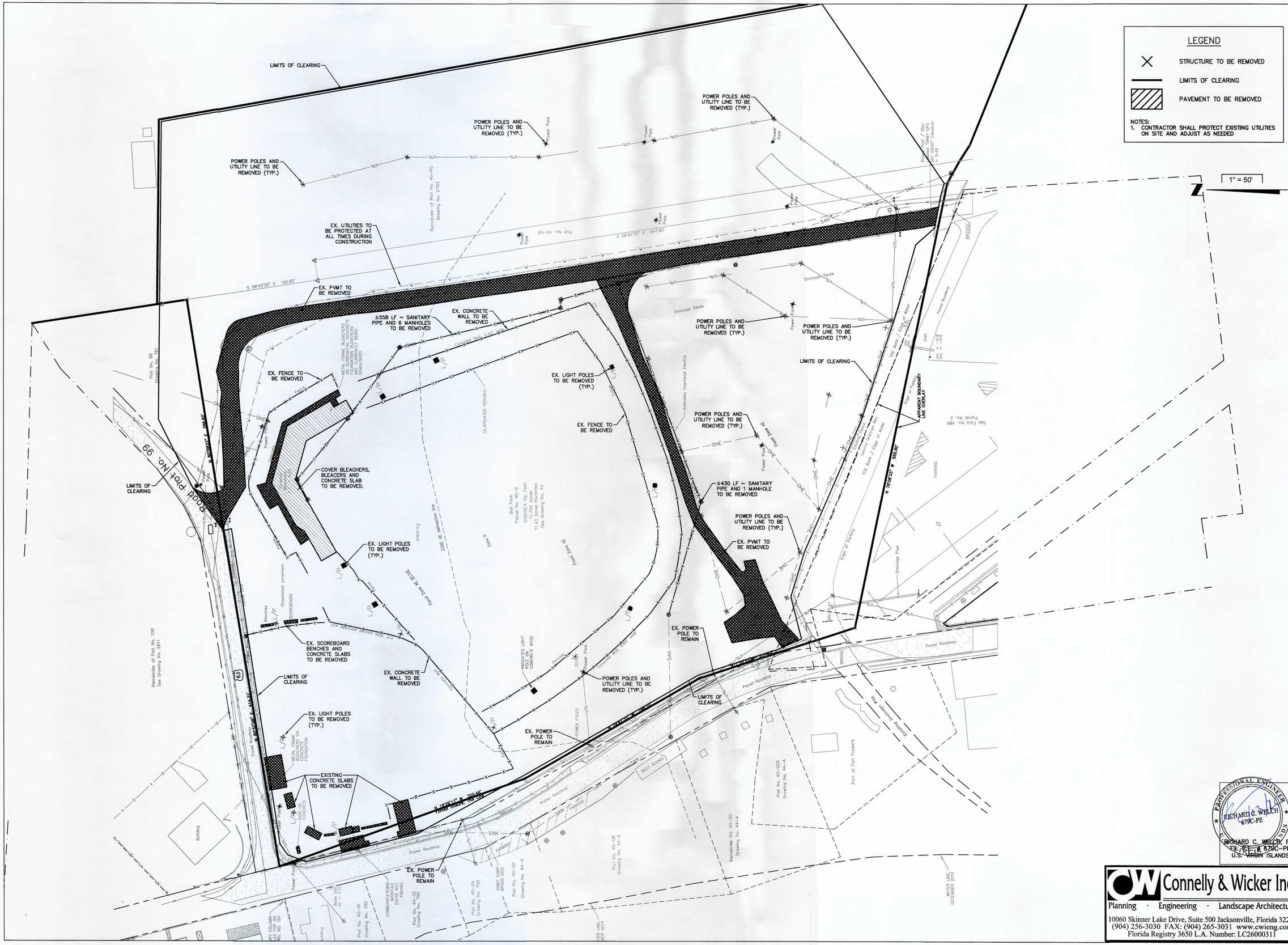
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SHEET NUMBER:
C-2

PROFESSIONAL ENGINEER
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PROJECT:
PAUL E. JOSEPH
BASEBALL STADIUM AND
SPORT COMPLEX
ST. CROIX, U.S.V.I.

DRAWING INFORMATION:
DEMOLITION PLAN

DATE: 05-08-2020
DRAWN BY: ANB

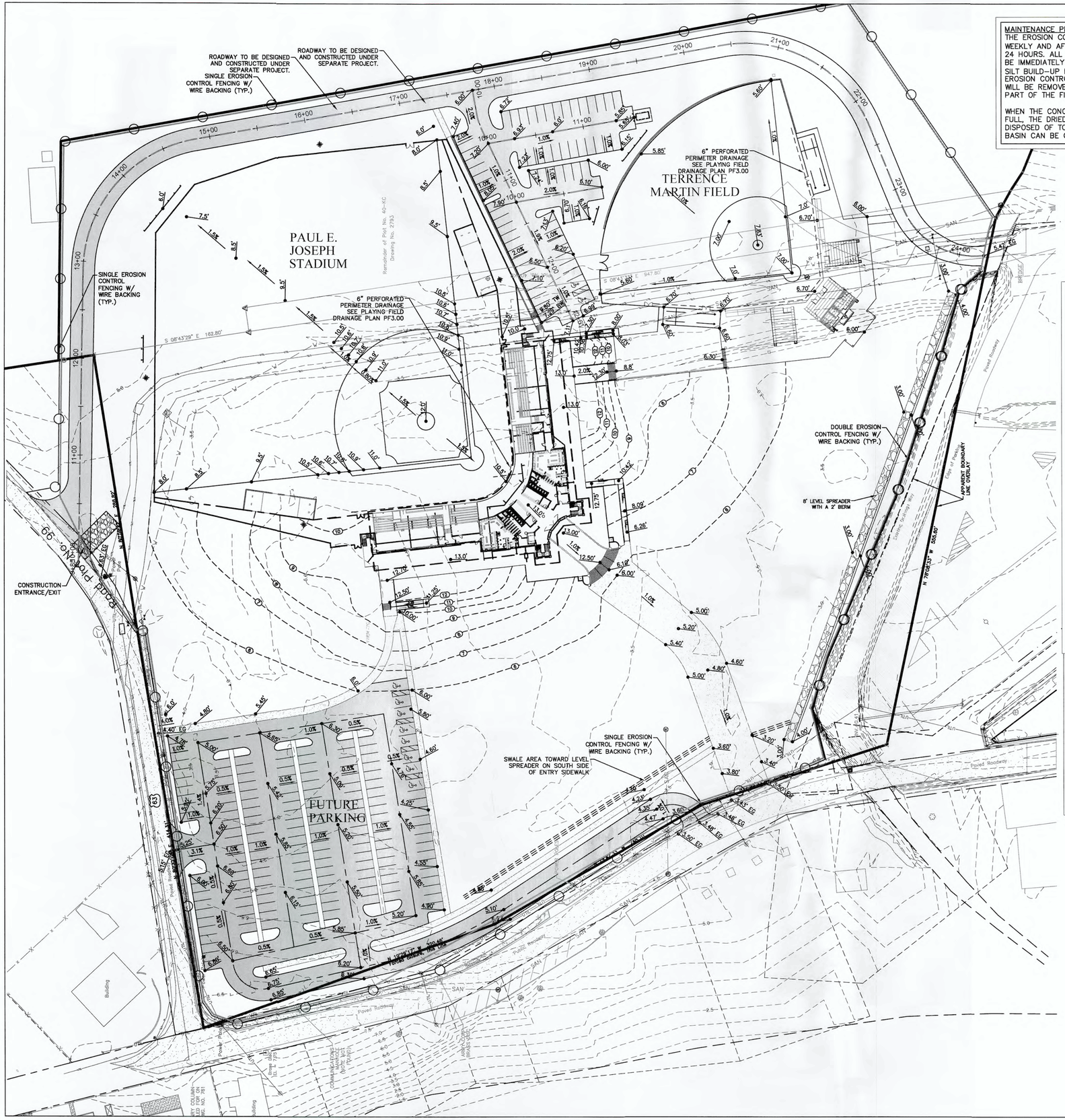
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SHEET NUMBER:
C-3

PROFESSIONAL ENGINEER
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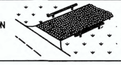
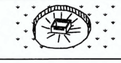


MAINTENANCE PLAN

THE EROSION CONTROL FENCING WILL BE INSPECTED WEEKLY AND AFTER EVERY RAIN EVENT OF ½" PER 24 HOURS. ALL HOLES, RIPS, BREACHES, ETC., WILL BE IMMEDIATELY REPAIRED WHEN DISCOVERED. WHEN SILT BUILD-UP REACHES ½ OF THE HEIGHT OF THE EROSION CONTROL FENCE AND IN CATCH BASIN, IT WILL BE REMOVED AND DISPOSED OF ONSITE AS PART OF THE FINAL SITE GRADING.

WHEN THE CONCRETE TRUCK WASHOUT BASIN IS FULL, THE DRIED MATERIAL WILL BE REMOVED AND DISPOSED OF TO ALLOW FOR RE-USE OR ANOTHER BASIN CAN BE CREATED.

STRUCTURAL PRACTICES

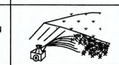
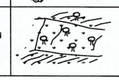
CONSTRUCTION EXIT		A CRUSHED STONE PAD LOCATED AT THE CONSTRUCTION SITE EXIT TO PROVIDE A PLACE FOR REMOVING MUD FROM TIRES THEREBY PROTECTING PUBLIC STREETS.
SEDIMENT BARRIER		A BARRIER TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. IT MAY BE SANDBAGS, BALES OF STRAW OR HAY, BRUSH, LOGS AND POLES, GRAVEL, OR A SEDIMENT FENCE. THE BARRIERS ARE USUALLY TEMPORARY AND INEXPENSIVE.
INLET SEDIMENT TRAP		AN IMPOUNDING AREA CREATED BY EXCAVATING AROUND A STORM DRAIN DROP INLET. THE EXCAVATED AREA WILL BE FILLED AND STABILIZED ON COMPLETION OF CONSTRUCTION ACTIVITIES.

1" = 50'

NOTES:
1. ALL AREAS WHERE THERE WILL BE SITE DISTURBANCE WILL BE PRE-CLEARED OF BRUSH. ALL MAJOR TREES WILL INITIALLY REMAIN. ALL VEGETATION WILL BE LEFT A MINIMUM OF 1 FOOT IN HEIGHT. THIS WILL ALLOW FOR EXISTING VEGETATION ROOT SYSTEM TO CONTINUE TO HOLD THE SOIL AND PREVENT EROSION UNTIL EXCAVATION IS STARTED.
2. FLAGS MARKING THE LIMITS OF SITE DISTURBANCE FOR STRUCTURES AND MAJOR EARTHWORK WILL BE ATTACHED TO TREES OR STAKES AT A HEIGHT THAT IS CLEARLY VISIBLE TO CONSTRUCTION EQUIPMENT OPERATORS.
3. EROSION CONTROL FENCING WILL BE INSTALLED WITH RE-BAR OR STEEL FENCE POSTS AND WIRE MESH WHERE NEEDED, FOLLOWING THE GUIDELINES IN THE V.I. ENVIRONMENTAL PROTECTION HANDBOOK, 2002 EDITION.
4. ALL AREAS TO BE EXCAVATED WILL BE LAID OUT BY A SURVEYOR PRIOR TO EXCAVATION.

DURING CONSTRUCTION – LAND
1. PRIOR TO THE START OF EARTHWORK, THE BEGINNING OF THE ROAD INTO THE SITE WILL HAVE A 24' LONG BY 20' WIDE GRAVEL TRACKOUT AREA.
2. ROADS WILL BE CUT ON GRADE AS MUCH AS POSSIBLE AND THE ROAD BED WILL SLOPE TO THE DOWNHILL SIDE.
3. HYDRO-SEEDING, EROSION CONTROL BLANKETS WILL BE USED ON CUT AND FILL SLOPE SIDES OF ROAD TO CONTROL EROSION.
4. ALL SOIL EXCAVATED AND STOCKPILED ON SITE WILL BE COVERED WITH TARPAULINS, OR STRAW EROSION CONTROL BLANKETS AND HYDROSEEDING.
5. FOR EACH AREA, THE METAL REINFORCED EROSION CONTROL FENCING WILL BE PLACED BELOW EACH BUILDING AREA AND ANTICIPATED WATER AND SEWER LINE LOCATIONS BEING CONSTRUCTED IN THAT AREA PER DRAWING.
6. BUILDING SITES WILL BE EXCAVATED TO A MAXIMUM OF TEN FEET OUTSIDE OF THE BUILDING FOUNDATION LINE. THE INTENT IS TO EXCAVATE THE LEAST AMOUNT OF THE SITE AS POSSIBLE AND TO AVOID DISTURBING IT AS MUCH AS POSSIBLE. THIS WILL ALLOW THE EXISTING VEGETATION TO REMAIN UNTIL THE FINAL LANDSCAPING IS DONE.
7. THE SITE WILL BE EXCAVATED IN A CONTROLLED AND LIMITED MANNER. THIS WILL LEAVE PORTIONS OF THE SITE THAT WILL NOT BE WORKED ON UNTIL LATER IN THE CONSTRUCTION SCHEDULE IN THEIR NATURAL EXISTING STATE UNTIL FINAL LANDSCAPING.
8. A CONCRETE TRUCK WASHOUT AREA WILL BE CREATED FOR EACH MAJOR CONSTRUCTION AREA.
9. AS THE EARTHWORK IS COMPLETED, THE GRADING WILL BE STABILIZED BY EROSION CONTROL BLANKETS AND HYDROSEEDING UNTIL FINAL LANDSCAPING IS INSTALLED.
10. DURING CONSTRUCTION, THOSE AREAS OF EXPOSED SOILTHAT HAVE BEEN GRADED TO FINAL PRE-LANDSCAPED ELEVATIONS AND THOSE THAT WILL NOT BE WORKED FOR AT LEAST THREE WEEKS WILL BE COVERED WITH STRAW EROSION CONTROL BLANKETS, PNEUMATICALLY APPLIED MULCH. THOSE AREAS, EXCEPT FOR ROCK FACING, THAT WILL NOT RECEIVE ANY FINAL LANDSCAPING WILL BE SEEDED AND COVERED WITH STRAW MATS WILL BE APPLIED AS SOON AS THE EARTHWORK IN FINISHED.

VEGETATIVE PRACTICES

DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)		ESTABLISHING TEMPORARY PROTECTION FOR DISTURBED AREAS WHERE SEEDINGS MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDING COVER.
DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)		ESTABLISHING A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDING ON DISTURBED AREAS.
DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)		ESTABLISHING PERMANENT VEGATATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS.

LEGEND

- RIP-RAP / LEVEL SPREADER
- SILT FENCE
- CHECK DAM
- EROSION CONTROL BLANKET
- LIMITS OF CLEARING

NOTES:
1. CONTRACTOR SHALL PROTECT EXISTING UTILITIES ON SITE AND ADJUST AS NEEDED

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PROJECT:
PAUL E. JOSEPH BASEBALL STADIUM AND SPORTS COMPLEX
ST. CROIX, U.S.V.I.

DRAWING INFORMATION:
SEDIMENT EROSION CONTROL PLAN

PROFESSIONAL ENGINEER
U.S. VIRGIN ISLANDS
RICHARD C. WELCH
679C-PE

RICHARD C. WELCH, P.E.
FL. PE: 67679C-PE
U.S. VIRGIN ISLANDS

DATE: 05-08-2020
DRAWN BY: ANB

15-01-0015 SEC&Clearing.dwg

SHEET NUMBER:
C-4

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NOTE:
SEE STRUCTURAL PLANS FOR ALL RETAINING WALLS

CURVE TABLE: ALIGNMENTS

CURVE	RADIUS	LENGTH	TANGENT	BEARING	CHORD	DELTA
C4	58.87'	15.90'	8.00'	S72° 08' 03"W	15.85'	15°28'31"
C1	140.00'	193.03'	115.40'	S49° 37' 38"E	178.10'	78°59'55"
C2	140.00'	189.82'	112.73'	S28° 42' 49"W	175.61'	77°41'00"
C3	79.84'	103.71'	60.63'	S30° 20' 31"W	96.57'	74°25'37"

LEGEND

- (1) PARKING COUNT
- GRAVEL PAVEMENT
- CONCRETE PAVEMENT

1" = 50'

PAUL E. JOSEPH STADIUM

TERRENCE MARTIN FIELD

FUTURE PARKING

ROADWAY TO BE DESIGNED AND CONSTRUCTED UNDER SEPARATE PROJECT.

PT. STA. 14+83.98

S10°07'41"E 293.14'

CENTERLINE INTERSECTION 17+77.11 10+00.00

S79°52'19"W 25.22'

PC. STA. 10+25.22

PT. STA. 10+41.13

S64°23'48"W 16.61'

CENTERLINE INTERSECTION 10+57.74 10+00.00

S64°23'48"W 67.45'

CENTERLINE INTERSECTION 11+25.19 10+00.00

S64°23'48"W 36.11'

S10°07'41"E 263.57'

S10°06'16"E

PC. STA. 20+40.68

PT. STA. 22+30.50

S67°33'19"W 91.03'

PC. STA. 23+21.53

EP. STA. 24+25.23

EP. STA. 11+53.52

EP. STA. 10+90.07

EP. STA. 12+61.30

PC. STA. 12+90.95

PROPERTY LINE 12+01.26

S 08°43'29" E 162.80'

S 08°43'33" E 947.80'

S89°07'56"E 306.00'

R25.00'

R30.00'

Road P.R.No. 99

8' FENCE

DUMPSTER PAD

BATTERS EYE

SCORE BOARD

FIELD LIGHT

BULLPEN

DUGOUT

ADA RAMP

SEE ARCHITECTURAL PLANS FOR LAYOUT AND DETAILS OF ALL BUILDING AREAS, WALLS, ADA RAMPS, WALKWAYS, STEPS, AND ALL BALL FIELD ELEMENTS

8' WIDE LEVEL SPREADER FOR STORMWATER RUNOFF CONTROL

APPARENT BOUNDARY LINE OVERLAY

42.50' SIDEWALK ENTRY

42.50'

8' SIDEWALK

6' SIDEWALK

24.00'

CONTRACTOR TO COORDINATE RELOCATION OF POWER POLE

Round Post / Disc Loaded Xplor GPS SET 1000' Elevation 4.04

Paved Roadway

Paved Roundway

Top of Ramp

Top of Bank / Edge of Water

Inlet

Drainage Pipe

Fire Hydrant Assembly

BRIDGE

PARKING

Power Pole

Fence Line

Bear Pile El. = 7.75

COMMUNICATIONS HANDHOLE (NOTE NOT FOUND)

ARMY CORP BRASS DISC

WATER LINE DECEMBER 2014

N 78°08'37" W 556.80'

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PROJECT:
PAUL E. JOSEPH BASEBALL STADIUM AND SPORT COMPLEX
ST. CROIX, U.S.V.I.

DRAWING INFORMATION:
SITE PLAN

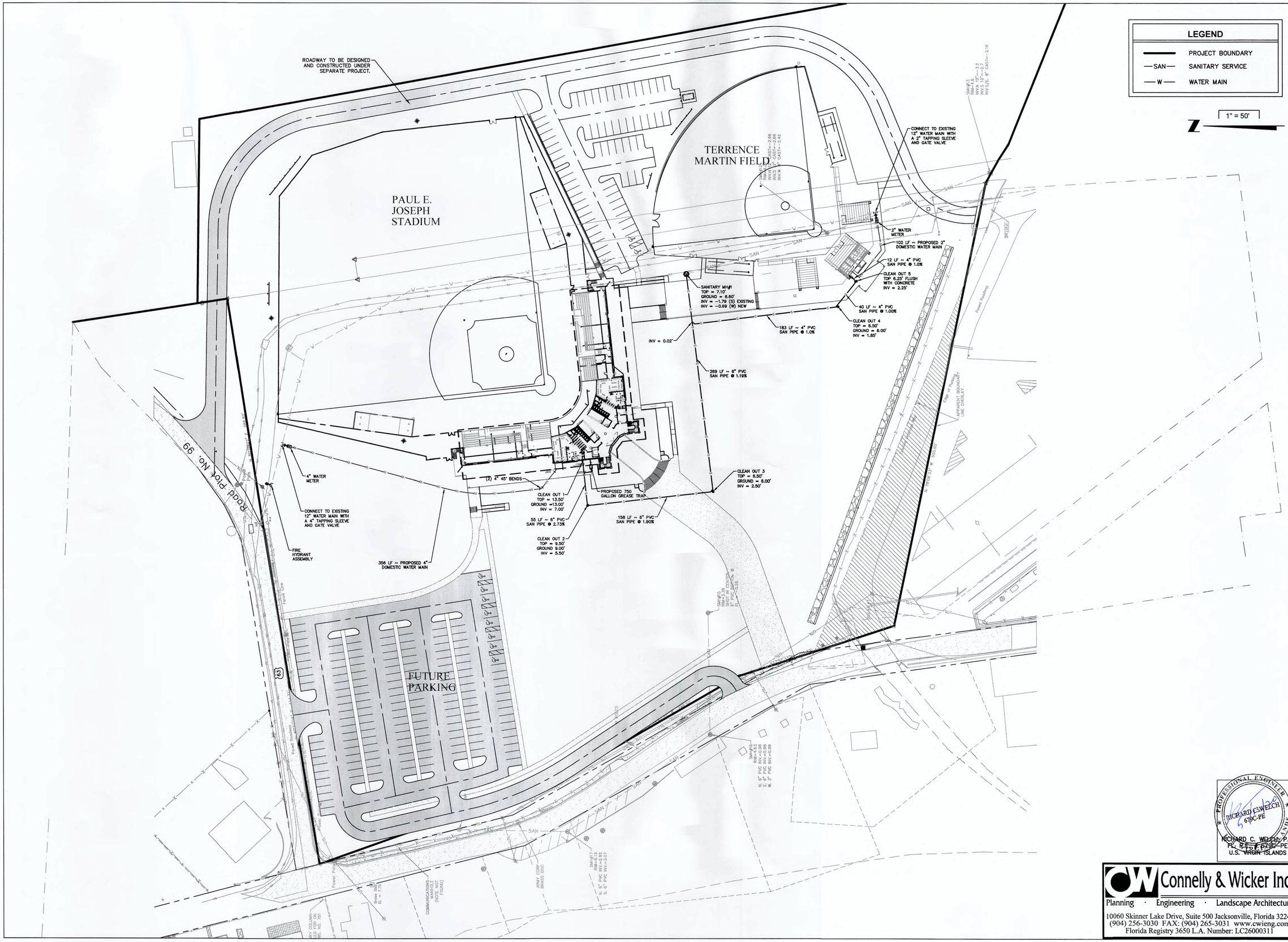
DATE: 05-08-2020
DRAWN BY: ANB

15-01-0015 Site.dwg

SHEET NUMBER:
C-5

PROFESSIONAL ENGINEER
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PROJECT:
PAUL E. JOSEPH BASEBALL STADIUM AND SPORTS COMPLEX
ST. CROIX, U.S.V.I.

DRAWING INFORMATION:
WATER AND SEWER PLAN

PROFESSIONAL ENGINEER
RICHARD C. WELCH
679C-PE
U.S. VIRGIN ISLANDS

DATE: 05-08-2020
DRAWN BY: ANB

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15-01-0015 Ws.dwg

SHEET NUMBER:
C-6

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ROADWAY TO BE DESIGNED AND CONSTRUCTED UNDER SEPARATE PROJECT.

PAUL E. JOSEPH STADIUM

TERRENCE MARTIN FIELD

6" PERFORATED PERIMETER DRAINAGE SEE PLAYING FIELD DRAINAGE PLAN PF3.00

FUTURE PARKING

SWALE AREA TOWARD LEVEL SPREADER ON SOUTH SIDE OF ENTRY SIDEWALK

8' LEVEL SPREADER WITH A 2' BERM

APPARENT BOUNDARY LINE OVERLAY

1" = 50'

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PROJECT:
PAUL E. JOSEPH
BASEBALL STADIUM AND
SPORT COMPLEX
ST. CROIX, U.S.V.I.

DRAWING INFORMATION:
GRADING PLAN

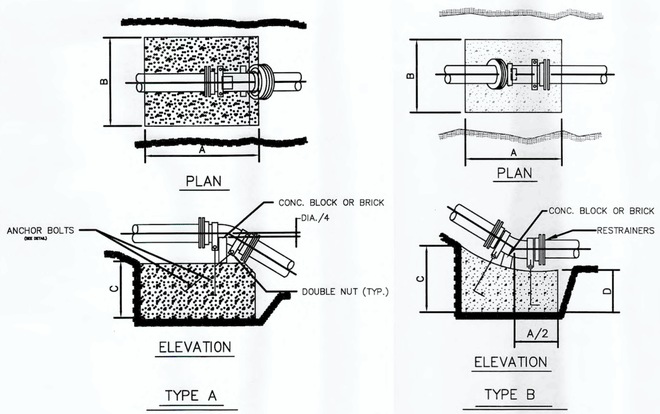
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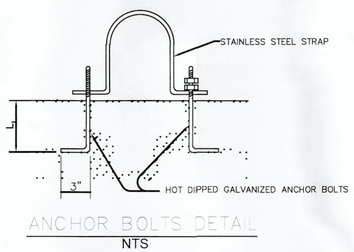
SHEET NUMBER:
C-7

PROFESSIONAL ENGINEER
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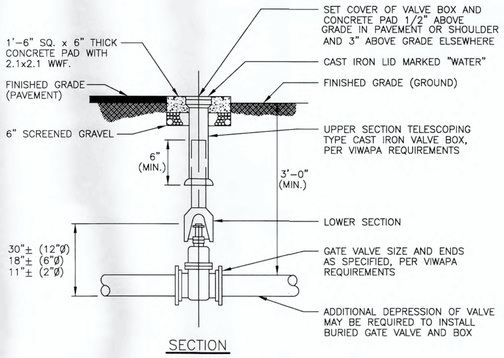
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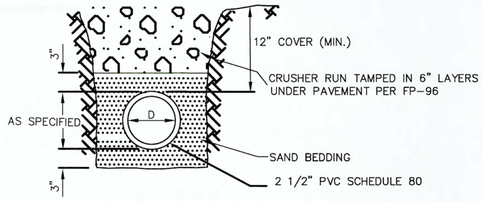
VERTICAL BENDS
NTS



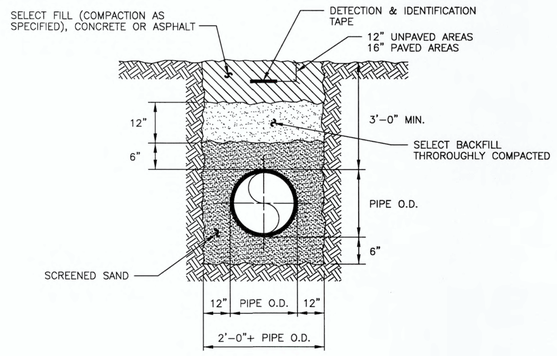
ANCHOR BOLTS DETAIL
NTS



BURIED GATE VALVE & VALVE BOX DETAIL
NTS



TYPICAL WATER SERVICE CONNECTION TRENCH DETAIL
NTS



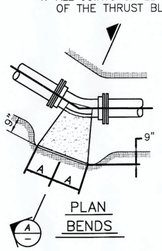
TRENCH DETAILS FOR PVC PIPES
NTS

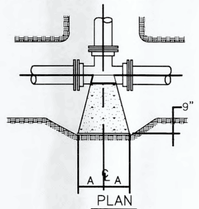
TYPE	PIPE SIZE	TYPE A			TYPE B				STRAPS	ANCH. BOLT SIZE (DIA.)	L_1
		A	B	C	A	B	C	D			
2000 P.S.F. SOIL	6"*	38"	32"	27"	27"	27"	27"	16"	(1) 1/4"x 1 1/8"	5/8"	1'-0"
	8"	44"	38"	27"	30"	30"	30"	18"	" "	"	"
	10"	50"	44"	34"	37"	37"	33"	18"	(2) 1/4"x 1 1/4"	5/8"	1'-0"
	12"	57"	51"	40"	41"	41"	40"	21"	" "	"	"
	14"	57"	51"	67"	47"	47"	47"	24"	(2) 3/8"x 1 1/2"	3/4"	1'-0"
	16"	64"	57"	67"	54"	54"	49"	24"	" "	"	"
	20"	78"	63"	80"	64"	64"	64"	30"	(2) 1/2"x 1 3/4"	7/8"	2'-0"
	24"	93"	75"	83"	78"	78"	78"	36"	(2) 1/2"x 2 1/2"	1"	2'-0"

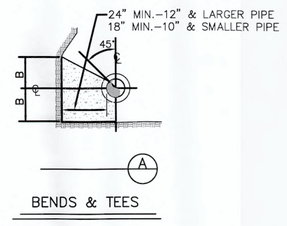
*6" OR LESS

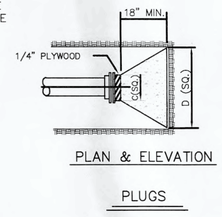
NOTE

1. BASED ON 150 P.S.I. STATIC PRESSURE PLUS A.W.W.A. WATER HAMMER.
2. ALL BEARING SURFACES TO BE CARRIED TO UNDISTURBED GROUND.
3. ALL STRAPS, BOLTS AND ANCHORS SHALL BE MADE OF GALVANIZED STEEL AND SHALL CONFORM TO ASTM 123 AND 153
4. ALL JOINTS SHALL BE ENCASED IN CONCRETE AFTER THE CONSTRUCTION OF THE THRUST BLOCK.









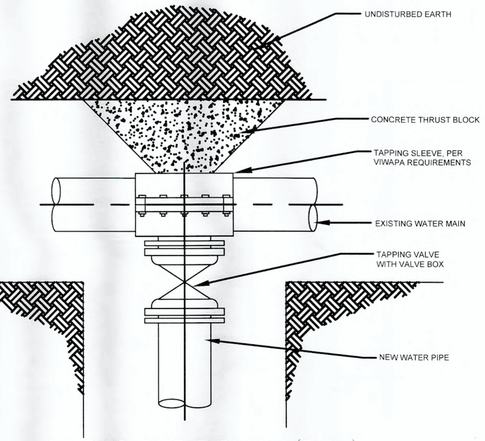
TYPE	PIPE SIZE	90° BENDS		45° BENDS		22-1/2°& 11-1/4° BENDS		TEES		PLUGS	
		A	B	A	B	A	B	A	B	C	D
2000 P.S.F. SOIL	6" *	18"	11"	10"	11"	6"	9"	11"	13"	10"	24"
	8"	25"	14"	14"	14"	9"	11"	15"	17"	12"	32"
	10"	27"	20"	16"	19"	10"	15"	18"	22"	14"	40"
	12"	33"	23"	18"	23"	12"	18"	21"	26"	16"	47"
	14"	39"	26"	22"	26"	13"	22"	24"	30"	18"	54"
	16"	43"	30"	24"	30"	14"	26"	28"	33"	20"	61"
	20"	50"	39"	27"	39"	17"	32"	33"	42"	24"	74"
	24"	60"	45"	33"	45"	20"	38"	40"	49"	28"	88"

*6" OR LESS

NOTE

BASED ON 150 P.S.I. STATIC PRESSURE PLUS A.W.W.A. WATER HAMMER.
ALL BEARING SURFACES TO BE CARRIED TO UNDISTURBED GROUND.

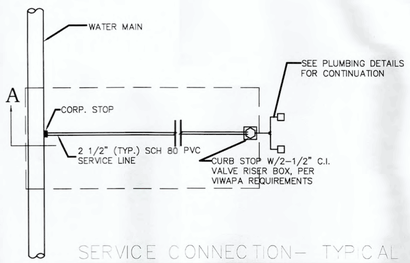
CONCRETE THRUST BLOCK DETAILS
NTS



TAPPING SLEEVE DETAIL (PLAN)
NTS

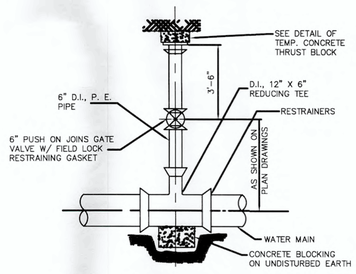
NOTE:

1. AT ALL 90° - 45° USE TRUST BLOCK AND RESTRAINERS



SERVICE CONNECTION- TYPICAL
NTS

NOTE: 1. FOR 2 1/2" SERVICE LINES, END LINE AT GATE VALVE WITH 5 1/2" VALVE RISER BOX (FIG. 4905, B&T INDUSTRIES, OR APPROVED EQUAL).



PIPE AND VALVE ASSEMBLY FOR FIRE HYDRANTS AND SERVICE LINES OVER 2"
NTS

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BASEBALL STADIUM AND
SPORT COMPLEX
ST. CROIX, U.S.V.I.

DRAWING INFORMATION:
POTABLE WATER DETAILS

PROFESSIONAL ENGINEER * RICHARD C. WELCH * 679C-PE * U.S. VIRGIN ISLANDS

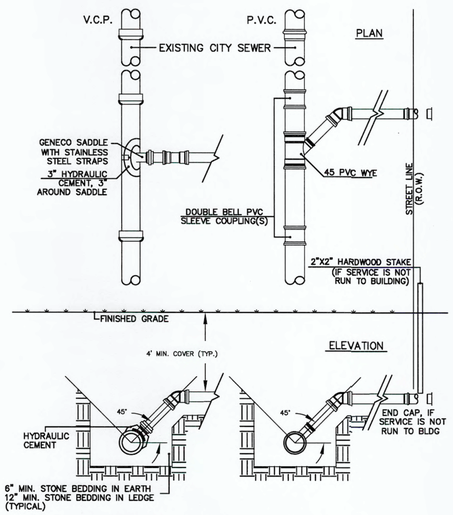
RICHARD C. WELCH, P.E.
FL. P.E. # 679C-PE
U.S. VIRGIN ISLANDS

DATE: 05-08-2020
DRAWN BY: ANB

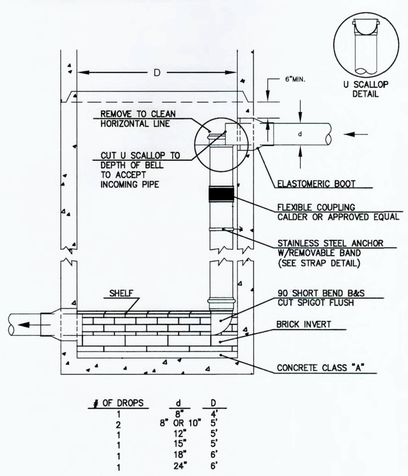
15-01-0015 Cov&Dets.dwg

SHEET NUMBER:
C-8

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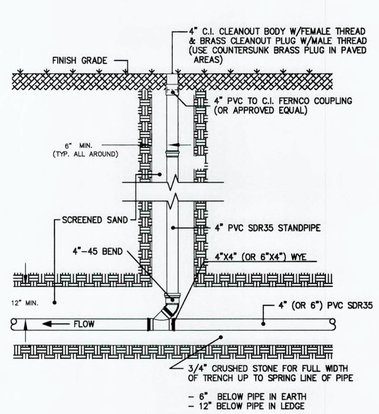


TYPICAL SEWER CONNECTION
(TYING INTO EXISTING MAINS)
(NOT TO SCALE)

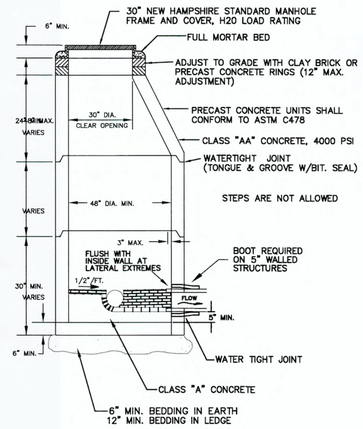


# OF DROPS	d	D
1	8"	4"
2	8" OR 10"	5"
1	12"	5"
1	15"	5"
1	18"	6"
1	24"	6"

INSIDE DROP CONNECTION
FOR PVC PIPE
(NOT TO SCALE)



TYPICAL SEWER SERVICE CLEANOUT
(NOT TO SCALE)



TYPE OF PIPE	SIZE	MAX. DIST. TO FIRST JOINT
R.C.P./C.I.	ALL	48"
C.I.P.	ALL	48"
P.V.C.	>15"	48"
V.C.P.	0–12"	18"
V.C.P.	>12"	36"

PRE–CAST REINFORCED
SANITARY SEWER MANHOLE
(NOT TO SCALE)

NOTES

1) FOR ORDERED EXCAVATION OF UNSUITABLE MATERIAL BELOW GRADE, REFILL WITH BEDDING MATERIAL.

2) BEDDING: CRUSHED STONE, FREE FROM CLAY, LOAM, ORGANIC MATTER, AND MEETING ASTM C33, STONE SIZE NO. 67.

100%	PASSING	1 INCH SCREEN
90–100%	PASSING	3/4 INCH SCREEN
20– 55%	PASSING	3/8 INCH SCREEN
0– 10%	PASSING	#4 SIEVE
0– 5%	PASSING	#8 SIEVE

USE CRUSHED STONE ONLY FOR BEDDING UNDER MANHOLES. WHERE ORDERED BY THE ENGINEER TO STABILIZE THE TRENCH BASE, CRUSHED STONE 1/2 INCH TO 1 1/2 INCH SHALL BE USED.

3) SAND BLANKET: CLEAN SAND FREE FROM ORGANIC MATTER SO GRADED THAT 90 100% PASSES A 1/2 INCH SIEVE AND NOT MORE THAN 15% WILL PASS A NO. 200 SIEVE.

4) SUITABLE MATERIAL: IN ROADS, ROAD SHOULDERS, WALKWAYS AND TRAVEL WAYS, SUITABLE MATERIAL FOR TRENCH BACKFILL SHALL BE THE NATURAL MATERIAL EXCAVATED DURING THE COURSE OF CONSTRUCTION, BUT SHALL EXCLUDE DEBRIS, PIECES OF PAVEMENT, ORGANIC MATTER TOPSOIL, ALL WET OR SOFT MUCK, PEAT OR CLAY, ALL EXCAVATED LEDGE MATERIAL, AND ALL ROCKS OVER SIX INCHES IN THE LARGEST DIMENSION, OR ANY MATERIAL WHICH AS DETERMINED BY THE ENGINEER, WILL NOT PROVIDE SUFFICIENT SUPPORT OR MAINTAIN THE COMPLETED CONSTRUCTION IN A STABLE CONDITION.

IN CROSS–COUNTRY CONSTRUCTION, SUITABLE MATERIAL SHALL BE AS DESCRIBED ABOVE EXCEPT THAT THE ENGINEER MAY PERMIT THE USE OF TOPSOIL, LOAM, MUCK OR PEAT, IF HE IS SATISFIED THAT COMPLETED CONSTRUCTION WILL BE ENTIRELY STABLE AND PROVIDED THAT EASY ACCESS TO THE SEWER FOR MAINTENANCE AND POSSIBLY RECONSTRUCTION, WHEN NECESSARY, WILL BE PRESERVED.

5) BASE COURSE, IF ORDERED BY THE ENGINEER, SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD IN BRIDGE CONSTRUCTION OF THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION.

6) WOOD SHEETING, IF REQUIRED, WHERE SHEETING IS PLACED ALONGSIDE THE PIPE AND EXTENDS BELOW MID–DIAMETER, IT SHALL BE CUT OFF AND LEFT IN PLACE TO AN ELEVATION NOT LESS THAN ONE FOOT ABOVE THE TOP OF THE PIPE. WHERE SHEETING IS ORDERED BY THE ENGINEER TO BE LEFT IN PLACE, IT SHALL BE CUT OFF AT LEAST THREE FEET BELOW FINISHED GRADE, BUT NOT LESS THAN ONE FOOT ABOVE THE TOP OF THE PIPE.

7) W = MAXIMUM ALLOWABLE TRENCH WIDTH AT A PLANE 12 INCHES ABOVE THE PIPE. FOR PIPES 15 INCHES NOMINAL DIAMETER OR LESS, W SHALL BE NO MORE THAN 36 INCHES; FOR PIPES GREATER THAN 15 INCHES NOMINAL DIAMETER W SHALL BY 24 INCHES PLUS PIPE O.D. W SHALL ALSO BE THE PAYMENT WIDTH FOR LEDGE EXCAVATION AND FOR ORDERED EXCAVATION BELOW GRADE.

8) FOR CROSS COUNTRY CONSTRUCTION, BACKFILL OR FILL SHALL BE MOUNDED TO A HEIGHT OF SIX INCHES ABOVE THE ORIGINAL GROUND SURFACE.

9) CONCRETE FOR ENCASEMENT SHALL CONFORM TO THE REQUIREMENTS FOR CLASS A CONCRETE OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

10) PVC PIPE SHALL CONFORM TO ASTM 3034. PVC PIPE SHALL HAVE A PIPE STIFFNESS OF AT LEAST 46 POUNDS PER SQUARE INCH AT 5% PIPE DIAMETER DEFLECTION, AS MEASURED IN ACCORDANCE WITH ASTM D2412 DURING MANUFACTURE. JOINT SEALS SHALL BE OIL RESISTANT COMPRESSION RINGS OF ELASTOMERIC MATERIAL CONFORMING TO ASTM D3212 AND SHALL BE PUSH–ON, BELL–AND–SPIGOT TYPE.

NOTE: SEPARATE CONSTRUCTION SPECIFICATIONS ARE ATTACHED OR INCLUDED IN THE CONTRACT DOCUMENTS. THESE STANDARD DRAWINGS ARE NOT COMPLETE WITHOUT THESE SPECIFICATIONS.

LEAKAGE TESTING

1) ALL NEW SEWERS AND MANHOLES SHALL BE TESTED FOR WATERTIGHTNESS BY THE USE OF EITHER WATER OR LOW–PRESSURE AIR TESTS.

2) LOW–PRESSURE AIR TESTING SHALL BE IN CONFORMANCE WITH ASTM C828.

3) THE RATE OF INFILTRATION OR EXFILTRATION SHALL BE NOT GREATER THAN 100 GALLONS PER DAY PER INCH OF PIPE DIAMETER PER MILE OF PIPE FOR SIZES UP TO 48 INCHES.

4) MANHOLES SHALL BE TESTED FOR LEAKAGE USING EITHER A WATER EXFILTRATION TEST OR A VACUUM TEST. THE MANHOLE VACUUM TEST SHALL CONFORM TO THE FOLLOWING:

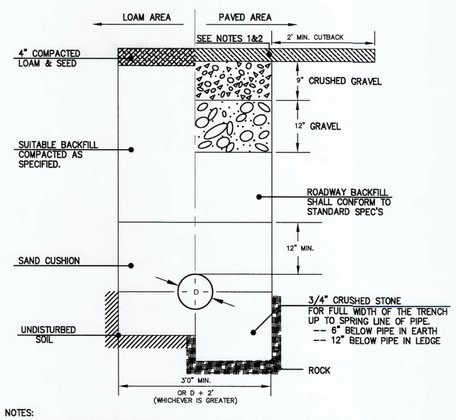
   a) THE INITIAL VACUUM GAUGE TEST PRESSURE SHALL BE 10" Hg; AND

   b) THE MINIMUM ACCEPTABLE TEST HOLD TIME FOR A 1" Hg PRESSURE DROP TO 9"Hg SHALL BE:

      1) NOT LESS THAN 2 MINUTES FOR MANHOLES LESS THAN 10 FEET IN DEPTH;
      2) NOT LESS THAN 2 1/2 MINUTES FOR MANHOLES 10 TO 15 FEET DEEP; AND
      3) NOT LESS THAN THREE MINUTES FOR MANHOLES MORE THAN 15 FEET DEEP.

5) THE MANHOLE SHALL BE REPAIRED AND RETESTED IF THE TEST HOLD TIMES FAIL TO ACHIEVE THE ACCEPTANCE LIMITS SPECIFIED ABOVE.

6) ALL PLASTIC SEWER PIPES SHALL BE DEFLECTION TESTED NOT LESS THAN 30 DAYS FOLLOWING INSTALLATION. THE MAXIMUM ALLOWABLE DEFLECTION OF FLEXIBLE SEWER PIPE SHAL BE 7 1/2 PERCENT OF AVERAGE INSIDE DIAMETER.



NOTES:

1) PAVEMENT REPAIR IN EXISTING ROADWAYS SHALL CONFORM TO STREET OPENING REGULATIONS. DEPTH FOR BITUMINOUS PAVEMENT, SHALL BE EQUAL TO EXISTING PAVEMENT WITH 3" MIN. (1" WEARING, 2" BASE)

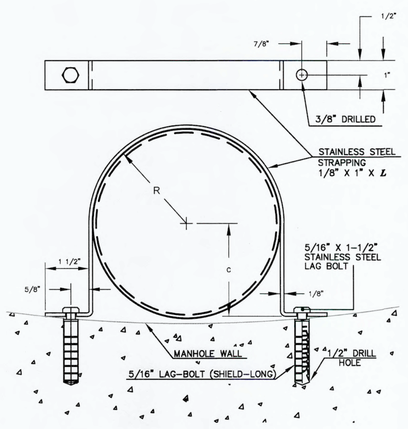
2) NEW ROADWAY CONSTRUCTION SHALL CONFORM TO SUBDIVISION SPECIFICATIONS.

3) IN LIEU OF THE 12" GRAVEL COURSE AND 9" OF CRUSHED GRAVEL, 18" OF CRUSHED GRAVEL OR RECLAIMED STABILIZED BASE MAY BE USED AS A BASE FOR THE PAVEMENT REPAIR.

4) MATERIAL SHALL BE REPLACED IN KIND WHENEVER POSSIBLE.

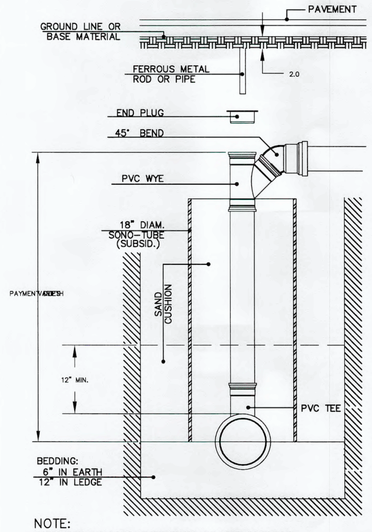
5) A MINIMUM 2' CUTBACK IS REQUIRED AT THE TOP OF THE TRENCH WALL OVER UNDISTURBED MATERIAL.

TYPICAL SEWER TRENCH DETAIL
(NOT TO SCALE)



PIPE SIZE	L	R	C
4"	14.176"	2.125"	2.063"
6"	19.638"	3.188"	3.125"
8"	25.102"	4.250"	4.188"
10"	30.565"	5.313"	5.250"
12"	36.028"	6.375"	6.313"

STRAP DETAIL FOR
INSIDE DROP CONNECTION
(NOT TO SCALE)



NOTE:
FORMWORK OR SONO–TUBE SHALL BE LEFT IN PLACE.

SERVICE CHIMNEY FOR PVC PIPE
(NOT TO SCALE)

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PROJECT:
PAUL E. JOSEPH
BASEBALL STADIUM AND
SPORT COMPLEX
ST. CROIX, U.S.V.I.

DRAWING INFORMATION:
SANITARY DETAILS

DATE: 05–08–2020
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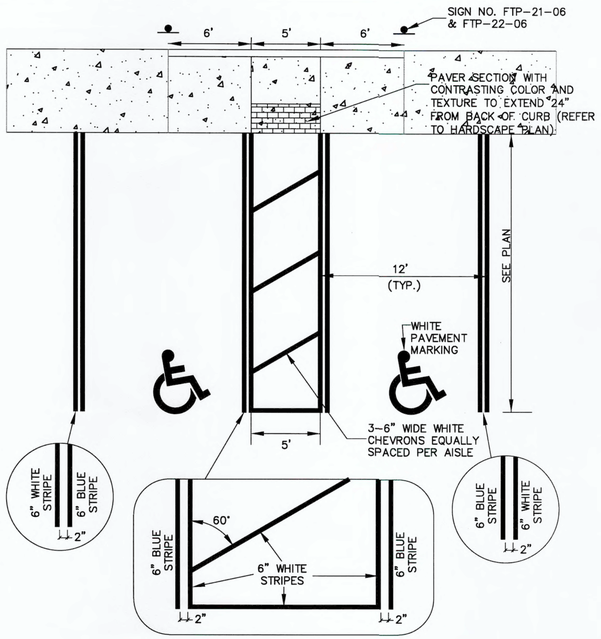
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SHEET NUMBER:
C-9

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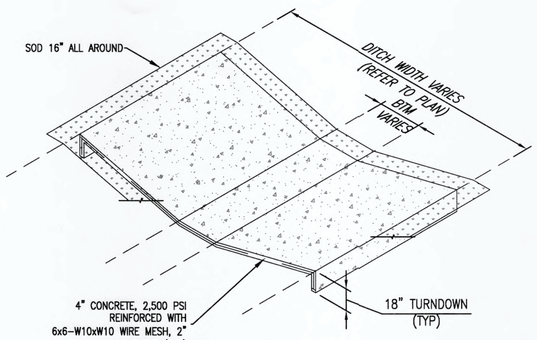
RICHARD C. WELCH, P.E.
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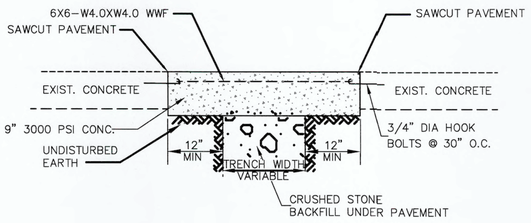


1. CURB CUTS SHALL HAVE A MAXIMUM RISE OF 8".
2. THE MAXIMUM SLOPE FOR A CURB RAMP IS 1:12
3. SEE GRADING PLAN FOR ELEVATIONS.
4. ACCESS RAMP AND HANDICAP SYMBOL SHALL BE PAINTED WHITE. H.C. SYMBOL SHALL BE 5' HIGH.
5. DIMENSION ARE TO THE CENTERLINE OF MARKINGS.
6. BLUE PAVEMENT MARKINGS SHALL BE TINTED TO MATCH SHADE 15180 OF FEDERAL STANDARDS 595A.
7. THE FTP-22-06 PANAL SHALL BE MOUNTED BELOW THE FTP-21-06 SIGN.

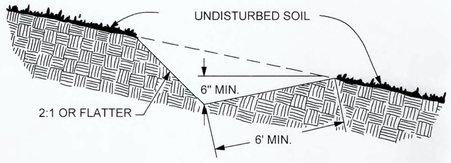
TYPICAL HANDICAP PARKING SPACES
N.T.S.



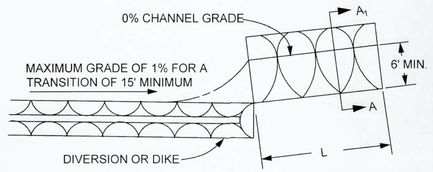
DITCH PAVING
N.T.S.



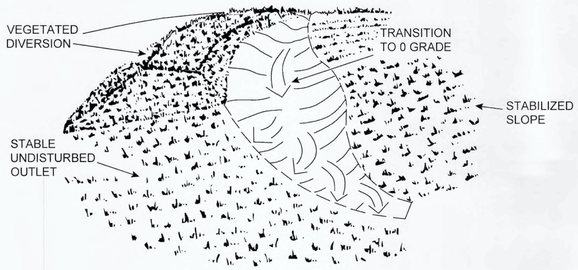
PAVEMENT REPLACEMENT-
CONCRETE ROADWAY OR SPILLWAY
(IN ACCORDANCE WITH FP-92 REQUIREMENTS)
NTS



SECTION A-A_1



PLAN



ISOMETRIC VIEW - (NTS)

LEVEL SPREADER

THE MINIMUM ACCEPTABLE WIDTH SHALL BE 6 FEET. THE DEPTH OF THE LEVEL SPREADER AS MEASURED FROM THE LIP SHALL BE AT LEAST 6 INCHES AND THE DEPTH SHALL BE UNIFORM ACROSS THE ENTIRE LENGTH OF THE MEASURE.

THE GRADE OF THE CHANNEL FOR THE LAST 15 FEET OF THE DIKE OR DIVERSION ENTERING THE LEVEL SPREADER SHALL BE LESS THAN OR EQUAL TO 1%. THE LEVEL LIP SHALL BE CONSTRUCTED ON ZERO PERCENT GRADE TO INSURE UNIFORM SPREADING OF STORM RUNOFF (CONVERTING CHANNEL FLOW TO SHEET FLOW).

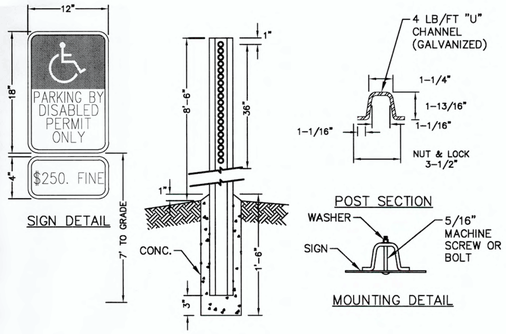
LEVEL SPREADERS MUST BE CONSTRUCTED ON UNDISTURBED SOIL (NOT ON FILL).

THE ENTRANCE TO SPREADER SHALL BE GRADED IN A MANNER TO INSURE THAT RUNOFF ENTERS DIRECTLY ONTO THE ZERO PERCENT GRADED CHANNEL.
STORM RUNOFF CONVERTED TO SHEET FLOW MUST DISCHARGED ONTO UNDISTURBED STABILIZED AREAS. ALL DISTURBED AREAS SHALL BE VEGETATED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETED. REFER TO SPECIFICATIONS DS3 AND DS4 - DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION AND SODDING), RESPECTIVELY AND MB - MATTING AND BLANKETS.

MAINTENANCE

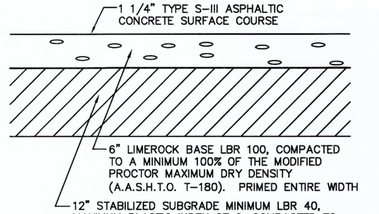
Periodic inspection and maintenance must be provided.

LEVEL SPREADER
N.T.S.



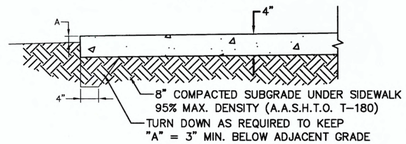
HANDICAPPED SIGN & POST DETAILS
N.T.S.

NOTES:
1. TOP PORTION SHALL HAVE A REFLECTIVE BLUE BACKGROUND WITH REFLECTIVE WHITE SYMBOL AND BORDER.
2. BOTTOM PORTION SHALL HAVE A REFLECTIVE WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
3. PENALTY SIGN SHALL HAVE A REFLECTIVE BLUE BACKGROUND WITH REFLECTIVE WHITE LEGEND AND BORDER.



NOTES:
1. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED.
2. SOIL ANALYSIS MAY INDICATE THE NEED FOR THICKER BASE COURSES THAN THOSE HEREIN. THE PAVEMENT THICKNESS SHOWN HEREIN ARE NOT INTENDED TO BE ABSOLUTE, BUT ARE PRELIMINARY CRITERIA AND MAY BE MODIFIED TO ACCOMMODATE THE BEARING CAPACITY OF VARIOUS SUBGRADES.
3. ALL ASPHALTIC CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 331 AND/OR 333, FDOT STANDARD SPECIFICATIONS, LATEST EDITION.
4. THE ASPHALTIC CONCRETE PAVEMENT CONSTRUCTION SHALL MEET THE REQUIREMENTS SPECIFIED IN THE CITY OF JACKSONVILLE LAND DEVELOPMENT CODE SECTION 3.3.1 (ROADWAY PAVEMENT REQUIREMENTS).

TYPICAL PAVEMENT SECTION
N.T.S.



NOTES:
1. CONSTRUCT STRAIGHT JOINTS WITH FACE PERPENDICULAR TO SURFACE OF CONCRETE. TRAVERSE JOINTS SHALL BE AT RIGHT ANGLES TO CENTERLINE UNLESS OTHERWISE INDICATED ON PLANS.
2. PROVIDE EXPANSION JOINTS AT 100' INTERVAL MAXIMUM SPACING ON CENTER.
3. PROVIDE EXPANSION JOINTS FILLER FOR JOINTS ABUTTING CURBS, CATCH BASINS, MANHOLES, INLETS STRUCTURES, WALKS AND OTHER FIXED OBJECTS UNLESS OTHERWISE INDICATED ON PLANS.
4. EXTEND JOINTS FILLER FULL WIDTH AND DEPTH OF JOINT, AND ½" BELOW FINISHED SURFACE. PLACE SEALANT OVER JOINT FILLER PER MANUFACTURERS RECOMMENDATIONS.
5. USE PREMOLDED ASPHALT-IMPREGNATED FIBERBOARD, ½" THICK CONFORMING TO ASTM D1751.
6. CONTRACTION JOINT SHALL BE SAW CUT (¼" WIDE BY 1" DEEP).
7. FINISHED SURFACE FOR CONCRETE SIDEWALK SHALL BE GRAY CONCRETE WITH LIGHT BROOM FINISH PERPENDICULAR TO LINE OF TRAFFIC.
8. PROVIDE CRACK CONTROL JOINTS @(SAME AS WIDTH) O.C.
9. PROVIDE 16" STRIP SOD ADJACENT TO ALL EDGES OF SIDEWALK, CURB AND PAVEMENT AREAS.
10. CONCRETE COMPRESSION STRENGTH 3000 P.S.I. @ 28 DAYS
11. SIDEWALK TO BE CONSTRUCTED WITH SLOPES COMPLYING TO WITH LATEST ADA CODE AND FDOT INDEX 304. SIDEWALK MAX VERTICAL SLOPE OF 5.0% AND MAX CROSS SLOPE OF 2.0%

CONCRETE WALK
N.T.S.

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PROJECT:
PAUL E. JOSEPH
BASEBALL STADIUM AND
SPORT COMPLEX
ST. CROIX, U.S.V.I.

DRAWING INFORMATION:
PAVING AND DRAINAGE DETAILS

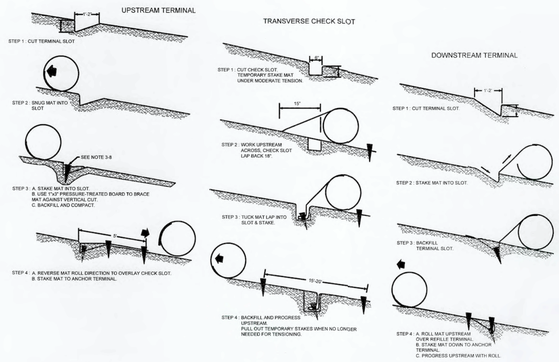
PROFESSIONAL ENGINEER
RICHARD C. WELCH
670-PE
VIRGIN ISLANDS
RICHARD C. WELCH, P.E.
FL. P.E. # 67910 PE
U.S.S. VIRGIN ISLANDS

DATE: 05-08-2020
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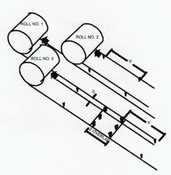
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SHEET NUMBER:
C-10

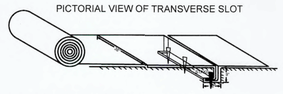
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SEQUENTIAL ROLL RUN OUT IN CHANNELS



PICTORIAL VIEW OF TRANSVERSE SLOT



INSTALLATION INSTRUCTIONS

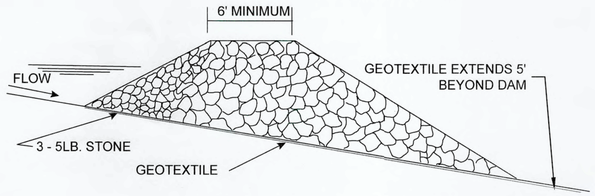
1. START AT DOWNSTREAM TERMINAL AND PROGRESS UPSTREAM.
2. FIRST ROLL IS CENTERED LONGITUDINALLY IN MID CHANNEL AND PINNED WITH TEMPORARY STAKES TO MAINTAIN ALIGNMENT.
3. SUBSEQUENT ROLLS FOLLOW IN STAGGERED SEQUENCE BEHIND FIRST ROLL. FOR ALIGNMENT TO CHANNEL CENTER.
4. WORK OUTWARDS FROM CHANNEL CENTER TO EDGE.
5. USE 3" OVERLAP AND STAKE AT 5' INTERVAL ALONG SEAMS.
6. USE 3" OVERLAPS AND SHINGLE DOWNSTREAM TO CONNECT LINING AT ROLL ENDS.

EROSION CONTROL MATTING AND BLANKETS

N.T.S.



NOTE: SEDIMENT TRAP IS TO BE CLEANED OUT WHEN VOLUME BECOMES HALF FULL.



NOTE: ROCK SIZE DETERMINED ACCORDING TO SPECIFICATIONS SET FORTH IN APPENDIX C OF THE GREEN BOOK.

ROCK FILTER DAM

DESIGN STANDARDS:

DRAINAGE AREA
THE DRAINAGE AREA TO THE DAM SHALL NOT EXCEED 50 ACRES.

HEIGHT
THE DAM SHOULD NOT BE HIGHER THAN THE CHANNEL BANKS OR EXCEED THE ELEVATION OF THE UPSTREAM PROPERTY LINE. THE CENTER OF THE ROCK DAM SHOULD BE AT LEAST SIX INCHES LOWER THAN THE OUTER EDGES OF THE DAM AT THE CHANNEL BANKS.

SIDE SLOPES
THE SIDE SLOPES SHALL BE 2:1 OR FLATTER.

LOCATION
THE DAM SHALL BE LOCATED AS CLOSE TO THE SOURCE OF SEDIMENT AS POSSIBLE AND SO THAT IT WILL NOT CAUSE WATER TO BACK UP ON UPSTREAM ADJACENT PROPERTY. STONE SIZE: THE STONE SIZE SHALL BE DETERMINED BY THE RIPRAP SIZING CRITERIA IN APPENDIX C OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. THE ROCK DAM CAN BE FACED WITH SMALLER STONE ON THE UPSTREAM SIDE FOR ADDITIONAL FILTERING EFFECT. HOWEVER, THIS MAY MAKE THE DAM MORE PRONE TO CLOGGING.

TOP WIDTH
THE WIDTH ACROSS THE TOP OF THE DAM SHOULD BE NO LESS THAN 6 FEET.

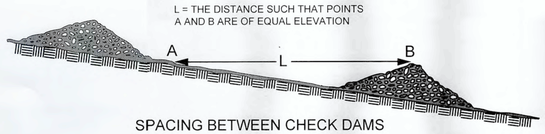
GEOTEXTILE
GEOTEXTILES SHOULD BE USED AS A SEPARATOR BETWEEN THE GRADED STONE, THE SOIL BASE, AND THE ABUTMENTS. THE GEOTEXTILE WILL PREVENT THE MIGRATION OF SOIL PARTICLES FROM THE SUBGRADE INTO THE GRADED STONE. THE GEOTEXTILE SHALL BE SPECIFIED IN ACCORDANCE WITH AASHTO M288-96 SECTION 7.5, PERMANENT EROSION CONTROL RECOMMENDATIONS. THE GEOTEXTILE SHOULD BE PLACED IMMEDIATELY ADJACENT TO THE SUBGRADE WITHOUT ANY VOIDS AND EXTEND FIVE FEET BEYOND THE DOWNSTREAM TOE OF THE DAM TO PREVENT SCOUR.

MAINTENANCE
ROCK DAMS SHOULD BE REMOVED ONCE DISTURBED AREAS HAVE BEEN STABILIZED. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED. SEDIMENT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF ONE-HALF OF THE ORIGINAL HEIGHT OF THE DAM.

TO BE SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN
1. FIGURE 6-18.1, NOTING ROCK SIZE AS SPECIFIED IN APPENDIX C.

ROCK FILTER DAM

N.T.S.

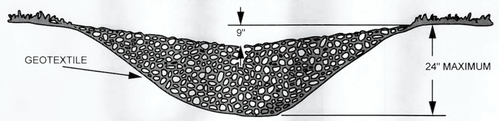


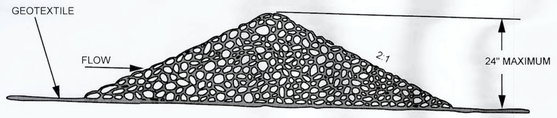
SPACING BETWEEN CHECK DAMS

STONE CHECK DAMS

STONE CHECK DAMS SHOULD BE CONSTRUCTED OF GRADED SIZE 2-10" STONE. MECHANICAL OR HAND PLACEMENT SHALL BE REQUIRED TO INSURE COMPLETE COVERAGE OF ENTIRE WIDTH OF DITCH OR SWALE, AND THAT CENTER OF DAM IS LOWER THAN EDGES.

STONE CHECK DAM

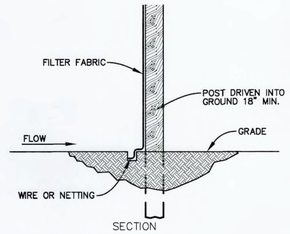




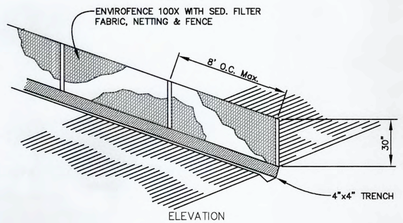
MAINTENANCE
PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED. SEDIMENT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF ONE-HALF THE ORIGINAL DAM HEIGHT OR BEFORE. IF THE AREA IS TO BE MOWED, CHECK DAMS SHALL BE REMOVED ONCE FINAL STABILIZATION HAS OCCURRED. OTHERWISE, CHECK DAMS MAY REMAIN IN PLACE PERMANENTLY. AFTER REMOVAL, THE AREA BENEATH THE DAM SHALL BE SEEDED AND MULCHED IMMEDIATELY.

CHECK DAM (STONE)

N.T.S.



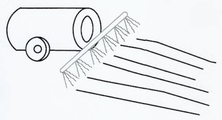
SECTION



ELEVATION

SILT FENCE DETAIL

N.T.S.



TEMPORARY METHODS

MULCHES. SEE STANDARD DS1 - DISTURBED AREA STABILIZATION (WITH MULCHING ONLY). SYNTHETIC RESINS MAY BE USED INSTEAD OF ASPHALT TO BIND MULCH MATERIAL. REFER TO STANDARD TB-TACKIFIERS AND BINDERS. RESINS SUCH AS CURASOL OR TERRATACK SHOULD BE USED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

VEGETATIVE COVER. SEE STANDARD DS2 - DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING).

SPRAY-ON ADHESIVES. THESE ARE USED ON MINERAL SOILS (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS. REFER TO STANDARD TB-TACKIFIERS AND BINDERS.

TILLAGE. THIS PRACTICE IS DESIGNED TO ROUGHEN AND BRING CLODS TO THE SURFACE. IT IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE WIND EROSION STARTS.

IRRIGATION. THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS WET. REPEAT AS NEEDED.

BARRIERS. SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, CRATE WALLS AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALS OF ABOUT 15 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING WIND EROSION.

CALCIUM CHLORIDE. APPLY AT RATE THAT WILL KEEP SURFACE MOIST. MAY NEED RETREATMENT.

PERMANENT METHODS

PERMANENT VEGETATION. SEE STANDARD DS3 -DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION). EXISTING TREES AND LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.

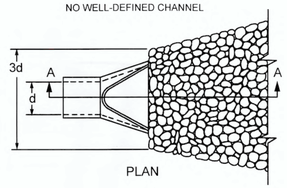
TOPSOILING. THIS ENTAILS COVERING THE SURFACE WITH LESS EROSIVE SOIL MATERIAL. SEE STANDARD TP - TOPSOILING.

STONE. COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL. SEE STANDARD CR-CONSTRUCTION ROAD STABILIZATION.

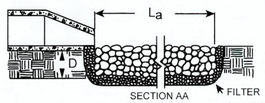
DUST CONTROL

N.T.S.

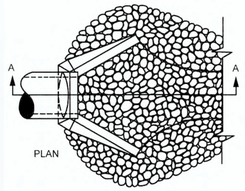
PIPE OUTLET TO FLAT AREA- NO WELL-DEFINED CHANNEL



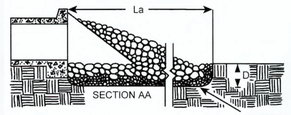
PLAN



PIPE OUTLET TO WELL-DEFINED CHANNEL



PLAN



DETAILS MODIFIED FROM VA SWCC

NOTES ON DETAILS

1. L_a IS THE LENGTH OF THE RIPRAP APRON.
2. D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
3. IN A WELL-DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OF TO THE TOP OF THE BANK, WHICHEVER IS LESS.
4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

APRON LENGTH AND THICKNESS

THE APRON LENGTH AND d_{50} STONE MEDIAN SIZE, SHALL BE DETERMINED FROM THE CURVES ACCORDING TO THE TAILWATER CONDITIONS:

MINIMUM TAILWATER- USE FIG. 6-24.1

MAXIMUM TAILWATER- USE FIGURE 6-24.2

MAXIMUM STONE SIZE= 1.5 x d_{50}

APRON THICKNESS= 1.5 x dmax

CONSTRUCTION SPECIFICATIONS

1. ENSURE THAT THE SUBGRADE FOR THE FILTER AND RIPRAP FOLLOWS THE REQUIRED LINES AND GRADES SHOWN IN THE PLAN. COMPACT ANY FILL REQUIRED IN THE SUBGRADE TO THE DENSITY OF THE SURROUNDING UNDISTURBED MATERIAL. LOW AREAS IN THE SUBGRADE ON UNDISTURBED SOIL MAY ALSO BE FILLED BY INCREASING THE RIPRAP THICKNESS.
2. THE RIPRAP AND GRAVEL FILTER MUST CONFORM TO THE SPECIFIED GRADING LIMITS SHOWN ON THE PLANS.
3. GEOTEXTILE MUST MEET DESIGN REQUIREMENTS AND BE PROPERLY PROTECTED FROM PUNCHING OR TEARING DURING INSTALLATION. REPAIR ANY DAMAGE BY REMOVING THE RIPRAP AND PLACING ANOTHER PIECE OF FILTER FABRIC OVER THE DAMAGED AREA. ALL CONNECTING JOINTS SHOULD OVERLAP A MINIMUM OF 1 FT. IF THE DAMAGE IS EXTENSIVE, REPLACE THE ENTIRE FILTER FABRIC.
4. RIPRAP MAY BE PLACED BY EQUIPMENT, BUT TAKE CARE TO AVOID DAMAGING THE FILTER FABRIC.
5. THE MINIMUM THICKNESS OF THE RIPRAP SHOULD BE 1.5 TIMES THE MAXIMUM STONE DIAMETER.
6. CONSTRUCT THE APRON ON ZERO GRADE WITH NO OVERFALL AT THE END. MAKE THE TOP OF THE RIPRAP AT THE DOWNSTREAM END LEVEL WITH THE RECEIVING AREA OR SLIGHTLY BELOW IT.
7. ENSURE THAT THE APRON IS PROPERLY ALIGNED WITH THE RECEIVING STREAM AND PREFERABLY STRAIGHT THROUGHOUT ITS LENGTH. IF A CURVE IS NEEDED TO FIT SITE CONDITIONS, PLACE IT IN THE UPPER SECTION OF THE APRON.
8. IMMEDIATELY AFTER CONSTRUCTION, STABILIZE ALL DISTURBED AREAS WITH VEGETATION.
9. STONE QUALITY - SELECT STONE FOR RIPRAP FROM FIELD STONE OR QUARRY STONE. THE STONE SHOULD BE HARD, ANGULAR, AND HIGHLY WEATHER-RESISTANT. THE SPECIFIC GRAVITY OF THE INDIVIDUAL STONES SHOULD BE AT LEAST 2.5.
10. FILTER - INSTALL A FILTER TO PREVENT SOIL MOVEMENT THROUGH THE OPENINGS IN THE RIPRAP. THE FILTER SHOULD CONSIST OF A GRADED GRAVEL LAYER OR A SYNTHETIC FILTER CLOTH. SEE APPENDIX C, P. C-1.

MAINTENANCE

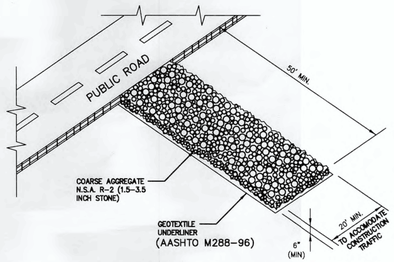
INSPECT RIPRAP OUTLET STRUCTURES AFTER HEAVY RAINS TO SEE IF ANY EROSION AROUND OR BELOW THE RIPRAP HAS TAKEN PLACE OR IF STONES HAVE BEEN DISLODGED. IMMEDIATELY MAKE ALL NEEDED REPAIRS TO PREVENT FURTHER DAMAGE.

TO BE SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN

1. THE FLOW CHARACTERISTICS OF THE PIPE AT FULL FLOW INCLUDING PIPE DIAMETER, FLOW RATE (CFS), VELOCITY (FPS), AND TAILWATER CONDITION

2. THE DIMENSIONS OF THE APRON INCLUDING LENGTH (La), WIDTH AT THE HEADWALL (W_1), DOWNSTREAM WIDTH (W_2), AVERAGE STONE DIAMETER (d_{50}), MAX STONE SIZE (dmax) AND STONE DEPTH (D) DESIGNED IN ACCORDANCE WITH FIGURES 6-24.1 AND 6- 24.2 IN GREEN BOOK.

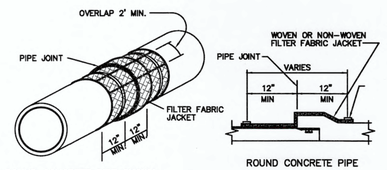
STORM DRAIN OUTLET PROTECTION



1. LOCATE STONE STABILIZED PAD AT ANY POINT WHERE VEHICULAR TRAFFIC WILL BE LEAVING THE CONSTRUCTION SITE ONTO A PUBLIC RIGHT-OF-WAY, STREET, ALLEY, SIDEWALK, OR PARKING AREA OR ANY OTHER AREA WHERE THERE IS A TRANSITION FROM BARE SOIL TO A PAVED AREA.
2. WIDTH – 20'-0 MINIMUM BUT NOT LESS THAN FULL WIDTH OF ALL POINTS OF VEHICULAR EGRESS. LENGTH – 50'-0 MINIMUM
3. MAINTAIN THE EXIT TO PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. PROVIDE PERIODIC TOP DRESSING WITH 1.5 – 3.5" STONE, AS CONDITIONS DEMAND. IMMEDIATELY REMOVE ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE OR SITE ONTO ROADWAY OR INTO STORM DRAINS. CLEAN WHEELS TO REMOVE MUD PRIOR TO ENTRANCE ON TO PUBLIC RIGHTS-OF-WAY.
4. WHEN WASHING IS REQUIRED, DO SO ON AREAS STABILIZED WITH CRUSHED STONE DRAINING INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

CONSTRUCTION ENTRANCE / EXIT

N.T.S.



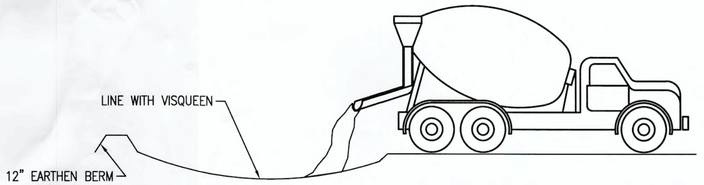
ROUND CONCRETE PIPE SHOWN — ISOMETRIC VIEW

ROUND CONCRETE PIPE — PIPE SECTION

COST OF FILTER FABRIC TO BE INCLUDED IN COST OF PIPE CULVERTS.

FILTER FABRIC JACKET DETAIL

N.T.S.



DESIGNATE WASHDOWN AREA AND EXCAVATE PIT LARGE ENOUGH TO CONTAIN WASHDOWN WATER. THIS MUST BE AWAY FROM STORM DRAINS AND WATERWAYS.

ADVISE CONCRETE TRUCK DRIVERS OF THE DESIGNATED WASH-OUT AREAS BEFORE THEY START THE JOB.

LINE PIT WITH VISQUEEN FOR EASE OF CONTAINMENT AND REMOVAL.

WASHDOWN CHUTE, HOPPER, AND REAR OF VEHICLE ONLY. DO NOT WASH OUT DRUM

ENSURE THAT ALL WASHDOWN WATER STAYS IN PIT.

DISPOSE OF SETTLED, HARDENED CONCRETE IN GARBAGE WITH OTHER CONSTRUCTION DEBRIS.

NEVER DISPOSE OF WASHDOWN WATER IN STREETS, STORM DRAINS, OR STREAMS.

CONCRETE WASHDOWN

N.T.S.

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PROJECT: PAUL E. JOSEPH BASEBALL STADIUM AND SPORT COMPLEX ST. CROIX, U.S.V.I.

DRAWING INFORMATION: EROSION CONTROL DETAILS

DATE: 05-08-2020
DRAWN BY: ANB

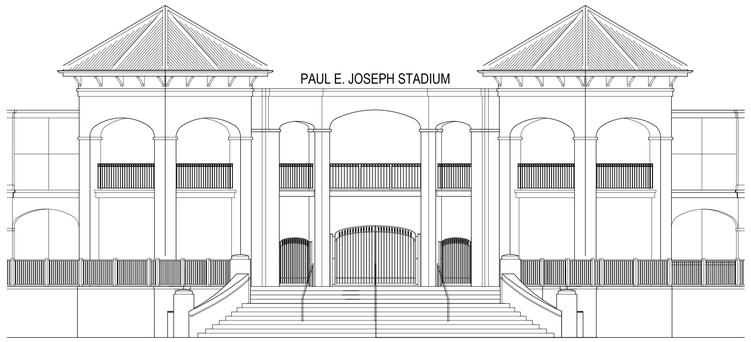
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SHEET NUMBER: C-11

PROFESSIONAL ENGINEER * RICHARD C. WELCH 679C-PE *

RICHARD C. WELCH, P.E.
FL. P.E. # 679C-PE
U.S. VIRGIN ISLANDS

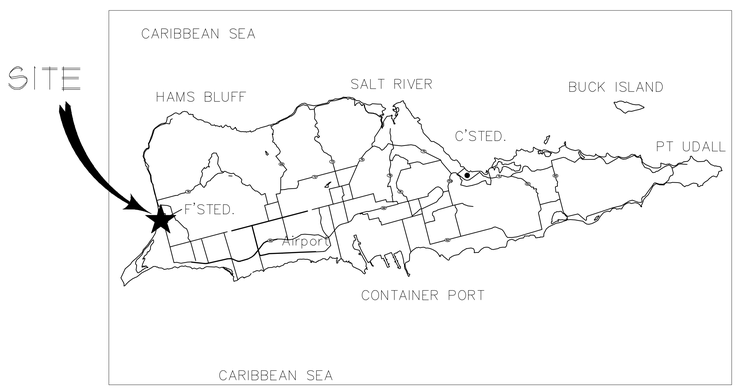
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PAUL E. JOSEPH BASEBALL STADIUM AND SPORTS COMPLEX

FREDERIKSTED ST. CROIX, U.S.V.I.

LOCATION MAP



Steven E. Hutchins Architects Inc.
ARCHITECT

CONSTRUCTION DOCUMENTS

5-08-2020

REGISTERED ARCHITECT STEVEN E. HUTCHINS U.S. VIRGIN ISLANDS

CIVIL

C-1 COVER
SITE SURVEY (BY OTHERS)
C-2 GENERAL NOTES
C-3 DEMOLITION PLAN
C-4 SEDIMENT EROSION CONTROL PLAN
C-5 SITE PLAN
C-6 WATER AND SEWER PLAN
C-7 GRADING PLAN
C-8 POTABLE WATER DETAILS
C-9 SANITARY DETAILS
C-10 PAVING AND DRAINAGE DETAILS
C-11 EROSION CONTROL DETAILS

LANDSCAPE

LS.00 COVER/TITLE SHEET/GENERAL NOTES
LS.01 EXISTING OVERALL SITE SURVEY / DEMOLITION PLAN

ARCHITECTURAL

A0.00 COVER/TITLE SHEET
A0.01 DRAWING LIST AND ABBREVIATIONS
A0.02 LEGENDS, BUILDING CODE REVIEW AND MISC. NOTES
A0.03 FIELD LEVEL - LIFE SAFETY PLAN
A0.04 CONCOURSE LEVEL - LIFE SAFETY PLAN
A0.11 CONCEPT SITE PLAN
A0.12 SLAB PERIMETER PLAN

A1.10 FIELD LEVEL OVERALL FLOOR PLAN
A1.11 FIELD LEVEL PART PLAN A
A1.12 FIELD LEVEL PART PLAN B
A1.13 FIELD LEVEL PART PLAN C
A1.14 CONCOURSE LEVEL OVERALL FLOOR PLAN
A1.15 CONCOURSE LEVEL PART PLAN A
A1.16 CONCOURSE LEVEL PART PLAN B
A1.17 CONCOURSE LEVEL PART PLAN C
A1.18 OVERALL ROOF PLAN
A1.19 CONCOURSE LEVEL FLOOR DRAINAGE PLAN
A1.20 CANOPY SECTION

A2.01 WEST, SOUTH AND ENTRANCE ELEVATIONS
A2.02 NORTH AND EAST BUILDING ELEVATIONS
A2.03 DANISH ARCH ELEVATIONS AND EFIS BANDING
A2.11 MISC. BUILDING SECTIONS
A2.12 BUILDING SECTIONS

A3.01 GRAND STAIR PLAN, SECTIONS AND ELEVATION
A3.02 STAIR 1 & 2 PLANS, ELEVATIONS AND DETAILS
A3.03 STAIR 3 & 4 PLANS, ELEVATIONS AND DETAILS
A3.04 ELEVATOR PLANS, SECTIONS AND MISC. DETAILS

A4.01 WALL SECTIONS AND FOAM BANDING
A4.02 WALL SECTIONS
A4.03 TYPICAL WALL TYPES

A5.01 FIELD SITE PLAN AND DETAILS
A5.02 FIELD SITE DETAILS
A5.03 FIELD SITE DETAILS
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E2.1 FIELD LEVEL (PLAN 'B') ELEC. POWER AND SYSTEMS
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E2.3 CONCOURSE LEVEL (PLAN 'A') ELEC. POWER AND SYSTEMS
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E4.1 ELECTRICAL DETAILS
E4.2 ELECTRICAL DETAILS

ARCHITECTURAL ABBREVIATIONS

A	
A	AMPERES
AB	ANCHOR BOLTS
ABV	ABOVE
A/C	AIR CONDITIONING
ACT	ACOUSTICAL TILE
ADD.	ADDENDUM
ADD'L	ADDITIONAL
ADJ	ADJACENT
A.F.F.	ABOVE FINISH FL.
AGGR.	AGGREGATE
AL	ALUMINUM
ALC	ALCOVE
ALT	ALTERNATE
ANOD.	ANODIZED
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
B	
BD	BOARD
BF	BACKFACE
BG	BUMPER GUARD
BLDG.	BUILDING
BLK	BLOCK
BLKG.	BLOCKING
BM	BEAM
BR	BEDROOM
BRG	BEARING
BRK	BRICK
BRZ	BRONZE
BSMT.	BASEMENT
BUR	BUILT UP ROOF
BW	BEARING WALL
C	
C	CONDUIT
CAP	CAPACITY
CDR	CARD READER
CEM	CEMENT
CER	CERAMIC
C.I.P.	CAST IN PLACE
CG	CORNER GUARD
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONC. MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
COMM	COMMUNICATIONS
CONC.	CONCRETE
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
COOR.	CORRIDOR
CPT	CARPET
CR	CRASH RAIL

C (CONT.)	
CSK	COUNTERSUNK
CT	CERAMIC TILE
CTD	CENTERED
CTYRD	COURTYARD
CW	COLD WATER
D	
D	DEPTH
DBL.	DOUBLE
DET.	DETAIL
DIA	DIAMETER
DIM.	DIMENSION
DIV.	DIVISION
DL	DEAD LOAD
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DWG	DRAWING
DWLS	DOWELS
E	
EA	EACH
EF	EACH FACE
EIFS	EXT. INSUL. AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC.	ELECTICAL
ELEV.	ELEVATOR
EOS	EDGE OF SLAB
EXP	EXPANSION
EQ	EQUAL
EQUIP	EQUIPMENT
ESC	ESCALATOR
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXIST.	EXISTING
EXP BLT	EXPANSION BOLT
EXT.	EXTERIOR
F	
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FIN. FL.	FINISH FLOOR
FIN.	FINISH (ED)
FIX.	FIXTURE
FLR	FLOOR
FIN	FINISH
FLOUR	FLOURESCENT

F (CONT.)	
FLSHG	FLASHING
FR	FRAME/FRAMING
FT	FOOT
FTG	FOOTING
FV	FIELD VERIFY
G	
GA	GAGE/GAUGE
GALV.	GALVANIZED
GEN	GENERATOR
G.F.I.	GROUND FAULT INTER.
GL	GLASS
GND	GROUND
GR	GRADE
GYP. BD.	GYPSUM WALL BOARD
H	
HB	HOSE BIB
HC	HOLLOW CORE
HDW	HARDWARE
H.	HORIZONTAL
HR	HOUR
HT	HEIGHT
HM	HOLLOW METAL
HVAC	HEATING, VENT. & AC
HW	HOT WATER
I	
IBC	INTERNATIONAL BLDG. CODE
ID	INSIDE DIAMETER
IN (")	INCHES
INCL	INCLUE(D)/ICLUDING
INFO	INFORMATION
INSUL.	INSULATION
INT.	INTERIOR
INV.	INVERT
J	
JAN.	JANITOR
JST	JOIST
JT	JOINT
K	
K	KIPS (1,000 LB)
KIT.	KITCHEN
KO	KNOCK OUT
KP	KICK PLATE
KVA	KILOVOLTAMPERES
L	
LAV	LAVATORY
LF	LINEAR FOOT
LG	LONG
LH	LEFT HAND

L (CONT.)	
LL	LIVE LOAD
LOC	LOCATION
LP	LOW POINT
LT	LIGHT
LWC	LIGHTWEIGHT CONC.
M	
MAS	MASONRY
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIB.
MECH	MECHANICAL
MEMB.	MEMBRANE
MEP	MECH., ELEC. & PLUMBING
MFG	MANUFACTURED
MH	MAN HOLE
MHW	MEAN HIGH WATER
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MO.	MASONRY OPENING
MSL	MEAN SEA LEVEL
MTL	METAL
MTNG.	MOUNTING
N	
NA	NOT AVAILABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOA	NOTICE OF ACCEPTANCE
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
O	
OA	OVER ALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OH	OVERHEAD
OPG	OPENING
O.H.	OPPOSITE HAND
OPP	OPPOSITE
OSF	OUTSIDE FACE
P	
PC	PRECAST CONCRETE
PKG	PARKING
PL	PLATE
PLAM	PLASTIC LAMINATE
PLUM	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
PROJ	PROJECT/PROJECTED
PP	PUSH PLATE

P (CONT.)	
POL	POLISHED
PR	PAIR
PREFAB	PREFABRICATED
PSF	POUNDS PER SQ. FT.
PT	PRESSURE TREATED
PTD	PAINTED
PTN	PARTITION
R	
R	RISER
RAD	RADIUS
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFERENCE
REINF	REINFORCE
RFG	ROOFING
RH	RIGHT HAND
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RTU	ROOF TOP UNIT
RND	ROUND
S	
SA	SUPPLY AIR
SC	SOLID CORE
SECT.	SECTION
SF	SQUARE FOOT
S/H	SINGLE HUNG
SHT	SHEET
SHWR.	SHOWER
SIM	SIMILAR
S.G.D.	SLIDING GLASS DR.
SL	SLA
SOG	SLAB ON GRADE
SP	STAND PIPE
SPA	SPACE / SPACING
SPEC	SPECIFICATIONS
SQ	SQUARE
ST.ST.	STAINLESS STEEL
SSF	SOLID SURFACE
STC	SOUND TRANS COEFF.
STD	STANDARD
STL	STEEL
SYM	SYMMETRICAL
SYS	SYSTEM
T	
T	TREAD
TEL	TELEPHONE
T & B	TOP & BOTTOM
T & G	TOUNGE AND GROOVE
THK	THICK(NESS)
T.O.B	TOP OF BEAM

T (CONT.)	
T.O.F.	TOP OF FOOTING
T.O.S	TOP OF SLAB
TW	TOP OF WALL
TV	TELEVISION
TYP	TYPICAL
U	
U/C	UNDER COUNTER
U/G	UNDER GROUND
UNO	UNLESS NOTED OTHERWISE
V	
V	VOLT
VAR	VARIES
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
V.T.F.	VENT THRU ROOF
W	
W/	WITH
W/C	WHEEL CHAIR
W/O	WITHOUT
WD	WOOD
WH	WATER HEATER
WL	WIND LOAD
WP	WORK POINT (WAY)
WWM	WELDED WIRE MESH
W.C.	WATER CLOSET
WP	WATER PROOF(ING)
WWF	WELDED WIRE FAB.
X, Y, & Z	
XFMR	TRANSFORMER

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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
DRAWING LIST AND ABBREVIATIONS

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A0.01

LEGEND

MATERIALS

- CONCRETE/ POURED IN PLACE
- EARTH/ SOIL
- SAND EIFS FINISH COAT OR CEMENT PLASTER
- BRICK
- STONE
- FIBERGLASS INSULATION
- MINERAL WOOL SEMI RIGID INSUL.
- EXPANDED POLYSTYRENE RIGID INSULATION
- EXTRUDED POLYSTYRENE RIGID INSULATION
- POLYISOYANURATE RIGID INSULATION
- CONCRETE/ POURED IN PLACE
- 5-5/8" MTL STUDS W/ CEMENT BOARD EACH SIDE W/ PLASTER FINISH
- 3-5/8" MTL STUDS W/ CEMENT BOARD EACH SIDE W/ PLASTER FINISH

MATERIALS

ROOM NAME — ROOM NAME AND NUMBER (XXX)

- X — EXISTING COLUMN CENTERLINE
- X — COLUMN CENTERLINE
- X — ACCESSORY
- X — DEMOLITION NUMBER NOTES
- A4.Ø1-5 — BUILDING WALL SECTION
- A6.Ø3-1 — ELEVATION
- A4.Ø1-5 — SECTION DETAIL
- A3.Ø2-3 — PLAN BLOW UP DETAIL

CEILING SYMBOLS

- DROP CLG IN GRID
- AC SUPPLY
- AC RETURN
- EXHAUST AIR
- ACCESS PANEL
- 2x4 FLOUR LIGHT
- 2x2 FLOUR LIGHT
- 1x4 FLOUR LIGHT
- SUSPENDED LIGHT FLOUR FIXTURE
- CHANDALIER
- WALL MOUNTED FLOUR. FIXTURE
- EXIT SIGNS - HATCH INDICATES EXIT TEXT AND ARROW INDICATES DIRECTION
- SD — SMOKE DETECTOR
- S — SPEAKER

BUILDING SUMMARY

PROJECT INFORMATION

PROJECT NAME: PAUL E. JOSEPH BASEBALL STADIUM & SPORT COMPLEX
ADDRESS:
PROPOSED USE: BASEBALL STADIUM
OWNER CONTACT PERSON:
PHONE:

APPLICABLE CODES

INTERNATIONAL BUILDING CODE (2017) - BUILDING CODE
INTERNATIONAL BUILDING CODE (2017) - MECHANICAL
INTERNATIONAL BUILDING CODE (2017) - PLUMBING
INTERNATIONAL BUILDING CODE (2017) - ELECTRICAL
INTERNATIONAL FIRE CODE (2017)

REFERENCED STANDARDS

INTERNATIONAL BUILDING CODE (2017) - BUILDING CODE

BUILDING PLANNING

OCCUPANCY: ASSEMBLY GROUP A-5 (SECTION 303.6)
THIS INCLUDES ASSEMBLY USES INTENDED FOR PARTICIPATION IN OR VIEWING:
OUTDOOR ACTIVITIES INCLUDING BUT NOT LIMITED TO: AMUSEMENT PARK STRUCTURES, BLEACHERS, GRANDSTANDS AND STADIUMS.

TYPE OF CONSTRUCTION

CONSTRUCTION TYPE: TYPE II - NON COMBUSTIBLE MATERIALS, UNPROTECTED (B)

ESSENTIAL FACILITY

ESSENTIAL FACILITY : NO

GENERAL BUILDING LIMITATIONS

HIGH RISE: NO

ITEM	ALLOWED/ PROVIDED	
ASSEMBLY A-5, TYPE II (B) (NS) - ALLOWABLE AREA		
HEIGHT OF BUILDING (TABLE 504.3)	55'	35'
HIGHEST OCCUPIED FLOOR (TABLE 504.4)	UNLIMITED	TWO
NUMBER OF STORIES (TABLE 504.4)	UNLIMITED	TWO
MAX SINGLE FLOOR AREA (TABLE 506.2)	UNLIMITED	240,000 Sq.Ft.
FIRE RESISTANT RATING FOR BLDG. ELEMENTS (TABLE 601) PRIMARY STRUCTURE BEARING WALLS (EXTERIOR) BEARING WALLS (INTERIOR)	 0 HRS. 0 HRS. 0 HRS.	 0 HRS. 0 HRS. 0 HRS.
SHAFT ENCLOSURES FIRE RATING (SEC. 713.4)	1 HR.	1 HR.
PARKING SPACES (3 PER 1,000 Sq. Ft. GROSS)		

FIRE PROTECTION SYSTEM

FIRE EXTINGUISHER SYSTEM: NOT REQ'D
SYSTEM PER (903.2.1.5)
STANDARD SYSTEM: NO
SMOKE CONTROL: NO
FIRE ALARM SYSTEM: YES/ PER SECTION 907.2.1 ASSEMBLY (A-5)
FIRE ALARM / VOICE EVAC SYSTEM: YES/PER SECTION 907.2.1.1 ASSEMBLY (A-5)

TYPE: NO AUTOMATIC SPRINKLER SYSTEM PROVIDED

SECTION 903.2.1.5:
NO SPACES ARE REQUIRED TO HAVE AN AUTOMATIC SPRINKLER SYSTEM. NO SINGLE AREA IS IN EXCESS OF 1,000 Sq. Ft.

SECTION 905.3.2:
STAND PIPE NOT REQUIRED DUE TO EXCEPTION 1 - OPEN AIR SEATING SPACE WITHOUT ENCLOSED SPACES

FIRE RESISTANT CONSTRUCTION/ FIREPROOFING SCHEDULE

ITEM	REQUIRED RATING/ HR	UL/FM WHERE APPLICABLE
EXTERIOR WALLS (LOAD BEARING)	0 HR	
NON LOAD BERING	PER IBC	
FIRE/ PARTY WALLS (SEC. 706.4)	N/A	
SHAFTS (SEC. 713.4)	1 HR	
OCCUPANCY SEPARATION	2 HR	
INTERIOR WALLS (LOAD BEARING)	0 HR	
COLUMNS	0 HR	
BEAMS	0 HR	
FLOOR AND CEILING	0 HR	
ROOF AND CEILING	0 HR	

MEANS OF EGREES - CHAPTER 10

OCCUPANCY LOADS: ASSEMBLY WITH FIXED SEATS (SECTION 1004.4)
BASED ON 18" WIDTH/PERSON
ASSEMBLY WITHOUT FIXED SEATS (STANDING): 5/OCC NET
ASSEMBLY UN-CONSENTRATED (TABLE & CHAIRS): 15/OCC NET
BUSINESS AREAS: 100/OCC GROSS
MERCANTILE: 60/OCC GROSS
LOCKER ROOMS: 60/OCC GROSS
STORAGE, MECHANICAL & EQUIP. ROOMS: 300/OCC GROSS

MINIMUM NUMBER OF EXITS PER FLOOR (TABLE 1006.3.1): OVER 1,000 OCC/SHALL BE FOUR (4).
SECTION 1011 STAIRWAYS: MINIMUM WIDTH REQUIRED IS 44".
SECTION 1011.5.2: STAIR TREADS SHALL HAVE A MAX. RISE OF 7" AND A MIN. OF 4". A MIN. TREAD DEPTH OF 11" .
SECTION 1014.2: HANDRAIL HEIGHT SHALL BE NO LESS THAN 34" AND NOT MORE THAN 38".
SECTION 1015.3: GUARD RAILS SHALL BE NO LESS THAN 42" HIGH.
TABLE 1017.2: EXIT ACCESS TRAVEL DISTANCE: 200' WITHOUT SPRINKLER SYSTEM & 250' WITH.
TABLE 1020.2: MINIMUM CORRIDOR WIDTH OF 44" IS REQUIRED.

SECTION 1029 ASSEMBLY:
SECTION 1029.1.1.1: SPACE UNDER BLEACHERS IS UN OCCUPIED
SECTION 1029.7: EXITS & AISLES - TRAVEL DISTANCE FROM SEAT TO THE NEAREST ENTRANCE SHALL BE 200' WITHOUT SPRINKLER SYSTEM.
SECTION 1029.9.1: MIN. AISLES WIDTH - THIRTY THREE (33") INCHES ON AISLES WITH HANDRAILS & AND GUARDRAILS DIVIDING AISLES AND HANDRAILS.

FIRE PROOFING NOTES

1. ALL FIRE RESISTIVE RATINGS ARE ASSUMED TO BE THERMALLY RESTRAINED.
2. ALL BEAMS AND COLUMNS SHALL BE ADJUSTED USING W/D OR A/P RATIOS TO DETERMINE THE CORRECT FIREPROOFING THICKNESS.
3. IFC SECTION 403.2: AN APPROVED FIRE SAFETY AND EVACUATION PLAN IN ACCORDANCE WITH SECTION 404 SHALL BE PREPARED AND MAINTAINED.
4. IFC SECTION 606: ELEVATOR OPERATION SHALL COMPLY WITH THIS CHAPTER AND WITH THE REQUIREMENTS OF CHAPTER 11.
5. IFC SECTION 907.2.1: A MANUAL FIRE ALARM SYSTEM THAT ACTIVATES THE OCCUPANT NOTIFICATION SYSTEM. GROUP "A" WITH OCCUPANTS MORE THAN 1,000 SHALL INITIATE A SIGNAL USING AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM PER SECTION 907.5.2.2..

ACCESSIBILITY - CHAPTER 11

ACCESSIBLE ROUTE (1104.1) : PROVIDE AT LEAST ONE ACCESSIBLE ROUTE WITHIN THE SITE SHALL BE PROVIDED FROM THE PUBLIC TRANSPORTATION TO THE BUILDING (PROVIDED).

ASSEMBLY @ MULTI-STORY BUILDINGS (1104.4): ELEVATOR IS PROVIDED TO COMPLY WITH THIS REQM'T.

MIN. NUMBER OF PARKING ACCESSIBLE SPACES (TABLE 1106.1):
TOTAL # OF PARKING SPACES: 125
TOTAL NUMBER OF ACCESSIBLE SPACES PROVIDED: 5

MIN. NUMBER OF WHEEL CHAIR SEATING (1108):
TABLE 11108.2.2.1: SEATING COUNT OF 1,068
1068 - 500 = 568 (6 SEATS REQ'D)
568/150 = 3.786 SEATS (4 SEATS REQ'D)
TOTAL NUMBER OF ACCESSIBLE SEATS REQUIRED = 10 SEATS

MIN. NUMBER OF TOILET FACILITIES (1109):
SECTION 1109.2 TOILET AND BATHROOM FACILITIES
11O9.2.2 WATER CLOSETS: 5% OF THE TOTAL NUMBER OF FIXTURES.

INTERIOR ENVIRONMENT - CHAPTER 12

INTERIOR SPACE DIMENSIONS (1208): MIN SIZE AND CLEAR DIMENSIONS IN KITCHEN SPACES SHALL HAVE MIN. CLEAR SPAE OF THREE (3) FEET.

TOILET & BATHROOM REQUIREMENTS (1210): MIN. FIXTURES, FLOOR AND WALL FINISHES, SHOWERS AND MIN. CLEAR SPAE OF THREE (3) FEET.

REQUIRED STATEMENT

TO THE BEST OF THE ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE.

PLUMBING FIXURE COUNT		
BASEBALL STADIUM - A-5 OCCUPANCY: 1,068/2 = 544m/w	REQUIRED	PROVIDED
WATER CLOSETS 1 PER 75 MEN /FOR 1st 1,500p 1 PER 40 WOMEN/FOR 1st 1,520p	 8 FIXTURES 14 FIXTURES	 11 FIXTURES 16 FIXTURES
LAVATORIES 1 PER 200 MEN 1 PER 150 WOMEN	 3 FIXTURES 4 FIXTURES	 13 FIXTURES 16 FIXTURES
DRINKING FOUNTAINS 1 PER 1000	 2 FIXTURE	 2 FIXTURE
SERVICE SINKS 1 PER FLOOR	 1 FIXTURE	 1 FIXTURE
TM FIELD STADIUM - A-5 OCCUPANCY: 544/2 = 272m/w	REQUIRED	PROVIDED
WATER CLOSETS 1 PER 75 MEN /FOR 1st 1,500p 1 PER 40 WOMEN/FOR 1st 1,520p	 4 FIXTURES 7 FIXTURES	 6 FIXTURES 8 FIXTURES
LAVATORIES 1 PER 200 MEN 1 PER 150 WOMEN	 2 FIXTURES 2 FIXTURES	 4 FIXTURES 4 FIXTURES
DRINKING FOUNTAINS 1 PER 1000	 1 FIXTURE	 1 FIXTURE
SERVICE SINKS 1 PER FLOOR	 1 FIXTURE	 1 FIXTURE

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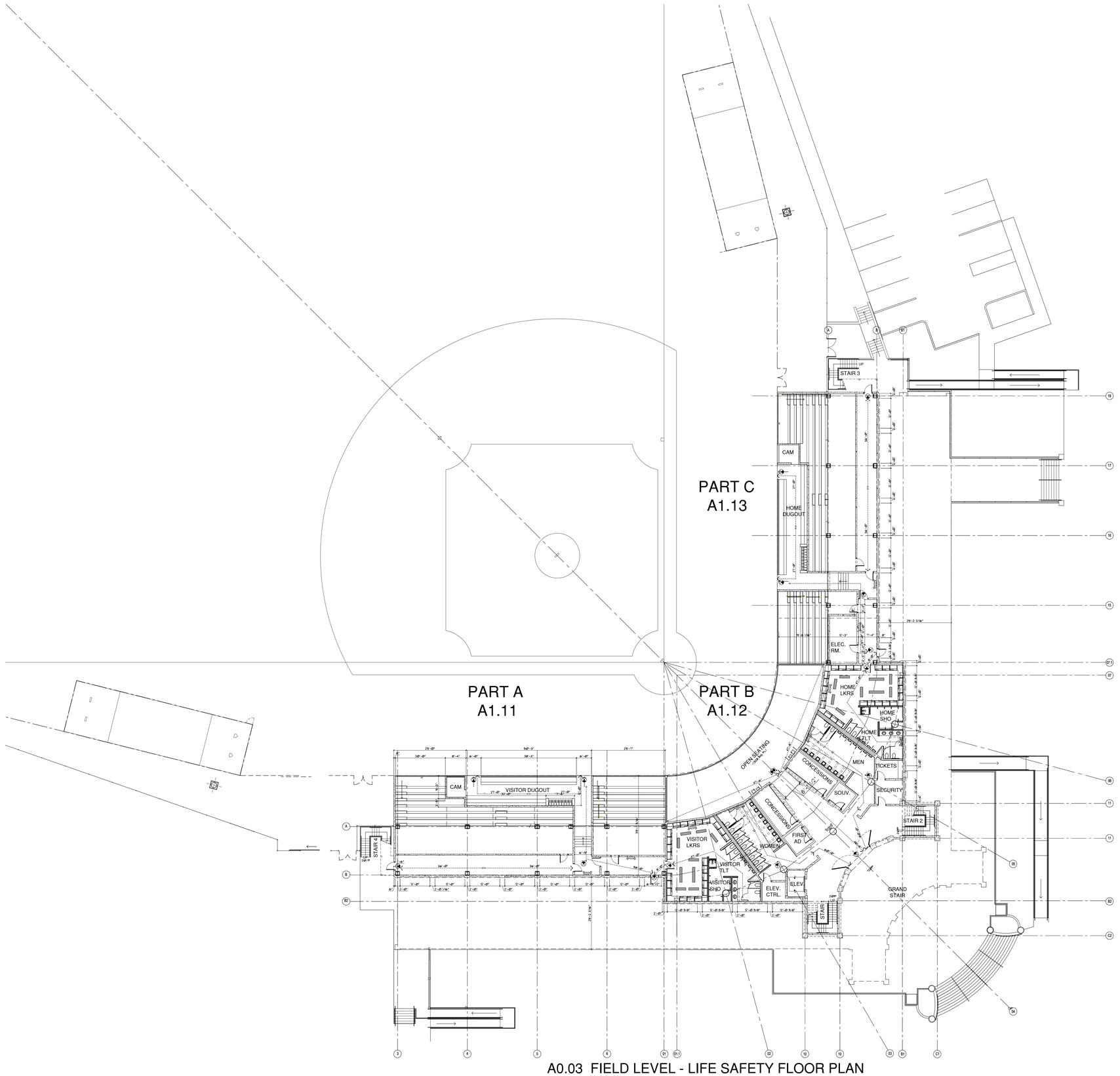
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
LEGENDS, BUILDING CODE REVIEW
AND MISC. NOTES

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A0.02



A0.03 FIELD LEVEL - LIFE SAFETY FLOOR PLAN
1/16" = 1'-0"

LIFE SAFETY PLAN LEGEND

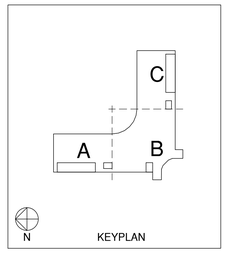
- NAME AND AREA — ROOM NAME 150 SF
- 1 HR FIRE BARRIER
- 1 HR FIRE/SMOKE BARRIER
- 2 HR FIRE BARRIER
- 2 HR FIRE/SMOKE BARRIER
- SMOKE PARTITION (NON RATED)
- NON RATED WALL
- SMOKE COMPARTMENT WALL
- HORIZONTAL EXIT WALL
- OCCUPANCY SEPERATION WALL
- FIRE DEPT. CONNECTION — FDC, HMO
- FIRE EXTINGUISHER CABINET — FEC
- FIRE EXTINGUISHER
- TRAVEL DISTANCE FROM THE MOST REMOTE POINT TO THE CLOSET EXIT — XX'-X"
- TRAVEL DISTANCE WITHIN A SMOKE ZONE TO AN ADJACENT SMOKE ZONE — XX'-X"
- EXIT SYMBOL
- EMERGENCY LIGHT

- EXIT ENCLOSURE
- EXIT CORRIDOR
- SUITE
- BUSINESS OCCUPANCY
- ASSEMBLY
- STORAGE
- GARAGE
- RETAIL
- GARAGE
- EXIT SIGN - HATCH INDICATES EXIT, TEXT AND ARROW INDICATES DIRECTION

CODE REVIEW SUMMARY - THIS LEVEL

	AREA SF	OCC. USE	OCCUPANT LOAD FACTOR PER PERSON	FIXED SEATING ASSEMBLY	# OF FIXED SEATS	OCCUPANT LOAD
SEATING "A"	-	A-5	SEE CONC. LEVEL	18"/OCC.	-	-
SEATING "C"	-	A-5	SEE CONC. LEVEL	18"/OCC.	-	-
HOME LOCKER	814	LC	60/OCC GROSS			14 (24)
VISITOR LOCKER	788	LC	60/OCC GROSS			14 (24)
CONCESSIONS #01	130	M	60/OCC GROSS			3
CONCESSIONS #02	130	M	60/OCC GROSS			3
FIRST AID	73	B	100/OCC GROSS			1
SOUVERNERS	73	M	60/OCC GROSS			2
TICKET OFFICE	83	B	100/OCC. GROSS			1
SECURITY	104	B	100/OCC. GROSS			2
ELECTRICAL RM.	136	S	300/OCC. GROSS			1
OPEN SEATING	1,528	A-5	15/OCC.			101
MEN'S TOILET	560	N/C	N/C			0
WOMEN'S TOILET	560	N/C	N/C			0
ELEVATOR	202	N/C	N/C			0
STORAGE "A"	1,310	S	300/OCC. GROSS			5
STORAGE "C"	1,310	S	300/OCC. GROSS			5
TOTALS	7,801					146

0 4 8 16 32 48
SCALE: 1/16" = 1'-0"



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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
FIELD LEVEL - LIFE SAFETY PLAN

DATE: 05-08-2020
DRAWN BY: STAFF

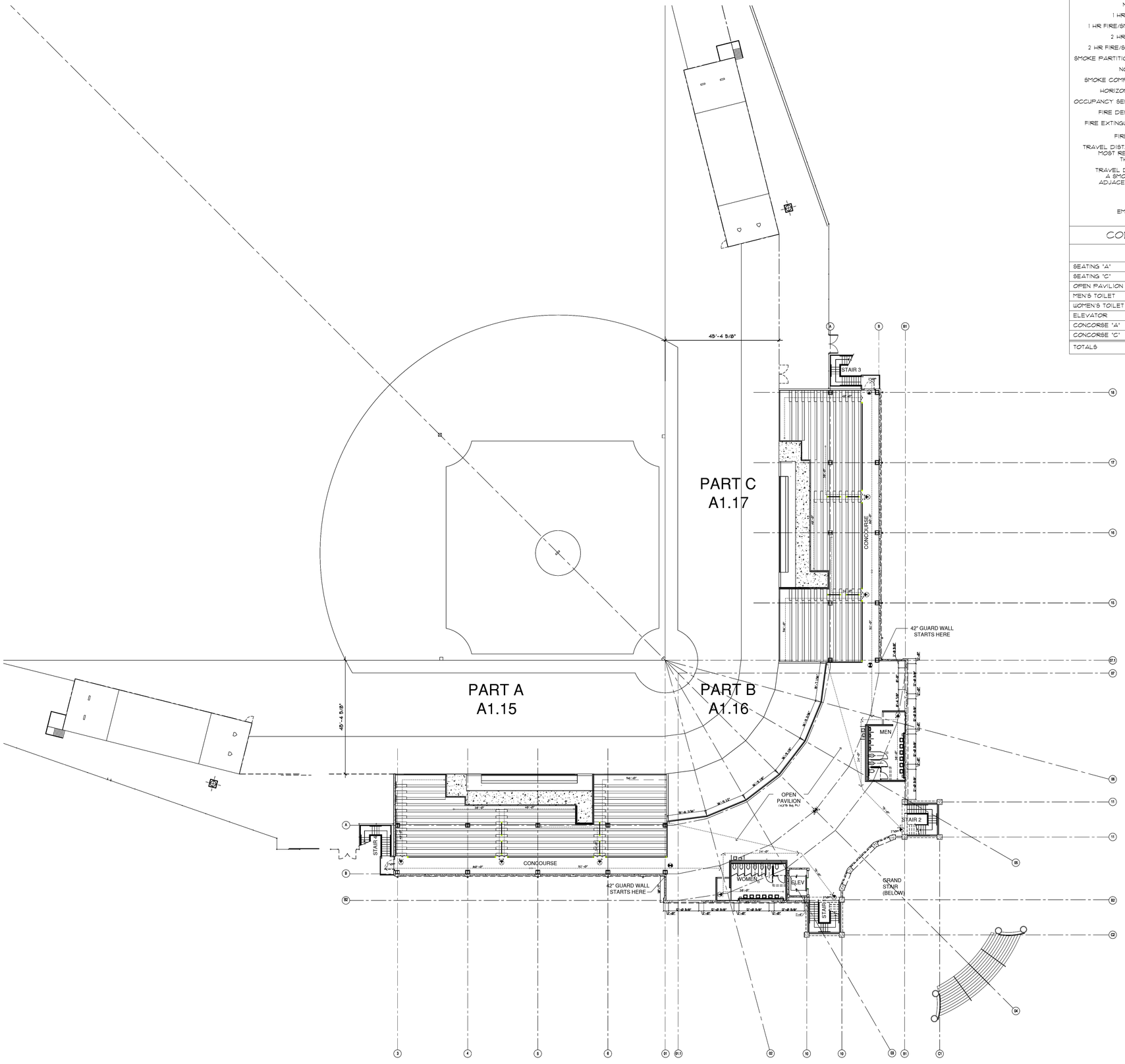
SHEET NUMBER:
A0.03

LIFE SAFETY PLAN LEGEND

NAME AND AREA	ROOM NAME 150 SF	EXIT ENCLOSURE	
1 HR FIRE BARRIER		EXIT CORRIDOR	
1 HR FIRE/SMOKE BARRIER		SUITE	
2 HR FIRE BARRIER		BUSINESS OCCUPANCY	
2 HR FIRE/SMOKE BARRIER		ASSEMBLY	
SMOKE PARTITION (NON RATED)		STORAGE	
NON RATED WALL		GARAGE	
SMOKE COMPARTMENT WALL		RETAIL	
HORIZONTAL EXIT WALL		GARAGE	
OCCUPANCY SEPERATION WALL		EXIT SIGN + HATCH INDICATES EXIT, TEXT AND ARROW INDICATES DIRECTION	
FIRE DEPT. CONNECTION	FDC HOHO		
FIRE EXTINGUISHER CABINET	FEC		
FIRE EXTINGUISHER			
TRAVEL DISTANCE FROM THE MOST REMOTE POINT TO THE CLOSET EXIT	XX'-X'		
TRAVEL DISTANCE WITHIN A SMOKE ZONE TO AN ADJACENT SMOKE ZONE	XX'-X'		
EXIT SYMBOL			
EMERGENCY LIGHT			

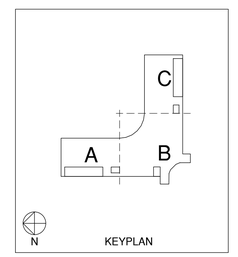
CODE REVIEW SUMMARY - THIS LEVEL

	AREA SF	OCC USE	OCCUPANT LOAD FACTOR PER PERSON	FIXED SEATING ASSEMBLY	# OF FIXED SEATS	OCCUPANT LOAD
SEATING 'A'	2,140	A-5	FIXED SEATING	18'/OCC.	-	571
SEATING 'C'	2,140	A-5	FIXED SEATING	18'/OCC.	-	571
OPEN PAVILION	4,375	A-5	15/OCC.			292
MEN'S TOILET	788	N/C	N/C			Ø
WOMEN'S TOILET	130	N/C	N/C			Ø
ELEVATOR	130	N/C	N/C			Ø
CONCORSE 'A'	736	CIR	N/C			Ø
CONCORSE 'C'	736	CIR	N/C			Ø
TOTALS	12,375					1, 434



A0.04 CONCOURSE LEVEL - LIFE SAFETY FLOOR PLAN
1/16" = 1'-0"

0 4 8 16 32 48
SCALE: 1/16" = 1'-0"



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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
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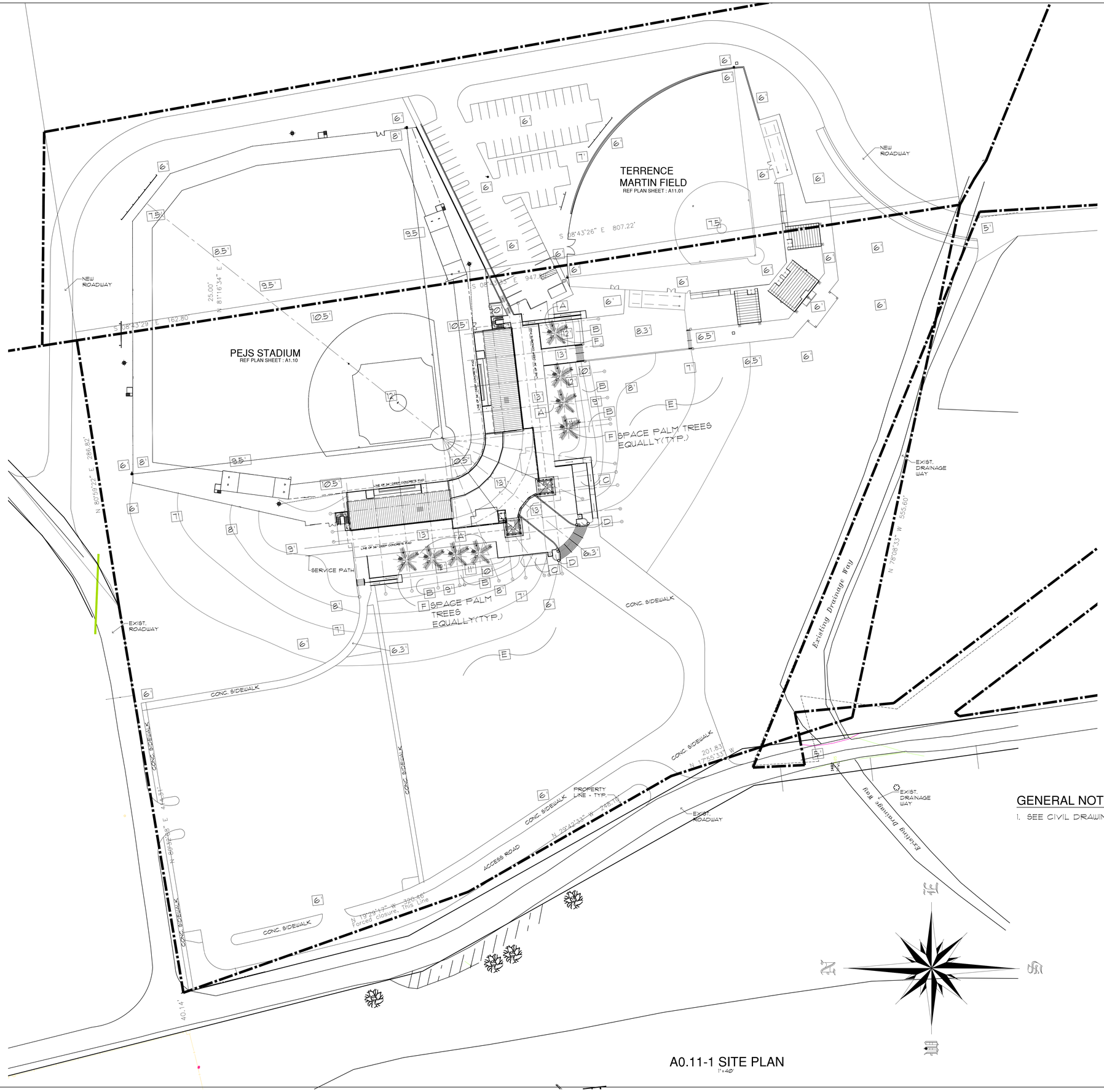
DRAWING INFORMATION:
CONCOURSE LEVEL - LIFE SAFETY PLAN

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A0.04

LANDSCAPE LEGEND:

A. LOW FLOWERING SHRUBS.
B. GROUND COVER, SHRUBS AT BERM.
C. MEDIUM FLOWERING BUSH EG. HIBISCU 4' HIGH.
D. TOPIARY TREE AT PLANTERS.
E. GRASS.
F. FEATURE TREE -ROYAL PALM.



A0.11-1 SITE PLAN
1"=40'

GENERAL NOTES:

1. SEE CIVIL DRAWINGS FOR NEW ELEVATIONS.

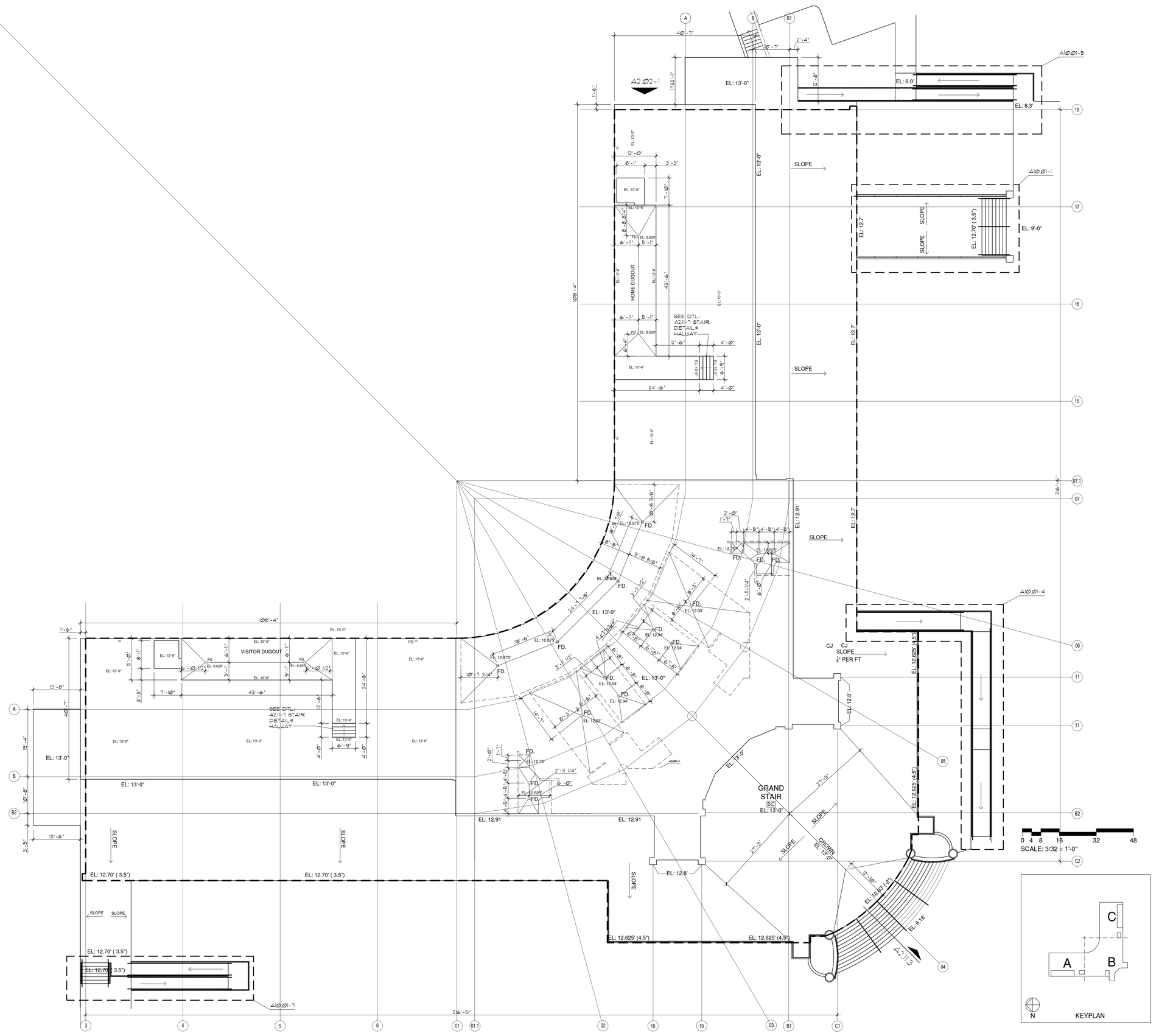
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
CONCEPT SITE PLAN

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A0.11



A0.12 FIELD LEVEL SLAB PLAN

3/32" = 1'-0"

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PROJECT:

FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
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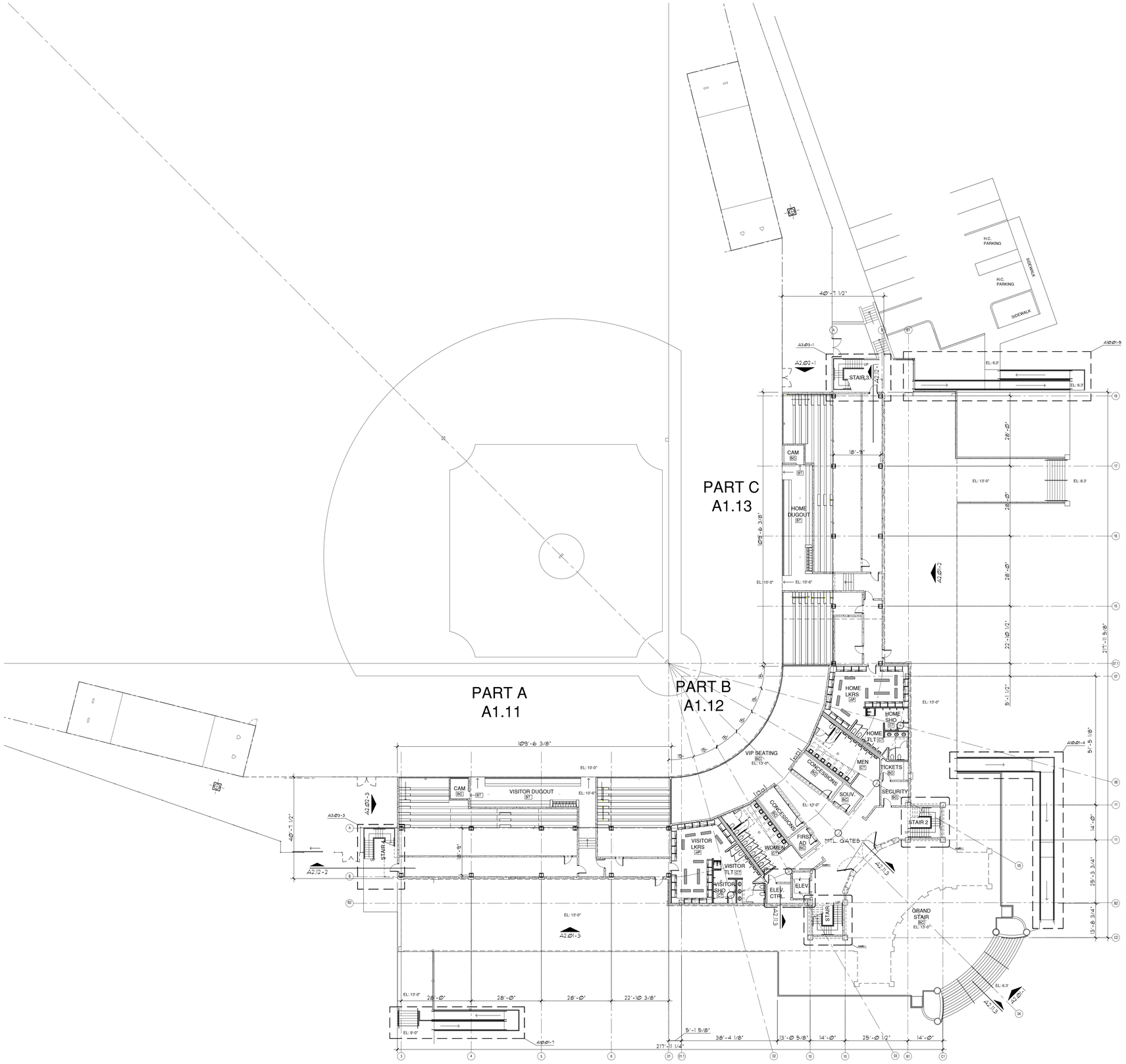
DRAWING INFORMATION:

FIELD LEVEL OVERALL SLAB PLAN

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:

A0.12

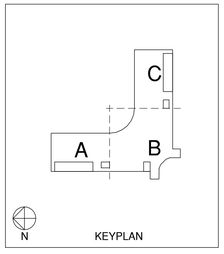


WALL TYPE LEGEND

- 8" PIP CONCRETE WALL
- 6" PIP CONCRETE WALL
- 4" MTL FRAME STUD WALL
- 6" MTL FRAME STUD WALL

0 4 8 16 32 48

SCALE: 1/16" = 1'-0"



A1.10 FIELD LEVEL FLOOR PLAN

1/16" = 1'-0"

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PROJECT:

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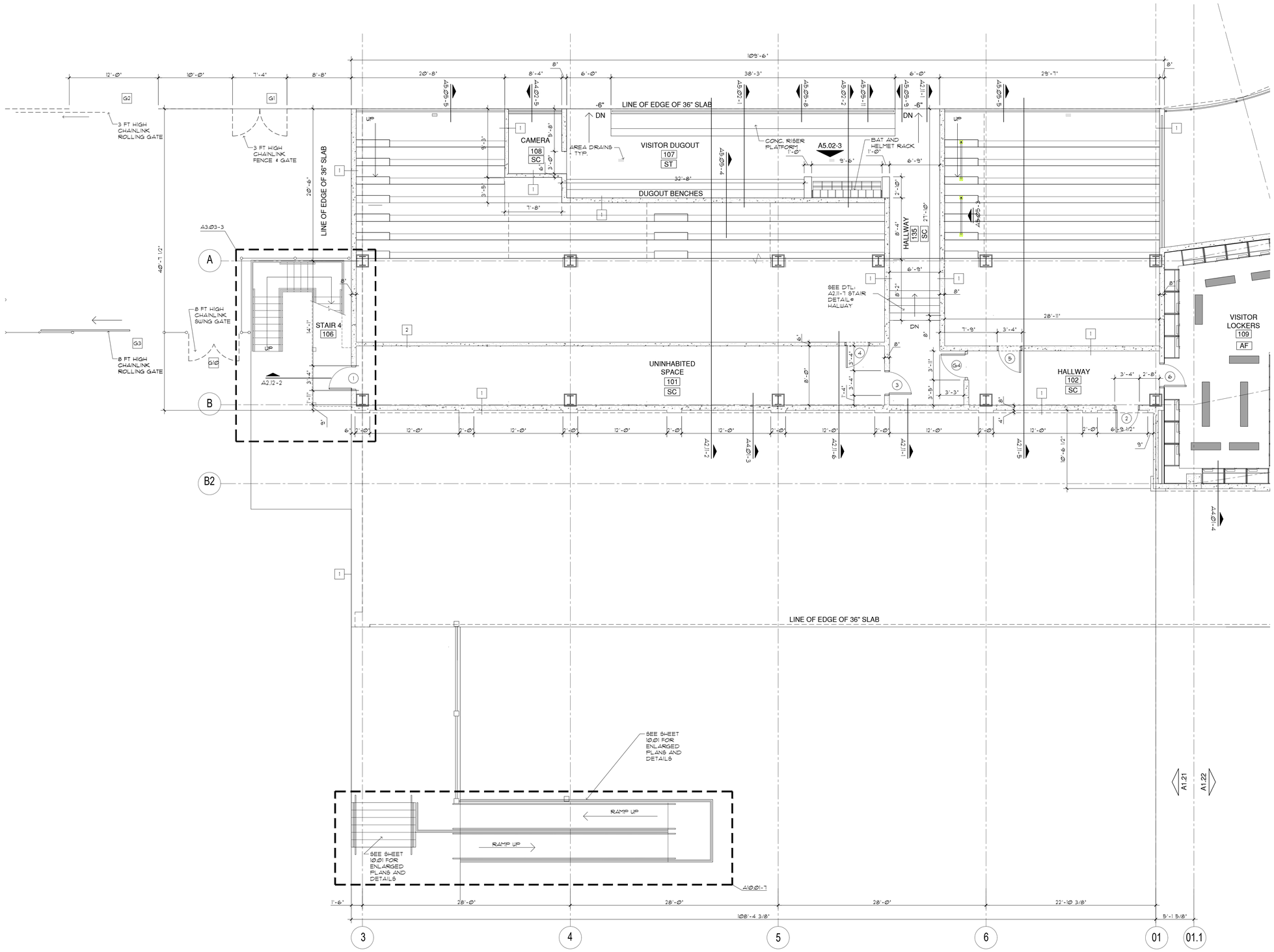
DRAWING INFORMATION:

FIELD LEVEL OVERALL FLOOR PLAN

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:

A1.10



FLOOR FINISH LEGEND

ST - SYNTHETIC TURF
AF - ATHLETIC FLOORING
CT- CERAMIC TILE
VCT - VINYL COMPOSITE TILE
SC - SEALED CONCRETE
TT - TERRACOTTA TILE (6x6 OR 8x8)

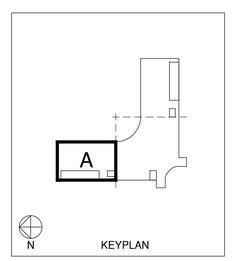
WALL TYPE LEGEND

8" PIP CONCRETE WALL

6" PIP CONCRETE WALL

6" MTL FRAME STUD WALL

0 2 4 8 16
SCALE: 3/16" = 1'-0"



A1.11 FIELD LEVEL PART PLAN A

3/16"=1'-0"

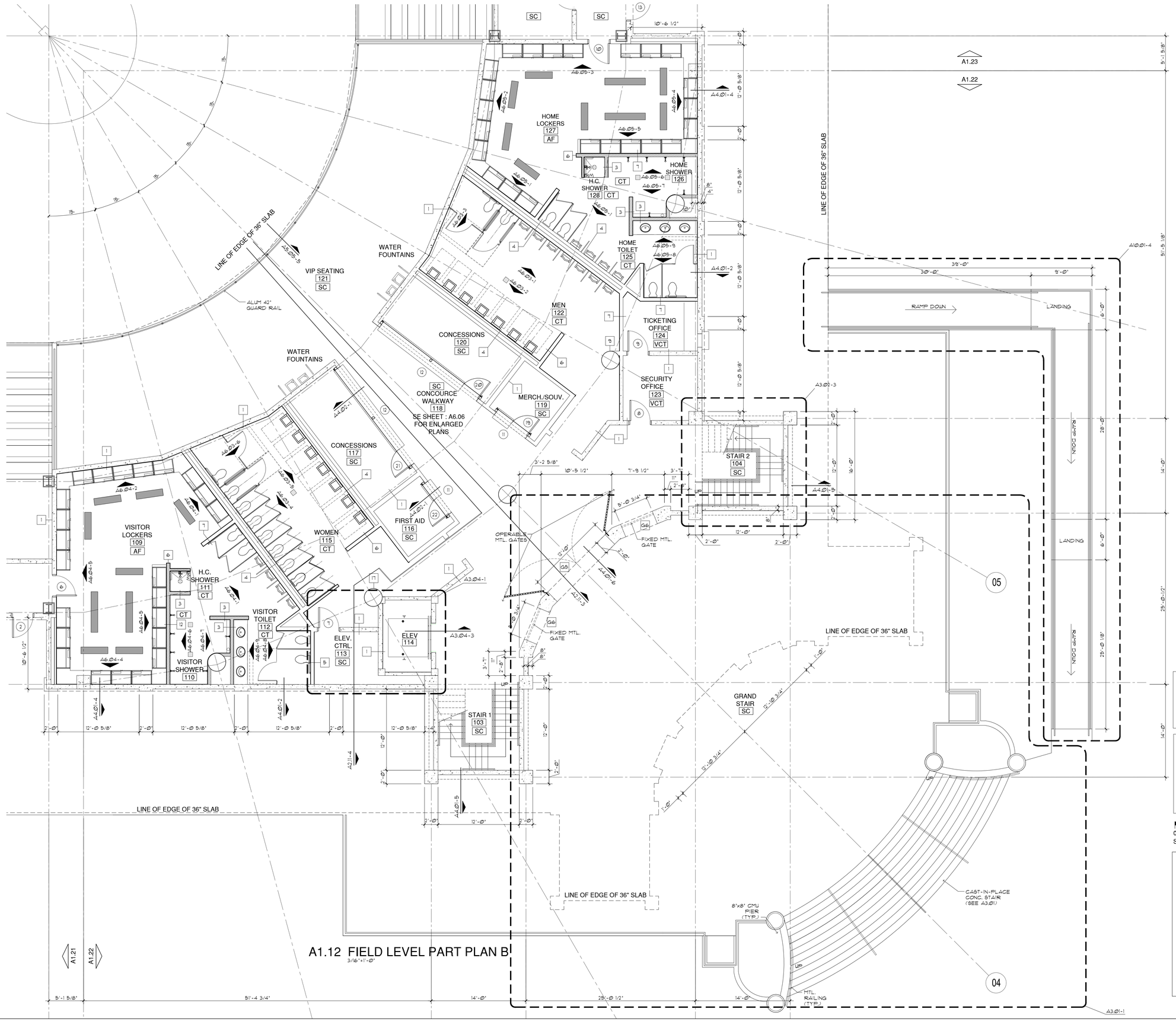
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
FIELD LEVEL PART PLAN 'A'

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A1.11



A1.12 FIELD LEVEL PART PLAN B
3/16"=1'-0"

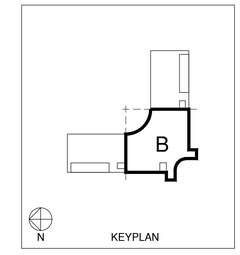
FLOOR FINISH LEGEND

ST - SYNTHETIC TURF
AF - ATHLETIC FLOORING
CT - CERAMIC TILE
VCT - VINYL COMPOSITE TILE
SC - SEALED CONCRETE
TT - TERRACOTTA TILE (6x6 OR 8x8)

WALL TYPE LEGEND

- 8" PIP CONCRETE WALL
- 6" PIP CONCRETE WALL
- 4" MTL FRAME STUD WALL
- 6" MTL FRAME STUD WALL

0 2 4 8 16
SCALE: 3/16" = 1'-0"



REGISTERED ARCHITECT
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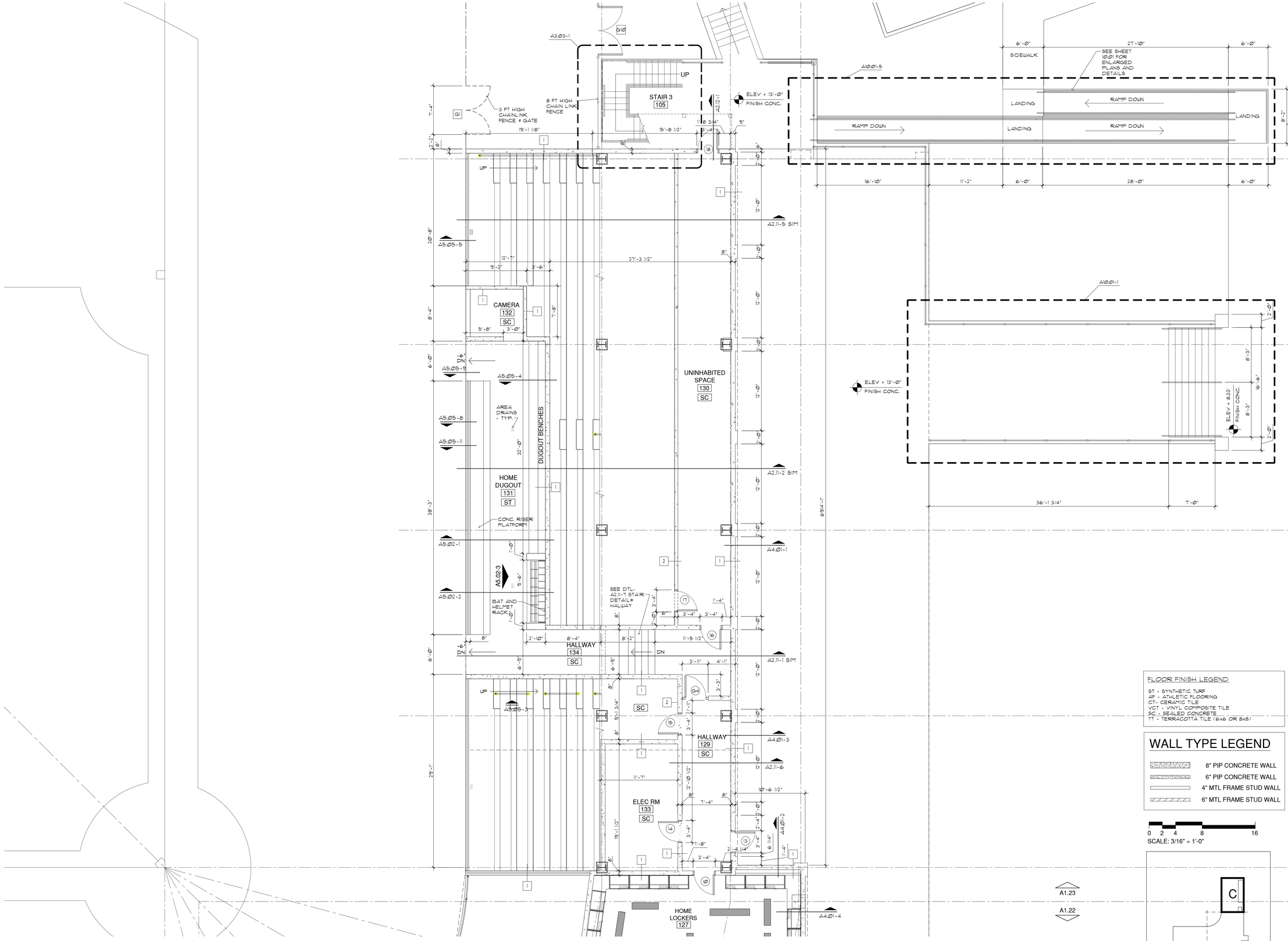
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
FIELD LEVEL PART PLAN 'B'

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A1.12



A1.13 FIELD LEVEL PART PLAN C

3/16"=1'-Ø"

FLOOR FINISH LEGEND

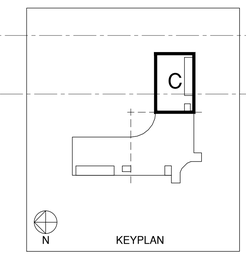
ST - SYNTHETIC TURF
AF - ATHLETIC FLOORING
CT- CERAMIC TILE
VCT - VINYL COMPOSITE TILE
SC - SEALED CONCRETE
TT - TERRACOTTA TILE (6x6 OR 8x8)

WALL TYPE LEGEND

- 8" PIP CONCRETE WALL
- 6" PIP CONCRETE WALL
- 4" MTL FRAME STUD WALL
- 6" MTL FRAME STUD WALL

0 2 4 8 16

SCALE: 3/16" = 1'-0"



REGISTERED ARCHITECT
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PROJECT:

FREDERIKSTED REVITALIZATION PROJECT
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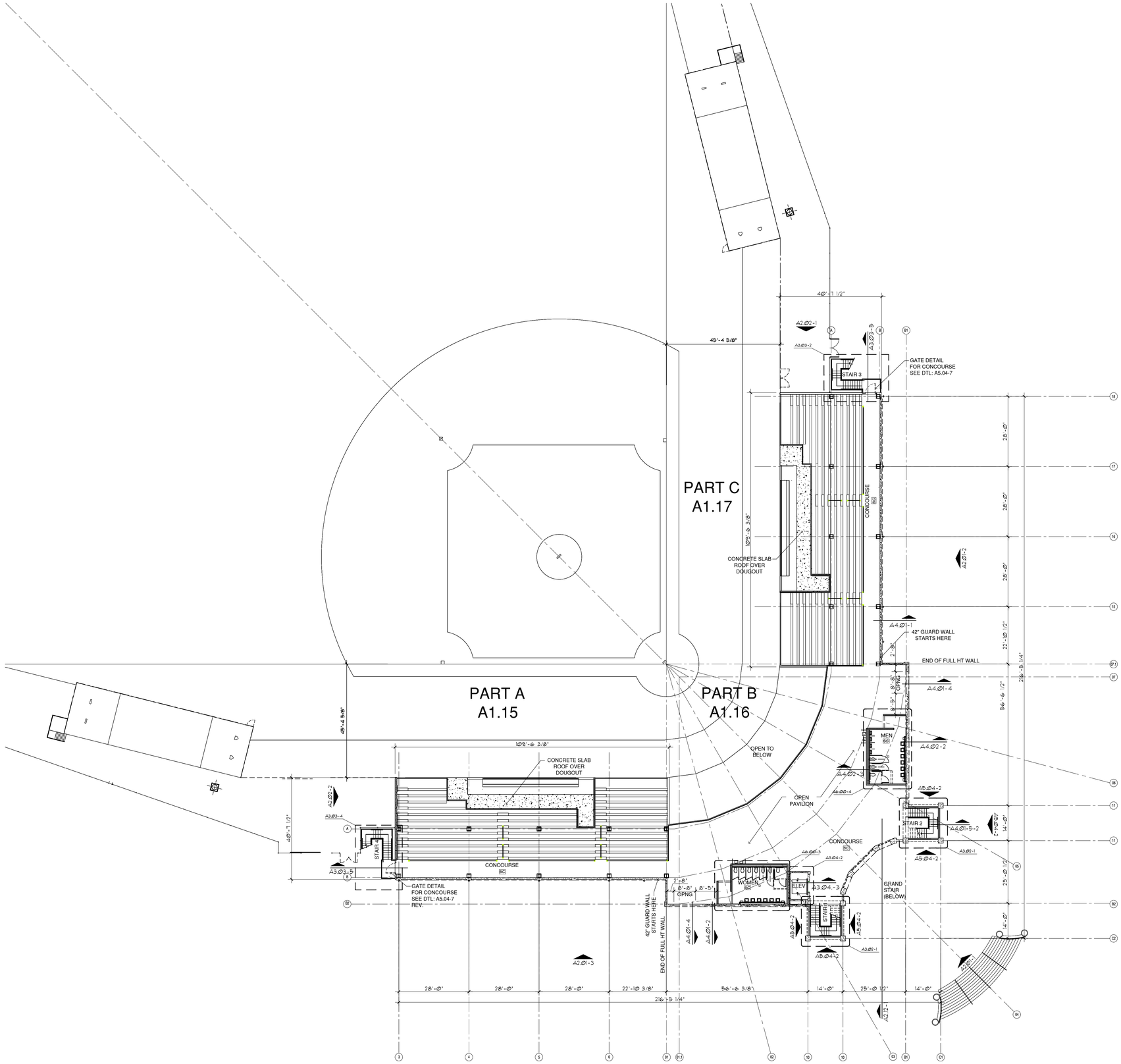
DRAWING INFORMATION:

FIELD LEVEL PART PLAN 'C'

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:

A1.13

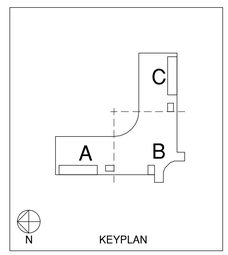


A1.14 CONCOURSE LEVEL FLOOR PLAN
1/16"=1'-0"

WALL TYPE LEGEND

- 8" PIP CONCRETE WALL
- 6" PIP CONCRETE WALL
- 4" MTL FRAME STUD WALL
- 6" MTL FRAME STUD WALL

0 4 8 16 32 48
SCALE: 1/16" = 1'-0"



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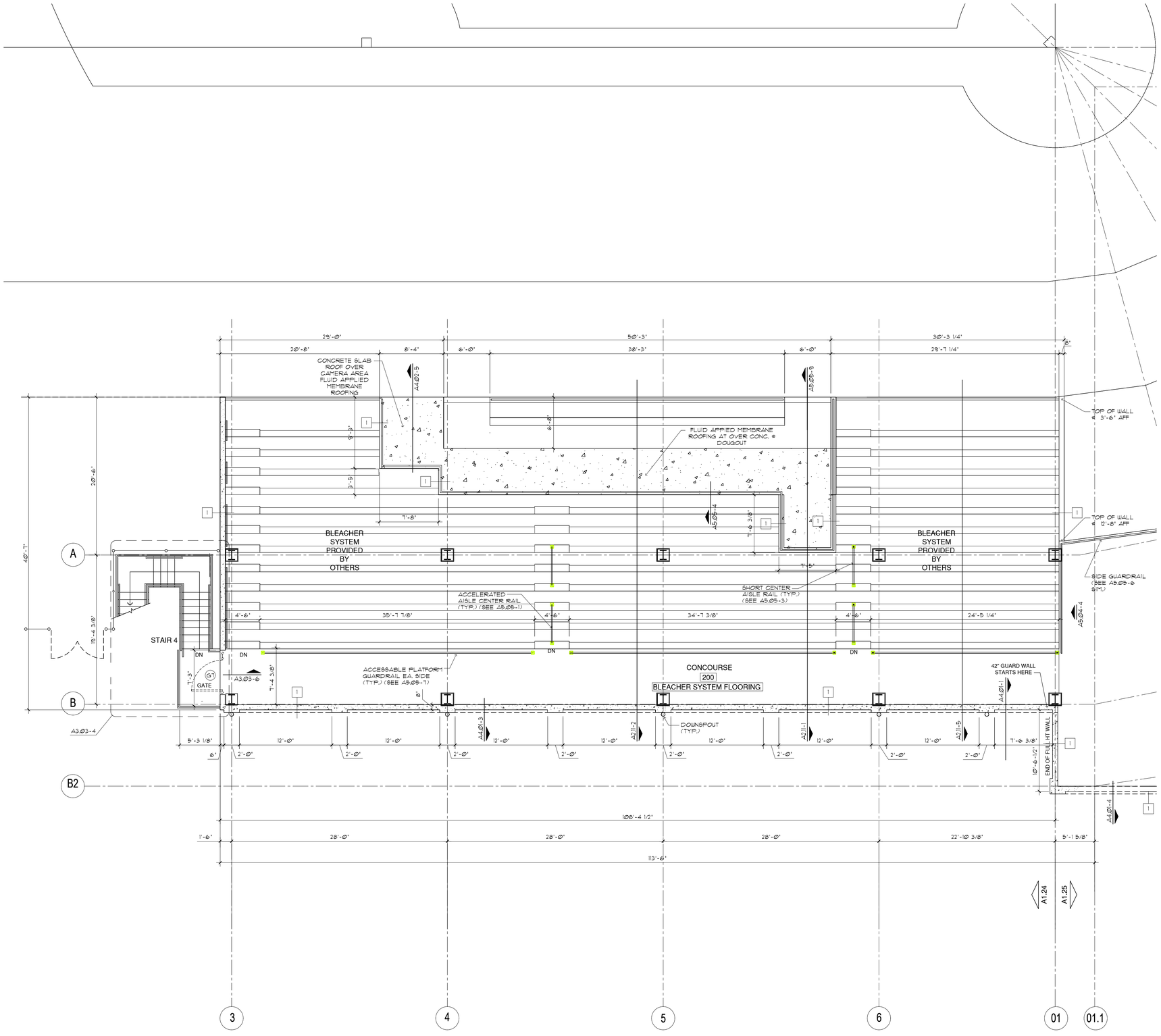
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
CONCOURSE LEVEL OVERALL FLOOR PLAN

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A1.14



A1.15 CONCOURSE LEVEL PART PLAN A
3/16"=1'-Ø"

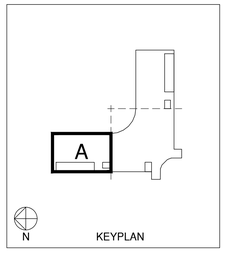
FLOOR FINISH LEGEND

ST - SYNTHETIC TURF
AF - ATHLETIC FLOORING
CT- CERAMIC TILE
VCT - VINYL COMPOSITE TILE
SC - SEALED CONCRETE
TT - TERRACOTTA TILE (6x6 OR 8x8)

WALL TYPE LEGEND

- 8" PIP CONCRETE WALL
- 6" PIP CONCRETE WALL
- 4" MTL FRAME STUD WALL
- 6" MTL FRAME STUD WALL

0 2 4 8 16
SCALE: 3/16" = 1'-0"



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DRAWING INFORMATION:
CONCOURSE LEVEL PART PLAN 'A'

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A1.15

42" GUARD WALL STARTS HERE

END OF FULL HT WALL

DOWNSPOUT (TYP.)

42" ALUM GUARD RAIL SEE DTL: A5.04-4

98" HEAD HT.
42" SILL HT.

OPNG IN WALL

A4.Ø1-4

A6.Ø6-2

SEE DETAIL A5.Ø5-1Ø

MEN
204
CT

FLOOR DRAIN (TYP.)

A4.Ø2-3

A4.Ø2-4

A6.Ø1-6

OPEN TO BELOW

42" ALUM GUARD RAIL SEE DTL: A5.05-6

OPEN PAVILION SEE SHEET A-1.19 FOR DRAINAGE PLAN

A3.Ø2-4

STAIR 2

A4.Ø1-5

CONCOURSE
203
SC

A5.Ø4-3

A5.Ø4-3A

A4.Ø1-6

42" ALUM GUARD RAIL SEE DTL: A5.04-4

SEE DETAIL A5.Ø5-1Ø

A6.Ø6-1

A3.Ø4-2

WOMEN
201
CT

A6.Ø1-2
A6.Ø1-1

FLOOR DRAIN (TYP.)

A4.Ø2-2

ELEV.
202

A4.Ø3

A4.Ø1-1

98" HEAD HT
42" SILL HT

OPNG IN WALL

42" GUARD WALL STARTS HERE

END OF FULL HT WALL

A4.Ø1-4

STAIR 1

A4.Ø1-5

A3.Ø2-2

GRAND STAIR (BELOW)

A1.24
A1.25

01 01.1 02 10 10 03 B1 C1

07.1 07 06 11 11 05 B2 C2

A1.26
A1.25

A1.16 CONCOURSE LEVEL PART PLAN B

3/16"=1'-Ø"

FLOOR FINISH LEGEND

ST - SYNTHETIC TURF
AF - ATHLETIC FLOORING
CT - CERAMIC TILE
VCT - VINYL COMPOSITE TILE
SC - SEALED CONCRETE
TT - TERRACOTTA TILE (6x6 OR 8x8)

WALL TYPE LEGEND

- 8" PIP CONCRETE WALL
- 6" PIP CONCRETE WALL
- 4" MTL FRAME STUD WALL
- 6" MTL FRAME STUD WALL

0 2 4 8 16
SCALE: 3/16" = 1'-0"

B

N KEYPLAN

REGISTERED ARCHITECT
STEVEN E. HUTCHINS
U.S. VIRGIN ISLANDS
455-A

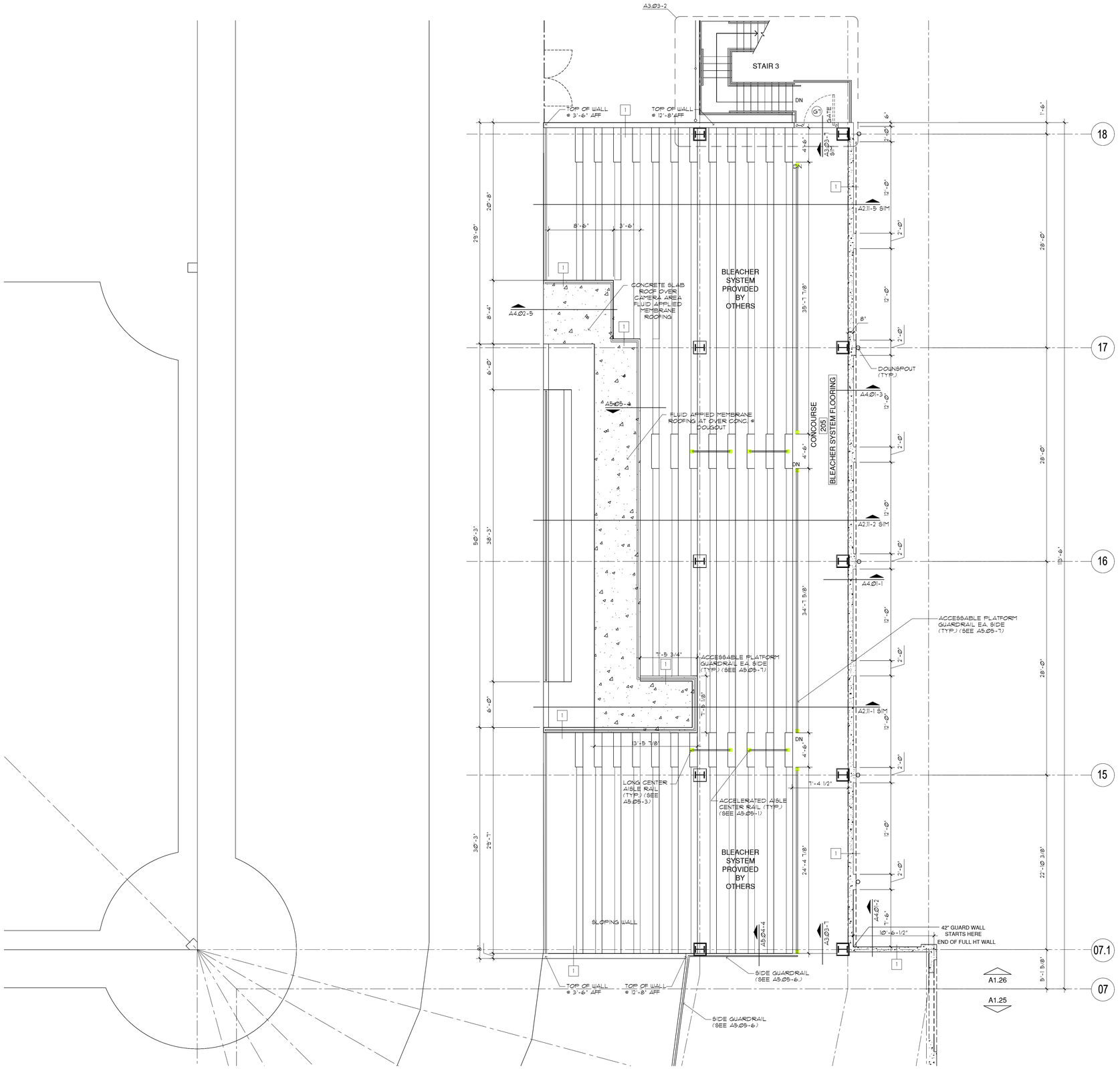
Steven E. Hutchins AIA Architects
109-113 ESTATE CASTLE COAKLEY
CHRISTIANSTED, ST. CROIX
U.S. VIRGIN ISLANDS 00822
TEL 340-778-8898 FAX 340-778-7754

PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
CONCOURSE LEVEL PART PLAN 'B'

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A1.16



A1.17-1 CONCOURSE LEVEL PART PLAN C
3/16"=1'-0"

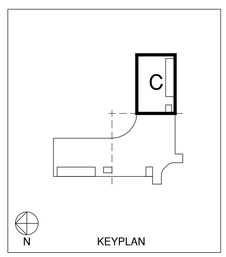
FLOOR FINISH LEGEND

ST - SYNTHETIC TURF
AF - ATHLETIC FLOORING
CT- CERAMIC TILE
VCT - VINYL COMPOSITE TILE
SC - SEALED CONCRETE
TT - TERRACOTTA TILE (6x6 OR 8x8)

WALL TYPE LEGEND

- 8" PIP CONCRETE WALL
- 6" PIP CONCRETE WALL
- 4" MTL FRAME STUD WALL
- 6" MTL FRAME STUD WALL

0 2 4 8 16
SCALE: 3/16" = 1'-0"



REGISTERED ARCHITECT
STEVEN E. HUTCHINS
A-458
U.S. VIRGIN ISLANDS

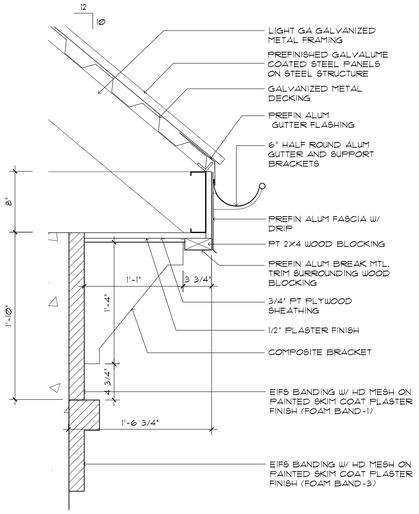
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
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DRAWING INFORMATION:
CONCOURSE LEVEL PART PLAN 'C'

DATE: 05-08-2020
DRAWN BY: STAFF

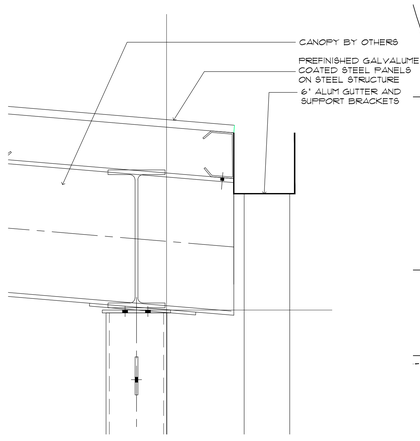
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A1.17



A1.18.-2 EAVE DETAIL

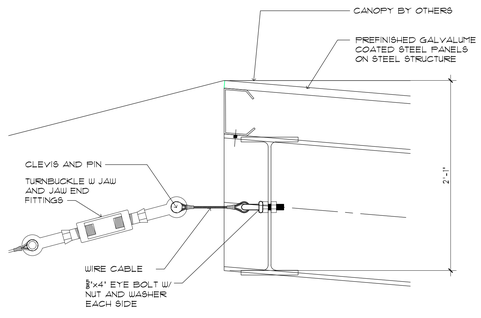
1 1/2"=1'-0"

NOTE:
FOR FOAM PROFILES
SEE SHEET A4.01



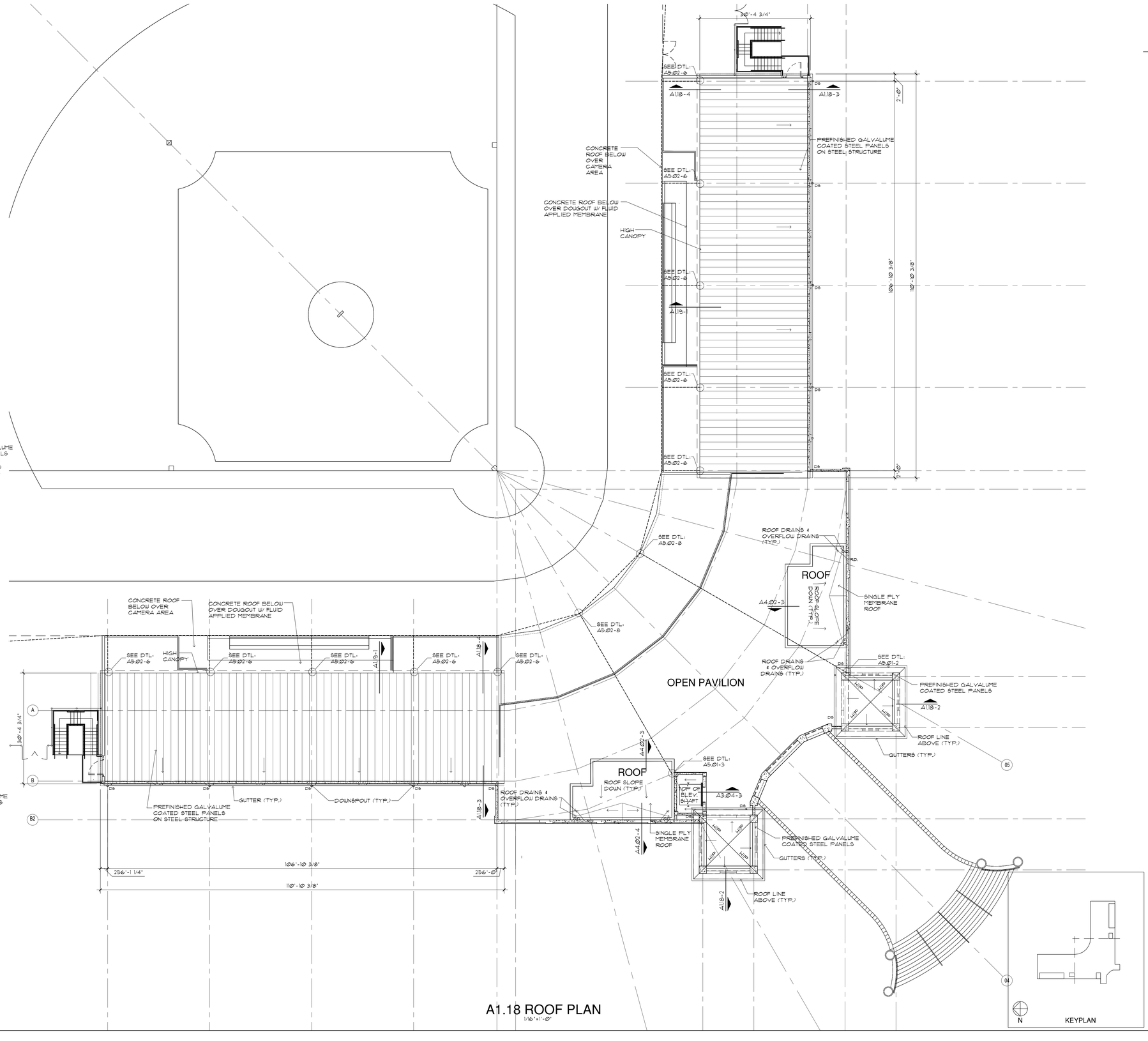
A1.18.-3 REAR EAVE DETAIL @ CANOPY

1 1/2"=1'-0"



A1.18.-4 FRONT EAVE DETAIL @ CANOPY

1 1/2"=1'-0"



A1.18 ROOF PLAN

1/16"=1'-0"

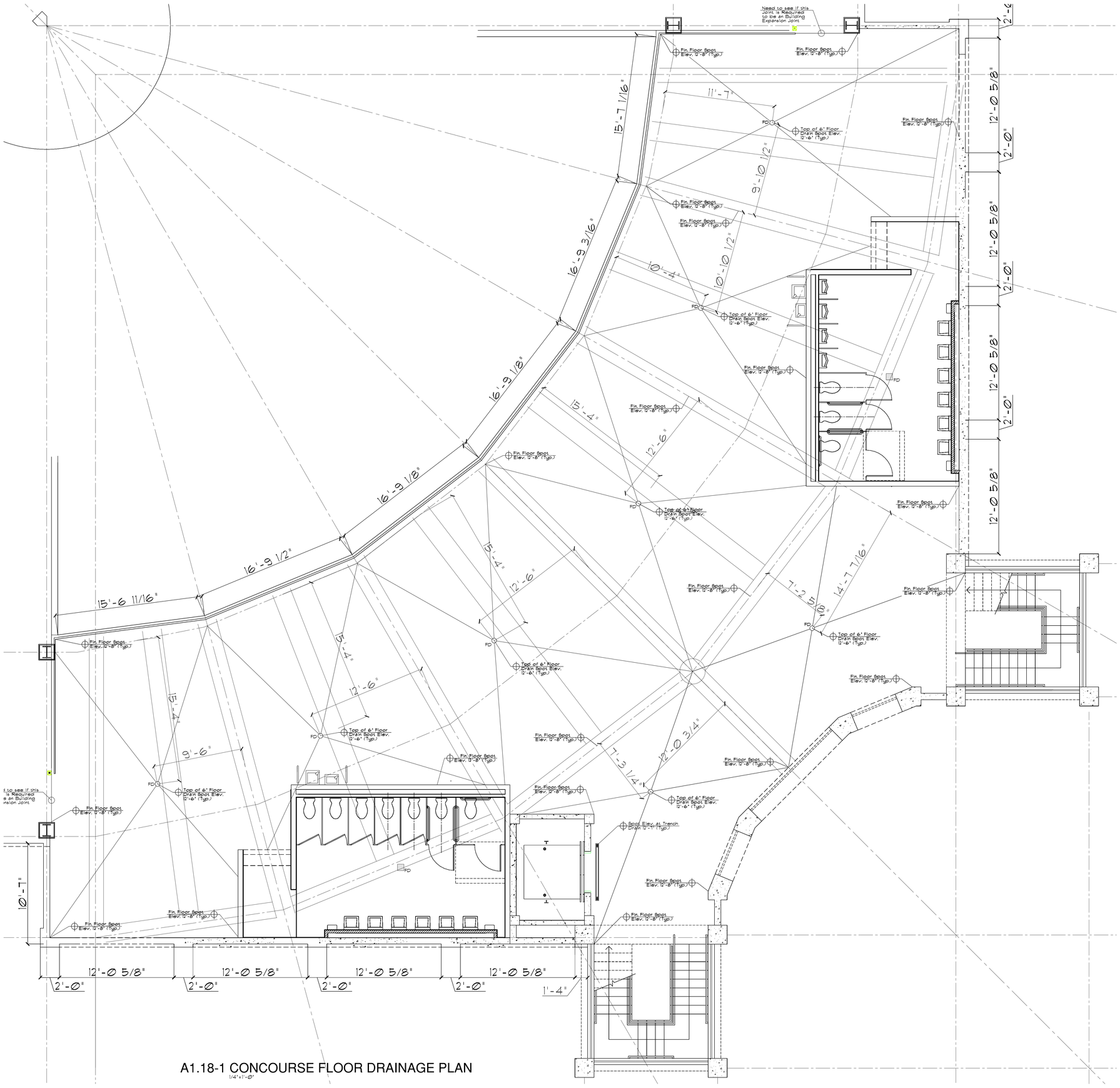
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DRAWING INFORMATION:
OVERALL ROOF PLAN

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A1.18

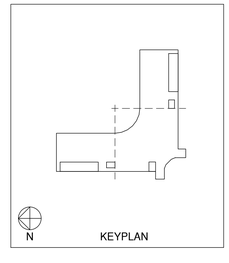


A1.18-1 CONCOURSE FLOOR DRAINAGE PLAN

1/4"=1'-0"

0 2 4 8 16

SCALE: 3/16" = 1'-0"



REGISTERED ARCHITECT
STEVEN E. HUTCHINS
A-453
U.S. VIRGIN ISLANDS

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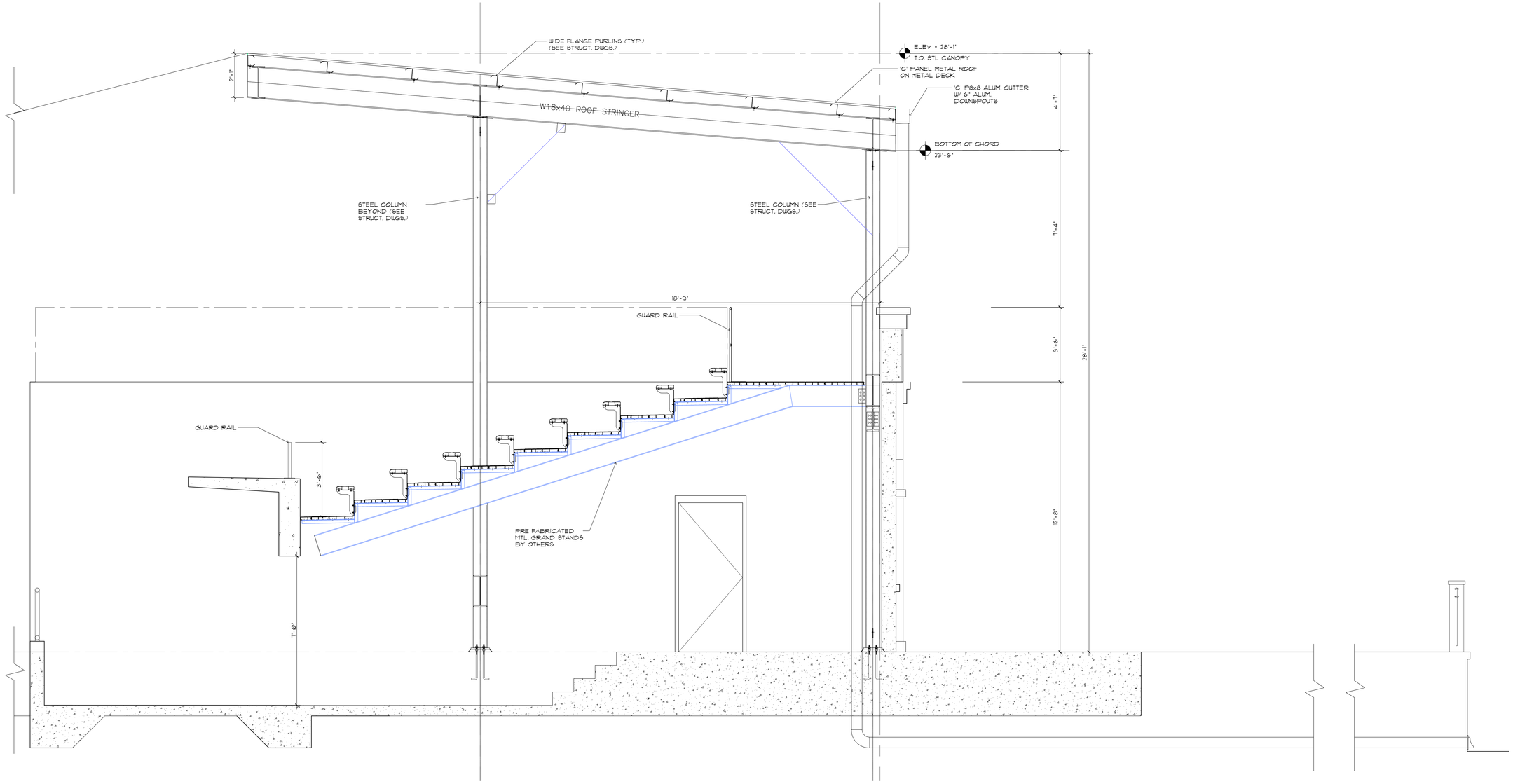
DRAWING INFORMATION:

CONCOURSE LEVEL FLOOR
DRAINAGE PLAN

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:

A1.19



A1.20-1 TRUSS DETAIL
1/2"=1'-0"

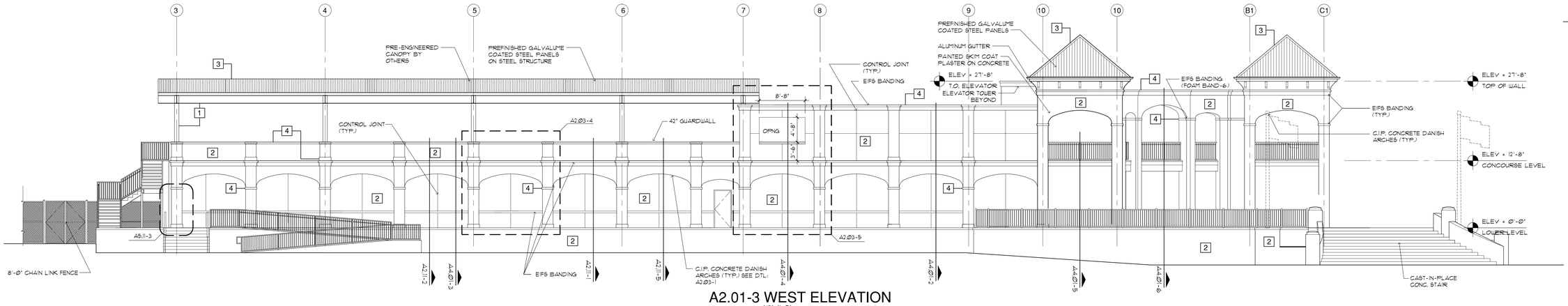
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
CANOPY SECTION

DATE: 05-08-2020
DRAWN BY: STAFF

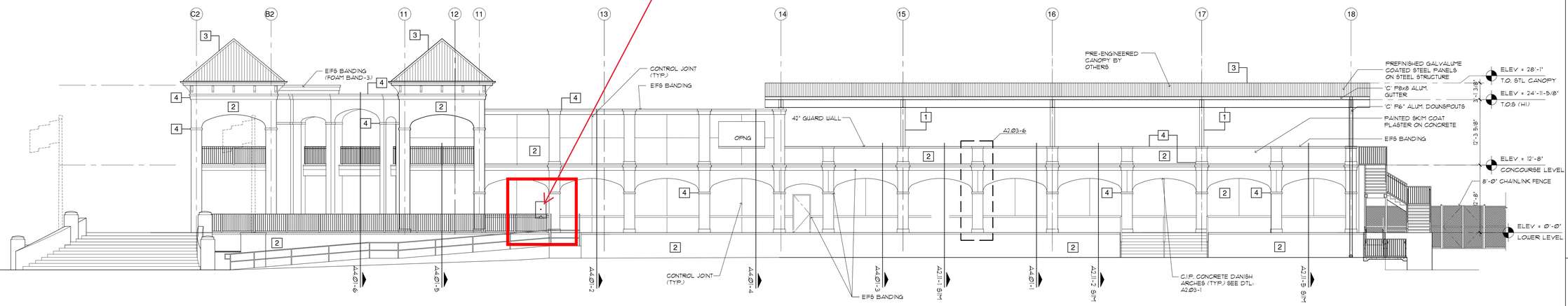
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A1.20



A2.01-3 WEST ELEVATION

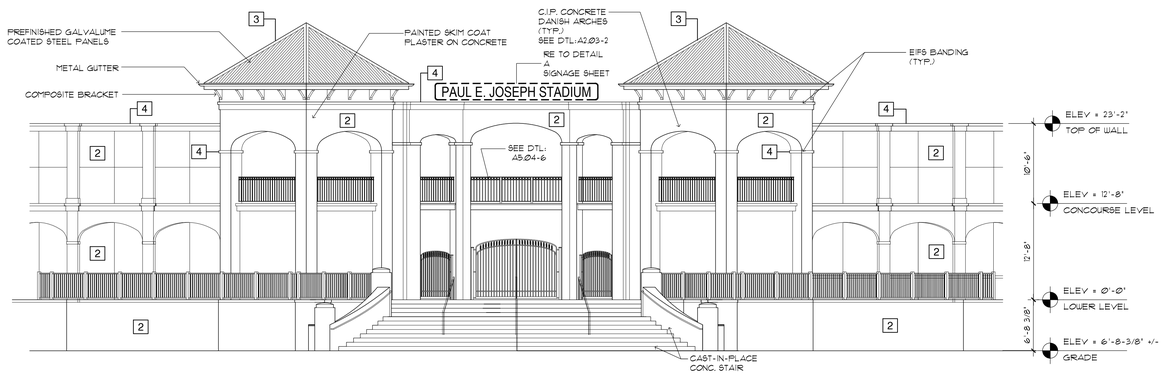
1/8"=1'-Ø"

Ticket Window



A2.01-2 SOUTH ELEVATION

1/8"=1'-Ø"



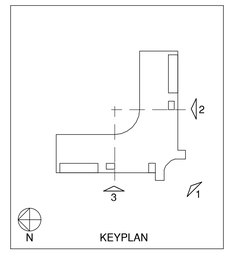
A2.01-1 ENTRANCE ELEVATION

1/8"=1'-Ø"

PAINT COLOR LEGEND

1		BENJAMIN MOORE FIDDLEHEAD GREEN 2041-20 (UNDERSIDE CANOPY STEEL)
2		BENJAMIN MOORE CANDLELIT DINNER 295 (WALLS)
3		SIGNATURE 200 CRIMSON RED (MTL ROOFS)
4		BENJAMIN MOORE WHITE(TRIM)

NOTE:
FOR FOAM PROFILES SEE SHEET A4.Ø1



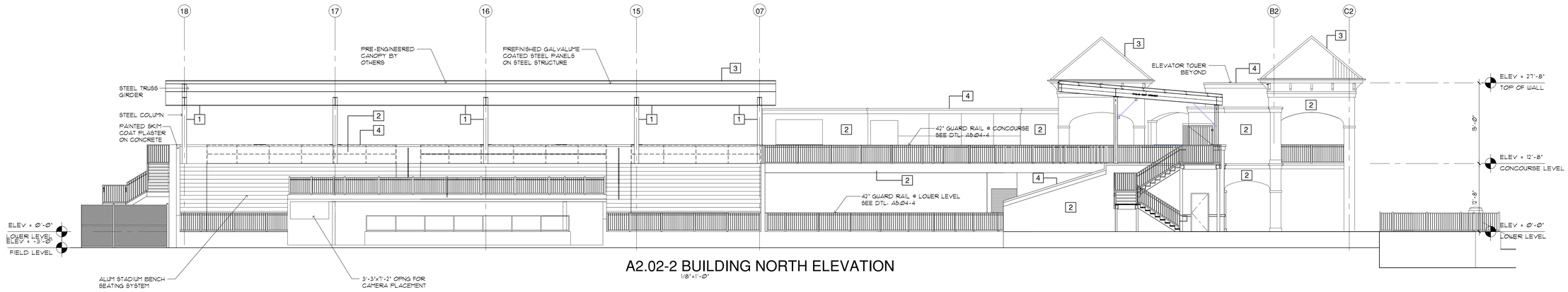
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
WEST, SOUTH AND
ENTRANCE ELEVATIONS

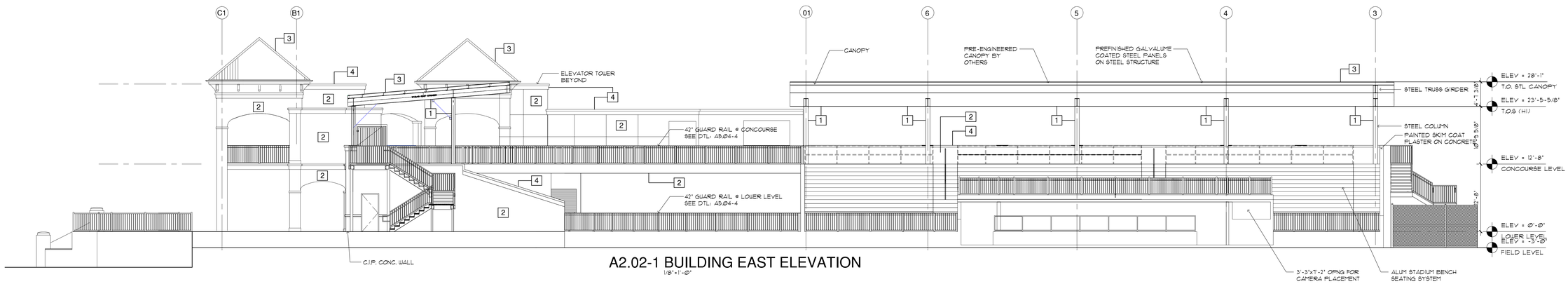
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A2.01



A2.02-2 BUILDING NORTH ELEVATION

1/8"=1'-Ø"



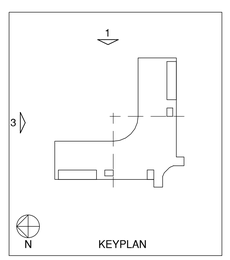
A2.02-1 BUILDING EAST ELEVATION

1/8"=1'-Ø"

PAINT COLOR LEGEND

1		BENJAMIN MOORE FIDDLEHEAD GREEN 2041-20 (CANOPY)
2		BENJAMIN MOORE CANDLELIT DINNER 295 (WALLS)
3		SIGNATURE 200 CRIMSON RED (MTL ROOFS)
4		BENJAMIN MOORE WHITE(TRIM)

NOTE:
FOR FOAM PROFILES
SEE SHEET A4.Ø1



REGISTERED ARCHITECT
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A-453
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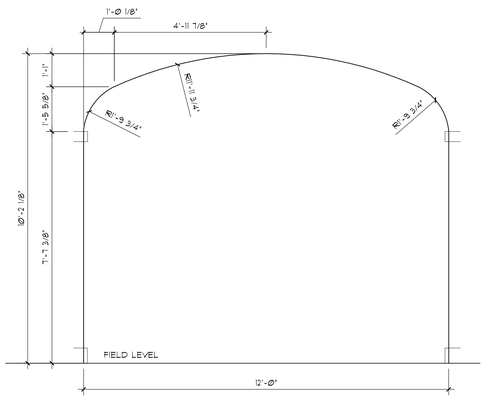
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

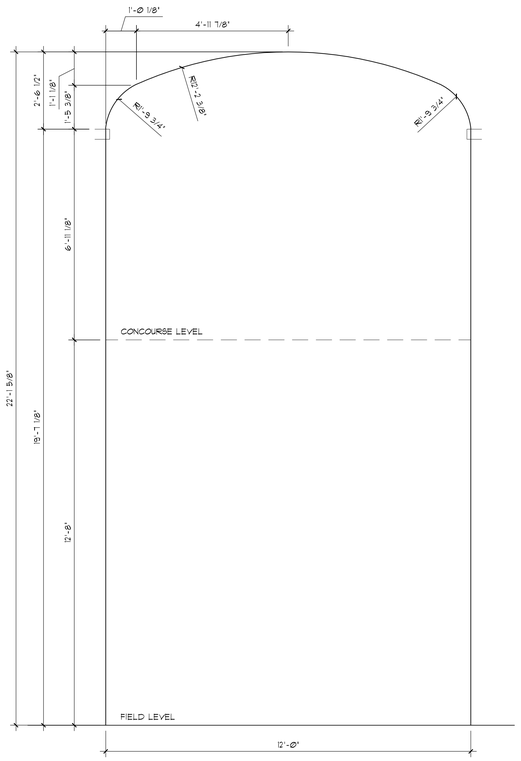
DRAWING INFORMATION:
NORTH AND EAST
BUILDING ELEVATIONS

DATE: 05-08-2020
DRAWN BY: STAFF

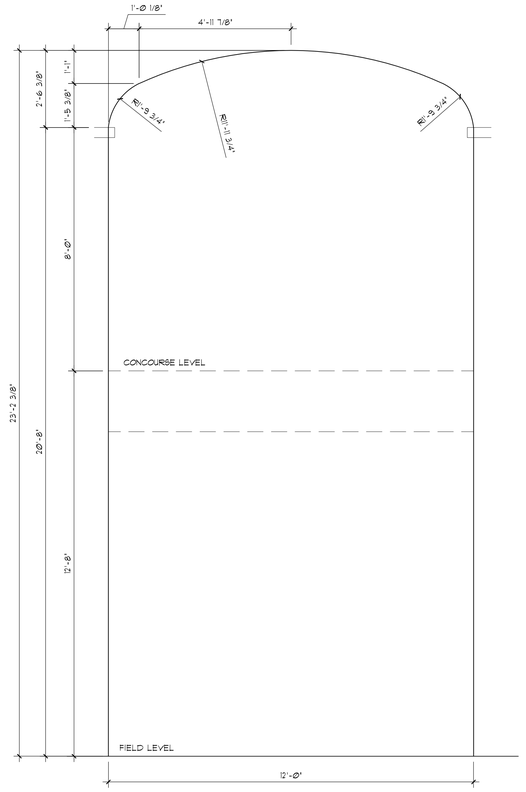
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A2.02



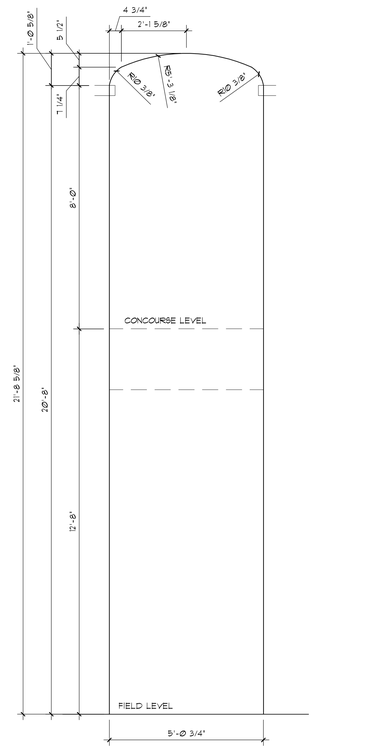
A2.03-1 DANISH ARCH ELEVATION (A)
1/2"=1'-Ø"



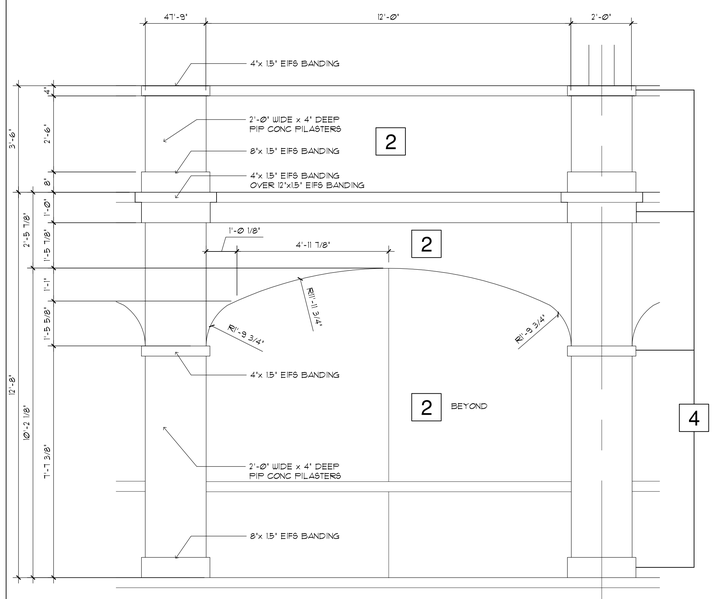
A2.03-2 DANISH ARCH ELEVATION (B)
1/2"=1'-Ø"
TOWER



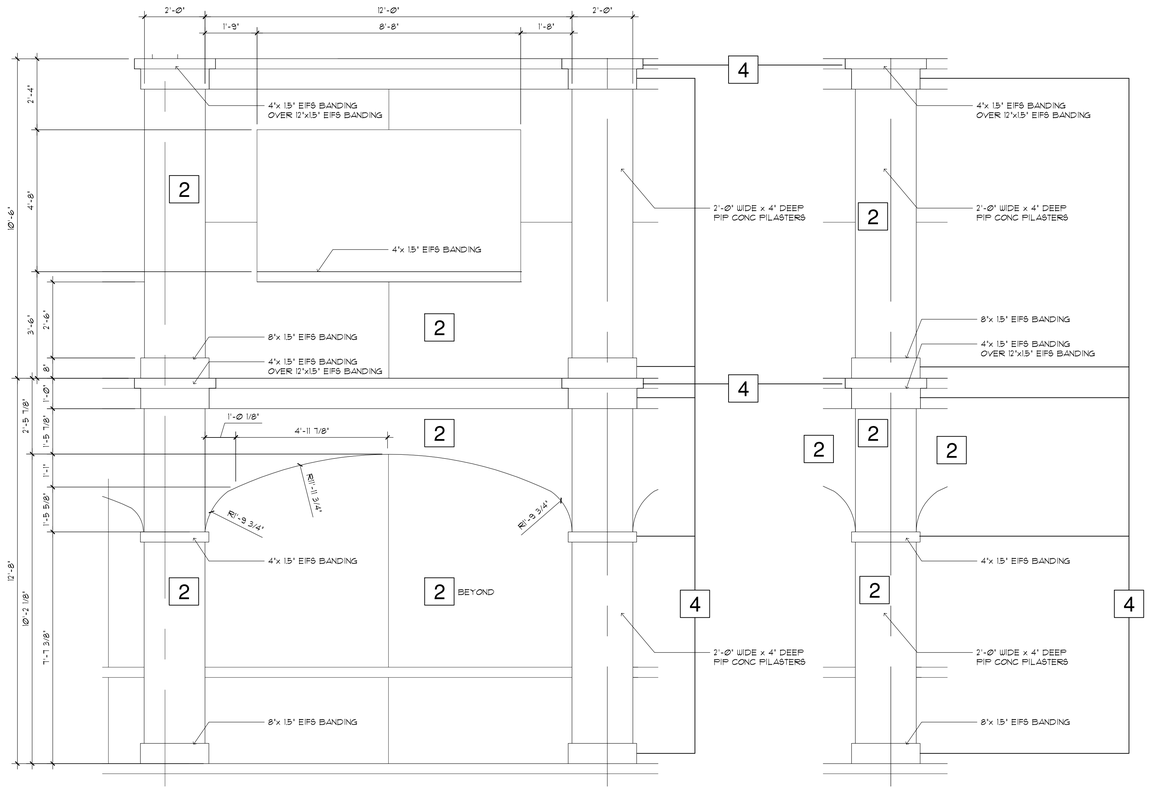
A2.03-3 DANISH ARCH ELEVATION (C)
1/2"=1'-Ø"
GRAND STAIR



A2.03-4 DANISH ARCH ELEVATION (D)
1/2"=1'-Ø"
GRAND STAIR



A2.03-4 EIFS BANDING PLACEMENT DETAIL
1/2"=1'-Ø"



A2.03-5 EIFS BANDING PLACEMENT DETAIL
1/2"=1'-Ø"

A2.03-6 EIFS BANDING PLACEMENT DETAIL
1/2"=1'-Ø"

PAINT COLOR LEGEND

1		BENJAMIN MOORE FIDDLEHEAD GREEN 2041-20 (CANOPY)
2		BENJAMIN MOORE CANDLELIT DINNER 295 (WALLS)
3		SIGNATURE 200 CRIMSON RED (MTL ROOFS)
4		BENJAMIN MOORE WHITE(TRIM)

REGISTERED ARCHITECT
STEVEN E. HUTCHINS
U.S. VIRGIN ISLANDS

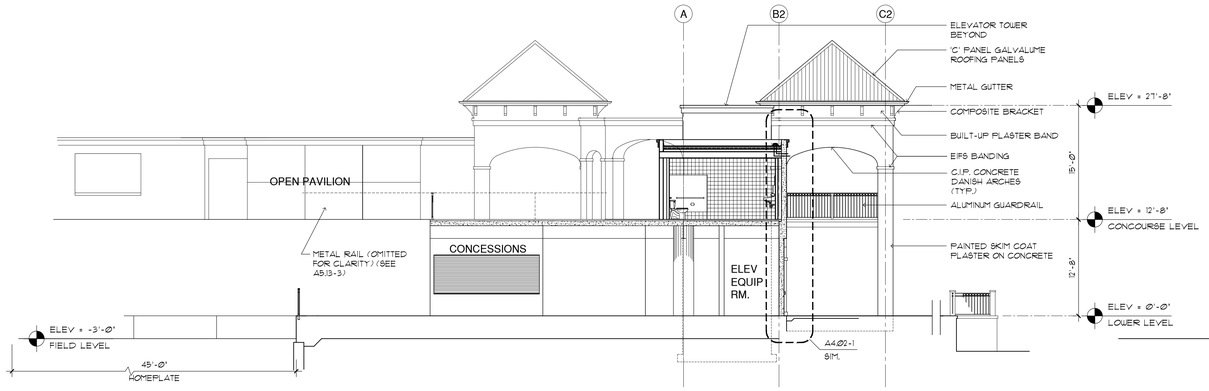
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
DANISH ARCH ELEVATIONS
AND EIFS BANDING

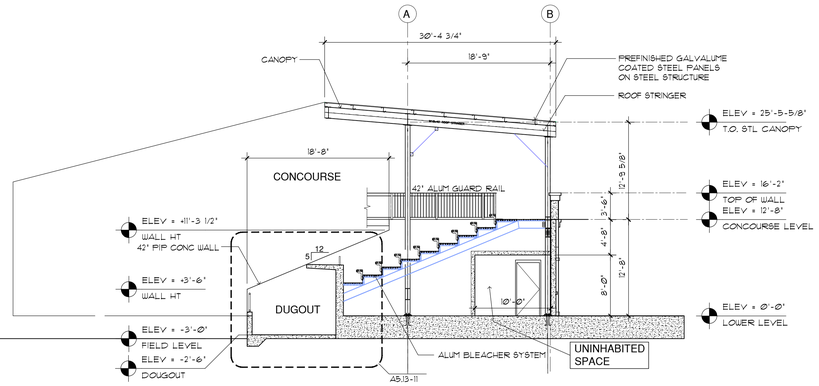
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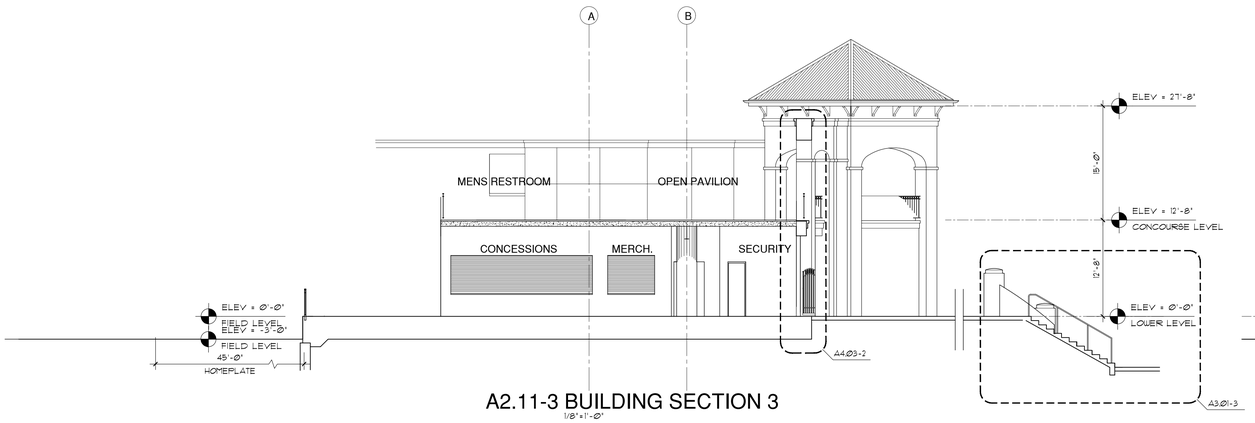
A2.11-4 BUILDING SECTION 4

1/8"=1'-Ø"



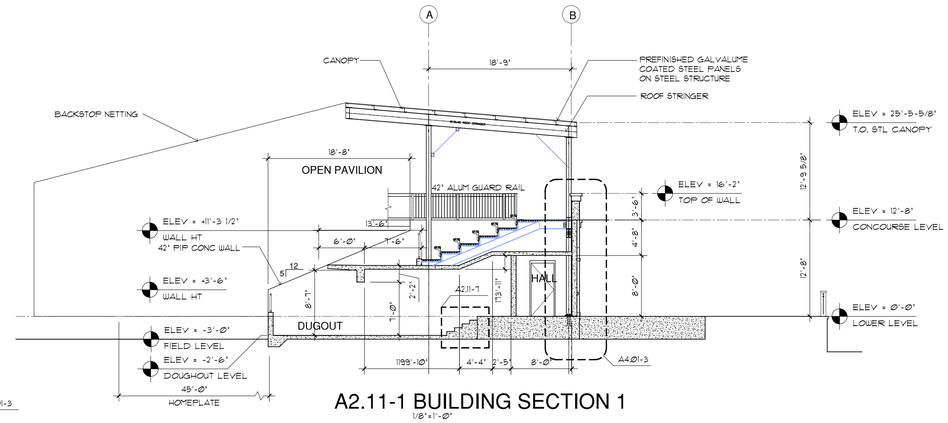
A2.11-2 BUILDING SECTION 2

1/8"=1'-Ø"



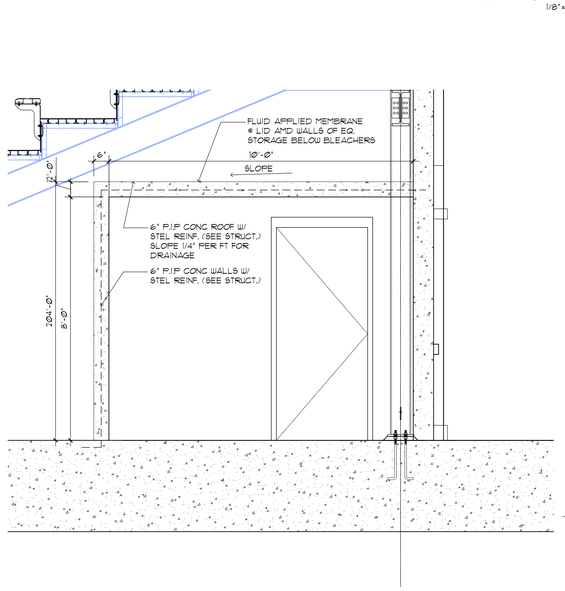
A2.11-3 BUILDING SECTION 3

1/8"=1'-Ø"



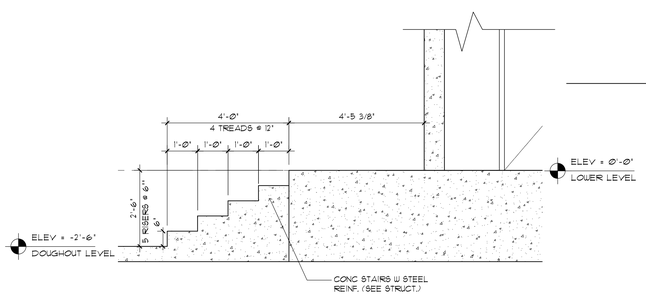
A2.11-1 BUILDING SECTION 1

1/8"=1'-Ø"



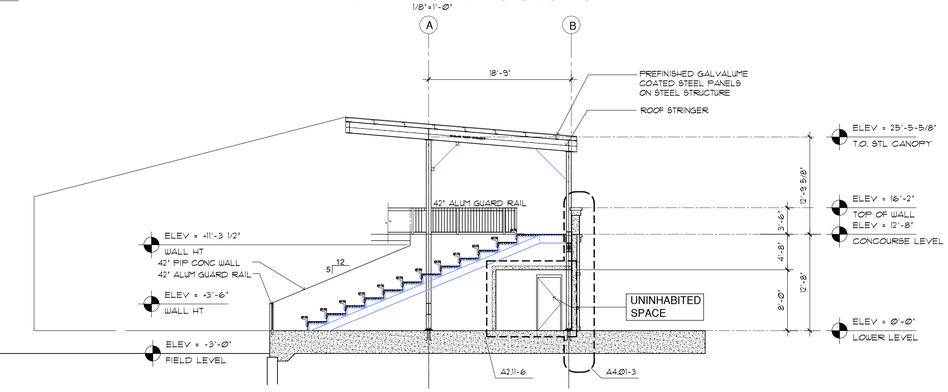
A2.11-6 EQUIPMENT STORAGE RM

1/8"=1'-Ø"



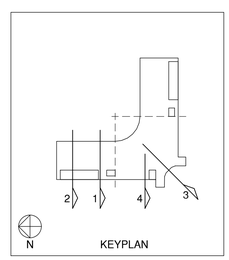
A2.11-7 COORIDOR STAIR SECTION

1/8"=1'-Ø"



A2.11-5 BUILDING SECTION 5

1/8"=1'-Ø"



REGISTERED ARCHITECT
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U.S. VIRGIN ISLANDS

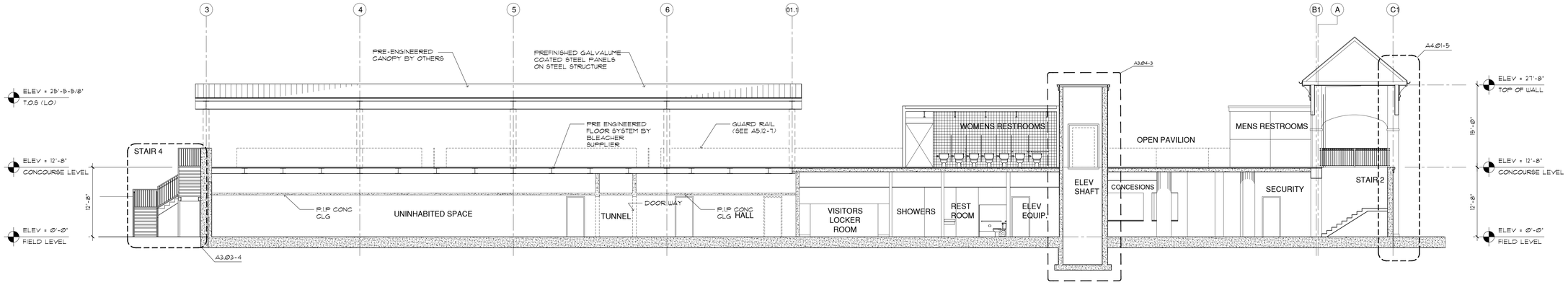
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PROJECT:
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DRAWING INFORMATION:
MISC. BUILDING SECTIONS

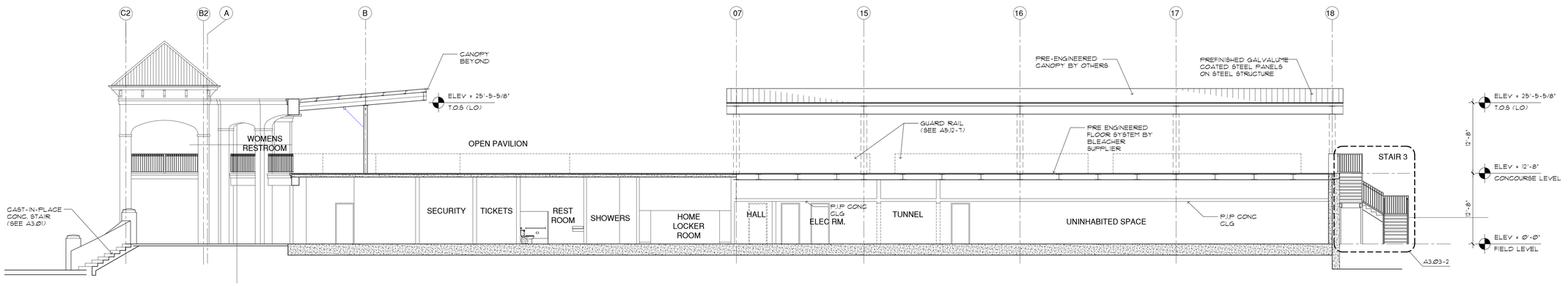
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A2.11



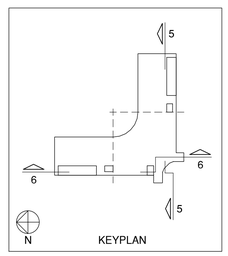
A2.12-2 LONGITUDINAL SECTION 6 LOOKING EAST

1/8"=1'-Ø"



A2.12-1 LONGITUDINAL SECTION 5 LOOKING NORTH

1/8"=1'-Ø"



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AND SPORT COMPLEX

DRAWING INFORMATION:

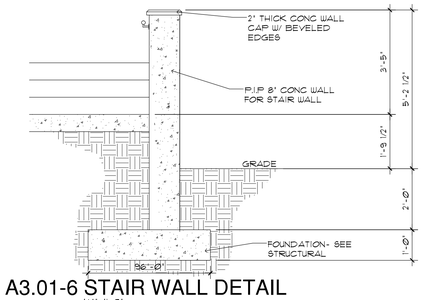
BUILDING SECTIONS

DATE: 05-08-2020

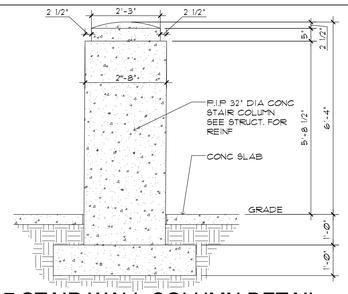
DRAWN BY: STAFF

SHEET NUMBER:

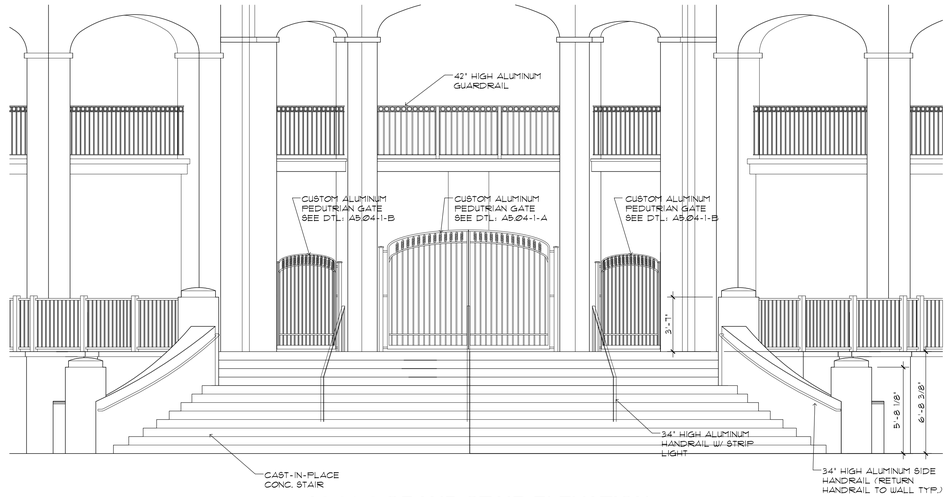
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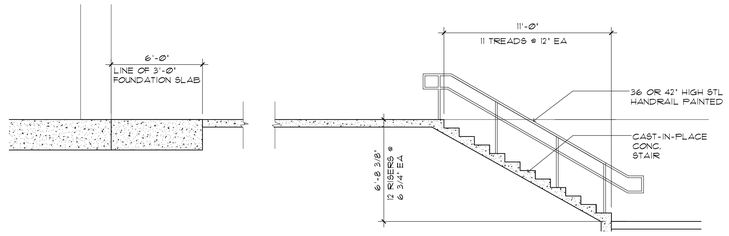
A3.01-6 STAIR WALL DETAIL



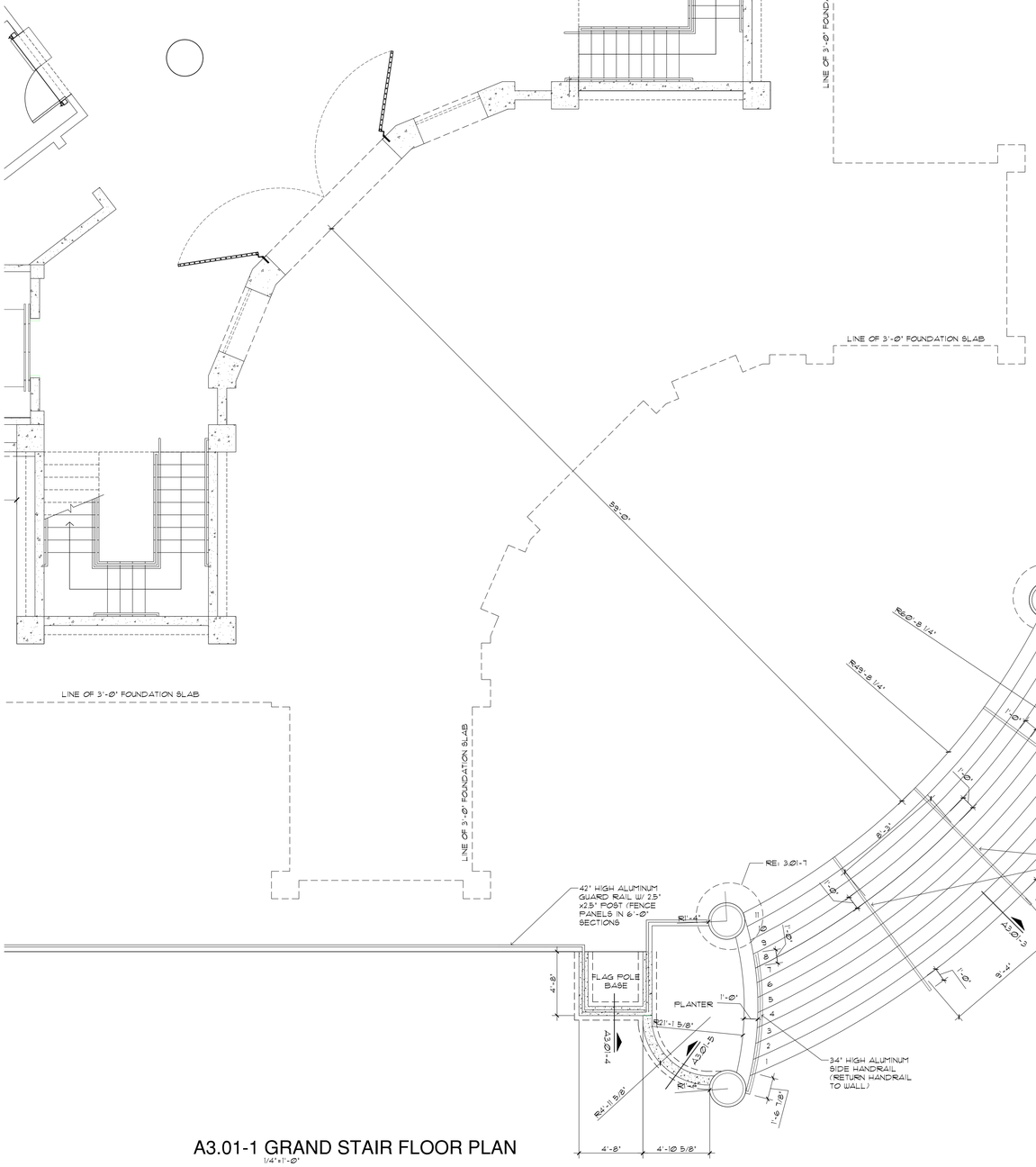
A3.01-7 STAIR WALL COLUMN DETAIL



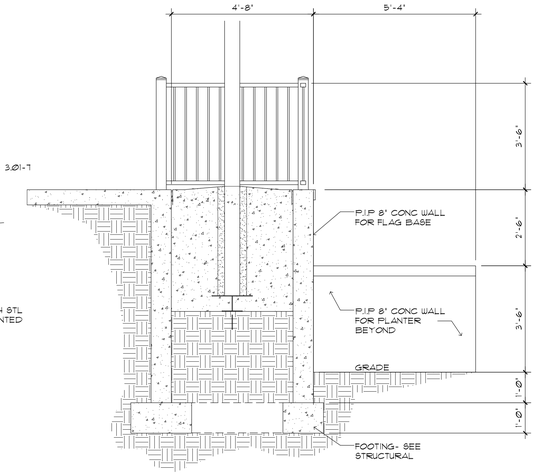
A3.01-2 GRAND STAIR ELEVATION
1/4"=1'-Ø"



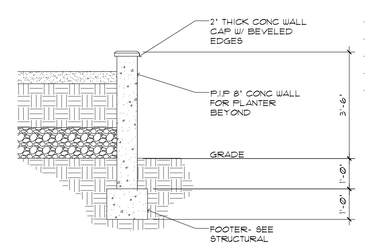
A3.01-3 GRAND STAIR SECTION
1/4"=1'-Ø"



A3.01-1 GRAND STAIR FLOOR PLAN
1/4"=1'-Ø"

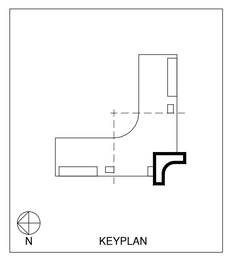


A3.01-4 FLAG POLE BASE SURROUND
1/4"=1'-Ø"



A3.01-5 PLANTER WALL DETAIL
1/4"=1'-Ø"

0 1 2 4 8 12
SCALE: 1/4" = 1'-0"



REGISTERED ARCHITECT
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A-0458
U.S. VIRGIN ISLANDS

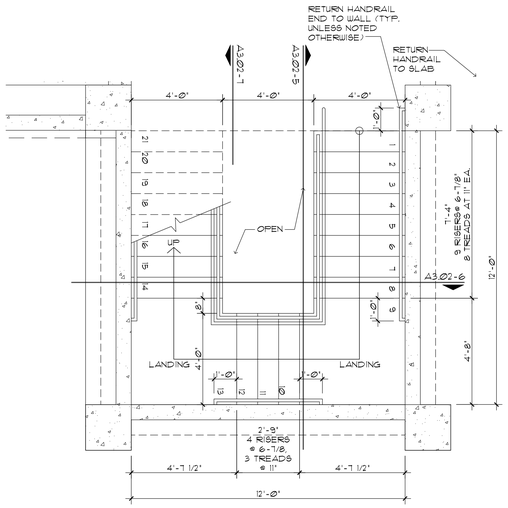
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TEL 340-778-8898 FAX 340-778-7754

PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

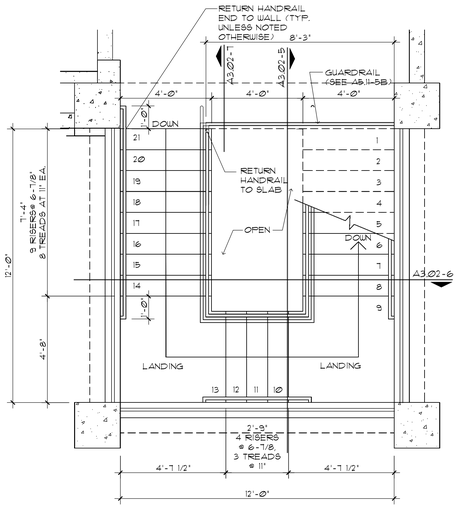
DRAWING INFORMATION:
GRAND STAIR PLAN, SECTIONS & ELEVATION

DATE: 05-08-2020
DRAWN BY: STAFF

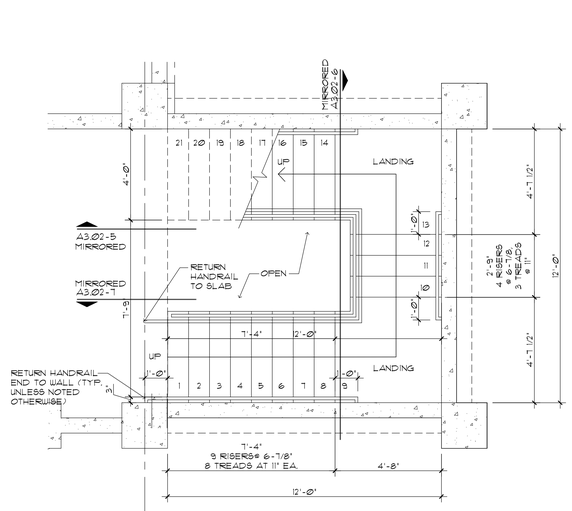
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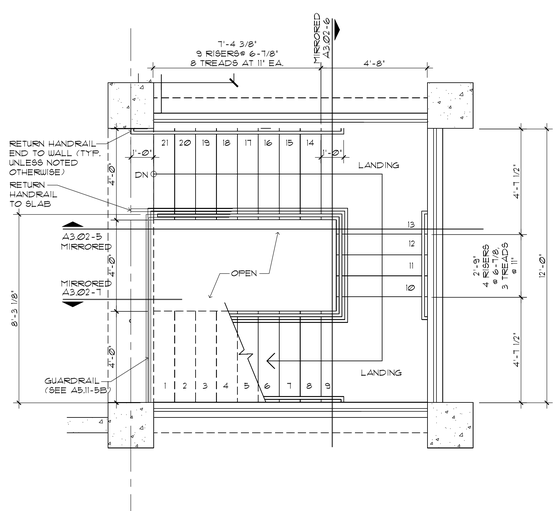
A3.02-1 STAIR 1 FIELD LEVEL PLAN
3/8"=1'-Ø"



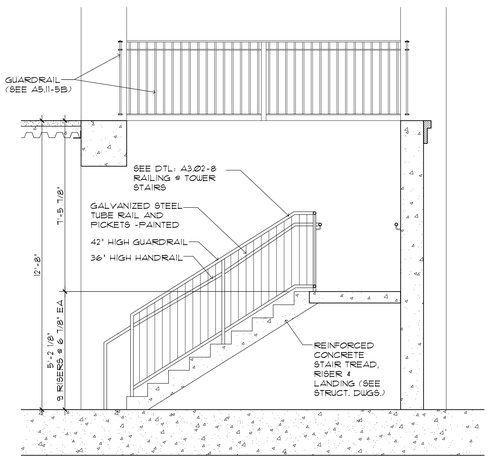
A3.02-2 STAIR 1 CONCOURSE LEVEL PLAN
3/8"=1'-Ø"



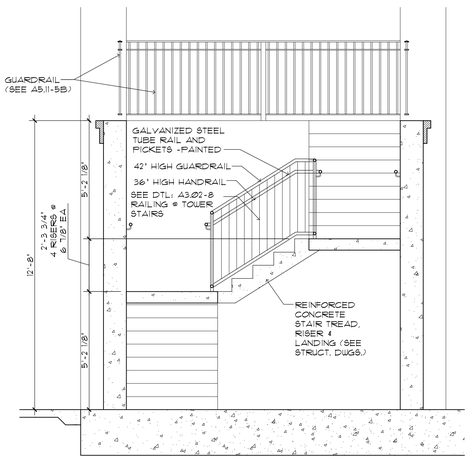
A3.02-3 STAIR 2 FIELD LEVEL PLAN
3/8"=1'-Ø"



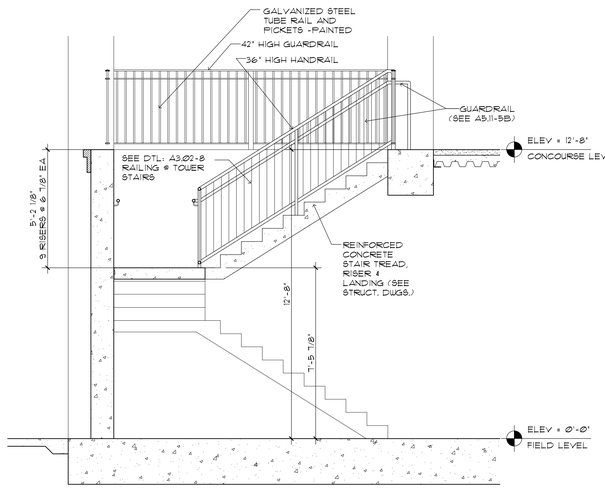
A3.02-4 STAIR 2 CONCOURSE LEVEL PLAN
3/8"=1'-Ø"



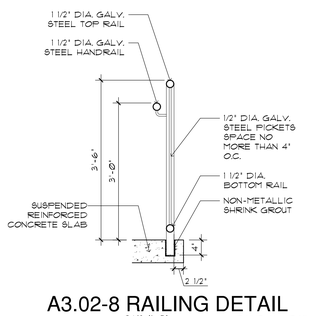
A3.02-5 STAIR 1 SECTION
3/8"=1'-Ø" STAIR 2 MIRRORED



A3.02-6 STAIR 1 SECTION
3/8"=1'-Ø" STAIR 2 MIRRORED



A3.02-7 STAIR 1 SECTION
3/8"=1'-Ø" STAIR 2 MIRRORED



A3.02-8 RAILING DETAIL
3/4"=1'-Ø" PAINT ALL RAIL COMPONENTS

REGISTERED ARCHITECT
STEVEN E. HUTCHINS
A-0454
U.S. VIRGIN ISLANDS

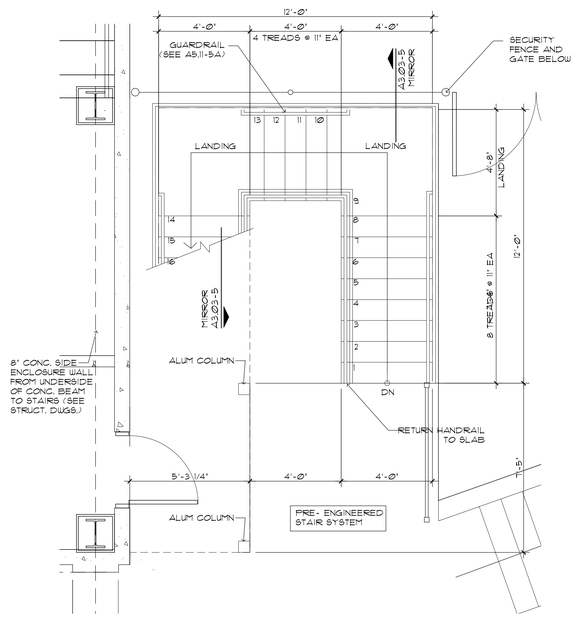
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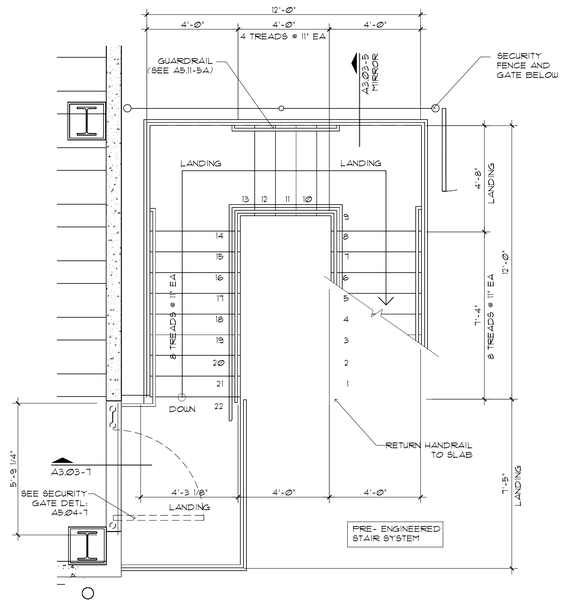
DRAWING INFORMATION:
STAIR 1 & 2 PLANS, ELEVATIONS
AND DETAILS

DATE: 05-08-2020
DRAWN BY: STAFF

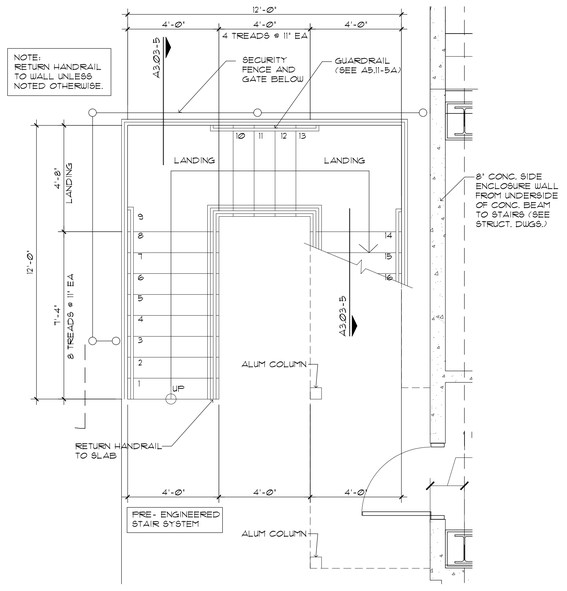
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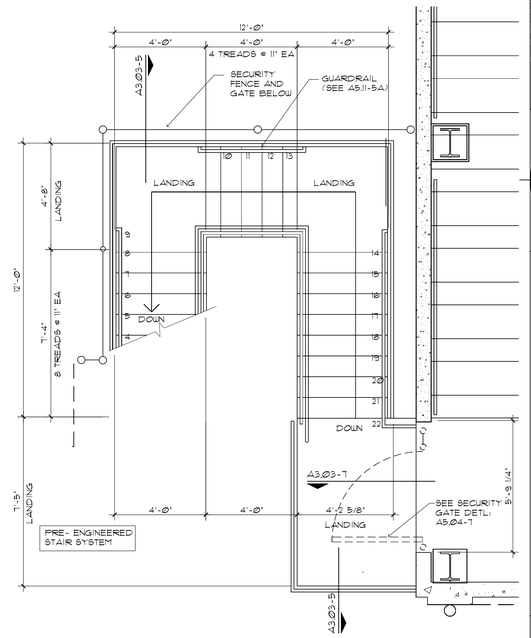
A3.03-1 STAIR 3 FIELD PLAN
3/8"=1'-Ø"



A3.03-2 STAIR 3 CONCOURSE PLAN
3/8"=1'-Ø"



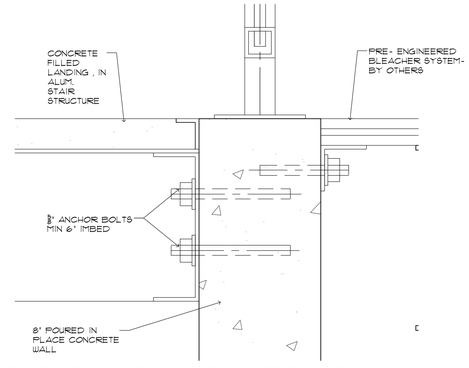
A3.03-3 STAIR 4 FIELD PLAN
3/8"=1'-Ø"



A3.03-4 STAIR 4 CONCOURSE PLAN
3/8"=1'-Ø"

A3.03-5 STAIR 4 SECTION (STAIR 3 MIRRORED)
3/8"=1'-Ø"

A3.03-6 STAIR 4 SECTION (STAIR 3 MIRRORED)
3/8"=1'-Ø"



A3.03-7 STAIR LANDING CONNCTION DTL
3" =1'-Ø"

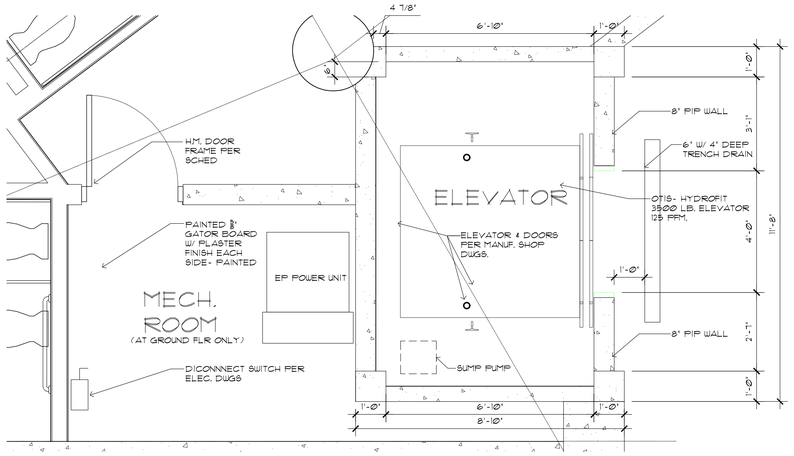
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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
STAIR 3 & 4 PLANS, ELEVATIONS
AND DETAILS

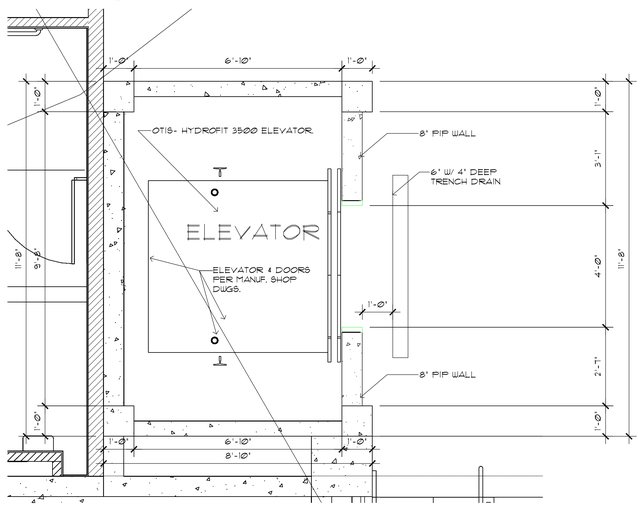
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
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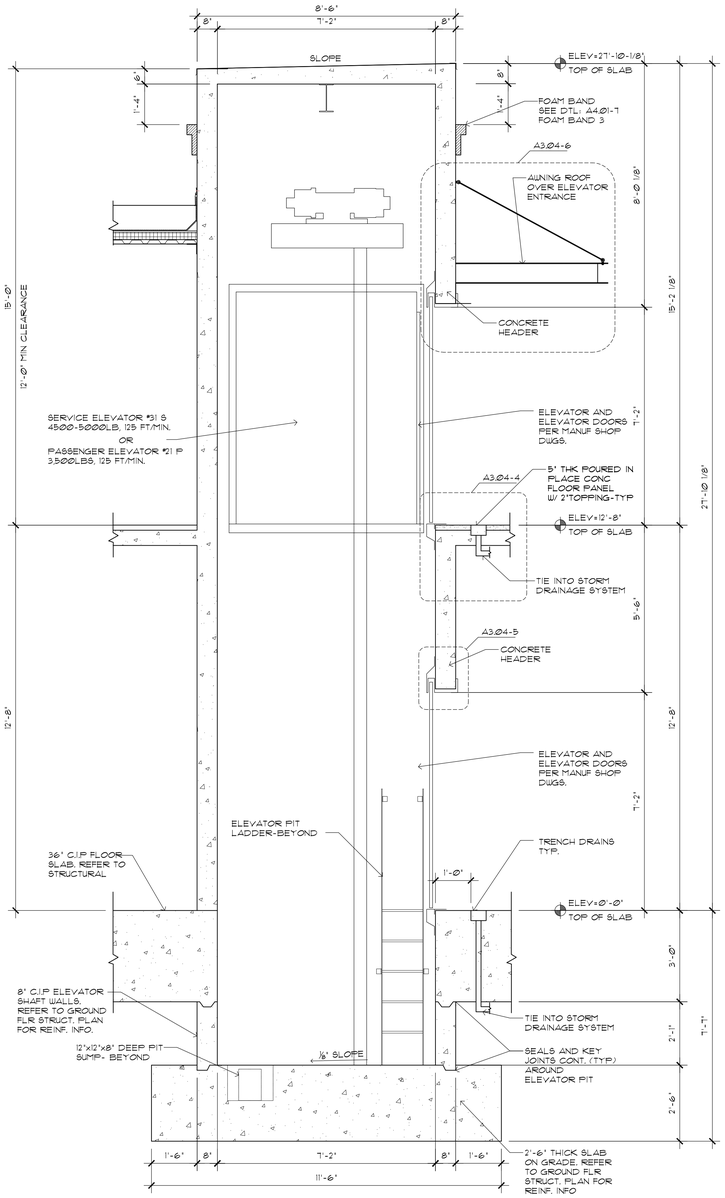
A3.04-1 ELEVATOR SHAFT PLAN - FIELD LEVEL

1/2"=1'-0"



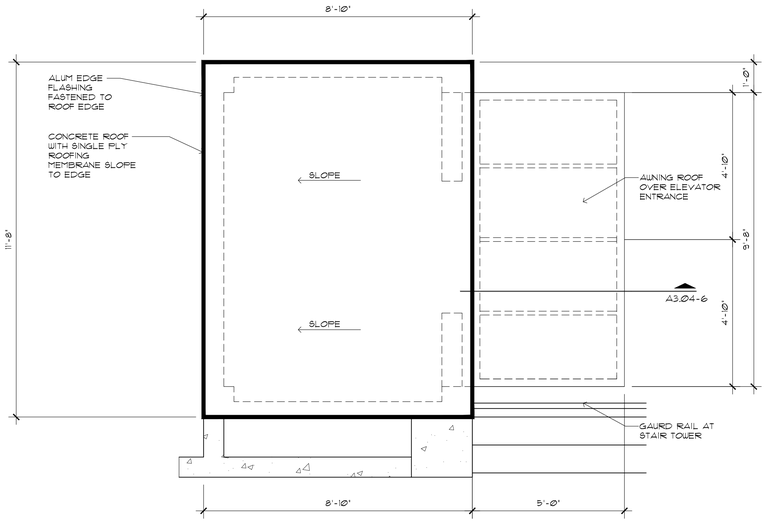
A3.04-2 ELEVATOR SHAFT PLAN - CONCOURSE LEVEL

1/2"=1'-0"



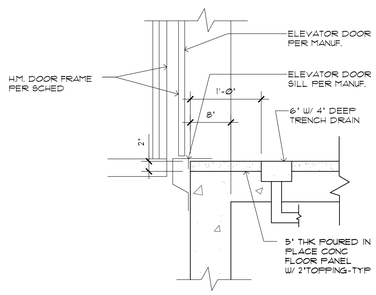
A3.04-3 ELEVATOR SHAFT SECTION

1/2"=1'-0"



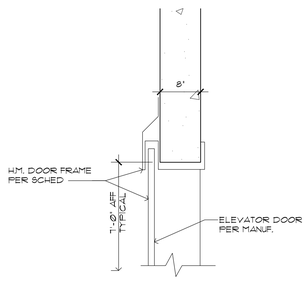
A3.04-6 ELEVATOR SHAFT PLAN - ROOF LEVEL

1/2"=1'-0"



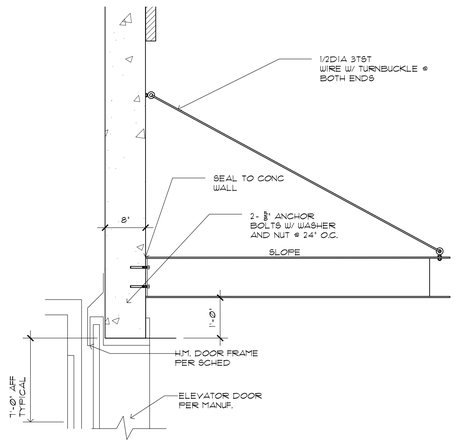
A3.04-4 ELEVATOR DOOR SILL

1"=1'-0"



A3.04-5 ELEVATOR DOOR HEAD

1"=1'-0"



A3.04-6 ELEVATOR CANOPY DETAIL

1"=1'-0"

REGISTERED ARCHITECT
STEVEN E. HUTCHINS
A-0458-A
U.S. VIRGIN ISLANDS

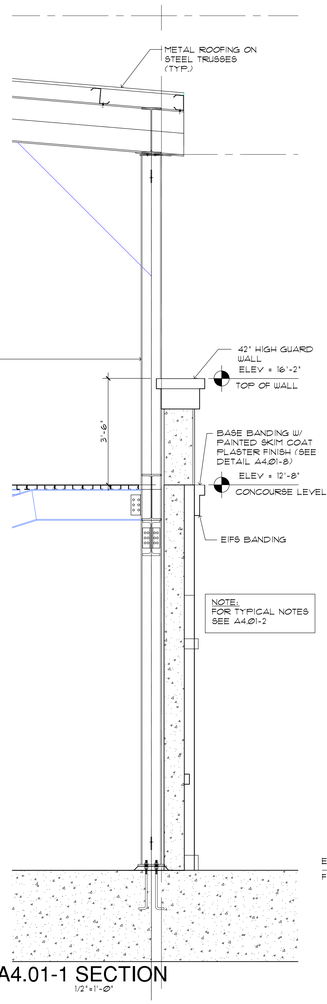
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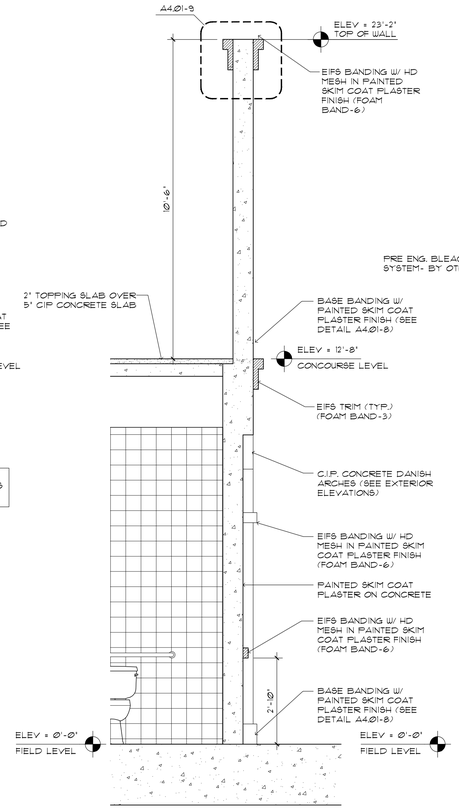
DRAWING INFORMATION:
ELEVATOR PLANS, SECTIONS, AND MISC. DETAILS

DATE: 05-08-2020
DRAWN BY: STAFF

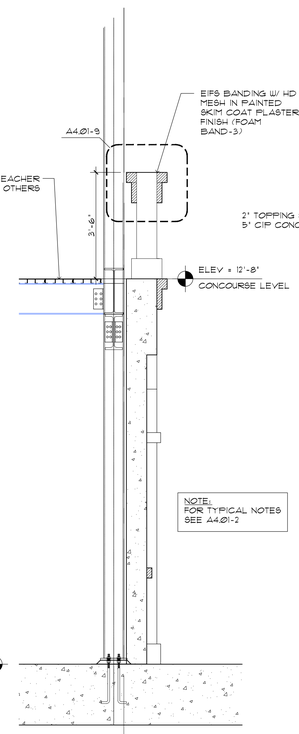
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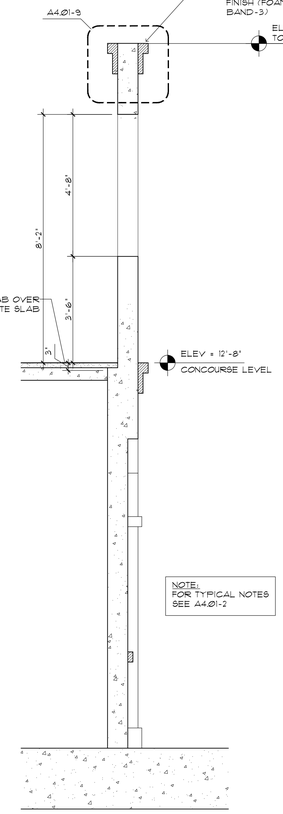
A4.01-1 SECTION
1/2"=1'-0"



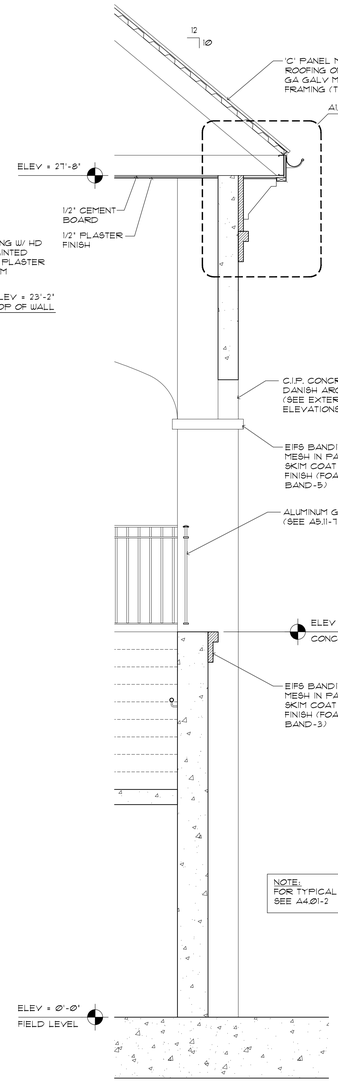
A4.01-2 SECTION
1/2"=1'-0"



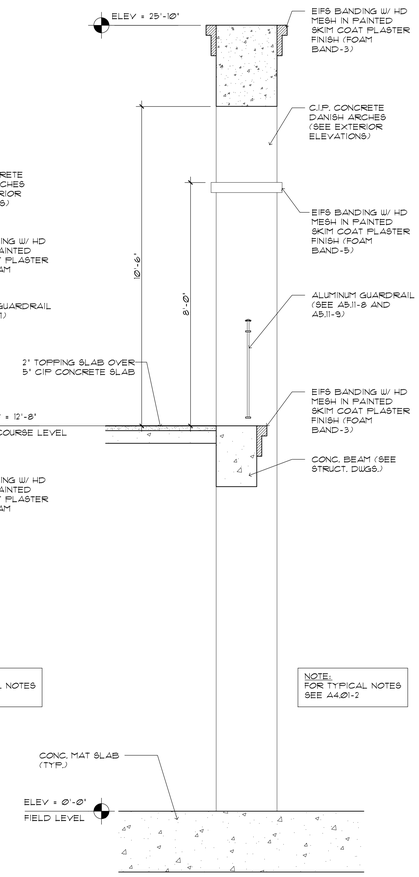
A4.01-3 SECTION
1/2"=1'-0"



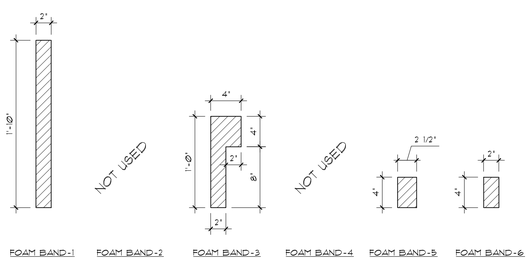
A4.01-4 SECTION
1/2"=1'-0"



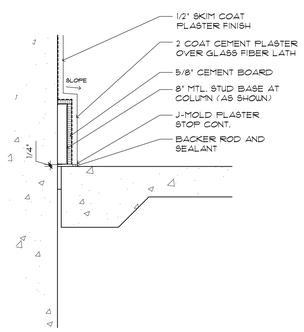
A4.01-5 SECTION
1/2"=1'-0"



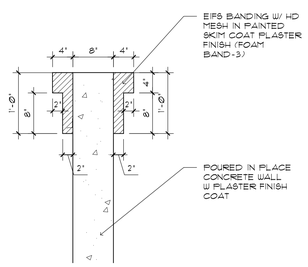
A4.01-6 SECTION
1/2"=1'-0"



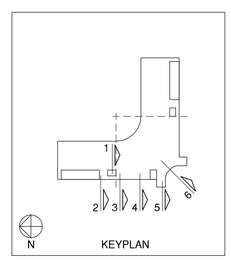
A4.01-7 FOAM BAND PROFILES
1 1/2"=1'-0"



A4.01-8 BASE DETAIL
1 1/2"=1'-0"



A4.01-9 FOAM BAND DETAIL
1"=1'-0"



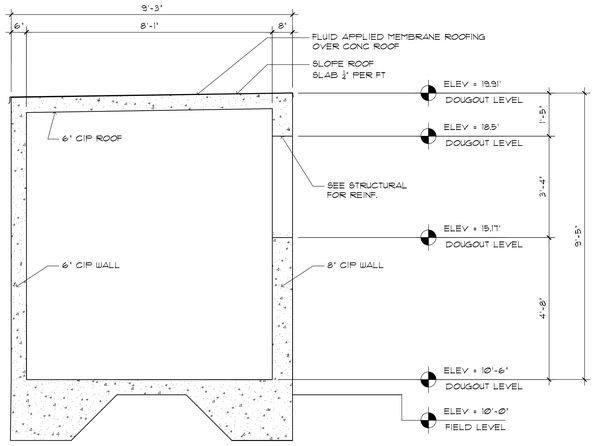
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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
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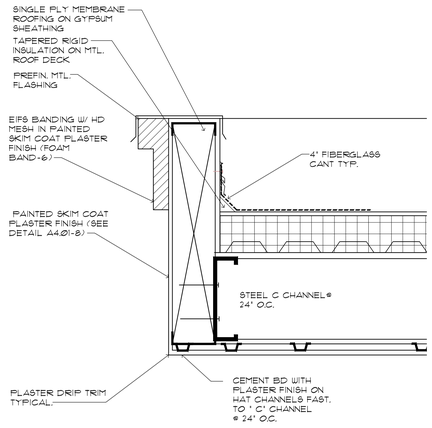
DRAWING INFORMATION:
WALL SECTIONS AND FOAM BANDING

DATE: 05-08-2020
DRAWN BY: STAFF

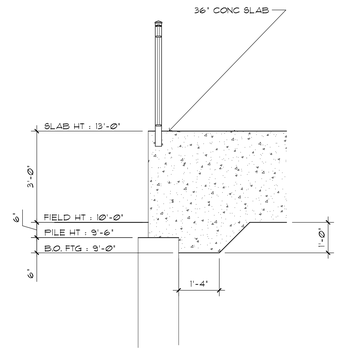
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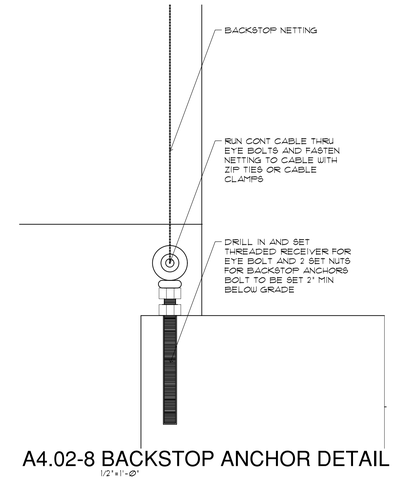
A4.02-5 SECTION @ CAMERA ENCLOSURE
1/2"=1'-0"



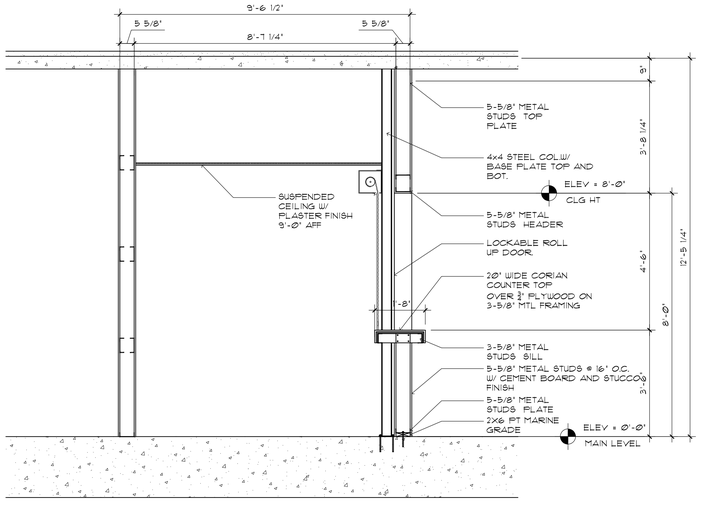
A4.02-6 HEADER SECTION @ CONCOURSE BATHRM.
1/2"=1'-0"



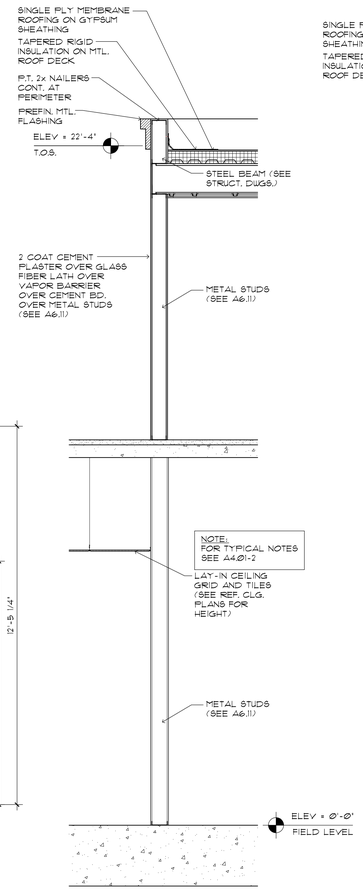
A4.02-7 FOUNDATION DETAIL @ FIELD SIDE
1/2"=1'-0"



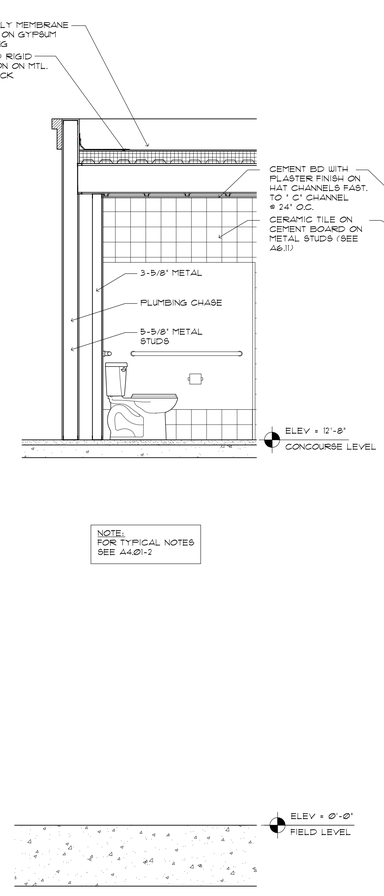
A4.02-8 BACKSTOP ANCHOR DETAIL
1/2"=1'-0"



A4.02-1 SECTION @ CONCESSIONS
1/2"=1'-0"

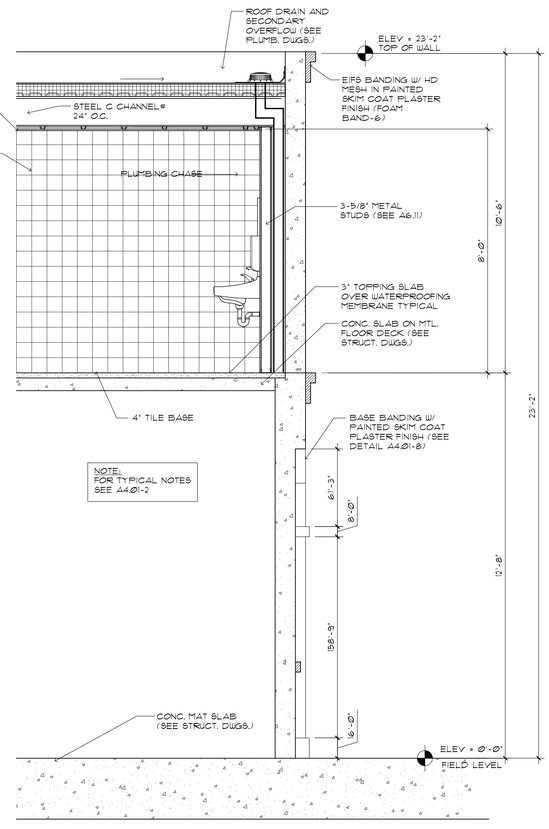


A4.02-2 SECTION
1/2"=1'-0"



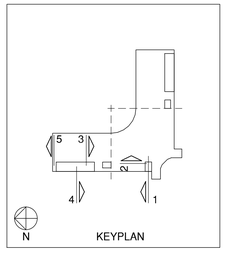
A4.02-3 SECTION
1/2"=1'-0"

PROPOSED FOUNDATION DETAIL @ FIELD SIDE OPT 1
1/2"=1'-0"



A4.02-4 SECTION
1/2"=1'-0"

NOTE:
FOR EIFS FOAM PROFILES SEE SHEET A4.01



REGISTERED ARCHITECT
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A-0458
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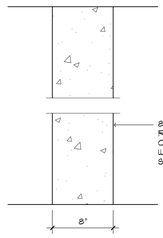
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109-113 ESTATE CASTLE COAKLEY
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U.S. VIRGIN ISLANDS 00822
TEL 340-778-8898 FAX 340-778-7754

PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

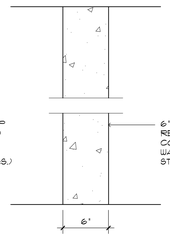
DRAWING INFORMATION:
WALL SECTIONS

DATE: 05-08-2020
DRAWN BY: STAFF

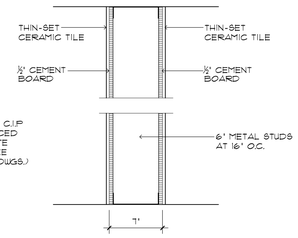
SHEET NUMBER:
A4.02



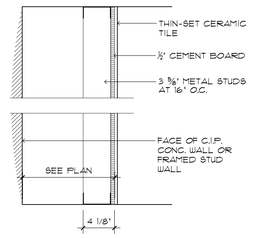
A4.03-1 CONC. WALL
1-1/2"=1'-0"



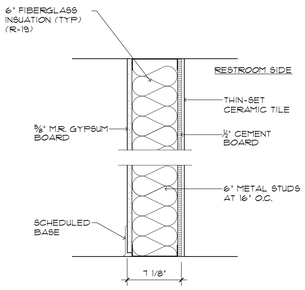
A4.03-2 CONC. WALL
1-1/2"=1'-0"



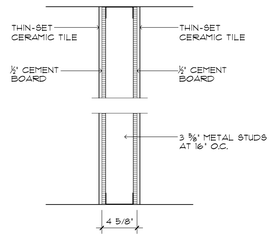
A4.03-3 PARTITION 3
1-1/2"=1'-0"



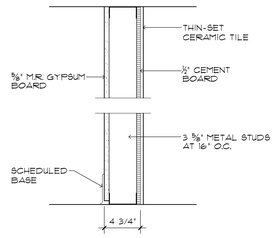
A4.03-4 PARTITION 4
1-1/2"=1'-0"
TYP. PLUMB. CHASE WALL



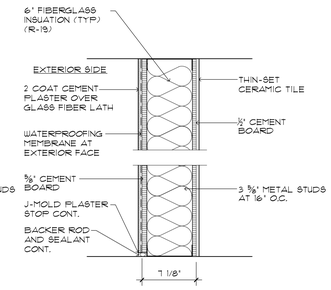
A4.03-5 PARTITION 5
1-1/2"=1'-0"



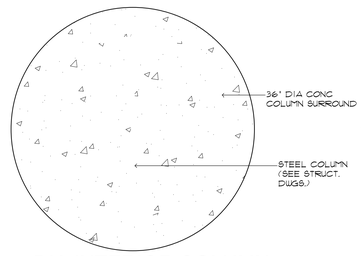
A4.03-6 PARTITION 6
1-1/2"=1'-0"



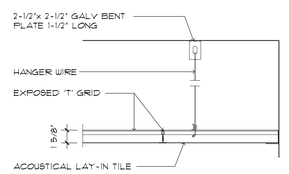
A4.03-7 PARTITION 7
1-1/2"=1'-0"



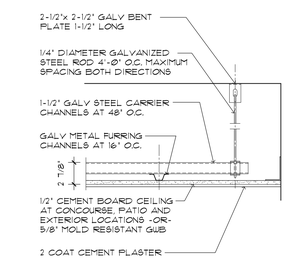
A4.03-8 PARTITION 8
1-1/2"=1'-0"



36" DIA INTERIOR COLUMN
A4.03-9 W/CONC SURROUND
1-1/2"=1'-0"



A4.03-10 ACOUSTIC TILE CLG
1-1/2"=1'-0"



A4.03-11 SUSPENDED CEILING
1-1/2"=1'-0"

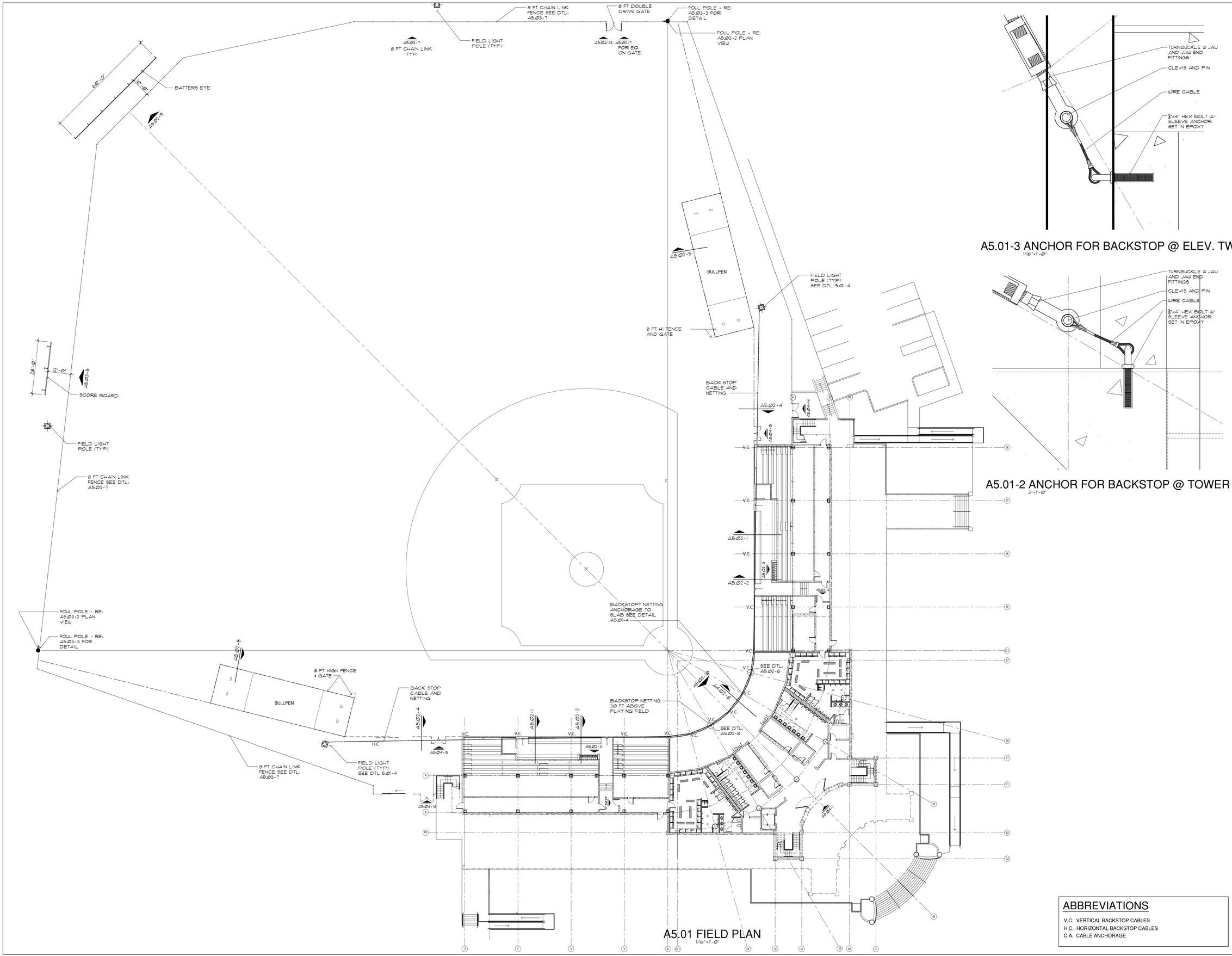
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
TYPICAL WALL TYPES

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A4.03



A5.01 FIELD PLAN
1/16"=1'-Ø"

A5.01-3 ANCHOR FOR BACKSTOP @ ELEV. TWR.
1/16"=1'-Ø"

A5.01-2 ANCHOR FOR BACKSTOP @ TOWER
3"=1'-Ø"

ABBREVIATIONS

V.C. VERTICAL BACKSTOP CABLES
H.C. HORIZONTAL BACKSTOP CABLES
C.A. CABLE ANCHORAGE

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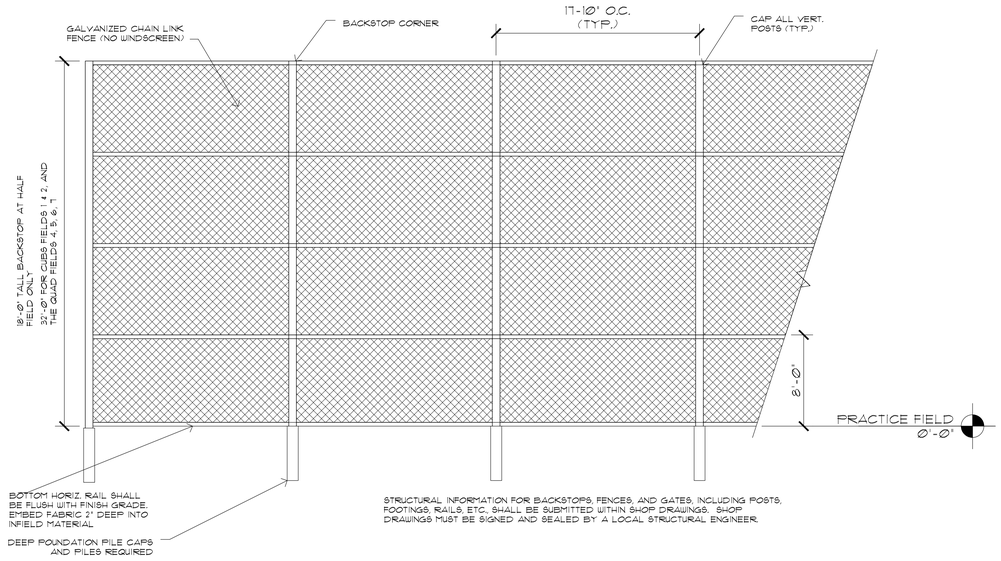
REGISTERED ARCHITECT STEVEN E. HUTCHINS A-453 U.S. VIRGIN ISLANDS

PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
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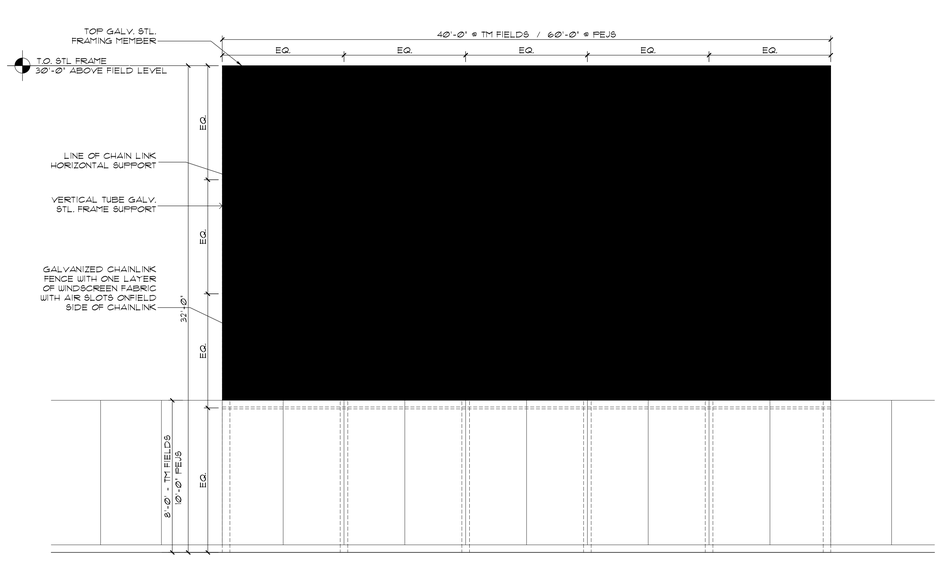
DRAWING INFORMATION:
FIELD SITE PLAN
AND DETAILS

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A5.01



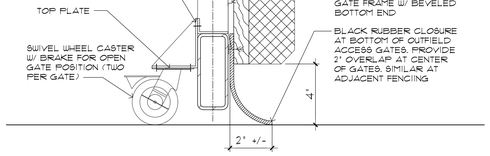
A5.02-10 BACKSTOP DETAIL
3/16"=1'-0"



A5.02-9 SCORE BOARD ELEVATION DETAI
1/4"=1'-0"



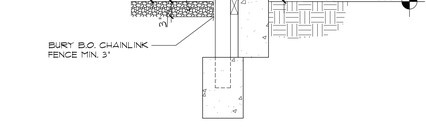
A5.02-8 BACKSTOP CABLE DETAIL
1'-0"=1'-0"



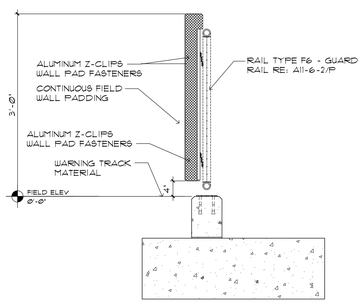
A5.02-7 OUTFIELD WALL GATE DETAIL
3"=1'-0"



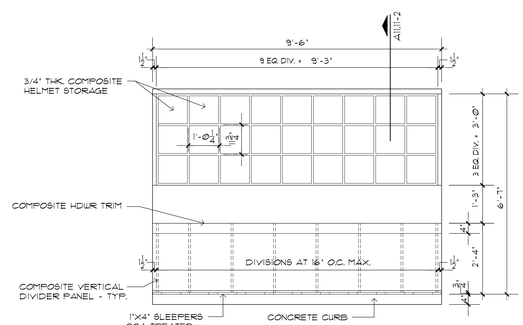
A5.02-6 BACKSTOP CABLE DETAIL
3"=1'-0"



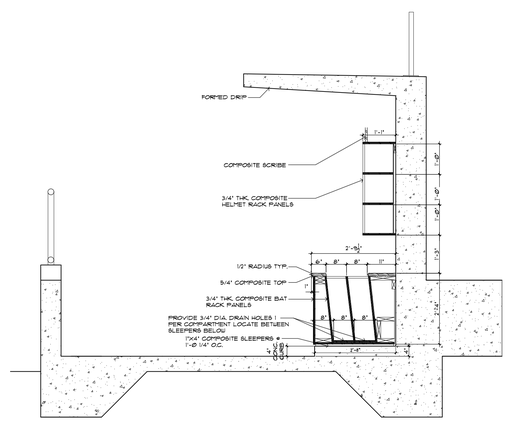
A5.02-5 FIELD WALL DETAIL AT BULLPEN
1"=1'-0"



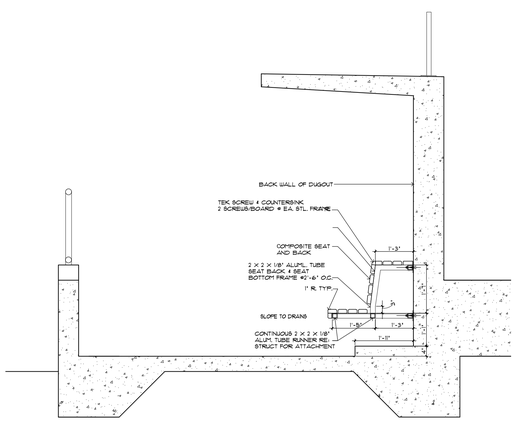
A5.02-4 INFIELD FENCE AT SIDELINES
3/4"=1'-0"



A5.02-3 BAT AND HELMET RACK ELEVATION
1/2"=1'-0"



A5.02-2 BAT AND HELMET RACK
3/4"=1'-0"



A5.02-1 DUGOUT BENCH SECTION
1/2"=1'-0"

REGISTERED ARCHITECT
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U.S. VIRGIN ISLANDS

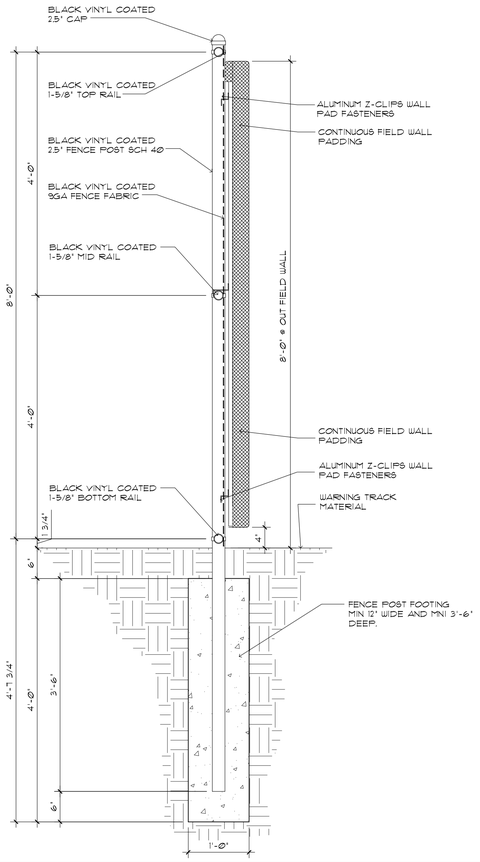
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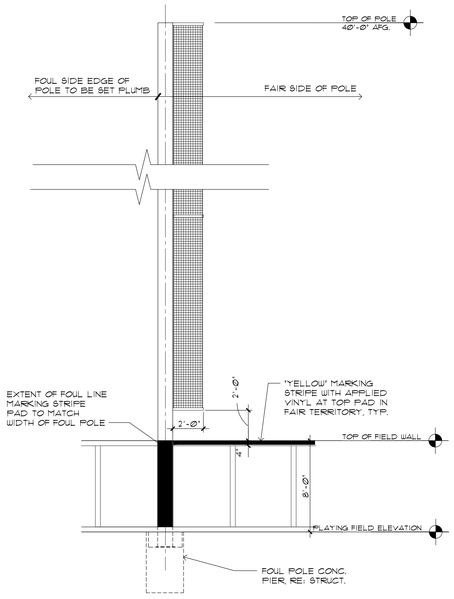
DRAWING INFORMATION:
FIELD SITE DETAILS

DATE: 05-08-2020
DRAWN BY: STAFF

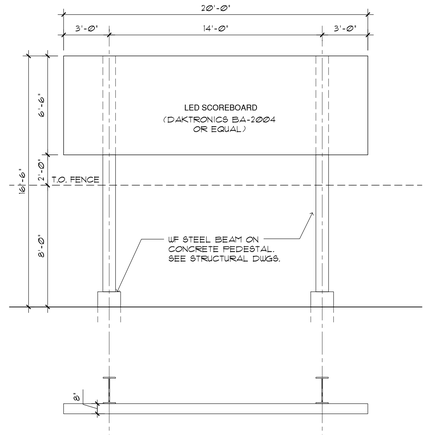
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A5.02



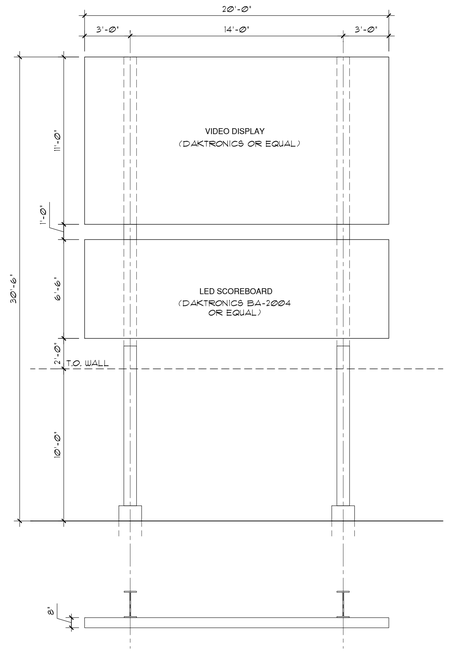
A5.03-7 8'-0" 3-RAIL CHAIN LINK FENCE W PADDING
1"=1'-0"



A5.03-3 FOUL POLE ELEVATION FOR PEJS
1/4"=1'-0"

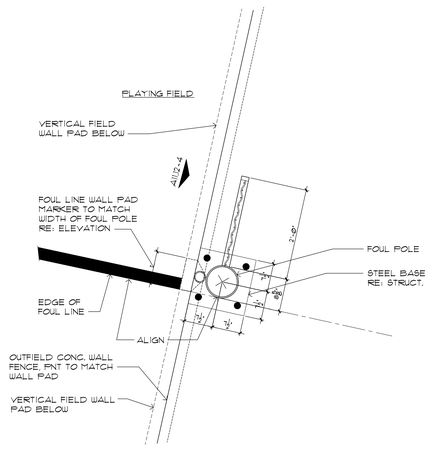


A5.03-6 TM FIELD SCOREBOARD
1/4"=1'-0"

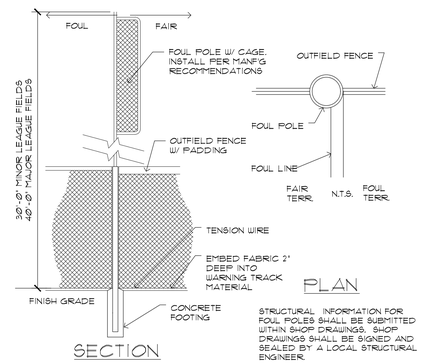


A5.03-5 PEJS SCOREBOARD ALTERNATE
1/4"=1'-0"

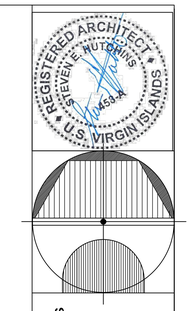
A5.03-4 NOT USED
1/4"=1'-0"



A5.03-2 FOUL POLE PLAN FOR PEJS
3/4"=1'-0"



A5.03-1 TYP FOUL POLE DTL @ PRACTICE FIELDS
1/4"=1'-0"



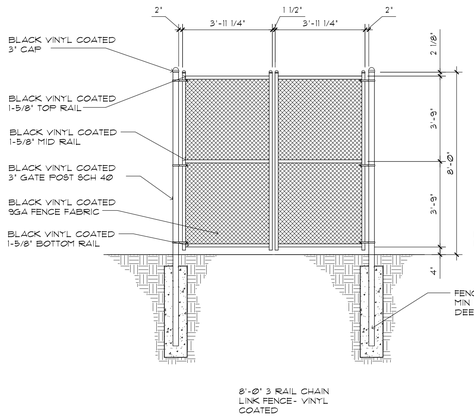
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DRAWING INFORMATION:
FIELD SITE DETAILS

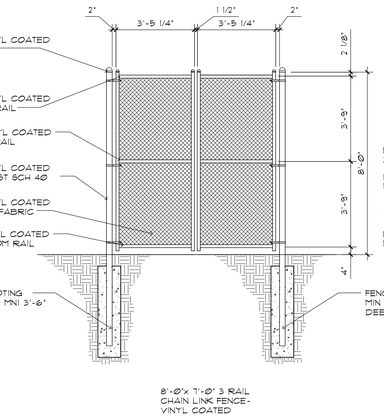
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A5.03



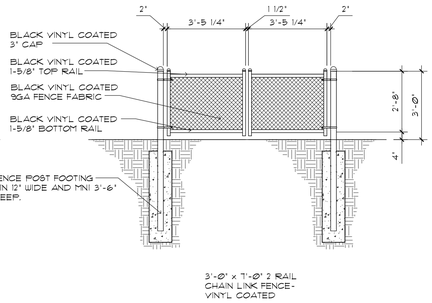
8'-Ø" 3 RAIL CHAIN LINK FENCE- VINYL COATED

A5.04-13 8'-0"CHAIN LINK GATE ELEVATIONS
3/8"=1'-Ø"



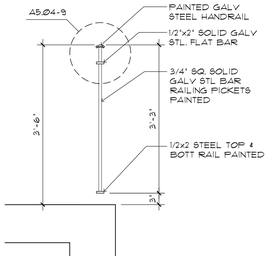
8'-Ø"x 1'-Ø" 3 RAIL CHAIN LINK FENCE- VINYL COATED

A5.04-14 8'-0" CHAIN LINK GATE ELEVATIONS
3/8"=1'-Ø"

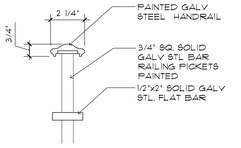


3'-Ø" x 1'-Ø" 2 RAIL CHAIN LINK FENCE- VINYL COATED

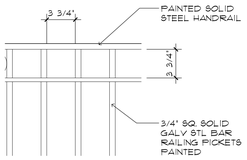
A5.04-15 CHAIN LINK GATE ELEVATIONS (36" TALL)
3/8"=1'-Ø"



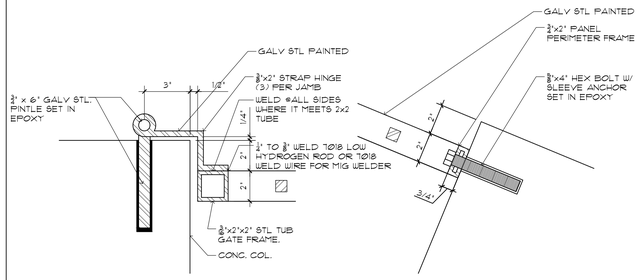
A5.04-10 TYP. RAILING SECTION
3/4"=1'-Ø"



A5.04-9 RAILING DETAIL
1 1/2"=1'-Ø"

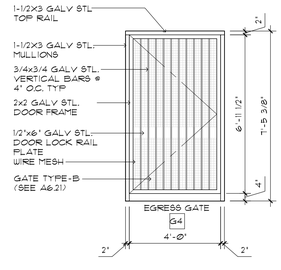


A5.04-8 RAILING DETAIL
1 1/2"=1'-Ø"



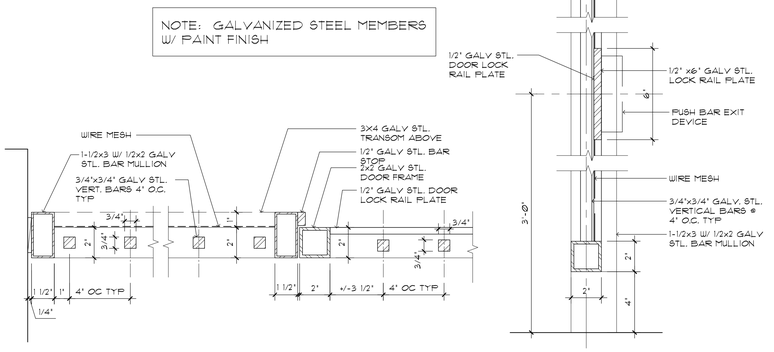
A5.04-16 GATE HINGE DETAIL
3"=1'-Ø"

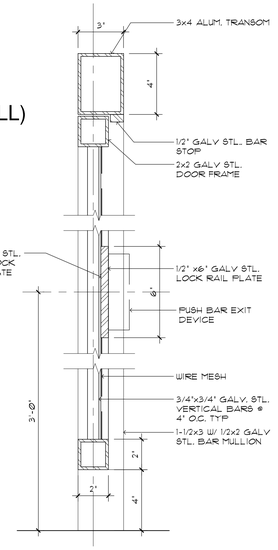
A5.04-16 FIXED PANEL DETAIL
3"=1'-Ø"



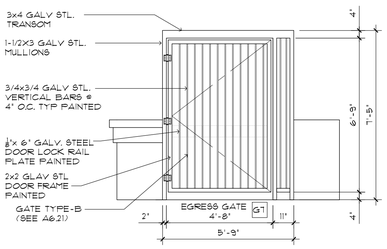
A5.04-12 DOUGOUT GATE ELEVATION
3/8"=1'-Ø"

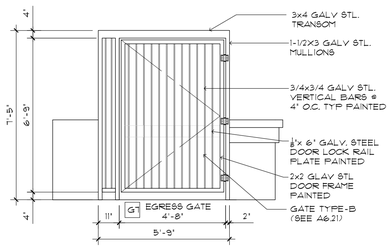
NOTE: GALVANIZED STEEL MEMBERS W/ PAINT FINISH



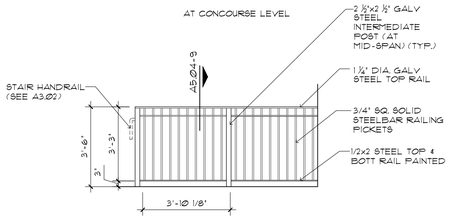


A5.04-11 SWING GATE W/ EXIT DEVICE DETAILS
3"=1'-Ø"

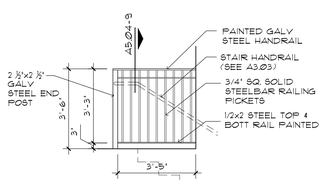




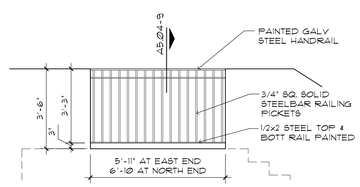
A5.04-7 STAIR GATES ELEVATION W/ REVERSE
3/8"=1'-Ø"



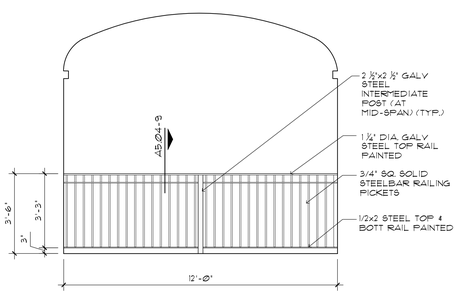
A5.04-6 RAILING ELEVATION
3/8"=1'-Ø"
AT TOWER STAIRS UPPER LANDING



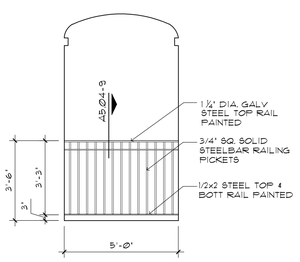
A5.04-5 RAILING ELEVATION
3/8"=1'-Ø"
AT CONCOURSE LEVEL STAIRS 3 AND 4 UPPER LANDING



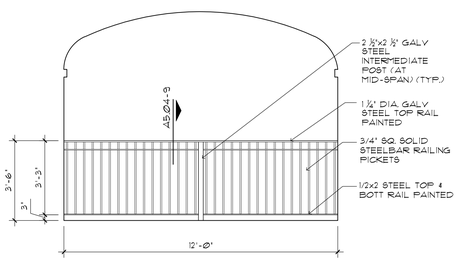
A5.04-4 RAILING ELEVATION
3/8"=1'-Ø"
AT CONCOURSE LEVEL END WALLS



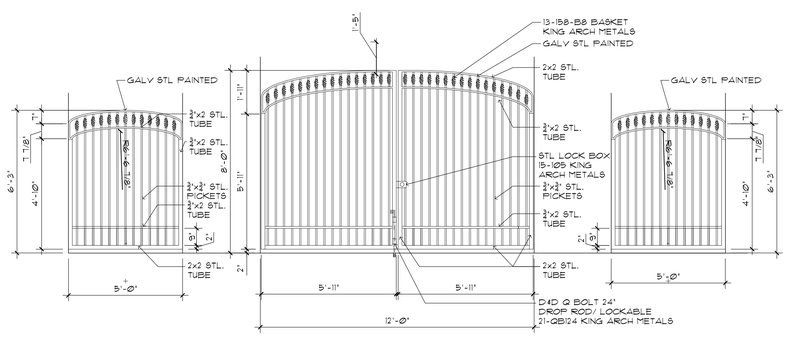
A5.04-3A CONCOURSE RAILING ELEVATION
3/8"=1'-Ø"
ABOVE GRAND STAIR



A5.04-3 CONCOURSE RAILING ELEVATION
3/8"=1'-Ø"
ABOVE GRAND STAIR



A5.04-2 TOWER RAILING ELEVATION
3/8"=1'-Ø"
AT CONCOURSE LEVEL



A5.04-1 ENTRY GATE ELEVATIONS
3/8"=1'-Ø"

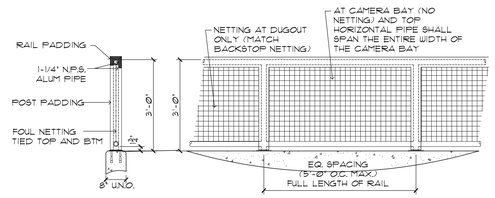
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

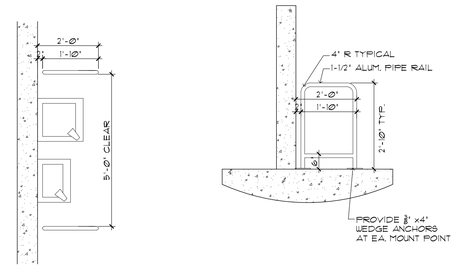
DRAWING INFORMATION:
FENCE AND GATE DETAILS

DATE: 05-08-2020
DRAWN BY: STAFF

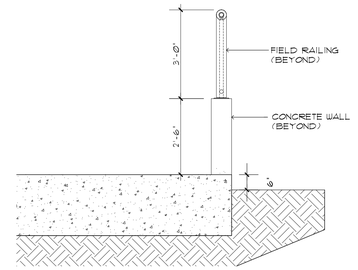
SHEET NUMBER:
A5.04



A5.05-11 DOUGOUT FENCING DETAIL
1/2"=1'-0"

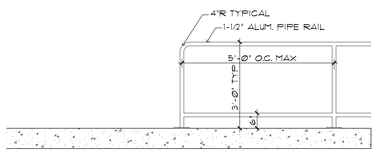


A5.05-10 DRINKING FOUNTAIN RAIL
1/2"=1'-0"

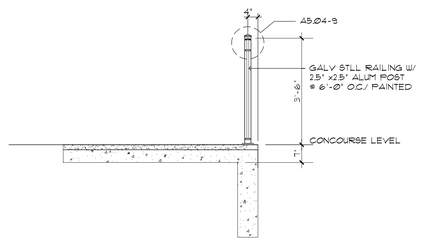


A5.05-9 DUGOUT FIELD ACCESS
1/2"=1'-0"

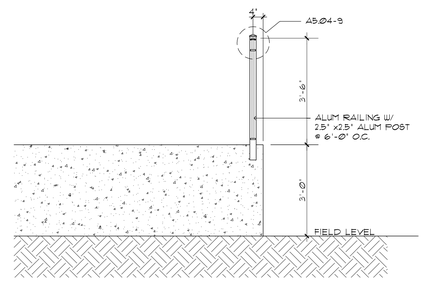
A5.05-8 DUGOUT RISER PLATFORM
1/2"=1'-0"



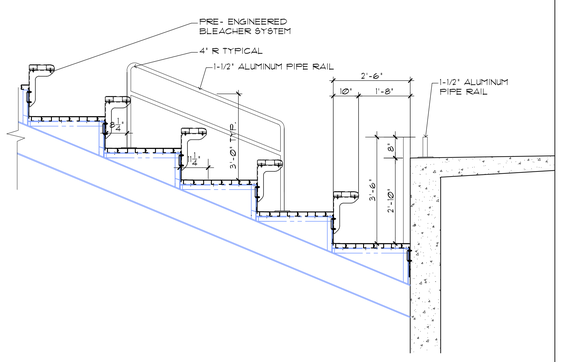
A5.05-7 CONCOURSE SEPARATION RAIL
1/2"=1'-0"



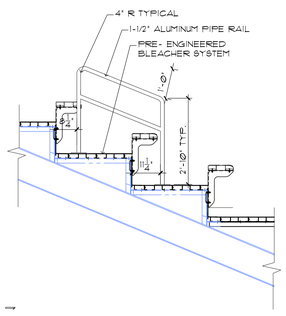
A5.05-6 CONCOURSE RAILING DETAIL
1/2"=1'-0"



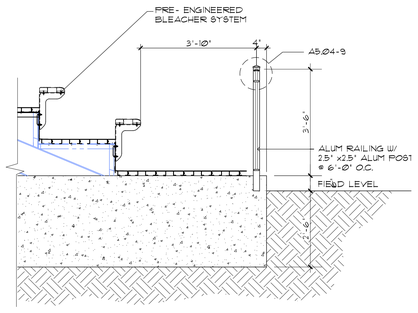
A5.05-5 FIELD WALL BEHIND HOMEPLATE
1/2"=1'-0"



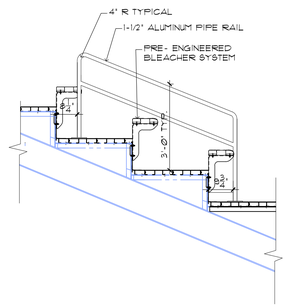
A5.05-4 SEATING @ REAR OF DOUGOUT
1/2"=1'-0"



A5.05-3 CENTER AISLE RAIL (SHORT)
1/2"=1'-0"



A5.05-2 FIELD WALL DEATAIL
1/2"=1'-0"



A5.05-1 CENTER AISLE RAIL (LONG)
1/2"=1'-0"

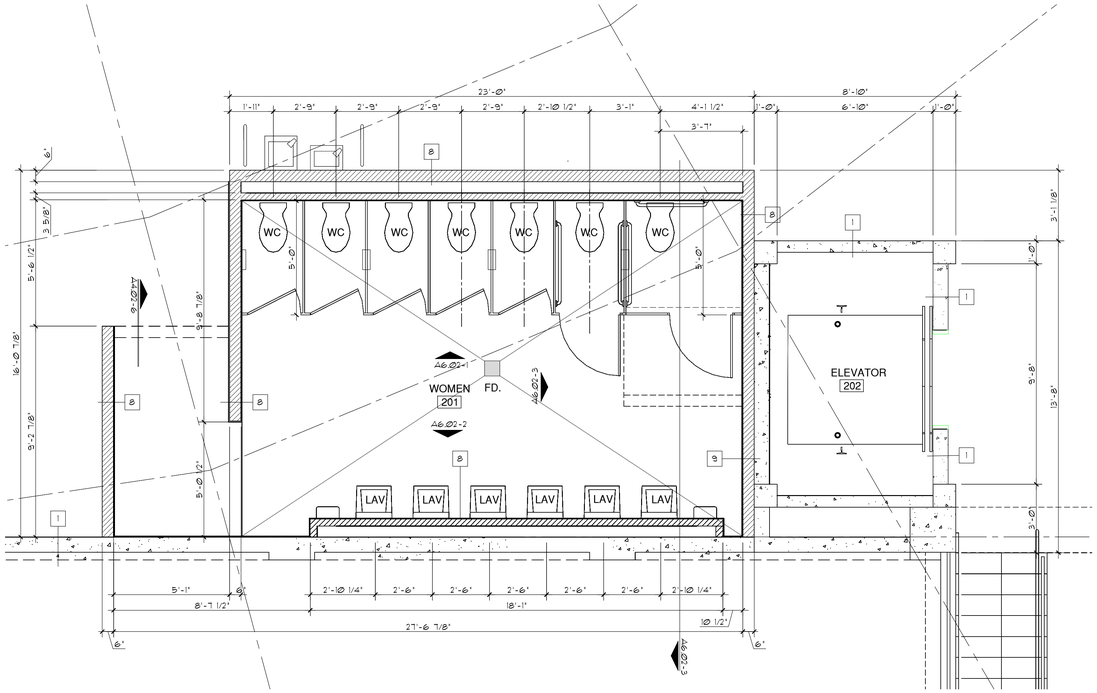
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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

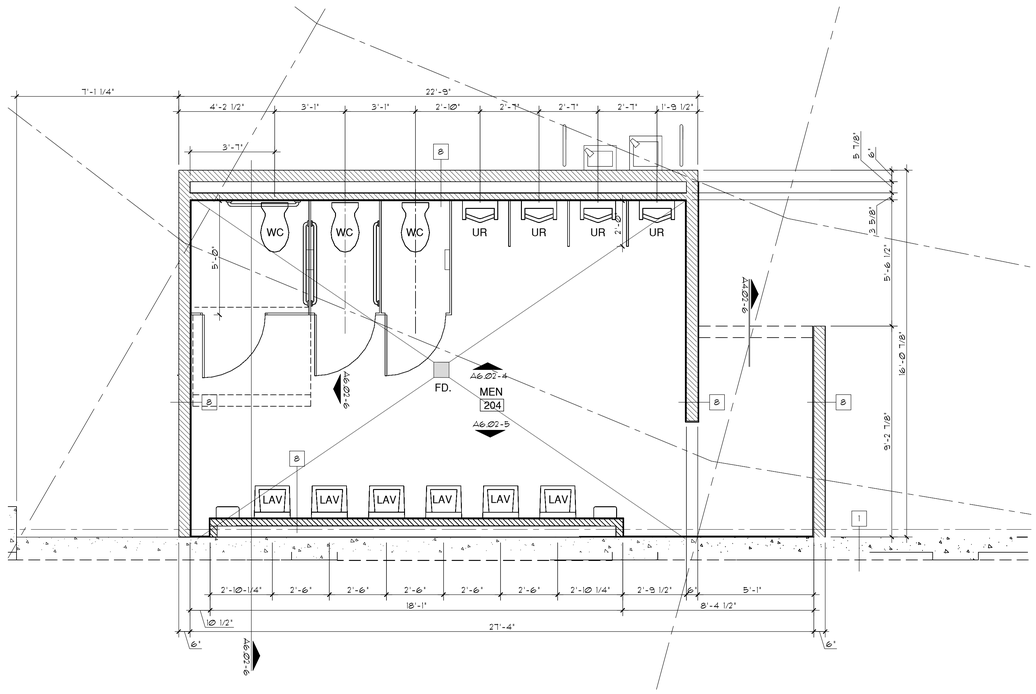
DRAWING INFORMATION:
RISER AND BOWL DETAILS

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A5.05



A6.06-1 WOMEN (#201)
1/4"=1'-0"



A6.06-2 MEN (#204)
1/4"=1'-0"

A6.06-3 WOMEN (#201)
1/4"=1'-0"

A6.06-4 MEN (#204)
1/4"=1'-0"

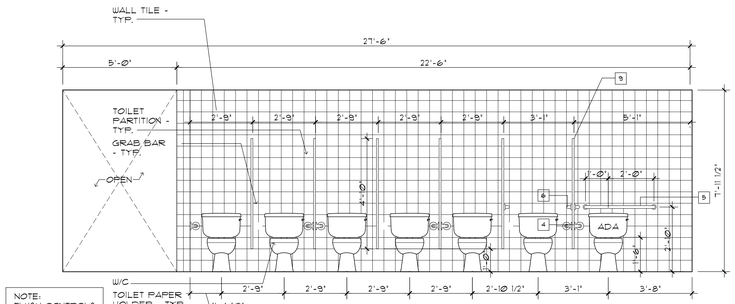
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
TIOLET AND LOCKER ROOM
ENLARGED PLANS

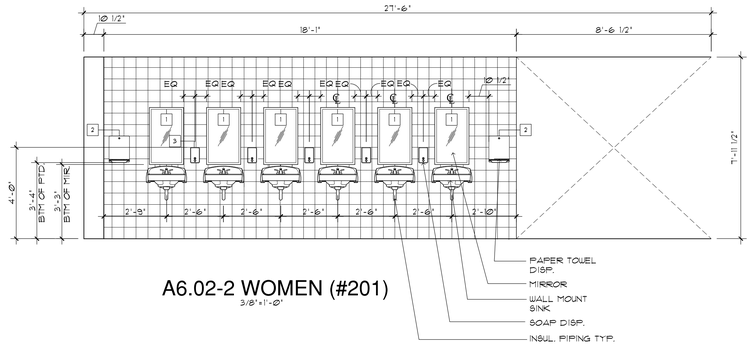
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A6.01

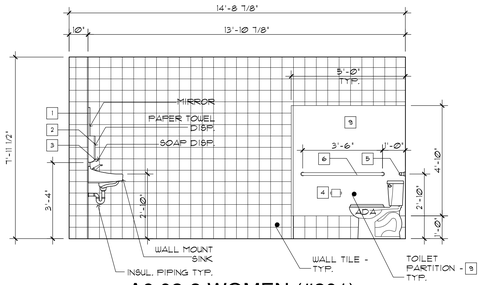


NOTE:
FLUSH CONTROLS FOR ADA TOILET SHALL BE TO OPEN SIDE OF ADA TOILET

A6.02-1 WOMEN (#201)
3/8"=1'-Ø"



A6.02-2 WOMEN (#201)
3/8"=1'-Ø"



A6.02-3 WOMEN (#201)
3/8"=1'-Ø"

NOTE:
FLUSH CONTROLS FOR ADA TOILET SHALL BE TO OPEN SIDE OF ADA TOILET

A6.02-4 MEN (#204)
3/8"=1'-Ø"

A6.02-5 MEN (#204)
3/8"=1'-Ø"



A6.02-6 MEN (#204)
3/8"=1'-Ø"

BATHROOM ACCESSORY SCHEDULE

MARK	ITEM	MANUFACTURER	MODEL NUMBER	MOUNTING HT.
1	MIRROR	BOBRICK	B290 1836	6'-1" AFF
2	PAPER TOUEL DISP.	BOBRICK	B262	275" AFF
3	SOAP DISPENSER	BOBRICK	B-2111	26" AFF
4	TOILET TISSUE HOLDER	BOBRICK	B-386	T.O UNIT @ 48" AFF
5	36" H.C. GRAB BAR	BOBRICK	B-68106 X 36	2'-10" AFF
6	42" H.C. GRAB BAR	BOBRICK	B-68106 X 42	2'-10" AFF
7	KOALA CHANGING STATION	KOALA	KB-200	MNT @ 4225" AFF
8	S. MTD TRASH RECEPTICLE	BOBRICK	B- 275	35" AFF
9	PARTITIONS	BRADLEY	SERIES 400	FLOOR MTD W/ OVERHEAD BRACKETING TO WALL

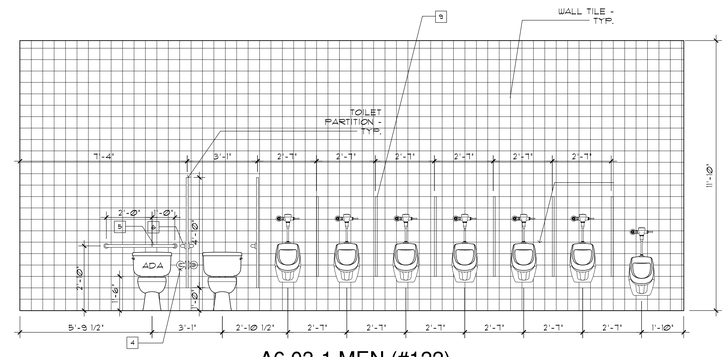
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
TOILET ROOM AND SHOWERS
INTERIOR ELEVATIONS-
CONCOURSE LEVEL

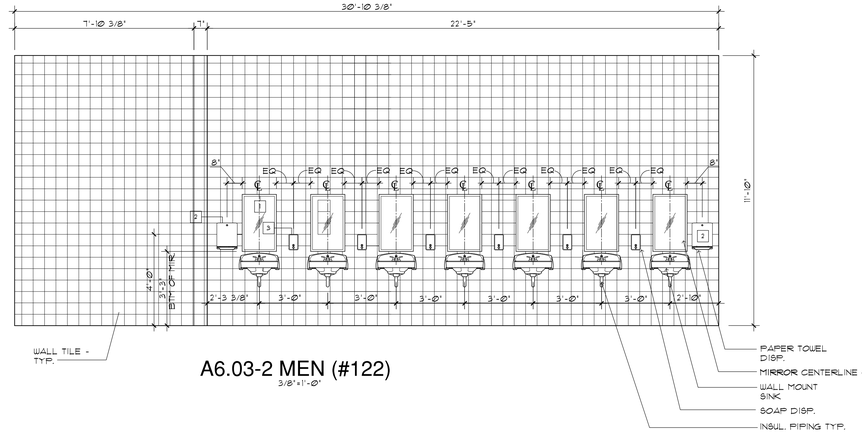
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A6.02

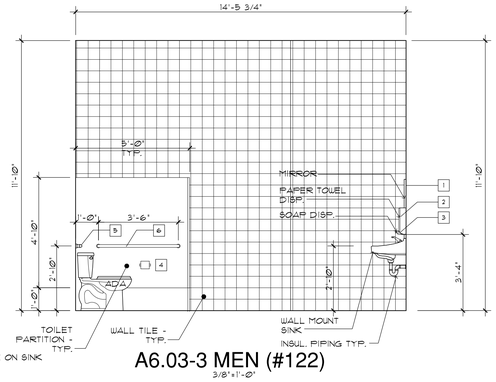


A6.03-1 MEN (#122)
3/8"=1'-Ø"

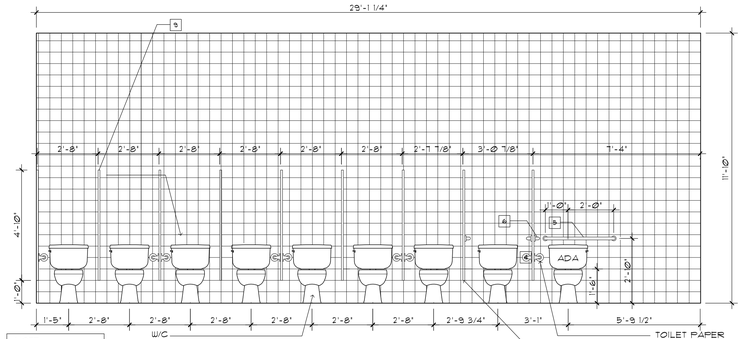
NOTE:
FLUSH CONTROLS FOR ADA TOILET SHALL BE TO OPEN SIDE OF ADA TOILET



A6.03-2 MEN (#122)
3/8"=1'-Ø"

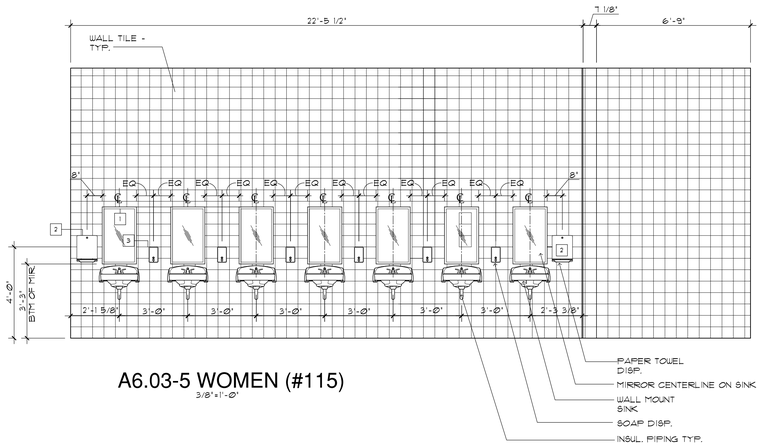


A6.03-3 MEN (#122)
3/8"=1'-Ø"

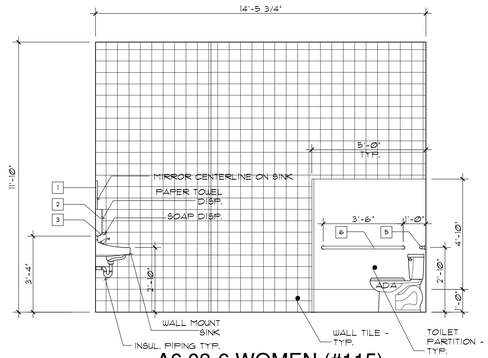


NOTE:
FLUSH CONTROLS FOR ADA TOILET SHALL BE TO OPEN SIDE OF ADA TOILET

A6.03-4 WOMEN (#115)
3/8"=1'-Ø"



A6.03-5 WOMEN (#115)
3/8"=1'-Ø"



A6.03-6 WOMEN (#115)
3/8"=1'-Ø"

BATHROOM ACCESSORY SCHEDULE

MARK	ITEM	MANUFACTURER	MODEL NUMBER	MOUNTING HT.
1	MIRROR	BOBRICK	B2900 1836	6'-1" AFF
2	PAPER TOWEL DISP.	BOBRICK	B262	27.5" AFF
3	SOAP DISPENSER	BOBRICK	B-2111	26" AFF
4	TOILET TISSUE HOLDER	BOBRICK	B-386	T.O UNIT @ 48" AFF
5	36" H.C. GRAB BAR	BOBRICK	B-6806 X 36	2'-1Ø" AFF
6	42" H.C. GRAB BAR	BOBRICK	B-6806 X 42	2'-1Ø" AFF
7	KOALA CHANGING STATION	KOALA	KB-2ØØ	MNT @ 42.25" AFF
8	S. MTD TRASH RECEPTICLE	BOBRICK	B- 275	35" AFF
9	PARTITIONS	BRADLEY	SERIES 4ØØ	FLOOR MTD W/ OVERHEAD BRACKETING TO WALL

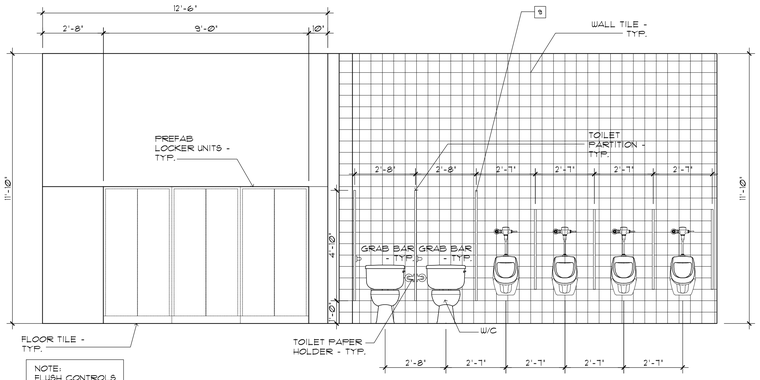
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U.S. VIRGIN ISLANDS 00822
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
TOILET ROOMS
INTERIOR ELEVATIONS - FIELD LEVEL

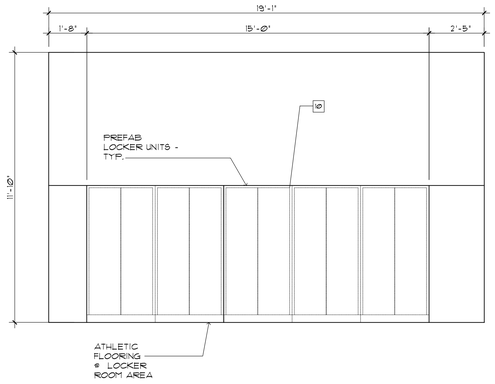
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A6.03

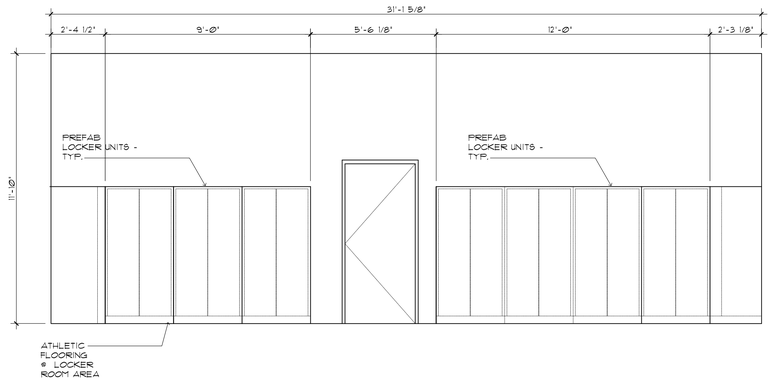


NOTE:
FLUSH CONTROLS FOR ADA TOILET SHALL BE TO OPEN SIDE OF ADA TOILET

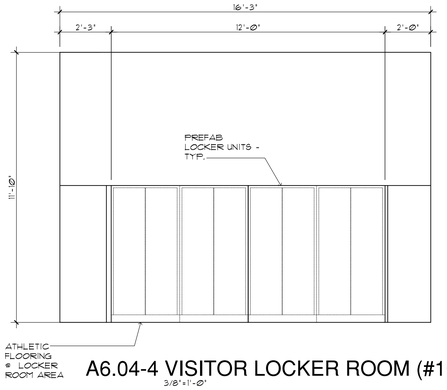
A6.04-1 VISITOR LOCKER ROOM (#112)
3/8"=1'-0"



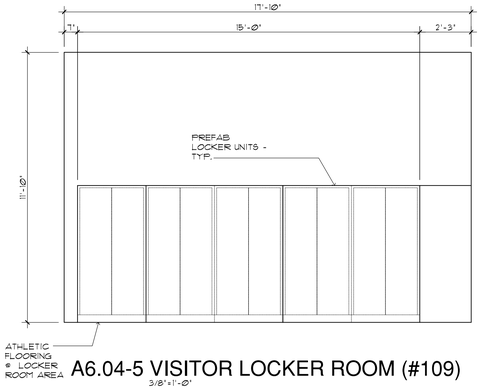
A6.04-2 VISITOR LOCKER ROOM (#109)
3/8"=1'-0"



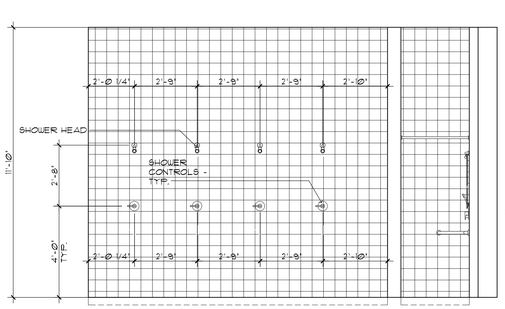
A6.04-3 VISITOR LOCKER ROOM (#109)
3/8"=1'-0"
9



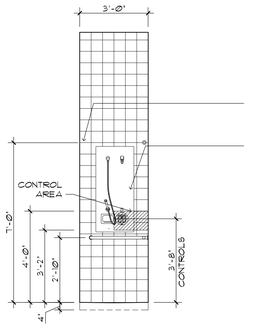
A6.04-4 VISITOR LOCKER ROOM (#109)
3/8"=1'-0"



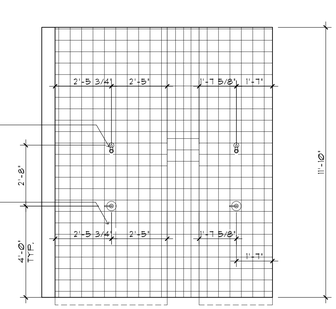
A6.04-5 VISITOR LOCKER ROOM (#109)
3/8"=1'-0"



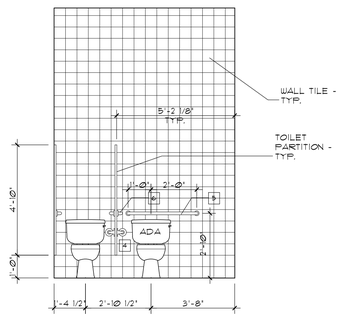
A6.04-6 VISITOR SHOWER (#110)
3/8"=1'-0"



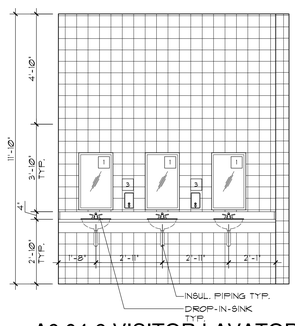
A6.04-6A SHOWER CONTROLS (#110)
3/8"=1'-0"



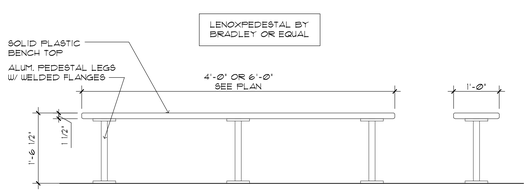
A6.04-7 VISITOR SHOWER (#110)
3/8"=1'-0"



A6.04-8 VISITOR ADA RESTROOM (#112)
3/8"=1'-0"



A6.04-9 VISITOR LAVATORIES (#112)
3/8"=1'-0"



A6.02-10 LOCKER ROOM BENCH
3/4"=1'-0"

BATHROOM ACCESSORY SCHEDULE

MARK	ITEM	MANUFACTURER	MODEL NUMBER	MOUNTING HT.
1	MIRROR	BOBRICK	B2290 1836	6'-1" AFF
2	PAPER TOWEL DISP.	BOBRICK	B262	27.5" AFF
3	SOAP DISPENSER	BOBRICK	B-2111	26" AFF
4	TOILET TISSUE HOLDER	BOBRICK	B-386	T.O UNIT @ 48" AFF
5	36" H.C. GRAB BAR	BOBRICK	B-6806 X 36	2'-10" AFF
6	42" H.C. GRAB BAR	BOBRICK	B-6806 X 42	2'-10" AFF
7	KOALA CHANGING STATION	KOALA	KB-2000	MNT @ 4225" AFF
8	8 MTD TRASH RECEPTICLE	BOBRICK	B- 275	35" AFF
9	PARTITIONS	BRADLEY	SERIES 4000	FLOOR MTD W/ OVERHEAD BRACKETING TO WALL

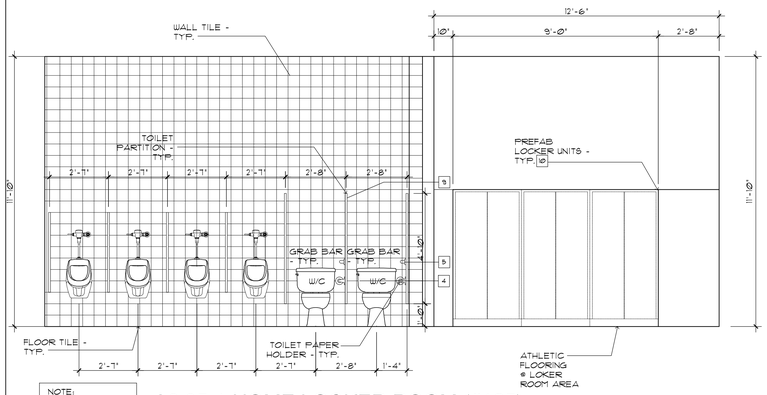
Steven E. Hutchins AIA Architects
109-113 ESTATE CASTLE COAKLEY
CHRISTIANSTED, ST. CROIX
U.S. VIRGIN ISLANDS 00822
TEL 340-778-8898 FAX 340-778-7754

PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
VISITORS LOCKER, TOILETS AND SHOWERS
INTERIOR ELEVATIONS - FIELD LEVEL

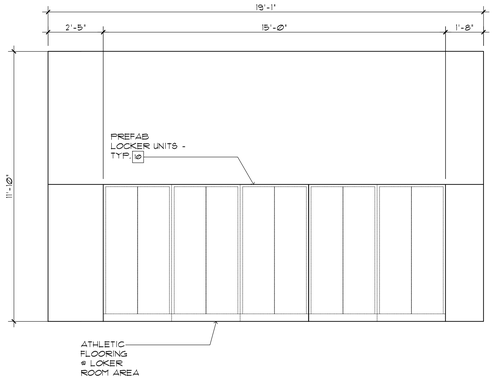
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A6.04

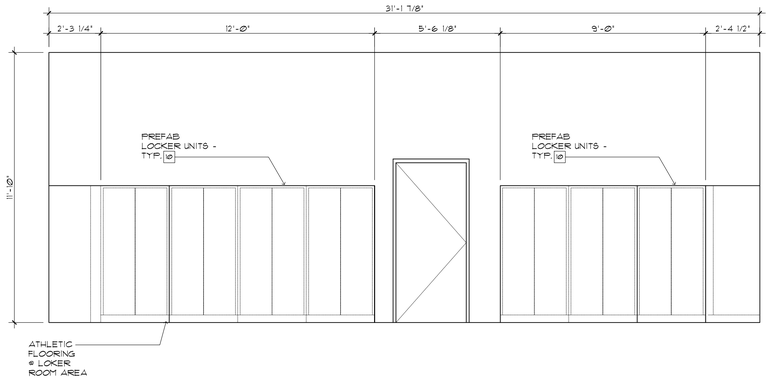


NOTE:
FLUSH CONTROLS FOR ADA TOILET SHALL BE TO OPEN SIDE OF ADA TOILET

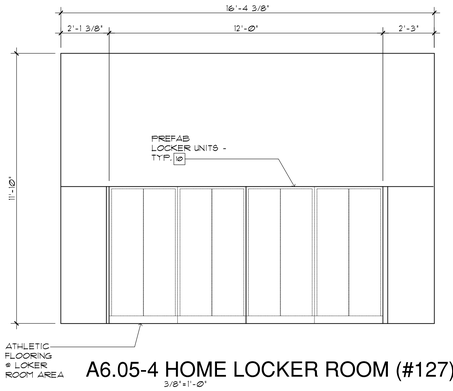
A6.05-1 HOME LOCKER ROOM (#125)
3/8"=1'-0"



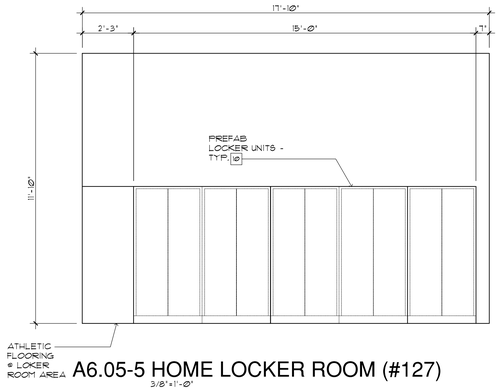
A6.05-2 HOME LOCKER ROOM (#127)
3/8"=1'-0"



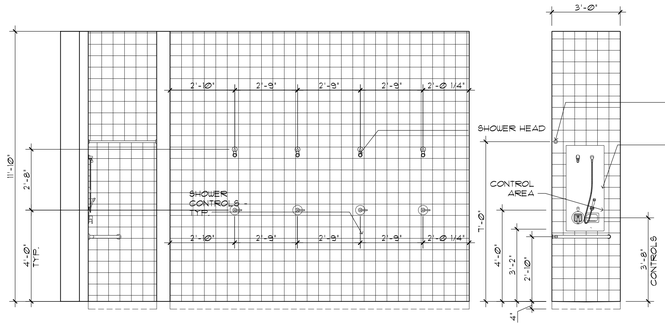
A6.05-3 HOME LOCKER ROOM (#127)
3/8"=1'-0"



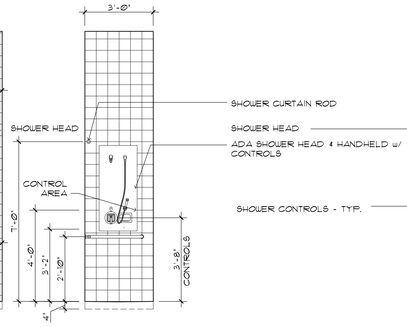
A6.05-4 HOME LOCKER ROOM (#127)
3/8"=1'-0"



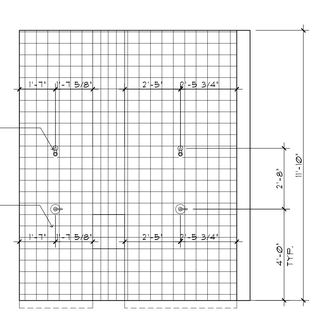
A6.05-5 HOME LOCKER ROOM (#127)
3/8"=1'-0"



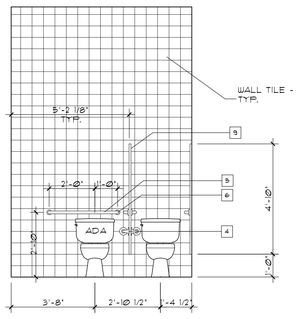
A6.05-6 HOME SHOWER (#126)
3/8"=1'-0"



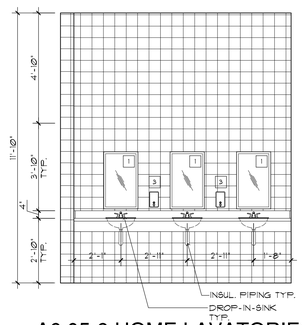
A6.05-6A SHOWER CONTROLS (#126)
3/8"=1'-0"



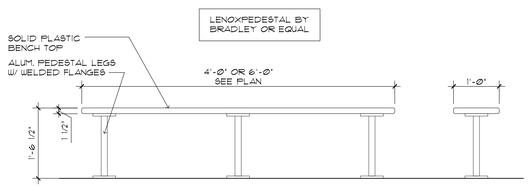
A6.05-7 HOME SHOWER (#126)
3/8"=1'-0"



A6.05-8 HOME ADA RESTROOM (#125)
3/8"=1'-0"



A6.05-9 HOME LAVATORIES (#125)
3/8"=1'-0"



A6.04-10 LOCKER ROOM BENCH
3/4"=1'-0"

BATHROOM ACCESSORY SCHEDULE

MARK	ITEM	MANUFACTURER	MODEL NUMBER	MOUNTING HT.
1	MIRROR	BOBRICK	B2900 1836	6'-1" AFF
2	PAPER TOWEL DISP.	BOBRICK	B262	27.5" AFF
3	SOAP DISPENSER	BOBRICK	B-2111	26" AFF
4	TOILET TISSUE HOLDER	BOBRICK	B-386	T.O UNIT @ 48" AFF
5	36" H.C. GRAB BAR	BOBRICK	B-6806 X 36	2'-10" AFF
6	42" H.C. GRAB BAR	BOBRICK	B-6806 X 42	2'-10" AFF
7	KOALA CHANGING STATION	KOALA	KB-200	MNT @ 4225" AFF
8	8. MTD TRASH RECEPTICLE	BOBRICK	B- 275	35" AFF
9	PARTITIONS	BRADLEY	SERIES 400	FLOOR MTD W OVERHEAD BRACKETING TO WALL

Steven E. Hutchins AIA Architects
109-113 ESTATE CASTLE COAKLEY
CHRISTIANSTED, ST. CROIX
U.S. VIRGIN ISLANDS 00822
TEL 340-778-8898 FAX 340-778-7754

PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
HOME LOCKERS, TOILET AND SHOWERS
INTERIOR ELEVATIONS - FIELD LEVEL

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A6.05

FIELD LEVEL DOOR SCHEDULE

MARK	TYPE	SIZE	HEAD	JAMB	SILL	HDWR	REMARKS	FIRE RATING
1	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6	-	FLUSH, HOLLOW METAL DOOR	
2	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6	-	FLUSH, HOLLOW METAL DOOR	
3	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6	-	FLUSH, HOLLOW METAL DOOR	
4	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6	-	FLUSH, HOLLOW METAL DOOR	
5	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6	-	FLUSH, HOLLOW METAL DOOR	
6	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6	-	FLUSH, HOLLOW METAL DOOR	
7	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6	-	FLUSH, HOLLOW METAL DOOR	
8	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6	-	FLUSH, HOLLOW METAL DOOR	
9	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6	-	FLUSH, HOLLOW METAL DOOR	
10	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6	-	FLUSH, HOLLOW METAL DOOR	
11	3	6'-4"x5'-0"	A6.21-7	A6.21-3			RULL-UP COILING DOOR - FACE OF WALL	
12	3	19'-0"x5'-0"	A6.21-7	A6.21-3			RULL-UP COILING DOOR - FACE OF WALL	
13	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6	-	FLUSH, HOLLOW METAL DOOR	
14	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6	-	FLUSH, HOLLOW METAL DOOR	
15	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6		FLUSH, HOLLOW METAL DOOR	
16	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6		FLUSH, HOLLOW METAL DOOR	
17	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6		FLUSH, HOLLOW METAL DOOR	
18	1	3'-0"x7'-0"	A6.21-1	A6.21-1	A6.21-6		FLUSH, HOLLOW METAL DOOR	
19	1	3'-0"x3'-0"	NO HEAD	A6.21-1	A6.21-6		FLUSH, HOLLOW METAL DOOR	
20	1	3'-0"x3'-0"	NO HEAD	A6.21-1	A6.21-6		FLUSH, HOLLOW METAL DOOR	
21	1	3'-0"x3'-0"	NO HEAD	A6.21-1	A6.21-6		FLUSH, HOLLOW METAL DOOR	
22	1	3'-0"x3'-0"	NO HEAD	A6.21-1	A6.21-6		FLUSH, HOLLOW METAL DOOR	

WINDOW SCHEDULE

MARK	WINDOW SIZE	HEAD HT (AFF.) M.O.	HEAD	JAMB	SILL	REMARKS	SHUTTERS
A	2'-0" x 4'-4"	7'-0"	A6.21-8	A6.21-9		ALUMINUM FIXED TRANSACTION WINDOW	-

FIELD LEVEL FINISH SCHEDULE

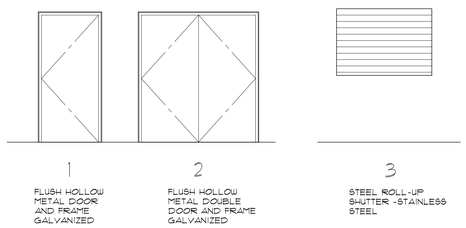
MARK	ROOM	WALL 1	WALL2	WALL3	WALL4	CLG	FLOOR	REMARKS	WALL TYPE
101	UNINHABITED SAPCE	A4.03-1	A4.03-1	A4.03-2	A4.03-2	CONC	SC		
102	HALLWAY	A4.03-1	A4.03-1	A4.03-1	A4.03-1	CONC	SC		
103	STAIR TOWER 1	A4.03-1	A4.03-1	A4.03-1	A4.03-1	HARDI	SC		
104	STAIR TOWER 2	A4.03-1	A4.03-1	A4.03-1	A4.03-1	HARDI	SC		
105	STAIR 3	NONE	NONE	NONE	NONE	OPEN	SC	MANUF. STAIRS	
106	STAIR 4	NONE	NONE	NONE	NONE	OPEN	SC	MANUF. STAIRS	
107	VISITORS DOUGOUT	A4.03-1	A4.03-1	A4.03-1	A4.03-1	CONC	ST		
108	CAMERA 1	A4.03-1	A4.03-1	A4.03-1	A4.03-1	CONC	SC		
109	VISITORS LOCKER ROOM	A4.03-1	A4.03-1	A4.03-1	A4.03-4	CONC	AF		
110	VISITORS SHOWER	A4.03-3	A4.03-12	A4.03-3	A4.03-1	CONC	CT		
111	H.C. SHOWER	A4.03-3	A4.03-6	A4.03-3		CONC	CT		
112	VISITORS H.C. TOILETS	A4.03-3	A4.03-3	A4.03-1		CONC	CT		
113	ELEVATOR EQUIPMENT	A4.03-1	A4.03-1	A4.03-1	A4.03-1	CONC	SC		
114	ELEVATOR	A4.03-1	A4.03-1	A4.03-1	A4.03-1	CONC	SC		
115	WOMEN	A4.03-1	A4.03-4	A4.03-4	A4.03-6	CONC	CT		
116	FIRST AID AREA	A4.03-3	A4.03-1	A4.03-1	A4.03-8	ACT	SC		
117	CONSESSIONS	A4.03-3	A4.03-1	A4.03-1	A4.03-8	ACT	SC		
118	CONCOURSE WALKWAY	A4.03-8	A4.03-8			CONC	SC		
119	MERCH./ SOUV.	A4.03-3	A4.03-5	A4.03-5	A4.03-5	ACT	SC		
120	CONSESSIONS	A4.03-3	A4.03-1	A4.03-1	A4.03-8	ACT	SC		
121	VIP SEATING AREA	A4.03-1			A4.03-1	NONE	SC		
122	MEN	A4.03-1	A4.03-4	A4.03-4	A4.03-6	CONC	CT		
123	SECURITY OFFICE	A4.03-1	A4.03-1	A4.03-1	A4.03-5	ACT	SC		
124	TICKET OFFICE	A4.03-1	A4.03-1	A4.03-1	A4.03-5	ACT	SC		
125	HOME TOILET	A4.03-4				CONC	CT		
126	HOME SHOWERS	A4.03-3	A4.03-12	A4.03-3	A4.03-1	CONC	CT		
127	HOME LOCKERS	A4.03-1	A4.03-1	A4.03-1	A4.03-4	CONC	AF		
128	H.C. SHOWER	A4.03-3	A4.03-6	A4.03-3		CONC	CT		
129	HALLWAY	A4.03-1	A4.03-2	A4.03-2	A4.03-2	CONC	SC		
130	UNINHABITED SPACE	A4.03-1	A4.03-2	A4.03-2	A4.03-2	CONC	SC		
131	HOME DOUGOUT	A4.03-1	A4.03-1	A4.03-1	A4.03-1	CONC	ST		
132	CAMERA 2	A4.03-1	A4.03-1	A4.03-1	A4.03-1	CONC	SC		
133	ELECTRICAL ROOM	A4.03-1	A4.03-1	A4.03-1	A4.03-1	CONC	SC		
134	HALLWAY	A4.03-1	A4.03-1	A4.03-1	A4.03-1	CONC	SC		
135	HALLWAY	A4.03-1	A4.03-1	A4.03-1	A4.03-1	CONC	SC		

CONCOURSE LEVEL FINISH SCHEDULE

MARK	ROOM	WALL 1	WALL2	WALL3	WALL4	CLG	FLOOR	REMARKS	WALL TYPE
200	CONCOURSE LEFT FIELD SIDE	A4.03-1				NONE	AL TRD	SHADE STRUCTURE ABOVE	
201	WOMENS RESTROOMS	A4.03-13	A4.03-13	A4.03-9	A4.03-8	DWG	CT		
202	ELEVATOR	A4.03-1	A4.03-1	A4.03-1	A4.03-1	CONC			
203	OPEN CONCOURSE					NONE	SC		
204	MENS RESTROOMS	A4.03-13	A4.03-13	A4.03-13	A4.03-8	DWG	CT		
205	CONCOURSE RIGHTS FIELD SIDE	A4.03-1				NONE	AL TRD	SHADE STRUCTURE ABOVE	

GATE SCHEDULE

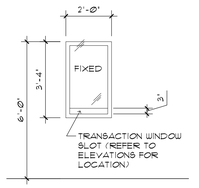
MARK	TYPE	SIZE	HEAD	JAMB	SILL	HDWR	REMARKS	NOTES
G1	C.L.	PAIR 3'-6"x3'-0"	REFER TO DTL. A5.04-15				VINYL COATED CHAIN LINK	
G2	C.L.	12'-0"x3'-0" ROLL GATE					VINYL COATED CHAIN LINK	
G3	C.L.	12'-0" x8'-0" ROLL GATE					VINYL COATED CHAIN LINK	
G4	ALUM	4'-0"x7'-0" ALUM GATE	REFER TO DTL. A5.04-12				P.C. ALUM GATE	
G5	ALUM	5'-0"x6'-0"' ALUM GATE	REFER TO DTL. A5.04-1				P.C. ALUM ARCH TOP GATE	
G6	ALUM	PR 5'-11"x8'-0" ALUM	REFER TO DTL. A5.04-1				P.C. ALUM PAIR ARCH TOP GATE	
G7	ALUM	4'-6"x6'-8" ALUM GATE	REFER TO DTL. A5.04-7				P.C. ALUM GATE	
G8	C.L.	8'-0" x8'-0" DBL DRIVE	REFER TO DTL. A5.04-13				VINYL COATED CHAIN LINK	
G9	ALUM	4'-0"x7'-0" ALUM GATE	REFER TO DTL. A5.04-7				P.C. ALUM GATE	
G10	C.L.	PR 3'-6"x8'-0"D.D. GATE	REFER TO DTL. A5.04-14				VINYL COATED CHAIN LINK	



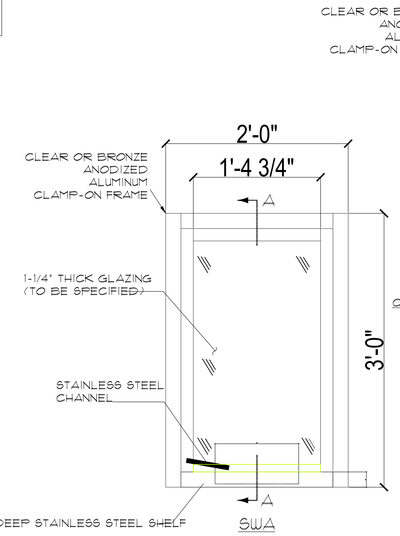
DOOR TYPES

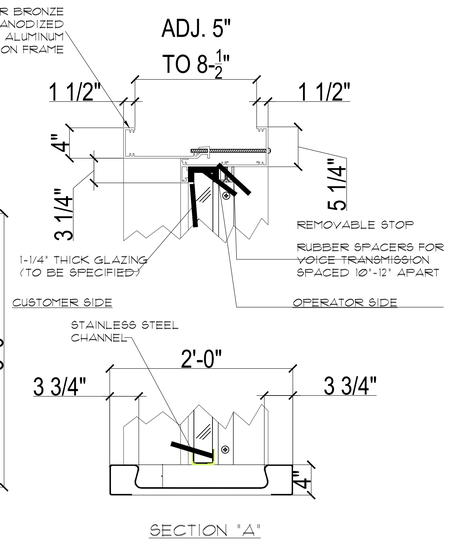
NOTE:
PROVIDE G60 GALVANIZED HOLLOW METAL FOR EXTERIOR DOORS.

WINDOW TYPES

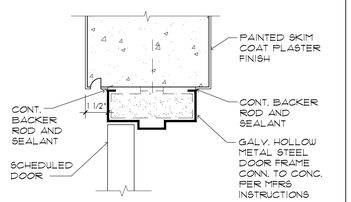


A ALUMINUM FIXED WINDOW W/ ¼" POLY CARBONATE

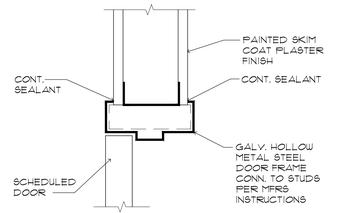




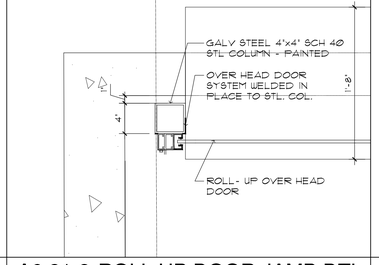
A6.21-11 TICKET WINDOW DETAIL
3" = 1'-0"



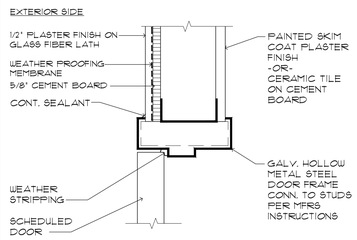
A6.21-1 DOOR HD/JB SIM DETAIL
3" = 1'-0"



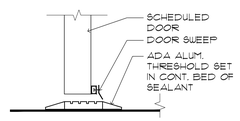
A6.21-2 DOOR HD/JB SIM DETAIL
3" = 1'-0"



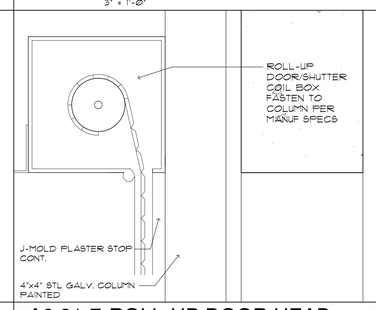
A6.21-3 ROLL UP DOOR JAMB DTL
3" = 1'-0"



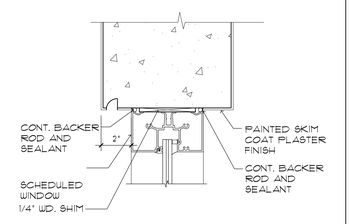
A6.21-5 DOOR HD/JB SIM DETAIL
3" = 1'-0"



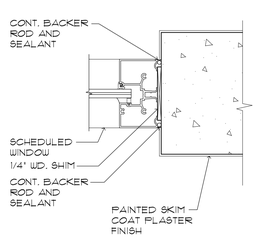
A6.21-6 DOOR SILL DETAIL
3" = 1'-0"



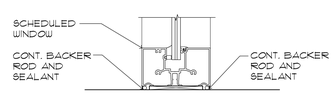
A6.21-7 ROLL-UP DOOR HEAD
3" = 1'-0"
ROLL-UP SHUTTER SIMILAR



A6.21-8 WINDOW HEAD DETAIL
3" = 1'-0"



A6.21-9 WINDOW JAMB DETAIL
3" = 1'-0"



A6.21-10 WINDOW JAMB DETAIL
3" = 1'-0"



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PROJECT:
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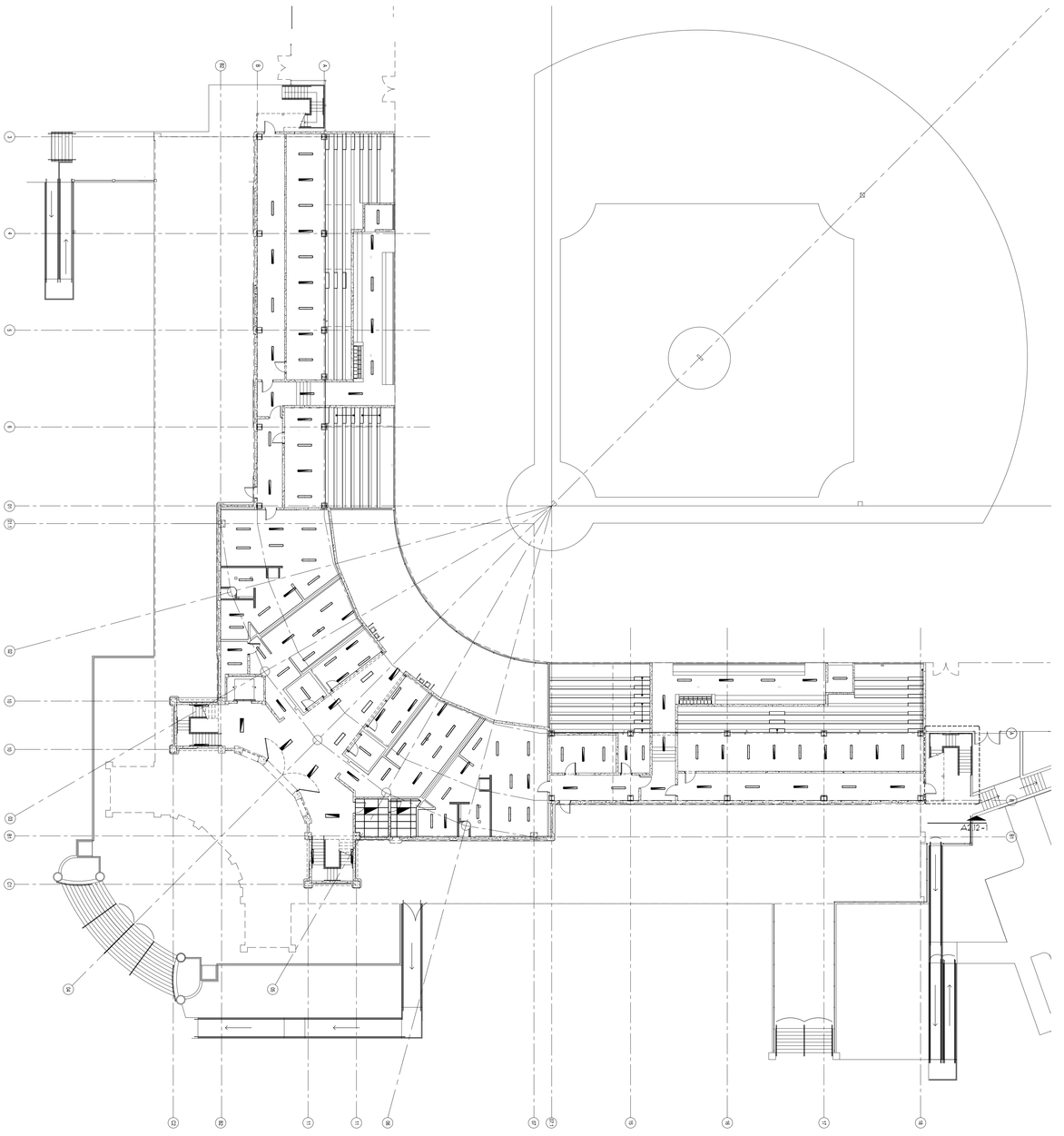
DRAWING INFORMATION:
DOOR AND WINDOW TYPES,
FINISH SCHEDULES AND DETAILS

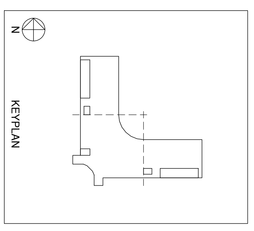
DATE: 05-08-2020
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SHEET NUMBER:
A6.21

A7.10 FIELD LEVEL REFLECTED CEILING PLAN

1/16"=1'-0"





ELECTRICAL FIXTURE LEGEND

BE	[NEW] FIXTURE TYPE 'BE' EMERGENCY STRIP LIGHT
B	[NEW] FIXTURE TYPE 'B' STRIP LIGHT
C	[NEW] FIXTURE TYPE 'C' STRIP LIGHT
CE	[NEW] FIXTURE TYPE 'CE' EMERGENCY STRIP LIGHT
AE	[NEW] FIXTURE TYPE 'AE' EMERGENCY 2'X4' TROFFER
A	[NEW] FIXTURE TYPE 'A' 2'X4' TROFFER
EM	[NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
	[NEW] FIXTURE TYPE STROBE ALARM
	[NEW] FIXTURE TYPE SMOKE DETECTOR
SC1	[NEW] FIXTURE TYPE 'SC1' SCONCE TYP. 12FT AFF
ET	[NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
W2	[NEW] FIXTURE TYPE 'W2' WALL PACK

DRAWING INFORMATION:

FIELD LEVEL OVERALL REFLECTED CEILING PLAN

PROJECT:

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U.S.A.
U.S. VIRGIN ISLANDS

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER: A7.10

ELECTRICAL FIXURE LEGEND

BE — [NEW] FIXTURE TYPE 'BE' EMERGENCY STRIP LIGHT

B — [NEW] FIXTURE TYPE 'B' STRIP LIGHT

C — [NEW] FIXTURE TYPE 'C' STRIP LIGHT

CE — [NEW] FIXTURE TYPE 'CE' EMERGENCY STRIP LIGHT

AE — [NEW] FIXTURE TYPE 'AE' EMERGENCY 2'X4' TROFFER

A — [NEW] FIXTURE TYPE 'A' 2'X4' TROFFER

EM — [NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT

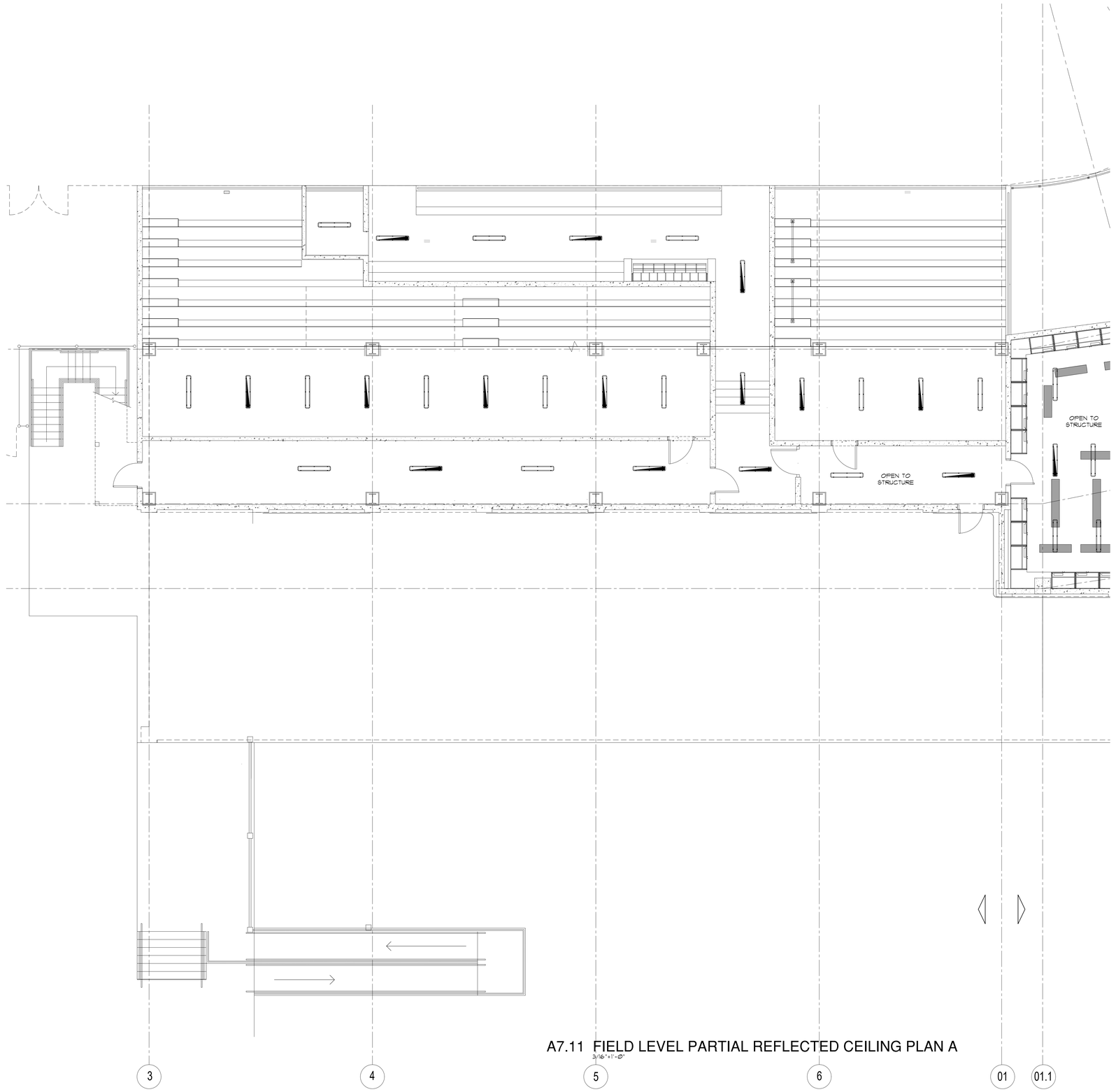
[NEW] FIXTURE TYPE STROBE ALARM

[NEW] FIXTURE TYPE SMOKE DETECTOR

SC1 — [NEW] FIXTURE TYPE 'SC1' SCONCE TYP. 12FT AFF

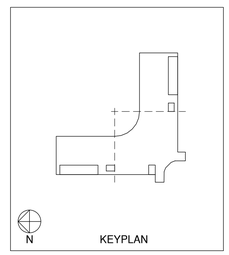
E1 — [NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT

W2 — [NEW] FIXTURE TYPE 'W2' WALL PACK



A7.11 FIELD LEVEL PARTIAL REFLECTED CEILING PLAN A

3/16"=1'-0"



REGISTERED ARCHITECT
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AND SPORT COMPLEX

DRAWING INFORMATION:
FIELD LEVEL PARTIAL REFLECTED
CEILING PLAN 'A'

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A7.11

ELECTRICAL FIXURE LEGEND

BE	[NEW] FIXTURE TYPE 'BE' EMERGENCY STRIP LIGHT
B	[NEW] FIXTURE TYPE 'B' STRIP LIGHT
C	[NEW] FIXTURE TYPE 'C' STRIP LIGHT
CE	[NEW] FIXTURE TYPE 'CE' EMERGENCY STRIP LIGHT
AE	[NEW] FIXTURE TYPE 'AE' EMERGENCY 2'X4' TROFFER
A	[NEW] FIXTURE TYPE 'A' 2'X4' TROFFER
EM	[NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
	[NEW] FIXTURE TYPE STROBE ALARM
	[NEW] FIXTURE TYPE SMOKE DETECTOR
SC1	[NEW] FIXTURE TYPE 'SC1' SCONCE TYP. 12FT AFF
E1	[NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
W2	[NEW] FIXTURE TYPE 'W2' WALL PACK

HOME LOCKERS
OPEN TO STRUCTURE
HOME SHOWERS
HOME TOILETS
MENS
OPEN TO STRUCTURE
TICKETS
LAY-IN 9'-0" AFF
SECURITY
LAY-IN 9'-0" AFF
VIP SEATING
CONCESSIONS
SOUVENIRS
CONCESSIONS
WOMENS
OPEN TO STRUCTURE
FIRST AID
OPEN TO STRUCTURE
VISITOR LOCKERS
VISITOR TOILET
VISITOR SHOWER
ELEVATOR CONTROL
OPEN
OPEN
OPEN

[NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
[NEW] FIXTURE TYPE 'C' STRIP LIGHT
[NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
[NEW] FIXTURE TYPE 'BE' EMERGENCY STRIP LIGHT
[NEW] FIXTURE TYPE 'B' STRIP LIGHT
[NEW] FIXTURE TYPE 'A' 2'X4' TROFFER
[NEW] FIXTURE TYPE 'AE' EMERGENCY 2'X4' TROFFER
[NEW] FIXTURE TYPE 'SC1' SCONCE TYP. 12FT AFF
[NEW] FIXTURE TYPE 'E1' EXIT SIGN
[NEW] FIXTURE TYPE 'CE' EMERGENCY STRIP LIGHT
[NEW] FIXTURE TYPE 'SL1' POLE MOUNTED AREA LIGHT
[NEW] FIXTURE TYPE 'H1'

05
04

A7.12 FIELD LEVEL PARTIAL REFLECTED CEILING PLAN B
3/16"=1'-0"

KEYPLAN N

REGISTERED ARCHITECT STEVEN E. HUTCHINS A-455 U.S. VIRGIN ISLANDS

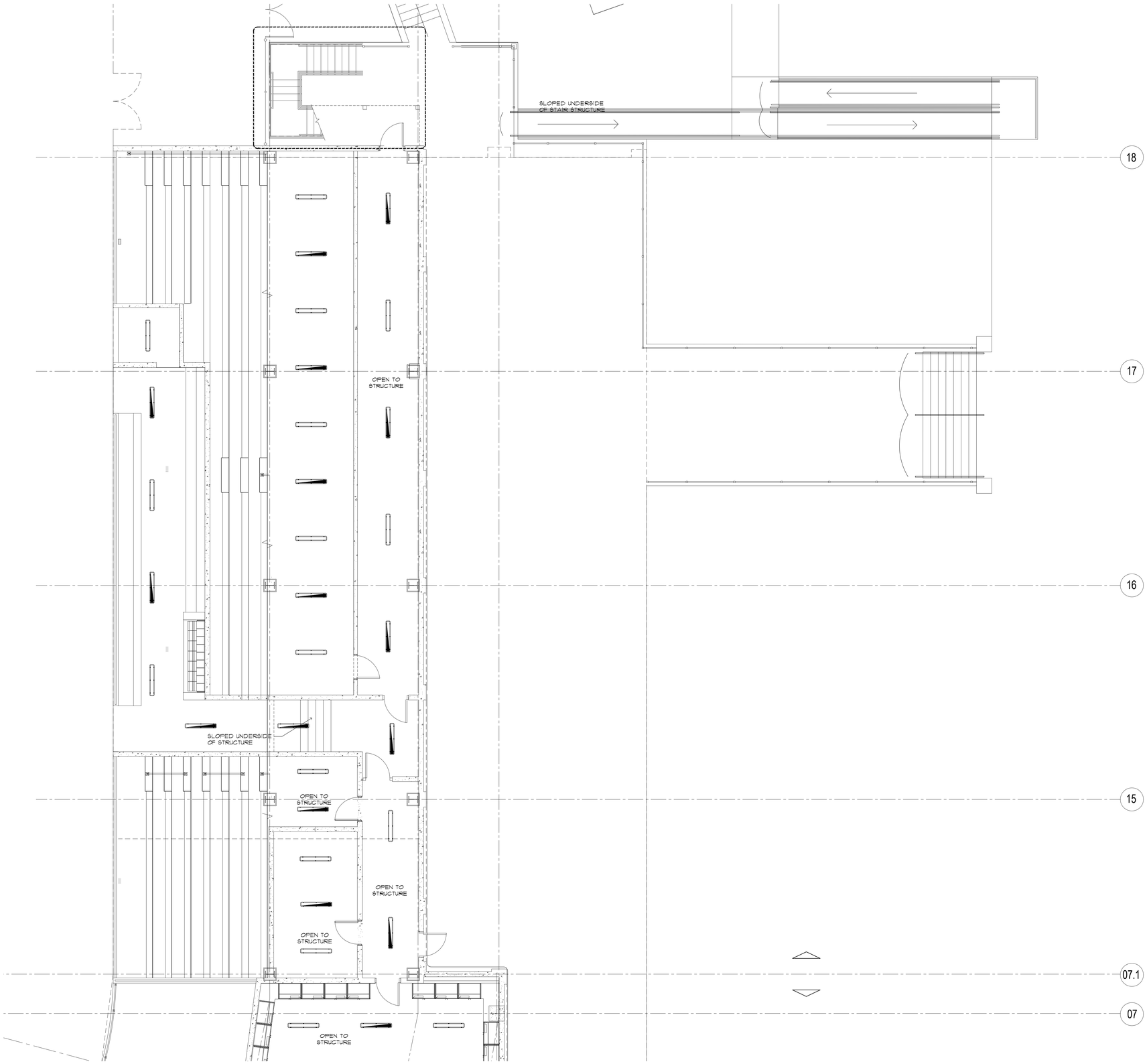
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DRAWING INFORMATION:
FIELD LEVEL PARTIAL REFLECTED CEILING PLAN 'B'

DATE: 05-08-2020
DRAWN BY: STAFF

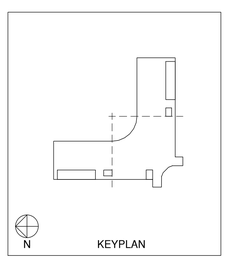
SHEET NUMBER:
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ELECTRICAL FIXURE LEGEND

- BE — [NEW] FIXTURE TYPE 'BE' EMERGENCY STRIP LIGHT
- B — [NEW] FIXTURE TYPE 'B' STRIP LIGHT
- C — [NEW] FIXTURE TYPE 'C' STRIP LIGHT
- CE — [NEW] FIXTURE TYPE 'CE' EMERGENCY STRIP LIGHT
- AE — [NEW] FIXTURE TYPE 'AE' EMERGENCY 2'X4' TROFFER
- A — [NEW] FIXTURE TYPE 'A' 2'X4' TROFFER
- EM — [NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
- [NEW] FIXTURE TYPE STROBE ALARM
- [NEW] FIXTURE TYPE SMOKE DETECTOR
- M SC1 — [NEW] FIXTURE TYPE 'SC1' SCONCE TYP. 12FT AFF
- E1 — [NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
- W2 — [NEW] FIXTURE TYPE 'W2' WALL PACK

A7.23 FIELD LEVEL PARTIAL REFLECTED CEILING PLAN C
3/16" =1'-0"



REGISTERED ARCHITECT
STEVEN E. HUTCHINS
A-0145
U.S. VIRGIN ISLANDS

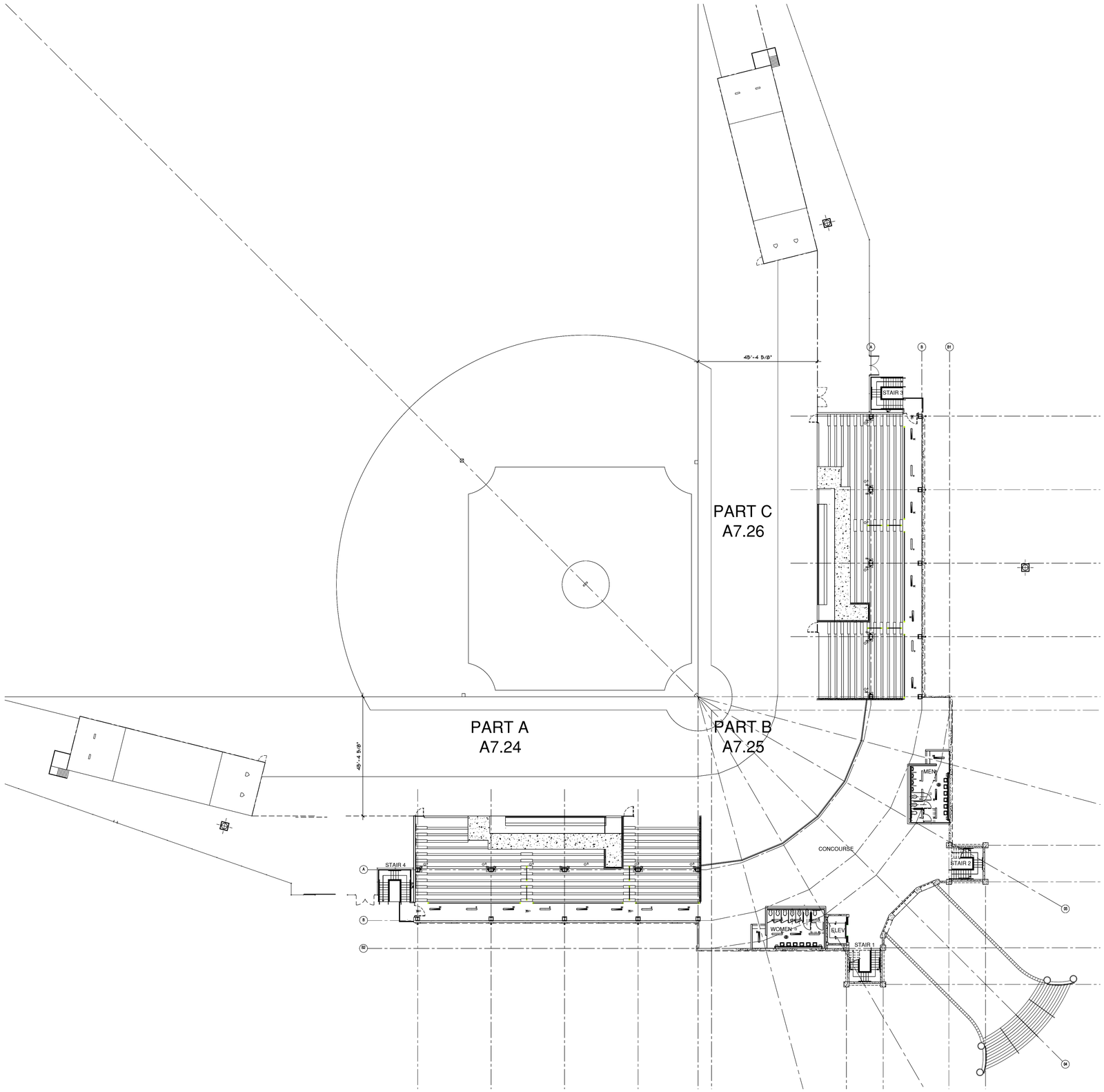
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DRAWING INFORMATION:
FIELD LEVEL PARTIAL REFLECTED
CEILING PLAN 'C'

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A7.13

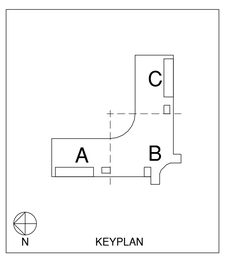


A7.20 CONCOURSE LEVEL REFLECTED CEILING PLAN
1/16" = 1'-0"

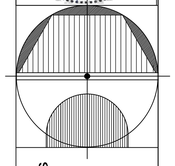
ELECTRICAL FIXURE LEGEND

BE	[NEW] FIXTURE TYPE 'BE' EMERGENCY STRIP LIGHT
B	[NEW] FIXTURE TYPE 'B' STRIP LIGHT
C	[NEW] FIXTURE TYPE 'C' STRIP LIGHT
CE	[NEW] FIXTURE TYPE 'CE' EMERGENCY STRIP LIGHT
AE	[NEW] FIXTURE TYPE 'AE' EMERGENCY 2'X4' TROFFER
A	[NEW] FIXTURE TYPE 'A' 2'X4' TROFFER
EM	[NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
	[NEW] FIXTURE TYPE STROBE ALARM
	[NEW] FIXTURE TYPE STROBE ALARM
SC1	[NEW] FIXTURE TYPE 'SC1' SCONCE TYP. 12FT AFF
E1	[NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
W2	[NEW] FIXTURE TYPE 'W2' WALL PACK
Q	[NEW] FIXTURE TYPE 'Q' STRIP LIGHT

0 4 8 16 32 48
SCALE: 1/16" = 1'-0"



REGISTERED ARCHITECT
STEVEN E. HUTCHINS
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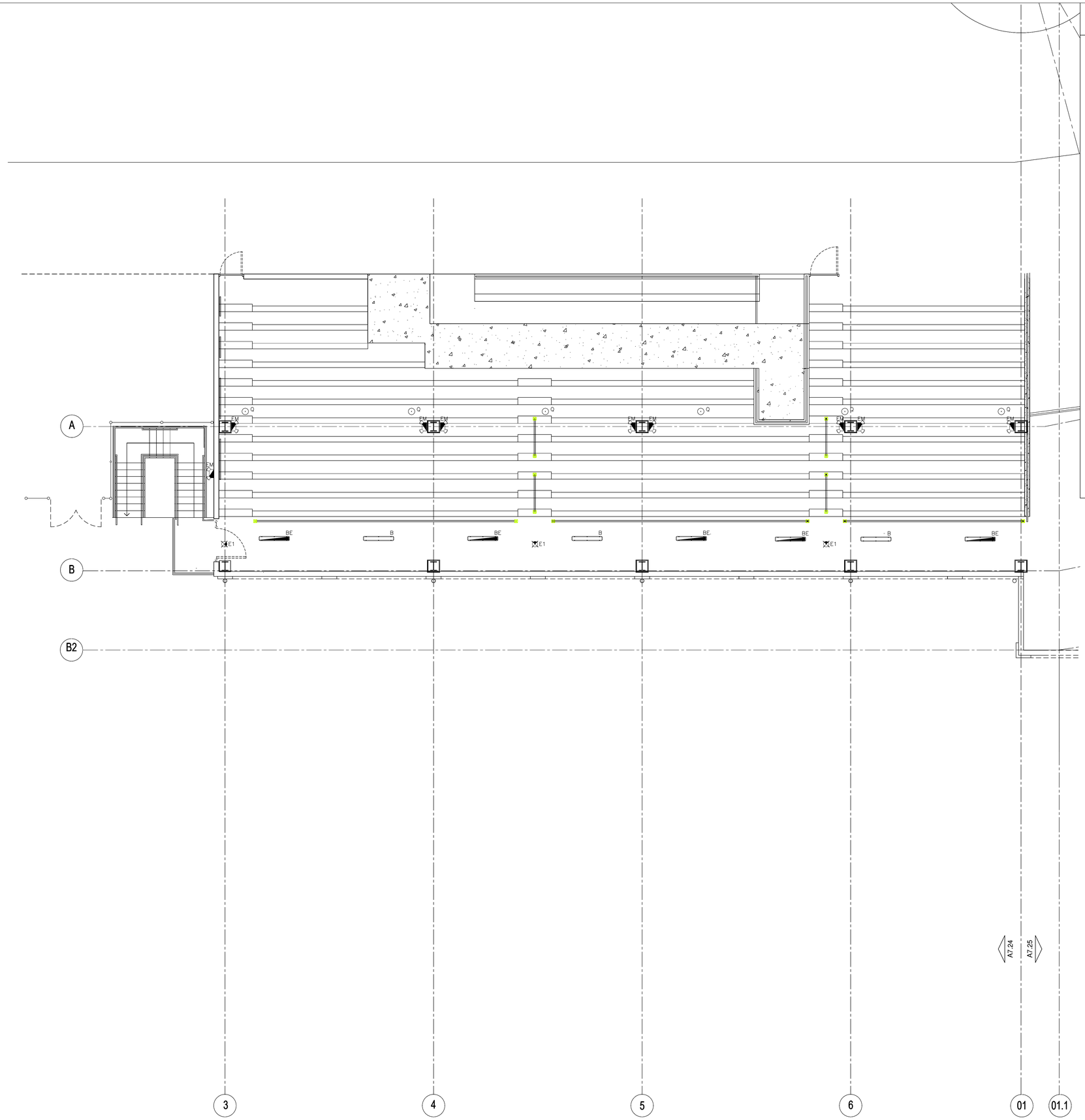
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DRAWING INFORMATION:
CONCOURSE LEVEL OVERALL
REFLECTED CEILING PLAN

DATE: 05-08-2020
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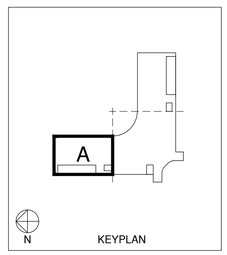
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ELECTRICAL FIXURE LEGEND

- BE — [NEW] FIXTURE TYPE 'BE' EMERGENCY STRIP LIGHT
- B — [NEW] FIXTURE TYPE 'B' STRIP LIGHT
- C — [NEW] FIXTURE TYPE 'C' STRIP LIGHT
- CE — [NEW] FIXTURE TYPE 'CE' EMERGENCY STRIP LIGHT
- AE — [NEW] FIXTURE TYPE 'AE' EMERGENCY 2'X4' TROFFER
- A — [NEW] FIXTURE TYPE 'A' 2'X4' TROFFER
- EM — [NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
- [NEW] FIXTURE TYPE STROBE ALARM
- [NEW] FIXTURE TYPE STROBE ALARM
- SC1 — [NEW] FIXTURE TYPE 'SC1' SCONCE TYP. 12FT AFF
- E1 — [NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
- W2 — [NEW] FIXTURE TYPE 'W2' WALL PACK
- Q — [NEW] FIXTURE TYPE 'Q' STRIP LIGHT

0 2 4 8 16
SCALE: 3/16" = 1'-0"



A7.21 CONCOURSE LEVEL PARTIAL REFLECTED CEILING PLAN A
3/16"=1'-0"

REGISTERED ARCHITECT
STEVEN E. HUTCHINS
A-0454
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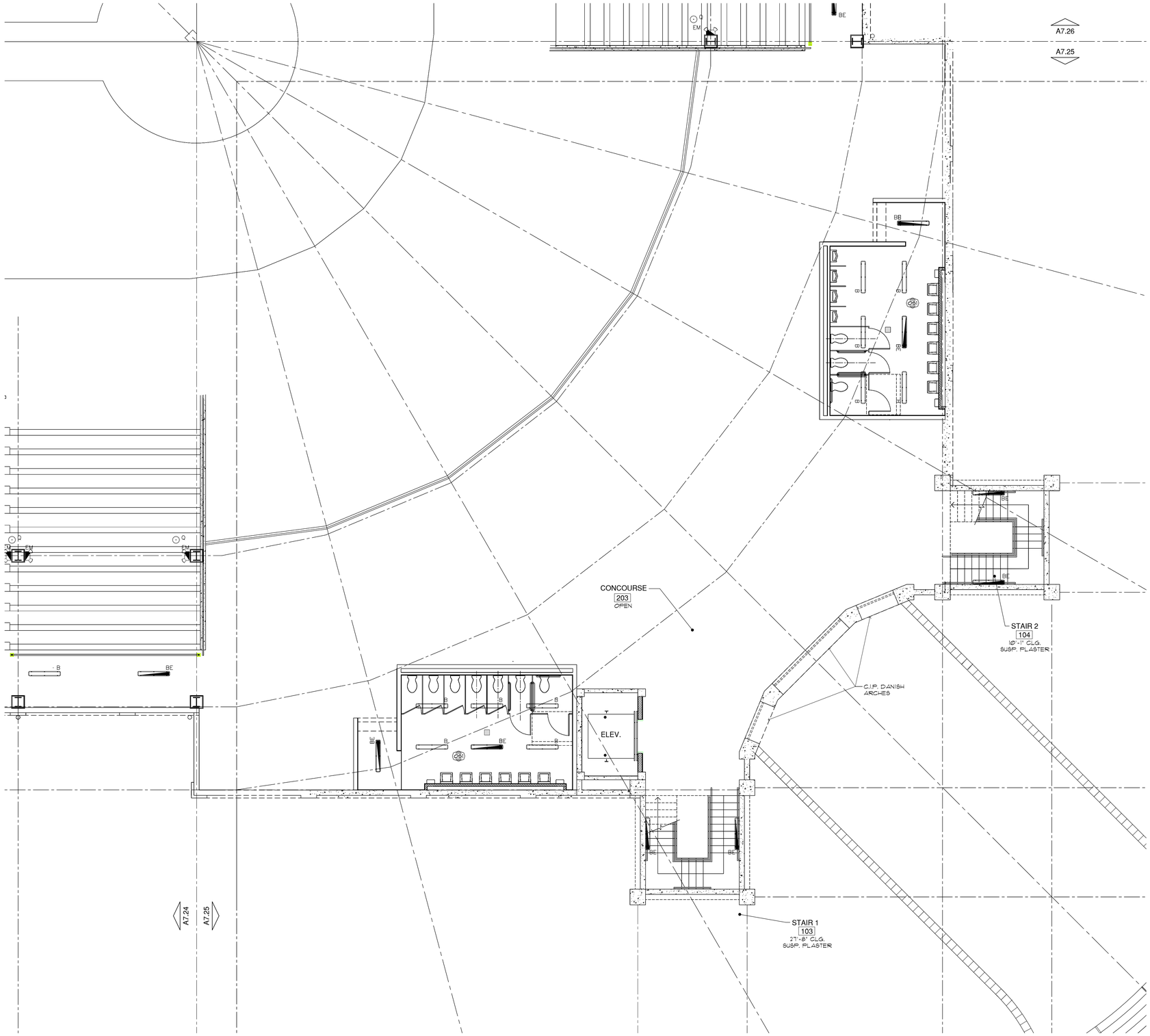
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PROJECT:
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DRAWING INFORMATION:
CONCOURSE LEVEL PARTIAL
REFLECTED CEILING PLAN 'A'

DATE: 05-08-2020
DRAWN BY: STAFF

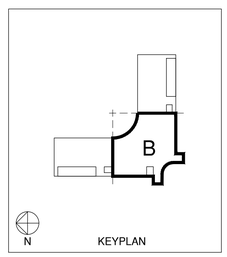
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ELECTRICAL FIXURE LEGEND

- BE — [NEW] FIXTURE TYPE 'BE' EMERGENCY STRIP LIGHT
- B — [NEW] FIXTURE TYPE 'B' STRIP LIGHT
- C — [NEW] FIXTURE TYPE 'C' STRIP LIGHT
- CE — [NEW] FIXTURE TYPE 'CE' EMERGENCY STRIP LIGHT
- AE — [NEW] FIXTURE TYPE 'AE' EMERGENCY 2'X4' TROFFER
- A — [NEW] FIXTURE TYPE 'A' 2'X4' TROFFER
- EM — [NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
- [NEW] FIXTURE TYPE STROBE ALARM
- [NEW] FIXTURE TYPE STROBE ALARM
- SC1 — [NEW] FIXTURE TYPE 'SC1' SCONCE TYP. 12FT AFF
- E1 — [NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
- W2 — [NEW] FIXTURE TYPE 'W2' WALL PACK
- Q — [NEW] FIXTURE TYPE 'Q' STRIP LIGHT

0 2 4 8 16
SCALE: 3/16" = 1'-0"



A7.22 CONCOURSE LEVEL PARTIAL REFLECTED CEILING PLAN B
3/16"=1'-0"

REGISTERED ARCHITECT STEVEN E. HUTCHINS 454-A U.S. VIRGIN ISLANDS

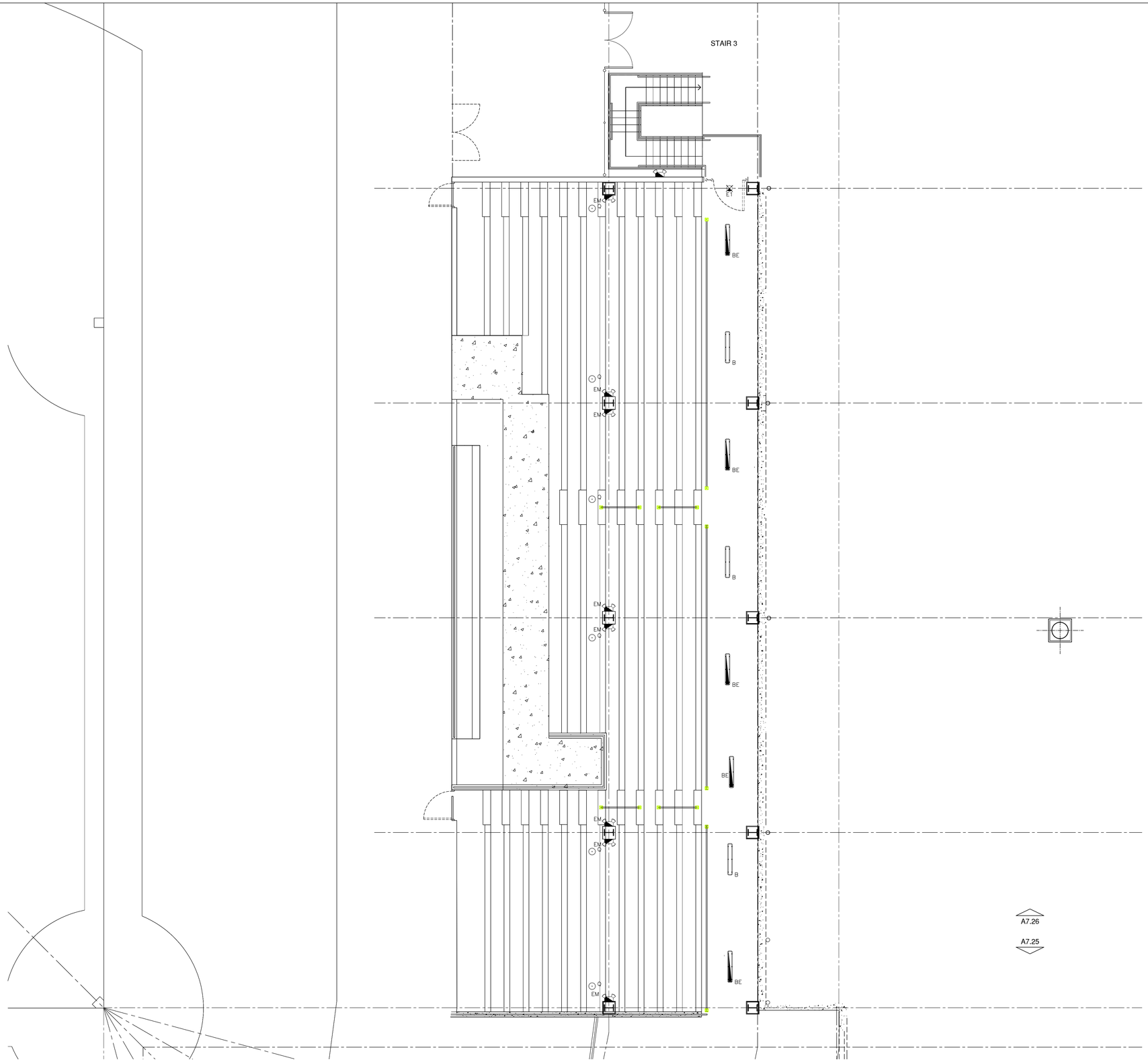
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DRAWING INFORMATION:
CONCOURSE LEVEL PARTIAL
REFLECTED CEILING PLAN 'B'

DATE: 05-08-2020
DRAWN BY: STAFF

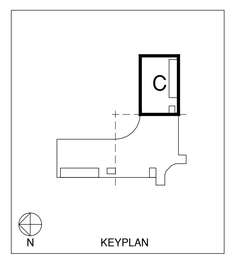
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ELECTRICAL FIXURE LEGEND

- BE — [NEW] FIXTURE TYPE 'BE' EMERGENCY STRIP LIGHT
- B — [NEW] FIXTURE TYPE 'B' STRIP LIGHT
- C — [NEW] FIXTURE TYPE 'C' STRIP LIGHT
- CE — [NEW] FIXTURE TYPE 'CE' EMERGENCY STRIP LIGHT
- AE — [NEW] FIXTURE TYPE 'AE' EMERGENCY 2'X4' TROFFER
- A — [NEW] FIXTURE TYPE 'A' 2'X4' TROFFER
- EM — [NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
- [NEW] FIXTURE TYPE STROBE ALARM
- [NEW] FIXTURE TYPE STROBE ALARM
- SC1 — [NEW] FIXTURE TYPE 'SC1' SCONCE TYP. 12FT AFF
- E1 — [NEW] FIXTURE TYPE 'EM' EMERGENCY LIGHT
- W2 — [NEW] FIXTURE TYPE 'W2' WALL PACK
- Q — [NEW] FIXTURE TYPE 'Q' STRIP LIGHT

0 2 4 8 16
SCALE: 3/16" = 1'-0"



A7.23-1 CONCOURSE LEVEL PARTIAL REFLECTED CEILING PLAN C
3/16"=1'-0"

REGISTERED ARCHITECT
STEVEN E. HUTCHINS
A-0454-R
U.S. VIRGIN ISLANDS

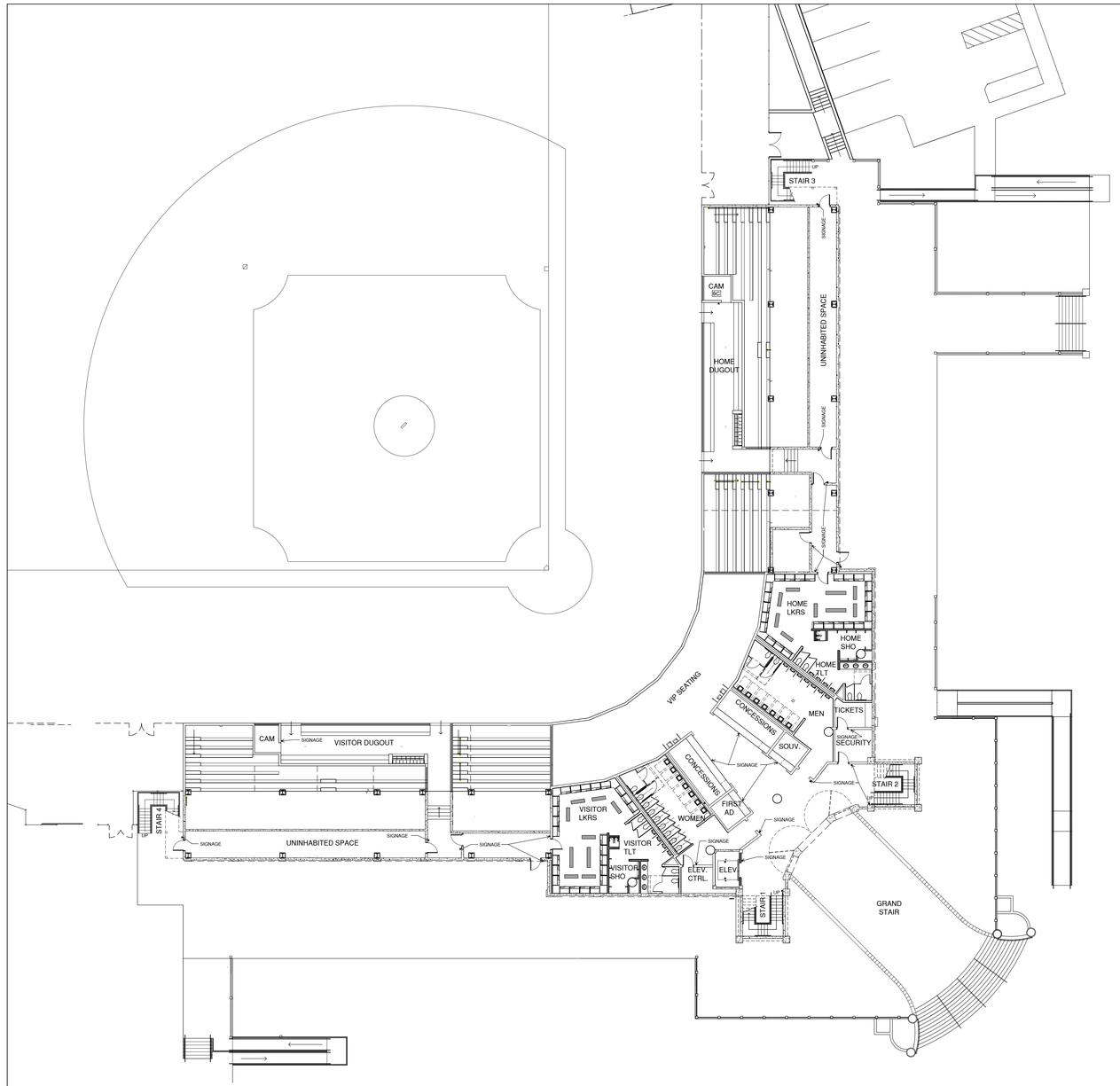
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DRAWING INFORMATION:
CONCOURSE LEVEL PARTIAL
REFLECTED CEILING PLAN 'C'

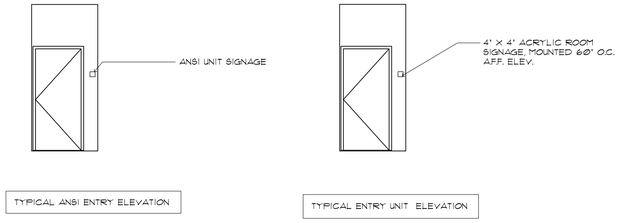
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A7.23



A9.01 FIELD LEVEL FLOOR PLAN

1/16" = 1'-0"



A9.01-2 TYPICAL SIGNAGE MOUNTING DIAGRAMS

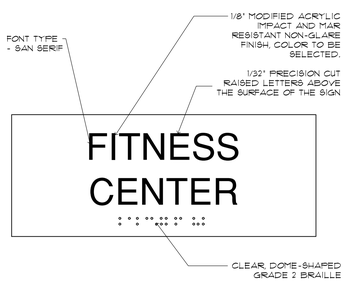
3/16" = 1'-0"

SIGNAGE SCHEDULE - LOWER LEVEL

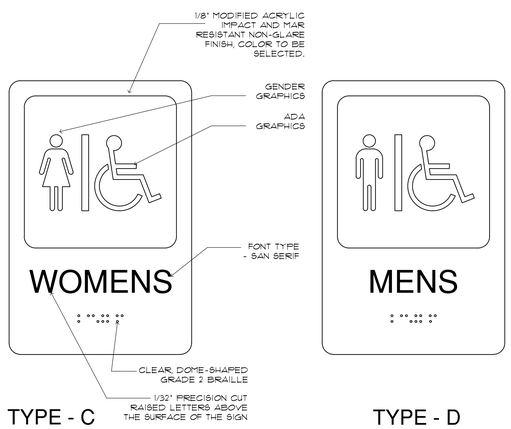
LOCATION	ROOM NAME	SIGNAGE TYPE	SIGNAGE TEXT	MOUNTING HEIGHT HEIGHT
LOWER LEVEL	UNINHABITED SPACE	TYPE B	UNINHABITED SPACE	60" A.F.F. T.O. LETTERS
LOWER LEVEL	HALLWAY	TYPE A	HALLWAY	60" A.F.F. T.O. LETTERS
LOWER LEVEL	CAMERA 1	TYPE A	CAMERA 1	60" A.F.F. T.O. LETTERS
LOWER LEVEL	VISITOR LOCKER RM.	TYPE B	VISITOR LOCKER RM.	60" A.F.F. T.O. LETTERS
LOWER LEVEL	WOMENS	TYPE C	WOMENS	60" A.F.F. T.O. LETTERS
LOWER LEVEL	FIRST AID	TYPE A	FIRST AID	60" A.F.F. T.O. LETTERS
LOWER LEVEL	CONCESSIONS	TYPE A	CONCESSIONS	60" A.F.F. T.O. LETTERS
LOWER LEVEL	CONSESSIONS	TYPE A	CONSESSIONS	60" A.F.F. T.O. LETTERS
LOWER LEVEL	MERCHANDISE /SOUVENEERS	TYPE B	MERCHANDISE	60" A.F.F. T.O. LETTERS
LOWER LEVEL	MENS	TYPE D	MENS	60" A.F.F. T.O. LETTERS
LOWER LEVEL	SECURITY	TYPE A	SECURITY	60" A.F.F. T.O. LETTERS
LOWER LEVEL	TICKET OFFICE	TYPE B	TICKET OFFICE	60" A.F.F. T.O. LETTERS
LOWER LEVEL	HOME LOCKER RM.	TYPE B	HOME LOCKER RM.	60" A.F.F. T.O. LETTERS
LOWER LEVEL	HALLWAY	TYPE A	HALLWAY	60" A.F.F. T.O. LETTERS
LOWER LEVEL	ELECTRICAL ROOM	TYPE B	ELECTRICAL ROOM	60" A.F.F. T.O. LETTERS
LOWER LEVEL	UNINHABITED SPACE	TYPE B	UNINHABITED SPACE	60" A.F.F. T.O. LETTERS
LOWER LEVEL	CAMERA 2	TYPE A	CAMERA 2	60" A.F.F. T.O. LETTERS
LOWER LEVEL	STAIRS	TYPE A	STAIRS	60" A.F.F. T.O. LETTERS



TYPE - A



TYPE - B

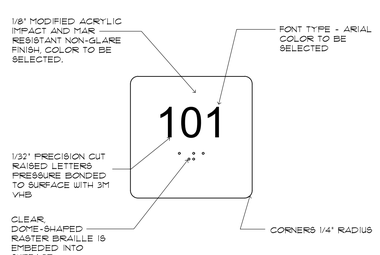


TYPE - C

TYPE - D

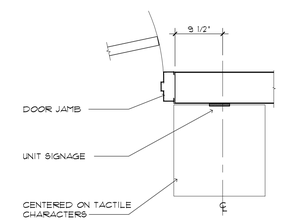
A9.10-3 SIGNAGE

N.T.S.



A9.01-4 UNIT SIGNAGE

6" = 1'-0"

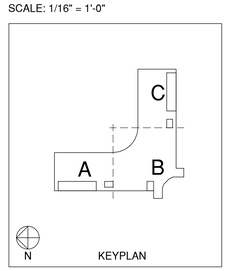


A9.01-5 ANSI UNIT SIGNAGE

1" = 1'-0" AT GROUND FLOOR

0 4 8 16 32 48

SCALE: 1/16" = 1'-0"



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PROJECT:

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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:

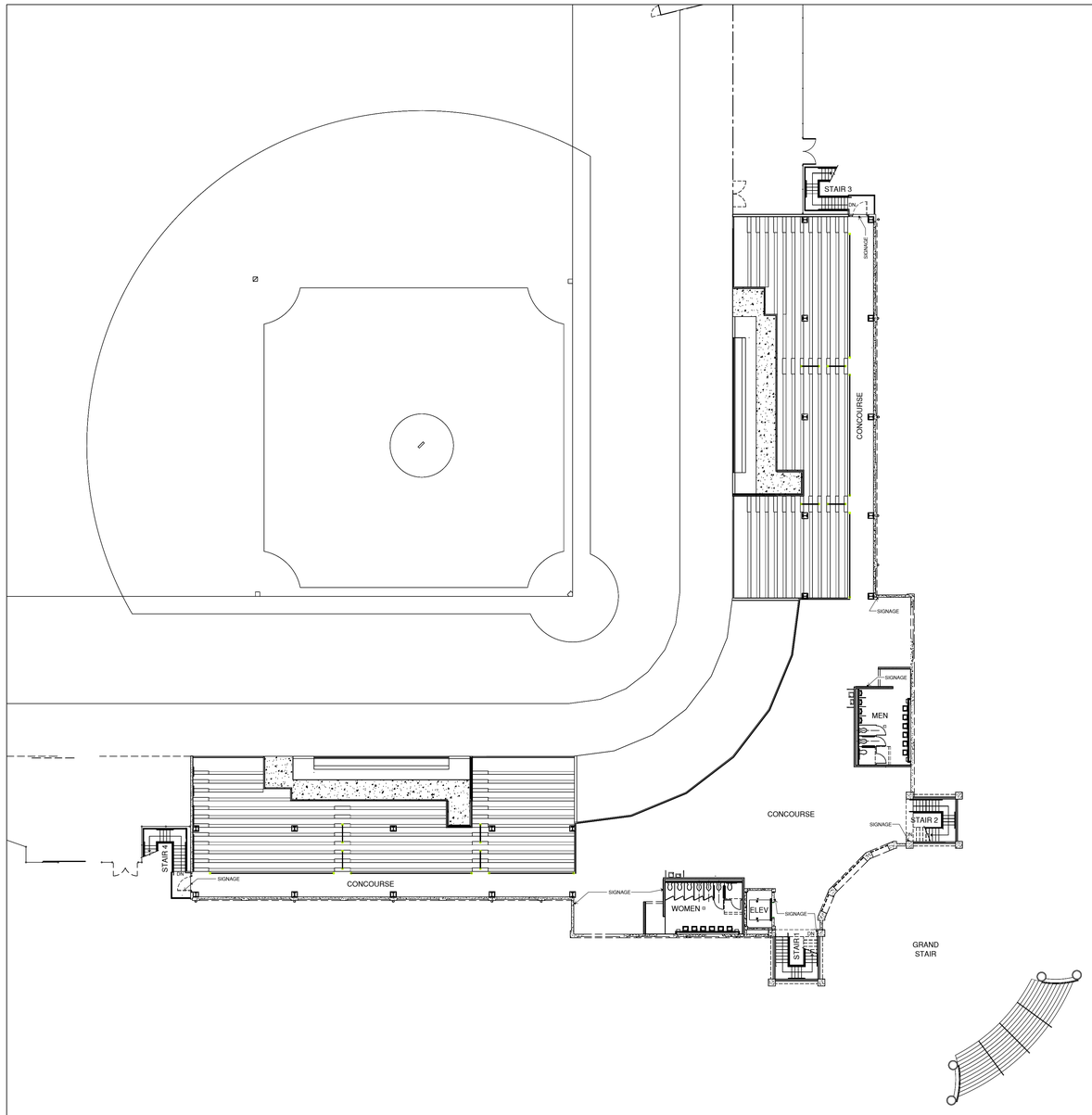
FIELD LEVEL SIGNAGE PLAN
AND DETAILS

DATE: 05-08-2020

DRAWN BY: STAFF

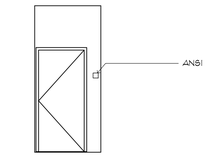
SHEET NUMBER:

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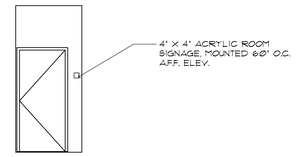


A9.02-1 CONCOURSE LEVEL FLOOR PLAN

1/16" = 1'-0"



TYPICAL ANSI ENTRY ELEVATION



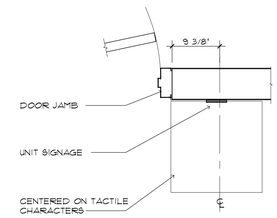
TYPICAL ENTRY UNIT ELEVATION

A9.02-2 TYPICAL SIGNAGE MOUNTING DIAGRAMS

3/16" = 1'-0"

SIGNAGE SCHEDULE- CONCOURSE LEVEL

LOCATION	ROOM NAME	SIGNAGE TYPE	SIGNAGE TEXT	MOUNTING HEIGHT HEIGHT
CONCOURSE LEVEL	LEFT CONCOURSE	TYPE B	CONCOURSE	60" A.F.F. T.O. LETTERS
CONCOURSE LEVEL	CONCOURSE	TYPE A	CONCOURSE	60" A.F.F. T.O. LETTERS
CONCOURSE LEVEL	WOMENS	TYPE C	WOMENS	60" A.F.F. T.O. LETTERS
CONCOURSE LEVEL	STAIR 1	TYPE B	STAIR 1	60" A.F.F. T.O. LETTERS
CONCOURSE LEVEL	STAIR 2	TYPE C	STAIR 2	60" A.F.F. T.O. LETTERS
CONCOURSE LEVEL	ELEVATOR	TYPE A	ELEVATOR	60" A.F.F. T.O. LETTERS
CONCOURSE LEVEL	RIGHT CONCOURSE	TYPE B	CONCOURSE	60" A.F.F. T.O. LETTERS
CONCOURSE LEVEL	MENS	TYPE D	MENS	60" A.F.F. T.O. LETTERS
CONCOURSE LEVEL	STAIR 3	TYPE A	STAIR 3	60" A.F.F. T.O. LETTERS
CONCOURSE LEVEL	STAIR 4	TYPE A	STAIR 4	60" A.F.F. T.O. LETTERS

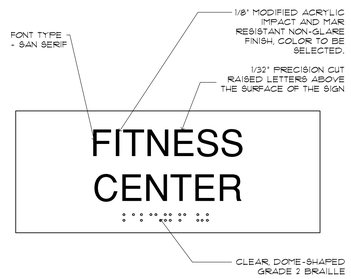


A9.02-4 ANSI UNIT SIGNAGE

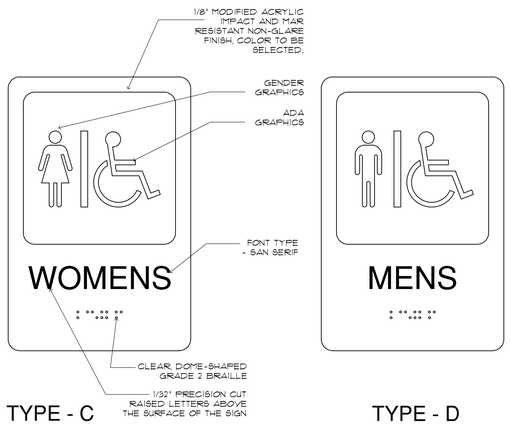
1" = 1'-0" AT GROUND FLOOR



TYPE - A



TYPE - B

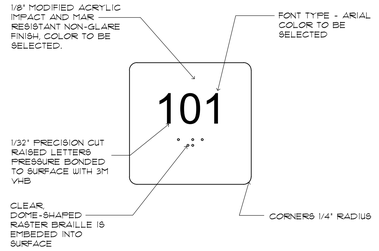


TYPE - C

TYPE - D

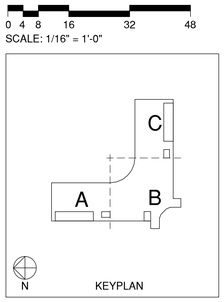
A9.02-3 SIGNAGE

N.T.S.



A9.02-5 UNIT SIGNAGE

6" = 1'-0"



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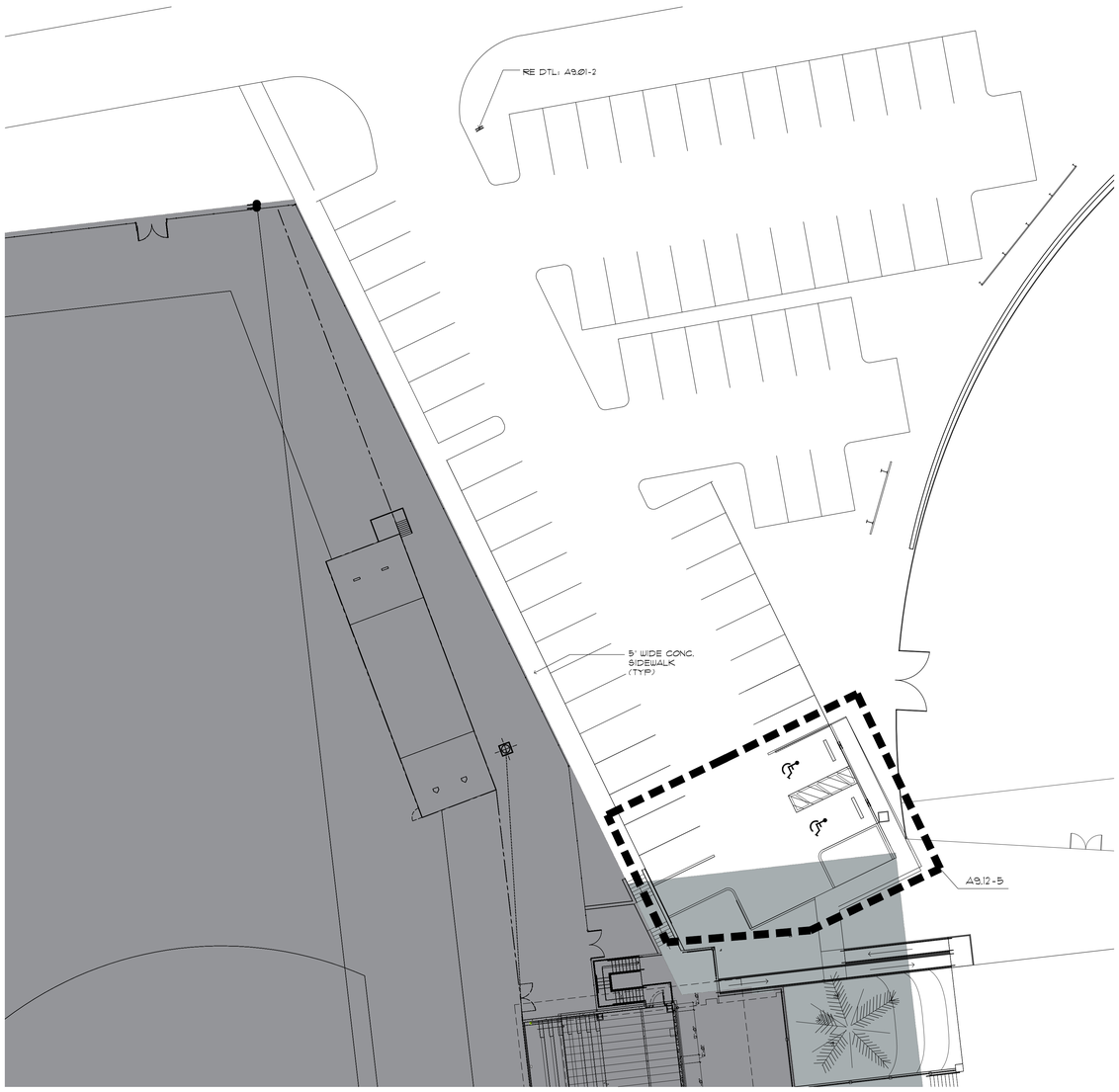
DRAWING INFORMATION:

CONCOURSE LEVEL SIGNAGE PLAN
AND DETAILS

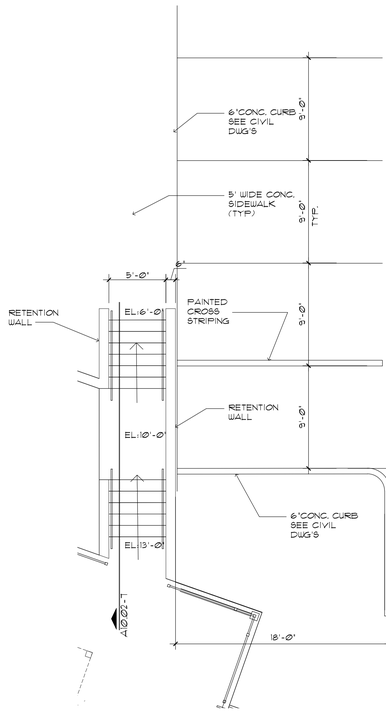
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:

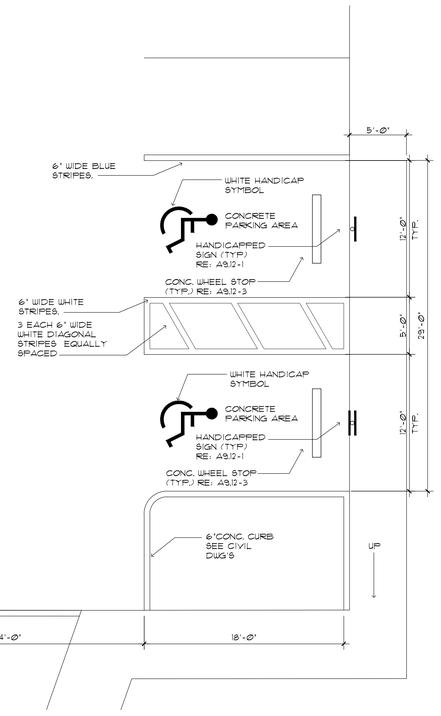
A9.02



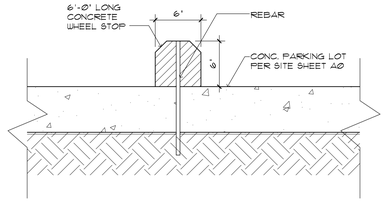
A9.12-4 PARKING LOT PLAN
1/16"=1'-0"



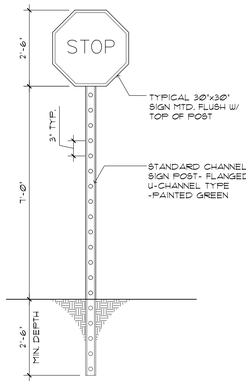
A9.12-5 HANDICAPPED / STANDARD PARKING DETAIL
3/16" = 1'-0"



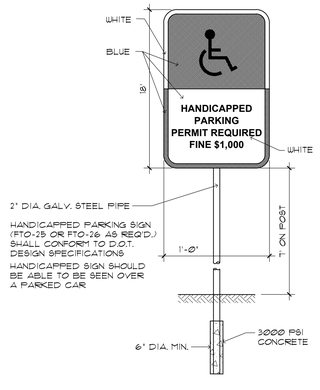
NOTE:
ADA PARKING SPACE STRIPES BLUE
ALL OTHERS PARKING STRIPES YELLOW



A9.12-3 WHEEL STOP
1 1/2"=1'-0"

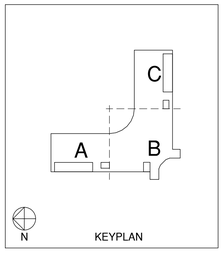


A9.12-2 STOP SIGN DETAIL
1/2"=1'-0"



A9.12-1 H.C. PARKING SIGN
1/4"=1'-0"

0 4 8 16 32 48
SCALE: 1/16" = 1'-0"



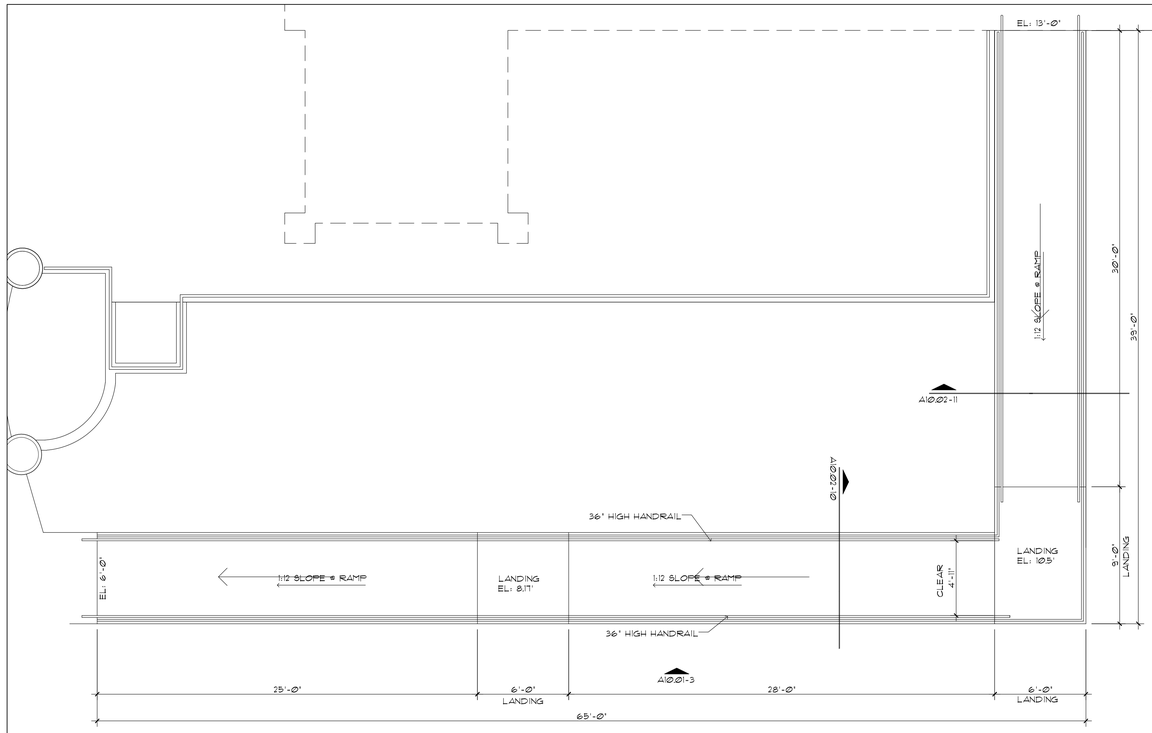
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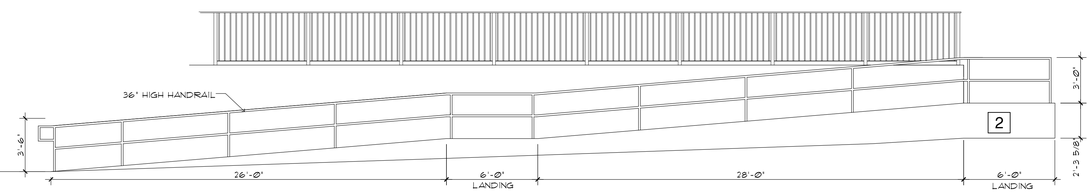
DRAWING INFORMATION:
PARKING LOT PLANS AND DETAILS

DATE: 05-08-2020
DRAWN BY: STAFF

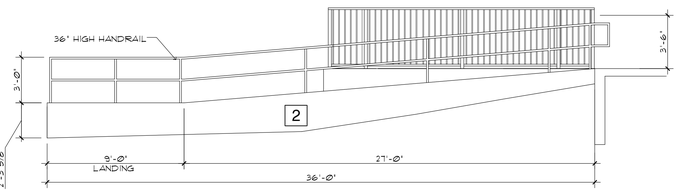
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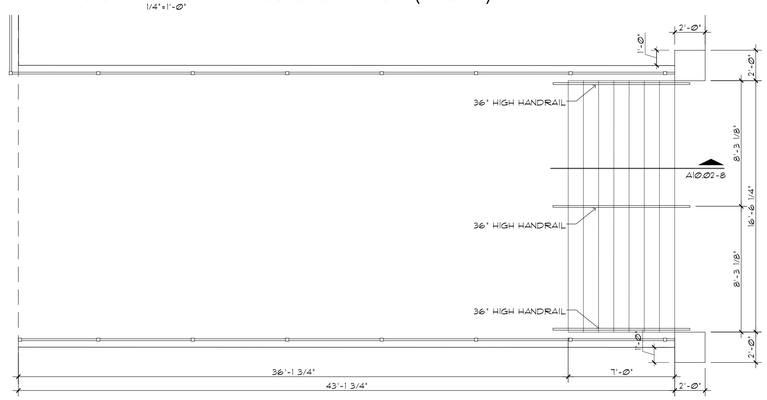
A10.01-4 ADA RAMP #3 PLAN
1/4"=1'-Ø"



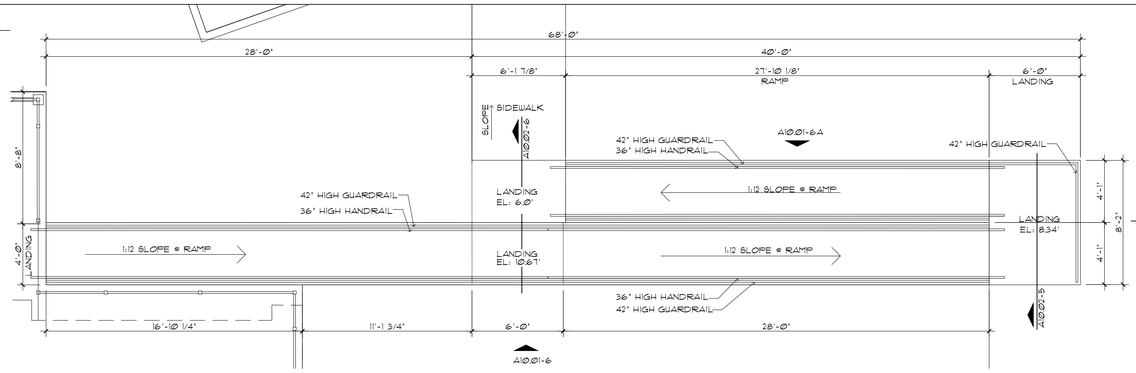
A10.01-3 ADA RAMP #3 ELEVATION (FRONT)
1/4"=1'-Ø"



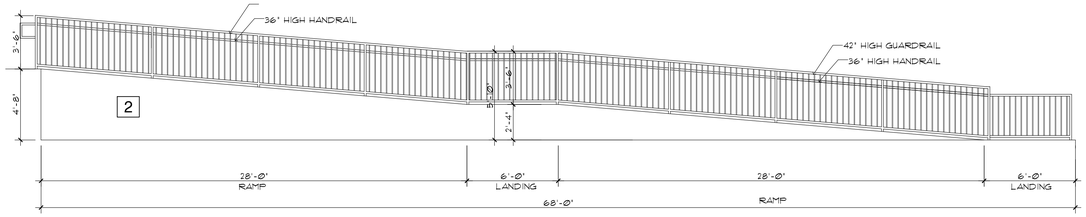
A10.01-2 ADA RAMP #3 ELEVATION (RIGHT)
1/4"=1'-Ø"



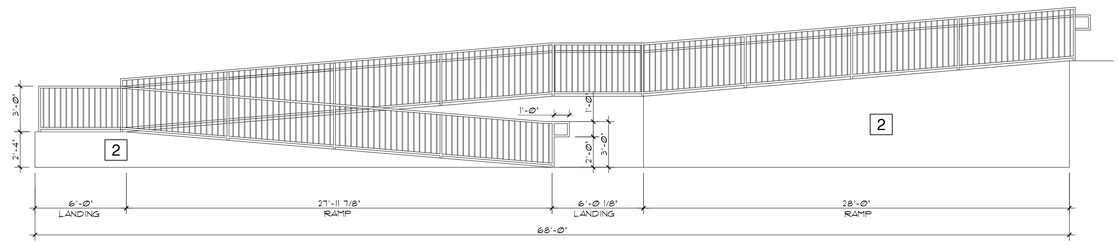
A10.01-1 SITE STAIR PLAN
1/4"=1'-Ø"



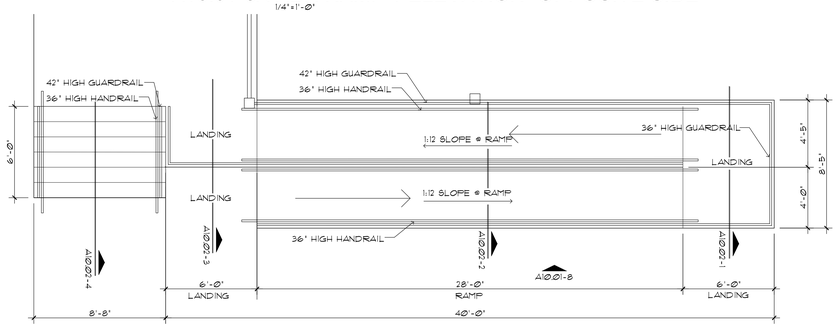
A10.01-5 ADA RAMP PLAN #1
1/4"=1'-Ø"



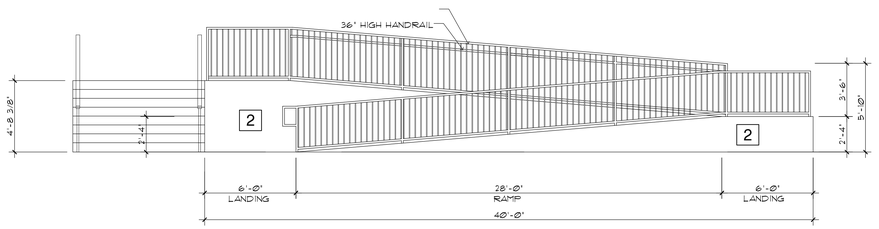
A10.01-6 ADA RAMP 1 ELEVATION
1/4"=1'-Ø"



A10.01-6A ADA RAMP 1 ELEVATION- OPPOSITE SIDE
1/4"=1'-Ø"



A10.01-7 ADA RAMP AND STAIR PLAN #2
1/4"=1'-Ø"



A10.01-8 ADA RAMP 2 ELEVATION
1/4"=1'-Ø"

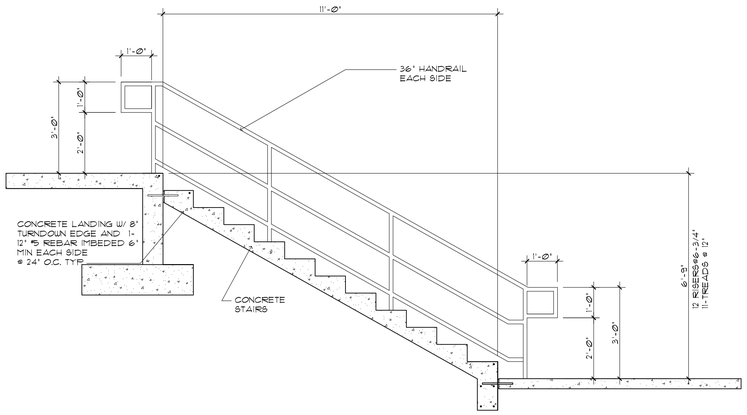
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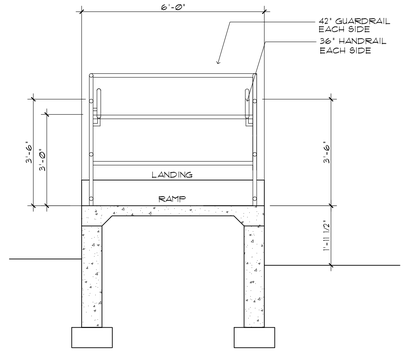
DRAWING INFORMATION:
SITE RAMP PLANS AND ELEVATIONS

DATE: 05-08-2020
DRAWN BY: STAFF

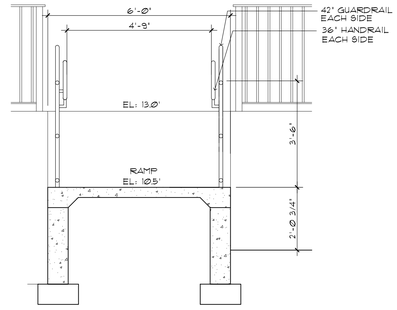
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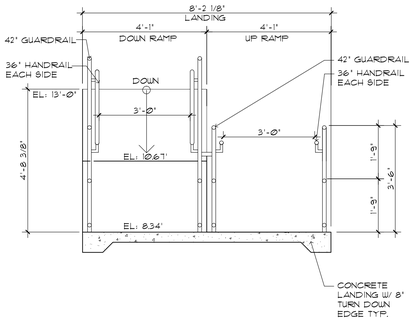
A10.02-9 STAIR SECTION @ FRONT OF STADIUM
3/8"=1'-0"



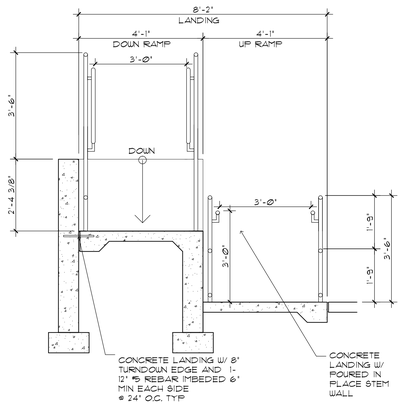
A10.02-10 RAMP SECTION @ FRONT OF STADIUM
3/8"=1'-0"



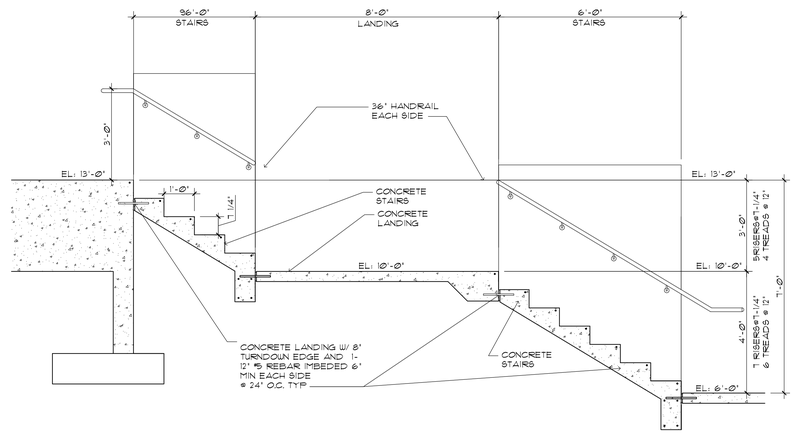
A10.02-11 RAMP SECTION @ FRONT OF STADIUM
3/8"=1'-0"



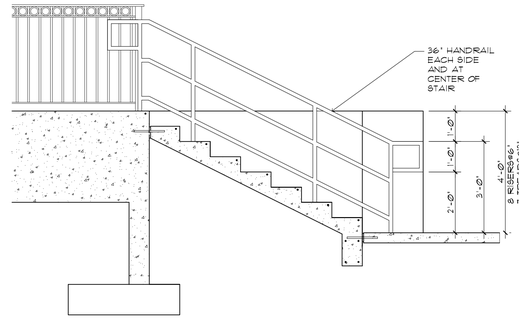
A10.02-5 ADA LANDING SECTION
3/8"=1'-0"



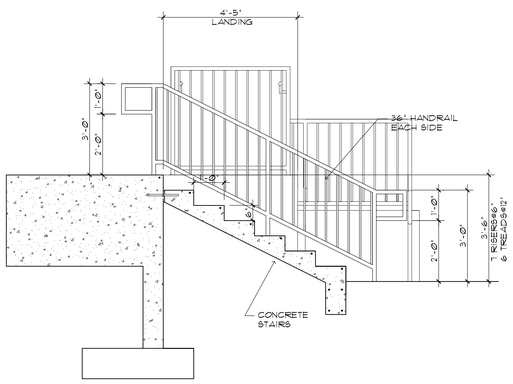
A10.02-6 ADA RAMP SECTION
3/8"=1'-0"



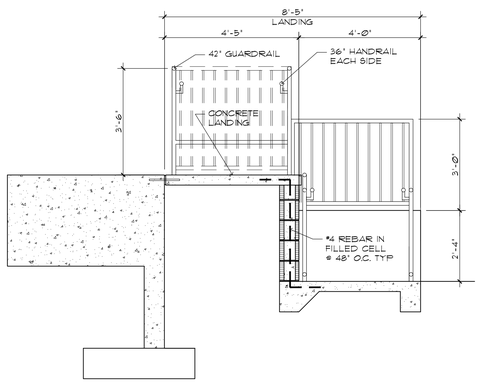
A10.02-7 STAIR SECTION TO PARKING LOT
3/8"=1'-0"



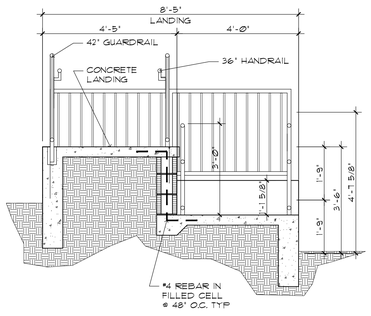
A10.02-8 STAIR SECTION
3/8"=1'-0"



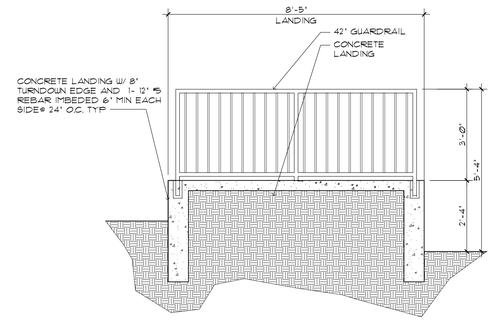
A10.02-4 STAIR SECTION
3/8"=1'-0"



A10.02-3 ADA RAMP SECTION
3/8"=1'-0"



A10.02-2 ADA RAMP SECTION
3/8"=1'-0"



A10.02-1 ADA RAMP SECTION
3/8"=1'-0"

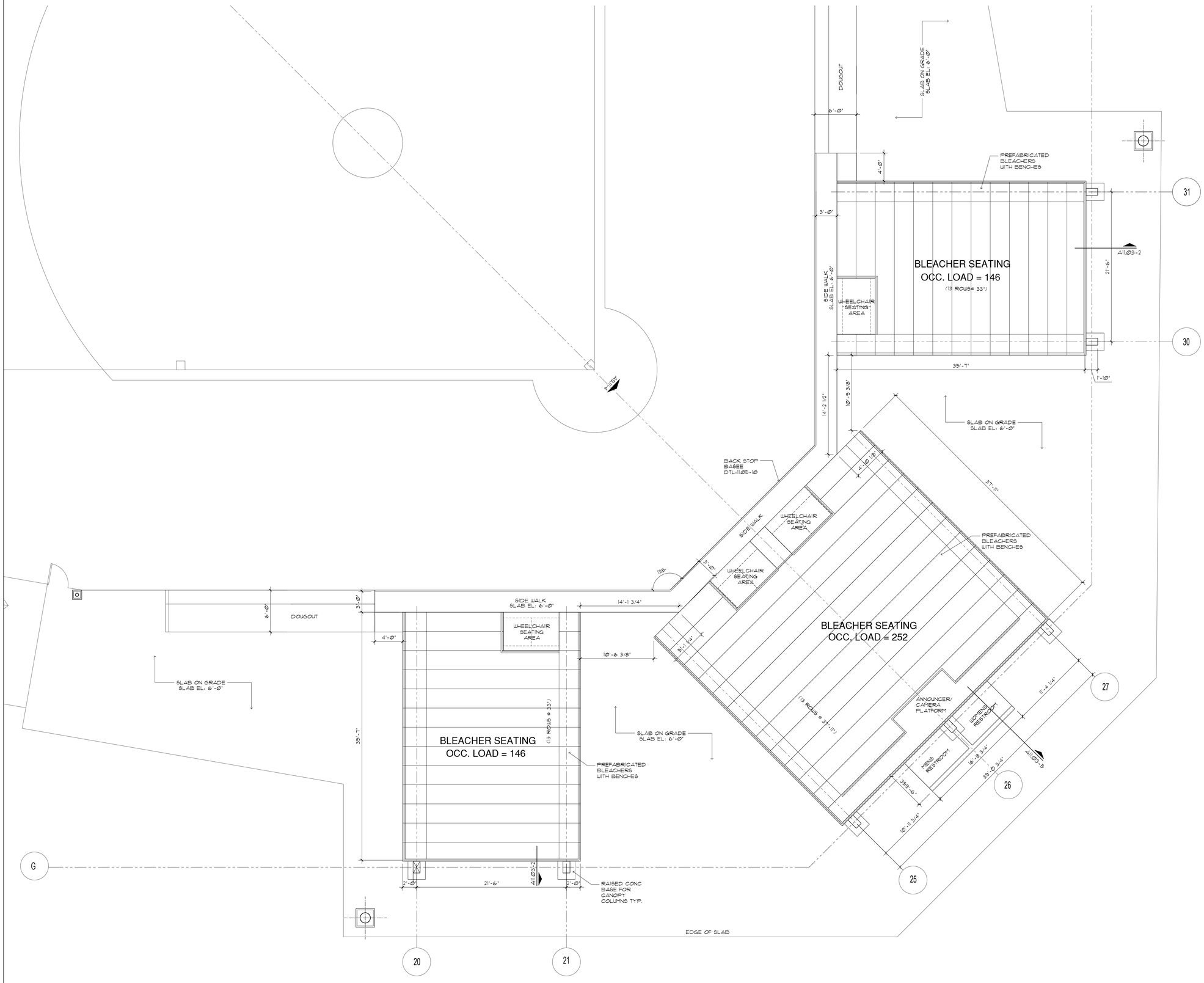
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
SITE RAMP AND STAIR DETAILS

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A10.02



A11.01 SEATING LEVEL FLOOR PLAN

3/16"=1'-0"

REGISTERED ARCHITECT
STEVEN E. HUTCHINS
A-0458
U.S. VIRGIN ISLANDS

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PROJECT:

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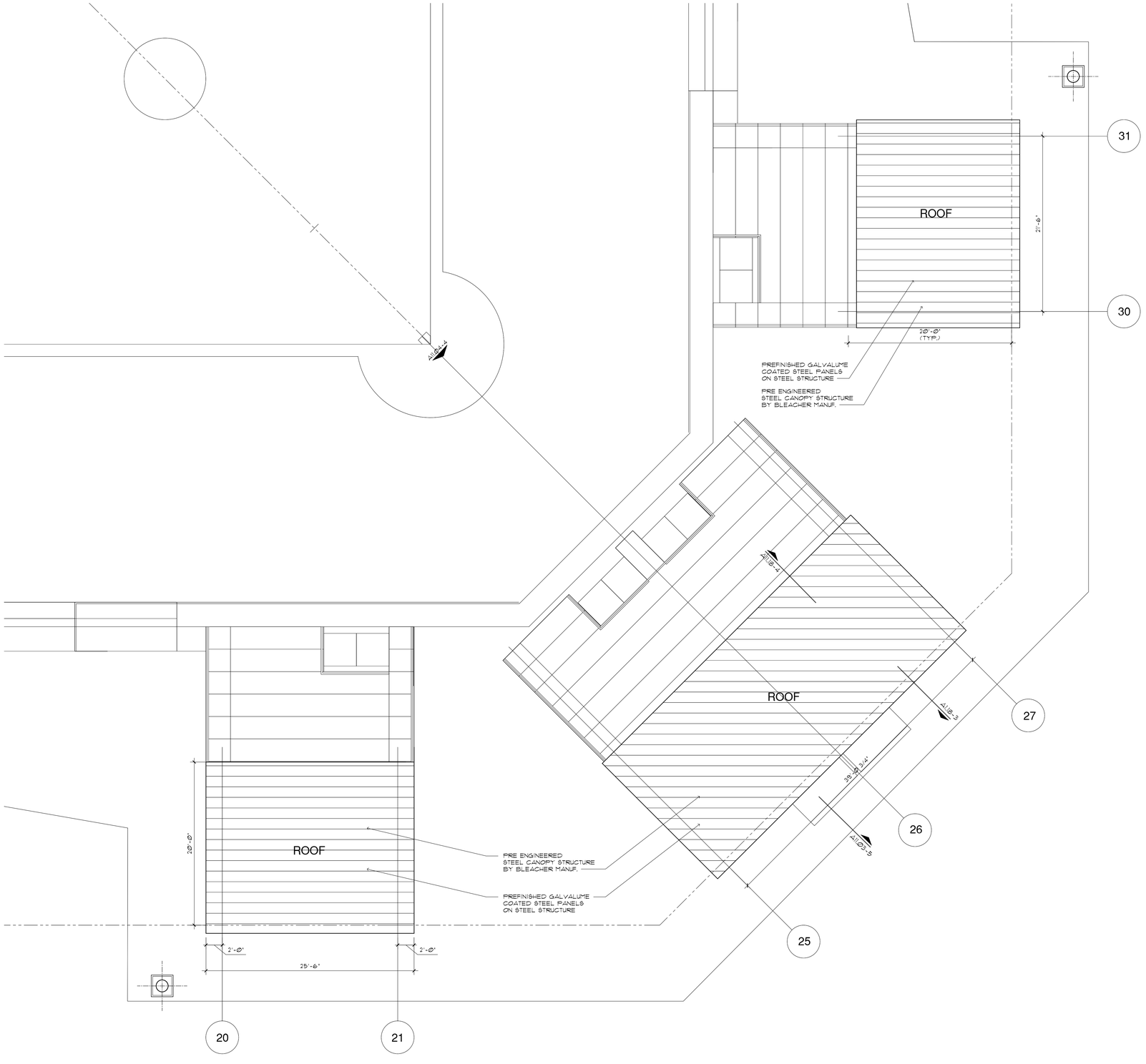
DRAWING INFORMATION:

TERRENCE MARTIN FIELD -
SEATING LEVEL FLOOR PLAN

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:

A11.01



A11.02 ROOF PLAN

3/16"=1'-0"

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PROJECT:

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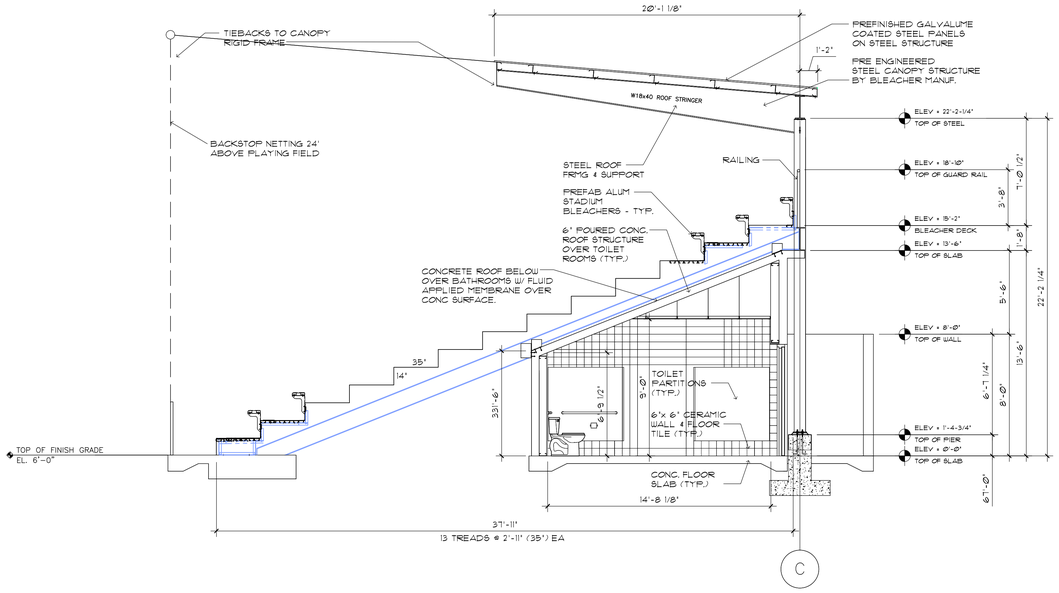
DRAWING INFORMATION:

TERRENCE MARTIN FIELD -
ROOF PLAN

DATE: 05-08-2020
DRAWN BY: STAFF

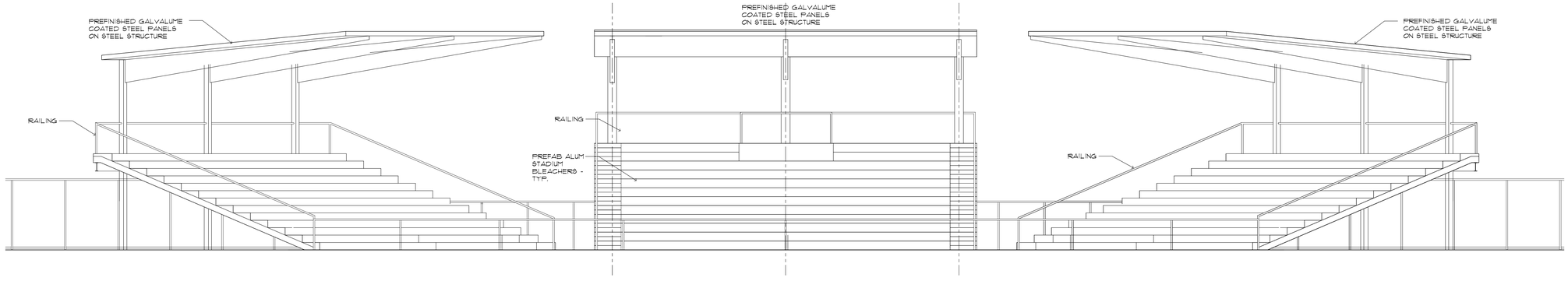
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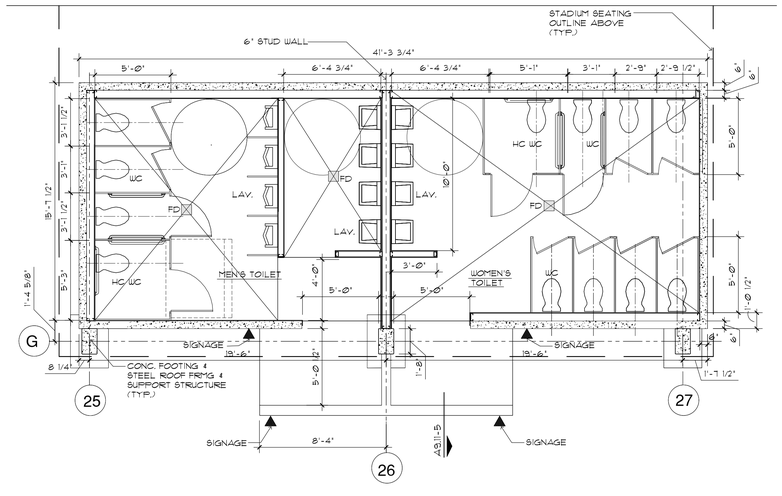
A11.03-5 SECTION 4 - BLEACHER @ TOILET ROOM

1/4"=1'-0"



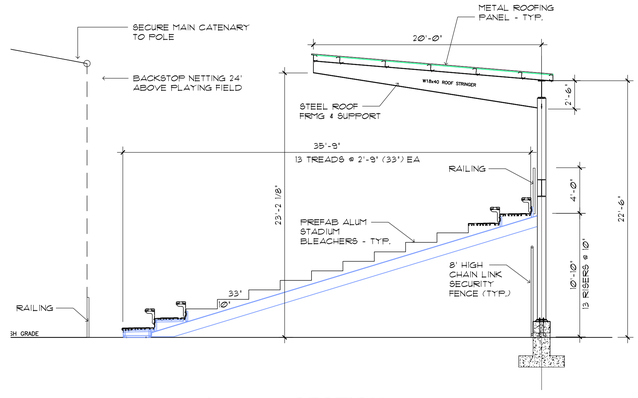
A11.03-4 SEATING ELEVATION

3/16"=1'-0"



A11.03-1 ENLARGED TOILET PLAN 1

1/4"=1'-0"



A11.03-2 SECTION

3/16"=1'-0"

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PROJECT:

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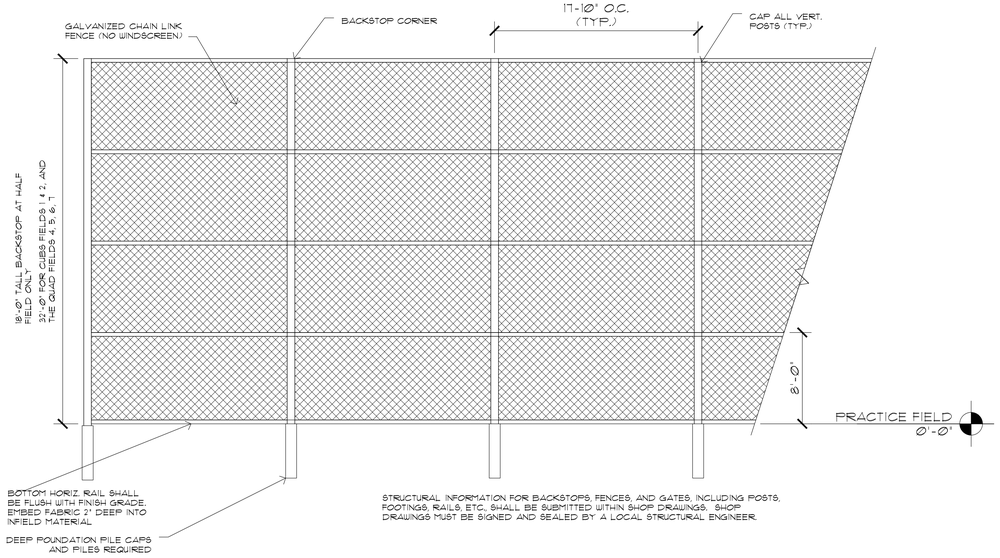
DRAWING INFORMATION:

TERRENCE MARTIN FIELD
SECTIONS AND ELEVATIONS

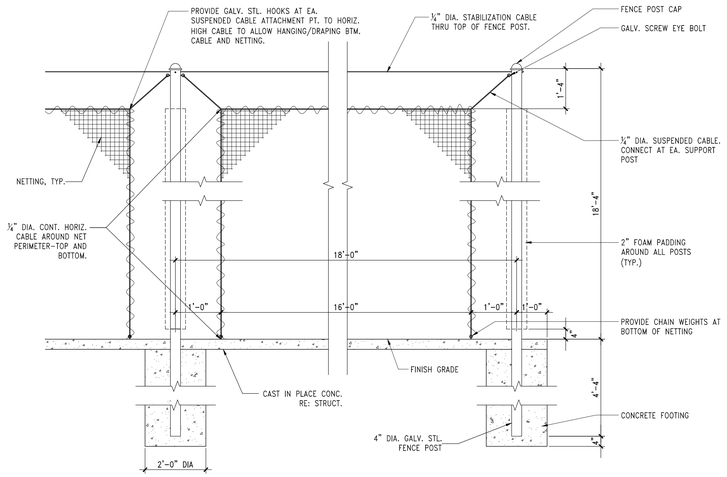
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:

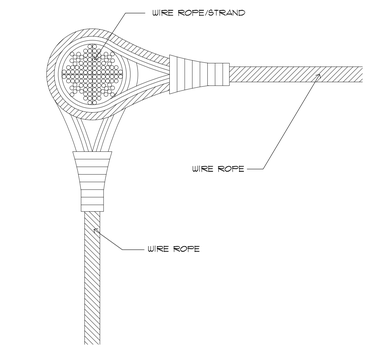
A11.03



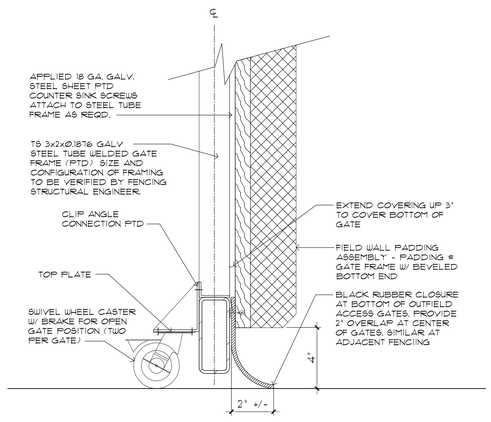
A11.05-10 BACKSTOP DETAIL @ TM PRACTICE FIELDS
3/16"=1'-0"



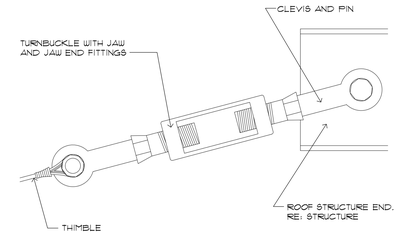
A11.05-9 BULL PEN DETAIL
1/4"=1'-0"



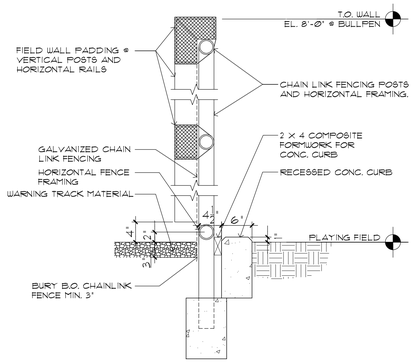
A11.05-8 BACKSTOP CABLE DETAIL
1'-0"=1'-0"



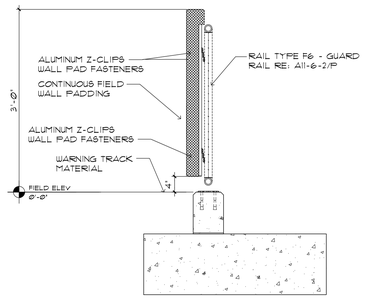
A11.05-7 OUTFIELD WALL GATE DETAIL
3"=1'-0"



A11.05-6 BACKSTOP CABLE DETAIL
3"=1'-0"



A11.05-5 FIELD WALL DETAIL AT BULLPEN
1"=1'-0"



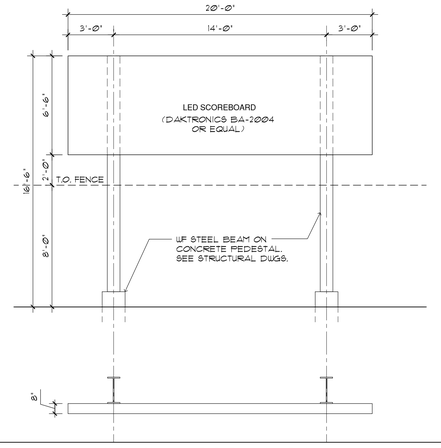
A11.05-4 INFIELD FENCE AT SIDELINES
3/4"=1'-0"

NOT USED

A11.05-3 BAT AND HELMET RACK ELEVATION
1/2"=1'-0"

NOT USED

A11.05-2 BAT AND HELMET RACK
3/4"=1'-0"



A11.05-1 TM FIELD SCOREBOARD
1/4"=1'-0"

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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM AND SPORT COMPLEX

DRAWING INFORMATION:
TERRENCE MARTIN FIELD
FIELD SITE DETAILS

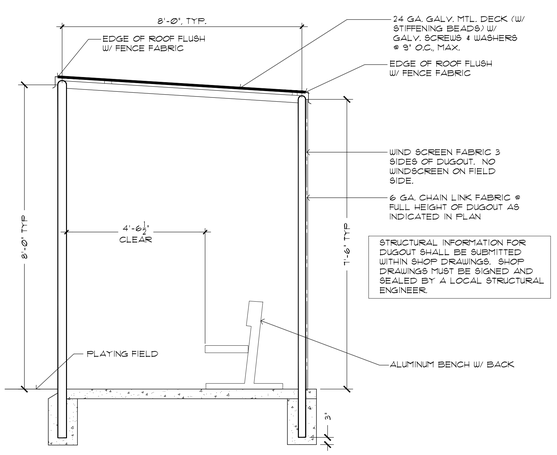
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A11.05

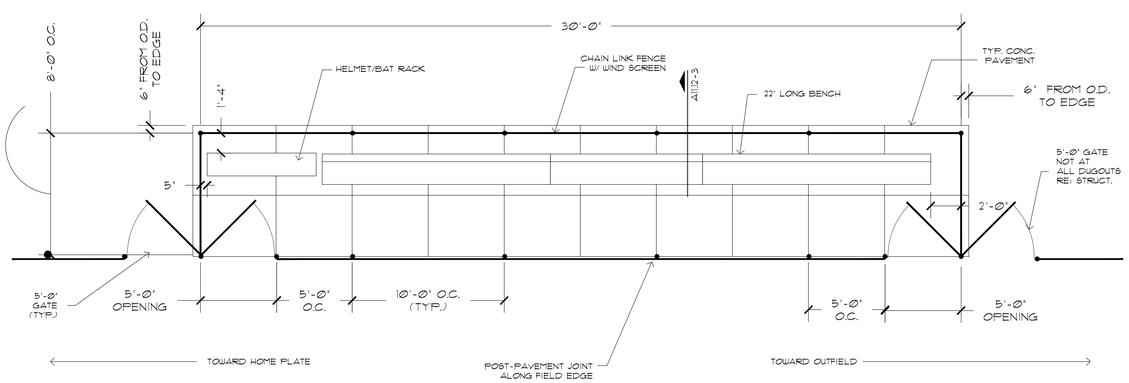
NOT USED

NOT USED

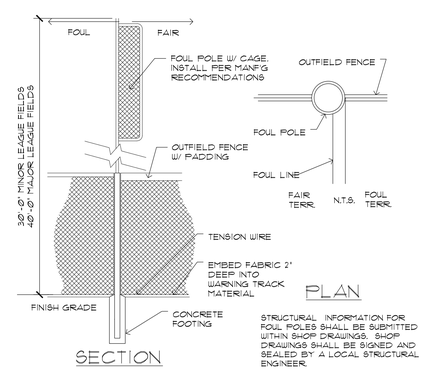
NOT USED



A11.06-3 TYP. DUGOUT SECTION @ TM PRACTICE FIELD
1/2"=1'-0"



A11.06-2 TYPICAL DUGOUT PLAN @TM PRACTICE FIELD
1/4"=1'-0"



STRUCTURAL INFORMATION FOR FOUL POLES SHALL BE SUBMITTED WITHIN SHOP DRAWINGS. SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY A LOCAL STRUCTURAL ENGINEER.

A11.06-1 TYP FOUL POLE DTL @ TM PRACTICE FIELD
1/4"=1'-0"

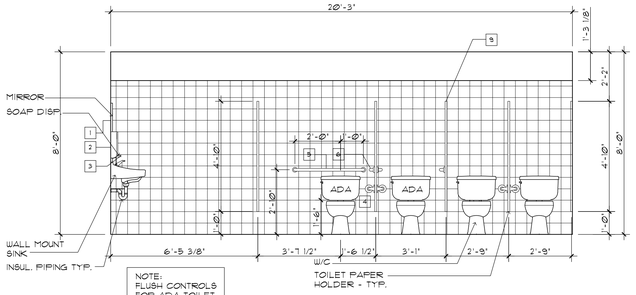
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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
TERRENCE MARTIN FIELD
FIELD SITE DETAILS

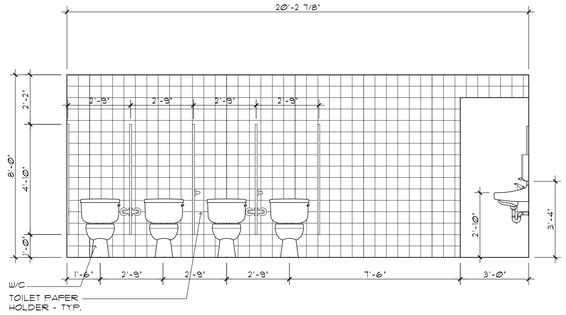
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A11.06

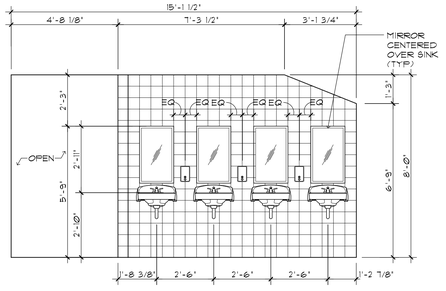


NOTE: FLUSH CONTROLS FOR ADA TOILET SHALL BE TO OPEN SIDE OF ADA TOILET

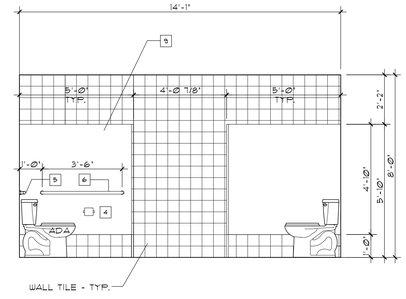
A11.07-6 WOMEN (#101)
3/8"=1'-0"



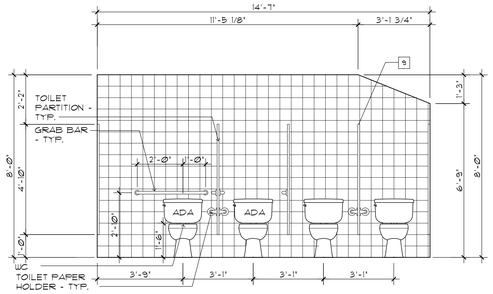
A11.07-7 WOMEN (#101)
3/8"=1'-0"



A11.07-8 WOMEN (#101)
3/8"=1'-0"

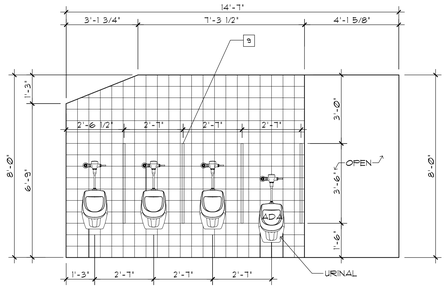


A11.07-9 WOMEN (#101)
3/8"=1'-0"

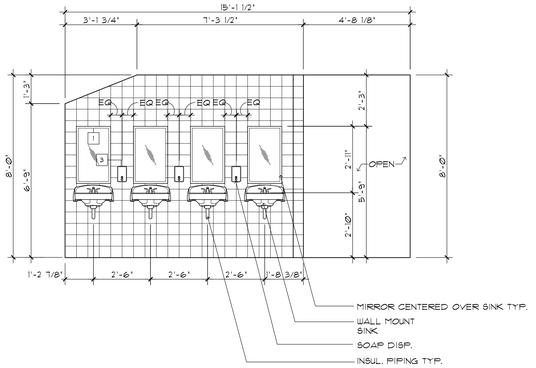


NOTE: FLUSH CONTROLS FOR ADA TOILET SHALL BE TO OPEN SIDE OF ADA TOILET

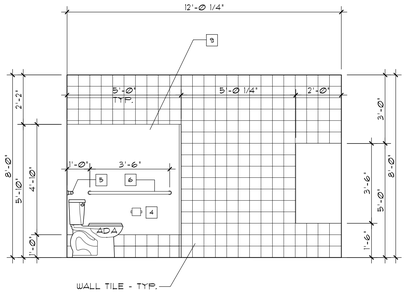
A11.07-2 MEN (#100)
3/8"=1'-0"



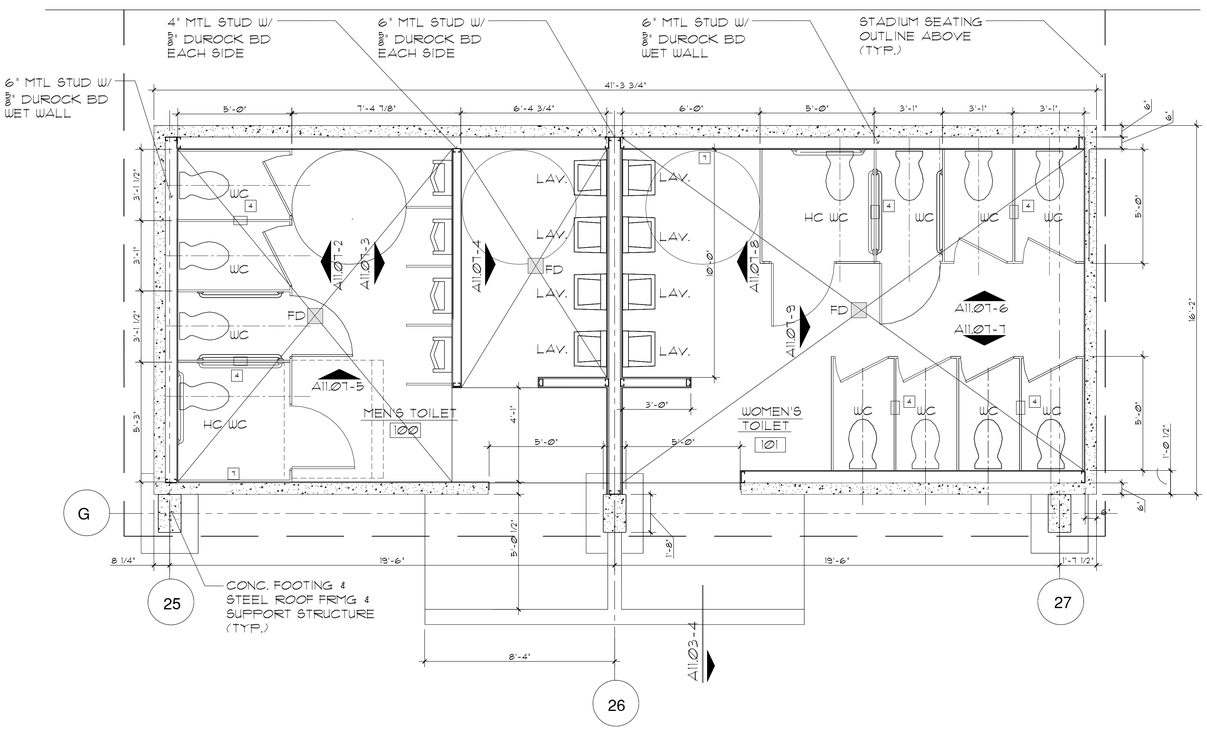
A11.07-3 MEN (#100)
3/8"=1'-0"



A11.07-4 MEN (#100)
3/8"=1'-0"



A11.07-5 MEN (#100)
3/8"=1'-0"



A11.07-1 ENLARGED TOILET PLAN 1
3/8"=1'-0"

BATHROOM ACCESSORY SCHEDULE

MARK	ITEM	MANUFACTURER	MODEL NUMBER	MOUNTING HT.
1	MIRROR	BOBRICK	B2290 1836	6'-1" AFF
2	PAPER TOWEL DISP.	BOBRICK	B262	27.5' AFF
3	SOAP DISPENSER	BOBRICK	B-2111	26' AFF
4	TOILET TISSUE HOLDER	BOBRICK	B-386	T.O UNIT @ 48' AFF
5	36' H.C. GRAB BAR	BOBRICK	B-6806 X 36	2'-10" AFF
6	42' H.C. GRAB BAR	BOBRICK	B-6806 X 42	2'-10" AFF
7	KOALA CHANGING STATION	KOALA	KB-200	MNT @ 4225' AFF
8	S. MTD TRASH RECEPTICLE	BOBRICK	B- 275	35' AFF
9	PARTITIONS	BRADLEY	SERIES 400	FLOOR MTD W/ OVERHEAD BRACKETING TO WALLS

REGISTERED ARCHITECT
STEVEN E. HUTCHINS
1454-A
U.S. VIRGIN ISLANDS

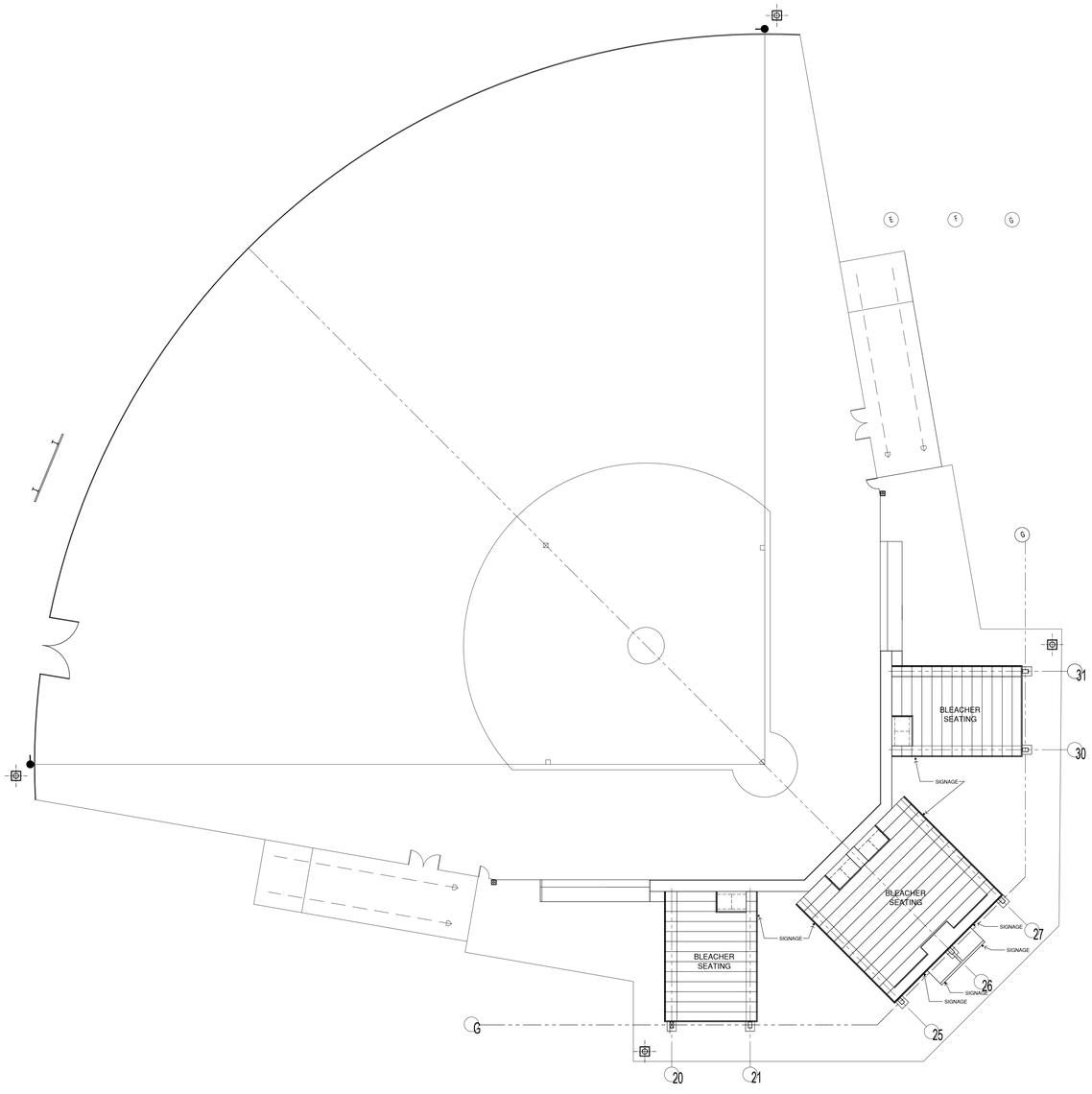
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
TERRENCE MARTIN FIELD
TOILET ROOM ENLARGED PLAN
AND INTERIOR ELEVATIONS

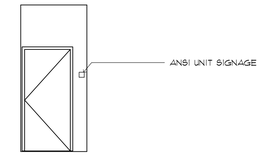
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
A11.07



A11.08-1 FIELD LEVEL FLOOR PLAN

1/16" = 1'-0"



TYPICAL ANSI ENTRY ELEVATION

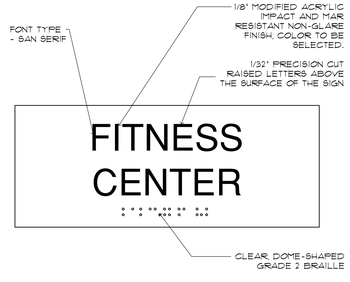
A11.08-2 TYPICAL SIGNAGE MOUNTING DIAGRAMS

3/16" = 1'-0"

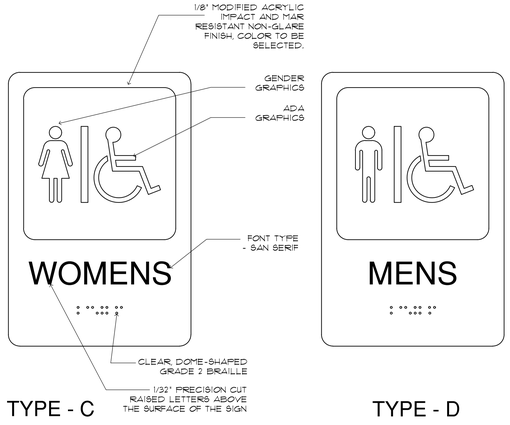
SIGNAGE SCHEDULE- LOWER LEVEL				
LOCATION	ROOM NAME	SIGNAGE TYPE	SIGNAGE TEXT	MOUNTING HEIGHT HEIGHT
LOWER LEVEL	HANDICAP SEATING AREA	TYPE B	HANDICAP SEATING AREA	60" A.F.F. T.O. LETTERS
LOWER LEVEL	WOMENS	TYPE C	WOMENS	60" A.F.F. T.O. LETTERS
LOWER LEVEL	MENS	TYPE C	MENS	60" A.F.F. T.O. LETTERS

RECEPTION

TYPE - A



TYPE - B

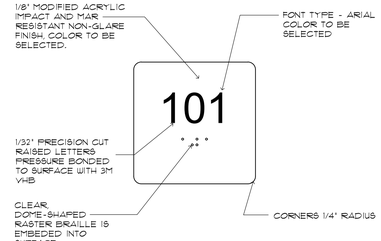


TYPE - C

TYPE - D

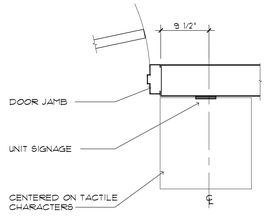
A11.08-3 SIGNAGE

N.T.S.



A11.08-4 UNIT SIGNAGE

6" = 1'-0"

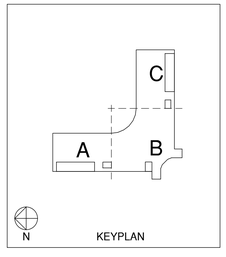


A11.08-5 ANSI UNIT SIGNAGE

1" = 1'-0" AT GROUND FLOOR

0 4 8 16 32 48

SCALE: 1/16" = 1'-0"



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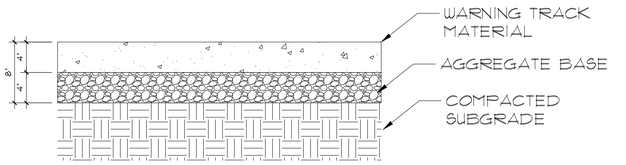
DRAWING INFORMATION:

TERRENCE MARTIN FIELD -
FIELD LEVEL SIGNAGE PLAN
AND DETAILS

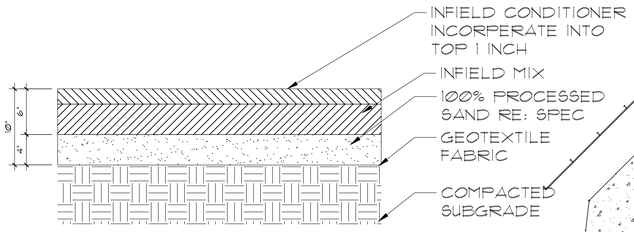
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:

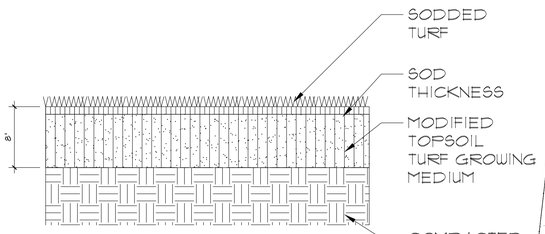
A11.08



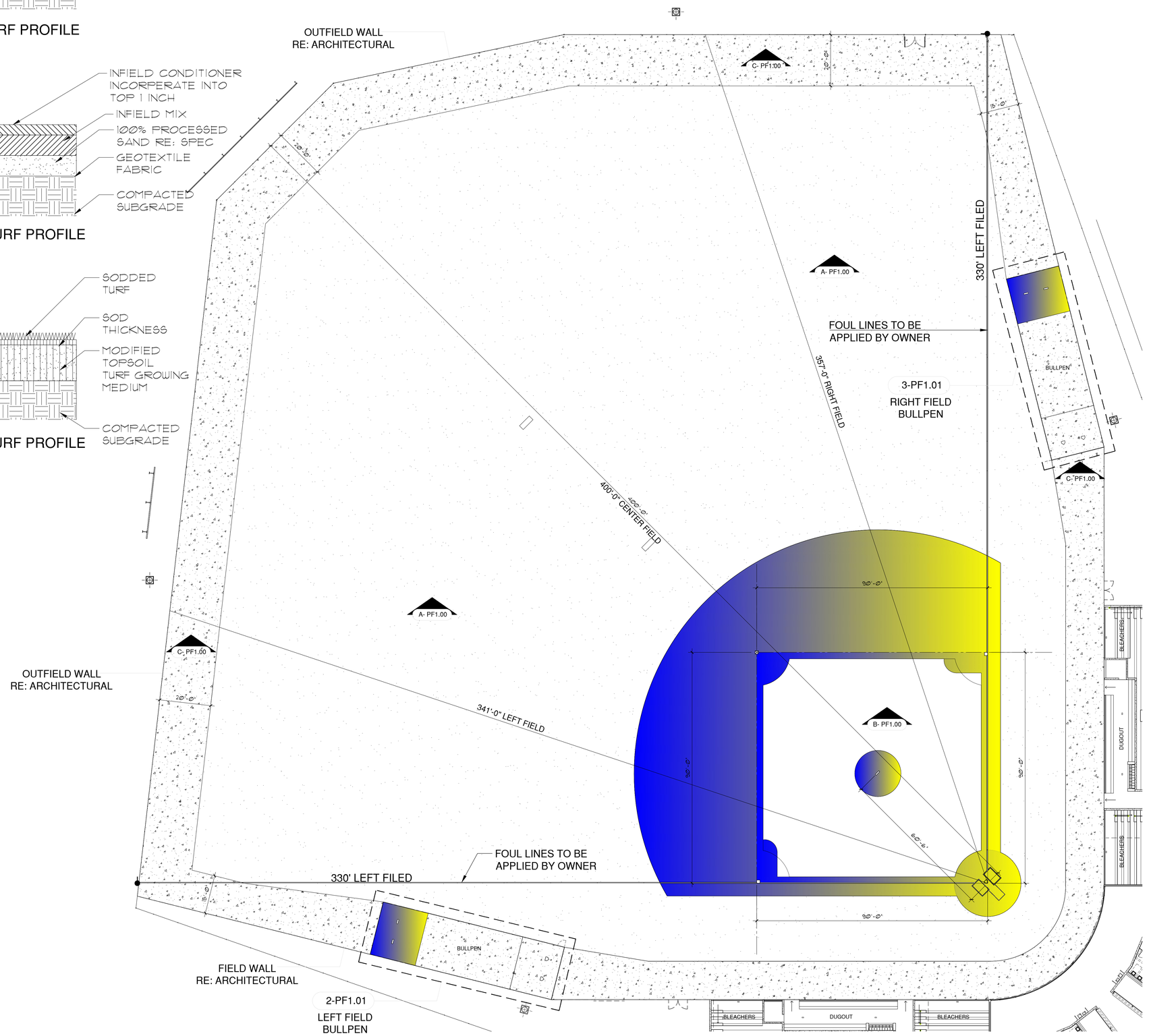
PF 1.00-C NATURAL TURF PROFILE
1-1/2"=1'-0"



PF 1.00-B NATURAL TURF PROFILE
1-1/2"=1'-0"



PF 1.00- A NATURAL TURF PROFILE
1-1/2"=1'-0"



PF 1.00 PEJS FIELD LAYOUT PLAN
1/16"=1'-0"

PLAYING FIELD LEGEND

NATURAL TURF PROFILE RE: A THIS SHEET

INFIELD SKINNED AREA PROFILE RE: B THIS SHEET

WARNING TRACK PROFILE RE: C THIS SHEET

PLAYING FIELD NOTES

1. RE: ARCH. DRAWINGS FOR OUTFILED FENCE, PADS,AND STADIUM WALL LAYOUT AND NOTES.

2. RE:PF1.01 FOR ADDITIONAL INFORMATION CONCERNING INFIELD AND BASE LAYOUT

3. ALL FIELD MARKINGS ARE FOR REFERENCE ONLY. APPLICATION BY GROUNDS KEEPER.

4. ROOT ZONE MIX TO BE BLENDED OFF-SITE. DELIVERY AND STORAGE OF APPROVED MIX ON-SITE TO BE COORDINATED WITH THE CONSTRUCTION MANAGER

5. CONSTRUCTION OF PITCHING MOUNDS AND INSTALLATION OF BASES TO BE DONE UNDER THE OBSERVATION OF THE GROUNDS KEEPER

6. ALL DIMENSIONS, MARKINGS AND MATERIALS ARE SYMMETRICAL ABOUT THE FIELD CENTERLINE UNLESS OTHERWISE NOTED.

7. ALL HOME PLATE AREAS DESIGNED TO BE ARTIFICIAL TURF SHALL BE BROWN IN COLOR TO CLOSELY MATCH THE HOME PLATE AREA OF THE PLAYING FIELD. HOME PLATES SHALL BE WHITE SEWN IN ARTIFICIAL TURF.

REGISTERED ARCHITECT STEVEN E. HUTCHINS U.S. VIRGIN ISLANDS A-0454

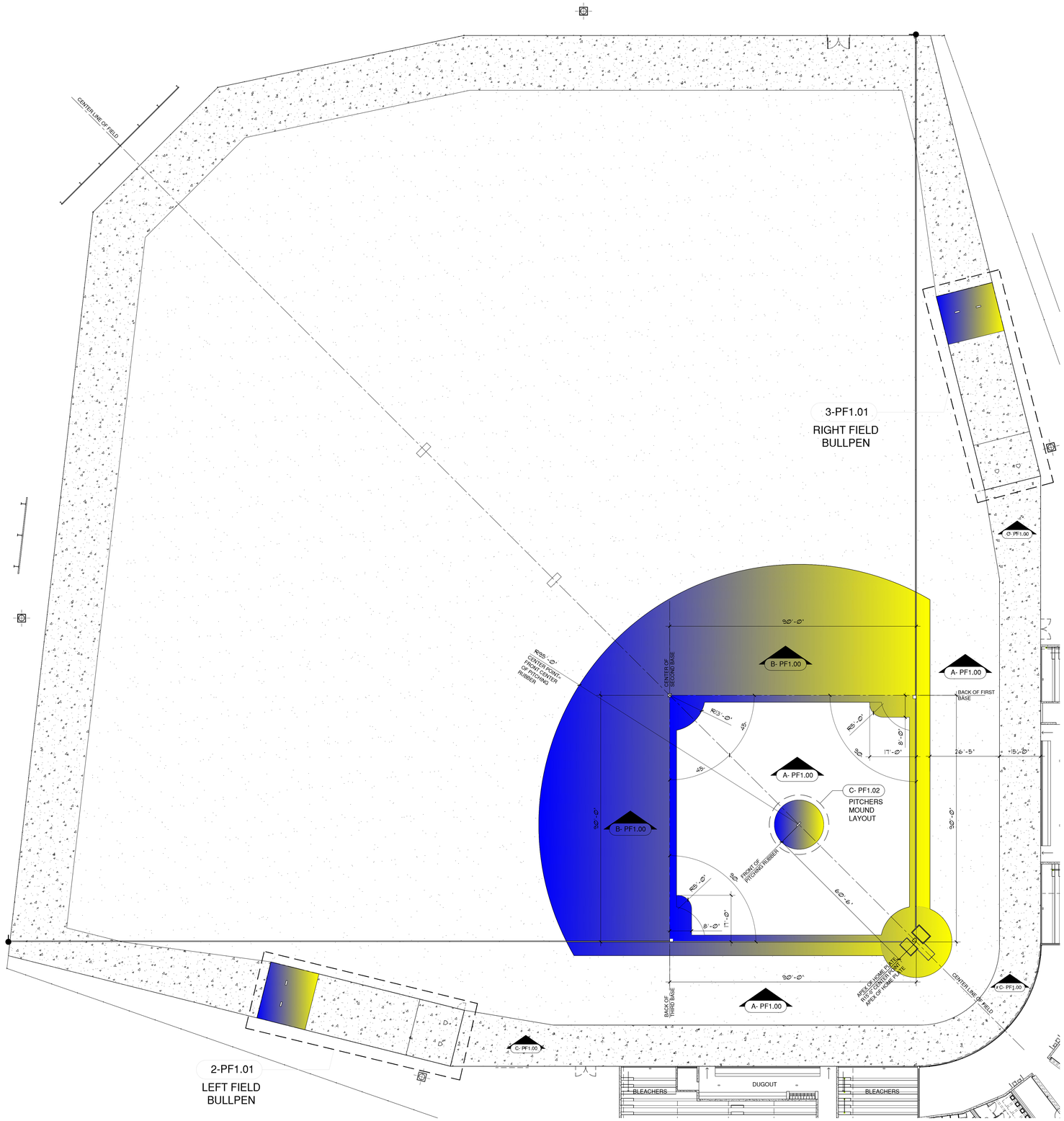
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109-113 ESTATE CASTLE COAKLEY
CHRISTIANSTED, ST. CROIX
U.S. VIRGIN ISLANDS 00822
TEL 340-778-8898 FAX 340-778-7754

PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

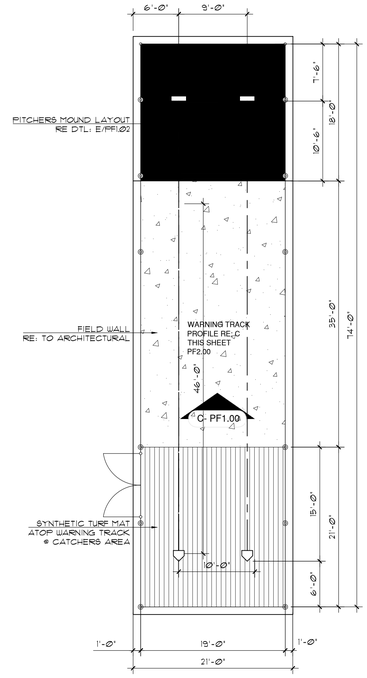
DRAWING INFORMATION:
PEJS STADIUM
LAYOUT PLANS AND PROFILES

DATE: 05-08-2020
DRAWN BY: STAFF

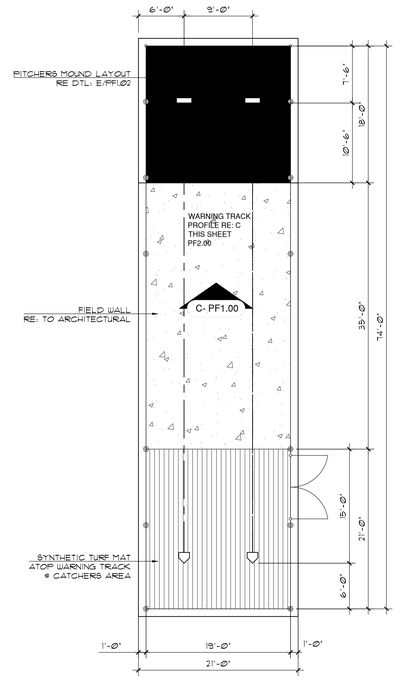
SHEET NUMBER:
PF1.00



PF 1.01-1 PEJS STADIUM FIELD LAYOUT PLAN
1/16"=1'-Ø"



PF 1.01-3 FIELD BULLPEN LAYOUT (RIGHT FIELD)
1/8"=1'-Ø"



PF 1.01-2 FIELD BULLPEN LAYOUT (LEFT FIELD)
1/8"=1'-Ø"

PLAYING FIELD LEGEND

- NATURAL TURF PROFILE RE: A THIS SHEET
- INFIELD SKINNED AREA PROFILE RE: B THIS SHEET
- WARNING TRACK PROFILE RE: C THIS SHEET

PLAYING FIELD NOTES

1. RE: ARCH. DRAWINGS FOR OUTFILED FENCE, PADS,AND STADIUM WALL LAYOUT AND NOTES.
2. RE:PF4-01 FOR ADDITIONAL INFORMATION CONCERNING INFIELD AND BASE LAYOUT
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REGISTERED ARCHITECT
STEVEN E. HUTCHINS
A-0454
U.S. VIRGIN ISLANDS

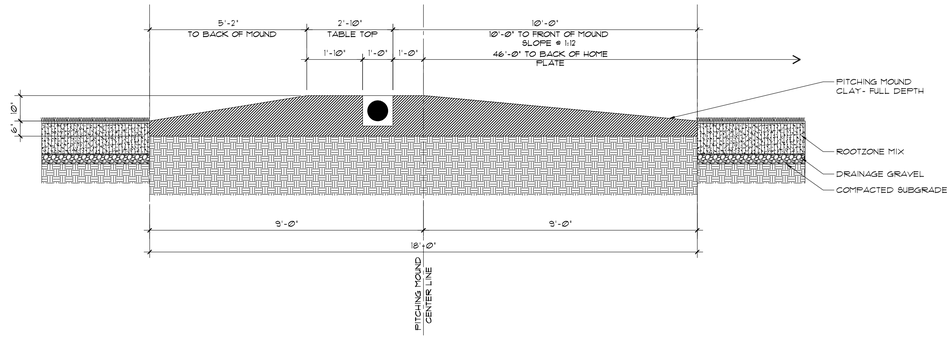
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U.S. VIRGIN ISLANDS 00822
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
PEJS STADIUM
INFIELD AND BULLPEN LAYOUT PLANS

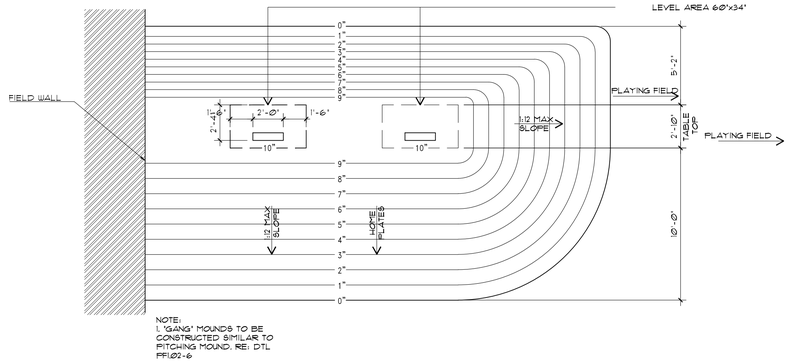
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SHEET NUMBER:
PF1.01



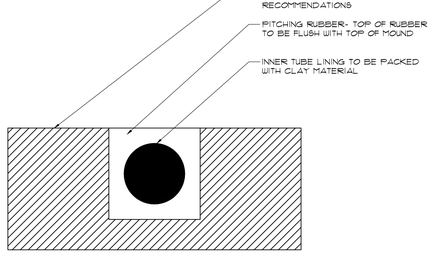
PF 1.02-7 PITCHERS MOUND

1- 1/2"=1'-0"



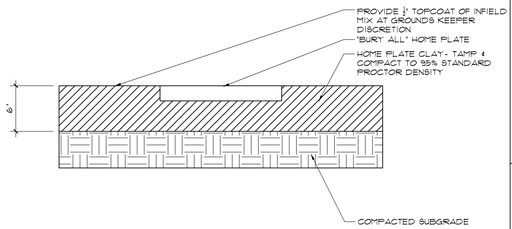
PF 1.02-6 ON FIELD GANG MOUND DETAIL

1- 1/2"=1'-0"



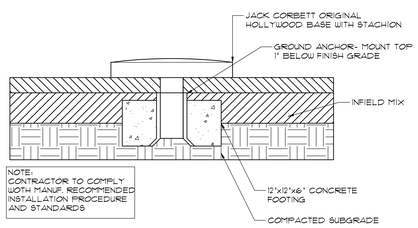
PF 1.02-5 PITCHING RUBBER INSTALLATION

1-1/2"=1'-0"



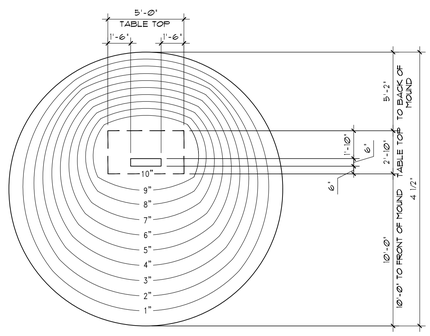
PF 1.02-4 HOME PLATE INSTALLATION

1-1/2"=1'-0"



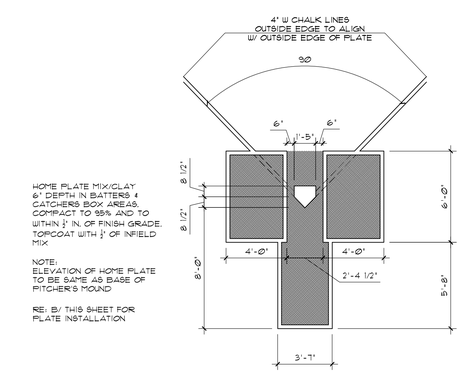
PF 1.02-3 BASE INSTALLATION

1- 1/2"=1'-0"



PF 1.02-2 PITCHERS MOUND- PLAN VIEW

1/4"=1'-0"



PF 1.02-1 TM FIELD BULLPEN LAYOUT (LEFT FIELD)

1/4"=1'-0"

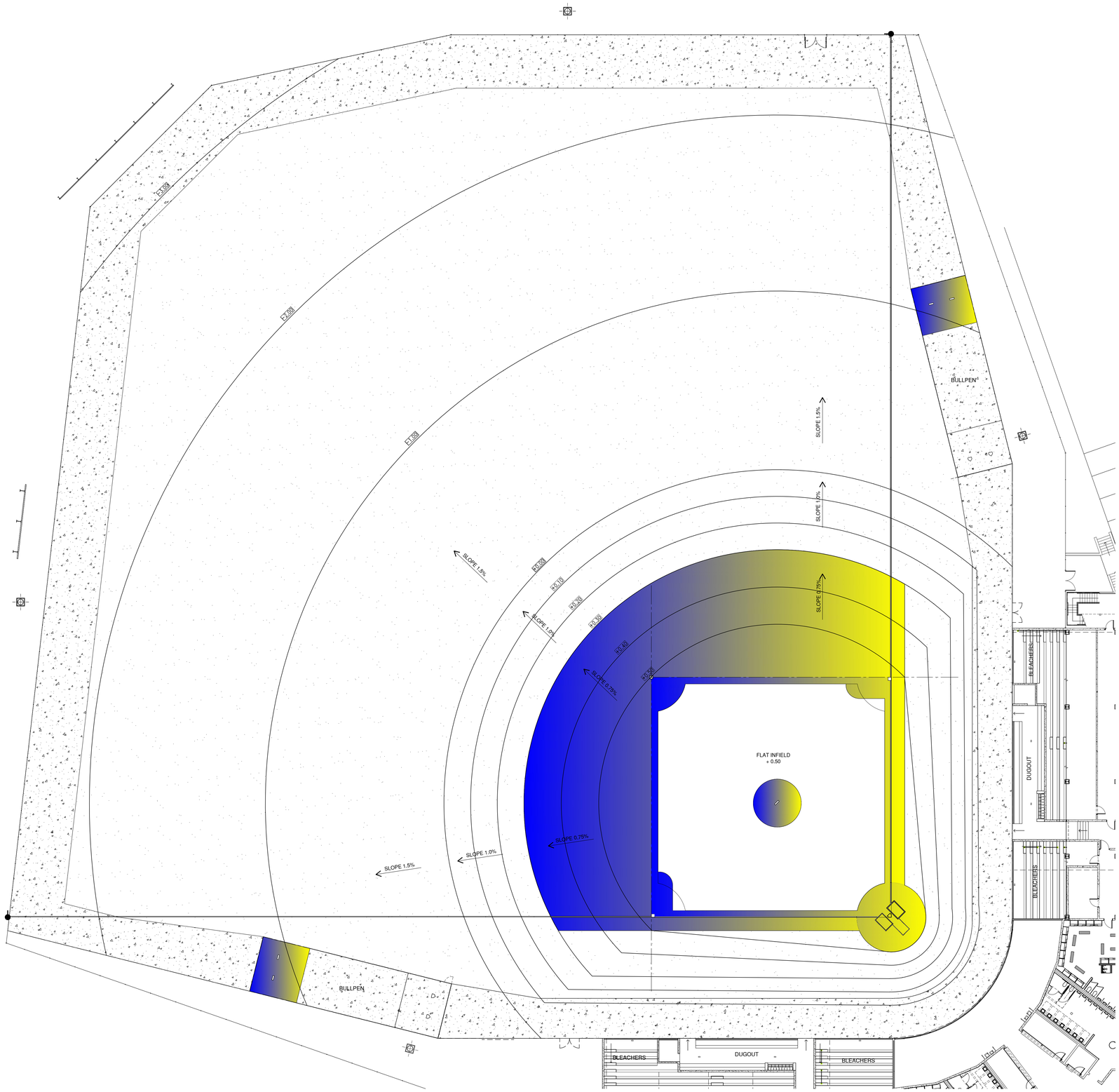
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
PEJS STADIUM
PLAYING FIELD LAYOUT DETAILS

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
PF1.02



PF 2.00 PEJS STADIUM FIELD GRADING PLAN

PLAYING FIELD LEGEND

NATURAL TURF
PROFILE RE: A
THIS SHEET

INFIELD
SKINNED AREA
PROFILE RE: B
THIS SHEET

WARNING TRACK
PROFILE RE: C
THIS SHEET

300 — PROPOSED MAJOR CONTOUR

301 — PROPOSED MINOR CONTOUR

PLAYING FIELD NOTES

1. RE: ARCH. DRAWINGS FOR STADIUM WALL LAYOUT AND MATERIAL NOTES.

2. GRADE FIELD TO A SMOOTH EVEN PLAYING SURFACE TO THE SPOT ELEVATIONS AND CONTOUR INDICATED.

3. CONTOUR INTERVAL IS ON- TENTH FOOT. UNLESS OTHERWISE INDICATED.

4. CONTOURS ARE +/- ELEVATIONS FROM THE FIELD BASE ELEVATION PF XXX.XX

REGISTERED ARCHITECT
STEVEN E. HUTCHINS
A-0453
U.S. VIRGIN ISLANDS

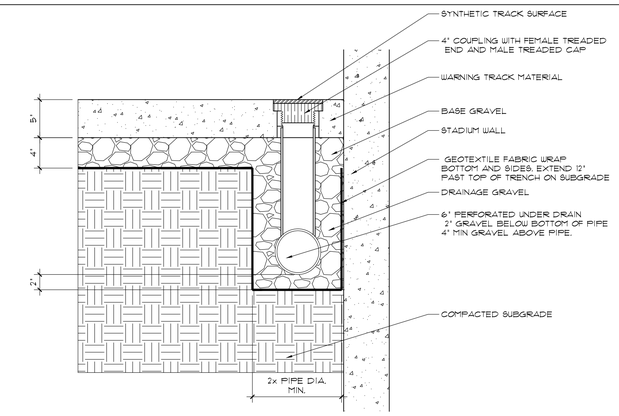
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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
PEJS STADIUM
PLAYING FIELD GRADING PLAN

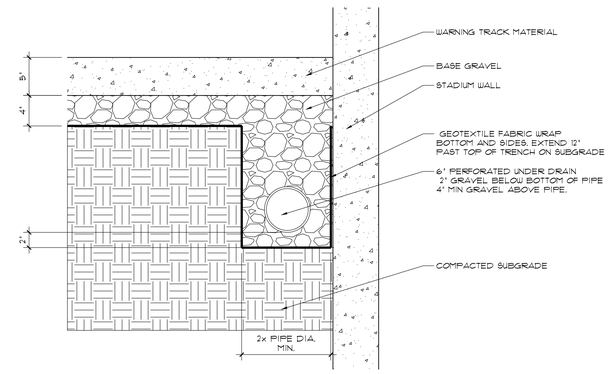
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
PF2.00



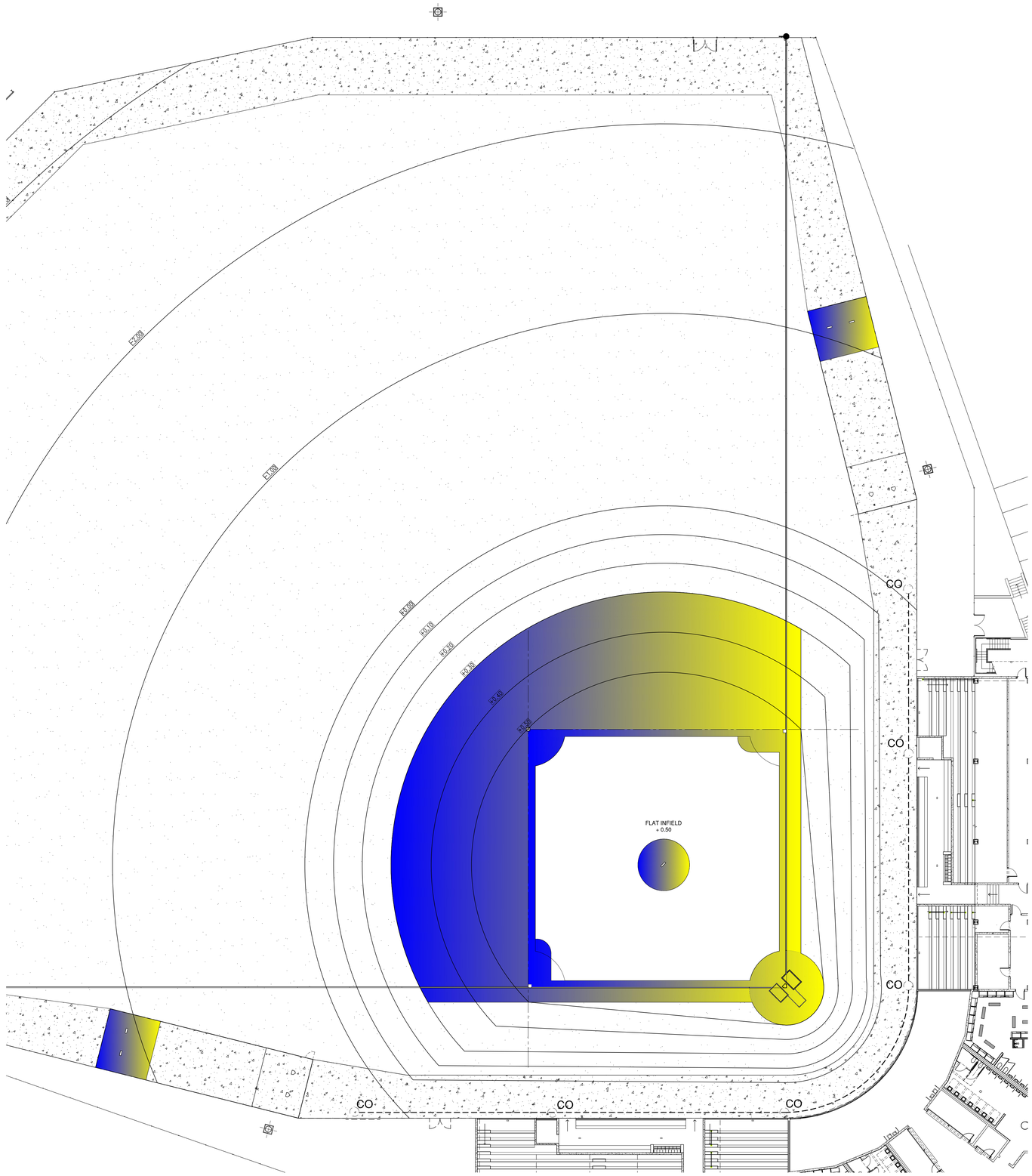
PF 3.00-3 TM FIELD PERIMETER WALL DRAIN CLEAN OUT

1/16"=1'-0"



PF 3.00-2 TM FIELD PERIMETER WALL DRAIN

1/16"=1'-0"



PF 3.00-1 PEJS STADIUM - FIELD GRADING PLAN

1/16"=1'-0"

PLAYING FIELD LEGEND

NATURAL TURF
PROFILE RE: A
THIS SHEET

INFIELD
SKINNED AREA
PROFILE RE: B
THIS SHEET

WARNING TRACK
PROFILE RE: C
THIS SHEET

300 — PROPOSED MAJOR CONTOUR

301 — PROPOSED MINOR CONTOUR

---------- 6" PERFORATED COLLECTOR PIPE RE: PF4.00-2

CO — COLLECTOR CLEANOUT PIPE RE: PF4.00-3

PLAYING FIELD NOTES

1. CONTRACTOR TO AVOID EXCESSIVE TRAFFIC OVER COMPLETED DRAINAGE SYSTEM TO AVOID CRUSHING OF THE PIPES.

2. CONTRACTOR TO PROVIDE PROOF OF POSITIVE DRAINAGE PRIOR TO BACKFILLING OF PIPE.

3. LATERAL PIPING SHALL HAVE A MINIMUM SLOPE OF 0.5%

4. PERIMETER COLLECTOR TO HAVE A MINIMUM SLOPE OF 0.5%

REGISTERED ARCHITECT STEVEN E. HUTCHINS A-0453 U.S. VIRGIN ISLANDS

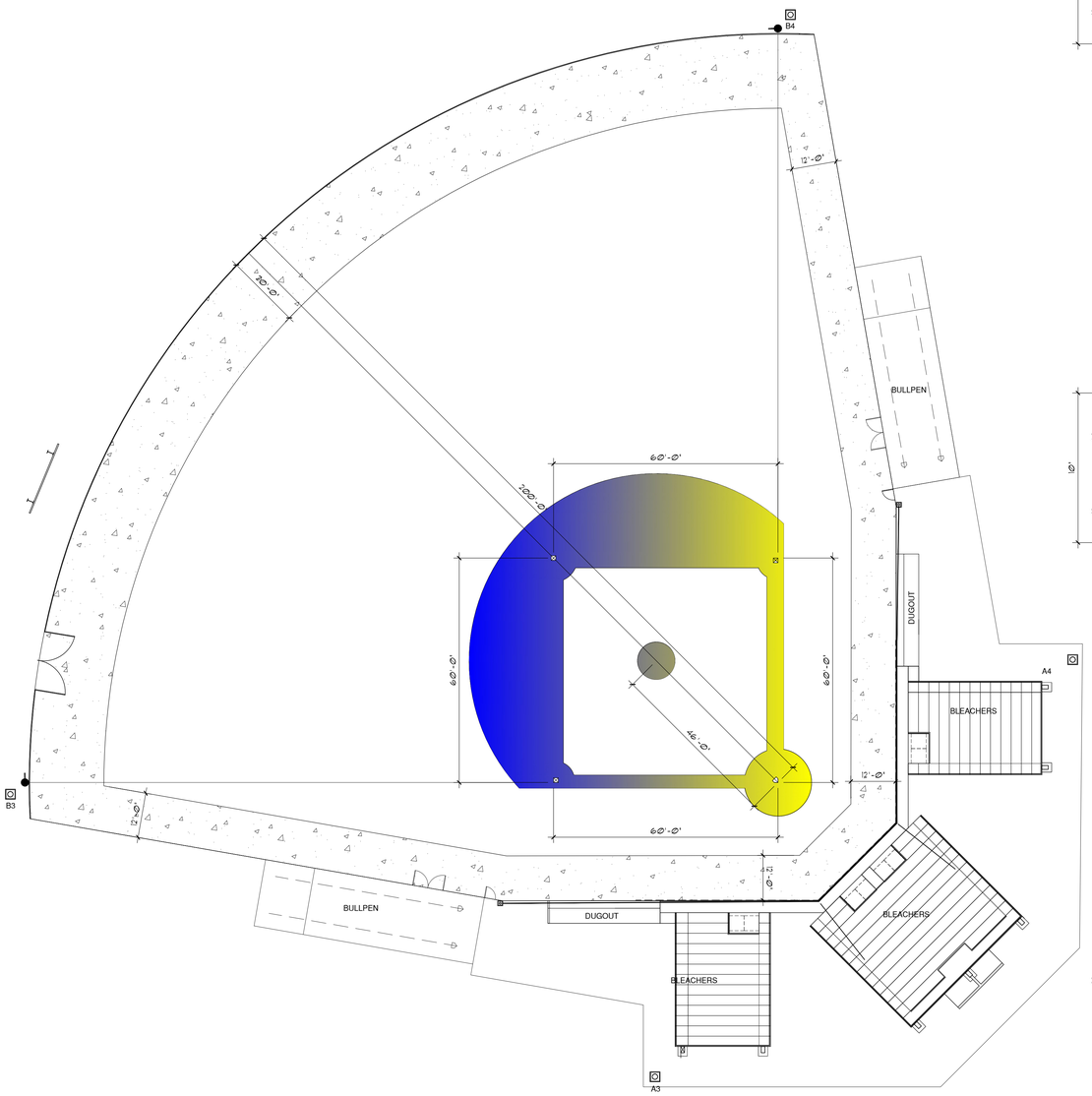
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

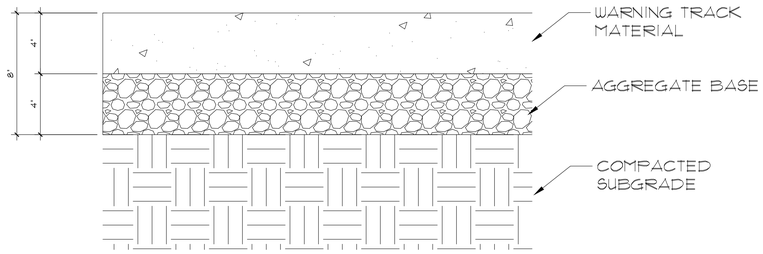
DRAWING INFORMATION:
PEJS STADIUM
PLAYING FIELD DRAINAGE PLAN

DATE: 05-08-2020
DRAWN BY: STAFF

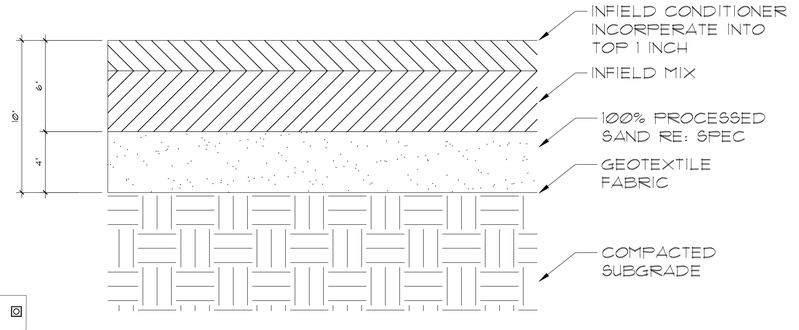
SHEET NUMBER:
PF3.00



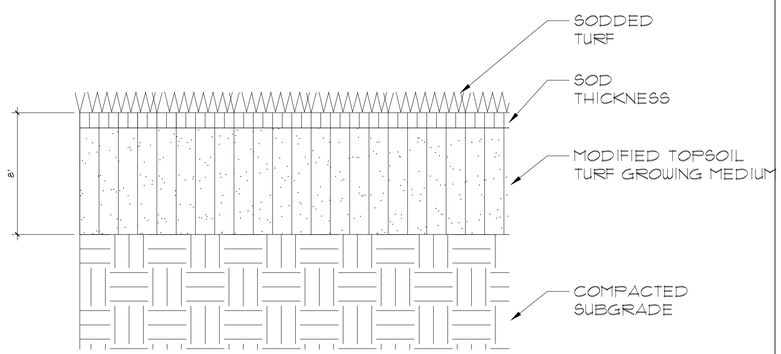
PF 4.01 TM FIELD LAYOUT PLAN
1/16" = 1'-0"



PF 4.01-C NATURAL TURF PROFILE
3" = 1'-0"



PF 4.01-B NATURAL TURF PROFILE
3" = 1'-0"



PF 4.01- A NATURAL TURF PROFILE
3" = 1'-0"

PLAYING FIELD LEGEND

NATURAL TURF
PROFILE RE: A
THIS SHEET

INFIELD
SKINNED AREA
PROFILE RE: B
THIS SHEET

WARNING TRACK
PROFILE RE: C
THIS SHEET

PLAYING FIELD NOTES

1. RE: ARCH. DRAWINGS FOR OUTFILED FENCE, PADS,AND STADIUM WALL LAYOUT AND NOTES.

2. RE:PF4-02 FOR ADDITIONAL INFORMATION CONCERNING INFIELD AND BASE LAYOUT

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4. ROOT ZONE MIX TO BE BLENDED OFF-SITE. DELIVERY AND STORAGE OF APPROVED MIX ON-SITE TO BE COORDINATED WITH THE CONSTRUCTION MANAGER

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REGISTERED ARCHITECT
STEVEN E. HUTCHINS
A-0454
U.S. VIRGIN ISLANDS

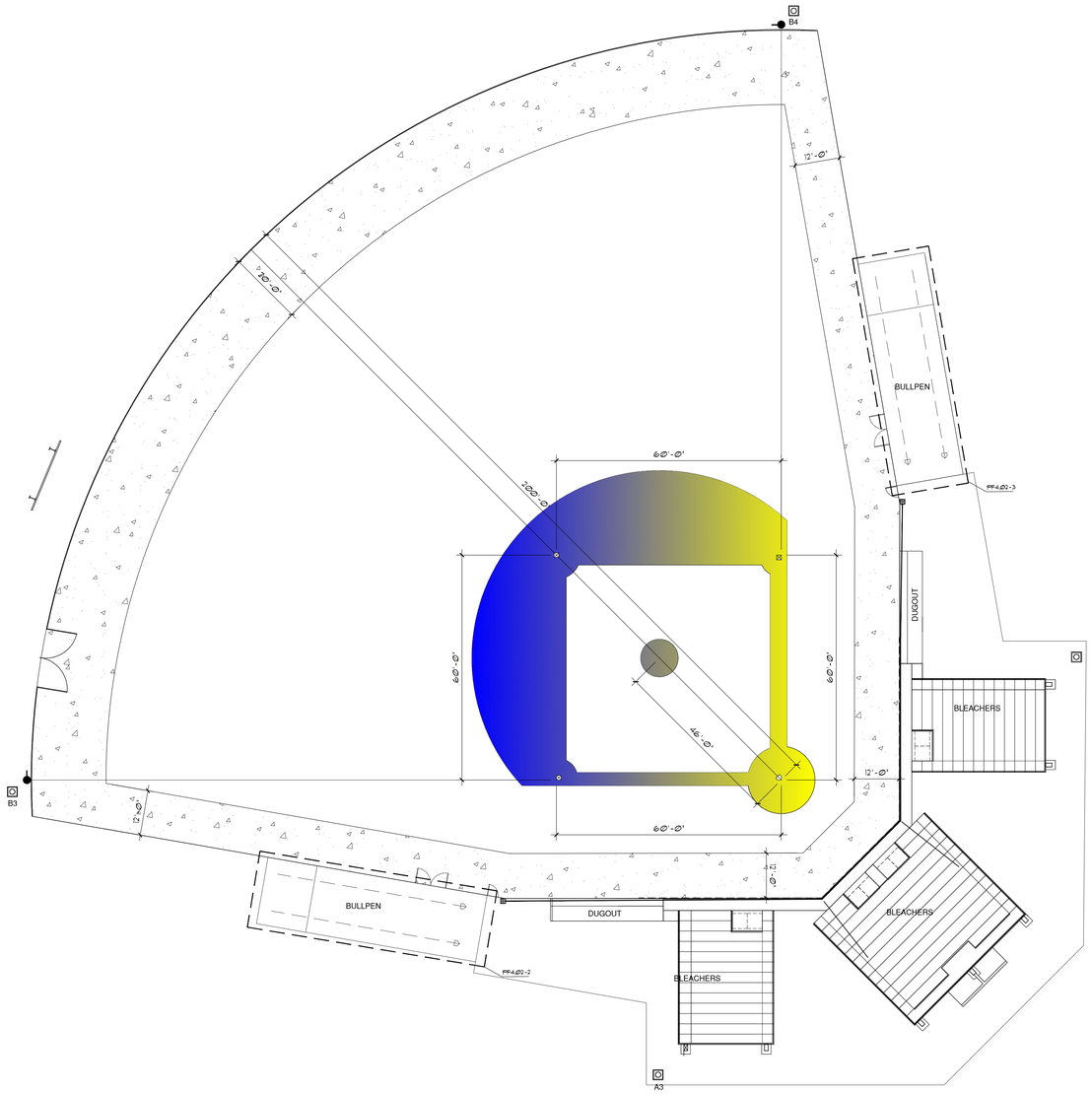
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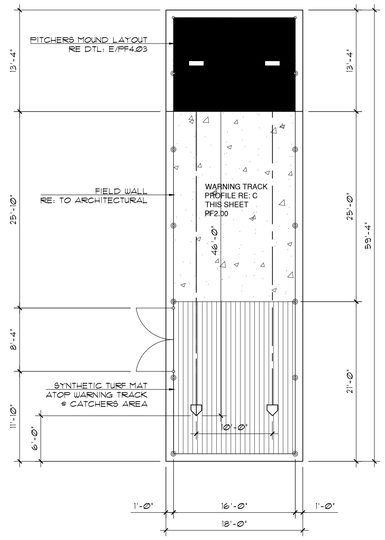
DRAWING INFORMATION:
TERRENCE MARTIN FIELD
LAYOUT PLANS AND PROFILES

DATE: 05-08-2020
DRAWN BY: STAFF

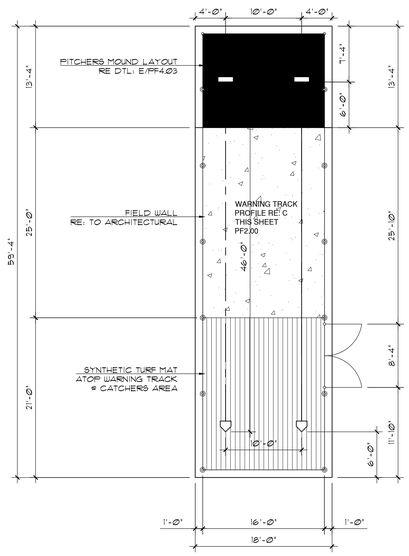
SHEET NUMBER:
PF4.01



PF 4.02-1 TM FIELD LAYOUT PLAN
1/16"=1'-0"



PF 4.02-3 TM FIELD BULLPEN LAYOUT (RIGHT FIELD)
1/8"=1'-0"



PF 4.02-2 TM FIELD BULLPEN LAYOUT (LEFT FIELD)
1/8"=1'-0"

PLAYING FIELD LEGEND

NATURAL TURF
PROFILE RE: A
THIS SHEET

INFIELD
SKINNED AREA
PROFILE RE: B
THIS SHEET

WARNING TRACK
PROFILE RE: C
THIS SHEET

PLAYING FIELD NOTES

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REGISTERED ARCHITECT
STEVEN E. HUTCHINS
A-0454
U.S. VIRGIN ISLANDS

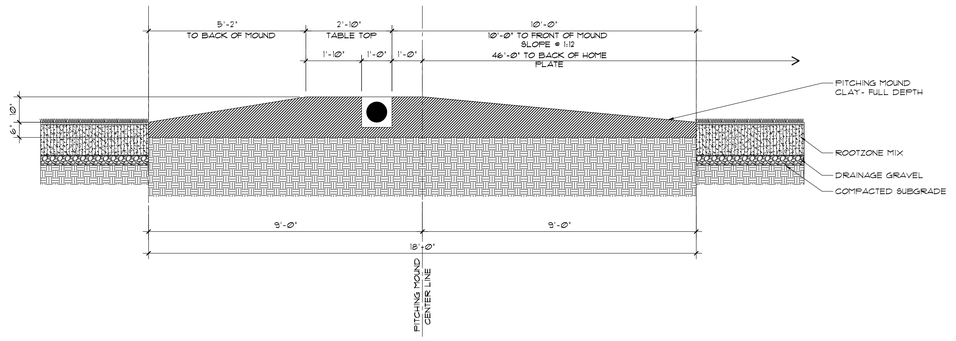
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
TERRENCE MARTIN FIELD
INFIELD AND BULLPEN LAYOUT PLANS

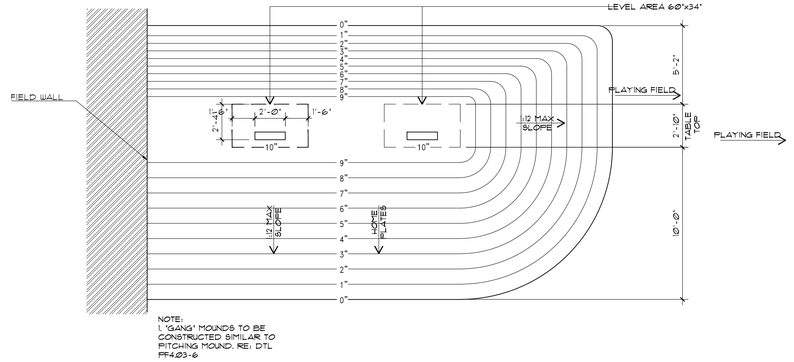
DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
PF4.02



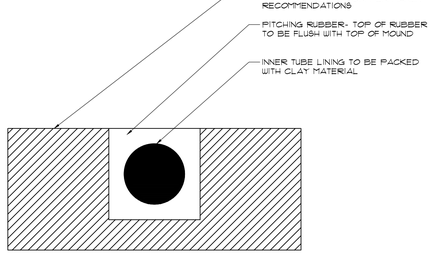
PF 4.03-7 PITCHERS MOUND

1- 1/2"=1'-0"



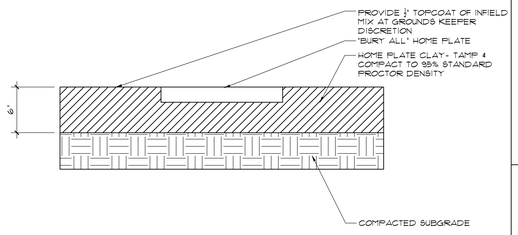
PF 4.03-6 ON FIELD GANG MOUND DETAIL

1- 1/2"=1'-0"



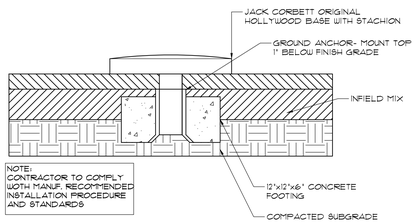
PF 4.03-5 PITCHING RUBBER INSTALLATION

1-1/2"=1'-0"



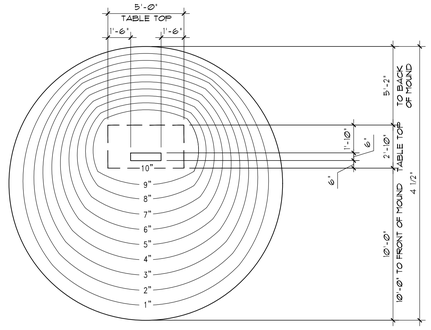
PF 4.03-4 HOME PLATE INSTALLATION

1-1/2"=1'-0"



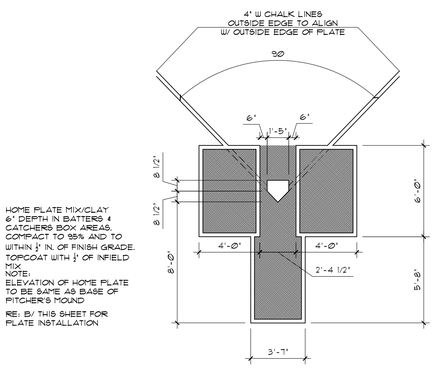
PF 4.03-3 BASE INSTALLATION

1- 1/2"=1'-0"



PF 4.03-2 PITCHERS MOUND- PLAN VIEW

1/4"=1'-0"



PF 4.03-1 TM FIELD BULLPEN LAYOUT (LEFT FIELD)

1/4"=1'-0"

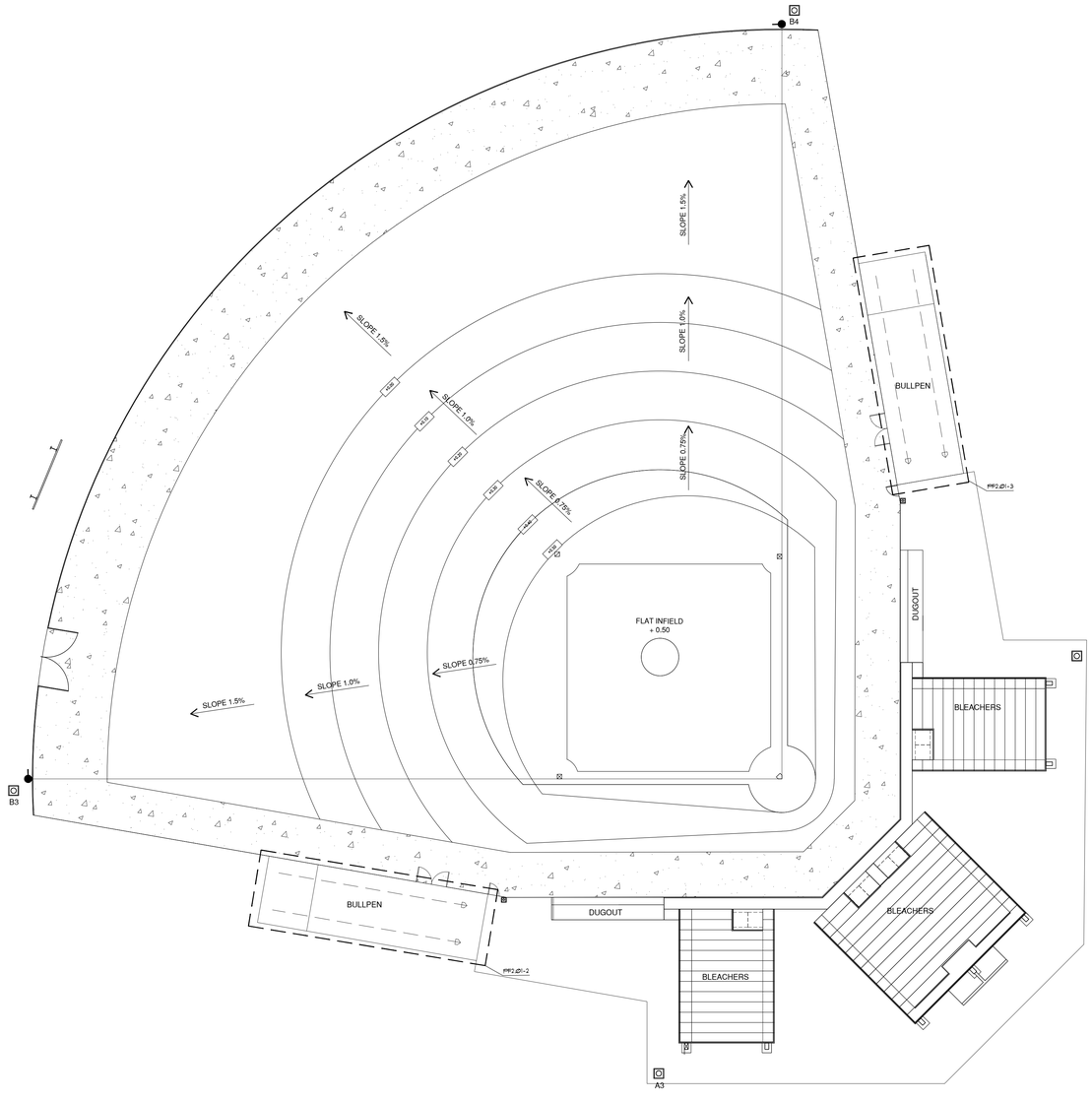
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
TERRENCE MARTIN FIELD
PLAYING FIELD LAYOUT DETAILS

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
PF4.03



PF 5.00 TM FIELD GRADING PLAN

1/16" = 1'-0"

PLAYING FIELD LEGEND

NATURAL TURF
PROFILE RE: A
THIS SHEET

INFIELD
SKINNED AREA
PROFILE RE: B
THIS SHEET

WARNING TRACK
PROFILE RE: C
THIS SHEET

300 — PROPOSED MAJOR CONTOUR

301 — PROPOSED MINOR CONTOUR

PLAYING FIELD NOTES

1. RE: ARCH. DRAWINGS FOR STADIUM WALL LAYOUT AND MATERIAL NOTES.

2. GRADE FIELD TO A SMOOTH EVEN PLAYING SURFACE TO THE SPOT ELEVATIONS AND CONTOUR INDICATED.

3. CONTOUR INTERVAL IS ON- TENTH FOOT. UNLESS OTHERWISE INDICATED.

4. CONTOURS ARE +/- ELEVATIONS FROM THE FIELD BASE ELEVATION PF XXX.XX

REGISTERED ARCHITECT
STEVEN E. HUTCHINS
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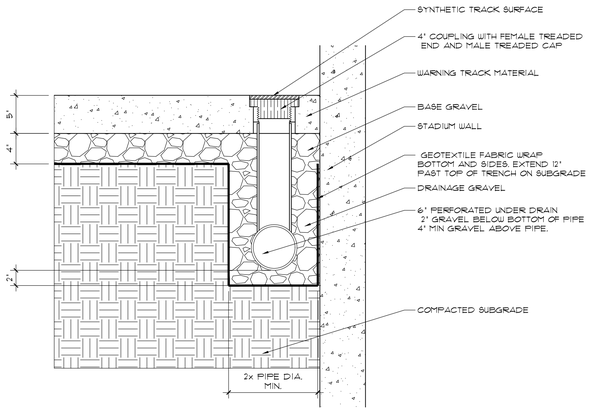
PROJECT:
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DRAWING INFORMATION:
TERRENCE MARTIN FIELD
PLAYING FIELD GRADING PLAN

DATE: 05-08-2020
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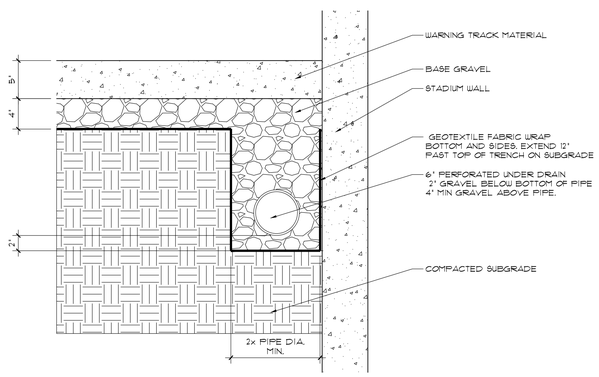
SHEET NUMBER:

PF5.00



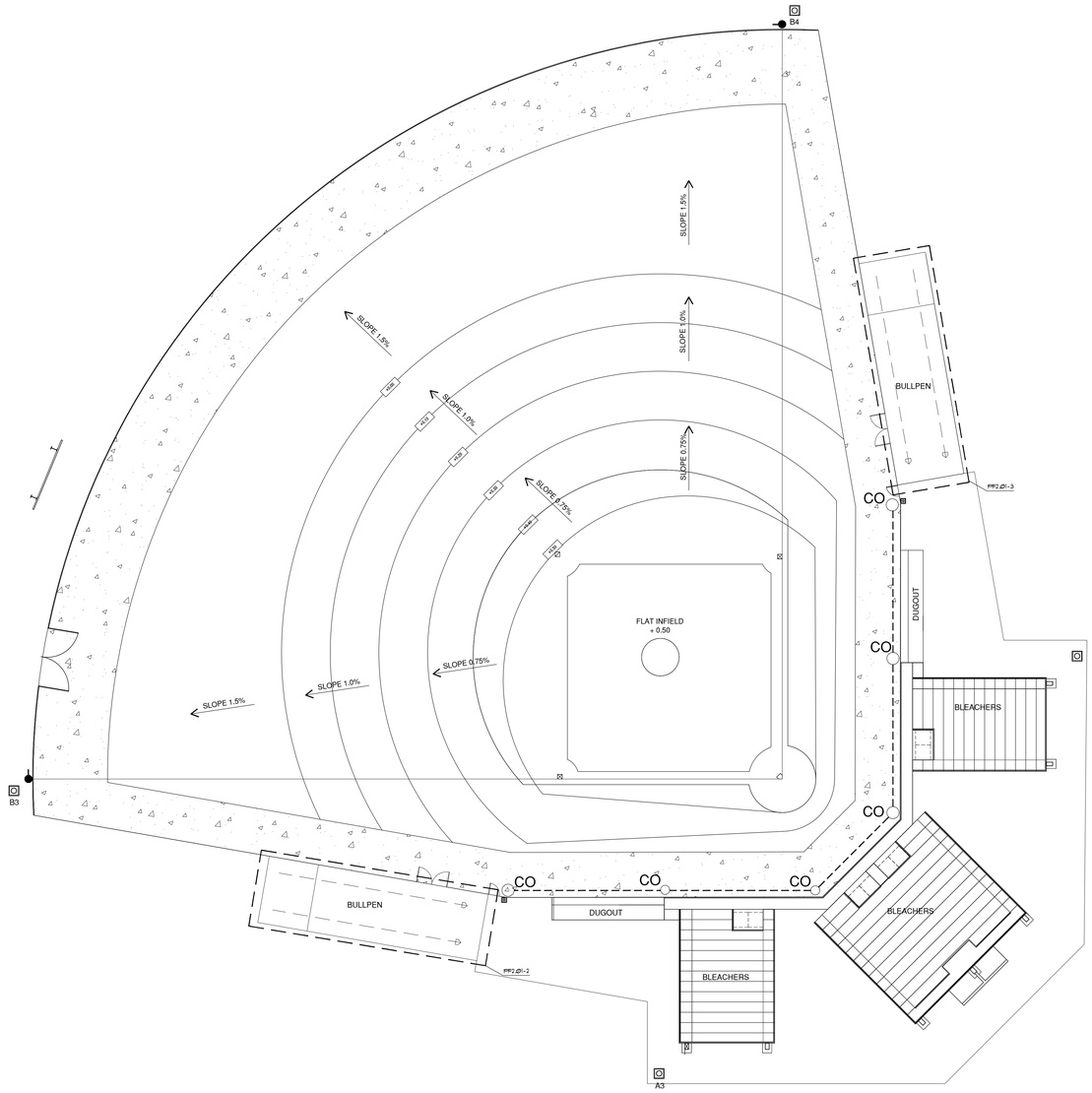
PF 6.00-3 TM FIELD PERIMETER WALL DRAIN CLEAN OUT

1/16"=1'-0"



PF 6.00-2 TM FIELD PERIMETER WALL DRAIN

1/16"=1'-0"



PF 6.00-1 TM FIELD GRADING PLAN

1/16"=1'-0"

PLAYING FIELD LEGEND

NATURAL TURF
PROFILE RE: A
THIS SHEET

INFIELD
SKINNED AREA
PROFILE RE: B
THIS SHEET

WARNING TRACK
PROFILE RE: C
THIS SHEET

300 — PROPOSED MAJOR CONTOUR

301 — PROPOSED MINOR CONTOUR

6" PERFORATED COLLECTOR
PIPE RE: PF4.00-2

CO — COLLECTOR CLEANOUT
PIPE RE: PF4.00-3

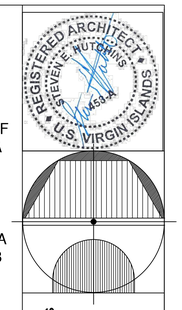
PLAYING FIELD NOTES

1. CONTRACTOR TO AVOID EXCESSIVE TRAFFIC OVER COMPLETED DRAINAGE SYSTEM TO AVOID CRUSHING OF THE PIPES.

2. CONTRACTOR TO PROVIDE PROOF OF POSITIVE DRAINAGE PRIOR TO BACKFILLING OF PIPE.

3. LATERAL PIPING SHALL HAVE A MINIMUM SLOPE OF 0.5%

4. PERIMETER COLLECTOR TO HAVE A MINIMUM SLOPE OF 0.5%



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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
TERRENCE MARTIN FIELD
PLAYING FIELD DRAINAGE PLAN

DATE: 05-08-2020
DRAWN BY: STAFF

SHEET NUMBER:
PF6.00

STRUCTURAL ABBREVIATIONS

#	NUMBER OR POUND
Ø	ROUND OR DIAMETER
□	SQUARE
&	AND
@	AT
ALUM	ALUMINUM
AR	ANCHOR ROD
ARCH	ARCHITECTURE
ASSY	ASSEMBLY
B/	BOTTOM OF
BETWN	BETWEEN
BOT	BOTTOM
BM	BEAM
BLDG	BUILDING
BPL	BASE PLATE
BRG	BEARING
C TO C	CENTER TO CENTER
CANT	CANTILEVER
CJ	CONSTRUCTION JOINT
CL	CENTER LINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTION
CTR	CENTER
CTRD	CENTERED
DBA	DEFORMED BAR ANCHOR
DEFL	DEFLECTION
DET	DETAIL
DIAG	DIAGONAL
DIA	DIAMETER
DIFF	DIFFERENT
DIM	DIMENSION
DO	DITTO
DWG	DRAWING
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENGR	ENGINEER
EQ	EQUAL
EQUIP	EQUIPMENT
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
EW	EACH WAY
FB	FLAT BAR
FD	FLOOR DRAIN
FDN	FOUNDATION
FF	FINISH FLOOR
FLR	FLOOR
FS	FAR SIDE
FTG	FOOTING
GA	GAGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GT	GIRDER TRUSS
HGT	HEIGHT
HORIZ	HORIZONTAL
HSA	HEADED STUD ANCHOR
HT	HEIGHT
IF	INSIDE FACE
INFO	INFORMATION
INT	INTERIOR
JNT	JOINT
JST	JOIST
LB	POUND
LG	LONG
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LSH	LONG SIDE HORIZONTAL
LSV	LONG SIDE VERTICAL
MANUF	MANUFACTURER
MAT'L	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
MISC	MISCELLANEOUS
NIC	NOT IN CONTRACT
NO	NUMBER
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
O/O	OUT TO OUT
OPNG	OPENING
OPP	OPPOSITE
PERP	PERPENDICULAR
PL	PLATE
PNL	PANEL
PREFAB	PREFABRICATED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
R OR RAD	RADIUS
RD	ROUND
REF	REFERENCE
REINF	REINFORCE(MENT)
REQ	REQUIRE
REQ'D	REQUIRED
RET	RETAINING
REV	REVISION
SCHED	SCHEDULE
SECT	SECTION
SIM	SIMILAR
SPA	SPACE
SPEC	SPECIFICATION
SQ	SQUARE
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STR	STRAIGHT
STRUCT	STRUCTURAL
SYM	SYMMETRICAL
T&B	TOP & BOTTOM
T/	TOP OF
T/U PANEL	TILT-UP PANEL
TE	THICKENED EDGE
THK	THICK
THRD	THREADED
TRANSV	TRANSVERSE
TS	THICKENED SLAB
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VER	VERIFY
VERT	VERTICAL
W/	WITH
W/O	WITHOUT
WP	WORK POINT
WS	WATERSTOP
WWF	WELDED WIRE FABRIC

GENERAL SYMBOLS

PLAN, SECTION OR DETAIL NO. / SHEET NUMBER	
N	NORTH ARROW
1	KEYED NOTE TO PLAN
1	FOUNDATION TYPE
1	REVISION NUMBER
$	FOOTING STEP

DESIGN CRITERIA

DESIGN PER 2018 INTERNATIONAL BUILDING CODE, UNLESS OTHERWISE NOTED.

LIVE LOADS:

ROOFS AND CANOPIES: (REDUCIBLE)	20 PSF
STAIRS & SEATING AREA STEPPED AISLES	100 PSF
CONCOURSE	100 PSF
BLEACHER SEATING	100 PSF

DEAD LOADS: (SUPERIMPOSED NOT INCLUDING STRUCTURE SELF WEIGHT)

FLOOR	20 PSF
ROOFS	15 PSF

WIND LOADS:

ULTIMATE WIND SPEED: (ASCE 7-16)	175 MPH
NOMINAL WIND SPEED:	136 MPH
MEAN ROOF HEIGHT	30 FT
RISK CATEGORY	III
WIND EXPOSURE	D
ENCLOSURE CLASSIFICATION	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	± 0.18
DIRECTIONALITY FACTOR (Kd)	0.85
SHAPE FACTORS	PER CODE

THIS BUILDING IS LOCATED IN THE WIND BORNE DEBRIS REGION. IMPACT RESISTANT GLAZING IS REQUIRED.

SEISMIC:

IMPORTANCE FACTOR, I	1.25
SEISMIC USE GROUP	III
MAPPED SPECTRAL RESPONSE ACCELERATION, Ss	0.900
MAPPED SPECTRAL RESPONSE ACCELERATION, S1	0.320
SITE CLASS	E
SPECTRAL RESPONSE COEFFICIENT, Sds	0.612
SPECTRAL RESPONSE COEFFICIENT, Sd1	0.580
SEISMIC DESIGN CATEGORY	D
BASIC STRUCTURAL SYSTEM	BEARING WALL
SEISMIC RESISTING SYSTEM	SPECIAL REINFORCED CONCRETE SHEAR WALLS
RESPONSE MODIFICATION FACTOR, R	6
ANALYSIS PROCEDURE	EQUIV LATERAL FORCE
SEISMIC RESPONSE COEFFICIENT, Cs	0.128
DESIGN BASE SHEAR, V	0.128W

COASTAL AND FLOOD LOADS:

IN ACCORDANCE WITH DIRECTION GIVEN, OUR CURRENT DESIGN DISREGARDS POTENTIAL IMPACT FROM THE EFFECTS OF A SIGNIFICANT STORM OR FLOOD EVENT. THE IMPACT FROM FLOOD LOADS, SCOUR, EROSION AND WAVE ACTION HAVE NOT BEEN CONSIDERED IN OUR PRESENT DESIGN. OUR CURRENT DESIGN WILL BE ADJUSTED AS REQUIRED, IF NECESSARY, IN ORDER TO ACCOMMODATE THESE EFFECTS, BASED ON THE EVALUATION AND RECOMMENDATIONS OF THE PROJECT'S COASTAL DESIGN ENGINEER. THE CHANGES TO OUR CURRENT DESIGN MAY BE SIGNIFICANT.

CONCRETE (DESIGN PER CURRENT EDITION ACI 318)

MAT FOUNDATION	F'C= 4000 PSI
FOOTINGS/PILE CAPS	F'C= 4000 PSI
COLUMNS, WALLS & FLOOR FRAMING	F'C= 5000 PSI
PILES	F'C= 5000 PSI
ALL OTHER CONCRETE	F'C= 4000 PSI

ALL REINFORCING STEEL ASTM A615 GRADE 60. REINFORCING STEEL SHOWN ON THESE DRAWINGS TO BE WELDED SHALL BE ASTM A706 AND WELDING SHALL BE IN ACCORDANCE WITH AWS D1.4.

WELDED WIRE FABRIC ASTM A185

CONCRETE MASONRY (DESIGN PER CURRENT EDITION ACI 530)

COMPRESSIVE STRENGTH	F'M= 1500 PSI

STRUCTURAL STEEL (DESIGN PER CURRENT EDITION AISC), UNLESS OTHERWISE NOTED (UON) MATERIALS SHALL BE AS FOLLOWS:

W-SHAPES	ASTM 992, Fy=50 KSI
OTHER SHAPES & PLATES	ASTM A36, Fy=36 KSI
HSS SQUARE & RECTANGULAR SHAPES	ASTM A500 GRADE B, Fy=46 KSI
HSS ROUND SHAPES	ASTM A500 GRADE B, Fy=42 KSI
STEEL PIPES	ASTM A53 GRADE B, Fy=35 KSI
WELDING ELECTRODES	AWS A5.1 OR A5.5 SERIES E70
HIGH-STRENGTH BOLTS	⅞ø ASTM A325
ANCHOR RODS	GRADE 36 ASTM F1554
WELDED STUDS	ASTM A108
DEFORMED BARS	ASTM A496
WELDABLE BARS	ASTM A706
PAINT & PROTECTION	SSPC PAINT 25

SOIL BEARING (DESIGN MAXIMUM) 3500 PSF

PILE CAPACITY (DESIGN MAXIMUM BASED ON 85'-0" MINIMUM EMBEDMENT):

STEEL PILE DIAMETER	PILE BEARING	PILE TENSION (KIPS)	PILE LATERAL (KIPS)
16"	160 KIPS	80 KIPS	10 KIPS

OUR CURRENT FOUNDATION DESIGN IS BASED ON THE PILE DATA OUTLINED ABOVE. THESE VALUES ARE TAKEN FROM THE PROJECT'S PIPE PILE ANALYSIS REPORT, PREPARED BY VITEST ENGINEERS, DATED DECEMBER 12, 2018. OUR CURRENT FOUNDATION DESIGN WILL BE MODIFIED AS REQUIRED, IF NECESSARY, TO INCORPORATE THE RECOMMENDATIONS OF THE PROJECT'S FINAL GEOTECHNICAL REPORT. THE FINAL REPORT SHALL SPECIFICALLY REFLECT THE FINAL LOCATION OF THE STRUCTURES ON THE SITE, THE IMPACT OF THE PROXIMITY OF THE EXISTING FLOODWAY, INCLUDING ANY PROPOSED MODIFICATIONS TO THE FLOODWAY, THE IMPACT OF THE POTENTIAL LIQUEFACITON OF THE SOILS DURING A SEISMIC EVENT AND THE IMPACT OF THE DOWNDRAG DUE TO THE SOIL'S LIQUEFACTION ON THE PILE CAPACITY, AS WELL AS ANY OTHER SITE-SPECIFIC PARAMETERS THAT IMPACT THE FOUNDATIONS OF THE PROJECT. THE CHANGES TO OUR CURRENT DESIGN MAY BE SIGNIFICANT.

GENERAL NOTES

CONCRETE

UNLESS OTHERWISE NOTED (UON) ON THE DRAWINGS, MINIMUM COVER FOR REINFORCING SHALL BE AS FOLLOWS:

FOOTINGS	3"
PILE CAPS	SEE TYPICAL DETAIL
GRADE BEAMS	3"
COLUMNS AND PEDESTALS (OVER VERTICAL REINF)	2"
SLABS AND WALLS (EXPOSED TO EARTH, LIQUID OR WEATHER)	2"
SLABS AND WALLS (NOT EXPOSED TO EARTH, LIQUID OR WEATHER)	¾"
CANOPY SLABS	1½"
BEAMS (OVER MAIN REINFORCING)	1½"
SLABS ON GRADE	2" FROM TOP

ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES IN CONFORMANCE WITH CRSI MANUAL OF STANDARD PRACTICE AND ACI 315 DURING THE PLACING OF THE CONCRETE.

UNLESS OTHERWISE NOTED, SPLICES IN REINFORCING, WHERE PERMITTED, SHALL BE AS FOLLOWS:

WELDED WIRE FABRIC	WIRE SPACING PLUS 6"
REINFORCING BARS	SEE 3/S4.11

ALL HOOKS IN REINFORCING BARS SHALL BE AN ACI STANDARD HOOK, UNLESS OTHERWISE NOTED.

FOR CONCRETE BEAMS WHERE TIE PLACEMENT EXCEEDS LENGTH OF TOP BARS, PROVIDE #4 BARS IN EACH CORNER OF TIES.

WHERE MAIN REINFORCING IN ONE SLAB RUNS PERPENDICULAR TO MAIN REINFORCING IN ADJACENT SLAB, EXTEND TOP BARS 3'-0" INTO THE ADJACENT SLAB.

PROVIDE #3x3'-0" LONG BARS HOOKED ON ONE END AT 12" OC IN TOP OF ALL BEAMS OR WALLS WHERE MAIN REINFORCING RUNS PARALLEL TO BEAM OR WALL AND THERE IS NO SLAB ON THE OTHER SIDE OF THE BEAM OR WALL.

PROVIDE #3x6'-0" LONG BARS AT TOP BAR SPACING IN TOP OF ALL SLABS OVER ALL BEAMS OR WALLS WHERE MAIN REINFORCING RUNS PARALLEL TO BEAM OR WALL ON BOTH SIDES.

DOWELS FROM FOUNDATIONS OR SLABS TO WALLS SHALL MATCH WALL REINFORCING, UNLESS OTHERWISE NOTED. DOWELS SHALL BE PLACED BEFORE CONCRETE IS POURED. THEY SHALL NOT BE PUSHED INTO THE CONCRETE.

PROVIDE 3/4" CHAMFER AT ALL EXPOSED CORNERS OF BEAMS, WALL, ETC.

SPLICES IN TOP REINFORCING SHALL BE MADE AT MID-SPAN, UNLESS OTHERWISE NOTED.

SPLICES IN BOTTOM REINFORCING SHALL BE MADE OVER SUPPORTS, UNLESS OTHERWISE SHOWN OR NOTED.

PRIOR TO CONSTRUCTION, CONCRETE WALL ELEVATION DRAWINGS SHALL BE SUBMITTED FOR REVIEW WITH A MINIMUM SCALE OF 1/8" = 1'-0". WALL ELEVATIONS SHALL INDICATE LOCATIONS OF STEEL EMBEDS, BEARING POCKETS, AND WALL OPENINGS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF STEEL EMBEDS, BEARING POCKETS, AND WALL OPENINGS WITH THE CONCRETE REINFORCEMENT DRAWINGS.

FASTENERS

EXPANSION BOLTS SHALL BE HILTI KWIK BOLT 3, SIMPSON STRONG-TIE STRONG-BOLT2 OR APPROVED EQUAL, UON. EMBEDMENT DEPTH INTO CONCRETE OR SOLID GROUTED MASONRY SHALL BE AT LEAST 7 TIMES THE BOLT DIAMETER. CLEAN HOLE AND INSTALL PER MANUFACTURER'S PRINTED INSTRUCTIONS.

SCREW ANCHORS SHALL BE HILTI KWIK HUS-EZ, SIMPSON STRONG-TIE TITEN HD OR APPROVED EQUAL, UON. EMBEDMENT IN CONCRETE OR SOLID GROUTED MASONRY SHALL BE AT LEAST 9 TIMES THE BOLT DIAMETER. CLEAN HOLE AND INSTALL PER MANUFACTURER'S PRINTED INSTRUCTIONS.

POWER ACTUATED FASTENERS (PAF) SHALL BE 0.157" DIAMETER HILTI X-U, SIMPSON STRONG-TIE PDPA OR EQUAL, UON. EMBED MIN 1-1/4" INTO CONCRETE AND CMU. DO NOT PLACE WITHIN 1" OF CMU MORTAR JOINT. PAF SHALL COMPLETELY PENETRATE STRUCTURAL STEEL.

ADHESIVE ANCHORING (EPOXY)

- ADHESIVE ANCHORING FOR CONCRETE SHALL BE HILTI HIT-HY 200 CARTRIDGE SYSTEM, SIMPSON STRONG-TIE AT-XP OR APPROVED EQUAL, UON. EMBEDMENT DEPTH SHALL BE AT LEAST 12 TIMES THE INSERT DIAMETER, UON. HOLE DIAMETER SHALL BE NO GREATER THAN RECOMMENDED BY MANUFACTURER. THE HOLE SHALL BE CLEANED PER MANUFACTURER'S RECOMMENDATIONS BY BRUSHING OUT WITH WIRE BOTTLE BRUSH AND BLOWN OUT WITH AIR USING A COMPRESSOR WITH A FUNCTIONAL OIL TRAP (EXCEPT WHERE PERMITTED WHEN USING A HILTI SAFE SET HIT Z ANCHOR ROD OR HILTI HOLLOW DRILL BIT W/ VACUUM).
- ADHESIVE ANCHORING FOR MASONRY SHALL BE HILTI HIT-HY 70 CARTRIDGE SYSTEM OR APPROVED EQUAL, UON. EMBEDMENT DEPTH INTO SOLID GROUTED MASONRY SHALL BE AT LEAST 9 TIMES THE INSERT DIAMETER, UON. HOLE DIAMETER SHALL BE NO GREATER THAN RECOMMENDED BY MANUFACTURER. HOLES SHALL NOT BE PLACED WITHIN 1" OF A VERTICAL MORTAR JOINT. CLEAN HOLE IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.
- GENERAL – ANCHORS SHALL MEET THE REQUIREMENTS OF ACI 355.4. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND PERFORMED BY AN INSTALLER TRAINED BY THE MANUFACTURER. INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY WHICH SUPPORT SUSTAINED TENSION LOADS SHALL BE PERFORMED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER IN ACCORDANCE WITH ACI318 APPENDIX D AND CONTINUOUSLY INSPECTED PER ACI318.
- CAPACITIES – UON, DESIGN BOND STRENGTH OF ANCHORS HAVE BEEN BASED ON CRACKED CONCRETE, ACI 355.4 TEMPERATURE CATEGORY B, AND INSTALLATIONS INTO DRY HOLES DRILLED WITH A ROTARY IMPACT DRILL OR ROCK DRILL INTO CONCRETE THAT HAS CURED AT LEAST 21 DAYS AND HAS A CONCRETE TEMPERATURE OF AT LEAST 50 DEGREES F AT TIME OF ANCHOR INSTALLATION.

SUPPLEMENTARY NOTES

PROVIDE ALL TEMPORARY BRACING, SHORING, GUYING OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION. THE STRUCTURE SHOULD NOT BE CONSIDERED STABLE UNTIL ALL STRUCTURAL ELEMENTS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

MCVEIGH & MANGUM ENGINEERING, INC OR ANY OF ITS EMPLOYEES SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES OR SEQUENCES FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR OR ANY OTHER PERSONS PERFORMING THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

VISUAL OBSERVATIONS OF THE STRUCTURAL SYSTEM BY MCVEIGH & MANGUM ENGINEERING FOR GENERAL CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS DOES NOT INCLUDE OR WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED BY THE INTERNATIONAL BUILDING CODE.

VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN SEE ARCHITECTURAL DRAWINGS.

SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS.

ALL STRUCTURAL OPENINGS AROUND OR AFFECTED BY MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT SHALL BE VERIFIED WITH EQUIPMENT PURCHASED BEFORE PROCEEDING WITH STRUCTURAL WORK AFFECTED.

CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS OF EXISTING STRUCTURE AND SITES THAT ARE AFFECTED BY NEW WORK BEFORE PROCEEDING WITH FABRICATION AND CONSTRUCTION.

SHOP DRAWINGS AND SUBMITTALS

SHOP DRAWING SUBMITTALS ARE ONLY REVIEWED FOR GENERAL CONFORMANCE WITH THE INFORMATION SHOWN ON THE CONSTRUCTION DOCUMENTS. THE GENERAL CONTRACTOR MUST REVIEW AND APPROVE THE SHOP DRAWINGS PRIOR TO THEIR SUBMITTAL TO THE ARCHITECT. SUBMITTALS WHICH DO NOT CONTAIN THE CONTRACTOR'S SHOP DRAWING STAMP SHALL BE RETURNED WITHOUT REVIEW. ANY REQUESTED CHANGES TO THE CONTRACT DOCUMENTS SHALL BE COMMUNICATED IN WRITING PRIOR TO SUBMITTING THE SHOP DRAWINGS AND CLOUDED ON THE SHOP DRAWINGS.

COMPLETE SHOP DRAWINGS FOR CONSTRUCTION OF EACH BUILDING COMPONENT NOT DESIGNED BY THE DESIGN TEAM OF RECORD AND NOT SPECIFIED ON THE PROJECT CONSTRUCTION DOCUMENTS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT AND SHALL BE AVAILABLE AT THE JOB SITE DURING TIMES OF INSPECTION.

SOME STRUCTURAL SYSTEMS ARE DEFINED AS VENDOR-DESIGNED COMPONENTS PER THE STRUCTURAL DOCUMENTS. THESE ELEMENTS OF THE DESIGN ARE DEFERRED SUBMITTAL COMPONENTS AND HAVE NOT BEEN PERMITTED UNDER THE BASE BUILDING APPLICATION. VENDOR-DESIGNED COMPONENT SHOP DRAWINGS SHALL BE APPROVED BY THE COMPONENT DESIGNER ENGINEER PRIOR TO CURSORY REVIEW BY THE ENGINEER OF RECORD FOR LOADS IMPOSED ON THE BASE STRUCTURE. THE COMPONENT DESIGNER IS RESPONSIBLE FOR CODE CONFORMANCE AND ALL NECESSARY CONNECTIONS NOT SPECIFICALLY CALLED OUT ON ARCHITECTURAL OR STRUCTURAL DRAWINGS. SHOP DRAWINGS SHALL INDICATE MAGNITUDE AND DIRECTION OF ALL LOADS IMPOSED ON BASIC STRUCTURE. THE CONTRACTOR SHALL SUBMIT THE STAMPED COMPONENT SYSTEM DOCUMENTS TO THE BUILDING OFFICIAL FOR APPROVAL.

SPECIFICATIONS

CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301. "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (LATEST EDITION). EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL EMPLOY AND PAY AN INDEPENDENT TESTING LABORATORY TO PERFORM CONCRETE TESTING.

FOOTING AND SLAB SUBGRADE PREPARATION SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS OF THE GEOTECHNICAL REPORT FOR THE PROJECT PREPARED BY VITEST ENGINEERS (DATED DECEMBER 12, 2018), AND SHALL BE IN COMPLIANCE WITH APPLICABLE REQUIREMENTS OF GOVERNING AUTHORITIES HAVING JURISDICTION.

OUR CURRENT FOUNDATION DESIGN IS BASED ON THE PILE DATA OUTLINED ABOVE. THESE VALUES ARE TAKEN FROM THE PROJECT'S PIPE PILE ANALYSIS REPORT, PREPARED BY VITEST ENGINEERS, DATED DECEMBER 12, 2018. OUR CURRENT FOUNDATION DESIGN WILL BE MODIFIED AS REQUIRED, IF NECESSARY, TO INCORPORATE THE RECOMMENDATIONS OF THE PROJECT'S FINAL GEOTECHNICAL REPORT. THE FINAL REPORT SHALL SPECIFICALLY REFLECT THE FINAL LOCATION OF THE STRUCTURES ON THE SITE, THE IMPACT OF THE PROXIMITY OF THE EXISTING FLOODWAY, INCLUDING ANY PROPOSED MODIFICATIONS TO THE FLOODWAY, THE IMPACT OF THE POTENTIAL LIQUEFACITON OF THE SOILS DURING A SEISMIC EVENT AND THE IMPACT OF THE DOWNDRAG DUE TO THE SOIL'S LIQUEFACTION ON THE PILE CAPACITY, AS WELL AS ANY OTHER SITE-SPECIFIC PARAMETERS THAT IMPACT THE FOUNDATIONS OF THE PROJECT. THE CHANGES TO OUR CURRENT DESIGN MAY BE SIGNIFICANT.

PRE-ENGINEERED STRUCTURE

PRE-ENGINEERED BLEACHER AND CANOPY STRUCTURE BY BLEACHER AND CANOPY SUPPLIER REQUIRE SIGNED AND SEALED DESIGN DRAWINGS AND CALCULATIONS BY A LICENSED PROFESSIONAL ENGINEER FOR REVIEW AND APPROVAL BY THE PROJECT ENGINEER OF RECORD.

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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
DESIGN CRITERIA AND
GENERAL NOTES

DATE: 02-19-20
DRAWN BY: SGF

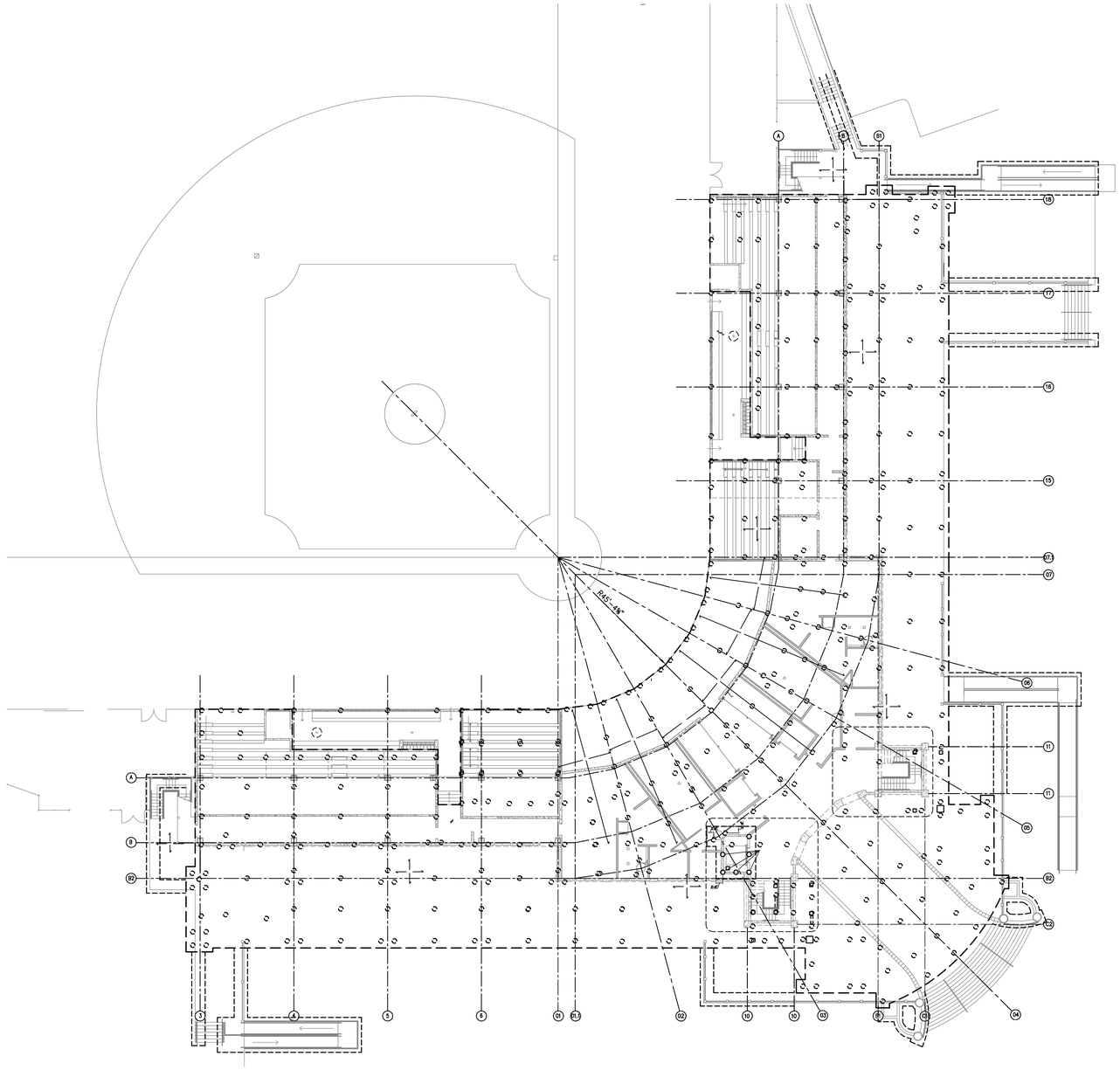
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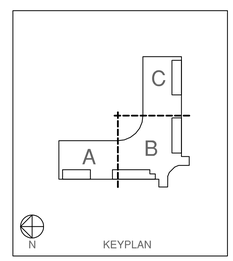
1 / S1.11 FIELD LEVEL OVERALL FRAMING/FOUNDATION PLAN

SCALE: 1/16" = 1'-0"

PLAN NOTES:

1. SEE SHEET S1.12 FOR FOUNDATION NOTES

PRIOR TO CONSTRUCTION, GENERAL CONTRACTOR MUST VERIFY THAT THE BUILDING & FOUNDATION DESIGN CONFORMS W/ ALL APPLICABLE CODES FOR COASTAL FLOODING.



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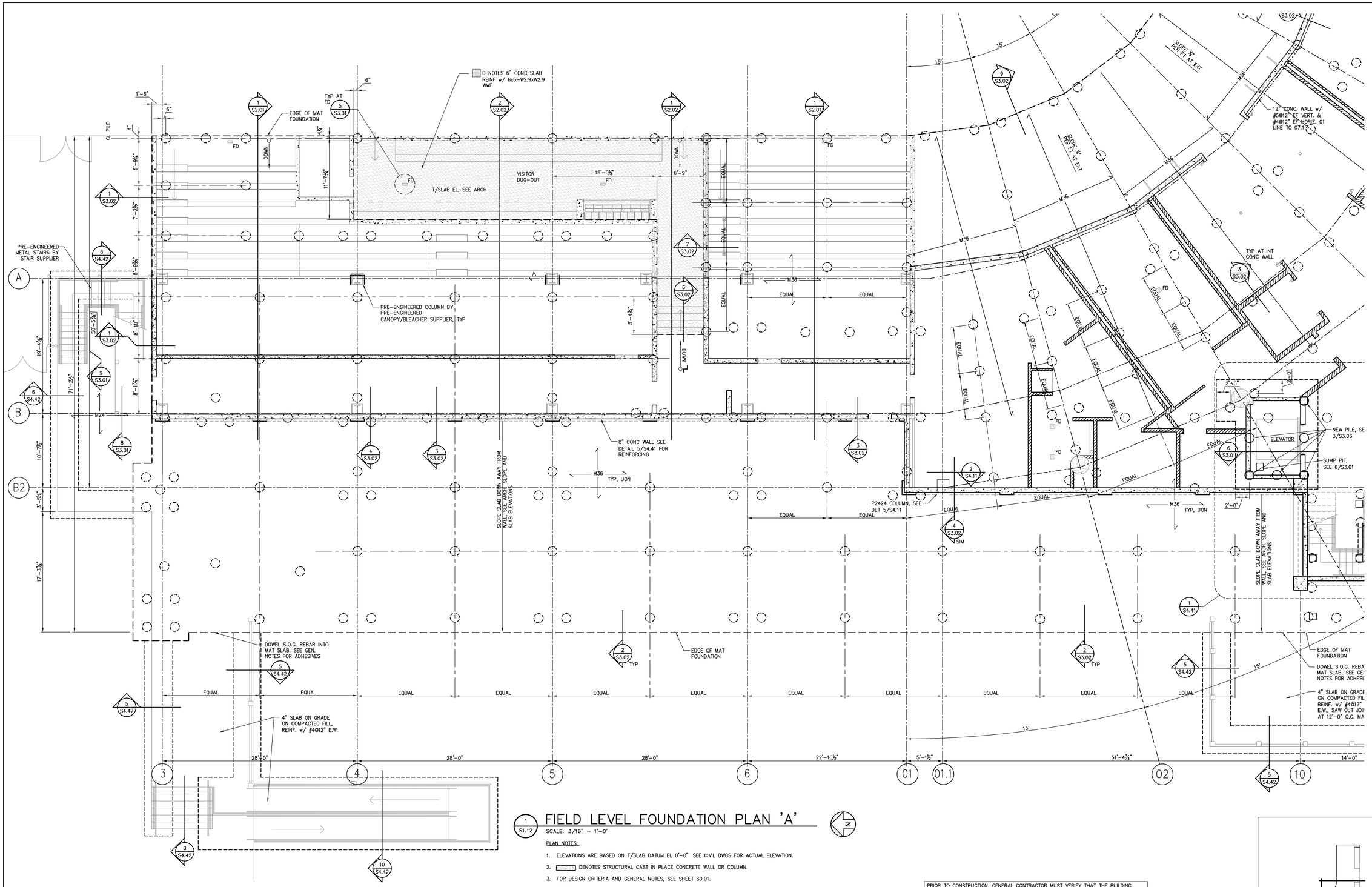
PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
FIELD LEVEL OVERALL
FRAMING/FOUNDATION PLAN

DATE: 02-19-20
DRAWN BY: SGF

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FIELD LEVEL FOUNDATION PLAN 'A'

1 / S1.12

SCALE: 3/16" = 1'-0"

PLAN NOTES:

1. ELEVATIONS ARE BASED ON T/SLAB DATUM EL 0'-0". SEE CIVIL DWGS FOR ACTUAL ELEVATION.
2. ▨ DENOTES STRUCTURAL CAST IN PLACE CONCRETE WALL OR COLUMN.
3. FOR DESIGN CRITERIA AND GENERAL NOTES, SEE SHEET S0.01.
4. M36 DENOTES 36" THICK 4,000 PSI CONCRETE MAT SLAB ON GRADE WITH #8@8" EA WAY T&B OVER VAPOR RETARDER AND COMPACTED FILL. PROVIDE WATERSTOP AT ALL CONSTRUCTION JOINT LOCATIONS, SEE DETAIL 1/S3.01. THIS DESIGN IS BASED ON THE MAT ACTING AS A CONTINUOUS PILE CAP BEARING ON STEEL PIPE PILES PER NOTE #5 & THE PILE LAYOUT SHOWN ON PLAN. SEE PLAN FOR SPAN DIRECTION.
5. STEEL PIPE PILE SIZE & LAYOUT IS BASED ON THE GEOTECHNICAL REPORT PROVIDED BY VITEST ENGINEERS DATED DECEMBER 12, 2018, SEE SHEET S0.01 GENERAL NOTES FOR ADDITIONAL PILE INFORMATION. STEEL PIPE PILES AS FOLLOWS:

   ◯ DENOTES EXISTING 16"ø CONC FILLED STEEL PIPE PILE, SEE DET 1/S3.03. FIELD VERIFY LOCATION AND TOP/PILE ELEVATION PRIOR TO MAT CONSTRUCTION. NOTIFY STRUCTURAL ENGINEER OF ANY CONFLICT & COORDINATE REMEDIATION PRIOR TO CONSTRUCTION.
6. P### DENOTES CONCRETE COLUMN/PILASTER DESIGNATION, SEE 5/S4.11.

   ▨ DENOTES NON-LOAD BEARING 6" CAST IN PLACE CONCRETE WALL REINFORCED W/#4@12" EA WAY CENTERED ON WALL W/ DOWELS AT BASE TO MATCH VERTICAL REINFORCING.
7. SEE DETAIL 2/S3.03 FOR PILE GROUPS.
8. ⊠ DENOTES SLAB DRAIN, SEE 5/S3.01 FOR DRAIN DETAIL. MIN 36" SLAB THICKNESS TO BE MAINTAINED. DRAINAGE TO BE PROVIDED W/SLAB TOPPING.
9. GC TO VERIFY FINAL MAT DESIGN W/ FINAL PLUMBING DRAWINGS. NOTIFY STRUCTURAL ENGINEER OF ANY CONFLICT & COORDINATION PRIOR TO CONSTRUCTION.
10. M24 DENOTES 24" THICK 4,000 PSI CONCRETE MAT SLAB ON GRADE WITH #7@12" EA WAY T&B OVER VAPOR RETARDER AND COMPACTED FILL.
11. FD DENOTES FLOOR DRAIN, SEE 5/S3.01

PRIOR TO CONSTRUCTION, GENERAL CONTRACTOR MUST VERIFY THAT THE BUILDING & FOUNDATION DESIGN CONFORMS W/ ALL APPLICABLE CODES FOR COASTAL FLOODING.

ORIENTATION OF REINFORCEMENT
M36 TYP, UON

A
N KEYPLAN

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DRAWING INFORMATION:
FIELD LEVEL FOUNDATION PLAN 'A'

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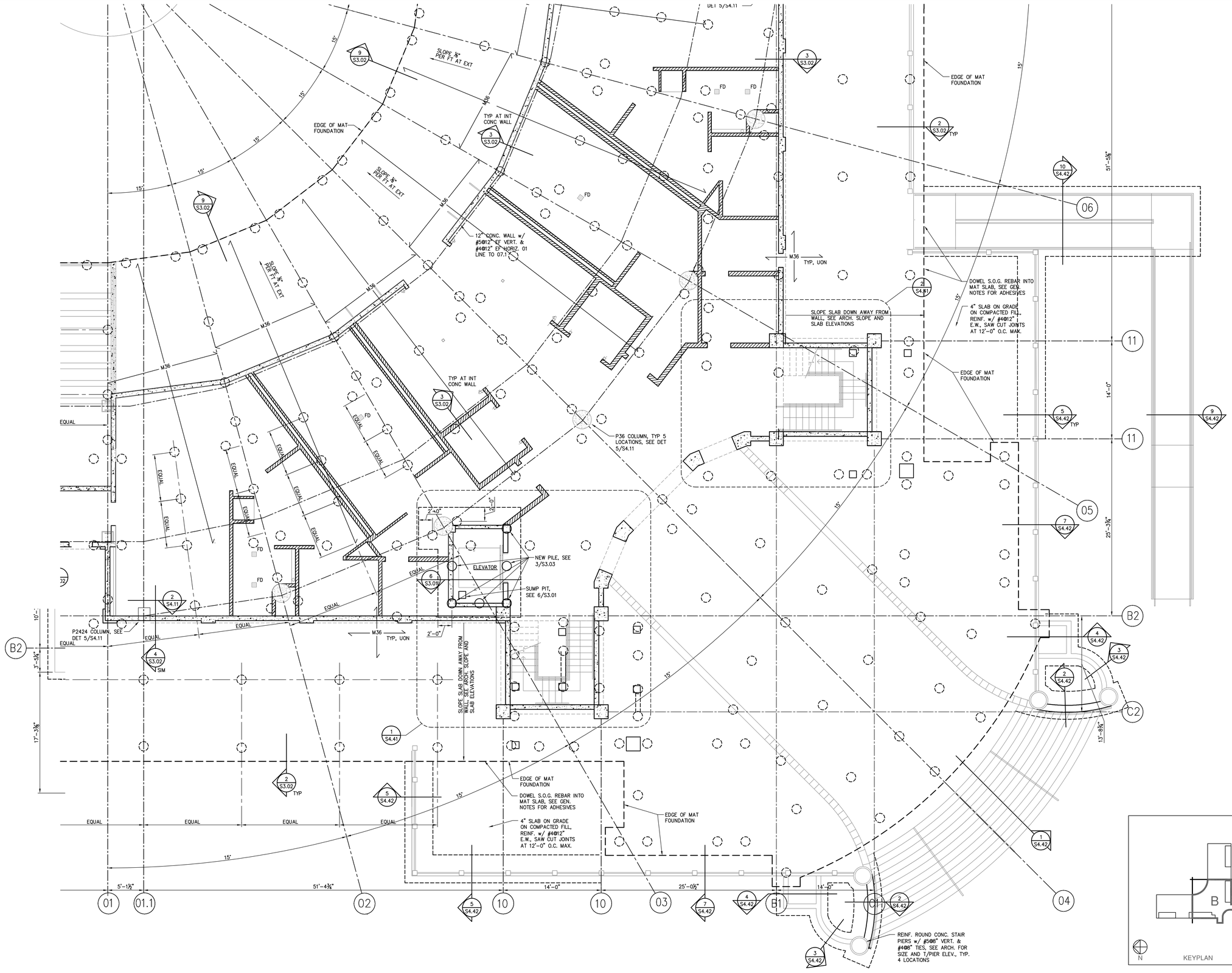
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FIELD LEVEL FRAMING/FOUNDATION PLAN 'B'

SCALE: 3/16" = 1'-0"

PLAN NOTES:

1. SEE SHEET S1.12 FOR FOUNDATION NOTES.

PRIOR TO CONSTRUCTION, GENERAL CONTRACTOR MUST VERIFY THAT THE BUILDING & FOUNDATION DESIGN CONFORMS W/ ALL APPLICABLE CODES FOR COASTAL FLOODING.

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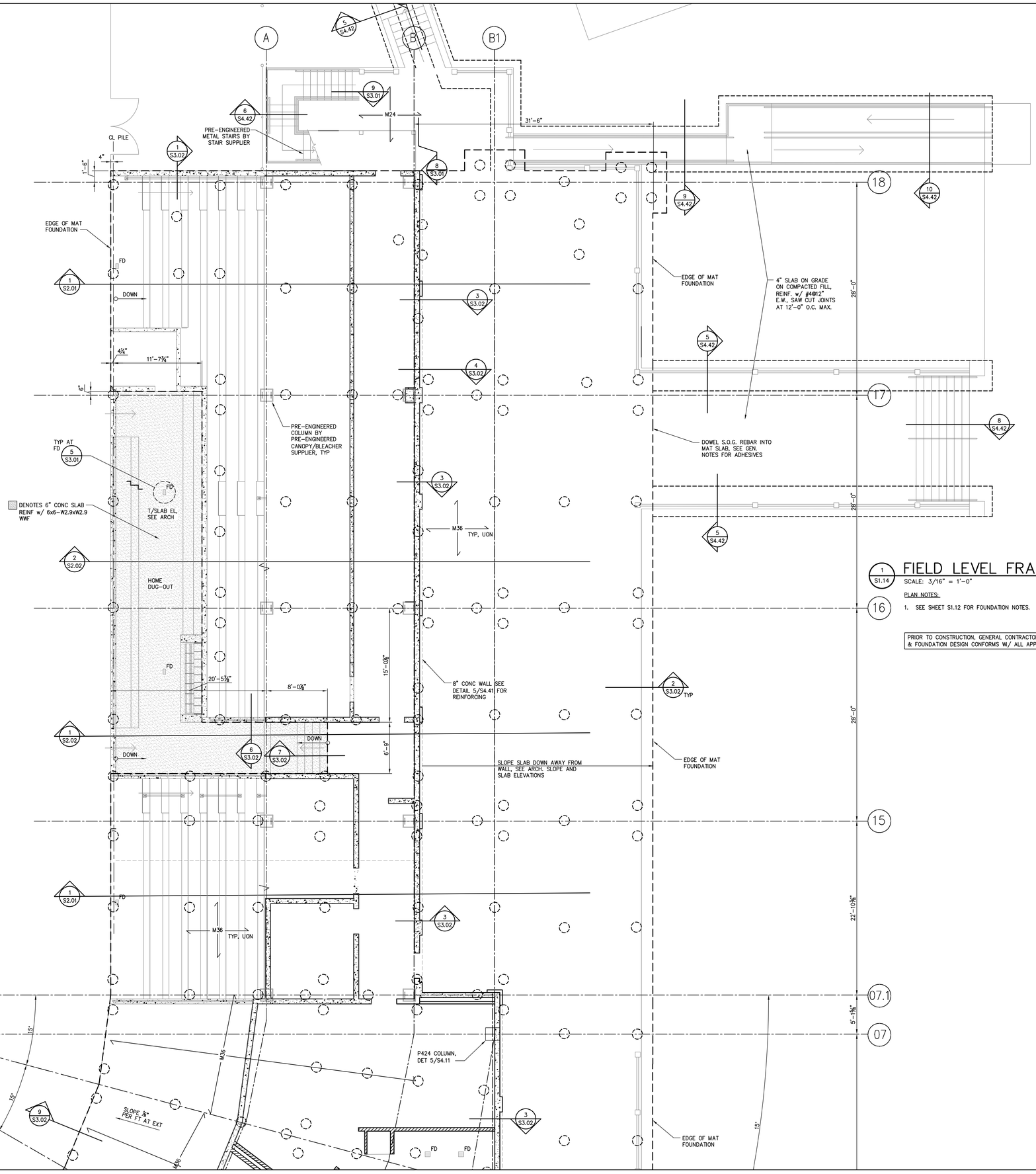
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FIELD LEVEL
FRAMING/FOUNDATION PLAN 'B'

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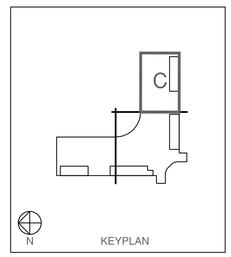
FIELD LEVEL FRAMING/FOUNDATION PLAN 'C'

SCALE: 3/16" = 1'-0"

PLAN NOTES:

1. SEE SHEET S1.12 FOR FOUNDATION NOTES.

PRIOR TO CONSTRUCTION, GENERAL CONTRACTOR MUST VERIFY THAT THE BUILDING & FOUNDATION DESIGN CONFORMS W/ ALL APPLICABLE CODES FOR COASTAL FLOODING.



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AND SPORT COMPLEX

DRAWING INFORMATION:
FIELD LEVEL
FRAMING/FOUNDATION PLAN 'C'

DATE: 02-19-20
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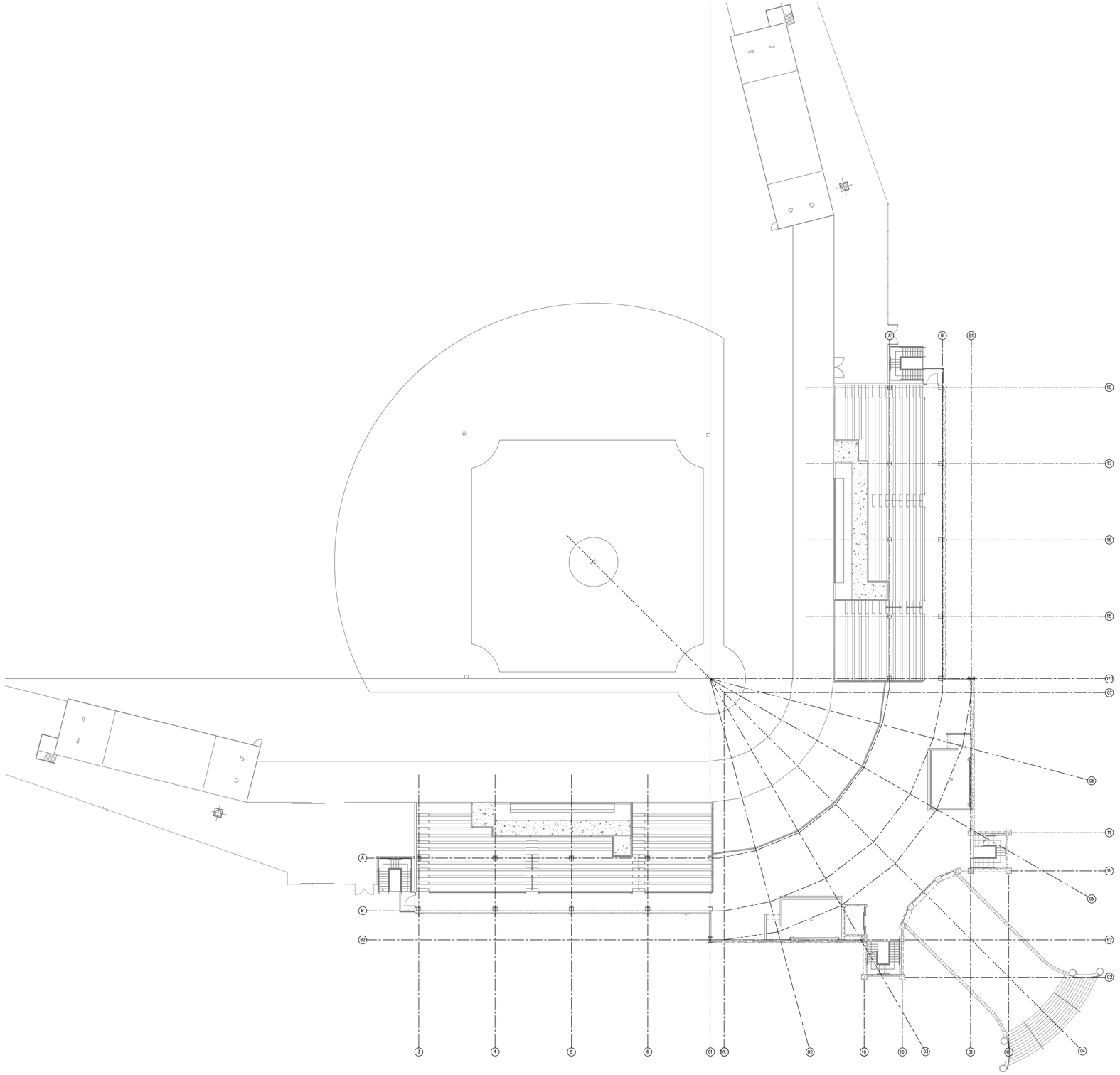
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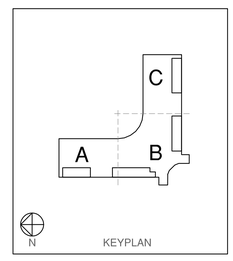
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1 / S1.21 CONCOURSE OVERALL FRAMING PLAN

SCALE: 1/16" = 1'-0"



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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

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CONCOURSE OVERALL FRAMING PLAN

DATE: 02-19-20
DRAWN BY: AGO

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3-16-20
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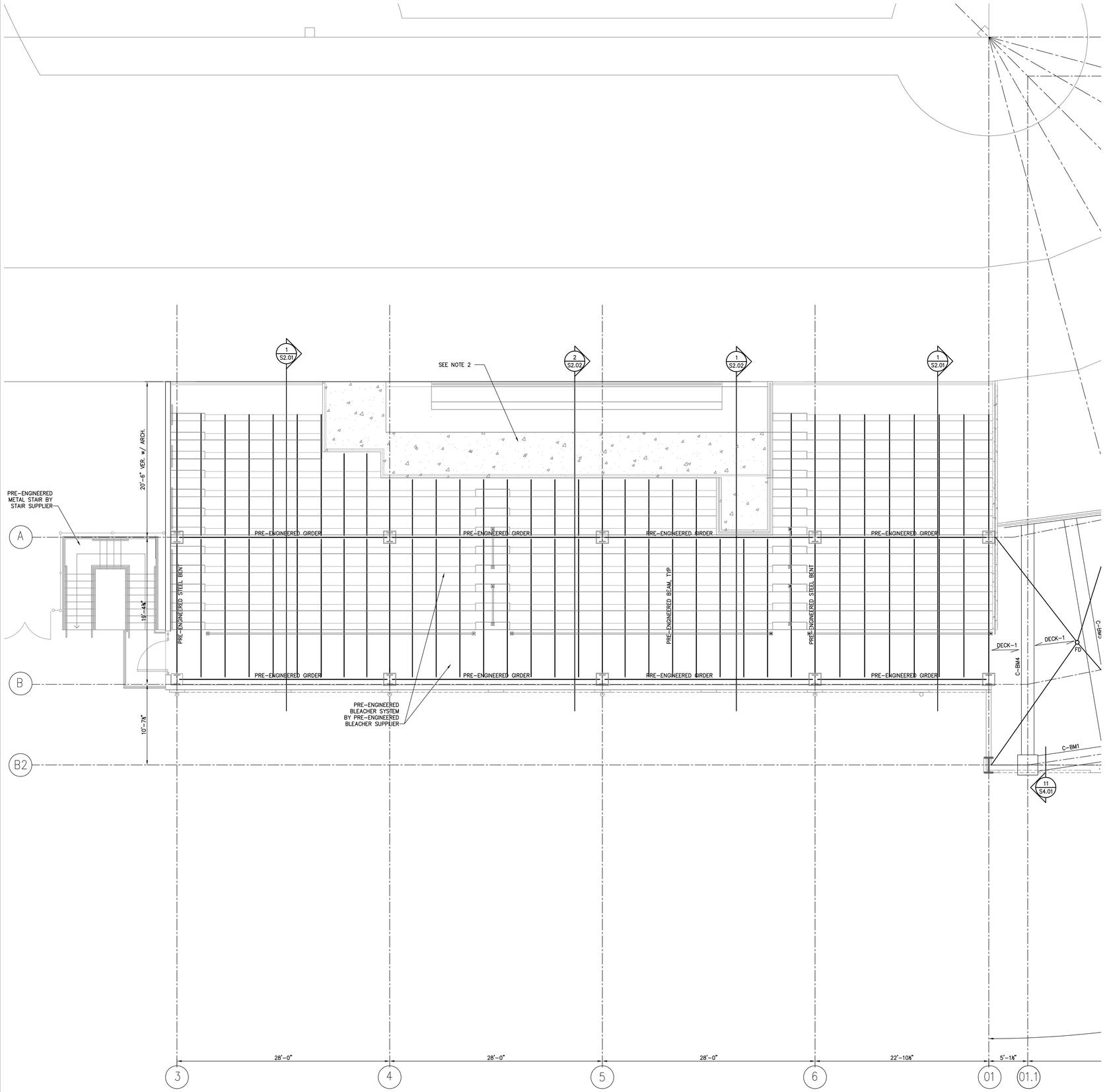
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SHEET NUMBER:

S1.21

04/02/20 11:44 14188 S1.21 OVERALL CONCOURSE LEVEL FRAMING PLAN.dwg 1:64



CONCOURSE FRAMING PLAN 'A'

1 / S1.22 — SCALE: 3/16" = 1'-0"

PLAN NOTES:

1. PRE-ENGINEERED BLEACHER SYSTEM IS TO BE DESIGNED BY THE PRE-ENGINEERED BLEACHER SUPPLIER. LAYOUT SHOWN IS DIAGRAMATIC TO SHOW GENERAL FRAMING CONCEPT. ACTUAL DESIGN SHALL BE AS REQUIRED TO MEET BUIDING CODE, CONSTRUCTABILITY, AND COORDINATION WITH ARCHITECTURAL DRAWINGS.
2. DENOTES CANTILEVERED CONCRETE DUGOUT ROOF (THICKNESS VARIES) WITH #5@12" OC TOP REINF EA. WAY, TYP. COORD. w/ ARCH. DWG'S.
3. PRE-ENGINEERED BLEACHER STRUCTURE BY BLEACHER SUPPLIER REQUIRES SIGNED AND SEALED DESIGN DRAWINGS AND CALCULATIONS BY A LICENSED PROFESSIONAL ENGINEER FOR REVIEW AND APPROVAL BY THE PROJECT ENGINEER OF RECORD.
4. VERIFY ALL DIMENSIONS w/ ARCH.

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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
CONCOURSE FRAMING
PLAN 'A'

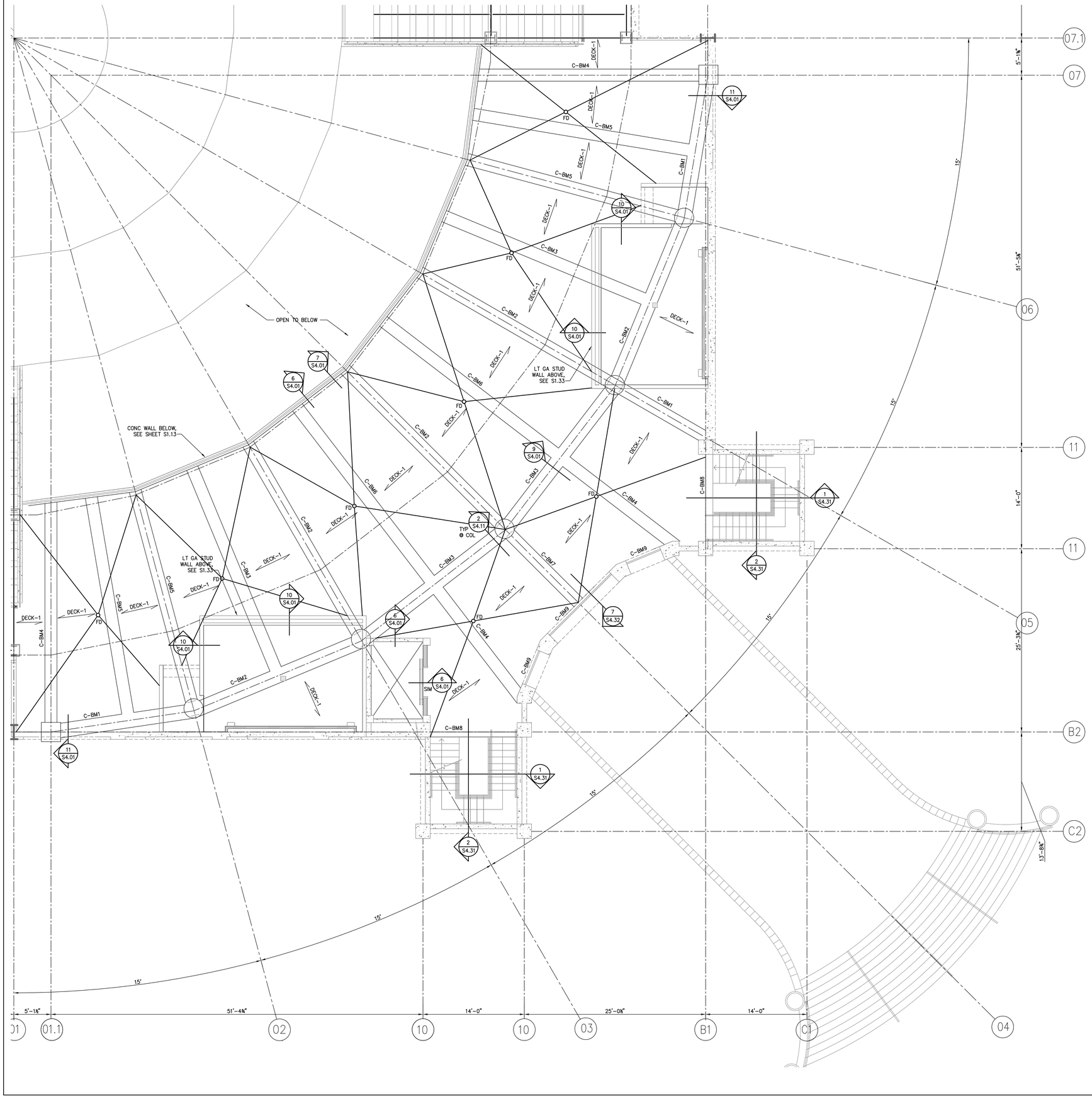
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SHEET NUMBER:
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CONCOURSE FRAMING PLAN 'B'

1 / S1.23 — SCALE: 3/16" = 1'-0"

PLAN NOTES:

1. DECK-1 DENOTES 5" THICK MIN. NWC CONC SLAB WITH #5 T&B @ 12" OC SPANNING IN DIRECTION SHOWN AND #4@12" OC CENTERED TRANSV.
2. SEE SHEET S1.22 FOR ADDITIONAL PLAN NOTES
3. FD DENOTES FLOOR DRAIN. COORDINATE WITH ARCH AND PLUMB DWGS.

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AND SPORT COMPLEX

DRAWING INFORMATION:
CONCOURSE FRAMING
PLAN 'B'

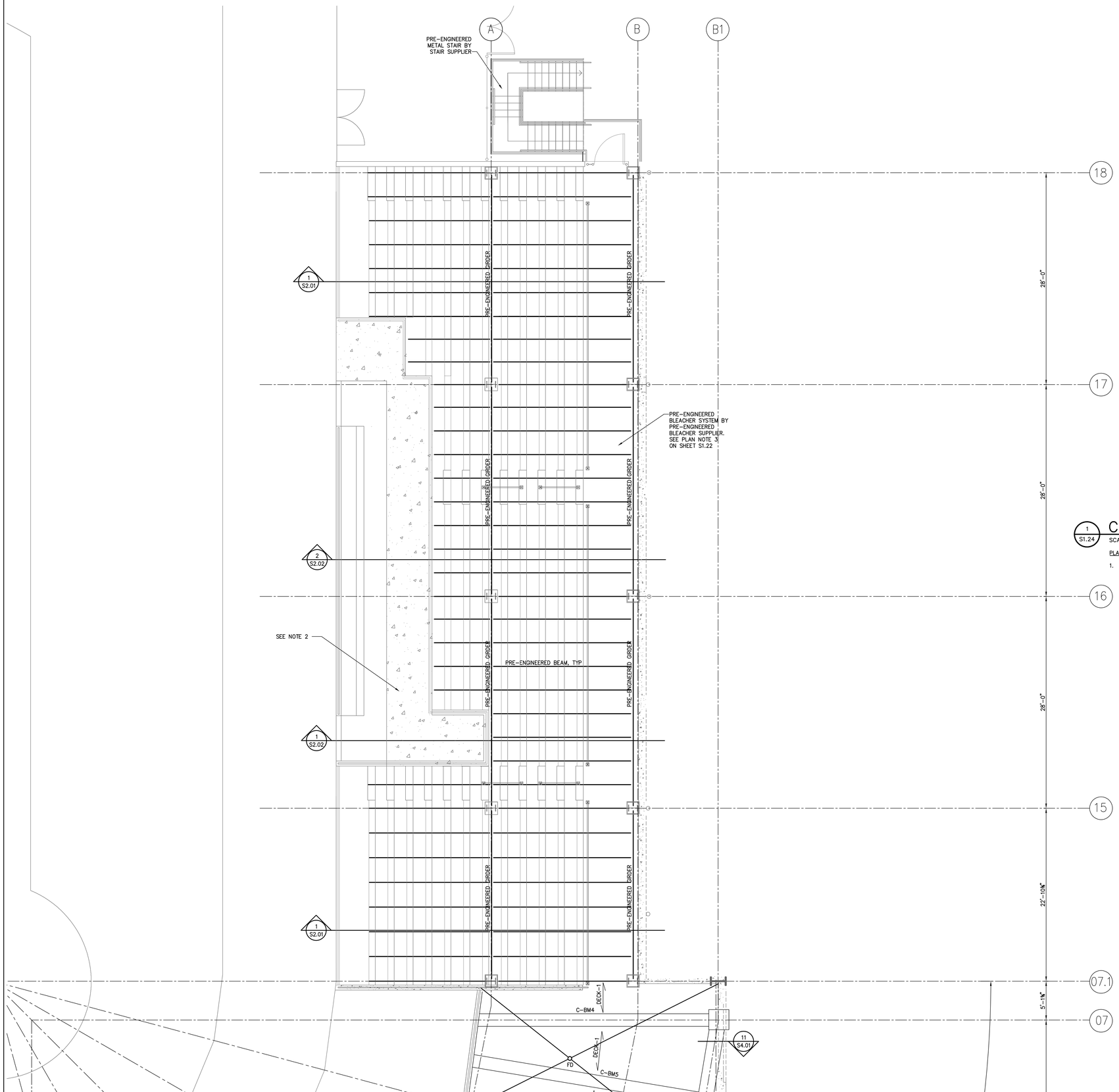
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SHEET NUMBER:
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1 S1.24 **CONCOURSE FRAMING PLAN 'C'**

SCALE: 3/16" = 1'-0"

PLAN NOTES:

1. SEE SHEET S1.22 FOR ADDITIONAL PLAN NOTES

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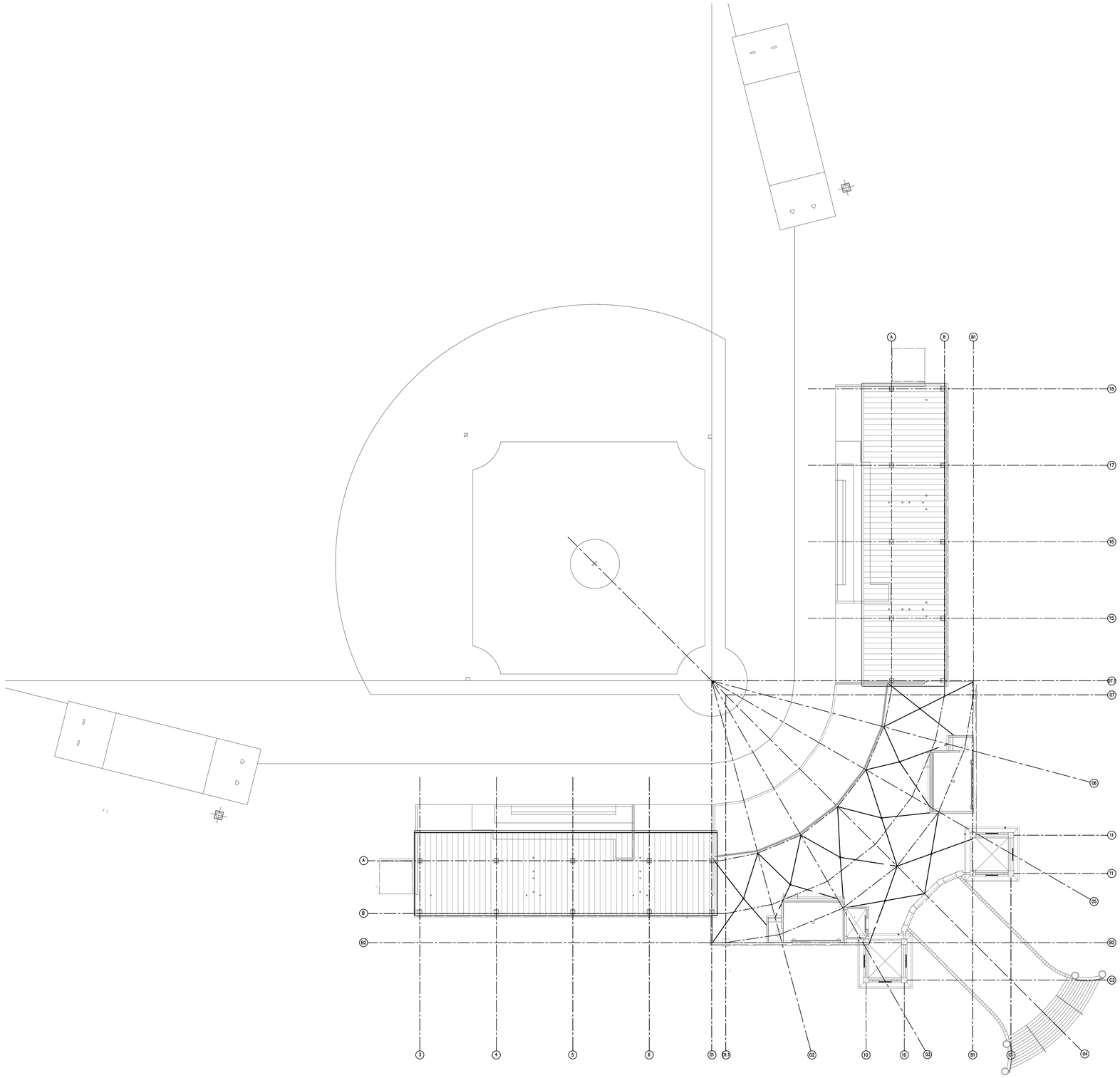
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PLAN 'C'

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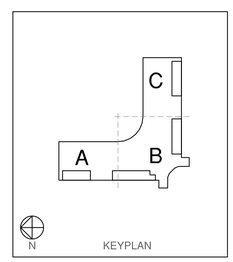
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1 / S1.31 ROOF OVERALL FRAMING PLAN
SCALE: 1/16" = 1'-0"



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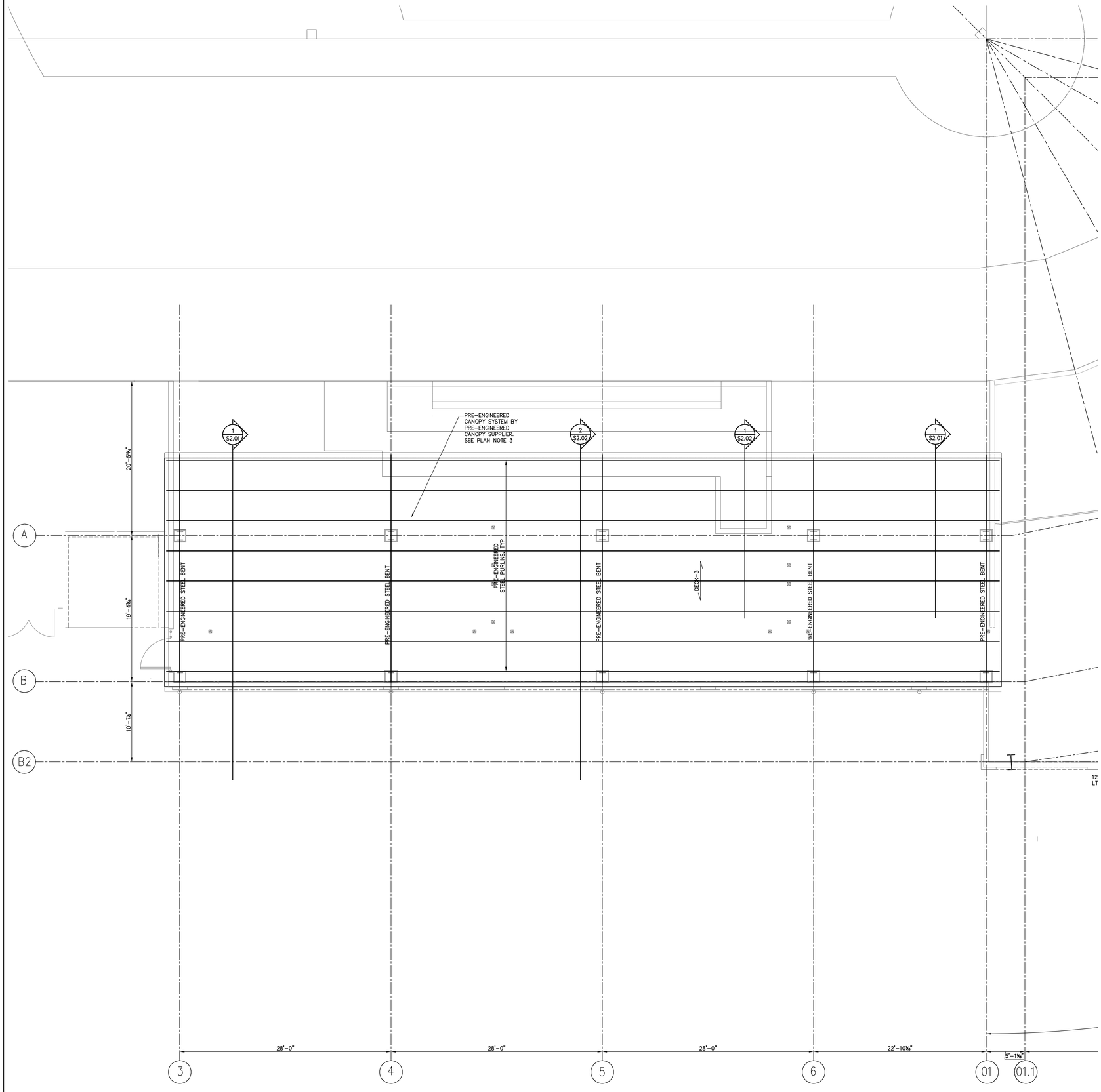
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1 S1.32 ROOF FRAMING PLAN 'A'

SCALE: 3/16" = 1'-0"

PLAN NOTES:

1. PRE-ENGINEERED CANOPY SYSTEM IS TO BE DESIGNED BY THE PRE-ENGINEERED CANOPY SUPPLIER. LAYOUT SHOWN IS DIAGRAMATIC TO SHOW GENERAL FRAMING CONCEPT. ACTUAL DESIGN SHALL BE AS REQUIRED TO MEET BUILDING CODE, CONSTRUCTABILITY, AND COORDINATION WITH ARCHITECTURAL DRAWINGS.
2. DECK-3 DENOTES CORRUGATED METAL DECK DESIGNED BY THE PRE-ENGINEERED CANOPY SUPPLIER SPANNING IN THE DIRECTION SHOWN.
3. PRE-ENGINEERED CANOPY STRUCTURE BY CANOPY SUPPLIER REQUIRES SIGNED AND SEALED DESIGN DRAWINGS AND CALCULATIONS BY A LICENSED PROFESSIONAL ENGINEER FOR REVIEW AND APPROVAL BY THE PROJECT ENGINEER OF RECORD.

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DRAWING INFORMATION:
ROOF FRAMING PLAN 'A'

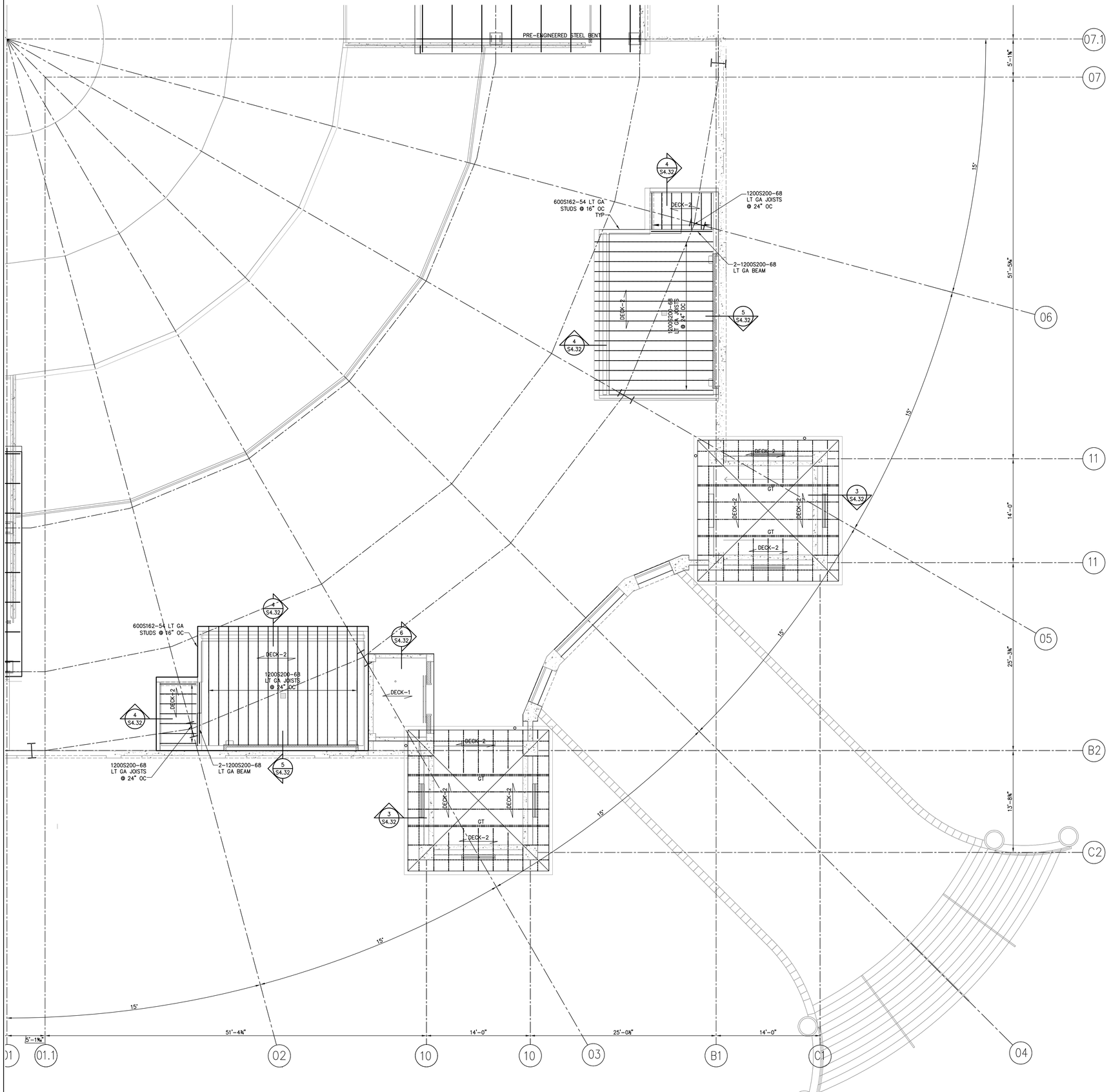
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1 S1.33 ROOF FRAMING PLAN 'B'

SCALE: 3/16" = 1'-0"

PLAN NOTES:

1. DECK-1 DENOTES 5" THICK NWC CONC SLAB WITH #4 EW T&B @ 12" OC OVER 3" x20 GA FORM DECK SPANNING IN DIRECTION SHOWN.
2. DECK-2 DENOTES 1½"x20 GA GALV MTL DECK SPANNING IN THE DIRECTION SHOWN.
3. SEE SHEET S1.32 FOR ADDITIONAL PLAN NOTES.

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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
ROOF FRAMING PLAN 'B'

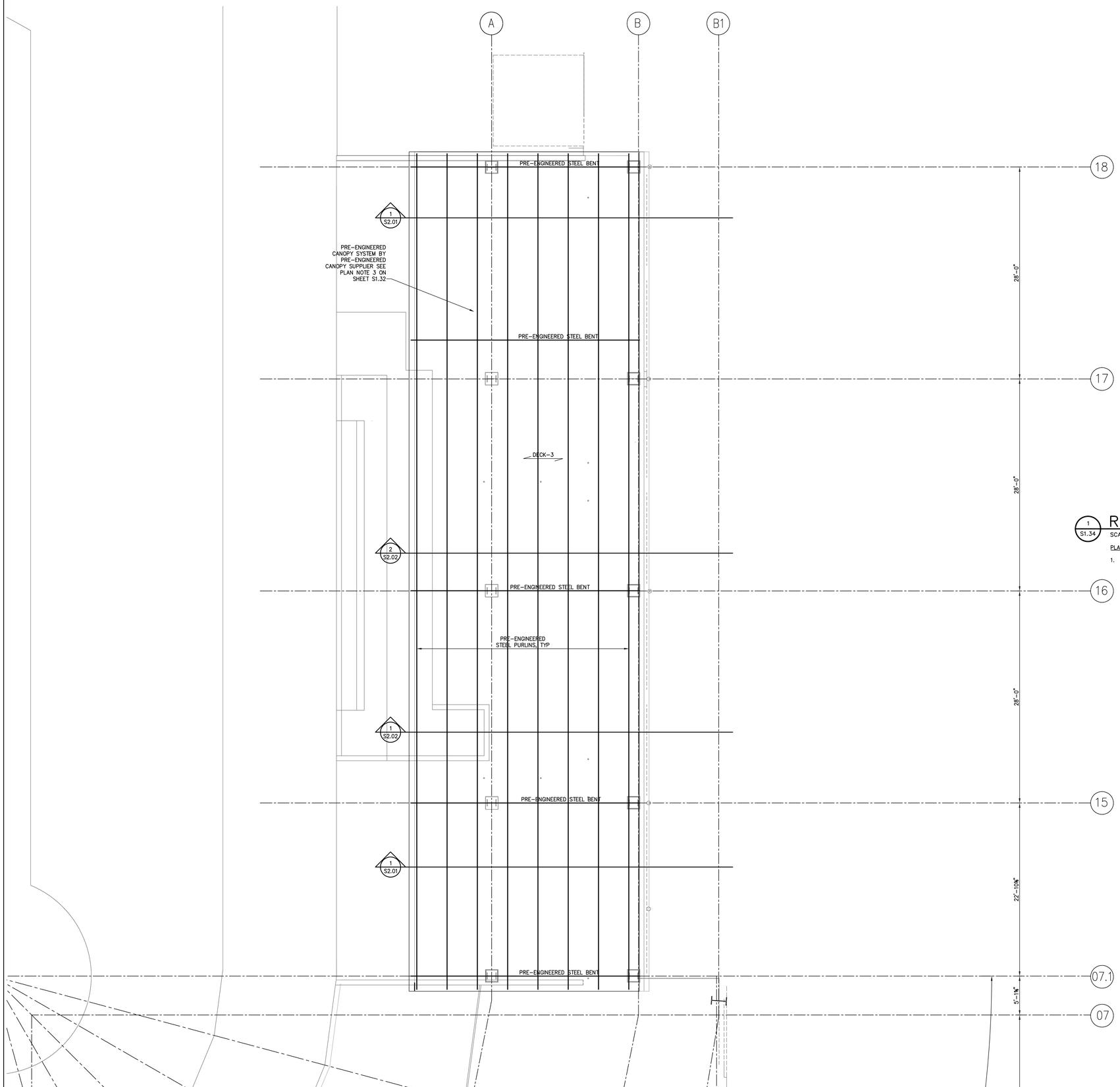
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SHEET NUMBER:
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1 S1.34 ROOF FRAMING PLAN 'C'

SCALE: 3/16" = 1'-0"

PLAN NOTES:

1. SEE SHEET S1.32 FOR ADDITIONAL PLAN NOTES.

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DRAWING INFORMATION:
ROOF FRAMING PLAN 'C'

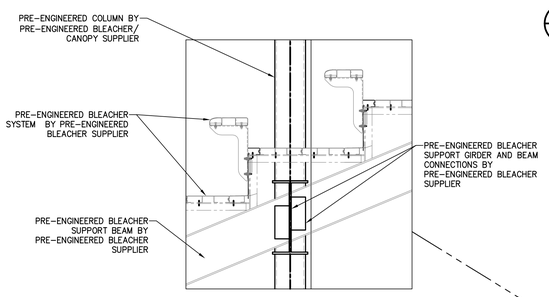
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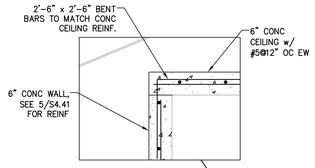
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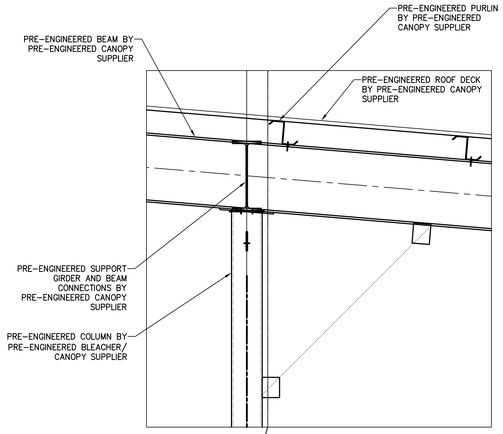
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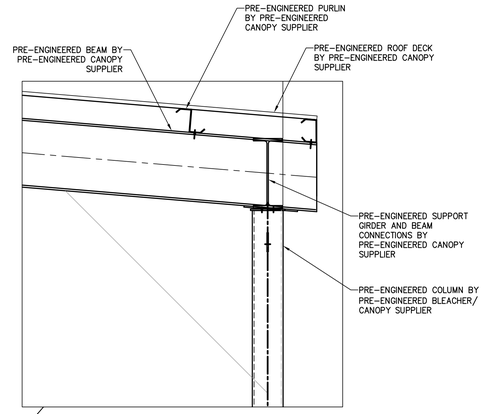
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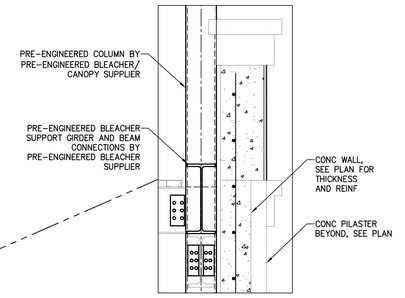
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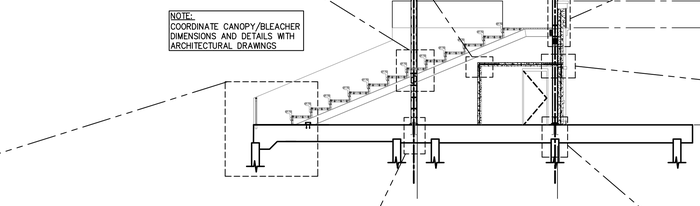
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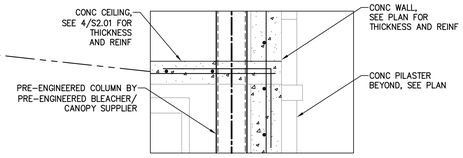
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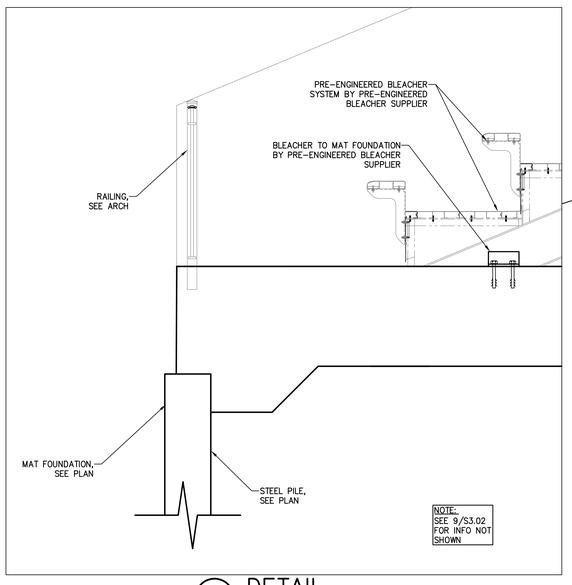
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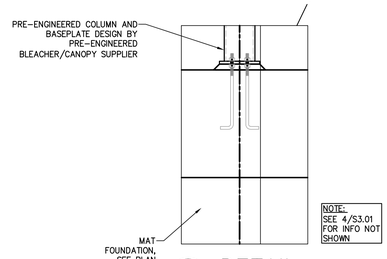
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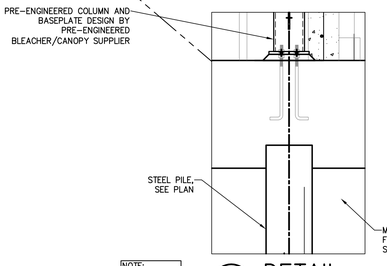
8 S2.01 DETAIL
SCALE: 3/4" = 1'-0"



2 S2.01 DETAIL
SCALE: 3/4" = 1'-0"



10 S2.01 DETAIL
SCALE: 3/4" = 1'-0"



9 S2.01 DETAIL
SCALE: 3/4" = 1'-0"

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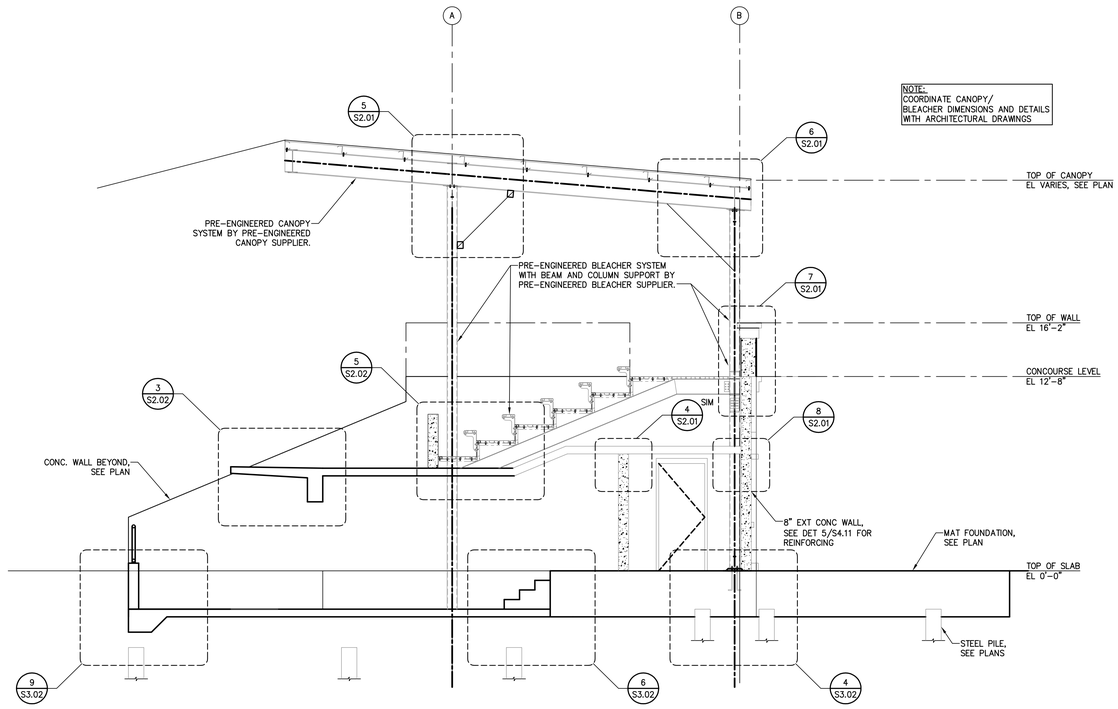
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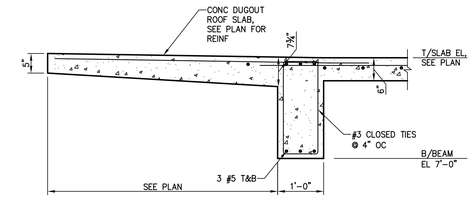
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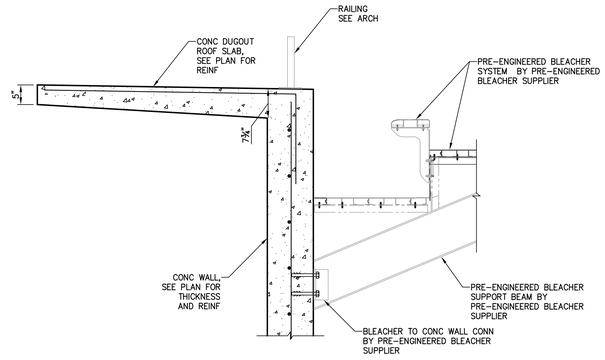
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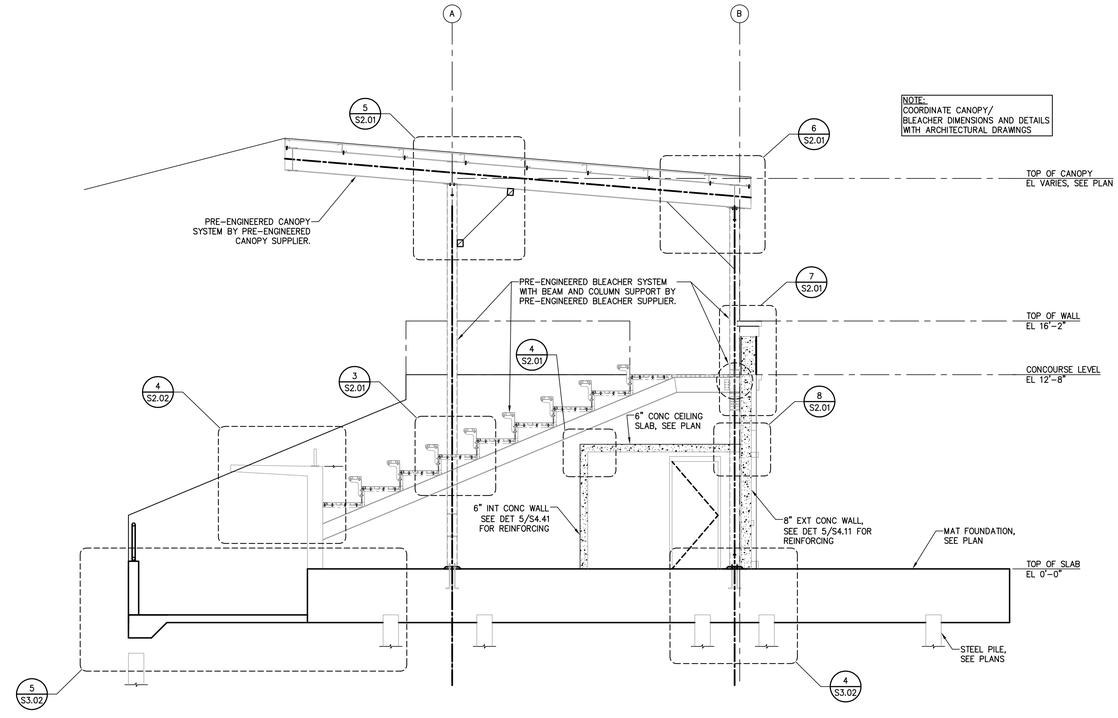
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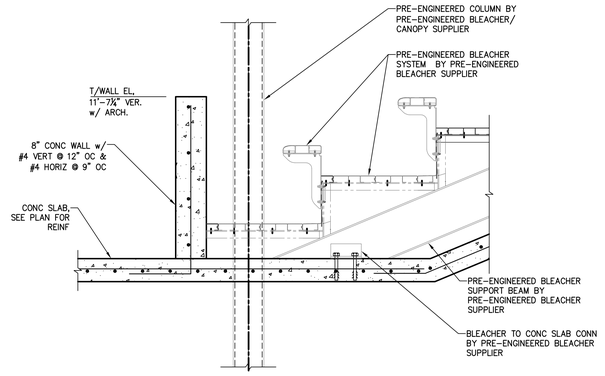
3 S2.02 **DETAIL**
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4 S2.02 **DETAIL**



2 S2.02 **SECTION**
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5 S2.02 **DETAIL**
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DRAWING INFORMATION:
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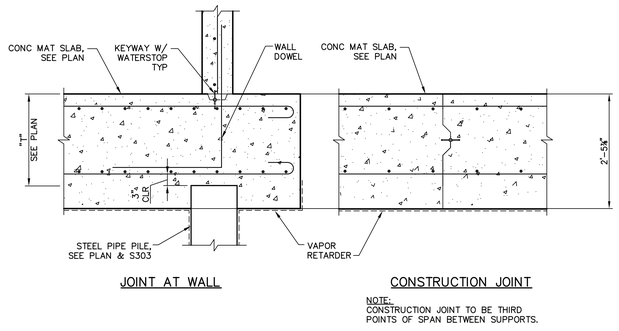
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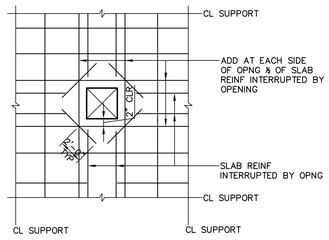
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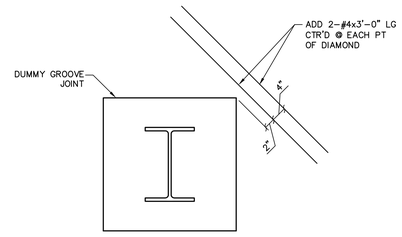
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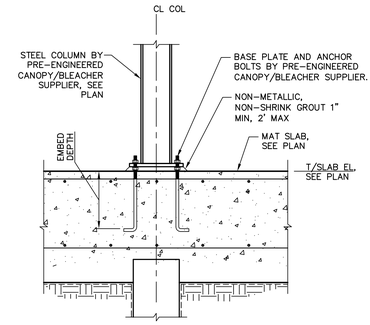
1 S3.01 MAT SLAB JOINT DETAILS
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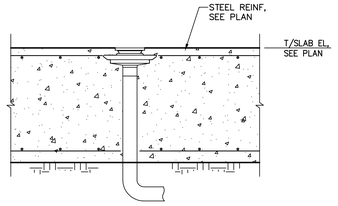
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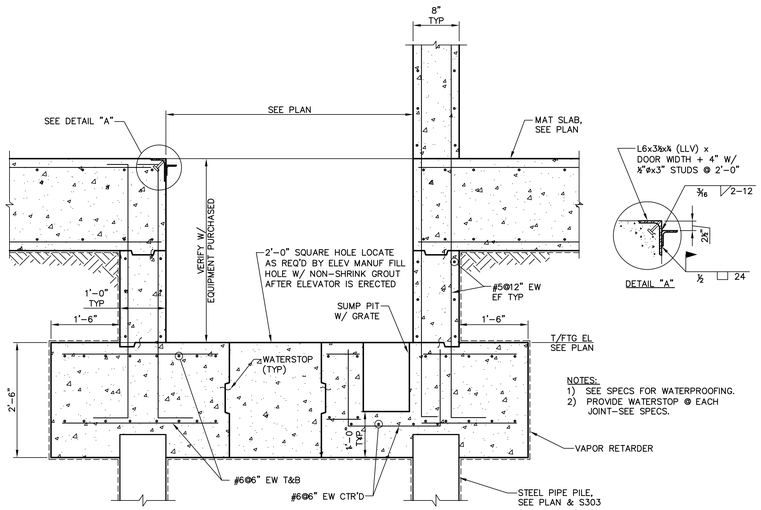
3 S3.01 ADDITIONAL REINF RECESSED MAT
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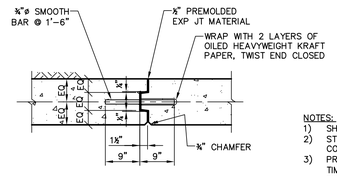
4 S3.01 RECESSED COL TO MAT FOUNDATION
SCALE: NTS



5 S3.01 DRAIN DETAIL
SCALE: NTS



6 S3.01 ELEVATOR PIT SECTION
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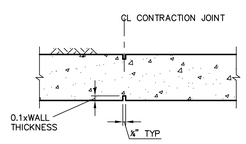


EXPANSION JOINT

NOTES:
1) SHEAR KEY SHALL END 3" FROM TOP OF WALL.
2) STOP HORIZ REINF 1½" EA SIDE EXP AND CONST JOINT.
3) PROVIDE CONTRACTION OR CONST JNT AT 3 TIMES WALL HEIGHT OR 30' MAX. PROVIDE EXPANSION JT @ 90' MAX.

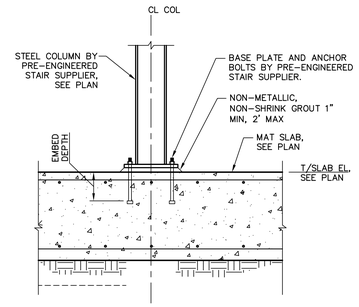


CONSTRUCTION JOINT

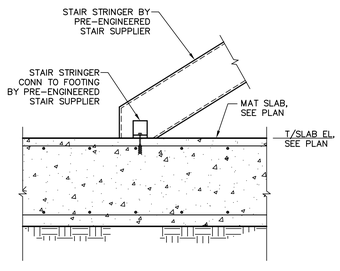


CONTRACTION JOINT

7 S3.01 CONCRETE WALL JOINTS
SCALE: NTS



8 S3.01 STAIR COL TO MAT FOUNDATION
SCALE: NTS



9 S3.01 STAIR STRINGER TO MAT FOUNDATION
SCALE: NTS

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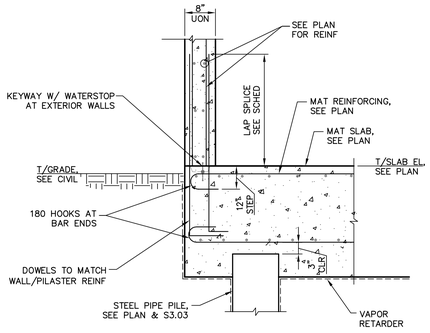
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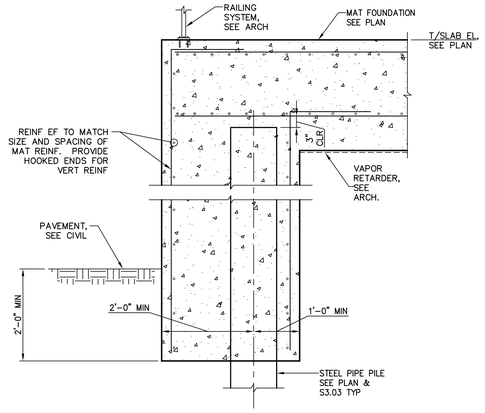
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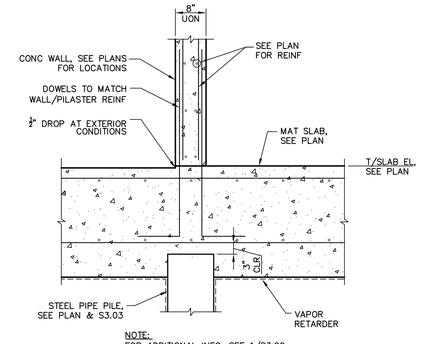
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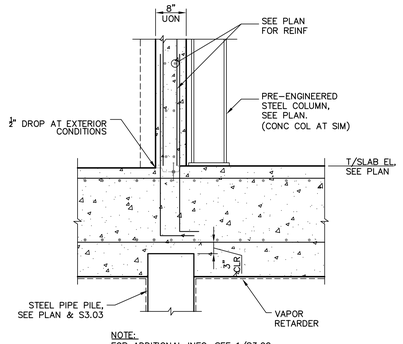


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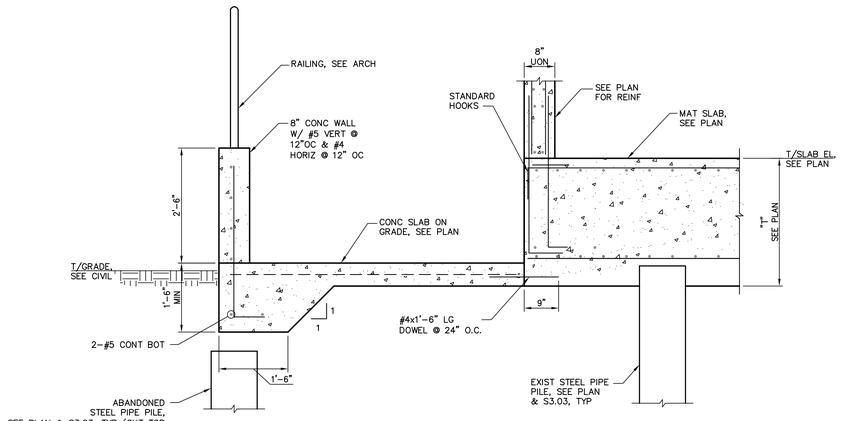
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FOR ADDITIONAL INFO, SEE 1/S3.02.

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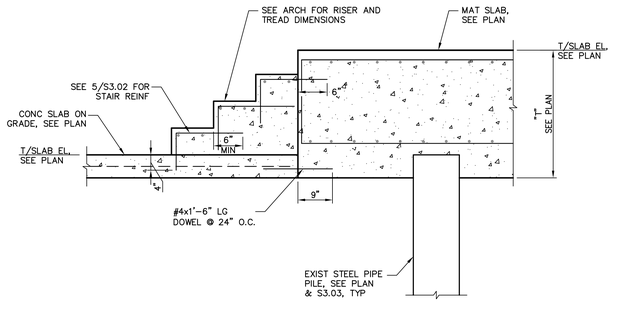


NOTE:
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4 S3.02 SECTION
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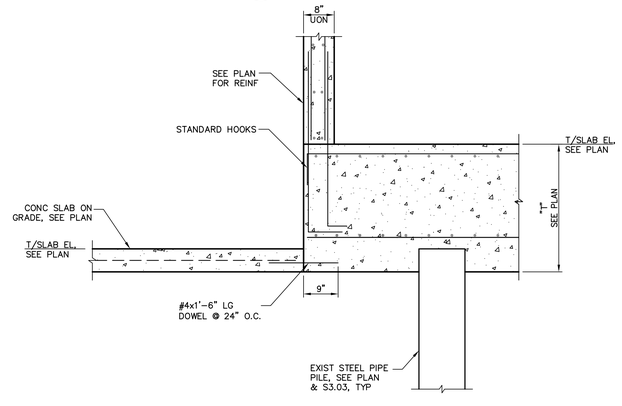


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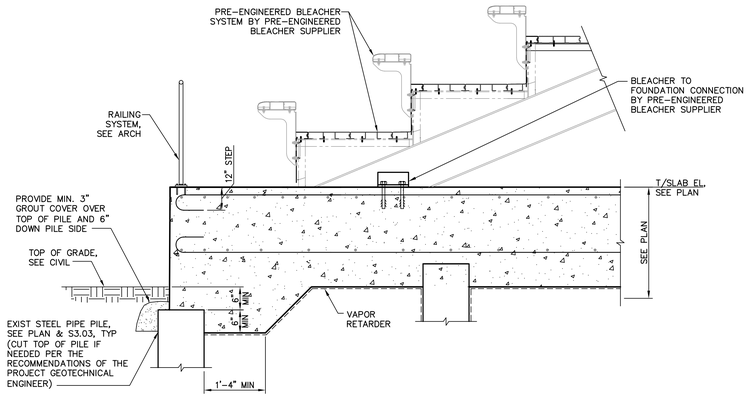


NOTE:
FOR ADDITIONAL INFO, SEE 5/S3.02.

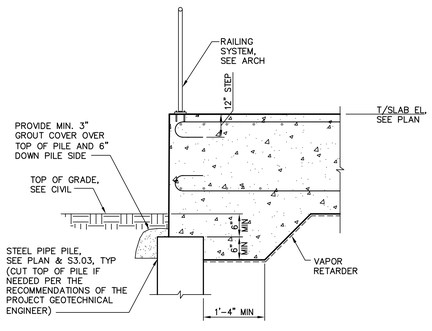
6 S3.02 SECTION
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7 S3.02 SECTION
SCALE: NTS



8 S3.02 SECTION
SCALE: NTS



9 S3.02 SECTION
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DRAWING INFORMATION:
FOUNDATION DETAILS

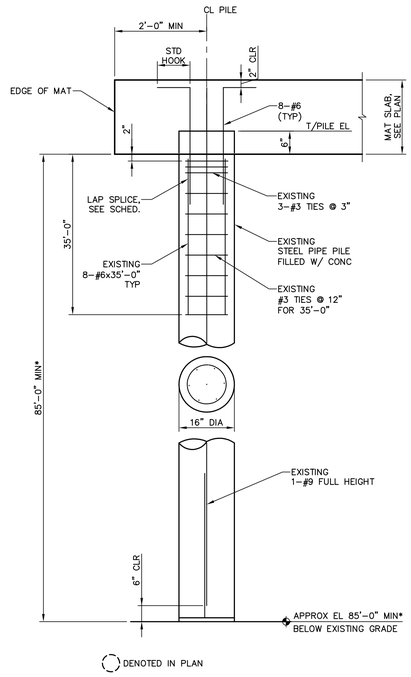
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1431-E
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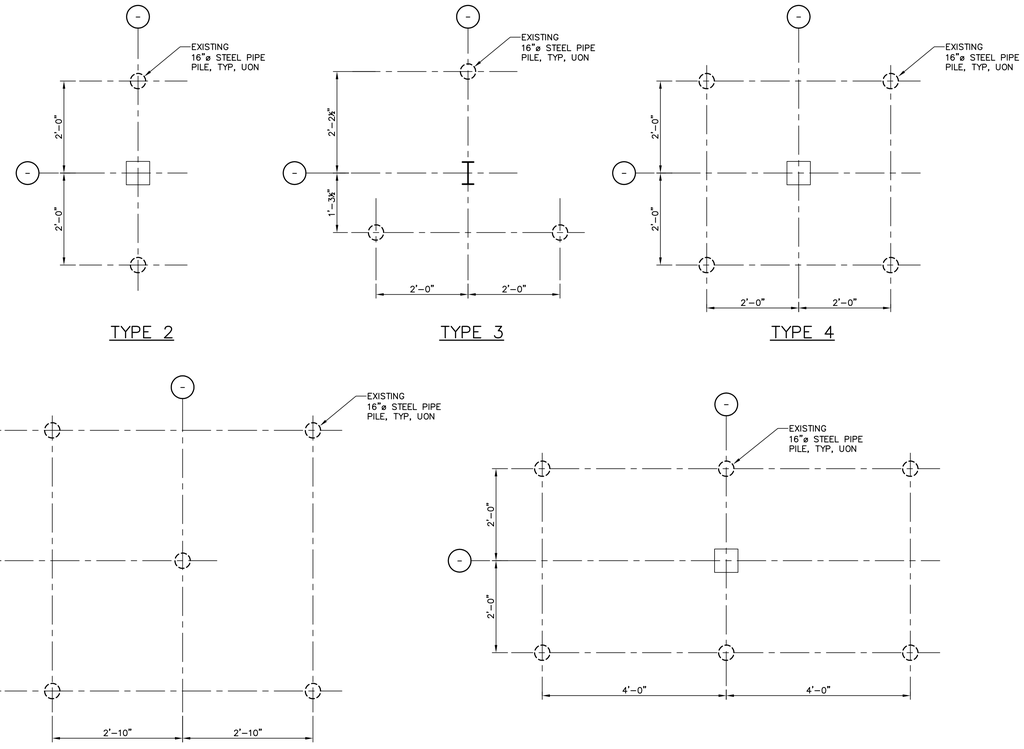
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NOTE:
EXISTING TOP OF PILE ELEVATION SHALL BE VERIFIED PER FOUNDATION PLAN NOTES PRIOR TO MAT CONSTRUCTION.

1 S3.03 EXISTING 16"ø STEEL PIPE PILE ELEVATION

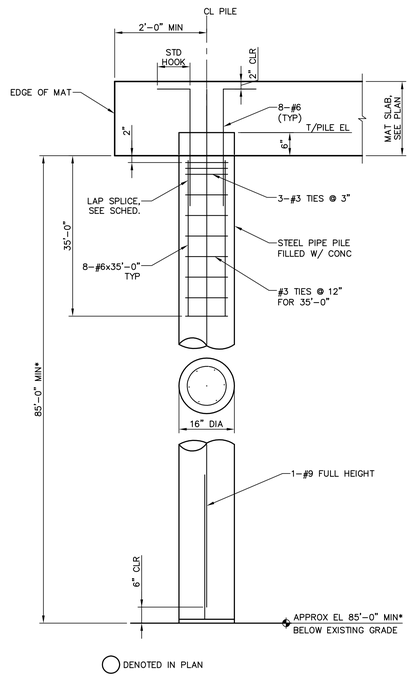
SCALE: NTS



NOTE:
EXISTING PILE LOCATIONS SHALL BE VERIFIED PER FOUNDATION PLAN NOTES PRIOR TO MAT CONSTRUCTION.

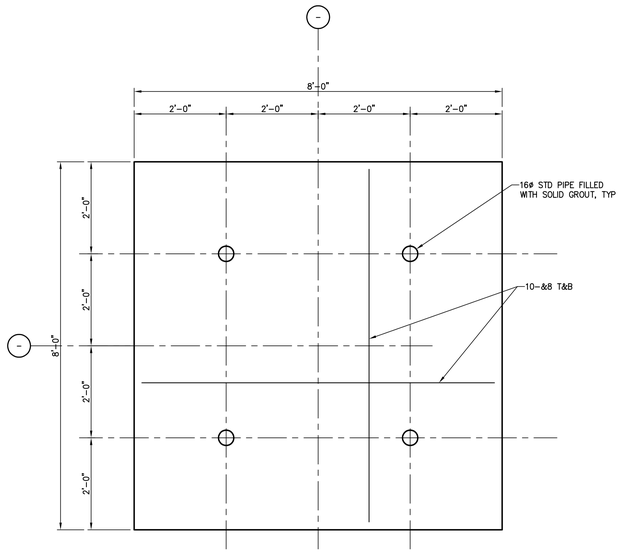
2 S3.03 EXISTING GROUPS FOR 16"ø PILES

SCALE: NTS



3 S3.03 16"ø STEEL PIPE PILE ELEVATION

SCALE: NTS



*ALL PILE CAP REINF MUST HAVE 180° HOOKED ENDS

4 S3.03 TYP-4 PILE CAP

SCALE: NTS

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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
CAST PILE DETAILS & ELEVATION

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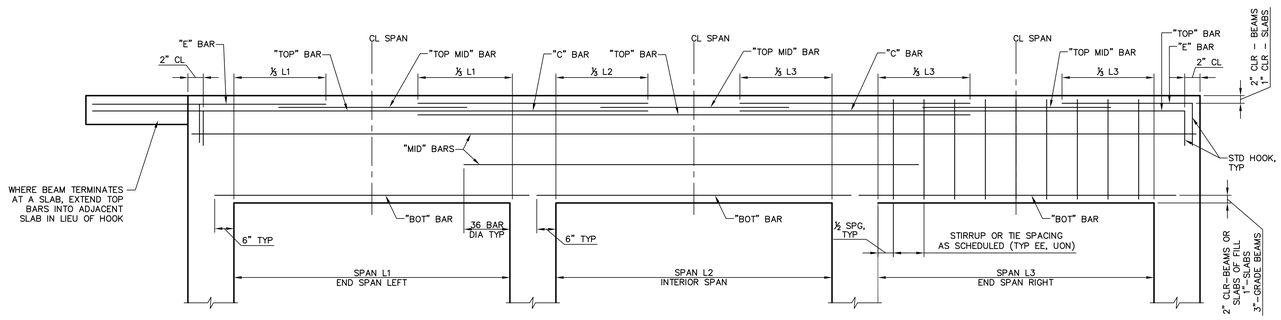
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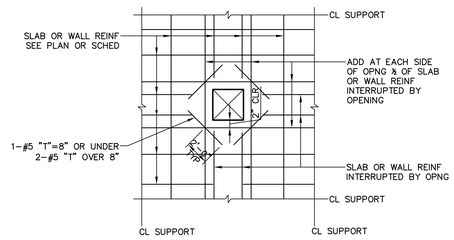
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NOTES:
1) BARS MARKED "CONTINUOUS" REQUIRE LAPS OF 24 BAR DIAMETERS. LAP TOP BARS @ MID-SPAN & BOT. BARS OVER SUPPORTS.
2) "C" BARS ARE PLACED IN THE RIGHT END OF THE BEAM WHICH THEY ARE SCHEDULED. THE RIGHT END OF BEAM FOR LOCATION OF "C" BARS IS DETERMINED BY THE ORIENTATION OF THE BEAM MARK ON THE FRAMING PLAN.

1 S4.01 TYPICAL REINFORCEMENT PLACEMENT DIAGRAM FOR BEAMS AND ONE WAY SLABS
SCALE: NTS



NOTE:
"T"=WALL OR SLAB THICKNESS

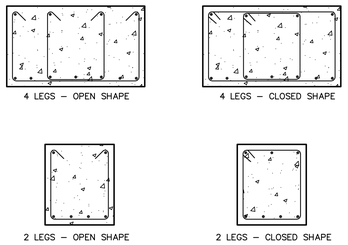
ADDED REINFORCING AT OPENING IN CONCRETE WALL OR SLAB WHERE MAIN REINF IS INTERRUPTED

2 S4.01 DETAIL
SCALE: NTS

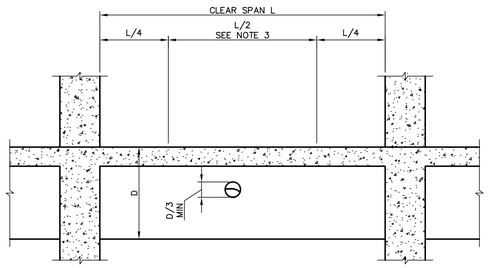
MINIMUM SPLICE LENGTHS FOR BEAMS/JOISTS				
	TYPICAL SPLICE LENGTHS (UON)		CLASS A SPLICE LENGTHS	
BAR SIZE	TOP REINF	ALL OTHER REINF	TOP REINF	ALL OTHER REINF
#3	1'-9"	1'-4"	1'-2"	1'-0"
#4	2'-0"	1'-7"	1'-7"	1'-3"
#5	2'-6"	2'-0"	1'-11"	1'-6"
#6	3'-4"	2'-8"	2'-7"	2'-0"
#7	4'-6"	3'-6"	3'-6"	2'-8"
#8	5'-11"	4'-7"	4'-7"	3'-6"
#9	7'-6"	5'-9"	5'-9"	4'-5"
#10	9'-6"	7'-4"	7'-4"	5'-8"
#11	11'-8"	9'-0"	8'-10"	6'-11"

NOTES:
1) TOP REINF IS HORIZONTAL BARS WITH MORE THAN 12" DEPTH OF FRESH CONCRETE CAST BELOW THE BARS.
2) USE CLASS A SPLICE LENGTH ONLY WHERE DESIGNATED.

3 S4.01 LAP SPLICE SCHEDULE
SCALE: NTS

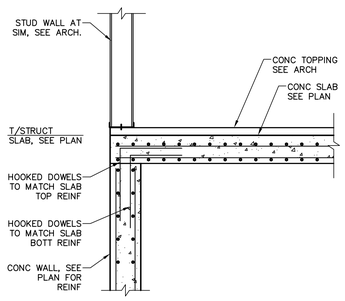


4 S4.01 STIRRUP TYPES
SCALE: NTS

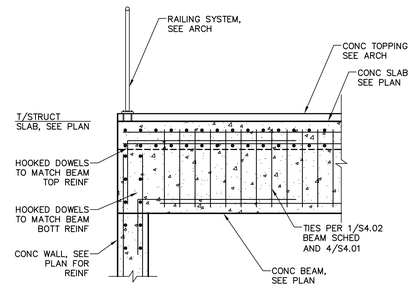


NOTES:
1) SLEEVES W/ DIAMETERS LARGER THAN D/3 ARE NOT ALLOWED. ALL SLEEVES ARE TO BE ROUND IN SHAPE.
2) SPECIAL PERMISSION SHALL BE OBTAINED BEFORE INSTALLING ANY SLEEVES.
3) PLACE NO SLEEVES OUTSIDE OF THE MIDDLE HALF OF THE BEAM SPAN WITHOUT THE APPROVAL OF THE ENGINEER.

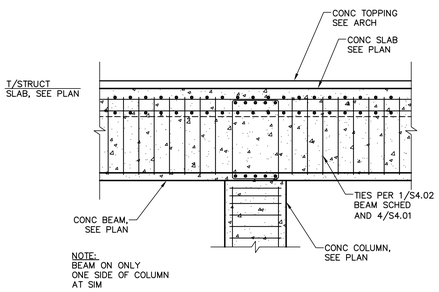
5 S4.01 TYP BEAM SLEEVE DETAIL
SCALE: NTS



6 S4.01 DETAIL
SCALE: NTS

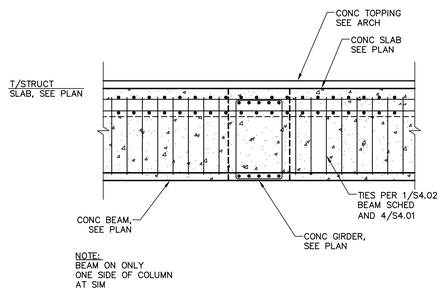


7 S4.01 DETAIL
SCALE: NTS



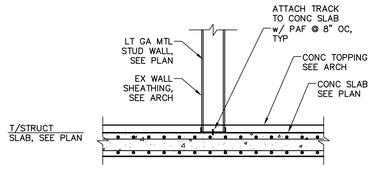
NOTE:
BEAM ON ONLY ONE SIDE OF COLUMN AT SIM

8 S4.01 DETAIL
SCALE: NTS

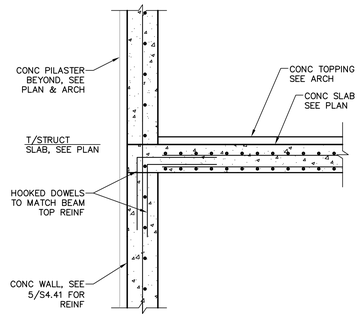


NOTE:
BEAM ON ONLY ONE SIDE OF COLUMN AT SIM

9 S4.01 DETAIL
SCALE: NTS



10 S4.01 DETAIL
SCALE: NTS



11 S4.01 DETAIL
SCALE: NTS

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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM AND SPORT COMPLEX

DRAWING INFORMATION:
BEAM & SLAB DETAILS

DATE: 02-19-20
DRAWN BY: SGF

SHEET NUMBER:
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CONCRETE BEAM SCHEDULE

BEAM MARK	BEAM SIZE (INCHES)		TOP BARS (LEFT)	BOT BARS	TOP BARS (RIGHT)	STIRRUPS				REMARKS
	"W"	"D"				SIZE	# LEGS	OPEN/ CLOSED	SPACING (FROM EA. END UON)	
C-BM1	20	30	4-#5	4-#7	4-#5	#4	2	CLOSED	4" OC	
C-BM2	20	30	4-#5	5-#9	4-#5	#4	2	CLOSED	4" OC	
C-BM3	20	30	4-#5	5-#10	4-#5	#4	2	CLOSED	4" OC	
C-BM4	20	30	4-#5	4-#8	4-#5	#4	2	CLOSED	4" OC	
C-BM5	20	30	4-#5	5-#8	4-#5	#4	2	CLOSED	4" OC	
C-BM6	20	30	4-#5	5-#10	4-#5	#4	2	CLOSED	4" OC	
C-BM7	20	30	4-#5	4-#6	4-#5	#4	2	CLOSED	4" OC	
C-BM8	8	24	4-#5	4-#5	4-#5	#3	2	CLOSED	4" OC	
C-BM9	24	24	4-#5	4-#7	4-#5	#4	2	CLOSED	4" OC	

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BEAM & SLAB SCHEDULES

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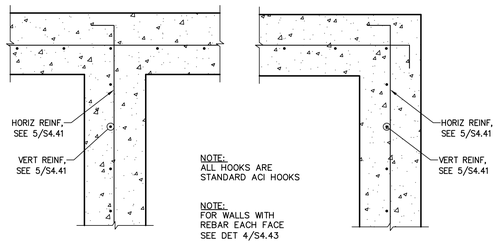
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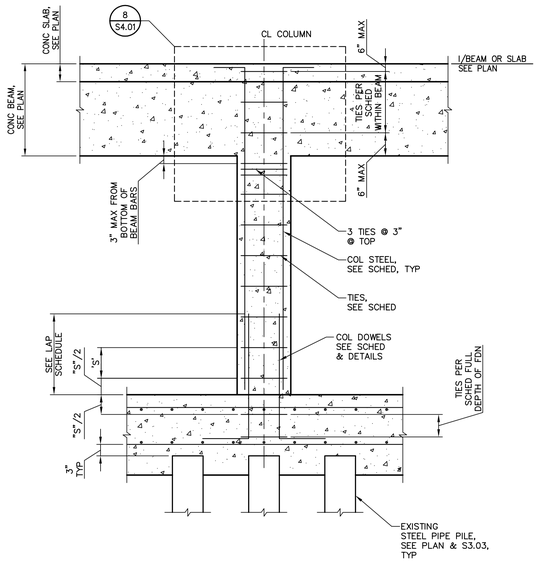
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1 S4.11 TYP CONC WALL CORNERS & INTERSECTIONS

SCALE: NTS



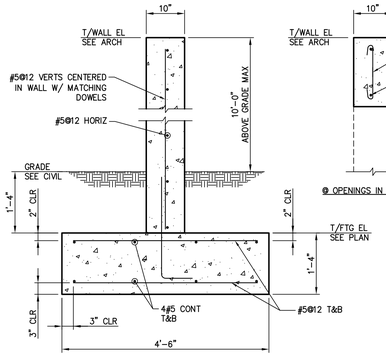
2 S4.11 TYP COLUMN & FOOTING

SCALE: NTS

CONCRETE REINFORCEMENT LAP SPLICE SCHEDULE (INCHES)		
BAR SIZE	HORIZONTAL BARS	VERTICAL BARS
#4	32	24
#5	40	32
#6	48	38
#7	70	54
#8	80	62
#9	90	70
#10	100	78

3 S4.11 SCHEDULE

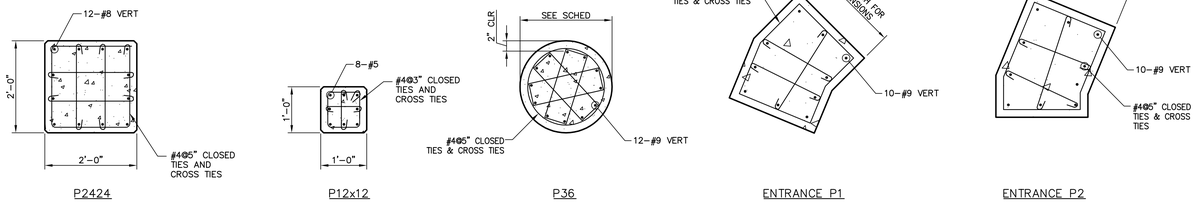
SCALE: NTS



NOTES:
1. SEE ARCH & CIVIL FOR LOCATION AND EXTENTS.
2. SHALLOW WALL FOUNDATION WAS DESIGNED FOR 3,500 PSF SOIL BEARING CAPACITY. GEOTECHNICAL ENGINEER MUST VERIFY THE SOIL CAPACITY AND WHETHER SHALLOW FOOTINGS ARE SUITABLE FOR THE ENTIRE EXTENTS OF THE WALL.
3. MAX OPENING EQUALS 8'-0".
4. COORD. W/ ARCH & CIVIL FOR LOCATIONS AND SIZE OF OPENINGS.

4 S4.11 SECTION @ FIELD WALL

SCALE: NTS



CONCRETE COLUMN/PILASTER NOTES:
1) CONTINUE WALL REINF. THROUGH COLUMN WHERE APPLICABLE.
2) CHAMFER EXPOSED CORNERS PER GENERAL NOTES.
3) SEE FOUNDATION PLAN FOR LOCATIONS.

5 S4.11 DETAIL

SCALE: NTS

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COLUMN SCHEDULE AND DETAILS

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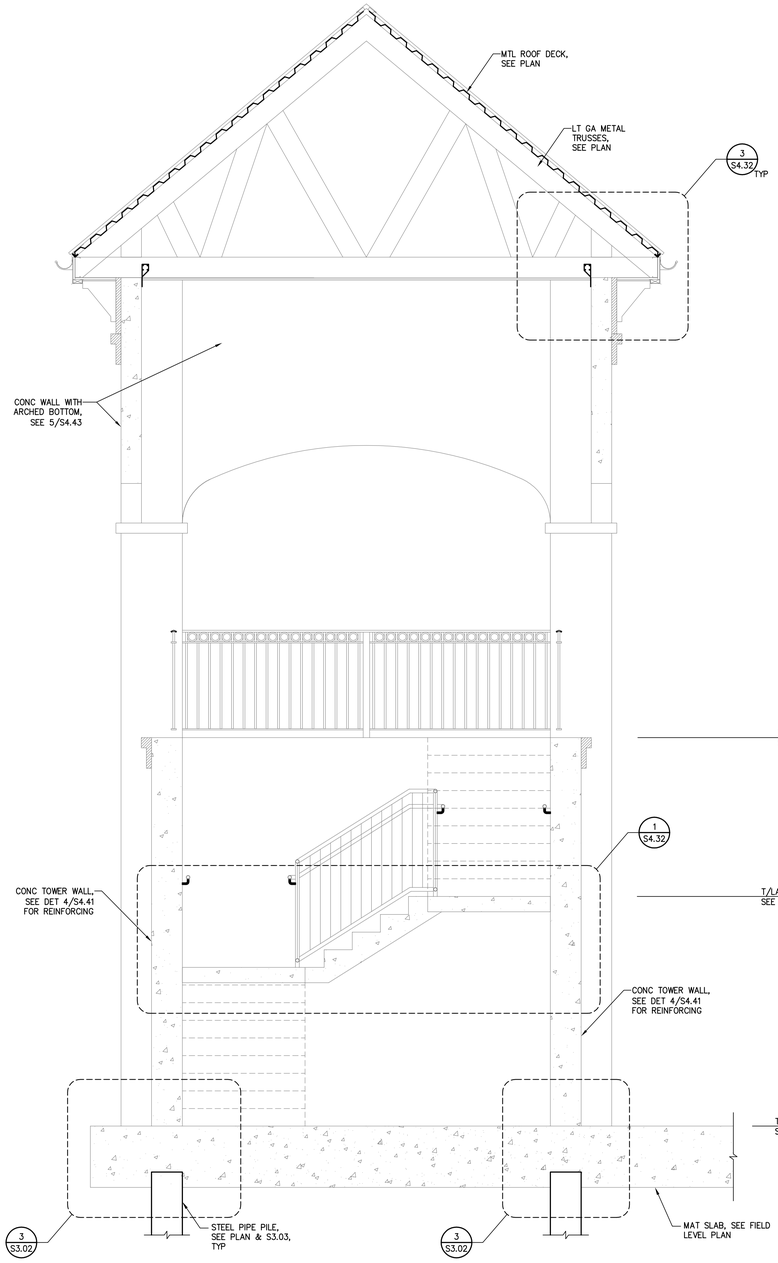
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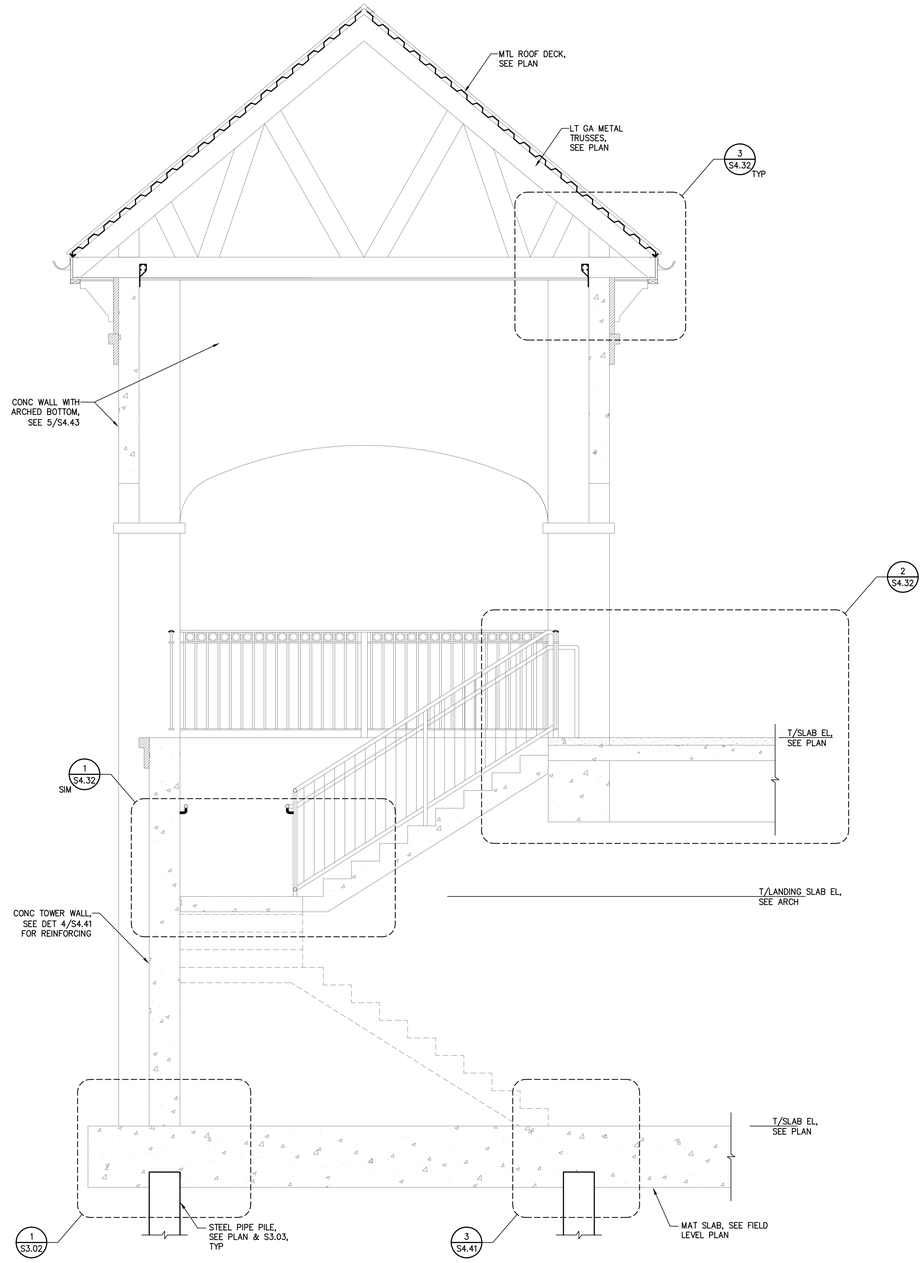
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1 S4.31 STAIR TOWER SECTION
SCALE: NTS



2 S4.31 STAIR TOWER SECTION
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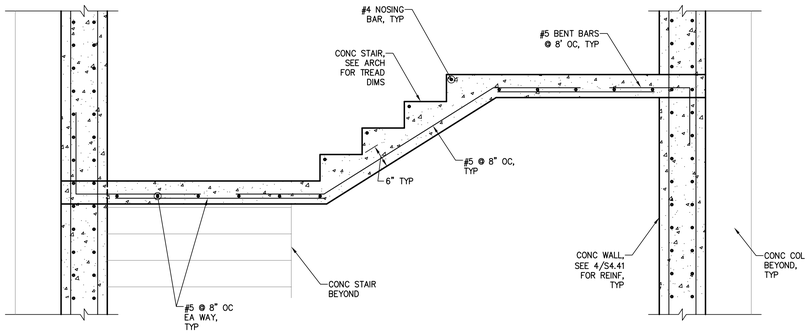
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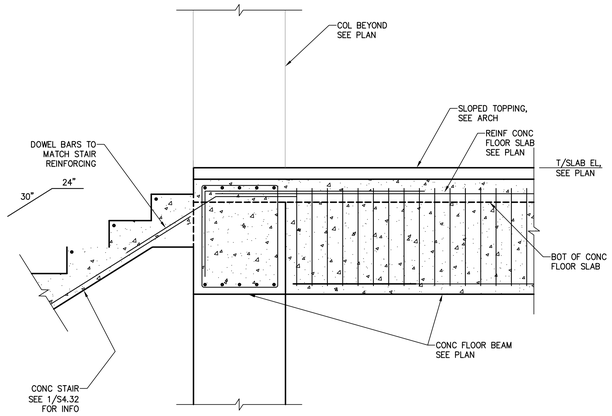
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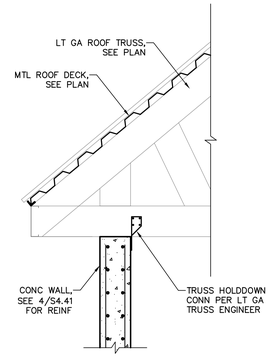
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1 S4.32 DETAIL
SCALE: NTS



2 S4.32 DETAIL
SCALE: NTS



3 S4.32 DETAIL
SCALE: NTS

4 S4.32 DETAIL
SCALE: NTS

5 S4.32 DETAIL
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6 S4.32 DETAIL
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7 S4.32 DETAIL
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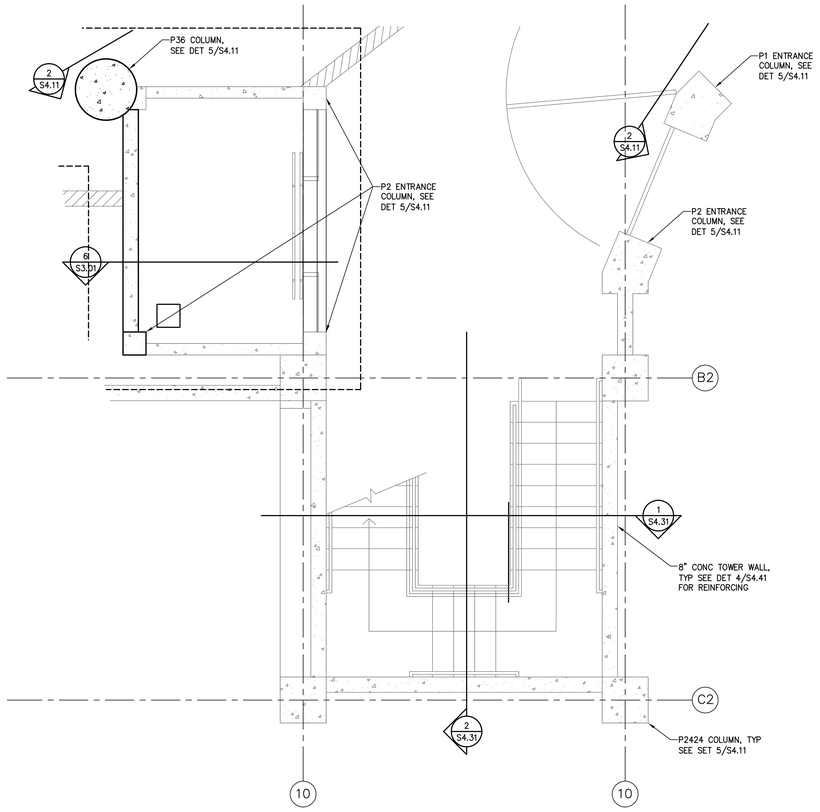
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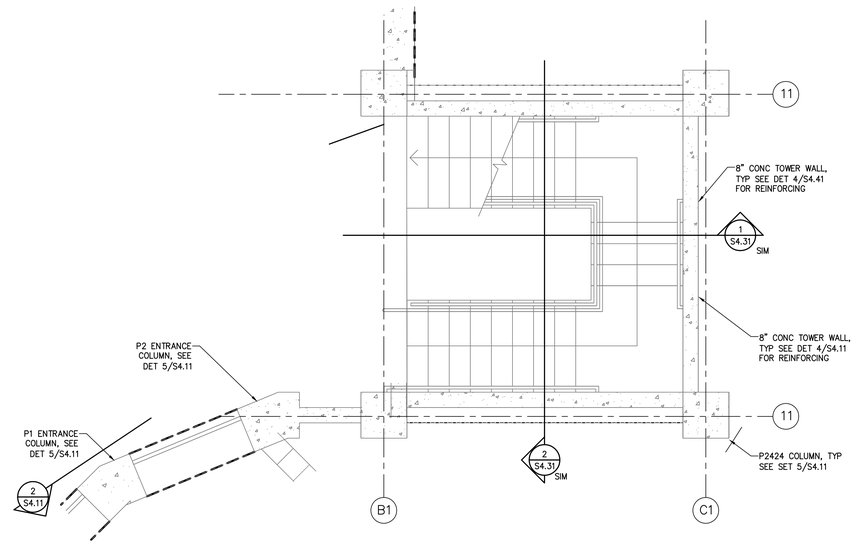
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NOTE: PILES NOT SHOWN FOR CLARITY, SEE S1.13 FOR PILE LOCATIONS

1 S4.41 SHEARWALL PLAN @ GRID B.2–10

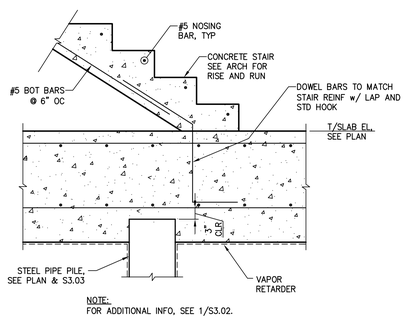
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NOTE: PILES NOT SHOWN FOR CLARITY, SEE S1.13 FOR PILE LOCATIONS

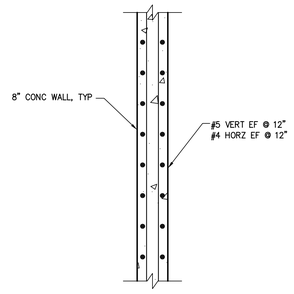
2 S4.41 SHEARWALL PLAN @ GRID B.1–11

SCALE: NTS



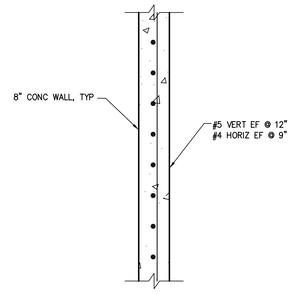
3 S4.41 SECTION

SCALE: NTS



4 S4.41 TOWER WALL REINF DETAIL

SCALE: NTS



5 S4.41 TYP CONC WALL REINF DETAIL

SCALE: NTS

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PROJECT:

FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:

SHEARWALL DETAILS

DATE: 02-19-20

DRAWN BY: AGO

SHEET NUMBER:

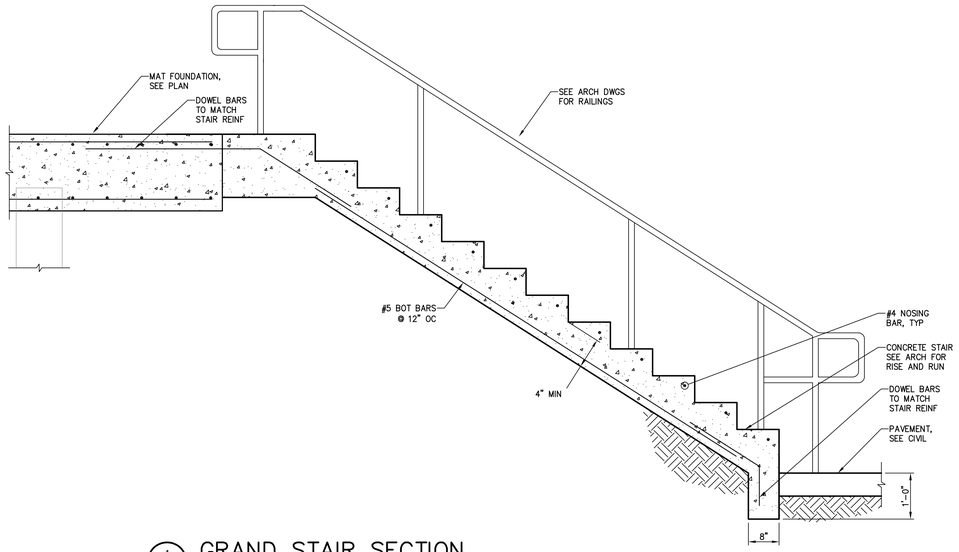
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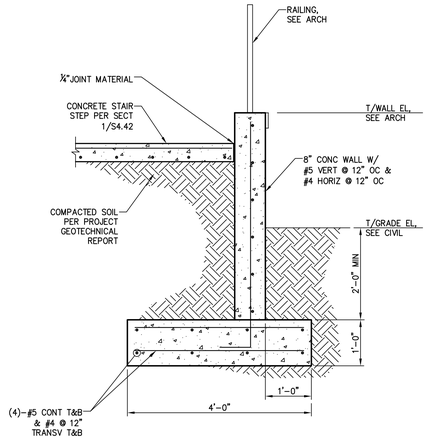
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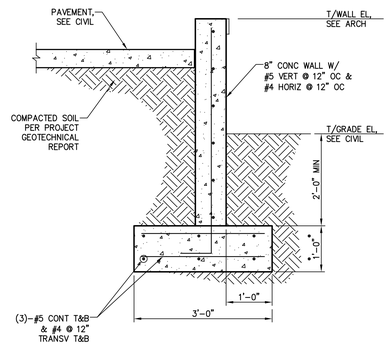
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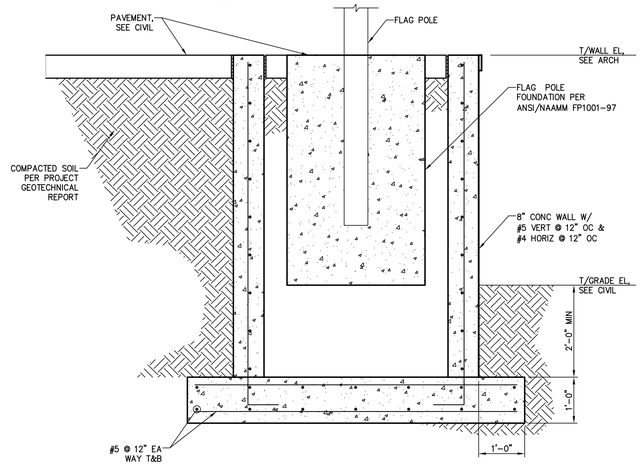
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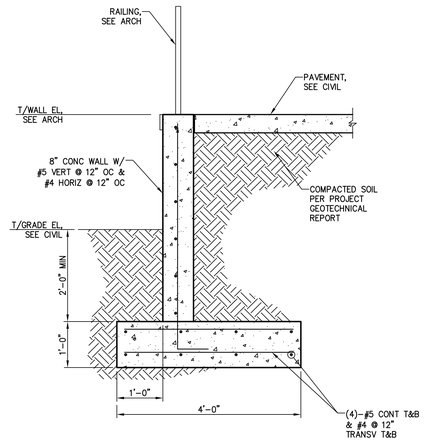
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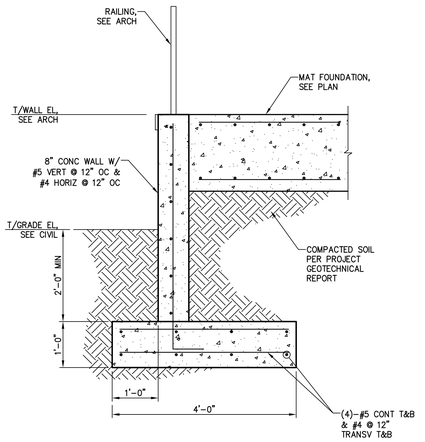
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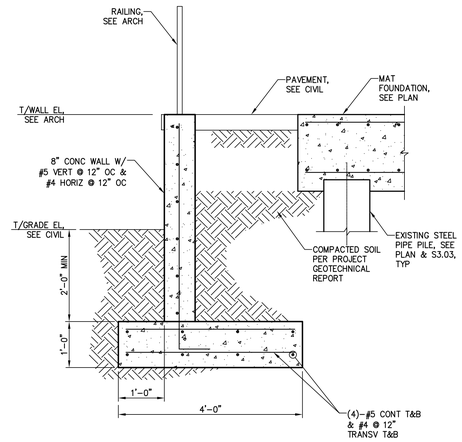
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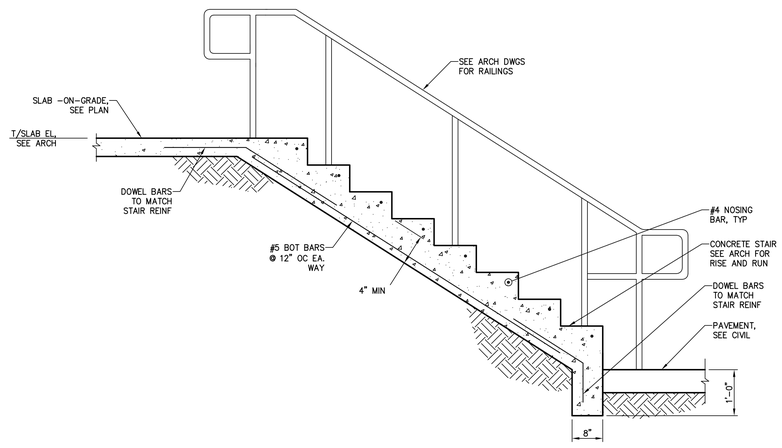
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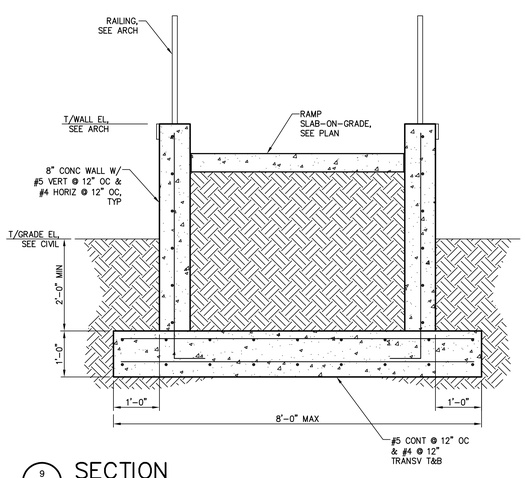
6 S4.42 **SECTION**
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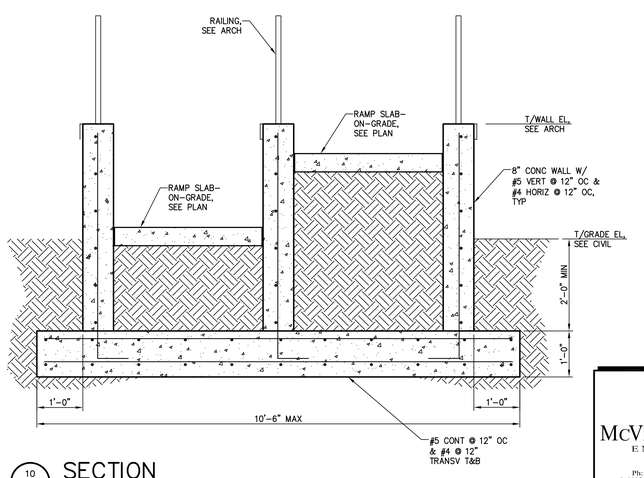
7 S4.42 **SECTION**
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8 S4.42 **SECTION**
SCALE: NTS



9 S4.42 **SECTION**
SCALE: NTS



10 S4.42 **SECTION**
SCALE: NTS

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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
GRAND STAIR AND SITE WALL DETAILS

PROFESSIONAL ENGINEER
U.S. VIRGIN ISLANDS
3-16-20
MATTHEW C. MAIN
1431-E

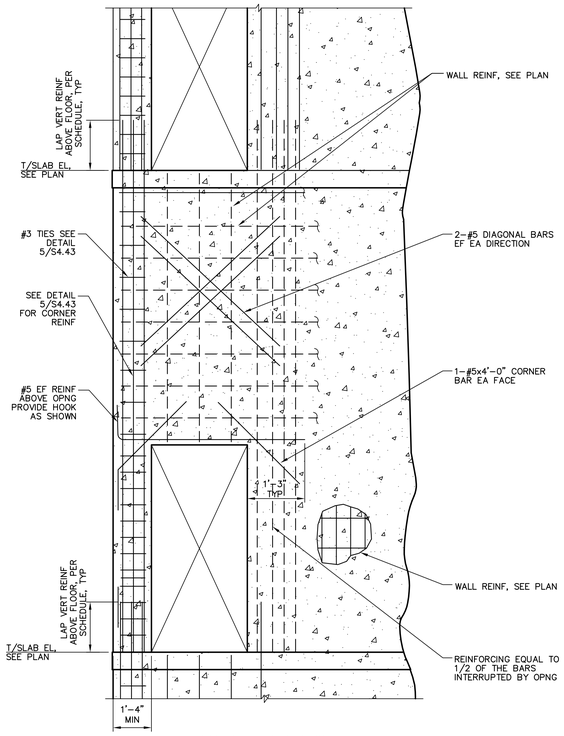
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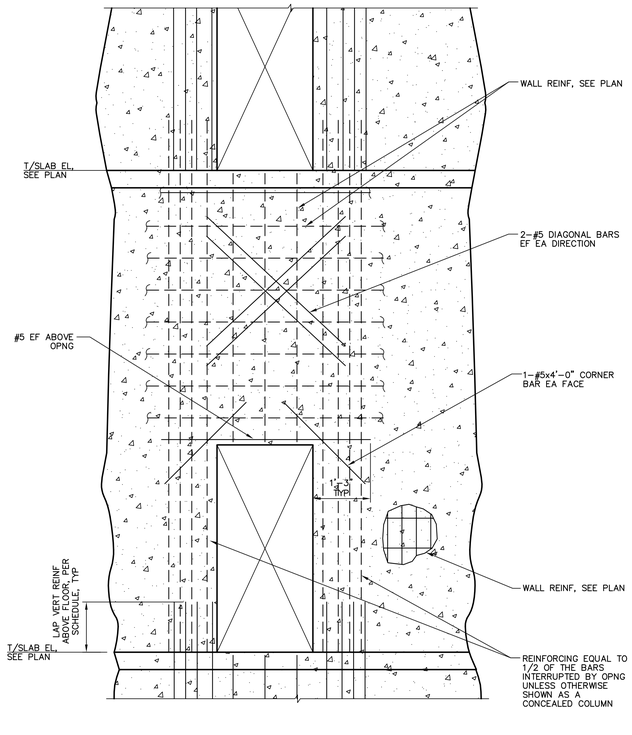
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DOOR OPNG @ CORNERS



TYP DOOR OPNG

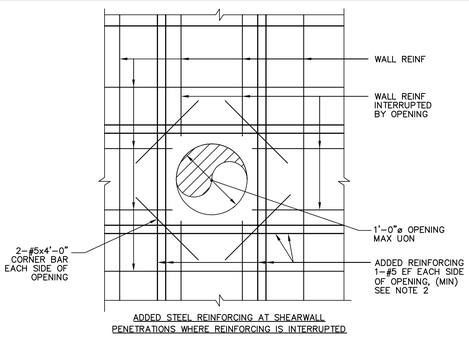
1 S4.43 DOOR OPENING DETAILS

SCALE: NTS

SHEARWALL REINFORCEMENT LAP SPLICE SCHEDULE (INCHES)		
BAR SIZE	HORIZONTAL BARS	VERTICAL BARS
#4	32	24
#5	40	32
#6	48	38
#7	70	54
#8	80	62

2 S4.43 SCHEDULE

SCALE: NTS

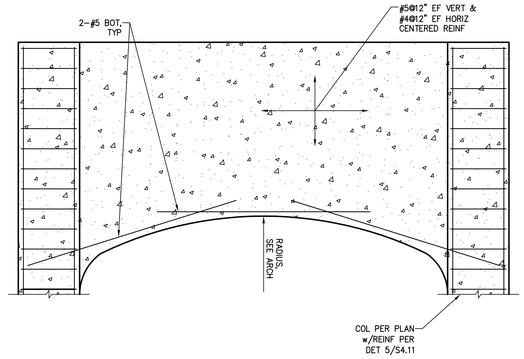


ADDED STEEL REINFORCING AT SHEARWALL PENETRATIONS WHERE REINFORCING IS INTERRUPTED

NOTES:
1) NO PENETRATION ARE PERMITTED IN SHEARWALLS WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER, UNLESS OTHERWISE SHOWN.
2) ADDED REINFORCING EQUAL TO 1/2 OF THE BARS INTERRUPTED BY OPENING, MINIMUM 1-#5 EF, TYP.

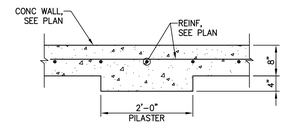
3 S4.43 WALL OPENING DETAIL

SCALE: NTS



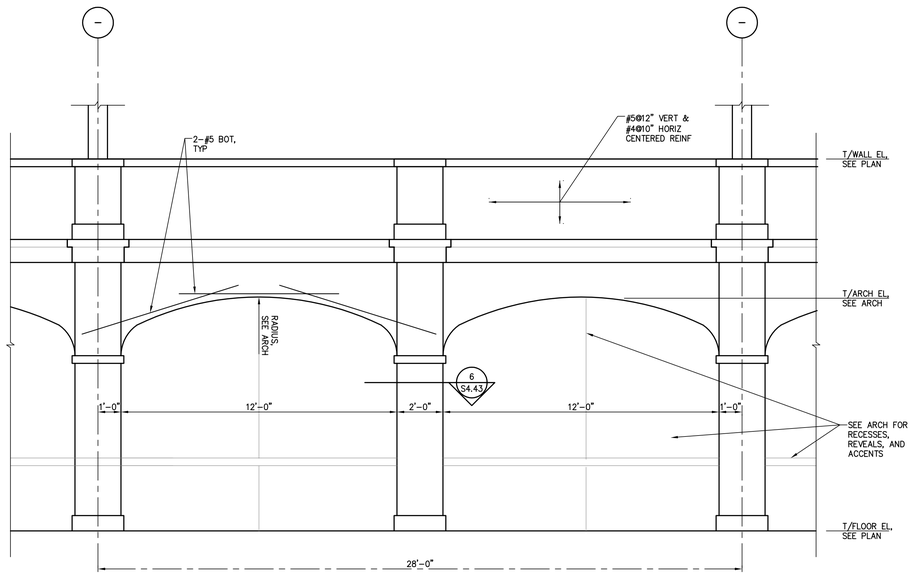
5 S4.43 DETAIL

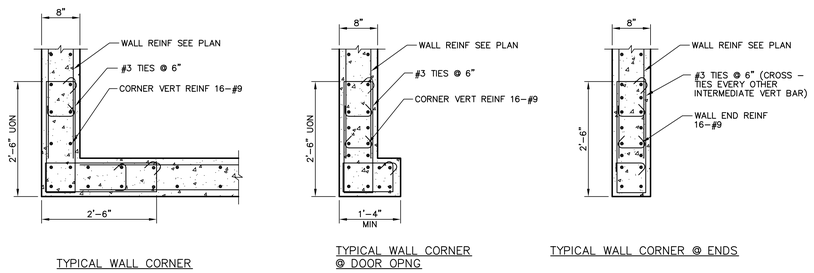
SCALE: NTS



6 S4.43 DETAIL

SCALE: NTS





TYPICAL WALL CORNER

TYPICAL WALL CORNER @ DOOR OPNG

TYPICAL WALL CORNER @ ENDS

4 S4.43 TOWER CONC WALL DETAILS

SCALE: NTS

7 S4.43 TYPICAL WALL ELEVATION ALONG GRID B

SCALE: NTS

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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM AND SPORT COMPLEX

DRAWING INFORMATION:
SHEARWALL DETAILS

DATE: 02-19-20
DRAWN BY: SGF

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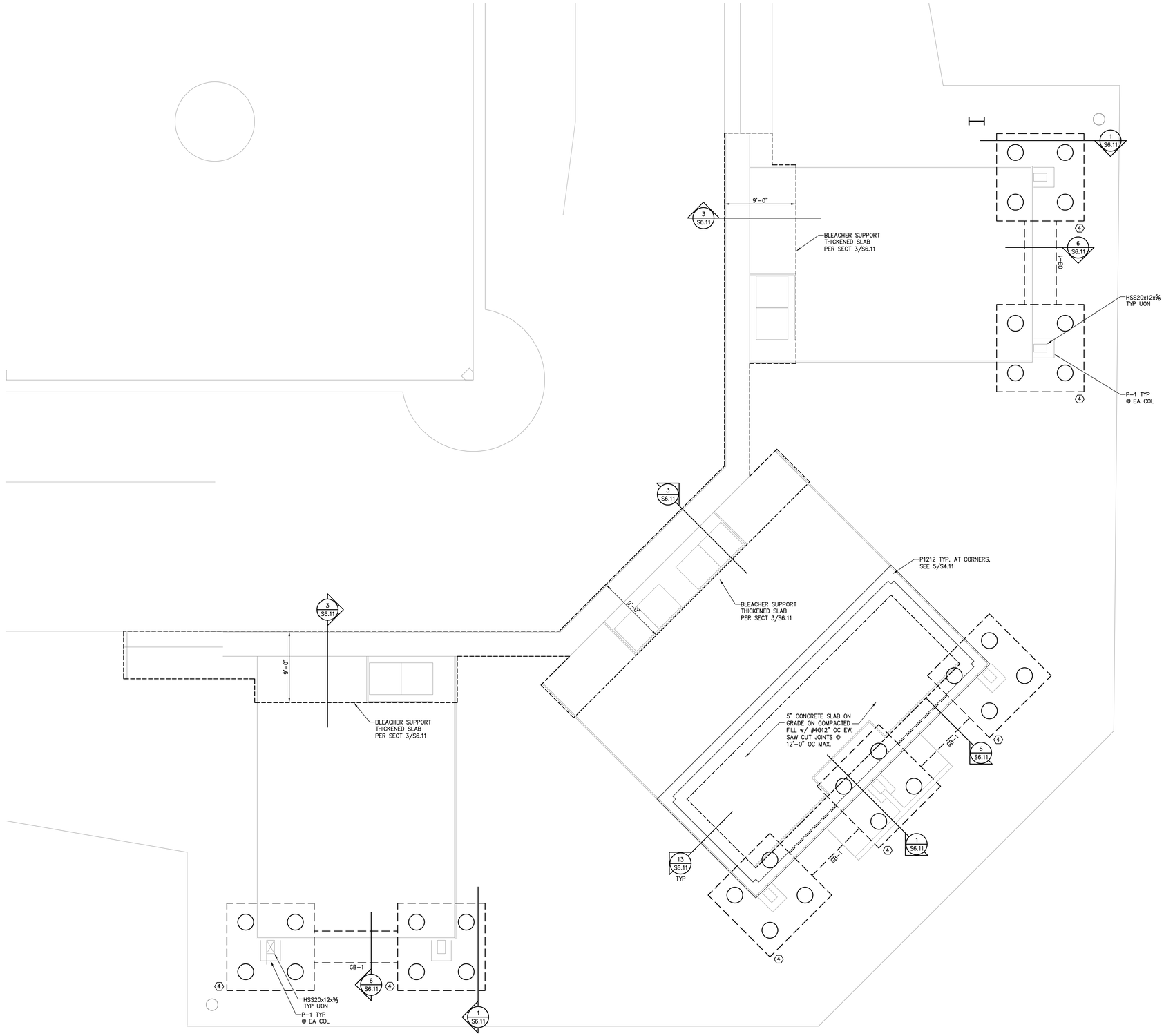
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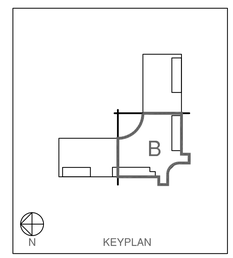
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1 S6.01 TERRENCE MARTIN FIELD FOUNDATION PLAN

SCALE: 3/16" = 1'-0"

PLAN NOTES:
1) (#) DENOTES REINFORCED CONCRETE PILE CAP. SEE DETAIL 3/XX.XX FOR PILE CAP DIMENSIONS & REINFORCEMENT AND PILE INFORMATION.
2) P-1 DENOTES 30"x42" REINFORCED CONCRETE PIER SEE DETAIL 4/S6.11.
3) GB-1 DENOTES 36"x36" REINFORCED CONCRETE GRADE BEAM SEE DETAIL 6/S6.11.



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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
TERRANCE MARTIN FIELD
FOUNDATION PLAN

DATE: 02-19-20
DRAWN BY: SGF

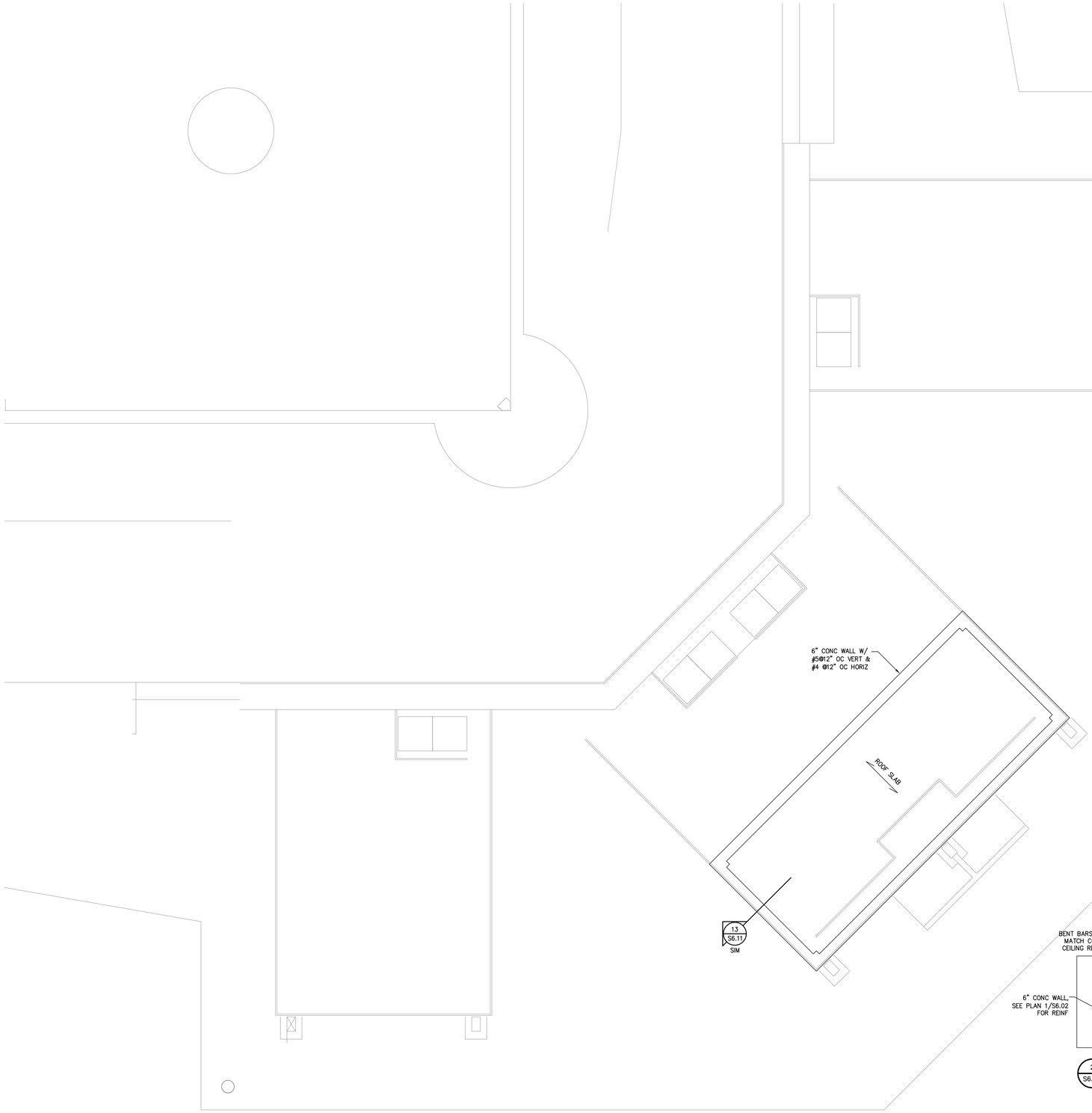
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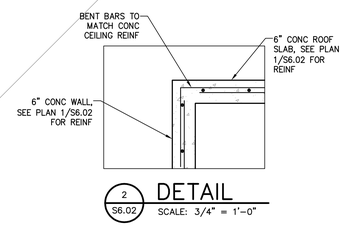
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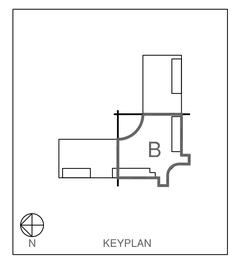




2 S6.02 DETAIL
SCALE: 3/4" = 1'-0"

PLAN NOTES:

1) ROOF SLAB DENOTES 6" A ROOF SLAB REINF W/ #5@12" OC BOT IN DIRECTION SHOWN AND #4@12" OC BOT TRANSV .



1 S6.02 TERRENCE MARTIN FIELD BATHROOM ROOF PLAN
SCALE: 3/16" = 1'-0"

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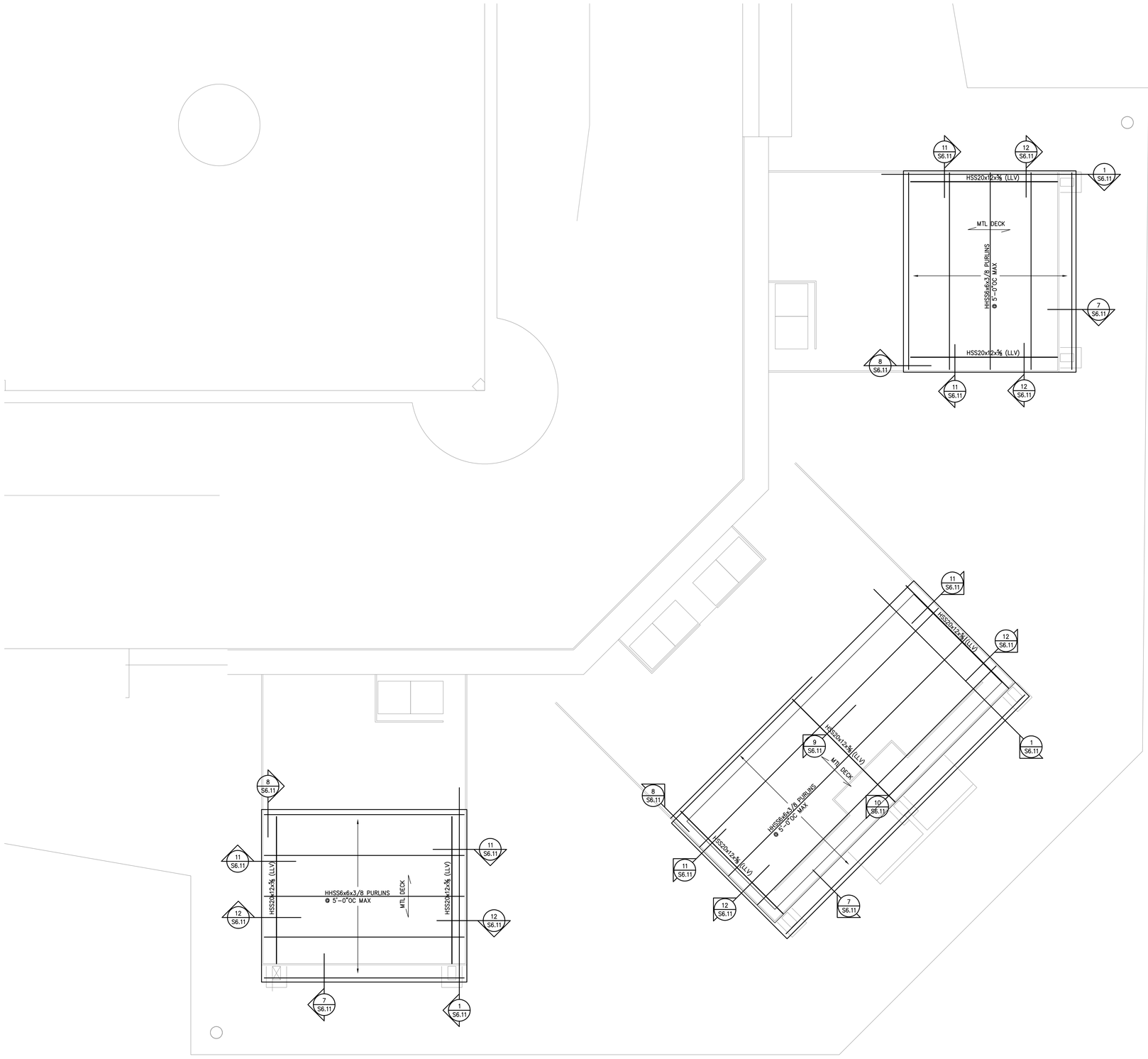
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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
TERRANCE MARTIN FIELD
BATHROOM ROOF PLAN

DATE: 02-19-20
DRAWN BY: SGF

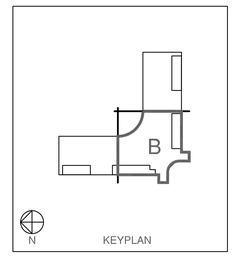
SHEET NUMBER:
S6.02



1 S6.03 TERRENCE MARTIN FIELD CANOPY ROOF PLAN
SCALE: 3/16" = 1'-0"

PLAN NOTES:

1) MTL DECK — DENOTES 1 1/2" x 20 GA TYPE B MTL ROOF DECK SPANNING IN DIRECTION SHOWN.
2) CANOPY ROOF DESIGN SHOWN ON THIS SHEET MAY BE SUBSTITUTED WITH A PRE-ENGINEERED CANOPY STRUCTURE. PRE-ENGINEERED CANOPY STRUCTURE REQUIRES SIGNED AND SEALED DESIGN DRAWINGS AND CALCULATIONS BY A LICENSED PROFESSIONAL ENGINEER FOR REVIEW AND APPROVAL BY THE PROJECT ENGINEER OF RECORD.



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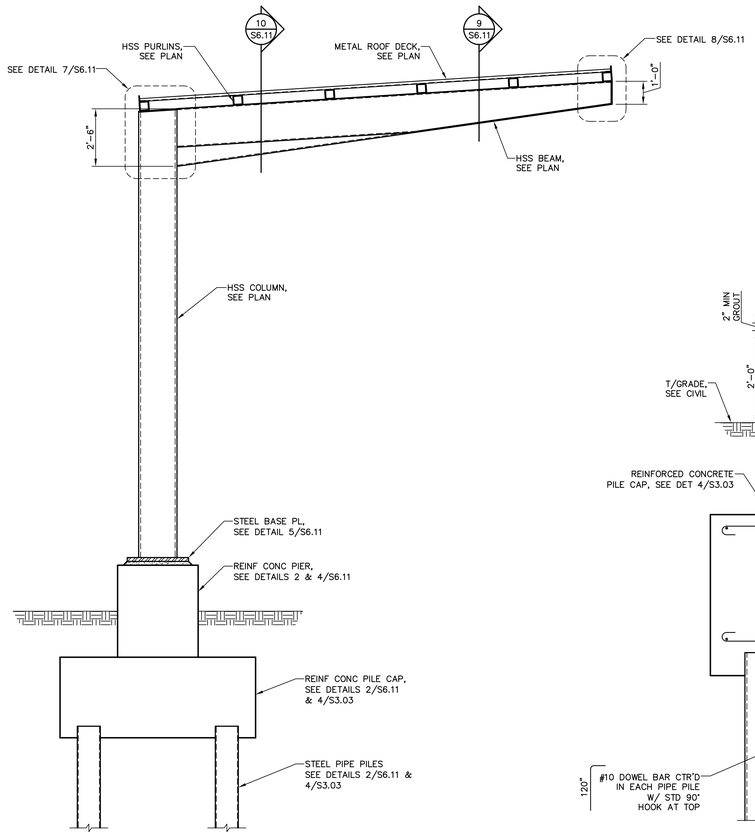
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DRAWING INFORMATION:
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CANOPY ROOF PLAN

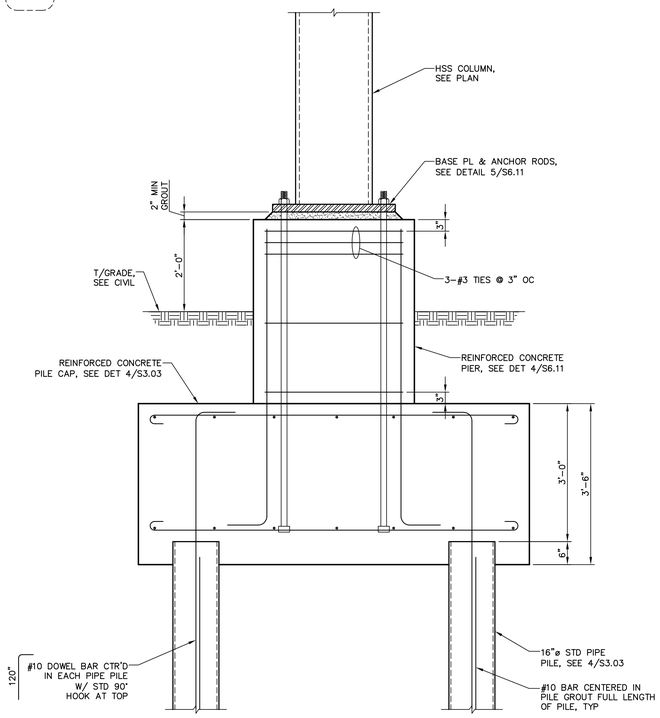
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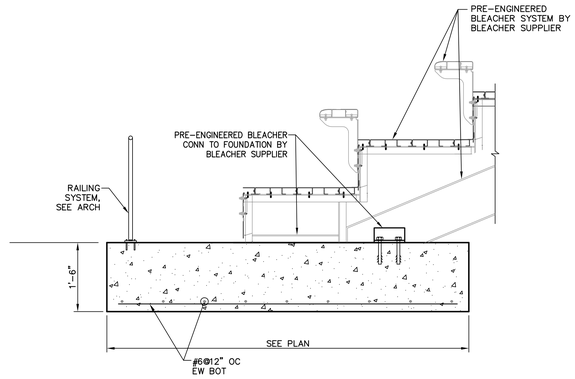
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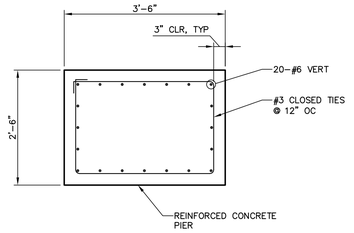
1 S6.11 **SECTION**
SCALE: 3/8" = 1'-0"



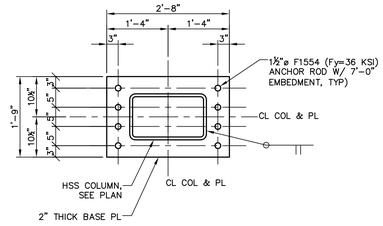
2 S6.11 **SECTION**
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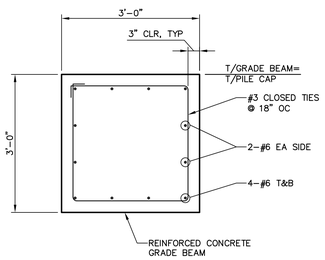
3 S6.11 **SECTION**
SCALE: 3/8" = 1'-0"



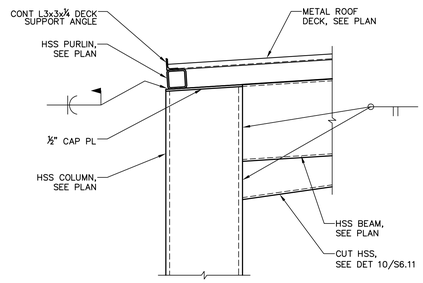
4 S6.11 **REINF CONC PIER**
SCALE: 3/4" = 1'-0"



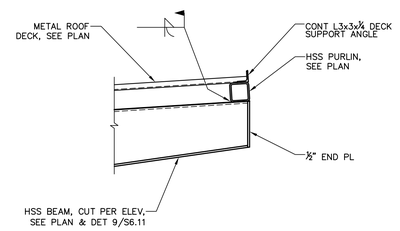
5 S6.11 **BASE PL DETAIL**
SCALE: 3/4" = 1'-0"



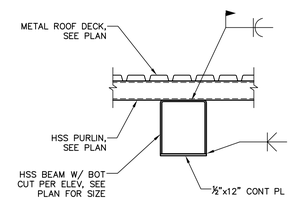
6 S6.11 **REINF CONC GRADE BEAM**
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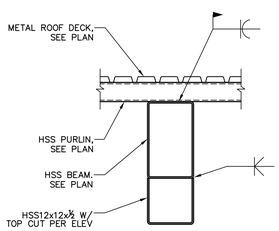
7 S6.11 **DETAIL**
SCALE: 3/4" = 1'-0"



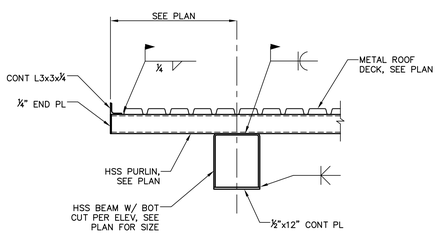
8 S6.11 **DETAIL**
SCALE: 3/4" = 1'-0"



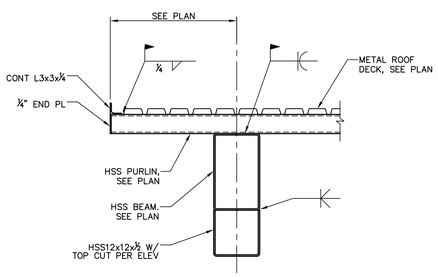
9 S6.11 **DETAIL**
SCALE: 3/4" = 1'-0"



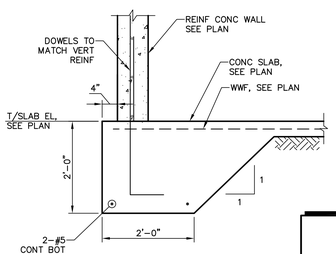
10 S6.11 **DETAIL**
SCALE: 3/4" = 1'-0"



11 S6.11 **DETAIL**
SCALE: 3/4" = 1'-0"



12 S6.11 **DETAIL**
SCALE: 3/4" = 1'-0"



13 S6.11 **SECTION**
SCALE: 3/4" = 1'-0"

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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
TERRENCE MARTIN FIELD
DETAILS

DATE: 02-19-20
DRAWN BY: SGF

SHEET NUMBER:
S6.11

PROFESSIONAL ENGINEER
3-16-20
MATTHEW C. MAIN
1431-E
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CONSTRUCTION ISSUE 03.16.20

X:\2014\14188 (Paul E. Joseph Stadium and Sports Complex)\14188_dwg\14188 S6.11 TERRENCE MARTIN FIELD DETAILS.dwg, 04/02/2020 11:55 AM, cgutierrez
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DUCTLESS MINI-SPLIT – COOLING ONLY

INDOOR UNIT										OUTDOOR UNIT								
UNIT DESIGNATION	AREA SERVED	TOTAL CAPACITY		SUPPY FAN				MFR	MODEL NUMBER	UNIT DESIGNATION	LOCATION	COOLING CAPACITY (BTU/HR)	ELECTRICAL			WEIGHT (LBS)	MFR	MODEL NUMBER
		BTU/HR	TONS	SUPPY AIR (CFM)	ESP ("W.G.)	MCA/MOCP	ELECT ELECT V-PH-HZ						V-PH-HZ	MCA	MOCP			
DAC-1	ELEVATOR CONTROL ROOM	12,000	1	317	0	1/NOTE 3	208/1/60	MITSUBISHI	MSY-GE12NA-8	DCU-1	GROUND CONCRETE PAD	12,000	208/1/60	12	15	109	MITSUBISHI	MUY-GE12NA

REMARKS:
1. DC INVERTER MOTOR ON COMPRESSOR
2. INCLUDE WIRED THERMOSTAT
3. POWER FOR INDOOR UNIT IS DERIVED FROM OUTDOOR UNIT

FAN SCHEDULE

PLAN SYMBOL	LOCATION / SERVICE	FAN TYPE	DRIVE TYPE	VFD DRIVEN	CFM @ IN W.G.	SONES @0.1" PS	MOTOR HP	VOLTAGE /PH	FILTER RACK	ROOF CURB	WALL CAP	WEIGHT (LBS.)	BASIS OF DESIGN	NOTES
EF-1	ROOFTOP/LOCKER AND RESTROOMS	B	BELT	NO	3,150 CFM @ 0.50 IN W.G.	56	1/2 HP	120/1	NO	YES	N/A	700	GREENHECK LB-21-5	2,3,5,7
EF-2	ROOFTOP/LOCKER AND RESTROOMS	B	BELT	NO	3,550 CFM @ 0.50 IN W.G.	55	1/2 HP	120/1	NO	YES	N/A	700	GREENHECK LB-21-5	2,3,5,7
EF-3	CONCOURSE RESTROOMS	B	BELT	NO	1,500 CFM @ 0.15 IN W.G.	56	1/4 HP	120/1	NO	YES	N/A	550	GREENHECK LB-18-4	2,3,5,7
EF-4	CONCOURSE RESTROOMS	B	BELT	NO	1,500 CFM @ 0.15 IN W.G.	56	1/4 HP	120/1	NO	YES	N/A	550	GREENHECK LB-18-4	2,3,5,7
EF-5	ELECTRICAL ROOM	B	BELT	NO	4,500 CFM @ 0.10 IN W.G.	10.5	1/2 HP	120/1	NO	YES	N/A	266	GREENHECK CUE 240	2,3,5,7

NOTES:
1. INCLUDE 20 INCH ROOF CURB
2. ALUMINUM CONSTRUCTION
3. INCLUDE BIRDSCREEN
4. INCLUDE NEOPRENE VIBRATION ISOLATOR
5. INCLUDE BACKDRAFT DAMPER
6. HOUSING WITH WALL SLEEVE OSHA MOTOR GUARD
7. SOLID STATE MANUAL SPPED CONTROLLER FOR BALANCING DIRECT DRIVE FANS
8. ACROSS THE LINE THERMOSTAT CONTROL

FAN TYPE A=CEILING MOUNTED CENTRIFUGAL.
FAN TYPE B=SIDEWALL CENTRIFUGAL EXHAUST FAN.
FAN TYPE C=ROOFTOP DOWN-BLAST CENTRIFUGAL.

DIFFUSER REGISTER & GRILLE SCHEDULE

PLAN SYMBOL	DEVICE DESCRIPTION	OPPOSED BLADE DAMPER INCLUDED	NECK SHAPE	COLOR	CEILING TYPE
S	SIDEWALL REGISTER FOR EXHAUST MATERIAL ALUMINUM OR STEEL VOLUME CONTROL DAMPER FOR BALANCING. SADDLE TAP FOR MOUNTING DIRECTLY TO ROUND EXHAUST DUCT. BASIS OF DESIGN PRICE ASPD	YES	RECTANGULAR	CONSULT ARCHITECT	DUCT MOUNTED
E	CEILING EGGCRATE EXHAUST GRILLE 10" NECK SIZE MATERIAL ALUMINUM BASIS OF DESIGN PRICE	NONE	ROUND	CONSULT ARCHITECT	HARD CEILING

TITUS SMART DIGITAL DIFFUSER REQUIRES 1AMP POWER. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL NECESSARY TRANSFORMERS AS REQUIRED BY MANUFACTURER'S INSTALLATION. PROVIDE 120 VAC-TO-24 VAC OR SIMILAR DEVICES AS CALLED FOR BY MANUFACTURER.

WALL LOUVER SCHEDULE

LOUVER TAG	NOMINAL SIZE	DESIGN CFM	FREE AREA	VELOCITY ACROSS FREE AREA	BIRD SCREEN	INSECT SCREEN	BACKDRAFT DAMPER	MOTORIZED DAMPER	MODEL
L-1	40x32	1750	4.5	<500	Y	Y	Y	N	--
L-2	40x32	1750	4.5	<500	Y	Y	Y	N	--
L-3	40x32	1750	4.5	<500	Y	Y	Y	N	--
L-4	40x32	1750	4.5	<500	Y	Y	Y	N	--
L-5	32x24	1500	3	<500	Y	Y	Y	N	--
L-6	24x16	500	2.5	<375	Y	Y	Y	N	--
L-7	24x16	500	2.5	<375	Y	Y	Y	N	--

BASIS OF DESIGN: RUSKIN ELF375DX EXTRUDED ALUMINUM DRAINABLE

MECHANICAL GENERAL NOTES

1. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE 2012 – MECHANICAL VOLUME AND NFPA 90A-2012 AND NFPA 90B-2012. WHERE CONFLICTS OCCUR BETWEEN CODES THE MOST RESTRICTIVE REQUIREMENTS SHALL GOVERN.CONTRACTOR IS RESPONSIBLE FOR COMPLETING AND SUBMITTING ALL NECESSARY APPLICATIONS TO RECEIVE NECESSARY PERMITS FROM THE COUNTY (OR APPROPRIATE AUTHORITY HAVING JURISDICTION). CONTRACTOR IS RESPONSIBLE FOR ALL FEES AND RELATED COSTS ASSOCIATED WITH OBTAINING PERMITS. RELATED COSTS ARE TO INCLUDE BUT ARE NOT LIMITED TO ANY MILEAGE, TRAVEL COSTS, COURIER COSTS, POSTAGE, REPRODUCTION COSTS, ETC.
2. ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND SHALL BE EQUAL IN QUALITY, TYPE, CAPACITY EFFICIENCY AND ACCESSORIES TO THE EQUIPMENT NOTED ON THE DRAWINGS. ADJUSTMENTS TO CONSTRUCTION AND ACCESSORIES ON SUBSTITUTED EQUIPMENT MAY BE REQUIRED TO ACHIEVE THIS EQUALITY, AND SHALL BE INCLUDED AT NO EXTRA COST TO THE OWNER. MAKE ANY CHANGES IN DUCTWORK, PIPING, FRAMING, ETC., AS REQUIRED TO ACCOMMODATE SUBSTITUTED EQUIPMENT.
3. DUCTLESS MINI-SPLIT SYSTEMS ARE DX TYPE WITH NO HEAT. REFRIGERANT PIPING SHALL BE IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS. REFRIGERANT PIPING THROUGH ROOFING SHALL BE THROGH A PITCH POCKET. THE PITCH POCKET SHALL BE FLASHED AND SEALED IN ACCORDANCE WITH ROOFING CONTRACTOR.
4. REFRIGERANT PIPING INSULATION: AP ARMAFLEX , INSULATE WITH FLEXIBLE ELASTOMERIC THERMAL INSULATION, THERMAL CONDUCTIVITY: 0.27 WATER VAPOR TRANSMISSION: 0.10
5. DUCTWORK SHALL BE G90 GALVANIZED STEEL FABRICATED AND INSTALLED PER LATEST SMACNA GUIDELINES.

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
APPROX	APPROXIMATELY
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CU	CONDENSING UNIT
DAC	DUCTLESS AIR CONDITIONER
DCU	CONDENSING UNIT
EXIST	EXISTING
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
MVD	MANUAL VOLUME DAMPER
OA	OUTSIDE AIR
OBD	OPPOSED BLADE DAMPER
RECT	RECTANGULAR
RND	ROUND

DRAWING INDEX

NUMBER	DESCRIPTION
M0.1	MECHANICAL GENERAL NOTES, LEGEND, AND ABBREVIATIONS
M1.0	FIELD LEVEL (PLAN A) MECHANICAL PLAN
M1.1	FIELD LEVEL (PLAN B) MECHANICAL PLAN
M1.2	FIELD LEVEL (PLAN C) MECHANICAL PLAN
M1.3	CONCOURSE LEVEL (PLAN A) MECHANICAL PLAN
M1.4	CONCOURSE LEVEL (PLAN B) MECHANICAL PLAN
M1.5	CONCOURSE LEVEL (PLAN C) MECHANICAL PLAN
M2.0	MECHANICAL DETAILS

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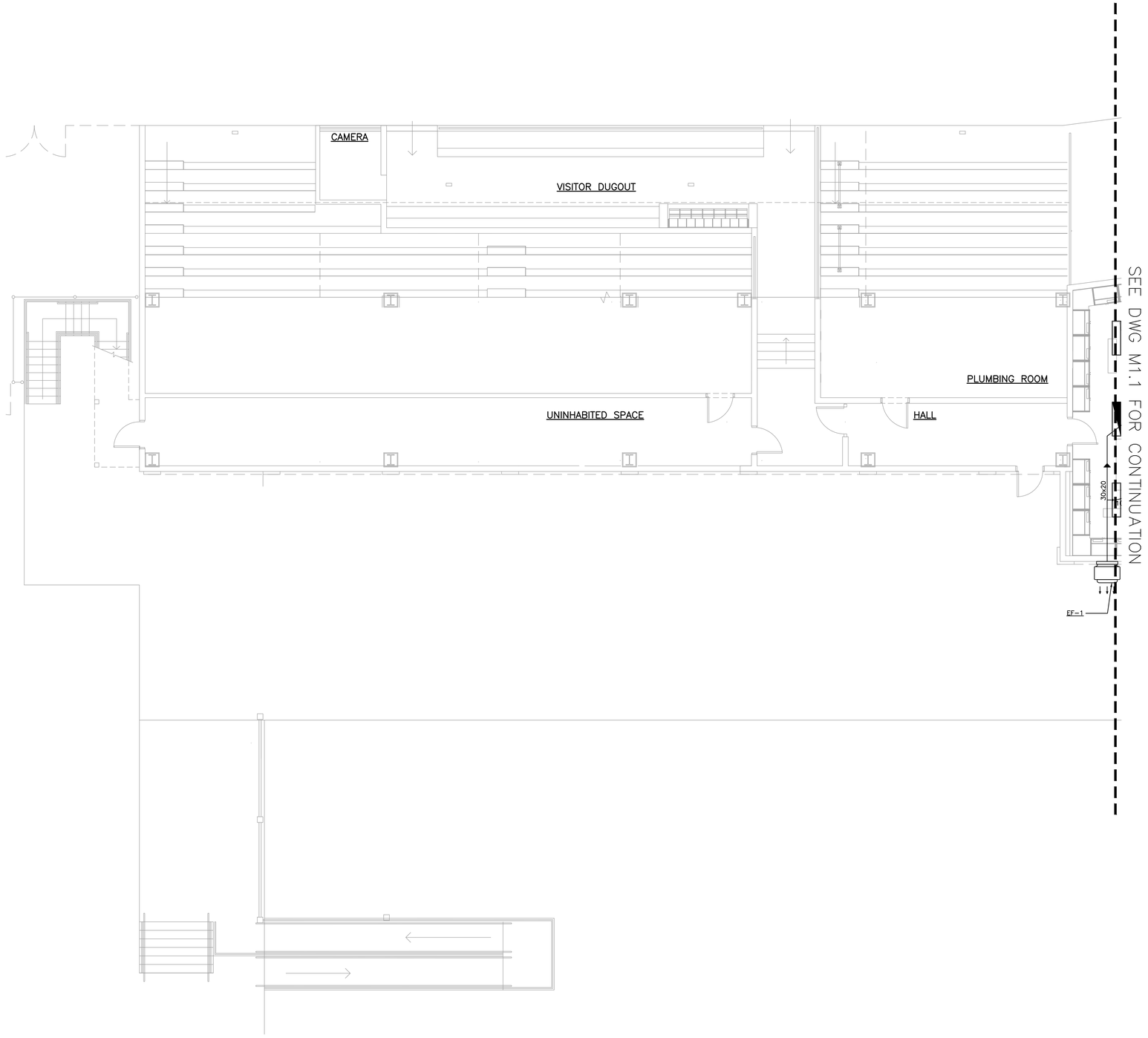
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DRAWING INFORMATION:
MECHANICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS

DATE: 3-16-2020
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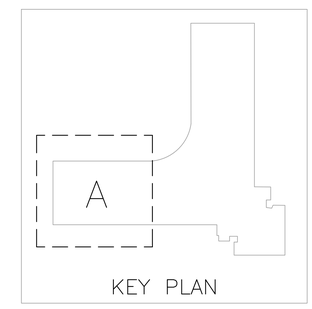
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FIELD LEVEL (PLAN A)
MECHANICAL HVAC PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'



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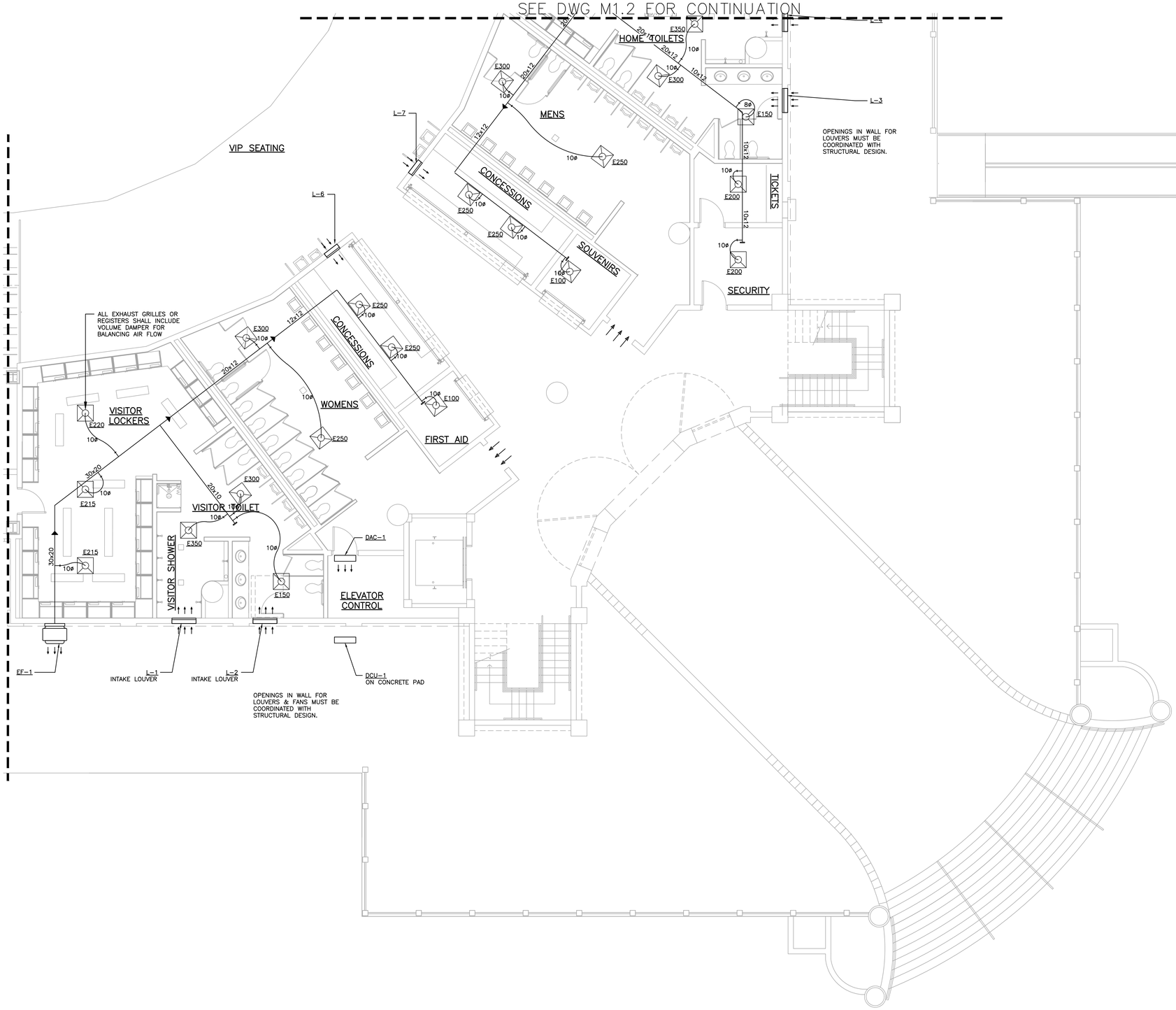
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FIELD LEVEL (PLAN A)
MECHANICAL HVAC PLAN

DATE: 3-16-2020
DRAWN BY: TJT

SHEET NUMBER:
M1.0

SEE DWG M1.2 FOR CONTINUATION

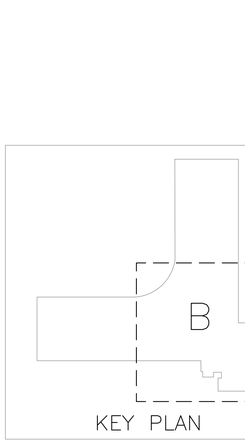
SEE DWG M1.0 FOR CONTINUATION



FIELD LEVEL (PLAN A)
MECHANICAL HVAC PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'



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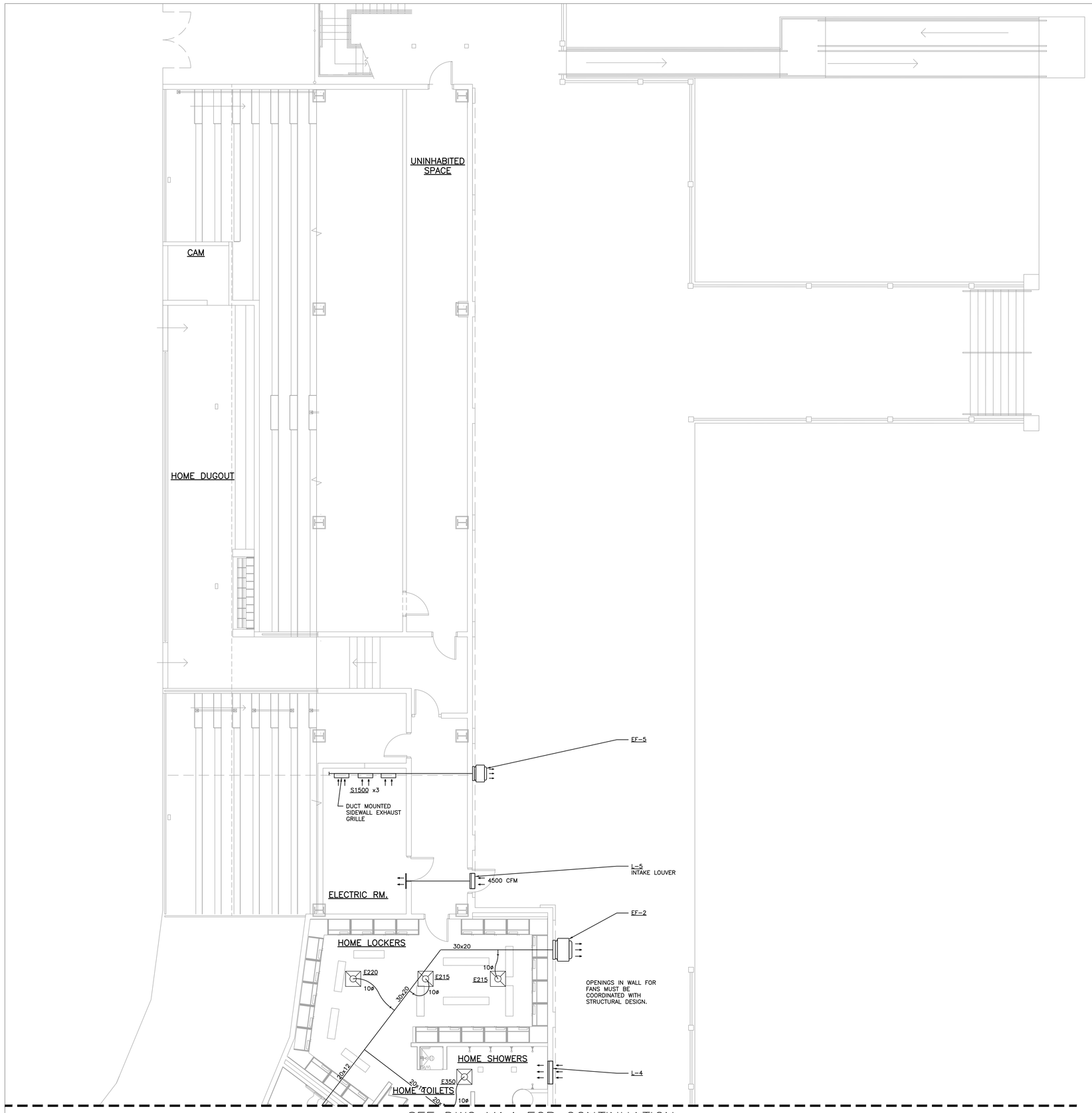
FIELD LEVEL (PLAN B)
MECHANICAL HVAC PLAN

DATE: 3-16-2020

DRAWN BY: TJT

SHEET NUMBER:

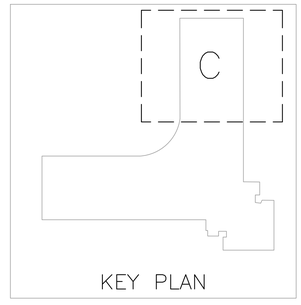
M1.1



FIELD LEVEL (PLAN C)
MECHANICAL HVAC PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'



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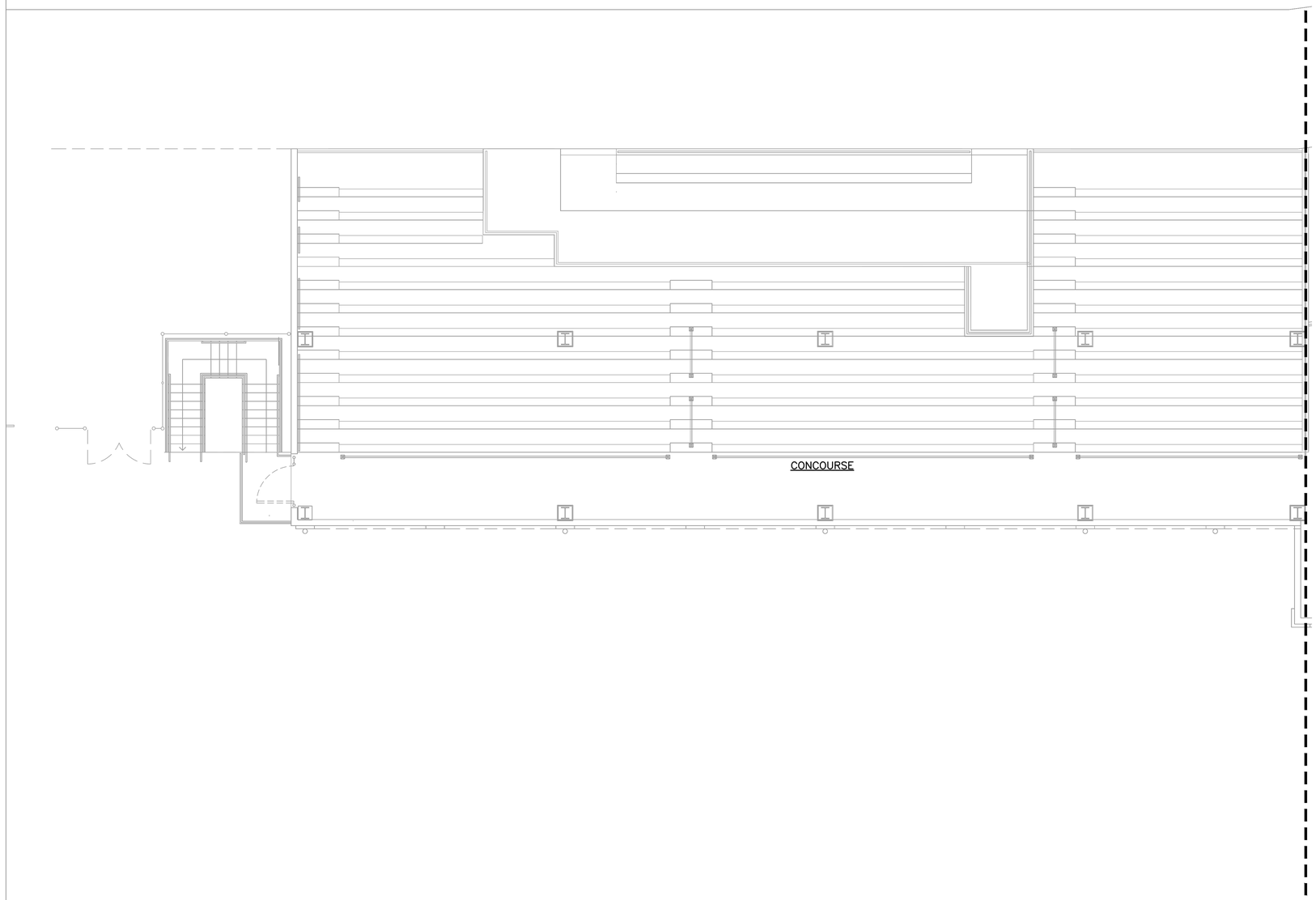
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FIELD LEVEL (PLAN C)
MECHANICAL HVAC PLAN

DATE: 3-16-2020
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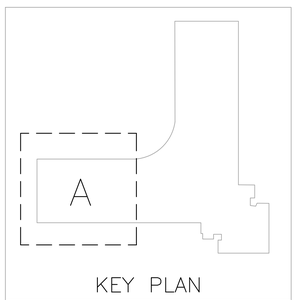
SHEET NUMBER:
M1.2



CONCOURSE LEVEL (PLAN A)
MECHANICAL HVAC PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'



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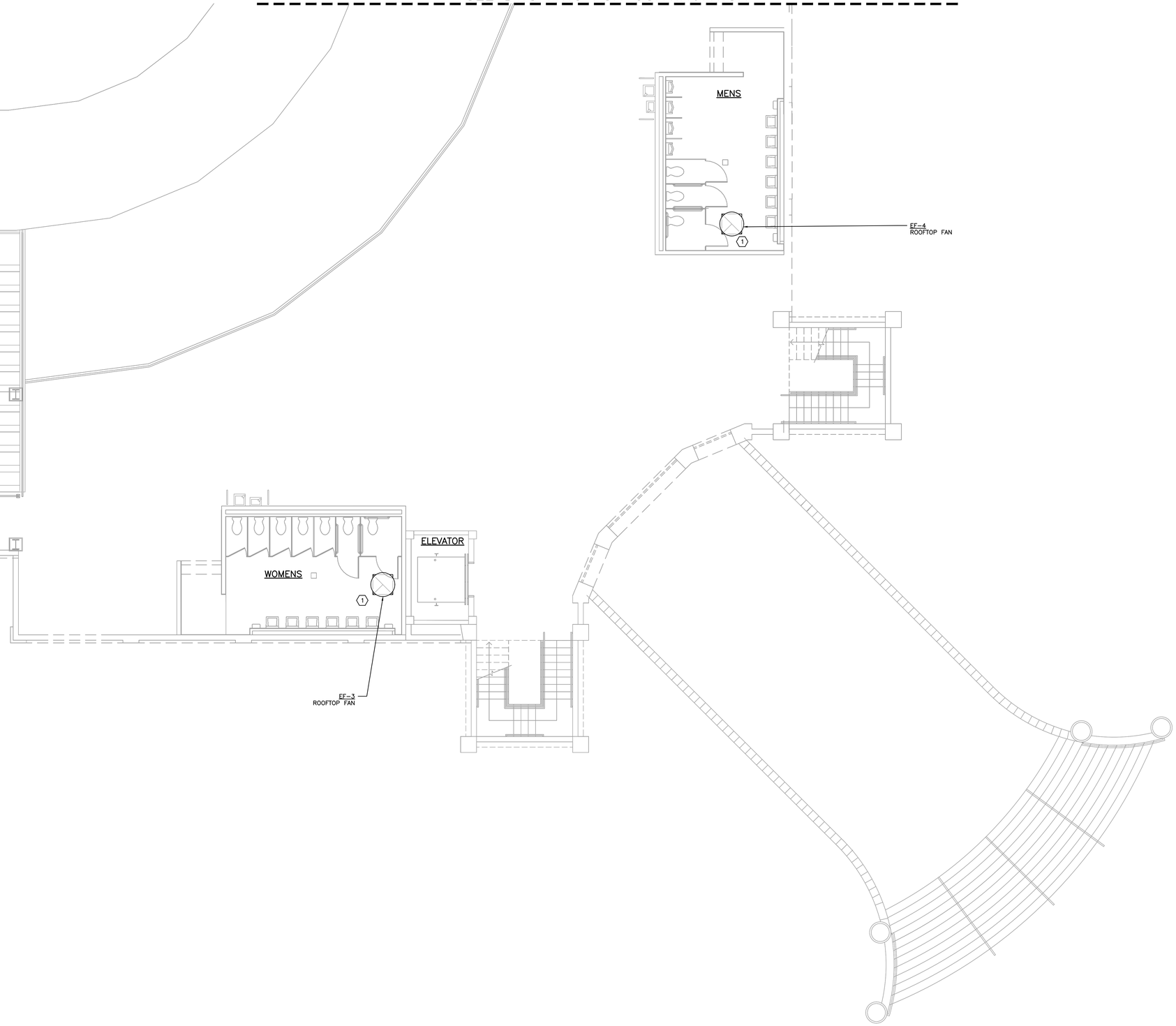
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CONCOURSE LEVEL (PLAN A)
MECHANICAL HVAC PLAN

DATE: 3-16-2020
DRAWN BY: TJT

SHEET NUMBER:
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SEE DWG M1.5 FOR CONTINUATION

SEE DWG M1.3 FOR CONTINUATION



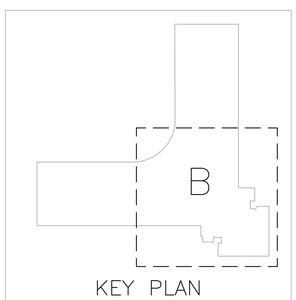
CONCOURSE LEVEL (PLAN B)
MECHANICAL HVAC PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED PLAN NOTES:

1. BOTTOM SIDE OF FAN OPENING SHALL BE AN ALUMINUM ALUMINUM EXHAUST AIR EGGCRATE GRILLE WITH 1/2" x 1/2" x 1/2" GRID. PAINT INSIDE THAT IS VISIBLE OF FAN WITH FLAT BLACK PAINT.



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PROJECT:

FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

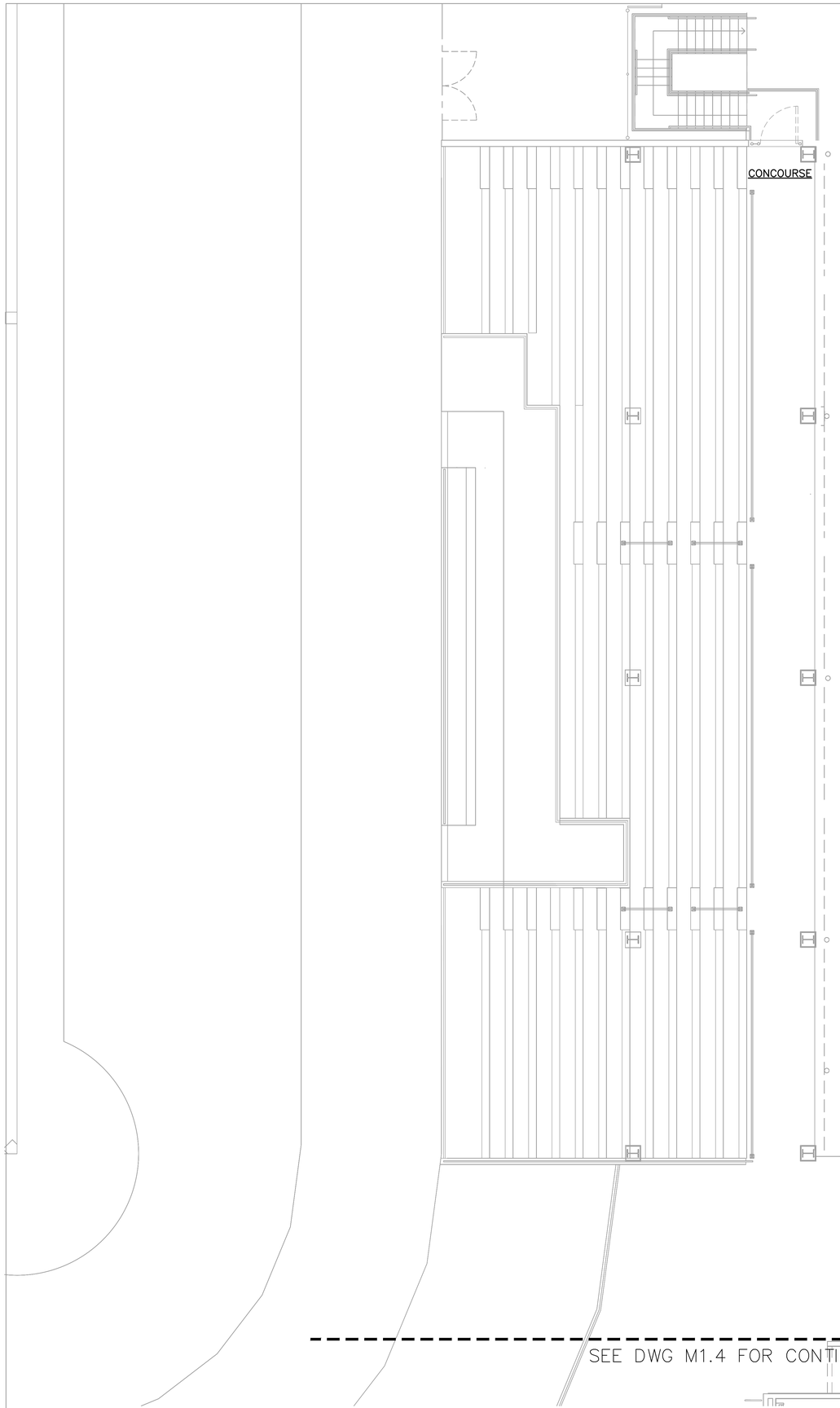
DRAWING INFORMATION:

CONCOURSE LEVEL (PLAN B)
MECHANICAL HVAC PLAN

DATE: 3-16-2020
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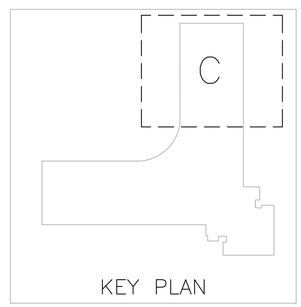
M1.4



CONCOURSE LEVEL (PLAN C)
MECHANICAL HVAC PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'



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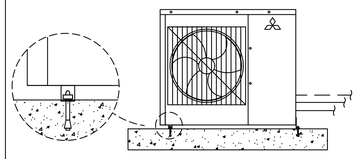
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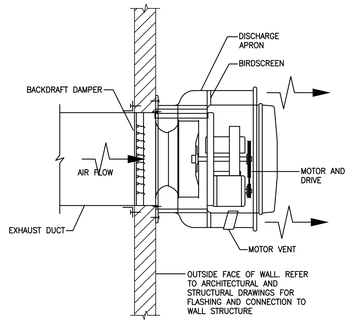
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CONCOURSE LEVEL (PLAN C)
MECHANICAL HVAC PLAN

DATE: 3-16-2020
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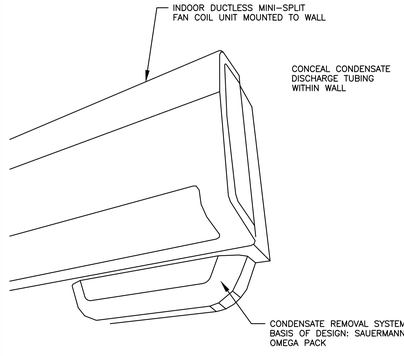
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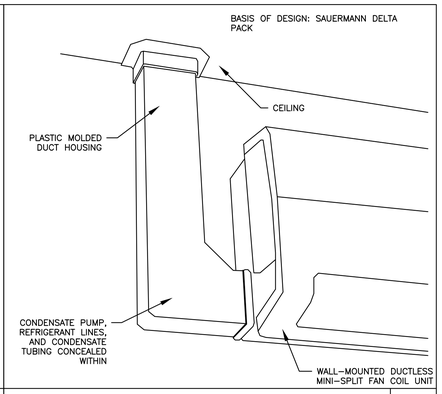
MINI-SPLIT CONDENSING UNIT TIE-DOWN | 4



SIDEWALL FAN DETAIL | 3



CONDENSATE PUMP DETAIL | 2



CONDENSATE PUMP DETAIL | 1

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DRAWING INFORMATION:
MECHANICAL DETAILS

DATE: 3-16-2020
DRAWN BY: TJT

SHEET NUMBER:
M2.0

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GENERAL NOTES - PLUMBING

1. READ THE SPECIFICATIONS.
2. UTILITIES AND SERVICES INDICATED ARE TAKEN FROM VARIOUS OLD AND NEW SURVEYS, AS-BUILT RECORDS AND FIELD INVESTIGATIONS. UNFORSEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON DRAWINGS. COOPERATION WITH OTHER TRADES IN ROUTING AND BURIAL DEPTHS, AS DETERMINED DURING CONSTRUCTION WILL BE NECESSARY.
3. FIELD VERIFY EXISTING INSTALLATIONS. MODIFY EXISTING PLUMBING SYSTEMS, WHICH ARE TO REMAIN ACTIVE, TO FACILITATE RECONNECTION AND EXTENSION OF THE NEW WORK.
4. NOTIFY OWNER AT LEAST 24 HOURS PRIOR TO INTERRUPTING EXISTING SERVICE. SCHEDULE DISCONNECTION AND TIE-INS TO MINIMIZE DISRUPTION OF SERVICES. SERVICES ARE NOT TO BE LEFT DISRUPTED DURING NON-NORMAL CONTRACTOR WORKING HOURS.
5. PIPE ROUTING SHOWN IS SCHEMATIC AND IS NOT INTENDED TO INDICATE EXACT ROUTING AND ANY ADDITIONAL OFFSETS AND FITTINGS REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES. VERIFY STRUCTURAL, MECHANICAL AND ELECTRICAL INSTALLATIONS AND OTHER POTENTIAL OBSTRUCTIONS AND ROUTE PIPING TO AVOID INTERFERENCES.
6. PROVIDE ALL OFFSETS AND FITTINGS AND MAKE CONNECTION TO SITE UTILITIES.
7. CONCEAL PIPING ABOVE CEILINGS, WITHIN WALLS OR CHASES EXCEPT IN MECHANICAL ROOMS OR AS SPECIFICALLY NOTED. PROVIDE ACCESS PANELS FOR ALL VALVES CONCEALED IN WALLS OR ABOVE NON-ACCESSABLE CEILINGS.
8. SLEEVE AND FIRE STOP PENETRATIONS OF RATED WALLS, FLOORS, CEILINGS AND ROOFS. FLASH AND COUNTERFLASH ROOF PENETRATIONS.
9. WHEN BEAM SLEEVE PENETRATIONS ARE NECESSARY, COORDINATE PENETRATIONS WITH ALL TRADES, THE ARCHITECT AND THE STRUCTURAL ENGINEER.
10. PROVIDE FOUNDATION PAD PENETRATION SLEEVES. ALLOW 1" MINIMUM CLEARANCE BETWEEN SLEEVE INSIDE SURFACE AND PIPE EXTERIOR.
11. SEE ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
12. PROVIDE AUTOMATIC TRAP PRIMERS FOR FLOOR DRAIN TRAP SEALS.
13. PROVIDE, WHEN REQUIRED BY CODE, AN AIR GAP SERVING INDIVIDUAL FIXTURES, DEVICES, APPLIANCES AND APPARATUS.
14. ALL EXPOSED PIPE AND FITTINGS IN FINISHED AREAS SHALL BE CHROME PLATED.
15. MOUNT HOSE BIBBS 24" ABOVE FINISH GRADE.
16. PROVIDE CLEANOUTS IN ACCORDANCE WITH APPROPRIATE CODES AND REGULATIONS.
17. COORDINATE EXACT FLOOR DRAIN LOCATIONS WITH ARCHITECTURAL DRAWINGS. SET FLOOR DRAINS BELOW FINISH FLOOR TO ALLOW FOR FLOOR SLOPING TO THE DRAIN.
18. PROVIDE ALL OFFSETS AND FITTINGS AND MAKE CONNECTION TO SITE UTILITIES.
19. COORDINATE PIPING WITH ALL ELECTRICAL EQUIPMENT(PANELS, TRANSFORMERS, ETC.) PRIOR TO ANY INSTALLATION. DO NOT ROUTE ANY PIPING OVER ANY ELECTRICAL PANELS UNDER ANY CIRCUMSTANCES. ANY PIPING RUN OVER PANELS SHALL BE REROUTED AT NO ADDITIONAL COST.

PLUMBING SPECIFICATIONS

1.00 – GENERAL PROVISIONS

1.1 PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE AND PROPERLY OPERATING PLUMBING SYSTEM.

1.2 CODES AND STANDARDS: ALL PLUMBING WORK SHALL BE IN STRICT COMPLIANCE WITH THE INTERNATIONAL PLUMBING CODE AND ALL LOCAL CODES HAVING JURISDICTION.

1.3 ALL PLUMBING WORK SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER.

1.4 CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND FEES, ETC., REQUIRED FOR THE EXECUTION OF THIS WORK.

1.5 CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES BEFORE FABRICATION OR INSTALLATION. OFFSETS AND/OR TRANSITIONS REQUIRED SHALL BE PROVIDED WITHOUT ADDITIONAL COST. CONTRACTOR SHALL COORDINATE AND INSTALL HIS WORK IN A TIMELY MANNER TO PREVENT DELAYS IN THE CONSTRUCTION.

1.6 CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE DAMAGED EQUIPMENT AND/OR MATERIAL.

1.7 PROVIDE ALL MATERIALS REQUIRED TO PROPERLY SUPPORT ALL PIPING AND EQUIPMENT. PIPE HANGERS SHALL BE ADJUSTABLE TYPE AND BE SPACED IN ACCORDANCE WITH THE STANDARD PLUMBING CODE. PROVIDED PLASTIC COATED RING ON HANGERS FOR COPPER PIPING TO PROVIDE DIELECTRIC ISOLATION.

1.8 PROVIDE DIELECTRIC UNIONS OR FLANGES BETWEEN COPPER AND STEEL PIPING AND BETWEEN BRASSWARE AND STEEL. DO NOT USE STEEL AND COPPER PIPING IN THE SAME SYSTEM WITHOUT SUCH ISOLATION.

1.9 PROVIDE REDUCING FITTINGS (REDUCING BUSHINGS SHALL NOT BE USED) WHERE CHANGES IN PIPE SIZES OCCUR.

1.10 THIS CONTRACTOR SHALL SUPPLY AND INSTALL ALL SERVICES THROUGHOUT THE BUILDING AND MAKE CONNECTION TO SITE UTILITIES APPROXIMATELY 5'-0" OUTSIDE THE BUILDING. CONTRACTOR SHALL SUPPLY AND INSTALL FIXTURES, FITTINGS, VALVING AND TRIM AND MAKE READY FOR USE ALL FIXTURES, EQUIPMENT, ETC.

1.11 SEE ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.

2.00 – BASIC MATERIALS AND METHODS

2.1 ABOVEGROUND WATER PIPE AND FITTINGS – SCHEDULE 80 CPVC CORAZAN FOR 2-1/2" AND LARGER, SCHEDULE 40 FOR 2" AND SMALLER.

2.2 PROVIDE UNIONS OR FLANGES IN ALL DOMESTIC WATER SERVICE LINES AT EACH PIECE OF EQUIPMENT, SPECIALTY VALVES OR AT OTHER LOCATIONS REQUIRED FOR READY DISCONNECT.

2.3 WATER HAMMER ARRESTORS SHALL BE INSTALLED AT THE LOCATIONS ON THE PLANS AND IN ACCORDANCE WITH PDI STANDARD WH-201. PRODUCTS SHALL BE EQUAL TO THOSE MANUFACTURED BY PRECISION PLUMBING PRODUCTS OR SIOUX CHIEF.

2.4 VALVES: PROVIDE VALVES TO ISOLATE EACH RISER, BRANCH LINE AND PIECE OF EQUIPMENT.

2.5 PROVIDE PRESSURE REDUCING VALVE AND AIR GAP CONNECTION AT DISHWASHER AS REQUIRED BY CODE AND ACCORDING TO MANUFACTURER.

2.6 PROVIDE INLINE WATER FILTER AT COFFEE AND ICE MAKERS TO REMOVE MATERIALS, TASTE AND ODOR – "EVERPURE OR "SYSTEMS IV".

2.7 ABOVEGROUND SANITARY WASTE, SANITARY VENT AND STORM PIPING – SCHEDULE 40 PVC W/SOLVENT WELD FITTINGS.

2.8 ABOVEGROUND SANITARY WASTE ARMS – SERVICE WEIGHT CAST IRON WITH NO-HUB COUPLINGS OR SCHEDULE 40 CPVC.

2.9 INSTALL GRAVITY LINES SLOPED AT 1/8" PER FOOT FOR PIPE 3" AND LARGER AND 1/4" PER FOOT FOR PIPE SMALLER THAT 3". VERIFY INVERT ELEVATION WITH SITE PIPING PRIOR TO ANY PIPE BEING INSTALLED.

3.00 – PLUMBING FIXTURES AND TRIM

3.1 ALL PLUMBING FIXTURES SHALL BE "FIRST QUALITY" AS DEFINED AND SET FORTH IN COMMERCIAL STANDARD CS77-28 AS PROMULGATED BY THE U.S. DEPARTMENT OF COMMERCE.

3.2 ALL FIXTURES ARE TO BE WHITE VITREOUS CHINA UNLESS OTHERWISE SPECIFICALLY NOTED.

3.3 FIXTURES AND FITTINGS PROPOSED SHALL BE FROM ONE MANUFACTURER AND OF SIMILAR CHARACTER IN ANY ROOM OR LOCATION. ESCUTCHEONS, HANDLES, ETC., ON THE DIFFERENT FIXTURES SHALL BE OF THE SAME DESIGN.

3.4 PROVIDE FIXTURE CARRIERS AS RECOMMENDED BY FIXTURE MANUFACTURER AND/OR CONSTRUCTION METHOD.

3.5 PROVIDE ACCESS PANELS TO ALL VALVES WITHIN CHASES OR ABOVE NON-ACCESSIBLE CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

3.6 FLOOR DRAIN TRAP SEALS SHALL HAVE AN APPROVED AUTOMATIC PRIMING DEVICE DESIGNED FOR THAT PURPOSE.

3.7 ALL CONCEALED TRAPS, PRIMERS, VALVES, CLEANOUTS, ETC. LOCATED IN TILED AREAS SHALL BE PROVIDED WITH AN ACCESS PANEL.

4.00 – INSULATION

4.1 ABOVE GROUND HOT WATER – FIBERGLASS, 1" THICKNESS, ASJ JACKET, DOUBLE SEALING LAP JOINT, 0.24 K AT 75°F. INSULATION AND ADHESIVES INSTALLED IN RETURN AIR PLENUMS SHALL HAVE A MAXIMUM FLAME SPREAD RATING OF 25 AND A MAXIMUM SMOKE DEVELOPED RATING OF 50.

4.2 ABOVEGROUND CONDENSATE PIPING SHALL BE 1/2" FLEXIBLE UNICELLULAR POLYOLEFIN FOAM AND SHALL HAVE A MAXIMUM FLAME SPREAD RATING OF 25 AND A MAXIMUM SMOKE DEVELOPED RATING OF 50 – IMCOA "IMCOLOCK"

5.00 – VALVES AND COCKS

5.1 VALVES 2" AND SMALLER SHALL BE BALL VALVES, 150 PSI SWP, 400 PSI WOG. STANDARD PORT BALL, BRONZE TRIM, CAST BRONZE BODY, CHROMIUM-PLATED BRASS BALL, BRONZE NON-BLOWOUT STEM, TEFLON SEAT, DOUBLE O-RING STEM SEALS, ZINC-COATED STEEL HANDLE WITH PLASTIC COATED HAND GRIP, 90 DEGREE OPERATION FROM FULL OPEN TO TIGHT SHUT-OFF – STOCKHAM S214-BR-T-T, STOCKHAM S216-BR-T-S OR EQUAL.

5.2 CHECK VALVES, ROUGH BRASS, REGRINDING BRONZE DISC – STOCKHAM B-345; B-309 OR EQUAL.

6.00 – STERILIZATION

6.1 DOMESTIC WATER PIPING SHALL BE THOROUGHLY FLUSHED OUT AND STERILIZED IN ACCORDANCE WITH THE STANDARD PLUMBING CODE.

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DRAWING INFORMATION:
GENERAL NOTES & SPECIFICATIONS - PLUMBING

DATE: 3-16-2020
DRAWN BY: TJT

SHEET NUMBER:
P0.1

FIXTURE SCHEDULES - PLUMBING

WC1 FLOOR–MOUNTED WATER CLOSET

VITREOUS CHINA, 1.6 GPF, SIPHON JET, ELONGATED CLOSET BOWL WITH 1–1/2 INCH TOP SPUD.

1.6 GALLON CHROME PLATED FLUSH VALVE(EXPOSED), METAL OSCILLATING NON–HOLD OPEN HANDLE, 1–INCH I.P.S. SCREW DRIVER ANGLE STOP WITH PROTECTIVE CAP, ADJUSTABLE TAILPIECE, VACUUM BREAKER FLUSH CONNECTION AND SPUD COUPLING FOR 1–1/2" TOP SPUD, WALL AND SPUD FLANGES, SOLID RING PIPE SUPPORT.

CONTOURED SEAT SHALL BE EXTRA HEAVY SOLID PLASTIC WITH OPEN FRONT LESS COVER. SEAT SHALL INCLUDE STAINLESS STEEL SELF SUSTAINING CHECK HINGE FEATURE.

BEFORE ORDERING FIXTURES CONFIRM WITH CIVIL ENGINEER THAT SUFFICIENT FLOW AND PRESSURE IS AVAILABLE TO PROPERLY OPERATE THIS QUANTITY OF FLUSH VALVE TOILETS.

BASIS OF DESIGN

CHINA – AMERICAN STANDARD 2855.016.020 WHITE
FLUSH VALVE – AMERICAN STANDARD 6047.161
SEAT – BEMIS – 1655–SS/C

WC2 FLOOR–MOUNTED ACCESSIBLE WATER CLOSET

VITREOUS CHINA, 1.6 GPF, FLOOR–MOUNTED, SIPHON JET, ELONGATED CLOSET BOWL WITH 1–1/2 INCH TOP SPUD.

1.6 GALLON CHROME PLATED FLUSH VALVE(EXPOSED) , METAL OSCILLATING NON–HOLD EXPOSED CLOSET FLUSH VALVE, CHROME PLATED, METAL OSCILLATING NON–HOLD OPEN HANDLE, 1–INCH I.P.S. SCREW DRIVER ANGLE STOP WITH PROTECTIVE CAP, ADJUSTABLE TAILPIECE, VACUUM BREAKER FLUSH CONNECTION AND SPUD COUPLING FOR 1–1/2" TOP SPUD, WALL AND SPUD FLANGES, SOLID RING PIPE SUPPORT, AND 2" OFFSET TO AVOID GRAB BAR, MOUNT FLUSH VALVE HANDLE MAX 44" A.F.F..

CONTOURED SEAT SHALL BE EXTRA HEAVY SOLID PLASTIC WITH OPEN FRONT LESS COVER. SEAT SHALL INCLUDE STAINLESS STEEL SELF SUSTAINING CHECK HINGE FEATURE.

BEFORE ORDERING FIXTURES CONFIRM WITH CIVIL ENGINEER THAT SUFFICIENT FLOW AND PRESSURE IS AVAILABLE TO PROPERLY OPERATE THIS QUANTITY OF FLUSH VALVE TOILETS.

BASIS OF DESIGN

CHINA – AMERICAN STANDARD 2855.016.020 WHITE
FLUSH VALVE – AMERICAN STANDARD 6047.161
SEAT – BEMIS – 1655–SS/C

UR1 WALL HUNG URINAL

VITREOUS CHINA, 1.0 GALLON WALL HUNG, SIPHON JET URINAL WITH INTEGRAL FLUSHING RIM, INTEGRAL TRAP, WALL HANGERS, AND 2 INCH FEMALE FLANGED OUTLET CONNECTION.

1.0 GALLON CHROME PLATED FLUSH VALVE(EXPOSED), 3/4–INCH I.P.S. SCREWDRIVER CHECK ANGLE STOP WITH PROTECTIVE CAP, ADJUSTABLE TAILPIECE, VACUUM BREAKER FLUSH CONNECTION AND SPUD COUPLING FOR 3/4" TOP SPUD, DIE CAST WALL FLANGE WITH SET SCREW, SPUD FLANGE AND SOLID RING PIPE SUPPORT.

FULLY ADJUSTABLE URINAL CARRIER ADJUSTED TO STANDARD HEIGHT.

BASIS OF DESIGN

CHINA – AMERICAN STANDARD – 6590.001
FLUSH VALVE – SLOAN ROYAL 6045.101
CARRIER – WATTS CA 321

UR2 WALL HUNG URINAL (ACCESSIBLE)

SAME AS UR–1 EXCEPT MOUNTED AT ACCESSIBLE HEIGHT.

LV2 SELF–RIMMING LAVATORY

VITREOUS CHINA LAVATORY, 20" X 17" OVAL, PUNCHED FOR 4" CENTERSET FITTING.

4" CENTERSET CHROME PLATED BRASS FAUCET WITH SINGLE LEVER HANDLE, VANDAL RESISTANT 0.5 GPM FLOW REGULATOR.

CHROME PLATED STRAINER, CAST GRID STRAINER WITH 1–1/4" TAILPIECE, PLATED 17 GAUGE 1–1/4" X 1–1/2" BRASS P–TRAP WITH CLEANOUT.

1/2" COMPRESSION X 3/8" COMPRESSION CHROME PLATED ANGLE SUPPLY STOPS WITH CHROME PLATED 12" FLEXIBLE RISERS AND ESCUTCHEONS.

BASIS OF DESIGN

CHINA – AMERICAN STANDARD – 0476–028
FAUCET – AMERICAN STANDARD 1480.100
STRAINER/TRAP – MCGUIRE – 155A/8902
SUPPLIES – MCGUIRE – 2165CC

LV1 ACCESSIBLE WALL HUNG LAVATORY

VITREOUS CHINA LAVATORY, 20" X 18", WITH FRONT OVERFLOW, SELF DRAINING DECK AREA & CONTOURED BACK W/ SIDE SPLASH PANELS, PROVIDE FIXTURE PUNCHED FOR COMBINATION FITTING ON 8–INCH CENTERS AND CONCEALED ARM CARRIER SUPPORT.

8" WIDESPREAD COMBINATION CHROME PLATED BRASS FAUCET, W/ RIGID GOOSENECK NOZZLE AND 2.0 GPM LAMINAR REGULATOR, VANDAL RESISTANT 4 INCH WRIST BLADE HANDLES WITH COLOR CODED INDEXES AND RENEWABLE SEATS IN MONEL, OUTLET OF SPOUT SHALL BE MINIMUM 5 INCHES ABOVE RIM OF FIXTURE.

CHROME PLATED CAST BRASS GRID STRAINER WITH 1–1/4" O.D. OFFSET TAILPIECE, CHROME PLATED 17 GAUGE 1–1/4" X 1–1/2" BRASS P–TRAP W/ C.O. PLUG AND SLIP NUTS. PROVIDE P–TRAP & TAILPIECE WITH PREWRAPPED SEAMLESS MOLDED CLOSED CELL VINYL INSULATION WITH FLEXIBLE COLLARS TO ALLOW PIPE CONNECTION. PRE–WRAPPED DRAIN INSULATION KIT SHALL INCLUDE HOT AND COLD ANGLE STOP AND WATER SUPPLY COVERS OF SAME MATERIAL.

3/8" I.P.S. CHROME PLATED ANGLE SUPPLY, LOOSE KEY STOP, REDUCER, WROUGHT BRASS DEEP BELL FLANGE ESCUTCHEON AND 1/2" CHROME PLATED COPPER EXTENSION TUBE.

CONCEALED ARMS FLOOR MOUNTED CARRIER: COATED STEEL UPRIGHTS WITH WELDED FEET, CAST IRON ADJUSTABLE HEADERS, STEEL SLEEVES, ALIGNMENT TRUSS AND FASTENERS

BASIS OF DESIGN

CHINA –AMERICAN STANDARD – 0356.015
FAUCET – AMERICAN STANDARD 6545VIS.170
STRAINER/TRAP – MCGUIRE –155WC/PW 2150 WC
SUPPLIES – MCGUIRE – H170LK
CARRIER – WATTS TCA.411

SA–1 SHOCK ARRESTER

PISTON OPERATED, TYPE "K" COPPER BARREL WITH BRASS THREADED ADAPTOR. ALL JOINTS SHALL BE MADE WITH 95–5 LEAD FREE SOLDER. THE PISTON SHALL BE EQUIPPED WITH TWO (2) "O" RINGS TO PROVIDE A PERMANENT MECHANICAL BARRIER BETWEEN FLUID AND PRE–LOAD AIR CHARGE. ARRESTORS MAY BE INSTALLED IN VERTICAL AND HORIZONTAL POSITION.

THE ARRESTOR SHALL BE FULLY GUARANTEED FOR ENTIRE SYSTEM LIFE.

NOTE:

SHOCK ARRESTORS SHALL BE PROVIDED AT ALL FIXTURES AND BATTERIES OF FIXTURES WHETHER OR NOT THEY ARE SHOWN ON THE DRAWINGS.

BASIS OF DESIGN

PRECISION PLUMBING PRODUCTS – SC SERIES

SH1 ACCESSIBLE SHOWER

ANTI–SCALD BALANCED PRESSURE CONCEALED SHOWER VALVE WITH STAINLESS STEEL BALANCING PISTON, VOLUME CONTROL, INTEGRAL SERVICE STOPS, LOOPED HANDLE AND ALL METAL CHROME PLATED TRIM.

HAND SPRAY UNIT ON 30" WALL MOUNTED ADJUSTING BAR, FLEXIBLE METAL HOSE WITH WALL CONNECTION AND INTEGRAL IN–LINE VACUUM BREAKER. SHOWERHEAD WITH MAX. 2.5 GPM FLOW REGULATOR.

FIXED HEIGHT ADJUSTABLE SPRAY SHOWER HEAD ATTACHED TO WALL BRACKET, WALL MOUNTED DIVERTER, DOUBLE OUTLET WITH VOLUME CONTROL FOR SHOWER HEAD AND HAND SPRAY.

COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH 5" SQUARE, NICKEL BRONZE STRAINER.

BASIS OF DESIGN

VALVE AND SHOWER HEAD SYSTEM–AMERICAN STANDARD–1662SG.223
SHOWER STALL DRAIN – WATTS FD–100–M5 2 INCH

SH2 SHOWER

ANTI–SCALD BALANCED PRESSURE CONCEALED SHOWER VALVE WITH STAINLESS STEEL BALANCING PISTON, VOLUME CONTROL, INTEGRAL SERVICE STOPS, LOOPED HANDLE AND ALL METAL CHROME PLATED TRIM.

FIXED HEIGHT ADJUSTABLE SPRAY SHOWER HEAD.

BASIS OF DESIGN

VALVE AND SHOWER HEAD SYSTEM–AMERICAN STANDARD–1662SG.223

BASIS OF DESIGN

SINK – ELKAY – LR–2219
FAUCET – AMERICAN STANDARD – 4205.100
SUPPLIES – MCGUIRE – 2165CC
TRAP – MCGUIRE – 8912

AD1 AREA DRAIN

COORDINATE SELECTION WITH TYPE OF CONCRETE DECK DESCRIBED IN ARCHITECTURAL DRAWINGS. SELECT DRAIN APPROPRIATE FOR APPLICATION IN A HIGH FOOT TRAFFIC AREA.

BASIS OF DESIGN

WATTS – FD–820

FD1 FLOOR DRAIN

COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE TYPE "S" NICKEL BRONZE STRAINER, 6" SQUARE TOP, TAPPED FOR TRAP PRIMER CONNECTION, VANDAL PROOF.

BASIS OF DESIGN

WATTS – FD–100–M6 3 INCH

FD2 FLOOR DRAIN (DUGOUT)

COATED CAST IRON BODY WITH BOTTOM OUTLET, SEEPAGE PAN AND COMBINATION INVERTIBLE MEMBRANE CLAMP AND FRAME FOR 9" ROUND HEAVY DUTY CAST IRON DEEP FLANGE SLOTTED GRATE WITH SEDIMENT BUCKET

BASIS OF DESIGN

DRAIN – WATTS – FD–320–Y–5 4 INCH

RD1 DUAL ROOF DRAIN (IF APPLICABLE)

DUAL ROOF DRAIN, COATED CAST IRON BODY WITH EXTENSIONS FOR PRIMARY AND SECONDARY FLOW, ROOF SUMP RECEIVER AND UNDER DECK CLAMP. DRAIN SHALL HAVE COMBINATION MEMBRANE FLASHING CLAMP/GRAVEL STOP AND GALVANIZED CAST IRON DOME.

BASIS OF DESIGN

WATTS RD–700–D 4 INCH

HB1 HOSE BIBB

CHROME PLATED BRASS HOSE BIBB, VACUUM BREAKER BACKFLOW PREVENTER, 3/4" FEMALE PIPE THREAD CONNECTION AND WHEEL HANDLE.

BASIS OF DESIGN

WOODFORD 24–3/4"

CO CLEANOUTS

GENERAL(ALL FLOOR CLEANOUTS): DURO–COATED CAST IRON CLEANOUT WITH MEMBRANE FLANGE WITH CADMIUM PLATED CAST IRON COUNTERSUNK PLUG. CLEANOUT CAN BE ADJUSTED TO FINISH FLOOR LEVEL AFTER CONCRETE HAS SET.

FLOOR: HEAVY DUTY ROUND SCORIATED NICKEL BRONZE TOP

CARPETED FLOOR: HEAVY DUTY ROUND NICKEL BRONZE TOP RECESSED FOR CARPET.

TILE FLOOR: HEAVY DUTY ROUND NICKEL BRONZE TOP RECESSED FOR TILE.

EXTERIOR: HEAVY DUTY ROUND SCORIATED NICKEL BRONZE TOP. PROVIDE WITH 18" X 4" THICK CONCRETE COLLAR, SEE DETAIL.

WALL: CAST IRON CLEANOUT TEE, CADMIUM PLATED CAST IRON COUNTERSUNK PLUG, SMOOTH SQUARE NICKEL BRONZE WALL ACCESS COVER AND FRAME.

PLUG: DURA–COATED CAST IRON FERRULE AND CADMIUM PLATED CAST IRON COUNTERSUNK PLUG.

BASIS OF DESIGN

FLOOR – ZURN – ZN–1405
CARPETED FLOOR – ZURN – ZN–1405–4
TILE FLOOR – ZURN – ZN–1405–4
EXTERIOR FLOOR – ZURN – ZN–1406
WALL – ZURN – 1445–4
PLUG – ZURN – Z–1440

CP–1 CIRCULATION PUMP

1/4 HP 120 VOLT 1 PH
BRONZE BODY
STAINLESS STEEL IMPELLOR
TIMER ACTIVATED
MANUAL SWITCH OVERRIDE

BASIS OF DESIGN

PEERLESS EJC–1415

ET–1 EXPANSION TANK (32 GALLON VOLUME)
FACTORY PRE–CHARGED TO 12 PSIG
MAXIMUM WORKING PRESSURE: 100 PSIG, MAXIMUM OPERATING TEMPERATURE: 240 DEGREES F
STEEL SHELL, HEAVY DUTY BUTYL/EPDM DIAPHRAGM, URETHANE TOPCOAT FINISH

BASIS OF DESIGN

SX–60V EXTROL EXPANSION TANK

EWH–1,2,3 120 GALLON 12 KW 208 VOLT 3PH

BAKED ENAMEL OUTER JACKET
GLASS LINED TANK WITH ALKALINE BOROSILICATE COMPOSITION THAT HAS BEEN FUSED TO STEEL BY FIRING
UL LISTED AND APPROVED TO NSF STANDARD 5
INCLUDE ASME RATED TEMPERATURE AND PRESSURE RELIEF VALVE

BASIS OF DESIGN

AO SMITH DRE–120–12

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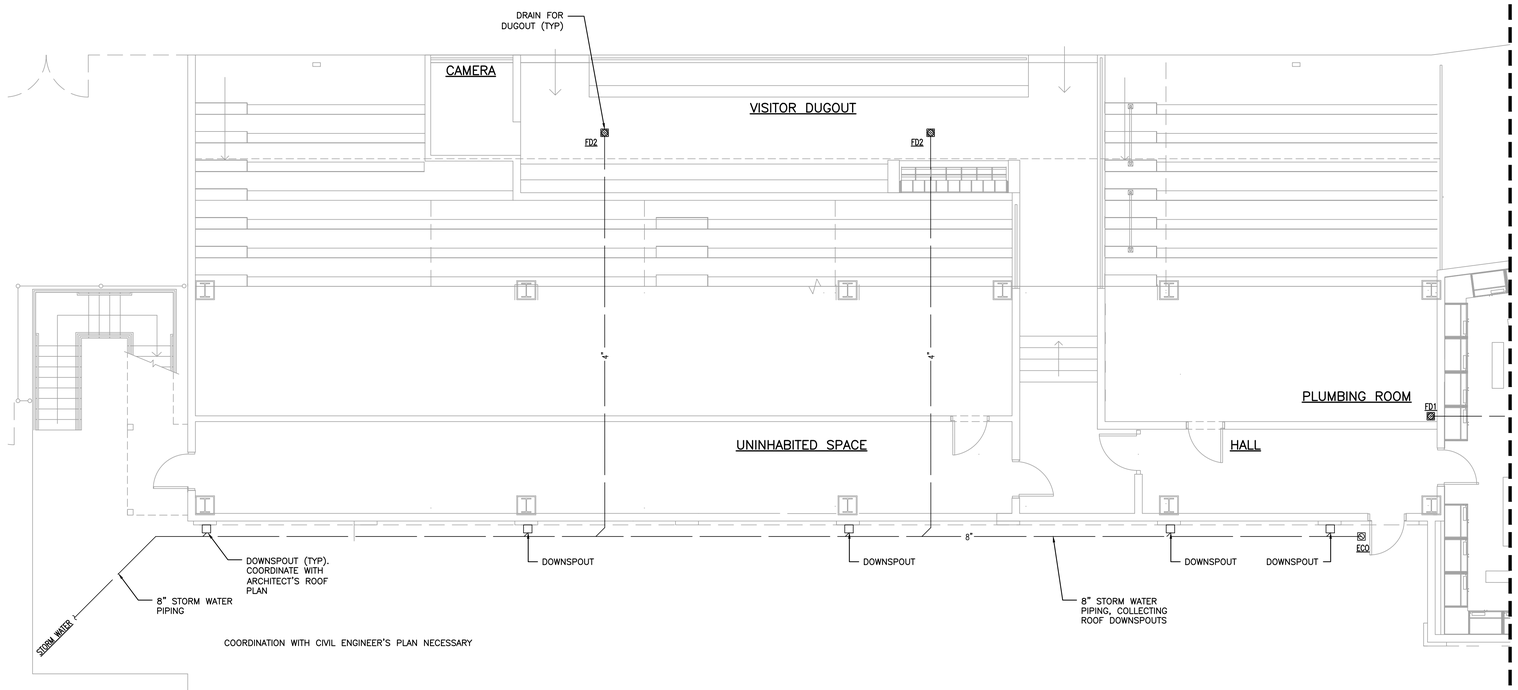
PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
FIXTURE & EQUIPMENT SCHEDULES - PLUMBING

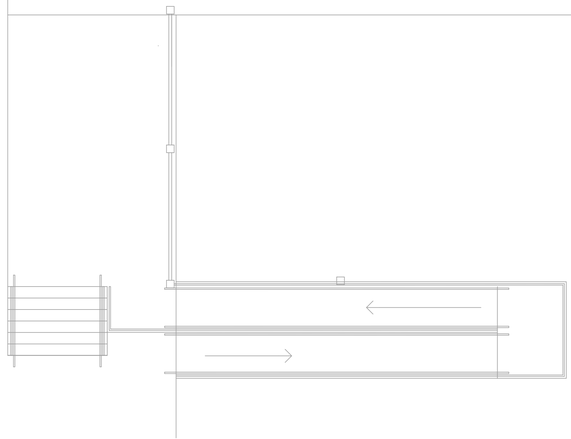
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P0.2

DRAINAGE FOR PLAYING FIELD SEE CIVIL ENGINEER'S PLANS



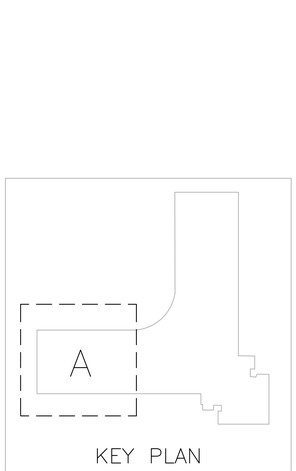
SEE DWG P1.1 FOR CONTINUATION



FIELD LEVEL (PLAN A)
PLUMBING GRAVITY PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'



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DRAWING INFORMATION:
FIELD LEVEL (PLAN A)
GRAVITY PIPING PLAN

DATE: 3-16-2020
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SHEET NUMBER:
P1.0

SEE DWG P1.2 FOR CONTINUATION

SEE DWG P1.0 FOR CONTINUATION

DRAINAGE FOR PLAYING FIELD SEE CIVIL ENGINEER'S PLANS

VIP SEATING

HOME TOILETS

HOME SHOWERS

MENS

CONCESSIONS

SOUVENIRS

TICKETS

SECURITY

ROOF OVERFLOW TONGUE
3" VENT ROUTED UP THROUGH CONCOURSE LVL TO VTR

2-WAY
6" SAN.
126 DFU

INV. ELEVATION
9.73 FT
FINISHED SLAB @ 13.00

4" DOWN FROM 2ND FLR TOILETS & URINALS

3" DOWN FROM 2ND FLOOR LAVATORIES

3" GREASE WASTE

VISITOR LOCKERS

WOMENS

FIRST AID

VISITOR TOILET

VISITOR SHOWER

4" GREASE WASTE

4" DOWN FROM 2ND FLR TOILETS

ROOF OVERFLOW TONGUE
3" VENT UP TO VTR
INV. ELEVATION
9.73 FT
FINISHED SLAB @ 13.00

2-WAY
6" SAN.
126 DFU

3" DOWN FROM 2ND FLOOR LAVATORIES

ELEVATOR CONTROL

6" STORM WATER PIPING

STORM WATER

750 GALLON GREASE INTERCEPTOR

4" OUTGOING SANITARY TO SITE MAIN OR MANHOLE (IE. XXX B.F.F.) REFER TO CIVIL DWGS FOR CONT.

GREASE WASTE

COORDINATION WITH CIVIL ENGINEER'S PLAN NECESSARY

FIELD LEVEL (PLAN A)
PLUMBING GRAVITY PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED PLAN NOTES:

1. STORM WATER RISER DOWN FROM CONCOURSE AREA DRAIN.

KEY PLAN

B

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DRAWING INFORMATION:
FIELD LEVEL (PLAN B)
GRAVITY PIPING PLAN

DATE: 3-16-2020
DRAWN BY: TJT

SHEET NUMBER:
P1.1

DRAINAGE FOR PLAYING FIELD SEE CIVIL ENGINEER'S PLANS

STORM WATER

8" STORM WATER PIPING

COORDINATION WITH CIVIL ENGINEER'S PLAN NECESSARY

DOWNSPOUT (TYP). COORDINATE WITH ARCHITECT'S ROOF PLAN

UNINHABITED SPACE

CAM

DOWNSPOUT

DRAIN FOR DUGOUT (TYP)

FD2

4"

HOME DUGOUT

DOWNSPOUT

FD2

4"

8"

8" STORM WATER PIPING, COLLECTING ROOF DOWNSPOUTS

DOWNSPOUT

DOWNSPOUT

FD3

ELECTRIC RM.

HOME LOCKERS

FCO

4" ST

6" ST

6" ST

STORM WATER

6" ST

4" ST

1

4" ST

SH2 SH2 SH2 SH2

SH1

FD-1 FD-1

HOME SHOWERS

SH2

FCO

4" ST

1

HOME TOILETS

SH4

SEE DWG P1.1 FOR CONTINUATION

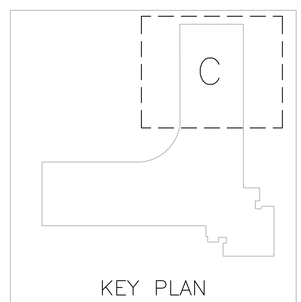
FIELD LEVEL (PLAN C) GRAVITY PIPING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED PLAN NOTES:

1. STORM WATER RISER DOWN FROM CONCOURSE AREA DRAIN.



KEY PLAN

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DRAWING INFORMATION:
FIELD LEVEL (PLAN C)
GRAVITY PIPING PLAN

DATE: 3-16-2020
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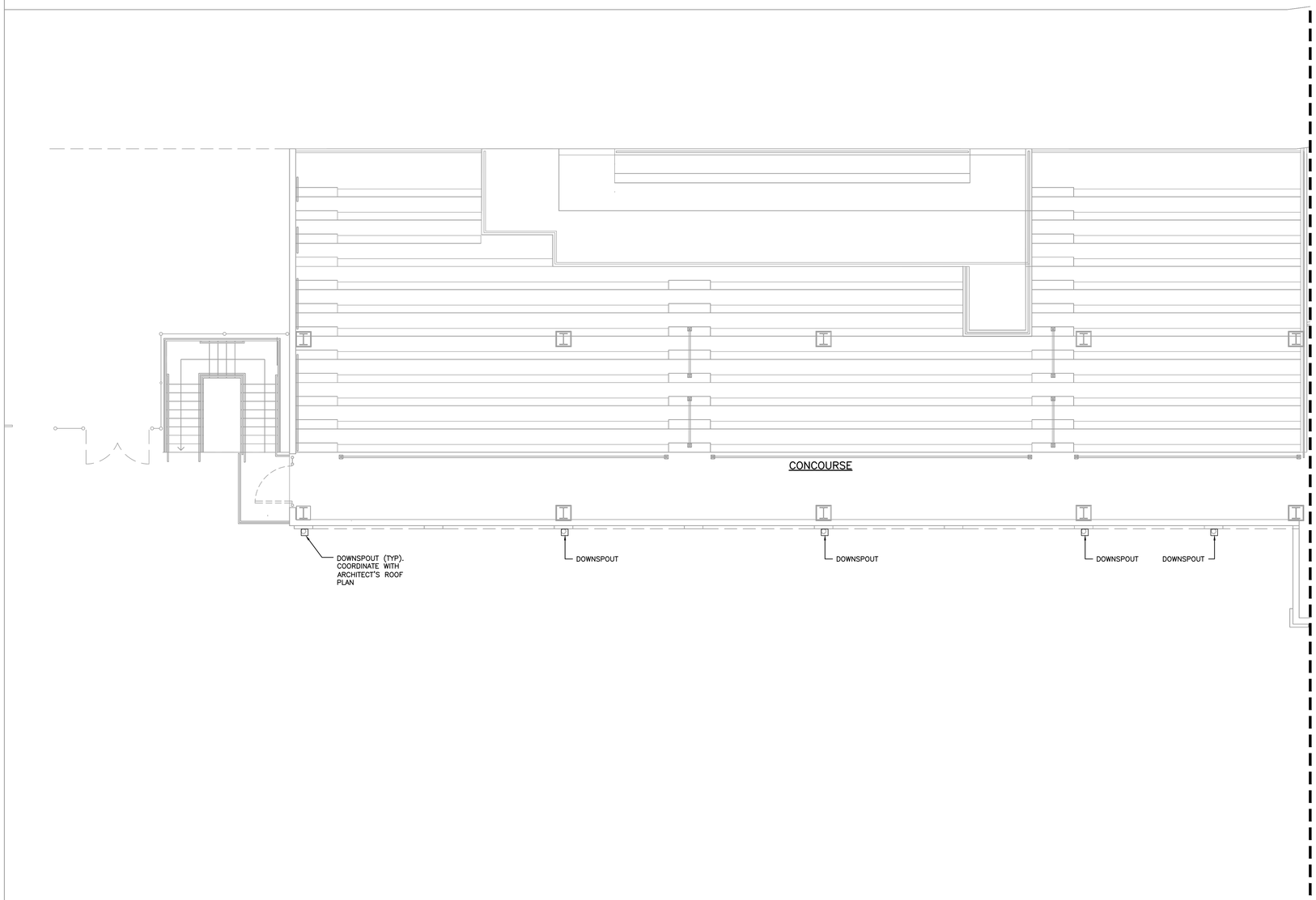
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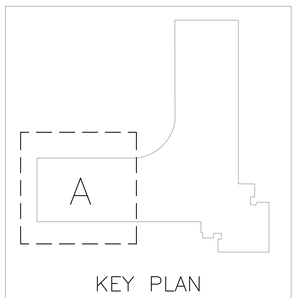
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CONCOURSE LEVEL (PLAN A) GRAVITY PIPING PLAN

SCALE: 3/16" = 1'-0"
0 1.5' 3' 6' 12' 16'



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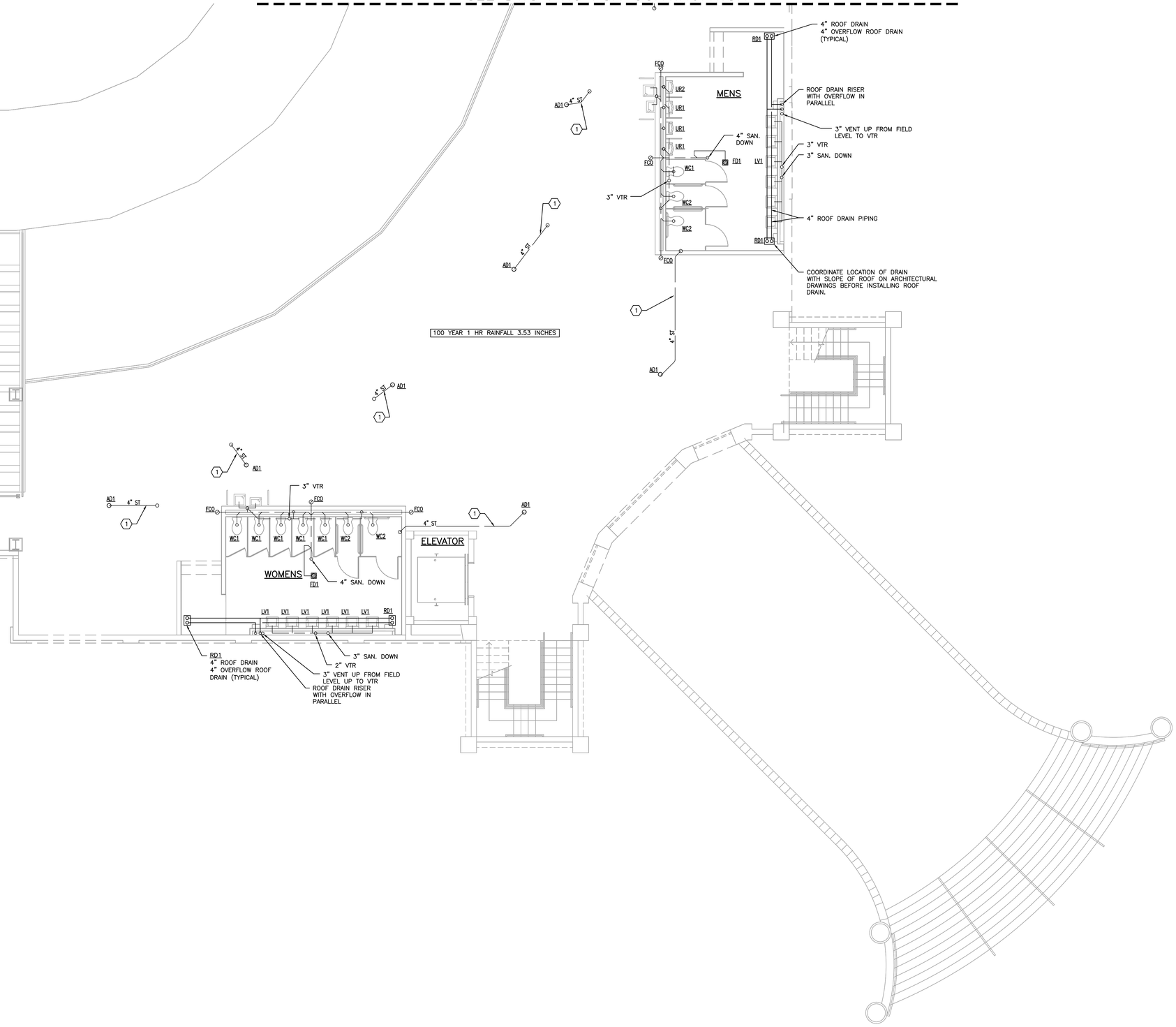
DRAWING INFORMATION:
CONCOURSE LEVEL (PLAN A)
GRAVITY PIPING PLAN

DATE: 3-16-2020
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P1.3

SEE DWG P1.5 FOR CONTINUATION

SEE DWG P1.3 FOR CONTINUATION



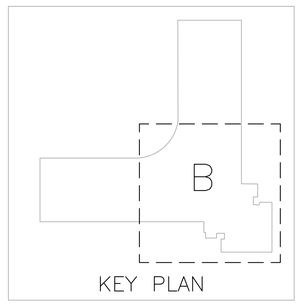
CONCOURSE LEVEL (PLAN B)
GRAVITY PIPING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

(#) KEYED PLAN NOTES:

1. HORIZONTAL RUN FROM AREA DRAIN OVER TO RISER WITHIN WALL OF FIELD LEVEL. SEE FIELD LEVEL GRAVITY PIPING FOR CONTINUATION.



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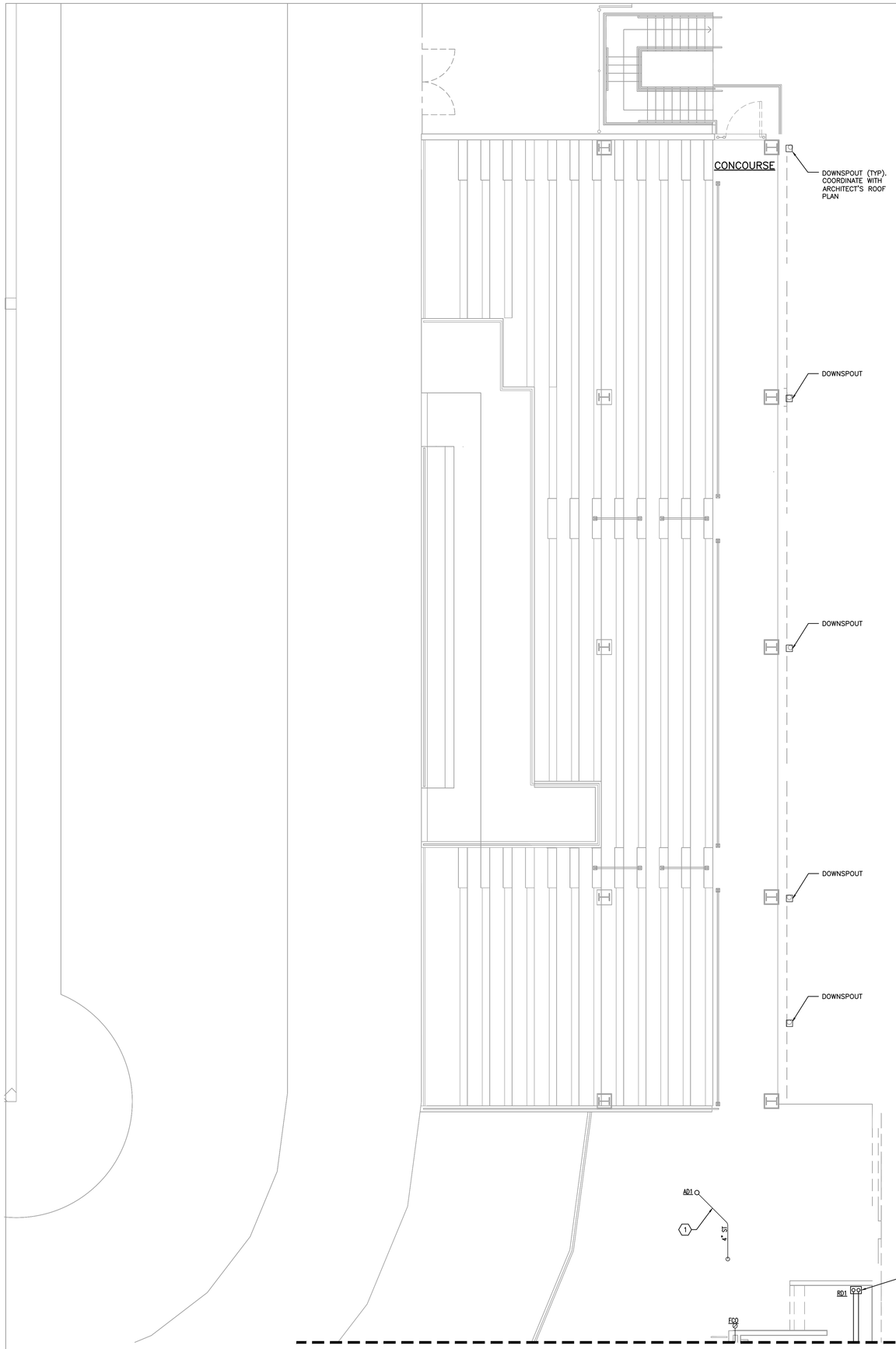
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DRAWING INFORMATION:
CONCOURSE LEVEL (PLAN B)
GRAVITY PIPING PLAN

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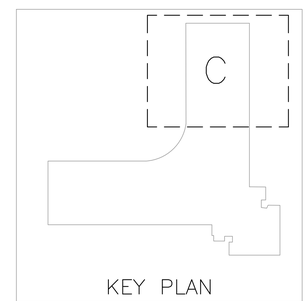
CONCOURSE LEVEL (PLAN C) GRAVITY PIPING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED PLAN NOTES:

1. HORIZONTAL RUN FROM AREA DRAIN OVER TO RISER WITHIN WALL OF FIELD LEVEL. SEE FIELD LEVEL GRAVITY PIPING FOR CONTINUATION.



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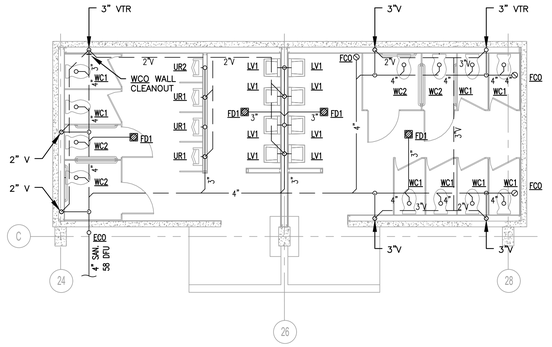
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CONCOURSE LEVEL (PLAN C)
GRAVITY PIPING PLAN

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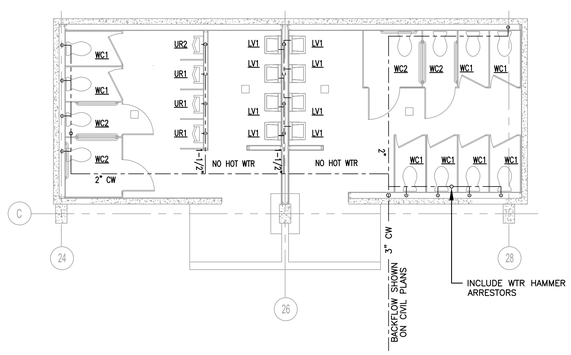
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TERRANCE MARTIN RESTROOMS
GRAVITY PIPING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'



TERRANCE MARTIN RESTROOMS
PRESSURE PIPING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

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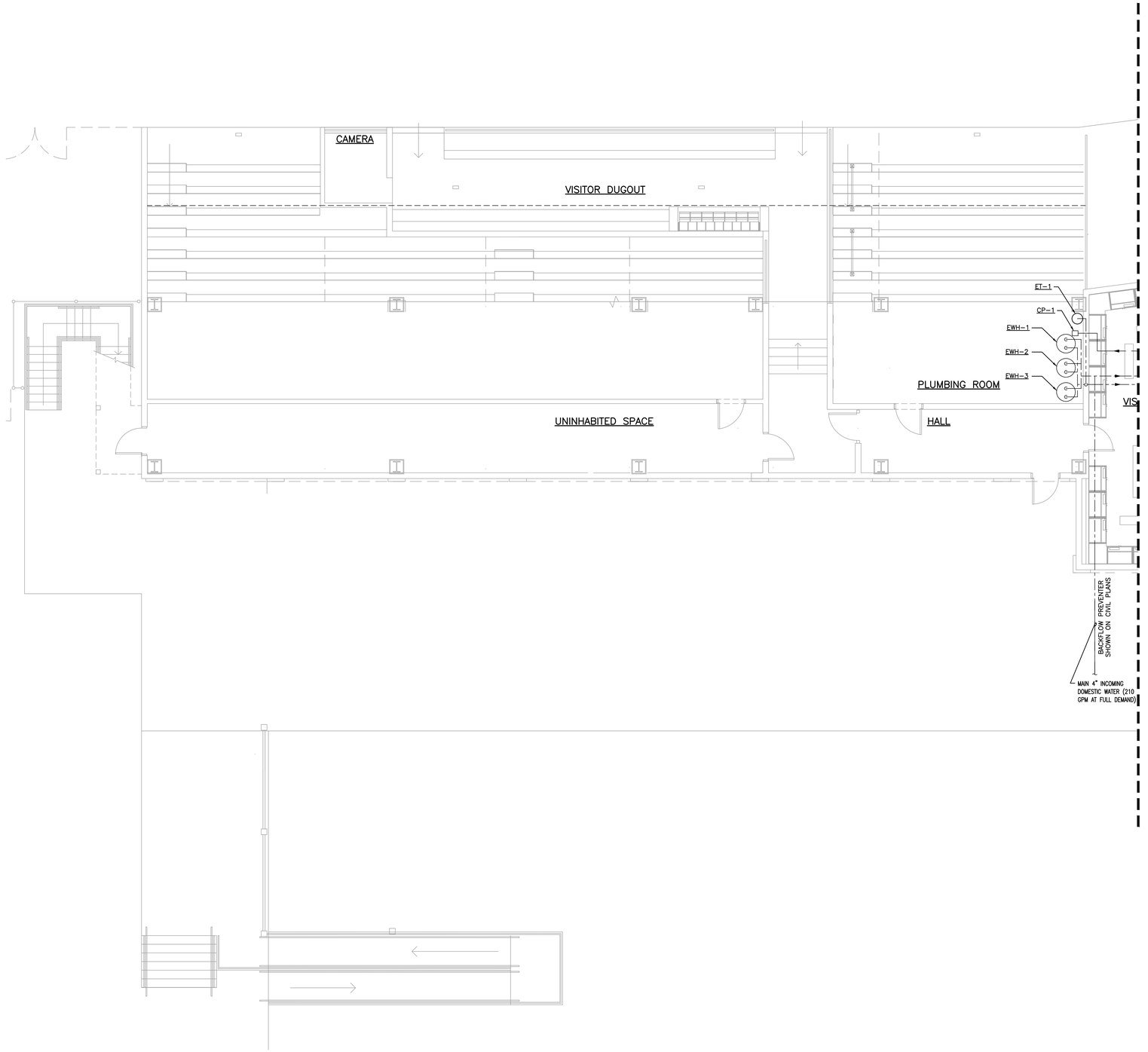
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DRAWING INFORMATION:
TERRANCE MARTIN RESTROOMS
PRESSURE & GRAVITY PIPING PLAN

DATE: 3-16-2020
DRAWN BY: TJT

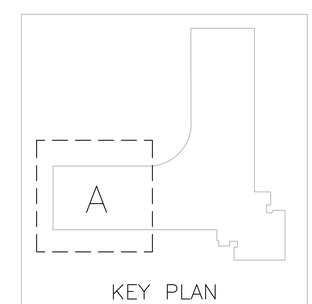
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FIELD LEVEL (PLAN A) PRESSURE PIPING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'



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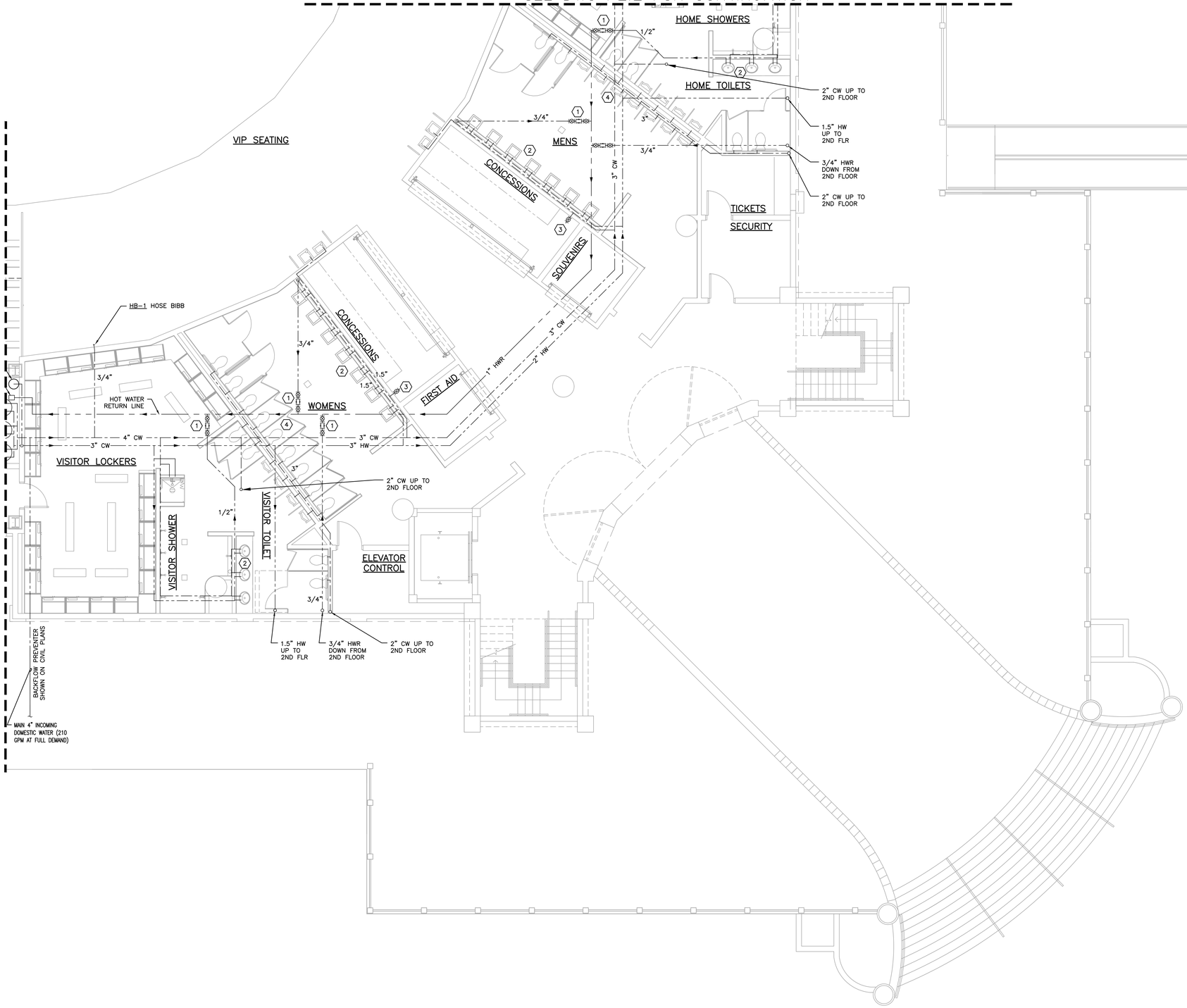
DRAWING INFORMATION:
FIELD LEVEL (PLAN A)
PRESSURE PIPING PLAN

DATE: 3-16-2020
DRAWN BY: TJT

SHEET NUMBER:
P2.0

SEE DWG P2.2 FOR CONTINUATION

SEE DWG P2.0 FOR CONTINUATION



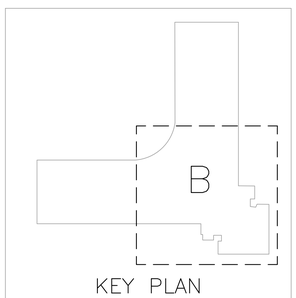
FIELD LEVEL (PLAN A) PRESSURE PIPING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED PLAN NOTES:

1. HWR INCLUDE CIRCUIT SETTER BALANCING VALVE WITH ISOLATION VALVES ON EITHER SIDE.
2. IECC REQUIRES THAT HOT WATER LINE BE WITHIN 2 FEET OF THE FIXTURE. THIS APPLIES TO ALL PUBLIC RESTROOMS. THIS SHORT DISTANCE REQUIRES THAT HOT WATER LINE DROP DOWN INTO WALL CAVITY AND LOOP PAST EACCH LAVATORY AND THEN RISE UP AGAIN ABOVE CEILING AND CONNECT BACK TO HOT WATER RETURN. THIS ALLOWS THE HOT WATER LINE AS MAINTAINED BY HWR BE WITHIN 2 FEET OF THE FIXTURE.
3. ROUTE 1" CW INTO CONCESSIONS AREA WITH DOUBLE CHECK AND ISOLATION BALL VALVE.
4. 3" CW DOWN TO WALL CAVITY BEHIND/BETWEEN BACK OF WATER CLOSETS AND URINALS. INCLUDE MULTIPLE WATER HAMMER ARRESTORS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE NECESSARY ACCESS DOOR IN DRYWALL ABOVE TILE. POSITION WATER HAMMER ARRESTOR TO BE ACCESSIBLE FOR MAINTENANCE WITHOUT TEARING OUT TILE.



KEY PLAN

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PROFESSIONAL ENGINEER
THOMAS J. TIDWELL
2-35347-1B
U.S. VIRGIN ISLANDS

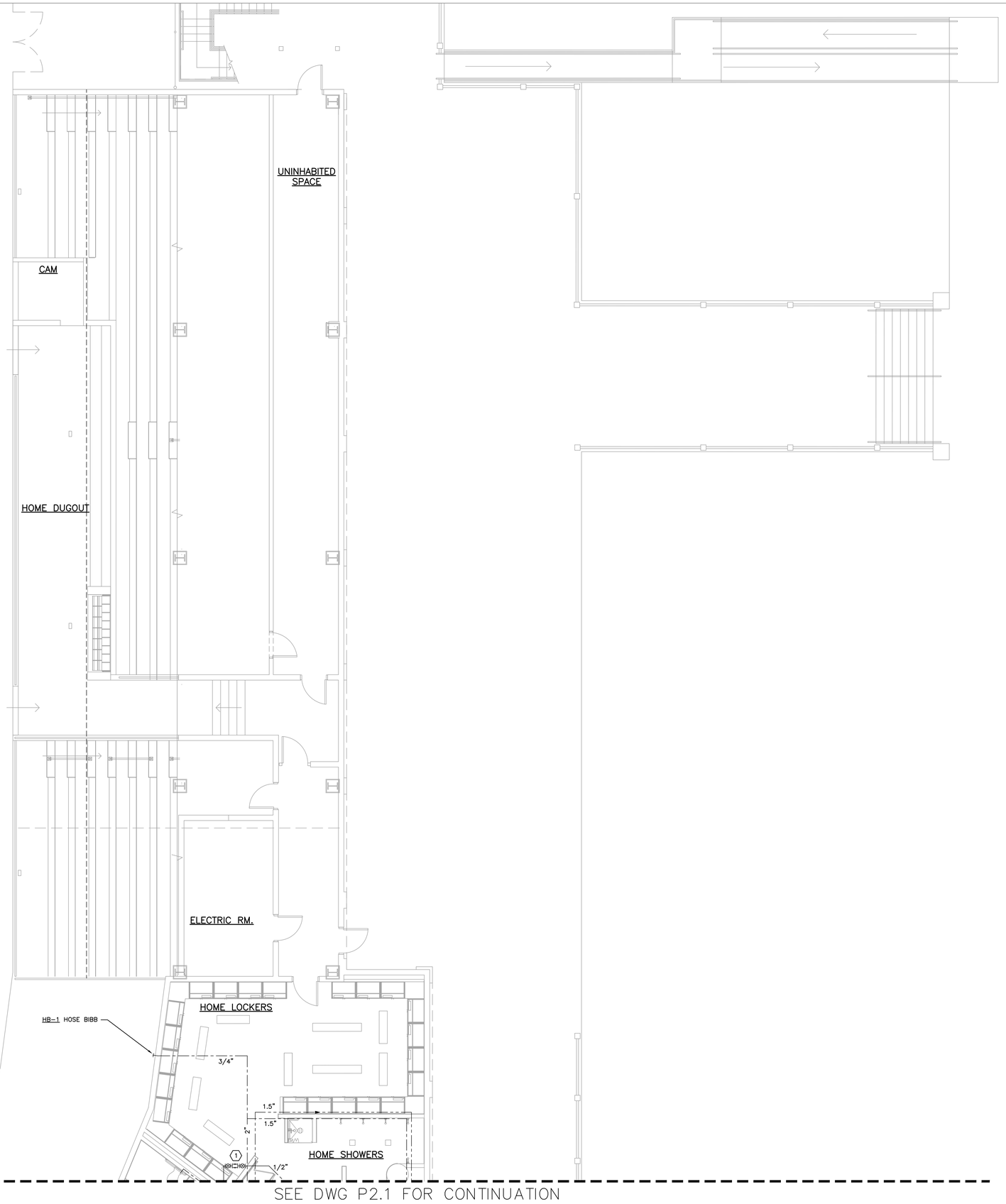
Steven E. Hutchins AIA Architects
109-113 ESTATE CASTLE COAKLEY
CHRISTIANSTED, ST. CROIX
U.S. VIRGIN ISLANDS 00822
TEL 340-778-8898 FAX 340-778-7754

PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
FIELD LEVEL (PLAN B)
PRESSURE PIPING PLAN

DATE: 3-16-2020
DRAWN BY: TJT

SHEET NUMBER:
P2.1



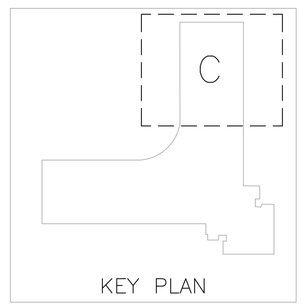
FIELD LEVEL (PLAN C)
PRESSURE PIPING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED PLAN NOTES:

1. HWR INCLUDE CIRCUIT SETTER BALANCING VALVE WITH ISOLATION VALVES ON EITHER SIDE.



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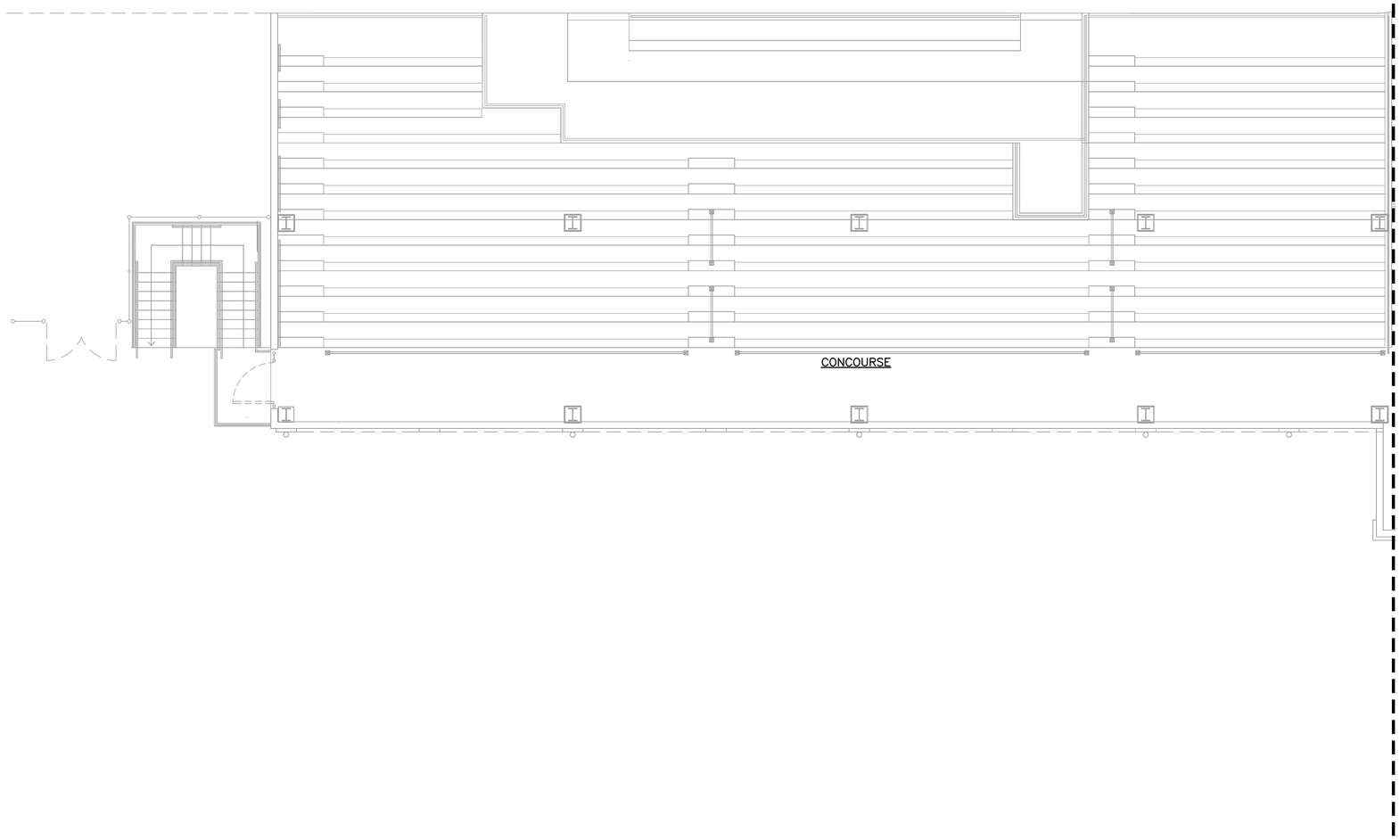
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DRAWING INFORMATION:
FIELD LEVEL (PLAN C)
PRESSURE PIPING PLAN

DATE: 3-16-2020
DRAWN BY: TJT

SHEET NUMBER:
P2.2



SEE DWG P2.4 FOR CONTINUATION

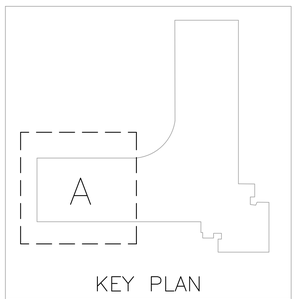
CONCOURSE LEVEL (PLAN A)
PRESSURE PIPING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED PLAN NOTES:

1. X



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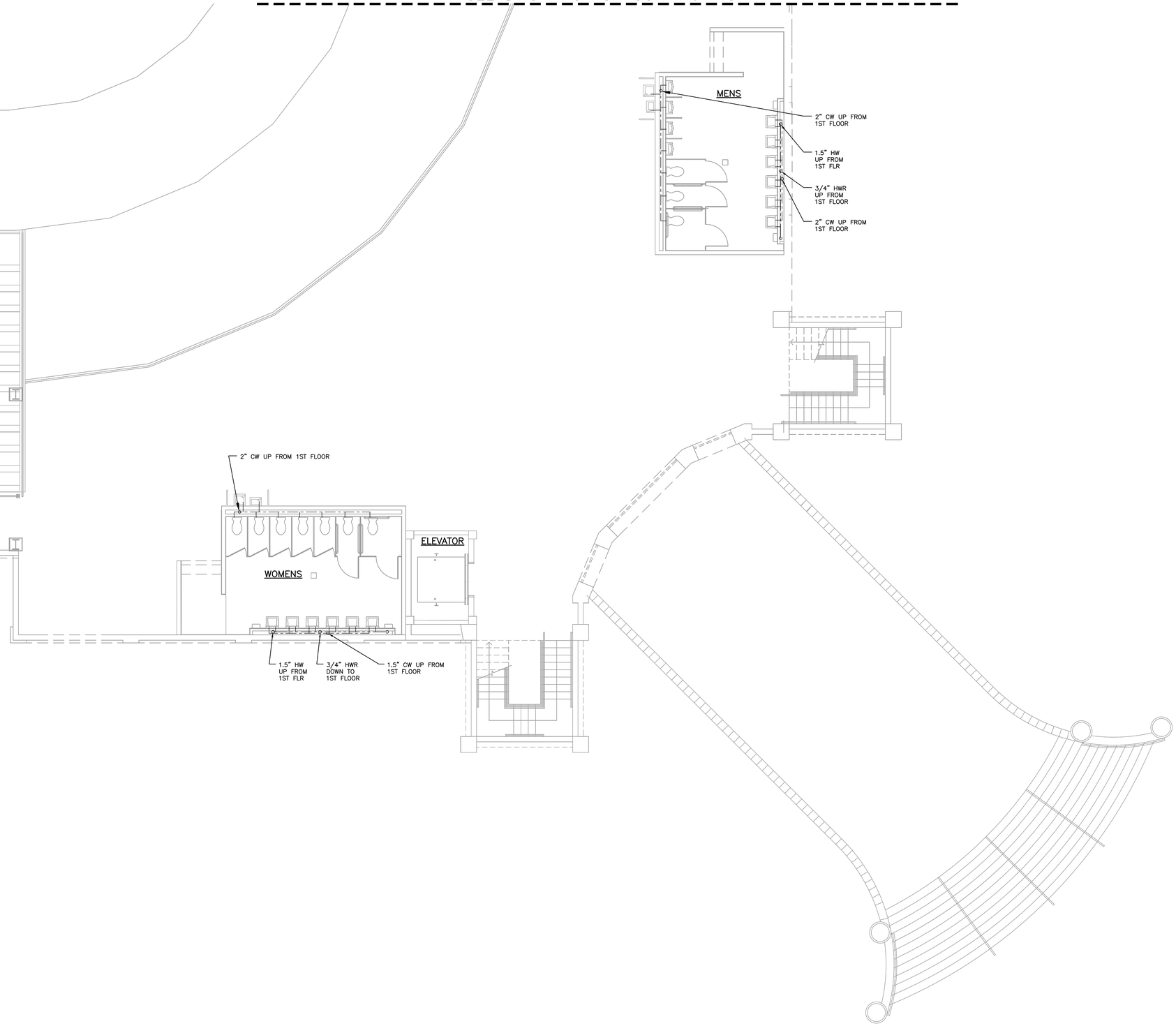
DRAWING INFORMATION:
CONCOURSE LEVEL (PLAN A)
PRESSURE PIPING PLAN

DATE: 3-16-2020
DRAWN BY: TJT

SHEET NUMBER:
P2.3

SEE DWG P1.5 FOR CONTINUATION

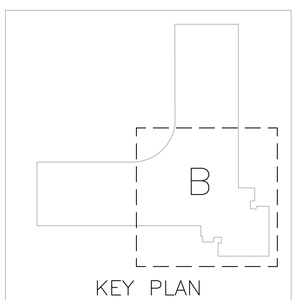
SEE DWG P2.3 FOR CONTINUATION



CONCOURSE LEVEL (PLAN B) PRESSURE PIPING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'



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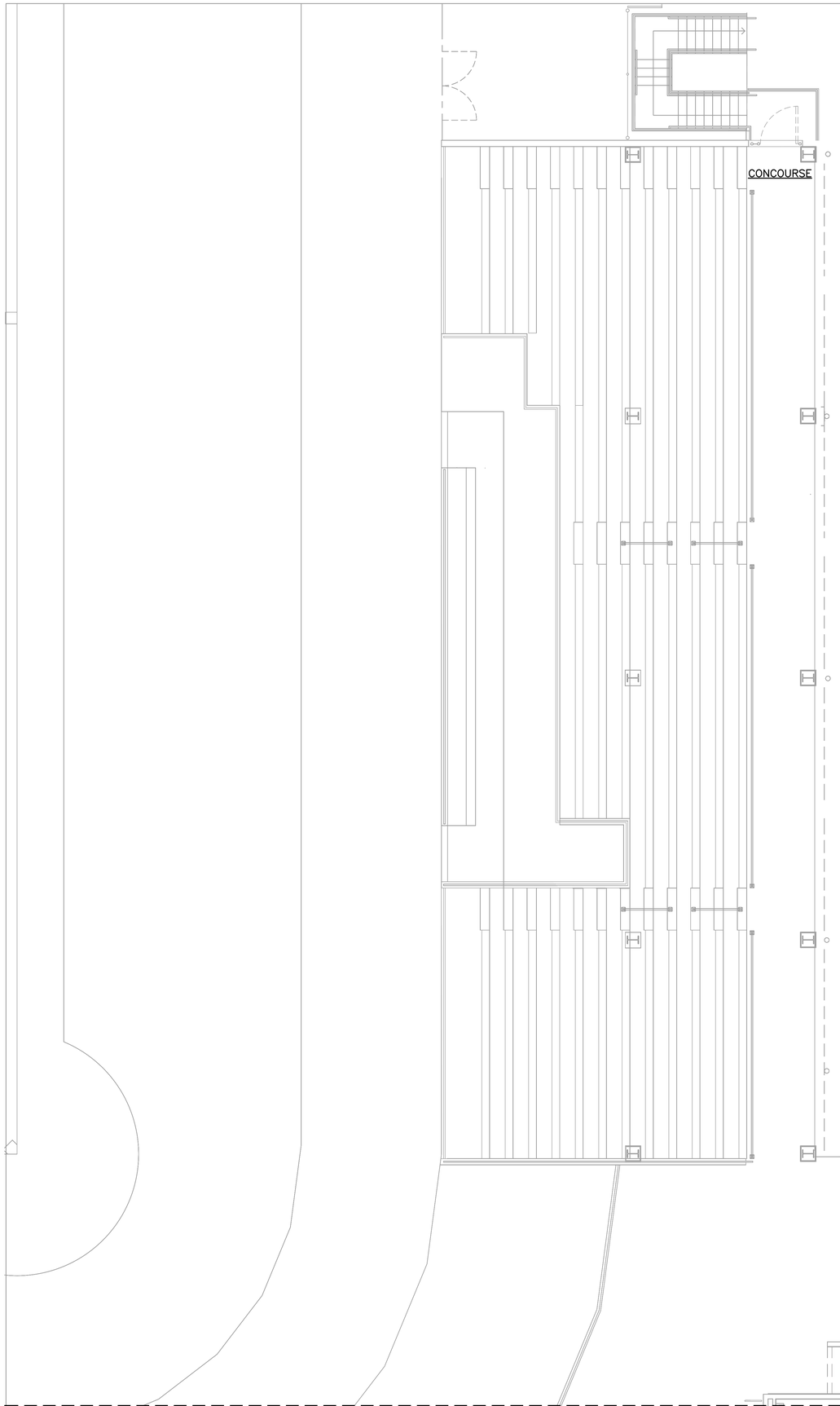
CONCOURSE LEVEL (PLAN B)
PRESSURE PIPING PLAN

DATE: 3-16-2020

DRAWN BY: TJT

SHEET NUMBER:

P2.4

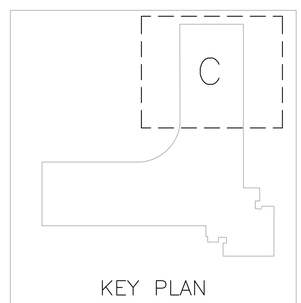


CONCOURSE LEVEL (PLAN C)
PRESSURE PIPING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

SEE DWG P1.4 FOR CONTINUATION



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PRESSURE PIPING PLAN

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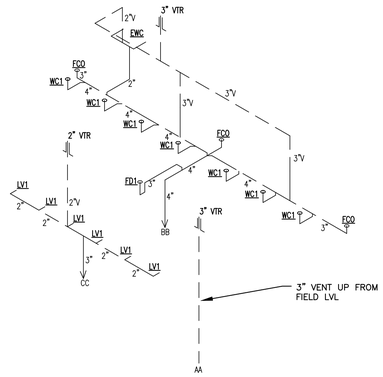
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P2.5

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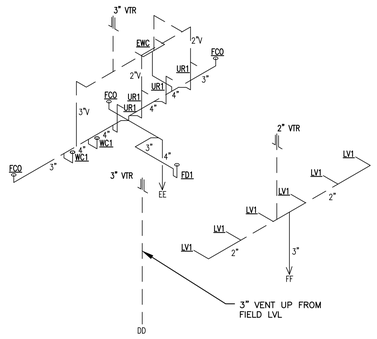
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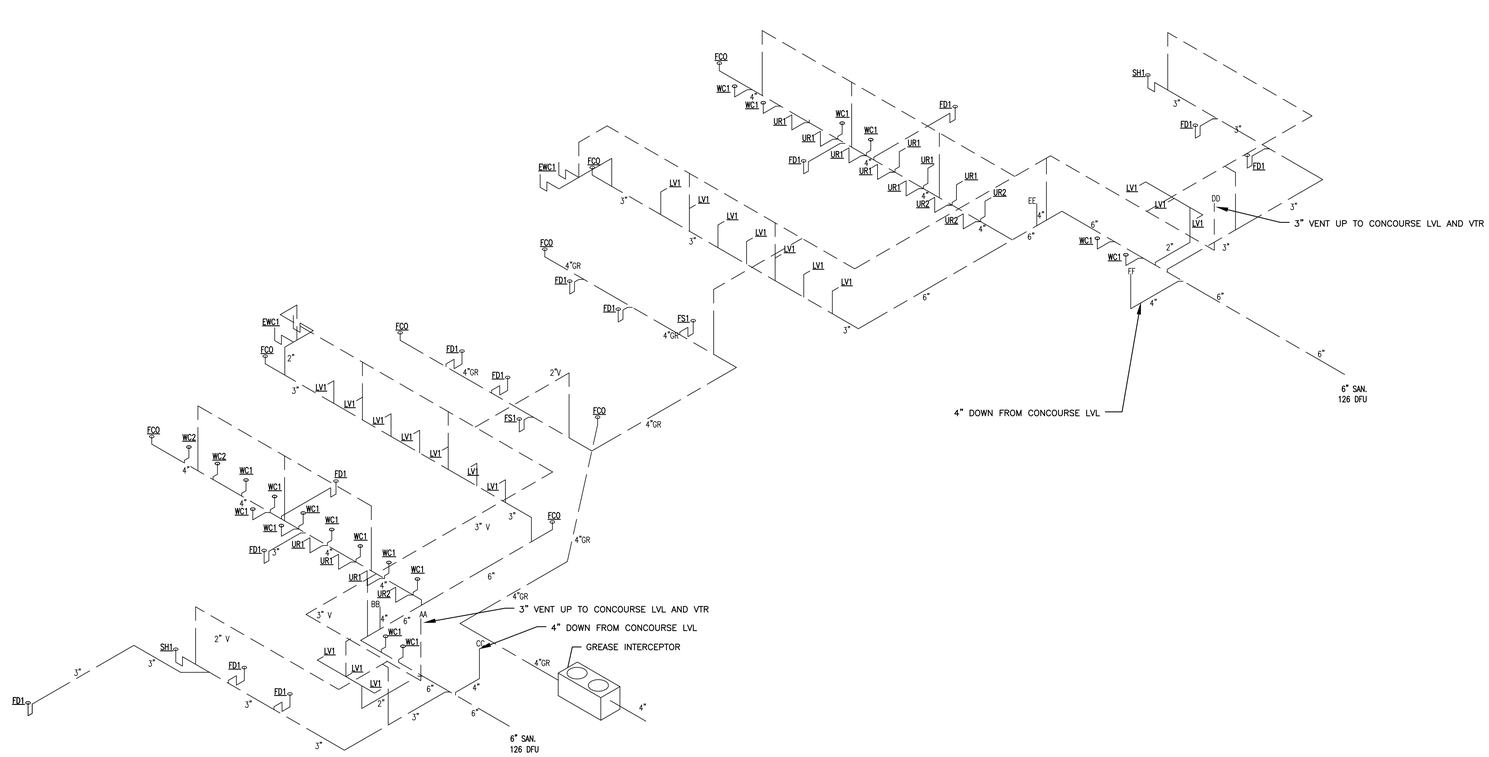
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CONCOURSE LEVEL
SANITARY RISER DIAGRAM



CONCOURSE LEVEL
SANITARY RISER DIAGRAM



FIELD LEVEL
SANITARY RISER DIAGRAM

PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
FIELD & CONCOURSE LEVEL
SANITARY RISER DIAGRAMS

DATE: 3-16-2020
DRAWN BY: TJT

SHEET NUMBER:
P3.0

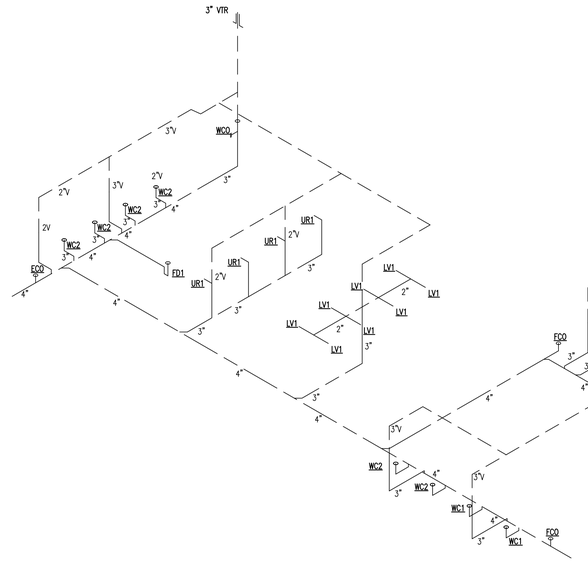
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TERRANCE MARTIN RESTROOMS
SANITARY RISER DIAGRAM

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AND SPORT COMPLEX

DRAWING INFORMATION:
TERRANCE MARTIN RESTROOMS
PLUMBING RISER DIAGRAMS

DATE: 3-16-2020
DRAWN BY: TJT

SHEET NUMBER:
P3.1

LUMINAIRE SCHEDULE

(1) ALL 'HALF-SHADED' EMERGENCY

(2)

SYMBOL	TAG	DESCRIPTION	MANUFACTURER	VOLTAGE	LAMPS QTY	LAMPS TYPE	INPUT WATTS	MTG/INSTALLATION (UNLESS OTHERWISE NOTED)	NOTES
	A	2'x4' LENSED LAY-IN	HE WILLIAMS- LPT-24-L43-840-S-AF12125-DIM-UNV	UNV	1	32W LED	32	RECESSED	4
	AE	2'x4' LENSED LAY-IN	HE WILLIAMS- LPT-24-L43-840-S-AF12125-EM/12W-DIM-UNV	UNV	1	32W LED	32	RECESSED	4
	B	GASKET LENSED INDUSTRIAL STRIP	HE WILLIAMS- 97-4-L50-840-FR-TP/SS LATCH-DIM-UNV	UNV	1	35W LED	35	SURFACE	4
	BE	GASKET LENSED INDUSTRIAL STRIP	HE WILLIAMS- 97-4-L50-840-FR-EM/10W-TP/SS LATCH-DIM-UNV	UNV	1	35W LED	35	SURFACE	4
	C	GASKET LENSED INDUSTRIAL STRIP	HE WILLIAMS- EGL2-4-L107-HIAFR-SS LATCH-TP-DIM-UNV	UNV	1	89W LED	89	SURFACE	4
	CE	GASKET LENSED INDUSTRIAL STRIP	HE WILLIAMS- EGL2-4-L107-HIAFR-EM/10W-SS LATCH-TP-DIM-UNV	UNV	1	89W LED	89	SURFACE	4
	E1	EXIT SIGN	BEGHELLI- PX-A-R-SA-AT	UNV	1	3W LED	3	SURFACE	
	EM	EMERGENCY LIGHT	BEGHELLI- ESL-12-36-2BTMR-FM-AT	UNV	1	35W LED	35	SURFACE	
	H1	HANDRAIL WITH EM LIGHTING	INTENSE- IVR15-SPI-ST-E42-HO-40-60S	UNIV	1	4.6W LED /FT	4.6/FT	GROUND	
OS1	OS1	OCCUPANCY SENSOR - DUAL TECH	WATTSTOPPER- DT-300 (CEILING)						
	OS2	OCCUPANCY SENSOR - PASSIVE (WALL)	WATTSTOPPER- DSW-302						
	SC1	SCONCE	HE WILLIAMS- WPCL-L94/840-BZ-EM/6W-DIM-UNV	UNIV	1	93W LED	93	WALL	2
	SL1	AREA/SITE LIGHT	VISIONAIRE- N2S-L-HTL2CP-T5-84LC-3-4K-UNV-PT-BZ-PCR-277	UNIV	1	91W LED	91	POLE MOUNTED	3
	W1	FULL CUT-OFF LED WALL PACK (LG)	HE WILLIAMS- WPCL-L94/840-BZ-EM/6W-DIM-UNV	UNV	1	93W LED	93	WALL	2
	W2	FULL CUT-OFF LED WALL PACK (LG)	HE WILLIAMS- WPCL-L94/840-BZ-EM/6W-DIM-UNV	UNV	1	93W LED	93	WALL	2
	Q	LOW BAY	HE WILLIAMS- GC-L120-850-W-X-DIM-UNV	UNV	1	105W LED	105	SUSPENDED	

(#) KEYED LTG SCHEDULE NOTES:

1. WHERE 'SYMBOL HALF SHADED' IS INDICATED, PROVIDE FIXTURE WITH BUILT-IN EMERGENCY BATTERY UNIT FOR EMERGENCY EGRESS LIGHTING (1100 LUMEN MIN FOR 4FT LAMPS). PROVIDE DOWNLIGHTS WITH TEST BUTTON MOUNTED IN TOP OF REFLECTOR. CONNECT FIXTURE WIRING AS FOLLOWS: 'HALF SHADED'- FIXTURE BATTERY UNIT OPERATES LAMPS ON FAILURE OF BRANCH CIRCUIT. 'NL'- FIXTURES ARE TO BE CONNECTED AHEAD OF LOCAL SWITCH(ES) TO OPERATE AS NIGHT LIGHT, BATTERY UNIT OPERATES LAMPS ON FAILURE OF BRANCH CIRCUIT.
2. ORDER FIXTURE WITH ALL REQUIRED PARTS, BRACKETS, ETC FOR WALL MOUNTING.
3. ORDER POLE 15FT POLE.
4. TO ENSURE FIXTURE QUALITY AND LONGVITY, FIXTURES SHALL BE PAINTED AFTER FABRICATION.

EXIT SIGN PLAN NOTES:

1. EXTERIOR EXIT DOOR WALLPACKS FOR PERSONNEL EXTERIOR EGRESS SHALL HAVE AN UNSWITCHED CIRCUIT WIRE TO THE BALLAST THAT WOULD SIGNAL THE BALLAST IF THERE IS A LOSS OF UTILITY POWER, AND SWITCH TO EMERGENCY BALLAST AND ENERGIZE. WHILE UNDER NORMAL CONDITIONS THE PHOTOCELL CONTROLLED CIRCUIT WILL CYCLE THE FIXTURE ON AND OFF.
2. EXIT SIGNS & EMERGENCY EGRESS PACKS ARE WIRED AHEAD OF ALL SWITCHING CONTROLS TO HAVE CONTINUOUS CIRCUIT AND IF THERE IS A LOSS OF UTILITY POWER, SWITCH TO EMERGENCY BALLAST AND ENERGIZE.

DRAWING INDEX

NUMBER	DESCRIPTION
E0.0	LEGEND & DRAWING INDEX
E0.1	ENLARGED SITE PLAN
E0.2	ENLARGED SITE PLAN (BASEBALL STADIUM)
E0.3	ENLARGED SITE PLAN (LITTLE LEAGUE BASEBALL STADIUM)
E0.4	ENLARGED SITE PLAN (CANAVERAL VILLAGE)
E1.0	FIELD LEVEL (PLAN A) ELEC LIGHTING PLAN
E1.1	FIELD LEVEL (PLAN B) ELEC LIGHTING PLAN
E1.2	FIELD LEVEL (PLAN C) ELEC LIGHTING PLAN
E1.3	CONCOURSE LEVEL (PLAN A) ELEC LIGHTING PLAN
E1.4	CONCOURSE LEVEL (PLAN B) ELEC LIGHTING PLAN
E1.5	CONCOURSE LEVEL (PLAN C) ELEC LIGHTING PLAN
E1.6	SUITE LEVEL (PLAN B) ELEC LIGHTING PLAN
E2.0	FIELD LEVEL (PLAN A) ELEC POWER & SYSTEMS
E2.1	FIELD LEVEL (PLAN B) ELEC POWER & SYSTEMS
E2.2	FIELD LEVEL (PLAN C) ELEC POWER & SYSTEMS
E2.3	CONCOURSE LEVEL (PLAN A) ELEC POWER & SYSTEMS
E2.4	CONCOURSE LEVEL (PLAN B) ELEC POWER & SYSTEMS
E2.5	CONCOURSE LEVEL (PLAN C) ELEC POWER & SYSTEMS
E2.6	SUITE LEVEL (PLAN B) ELEC POWER & SYSTEMS
E2.7	ROOF LEVEL (PLAN B) ELEC LIGHTING & POWER & SYSTEMS
E2.8	MAINTENANCE & UTILITY BLDG ELEC LIGHTING & POWER & SYSTEMS
E1.0	FIELD LEVEL (PLAN A) FOUNDATION COORDINATION
E1.1	FIELD LEVEL (PLAN B) FOUNDATION COORDINATION
E1.2	FIELD LEVEL (PLAN C) FOUNDATION COORDINATION
E3.0	ELEC RISER DIAGRAM
E3.1	FIRE ALARM DIAGRAM
E3.2	PANEL SCHEDULES
E4.0	ELECTRICAL DETAILS
E4.1	ELECTRICAL DETAILS
E4.2	ELECTRICAL DETAILS
M0.1	MECHANICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS
M0.2	MECHANICAL SCHEDULES
M1.0	FIELD LEVEL (PLAN A) MECH PLAN
M1.1	FIELD LEVEL (PLAN B) MECH PLAN
M1.2	FIELD LEVEL (PLAN C) MECH PLAN
M1.3	CONCOURSE LEVEL (PLAN A) MECH PLAN
M1.4	CONCOURSE LEVEL (PLAN B) MECH PLAN
M1.5	CONCOURSE LEVEL (PLAN C) MECH PLAN
M1.6	SUITE LEVEL (PLAN A) MECH PLAN
M1.7	SUITE LEVEL (PLAN B) MECH PLAN
M1.8	SUITE LEVEL (PLAN C) MECH PLAN
M1.9	ROOF LEVEL (PLAN B) MECH PLAN
M2.0	MECHANICAL DETAILS
P0.1	GENERAL NOTES & SPECIFICATIONS - PLUMBING
P0.2	FIXTURE & EQUIPMENT SCHEDULES - PLUMBING
P1.0	FIELD LEVEL (PLAN A) PLUMB PLAN - GRAVITY
P1.1	FIELD LEVEL (PLAN B) PLUMB PLAN - GRAVITY
P1.2	FIELD LEVEL (PLAN C) PLUMB PLAN - GRAVITY
P1.3	CONCOURSE LEVEL (PLAN A) PLUMB PLAN - GRAVITY
P1.4	CONCOURSE LEVEL (PLAN B) PLUMB PLAN - GRAVITY
P1.5	CONCOURSE LEVEL (PLAN C) PLUMB PLAN - GRAVITY
P1.6	SUITE LEVEL (PLAN A) PLUMB PLAN - GRAVITY
P1.7	SUITE LEVEL (PLAN B) PLUMB PLAN - GRAVITY
P1.8	SUITE LEVEL (PLAN C) PLUMB PLAN - GRAVITY
P2.0	FIELD LEVEL (PLAN A) PLUMB PLAN - PRESSURE
P2.1	FIELD LEVEL (PLAN B) PLUMB PLAN - PRESSURE
P2.2	FIELD LEVEL (PLAN C) PLUMB PLAN - PRESSURE
P2.3	CONCOURSE LEVEL (PLAN A) PLUMB PLAN - PRESSURE
P2.4	CONCOURSE LEVEL (PLAN B) PLUMB PLAN - PRESSURE
P2.5	CONCOURSE LEVEL (PLAN C) PLUMB PLAN - PRESSURE
P2.6	SUITE LEVEL (PLAN B) PLUMB PLAN - PRESSURE
F0.1	GENERAL NOTES & SPECIFICATIONS - FIRE PROTECTION
F0.2	ENGINEERING CRITERIA - FIRE PROTECTION
F1.0	FIELD LEVEL (PLAN A) FIRE PROTECTION
F1.1	FIELD LEVEL (PLAN B) FIRE PROTECTION
F1.2	FIELD LEVEL (PLAN C) FIRE PROTECTION
F1.3	CONCOURSE LEVEL (PLAN A) FIRE PROTECTION
F1.4	CONCOURSE LEVEL (PLAN B) FIRE PROTECTION
F1.5	CONCOURSE LEVEL (PLAN C) FIRE PROTECTION
F1.6	SUITE LEVEL (PLAN A) FIRE PROTECTION
F1.7	SUITE LEVEL (PLAN B) FIRE PROTECTION
F1.8	SUITE LEVEL (PLAN C) FIRE PROTECTION

ELECTRICAL LEGEND

BRANCH CIRCUIT HOMERUNS:
[(2) CIRCUIT 'EXAMPLE']
> GND HASHMARK DENOTES GROUND WIRE
> LONG HASHMARK DENOTES NEUTRAL WIRE
> SHORT HASHMARKS DENOTE PHASE WIRES
(20A CKTS SHALL BE MIN #12, 1/2"C UON)
(30A CKTS SHALL BE MIN #10, 1/2"C UON)

[NO HASHMARKS DENOTE 3 WIRES]
(GROUND, NEUTRAL, PHASE)

CKT- CONDUIT/WIRE
CKT- CONDUIT/WIRE UNDERFLOOR/GRADE
CKT- EMERGENCY OR LOW VOLTAGE (LV)
GROUNDING ELECTRODE
GROUNDING SYMBOL
CKT- PULLWIRE IN CONDUIT
CKT- CONDUIT STUB-OUT 12" ABOVE GRADE
CKT- CONDUIT TURNED UP/DWN SEE DWGS

(VD) UPSIZED CONDUCTORS FOR VOLTAGE DROP

LTG- PHOTOCELL
LTG- EMERGENCY EXIT SIGN
LTG- EMERGENCY EXIT SIGN W/EGRESS HEADS
LTG- EMERGENCY EGRESS
LTG- EMERGENCY EGRESS DEMANDING AREAS
$ LTG- SWITCH SINGLE POLE TOGGLE
$3 LTG- SWITCH 3 WAY
$4 LTG- SWITCH 4 WAY
LTG- SWITCH DIMMER
LTG- OCCUPANCY SENSOR WALL MTD
OS LTG- OCCUPANCY SENSOR CLG MTD
DT LTG- OCCUPANCY SENSOR POWER PACK
LTG- HID
LTG- RECESSED DOWN LIGHT
LTG- RECESSED DOWN LIGHT W/EMERG BALLAST
LTG- VAPORTIGHT
LTG- MULTI-PURPOSE
LTG- FLUOR 4FT STRIP
LTG- FLUOR STRIP W/EMERG BALLAST
LTG- FLUOR 8FT STRIP
LTG- FLUOR ENCL STRIP W/EMERG BALLAST
LTG- FLUOR TROFFER ACRYLIC/OTHER
LTG-SPORTS LIGHTS (BY OTHERS)
LTG- WALLPACK LARGE

1 / ED-0.1 DETAIL SYMBOL- DETAIL # / DRAWING # ARROW HEAD INDICATES DIRECTION OF VIEW

PANELBOARD RESIDENTIAL (PNL)
MEDIA CENTER ENCLOSURE (MCE)
TELEPHONE BACKBOARD (TBB)
30/3/3R DISC- SWITCH (NEMA FRAME SIZE/ # POLES/NEMA ENCLOSURE)
30/3/15/3R F DISC- SWITCH FUSED (NEMA FRAME SIZE/ # POLES/FUSE SIZE/NEMA ENCLOSURE)
M MOTOR
REC- DUPLEX
MTD ABOVE MILLWORK (SEE ARCH DWGS)
REC- DUPLEX GND FAULT INTERRUPTER (GFI)
MTD ABOVE MILLWORK (SEE ARCH DWGS)
REC- DUPLEX GFI W/IN-USE WP ENCLOSURE
REC- QUADRAPLEX
MTD ABOVE MILLWORK (SEE ARCH DWGS)
J JBX- JUNCTION BOX (JBX)

COMM- (1) RJ45 JACK W/ (1) CAT-6 CABLE
MTD ABOVE MILLWORK (SEE ARCH DWGS)
COMM- (2) RJ45 JACKS W/ (2) CAT-6 CABLES
MTD ABOVE MILLWORK (SEE ARCH DWGS)
COMM- (1) F-CONNECTOR W/ (1) RG-6 CABLE
MTD ABOVE MILLWORK (SEE ARCH DWGS)
COMM- WALL MTD SPEAKER FLUSH
COMM- CEILING MTD SPEAKER FLUSH
CR COMM- SECURITY CARD READER
COMM- SECURITY HORN
COMM- SECURITY CAMERA
COMM- WIRELESS BROADCAST POINT
1 REVISIONS/ADDITIONS

SEE DWG E3.1 FOR FIRE ALARM LEGEND

ABBREVIATIONS

A	AMPS
AF	AMP FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
AIC	AVAILABLE INTERRUPTING CAPACITY
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AT	AMP TRIP (BREAKER)
C	CONDUIT
CALC	CALCULATION
CLG	CEILING
CKT	CIRCUIT
COMM	COMMUNICATIONS
CT's	CURRENT TRANSFORMERS
CU	CONDENSER UNIT
DISC	DISCONNECT
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
ELEC	ELECTRICAL
ENCL	ENCLOSED
EPO	EMERGENCY POWER OFF STATION
EXIST	EXISTING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FLUOR	FLUORESCENT
FTU	FAN TERMINAL UNIT
FVNR	FULL VOLTAGE NON-REVERSING (STARTER)
G	GROUND
GEC	GROUNDING ELECTRODE
GFI	GND FAULT INTERRUPTER
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JBX	JUNCTION BOX
LT/LTG	LIGHT/ LIGHTING
LV	LOW VOLTAGE
MB	MAIN BREAKER
MCA	MINIMUM CIRCUIT AMPACITY
MCE	MEDIA CENTER ENCLOSURE
MCP	MOTOR CIRCUIT PROTECTOR (BKR)
MDP	MAIN DISTRIBUTION PANEL
MOCP	MAXIMUM OVERCURRENT PROTECTION
MT/MTD	MOUNT/ MOUNTED
MV	MULTI-VOLT (480/277/120V)
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELEC MANUFACTURERS ASSOCIATION
NL	NIGHT LIGHT (CKT AHEAD OF ALL SWITCHES)
OCP	OVERCURRENT PROTECTION
PNL	PANELBOARD
PWR	POWER
REC	RECEPTACLE
REV	REVISION
RTU	ROOF TOP UNIT
SAP	SECURITY ALARM PANEL
SE	SERVICE ENTRANCE
SPD	SURGE PROTECTION DEVICE
SPECS	SPECIFICATIONS
SSRV	SOLID STATE REDUCE VOLTAGE (STARTER)
SYS	SYSTEMS
TBD	TO BE DETERMINED
T/M	THERMAL MAGNETIC BREAKER
T/S	TIMESWITCH
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
UH	UNIT HEATER
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTED POWER SUPPLY
V	VOLTAGE
WH	WATER HEATER
WP	WEATHER PROTECTED
XFMR	TRANSFORMER

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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
LEGEND & DRAWING INDEX

DATE: 3-16-2020
DRAWN BY: SRP

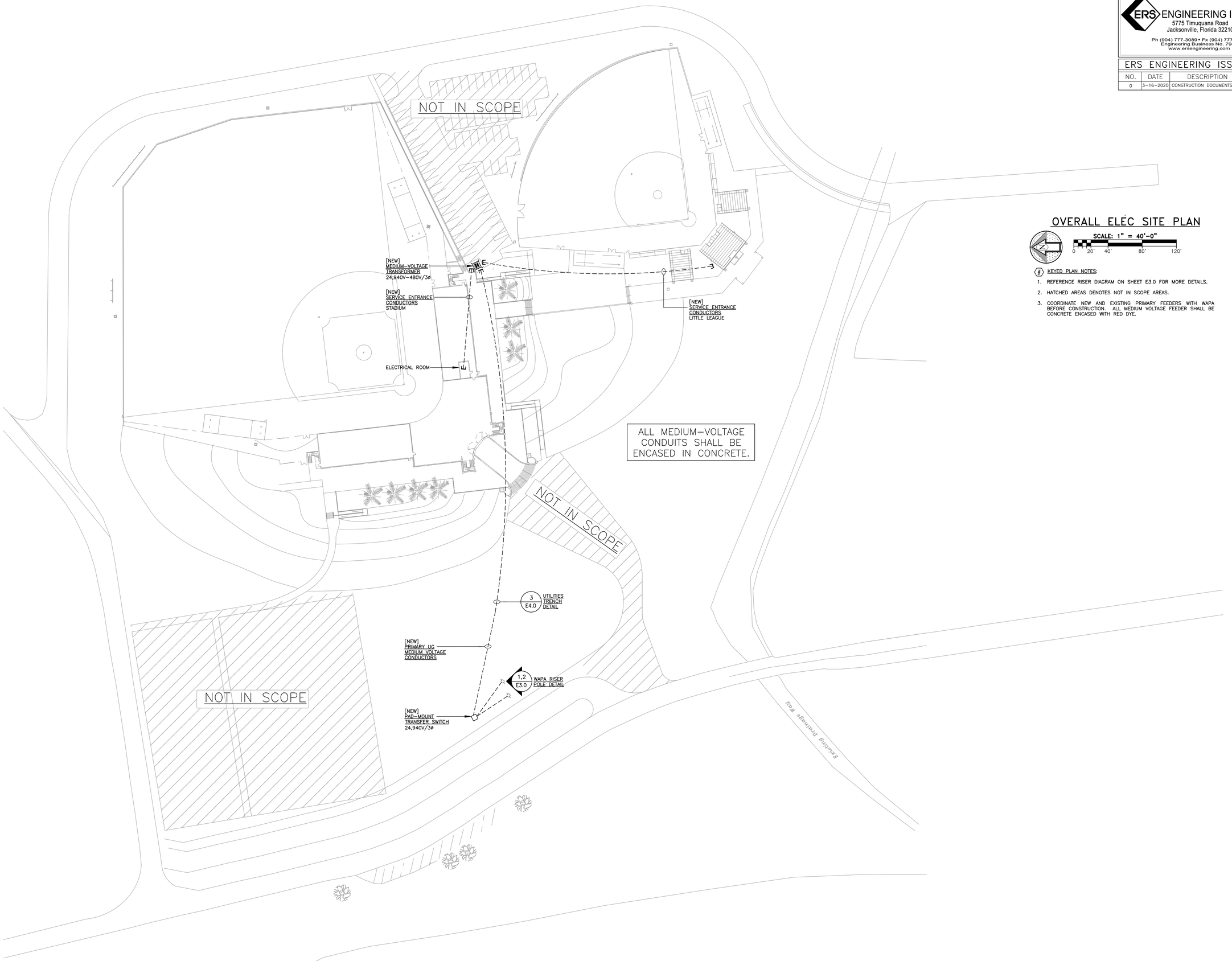
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E0.0

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OVERALL ELEC SITE PLAN

SCALE: 1" = 40'-0"
0 20' 40' 80' 120'

(#) KEYED PLAN NOTES:

1. REFERENCE RISER DIAGRAM ON SHEET E3.0 FOR MORE DETAILS.
2. HATCHED AREAS DENOTES NOT IN SCOPE AREAS.
3. COORDINATE NEW AND EXISTING PRIMARY FEEDERS WITH WAPA BEFORE CONSTRUCTION. ALL MEDIUM VOLTAGE FEEDER SHALL BE CONCRETE ENCASED WITH RED DYE.

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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
OVERALL ELECTRICAL SITE PLAN

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E0.1

[PARTIAL] PEJ BASEBALL STADIUM
ELEC LIGHTING & POWER PLAN

SCALE: 1/16" = 1'-0"

0 4' 8' 16' 32' 48'

(#) KEYED PLAN NOTES:

1. REFER TO RISER DIAGRAM ON SHEET E3.0 FOR MORE DETAIL.
2. REFERENCE ELECTRICAL SITE PLAN, SHEET E0.1 FOR MORE DETAILS.
3. SPORT LIGHTING LOCATIONS ARE SHOWN FOR REFERENCE ONLY. COORDINATE LOCATIONS AND LOADS WITH FINAL APPROVED MUSCO DESIGN SUBMITTAL.

SPARE
1-2"PVC FOR COMM.
1-1"PVC SPARE W/
PULLWIRE

SCOREBOARD
DISCONNECT
100A/3/100A/3R

SCORE BOARD CIRCUIT #1
FH-4 100A/3P
3-#2, #8G, 1 1/2" PVC

CONDUITS SHALL
BE INSTALLED 42"
BELOW GRADE.
(TYP. FOR ALL)

1-2"PVC FOR COMM.
1-1"PVC SPARE W/
PULLWIRE

LIGHTING CIRCUIT #3
FH-3 25A/3P
3-#6, #10G, 1" PVC

LIGHTING CIRCUIT #4
FH-5 25A/3P
3-#6, #10G, 1" PVC

LIGHTING CIRCUIT #5
FH-6 25A/3P
3-#8, #10G, 1" PVC

LIGHTING CIRCUIT #6
FH-7 20A/3P
3-#12, #12G, 1/2" PVC

COORDINATE EXACT
LOCATION WITH
ANNOUNCER/SCORE
BOARD EQUIPMENT

LIGHTING CIRCUIT #2
FH-2 25A/3P
3-#8, #10G, 1" PVC

LIGHTING CIRCUIT #1
FH-1 20A/3P
3-#10, #10G, 3/4" PVC

C1 C2 B1 B2 A1 A2

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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
ENLARGED SITE PLAN
BASEBALL STADIUM

DATE: 3-16-2020
DRAWN BY: SRP

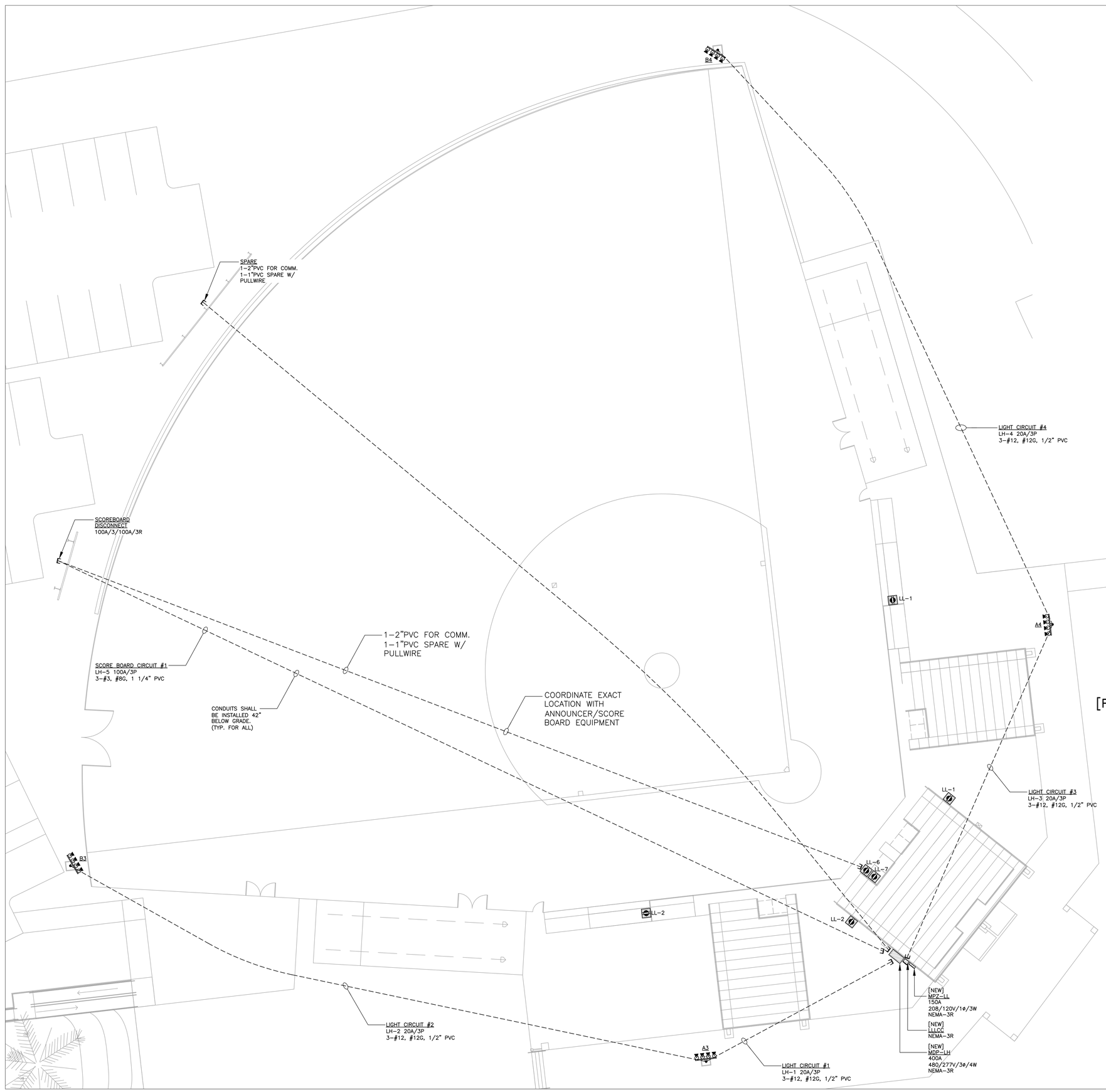
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[PARTIAL] PEJ LITTLE LEAGUE STADIUM ELEC LIGHTING & POWER PLAN

SCALE: 3/32" = 1'-0"
0 2' 6' 12' 24' 30'

(#) KEYED PLAN NOTES:

1. REFER TO RISER DIAGRAM ON SHEET E3.0 FOR MORE DETAIL.
2. REFERENCE ELECTRICAL SITE PLAN, SHEET E0.1 FOR MORE DETAILS.
3. SPORT LIGHTING LOCATIONS ARE SHOWN FOR REFERENCE ONLY. COORDINATE LOCATIONS AND LOADS WITH FINAL APPROVED MUSCO DESIGN SUBMITTAL.

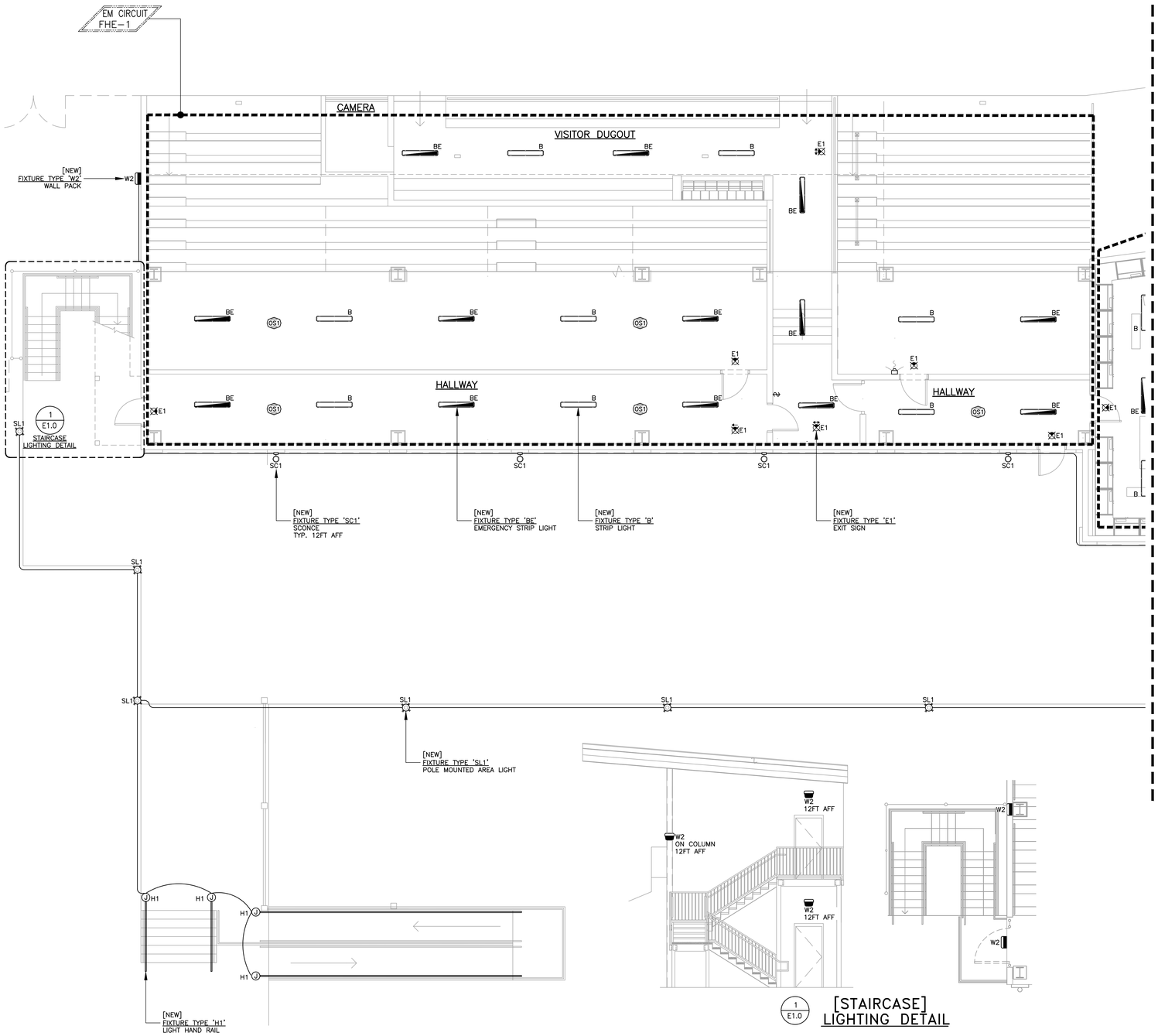
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
ENLARGED SITE PLAN
LITTLE LEAGUE BASEBALL STADIUM

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E0.3



SEE DWG E1.1 FOR CONTINUATION

1 E1.0 [STAIRCASE] LIGHTING DETAIL

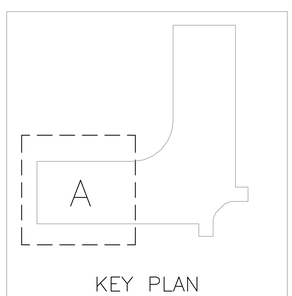
FIELD LEVEL (PLAN A) ELEC LIGHTING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED PLAN NOTES:

1. OCCUPANCY SENSORS SHALL BE SET FOR LIGHTS TO STAY ON FOR 30 MINUTES.
2. ALL EXITS SHALL HAVE EGRESS EXITS MOUNTED AT NORMAL HEIGHTS, BUT ALSO HAVE EGRESS EXITS AT FLOOR LEVEL. TOP OF FIXTURE SHALL NOT BE ABOVE 11" AFF.
3. CIRCUIT NUMBER INDICATES LIGHTING CIRCUIT OF ENTIRE DASHED AREA (TYPICAL FOR ALL).
4. CONTROL DEVICES SHOWN TO BE USED AS ROOM CONTROL FOR LIGHTS WITHIN THE SAME ROOM ONLY.
5. SMALL CASE LETTERS INDICATE LIGHTING CONTROLS AND SWITCHING (TYPICAL FOR ALL).
6. GENERAL CONTRACTOR SHALL PROVIDE PHOTOLUMINESCENCE EXIT SIGNS AT EXTERIOR EXIT POINTS. REFERENCE ARCHITECTURAL LIFE SAFETY EGRESS PLAN FOR EXACT LOCATIONS.



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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

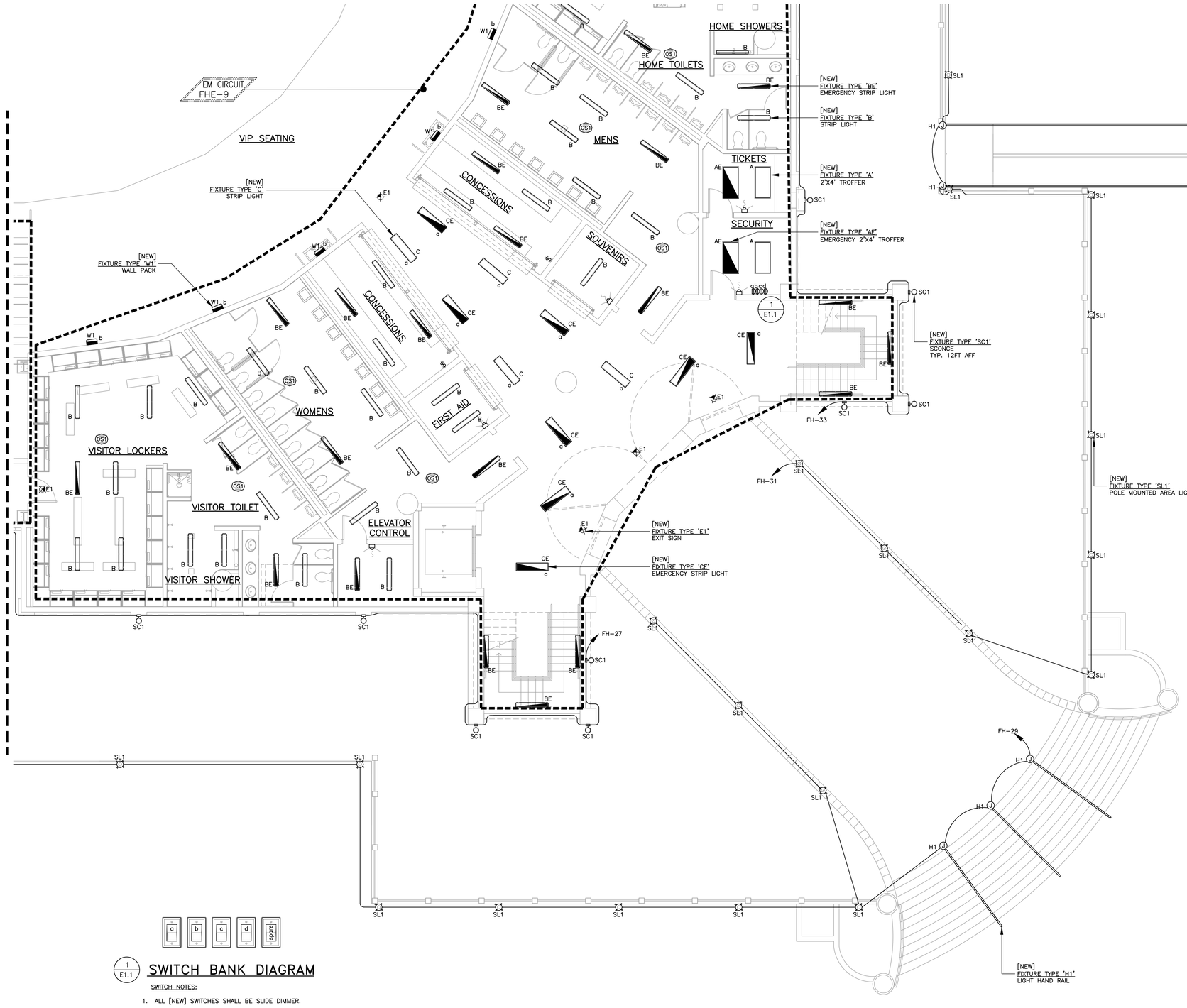
DRAWING INFORMATION:
FIELD LEVEL (PLAN A)
ELEC LIGHTING PLAN

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E1.0

SEE DWG E1.2 FOR CONTINUATION

SEE DWG E1.0 FOR CONTINUATION



SWITCH BANK DIAGRAM

SWITCH NOTES:

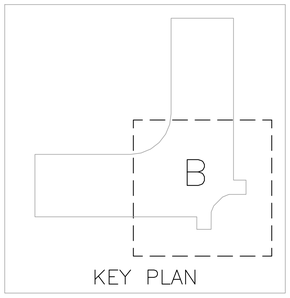
1. ALL [NEW] SWITCHES SHALL BE SLIDE DIMMER.
2. FOR SPARE SWITCH ROUTE A SPARE CONDUIT TO ABOVE THE CEILING AND INSTALL A PULLWIRE.

FIELD LEVEL (PLAN B) ELEC LIGHTING PLAN

SCALE: 3/16" = 1'-0"

KEYED PLAN NOTES:

1. OCCUPANCY SENSORS SHALL BE SET FOR LIGHTS TO STAY ON FOR 30 MINUTES.
2. ALL EXITS SHALL HAVE EGRESS EXITS MOUNTED AT NORMAL HEIGHTS, BUT ALSO HAVE EGRESS EXITS AT FLOOR LEVEL. TOP OF FIXTURE SHALL NOT BE ABOVE 11" AFF.
3. CIRCUIT NUMBER INDICATES LIGHTING CIRCUIT OF ENTIRE DASHED AREA (TYPICAL FOR ALL).
4. CONTROL DEVICES SHOWN TO BE USED AS ROOM CONTROL FOR LIGHTS WITHIN THE SAME ROOM ONLY.
5. SMALL CASE LETTERS INDICATE LIGHTING CONTROLS AND SWITCHING (TYPICAL FOR ALL).
6. GENERAL CONTRACTOR SHALL PROVIDE PHOTOLUMINESCENCE EXIT SIGNS AT EXTERIOR EXIT POINTS. REFERENCE ARCHITECTURAL LIFE SAFETY EGRESS PLAN FOR EXACT LOCATIONS.



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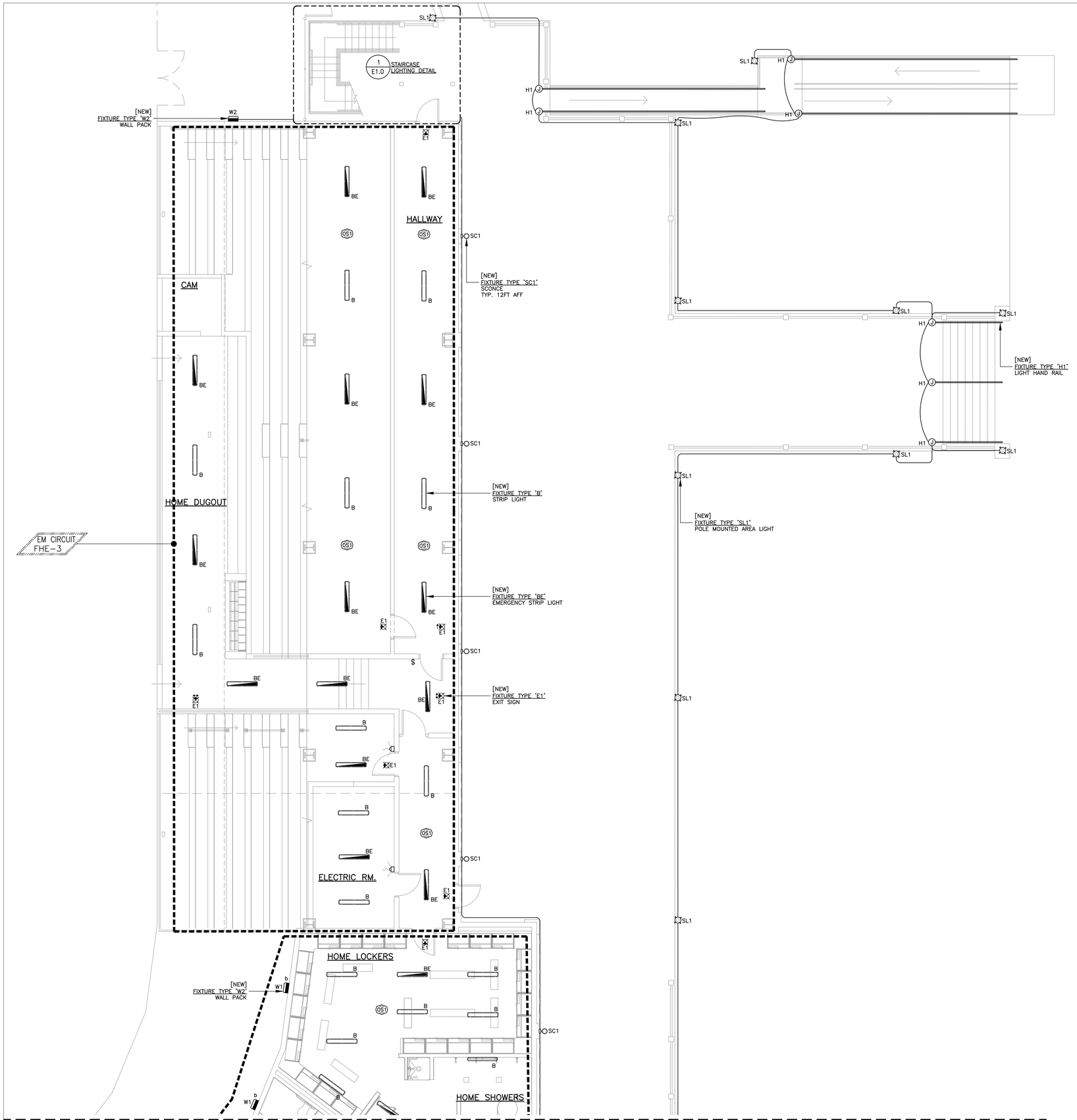
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DRAWING INFORMATION:
FIELD LEVEL (PLAN B)
ELEC LIGHTING PLAN

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
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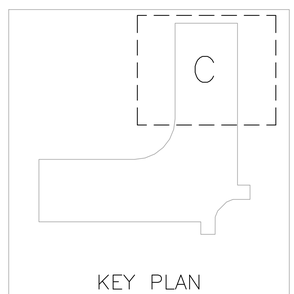
FIELD LEVEL (PLAN C)
ELEC LIGHTING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED PLAN NOTES:

1. OCCUPANCY SENSORS SHALL BE SET FOR LIGHTS TO STAY ON FOR 30 MINUTES.
2. ALL EXITS SHALL HAVE EGRESS EXITS MOUNTED AT NORMAL HEIGHTS, BUT ALSO HAVE EGRESS EXITS AT FLOOR LEVEL. TOP OF FIXTURE SHALL NOT BE ABOVE 11" AFF.
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PROJECT:
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AND SPORT COMPLEX

DRAWING INFORMATION:
FIELD LEVEL (PLAN C)
ELEC LIGHTING PLAN

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E1.2

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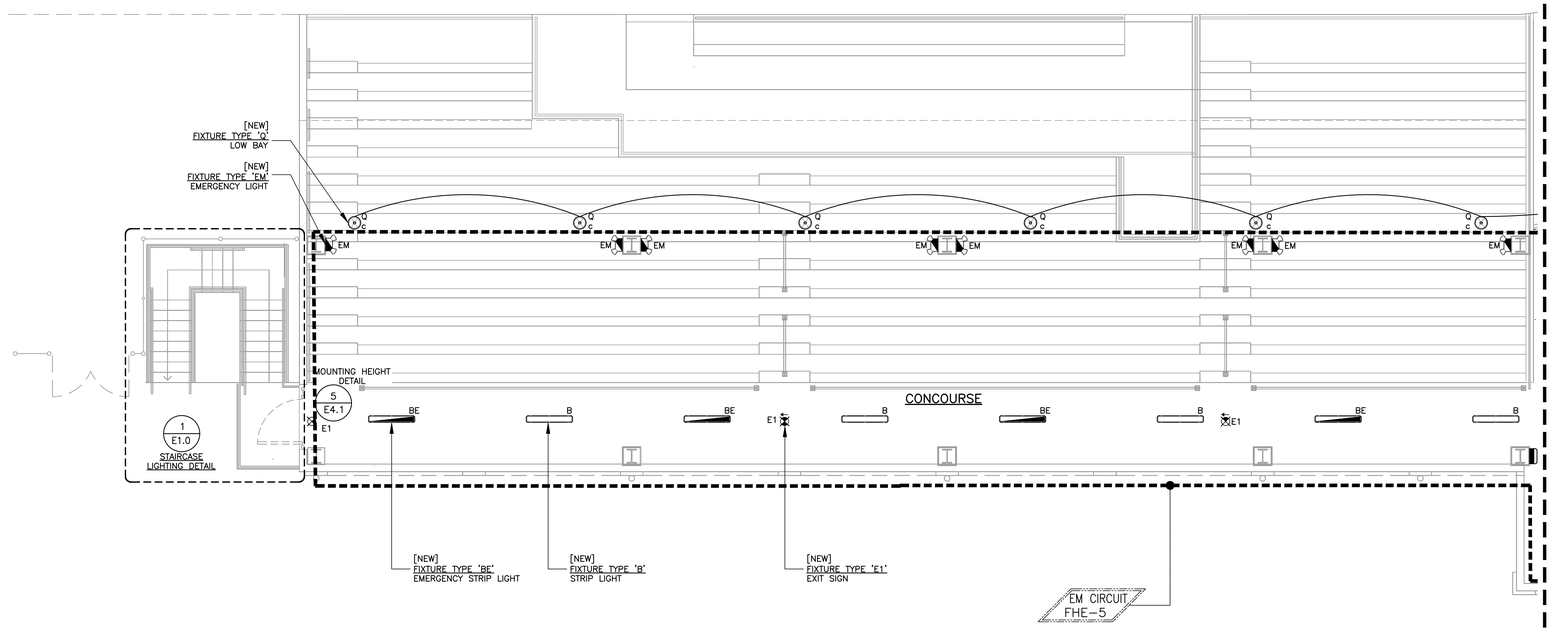
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CONCOURSE LEVEL (PLAN A) ELEC LIGHTING PLAN

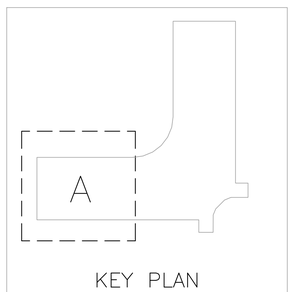
SCALE: 3/16" = 1'-0"
0 1.5' 3' 6' 12' 16'



SEE DWG E1.4 FOR CONTINUATION

KEYED PLAN NOTES:

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KEY PLAN

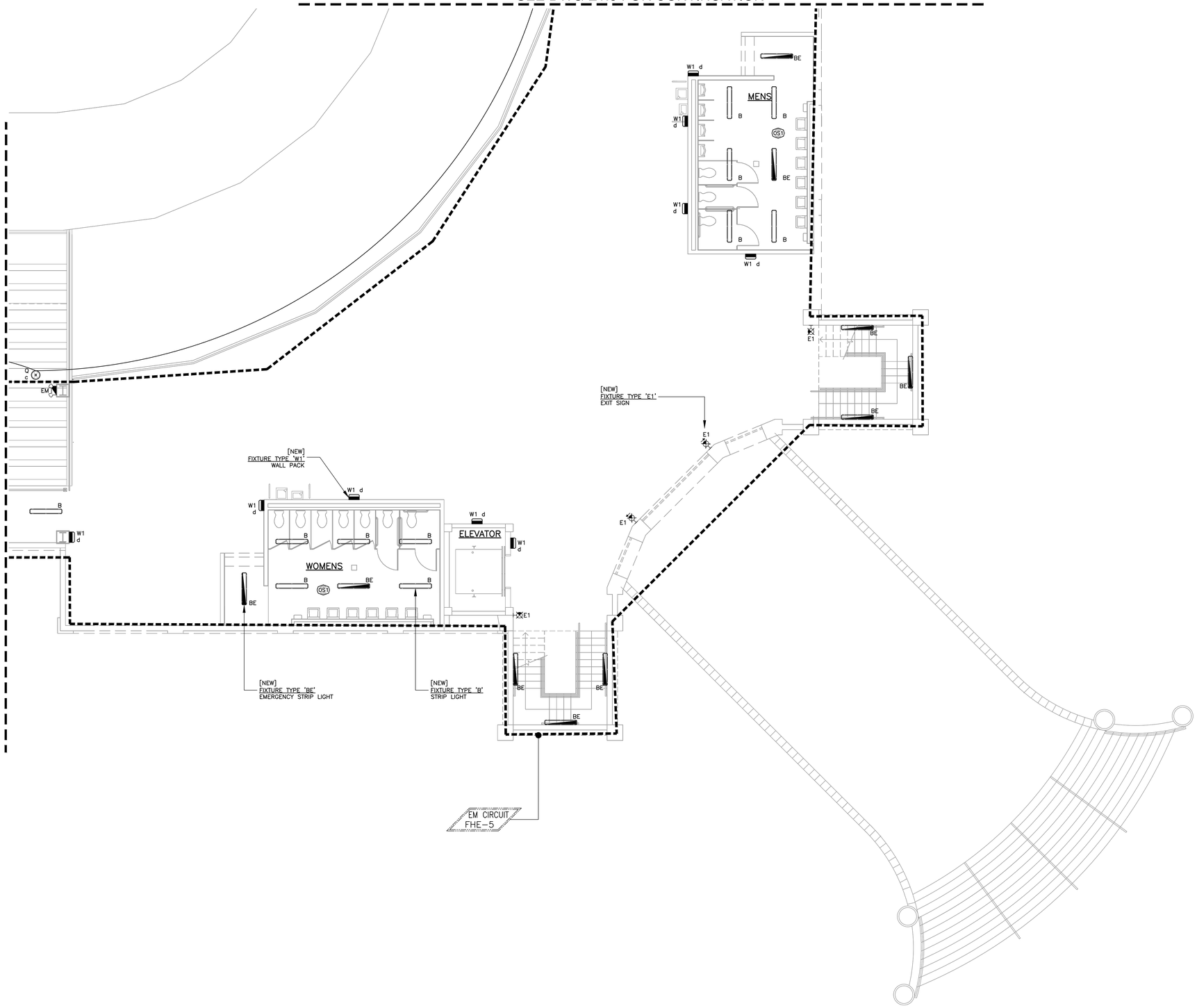
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PROJECT:
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AND SPORT COMPLEX

DRAWING INFORMATION:
CONCOURSE LEVEL (PLAN A)
ELEC LIGHTING PLAN

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E1.3



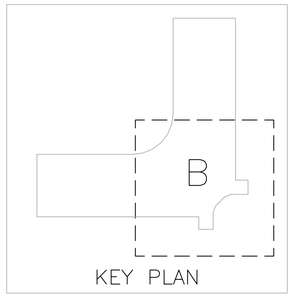
CONCOURSE LEVEL (PLAN B)
ELEC LIGHTING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED PLAN NOTES:

1. OCCUPANCY SENSORS SHALL BE SET FOR LIGHTS TO STAY ON FOR 30 MINUTES.
2. ALL EXITS SHALL HAVE EGRESS EXITS MOUNTED AT NORMAL HEIGHTS, BUT ALSO HAVE EGRESS EXITS AT FLOOR LEVEL. TOP OF FIXTURE SHALL NOT BE ABOVE 11" AFF.
3. CIRCUIT NUMBER INDICATES LIGHTING CIRCUIT OF ENTIRE DASHED AREA (TYPICAL FOR ALL).
4. CONTROL DEVICES SHOWN TO BE USED AS ROOM CONTROL FOR LIGHTS WITHIN THE SAME ROOM ONLY.
5. SMALL CASE LETTERS INDICATE LIGHTING CONTROLS AND SWITCHING (TYPICAL FOR ALL).
6. GENERAL CONTRACTOR SHALL PROVIDE PHOTOLUMINESCENCE EXIT SIGNS AT EXTERIOR EXIT POINTS. REFERENCE ARCHITECTURAL LIFE SAFETY EGRESS PLAN FOR EXACT LOCATIONS.



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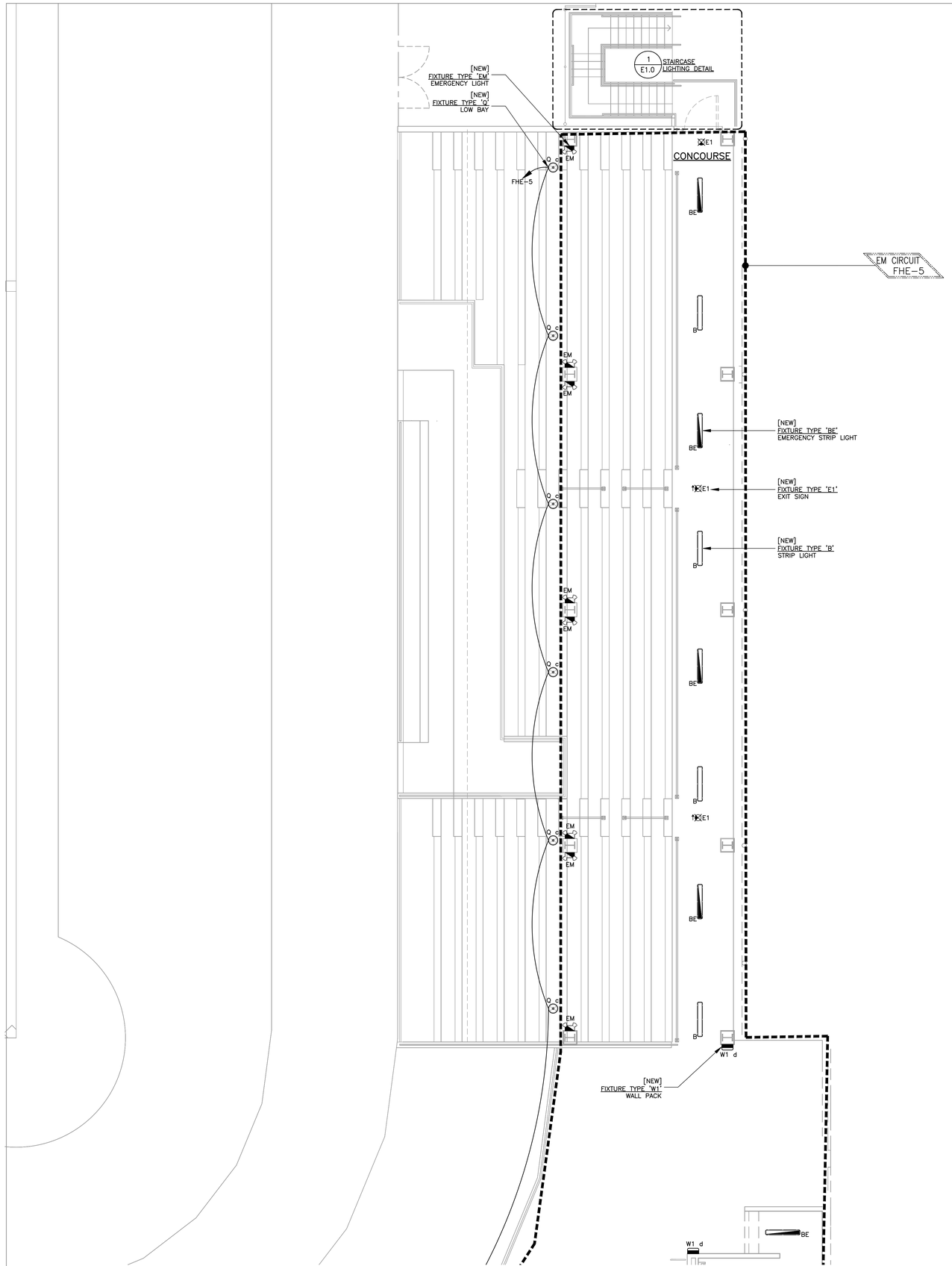
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
CONCOURSE LEVEL (PLAN B)
ELEC LIGHTING PLAN

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E1.4



SEE DWG E1.4 FOR CONTINUATION

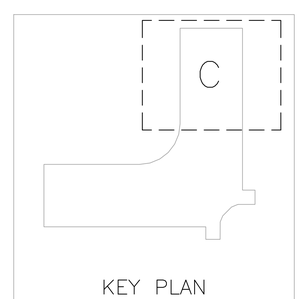
CONCOURSE LEVEL (PLAN C)
ELEC LIGHTING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED PLAN NOTES:

1. OCCUPANCY SENSORS SHALL BE SET FOR LIGHTS TO STAY ON FOR 30 MINUTES.
2. ALL EXITS SHALL HAVE EGRESS EXITS MOUNTED AT NORMAL HEIGHTS, BUT ALSO HAVE EGRESS EXITS AT FLOOR LEVEL. TOP OF FIXTURE SHALL NOT BE ABOVE 11" AFF.
3. CIRCUIT NUMBER INDICATES LIGHTING CIRCUIT OF ENTIRE DASHED AREA (TYPICAL FOR ALL).
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5. SMALL CASE LETTERS INDICATE LIGHTING CONTROLS AND SWITCHING (TYPICAL FOR ALL).
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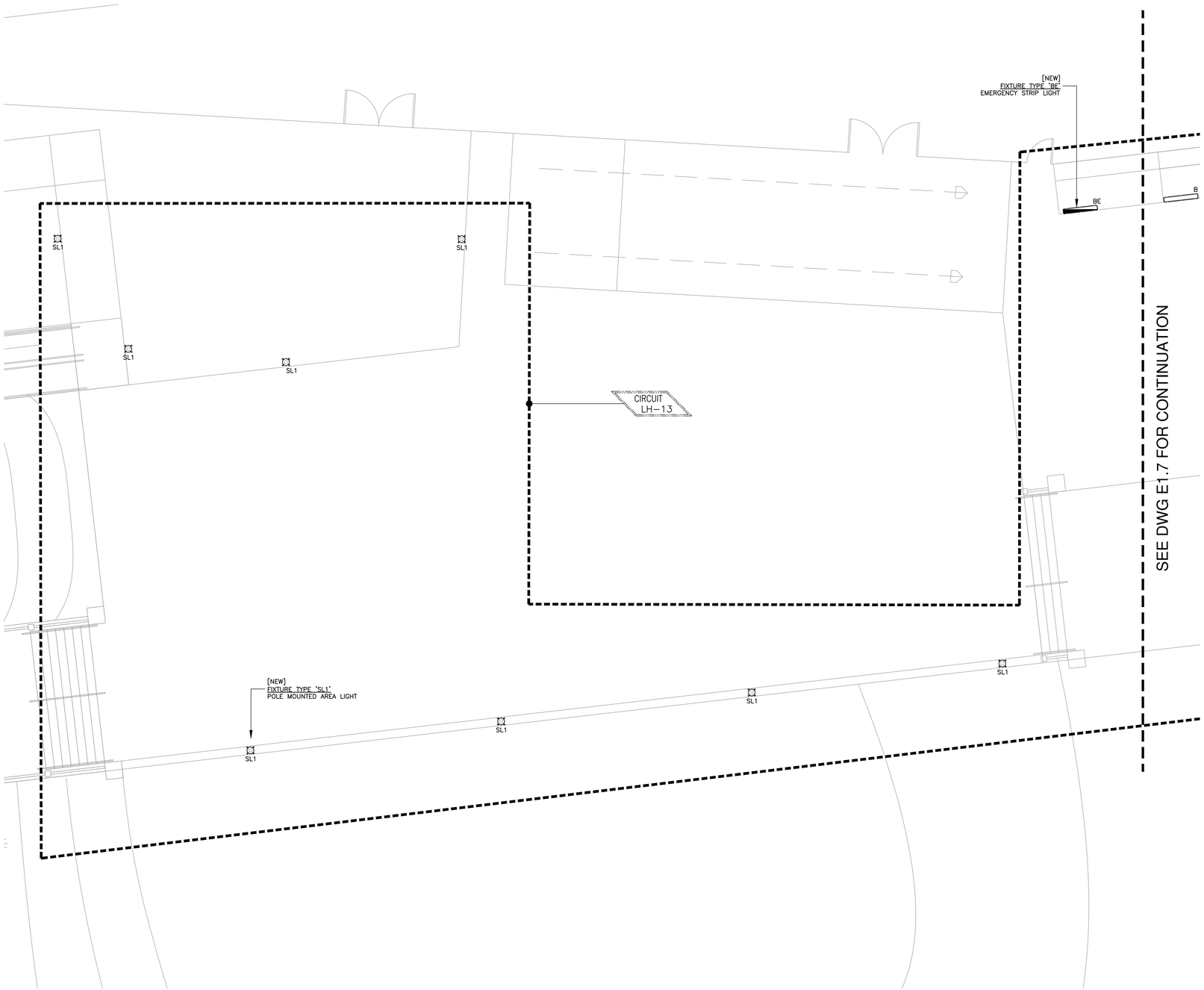
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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
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DRAWING INFORMATION:
CONCOURSE LEVEL (PLAN C)
ELEC LIGHTING PLAN

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E1.5



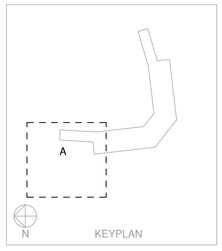
LITTLE LEAGUE (PLAN A)
ELEC LIGHTING PLAN

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

(#) KEYED PLAN NOTES:

1. OCCUPANCY SENSORS SHALL BE SET FOR LIGHTS TO STAY ON FOR 30 MINUTES.
2. CIRCUIT NUMBER INDICATES LIGHTING CIRCUIT OF ENTIRE DASHED AREA (TYPICAL FOR ALL).
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
LITTLE LEAGUE (PLAN A)
ELEC LIGHTING PLAN

DATE: 3-16-2020
DRAWN BY: SRP

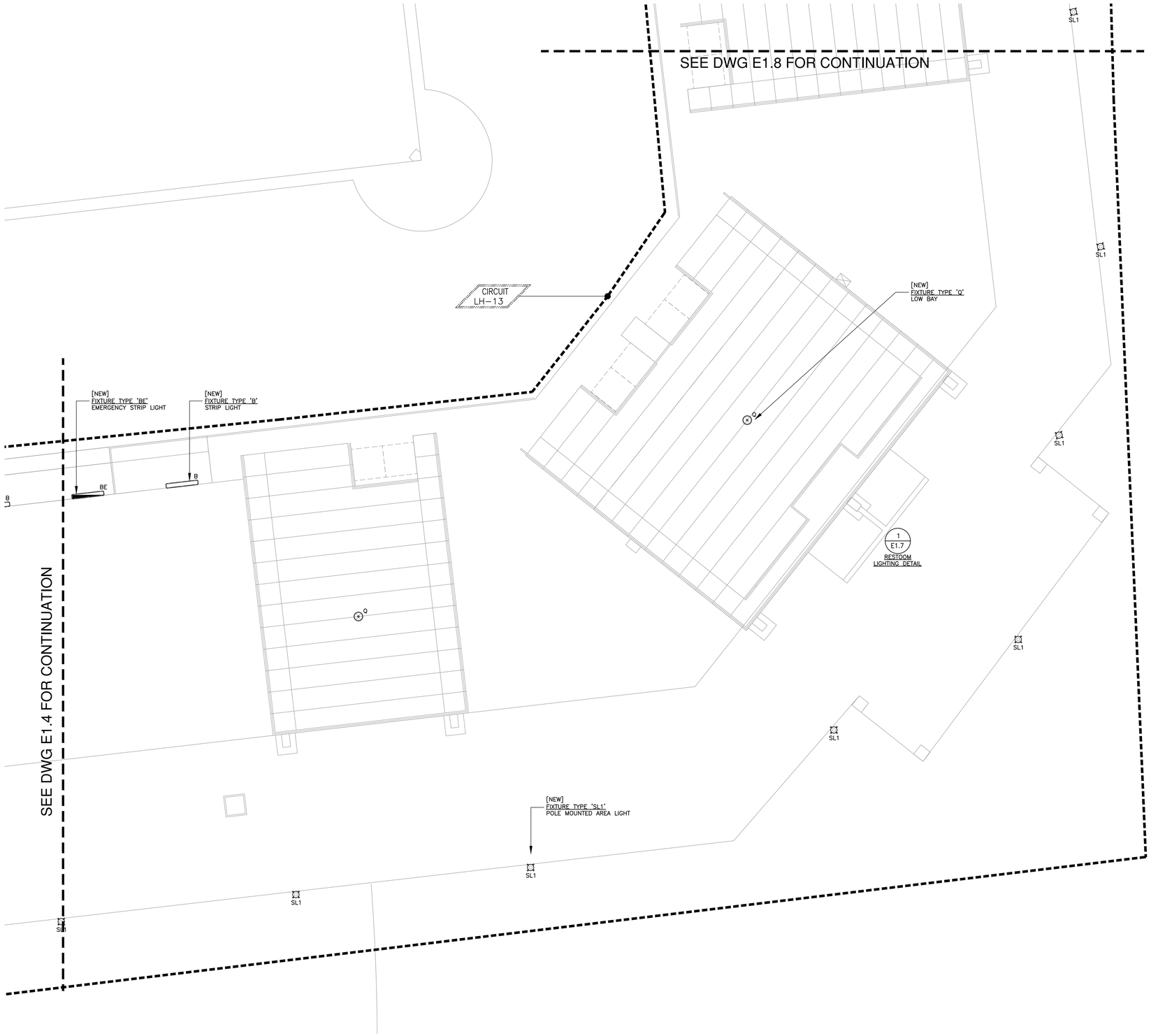
SHEET NUMBER:
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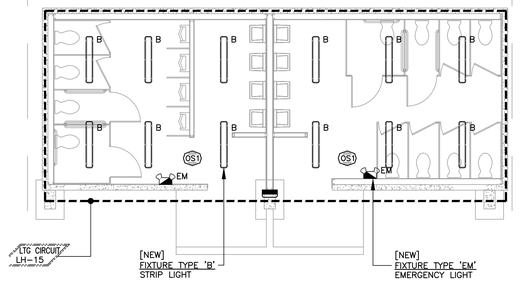


LITTLE LEAGUE (PLAN B)
ELEC LIGHTING PLAN

SCALE: 3/16" = 1'-0"
0 1.5' 3' 6' 12' 16'

(#) KEYED PLAN NOTES:

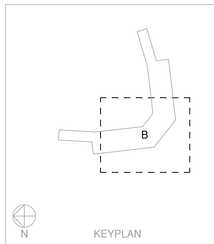
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3. CONTROL DEVICES SHOWN TO BE USED AS ROOM CONTROL FOR LIGHTS WITHIN THE SAME ROOM ONLY.



1/E1.7 [RESTROOM] LIGHTING DETAIL

(#) KEYED PLAN NOTES:

1. WALL PACK SHALL BE EQUIPPED WITH PHOTOCELL FOR AUTO ON/OFF OPERATION AND BE MOUNTED AT 15FT AFG.



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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
LITTLE LEAGUE (PLAN B)
ELEC LIGHTING PLAN

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E1.7



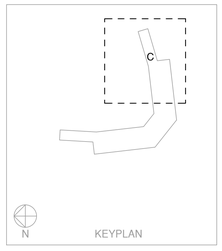
LITTLE LEAGUE (PLAN C)
ELEC LIGHTING PLAN

SCALE: 3/16" = 1'–0"

0 1.5' 3' 6' 12' 16'

(#) KEYED PLAN NOTES:

1. OCCUPANCY SENSORS SHALL BE SET FOR LIGHTS TO STAY ON FOR 30 MINUTES.
2. CIRCUIT NUMBER INDICATES LIGHTING CIRCUIT OF ENTIRE DASHED AREA (TYPICAL FOR ALL).
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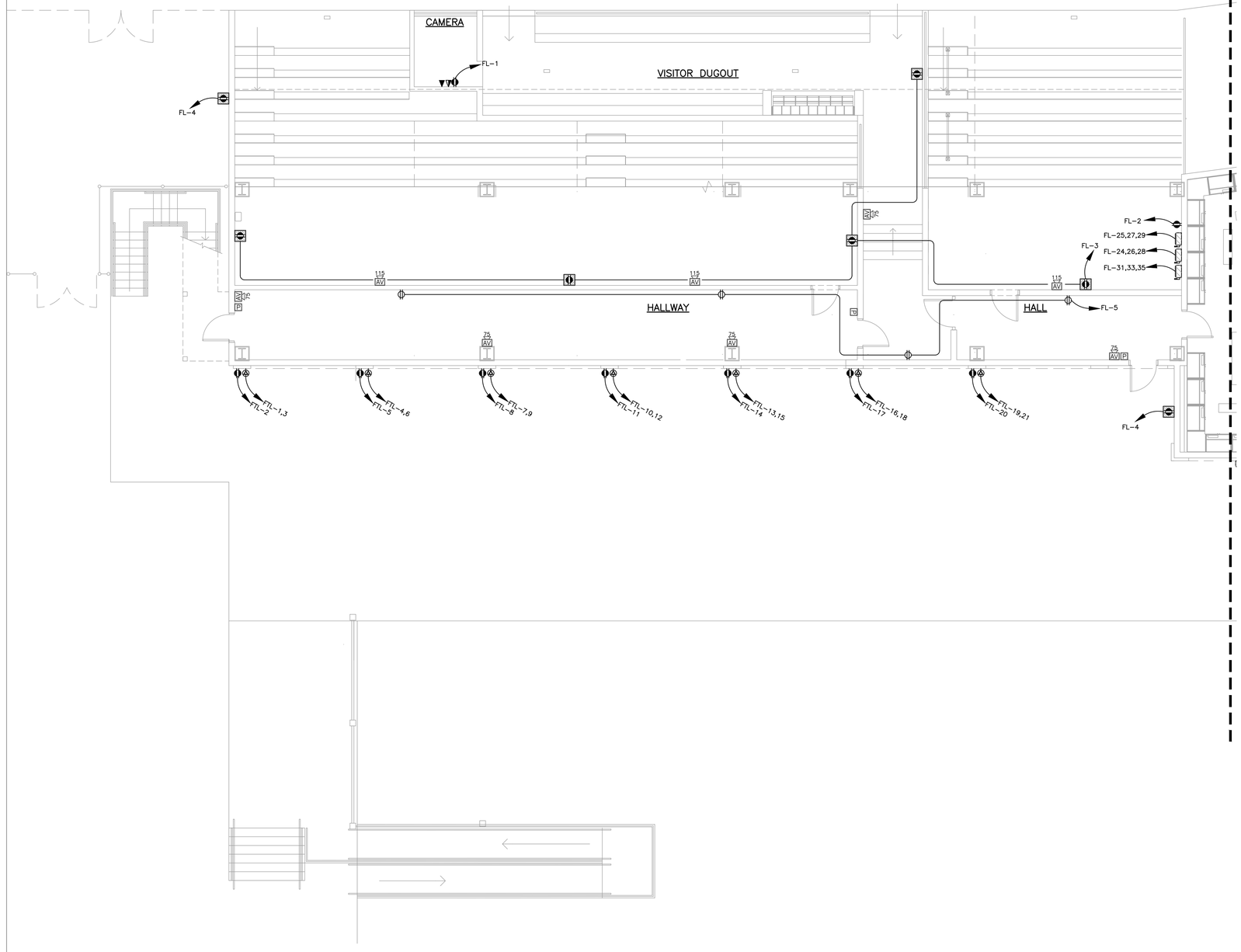
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PROJECT:
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DRAWING INFORMATION:
LITTLE LEAGUE (PLAN C)
ELEC LIGHTING PLAN

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E1.8



SEE DWG E2.1 FOR CONTINUATION

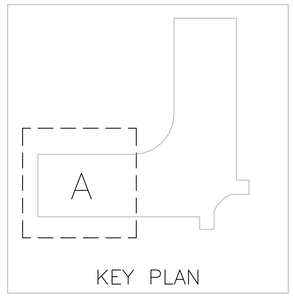
FIELD LEVEL (PLAN A)
ELEC POWER & SYSTEMS

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED NOTES:

1. COORDINATE FINAL EQUIPMENT AND EQUIPMENT LOCATIONS WITH OWNER.
2. CROSS REFERENCE WITH APPROVED MECHANICAL SUBMITTALS PRIOR TO INSTALLATION.



KEY PLAN

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PROJECT:
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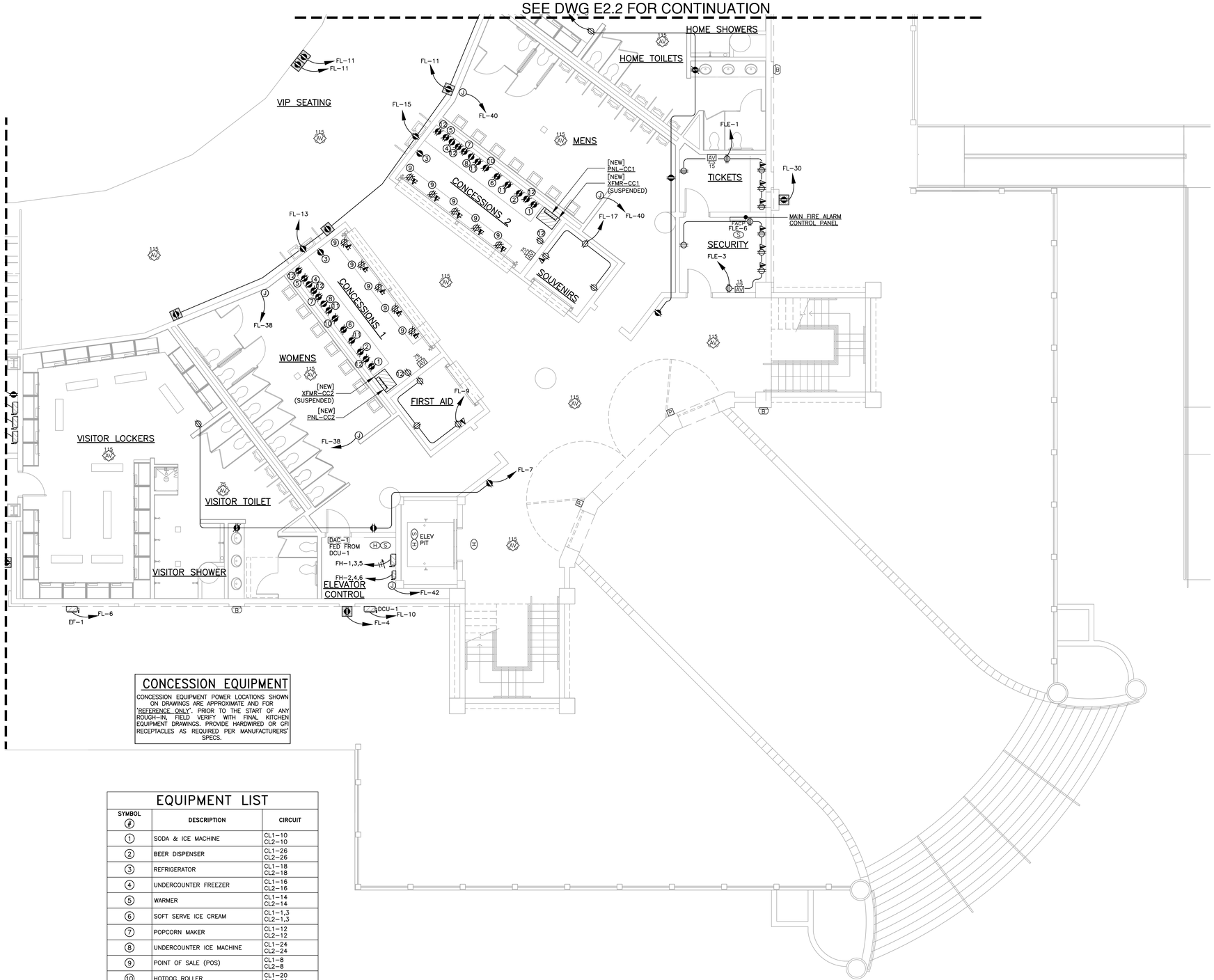
DRAWING INFORMATION:
ELEC FIELD LEVEL (PLAN A)
ELEC POWER & SYSTEMS

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E2.0

SEE DWG E2.2 FOR CONTINUATION

SEE DWG E2.0 FOR CONTINUATION



CONCESSION EQUIPMENT

CONCESSION EQUIPMENT POWER LOCATIONS SHOWN ON DRAWINGS ARE APPROXIMATE AND FOR "REFERENCE ONLY". PRIOR TO THE START OF ANY ROUGH-IN, FIELD VERIFY WITH FINAL KITCHEN EQUIPMENT DRAWINGS. PROVIDE HARDWIRED OR GFI RECEPTACLES AS REQUIRED PER MANUFACTURERS' SPECS.

EQUIPMENT LIST

SYMBOL (#)	DESCRIPTION	CIRCUIT
(1)	SODA & ICE MACHINE	CL1-10 CL2-10
(2)	BEER DISPENSER	CL1-26 CL2-26
(3)	REFRIGERATOR	CL1-18 CL2-18
(4)	UNDERCOUNTER FREEZER	CL1-16 CL2-16
(5)	WARMER	CL1-14 CL2-14
(6)	SOFT SERVE ICE CREAM	CL1-1,3 CL2-1,3
(7)	POPCORN MAKER	CL1-12 CL2-12
(8)	UNDERCOUNTER ICE MACHINE	CL1-24 CL2-24
(9)	POINT OF SALE (POS)	CL1-8 CL2-8
(10)	HOTDOG ROLLER	CL1-20 CL2-20
(11)	SLUSHY MAKER	CL1-22 CL2-22
(12)	GENERAL POWER	CL1-2,4,6 CL2-2,4,6

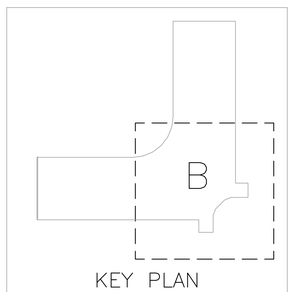
FIELD LEVEL (PLAN B) ELEC POWER & SYSTEMS

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

(#) KEYED NOTES:

1. COORDINATE FINAL EQUIPMENT AND EQUIPMENT LOCATIONS WITH OWNER.
2. CROSS REFERENCE WITH APPROVED MECHANICAL SUBMITTALS PRIOR TO INSTALLATION.



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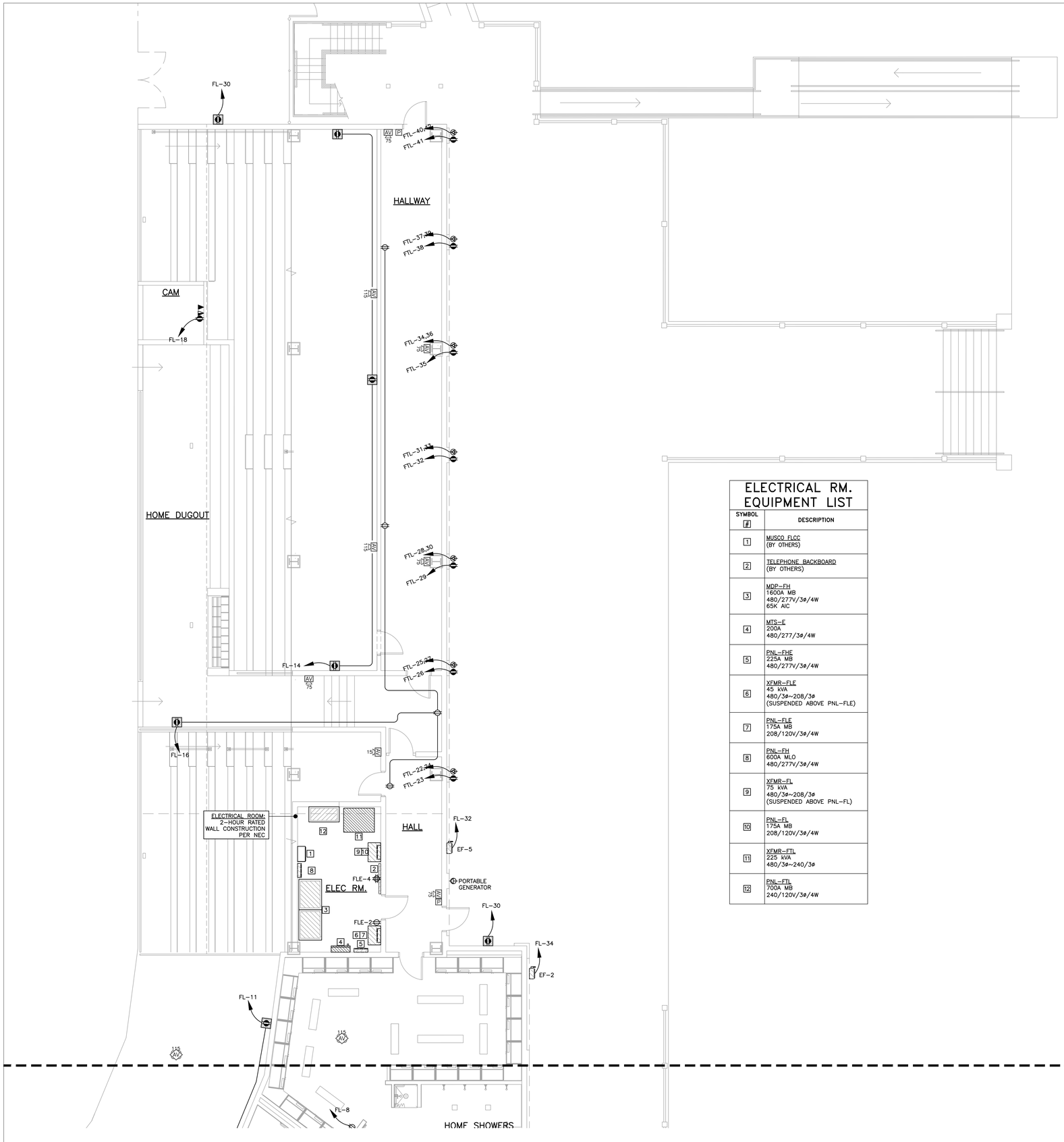
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
FIELD LEVEL (PLAN B)
ELEC POWER & SYSTEMS

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E2.1



ELECTRICAL RM. EQUIPMENT LIST

SYMBOL [#]	DESCRIPTION
1	MUSCO FLCC (BY OTHERS)
2	TELEPHONE BACKBOARD (BY OTHERS)
3	MDP-FH 1600A MB 480/277V/3ø/4W 65K AIC
4	MTS-E 200A 480/277/3ø/4W
5	PNL-FHE 225A MB 480/277V/3ø/4W
6	XFMR-FLE 45 kVA 480/3ø~208/3ø (SUSPENDED ABOVE PNL-FLE)
7	PNL-FLE 175A MB 208/120V/3ø/4W
8	PNL-FH 600A MLO 480/277V/3ø/4W
9	XFMR-FL 75 kVA 480/3ø~208/3ø (SUSPENDED ABOVE PNL-FL)
10	PNL-FL 175A MB 208/120V/3ø/4W
11	XFMR-FTL 225 kVA 480/3ø~240/3ø
12	PNL-FTL 700A MB 240/120V/3ø/4W

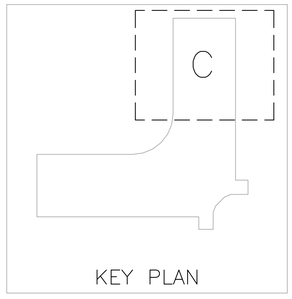
FIELD LEVEL (PLAN C) ELEC POWER & SYSTEMS

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED NOTES:

1. COORDINATE FINAL EQUIPMENT AND EQUIPMENT LOCATIONS WITH OWNER.
2. CROSS REFERENCE WITH APPROVED MECHANICAL SUBMITTALS PRIOR TO INSTALLATION.
3. ALL PENETRATIONS THROUGH THE ELECTRICAL ROOM SHALL BE FIRE STOPPED. SEE ARCHITECTURAL PLANS FOR FIRESTOP DETAIL.



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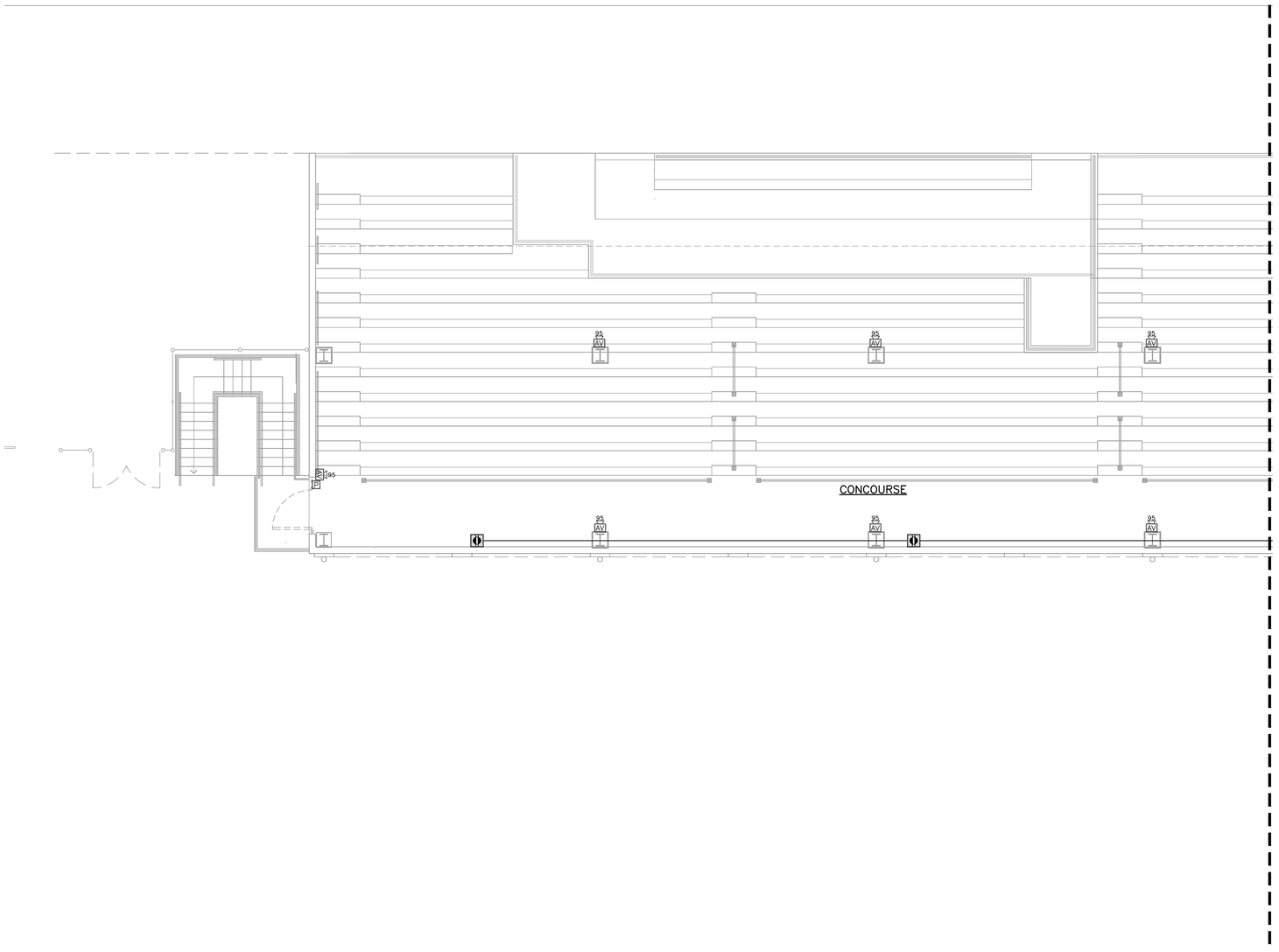
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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
FIELD LEVEL (PLAN C)
ELEC POWER & SYSTEMS

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E2.2



SEE DWG E2.1 FOR CONTINUATION

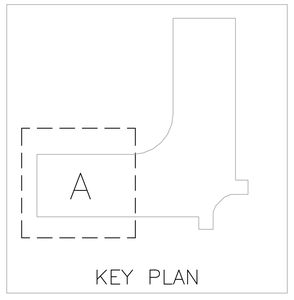
CONCOURSE LEVEL (PLAN A)
ELEC POWER & SYSTEMS

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED NOTES:

1. COORDINATE FINAL EQUIPMENT AND EQUIPMENT LOCATIONS WITH OWNER.
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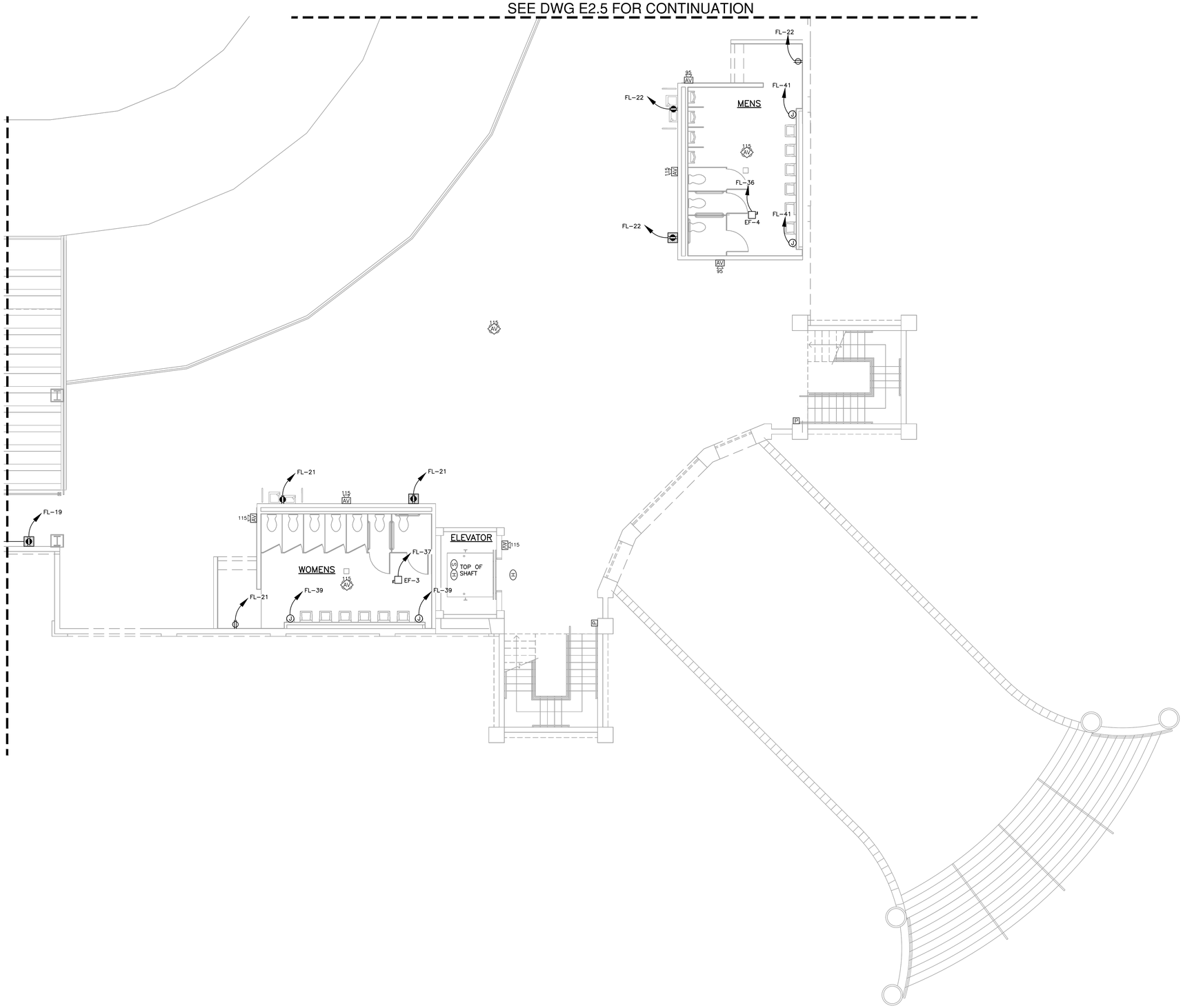
DRAWING INFORMATION:
CONCOURSE LEVEL (PLAN A)
ELEC POWER & SYSTEMS

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E2.3

SEE DWG E2.5 FOR CONTINUATION

SEE DWG E2.3 FOR CONTINUATION



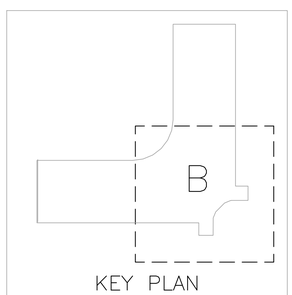
CONCOURSE LEVEL (PLAN B)
ELEC POWER & SYSTEMS

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED NOTES:

1. COORDINATE FINAL EQUIPMENT AND EQUIPMENT LOCATIONS WITH OWNER.
2. CROSS REFERENCE WITH APPROVED MECHANICAL SUBMITTALS PRIOR TO INSTALLATION.



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ERS ENGINEERING ISSUES

NO.	DATE	DESCRIPTION
0	3-16-2020	CONSTRUCTION DOCUMENTS

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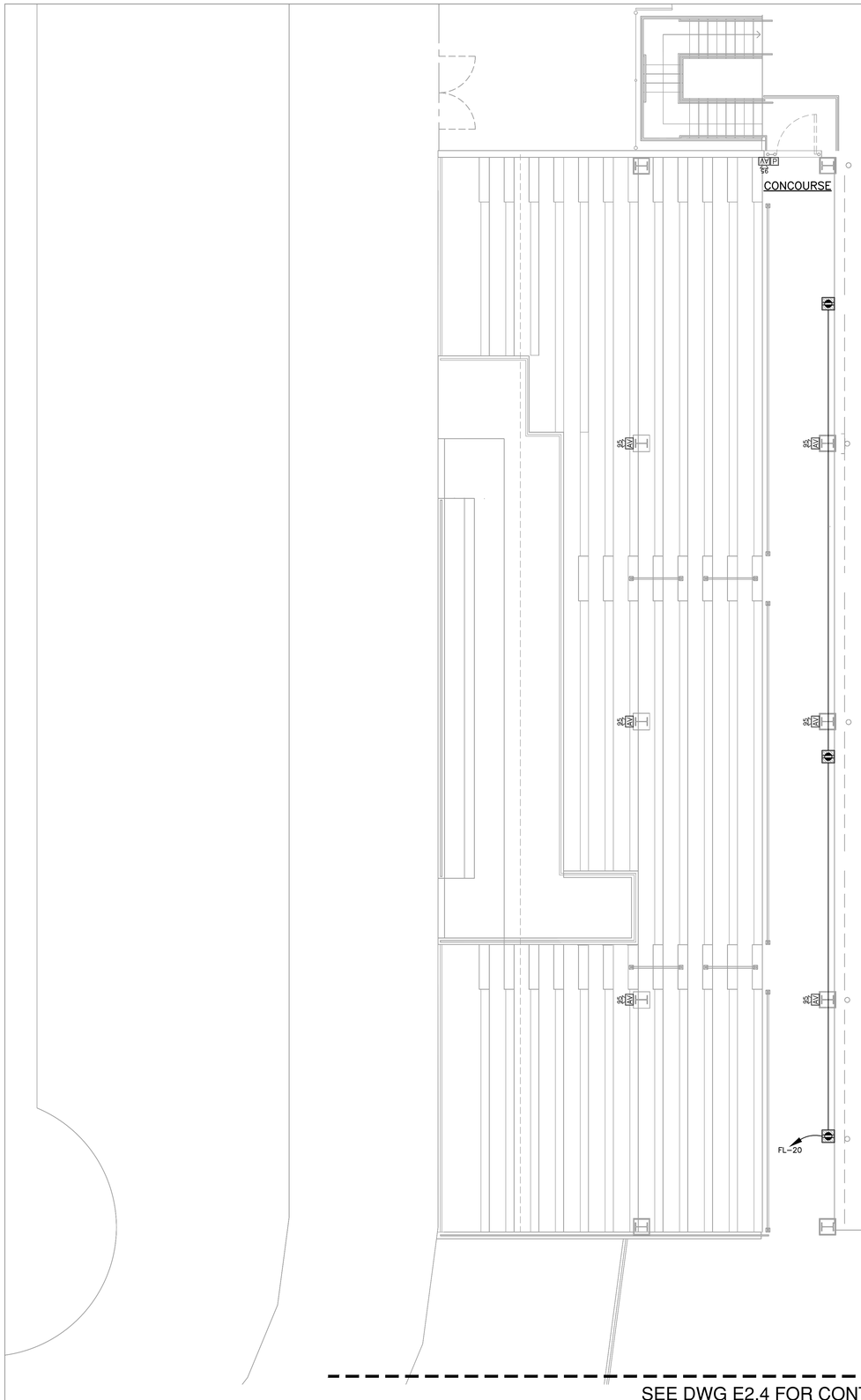
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TEL 340-778-8898 FAX 340-778-7754

PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
CONCOURSE LEVEL (PLAN B)
ELEC POWER & SYSTEMS

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E2.4



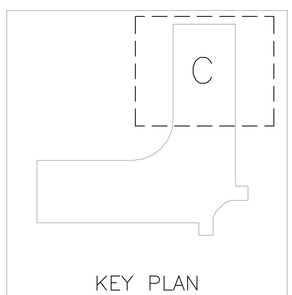
CONCOURSE LEVEL (PLAN C)
ELEC POWER & SYSTEMS

SCALE: 3/16" = 1'-0"

0 1.5' 3' 6' 12' 16'

KEYED NOTES:

1. COORDINATE FINAL EQUIPMENT AND EQUIPMENT LOCATIONS WITH OWNER.
2. CROSS REFERENCE WITH APPROVED MECHANICAL SUBMITTALS PRIOR TO INSTALLATION.



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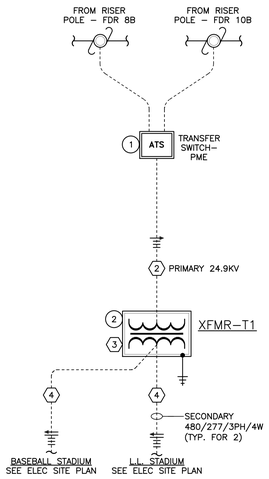
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
CONCOURSE LEVEL (PLAN C)
ELEC POWER & SYSTEMS

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E2.5

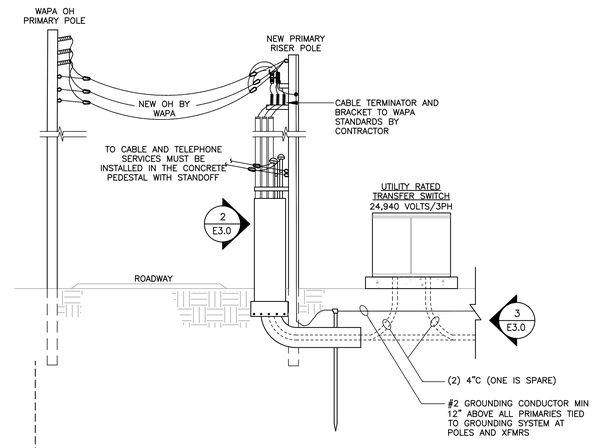


SIMPLIFIED PRIMARY ONE-LINE DIAGRAM

NOT TO SCALE

(#) SIMPLIFIED DIAGRAM NOTES:

1. PADMOUNT TRANSFORMERS, CABLE TERMINATORS, ARRESTORS AND ACCESSORIES SHALL COMPLY WITH THE LATEST WAPA SPECIFICATIONS. OBTAIN WRITTEN APPROVAL OF PADMOUNT XFMRS, CABLE TERMINATORS, ARRESTORS AND ACCESSORIES, METER CENTERS, METERING, AND ASSOCIATED EQUIPMENT FROM WAPA BEFORE SUBMITTING FOR PURCHASING. WAPA APPROVAL LETTER(S) SHALL BE INCLUDED WITH EQUIPMENT SUBMITTALS TRANSMITTED TO OWNER/ARCHITECT/ENGINEER.
2. NEW MEDIUM VOLTAGE CABLES PER WAPA SPECIFICATION. SEE 'ELEC SITE PLAN' FOR ROUTING AND 'TRENCH DETAILS' FOR PARTICULARS.
3. MV CABLE TERMINATORS BY CONTRACTOR.
4. REFERENCE 'ELECTRICAL POWER RISERS' FOR SERVICE ENTRANCE CONDUCTORS FROM XFMR TO DISTRIBUTION PANEL.



1 E3.0 UG PRIMARY & SERVICE RISER DETAIL

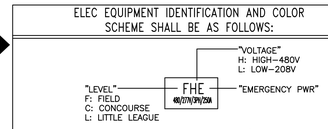
NOT TO SCALE

UNDERGROUND PRIMARY NOTES:

1. REFERENCE 'ELECTRICAL POWER RISERS' FOR COMPLETE WIRE/CONDUIT SIZES.

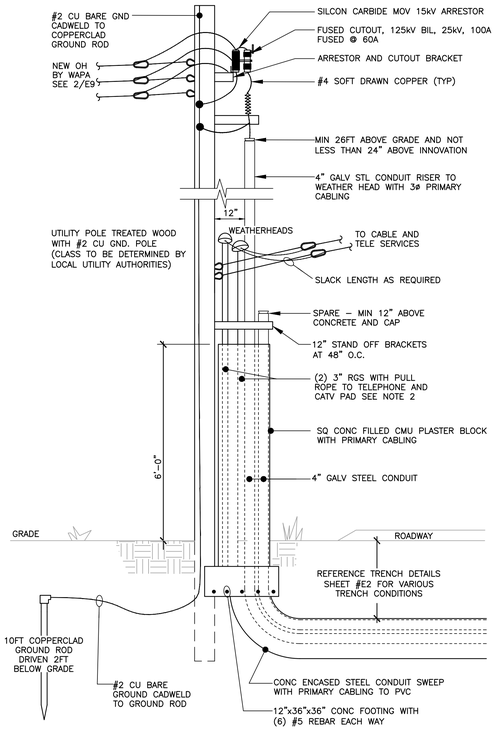
4 E3.0

ELEC EQUIPMENT IDENTIFICATION AND COLOR SCHEME SHALL BE AS FOLLOWS:



NORMAL PWR SHALL BE BLACK FACE W/WHITE LETTERS
EMERGENCY PWR SHALL BE RED FACE W/WHITE LETTERS

PLAQUES SHALL BE LAMINATED PHENOLIC 1/16" THICK AND ENGRAVED TO SHOW WHITE LETTERS ON COLOR BACKGROUND WITH NOT LESS THAN 1/2" HIGH LETTERS FOR NAME AND 1/4" HIGH FOR VOLTAGE/PHASE/AMPS. SECURE TO ELEC EQUIPMENT WITH PERMANENT ADHESIVE.



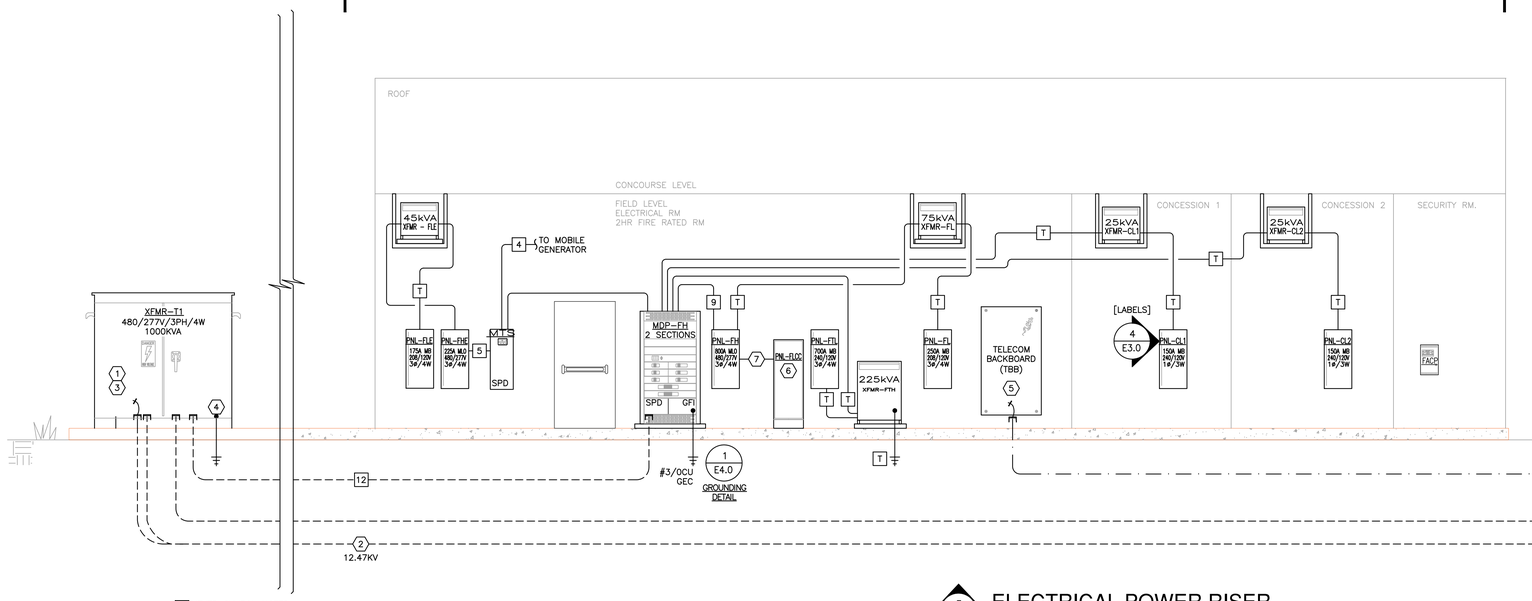
2 E3.0 SERVICE RISER ENLARGED DETAIL

NOT TO SCALE

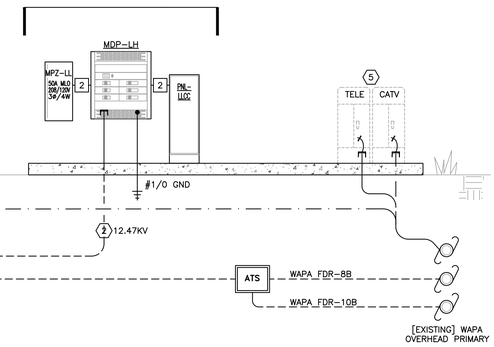
SERVICE RISER DETAIL NOTES

1. COORDINATE EXACT SERVICE RISER REQUIREMENTS WITH LATEST WAPA DETAILS.
2. REFERENCE ALSO TRANSFORMER AND METER BANK DETAILS.

[BASEBALL STADIUM]



[LITTLE LEAGUE]



3 E3.0 ELECTRICAL POWER RISER

NOT TO SCALE

(#) KEYED SYMBOL NOTES

WIRE/CONDUIT SCHEDULE

NEC 310.16 BASED ON COPPER

SYMBOL	AMPS/PHASE	WIRE AND CONDUIT	SYMBOL	AMPS/PHASE	WIRE AND CONDUIT
1	100A/3PH	1 SET: 4 #3, #8G, 1.5"C	7	400A/3PH	1 SET: 4 #500, #3G, 3"C
2	150A/3PH	1 SET: 4 #1/0, #6G, 2"C	7S	400A/3PH	1 SET: 3 #500, #3G, 3"C
2S	150A/3PH	1 SET: 3 #1/0, #6G, 2"C	8	600A/3PH	2 SETS: 4 #300, #1G, 2.5"C
3	175A/3PH	1 SET: 4 #2/0, #6G, 2"C	9	800A/3PH	2 SETS: 4 #500, #1/0G, 3"C
4	200A/3PH	1 SET: 4 #3/0, #6G, 2"C	10	1000A/3PH	3 SETS: 4 #400, #2/0G, 3"C
5	225A/3PH	1 SET: 4 #3/0, #4G, 2"C	11S	1200A/3PH	3 SETS: 3 #600, #3/0G, 4"C
6	250A/3PH	1 SET: 4 #4/0, #4G, 2.5"C	12	1600A/3PH	4 SETS: 4 #600, #4/0G, 4"C

TRANSFORMER WIRING SCHEDULE

T

NEC 450.3 (B) BASED ON COPPER, NEC 240.4 (B) WIRES 800A & BELOW

FROM 480V PRIMARY ▶		XFMR ▶ (250.66)		▶TO 208V (*240V) SECONDARY	
PRIMARY 480V OCP	PRIMARY FEEDER WIRE AND CONDUIT	KVA RATING	GROUNDING ELECTRODE CONDUCTOR	SECONDARY FEEDER WIRE AND CONDUIT	SECONDARY 208V OCP (*240V)
*65	2 #6, #8G, 0.75"C	*25	#8	2 #1/0, #6G, 1.25"C	*150
70	3 #6, #8G, 0.75"C	45	#8	3 #1/0, #6G, 1.25"C	150
110	3 #2, #6G, 1.25"C	75	#2	4 #250, #4G, 2"C	250
*400	3 #500, #3G, 3"C	*225	#1/0	2 SETS: 4 #400, #2/0G, 3.5"C	*700

NEC 250.66 BY CODE THE SECONDARY OF A XFMR IS A SERVICE ENTRANCE

(#) POWER RISER NOTES:

1. OBTAIN WRITTEN WAPA APPROVAL OF PRIMARY CABLES, CABLE TERMINATORS, PADMOUNT XFMRS, ARRESTORS, METERING, AND ALL ASSOCIATED EQUIPMENT BEFORE SUBMITTING OR PURCHASING. WAPA APPROVAL LETTER(S) SHALL BE INCLUDED WITH EQUIPMENT SUBMITTALS TRANSMITTED TO OWNER/ARCHITECT/ENGINEER.
2. ALL MEDIUM VOLTAGE CABLE TO BE 3 #1/0 25kV MV–90/105 WITH CONCENTRIC NEUTRAL (NOT TAPE SHIELD) IN 6"C. PROVIDE (1) SPARE 6"C FROM EACH SERVICE XFMR CAPPED WITH PULLWIRE. PROVIDE (1) #2 THWN GROUND 12" ABOVE PRIMARIES TIED TO XFMR AND POLE GROUNDING SYSTEMS.
3. ELEC CONTRACTOR SHALL PROVIDED & INSTALL NEMA 3R (KVA SIZE AND VOLTAGE AS SHOWN IN RISER) TRANSFORMER. PRIMARY VOLTAGE IS 24,490/14,400V/3PH.
4. GROUNDING ELECTRODE CONDUCTOR (GEC) #4/0 TO GROUNDING SYSTEM FOR 1000KVA XFMR.
5. TELEPHONE & CABLE TV PROVIDE 3"C WITH PULLWIRE FROM EACH SERVICE PEDESTAL.
6. LIGHTING CONTACTOR CABINET (LCC), BY MUSCO LIGHTING. 480V CONTACTORS FOR PEJ STADIUM AND THE LITTLE LEAGUE STADIUM.
7. SERVICE ENTRANCE EQUIPMENT SHALL BE EQUIPPED WITH 300kA SPD, LSIG DIGITAL BREAKER, AND GROUND FAILT PROTECTION.

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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
RISER DIAGRAM

DATE: 3-16-2020
DRAWN BY: SRP

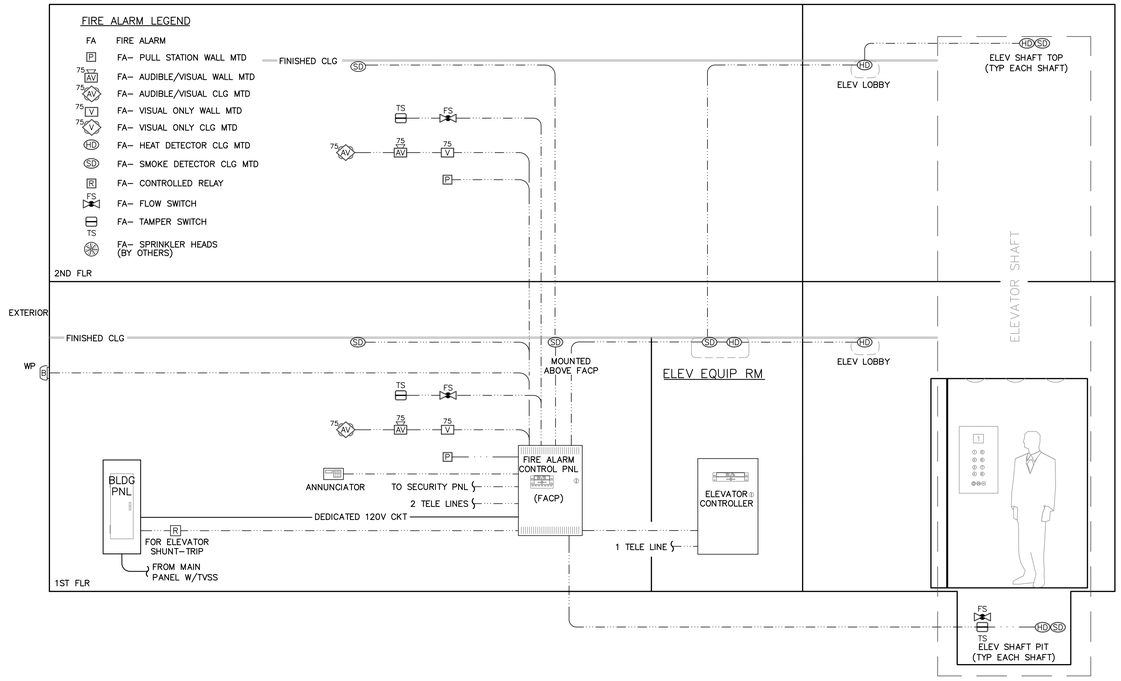
SHEET NUMBER:
E3.0

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FIRE ALARM SYSTEM RISER

NOT TO SCALE

FIRE ALARM RISER NOTES:

1. FIRE ALARM RISER IS DIAGRAMMATICAL ONLY. FA DEVICES SHOWN ON DRAWINGS ARE A MINIMUM REQUIREMENT. FIRE MARSHALL HAVING JURISDICTION SHALL DICTATE FINAL QUANTITIES AND LOCATIONS OF ALL FA DEVICES. MAKE A PROVISION FOR ADDITIONAL DEVICES.
2. NFPA 72 : FACP EQUIPMENT SHALL BE CONSTRUCTED AND INSTALLED IN CONFORMITY WITH THIS CODE SHALL BE LISTED FOR THE PURPOSE FOR WHICH IT IS USED. EQUIPMENT SHALL BE DESIGNED SO THAT IT IS CAPABLE OF PERFORMING ITS INTENDED FUNCTIONS AT CODE SPECIFIED VOLTAGE/TEMPERATURE/HUMIDITY. FIRE ALARM SYSTEM SHALL BE ADDRESSABLE & MONITORED WITH CLASS A PATHWAY AND A SURVIVABILITY OF 1.
3. ALL PULL STATIONS SHALL HAVE A MAXIMUM 200FT BETWEEN THEM. ALL HORNS SHALL HAVE DISTINCTIVE TEMPORAL (FA 3 BEEP) TONE. ALL STROBE LIGHTS SHALL BE SYNCHRONIZED. CANDELLA SETTING ON DRAWINGS IS A MINIMUM REQUIREMENT. SMOKE DETECTORS SHALL BE PHOTOELECTRIC TYPE UON. SIGNALING DEVICES SHALL BE WHITE WITH RED LETTERS.
4. PROVIDE SHUNT–TRIP TYPE CIRCUIT BREAKER WITH AUXILIARY CONTACTS FOR ELEVATOR EQUIPMENT. INTERLOCK WITH ELEVATOR CONTROLLER AND FIRE ALARM SYSTEM AS REQUIRED BY CODE.
5. HEAT DETECTOR IN ELEVATOR SHAFT SHALL BE WITHIN 12" OF SPRINKLER HEAD AND OF LOWER TEMPERATURE/HIGHER SENSITIVITY LEVEL THAN SPRINKLER HEAD.
6. WEATHER PROTECTED DEVICES OR APPROVED ENCLOSURES SHALL BE PROVIDED FOR ALL OUTDOOR LOCATIONS.
7. COORDINATE FINAL LOCATION & QUANTITIES OF TAMPER & FLOW SWITCHES WITH FIRE SPRINKLER PROTECTION DRAWINGS.
8. AUDIBLE FA DEVICE SHALL BE LOCATED ON STREET SIDE OF BLDG & MOUNTED 8FT AFG.
9. SEE ELEVATOR EQUIPMENT RM FOR COMPLETE REQUIREMENTS.
10. TO OPERATIONAL INTEGRITY, THE FIRE ALARM SYSTEM SHALL HAVE AN APPROVED MAINTENANCE AND TESTING PROGRAM COMPLYING WITH THE APPLICABLE REQUIREMENTS.

ELEVATOR FACP MONITORING

1. PROVIDE THREE SIGNALS TO THE ELEVATOR CONTROL PANEL:

ELEVATOR RECALL 1, RECALL 2, & INPUT TO FIRE HAT IN ELEV. CAB. SMOKE DETECTOR AT MAIN EGRESS (1ST FLOOR) RECALLS ELEVATOR TO ALTERNATE FLOOR. SMOKE DETECTORS IN 2ND FLOOR ELEVATOR LOBBY AND ABOVE WILL INITIATE RECALL 1 (SENDS ELEVATOR TO PRIMARY FLOOR). SMOKE DETECTORS IN ELEVATOR EQUIP. AND ELEVATOR SHAFT WILL INITIATE RECALL 1 AND SEND SIGNAL TO FIRE HAT (ELEVATOR WARNING LIGHT).

2. MONITOR FIRE PUMP CONTROLLER FOR: #1. PUMP RUN, #2. AC FAIL, #3. PHASE REVERSAL. MONITOR FLOW AND TAMPER SWITCHES (MAX. 4 FLOWS/ZONE & 20 TAMPERS/ZONE) FOR INITIATING CIRCUIT (IDC): EACH FLOOR IS CONSIDERED AS ONE ZONE. IF THERE ARE FIRE WALLS THAT DIVIDES THE FLOOR, EACH AREA IS CONSIDERED AS A ZONE.

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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
FIRE ALARM RISER DIAGRAM

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E3.1

MDP–FH

LOCATION: ELECTRIC ROOM
FED FROM: UTILITY XFMR

480/277 VOLTS/3ø 4 WIRE | 1600 AF 1600 AT | ☒ MAIN BKR ☐ MAIN LUGS ☒ GFCI/SHUNT TRIP ☒ BOTTOM FED | ☐ TOP FED ☐ FEED THRU LUGS | 65,000 AIC @ 480 VOLTAGE

CKT	LOAD DESCRIPTION	FRAME	TRIP	SETS	WIRE / CONDUIT	KVA
1	PNL–FHE ~ PNL–FLE	225	225	1	4 – 4/0, #4 G, 2" C	18.5
2	PNL–CL1 (VIA XFMR–CL1)	100	65	1	3 – #6, #8 G, 0.75" C	14.3
3	PNL–CL2 (VIA XFMR–CL2)	100	65	1	3 – #6, #8 G, 0.75" C	14.3
4	PNL–FTL	400	400	1	3 – #500, 1/0 G, 3" C	119.0
5	PNL–FH ~ PNL–FL	800	600	2	4 – #500, 1/0 G, 3" C	302.9
6	[FUTURE PANEL]	400	–	–	–	50.0
7	[FUTURE PANEL]	200	–	–	–	50.0
8	–	–	–	–	–	0.0
9	–	–	–	–	–	0.0
10	–	–	–	–	–	0.0
					TOTAL CONNECTED LOAD (kVA):	**569.0**
					SYSTEM DIVERSITY LOAD (kVA):	

PNL–CL1

LOCATION: CONCESSION 1
FED FROM: PNL–FH (VIA XFMR–CL1)

240/120 VOLTS/3ø 4 WIRE | 150 AF 150 AT | ☒ MAIN BKR ☐ MAIN LUGS ☐ FLUSH MTD ☒ SURFACE MTD ☐ BOTTOM FED | ☒ TOP FED ☐ FEED THRU LUGS | 10,000 AIC @ 240 VOLTAGE

	KVA	LOAD DESCRIPTION	BKR	CKT	A	B	C	CKT	BKR	LOAD DESCRIPTION	KVA	
Ⓔ	1.5	SOFT SERVE ICE CREAM MACHINE	30	1	■			2	20	REC – GENERAL COUNTER	1.0	⑫
				3		■		4	20	REC – GENERAL COUNTER	1.0	⑫
	1.0	ROLL UP DOOR	20	5	■			6	20	REC – GENERAL COUNTER	1.0	⑫
	0.0	SPARE	20	7		■		8	20	POINT OF SALES	0.8	⑨
	0.0	SPARE	20	9	■			10	20	SODA & ICE MACHINE	0.8	①
	0.0	SPARE	20	11		■		12	20	POPCORN MACHINE	0.5	⑦
	0.0	SPARE	20	13	■			14	20	WARMER	0.9	⑤
	0.0	SPARE	20	15		■		16	20	FREEZER	1.0	④
	0.0	SPARE	20	17	■			18	20	REFRIGERATOR	1.0	③
	0.0	SPARE	20	19		■		20	20	HOTDOG WARMER	1.7	⑯
	0.0	SPARE	20	21	■			22	20	SLUSHY MAKER	1.0	⑪
	0.0	SPARE	20	23		■		24	20	ICE MACHINE	0.6	⑧
	0.0	SPARE	20	25	■			26	20	BEER DISPENSER	0.5	②
	0.0	SPARE	20	27		■		28	20	SPARE	0.0	
	0.0	SPARE	20	29	■			30	20	SPARE	0.0	
		CONNECTED LOAD KVA:		**14.3**								

PNL–CL2

LOCATION: CONCESSION 2
FED FROM: PNL–FH (VIA XFMR–CL2)

240/120 VOLTS/3ø 4 WIRE | 150 AF 150 AT | ☒ MAIN BKR ☐ MAIN LUGS ☐ FLUSH MTD ☒ SURFACE MTD ☐ BOTTOM FED | ☒ TOP FED ☐ FEED THRU LUGS | 10,000 AIC @ 240 VOLTAGE

	KVA	LOAD DESCRIPTION	BKR	CKT	A	B	C	CKT	BKR	LOAD DESCRIPTION	KVA	
Ⓔ	1.5	SOFT SERVE ICE CREAM MACHINE	30	1	■			2	20	REC – GENERAL COUNTER	1.0	⑫
				3		■		4	20	REC – GENERAL COUNTER	1.0	⑫
	1.0	ROLL UP DOOR	20	5	■			6	20	REC – GENERAL COUNTER	1.0	⑫
	0.0	SPARE	20	7		■		8	20	POINT OF SALES	0.8	⑨
	0.0	SPARE	20	9	■			10	20	SODA & ICE MACHINE	0.8	①
	0.0	SPARE	20	11		■		12	20	POPCORN MACHINE	0.5	⑦
	0.0	SPARE	20	13	■			14	20	WARMER	0.9	⑤
	0.0	SPARE	20	15		■		16	20	FREEZER	1.0	④
	0.0	SPARE	20	17	■			18	20	REFRIGERATOR	1.0	③
	0.0	SPARE	20	19		■		20	20	HOTDOG WARMER	1.7	⑯
	0.0	SPARE	20	21	■			22	20	SLUSHY MAKER	1.0	⑪
	0.0	SPARE	20	23		■		24	20	ICE MACHINE	0.6	⑧
	0.0	SPARE	20	25	■			26	20	BEER DISPENSER	0.5	②
	0.0	SPARE	20	27		■		28	20	SPARE	0.0	
	0.0	SPARE	20	29	■			30	20	SPARE	0.0	
		CONNECTED LOAD KVA:		**14.3**								

PNL–FHE

LOCATION: ELECTRIC RM.
FED FROM: MDP–FH (VIA MTS)

480/277 VOLTS/3ø 4 WIRE | 225 AF 225 AT | ☐ MAIN BKR ☒ MAIN LUGS ☐ FLUSH MTD ☒ SURFACE MTD ☐ BOTTOM FED | ☒ TOP FED ☐ FEED THRU LUGS | 65,000 AIC @ 480 VOLTAGE

KVA	LOAD DESCRIPTION	BKR	CKT	A	B	C	CKT	BKR	LOAD DESCRIPTION	KVA
0.8	LTG – FIELD LEVEL NORTH	20	1	■			2	70	PNL–FLE	6.7
1.0	LTG – FIELD LEVEL EAST	20	3		■		4			
1.3	LGT – SEATING	20	5			■	6			
2.8	LTG – CONCOURSE	20	7	■			8	20	SPARE	0.0
3.9	LTG – FIELD COMMON	20	9		■		10	20	SPARE	0.0
2.0	LTG – SIGNAGE	20	11			■	12	20	SPARE	0.0
0.0	SPARE	20	13	■			14	20	SPARE	0.0
0.0	SPARE	20	15		■		16	20	SPARE	0.0
0.0	SPARE	20	17			■	18	20	SPARE	0.0
0.0	SPARE	20	19	■			20	20	SPARE	0.0
0.0	SPARE	20	21		■		22	20	SPARE	0.0
0.0	SPARE	20	23			■	24	20	SPARE	0.0
0.0	SPARE	20	25	■			26	20	SPARE	0.0
0.0	SPARE	20	27		■		28	20	SPARE	0.0
0.0	SPARE	20	29			■	30	20	SPARE	0.0
0.0	SPARE	20	31	■			32	20	SPARE	0.0
0.0	SPARE	20	33		■		34	20	SPARE	0.0
0.0	SPARE	20	35			■	36	20	SPARE	0.0
0.0	SPARE	20	37	■			38	20	SPARE	0.0
0.0	SPARE	20	39		■		40	20	SPARE	0.0
0.0	SPARE	20	41			■	42	20	SPARE	0.0
	CONNECTED LOAD KVA:		**18.5**							

PNL–FH

LOCATION: ELECTRIC RM.
FED FROM: MDP–FH

480/277 VOLTS/3ø 4 WIRE | 800 AF 600 AT | ☐ MAIN BKR ☒ MAIN LUGS ☐ FLUSH MTD ☒ SURFACE MTD ☐ BOTTOM FED | ☒ TOP FED ☐ FEED THRU LUGS | 42,000 AIC @ 480 VOLTAGE

KVA	LOAD DESCRIPTION	BKR	CKT	A	B	C	CKT	BKR	LOAD DESCRIPTION	KVA
0.0	SPARE	60	1	■			2	60	ELEVATOR EQUIPMENT	25.0
			3		■		4			
			5			■	6			
75.0	PNL–FL	110	7	■			8	20	BB STADIUM SPORTS LIGHTS – A1	13.1
			9		■		10			
			11			■	12			
0.0	SPARE	20	13	■			14	20	BB STADIUM SPORTS LIGHTS – A2	13.1
			15		■		16			
0.0	SPARE	20	17			■	18			
			19	■			20	25	BB STADIUM SPORTS LIGHTS – B1	16.1
50.0	SCORE BOARD	100	21		■		22			
			23			■	24			
			25	■			26	25	BB STADIUM SPORTS LIGHTS – B2	16.1
1.2	LGT – OUTDOOR NORTH	20	27		■		28			
2.0	LGT – SITE NORTH	20	29			■	30			
3.4	LGT – SITE EAST	20	31	■			32	25	BB STADIUM SPORTS LIGHTS – C1	15.2
1.2	LGT – OUTDOOR EAST	20	33		■		34			
0.0	SPARE	20	35			■	36			
			37	■			38	25	BB STADIUM SPORTS LIGHTS – C2	15.2
0.0	SPARE	20	39		■		40			
0.0	SPARE	20	41			■	42			
	CONNECTED LOAD KVA:		**246.4**							

PNL–FLE

LOCATION: ELECTRIC RM.
FED FROM: PNL–FHE (VIA XFMR FLE)

208/120 VOLTS/3ø 4 WIRE | 100 AF 100 AT | ☐ MAIN BKR ☒ MAIN LUGS ☐ FLUSH MTD ☒ SURFACE MTD ☒ BOTTOM FED | ☐ TOP FED ☒ FEED THRU LUGS | 10,000 AIC @ 240 VOLTAGE

KVA	LOAD DESCRIPTION	BKR	CKT	A	B	C	CKT	BKR	LOAD DESCRIPTION	KVA
0.9	REC – TICKET OFFICE	20	1	■			2	20	REC – ELECTRIC RM.	0.2
1.1	REC– SECURITY OFFICE	20	3		■		4	20	REC – TELEPHONE BACKBOARD	1.5
0.5	REC – FIRST AID	20	5			■	6	20	FACP	0.5
0.0	SPARE	20	7	■			8	20	REC – SCORE BOARD CONTROLS	1.0
0.0	SPARE	20	9		■		10	20	REC – SCORE BOARD CONTROLS	1.0
0.0	SPARE	20	11			■	12	20	SPARE	0.0
	CONNECTED LOAD KVA:		**6.7**							

PNL–FL

LOCATION: ELECTRIC RM.
FED FROM: PNL–FH

208/120 VOLTS/3ø 4 WIRE | 250 AF 250 AT | ☐ MAIN BKR ☐ MAIN LUGS ☐ FLUSH MTD ☒ SURFACE MTD ☒ BOTTOM FED | ☐ TOP FED ☐ FEED THRU LUGS | 42,000 AIC @ 240 VOLTAGE

KVA	LOAD DESCRIPTION	BKR	CKT	A	B	C	CKT	BKR	LOAD DESCRIPTION	KVA
1.5	REC – CAMERA (VISITOR)	20	1	■			2	20	CIRCULATION PUMP (CP–1)	0.5
0.9	REC – GENERAL (VISITOR)	20	3		■		4	20	REC – EXTERIOR NORTH	0.3
0.7	REC – UNINHABITED SPACE/HALL (VISITOR)	20	5			■	6	20	VISITOR EXHAUST FAN (EF–1)	1.0
0.7	REC – VISITOR LOCKER RM, WOMENS & GENERAL	20	7	■			8	20	REC – HOME LOCKER RM, MENS & GENERAL	0.7
0.7	REC – FIRST AID	20	9		■		10	15	ELEVATOR CONTROL RM COOLING (DAC–1)	2.1
0.7	REC – VIP SEATING	20	11			■	12			
1.0	REC – VIP DRINKING FOUNTAIN	20	13	■			14	20	REC – GENERAL (HOME)	0.5
1.0	REC – VIP DRINKING FOUNTAIN	20	15		■		16	20	REC – UNINHABITED SPACE/HALL (HOME)	0.9
0.5	REC – SOUVENIRS	20	17			■	18	20	REC – CAMERA (HOME)	1.5
0.5	REC – CONCOURSE GENERAL	20	19	■			20	20	REC – CONCOURSE GENERAL (HOME)	0.5
1.0	REC – CONCOURSE DRINKING FOUNTAIN	20	21		■		22	20	REC – CONCOURSE DRINKING FOUNTAIN	1.0
0.4	REC – CONCOURSE LOBBY	20	23			■	24	45	ELECTRIC WATER HEATER (EWH–2)	12.0
12.0	ELECTRIC WATER HEATER (EWH–1)	45	25	■			26			
			27		■		28			
12.0	ELECTRIC WATER HEATER (EWH–3)	45	29			■	30	20	REC – EXTERIOR EAST	0.3
			31	■			32	20	ELECTRICAL RM EXHAUST (EF–5)	0.5
			33		■		34	20	HOME EXHAUST FAN (EF–2)	1.0
			35			■	36	20	CONCOURSE MENS EXHUAST (EF–4)	0.5
0.5	CONCOURSE WOMENS EXHAUST (EF–3)	20	37	■			38	20	WOMENS HAND DRYER	1.0
1.0	CONCOURSE WOMENS HAND DRYER	20	39		■		40	20	MENS HAND DRYER	1.0
1.0	CONCOURSE MENS HAND DRYER	20	41			■	42	20	ELEVATOR EQUIPMENT	0.0
	CONNECTED LOAD KVA:		**61.5**							

PNL–FTL

LOCATION: ELECTRIC RM.
FED FROM: MDP–FH

240/120 VOLTS/3ø 4 WIRE | 800 AF 700 AT | ☒ MAIN BKR ☐ MAIN LUGS ☒ SURFACE MTD ☐ BOTTOM FED | ☒ TOP FED ☐ FEED THRU LUGS | 65,000 AIC @ 480 VOLTAGE

KVA	LOAD DESCRIPTION	BKR	CKT	A	B	C	CKT	BKR	LOAD DESCRIPTION	KVA
1.0	FOOD TRUCK 1	50	1	■			2	20	FOOD TRUCK 1	1.0
			3		■		4	50	FOOD TRUCK 2	8.0
1.0	FOOD TRUCK 2	20	5			■	6			
8.0	FOOD TRUCK 3	50	7	■			8	20	FOOD TRUCK 3	1.0
			9		■		10	50	FOOD TRUCK 4	8.0
1.0	FOOD TRUCK 4	20	11			■	12			
8.0	FOOD TRUCK 5	50	13	■			14	20	FOOD TRUCK 5	1.0
			15		■		16	50	FOOD TRUCK 6	8.0
1.0	FOOD TRUCK 6	20	17			■	18			
8.0	FOOD TRUCK 7	50	19	■			20	20	FOOD TRUCK 7	1.0
			21		■		22	50	FOOD TRUCK 8	8.0
1.0	FOOD TRUCK 8	20	23			■	24			
8.0	FOOD TRUCK 9	50	25	■			26	20	FOOD TRUCK 9	1.0
			27		■		28	50	FOOD TRUCK 10	8.0
1.0	FOOD TRUCK 10	20	29			■	30			
8.0	FOOD TRUCK 11	50	31	■			32	20	FOOD TRUCK 11	1.0
			33		■		34	50	FOOD TRUCK 12	8.0
1.0	FOOD TRUCK 12	20	35			■	36			
8.0	FOOD TRUCK 13	50	37	■			38	20	FOOD TRUCK 13	1.0
			39		■		40	50	FOOD TRUCK 14	8.0
1.0	FOOD TRUCK 14	20	41			■	42			
	CONNECTED LOAD KVA:		**119.0**							

Ⓕ KEYED POWER SCHEDULE(S) NOTES:

1. BREAKERS SHALL BE CONFIGURED/SUBMITTED FOR REVIEW AND SHIPPED FROM MANUFACTURER ARRANGED AS SHOWN ON ELECTRICAL DRAWING PANEL SCHEDULES OR WILL BE DISAPPROVED.
2. BREAKER SIZE IS FOR 'REFERENCE ONLY', PROVIDE BREAKER SIZE & TYPE TO MATCH NAMEPLATE OF 'FINAL EQUIPMENT SELECTIONS'.
3. NEC 210.8 GROUND FAULT CIRCUIT INTERRUPT (GFI) TYPE BREAKER.
4. PROVIDE HEATING/AIR CONDITIONING RATED (HACR) TYPE CIRCUIT BREAKER.
5. [SHUNT–TRIP] TYPE CIRCUIT BREAKER FOR ELEVATOR INTERLOCKED WITH ELEVATOR CONTROLLER/FIRE ALARM CONTROL PANEL.
6. NEC 422.31(B) ALL DIRECT CONNECTED APPLIANCES RATED OVER 300VA OR 1/8HP SHALL HAVE LOCK–OUT TYPE BREAKER.
7. NFPA 72 4.4.1.4.2 FACP CIRCUIT SHALL HAVE LOCK–OUT TYPE BREAKER, MARKED RED, LABELED 'FACP CKT', & PNL/CKT ADDRESS PERMANENTLY LABELED AT FACP. EMERGENCY LTG CKTS ONLY SHALL HAVE LOCK–OUT TYPE BREAKER, MARKED RED, & LABEL 'EMERG LTG CKT'.
8. UPSIZED CONDUCTORS FOR VOLTAGE DROP.

MDP–LH

LOCATION: ELECTRIC RM.
FED FROM: TRANSFORMER

480/277 VOLTS/3ø 4 WIRE | 400 AF 400 AT | ☒ MAIN BKR ☐ MAIN LUGS ☒ SURFACE MTD ☒ BOTTOM FED | ☐ TOP FED ☐ FEED THRU LUGS | 42,000 AIC @ 480 VOLTAGE

KVA	LOAD DESCRIPTION	BKR	CKT	A	B	C	CKT	BKR	LOAD DESCRIPTION	KVA
20	MPZ–LL	70	1	■			2	20	BB STADIUM SPORTS LIGHTS – A3	4.1
			3		■		4			
			5			■	6			
25.0	SCORE BOARD	100	7	■			8	20	BB STADIUM SPORTS LIGHTS – A4	4.1
			9		■		10			
			11			■	12			
2.9	LGT – SITE	20	13	■			14	20	BB STADIUM SPORTS LIGHTS – B3	6.3
0.5	LGT – BATHROOM	20	15		■		16			
0.0	SPARE	20	17			■	18			
0.0	SPARE	20	19	■			20	20	BB STADIUM SPORTS LIGHTS – B4	6.3
0.0	SPARE	20	21		■		22			
0.0	SPARE	20	23			■	24			
0.0	SPARE	20	25	■			26	20	SPARE	0.0
0.0	SPARE	20	27		■		28	20	SPARE	0.0
0.0	SPARE	20	29			■	30	20	SPARE	0.0
0.0	SPARE	20	31	■			32	20	SPARE	0.0
0.0	SPARE	20	33		■		34	20	SPARE	0.0
0.0	SPARE	20	35			■	36	20	SPARE	0.0
0.0	SPARE	20	37	■			38	20	SPARE	0.0
0.0	SPARE	20	39		■		40	20	SPARE	0.0
0.0	SPARE	20	41			■	42	20	SPARE	0.0
	CONNECTED LOAD KVA:		**69.2**							

MPZ–LL

LOCATION: CONCESSION 1
FED FROM: MDP–S (VIA XFMR–CL1)

208/120 VOLTS/3ø 4 WIRE | 100 AF 70 AT | ☒ MAIN BKR ☐ MAIN LUGS ☐ FLUSH MTD ☒ SURFACE MTD ☐ BOTTOM FED | ☒ TOP FED ☐ FEED THRU LUGS | 10,000 AIC @ 240 VOLTAGE

KVA	LOAD DESCRIPTION	BKR	CKT	A	B	C	CKT	BKR	LOAD DESCRIPTION	KVA
0.6	REC – GENERAL	20	1	■			2	20	REC – GENERAL	0.6
0.6	REC – RESTROOM GENERAL	20	3		■		4	20	REC – GENERAL COUNTER	1.0
1.0	WOMENS HAND DRYER	20	5			■	6	20	MENS HAND DRYER	1.0
1.0	REC – SCORE BOARD CONTROLS	20	7	■			8	20	REC – SCORE BOARD CONTROLS	1.0
0.0	SPARE	20	9		■		10	20	SPARE	0.0
0.0	SPARE	20	11			■	12	20	SPARE	0.0
0.0	SPARE	20	13	■			14	20	SPARE	0.0
0.0	SPARE	20	15		■		16	20	SPARE	0.0
0.0	SPARE	20	17			■	18	20	SPARE	0.0
0.0	SPARE	20	19	■			20	20	SPARE	0.0
0.0	SPARE	20	21		■		22	20	SPARE	0.0
0.0	SPARE	20	23			■	24	20	SPARE	0.0
0.0	SPARE	20	25	■			26	20	SPARE	0.0
0.0	SPARE	20	27		■		28	20	SPARE	0.0
0.0	SPARE	20	29			■	30	20	SPARE	0.0
	CONNECTED LOAD KVA:		**6.8**							

VOLTAGE DROP

480 VOLT THREE PHASE (FEEDER 3% MAX)

1 SET: CONDUCTORS	BRANCH CKT AMPS						
	16A	20A	48	52A	56A	80A	88A
	DISTANCE IN FEET						
3 #12, #12G, 1/2"C	299ft	239ft					
3 #10, #10G, 1/2"C	495ft	396ft					
3 #8, #10G, 1/2"C	752ft	602ft					
3 #6, #8G, 3/4"C	1176ft	941ft	392ft	362ft			
3 #4, #8G, 1"C	1810ft	1448ft	603ft	557ft	517ft		
3 #3, #8G, 1–1/4"C	2215ft	1772ft	738ft	682ft	633ft	443ft	
3 #2, #6G, 1–1/4"C	2850ft	2280ft	950ft	877ft	814ft	570ft	518ft
3 #1, #6G, 1–1/2"C			1166ft	1077ft	1000ft	700ft	636ft
3 1/0, #6G, 1–1/2"C			1335ft	1233ft	1145ft	801ft	728ft

FEEDERS AND CUSTOMER OWNER SERVICE CONDUCTORS SHALL BE SIZED FOR A MAXIMUM VOLTAGE DROP OF 2 PERCENT AT DESIGN LOAD.

BRANCH CIRCUITS. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED FOR A MAXIMUM VOLTAGE DROP OF 3 PERCENT AT DESIGN LOAD.

VOLTAGE DROP

208 VOLT THREE PHASE (BRANCH CKT 3% MAX)

1 SET: CONDUCTORS/ CONDUIT RUNS	BRANCH CKT AMPS		
	16A	24A	32A
	DISTANCE IN FEET		
2 #12, #12G, 1/2"C	130ft		
2 #10, #10G, 1/2"C	215ft	143ft	
2 #8, #10G, 1/2"C	326ft	217ft	163ft
2 #6, #8G, 3/4"C	509ft	340ft	255ft
2 #4, #6G, 1"C	784ft	523ft	392ft
2 #3, #6G, 1"C	960ft	640ft	480ft
2 #2, #6G, 1"C	1235ft	823ft	617ft

FEEDERS AND CUSTOMER OWNER SERVICE CONDUCTORS SHALL BE SIZED FOR A MAXIMUM VOLTAGE DROP OF 2 PERCENT AT DESIGN LOAD.

BRANCH CIRCUITS. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED FOR A MAXIMUM VOLTAGE DROP OF 3 PERCENT AT DESIGN LOAD.

VOLTAGE DROP

208 VOLT SINGLE PHASE (BRANCH CKT 3% MAX)

1 SET: CONDUCTORS/ CONDUIT RUNS	BRANCH CKT AMPS			
	12A	16A	24A	40A
	DISTANCE IN FEET			
2 #12, #12G, 1/2"C	150ft	106ft		
2 #10, #10G, 1/2"C	248ft	175ft	117ft	
2 #8, #10G, 1/*"C	377ft	266ft	177ft	113ft
2 #6, #8G, 3/4"C	588ft	412ft	277ft	177ft
2 #4, #6G, 1"C	906ft	638ft	425ft	272ft
2 #3, #6G, 1"C	1108ft	777ft	518ft	333ft
2 #2, #6G, 1"C	1426ft	951ft	634ft	428ft

FEEDERS AND CUSTOMER OWNER SERVICE CONDUCTORS SHALL BE SIZED FOR A MAXIMUM VOLTAGE DROP OF 2 PERCENT AT DESIGN LOAD.

BRANCH CIRCUITS. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED FOR A MAXIMUM VOLTAGE DROP OF 3 PERCENT AT DESIGN LOAD.

VOLTAGE DROP

120 VOLT SINGLE PHASE (BRANCH CKT 3% MAX)

1 SET: CONDUCTORS/ CONDUIT RUNS	BRANCH CKT AMPS
	16A
	DISTANCE IN FEET
2 #12, #12G, 1/2"C	65ft
2 #10, #10G, 1/2"C	107ft
2 #8, #8G, 1/2"C	163ft
2 #6, #6G, 3/4"C	255ft
2 #4, #4G, 1"C	392ft

FEEDERS AND CUSTOMER OWNER SERVICE CONDUCTORS SHALL BE SIZED FOR A MAXIMUM VOLTAGE DROP OF 2 PERCENT AT DESIGN LOAD.

BRANCH CIRCUITS. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED FOR A MAXIMUM VOLTAGE DROP OF 3 PERCENT AT DESIGN LOAD.

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5775 Timuquana Road
Jacksonville, Florida 32210
Ph (904) 777-3089 • Fx (904) 777-3726
Engineering Business No. 7984
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ERS ENGINEERING ISSUES

NO.	DATE	DESCRIPTION
0	3–16–2020	CONSTRUCTION DOCUMENTS

ERIC R. SCHULTZ, P.E.
USVI LICENSE: O–5879–1B
PROFESSIONAL ENGINEER
ERIC R. SCHULTZ
O–5879–1B
U.S. VIRGIN ISLANDS

Steven E. Hutchins AIA Architects
109-113 ESTATE CASTLE COAKLEY
CHRISTIANSTED, ST. CROIX
U.S. VIRGIN ISLANDS 00822
TEL 340-778-8898 FAX 340-778-7754

PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
PANEL SCHEDULES

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E3.2

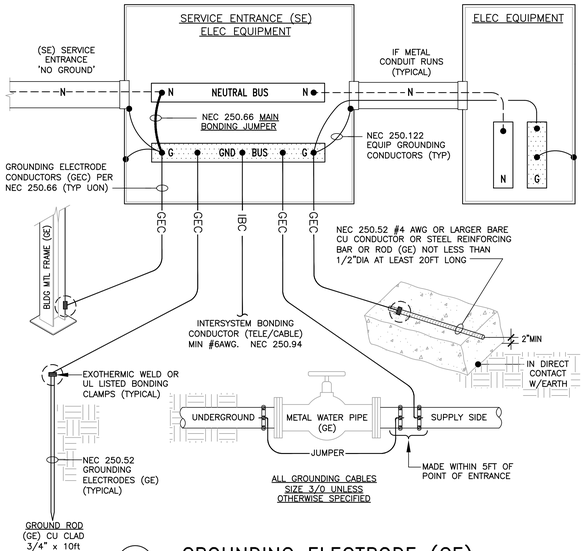
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ERS ENGINEERING ISSUES

NO.	DATE	DESCRIPTION
0	3-16-2020	CONSTRUCTION DOCUMENTS

ERIC R. SCHULTZ, P.E.
USVI LICENSE: 0-5879-1B
PROFESSIONAL ENGINEER
ERIC R. SCHULTZ
0-5879-1B
U.S. VIRGIN ISLANDS

SERVICE GROUNDING AT MAIN

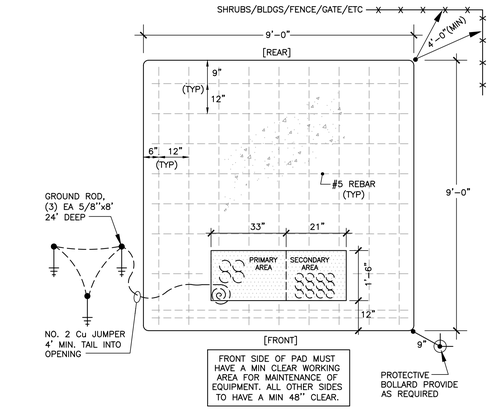


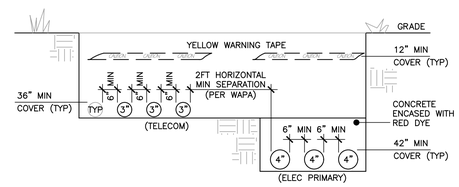
1 / E4.0

GROUNDING ELECTRODE (GE) ELEC SYSTEM DIAGRAM

NOT TO SCALE

ALL NEUTRAL BUSES TO BE ISOLATED. PROVIDE SEPARATE GROUND BUS.



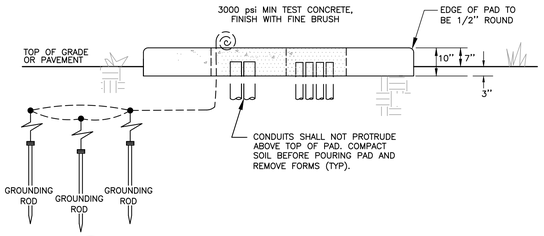


3 / E4.0

UTILITIES TRENCH DETAIL

NOT TO SCALE

DUCT BANK SHALL BE ENCASED IN CONCRETE FROM WAPA POLE TO SITE TRANSFORMER. CONCRETE SHALL BE MIXED WITH RED DYE.

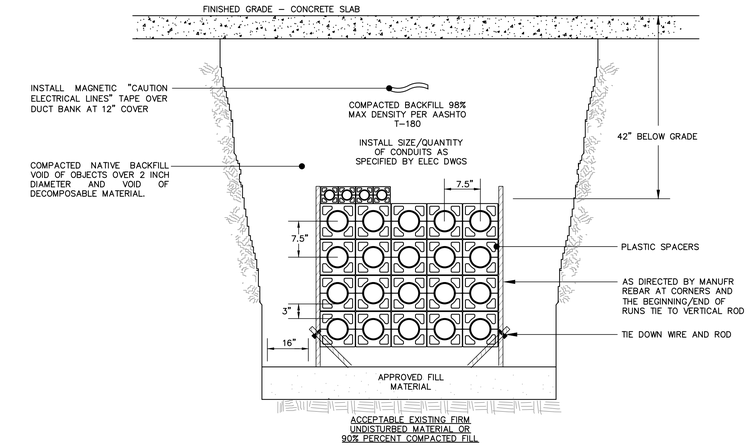


2 / E4.0

TRANSFER SWITCH PAD DETAIL

(#) KEYED PLAN NOTES:

1. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL CONDUITS AND PAD, AS WELL AS INSTALL COMPLETE, AND PULL WIRES. INSTALLATION AND CLEARANCES MUST MEET CURRENT WAPA REQUIREMENTS.

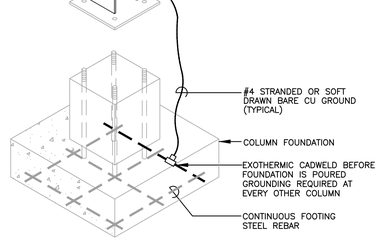


4 / E4.0

DUCT BANK – TRENCHING & CONDUIT BEDDING DETAIL

NOT TO SCALE

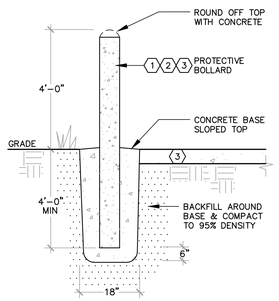
1. TO FACILITATE DEWATERING, POCKETS CAN BE UNDERCUT AT CONVENIENT INTERVALS & FILLED WITH GRAVEL TO ESTABLISH LOCATIONS FOR SUCTION END OF DEWATERING PUMP.
2. EACH LIFT TO BE COMPLETELY COMPACTED TO REQUIRED DENSITY BEFORE STARTING NEXT LIFT. NO LIFT TO EXCEED 6" WHEN COMPACTED.
3. SLOPE DUCT BANKS AND CONDUITS AWAY FROM BUILDING.



5 / E4.0

COLUMN BONDING GROUND DETAIL

NOT TO SCALE



6 / E4.0

PROTECTIVE BOLLARD DETAIL

NOT TO SCALE

(#) BOLLARD DETAIL NOTES:

1. PROTECTIVE 6" DIAMETER X 8'-0"H GALVANIZED STEEL POST BOLLARD SHALL BE CONCRETE FILLED. THEN PAINT SAFETY FDOT YELLOW WITH 2 COATS.
2. NOTE: GUARD STRUCTURE FOR WAPA EQUIPMENT EXPOSED TO VEHICULAR TRAFFIC OR AS DESIGNATED BY WAPA SERVICE ENGINEER.
3. SEE 'WAPA RULES & REGULATIONS.
4. FIELD VERIFY CONDITIONS (CONCRETE, SOD, ETC) AND INSTALL BOLLARD AS REQUIRED.

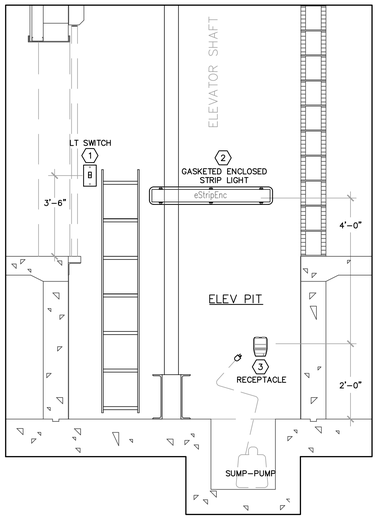
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PROJECT:
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PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
ELECTRICAL DETAILS

DATE: 3-16-2020
DRAWN BY: SRP

SHEET NUMBER:
E4.0

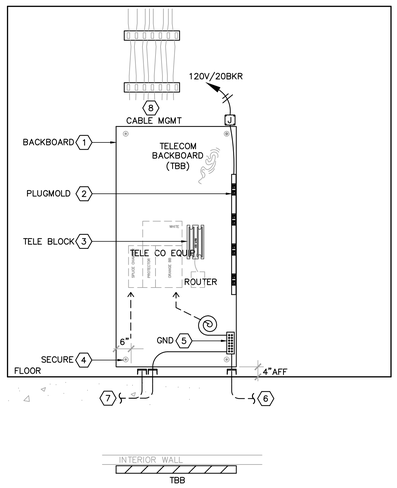


1 / E4.1 **ELEVATOR PIT DETAIL**

NOT TO SCALE

(#) ELEV PIT DETAIL NOTES:

1. LIGHT SWITCH IN ELEVATOR PIT SHALL BE MOUNTED AS DIRECTED BY APPROVED ELEVATOR SHOP DRAWINGS OR AS DIRECTED BY ELEVATOR VENDOR'S TECHNICIAN OR ELEVATOR INSPECTOR.
2. MOUNT FIXTURES IN LOCATIONS THAT WILL NOT COME IN CONTACT WITH ELEVATOR OR ASSOCIATED PARTS. LOCATE AS DIRECTED BY ELEVATOR VENDOR'S TECHNICIAN. PIT LIGHT SHALL BE CONNECTED AHEAD OF GFI RECEPTACLE.
3. CAST ALUMINUM WP JUNCTION BOX, GFI RECEPTACLE, WITH WP IN-USE ALUMINUM RECEPTACLE COVER INTERMATIC TYPE #WP-1010-MC OR APPROVED EQUAL. FIELD VERIFY AND COORDINATE LOCATION FOR ELEVATOR MAINTENANCE AND CORD/PLUG SUMP-PUMP IF REQUIRED.

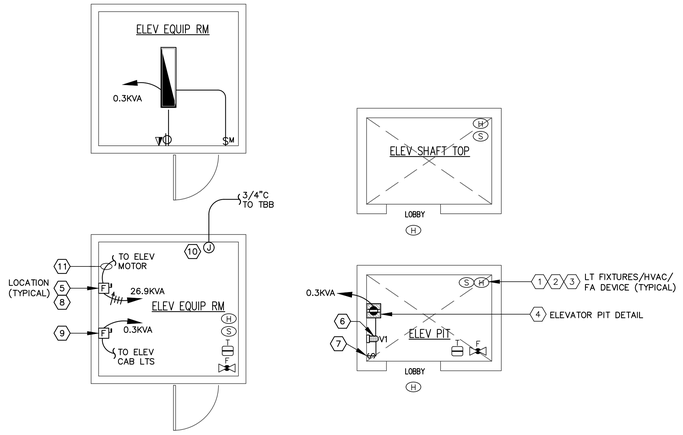


4 / E4.1 **TELECOM BACKBOARD (TBB) RISER**

NOT TO SCALE

(#) BACKBOARD RISER NOTES:

1. BACKBOARD SHALL BE PLYWOOD 4'x8'x3/4" W/FIRE RETARDANT PAINT ON ALL 6 SIDES.
2. PROVIDE JBOX AND HARDWIRE TO NONMETALIC PLUGMOLD RACEWAY 4FT WITH 4 DUPLEX RECEPTS, WIREMOLD #NM20GB412 OR APPROVED EQUAL.
3. TELECOM COMPANIES EQUIPMENT.
4. SECURE TO WALL WITH ANCHOR BOLT & 1" WASHER (TYP).
5. GROUNDING BAR WITH 5FT COILED #6AWG GREEN INSULATED CONDUCTOR IN FOR COMMUNICATIONS CO CONNECTION TO GROUND.
6. BOND #6AWG GREEN INSULATED CONDUCTOR IN 1/2"C TO SERVICE ENTRANCE ELEC SYSTEM GROUND.
7. 2- 4"PVC TO TELEPHONE CO SERVICE CONNECTION POINT. SEE 'ELEC SITE PLAN'.
8. PROVIDE CABLE MANAGEMENT AS REQUIRED.

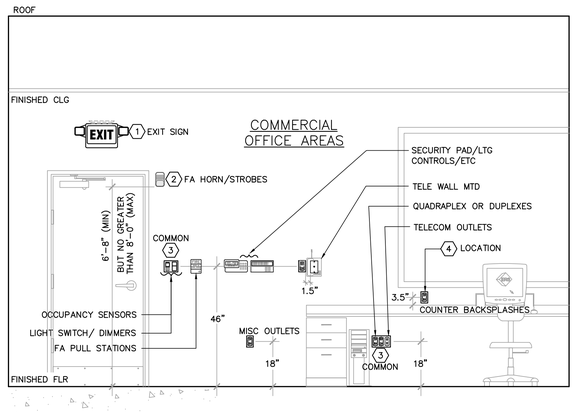


2 / E4.1 **ELEVATOR EQUIP ROOM & SHAFTS BASIC ELEC REQUIREMENTS**

1/4" = 1'-0"

(#) ELEVATOR DETAIL NOTES:

1. ALL LIGHT FIXTURES SEE ARCH DWGS FOR EXACT LOCATION.
2. ALL HVAC EQUIPMENT SEE MECH DWGS FOR EXACT LOCATION.
3. FIELD VERIFY LOCATION/QUANTITY OF ALL FIRE ALARM DEVICES AND PROVIDE AS REQUIRED PER FIRE PROTECTION DWGS. SEE 'FIRE ALARM RISER' FOR COMPLETE REQUIREMENTS.
4. SEE 'ELEVATOR PIT DETAIL' FOR COMPLETE REQUIREMENTS.
5. SEE ELEVATOR CONTRACTORS DWGS FOR FINAL LOCATION OF ALL ELEVATOR EQUIPMENT.
6. PROVIDE WIRE GUARD ON MOISTURE PROOF FIXTURE IN ELEVATOR PIT. PIT LIGHT SHALL NOT BE CONNECTED TO LOAD SIDE OF GFI RECEPTACLE.
7. LIGHT SWITCH IN ELEVATOR PIT SHALL BE MOUNTED 42" ABOVE THE SEAL PLATE ADJACENT TO THE ELEVATOR PIT STOP SWITCH AND LADDER, VERIFY EXACT LOCATION IN FIELD.
8. FUSED DISCONNECT WITH BUILT-IN AUXILIARY INTERLOCK SWITCH AND WIRING CONNECTION TO ELEVATOR CONTROLLER. FUSE TYPE SHALL BE RK-5 AND SIZED PER ELEVATOR MOTOR NAMEPLATE.
9. 30/2/20A NEMA 1 DISCONNECT FOR CAB LIGHTING, HVAC & ACCESSORIES. E.C. TO PROVIDE ONE CIRCUIT FOR LIGHTING AND FOR HVAC. ELEVATOR SUPPLIER SHALL PROVIDE A BATTERY BACK-UP UNIT TO POWER LIGHTS IN EVENT OF AN OUTAGE.
10. PROVIDE A 4" SQUARE J-BOX FOR INCOMING TELEPHONE CABLES FROM TELEPHONE BACKBOARD "TBB". ELEVATOR SUPPLIER SHALL RUN TELEPHONE CABLES FROM ELEVATOR EQUIPMENT ROOM TO ELEVATOR CAB.
11. PROVIDE SEPARATE INSULATED GROUND CONDUCTOR WITH FEEDERS (TYP).

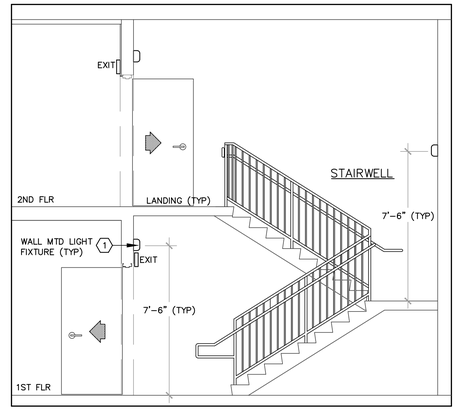


5 / E4.1 **ELEC DEVICES MOUNTING DETAIL**

NOT TO SCALE

(#) DEVICE MTG RISER NOTES:

1. EXIT SIGN WALL/CEILING MOUNTING ABOVE DOORS SHALL BE INSTALLED NEAR TOP OF DOORS TO MAXIMIZE VIEWING, FIELD VERIFY FINAL DOOR/CEILING HEIGHTS AND EXIT SIGN INSTALLATION AND PROVIDE AS REQUIRED PER NFPA.
2. INSTALL ALL HORN/STROBE FA DEVICES TIGHT TO DOOR JAMBS ABOVE SWITCH(ES).
3. WHERE LIGHT SWITCH(ES) OR MULTI-OUTLETS (TELE/DATA/PWR) ARE LOCATED NEXT TO EACH OTHER THEY SHALL BE GANGED & SHARE A COMMON FACEPLATE (TYP). ALL DEVICE FACEPLATES SHALL BE INSTALLED PLUMB AND SQUARE TO BUILDING LINES. ALL OUT-OF-PLUMB (OR) OUT-OF-SQUARE DEVICES SHALL BE REWORKED AT NO EXPENSE TO OWNER.
4. ALL ABOVE COUNTER OUTLETS SHALL BE INSTALLED ABOVE BACKSPLASHES. REFER TO ARCH ELEVATIONS/MILLWORK PLANS AND COORDINATE LOCATION WITH ALL OTHER DISCIPLINES PRIOR TO ROUGH-IN.

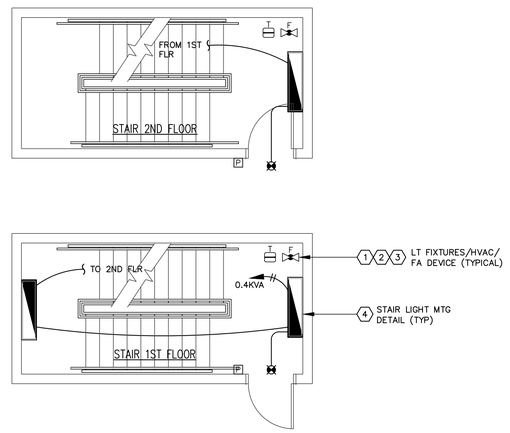


3 / E4.1 **STAIR LIGHT FIXTURE MTG DETAIL**

NOT TO SCALE

(#) STAIR DETAIL NOTES:

1. SEE 'ELEC LTG DWGS' FOR QUANTITY AND LOCATION.



6 / E4.1 **STAIRS BASIC ELEC REQUIREMENTS**

1/4" = 1'-0"

(#) PLAN NOTES:

1. ALL LIGHT FIXTURES SEE ARCH DWGS FOR EXACT LOCATION.
2. ALL HVAC EQUIPMENT SEE MECH DWGS FOR EXACT LOCATION.
3. FIELD VERIFY LOCATION/QUANTITY OF ALL FIRE ALARM DEVICES AND PROVIDE AS REQUIRED PER FIRE PROTECTION DWGS. SEE 'FIRE ALARM RISER' FOR COMPLETE REQUIREMENTS.
4. SEE 'STAIR LIGHT FIXTURE MTG DETAIL' FOR COMPLETE REQUIREMENTS.

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ERS ENGINEERING ISSUES

NO.	DATE	DESCRIPTION
0	3-16-2020	CONSTRUCTION DOCUMENTS

ERIC R. SCHULTZ, P.E.
USVI LICENSE: 0-5879-18
PROFESSIONAL ENGINEER
ERIC R. SCHULTZ
0-5879-1B
U.S. VIRGIN ISLANDS

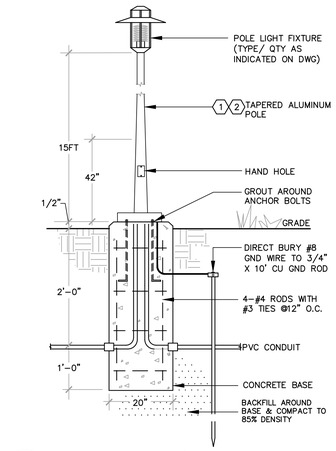
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PROJECT:
FREDERIKSTED REVITALIZATION PROJECT
PAUL E. JOSEPH BASEBALL STADIUM
AND SPORT COMPLEX

DRAWING INFORMATION:
ELECTRICAL DETAILS

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DRAWN BY: SRP

SHEET NUMBER:
E4.1

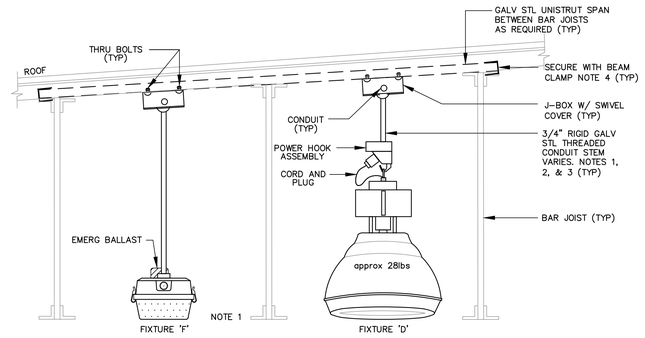


1 / E4.2 **LIGHT POLE/BASE DETAIL**

NOT TO SCALE

(#) POLE DETAIL NOTES:

1. PROVIDE POLE PER MANUFACTURERS RECOMMENDATIONS TO WITHSTAND 140MPH WIND SPEED. SEE 'ELEC PLANS' FOR LOCATION & QUANTITY OF POLES.
2. PROVIDE POLE WITH ALL REQUIRED STAINLESS STEEL HARDWARE FOR HEAD MTG, SEE 'ELEC SITE PLAN' FOR LOCATIONS.

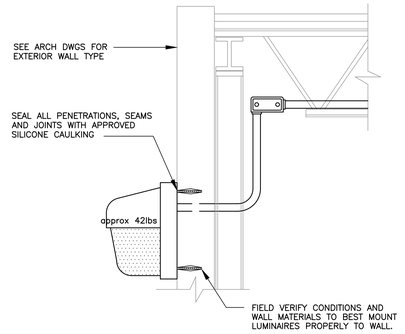


2 / E4.2 **NO CEILING OPEN TO STRUCTURE FIXTURE MOUNTING DETAIL**

NOT TO SCALE

(#) FIXTURE MTG DETAIL NOTES:

1. PROVIDE CONDUIT STEM LENGTH AS REQUIRED TO INSTALL FIXTURES AT UNIFORM HEIGHT LEVEL WITH BAR JOISTS.
2. LUMINAIRES MOUNTED IN ANY AIRSTREAM SHALL BE BRACED TO PREVENT SWAYING.
3. CONDUIT BOX & ALL SUPPORTS SHALL BE SIZED TO ACCOMMODATE (2) TIMES THE WEIGHT LOADS THEY ARE SUPPORTING.
4. THERE WILL BE NO CONNECTIONS MADE TO ROOF DECK WITH SCREWS OR BOLTS.

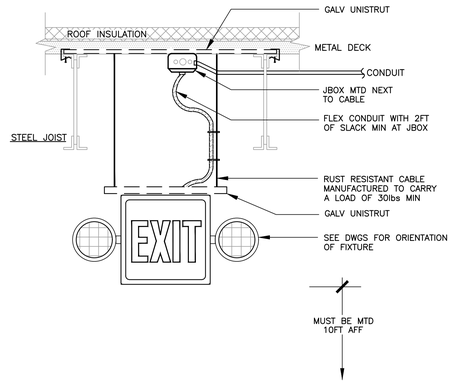


3 / E4.2 **EXTERIOR BUILDING MOUNTED WALL-PACK FIXTURE DETAIL**

NOT TO SCALE

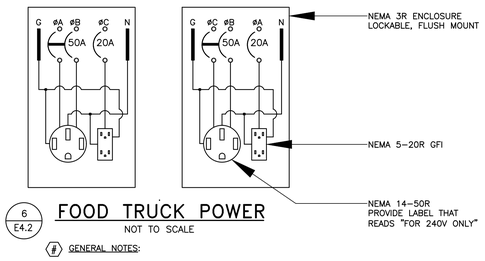
(#) WALLPACK DETAIL NOTES:

1. COORDINATE EXACT LOCATION VERTICALLY AND HORIZONTALLY WITH ARCHITECTURAL ELEVATIONS.



5 / E4.2 **SUSPENDED EXIT SIGN MTG DETAIL**

NOT TO SCALE



6 / E4.2 **FOOD TRUCK POWER**

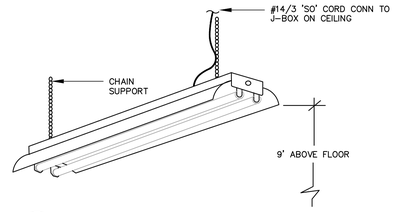
NOT TO SCALE

(#) GENERAL NOTES:

A. HALF OF FOOD TRUCK POWER SHALL BE WIRED øA-B-C AND HALF WIRED AS øC-B-A.

B. REFER TO PNL-FTL PANEL SCHEDULE.

C. ELECTRICAL CONTRACTOR TO VERIFY HIGH-LEG OF 240V 3ø SOURCE PANEL PNL-FTL AND ENSURE THAT HIGH-LEG IS NOT WIRED TO NEMA 5-20R.



8 / E4.2 **LED SUSPENDED DETAIL**

NOT TO SCALE

DETAIL NOTES:

1. LIGHT FIXTURES SHALL BE 4 FT LONG, INDUSTRIAL LED WITH REFLECTOR AND ENERGY EFFICIENT DRIVER.

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