

**EXHIBIT 3  
BARGE DESIGN SOLUTIONS  
CIVIL PLANS  
08/28/2023**

# SITE IMPROVEMENTS FOR SOUTHPORT SPORTS COMPLEX BAY COUNTY



BOARD OF COUNTY COMMISSIONERS

TOMMY HAMM, VICE CHAIRMAN - DISTRICT 1  
ROBERT CARROLL, CHAIRMAN - DISTRICT 2  
WILLIAM DOZIER - DISTRICT 3  
DOUG MOORE - DISTRICT 4  
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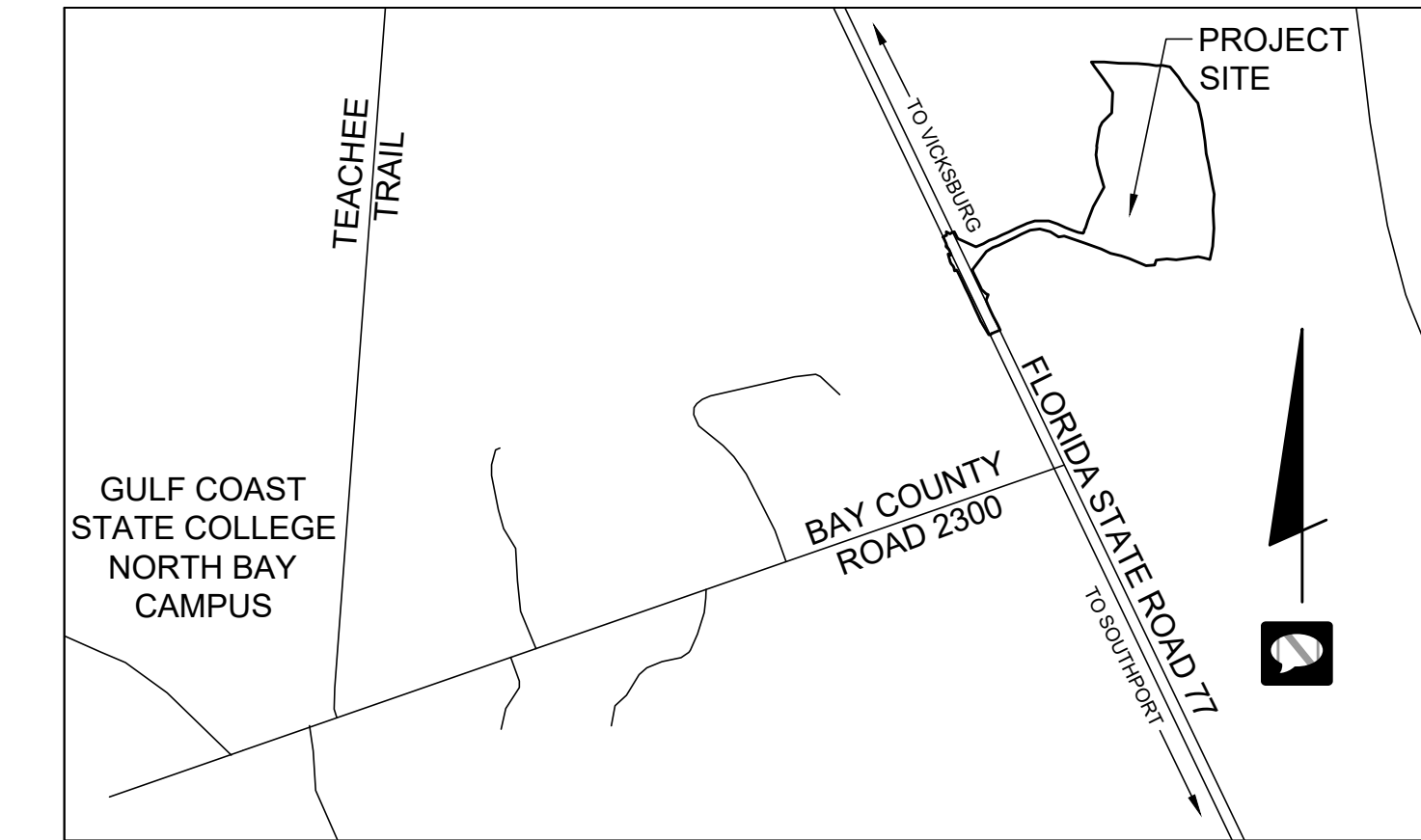


08/28/2023  
FOR BID

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C6.01	SR 77 TYPICAL SECTIONS				
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C7.03	SITE DETAILS				
C7.04	SITE DETAILS				
C7.05	SITE DETAILS				
C7.06	SITE DETAILS				
C7.07	EROSION CONTROL DETAILS				

FROM SOUTHPORT TAKE HWY 77 NORTH APPROXIMATELY 1.5 MILES PAST BAY COUNTY RD. 2300 TO UNIMPROVED ACCESS ROAD ON THE EAST SIDE OF HWY 77.



### VICINITY MAP

NOT TO SCALE

### GENERAL INFORMATION

- PARCEL ID: 07653-004-00
- LOCATION ADDRESS: 8598 HWY 77 SOUTHPORT, FL 32409
- PROPERTY USE CODE: COUNTY VAC (008003)
- SEC/TWP/RNG: 16-2S-14W
- TAX DISTRICT: FIRE COUNTY MOSQUITO (DISTRICT 55)
- ACREAGE: 32.950
- FUTURE LAND USE: MIXU- MIXED USE

### SITE DEVELOPMENT INFORMATION

- OWNER: BAY COUNTY (840 W 11TH ST., PANAMA CITY, FL 32401)
- PRIMARY OWNER CONTACT: JASON B. JOWERS, ASST. GENERAL SERVICES & PARKS DIRECTOR  
- 5304 OLD MAJETTE TOWER RD., PANAMA CITY, FL 32404)  
- GENERAL SERVICES DEPARTMENT  
- PHONE: 850-248-8730  
- EMAIL: JJOWERS@BAYCOUNTYFL.GOV
- CURRENT ZONING: MLU - MIXED USE
- FUTURE ZONING: MLU - MIXED USE
- ADJACENT ZONING: MLU & C-3 GENERAL COMMERCIAL
- PROPOSED USE - BASEBALL SPORTS COMPLEX

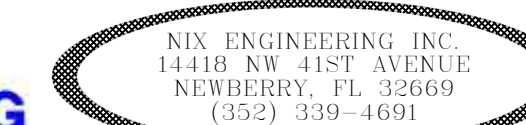
### APPLICABLE CODES

1. FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTORS MANUAL (OCTOBER 2018)
2. FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (JULY 2021)
3. NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT ENVIRONMENTAL RESOURCE PERMIT APPLICANT'S HANDBOOK (OCTOBER 1, 2013)
4. 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

**SITE IMPROVEMENTS**  
 FOR  
**SOUTHPORT SPORTS COMPLEX**  
 BAY COUNTY, BOARD OF COUNTY COMMISSIONERS



840 Harrison Avenue // Suite 105 // Panama City, Florida 32401  
PHONE (850) 299-8121



**C0.00**  
PROJECT No.  
37237-01

USER: HWBROWN  
 FILE: I:\737237\372370104\_CAD\GEN\3723701\_C0.00 COVER.dwg  
 SAVED: 8/28/2023  
 PLOTTED: 8/28/2023

PROJECT DESCRIPTION

THE SOUTHPORT SPORTS COMPLEX CONSISTS OF CONSTRUCTION OF SEVEN BASEBALL FIELDS AND VARIOUS COMPONENTS TO SUPPORT THE COMPLEX. THE BID PACKAGE CONSISTS OF ALL ACTIVITIES REQUIRED FOR, AND INCIDENTAL TO, THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. IMPROVEMENTS INCLUDE BUT ARE NOT LIMITED TO A NEW TURN LANE ON HIGHWAY 77, ASPHALT ENTRY DRIVE, ENTRY GATES, PARKING LOTS, EROSION AND SEDIMENT CONTROL, GRADING, SEWER FORCE MAIN, DOMESTIC WATER, REUSE WATER FOR IRRIGATION, BALLFIELD FENCING, ATHLETIC FIELD CONSTRUCTION, LASER GRADING, IRRIGATION, SPORTS FIELD LIGHTING, PARKING LOT LIGHTING, SITE ELECTRICAL, CONCESSION/RESTROOM BUILDING, MAINTENANCE BUILDING, COVERED BATTING CAGES, PICNIC PAVILION, CONCRETE WALKS, ASPHALT WALKS, LANDSCAPING, AND OTHER ITEMS INCIDENTAL TO THE SPORTS COMPLEX DESCRIBED IN THE PROJECT DRAWINGS AND SPECIFICATIONS.

GENERAL NOTES

- 1. THE FOLLOWING NOTES ARE APPLICABLE TO ALL CIVIL DOCUMENTS.
2. THE CONTRACTOR SHALL USE MATERIALS AND EMPLOY CONSTRUCTION METHODS IN ORDER TO COMPLY WITH THE DRAWINGS AND SPECIFICATIONS.
3. THE CONTRACTOR SHALL CONFORM TO ALL LOCAL CODES AND OBTAIN ALL PERMITS AND BOND, IF REQUIRED, PRIOR TO BEGINNING WORK.
4. ALL RADII SHALL BE 5' UNLESS OTHERWISE NOTED. DIMENSIONS ARE TO THE FACE OF CURBS, EDGE OF CONCRETE, OR TO FACE OF BUILDING, UNLESS OTHERWISE NOTED.
5. CURBS SHALL BE PARALLEL TO THE CENTERLINE OF DRIVES. THE CURB SHALL BE PLACED ONLY AFTER HAVING ALL BREAK POINTS (PC & PT OF CURVES) LOCATED AT THE FACE OF CURB OR AT A CONSISTENT OFFSET BY A LAND SURVEYOR.
6. THE SITE LAYOUT IS BASED ON THE CONTROL POINTS AS NOTED.
7. REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
8. DO NOT SCALE DRAWING AS THEY ARE REPRODUCTION AND SUBJECT TO DISTORTION.
9. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE STARTING ANY WORK. DAMAGES TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED ACCORDING TO LOCAL STANDARDS AND SPECIFICATIONS AT THE CONTRACTOR'S EXPENSE.
10. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFICATIONS AND LIAISON WITH UTILITY COMPANIES IN THE PROCESS OF LOCATING, RELOCATION AND TIE-IN TO PUBLIC UTILITIES.
11. PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT. FIELD ADJUSTMENT OF FINAL GRADES MAY BE NECESSARY.
12. CONCRETE WALKS AND PADS SHALL HAVE A BROOM FINISH.
13. ALL DAMAGE TO EXISTING ASPHALT PAVEMENT TO REMAIN, WHICH RESULTS FROM NEW CONSTRUCTION, SHALL BE REPLACED WITH LIKE MATERIALS AT CONTRACTOR'S EXPENSE.
14. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN THE USE OF EQUIPMENT IN AND AROUND OVERHEAD ELECTRICAL WIRES AND SERVICES.
15. IN EASEMENTS AND RIGHTS-OF-WAY, CONTRACTOR SHALL PROTECT AND RESTORE SAID PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THAT EXISTING AT THE COMMENCEMENT OF CONSTRUCTION EXCEPT AS NOTED.
16. THESE PLANS, PREPARED BY BARGE DESIGN SOLUTIONS, DO NOT EXTEND TO OR INCLUDE SYSTEMS PERTAINING TO THE SAFETY OF THE CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK.
17. ALL ACCESSIBLE PARKING SPACES ARE TO RECEIVE AN ACCESSIBLE SIGN AND LEGEND PAINTED ON THE PAVEMENT.
18. ALL ACCESSIBLE RAMP DESIGNS SHALL CONFORM TO ADA STANDARDS OR LOCAL BUILDING CODE STANDARDS, WHICHEVER IS MORE RESTRICTIVE.
19. ON-SITE PAVING SHALL BE CONSTRUCTED IN ACCORDANCE WITH PLANS. ALL PAVING WORK WITHIN PUBLIC RIGHT-OF-WAYS MUST MEET THE MATERIALS, EQUIPMENT, AND CONSTRUCTION, AND TESTING REQUIREMENTS OF THE GOVERNING MUNICIPALITY'S STANDARDS & SPECIFICATIONS.
20. THE CONTRACTOR SHALL PROTECT ALL MONUMENTS, IRON PINS, AND PROPERTY CORNERS DURING CONSTRUCTION.
21. UNLESS NOTED, SUBMIT SHOP DRAWINGS OF ALL FABRICATED MATERIALS FOR REVIEW. DESIGN DRAWINGS SHALL NOT BE REPRODUCED FOR USE AS SHOP DRAWINGS.
22. ALL REQUIRED TESTING REPORTS SHALL BE AVAILABLE AT THE JOB SITE.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS.
24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO EXISTING VEGETATION OUTSIDE OF THE CLEARING LIMITS DURING CONSTRUCTION.
25. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CURRENT CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED PERMITS.
26. ALL PAVING, CONSTRUCTION, MATERIALS AND WORKMANSHIP WITHIN THE STATE ROW SHALL BE IN ACCORDANCE WITH (FDOT'S) SPECIFICATIONS AND STANDARDS (LATEST EDITION).

- 27. ALL PAVING, CONSTRUCTION, MATERIALS AND WORKMANSHIP WITHIN THE BAY COUNTY RIGHT-OF-WAY (ROW) SHALL BE IN ACCORDANCE WITH BAY COUNTY PUBLIC WORKS SPECIFICATIONS AND STANDARDS (LATEST EDITION).
28. ANY WELLS DISCOVERED ON SITE THAT WILL HAVE NO USE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL JURISDICTIONAL AGENCIES.
29. ANY WELLS DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
30. ALL SITE EARTHWORK, EROSION CONTROL, PAVING, DRAINAGE, AND UTILITY WORK SHALL CONFORM TO FDOT STANDARD SPECIFICATIONS AND STANDARDS, CURRENT EDITION, UNLESS OTHERWISE SPECIFIED HEREIN.
31. ALL MATERIALS AND SOIL COMPACTION ON-SITE TESTING IS TO BE CONDUCTED BY THE OWNER'S INDEPENDENT GEOTECHNICAL ENGINEER AND TESTING LABORATORY.

GRADING NOTES

- 1. ALL STORMWATER PIPES, STRUCTURES, AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH BAY COUNTY STANDARD SPECIFICATIONS AND DETAILS.
2. NO TREES ARE TO BE REMOVED AND/OR VEGETATION DISTURBED EXCEPT AS NECESSARY FOR GRADING PURPOSES AND ONLY AS APPROVED BY OWNER'S REPRESENTATIVE AND CITY ENGINEER.
3. STRIP ALL TOPSOIL AND OTHER DELETERIOUS MATERIALS TO ACCOMPLISH GRADING AS INDICATED ON THE PLANS.
4. ALL TOPSOIL, FILL MATERIAL, EXISTING FOUNDATIONS, UTILITIES, UNDERGROUND TANKS, PAVEMENT, BASE AND ANY OTHER DELETERIOUS MATERIALS SHALL BE COMPLETELY REMOVED FROM WITHIN THE BEARING ZONE BELOW.
5. ADJUST FINAL GRADES TO EXISTING PAVEMENTS TO ASSURE A SMOOTH TRANSITION.
6. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
7. FILL ALL PLANTERS/ISLANDS 6-12" CROWNED ABOVE CONCRETE CURB WITH TOPSOIL.
8. IN NO CASE SHALL SLOPE HEIGHT, SLOPE INCLINATION, OR EXCAVATION DEPTH, INCLUDING TRENCH CONSTRUCTION, EXCEED THOSE SPECIFIED IN LOCAL, STATE AND FEDERAL REGULATIONS.
9. A GEOTECHNICAL REPORT ISSUED MAY 13, 2022 (DATED MAY 13, 2021) HAS BEEN PREPARED FOR THE SITE BY SOUTHERN EARTH SCIENCES.
10. MINIMUM SLOPE ON ASPHALT OR CONCRETE PAVING SHALL BE 1.0% AND A MINIMUM 0.5% SLOPE ON CURBS.
11. ALL GRADED AREAS, INCLUDING SLOPES, ARE TO BE MULCHED AND SEEDED AS SOON AS POSSIBLE AFTER GRADING IS COMPLETED.
12. CONSTRUCT EROSION CONTROL AS SHOWN ON DRAWINGS PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES.
13. ALL NEW STRUCTURES AND EXISTING STRUCTURES SHALL HAVE SEDIMENT REMOVED PRIOR TO ACCEPTANCE.
14. SILT BARRIERS SHALL BE CLEANED OF ACCUMULATED SEDIMENT WHEN APPROXIMATELY 50% FILLED.
15. REPLACE SILT BARRIERS WHEN CONDITIONS WARRANT AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE AND CITY ENGINEER.
16. CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING WORK.
17. CONTOUR LINES AND SPOT ELEVATIONS ARE THE RESULT OF A DETAILED ENGINEERING GRADING DESIGN AND REFLECT A PLANNED INTENT.
18. ALL UN-SURFACED AREA DISTURBED BY GRADING OPERATIONS SHALL RECEIVE 6 INCHES OF TOPSOIL.
19. PROVIDE TEMPORARY CONSTRUCTION ACCESS(ES) AT THE POINT(S) WHERE CONSTRUCTION VEHICLES EXIT THE CONSTRUCTION AREA.
20. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.
21. CONSTRUCTION ENTRANCE SHALL BE IN PLACE PRIOR TO ANY COMBUSTIBLES.
22. EXISTING AND PROPOSED GRADE CONTOUR INTERVALS SHOWN AT (1' FOOT).
23. THIS GRADING AND DRAINAGE PLAN IS NOT A DETERMINATION OR GUARANTEE OF THE SUITABILITY OF SURFACE CONDITIONS FOR THE WORK INDICATED.
24. DO NOT DISTURB VEGETATION OR REMOVE ANY EXISTING TREES EXCEPT WHERE DESIGNATED ON THE PLAN.
25. TOP OF GRATE ELEVATIONS AND LOCATION OF COORDINATES FOR DRAINAGE STRUCTURES SHALL BE AS SHOWN ON THE PLAN UNLESS OTHERWISE NOTED.
26. ALL SPORTS FIELDS AND SUBGRADE TO BE LASER GRADED BY A CERTIFIED SPORTS FIELD CONTRACTOR ACCORDING TO SPECIFICATIONS.

EROSION CONTROL NOTES

- 1. AT A MINIMUM, THE CONTRACTOR SHALL UTILIZE THE RECOMMENDATIONS IN THE FDEP'S "FLORIDA STORMWATER AND SEDIMENTATION CONTROL INSPECTORS MANUAL" FOR ALL ONSITE EROSION AND SEDIMENT CONTROL MEASURES.
2. NO VEGETATION IS TO BE DISTURBED EXCEPT AS NECESSARY FOR GRADING PURPOSES.
3. TOPSOIL IS TO BE STRIPPED FROM ALL CUT AND FILL AREAS, STOCKPILED, AND REDISTRIBUTED OVER GRADED AREAS TO A MINIMUM DEPTH OF 6".
4. ALL GRADED AREAS INCLUDING 3:1 SLOPES ARE TO BE MULCHED AND SEEDED WITHIN 7 DAYS OF FINAL GRADING.
5. ALL DIMENSIONS AND LOCATIONS OF TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES SHALL BE SUBJECT TO ADJUSTMENT AS DESIGNATED BY THE ENGINEER.
6. WHEN THE TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES ARE NO LONGER REQUIRED FOR THE INTENDED PURPOSE, IN THE OPINION OF THE ENGINEER, THEY SHALL BE REMOVED.
7. NO WORK IS TO BE STARTED UNTIL MANDATORY PRE-CONSTRUCTION MEETING WITH ALL LOCAL AUTHORITIES HAVING JURISDICTION.
8. INSTALL SILT FENCE AROUND THE BASE OF ANY STOCK PILES.
9. CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA, THE EQUIPMENT MAINTENANCE AND CLEANING AREA, CONTRACTOR'S EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES.
10. ALL UNDISTURBED AREAS INCLUDING WETLAND/STREAM BUFFERS, SHALL BE FIELD MARKED AND KEPT FREE OF CONSTRUCTION EQUIPMENT.
11. CURRENT VERSIONS OF THE STORM WATER POLLUTION PREVENTION PLAN, NOTICE OF INTENT, AND NOTICE OF COVERAGE SHALL BE KEPT ON SITE AND IS TO BE ACCESSIBLE FOR THE DURATION OF THE PROJECT.
12. APPLY PERMANENT SEEDING WHENEVER GRADING OPERATIONS ARE COMPLETED AND ALL CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA.
13. MULCH WITH STRAW AT A RATE OF 100 LBS/1000 S.F. OVER THE SEEDED AREAS.
14. EROSION CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH FDEP'S EROSION AND SEDIMENT CONTROL HANDBOOK AND FDEP'S CONSTRUCTION ACTIVITY PERMIT REQUIREMENTS.
15. CONTRACTOR TO PROVIDE AN AREA FOR CONCRETE WASH DOWN AND EQUIPMENT FUELING.
16. THE SITE SHALL BE STABILIZED WITHIN 7 DAYS AFTER CONSTRUCTION HAS TEMPORARILY/PERMANENTLY CEASED.
17. VEGETATION AND EROSION AND SEDIMENT CONTROL MEASURES THAT ARE AFFECTED BY CONSTRUCTION SHALL BE REPAIRED OR REPLACED WITHIN 7 DAYS.
18. ADHERE TO ALL REQUIREMENTS OF THE FLORIDA NPDES GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES.
19. INSPECT SILT FENCES AND OTHER EROSION AND SEDIMENT CONTROL MEASURES ON A DAILY BASIS AND FOLLOWING QUALIFYING RAIN EVENTS.

DEMOLITION, CLEARING, AND TREE PROTECTION

- 1. ALL INITIAL EROSION AND SEDIMENT CONTROL PRACTICES AND TREE PROTECTION MEASURES SHALL BE IN PLACE PRIOR TO START OF DEMOLITION OR LAND DISTURBANCE ACTIVITIES.
2. DEMOLITION WORK SHALL BE COORDINATED WITH ALL ADJACENT USES.
3. CONTRACTOR SHALL FULLY REMOVE AND DISPOSE OF ALL DEMOLISHED MATERIALS UNLESS NOTED OTHERWISE.
4. SURFACE CONCRETE AND ASPHALT SHALL BE SAWCUT TO A NEAT LINE, DEMOLISHED AND REMOVED, INCLUDING ANY BASE MATERIAL.
5. CONTRACTOR TO COORDINATE SHUT-OFF AND REROUTING OF ANY SITE UTILITIES WITH LOCAL ENTITIES HAVING JURISDICTION.
6. ALL DESIGNATED TREES TO BE FULLY REMOVED INCLUSIVE OF BELOW GRADE ROOT MASS.
7. BURNING IS ALLOWED FOR VEGETATIVE DEBRIS ONLY.
8. ALL AREAS DESIGNATED TO BE CLEANED BY CONTRACTOR OR SELECTIVELY CLEARED ARE TO BE FLAGGED IN THE FIELD PRIOR TO CLEARING.
9. IF SO INDICATED ON THE SITE PLAN TO REMAIN, THE CONTRACTOR SHALL PROTECT ANY PLANT MATERIAL FROM DAMAGE OR ANY SCARRING.

UTILITY NOTES

- 1. ALL WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS OF LOCAL UTILITY COMPANY PROVIDER.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND INVERTS OF ALL EXISTING UTILITY LINES AND STRUCTURES BEFORE THE COMMENCEMENT OF CONSTRUCTION.
3. THE PARKING LOT SHALL BE CONSTRUCTED TO SUBGRADE.
4. SEWER SERVICE LINE CLEAN-OUT ASSEMBLY SHALL BE INSTALLED ACCORDING TO THE SPECIFICATIONS OF LOCAL UTILITY COMPANY PROVIDER.
5. ALL PUBLIC AND PRIVATE WATER MAINS SHALL COMPLY WITH NFPA 13 AND 24 UNLESS LOCAL JURISDICTION STATES OTHERWISE.
6. CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES, OBTAIN ALL PERMITS, AND PAY ANY APPLICABLE FEES.
7. IN THE EVENT OF ANY DISCREPANCIES AND/OR ERRORS FOUND IN THE DRAWINGS, OR IF PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
8. THE CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES.
9. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN THE USE OF EQUIPMENT IN AND AROUND OVERHEAD AND UNDERGROUND ELECTRICAL WIRES AND SERVICES.
10. THE OWNER AND ENGINEER DO NOT ASSUME RESPONSIBILITY FOR THE POSSIBILITY THAT, DURING CONSTRUCTION, UTILITIES OTHER THAN THOSE SHOWN MAY BE ENCOUNTERED.
11. MAINTAIN A MINIMUM OF 18" VERTICAL CLEARANCE BETWEEN ALL SANITARY SEWER AND WATERLINE CROSSINGS.
12. GRAVITY SANITARY SEWER LINES SHALL BE SDR 35 PVC.
13. THE LOCATIONS OF THE EXISTING UTILITIES SHOWN ARE APPROXIMATE.
14. ALL CONSTRUCTION SHALL CONFORM TO THE BAY COUNTY UTILITY SERVICES SPECIFICATIONS AND STANDARD DETAILS UNLESS OTHERWISE APPROVED BY THE OWNER/ENGINEER.
15. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES CONCERNING CONFLICTS, RELOCATION, REMOVAL, AND INTERRUPTIONS OF SERVICE.
16. THE CONTRACTOR SHALL COORDINATE ALL WORK PLANNING/SCHEDULING WITH BAY COUNTY UTILITY SERVICES.

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SAVED:12/15/2022
PLOTTED:04/02/23

BARGE DESIGN SOLUTIONS
840 Harrison Avenue / Suite 105 / Panama City, Florida 32401
PHONE: (904) 799-9121
FAX: (904) 799-9121
FL LIC. NO. 12300033



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GENERAL NOTES
SITE IMPROVEMENTS FOR
SOUTHPORT SPORTS COMPLEX
BAY COUNTY, FL

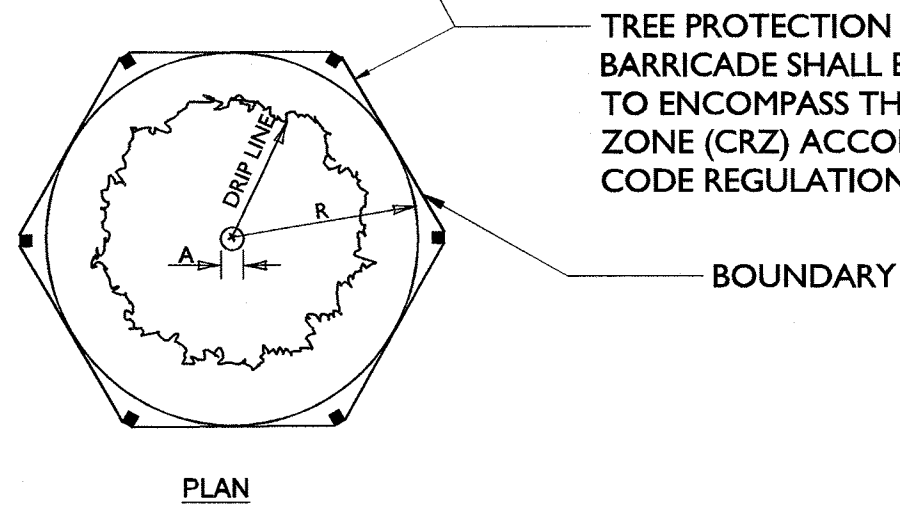
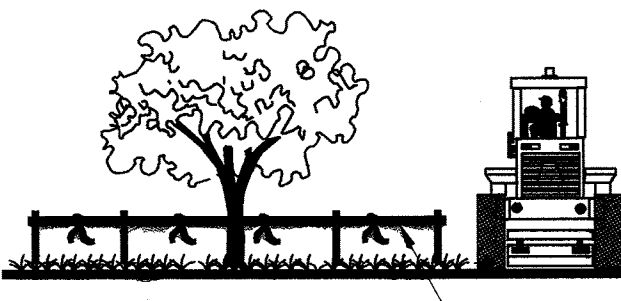
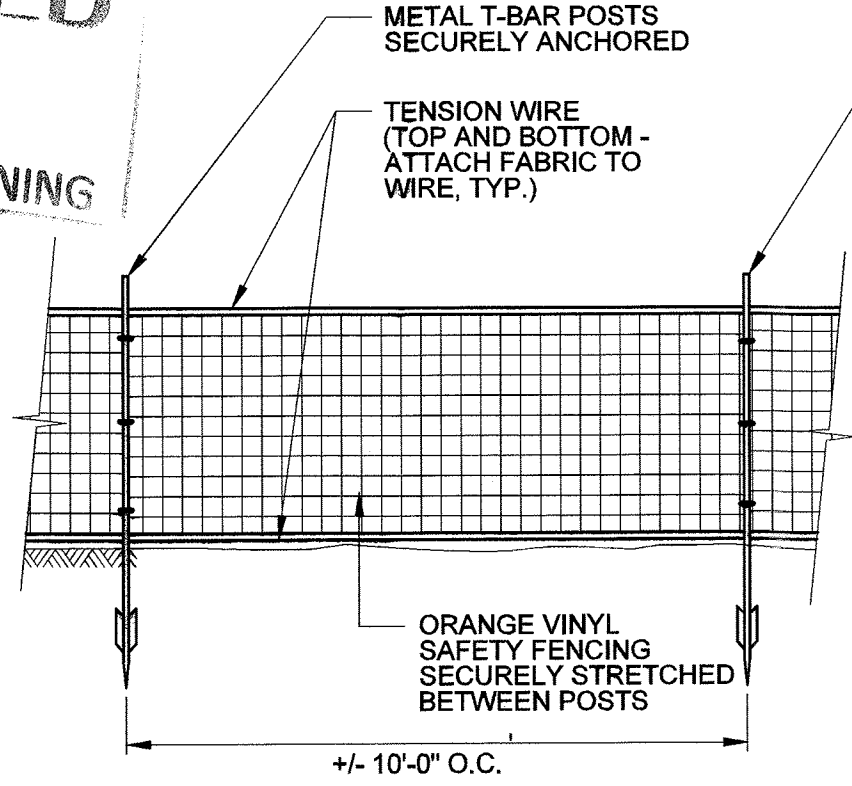
Table with 4 columns: REV, OR, CHK, DATE, DESCRIPTION. Rows A through G.

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**TREE PROTECTION NOTES:**

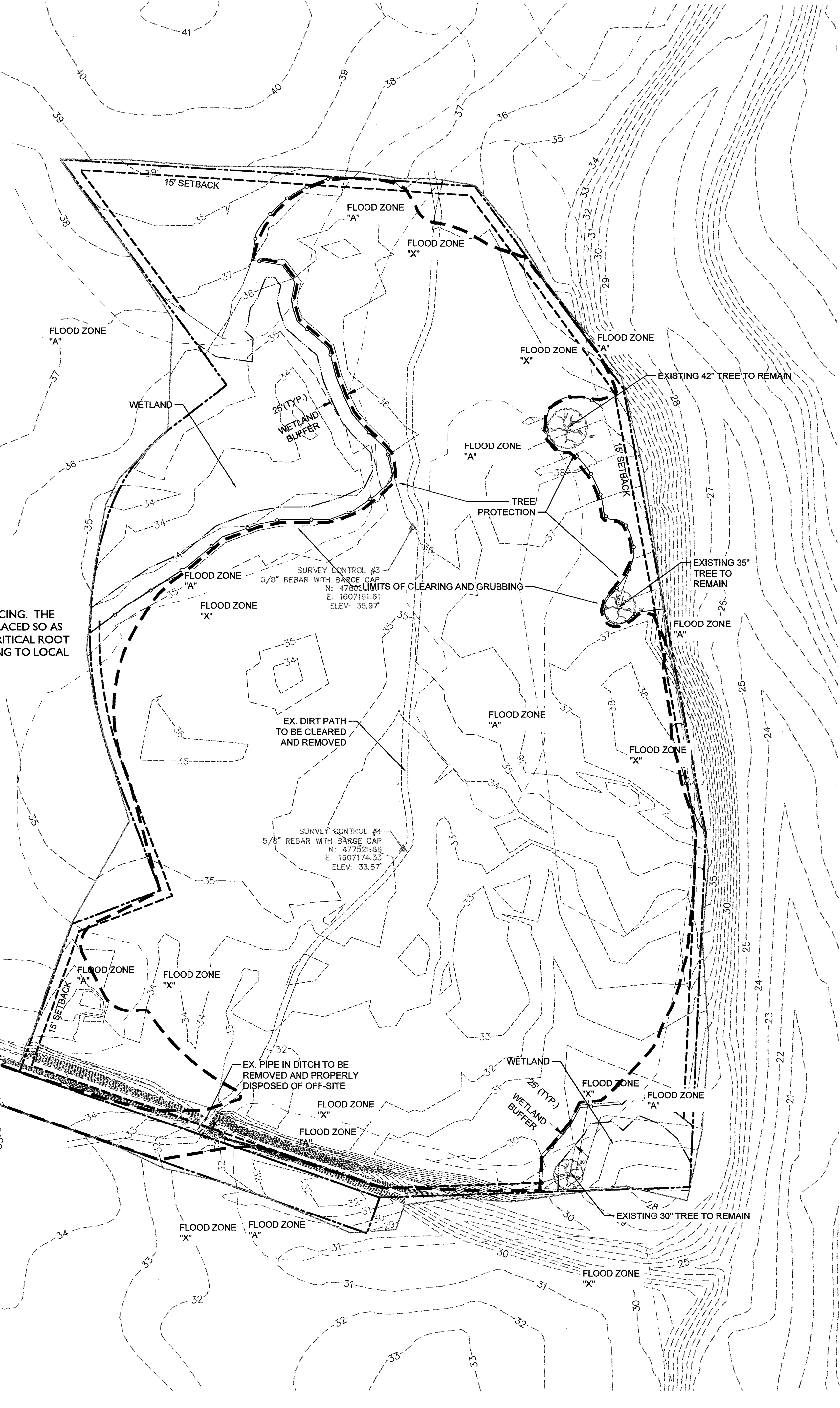
1. ALL TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO AND MAINTAINED THROUGHOUT THE LAND DISTURBING AND CONSTRUCTION PROCESS AND NOT BE REMOVED UNTIL FINAL USE AND OCCUPANCY IS ISSUED FOR THE PROJECT.
2. TREE PROTECTION FENCING SHALL BE IN ACCORDANCE WITH TREE PROTECTION FENCING DETAILS.
3. THE TREE PROTECTION AREA SHALL INCLUDE NO LESS THAN THE TOTAL AREA BENEATH THE TREE CANOPY AS DEFINED BY THE DRIFLINE OF THE TREES.
4. PROHIBITED ACTIVITIES WITHIN A TREE PROTECTION AREA INCLUDE, BUT ARE NOT LIMITED TO, PARKING, MATERIALS STORAGE, CONCRETE WASHOUT, TEMPORARY TOILET, SOIL COMPACTION AND PLACING OF WASTE MATERIAL.
5. ROOT DISTURBANCE DUE TO CUTS OR FILL SHALL NOT BE ALLOWED WITHIN A TREE PROTECTION AREA. ALL EXPOSED ROOTS ONE INCH AND GREATER IN DIAMETER AT THE EDGE OF THE TREE PROTECTION AREA SHALL BE PRUNED WITH A CLEAN CUT FLUSH TO SOIL EDGE.
6. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED IN A MANNER DESIGNED TO PREVENT THE ACCUMULATION OF SEDIMENT WITHIN A TREE PROTECTION AREA.
7. CONTRACTOR SHALL STAKE, FLAG & OR MARK ALL TREE PROTECTION FENCE LOCATIONS & OBTAIN APPROVAL OF LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
8. A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED ON SITE TO EXPLAIN AND EDUCATE ALL CONSTRUCTION SUPERVISORS AND CONTRACTOR REPRESENTATIVES ABOUT THE TREE PROTECTION REQUIREMENTS.
9. TREES DAMAGED OR LOST DUE TO CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE REPLACED WITH REPLACEMENT TREE OR TREES EQUAL TO THE APPROVED VALUE OF THE TREES LOST. TREE VALUE TO BE DETERMINED FROM APPRAISAL BY A MUTUALLY APPROVED THIRD PARTY ARBORIST.
10. UNDERSTORY TREES & UNDERBRUSH TO BE REMOVED IN CLOSE PROXIMITY TO TREE SAVE AREAS SHALL NOT BE REMOVED WITH HEAVY EQUIPMENT. TREES ARE TO BE CAREFULLY REMOVED BY HAND OR CHAINSAWS IF NEEDED AND STUMPS GROUND TO A MIN. OF 6" BELOW ADJACENT GRADE.
11. FALLING TREES ARE TO BE DIRECTED AWAY FROM TREES TO BE PRESERVED AND CAREFULLY REMOVED AS TO NOT DAMAGE OR ERODE ROOTS OF TREES BEING PRESERVED.
12. ROOT PRUNING SHALL BE PERFORMED AT ALL TREE ROOTS OF TREES TO REMAIN, ADJACENT TO EXCAVATION OPERATIONS. ROOT PRUNING SHALL BE COMPLETED PRIOR TO CLEARING OPERATIONS COMMENCING. CONTRACTOR TO MARK AREAS ON GROUND FOR APPROVAL BY LANDSCAPE ARCHITECT OR ARBORIST. MAKE CLEAN CUT WITH CHAIN TRENCHER AT LEAST 3" DEEP AND IMMEDIATELY BACKFILL WITH EXCAVATION MATERIAL, MIXED WITH AN APPROVED LIQUID STIMULATOR. CONTRACTOR TO VERIFY LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF ROOT PRUNING.
13. ALL REMAINING TREES SHALL BE TREATED WITH AN APPROVED LIQUID ROOT OR SYSTEMATIC FERTILIZER.
14. NO WIRES, NAILS, OR OTHER MATERIALS MAY BE ATTACHED TO PROTECTED TREES.
15. ALL REMAINING TREES LOCATED ALONG THE PERIMETER OF THE TREE PROTECTION ZONE AREA SHALL BE PRUNED AS DIRECTED BY ARBORIST IN THE FIELD.
16. CONTRACTOR IS REQUIRED TO MAINTAIN PRESERVED TREES (WATERING, FERTILIZING, AND PRESERVATION OF TREE PROTECTION FENCING) THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
17. UNAUTHORIZED TREE REMOVAL IS SUBJECT TO REPLACEMENT EQUAL TO THE APPRAISED VALUE OF TREE LOST. APPRAISAL SHALL BE PERFORMED BY A MUTUALLY APPROVED THIRD PARTY ARBORIST.

**RECEIVED**  
JUN 07 2023  
BAY COUNTY  
PLANNING AND ZONING



- NOTES:**
1. A= INCHES OF DIAMETER 4.5' ABOVE GRADE OF PROTECTED TREE
  2. CRZ=CRITICAL ROOT ZONE
  3. THE AREA SURROUNDING A TREE WITHIN A CIRCLE DESCRIBED BY A RADIUS OF ONE FOOT FOR EACH INCH OF THE TREE'S DIAMETER AT 4.5' ABOVE GRADE
  4. B MIN=75 % OF B AREA

**1 TREE PROTECTION FENCING DETAIL**  
C0.41 N.T.S.



**LEGEND**

- EXISTING TREE
- LIMITS OF CLEARING/GRUBBING
- PROPERTY LINE
- TREE PROTECTION FENCING (SEE DETAIL 1/SHEET C0.41)
- DELINEATED WETLAND
- FLOOD ZONE
- MAJOR CONTOURS
- MINOR CONTOURS
- GIS CONTOURS

**BAY COUNTY NOTES**

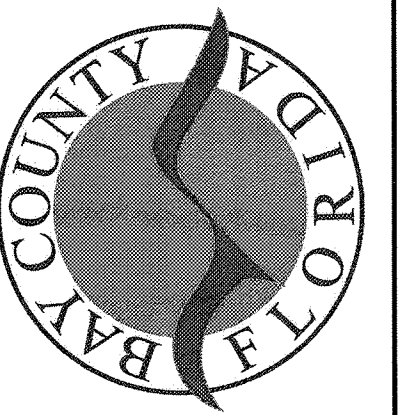
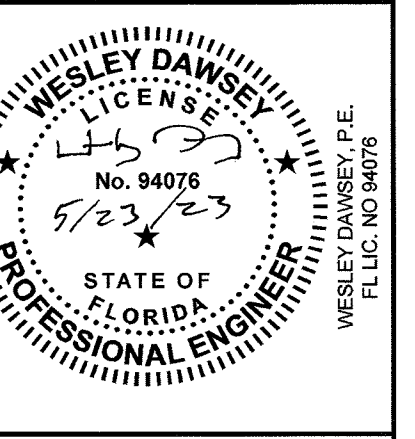
1. UNLAWFUL DISPOSAL OF WASTE FAILURE TO DELIVER WASTE: IT IS UNLAWFUL FOR ANY PERSON TO DUMP, LEAVE OR BURY ANY SOLID WASTE ON PUBLIC OR PRIVATE PROPERTY. FAILURE TO DISPOSE OF SOLID WASTE AS SPECIFIED IN SECTION 22-149 OF BAY COUNTY MUNICIPAL CODE OF ORDINANCES IS PUNISHABLE UNDER SECTION 1-6
2. THE DEVELOPER OF DEVELOPERS DESIGNATED AGENT MUST NOTIFY BAY COUNTY PUBLIC WORKS (JIM FAULKNER 850-248-8301 - JFAULKNER@BAYCOUNTYFL.GOV) AT LEAST 48-HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION, INCLUDING LAND CLEARING OPERATIONS. A COPY OF NOTICE OF INTENT TO USE NPDES GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES WILL NEED TO BE PROVIDED TO PUBLIC WORKS ENGINEERING DIVISION.

APPROVED AS NOTED  
Ok Ans 6/22/23  
Bay County, FL  
Planning Division

SCALE: 1 INCH = 100 FEET

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P.O. BOX 122000  
PANAMA CITY, FL 32412

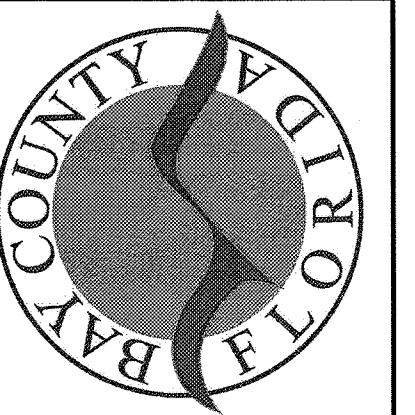
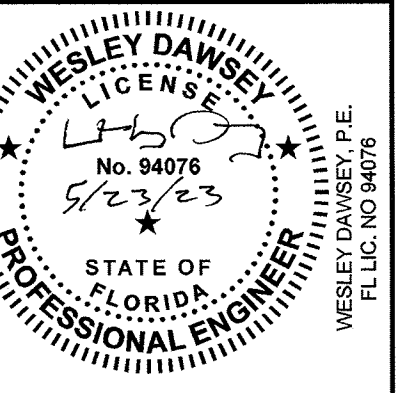


**SITE CLEARING AND DEMOLITION PLAN**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

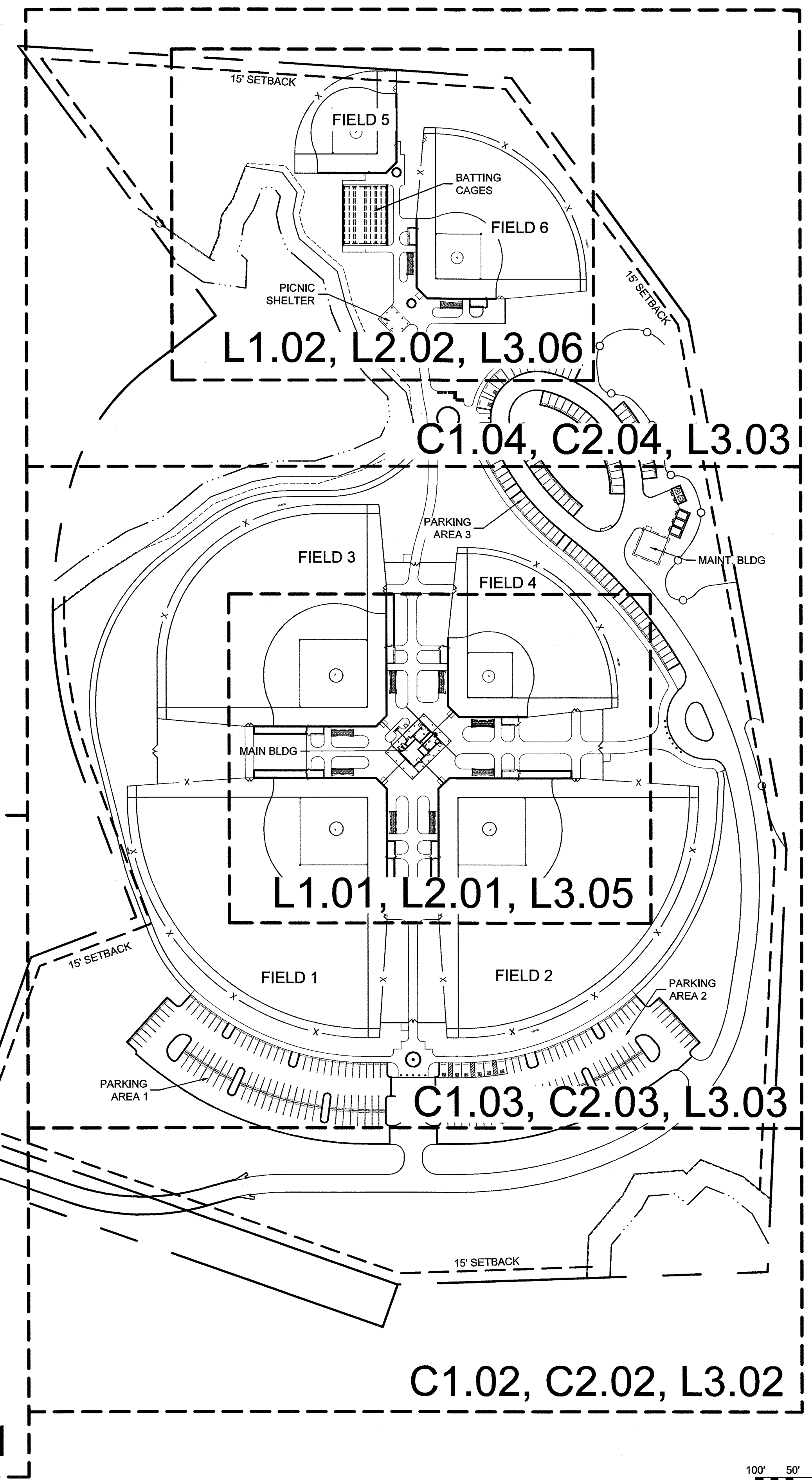
REV.	DATE	DESCRIPTION
A	05/10/2022	60% REVIEW
B	07/07/2022	60% REVIEW
C	07/26/2022	ISSUE FOR PERMIT
D	08/09/2022	REVISED PER COUNTY COMMENTS

**C0.41**

37237-01



OVERALL SITE KEY PLAN  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL



**RECEIVED**  
JUN 07 2023  
BAY COUNTY  
PLANNING AND ZONING

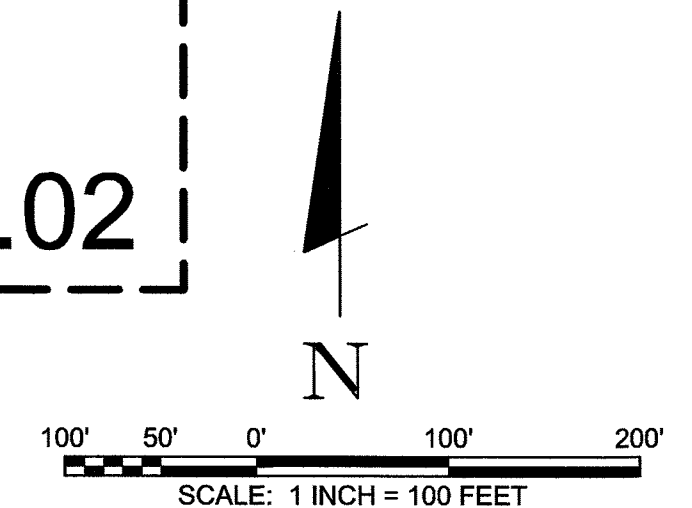
**SITE AREA DATA**

SITE AREA	32.95 AC
DISTURBED AREA	24.60 AC
IMPERVIOUS AREA	217,800 SF (5.0 AC)
IMPERVIOUS SURFACE RATIO	1:4.92
PERVIOUS AREA	
LANDSCAPE AREA	771,574 SF (17.7 AC)
PERMEABLE PAVEMENT AREA	82,202 SF (1.89 AC)

**SITE DEVELOPMENT DATA**

ZONING	MIXED USE (MLU)
SITE AREA	32.95 AC
BUILDING SETBACK	
FRONT (MUSIC SQUARE)	15'
SIDE (16TH)	15'
REAR	15'
BUILDING HEIGHT	
MAINTENANCE BLDG	SEE A-SHEETS (40' MAX)
CONCESSION BLDG	SEE A-SHEETS (40' MAX)
GROSS FLOOR AREA	
MAINTENANCE BLDG	1,190 SF
CONCESSION BLDG	1,550 SF
FLOOR AREA RATIO	
MAINTENANCE BLDG	300 SF/ OCCUPANT
CONCESSION BLDG	150 SF/ OCCUPANT
PARKING	
TOTAL	280 SPACES
REGULAR	272 SPACES
ADA	8 SPACES
ITE LAND USE CODE	488 (SOCCER COMPLEX)
PROPOSED TRIPS	300

*P22-243*  
**APPROVED AS NOTED**  
*OK WMS 4/22/23*  
Bay County, FL  
Planning Division

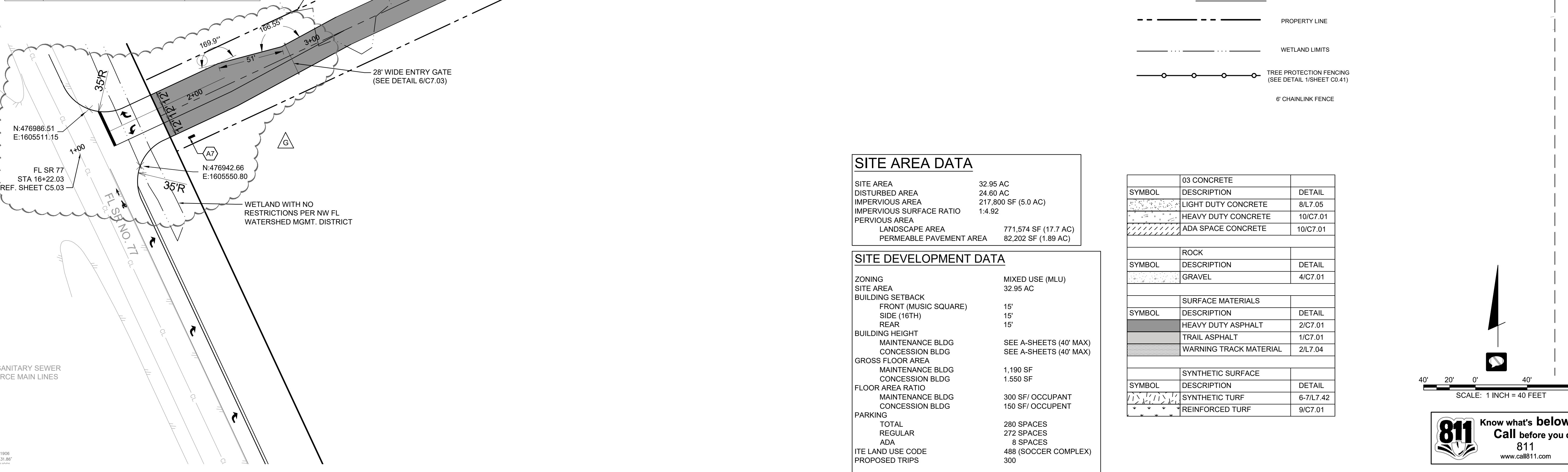


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REV	DATE	DESCRIPTION
A	05/10/2022	05% REVIEW
B	07/01/2022	05% REVIEW
C	07/01/2022	ISSUE FOR PERMIT
D	12/16/2022	ISSUE FOR PERMIT

**C1.00**  
37237-01

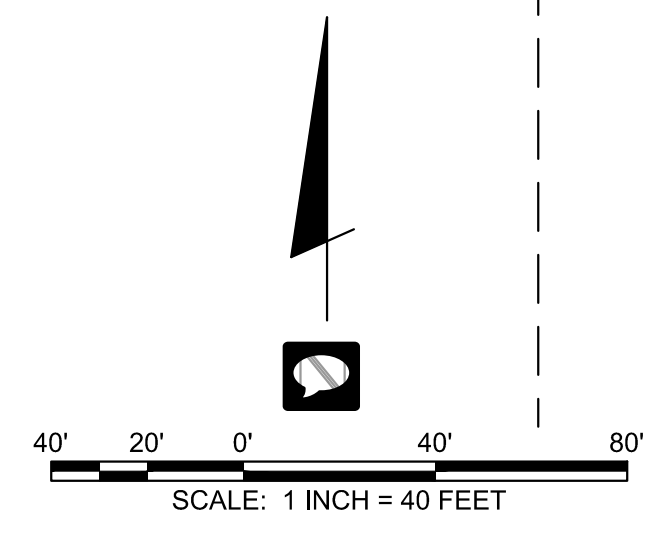
VEHICULAR CIRCULATION		DETAIL
C1	ENTRY DRIVE	2/C7.01
C2	ADA ACCESSIBLE DROP OFF	4/C7.01 & 5/C7.03
C3	FIRE ACCESS DRIVE	10/C7.01
C4	MAINTENANCE AREA	1/C7.06
C5	ACCESSIBLE PARKING	4/C7.03
C6	ACCESSIBLE RAMP	5/C7.03
C7	EXTRUDED CURB	6/C7.01
C8	FLUSH CURB	8/C7.01
C9	REMOVABLE BOLLARD	1/C7.01
C10	WHEEL STOP (TYP)	5/C7.03
C11	STOP SIGN	3/C7.03
C12	STOP BAR	3/C7.03
C13	MOUNTABLE EXTRUDED CURB	7/C7.01
C14	ACCESSIBLE PARKING SIGN	4/C7.03
C15	CURB OPENING	10/C7.02
PEDESTRIAN CIRCULATION		DETAIL
P1	PED. WALK	8/L7.05
P2	PED. WALK W/ 6" TURN DOWN CURB	1A/L7.05
P3	PED. WALK FLUSH TURN DOWN CURB	1B/L7.05
P4	TRAIL	6 & 7/L7.05
AMENITIES, STRUCTURES, & WALLS		DETAIL
A1	DUGOUT	1&2/L7.02
A2	SHADE STRUCTURE	1A/L7.01
A3	BATTING CAGES	1A/L7.01
A4	BULLPEN	5/L7.04
A5	SCOREBOARD	1A/L7.01
A6	SEAT WALL	1A/L7.01
A7	ENTRY SIGNAGE FEATURE	1A/L7.01
A8	FLAG POLE	2/L7.05
A9	MATERIAL STORAGE BINS	1, 3 & 6/L7.06
A10	DUMPSTER ENCLOSURE	2, 4 & 5/L7.06
A11	GRILL AREA	NONE
A12	LANDSCAPE PLANTING	NONE
FENCING & GATES		DETAIL
F1	DOUBLE SWING BAR GATE	6/C7.03
F2	CHAIN LINK MAIN GATE (4' WIDE)	1/L7.02
F3	CHAIN LINK GATE (12' WIDE)	3/L7.04
F4	CHAIN LINK OUTFIELD FENCE (6' HT.)	2/L7.04
F5	CHAIN LINK BACK STOP	1, 2, 3 & 4/L7.03
SITE FURNISHINGS		DETAIL
SF1	BENCHES	1A/L7.01 & 5/L7.05
SF2	TABLES AND CHAIRS	1A/L7.01
SF3	TRASH RECEPTACLES	1A/L7.01 & 4/L7.05
SF4	BIKE RACKS	1A/L7.01 & 3/L7.05
SF5	BLEACHERS	1A/L7.01
SF6	SCORER'S TABLE	1A/L7.01



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FLOOR AREA RATIO	
MAINTENANCE BLDG	300 SF/ OCCUPANT
CONCESSION BLDG	150 SF/ OCCUPANT
PARKING	
TOTAL	280 SPACES
REGULAR	272 SPACES
ADA	8 SPACES
ITE LAND USE CODE	488 (SOCCER COMPLEX)
PROPOSED TRIPS	300

CONCRETE		
SYMBOL	DESCRIPTION	DETAIL
[Symbol]	LIGHT DUTY CONCRETE	8/L7.05
[Symbol]	HEAVY DUTY CONCRETE	10/C7.01
[Symbol]	ADA SPACE CONCRETE	10/C7.01
ROCK		
SYMBOL	DESCRIPTION	DETAIL
[Symbol]	GRAVEL	4/C7.01
SURFACE MATERIALS		
SYMBOL	DESCRIPTION	DETAIL
[Symbol]	HEAVY DUTY ASPHALT	2/C7.01
[Symbol]	TRAIL ASPHALT	1/C7.01
[Symbol]	WARNING TRACK MATERIAL	2/L7.04
SYNTHETIC SURFACE		
SYMBOL	DESCRIPTION	DETAIL
[Symbol]	SYNTHETIC TURF	6-7/L7.42
[Symbol]	REINFORCED TURF	9/C7.01



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**FLORIDA**  
No. 94076  
REGISTERED PROFESSIONAL ENGINEER  
FLORIDA LICENSE NO. 94076

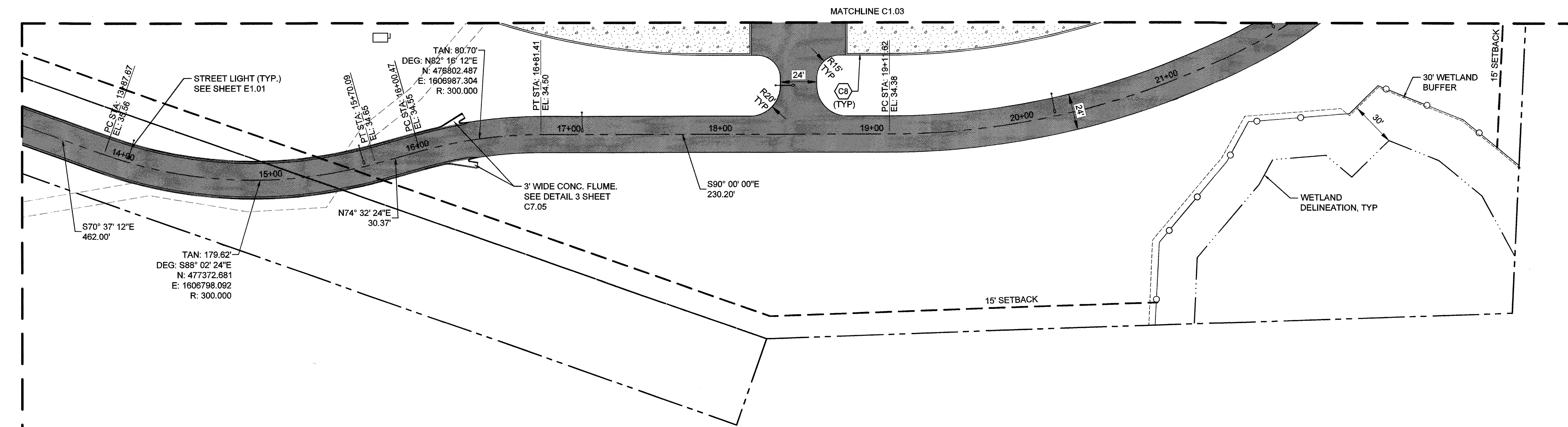
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**SITE LAYOUT PLAN**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

REV.	OR.	CHK.	DATE	DESCRIPTION
A	HB	0KH	05/10/2022	60% REVIEW
B	HB	WJD	06/25/2022	ISSUED FOR PERMIT
C	HB	WJD	12/19/2022	ISSUED FOR PERMIT
D	HB	WJD	03/30/2023	REVISED PER COUNTY COMMENTS
E	HB	WJD	06/02/2023	REVISED PER DOT COMMENTS
F	HB	WJD	06/02/2023	REVISED PER DOT COMMENTS

**C1.01**  
37237-01

MATCHLINE C1.01



LEGEND

---	PROPERTY LINE
---	WETLAND LIMITS
○-○-○	TREE PROTECTION FENCING (SEE DETAIL 1/SHEET C0.41)
---	6" CHAINLINK FENCE

03 CONCRETE		
SYMBOL	DESCRIPTION	DETAIL
[Symbol]	LIGHT DUTY CONCRETE	8/L7.05
[Symbol]	HEAVY DUTY CONCRETE	10/C7.01
[Symbol]	ADA SPACE CONCRETE	10/C7.01

ROCK		
SYMBOL	DESCRIPTION	DETAIL
[Symbol]	GRAVEL	4/C7.01

SURFACE MATERIALS		
SYMBOL	DESCRIPTION	DETAIL
[Symbol]	HEAVY DUTY ASPHALT	2/C7.01
[Symbol]	TRAIL ASPHALT	1/C7.01
[Symbol]	WARNING TRACK MATERIAL	2/L7.04

SYNTHETIC SURFACE		
SYMBOL	DESCRIPTION	DETAIL
[Symbol]	SYNTHETIC TURF	6-7/L7.42
[Symbol]	REINFORCED TURF	9/C7.01

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C2	ADA ACCESSIBLE DROP OFF	4/C7.01 & 5/C7.03
C3	FIRE ACCESS DRIVE	10/C7.01
C4	MAINTENANCE AREA	1/C7.06
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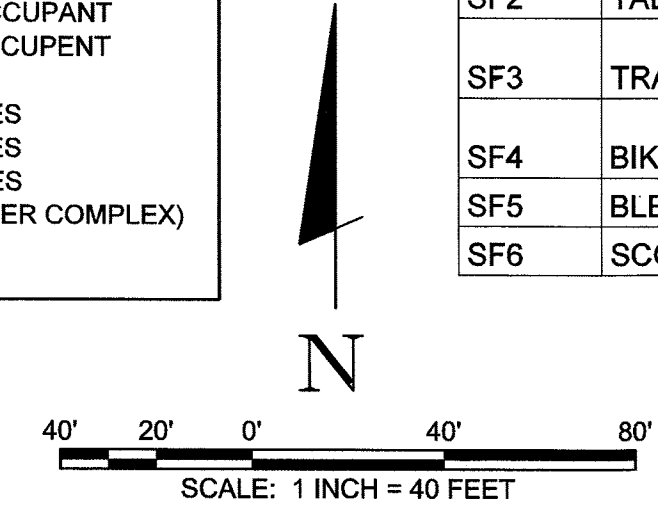
AMENITIES, STRUCTURES, & WALLS		DETAIL
A1	DUGOUT	1&2/L7.02
A2	SHADE STRUCTURE	1A/L7.01
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A6	SEAT WALL	1A/L7.01
A7	ENTRY SIGNAGE FEATURE	1A/L7.01
A8	FLAG POLE	2/L7.05
A9	MATERIAL STORAGE BINS	1, 3 & 6/L7.06
A10	DUMPSTER ENCLOSURE	2, 4 & 5/L7.06
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A12	LANDSCAPE PLANTING	NONE

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F3	CHAIN LINK GATE (12' WIDE)	3/L7.04
F4	CHAIN LINK OUTFIELD FENCE (6' HT.)	2/L7.04
F5	CHAIN LINK BACK STOP	1, 2, 3 & 4/L7.03

SITE FURNISHINGS		DETAIL
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SF2	TABLES AND CHAIRS	1A/L7.01
SF3	TRASH RECEPTACLES	1A/L7.01 & 4/L7.05
SF4	BIKE RACKS	1A/L7.01 & 3/L7.06
SF5	BLEACHERS	1A/L7.01 4/22/23
SF6	SCORER'S TABLE	1A/L7.01

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CONCESSION BLDG	150 SF/ OCCUPANT
PARKING	
TOTAL	280 SPACES
REGULAR	272 SPACES
ADA	8 SPACES
ITE LAND USE CODE	488 (SOCCER COMPLEX)
PROPOSED TRIPS	300

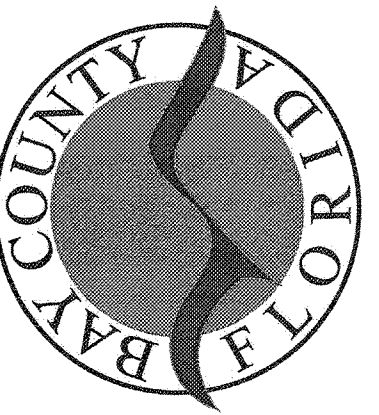


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Bay County, FL  
Planning Division

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SITE LAYOUT PLAN

SITE IMPROVEMENTS FOR

SOUTHPORT SPORTS COMPLEX

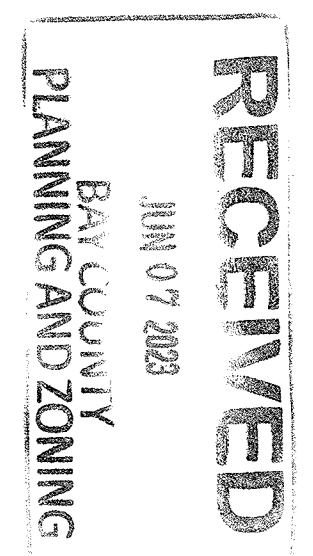
BAY COUNTY, FL

REV.	CHK.	DATE	DESCRIPTION
A	HB	05/10/2022	60% REVIEW
B	HB	07/19/2022	90% REVIEW
C	HB	12/19/2022	ISSUE FOR PERMIT
D	HB	03/20/2023	REVISED PER COUNTY COMMENTS
E	HB		

C1.02

37237-01

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SAVED:4/6/2023  
PLOTTED:4/6/2023



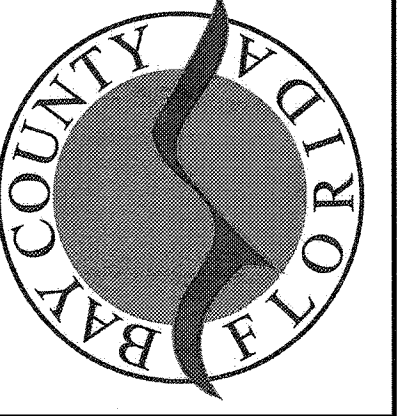
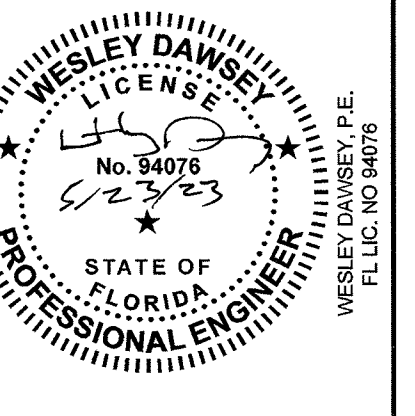
**BARGE**  
DESIGN SOLUTIONS

840 Hamilton Avenue / Suite 105 / Panama City, Florida 32401  
PHONE: (904) 298-1121  
FAX: (904) 298-1121

WESTLEY DAWSON  
No. 94076  
7/23/23  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
WESTLEY DAWSON P.E.  
ELECT. NO. 94076



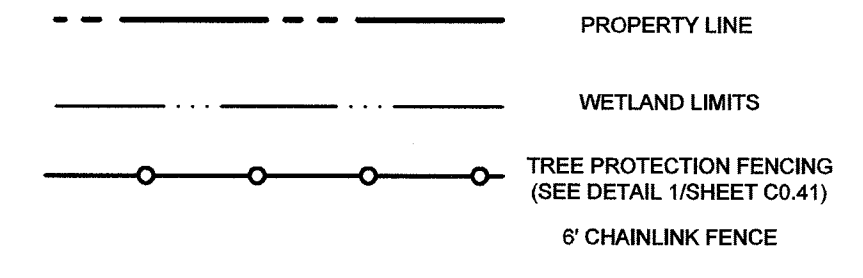




**SITE LAYOUT PLAN**  
SITE IMPROVEMENTS FOR  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

- NOTE:**
- SEE SHEET L7.01 AND L7.01A FOR FIELD LAYOUT.
  - SEE SHEET L1.02 FOR DETAILED PLAZA LAYOUT INFORMATION

**LEGEND**



SYMBOL	DESCRIPTION	DETAIL
[Symbol]	03 CONCRETE	
[Symbol]	LIGHT DUTY CONCRETE	8/L7.05
[Symbol]	HEAVY DUTY CONCRETE	10/C7.01
[Symbol]	ADA SPACE CONCRETE	10/C7.01
[Symbol]	ROCK	
[Symbol]	GRAVEL	4/C7.01
<b>SURFACE MATERIALS</b>		
SYMBOL	DESCRIPTION	DETAIL
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[Symbol]	TRAIL ASPHALT	1/C7.01
[Symbol]	WARNING TRACK MATERIAL	2/L7.04
<b>SYNTHETIC SURFACE</b>		
SYMBOL	DESCRIPTION	DETAIL
[Symbol]	SYNTHETIC TURF	6-7/L7.42
[Symbol]	REINFORCED TURF	9/C7.01

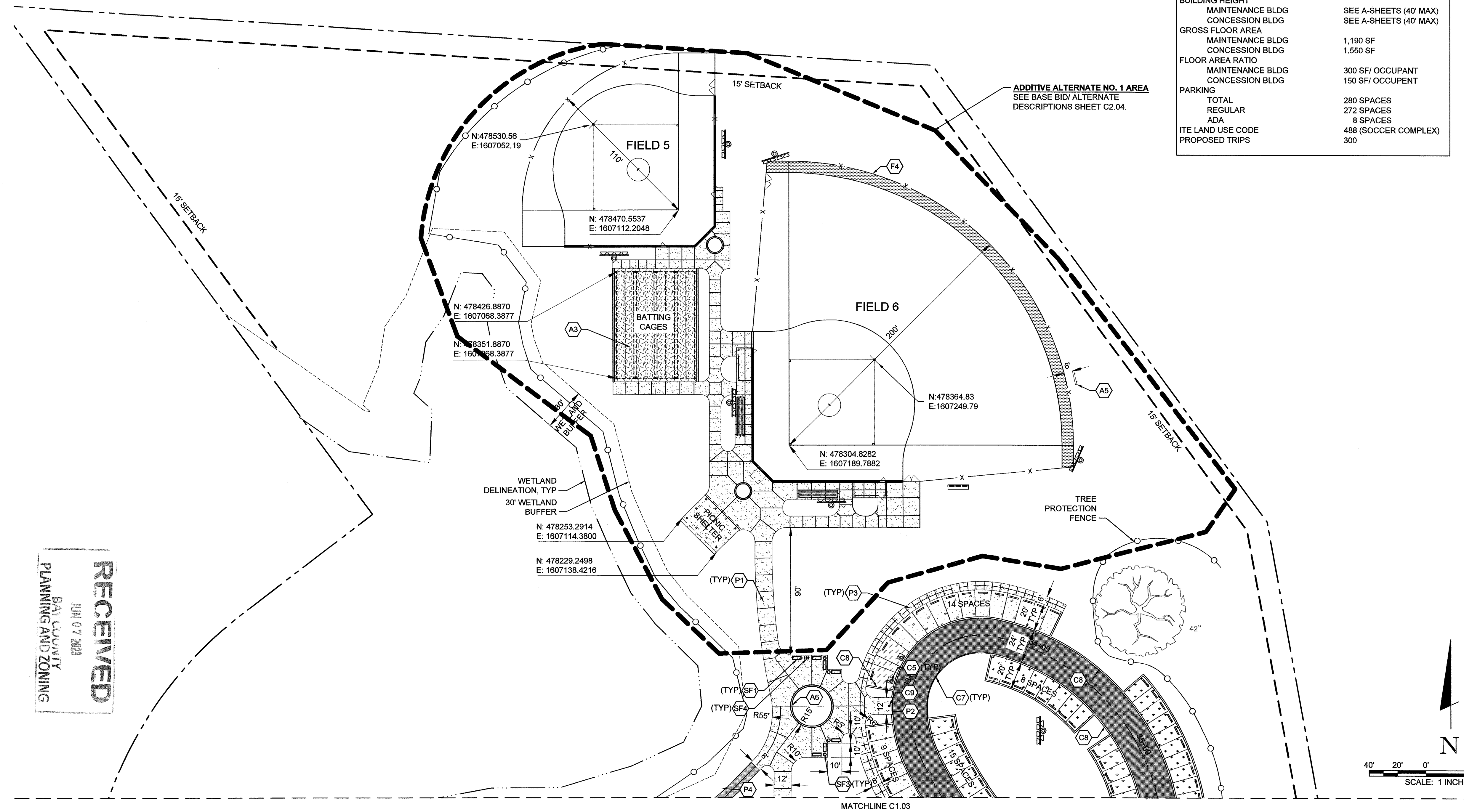
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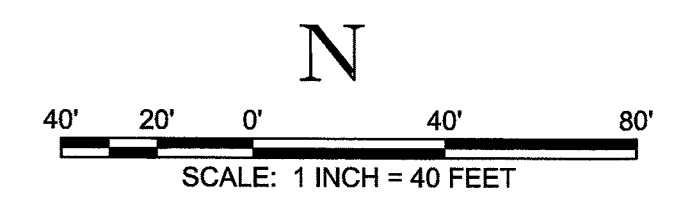
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ADA	8 SPACES
ITE LAND USE CODE	488 (SOCCER COMPLEX)
PROPOSED TRIPS	300

VEHICULAR CIRCULATION		DETAIL
C1	ENTRY DRIVE	2/C7.01
C2	ADA ACCESSIBLE DROP OFF	4/C7.01 & 5/C7.03
C3	FIRE ACCESS DRIVE	10/C7.01
C4	MAINTENANCE AREA	1/C7.06
C5	ACCESSIBLE PARKING	4/C7.03
C6	ACCESSIBLE RAMP	5/C7.03
C7	EXTRUDED CURB	6/C7.01
C8	FLUSH CURB	8/C7.01
C9	REMOVABLE BOLLARD	1/C7.01
C10	WHEEL STOP (TYP)	5/C7.03
C11	STOP SIGN	3/C7.03
C12	STOP BAR	3/C7.03
C13	MOUNTABLE EXTRUDED CURB	7/C7.01
C14	ACCESSIBLE PARKING SIGN	4/C7.03
C15	CURB OPENING	10/C7.02
PEDESTRIAN CIRCULATION		DETAIL
P1	PED. WALK	8/L7.05
P2	PED. WALK W/ 6" TURN DOWN CURB	1A/L7.05
P3	PED. WALK FLUSH TURN DOWN CURB	1B/L7.05
P4	TRAIL	6 & 7/L7.05
AMENITIES, STRUCTURES, & WALLS		DETAIL
A1	DUGOUT	1&2/L7.02
A2	SHADE STRUCTURE	1A/L7.01
A3	BATTING CAGES	1A/L7.01
A4	BULLPEN	5/L7.04
A5	SCOREBOARD	1A/L7.01
A6	SEAT WALL	1A/L7.01
A7	ENTRY SIGNAGE FEATURE	1A/L7.01
A8	FLAG POLE	2/L7.05
A9	MATERIAL STORAGE BINS	1, 3 & 6/L7.06
A10	DUMPSTER ENCLOSURE	2, 4 & 5/L7.06
A11	GRILL AREA	NONE
A12	LANDSCAPE PLANTING	NONE
FENCING & GATES		DETAIL
F1	DOUBLE SWING BAR GATE	6/C7.03
F2	CHAIN LINK MAIN GATE (4' WIDE)	1/L7.02
F3	CHAIN LINK GATE (12' WIDE)	3/L7.04
F4	CHAIN LINK OUTFIELD FENCE (6' HT.)	2/L7.04
F5	CHAIN LINK BACK STOP	1, 2, 3 & 4/L7.03
SITE FURNISHINGS		DETAIL
SF1	BENCHES	1A/L7.01 & 5/L7.05
SF2	TABLES AND CHAIRS	1A/L7.01
SF3	TRASH RECEPTACLES	1A/L7.01 & 4/L7.05
SF4	BIKE RACKS	1A/L7.01 & 3/L7.05
SF5	BLEACHERS	1A/L7.01
SF6	SCORER'S TABLE	1A/L7.01



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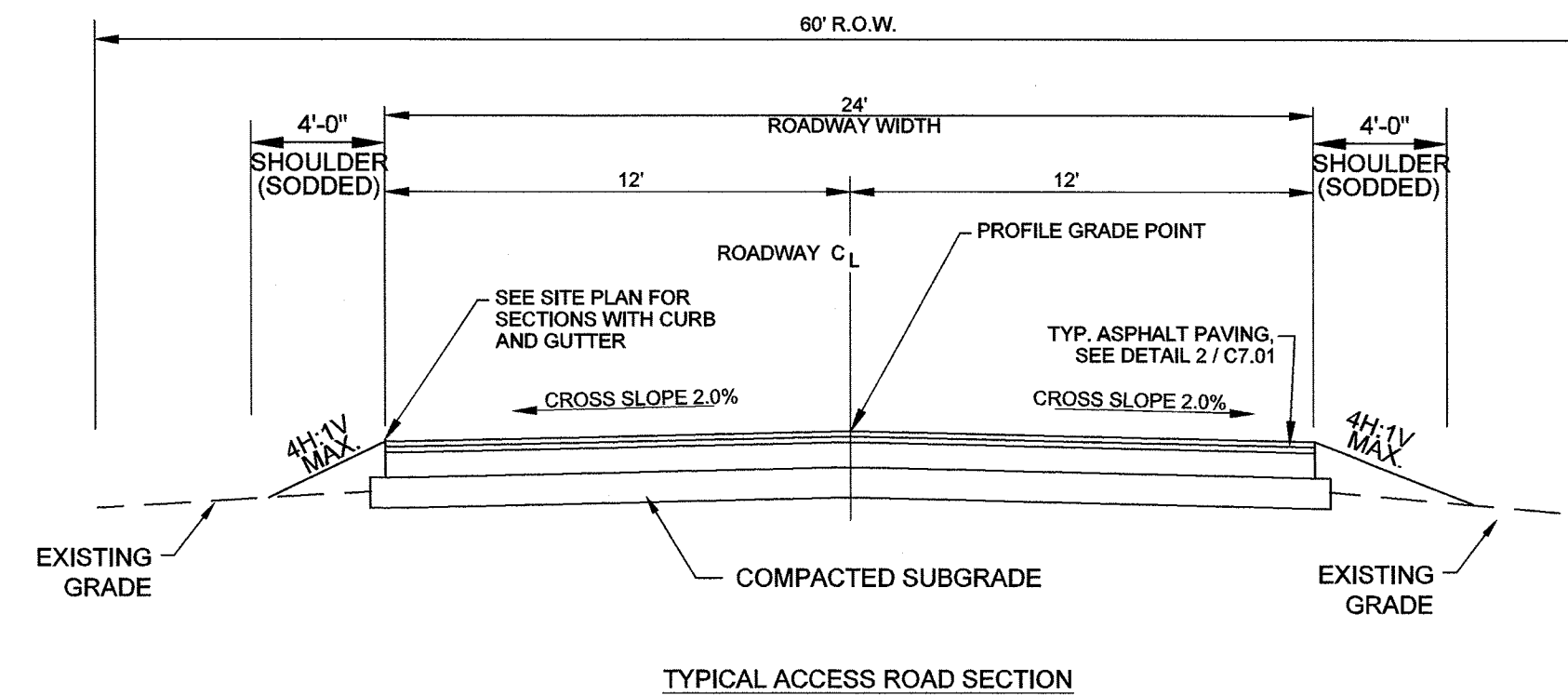
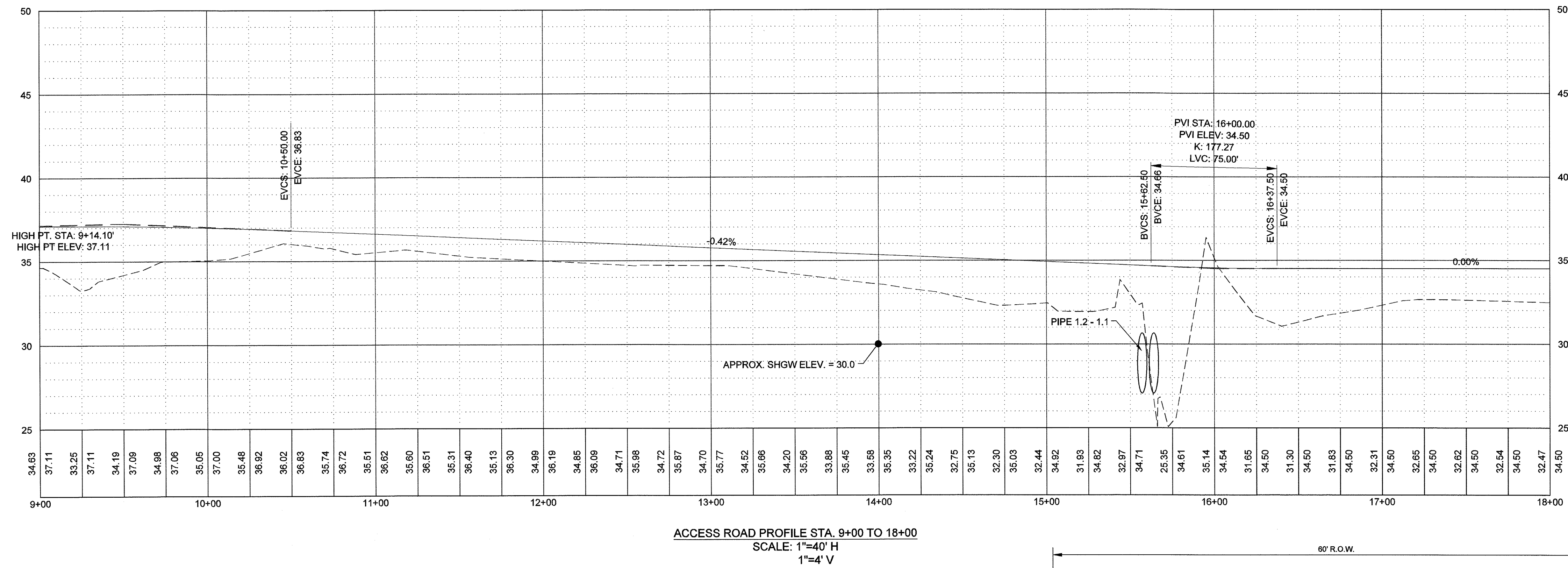
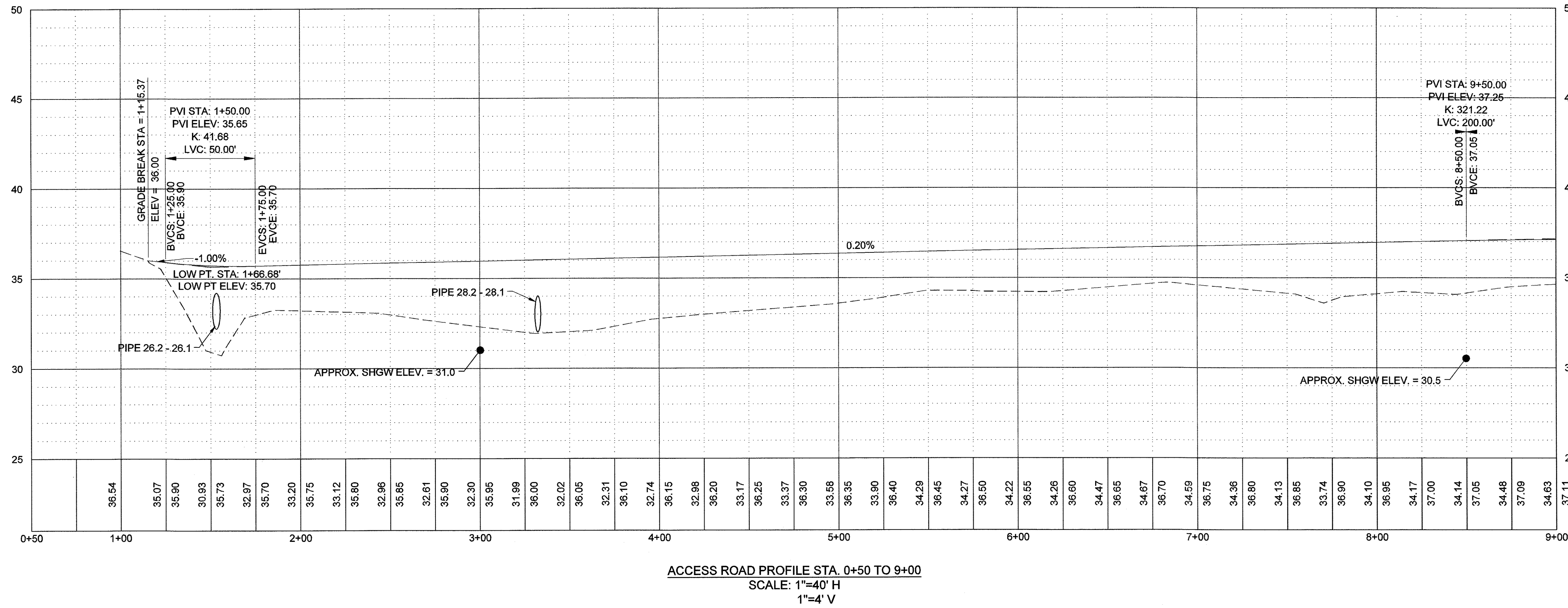
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OK HNS  
6/20/23  
Bay County, FL  
Planning Division



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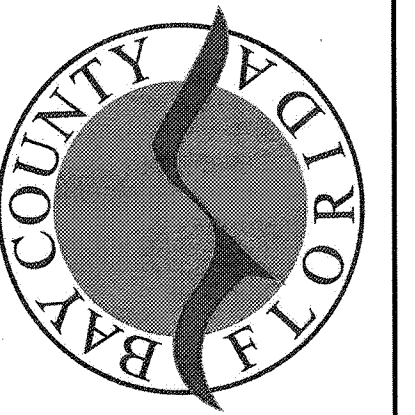
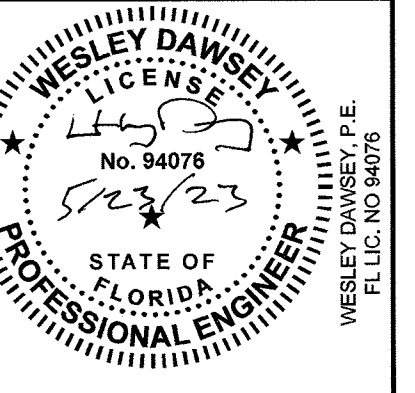
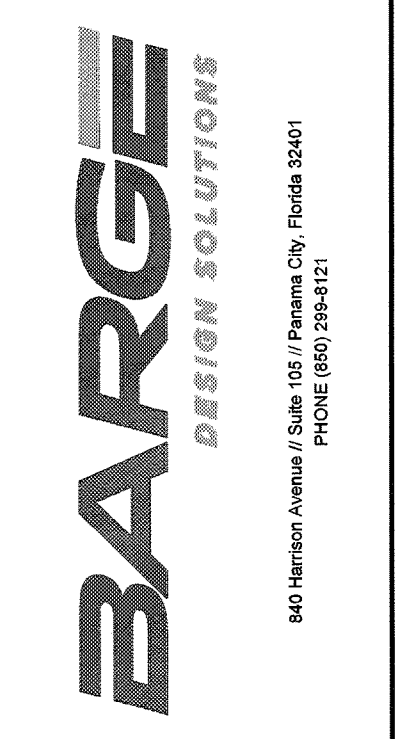
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C	WB	WB	12/15/2022	ISSUE FOR PERMIT
D	WB	WB	03/30/2023	REVISED PER COUNTY COMMENTS
E	WB	WB		

**C1.04**  
37237-01



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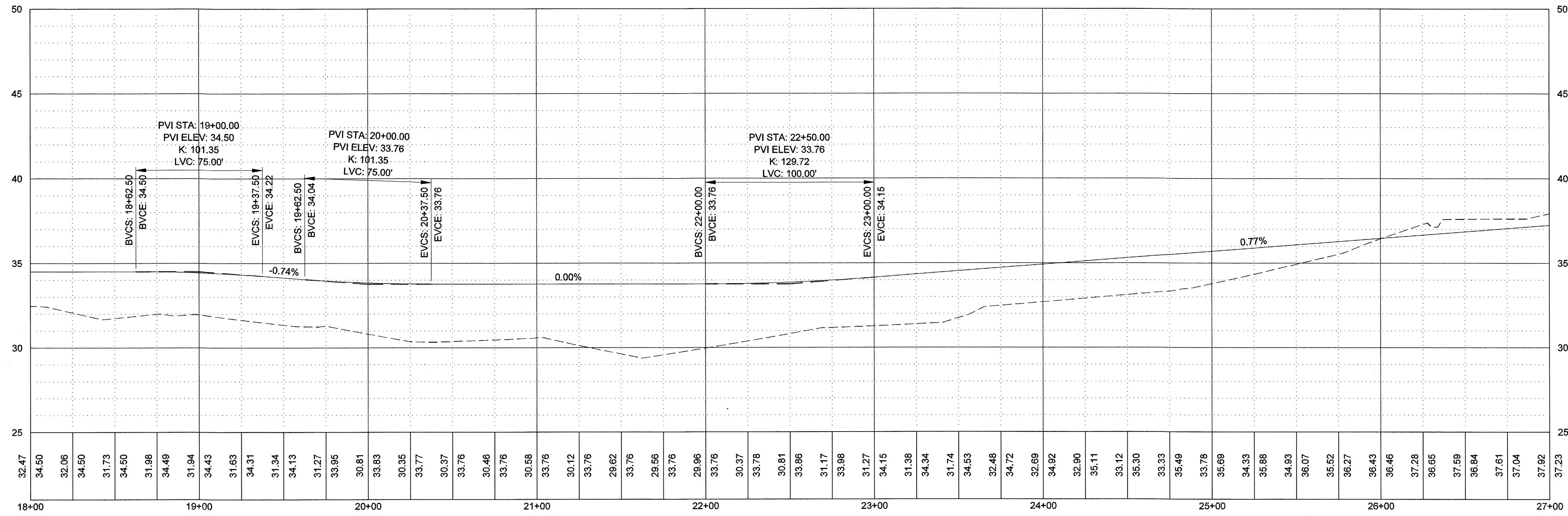
ACCESS ROAD PROFILE  
 SITE IMPROVEMENTS FOR  
 SOUTHPORT SPORTS COMPLEX  
 BAY COUNTY, FL

REV.	DATE	DESCRIPTION
A	05/10/2022	BOX REVIEW
B	07/14/2022	ISSUE FOR PERMIT
C	07/14/2022	ISSUE FOR PERMIT
D	10/20/2023	REVISED PER COUNTY COMMENTS
E	05/19/2023	REVISED PER COUNTY COMMENTS

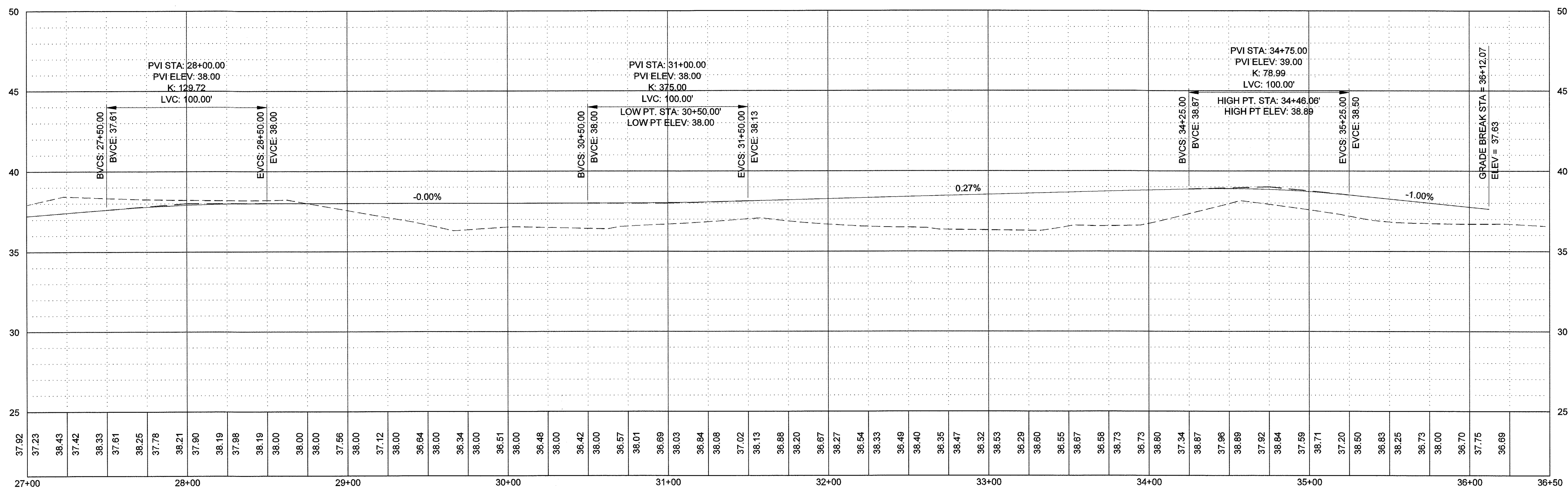
**C1.05**  
 37237-01

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 JUN 07 2023  
 BAY COUNTY  
 PLANNING AND ZONING

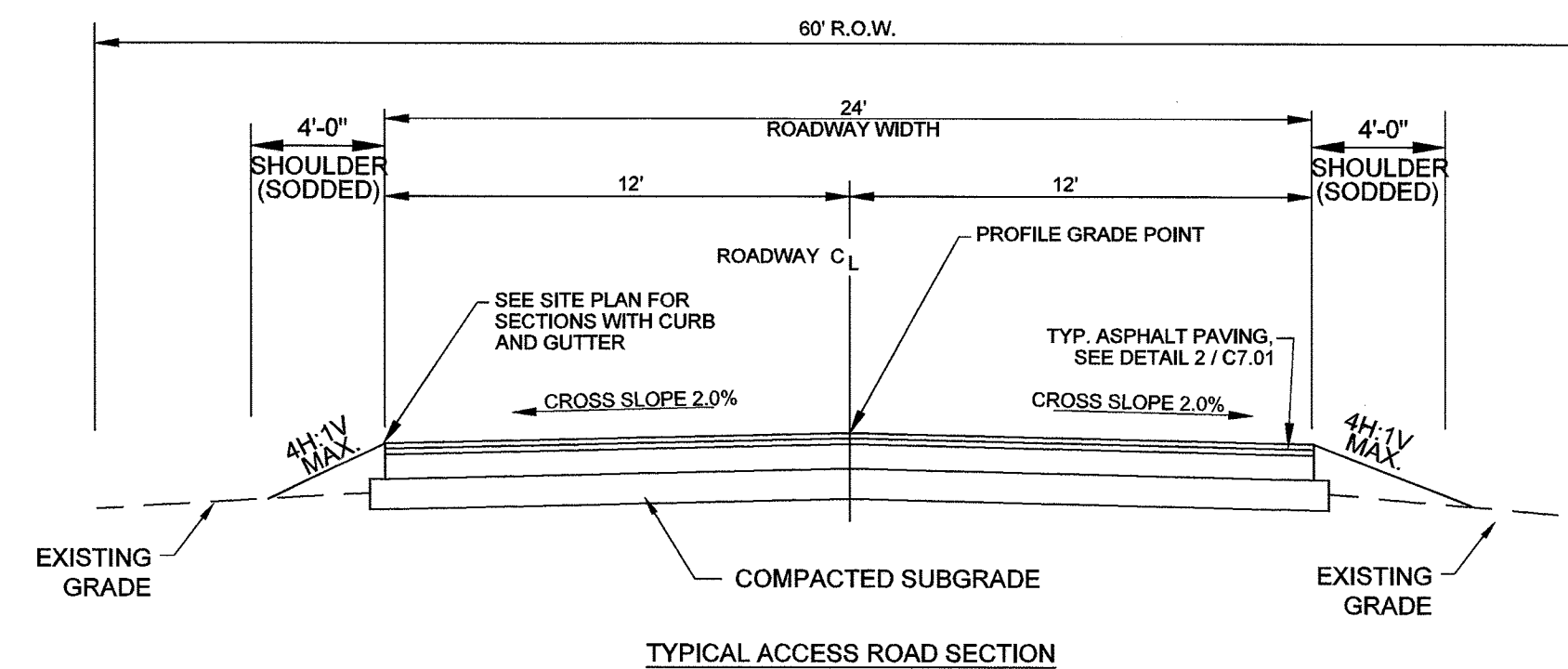
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 SAVER: 4/6/2023  
 PLOTTED: 5/18/2023



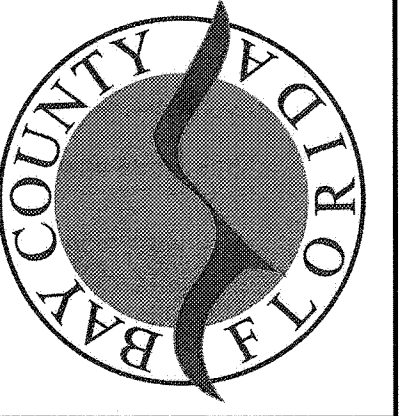
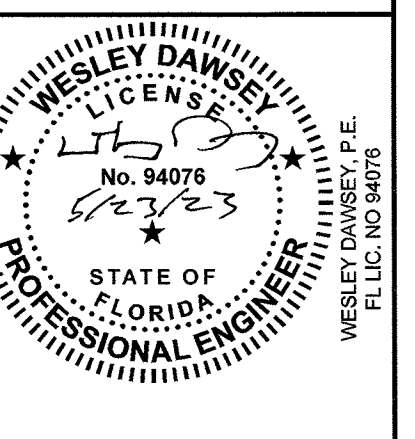
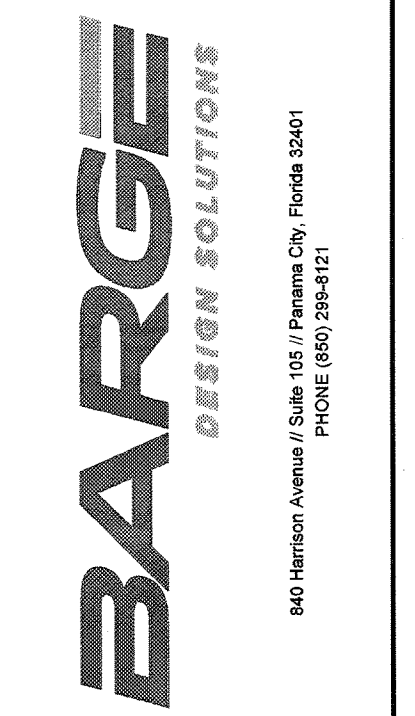
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1"=4' V



ACCESS ROAD PROFILE STA. 27+00 TO 36+50  
SCALE: 1"=40' H  
1"=4' V



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ACCESS ROAD PROFILE  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL

REV.	BY	CHK.	DATE	DESCRIPTION
A	HR	HR	05/10/2022	90% REVIEW
B	HR	HR	07/17/2022	90% REVIEW
C	HR	HR	12/14/2022	ISSUE FOR PERMIT
D	HR	HR	03/02/2023	REVISED PER COUNTY COMMENTS
E	HR	HR	05/16/2023	REVISED PER COUNTY COMMENTS

C1.06  
37237-01

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PLANNING AND ZONING  
MAY 07 2023

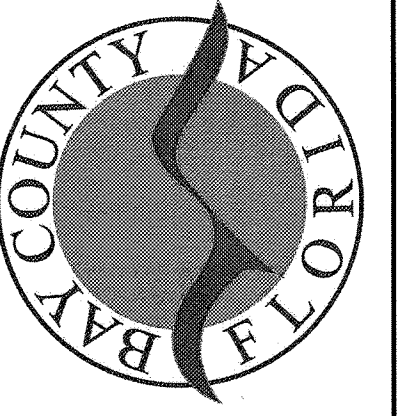
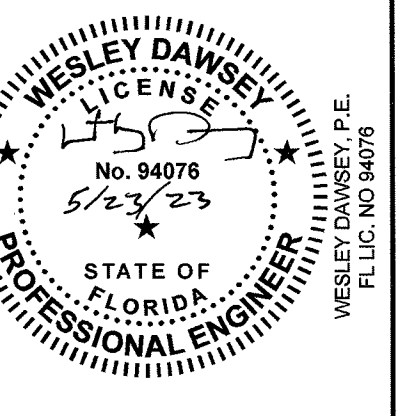
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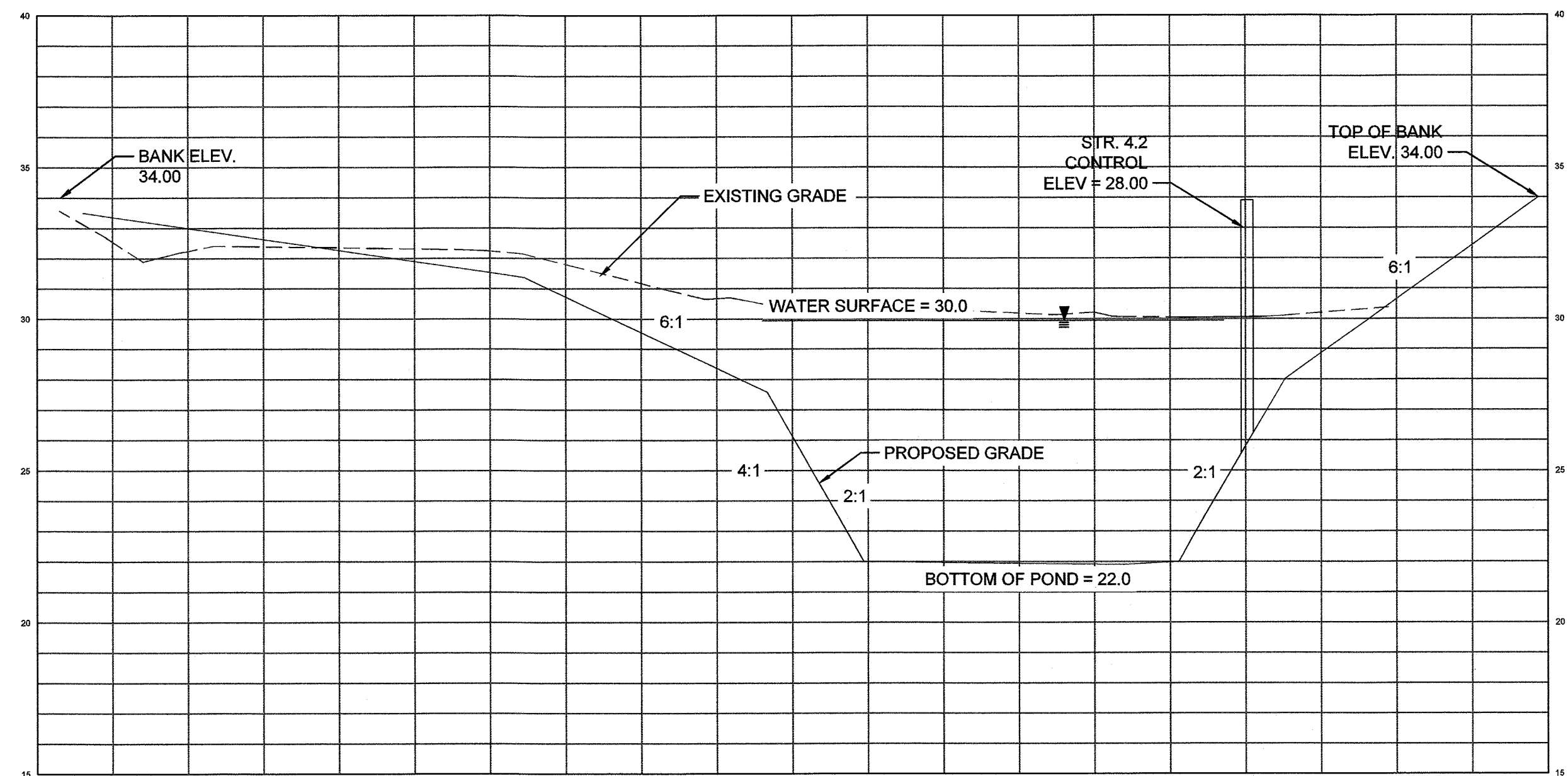




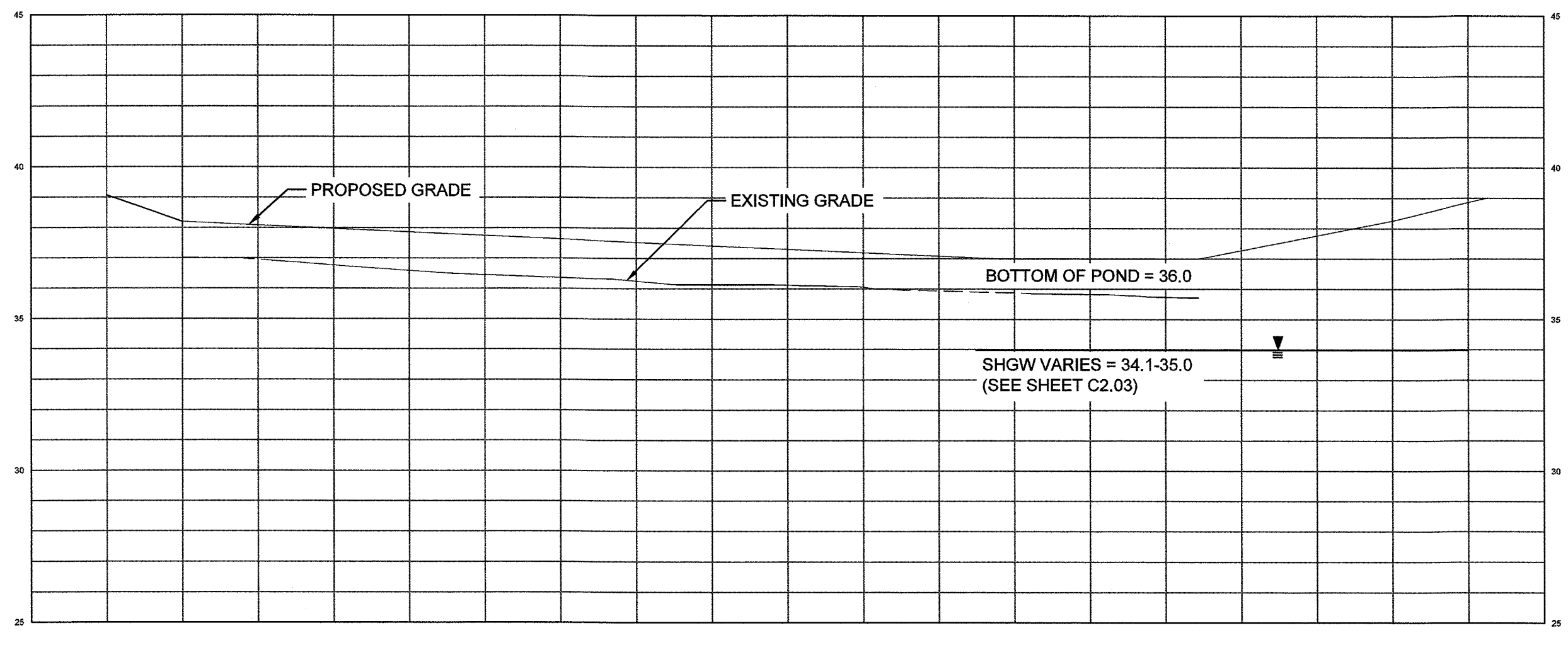




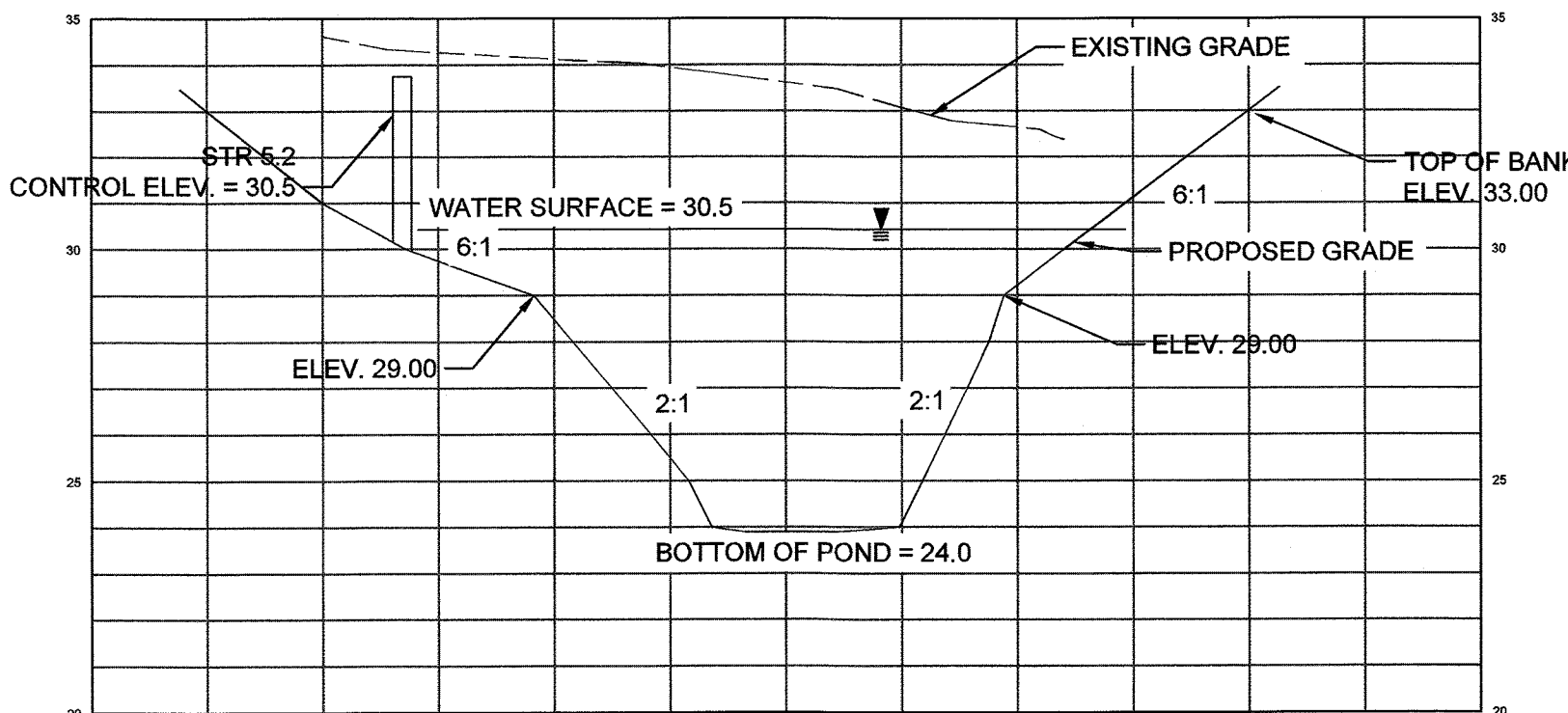
**STORMWATER POND PROFILES**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL



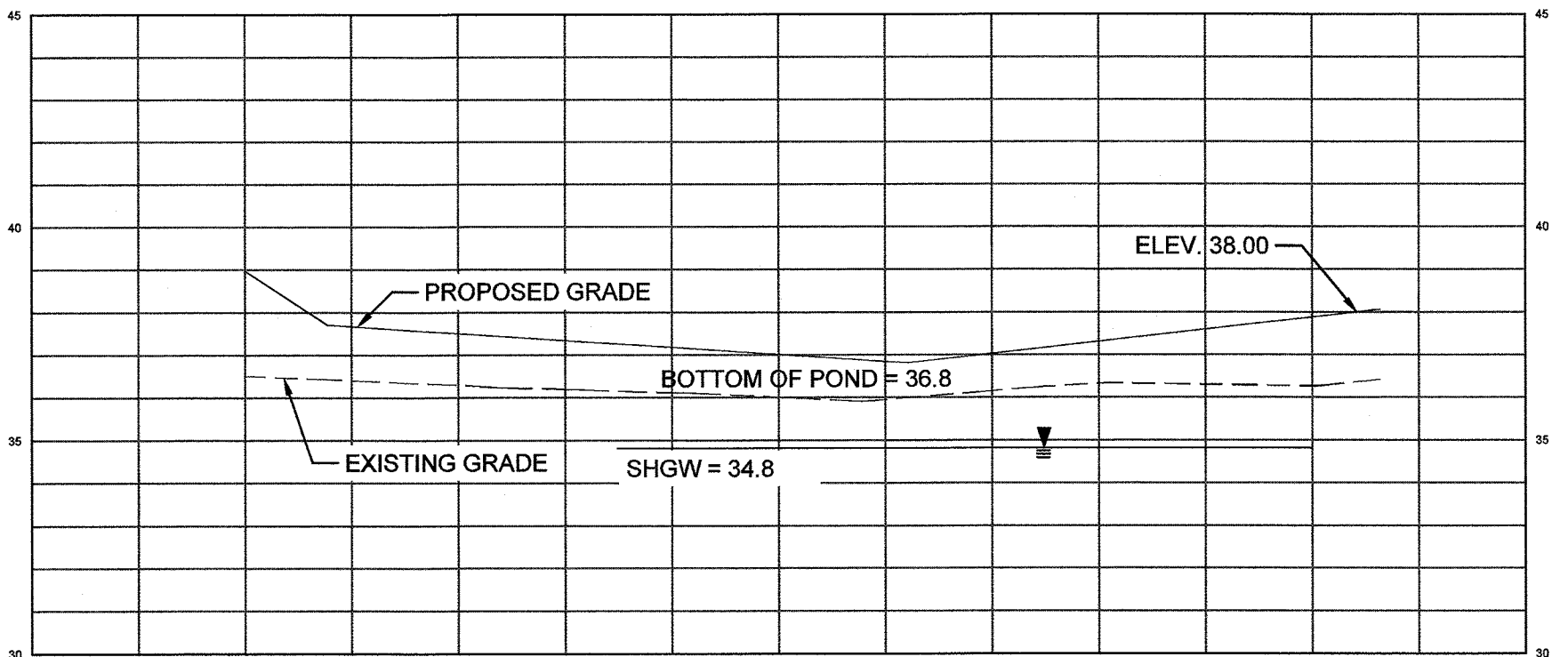
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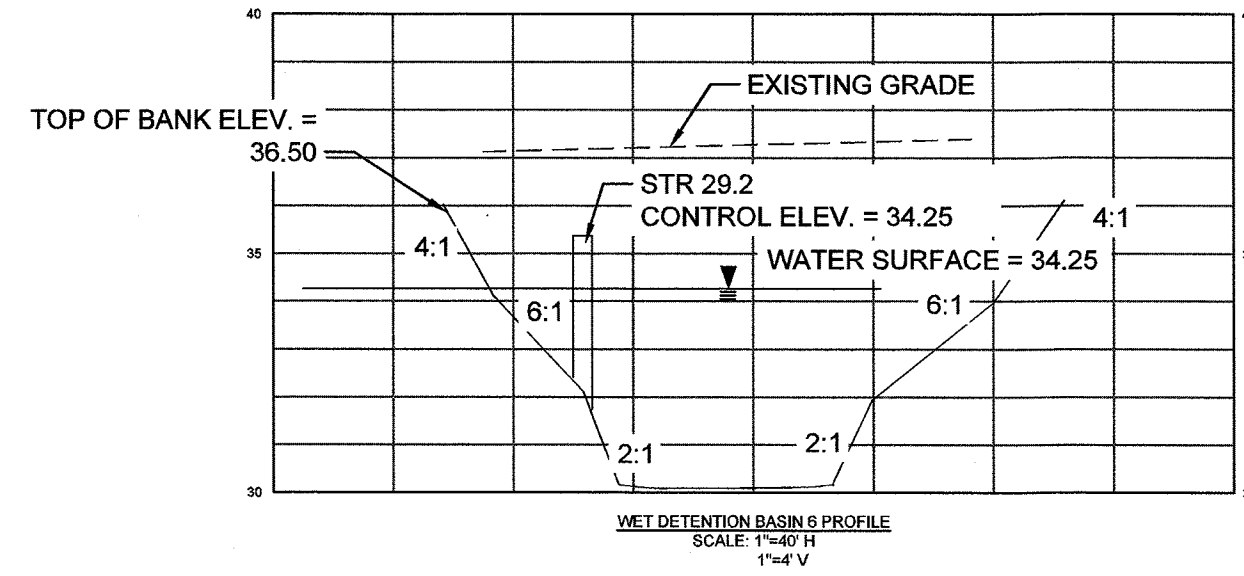
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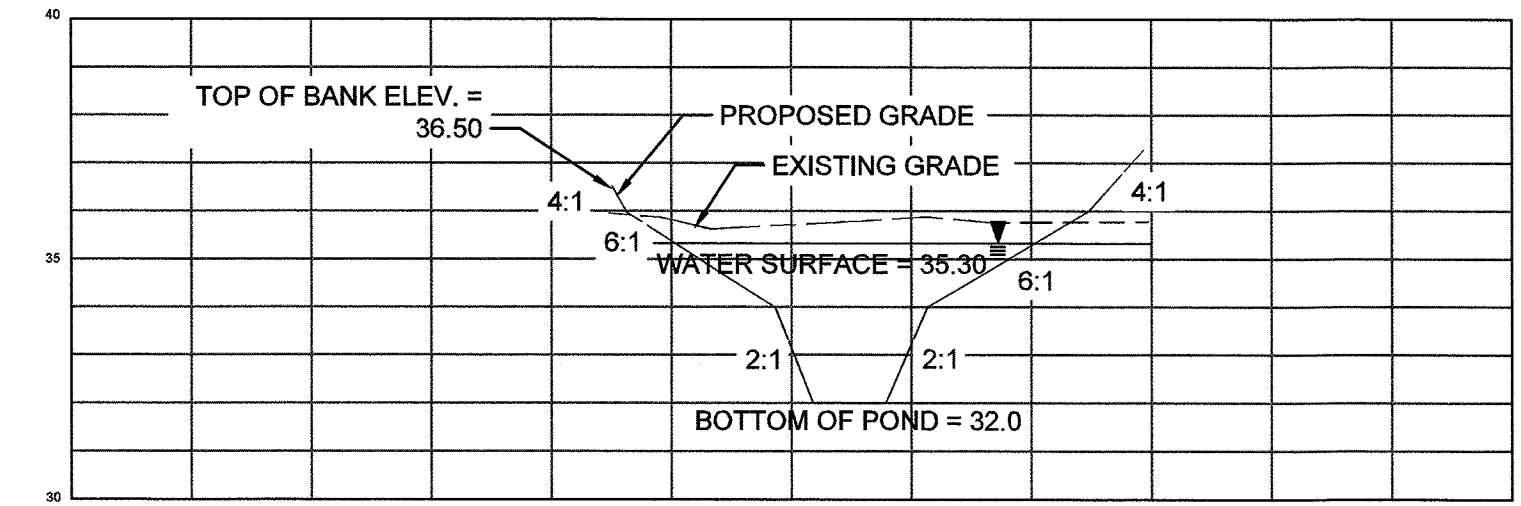
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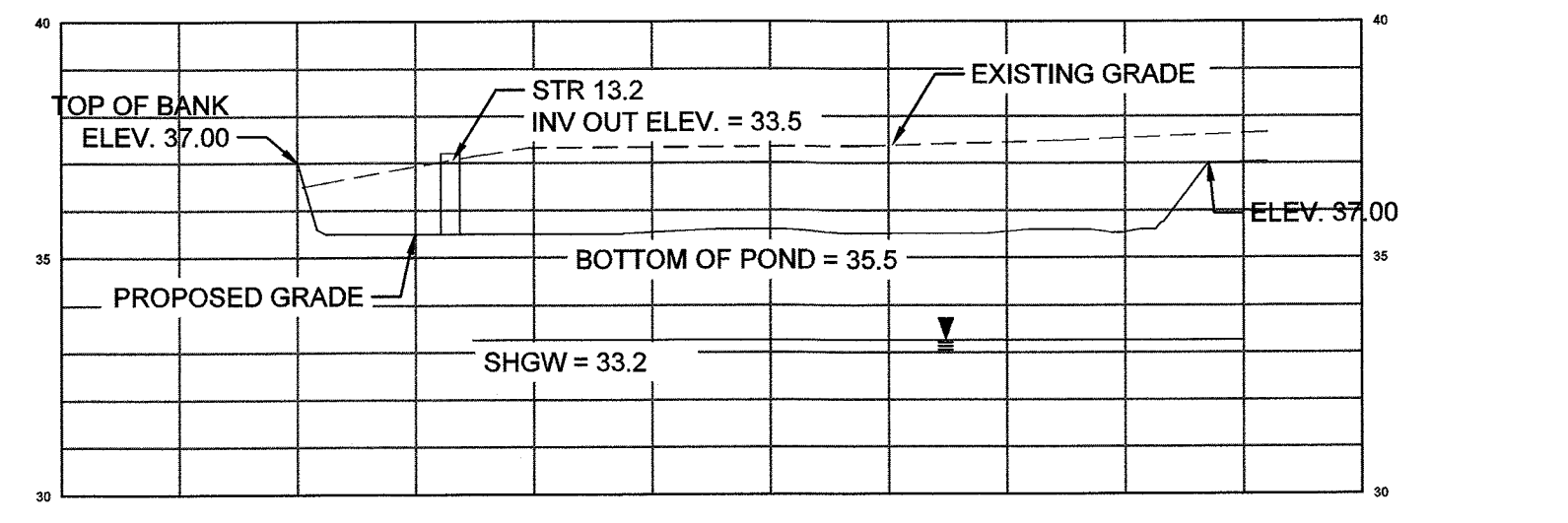
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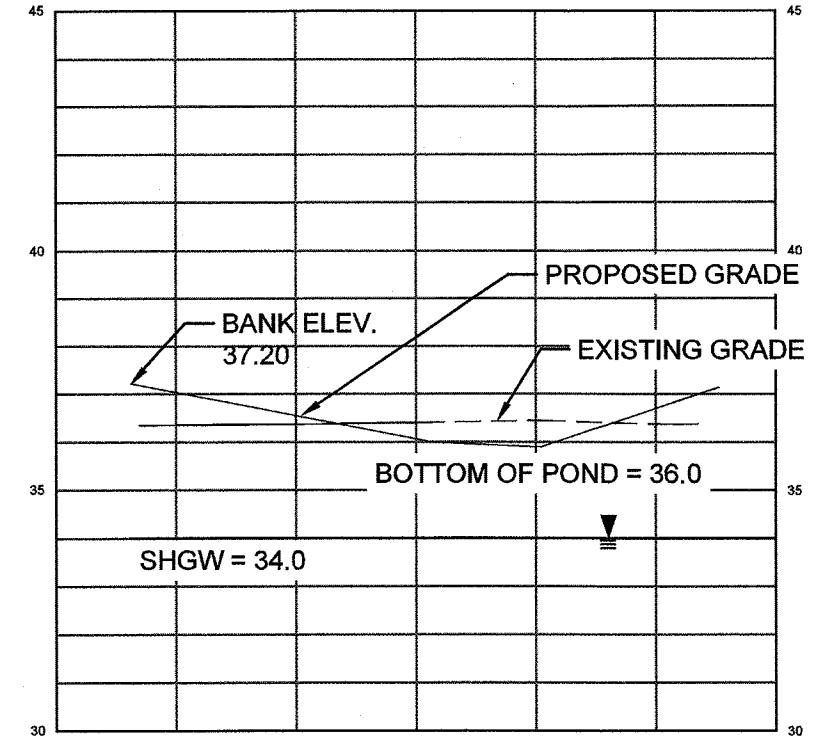
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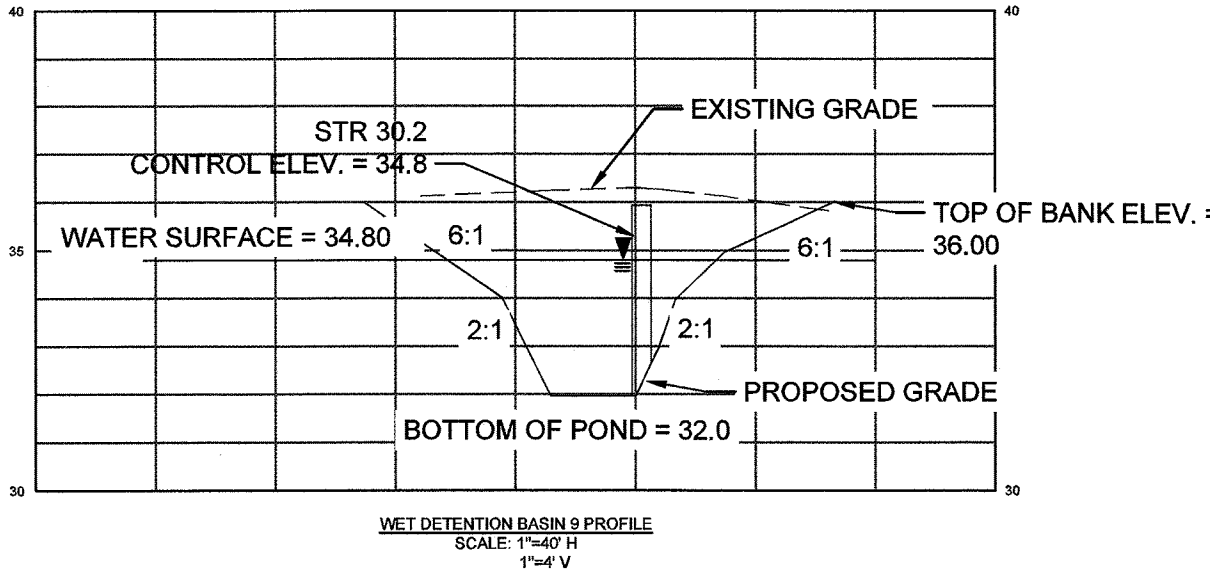
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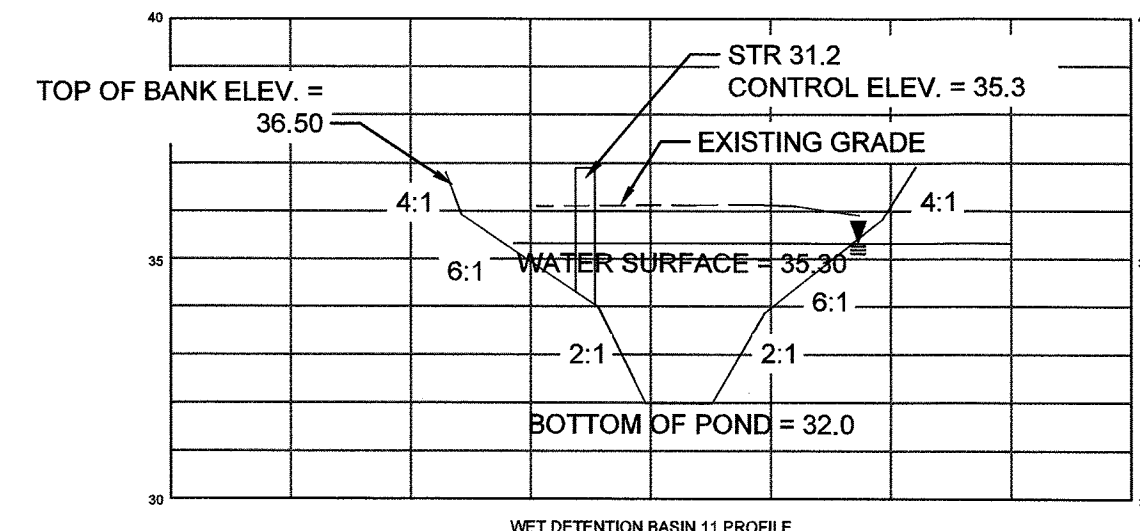
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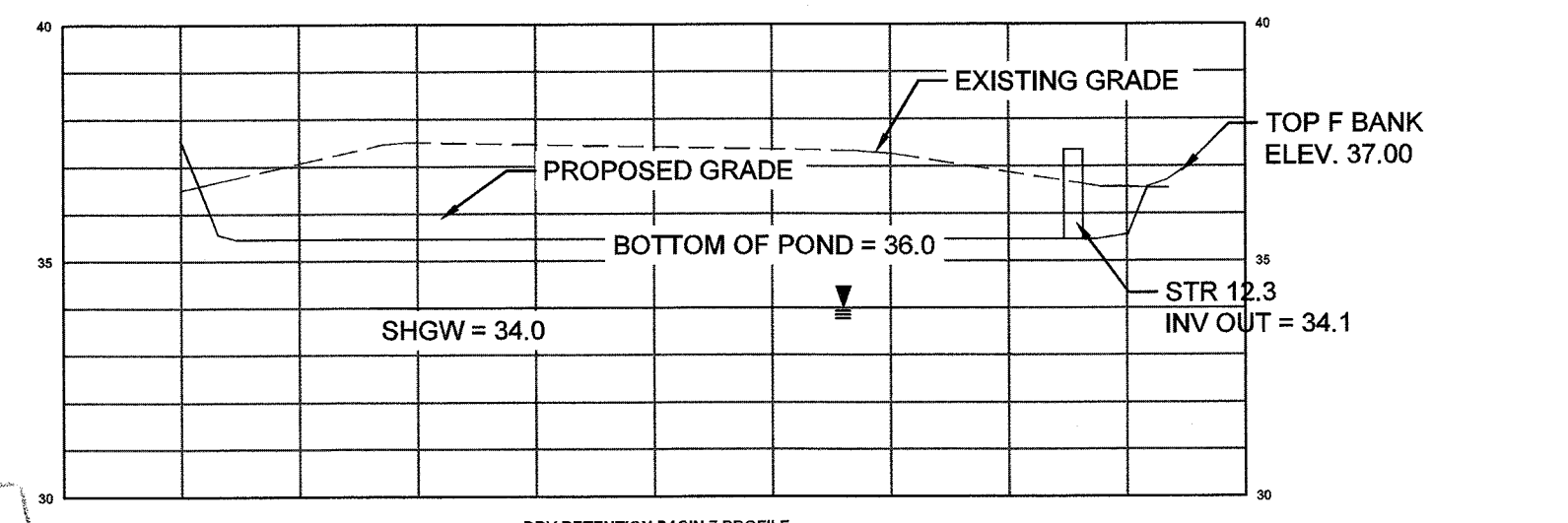
DRY RETENTION BASIN 8 PROFILE  
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WET DETENTION BASIN 9 PROFILE  
SCALE: 1"=40' H  
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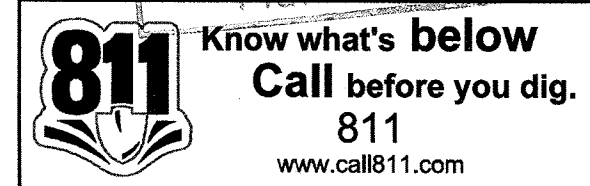
WET DETENTION BASIN 11 PROFILE  
SCALE: 1"=40' H  
1"=4' V



DRY RETENTION BASIN 7 PROFILE  
SCALE: 1"=40' H  
1"=4' V

NOTE: LITTORAL ZONES LIVE WITHIN SLOPES LABELED 6:1 ON WET RETENTION PONDS. SEE LANDSCAPE PLANS FOR SLOPE STABILIZATION AND LITTORAL ZONE PLANTING SCHEDULE

APPROVED AS NOTED  
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REV.	DR	CHK	DATE	DESCRIPTION
A	06/21/2023	05/10/2023	60% REVIEW	
B	07/01/2023	07/01/2023	50% REVIEW	
C	07/12/2023	07/12/2023	ISSUE FOR PERMIT	
D	07/12/2023	07/12/2023	ISSUE FOR PERMIT	
E	08/02/2023	08/02/2023	REVISION PER COUNTY COMMENTS	

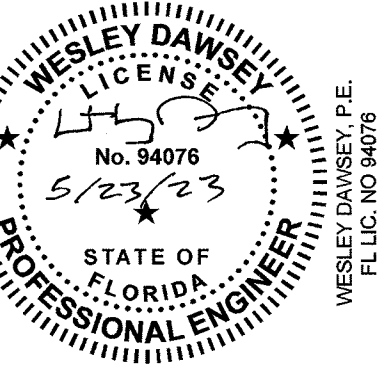
**C2.05**

37237-01

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SAVED: 4/6/2023  
PLOTTED: 4/6/2023





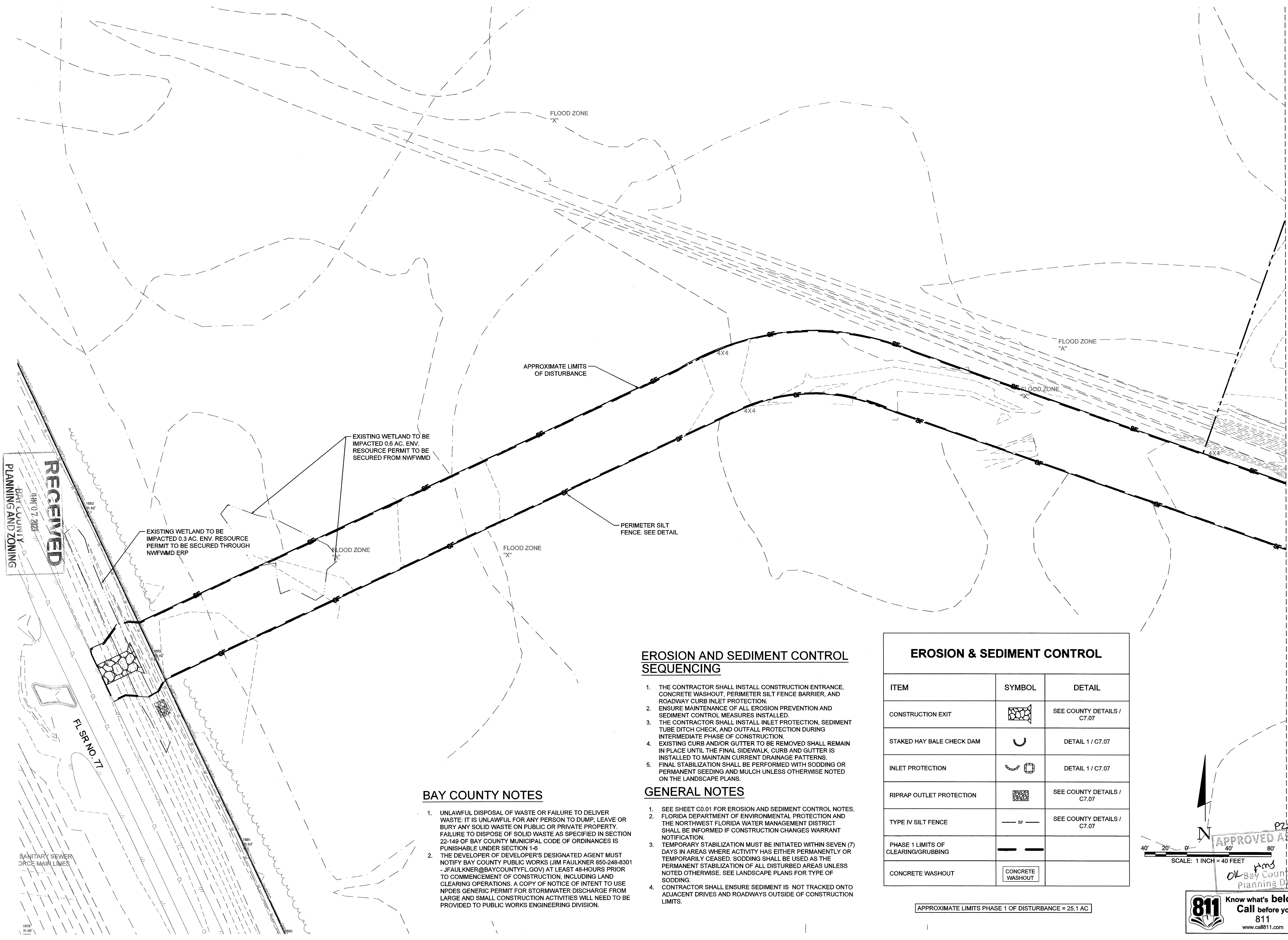


**EROSION AND SEDIMENT CONTROL PLAN  
PHASE 1  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL**

REV.	DR.	CHK.	DATE	DESCRIPTION
A	HB	BK4	05/10/2022	60% REVIEW
B	HB	BK4	07/01/2022	90% REVIEW
C	HB	WJD	07/18/2022	ISSUE FOR PERMIT
D	HB	WJD	09/20/2022	REVISED PER COUNTY COMMENTS
E	HB	WJD	09/20/2022	REVISED PER COUNTY COMMENTS

**C2.41**

37237-01



**EROSION AND SEDIMENT CONTROL SEQUENCING**

1. THE CONTRACTOR SHALL INSTALL CONSTRUCTION ENTRANCE, CONCRETE WASHOUT, PERIMETER SILT FENCE BARRIER, AND ROADWAY CURB INLET PROTECTION.
2. ENSURE MAINTENANCE OF ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES INSTALLED.
3. THE CONTRACTOR SHALL INSTALL INLET PROTECTION, SEDIMENT TUBE DITCH CHECK, AND OUTFALL PROTECTION DURING INTERMEDIATE PHASE OF CONSTRUCTION.
4. EXISTING CURB AND/OR GUTTER TO BE REMOVED SHALL REMAIN IN PLACE UNTIL THE FINAL SIDEWALK, CURB AND GUTTER IS INSTALLED TO MAINTAIN CURRENT DRAINAGE PATTERNS.
5. FINAL STABILIZATION SHALL BE PERFORMED WITH SODDING OR PERMANENT SEEDING AND MULCH UNLESS OTHERWISE NOTED ON THE LANDSCAPE PLANS.

**GENERAL NOTES**

1. SEE SHEET C0.01 FOR EROSION AND SEDIMENT CONTROL NOTES.
2. FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT SHALL BE INFORMED IF CONSTRUCTION CHANGES WARRANT NOTIFICATION.
3. TEMPORARY STABILIZATION MUST BE INITIATED WITHIN SEVEN (7) DAYS IN AREAS WHERE ACTIVITY HAS EITHER PERMANENTLY OR TEMPORARILY CEASED. SODDING SHALL BE USED AS THE PERMANENT STABILIZATION OF ALL DISTURBED AREAS UNLESS NOTED OTHERWISE. SEE LANDSCAPE PLANS FOR TYPE OF SODDING.
4. CONTRACTOR SHALL ENSURE SEDIMENT IS NOT TRACKED ONTO ADJACENT DRIVES AND ROADWAYS OUTSIDE OF CONSTRUCTION LIMITS.

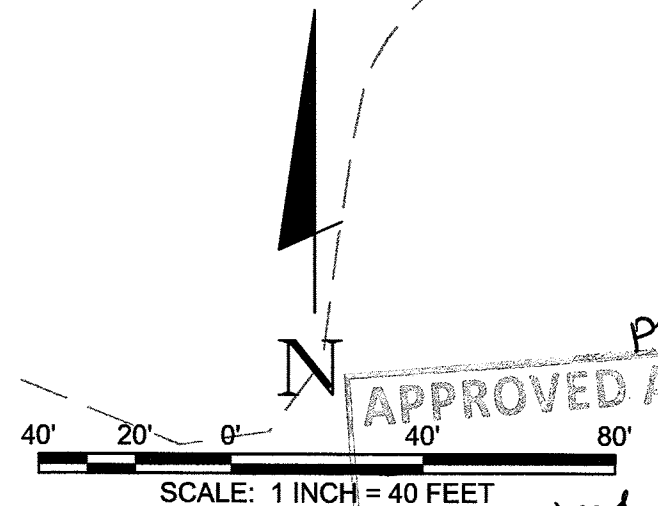
**BAY COUNTY NOTES**

1. UNLAWFUL DISPOSAL OF WASTE OR FAILURE TO DELIVER WASTE. IT IS UNLAWFUL FOR ANY PERSON TO DUMP, LEAVE OR BURY ANY SOLID WASTE ON PUBLIC OR PRIVATE PROPERTY. FAILURE TO DISPOSE OF SOLID WASTE AS SPECIFIED IN SECTION 22-149 OF BAY COUNTY MUNICIPAL CODE OF ORDINANCES IS PUNISHABLE UNDER SECTION 1-6
2. THE DEVELOPER OF DEVELOPER'S DESIGNATED AGENT MUST NOTIFY BAY COUNTY PUBLIC WORKS (JIM FAULKNER 850-248-8301 -JFAULKNER@BAYCOUNTYFL.GOV) AT LEAST 48-HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION, INCLUDING LAND CLEARING OPERATIONS. A COPY OF NOTICE OF INTENT TO USE NPDES GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES WILL NEED TO BE PROVIDED TO PUBLIC WORKS ENGINEERING DIVISION.

**EROSION & SEDIMENT CONTROL**

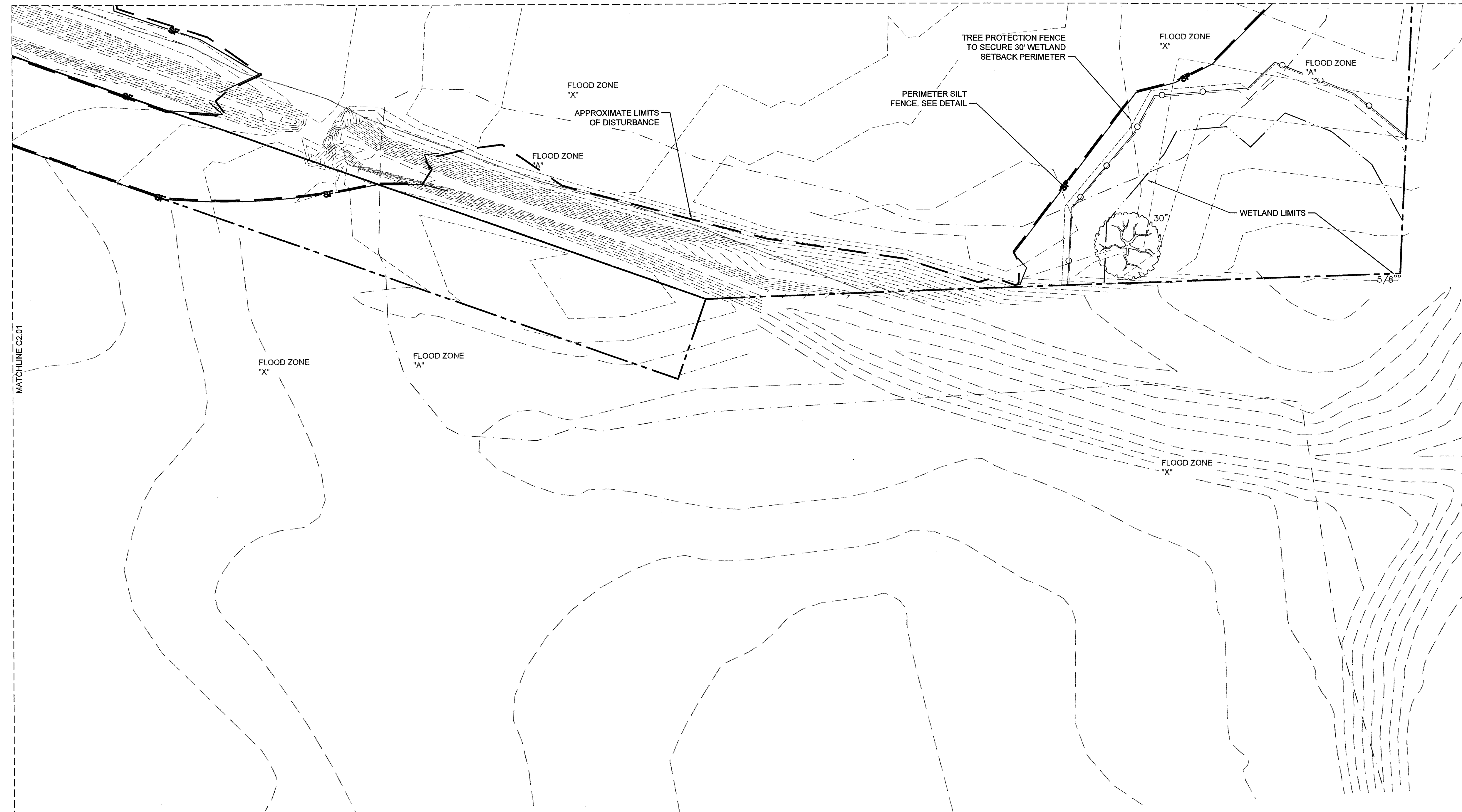
ITEM	SYMBOL	DETAIL
CONSTRUCTION EXIT		SEE COUNTY DETAILS / C7.07
STAKED HAY BALE CHECK DAM		DETAIL 1 / C7.07
INLET PROTECTION		DETAIL 1 / C7.07
RIPRAP OUTLET PROTECTION		SEE COUNTY DETAILS / C7.07
TYPE IV SILT FENCE		SEE COUNTY DETAILS / C7.07
PHASE 1 LIMITS OF CLEARING/GRUBBING		
CONCRETE WASHOUT		

APPROXIMATE LIMITS PHASE 1 OF DISTURBANCE = 25.1 AC



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### EROSION AND SEDIMENT CONTROL SEQUENCING

1. THE CONTRACTOR SHALL INSTALL CONSTRUCTION ENTRANCE, CONCRETE WASHOUT, PERIMETER SILT FENCE BARRIER, AND ROADWAY CURB INLET PROTECTION.
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### EROSION & SEDIMENT CONTROL

ITEM	SYMBOL	DETAIL
CONSTRUCTION EXIT		SEE COUNTY DETAILS / C7.07
STAKED HAY BALE CHECK DAM		DETAIL 1 / C7.07
INLET PROTECTION		DETAIL 1 / C7.07
RIPRAP OUTLET PROTECTION		SEE COUNTY DETAILS / C7.07
TYPE IV SILT FENCE		SEE COUNTY DETAILS / C7.07
PHASE 1 LIMITS OF CLEARING/GRUBBING		
CONCRETE WASHOUT		CONCRETE WASHOUT

APPROXIMATE LIMITS PHASE 1 OF DISTURBANCE = 25.1 AC

### BAY COUNTY NOTES

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 Bay County, FL  
 Planning Division

06/22/23  
 ac rms 420123

SCALE: 1 INCH = 40 FEET

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EROSION AND SEDIMENT CONTROL PLAN  
 PHASE 1  
 SITE IMPROVEMENTS FOR  
 SOUTHPORT SPORTS COMPLEX  
 BAY COUNTY, FL

REV.	DATE	DESCRIPTION
A	05/10/2022	05% REVIEW
B	07/01/2022	10% REVIEW
C	08/22/2022	ISSUED PER PERMIT
D	03/20/2023	REVISED PER COUNTY COMMENTS

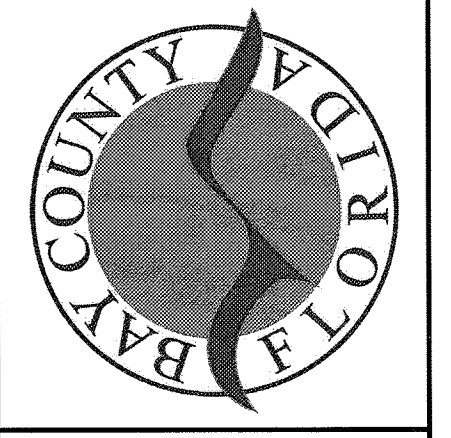
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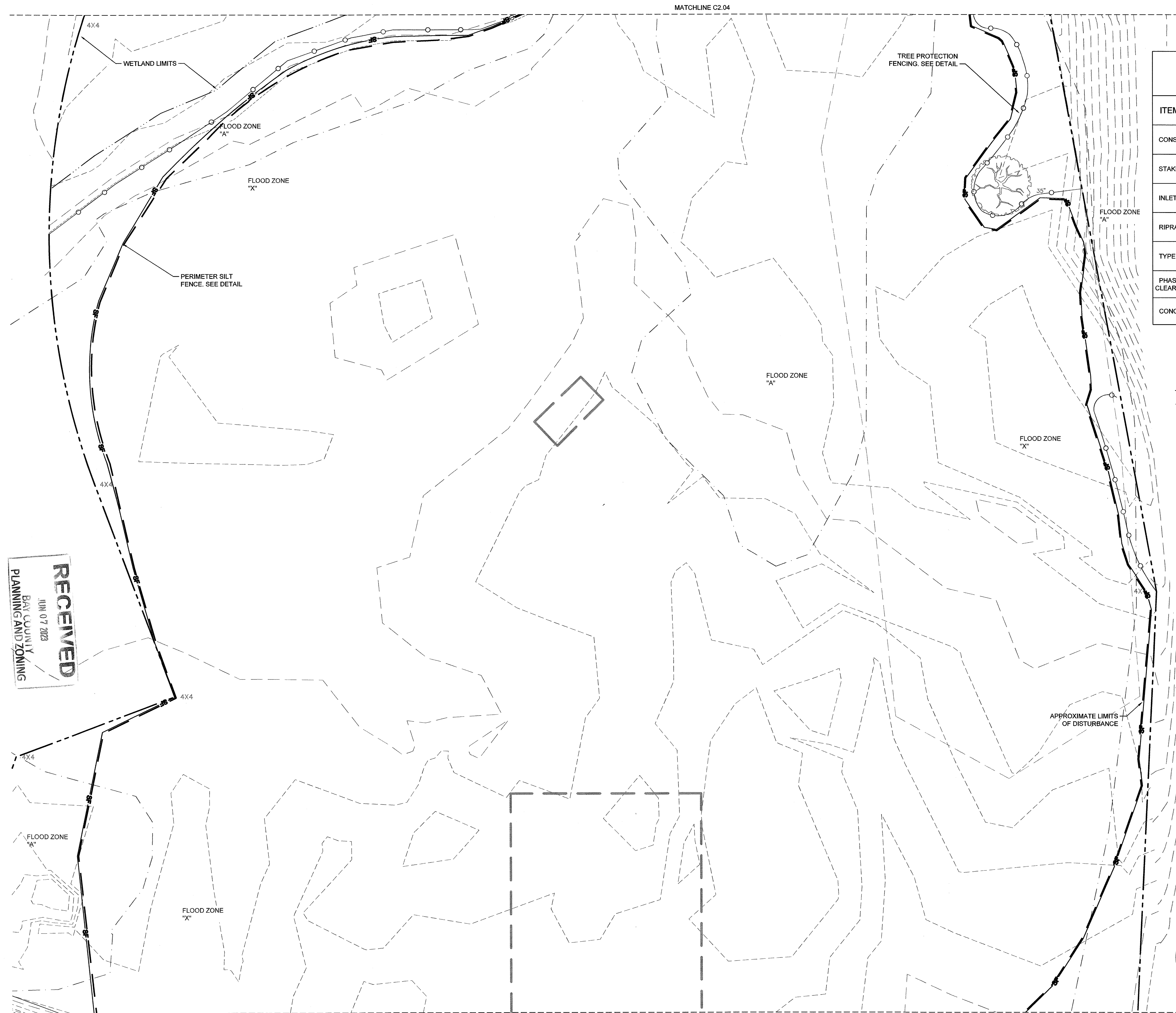
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 SAVED: 12/26/2023  
 PLOTTED: 4/5/2023

**BARGE**  
 DESIGN SOLUTIONS  
 840 Harrison Avenue / Suite 105 / Panama City, Florida 32401  
 PHONE: (850) 298-1211  
 FAX: (850) 298-1212

WESLEY DAWSON  
 LICENSE  
 No. 94076  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 WESLEY DAWSON  
 LICENSE NO. 94076





### EROSION & SEDIMENT CONTROL

ITEM	SYMBOL	DETAIL
CONSTRUCTION EXIT		SEE COUNTY DETAILS / C7.07
STAKED HAY BALE CHECK DAM		DETAIL 1 / C7.07
INLET PROTECTION		DETAIL 1 / C7.07
RIPRAP OUTLET PROTECTION		SEE COUNTY DETAILS / C7.07
TYPE IV SILT FENCE		SEE COUNTY DETAILS / C7.07
PHASE 1 LIMITS OF CLEARING/GRUBBING		
CONCRETE WASHOUT		

APPROXIMATE LIMITS PHASE 1 OF DISTURBANCE = 25.1 AC

### EROSION AND SEDIMENT CONTROL SEQUENCING

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2. ENSURE MAINTENANCE OF ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES INSTALLED.
3. THE CONTRACTOR SHALL INSTALL INLET PROTECTION, SEDIMENT TUBE DITCH CHECK, AND OUTFALL PROTECTION DURING INTERMEDIATE PHASE OF CONSTRUCTION.
4. EXISTING CURB AND/OR GUTTER TO BE REMOVED SHALL REMAIN IN PLACE UNTIL THE FINAL SIDEWALK, CURB AND GUTTER IS INSTALLED TO MAINTAIN CURRENT DRAINAGE PATTERNS.
5. FINAL STABILIZATION SHALL BE PERFORMED WITH SODDING OR PERMANENT SEEDING AND MULCH UNLESS OTHERWISE NOTED ON THE LANDSCAPE PLANS.

### GENERAL NOTES

1. SEE SHEET C0.01 FOR EROSION AND SEDIMENT CONTROL NOTES.
2. FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT SHALL BE INFORMED IF CONSTRUCTION CHANGES WARRANT NOTIFICATION.
3. TEMPORARY STABILIZATION MUST BE INITIATED WITHIN SEVEN (7) DAYS IN AREAS WHERE ACTIVITY HAS EITHER PERMANENTLY OR TEMPORARILY CEASED. SODDING SHALL BE USED AS THE PERMANENT STABILIZATION OF ALL DISTURBED AREAS UNLESS NOTED OTHERWISE. SEE LANDSCAPE PLANS FOR TYPE OF SODDING.
4. CONTRACTOR SHALL ENSURE SEDIMENT IS NOT TRACKED ONTO ADJACENT DRIVES AND ROADWAYS OUTSIDE OF CONSTRUCTION LIMITS.

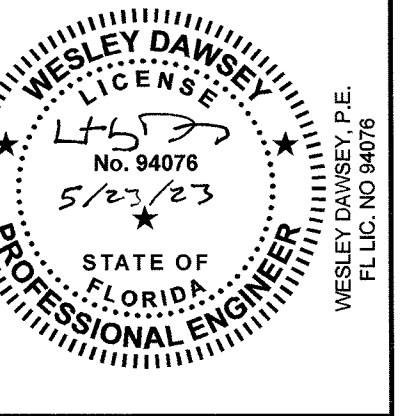
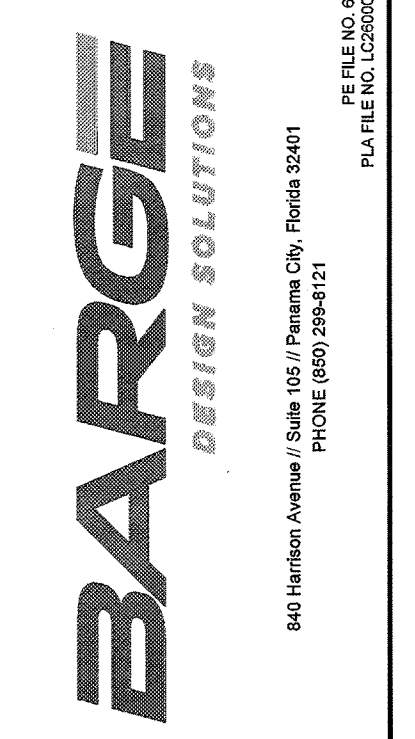
### BAY COUNTY NOTES

1. UNLAWFUL DISPOSAL OF WASTE FAILURE TO DELIVER WASTE: IT IS UNLAWFUL FOR ANY PERSON TO DUMP, LEAVE OR BURY ANY SOLID WASTE ON PUBLIC OR PRIVATE PROPERTY. FAILURE TO DISPOSE OF SOLID WASTE AS SPECIFIED IN SECTION 22-149 OF BAY COUNTY MUNICIPAL CODE OF ORDINANCES IS PUNISHABLE UNDER SECTION 1-6.
2. THE DEVELOPER OF DEVELOPER'S DESIGNATED AGENT MUST NOTIFY BAY COUNTY PUBLIC WORKS (JIM FAULKNER 850-248-8301 - JFAULKNER@BAYCOUNTYFL.GOV) AT LEAST 48-HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION, INCLUDING LAND CLEARING OPERATIONS. A COPY OF NOTICE OF INTENT TO USE NPDES GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES WILL NEED TO BE PROVIDED TO PUBLIC WORKS ENGINEERING DIVISION.

APPROVED AS NOTED  
 P2-23-203  
 dk hms 4/23/23  
 Bay County, FL  
 Planning Division

SCALE: 1 INCH = 40 FEET

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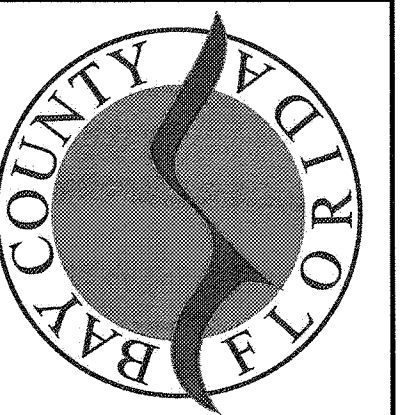
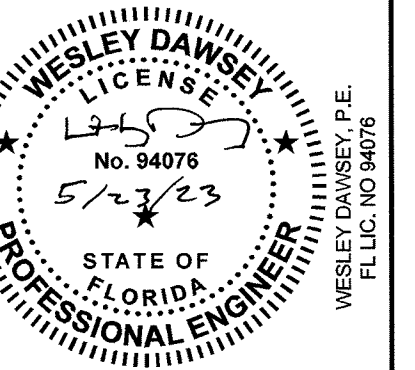
EROSION AND SEDIMENT CONTROL PLAN  
 PHASE 1  
 SITE IMPROVEMENTS FOR  
 SOUTHPORT SPORTS COMPLEX  
 BAY COUNTY, FL

REV	DR	CHK	DATE	DESCRIPTION
A	HE	SKH	05/10/2022	ISSUE FOR PERMIT
B	HE	SKH	07/01/2022	ISSUE FOR PERMIT
C	HE	WLD	12/15/2022	ISSUE FOR PERMIT
D	HE	WLD	03/20/2023	REVISED PER COUNTY COMMENTS
E	HE	WLD	03/20/2023	REVISED PER COUNTY COMMENTS

C2.43  
 37237-01

USER:HWBROWN  
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 SAVED:1/25/2023  
 PLOTTED:4/5/2023

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 BAY COUNTY  
 PLANNING AND ZONING



EROSION & SEDIMENT CONTROL		
ITEM	SYMBOL	DETAIL
CONSTRUCTION EXIT		SEE COUNTY DETAILS / C7.07
STAKED HAY BALE CHECK DAM		DETAIL 1 / C7.07
INLET PROTECTION		DETAIL 1 / C7.07
RIPRAP OUTLET PROTECTION		SEE COUNTY DETAILS / C7.07
TYPE IV SILT FENCE		SEE COUNTY DETAILS / C7.07
PHASE 1 LIMITS OF CLEARING/GRUBBING		
CONCRETE WASHOUT		

APPROXIMATE LIMITS PHASE 1 OF DISTURBANCE = 25.1 AC

**EROSION AND SEDIMENT CONTROL SEQUENCING**

1. THE CONTRACTOR SHALL INSTALL CONSTRUCTION ENTRANCE, CONCRETE WASHOUT, PERIMETER SILT FENCE BARRIER, AND ROADWAY CURB INLET PROTECTION.
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**GENERAL NOTES**

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**BAY COUNTY NOTES**

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EROSION AND SEDIMENT CONTROL PLAN  
PHASE 1

SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL

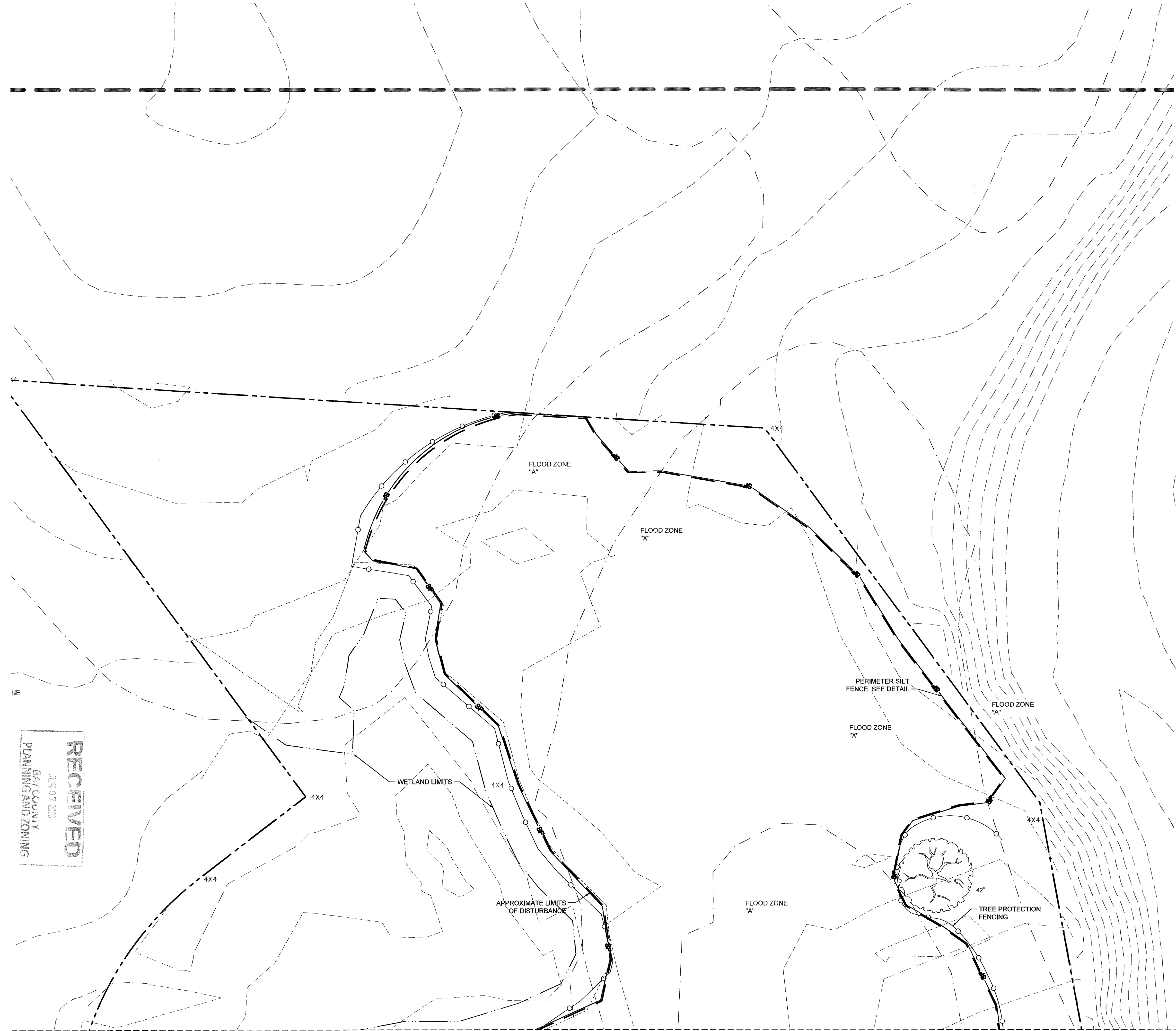
REV.	DATE	DESCRIPTION
A	05/10/2022	00% REVIEW
B	07/01/2022	50% REVIEW
C	12/16/2022	ISSUE FOR PERMIT
D	02/02/2023	REVISED PER COUNTY COMMENTS
E		

**C2.44**

37237-01

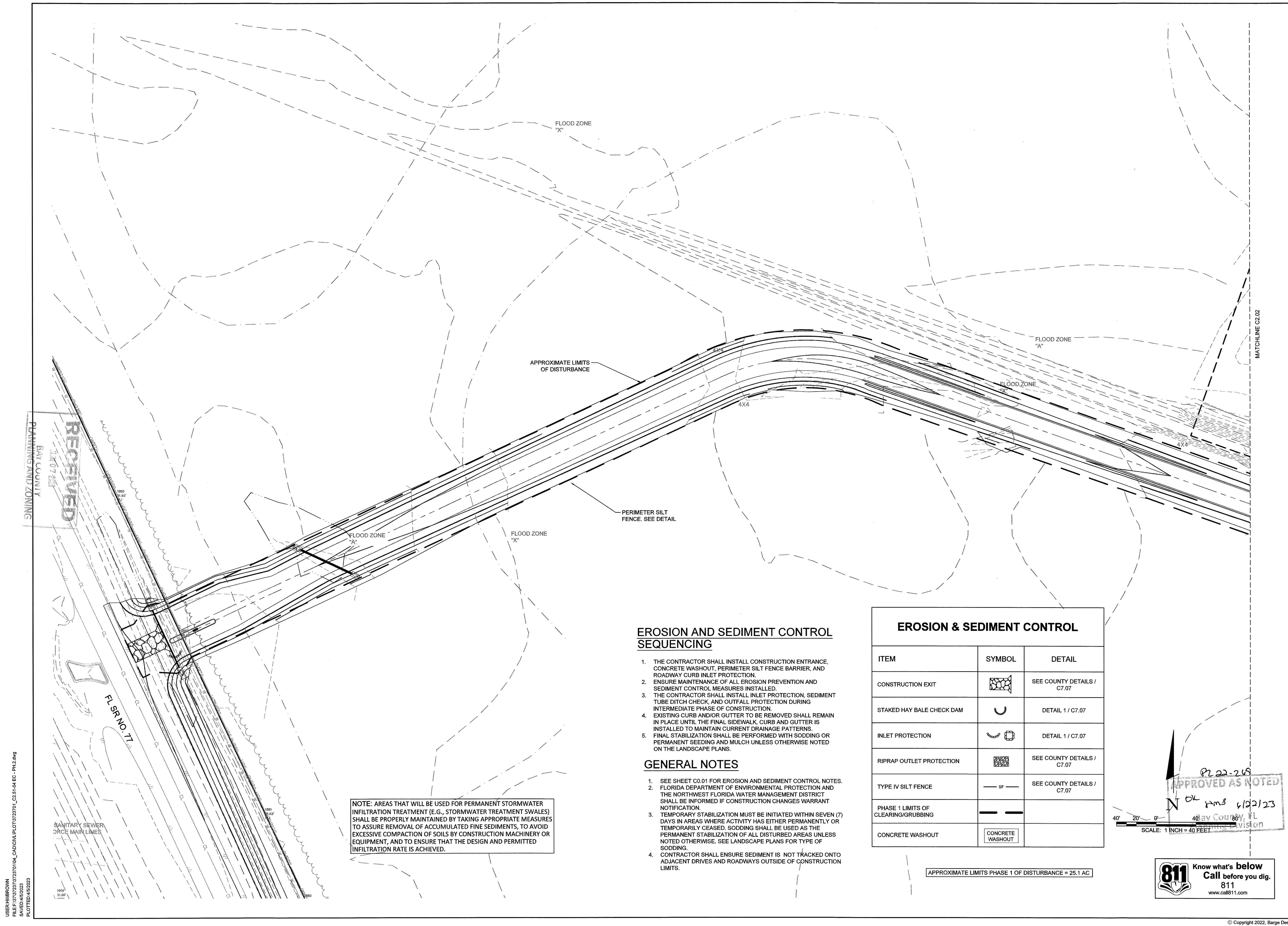
APPROVED AS NOTED  
0222-245  
ok pms 6/22/23  
Bay County, FL  
Planning Division

SCALE: 1 INCH = 40 FEET



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FILE:37237-01\_CAD\CAD\PLT\37237-01\_C2.44-14-EC - PH.1.dwg  
SAVED:12/26/2023  
PLOTTED:4/16/2023



RECEIVED  
 BAY COUNTY  
 PLANNING AND ZONING

USER: HWBROWN  
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 SAVED: 4/6/2023  
 PLOTTED: 4/6/2023

**NOTE:** AREAS THAT WILL BE USED FOR PERMANENT STORMWATER INFILTRATION TREATMENT (E.G., STORMWATER TREATMENT SWALES) SHALL BE PROPERLY MAINTAINED BY TAKING APPROPRIATE MEASURES TO ASSURE REMOVAL OF ACCUMULATED FINE SEDIMENTS, TO AVOID EXCESSIVE COMPACTION OF SOILS BY CONSTRUCTION MACHINERY OR EQUIPMENT, AND TO ENSURE THAT THE DESIGN AND PERMITTED INFILTRATION RATE IS ACHIEVED.

**EROSION AND SEDIMENT CONTROL SEQUENCING**

1. THE CONTRACTOR SHALL INSTALL CONSTRUCTION ENTRANCE, CONCRETE WASHOUT, PERIMETER SILT FENCE BARRIER, AND ROADWAY CURB INLET PROTECTION.
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**EROSION & SEDIMENT CONTROL**

ITEM	SYMBOL	DETAIL
CONSTRUCTION EXIT		SEE COUNTY DETAILS / C7.07
STAKED HAY BALE CHECK DAM		DETAIL 1 / C7.07
INLET PROTECTION		DETAIL 1 / C7.07
RIPRAP OUTLET PROTECTION		SEE COUNTY DETAILS / C7.07
TYPE IV SILT FENCE		SEE COUNTY DETAILS / C7.07
PHASE 1 LIMITS OF CLEARING/GRUBBING		
CONCRETE WASHOUT		CONCRETE WASHOUT

APPROXIMATE LIMITS PHASE 1 OF DISTURBANCE = 25.1 AC

APPROVED AS NOTED  
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 SCALE: 1 INCH = 40 FEET  
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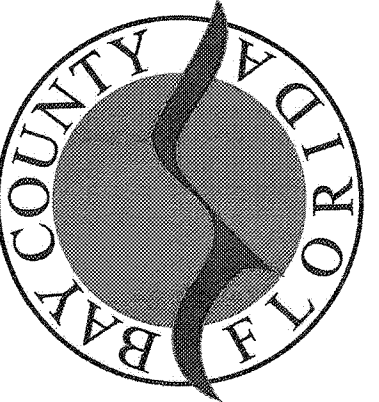
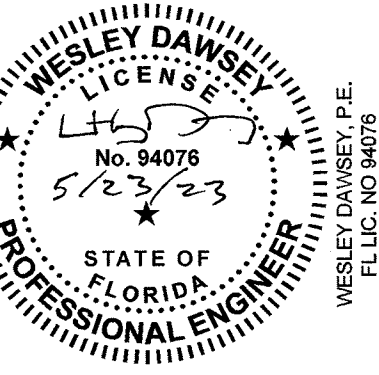
WESLEY DAWSON  
 LICENSE  
 No. 94078  
 5/23/23  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 WELLS NO. 94078  
 P.E. NO. 94078



EROSION AND SEDIMENT CONTROL PLAN  
 PHASE 2  
 SITE IMPROVEMENTS FOR  
 SOUTHPORT SPORTS COMPLEX  
 BAY COUNTY, FL

REV.	CHK.	DATE	DESCRIPTION
A	09/10/2022	09/10/2022	BVA REVIEW
B	09/11/2022	07/01/2023	BVA REVIEW
C	12/16/2022	12/16/2022	ISSUE FOR PERMIT
D	03/30/2023	03/30/2023	REVISED PER COUNTY COMMENTS
E			

**C2.45**  
 37237-01



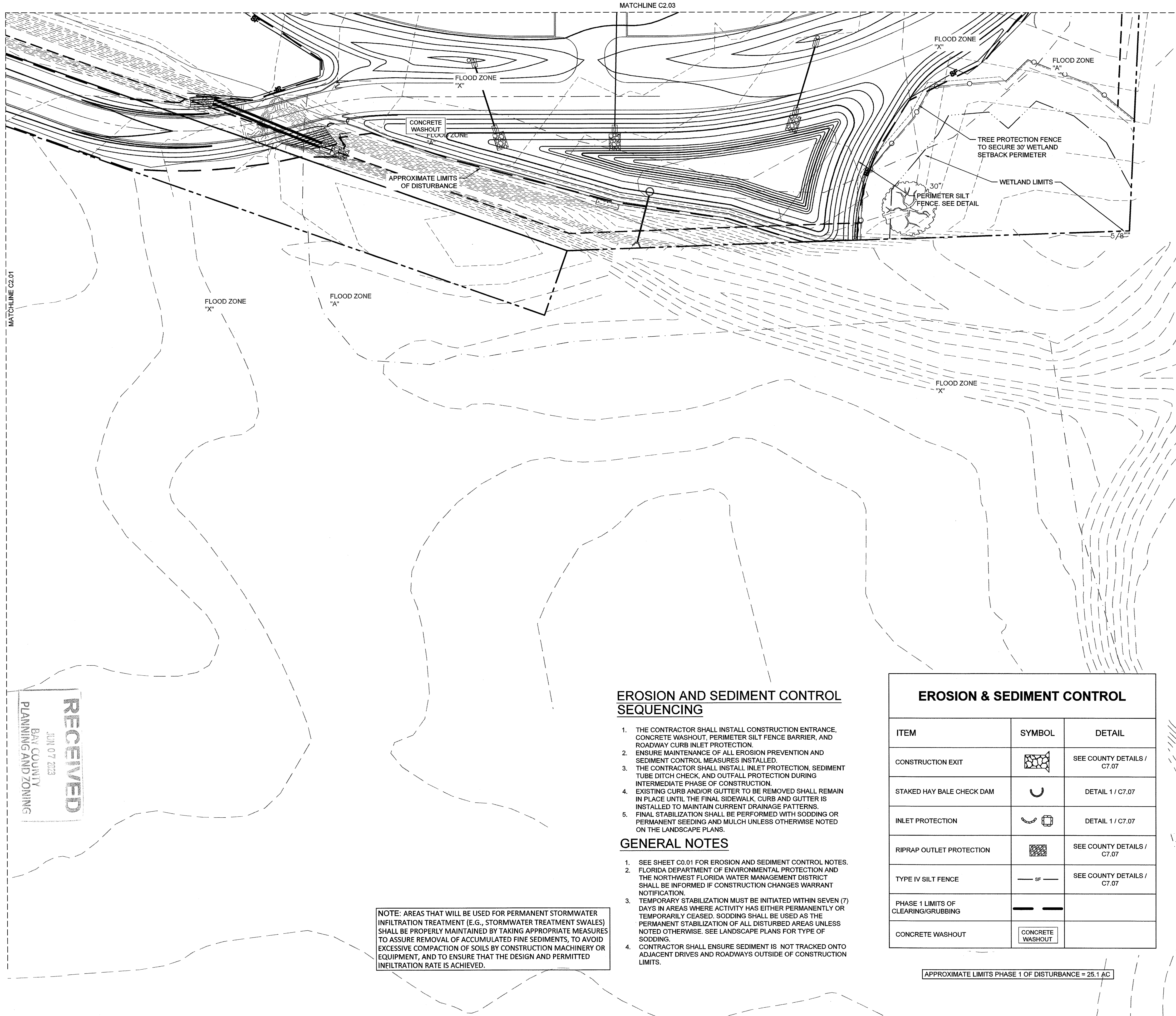
EROSION AND SEDIMENT CONTROL PLAN  
PHASE 2

SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL

REV	OR	CHK	DATE	DESCRIPTION
A	HE	06/10/2022	05/10/2022	05% REVIEW
B	HE	07/01/2022	07/01/2022	05% REVIEW
C	HE	12/16/2022	12/16/2022	ISSUE FOR PERMIT
D	HE	03/02/2023	03/02/2023	REVISED PER COUNTY COMMENTS
E	HE			

**C2.46**

37237-01



**EROSION AND SEDIMENT CONTROL SEQUENCING**

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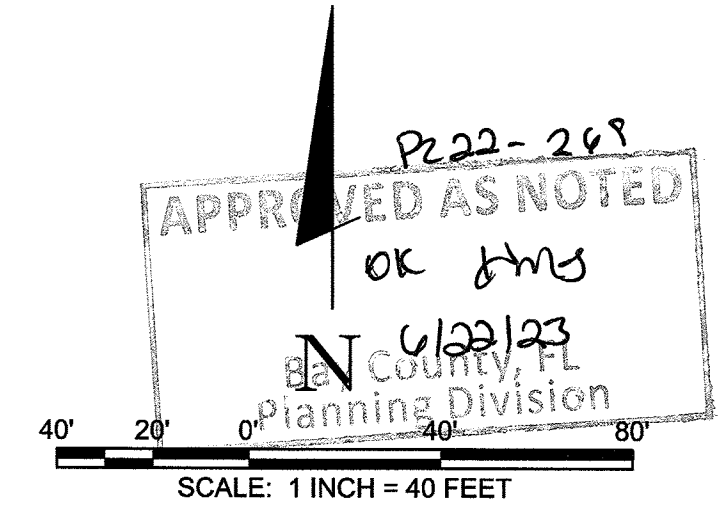
**GENERAL NOTES**

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EROSION & SEDIMENT CONTROL		
ITEM	SYMBOL	DETAIL
CONSTRUCTION EXIT		SEE COUNTY DETAILS / C7.07
STAKED HAY BALE CHECK DAM		DETAIL 1 / C7.07
INLET PROTECTION		DETAIL 1 / C7.07
RIPRAP OUTLET PROTECTION		SEE COUNTY DETAILS / C7.07
TYPE IV SILT FENCE		SEE COUNTY DETAILS / C7.07
PHASE 1 LIMITS OF CLEARING/GRUBBING		
CONCRETE WASHOUT		CONCRETE WASHOUT

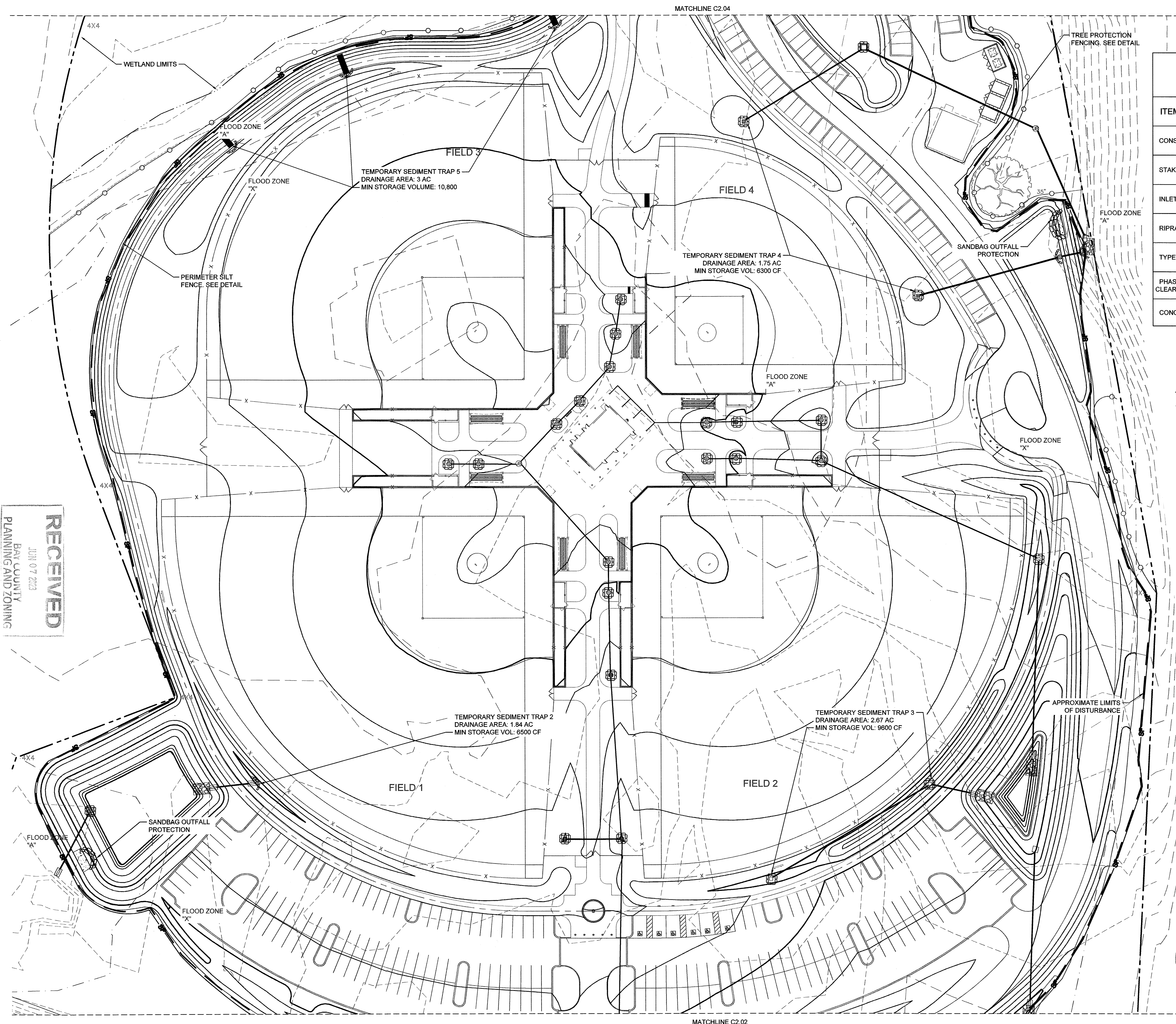
APPROXIMATE LIMITS PHASE 1 OF DISTURBANCE = 25.1 AC



SCALE: 1 INCH = 40 FEET



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### EROSION & SEDIMENT CONTROL

ITEM	SYMBOL	DETAIL
CONSTRUCTION EXIT		SEE COUNTY DETAILS / C7.07
STAKED HAY BALE CHECK DAM		DETAIL 1 / C7.07
INLET PROTECTION		DETAIL 1 / C7.07
RIPRAP OUTLET PROTECTION		SEE COUNTY DETAILS / C7.07
TYPE IV SILT FENCE		SEE COUNTY DETAILS / C7.07
PHASE 1 LIMITS OF CLEARING/GRUBBING		
CONCRETE WASHOUT		

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 BAY COUNTY  
 PLANNING AND ZONING

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 SAVED: 4/6/2023  
 PLOTTED: 4/5/2023

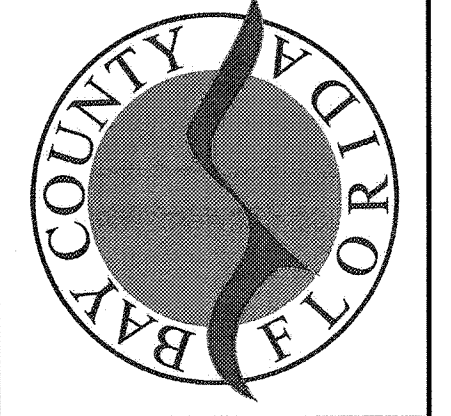
0222-265  
**APPROVED AS NOTED**  
 OK HWS  
 6/22/23  
 Bay County, FL  
 Planning Division

40' 20' 0' 40' 80'  
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 LICENSE  
 No. 94076  
 1/23/23  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 WESLEY DAWLEY, P.E.  
 FL LIC. NO. 94076



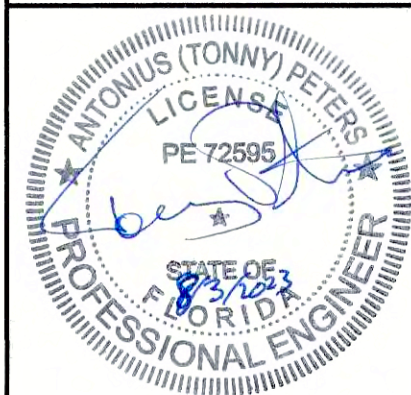
EROSION AND SEDIMENT CONTROL PLAN  
 PHASE 2  
 SITE IMPROVEMENTS FOR  
 SOUTHPORT SPORTS COMPLEX  
 BAY COUNTY, FL

REV.	DR.	CHK.	DATE	DESCRIPTION
A	HB	OKH	05/10/2022	80% REVIEW
B	HB	OKH	07/01/2022	90% REVIEW
C	HB	WAD	12/15/2022	ISSUE FOR PERMIT
D	HB	WAD	03/30/2023	REVISED PER COUNTY COMMENTS
E	HB	WAD	03/30/2023	REVISED PER COUNTY COMMENTS

**C2.47**  
 37237-01



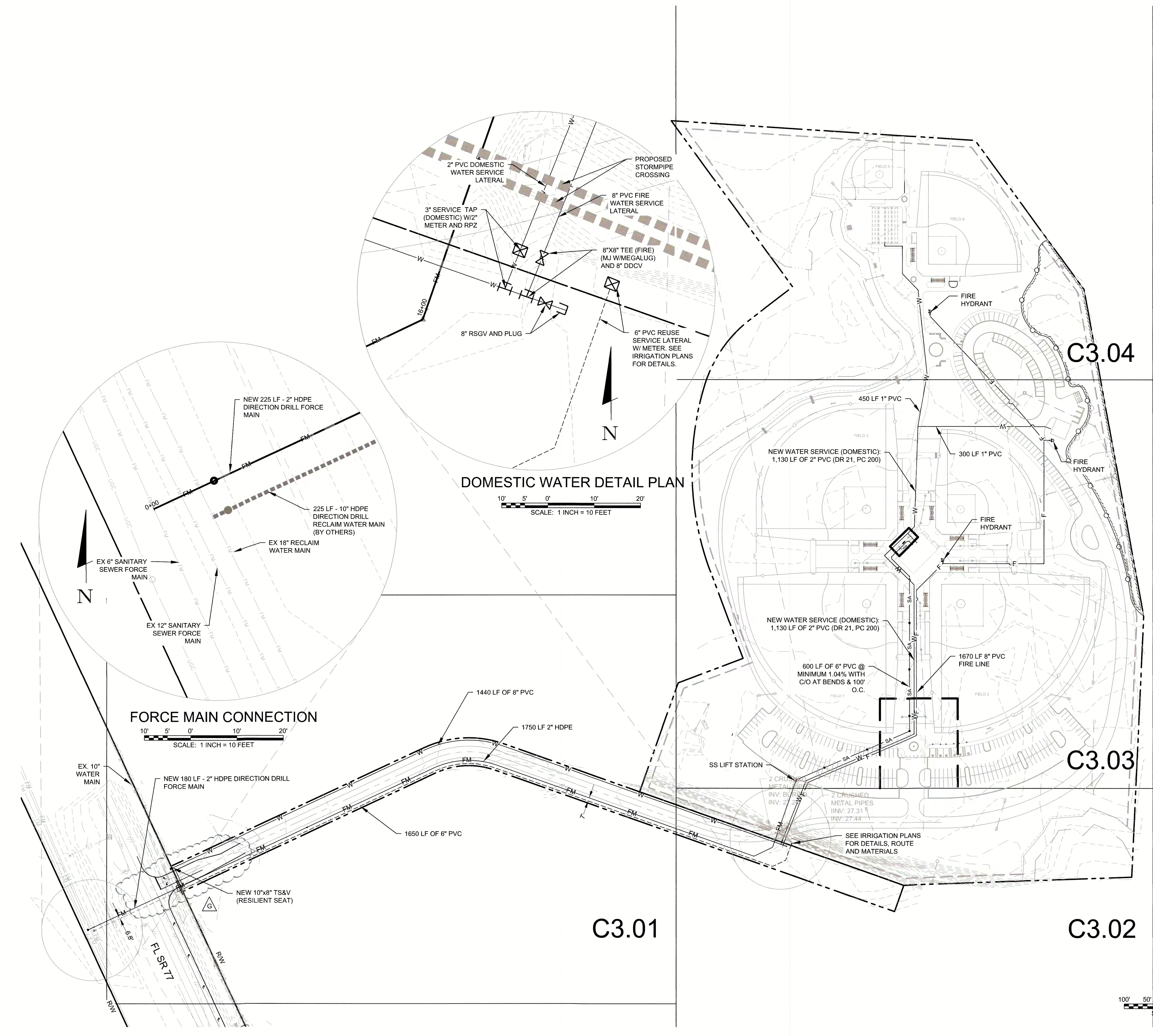




OVERALL SITE UTILITY PLAN  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL

REV.	CHK.	DATE	DESCRIPTION
A	HB	05/10/2022	60% REVIEW
B	HB	07/07/2022	60% REVIEW
C	HB	07/15/2022	ISSUE FOR PERMIT
D	WJD	07/15/2022	ISSUE FOR PERMIT
E	HB	03/02/2023	REVISED PER COUNTY COMMENTS
F	HB	08/18/2023	REVISED PER COUNTY COMMENTS
G	HB	08/02/2023	REVISED PER FOOT COMMENTS

**C3.00**  
37237-01



**LEGEND**

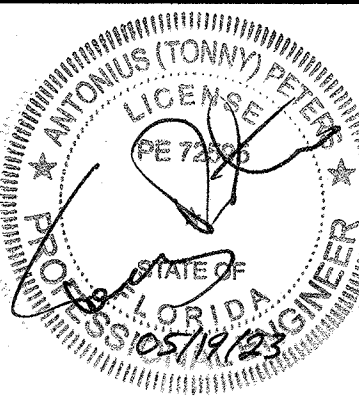
- SANITARY SEWER LINE
- SANITARY FORCE MAIN
- - - IRRIGATION REUSE LINE
- WATER LINE
- FIRE LINE
- - - PROPERTY LINE

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USER:HWBROWN  
FILE:F:\37237\372370104\_CAD\CIVIL\LOT3723701\_C3.00 UTILITY OVERALL.dwg  
SAVED:8/2/2023  
PLOTTED:8/2/2023







**SITE UTILITY PLAN**  
SITE IMPROVEMENTS FOR  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

REV.	CHK.	DATE	DESCRIPTION
A	HB	05/10/2022	60% REVIEW
B	HB	05/25/2022	ISSUED FOR PERMIT
C	HB	12/19/2022	ISSUE FOR PERMIT
D	HB	03/30/2023	REVISED PER COUNTY COMMENTS
E	HB	05/18/2023	REVISED PER COUNTY COMMENTS

**C3.03**

37237-01

**LEGEND**

- SANITARY SEWER LINE
- SANITARY FORCE MAIN
- IRRIGATION REUSE LINE
- WATER LINE
- FIRE LINE
- - - PROPERTY LINE

**UTILITY NOTES**

- SEE SHEET C0.01 FOR ADDITIONAL UTILITY NOTES.
- CONTRACTOR TO COORDINATE WITH LOCAL UTILITY FOR NATURAL GAS AND TELCOMM SERVICE INSTALLATION.
- SANITARY SERVICES EXITING BUILDING TO HAVE CHECK VALVES INSTALLED. SEE PLUMBING PLANS FOR ADDITIONAL INFORMATION.

**ABBREVIATIONS**

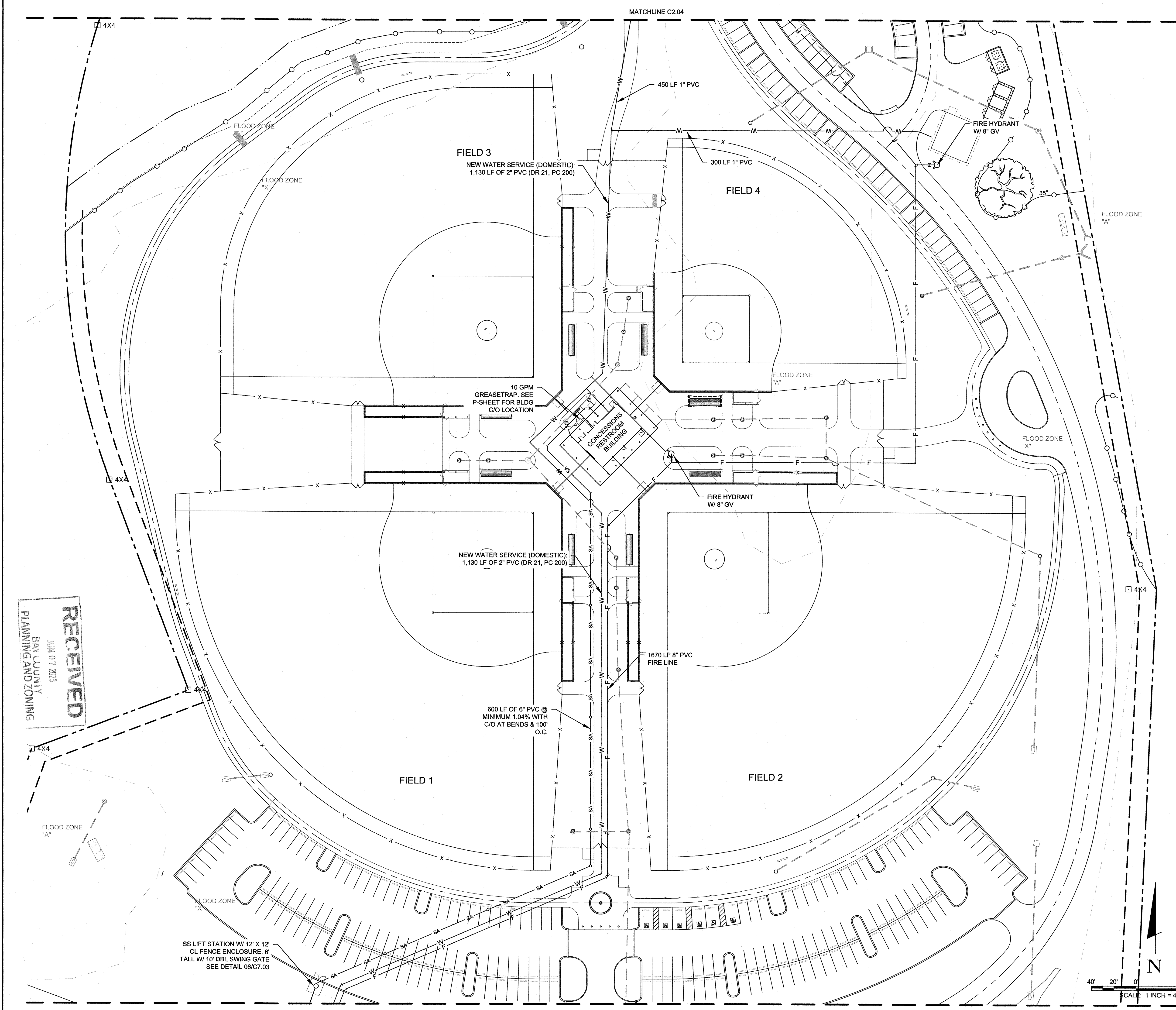
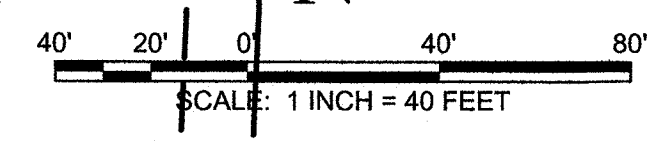
- TC TOP OF CASTING
- IE INVERT ELEVATION
- DOMW DOMESTIC WATER
- IRR IRRIGATION SERVICE
- SA SANITARY SERVICE
- SS SANITARY SEWER
- CL CHAIN LINK
- DBL DOUBLE
- FL FIRE LINE
- DL DOMESTIC LINE
- DIP DUCTILE IRON PIPE
- (E) EXISTING
- C/O CLEANOUT
- O.C. ON CENTER
- GV GATE VALVE
- LF LINEAR FEET
- PVC POLYVINYL CHLORIDE PIPE

**MWS HYDRANT FLOW TEST DATA**

WORK ORDER	3507455
TEST DATE	07/16/2019
FLOW HYDRANT ID	15722
STATIC PRESSURE	108
FLOW PRESSURE	74
MONITOR HYDRANT ID	01234
STATIC PRESSURE	102
RESIDUAL PRESSURE	86

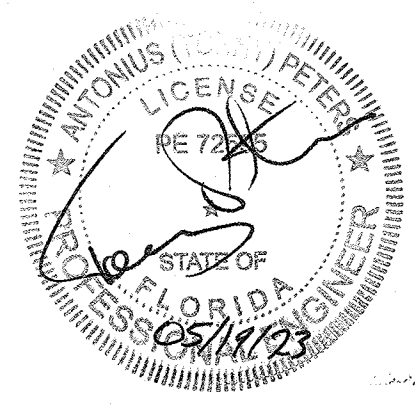
APPROVED AS NOTED  
PL 22-265 6/22/23  
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USER:HWBROWN  
FILE:R:\37237\37237\0104\_CADD\DWG\PL\01372370\_L3\_01-04 UTILITY.dwg  
SAVED:12/19/2022  
PLOTTED:5/19/2023



**LEGEND**

- SANITARY SEWER LINE
- SANITARY FORCE MAIN
- IRRIGATION REUSE LINE
- WATER LINE
- FIRE LINE
- PROPERTY LINE

**UTILITY NOTES**

1. SEE SHEET C0.01 FOR ADDITIONAL UTILITY NOTES.
2. CONTRACTOR TO COORDINATE WITH LOCAL UTILITY FOR NATURAL GAS AND TELECOMM SERVICE INSTALLATION.
3. SANITARY SERVICES EXITING BUILDING TO HAVE CHECK VALVES INSTALLED. SEE PLUMBING PLANS FOR ADDITIONAL INFORMATION.

**ABBREVIATIONS**

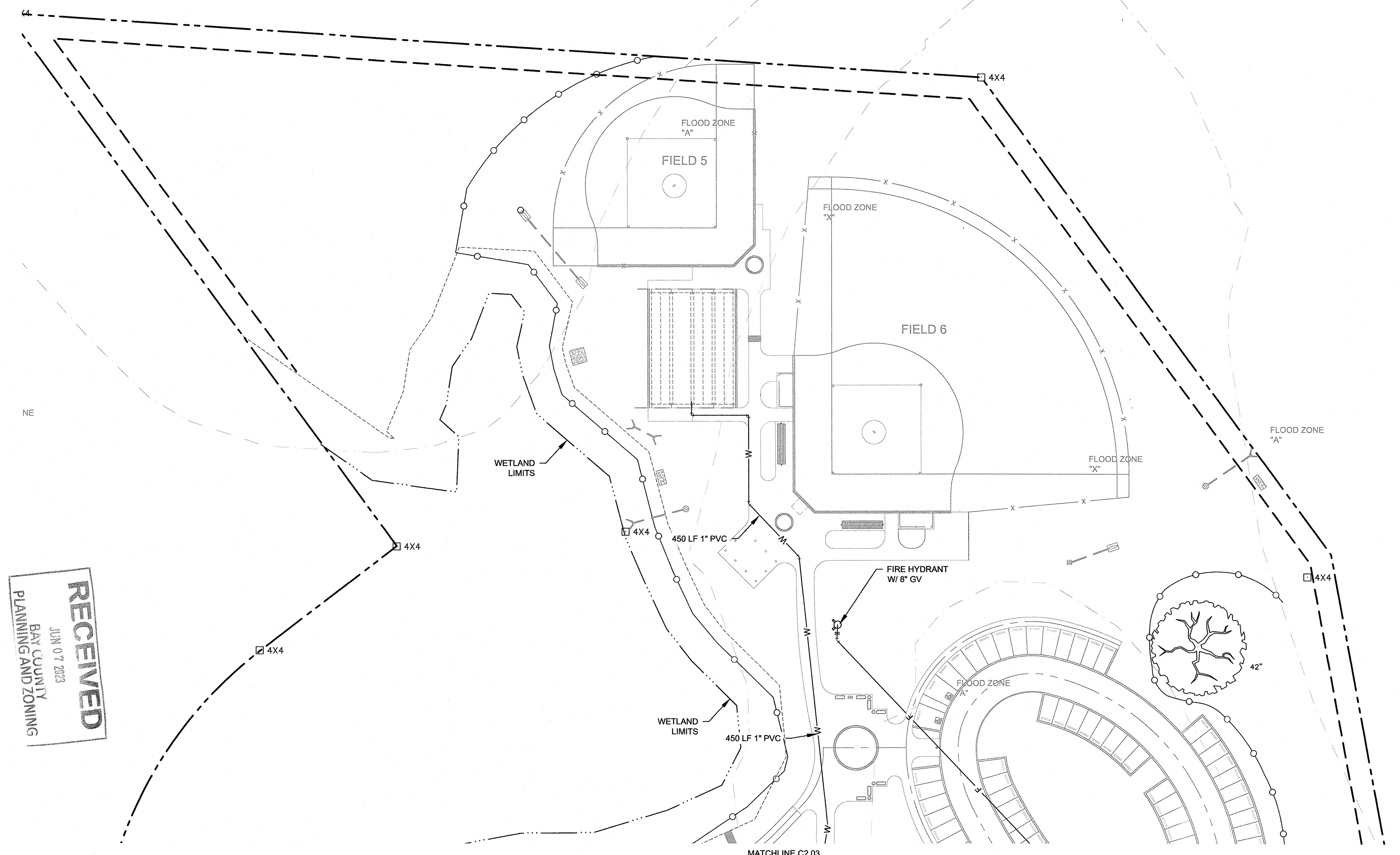
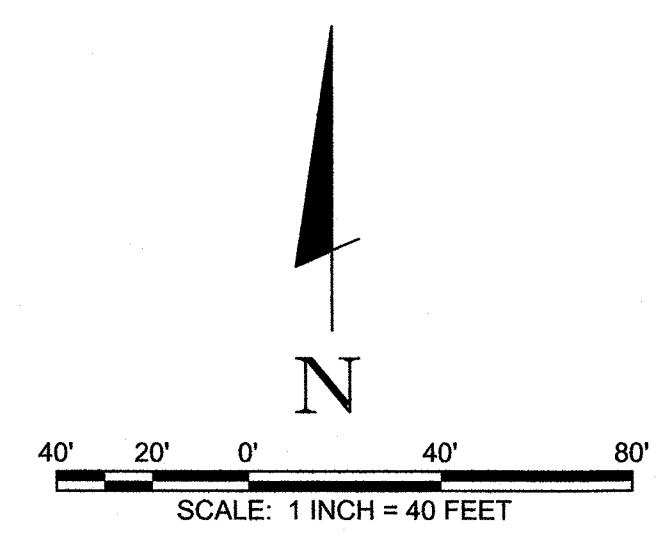
- TC TOP OF CASTING
- IE INVERT ELEVATION
- DOMW DOMESTIC WATER
- IRR IRRIGATION SERVICE
- SA SANITARY SERVICE
- SS SANITARY SEWER
- CL CHAIN LINK
- DBL DOUBLE
- FL FIRE LINE
- DL DOMESTIC LINE
- DIP DUCTILE IRON PIPE
- (E) EXISTING
- C/O CLEANOUT
- O.C. ON CENTER
- GV GATE VALVE
- LF LINEAR FEET
- PVC POLYVINYL CHLORIDE PIPE

**MWS HYDRANT FLOW TEST DATA**

WORK ORDER	3507455
TEST DATE	07/16/2019
FLOW HYDRANT ID	15722
STATIC PRESSURE	108
FLOW PRESSURE	74
MONITOR HYDRANT ID	01234
STATIC PRESSURE	102
RESIDUAL PRESSURE	86

*P122-268*  
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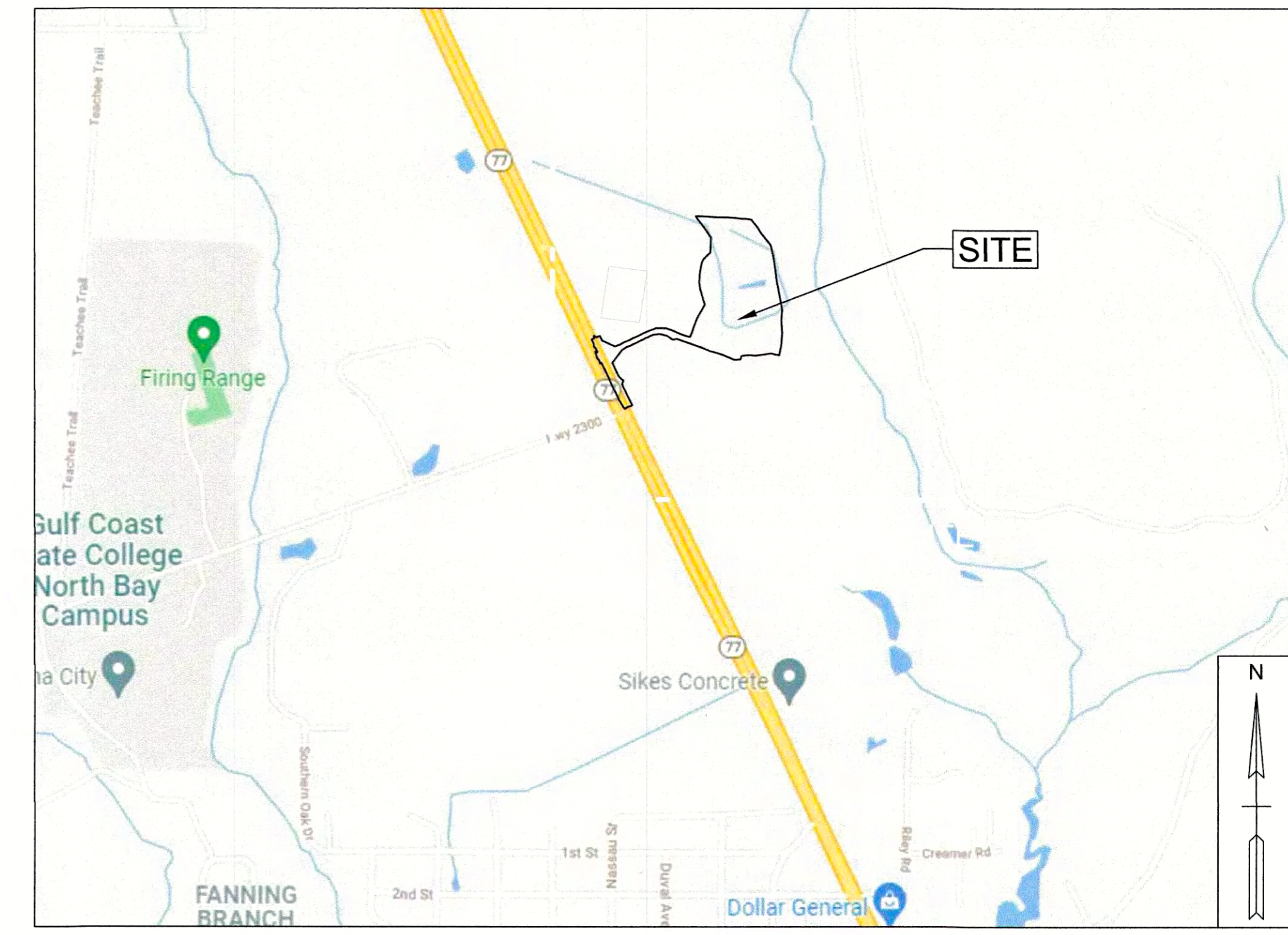
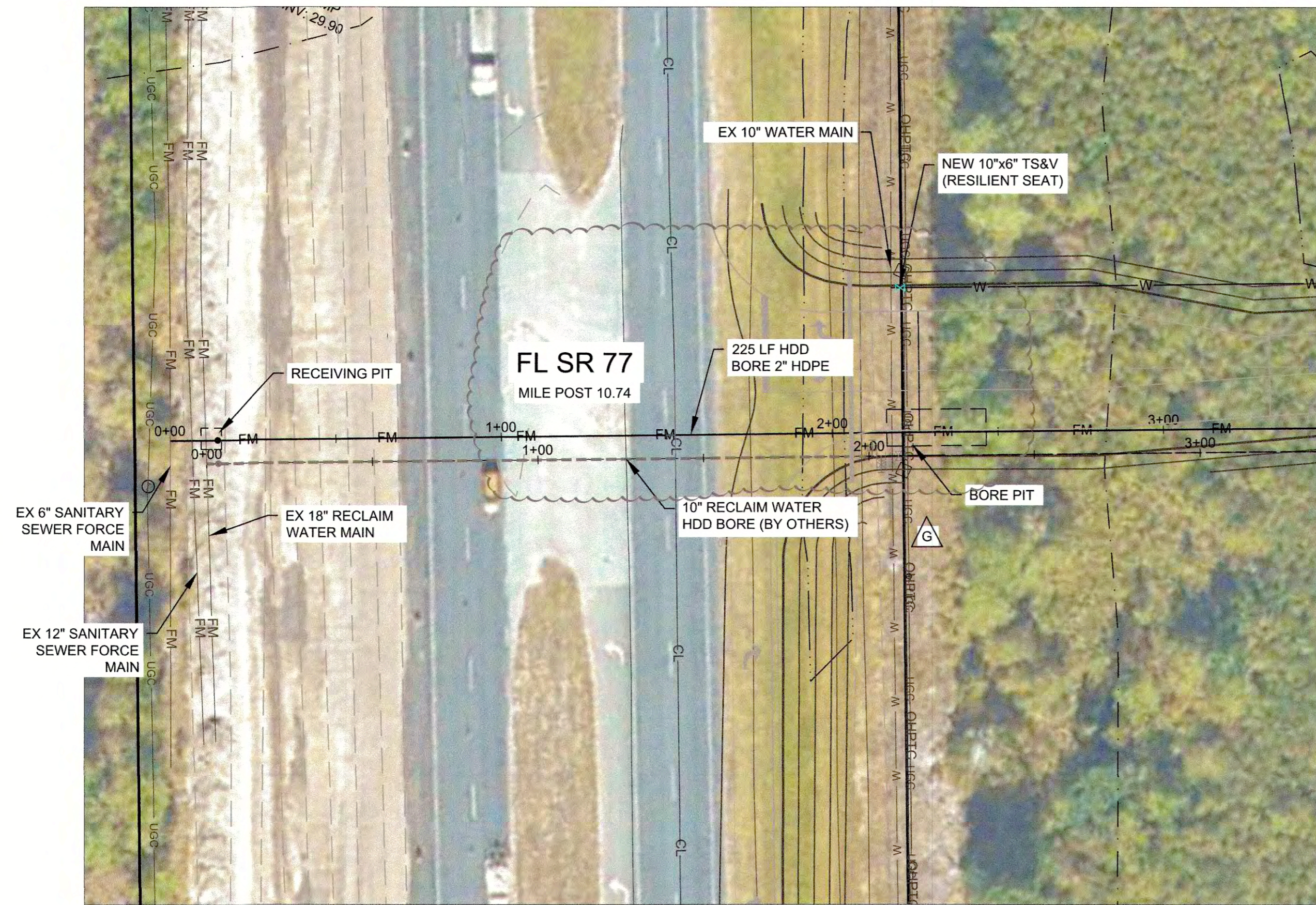
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USER:HWBROWN  
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SAVED: 12/19/2022  
PLOTTED: 05/19/2023

**SITE UTILITY PLAN**  
SITE IMPROVEMENTS FOR  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

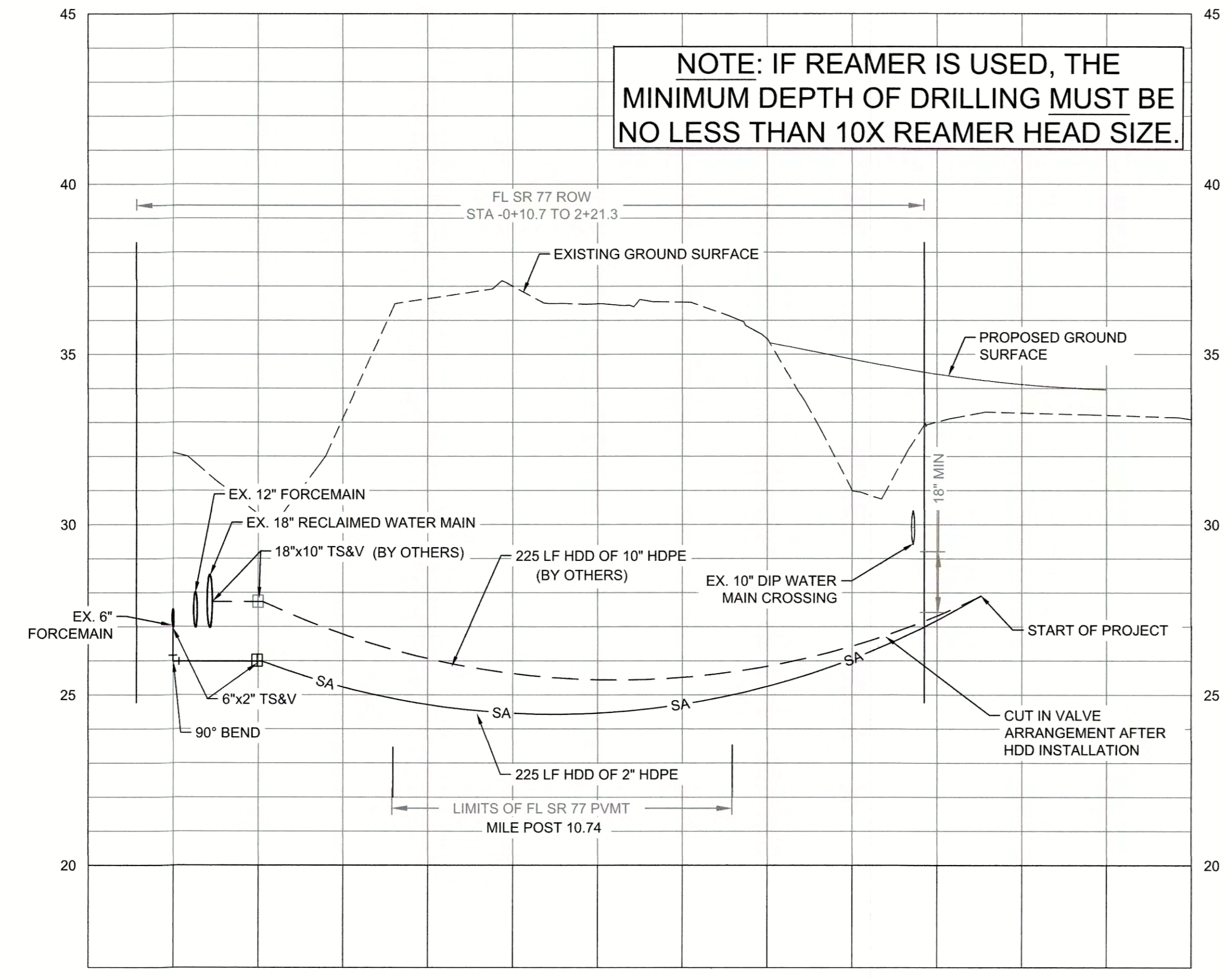
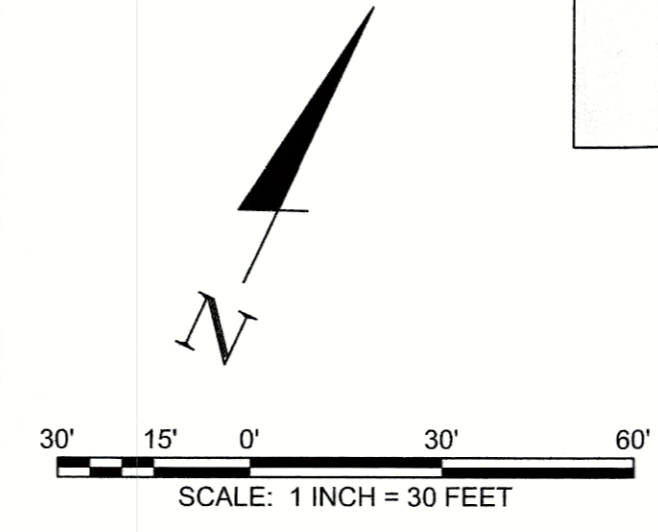
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A	HB	6KH	02/02/2022	60% REVIEW
B	HB	WJD	06/22/2022	ISSUED FOR PERMIT
C	HB	WJD	12/19/2022	ISSUED FOR PERMIT
D	HB	WJD	02/09/2023	REVISED PER COUNTY COMMENTS
E	HB	WJD	05/19/2023	REVISED PER COUNTY COMMENTS

**C3.04**  
37237-01



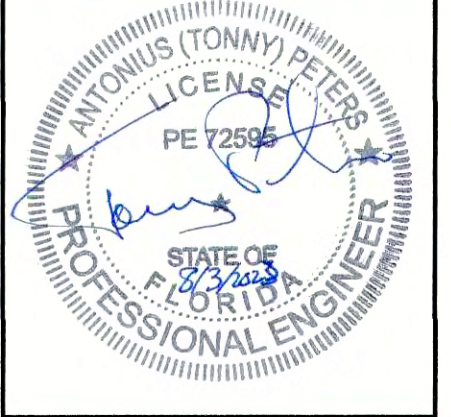
**VICINITY MAP**

NOT TO SCALE



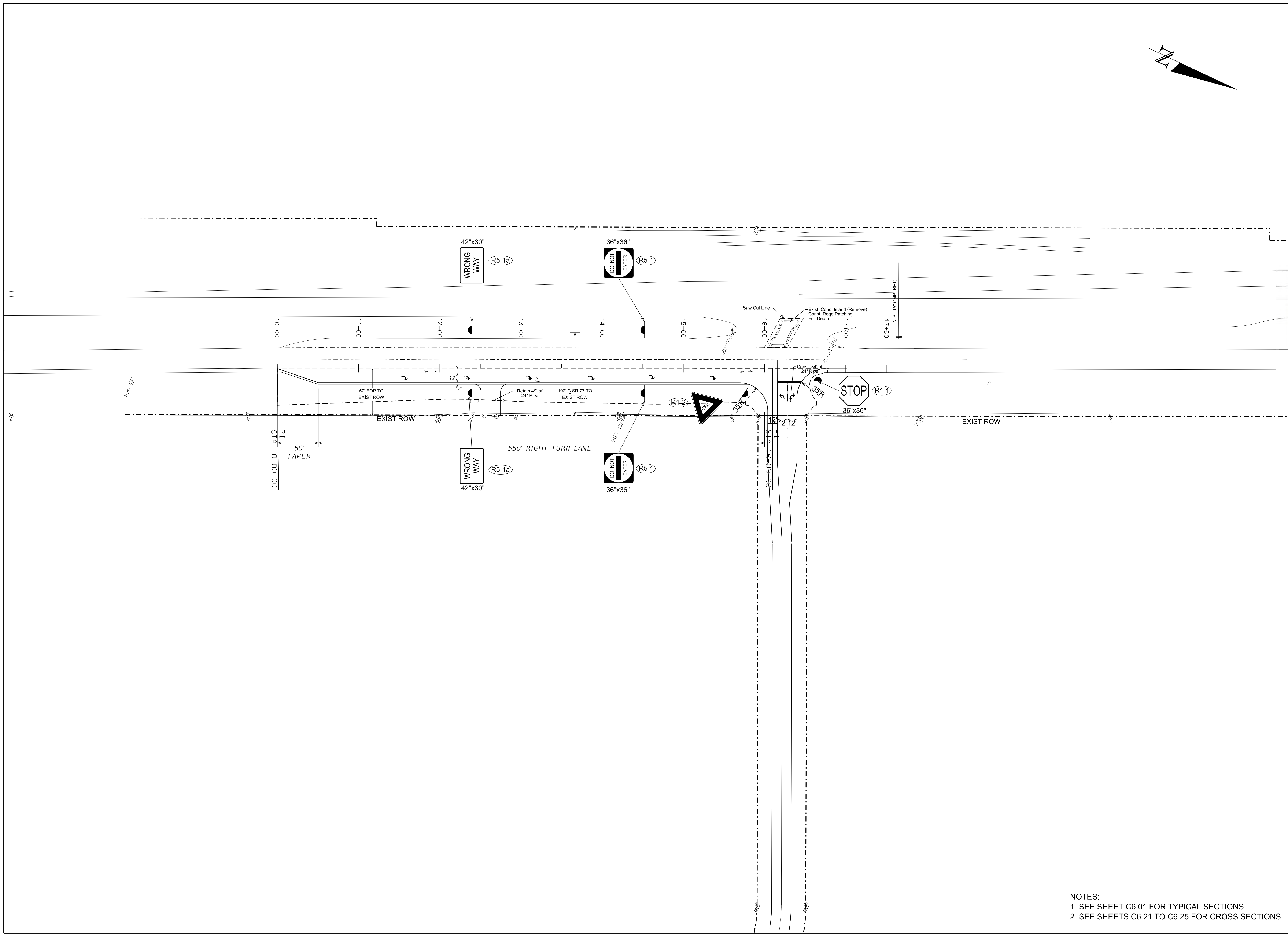
**NOTE: IF REAMER IS USED, THE MINIMUM DEPTH OF DRILLING MUST BE NO LESS THAN 10X REAMER HEAD SIZE.**

HDD Under FL SR 77 PROFILE STA. -0+25 TO 3+00  
SCALE: 1"=12' H  
1"=1' V



**HDD BORING PROFILE**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

REV.	DR.	CHK.	DATE	DESCRIPTION
A	HB	ORH	05/10/2022	60% REVIEW
B	HB	ORH	07/01/2022	90% REVIEW
C	HB	WJD	12/16/2022	ISSUE FOR PERMIT
D	HB	WJD	12/16/2022	ISSUE FOR PERMIT
E	HB	WJD	03/02/2023	REVISED PER COUNTY COMMENTS
F	HB	WJD	05/18/2023	REVISED PER COUNTY COMMENTS
G	HB	TP	08/02/2023	REVISED PER FOOT COMMENTS



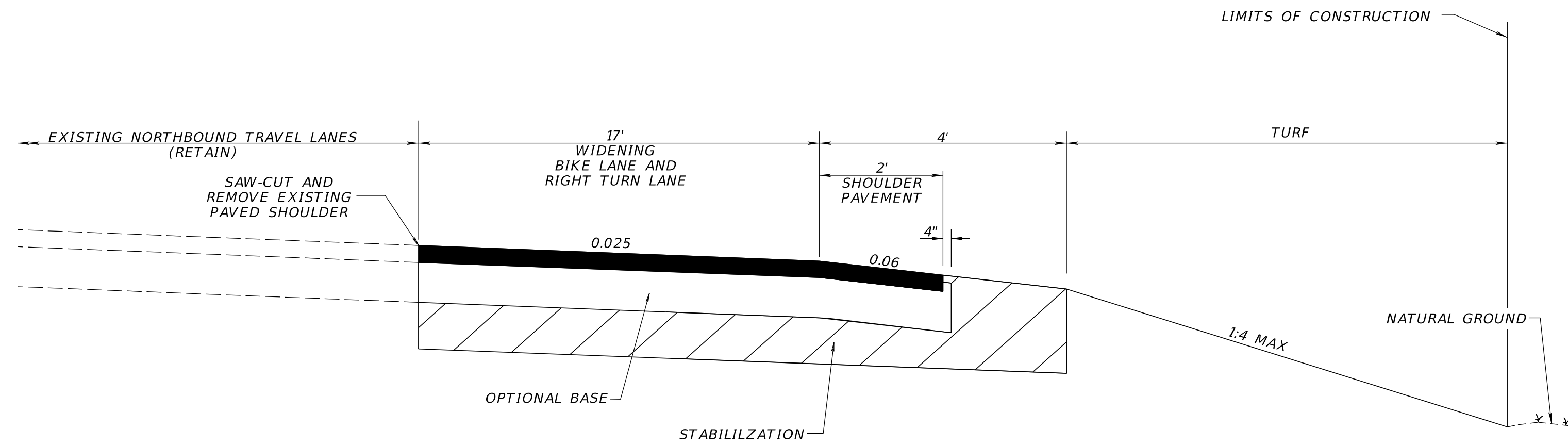
NOTES:  
 1. SEE SHEET C6.01 FOR TYPICAL SECTIONS  
 2. SEE SHEETS C6.21 TO C6.25 FOR CROSS SECTIONS

DR.	CHK.	DATE	DESCRIPTION
R/JN	DSN	12/05/2021	60% SUBMITTAL
R/JN	DSN	06/17/2022	90% SUBMITTAL
R/JN	DSN	05/22/2023	D.C. SUBMITTAL
R/JN	DSN	07/26/2023	FDOT PERMIT RESUBMITTAL

**SR 77 RIGHT TURN LANE PLAN**  
 SITE IMPROVEMENTS FOR  
**SOUTHPORT SPORTS COMPLEX**  
 BAY COUNTY, FL

PRELIMINARY  
 NOT FOR  
 CONSTRUCTION  
 DATE





**TYPICAL SECTION  
SR 77 RIGHT TURN LANE  
STA. 10+00.00 TO STA. 16+77.34**

**TRAVEL LANES**

OPTIONAL BASE GROUP 9 WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (5 1/2")  
AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

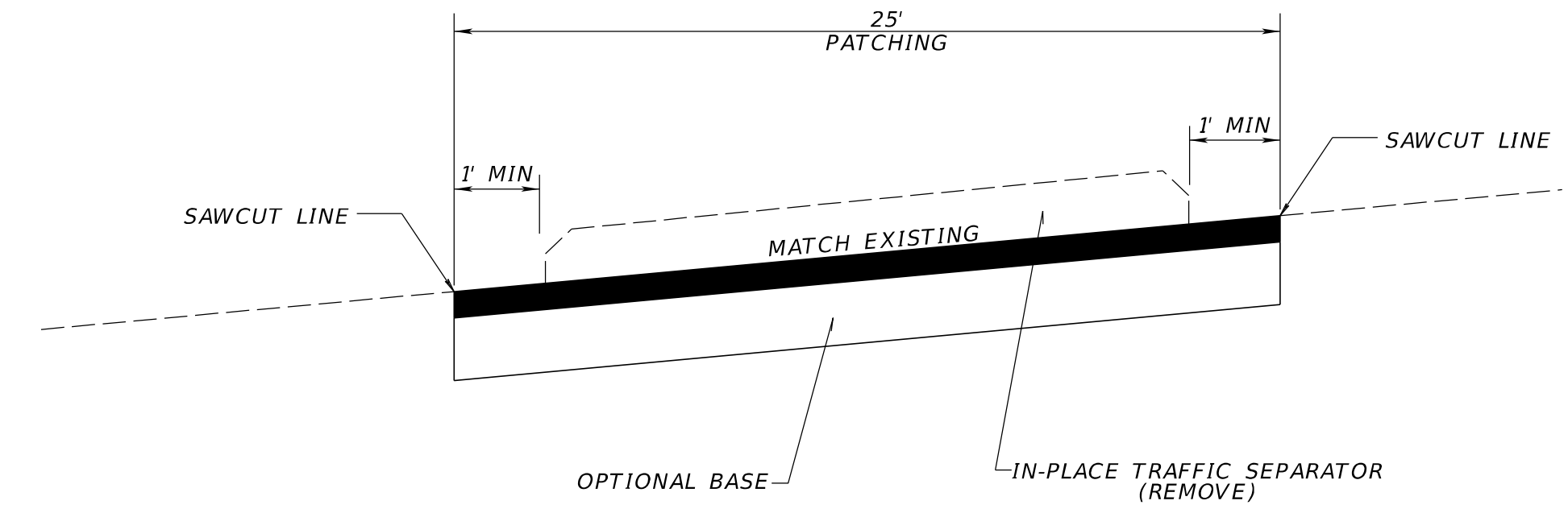
**SHOULDER PAVEMENT**

OPTIONAL BASE GROUP 9 WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (5 1/2")  
AND FRICTION COURSE FC-5 (3/4") (PG 76-22)

**TRAFFIC DATA**

CURRENT YEAR = 2021 AADT = 25000  
ESTIMATED OPENING YEAR = 2023 AADT = 26300  
ESTIMATED DESIGN YEAR = 2043 AADT = 43100  
K = 9% D = 57% T = 14.7% (24 HOUR)  
DESIGN HOUR T = 5%  
DESIGN SPEED = 70 MPH

NOTE: SR 77 RIGHT TURN LANE BUILD-UP SHALL  
BE USED ON THE SOUTHPORT SPORTS COMPLEX ACCESS ROAD TURN-OUT  
TO THE RIGHT-OF-WAY.



**CROSSOVER PATCHING DETAIL  
OPTIONAL BASE GROUP 8 WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3 1/2")**



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DATE

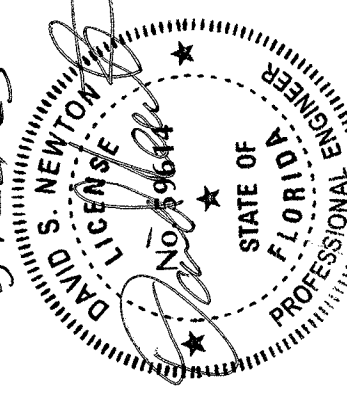
SR 77 TYPICAL SECTIONS

SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
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DR.	CHK.	DATE	DESCRIPTION
R/JN	DSN	12/05/2021	60% SUBMITTAL
R/JN	DSN	08/17/2022	90% SUBMITTAL
R/JN	DSN	08/12/2022	90% PERMIT SUBMITTAL

C6.01  
2022 A 301.0003  
FILE NO. 37327-01  
Lisa Ward  
6/12/2023





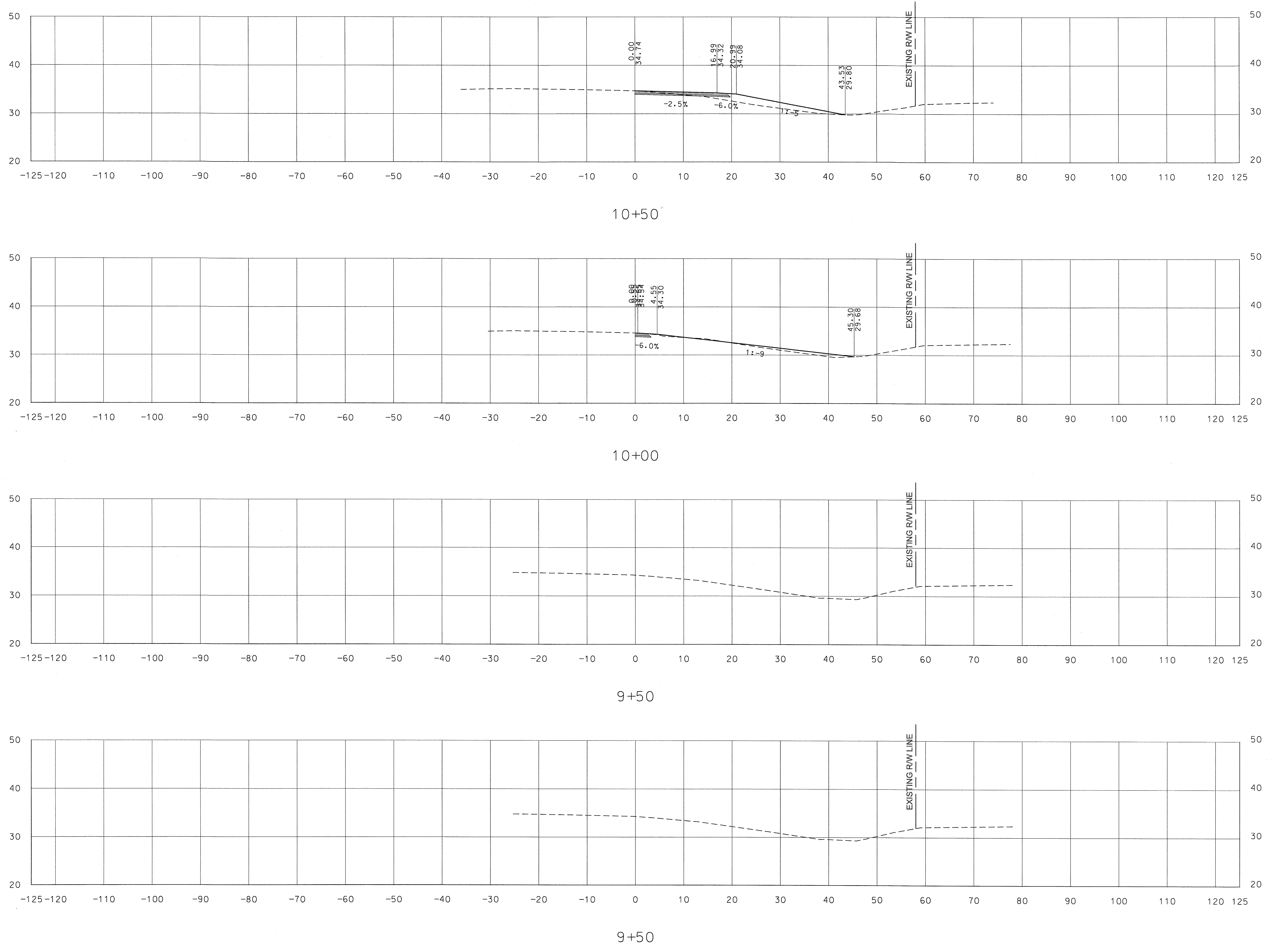
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CONSTRUCTION

SR 77 RIGHT TURN LANE  
CROSS SECTIONS  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL

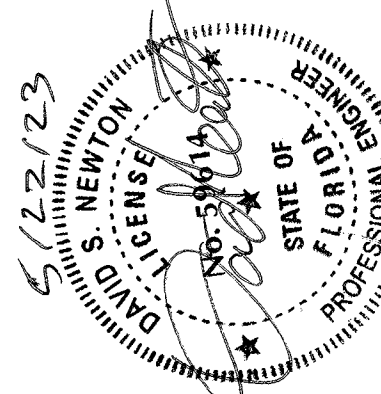
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	DSN	07/07/2022	90% SUBMITTAL
	DSN	05/22/2022	90% SUBMITTAL
	DSN	06/22/2023	D.G. SUBMITTAL

**C6.21**  
FILE NO. 37327-01

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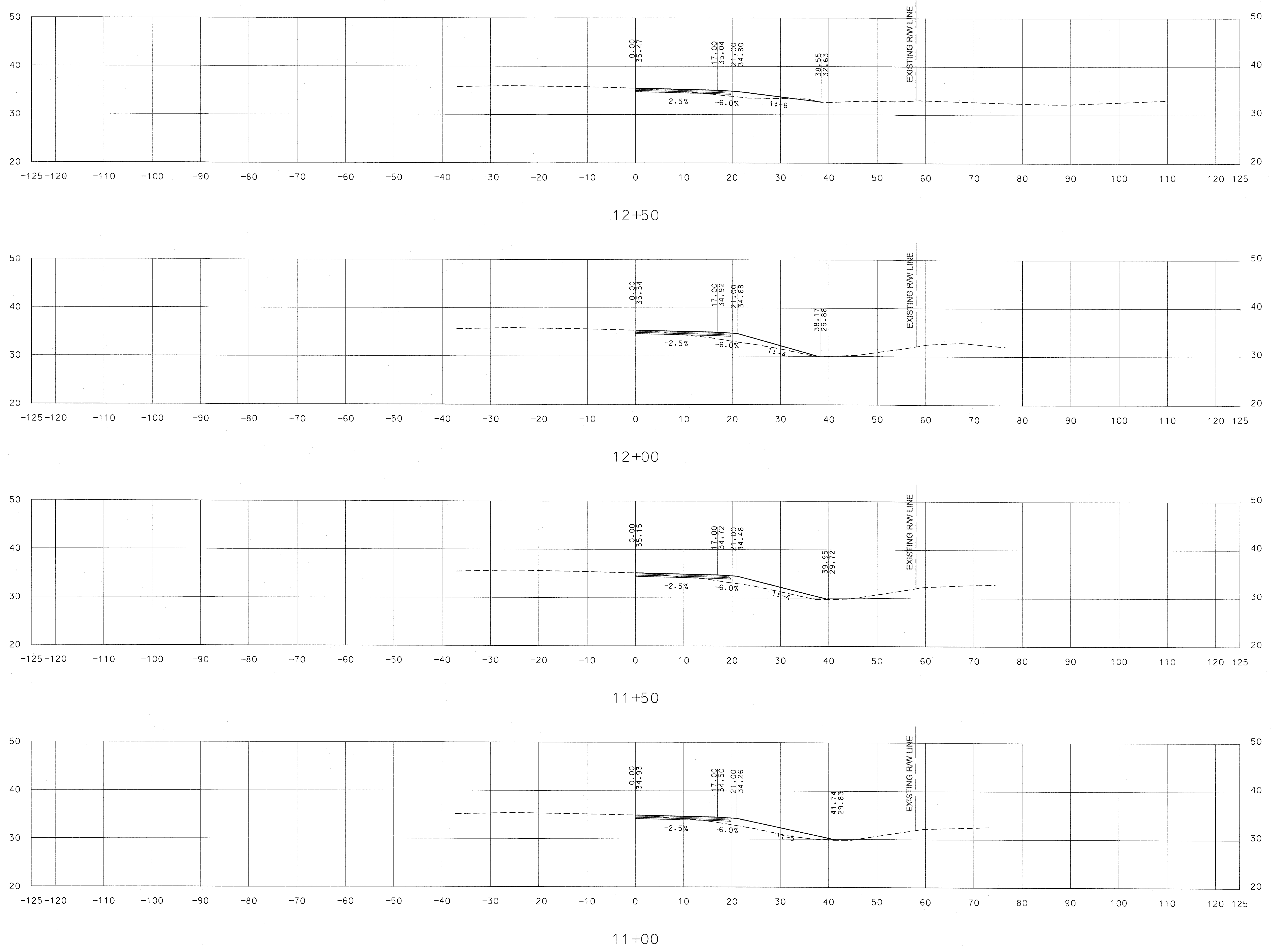
PRELIMINARY  
NOT FOR  
CONSTRUCTION

SR 77 RIGHT TURN LANE  
CROSS SECTIONS  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL

DR.	CHK.	DATE	DESCRIPTION
	RSN	12/03/2021	60% SUBMITTAL
	RSN	07/01/2022	90% SUBMITTAL
	RSN	02/22/2023	90% SUBMITTAL
	RSN	06/22/2023	D.G. SUBMITTAL

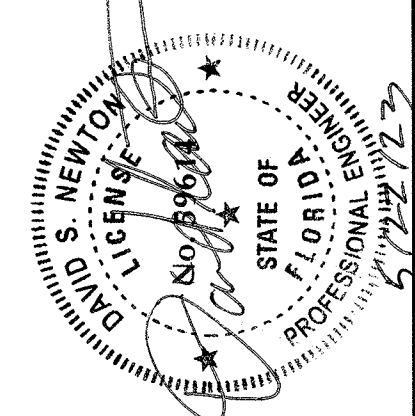
**C6.22**  
FILE NO. 37327-01

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JUN 04 2023

SDGNS



PRELIMINARY  
NOT FOR  
CONSTRUCTION

DATE \_\_\_\_\_

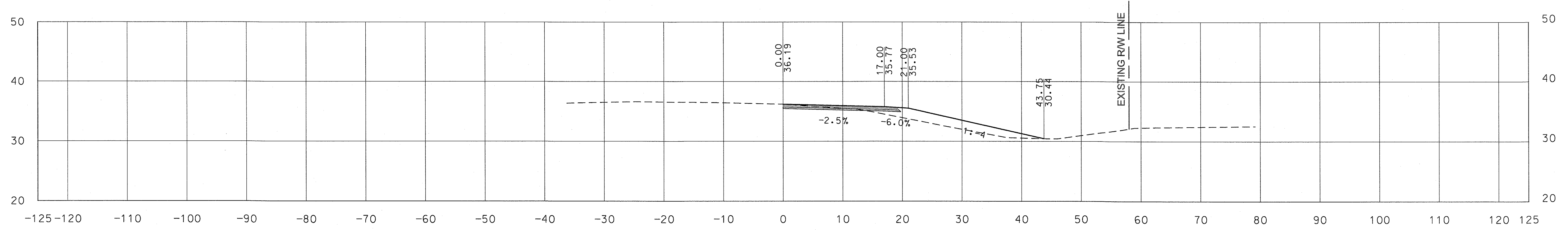
SR 77 RIGHT TURN LANE  
CROSS SECTIONS

SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL

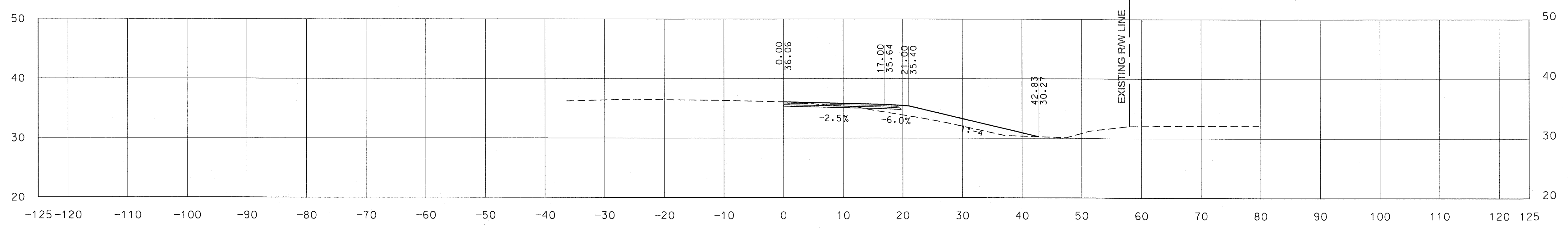
DR.	CHK.	DATE	DESCRIPTION
	CHK	12/03/2021	60% SUBMITTAL
	DSN	07/01/2022	60% SUBMITTAL
	RUN	07/01/2022	60% SUBMITTAL
	CHK	05/22/2023	60% SUBMITTAL
	DSN	05/22/2023	60% SUBMITTAL
	RUN	05/22/2023	60% SUBMITTAL

**C6.23**  
FILE NO. 37327-01

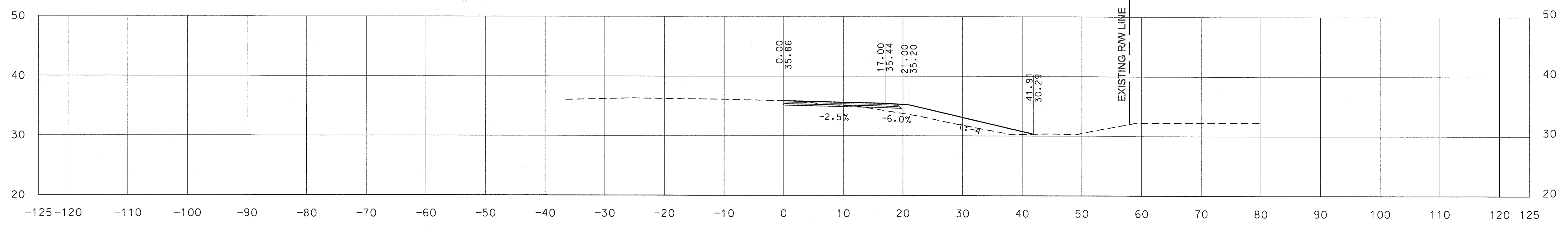
APPROVED AS NOTED  
cc Hms 4/22/23  
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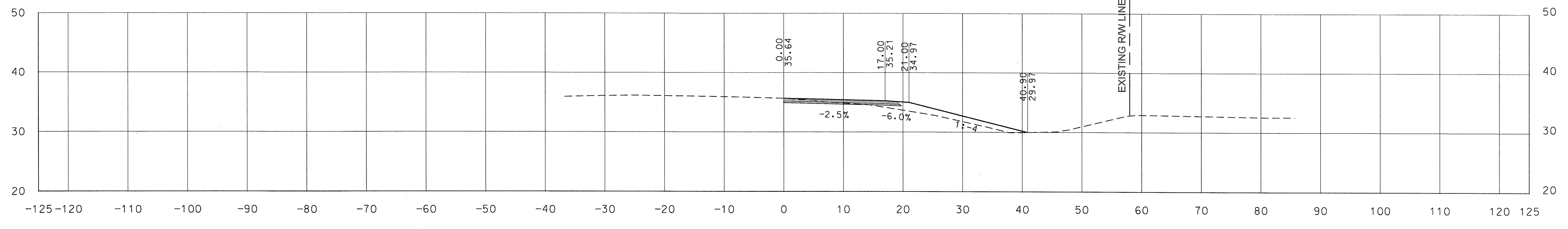
14+50



14+00



13+50

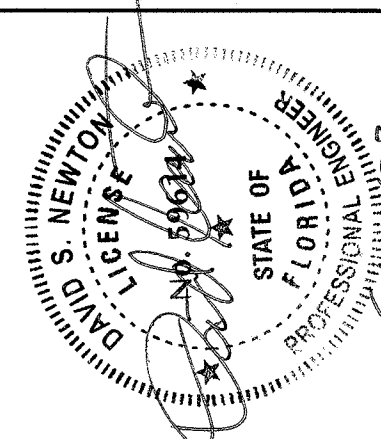


13+00

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\$TIMES

SDGNS



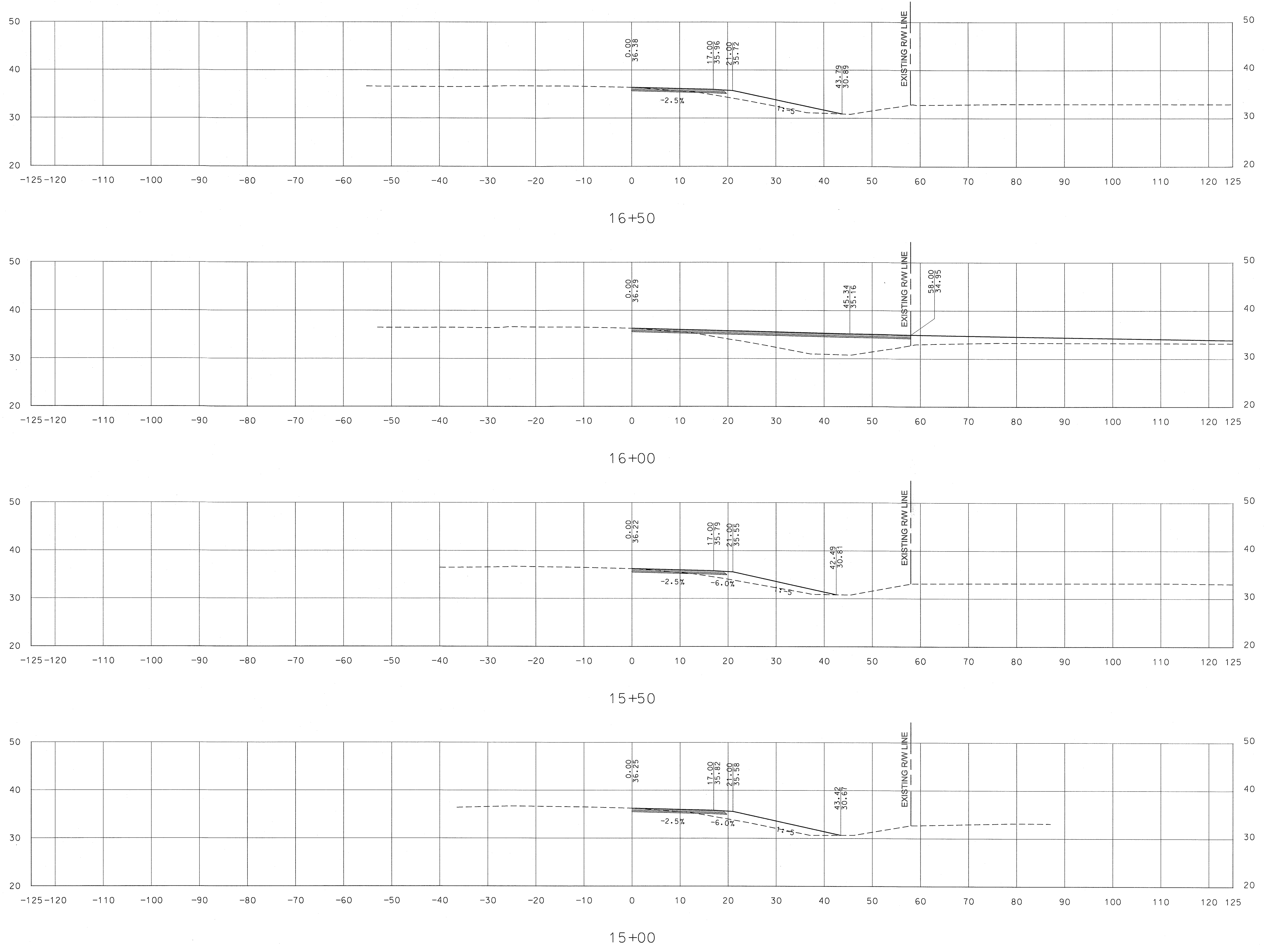
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NOT FOR  
CONSTRUCTION

SR 77 RIGHT TURN LANE  
CROSS SECTIONS  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL

DR.	CHK.	DATE	DESCRIPTION
RUN	DSN	12/03/2021	60% SUBMITTAL
RUN	DSN	07/07/2022	90% SUBMITTAL
RUN	DSN	06/22/2022	95% SUBMITTAL
RUN	DSN	06/22/2022	D.G. SUBMITTAL

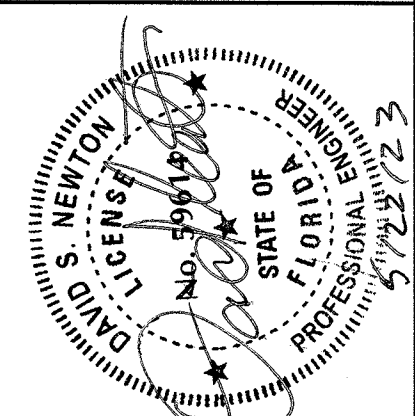
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FILE NO. 37327-01

2222-249  
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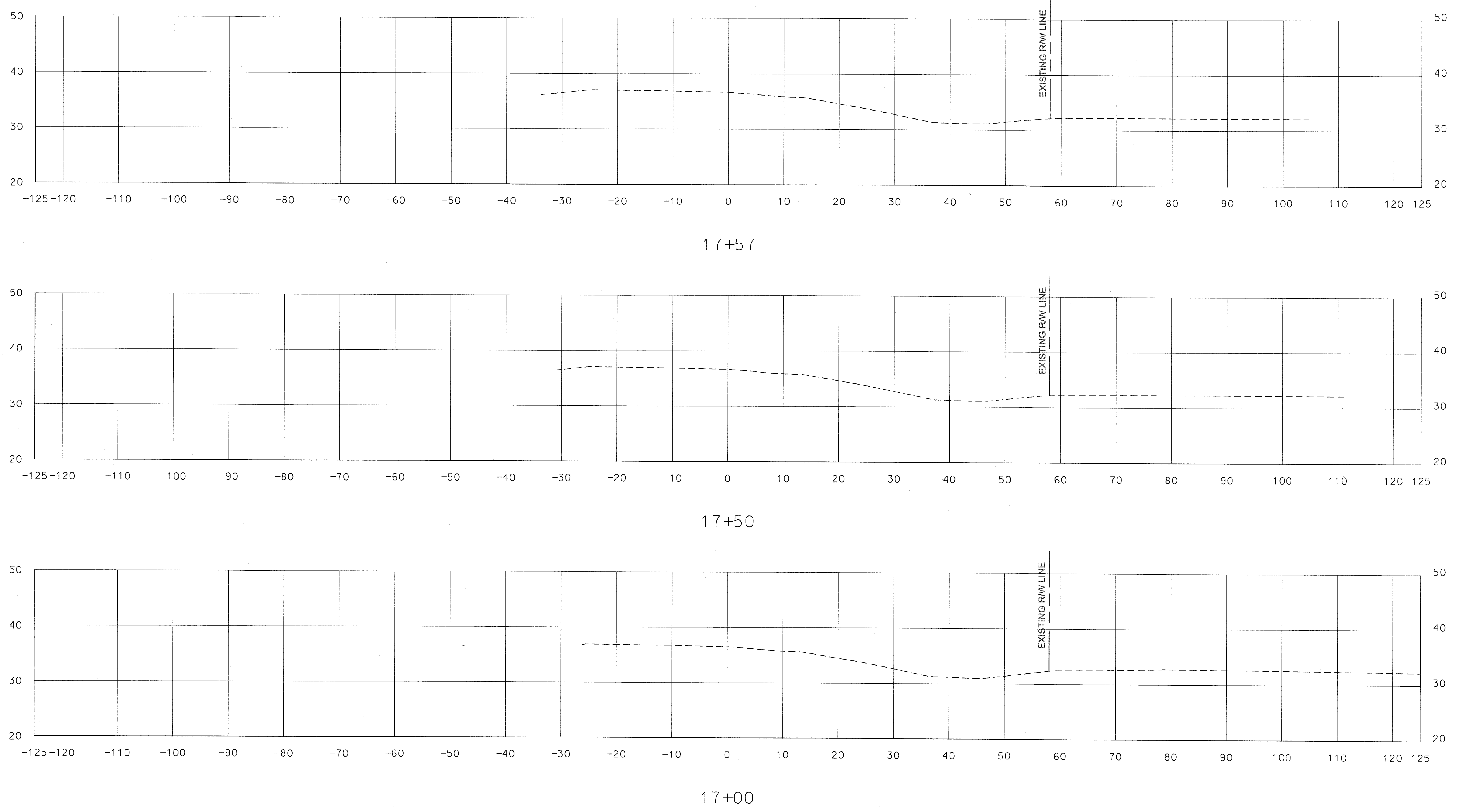
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CONSTRUCTION

SR 77 RIGHT TURN LANE  
CROSS SECTIONS  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL



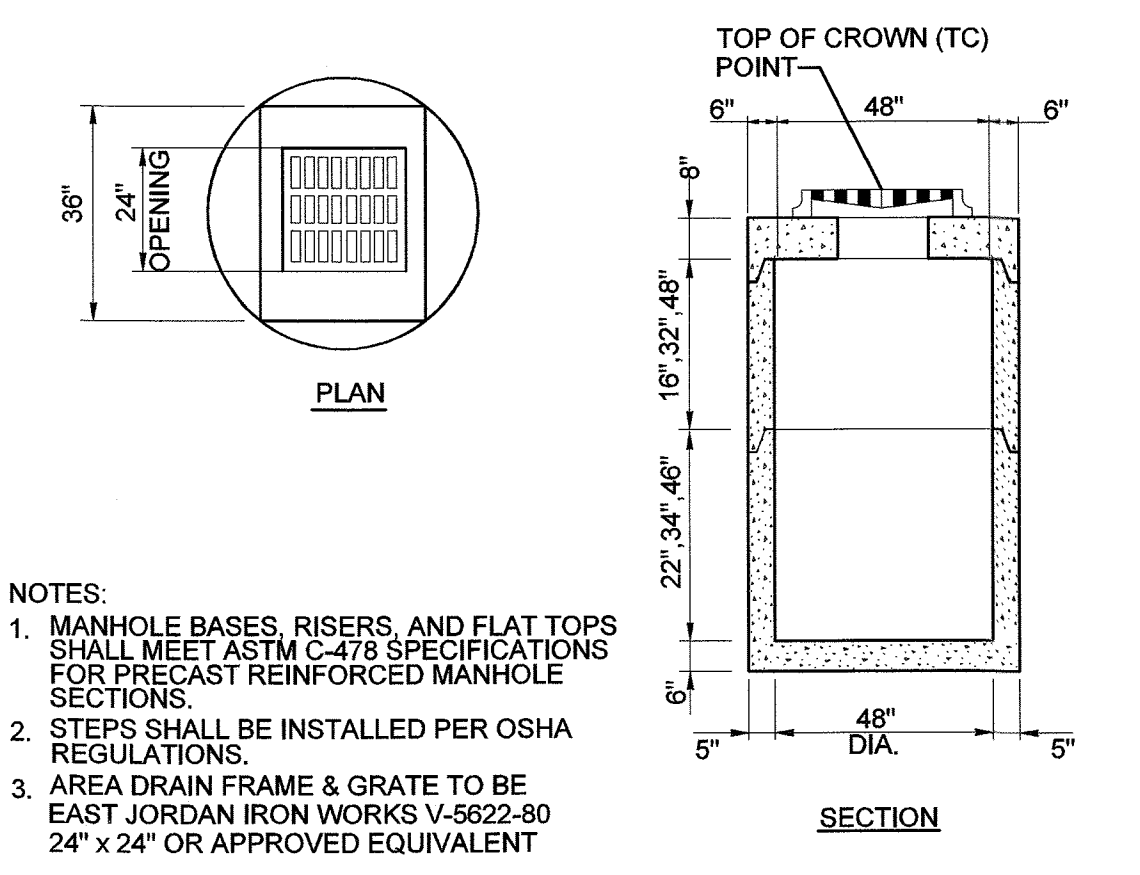
P2 22-268  
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DR.	CHK.	DATE	DESCRIPTION
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	RAN	06/07/2022	90% SUBMITTAL
	RAN	06/07/2022	90% SUBMITTAL
	RAN	06/22/2023	D.O. SUBMITTAL

**C6.25**  
FILE NO. 37327-01

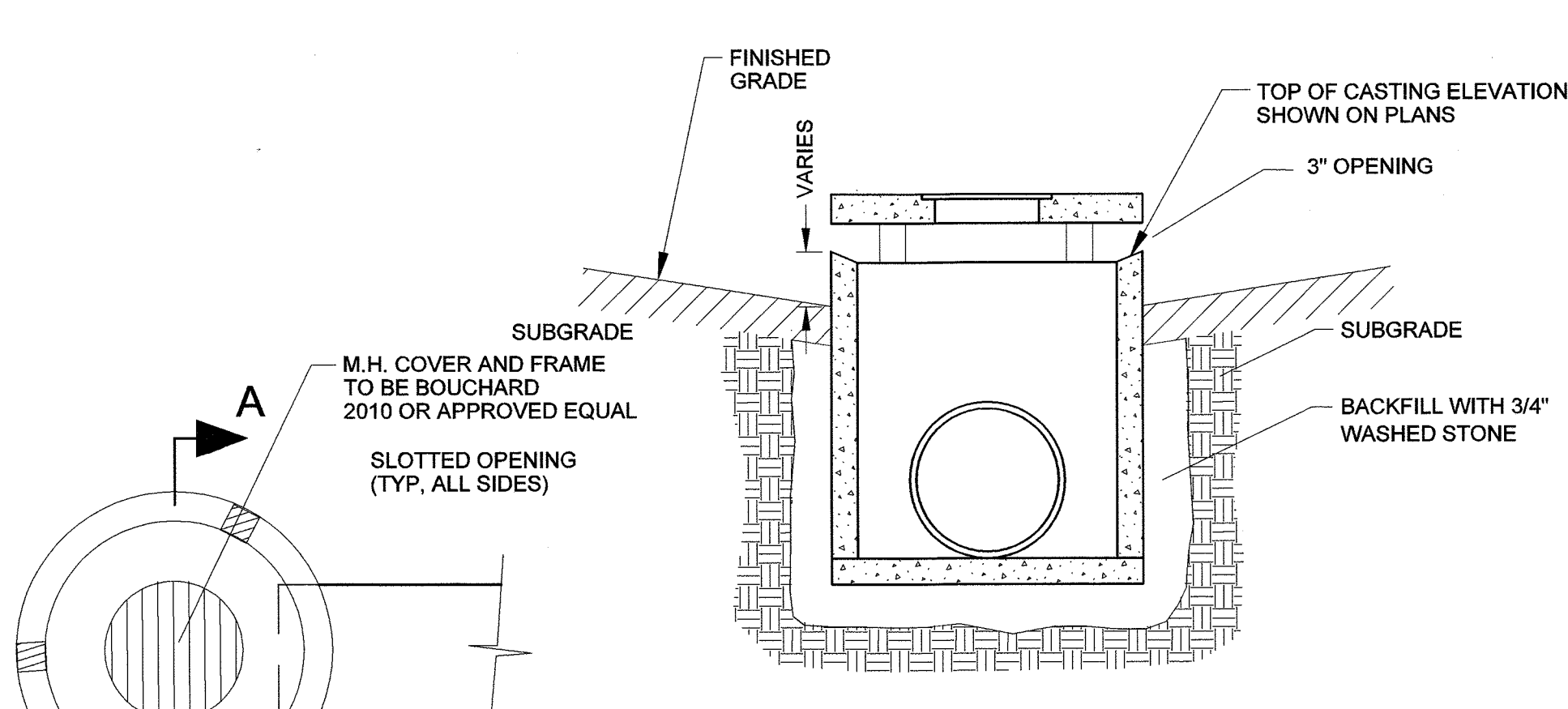
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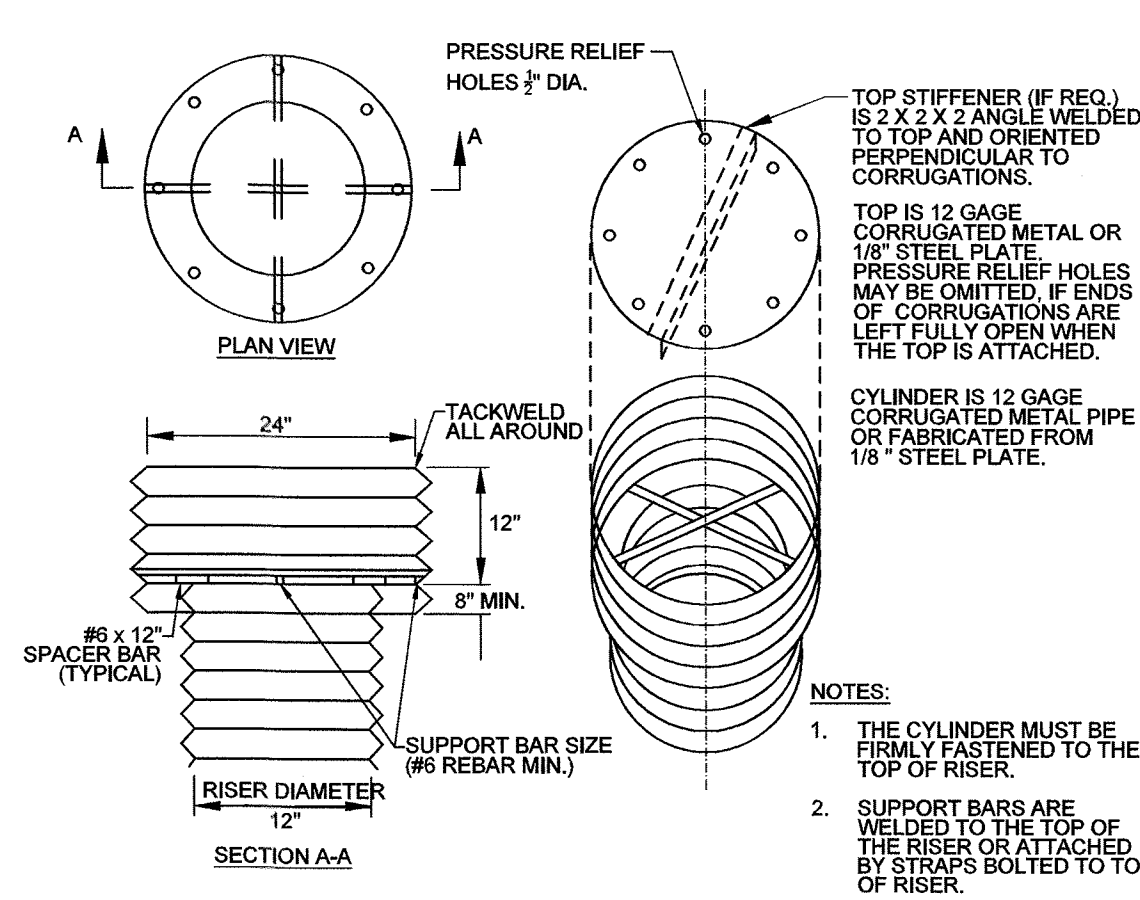
**1 CATCH BASIN AND AREA DRAIN**  
C7.02 N.T.S.

- NOTES:
1. MANHOLE BASES, RISERS, AND FLAT TOPS SHALL MEET ASTM C-478 SPECIFICATIONS FOR PRECAST REINFORCED MANHOLE SECTIONS.
  2. STEPS SHALL BE INSTALLED PER OSHA REGULATIONS.
  3. AREA DRAIN FRAME & GRATE TO BE EAST JORDAN IRON WORKS V-5622-90 24" x 24" OR APPROVED EQUIVALENT



**2 YARD INLET**  
C7.02 N.T.S.

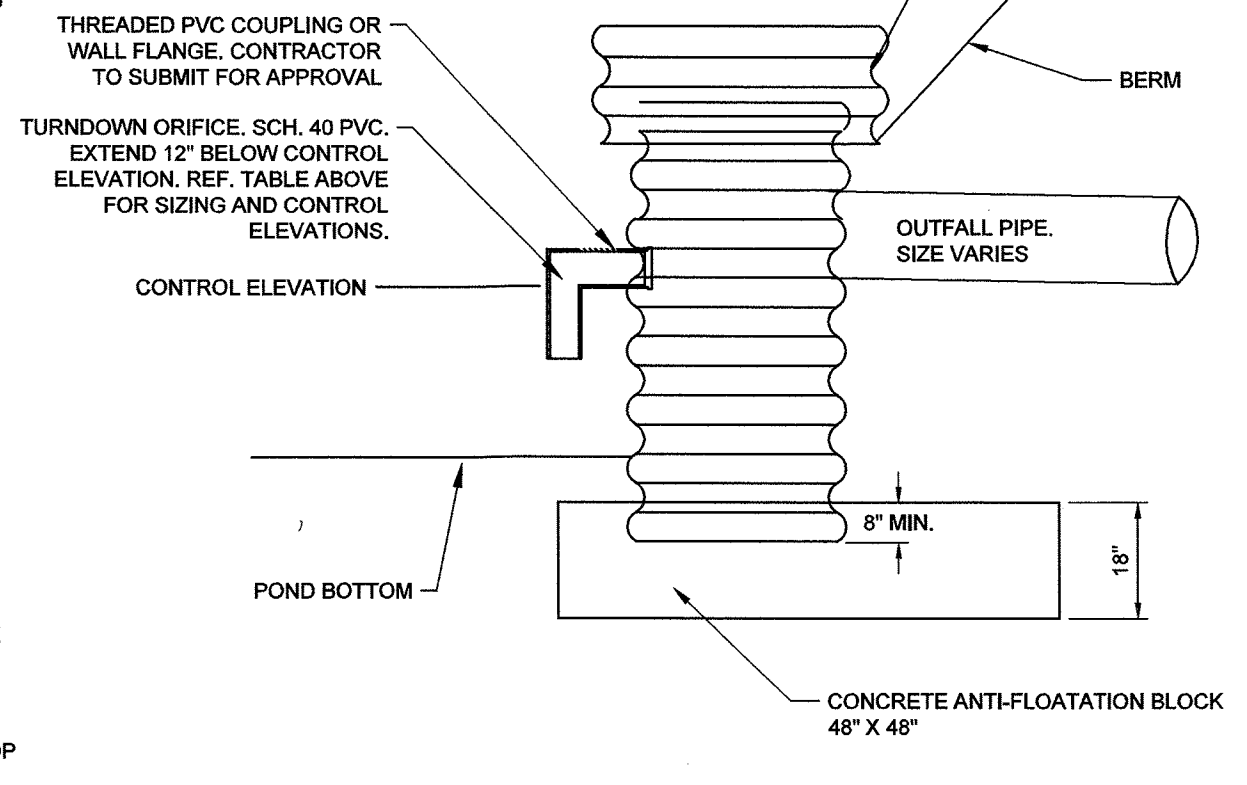
- NOTES:
1. STEPS SHALL BE PROVIDED WHEN THE DEPTH OF THE STRUCTURE IS GREATER THAN 4'-0". STEPS SHALL BE PLACED ON 16" CENTERS.
  2. INLETS SHALL MEET A.S.T.M. C478 SPECIFICATIONS.
  3. THE TOP AND ITS SUPPORTS MAY BE PRECAST AS ONE UNIT.



**3 TYPE I POND OUTLET CONTROL STRUCTURE**  
C7.02 SCALE: NTS

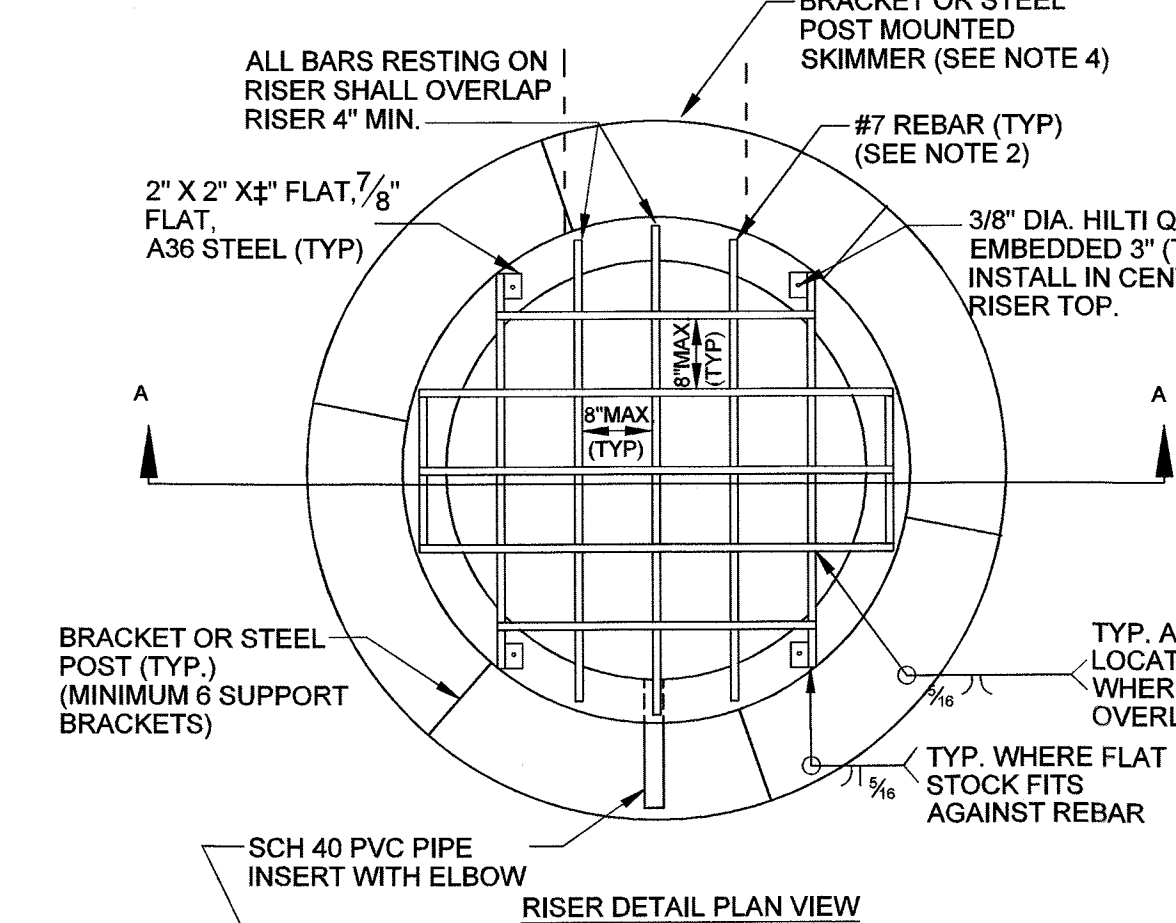
- NOTES:
1. THE CYLINDER MUST BE FIRMLY FASTENED TO THE TOP OF RISER.
  2. SUPPORT BARS ARE WELDED TO THE TOP OF THE RISER OR ATTACHED BY STRAPS BOLTED TO TOP OF RISER.

WET DETENTION BASIN NO.	ORIFICE DIAMETER	CONTROL ELEVATION
6	1.25"	34.25
9	0.75"	34.80
11	0.75"	35.00

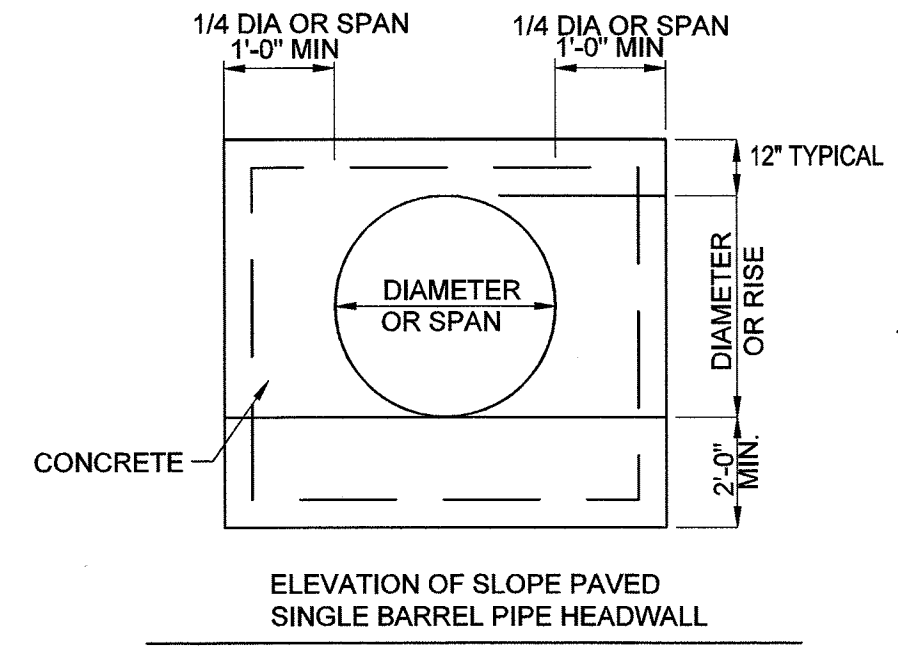
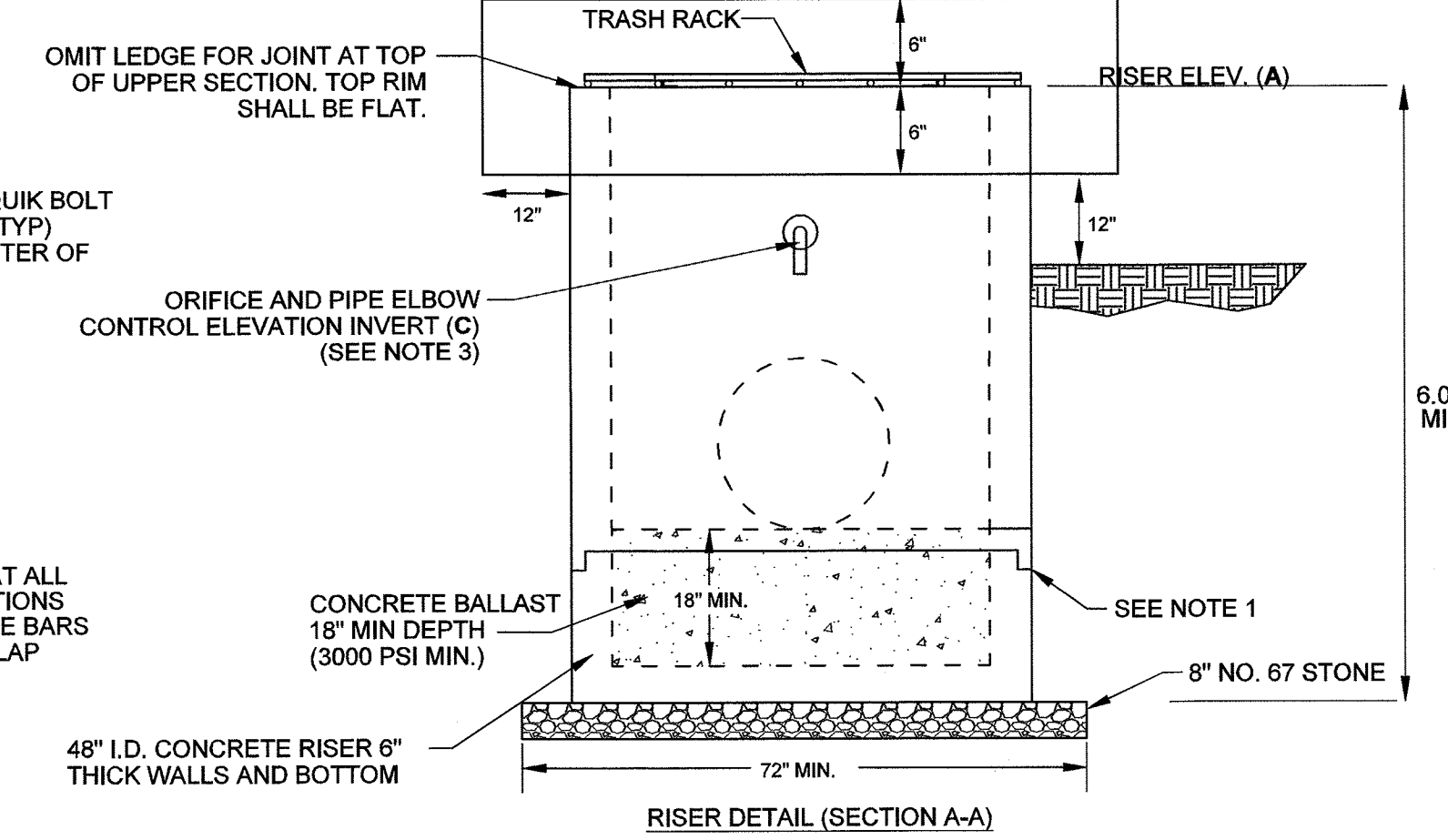


- NOTES:
1. ALL JOINTS SHALL BE WATERTIGHT USING MASTIC SEALANT.
  2. 7/8" DIA. SOLID A36 STEEL BAR MAY BE USED. ALL STEEL TO BE PRIMED AND PAINTED AFTER WELDING W/OUTDOOR RATED ENAMEL SPECIFIED FOR APPLICATION TO STEEL. FINISHED PAINT COLOR SHALL BE GRAY OR BROWN.
  3. EPOXY SCH 40 PVC PIPE IN PLACE. EXTEND PIPE INTO POND AND ELBOW DOWN BELOW IE.
  4. SKIMMER PLATE, BRACKETS AND/OR POSTS SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.

WET DETENTION BASIN NO.	ORIFICE DIAMETER	CONTROL ELEVATION
1	1.75"	30.00
2	1.25"	30.50

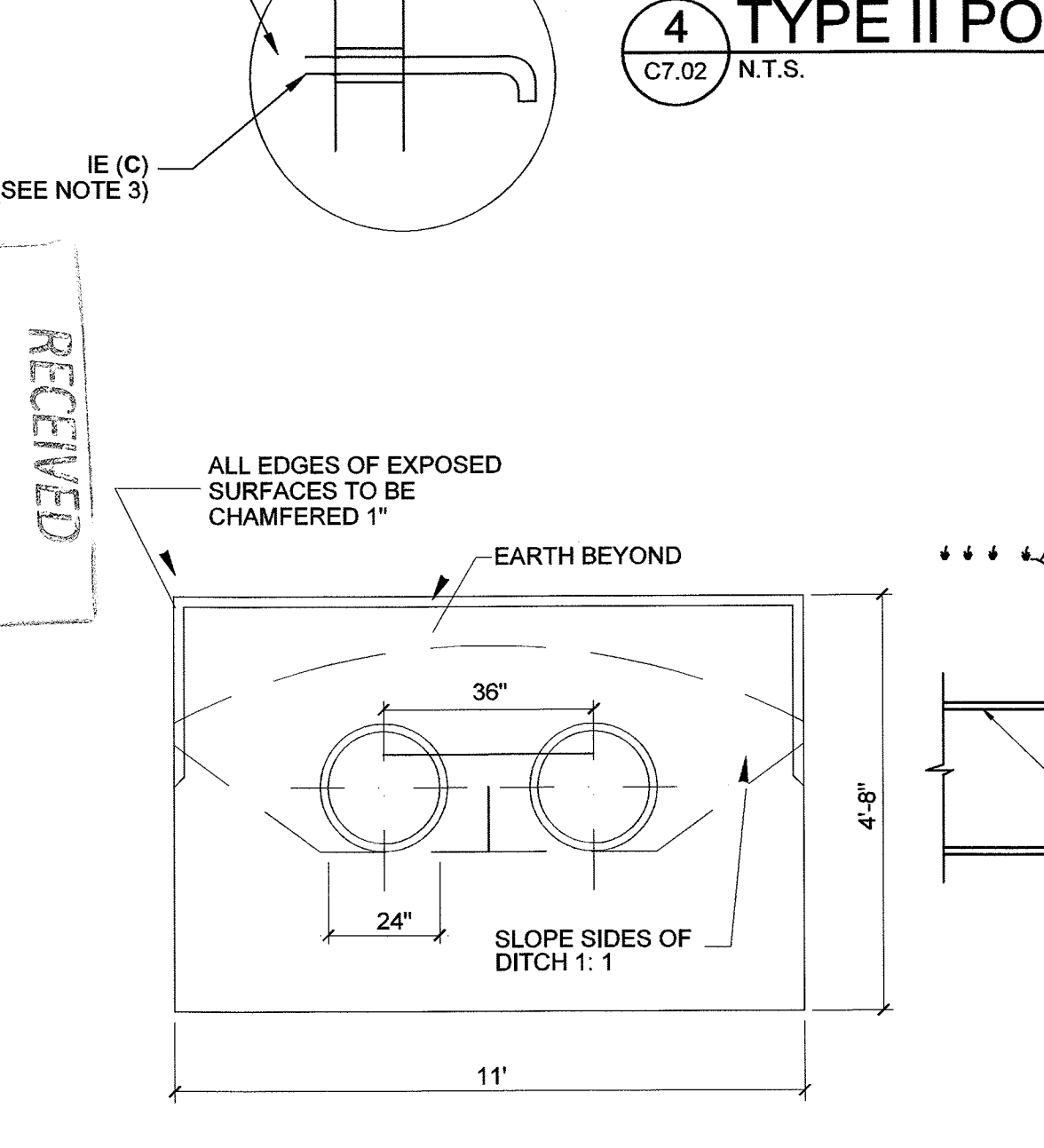
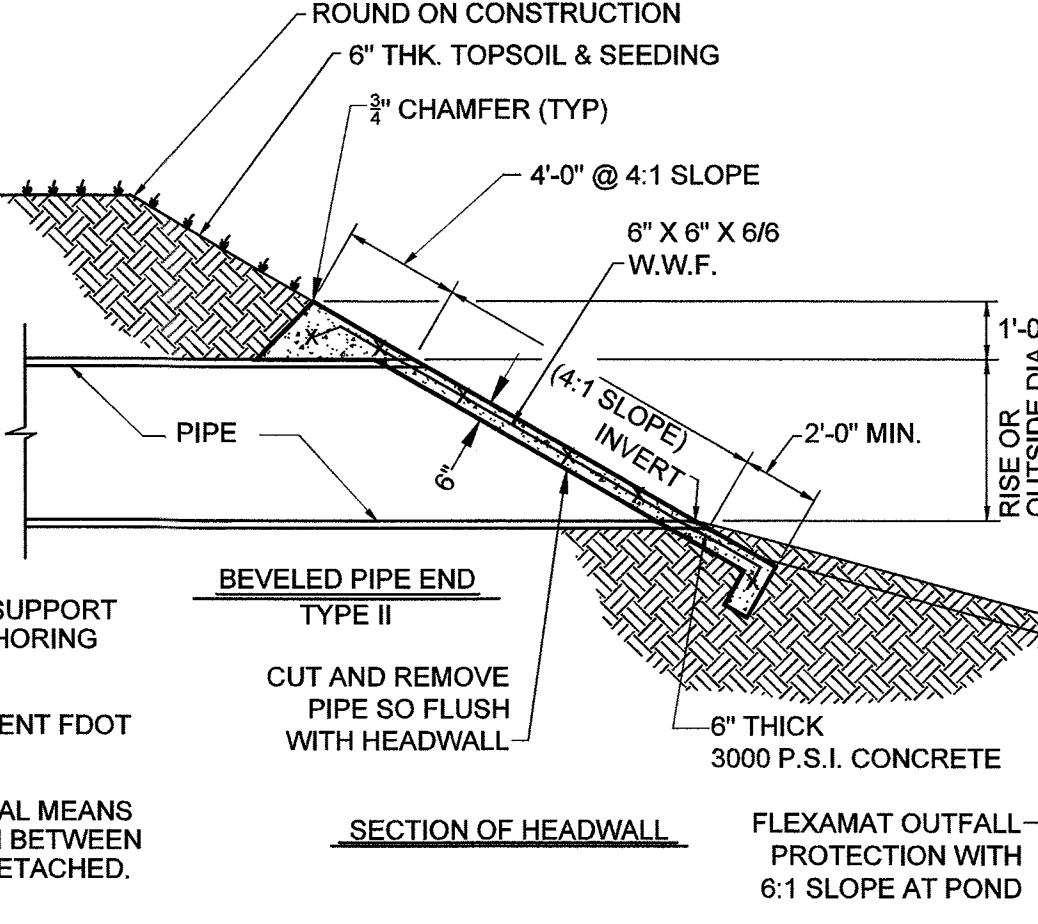


**4 TYPE II POND OUTLET CONTROL STRUCTURE**  
C7.02 N.T.S.

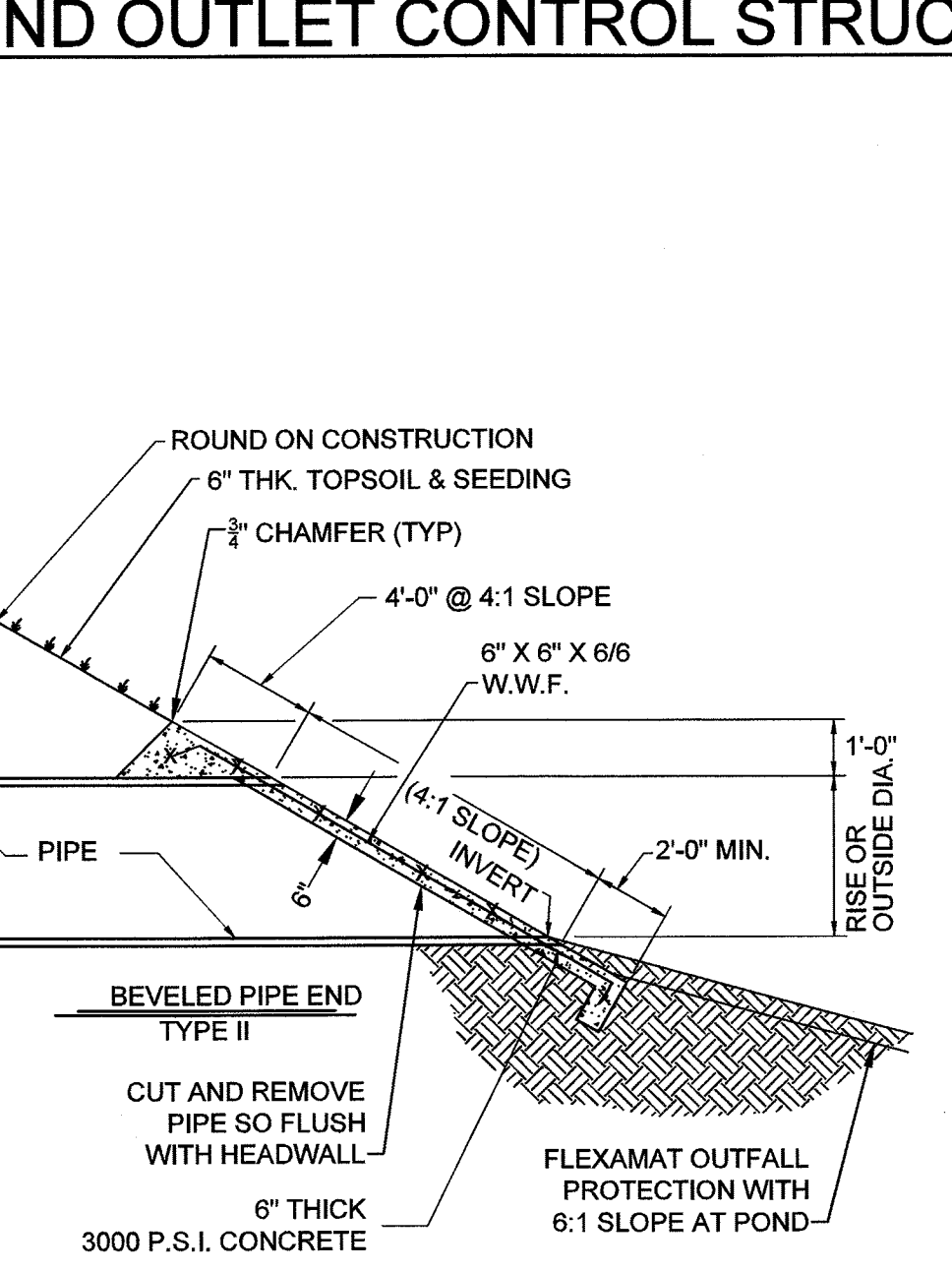


**5 SLOPE PAVED HEADWALL**  
C7.03 NTS

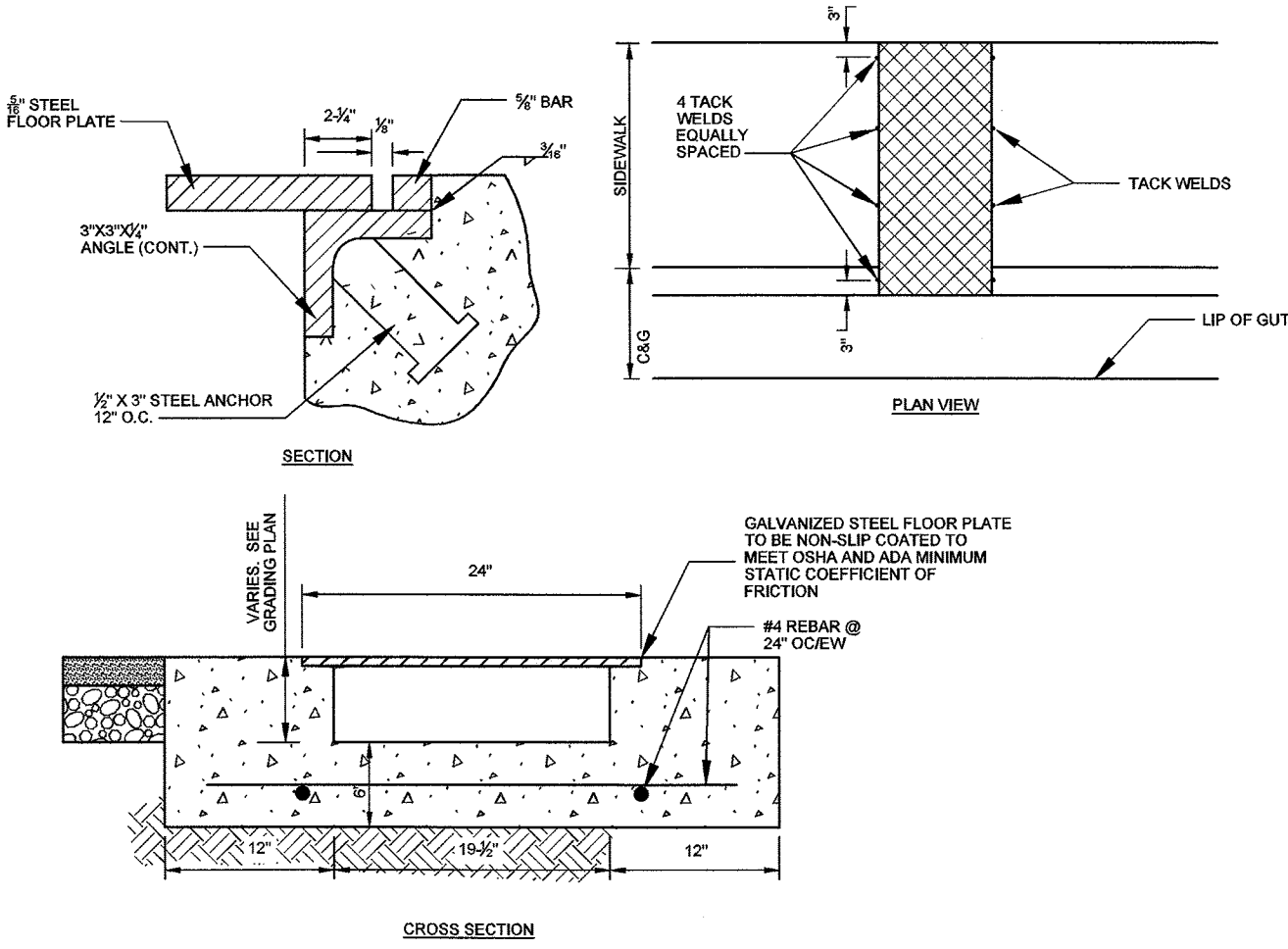
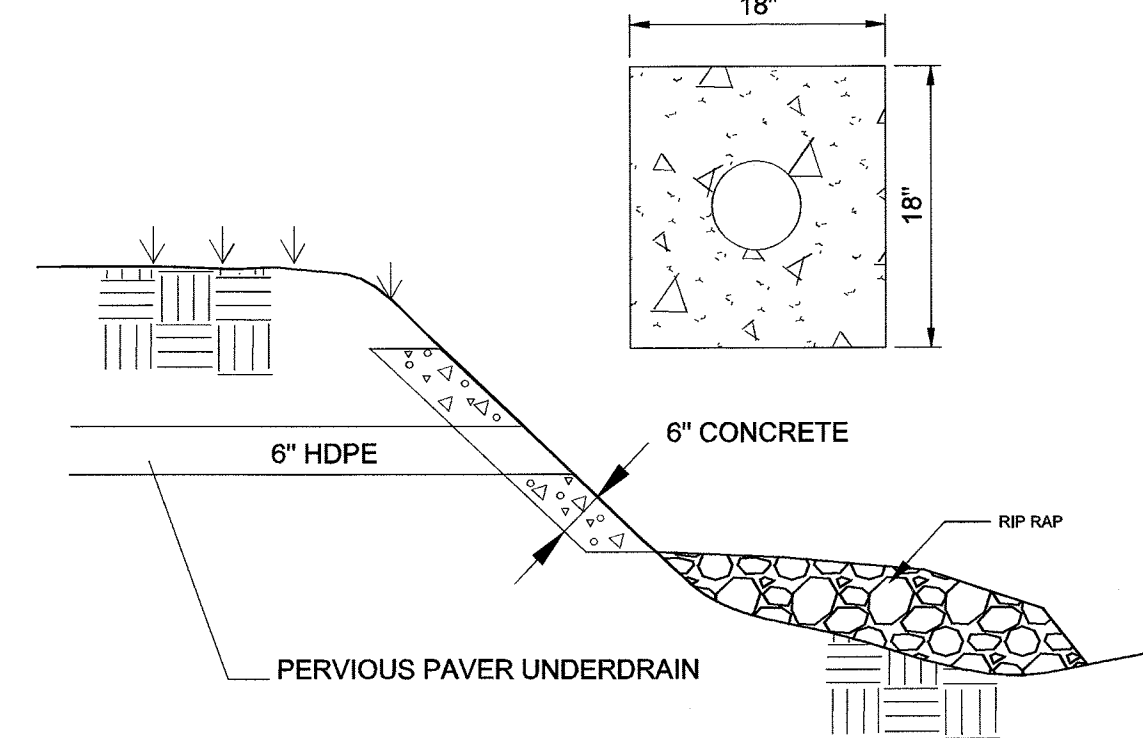
- NOTES FOR SLOPE PAVED HEADWALLS
1. THIS HEADWALL IS NOT DESIGNED TO OFFER ANY SUPPORT TO THE PIPE. THE FILL IS TO BE PLACED AND ALL SHORING REMOVED BEFORE THE SLOPE PAVING IS PLACED.
  2. ALL SLOPE PAVING SHALL CONFORM TO THE CURRENT FDOT STANDARD SPECIFICATIONS.
  3. CONTRACTOR SHALL INSURE THROUGH MECHANICAL MEANS OR OTHER APPROVED DEVICES THAT CONNECTION BETWEEN BEVELED PIPE END AND CONCRETE WILL NOT BE DETACHED.
  4. MINIMUM COMPRESSIVE STRENGTH OF 3,000 P.S.I.
  5. 3/8" CHAMFER ON ALL EXPOSED EDGES OF CONCRETE. WOVEN WIRE NOT TO BE WITHIN 3" OF CONCRETE EDGES.



**7 SLOPED DOUBLE HEADWALL**  
C7.02 NTS

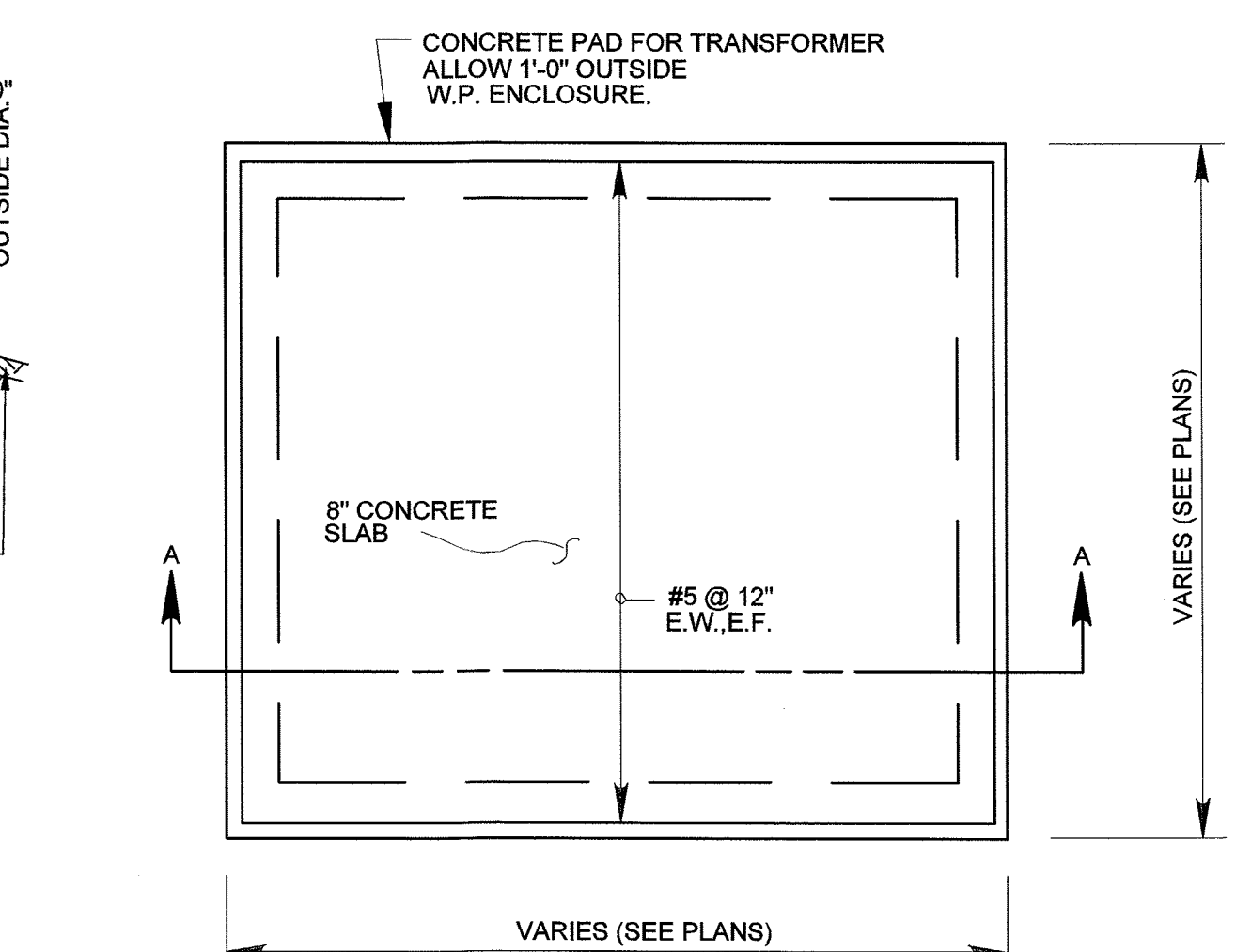


**8 CONCRETE OUTLET PROTECTION**  
C7.02 NTS

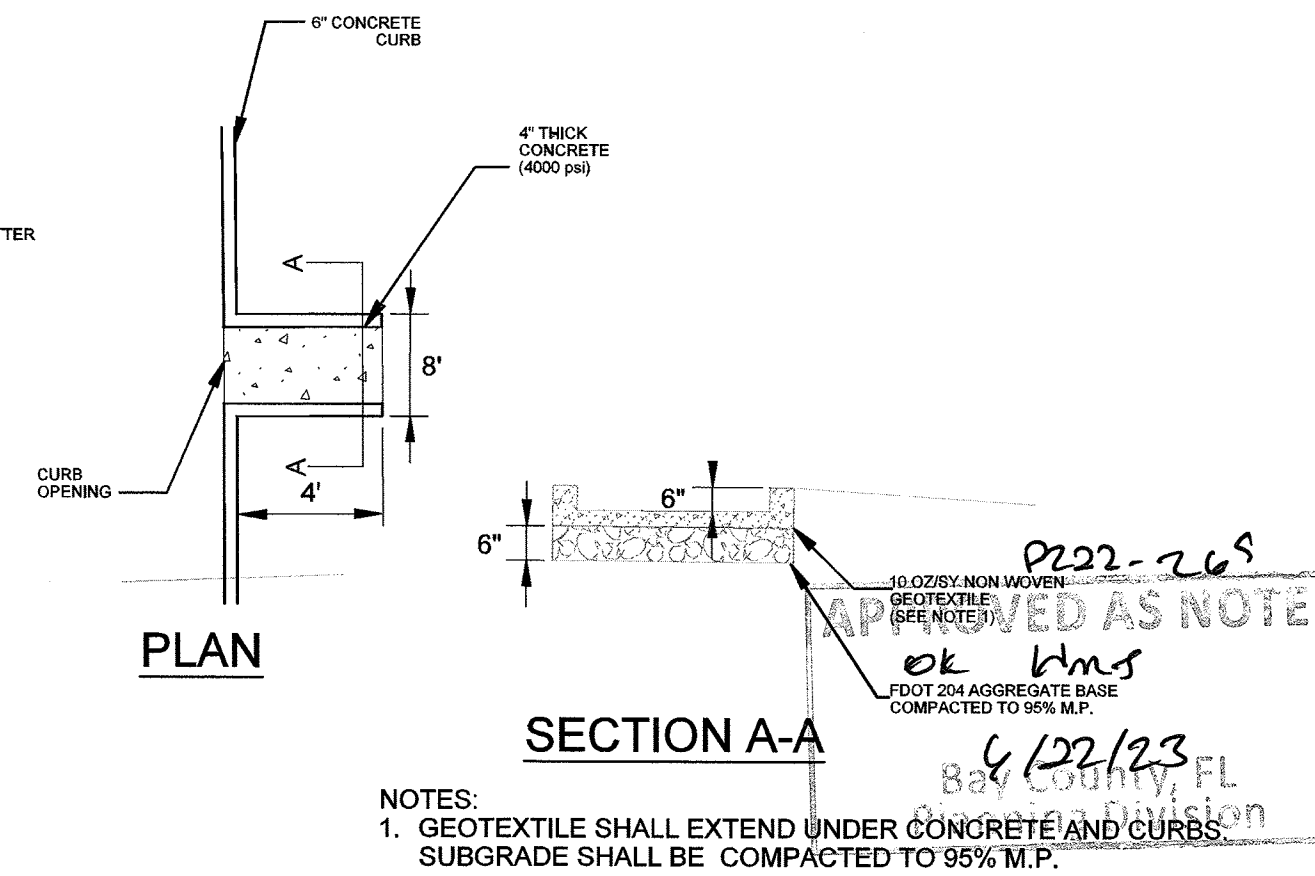


**9 SIDEWALK UNDERDRAIN**  
C7.02 NTS

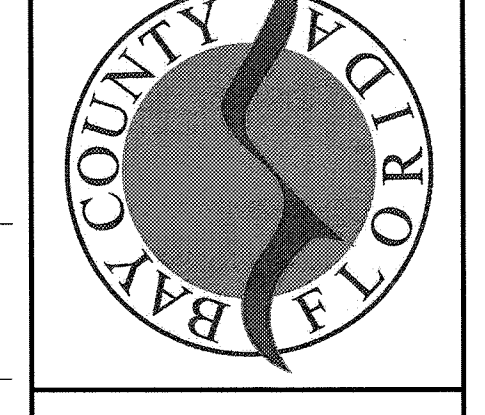
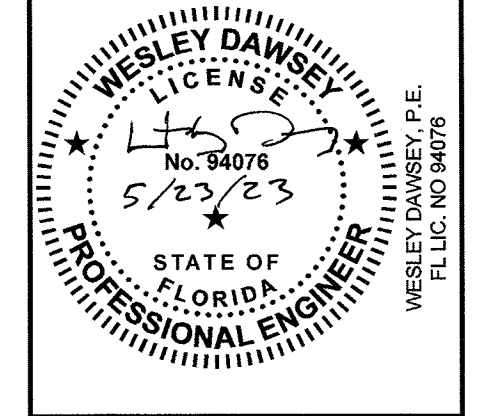
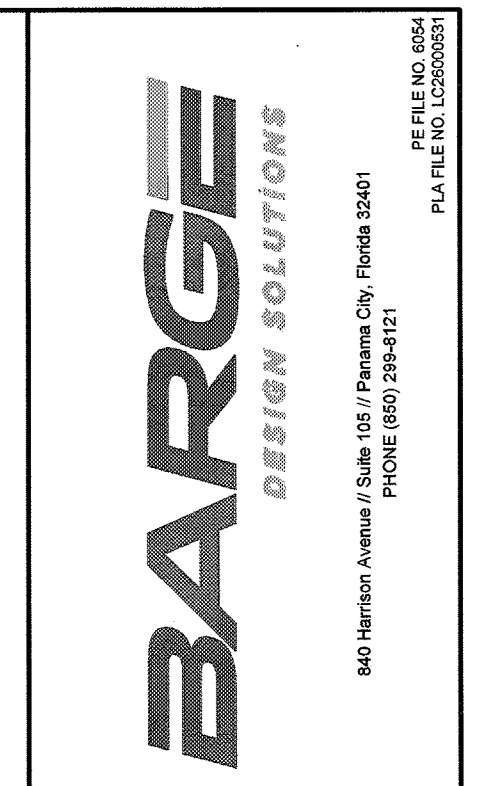
**6 CONCRETE UTILITY PAD**  
C7.02 N.T.S.



**10 CURB OPENING**  
C7.02 NTS



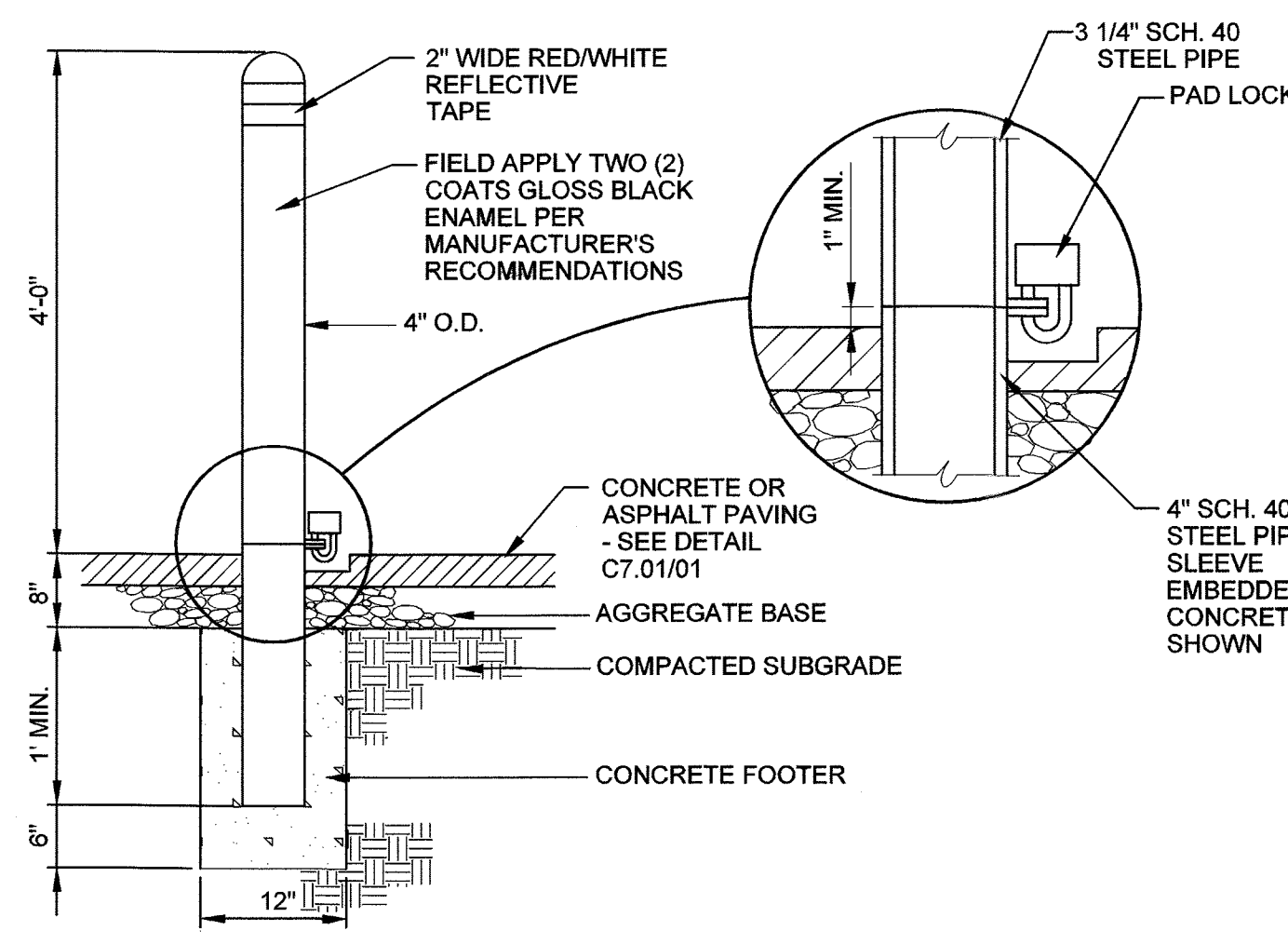
- NOTES:
1. GEOTEXTILE SHALL EXTEND UNDER CONCRETE AND CURBS. SUBGRADE SHALL BE COMPACTED TO 95% M.P.



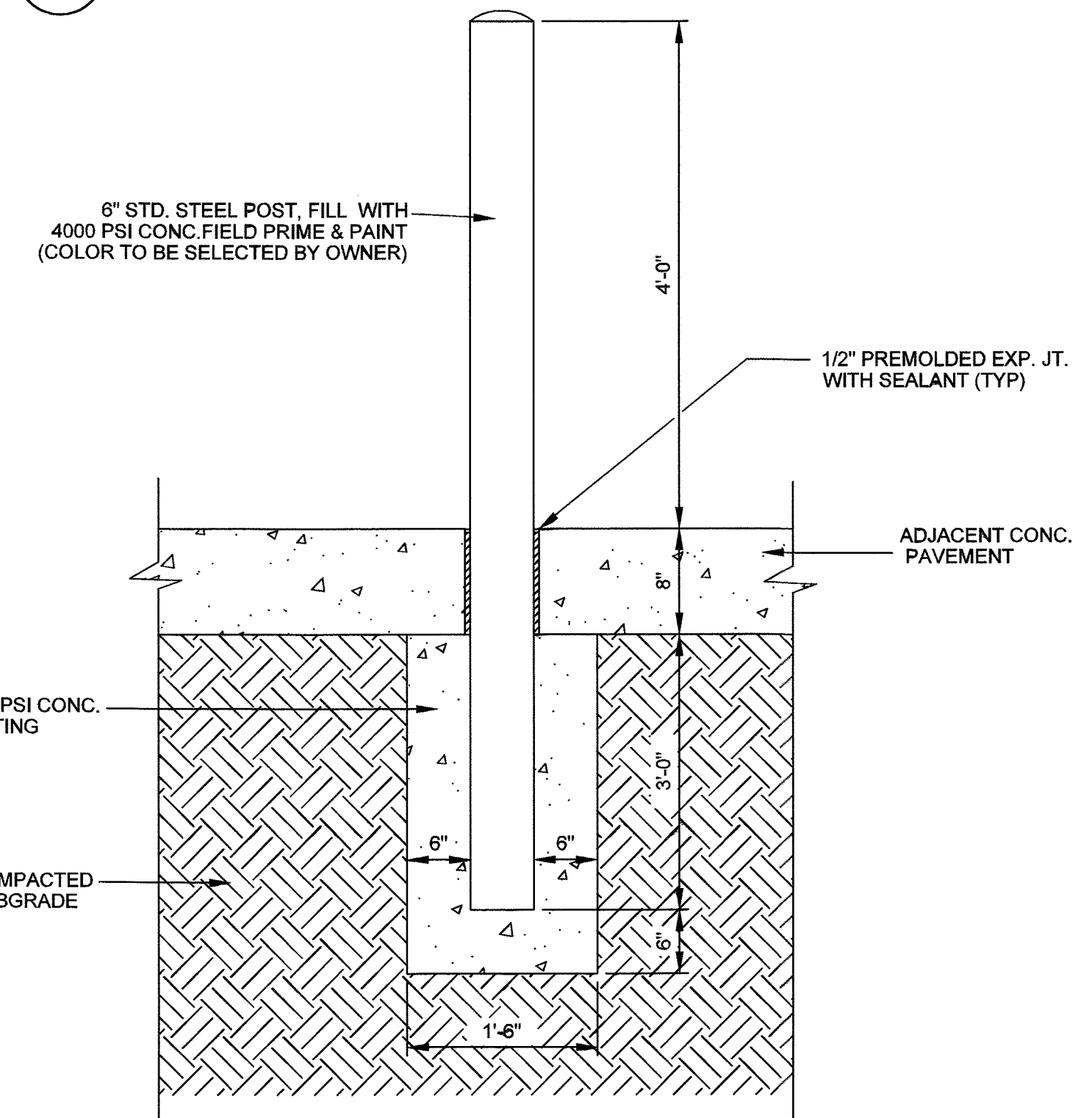
SITE DETAILS  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL

REV.	DATE	DESCRIPTION
A	05/10/2022	0% REVIEW
B	07/01/2022	0% REVIEW
C	07/01/2022	0% REVIEW
D	12/16/2022	ISSUE FOR PERMIT
E	03/30/2023	REVISED PER COUNTY COMMENTS

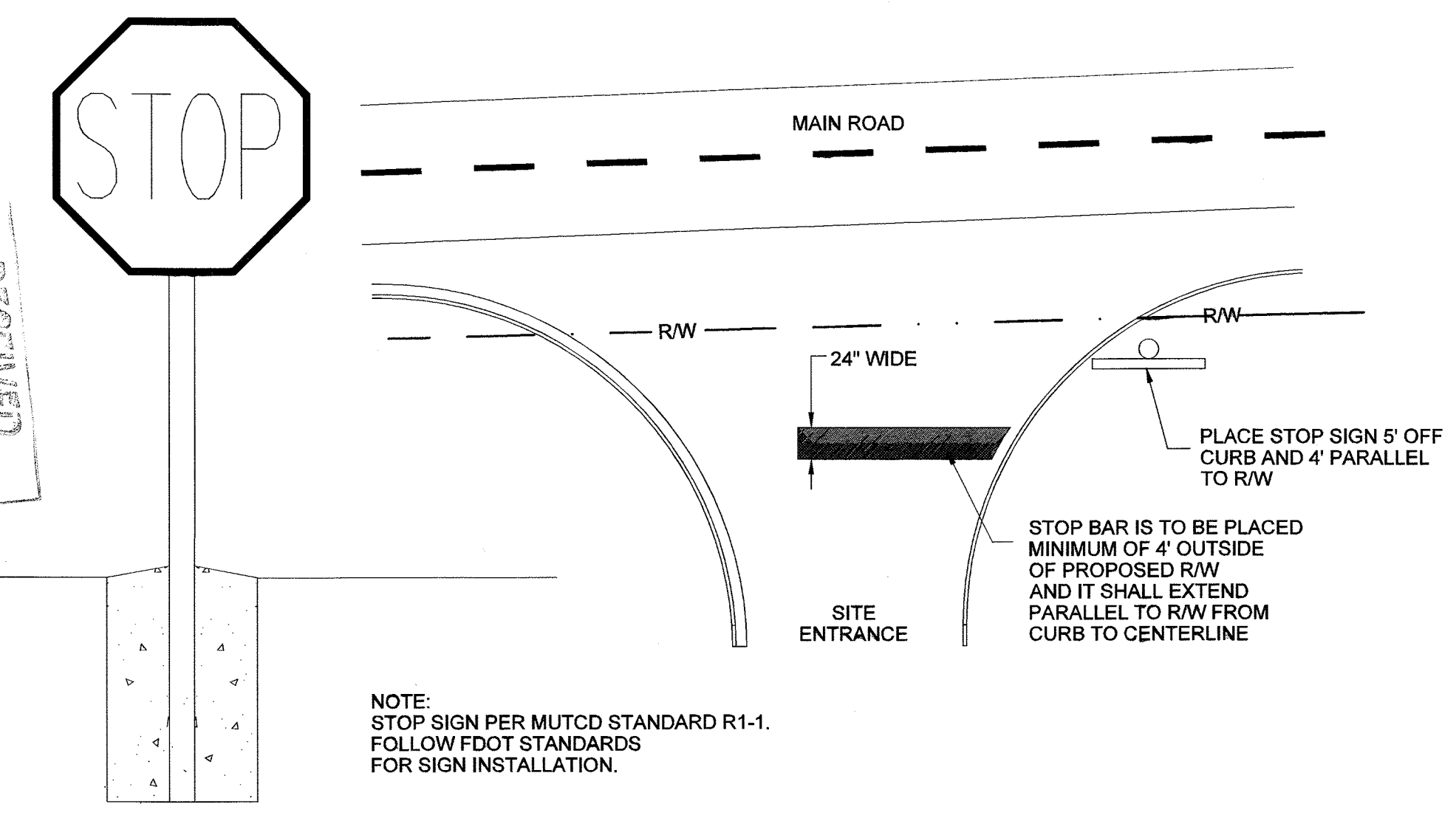
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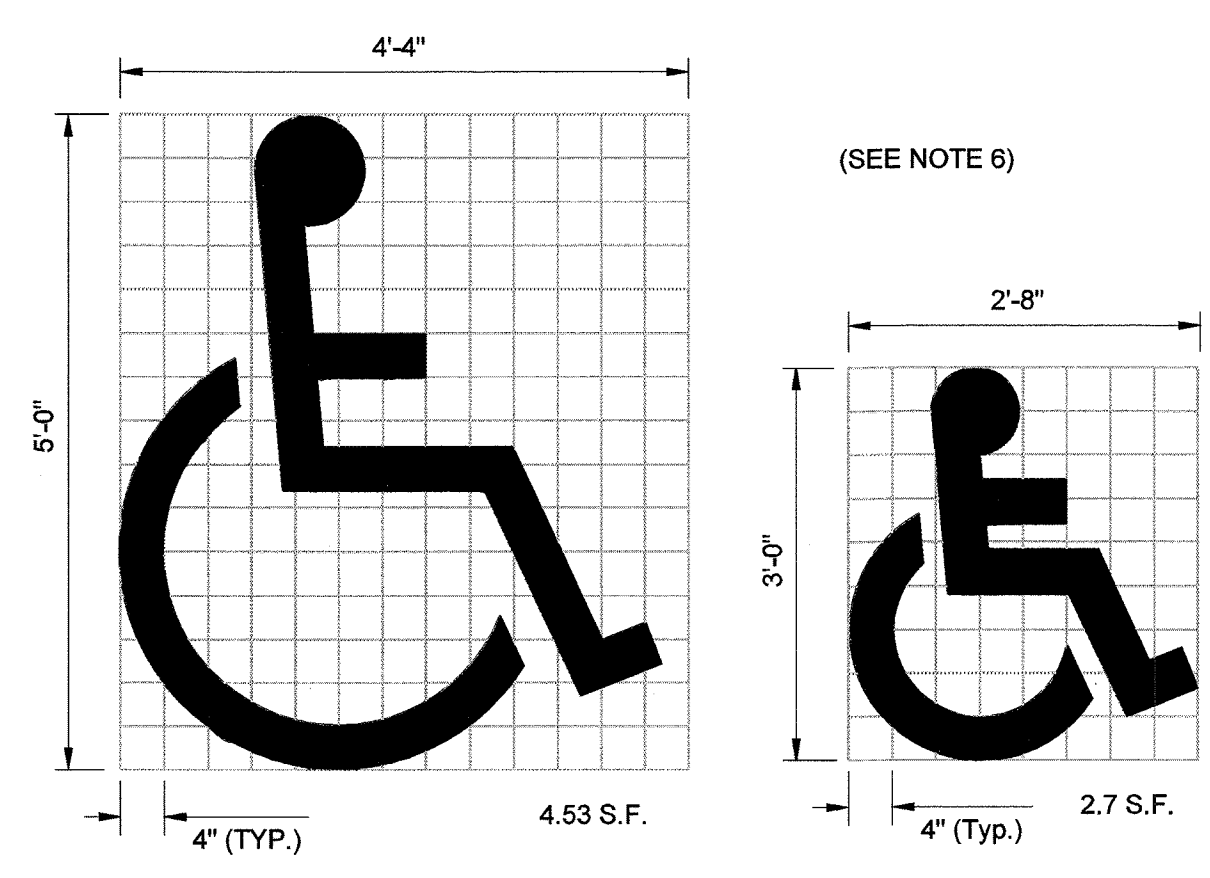
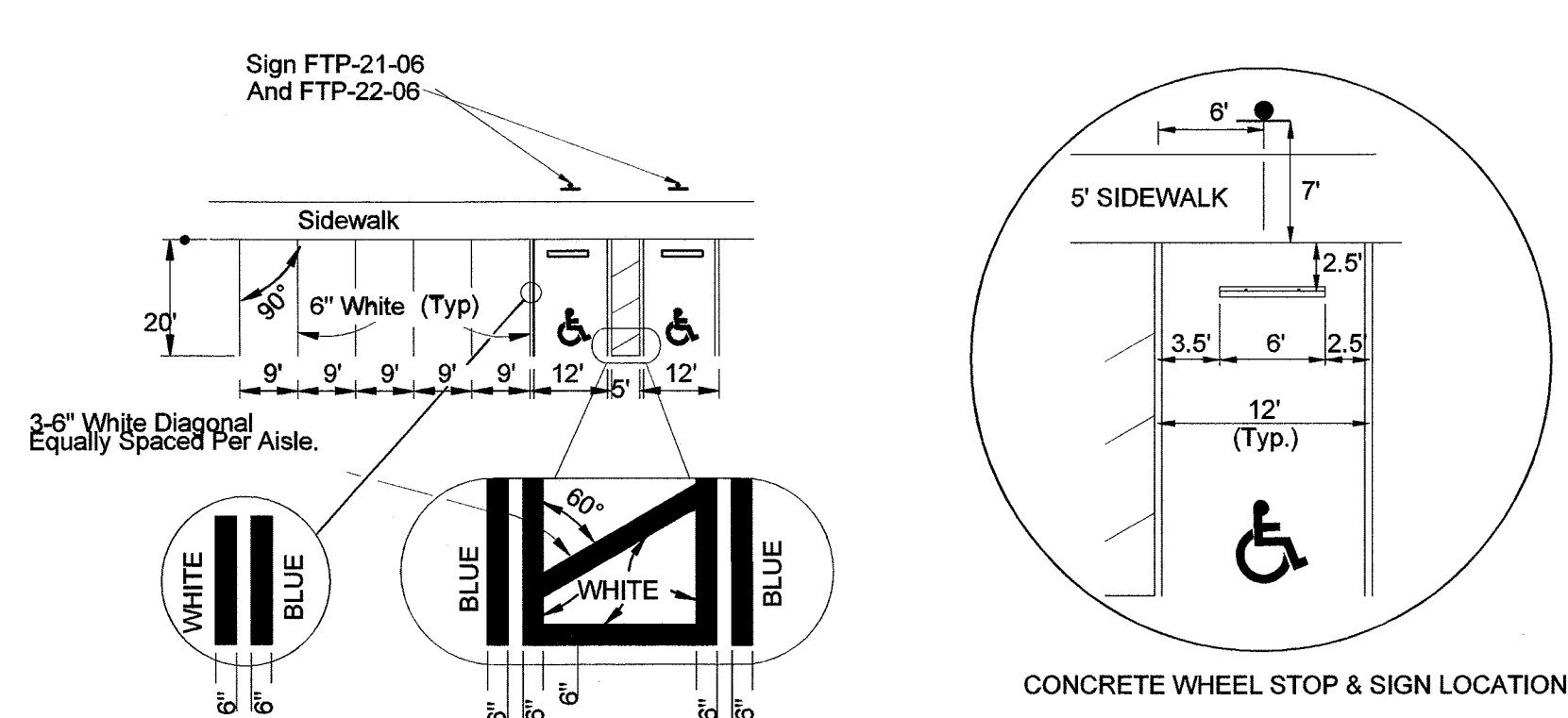
**1 REMOVABLE BOLLARD DETAIL**  
C7.03 NTS



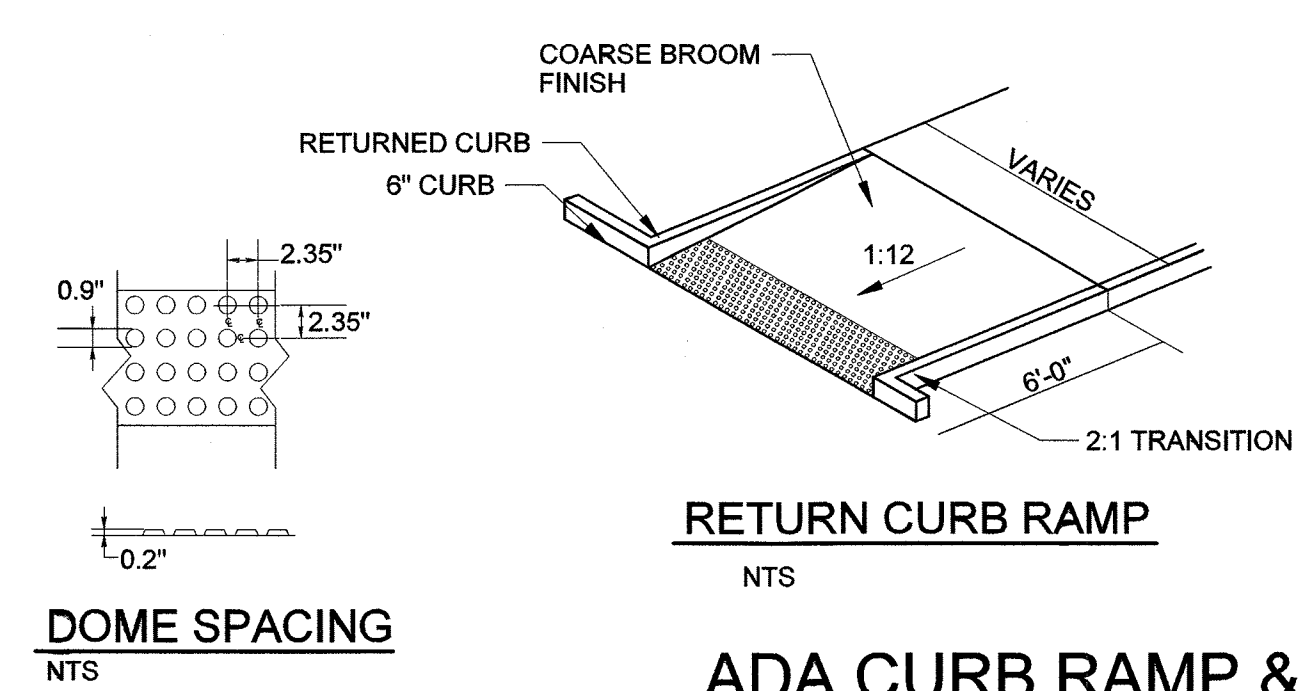
**2 6" PIPE BOLLARD @ DUMPSTER ENCLOSURE**  
C7.03 NTS



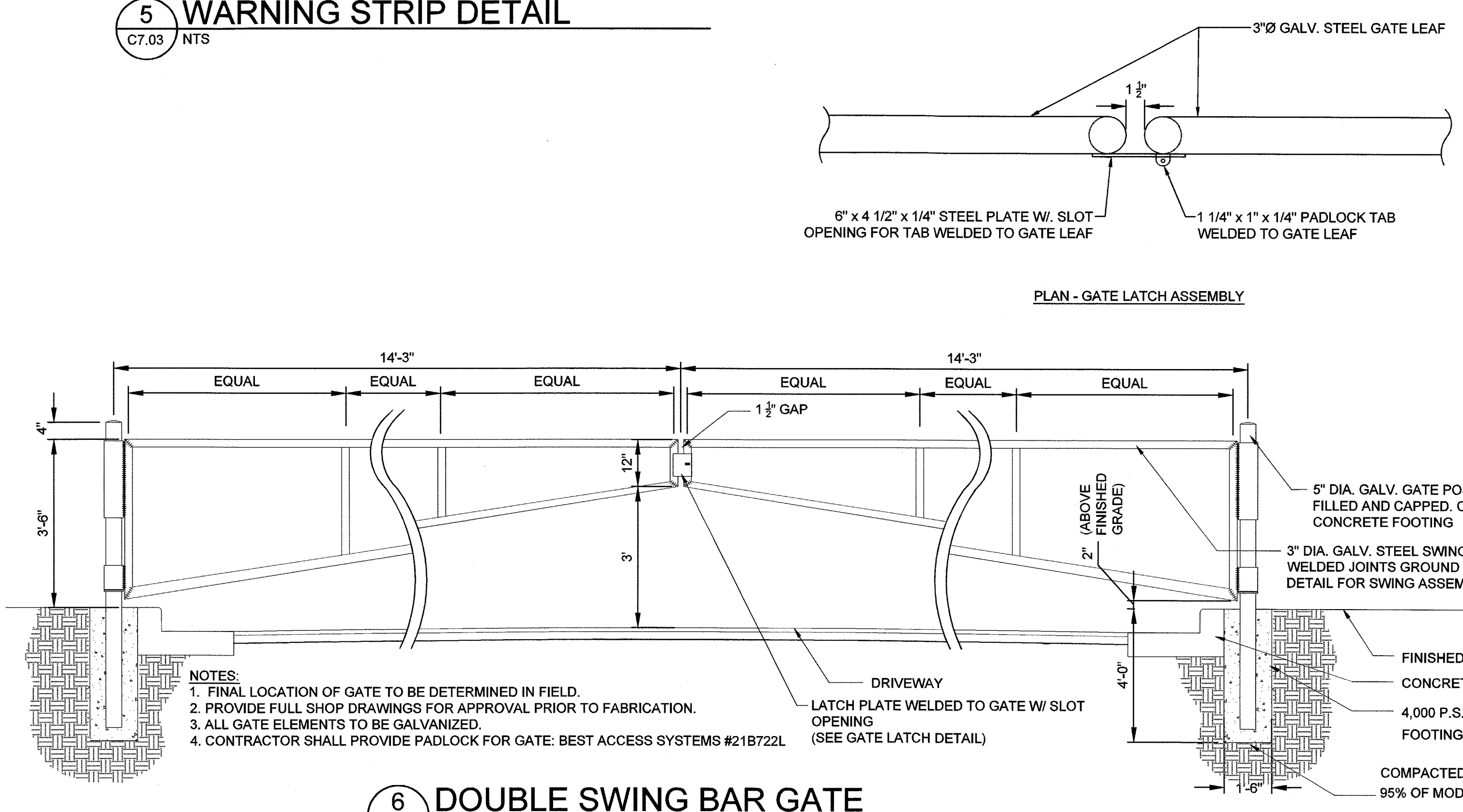
**3 STOP SIGN AND STOP BAR DETAIL**  
C7.03 NTS



**4 ACCESSIBLE PARKING MARKINGS, SYMBOL, & SIGNAGE**  
C7.03 NTS

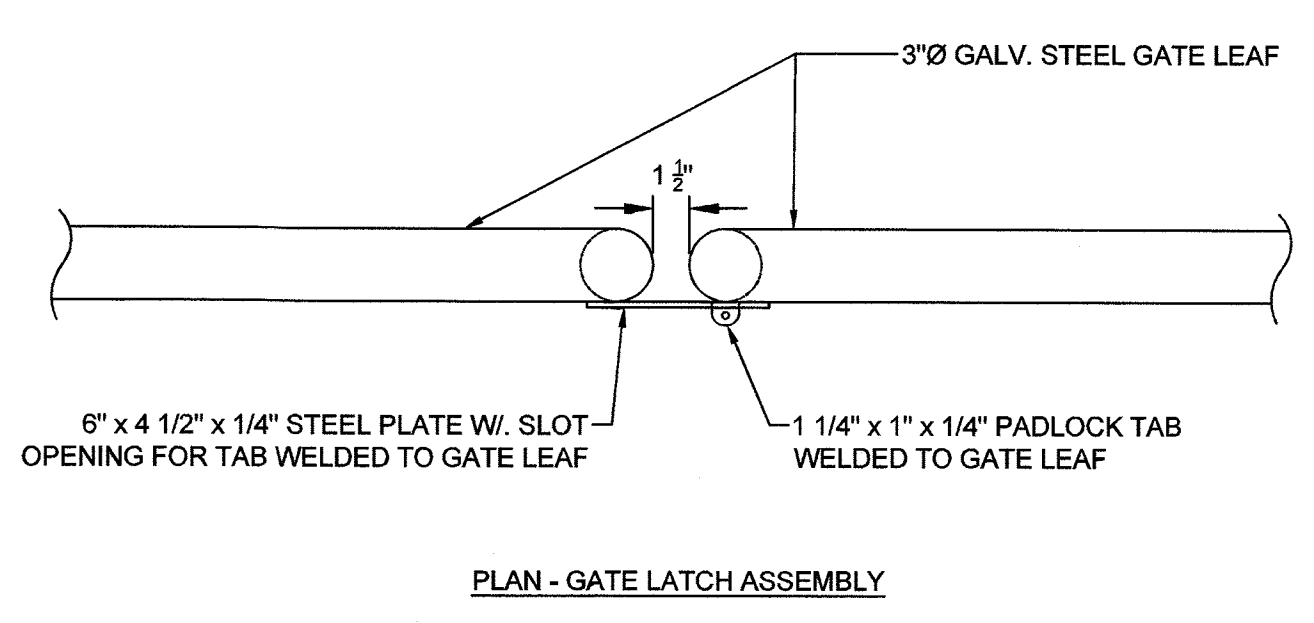


**5 ADA CURB RAMP & DETECTABLE WARNING STRIP DETAIL**  
C7.03 NTS

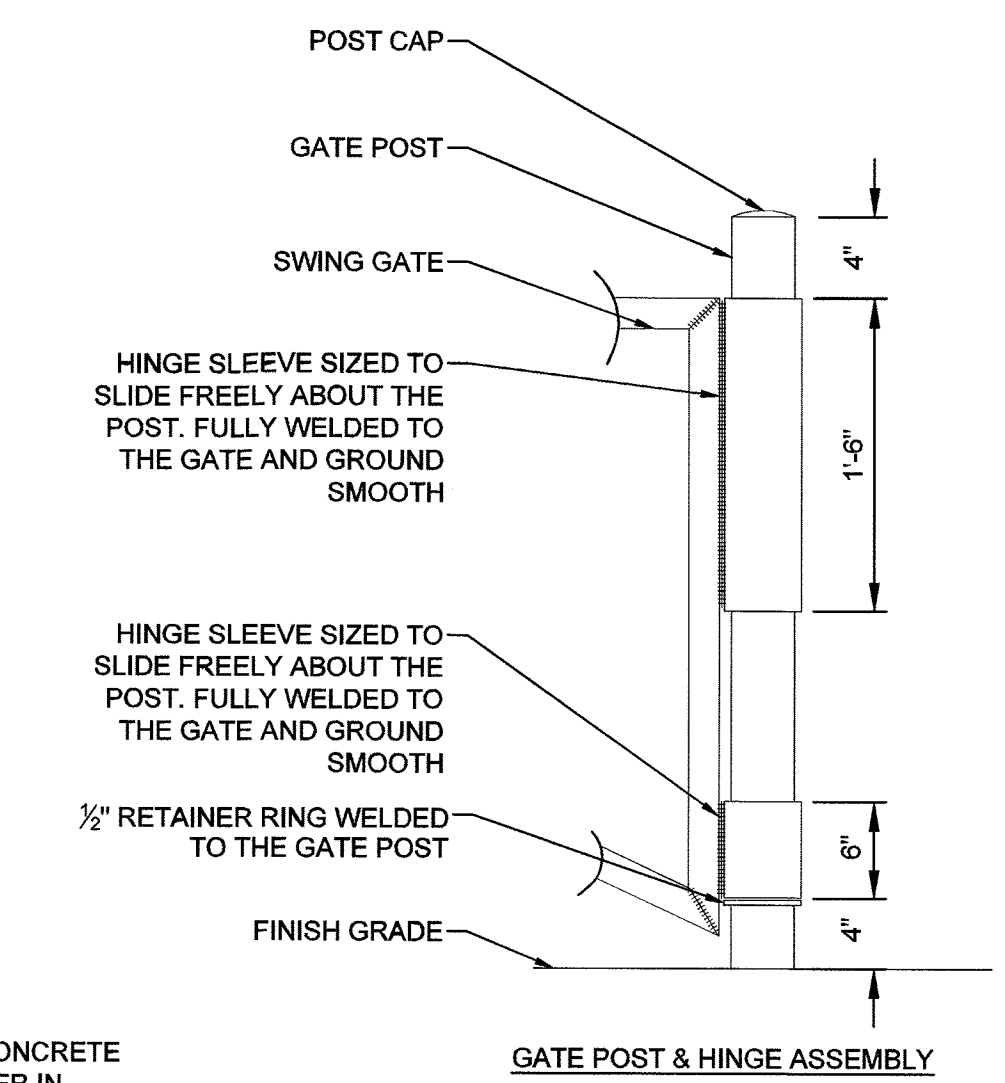


**6 DOUBLE SWING BAR GATE**  
C7.03 NTS

- NOTES:
1. DETECTABLE WARNINGS SHALL BE 24 INCHES IN THE DIRECTION OF TRAVEL AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE.
  2. THE DETECTABLE WARNING SHALL BE LOCATED DIRECTLY BEHIND THE 6" FLUSH CURB.
  3. TRUNCATED DOMES SHALL HAVE A DIAMETER OF 0.9 INCH AT THE BOTTOM, 0.4 INCH AT THE TOP, A HEIGHT OF 0.2 INCH, AND A CENTER-TO-CENTER SPACING OF 2.35 INCHES MEASURED ALONG ONE SIDE OF A SQUARE ARRANGEMENT.
  4. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.
  5. THERE SHALL BE A MINIMUM OF 70% CONTRAST IN LIGHT REFLECTANCE BETWEEN THE DETECTABLE WARNING AND AN ADJOINING SURFACE, OR THE DETECTABLE WARNING SHALL BE "SAFETY YELLOW". THE MATERIAL USED TO PROVIDE VISUAL CONTRAST SHALL BE AN INTEGRAL PART OF THE DETECTABLE WARNING SURFACE.
  6. DETECTABLE WARNING SHALL BE 12" x 12" CONCRETE PAVERS CONFORMING TO THE CRITERIA LISTED ABOVE.



PLAN - GATE LATCH ASSEMBLY



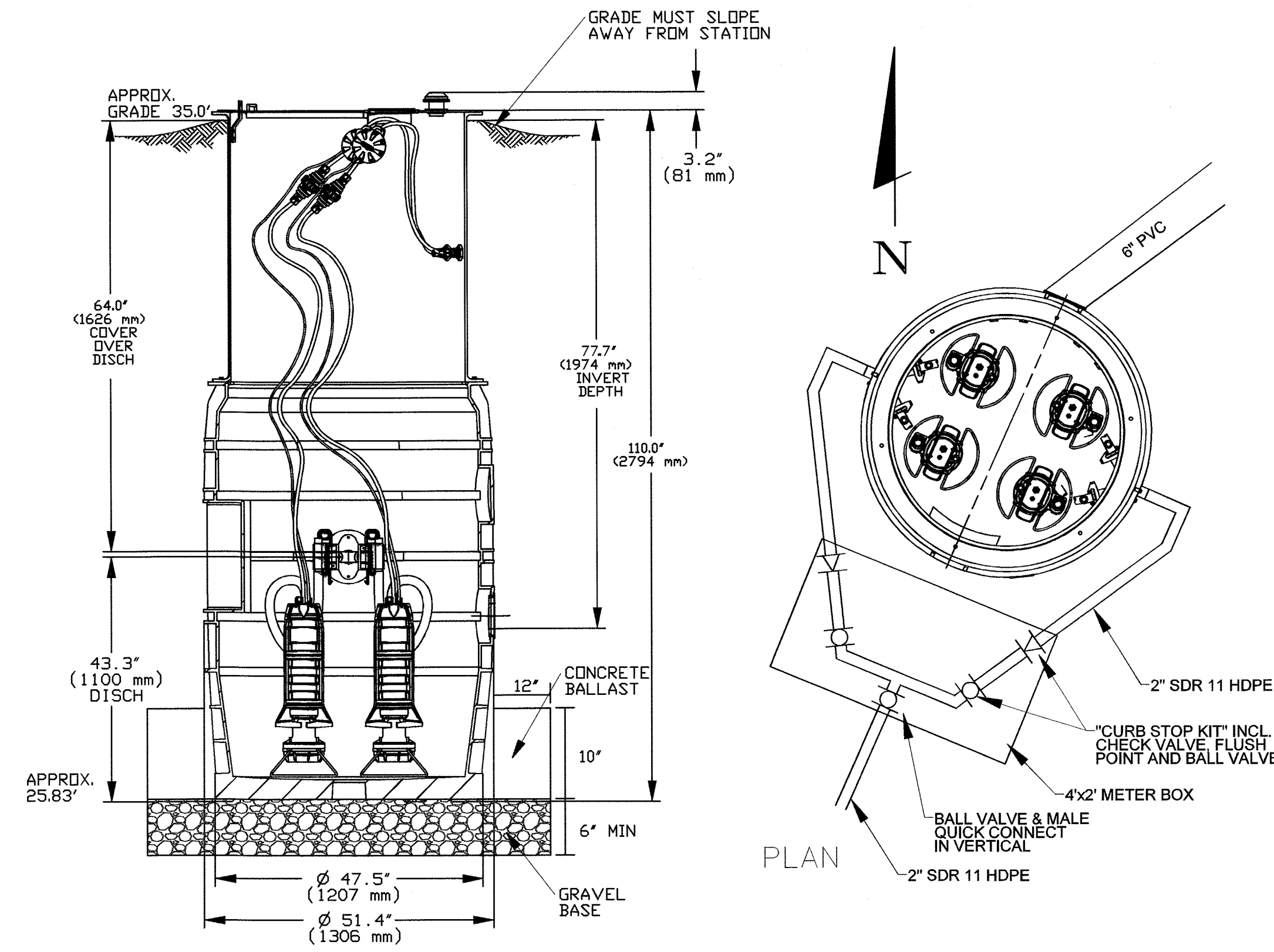
GATE POST & HINGE ASSEMBLY

APPROVED AS NOTED  
OK rms  
6/22/23  
Bay County, FL  
Planning Division

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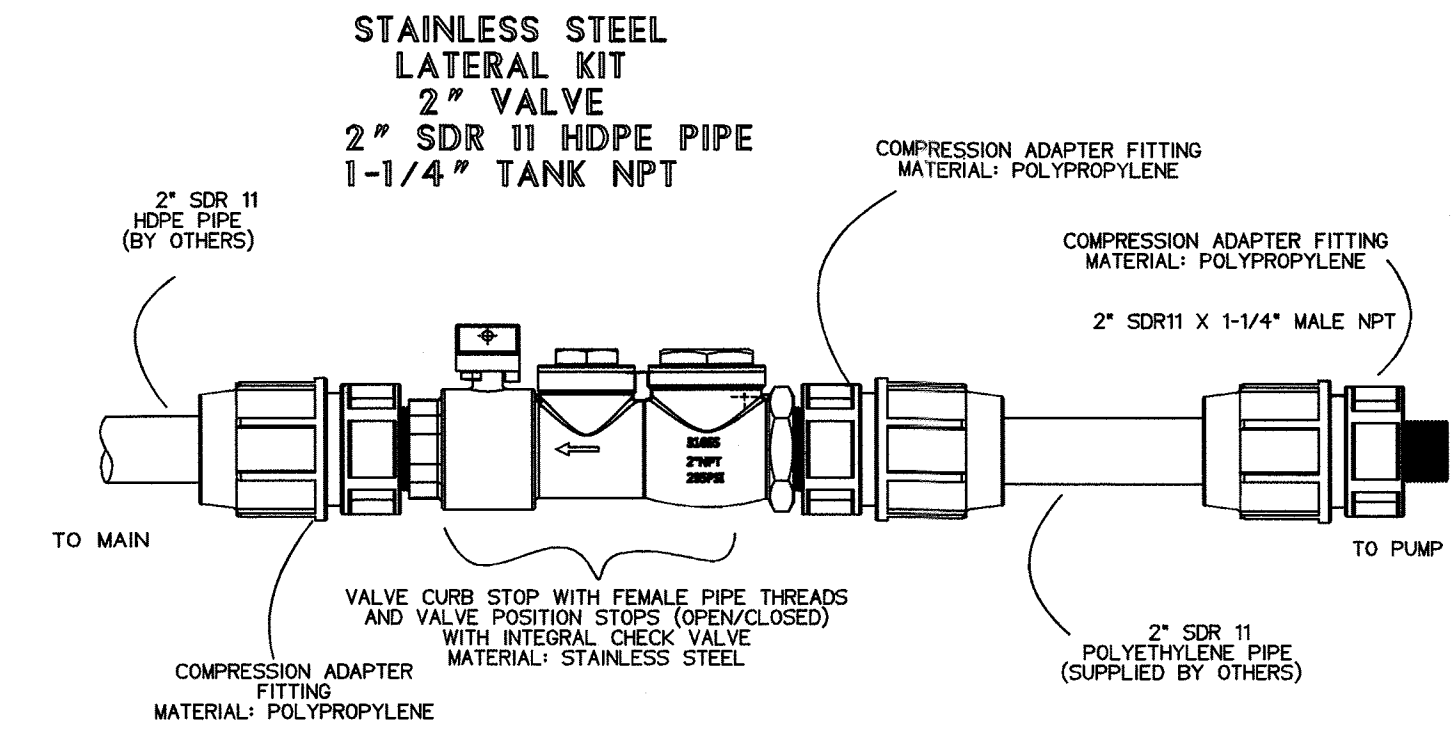
REV.	CHK.	DATE	DESCRIPTION
A	WB	05/10/2022	60% REVIEW
B	WB	07/01/2022	80% REVIEW
C	WB	07/15/2022	90% REVIEW
D	WB	12/15/2022	ISSUE FOR PERMIT





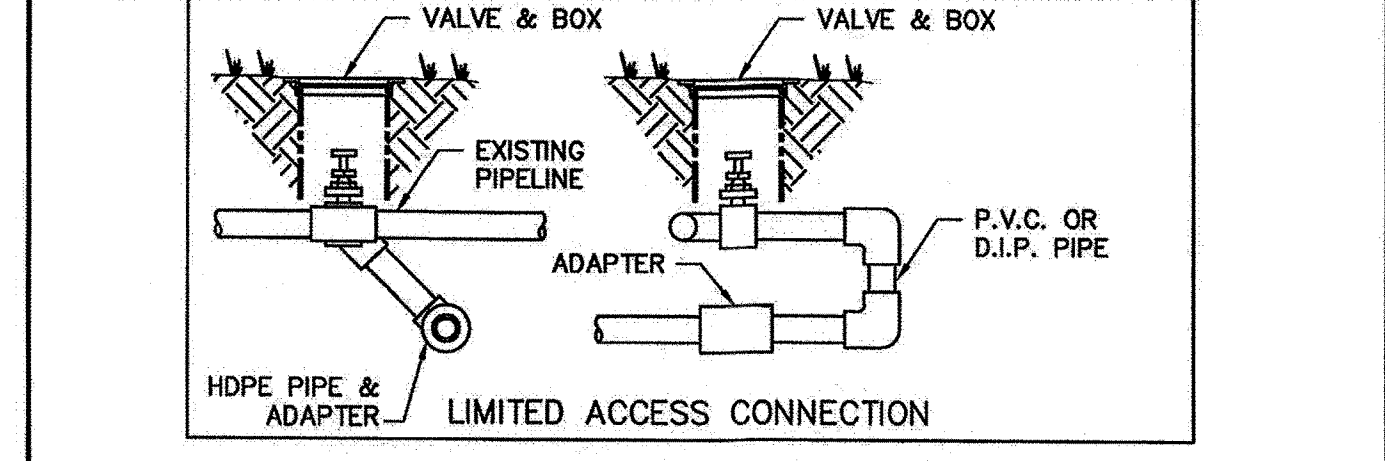
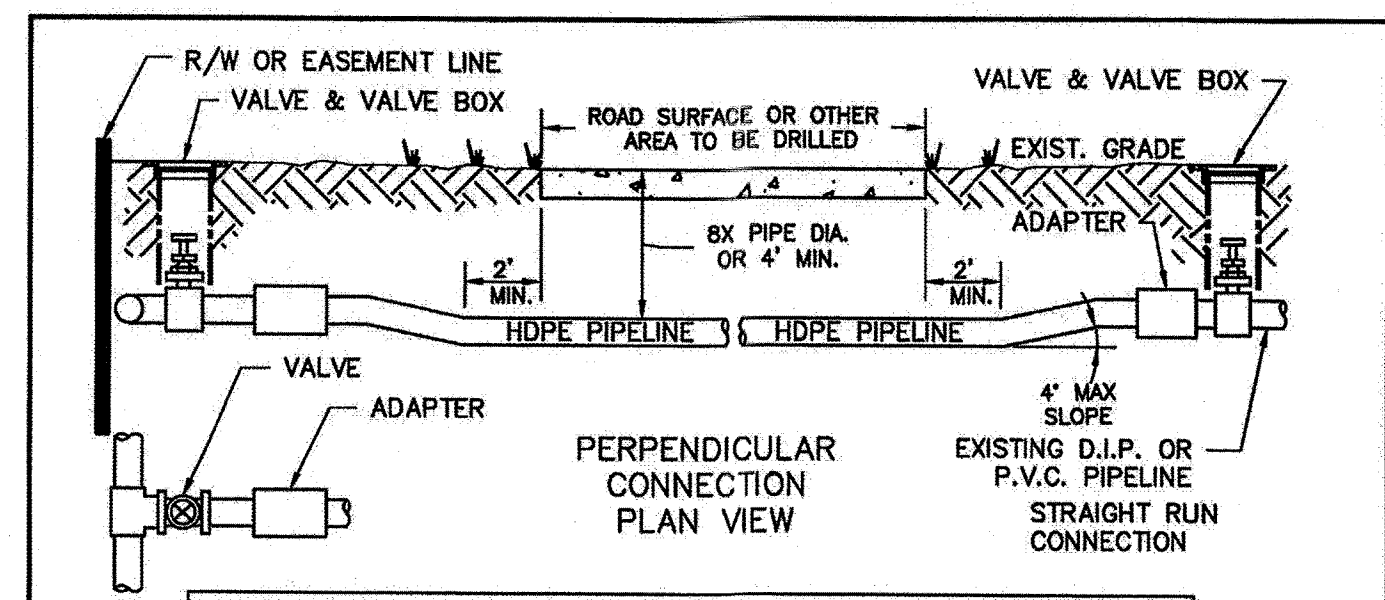
SECTION

1 GRINDER PUMP STATION  
C7.04 N.T.S.



- NOTES:
1. TO ASSEMBLE, APPLY A DOUBLE LAYER OF TEFLON TAPE, AND A LAYER OF PIPE DOPE (SUPPLIED BY OTHERS) TO THE THREADS ON THE PLASTIC FITTINGS AND INSTALL PER THE MANUFACTURER'S INSTRUCTIONS.
  2. ASSEMBLY IS TO BE PRESSURE TESTED (BY OTHERS)

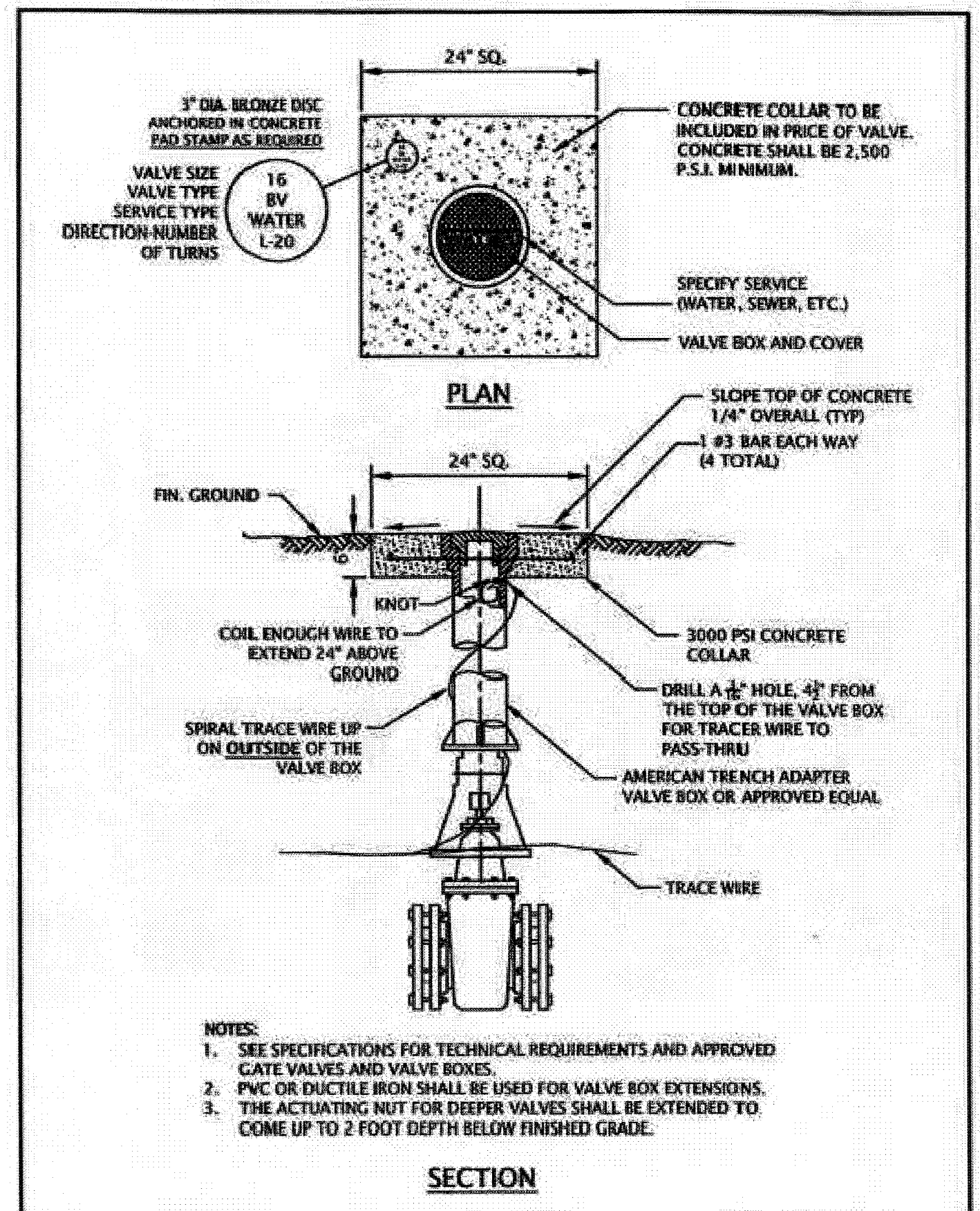
- NOTES:
1. CONTRACTOR TO FURNISH AND INSTALL AN EONE GRINDER PUMP STATION MODEL WH484-144 MANUFACTURED BY EONE OR AN APPROVED EQUAL.
  2. CONTRACTOR SHALL FIELD LOCATE, FURNISH AND INSTALL 2" COMBINATION AIR RELEASE VALVES (ARI-D025) AT ALL HIGH POINTS ALONG FORCE MAIN BETWEEN THE PUMP STATION AND DISCHARGE POINT. AIR RELEASE VALVES SHALL INCLUDE A 2" SHUT OFF BALL VALVE AND BE LOCATED INSIDE A VALVE BOX.
  3. MOUNTING AND SUPPORT OF ALL EQUIPMENT TO BE DONE PER MANUFACTURER'S DRAWINGS SHOW GENERAL ARRANGEMENTS ONLY.
  4. SUBMIT SHOP DRAWINGS OF ALL COMPONENTS FOR PACKAGE PUMP STATION TO ENGINEER FOR APPROVAL BEFORE ORDERING.
  5. COORDINATE WITH ELECTRICAL CONTRACTOR FOR ELECTRIC SERVICE, FIELD WIRING, AND ALARM MONITORING.
  6. EONE QUADPLEX PROTECT PLUS PUMP CONTROL PANEL SHALL BE PROVIDED BY PUMP MANUFACTURER.



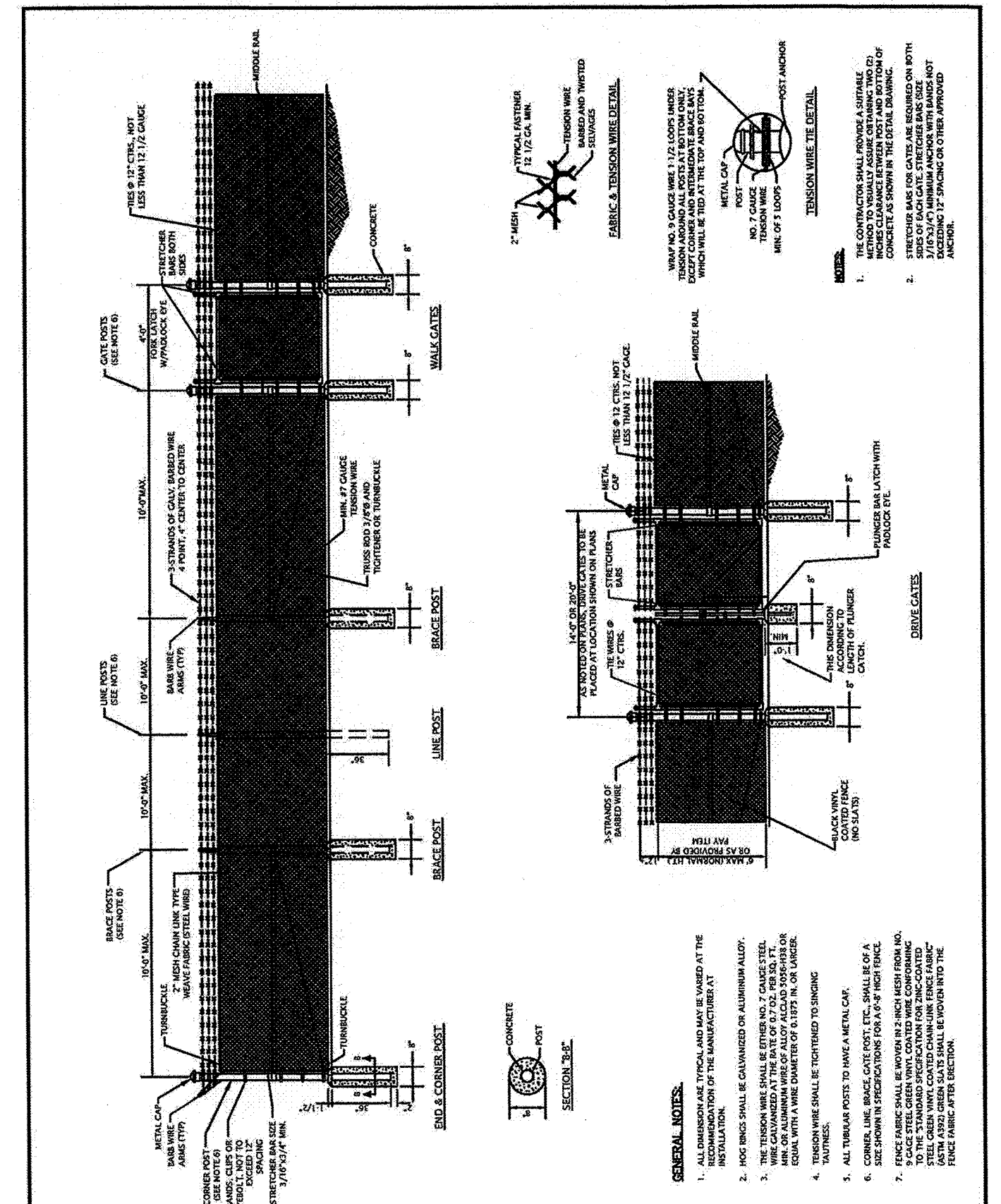
- NOTES:
1. DIRECTIONAL DRILLS SHALL BE COMPLETED USING DR11 HDPE PIPE, DUCTILE IRON SIZE.
  2. ALL DIRECTIONAL DRILLS SHALL BE AT A DEPTH OF 8X PIPE DIAMETER BELOW THE ROADWAY SURFACE OR 4' WHICHEVER IS GREATER.
  3. ALL HDPE MUST BE COLOR CODED (SAFETY BLUE-WATER, SAFETY GREEN FOR SEWER AND PANTONE PURPLE FOR RECLAIMED WATER); BUTT FUSION WELDED; AND CONNECTED WITH HDPE-MJ ADAPTER.

DIRECTIONAL BORE DETAIL  
DATE: SEP 2020  
SCALE: NTS  
FIGURE: G-20

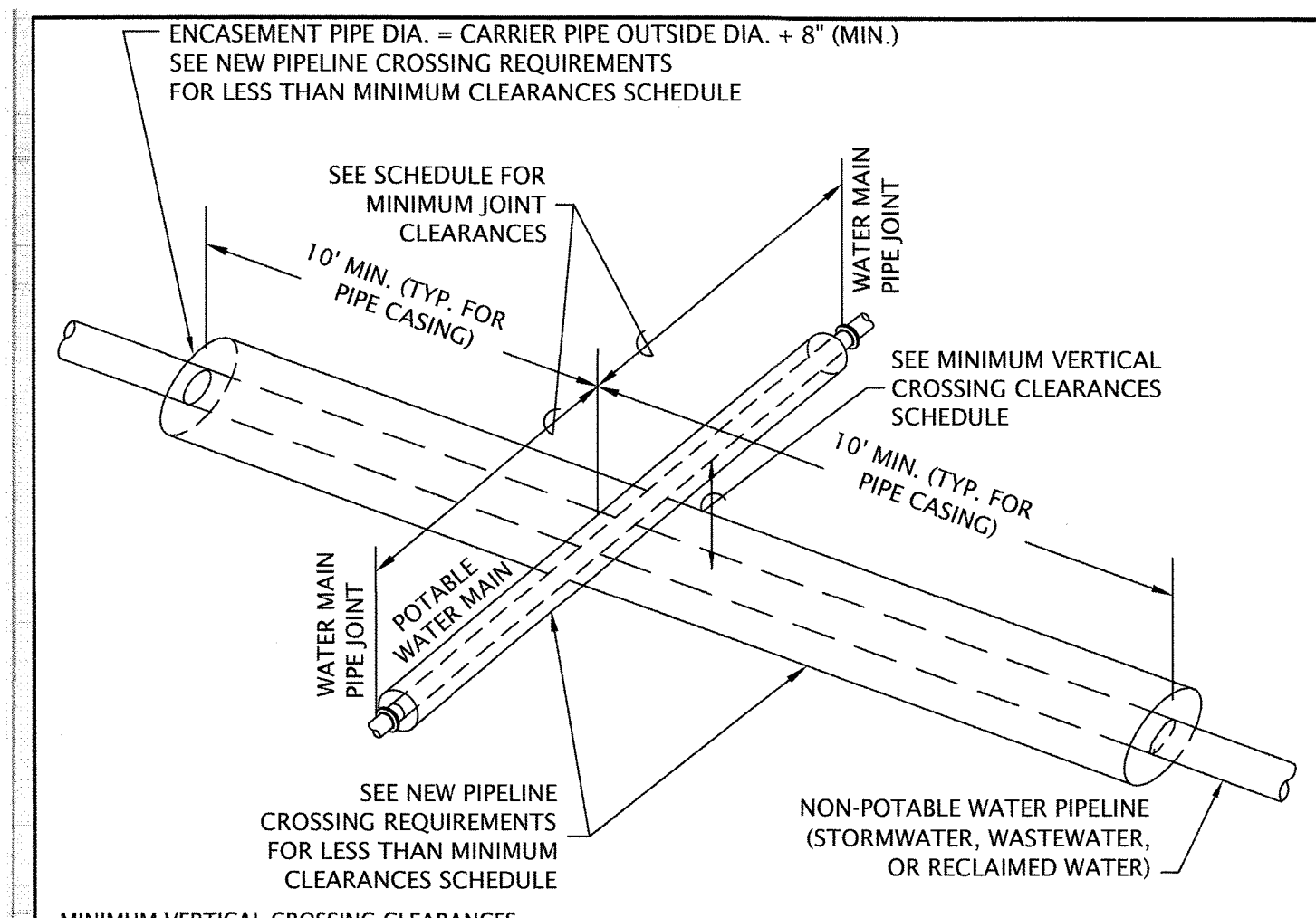
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JAN 07 2023  
BAY COUNTY  
PLANNING AND ZONING



VALVE AND VALVE BOX COLLAR  
DATE: JAN 2022  
SCALE: NTS  
FIGURE: G-19



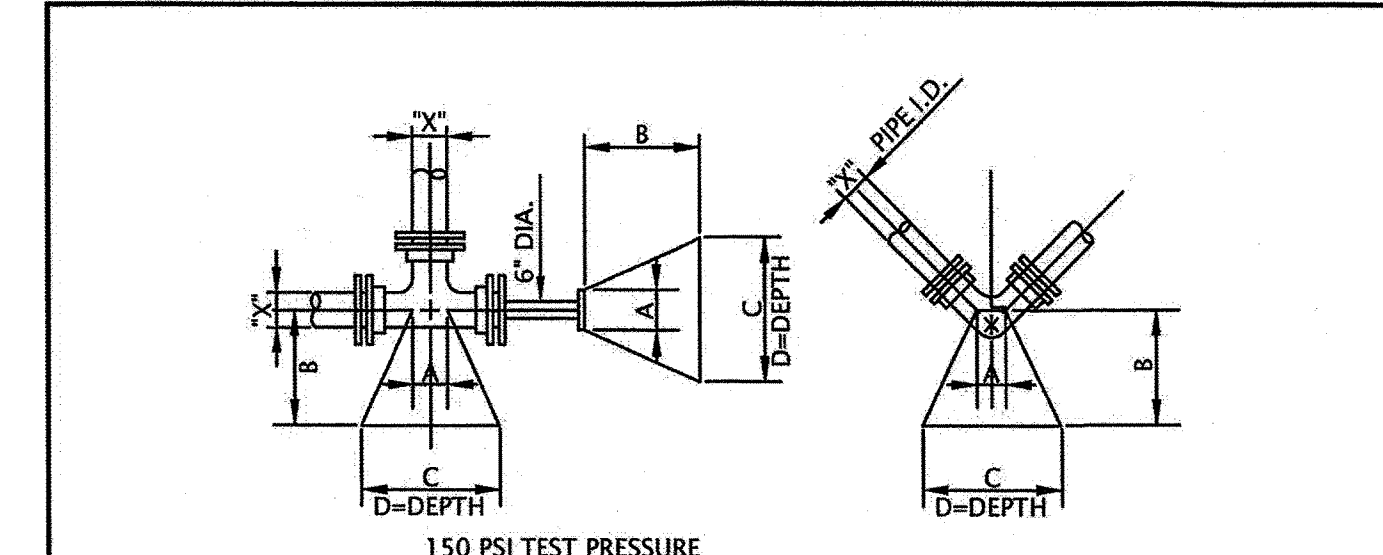
CHAIN LINK FENCE  
DATE: SEP 2020  
SCALE: NTS  
FIGURE: G-12



- MINIMUM VERTICAL CROSSING CLEARANCES
1. WATER MAIN ABOVE STORMWATER (GRAVITY) OR WASTEWATER (GRAVITY & VACUUM): 6" (MIN.) 12"+ (PREFERRED)
  2. WATER MAIN BELOW STORMWATER (GRAVITY) OR WASTEWATER (GRAVITY & VACUUM): 12" (MIN.)
  3. WATER MAIN ABOVE OR BELOW STORMWATER, WASTEWATER & RECLAIMED WATER (PRESSURE): 12" (MIN.)

- MINIMUM WATER MAIN JOINT SPACING
1. STORMWATER (GRAVITY & PRESSURE), WASTEWATER (VACUUM) OR RECLAIMED WATER (PRESSURE): 3' O.C.
  2. WASTEWATER (GRAVITY & PRESSURE): 6' O.C.

PIPELINE SEPARATION REQUIREMENT  
DATE: SEP 2020  
SCALE: NTS  
FIGURE: G-14



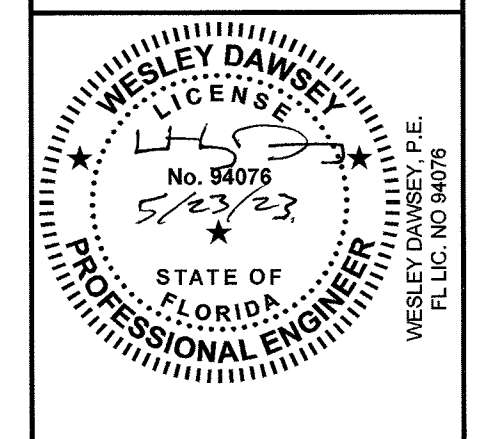
150 PSI TEST PRESSURE  
2000 PSF SOIL BEARING

DEAD END & TEES	X*	A	B	C	D
16"	1'-3"	3'-6"	7'-6"	4'-9"	
12"	1'-0"	3'-0"	5'-6"	3'-6"	
10"	1'-0"	2'-6"	4'-9"	3'-0"	
8"	0'-10"	2'-0"	4'-0"	2'-6"	
6"	0'-8"	1'-6"	2'-9"	1'-9"	
16"	1'-3"	5'-6"	9'-0"	5'-6"	
12"	1'-0"	4'-0"	6'-9"	4'-3"	
10"	1'-0"	3'-0"	5'-9"	3'-6"	
8"	0'-10"	2'-6"	4'-9"	3'-0"	
6"	0'-8"	1'-6"	3'-6"	2'-9"	
16"	1'-3"	3'-6"	6'-9"	4'-3"	
12"	1'-0"	2'-3"	5'-3"	3'-3"	
10"	1'-0"	2'-3"	4'-6"	2'-9"	
8"	0'-10"	1'-6"	3'-6"	2'-3"	
6"	0'-8"	1'-3"	2'-6"	1'-6"	
16"	1'-3"	1'-6"	4'-9"	3'-0"	
12"	1'-0"	1'-6"	3'-6"	2'-3"	
10"	1'-0"	1'-3"	3'-0"	2'-0"	
8"	0'-10"	1'-0"	2'-6"	1'-6"	
6"	0'-8"	1'-0"	1'-9"	1'-3"	
16"	1'-3"	1'-6"	3'-3"	2'-0"	
12"	1'-0"	1'-6"	2'-6"	1'-6"	
10"	1'-0"	1'-0"	2'-3"	1'-3"	
8"	0'-10"	1'-0"	1'-9"	1'-0"	
6"	0'-8"	1'-0"	1'-6"	0'-6"	

X\* = DIAMETER OF PIPE TO BE BLOCKED

CONCRETE THRUST BLOCK REQUIREMENTS  
DATE: SEP 2020  
SCALE: NTS  
FIGURE: G-15

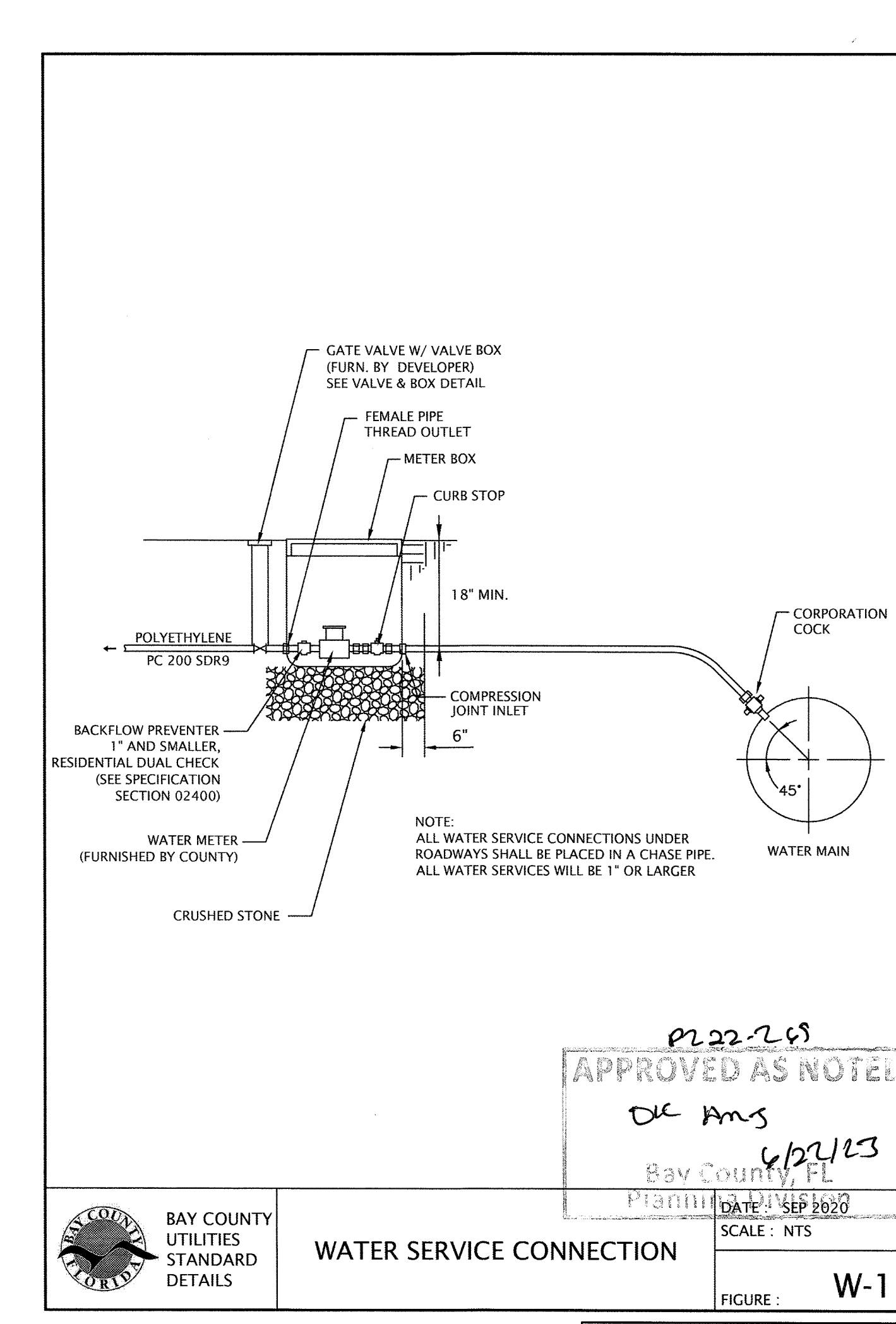
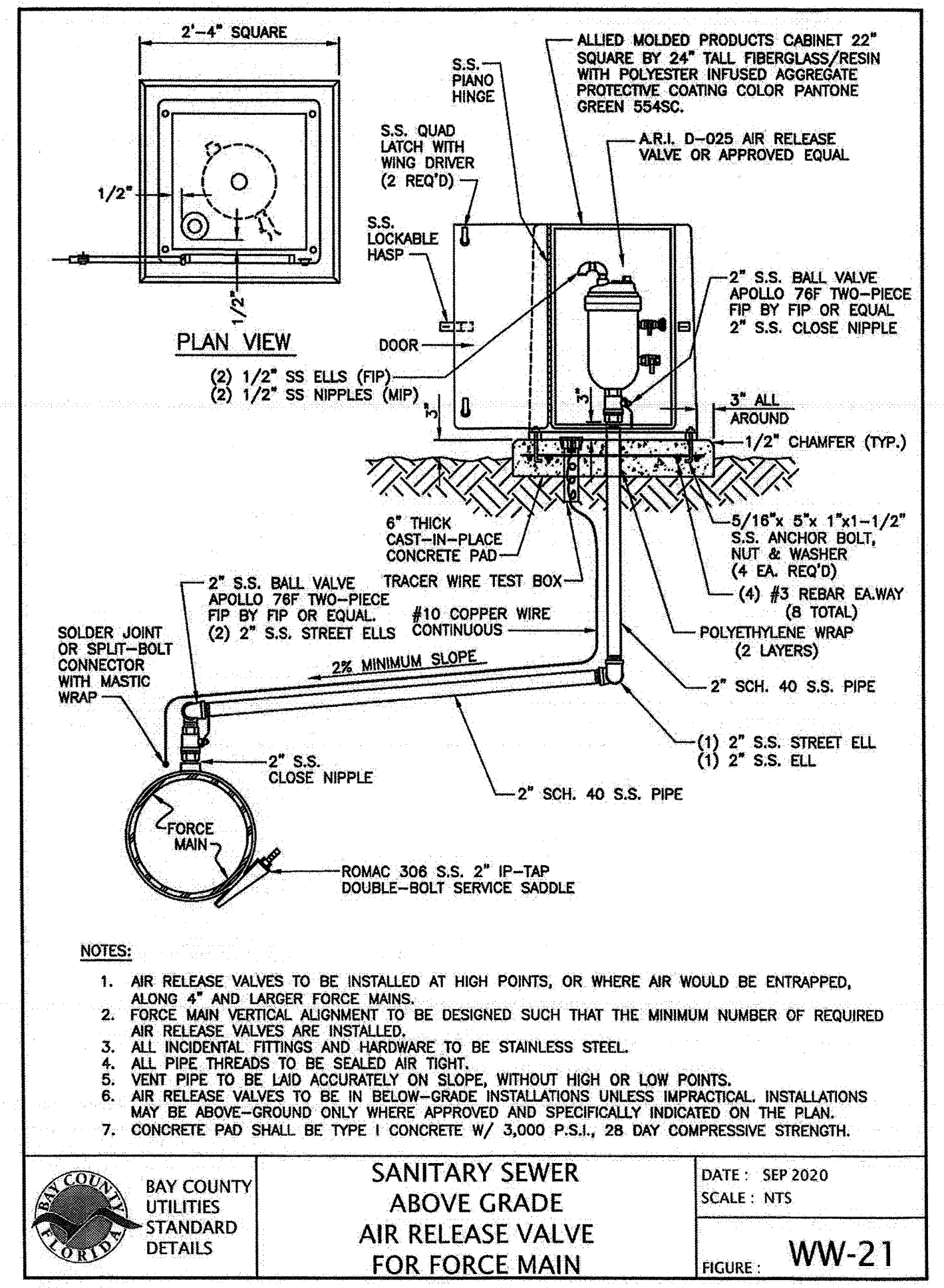
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B	GH	07/01/2022	90% REVIEW
C	GH	07/10/2022	ISSUE FOR PERMIT
D	GH	12/12/2022	ISSUE FOR PERMIT



SITE DETAILS  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL

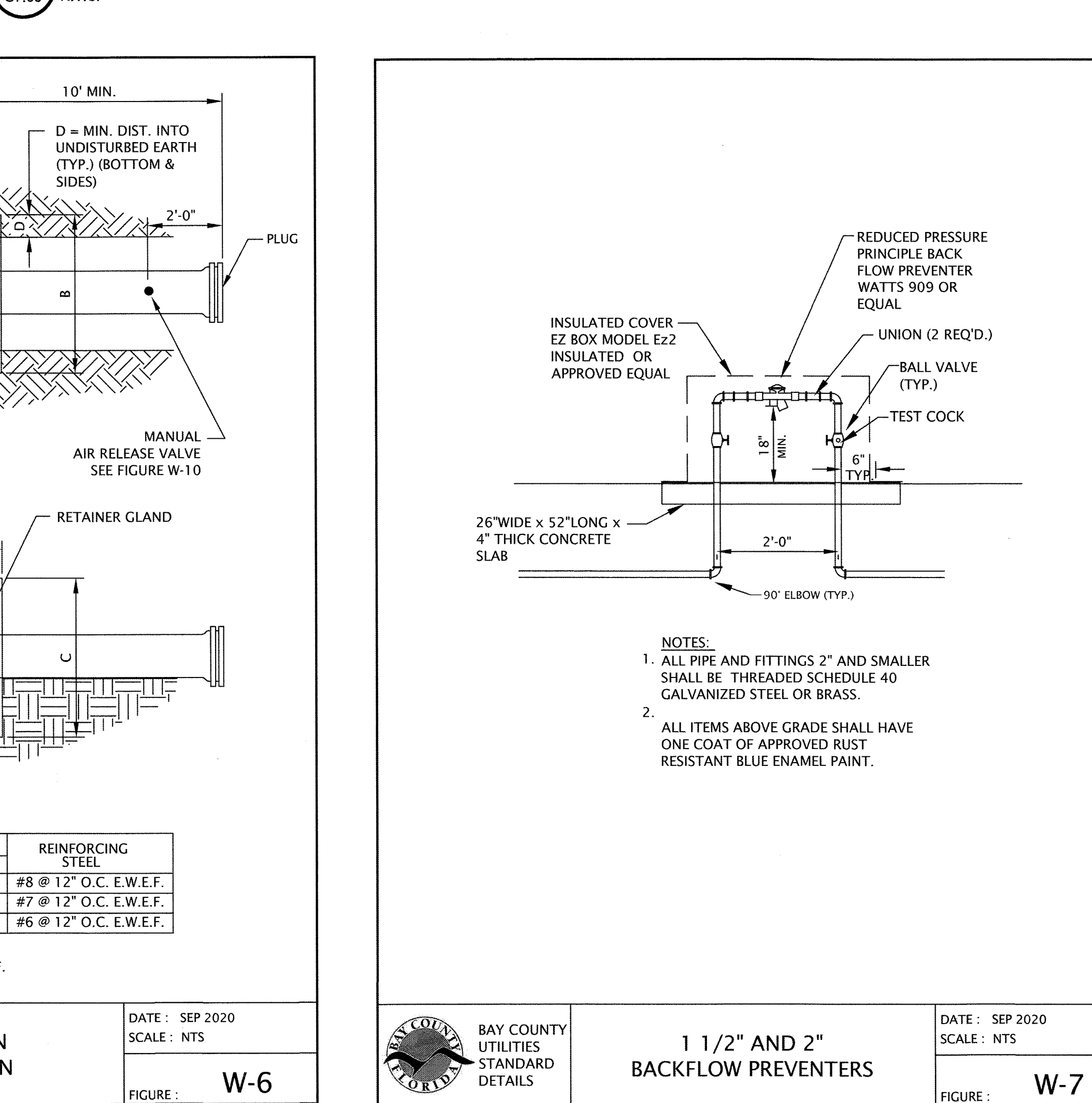
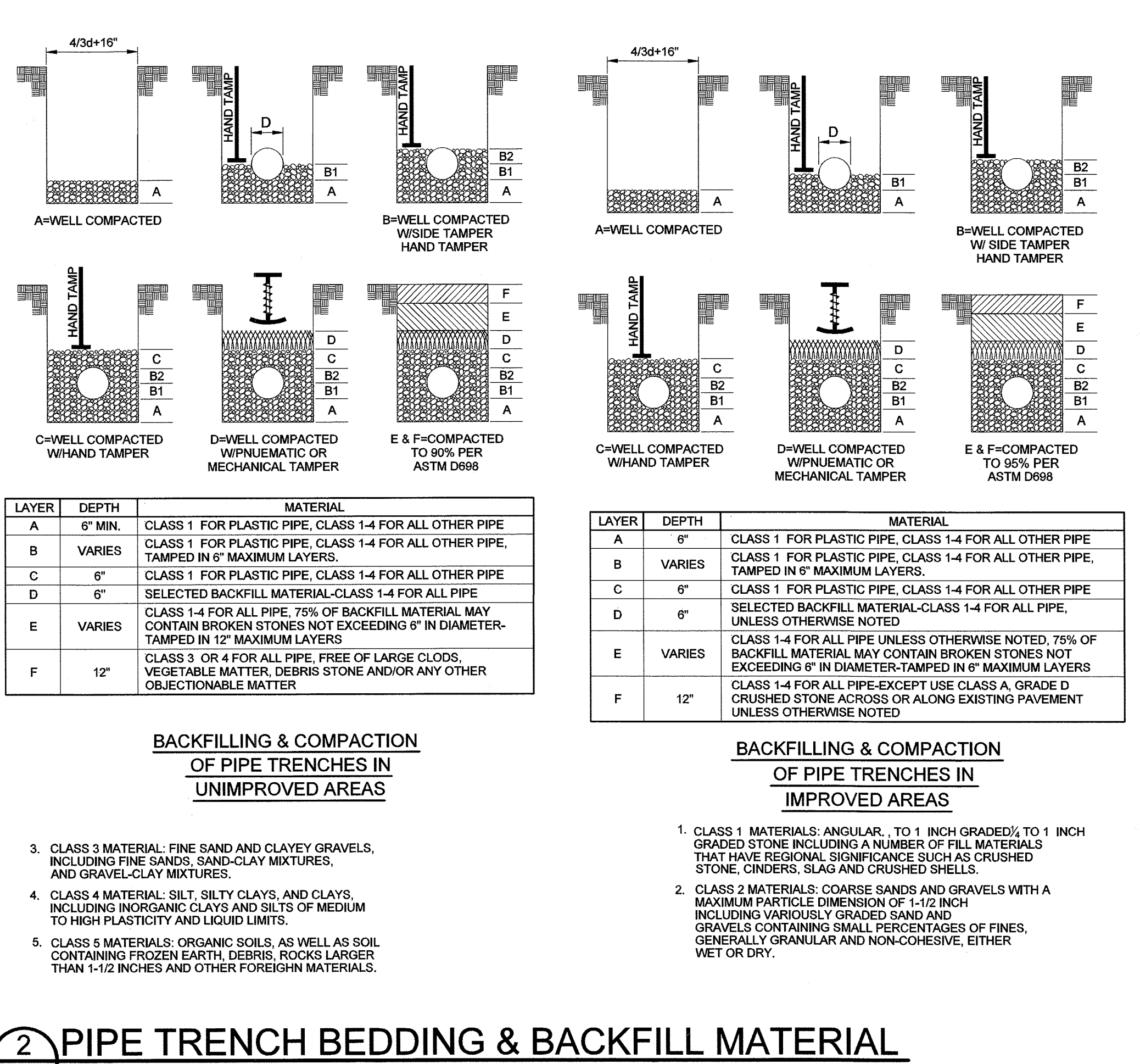
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B	DR	CHK	07/07/2022	90% REVIEW
C	DR	CHK	08/25/2022	ISSUED FOR PERMIT
D	DR	CHK	12/19/2022	ISSUE CORRECTIVE

**C7.05**  
37237-01



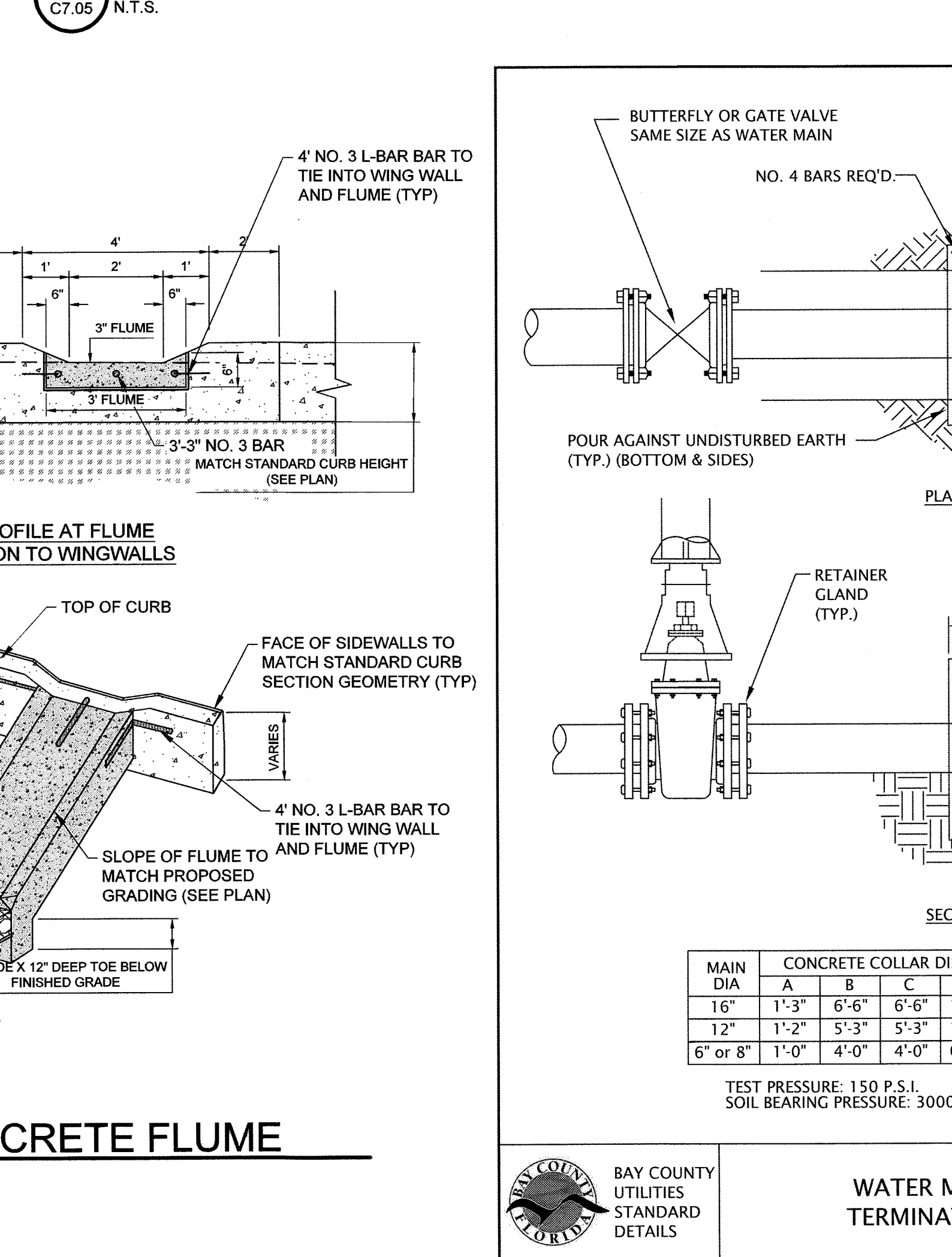
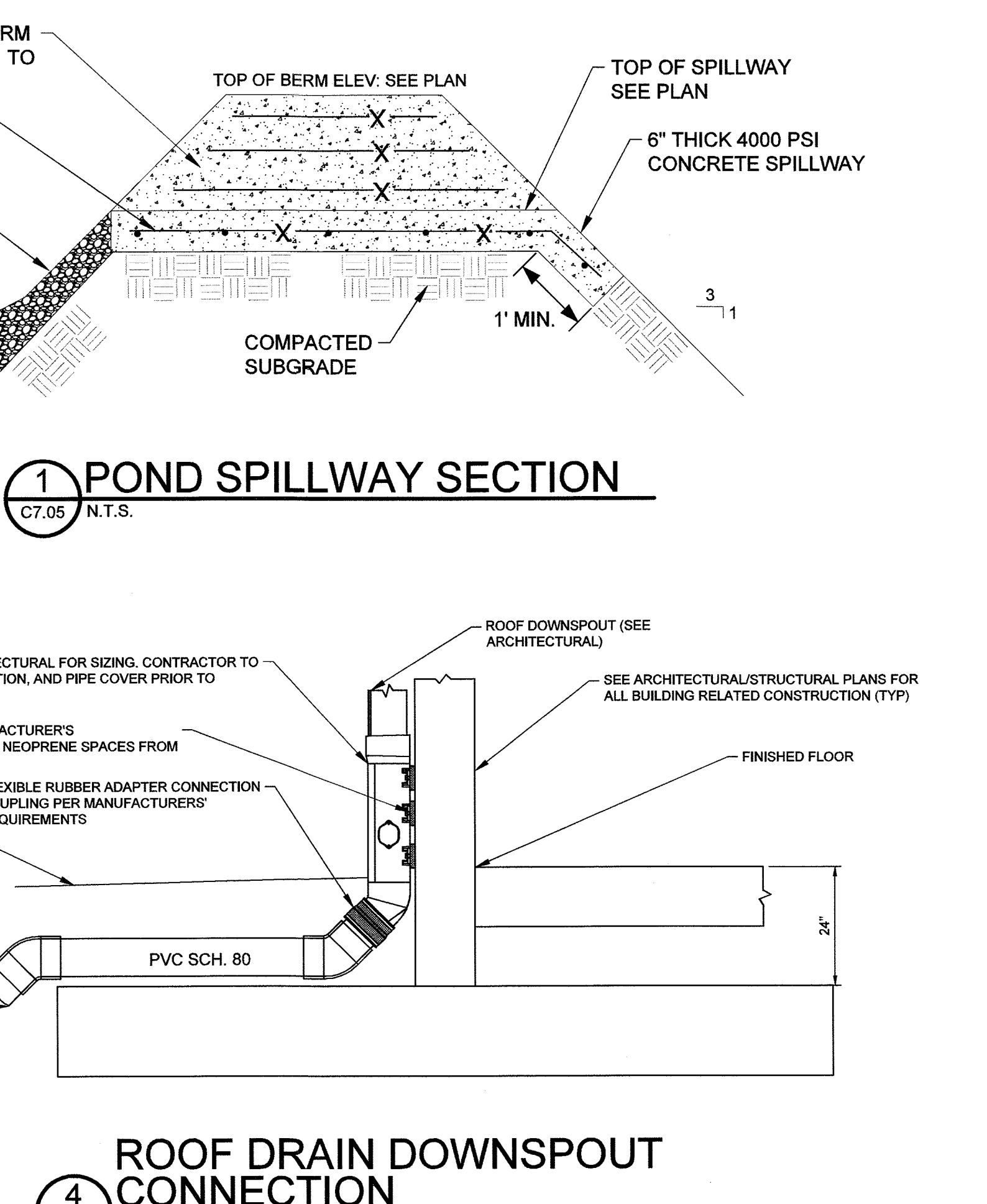
BAY COUNTY UTILITIES STANDARD DETAILS  
DATE: SEP 2020  
SCALE: NTS  
FIGURE: W-1

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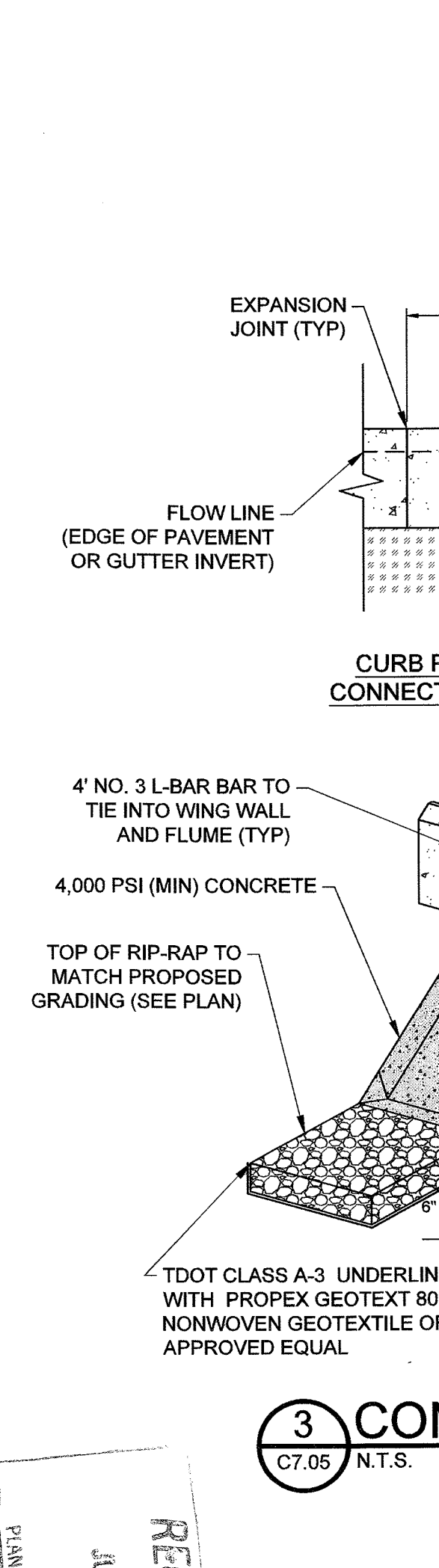
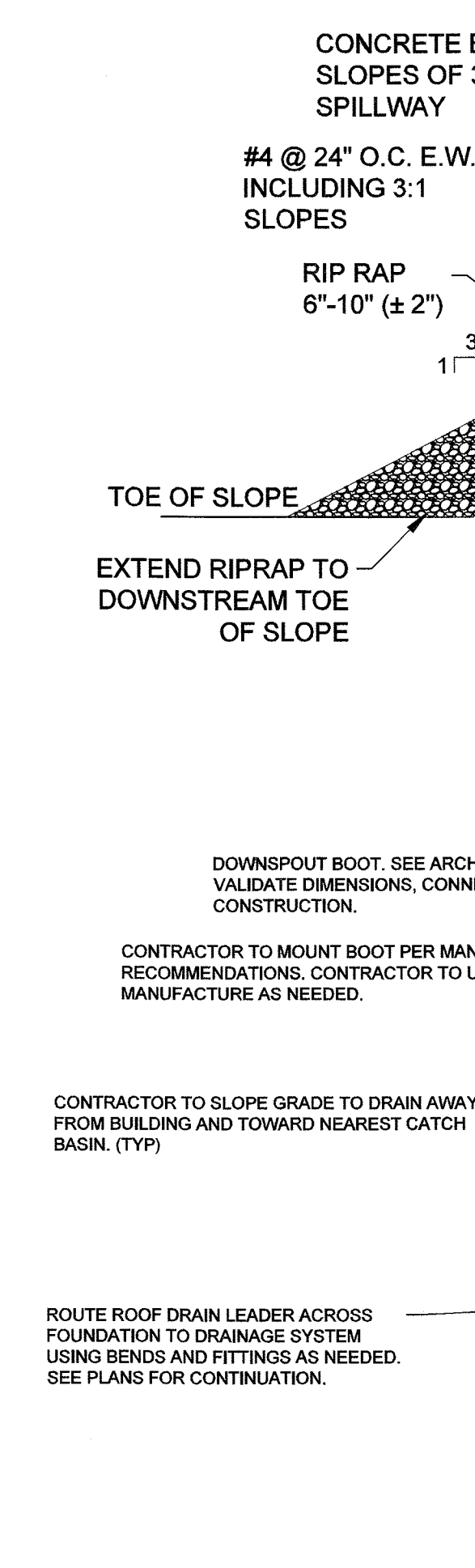


BAY COUNTY UTILITIES STANDARD DETAILS  
DATE: SEP 2020  
SCALE: NTS  
FIGURE: W-6

BAY COUNTY UTILITIES STANDARD DETAILS  
DATE: SEP 2020  
SCALE: NTS  
FIGURE: W-7

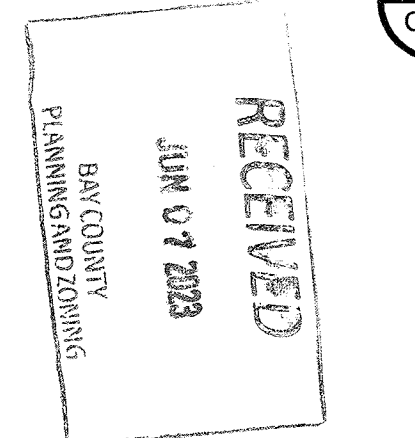


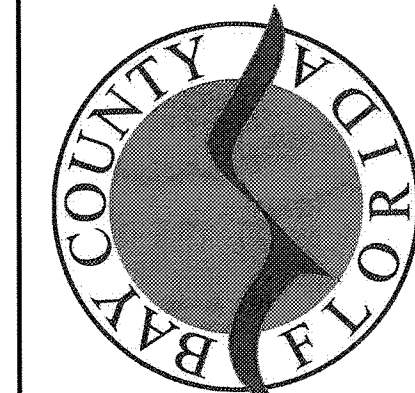
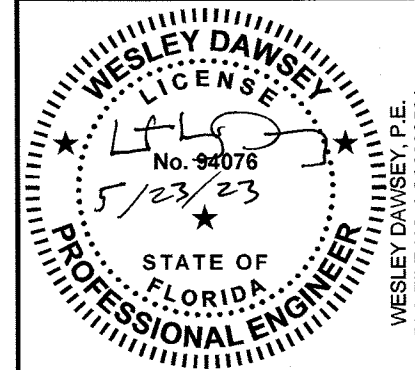
BAY COUNTY UTILITIES STANDARD DETAILS  
DATE: SEP 2020  
SCALE: NTS  
FIGURE: W-6



BAY COUNTY UTILITIES STANDARD DETAILS  
DATE: SEP 2020  
SCALE: NTS  
FIGURE: W-7

USER: HMB/CVW  
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SAVED: 12/19/2022  
PLOTTED: 12/19/2022



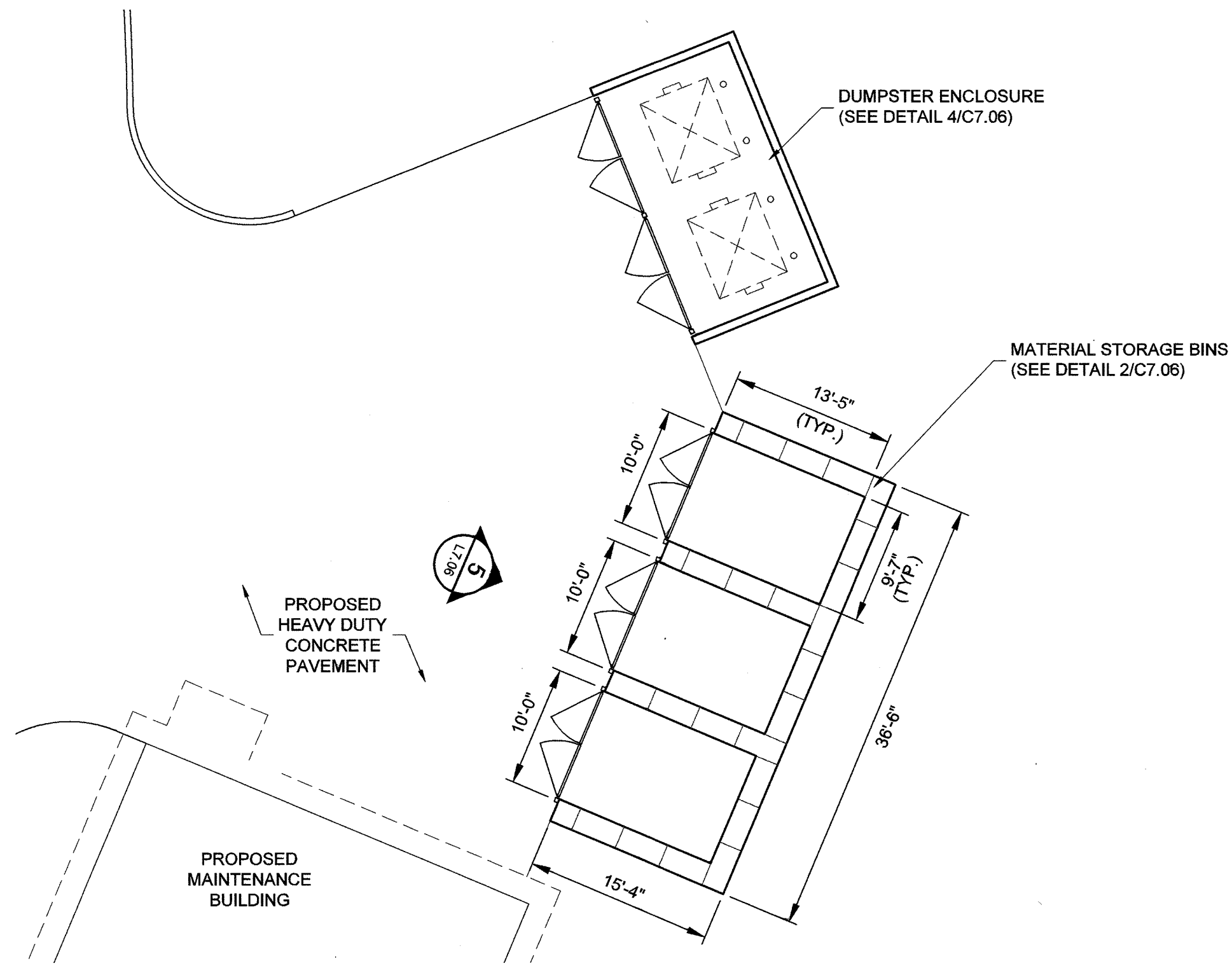


SITE DETAILS

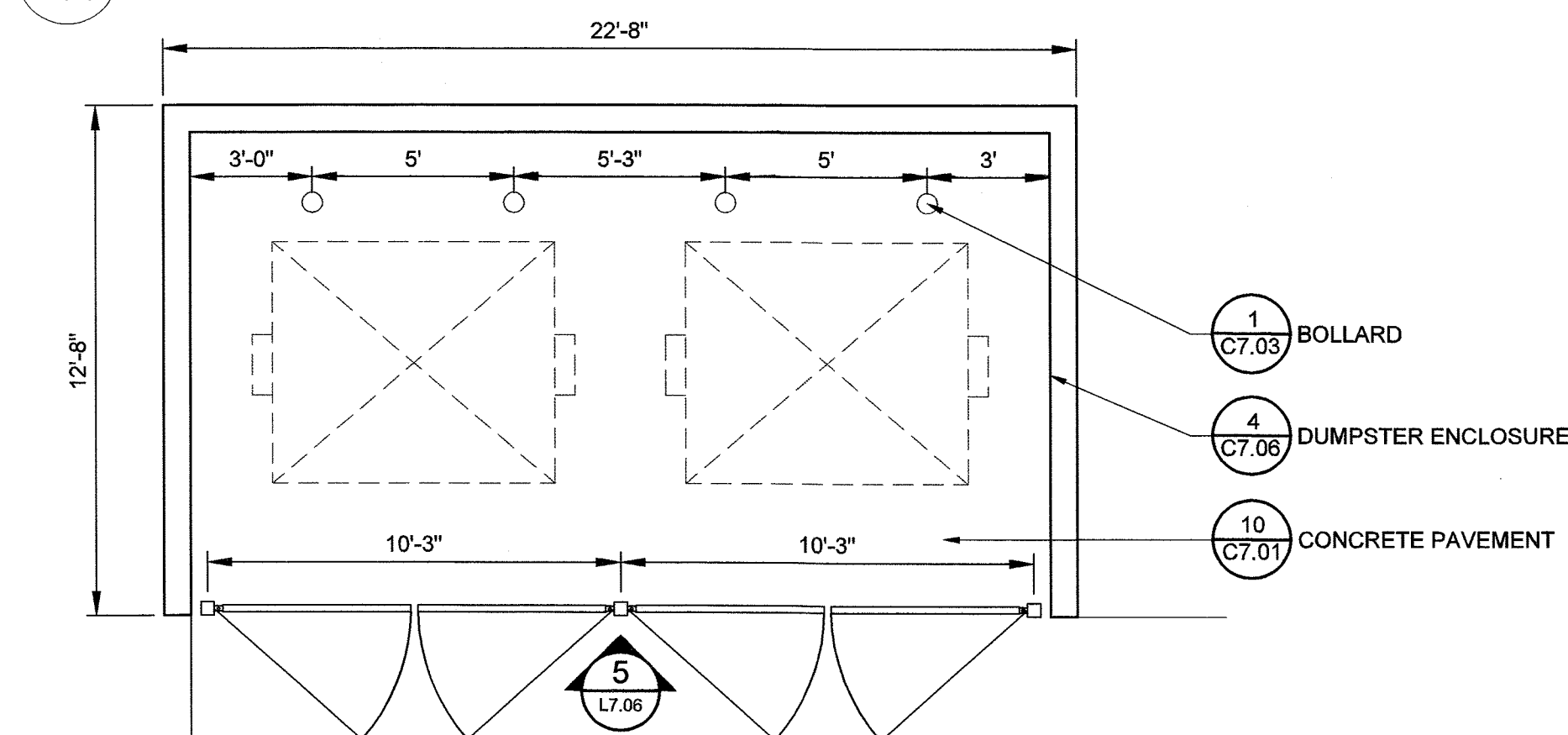
SITE IMPROVEMENTS FOR  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

REV.	CHK.	DATE	DESCRIPTION
A	HB	05/10/2022	60% REVIEW
B	HB	08/25/2022	ISSUED FOR PERMIT
C	HB	08/25/2022	ISSUE FOR PERMIT
D	HB	12/19/2022	

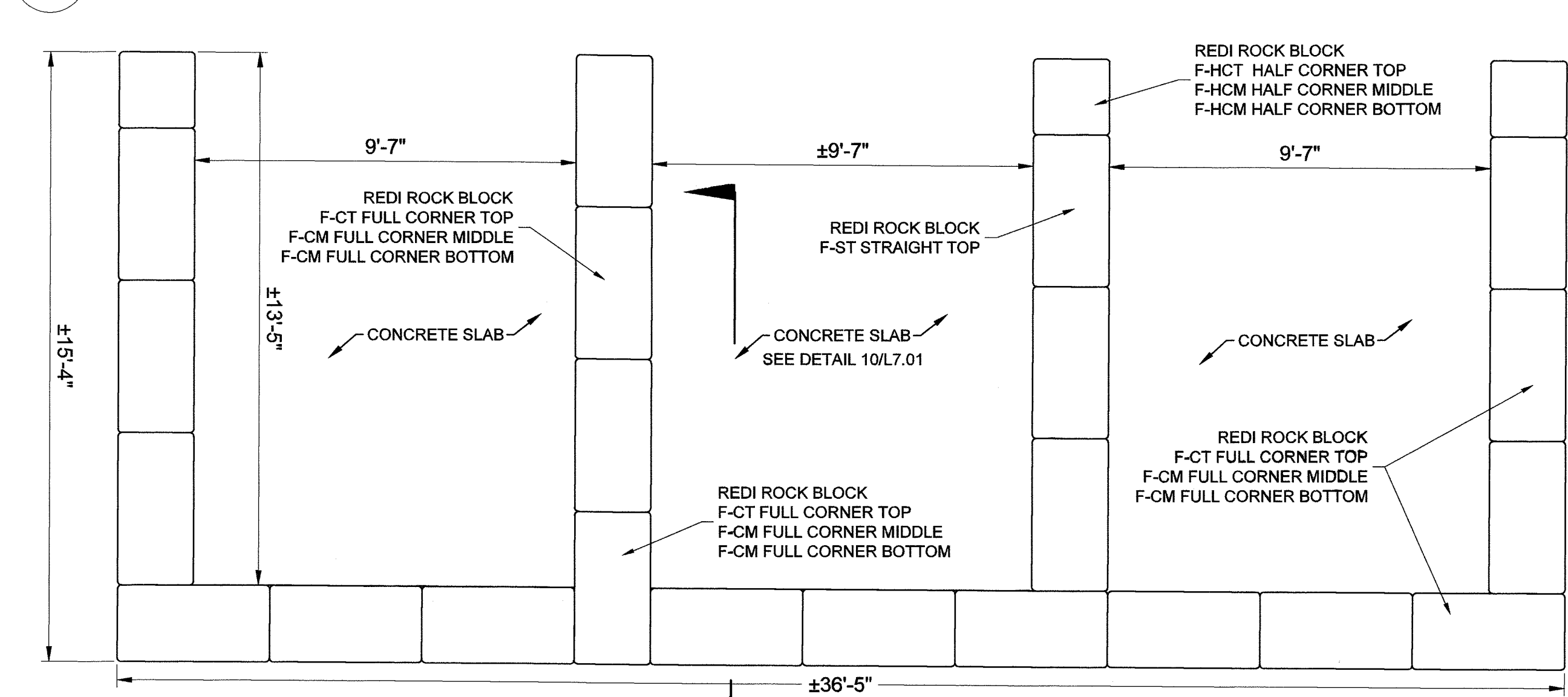
**C7.06**  
37237-01



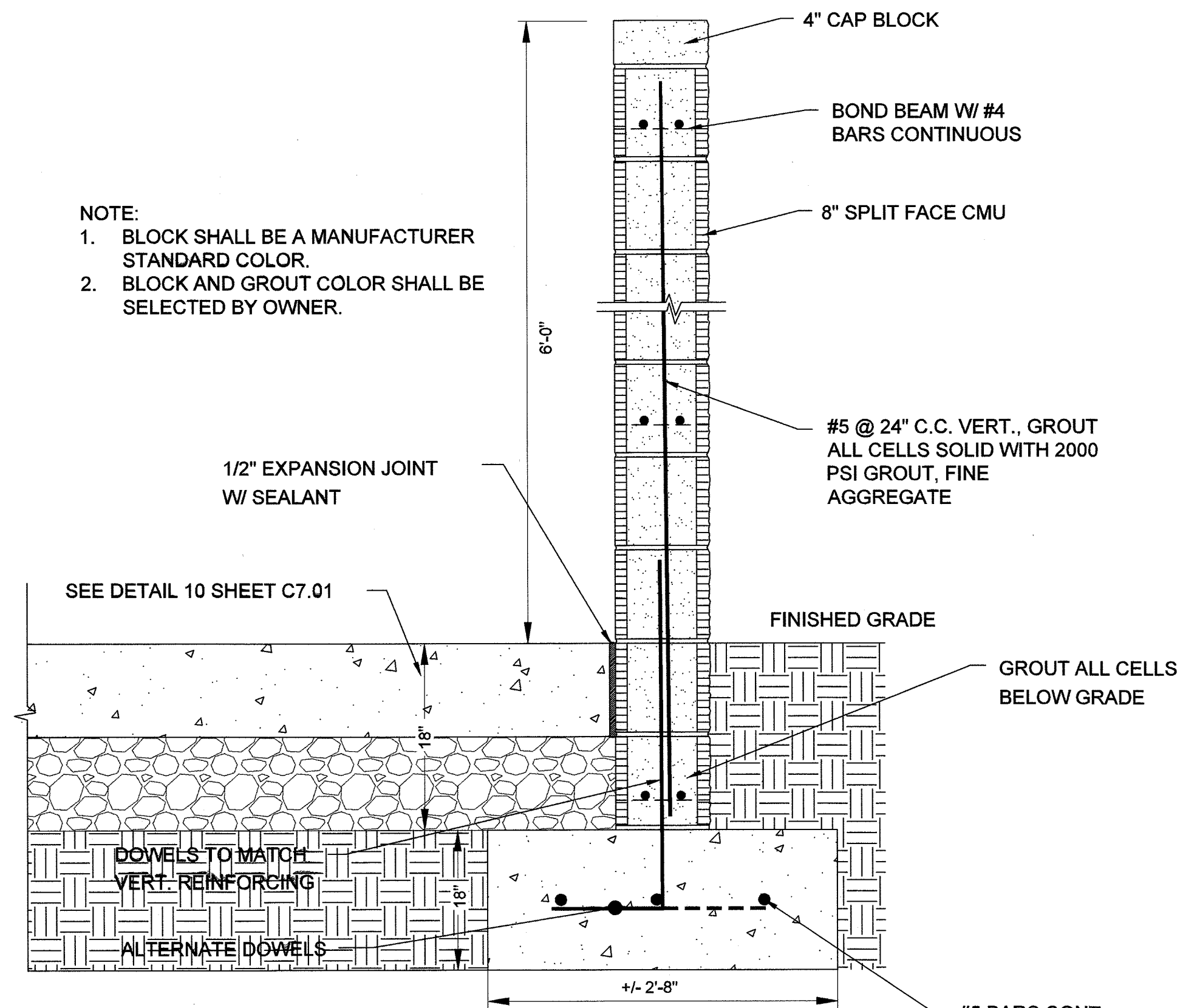
**1 MAINTENANCE BUILDING MATERIAL STORAGE AREA**  
C7.06 1"=10'-0"



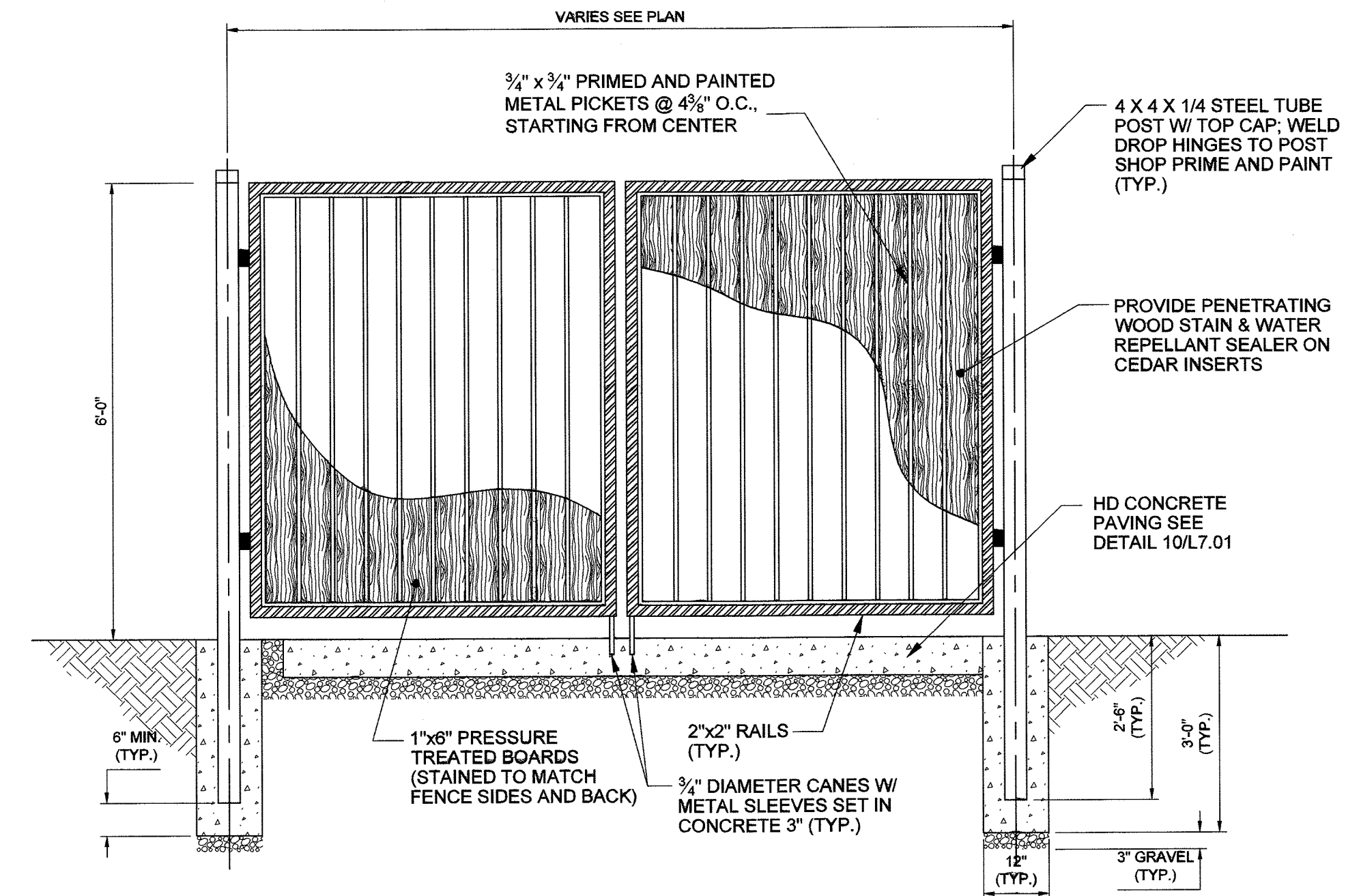
**2 DUMPSTER ENCLOSURE DETAILED PLAN**  
C7.06 3"=1'-0"



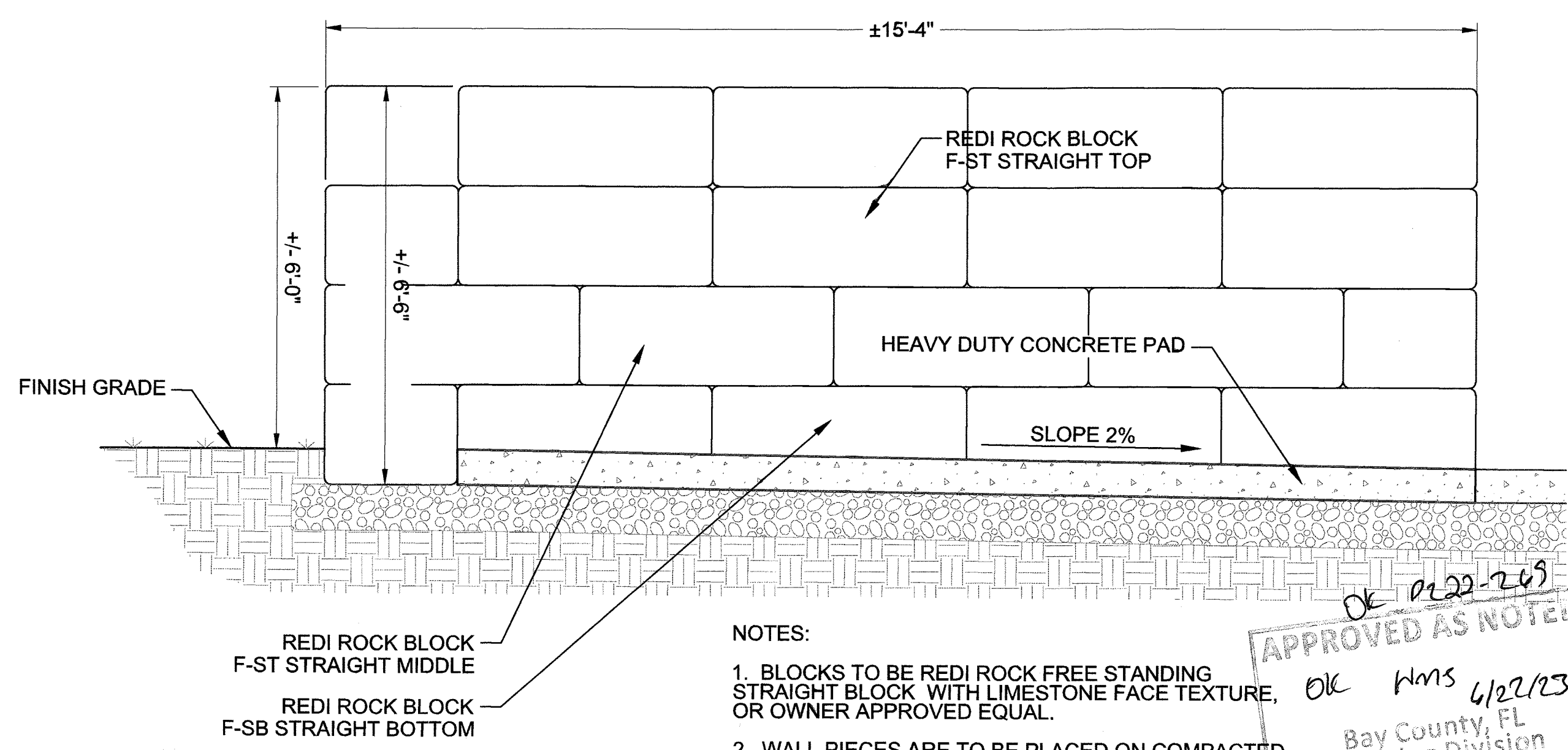
**3 MATERIAL STORAGE BINS DETAILED PLAN**  
C7.06 NTS



**4 DUMPSTER ENCLOSURE WALL SECTION**  
C7.06 NTS



**5 DUMPSTER & STORAGE BIN GATE ELEVATION - METAL**  
C7.06 SCALE: NTS



**6 MATERIAL STORAGE BINS SECTION**  
C7.06 NTS

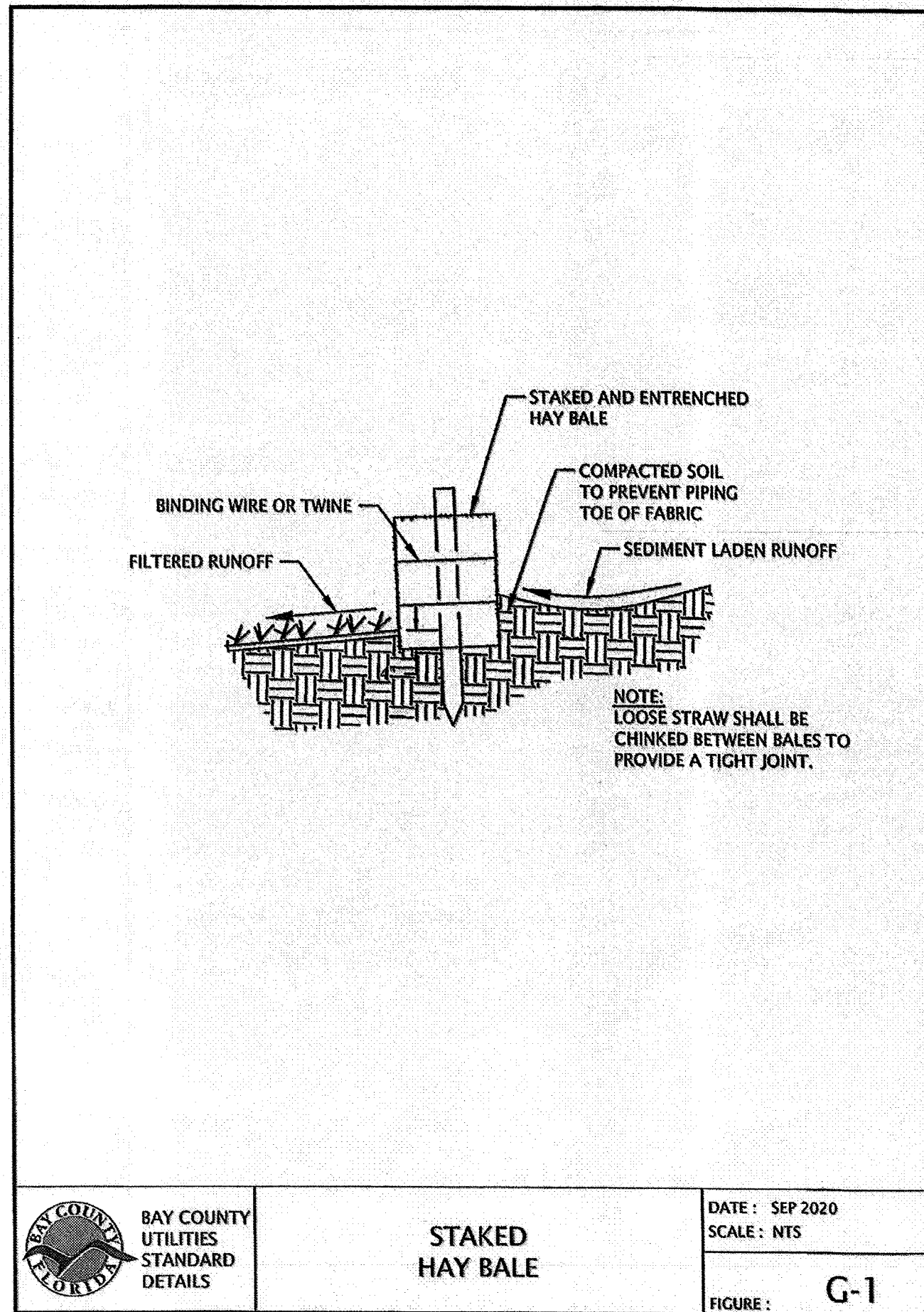
NOTES:  
1. BLOCKS TO BE REDI ROCK FREE STANDING STRAIGHT BLOCK WITH LIMESTONE FACE TEXTURE, OR OWNER APPROVED EQUAL.  
2. WALL PIECES ARE TO BE PLACED ON COMPACTED AGGREGATE BASE PRIOR TO PLACEMENT OF SLAB.

APPROVED AS NOTED  
OK WMS 4/22/23  
Bay County, FL Planning Division

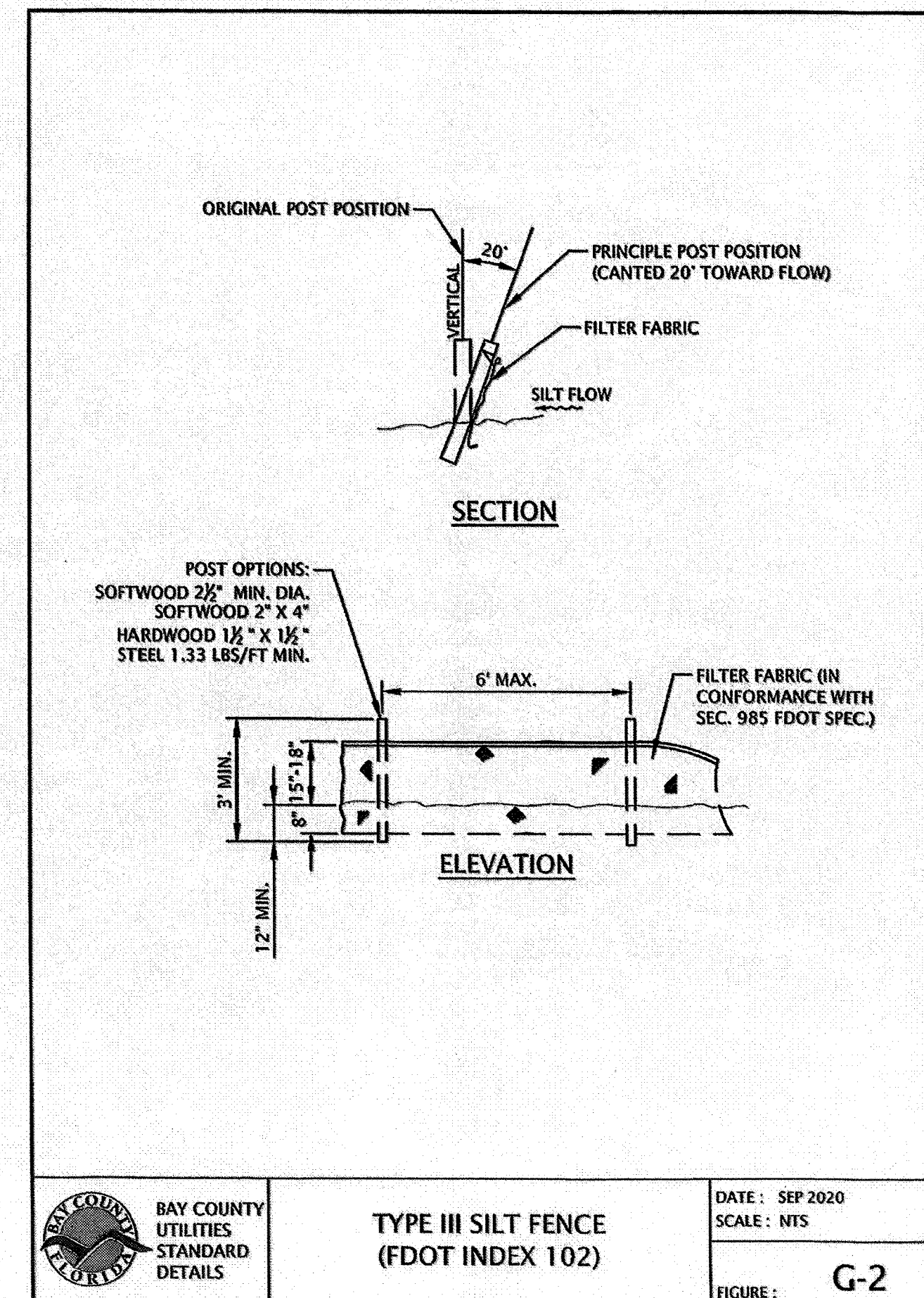


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PLANNING AND ZONING  
JUN 07 2023

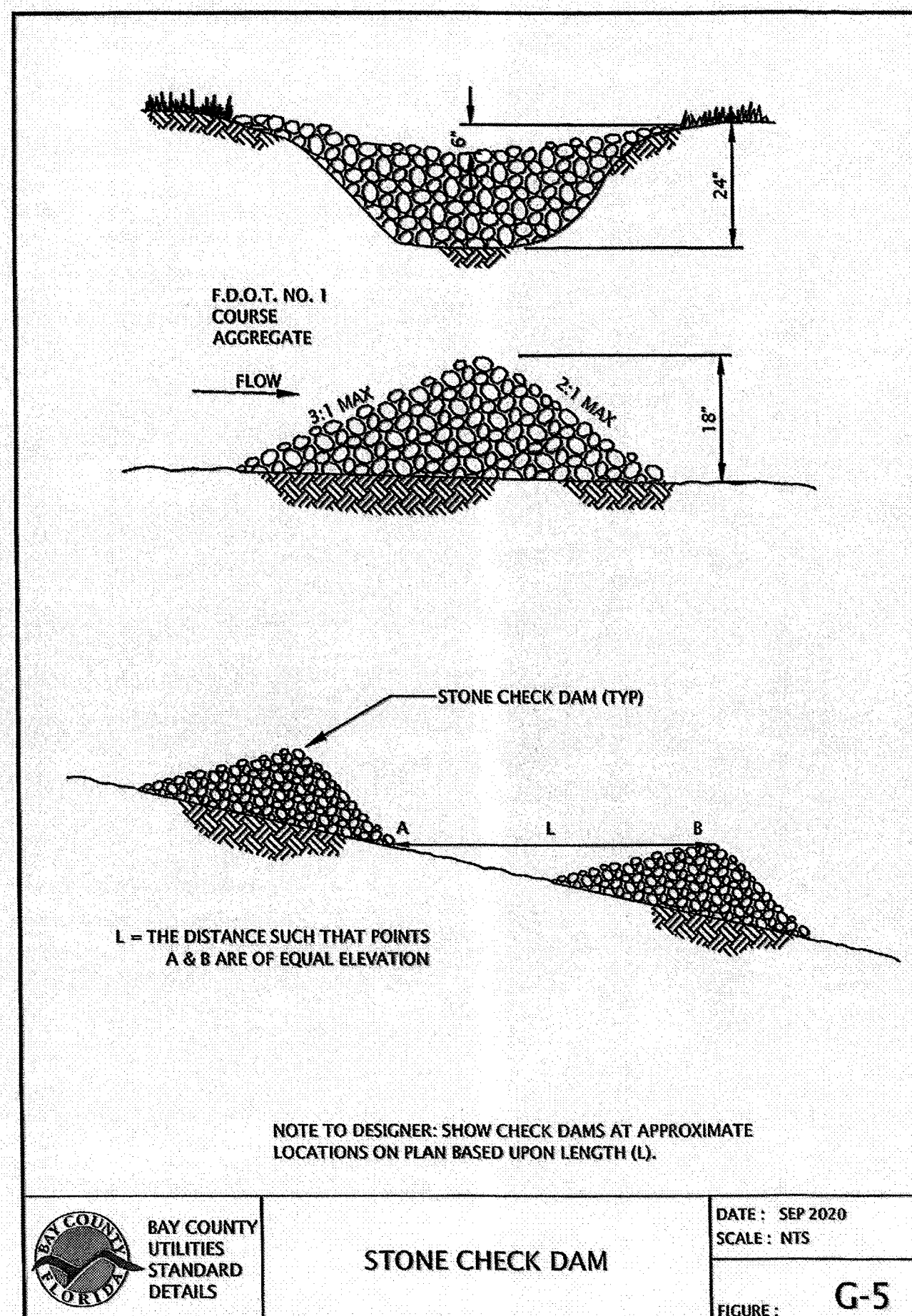
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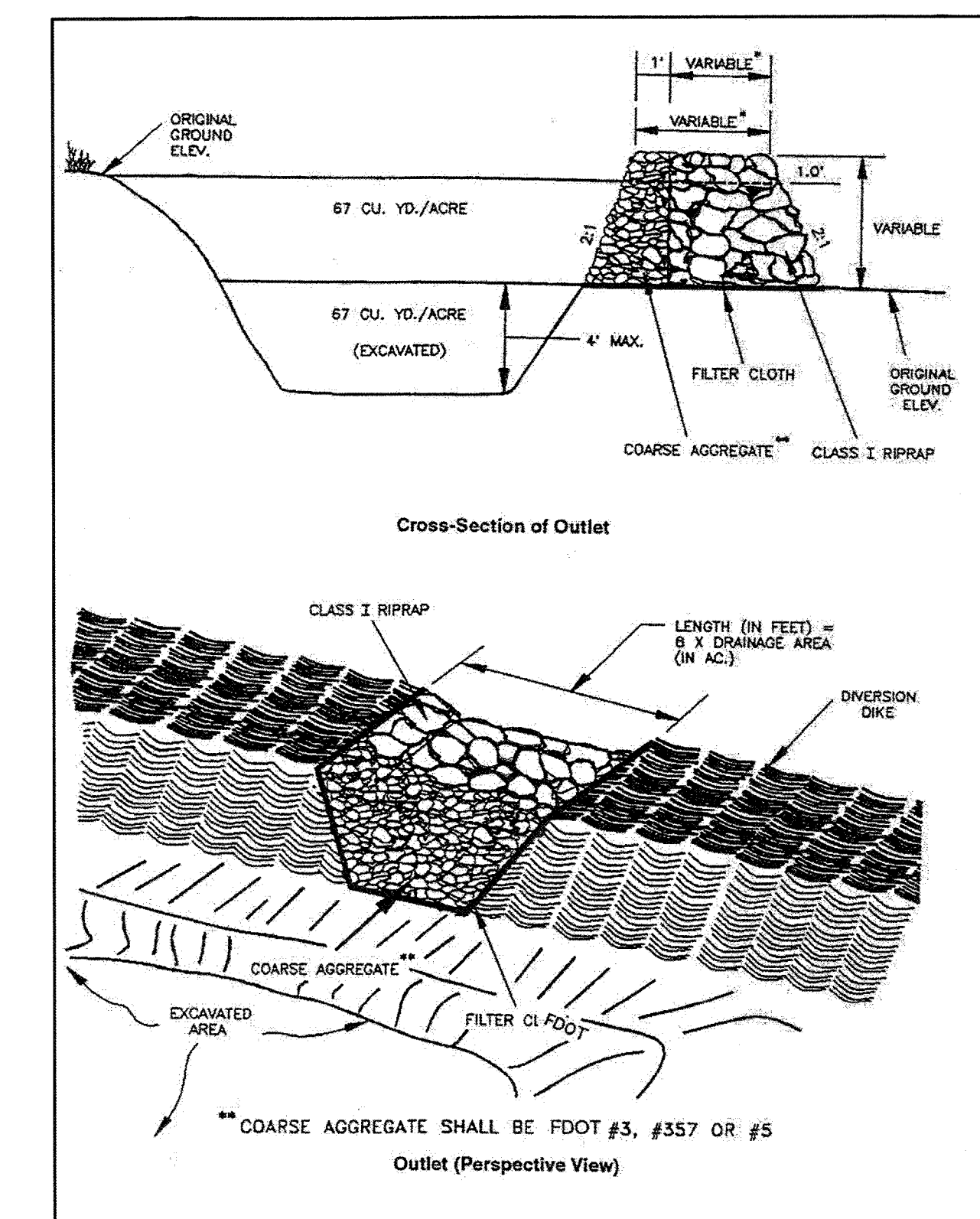
**BAY COUNTY UTILITIES STANDARD DETAILS**  
**STAKED HAY BALE**  
 DATE: SEP 2020  
 SCALE: NTS  
 FIGURE: **G-1**



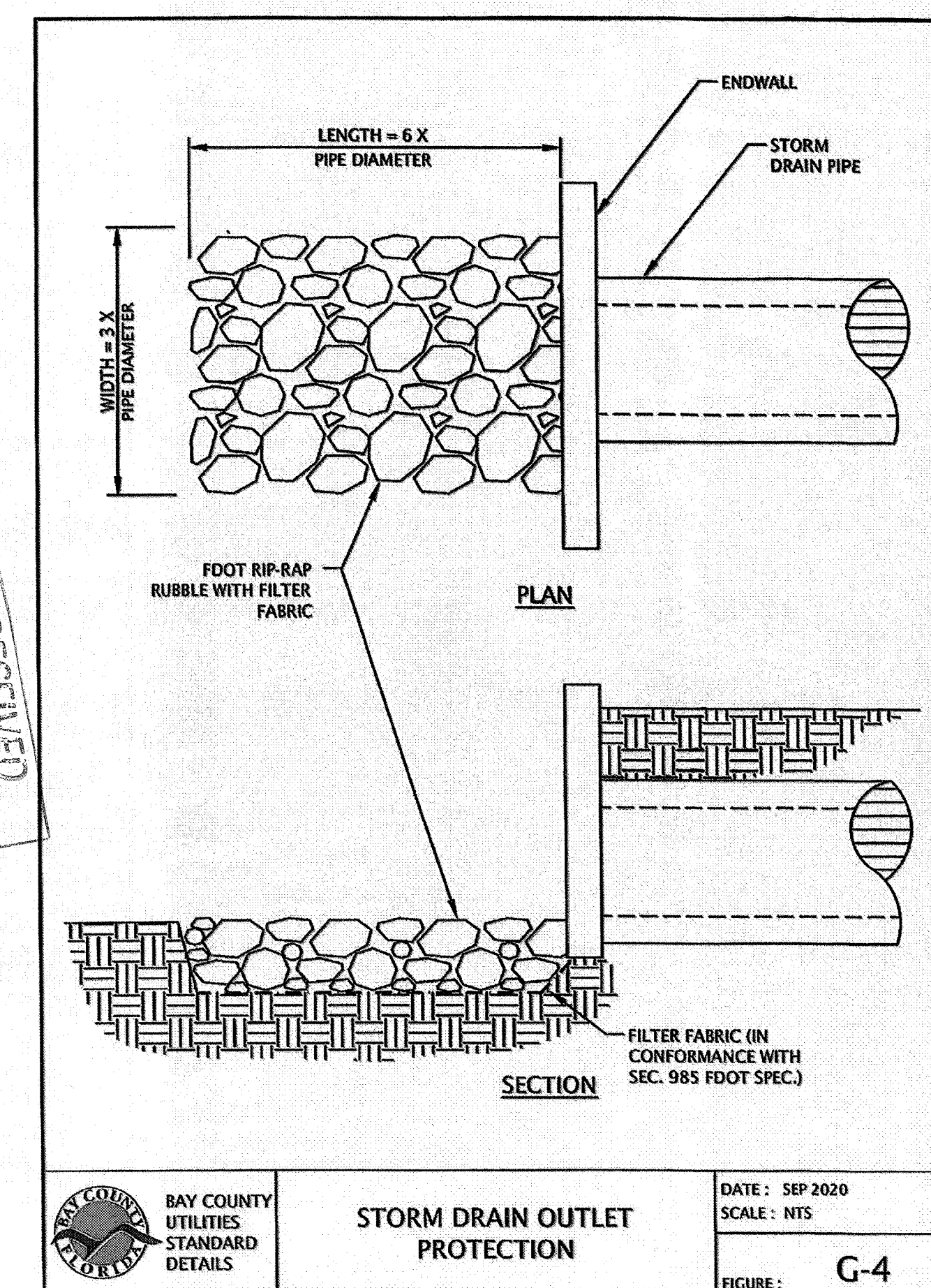
**BAY COUNTY UTILITIES STANDARD DETAILS**  
**TYPE III SILT FENCE (FDOT INDEX 102)**  
 DATE: SEP 2020  
 SCALE: NTS  
 FIGURE: **G-2**



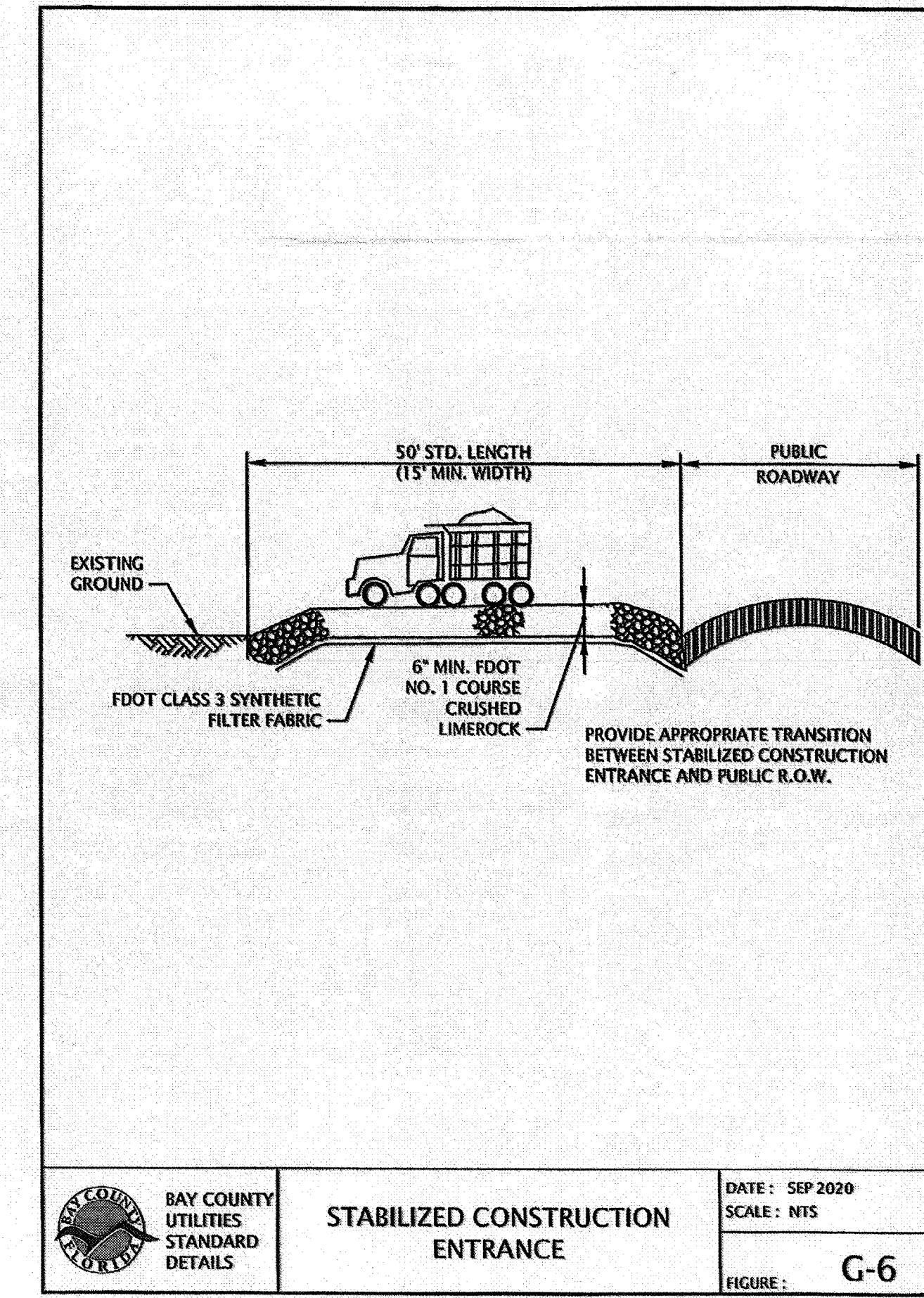
**BAY COUNTY UTILITIES STANDARD DETAILS**  
**STONE CHECK DAM**  
 DATE: SEP 2020  
 SCALE: NTS  
 FIGURE: **G-5**



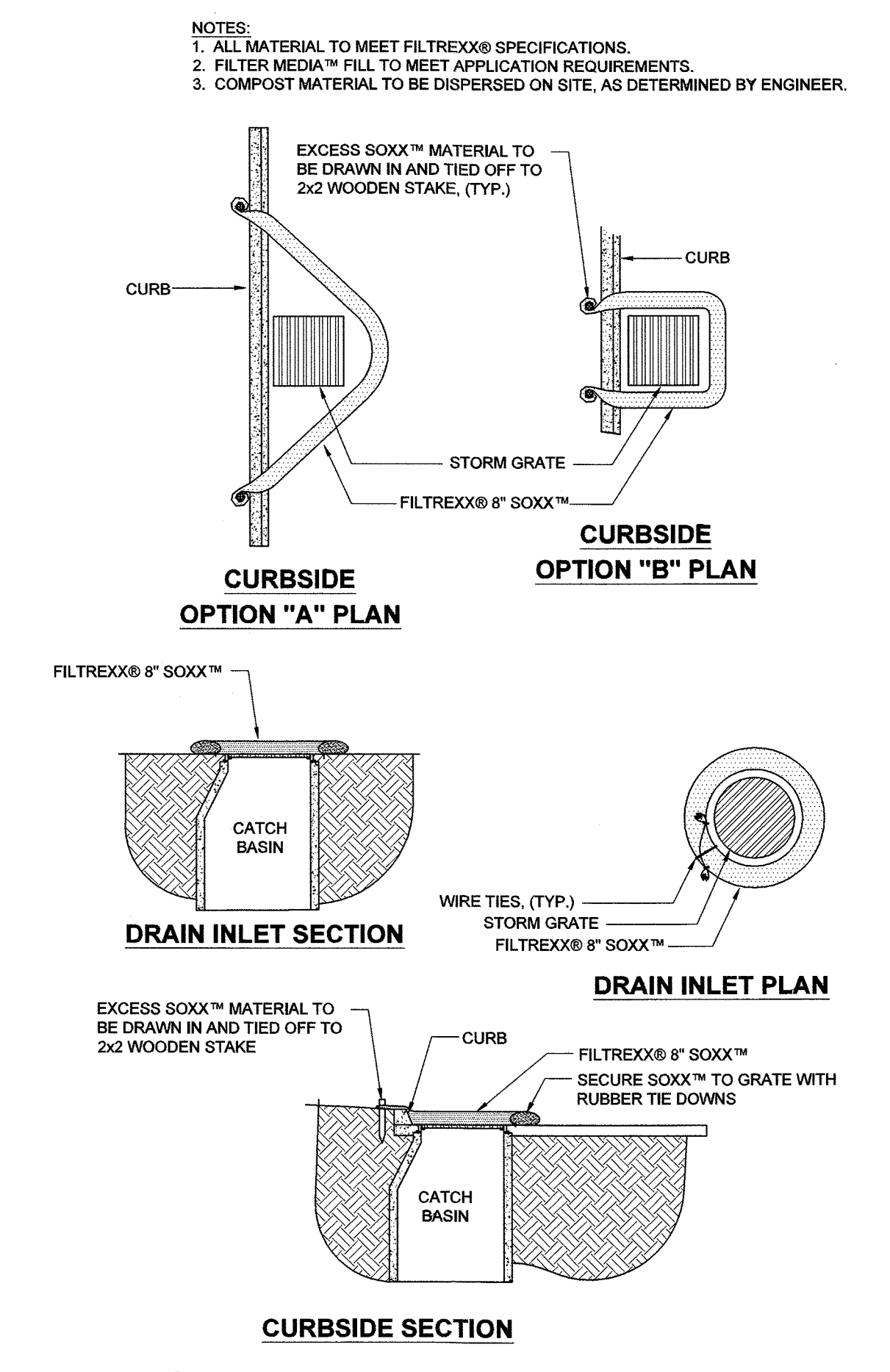
**Figure 3.6c. Stone outlet sediment trap**  
 Source: NRCS



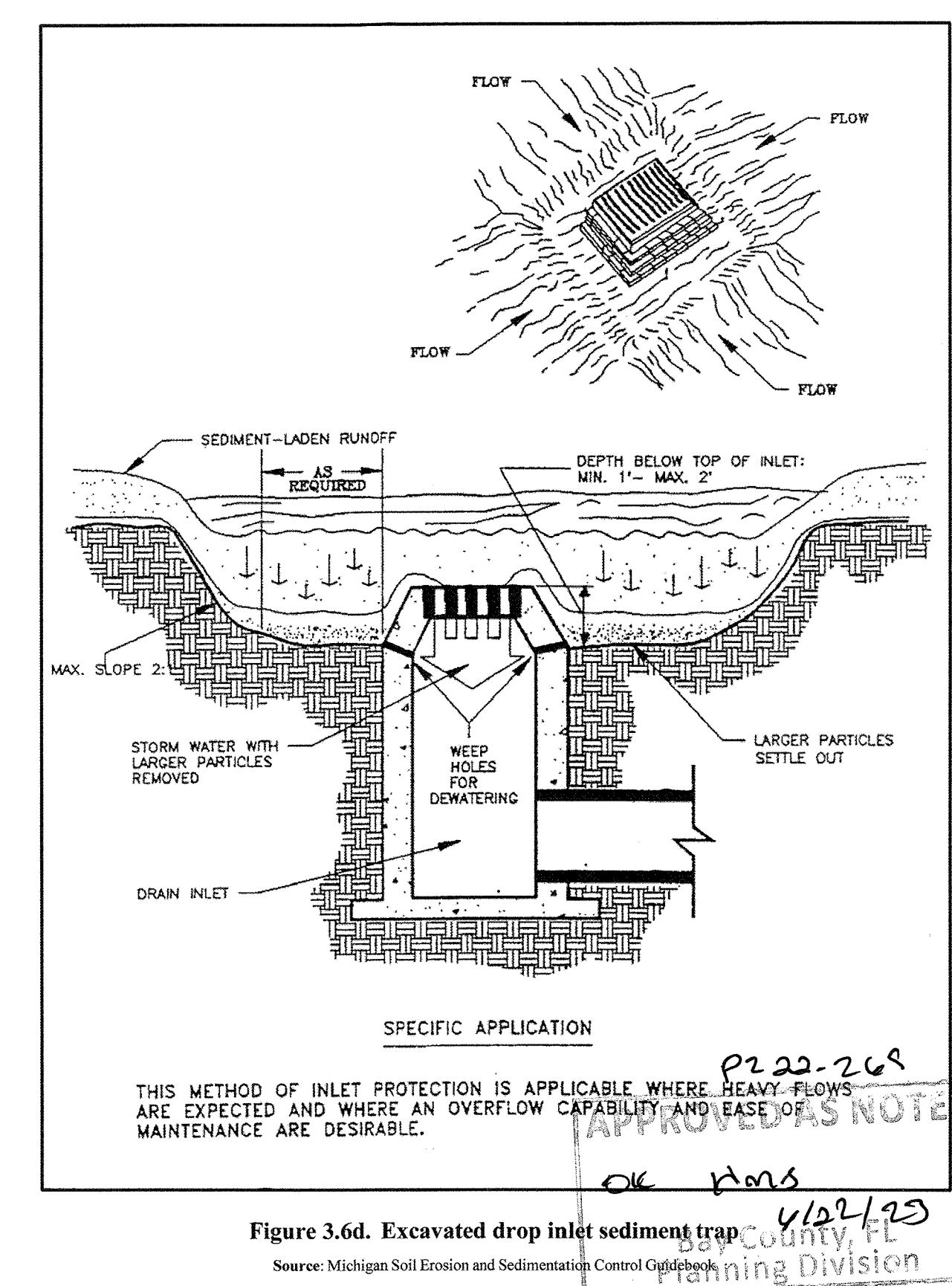
**BAY COUNTY UTILITIES STANDARD DETAILS**  
**STORM DRAIN OUTLET PROTECTION**  
 DATE: SEP 2020  
 SCALE: NTS  
 FIGURE: **G-4**



**BAY COUNTY UTILITIES STANDARD DETAILS**  
**STABILIZED CONSTRUCTION ENTRANCE**  
 DATE: SEP 2020  
 SCALE: NTS  
 FIGURE: **G-6**



**1 FILTREXX INLET PROTECTION**  
**C7.07** SCALE: NTS



**Figure 3.6d. Excavated drop inlet sediment trap**  
 Source: Michigan Soil Erosion and Sedimentation Control Guidelines

USER: HBROWN  
 FILE: F:\37237\37237\104\_CAD\CIVIL\FLOT\3723701\_C7.06\_DETAILS.dwg  
 SAVED: 12/19/2022  
 PLOTTED: 12/19/2022  
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 JAN 17 2023

840 Harrison Avenue / Suite 105 / Panama City, Florida 32401  
 PHONE (850) 294-9121  
 WESLEY DAWSEY, P.E.  
 FLA FILE NO. LC2000051

EROSION CONTROL DETAILS  
 SITE IMPROVEMENTS FOR  
 SOUTHPORT SPORTS COMPLEX  
 BAY COUNTY, FL

REV.	DR.	CHK.	DATE	DESCRIPTION
A	HB	WAD	05/10/2022	100% REVIEW
B	HB	WAD	08/25/2022	ISSUED FOR PERMIT
C	HB	WAD	12/19/2022	ISSUE FOR PERMIT
D	HB	WAD		

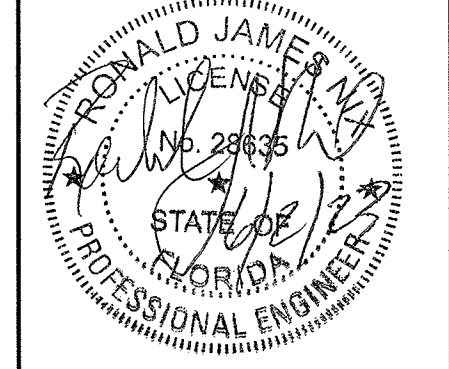
APPROVED AS NOTED

Wesley Dawsey  
 Professional Engineer  
 No. 94076  
 State of Florida

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**C7.07**

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 Page 750 of 823



ROADWAY LIGHTING, PANEL SCHEDULES  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
SOUTHPORT, FL

**PANEL 'MDP'**  
120/208V, 3PH, 4W, 800 AMP MCB, SURFACE MT PANELBOARD,  
42 CKT, 35,000 MIN A.I.C.

CKT	SERVING	LOAD VA	TRIP	POLE	PHASE A B C	TRIP	POLE	LOAD VA	SERVING	CKT
1	PANEL HLA	73910	400	3		125	3	14830	PANEL HLB	2
3		73910	-	-		-	-	14830		4
5		73910	-	-		-	-	14830		6
7	TRANSFORMER LPA	29490	200	3		40	3	5570	IRRIGATION BOOSTER PUMP (15 HP)	8
9		30940	-	-		-	-	5570		10
11		29990	-	-		-	-	5570		12
13	TRANSFORMER LPS	4500	70	2		25	3	3500	HP-1	14
15		4500	-	-		-	-	3500		16
17			20	1		-	-	3500		18
19	IWH-1	12000	60	3		30	3	6220	AH-1	20
21		12000	-	-		-	-	6220		22
23		12000	-	-		-	-	6220		24
25	IWH-1	12000	60	3		30	3	3820	OAC-1	26
27		12000	-	-		-	-	3820		28
29		12000	-	-		-	-	3820		30
31	IWH-1	12000	60	3		15	3	560	OAS-1	32
33		12000	-	-		-	-	560		34
35		12000	-	-		-	-	560		36
37			20	1		20	1			38
39			20	1		20	1			40
41			20	1		20	1			42
43			20	1		20	1			44
45			20	1		20	1			46
47			20	1		20	1			48
49	SPD		30	3		20	1			50
51			-	-		20	1			52
53			-	-		20	1			54

CONNECTED LOADS: PHASE A = 178,720 VA  
PHASE B = 190,170 VA  
PHASE C = 174,720 VA  
TOTAL = 533,610 VA = 667 AMPS

**PANEL 'HLB'**  
480/277V, 3PH, 4W, 125 AMP MCB, SURFACE MT PANELBOARD,  
30 CKT, 14,000 MIN A.I.C.

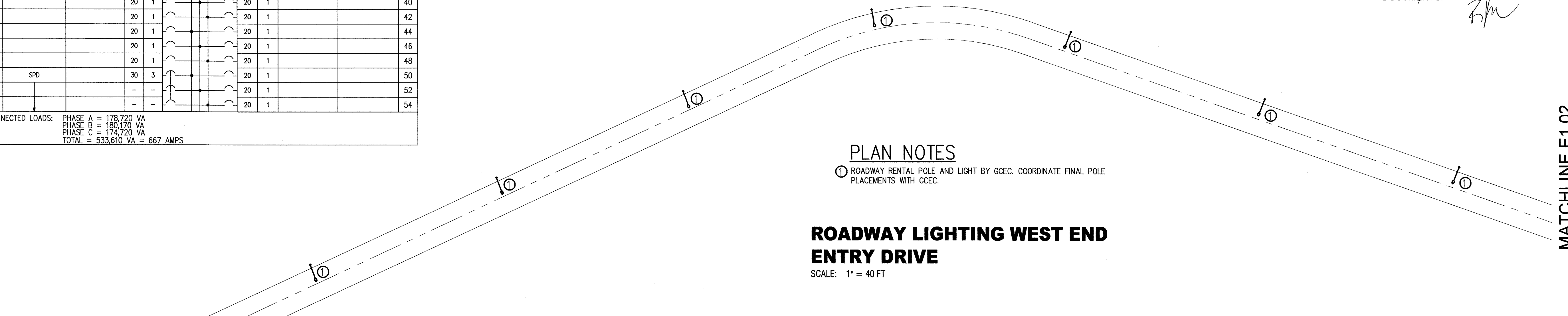
CKT	SERVING	LOAD VA	TRIP	POLE	PHASE A B C	TRIP	POLE	LOAD VA	SERVING	CKT
1	POLE AS, FIELD 5 CC2/C1	1670	20	3		20	3	1670	POLE AS, FIELD 5 CC2/C2	2
3		1670	-	-		-	-	1670		4
5		1670	-	-		-	-	1670		6
7	POLE A7, FIELD 6 CC2/C3	1640	20	3		20	3	1640	POLE A8, FIELD 6 CC2/C4	8
9		1640	-	-		-	-	1640		10
11		1640	-	-		-	-	1640		12
13	POLE B5, FIELD 6 CC2/C5	2910	20	3		20	3	2910	POLE B6, FIELD 6 CC2/C6	14
15		2910	-	-		-	-	2910		16
17		2910	-	-		-	-	2910		18
19	SECURITY LIGHTING CC2/C7	2910	20	3		20	1			20
21		2910	-	-		20	1			22
23		2910	-	-		20	1			24
25	SPD		30	3		20	1			26
27			-	-		20	1			28
29			-	-		20	1			30

CONNECTED LOADS: PHASE A = 14830 VA  
PHASE B = 14830 VA  
PHASE C = 14830 VA  
TOTAL = 44,490 VA = 54 AMPS

**PANEL 'LSP'**  
120/240V, 1PH, 3W, 100 AMP MCB, SURFACE MT PANELBOARD,  
18 CKT, 10,000 MIN A.I.C.

CKT	SERVING	LOAD VA	TRIP	POLE	PHASE A B	TRIP	POLE	LOAD VA	SERVING	CKT
1	LIFT STATION	4500	50	2						2
3		4500	-	-						4
5										6
7										8
9										10
11										12
13										14
15										16
17	SPD		30	2						18
19			-	-						20

CONNECTED LOADS: PHASE A = 4500 VA  
PHASE B = 4500 VA  
TOTAL = 9000 VA = 38 AMPS



**PANEL 'LPM'**  
208/120V, 3PH, 4W, 125 AMP MCB, SURFACE MT PANELBOARD,  
30 CKT, 10,000 MIN A.I.C.

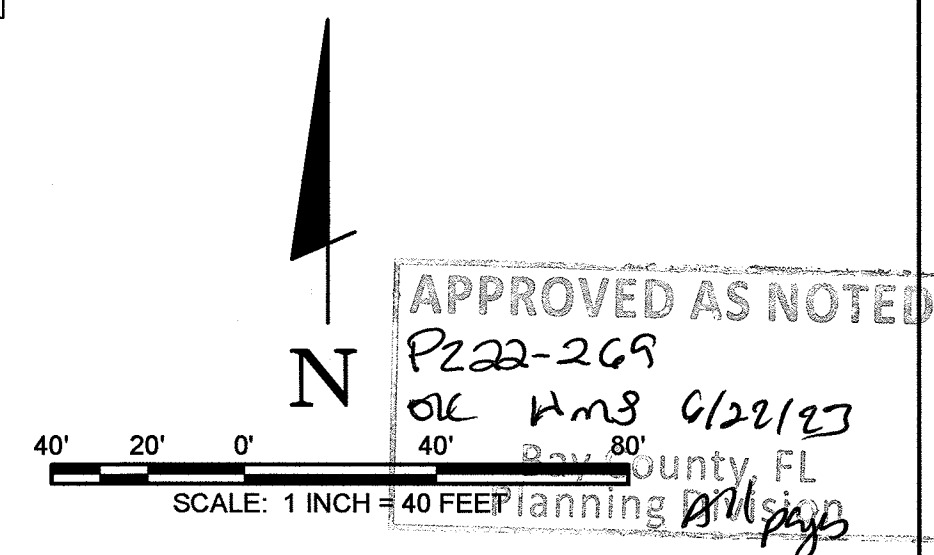
CKT	SERVING	LOAD VA	TRIP	POLE	PHASE A B C	TRIP	POLE	LOAD VA	SERVING	CKT
1	INTERIOR LTS	500	20	1		20	1	900	RECEIPTS	2
3	TBB-M	400	20	1		20	1	900	RECEIPTS	4
5	IRRIGATION CONTROLLER	400	20	1		20	1	200	EXTERIOR LTS	6
7	EF-4	580	15	3		15	1	200	MOTORIZED LOUVERS	8
9		580	-	-		-	-			10
11		580	-	-		-	-			12
13	EF-4	580	15	3						14
15		580	-	-						16
17		580	-	-						18
19										20
21										22
23										24
25	SPD		30	3						26
27			-	-						28
29			-	-						30

CONNECTED LOADS: PHASE A = 2760 VA  
PHASE B = 2460 VA  
PHASE C = 1760 VA  
TOTAL = 6980 VA = 19.4 AMPS

**PANEL 'LPB'**  
120/208V, 3PH, 4W, 100 AMP MCB, SURFACE MT PANELBOARD,  
18 CKT, 10,000 MIN A.I.C.

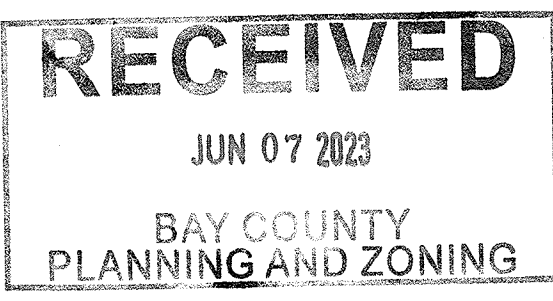
CKT	SERVING	LOAD VA	TRIP	POLE	PHASE A B C	TRIP	POLE	LOAD VA	SERVING	CKT
1	FIELD 6 SCORERS TABLE	400	20	1		20	1	250	FIELD 6 SCOREBOARD	2
3	BATTING CAGE LTS	1200	20	2		20	1	600	DUGOUTS FIELD 6	4
5		1200	-	-		20	1	600	PICNIC SHELTER	6
7			20	1		20	1			8
9			20	1		20	1			10
11			20	1		20	1			12
13	SPD		30	3		20	1			14
15			-	-		20	1			16
17			-	-		20	1			18

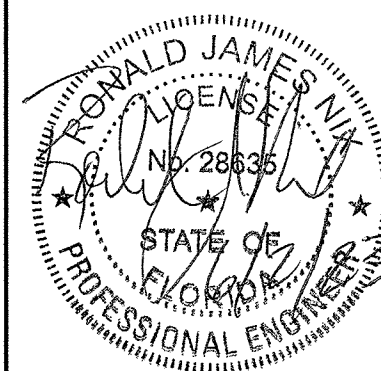
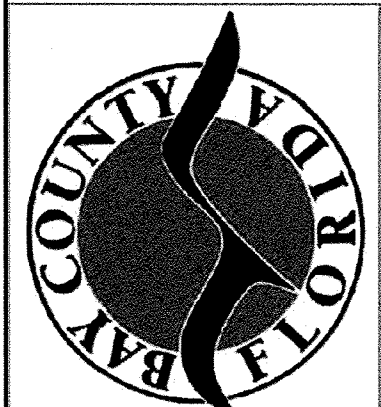
CONNECTED LOADS: PHASE A = 650 VA  
PHASE B = 1800 VA  
PHASE C = 1800 VA  
TOTAL = 4250 VA = 12 AMPS



REV	DR	CHK	DATE	DESCRIPTION
0				100% REVIEW
1				PERMIT DOCUMENTS
2				DO SUBMITTAL
3				

**E1.01**  
37237-01



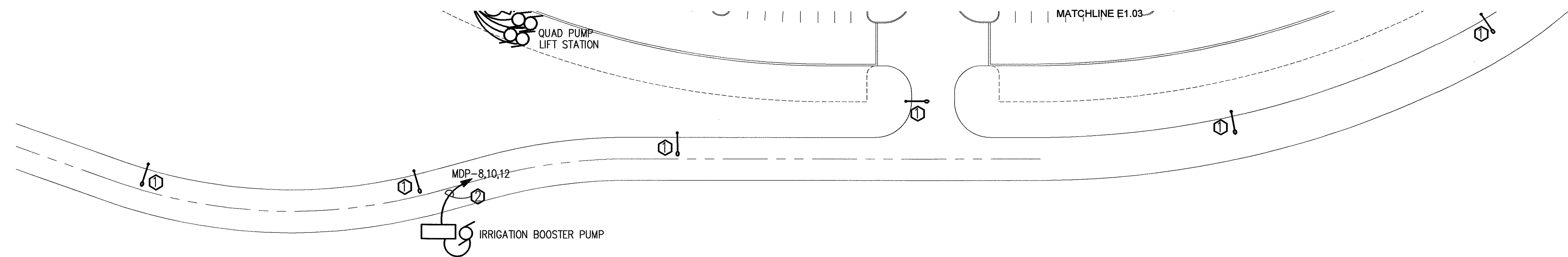


ROADWAY LIGHTING, LEGEND, RISER  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
SOUTHPORT, FL

REV	DATE	DESCRIPTION
1	02/03/2021	ISSUE FOR PERMIT
2	04/02/2022	100% REVIEW
3	07/19/2022	PERMIT DOCUMENTS
4	05/31/2023	DO SUBMITTAL

**E1.02**

37237-01

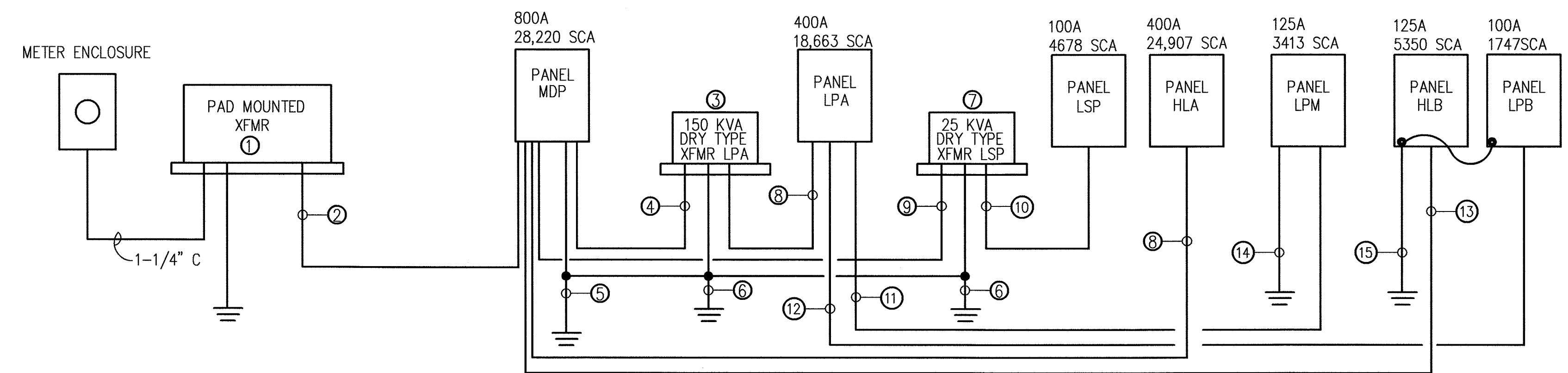


**PLAN NOTES - THIS SHEET**

- ① ROADWAY RENTAL POLE AND LIGHT BY GCEC. COORDINATE FINAL POLE PLACEMENTS WITH GCEC.
- ② THREE 2 AWG THWN-2 CU AND ONE 2 AWG CU GND IN 1-1/2" C. CONNECT TO CONTROLLER FURNISHED WITH PUMP AND CONNECT PUMP PER MANUFACTURER'S INSTRUCTIONS. CONTROLLER TO BE FURNISHED WITH INTEGRAL DISCONNECT. AT THIRD POINTS OF CONDUIT RUN PROVIDE 24"X24"X24"D TIER 15 OPEN BOTTOM UNDERGROUND PULL BOX WITH "ELECTRIC" COVER AND STAINLESS STEEL PENTA HEAD BOLTS BY QUAZITE OR EQUAL. INSTALL ON 48"X48"X120" GRAVEL BASE.

**ROADWAY LIGHTNG EAST END ENTRY DRIVE**

SCALE: 1" = 40 FT



**SINGLE LINE DIAGRAM**  
NOT TO SCALE

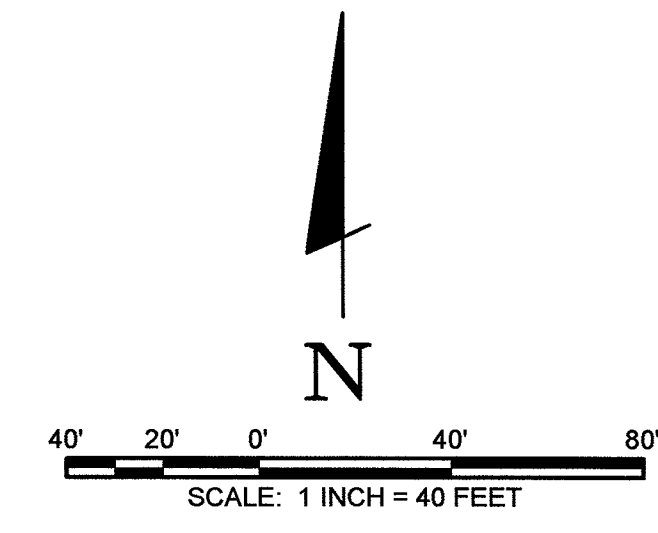
**KEY TO SINGLE LINE DIAGRAM**

- ① PAD MOUNTED TRANSFORMER BY UTILITY COMPANY. CONTRACTOR PROVIDE CONCRETE PAD & GROUNDING PER UTILITY COMPANY SPECIFICATIONS. CONTRACTOR TO PAY ANY UNDERGROUND SERVICE CHARGES. PROVIDE PEDESTAL FOR METER ENCLOSURE PER UTILITY COMPANY SPECIFICATIONS.
- ② THREE 4" CONDUITS WITH FOUR 350 KCMIL THWN CU CONDUCTORS IN EACH CONDUIT. LEAVE SEVEN FT OF SLACK CONDUCTOR FOR UTILITY COMPANY CONNECTION AT TRANSFORMER.
- ③ DRY-TYPE TRANSFORMER: 112.5 KVA, 480V THREE PHASE DELTA PRIMARY, 208Y/120V SECONDARY.
- ④ THREE 3/0 AWG THWN-2 CU AND ONE 6 AWG CU GND IN 2" C.
- ⑤ 2/0 AWG COPPER. CONNECT TO BLDG STEEL, METAL WATER LINE IN CONTACT WITH EARTH FOR AT LEAST 10 FEET, TO CONCRETE ENCASED ELECTRODE PER NEC 250.50 & TO THREE 3/4" X 30 FT SOLID COPPER GND RODS DRIVEN IN A TRIANGULAR PATTERN & SPACED 10FT ON CENTER.
- ⑥ 2/0 AWG COPPER. CONNECT TO BUILDING GROUNDING ELECTRODE SYSTEM.
- ⑦ DRY-TYPE TRANSFORMER: 25 KVA, 480V SINGLE PHASE PRIMARY, 120/240V SINGLE PHASE SECONDARY.
- ⑧ FOUR 600 KCMIL THWN-2 CU AND ONE 3 AWG CU GND IN 4" C.
- ⑨ TWO 4 AWG THWN CU AND ONE 8 AWG CU GND IN 1-1/4" C.
- ⑩ THREE 2 AWG THWN CU AND ONE 8 AWG CU GND IN 1-1/2" C.
- ⑪ FOUR 300 KCMIL THWN-2 CU AND ONE 2/0 AWG CU GND IN 4" C. AT MID POINT (+/-) OF RUN PROVIDE 24"X24"X24"D TIER 15 OPEN BOTTOM UNDERGROUND PULL BOX WITH "ELECTRIC" COVER AND STAINLESS STEEL PENTA HEAD BOLTS BY QUAZITE OR EQUAL. INSTALL ON 48"X48"X120" GRAVEL BASE.
- ⑫ FOUR 350 KCMIL THWN-2 CU AND ONE 3/0 AWG CU GND IN 4" C. AT MID POINT (+/-) OF RUN PROVIDE 24"X24"X24"D TIER 15 OPEN BOTTOM UNDERGROUND PULL BOX WITH "ELECTRIC" COVER AND STAINLESS STEEL PENTA HEAD BOLTS BY QUAZITE OR EQUAL. INSTALL ON 48"X48"X120" GRAVEL BASE.
- ⑬ FOUR 4/0 AWG THWN-2 CU AND ONE 2 AWG CU GND IN 3" C. AT MID POINT (+/-) OF RUN PROVIDE 24"X24"X24"D TIER 15 OPEN BOTTOM UNDERGROUND PULL BOX WITH "ELECTRIC" COVER AND STAINLESS STEEL PENTA HEAD BOLTS BY QUAZITE OR EQUAL. INSTALL ON 48"X48"X120" GRAVEL BASE.
- ⑭ 2 AWG COPPER. CONNECT TO BLDG STEEL, METAL WATER LINE IN CONTACT WITH EARTH RO AT LEAST 10 FEET, TO CONCRETE ENCASED ELECTRODE PER NEC 250.50 & TO THREE 3/4" X 30 FT SOLID COPPER GND RODS DRIVEN IN A TRIANGULAR PATTERN & SPACED 10FT ON CENTER.
- ⑮ 2 AWG COPPER. CONNECT TO THREE 3/4" X 30 FT SOLID COPPER GND RODS DRIVEN IN A TRIANGULAR PATTERN & SPACED 10FT ON CENTER.

**GENERAL NOTES - SINGLE LINE DIAGRAM**

- 1. DRY TYPE TRANSFORMERS SHALL HAVE SIX FULL CAPACITY 2-1/2% TAPS, 2(+)-4(-), SHALL BE U.L. LISTED FOR 150 DEGREE C TEMPERATURE RISE ABOVE AMBIENT. INTERIOR TRANSFORMERS SHALL BE MOUNTED ON A 4" HIGH HOUSEKEEPING PAD. PAD SHALL EXTEND 4" BEYOND TRANSFORMER ON ALL SIDES. PAD SHALL HAVE 3/4" CHAMFERED EDGE.
- 2. STUB OUT TWO 3" CONDUITS FROM EACH PANELBOARD LOCATION UNDERGROUND TO FIVE FEET BEYOND BUILDING OR PAD, CAP BOTH ENDS AND MARK LOCATION WITH 4" DIA X 18" CONCRETE POST WITH TOP FLUSH WITH GRADE.
- 3. SPLICES IN UNDERGROUND PULL BOXES SHALL BE WATER PROOF

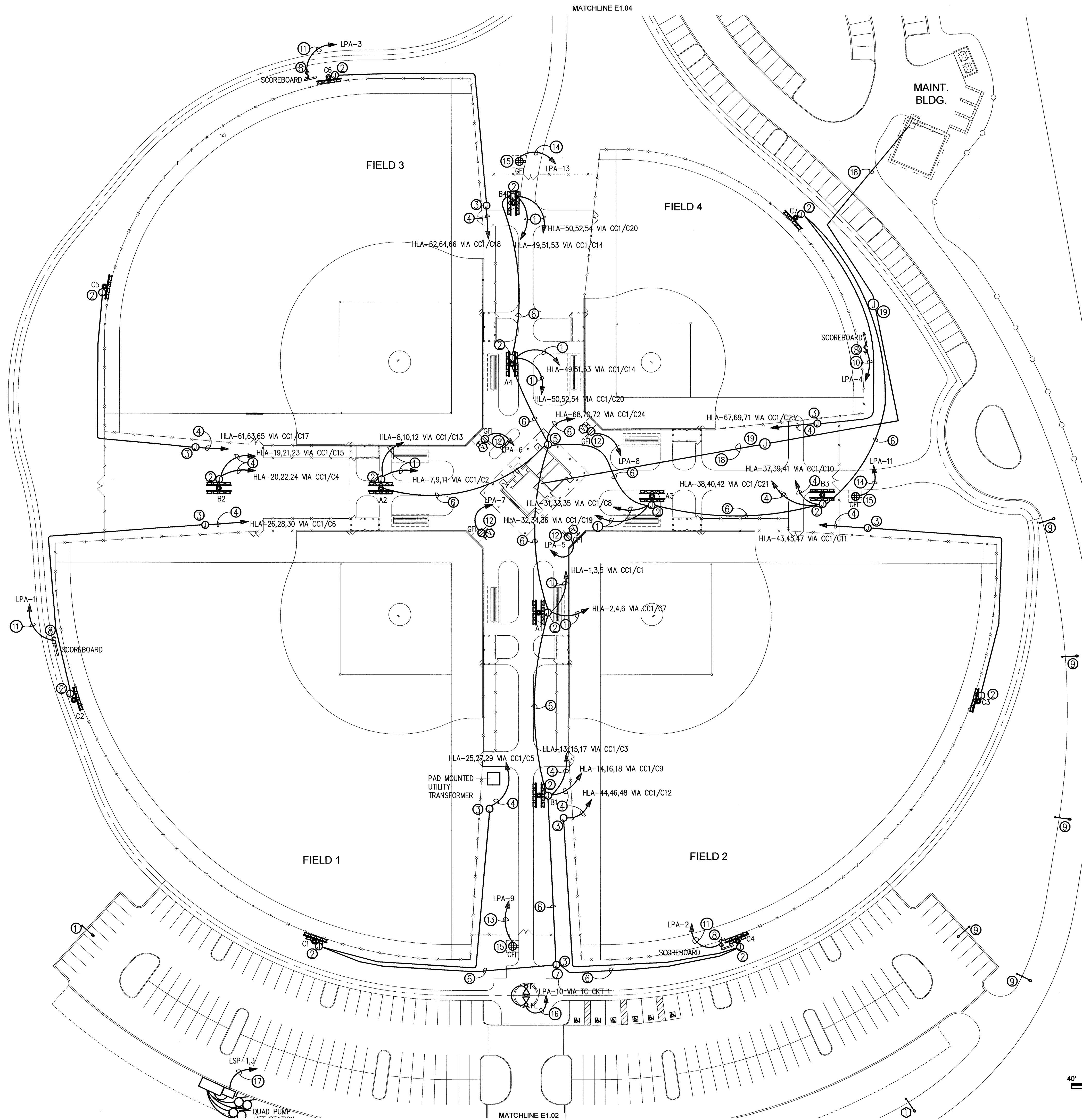
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APPROVED AS NOTED

Bay County, FL  
Planning Division

MATCHLINE E1.01



**PLAN NOTES (THIS SHEET)**

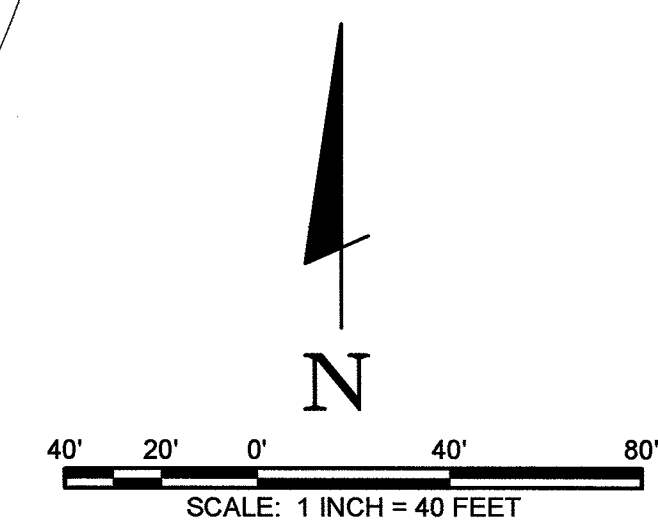
- ① THREE 10 AWG THWN CU AND ONE 10 AWG CU GND IN 3/4" C.
- ② PROVIDE 12"x12"x18" TIER 15 OPEN BOTTOM UNDERGROUND PULL BOX WITH "ELECTRIC" COVER AND STAINLESS STEEL PENTA HEAD BOLTS BY QUAZITE OR EQUAL. INSTALL ON 24"x24"x12" GRAVEL BASE. RISE UP POLE TO CABINET ON POLE WITH SCH 80 PVC CONDUIT FOR EACH CIRCUIT.
- ③ PROVIDE 12"x12"x18" TIER 15 OPEN BOTTOM UNDERGROUND PULL BOX WITH "ELECTRIC" COVER AND STAINLESS STEEL PENTA HEAD BOLTS BY QUAZITE OR EQUAL. INSTALL ON 24"x24"x12" GRAVEL BASE.
- ④ THREE 8 AWG THWN CU AND ONE 8 AWG CU GND IN 1" C.
- ⑤ 12"x12"x4" JUNCTION BOX IN ELECTRICAL ROOM
- ⑥ THREE 10 AWG THWN CU AND ONE 10 AWG CU GND IN 3/4" C. FOR SECURITY LIGHTING.
- ⑦ PROVIDE WATERPROOF SPLICES IN UNDERGROUND JUNCTION BOX
- ⑧ PROVIDE SWITCH IN NEMA 4X ENCLOSURE FOR SIGN DISCONNECT.
- ⑨ ROADWAY RENTAL POLE AND LIGHT BY GCEC. COORDINATE FINAL POLE PLACEMENT WITH GCEC.
- ⑩ TWO 10 AWG THWN CU AND ONE 10 AWG CU GND IN 3/4" C.
- ⑪ TWO 8 AWG THWN CU AND ONE 8 AWG CU GND IN 1" C. FOR RUNS OVER 300 FEET PROVIDE 12"x12"x18" TIER 15 OPEN BOTTOM UNDERGROUND PULL BOX WITH "ELECTRIC" COVER AND STAINLESS STEEL PENTA HEAD BOLTS BY QUAZITE OR EQUAL. INSTALL ON 24"x24"x12" GRAVEL BASE. INSTALL IN GRASSED AREA.
- ⑫ MOUNT RECEPTACLE IN 24" STAINLESS STEEL PEDESTAL WITH LOCKABLE COVER EQUAL TO PEDOC 5P24-SS-C-HT-1. MOUNT ON 24" DIAMETER X 24" CONCRETE BASE. COORDINATE WITH INSTALLATION INSTRUCTIONS. RUN 1-1/4" SCH 40 PVC CONDUIT FROM LOW VOLTAGE SECTION TO ELECTRICAL ROOM IN CONCESSIONS BUILDING FOR FUTURE VIDEO RECORDING. STUB UP CONDUIT 12" ON BOTH ENDS AND CAP.
- ⑬ TWO 2 AWG THWN-C CU AND ONE 2 AWG CU GND IN 1-1/2" SCH 40 PVC CONDUIT.
- ⑭ TWO 4 AWG THWN-C CU AND ONE 4 AWG CU GND IN 1-1/4" SCH 40 PVC CONDUIT.
- ⑮ MOUNT RECEPTACLES IN 24" STAINLESS STEEL PEDESTAL WITH LOCKABLE COVER EQUAL TO PEDOC 5P24-SS-C-HT-1. MOUNT ON 24" DIAMETER X 24" CONCRETE BASE. COORDINATE WITH INSTALLATION INSTRUCTIONS. PROVIDE WEATHERPROOF SPLICES AND CONNECT RECEPTACLES WITH 12 AWG COPPER CONDUCTORS.
- ⑯ TWO 10 AWG THWN CU AND ONE 10 AWG CU GND IN 3/4" C. PROVIDE FOUR CIRCUIT DIGITAL PROGRAMMABLE ASTRONOMIC TIME CLOCK MOUNTED ADJACENT TO PANEL LPA.
- ⑰ TWO 2/0 AWG THWN-2 CU AND ONE 2/0 AWG CU GND IN 2" C. PROVIDE 60A/2P NEMA 4X DISCONNECT MOUNTED ON EQUIPMENT RACK ADJACENT TO CONTROLLER. CONNECT TO CONTROLLER FURNISHED WITH PUMP STATION AND CONNECT PUMPS PER MANUFACTURER'S INSTRUCTIONS. AT MID POINT OF CONDUIT RUN PROVIDE 24"x24"x24" TIER 15 OPEN BOTTOM UNDERGROUND PULL BOX WITH "ELECTRIC" COVER AND STAINLESS STEEL PENTA HEAD BOLTS BY QUAZITE OR EQUAL. INSTALL ON 48"x48"x12" GRAVEL BASE.
- ⑱ 3" SCH 80 PVC CONDUIT WITH 14 AWG PULLWIRE 24" BELOW GRADE IN 12"x 12" CONCRETE ENCASEMENT.
- ⑳ PROVIDE ABOVE GROUND PULL BOX WITH LOCKABLE COVER- 18" X 18" WITH 18" ABOVE GRADE. STUB UP CONDUITS 8" ABOVE GRADE SPACED 8" APART. UNDERGROUND PORTION OF PULLBOX TO BE MOUNTED ON 36"x36"x12" DEEP GRAVEL BASE AND FILL INTERIOR OF BOX TO GRADE WITH GRAVEL.

**GENERAL NOTES**

1. ALL ELECTRICAL CONDUIT AND WIRING TO BE ROUTING AROUND PLAYING FIELDS OUTSIDE OF FIELD FENCING. COORDINATE ROUTING WITH SITE UTILITIES AND LANDSCAPING.
2. SPORTS LIGHTING POLES, LUMINAIRES, CROSSARMS, BRACKETS, AND LIGHTING CONTROLS TO BE FURNISHED BY BAY COUNTY. CONTRACTOR TO COORDINATE DELIVERY AND INSTALL ALL EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS. SEE SUPPLEMENTARY DRAWINGS PROVIDED FOR INFORMATION.
3. SPORTS LIGHTING INCLUDES PARKING LOT LIGHTING AND SECURITY LIGHTING.
4. SPLICES IN UNDERGROUND PULL BOXES SHALL BE WATER PROOF
5. MINIMUM CONDUIT AND WIRING FOR EXTERIOR UNDERGROUND CIRCUITS SHALL BE 3/4" SCH 40 PVC AND 10 AWG THWN COPPER.
6. PROVIDE EXPANSION COUPLING IN ALL ABOVE GRADE PVC CONDUIT STRAIGHT RUNS OVER 10 FEET IN LENGTH.
7. IT IS RECOMMENDED THAT UNDERGROUND PULLBOXES BE INSTALLED IN ALL CONDUIT RUNS OVER 350 FT WHETHER INDICATED OR NOT.

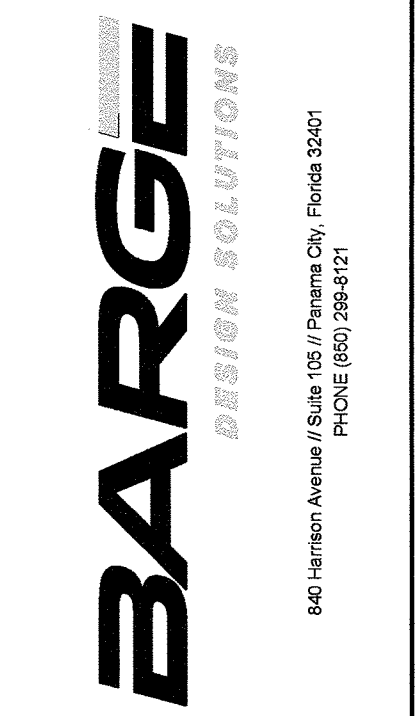
**ELECTRICAL FOR FIELDS 1, 2, 3, & 4**

SCALE: 1" = 40 FT



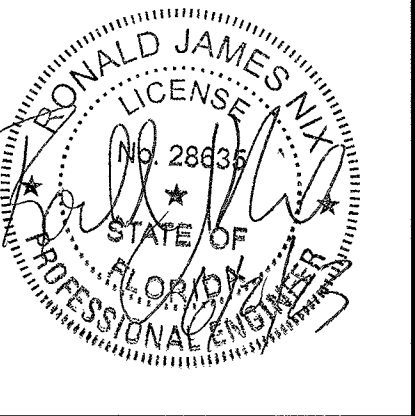
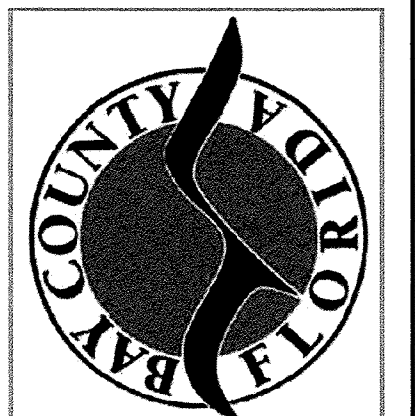
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Bay County, FL Planning Division



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105 TENNESSEE ST., SUITE B  
MURFREESBORO, TN 38506  
(561) 388-4691

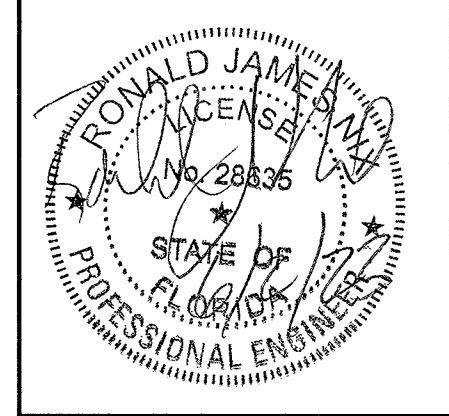
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GEORGIA CA#F2003527, PE#14888



**ELECTRICAL FOR FIELDS 1, 2, 3, & 4**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
SOUTHPORT, FL

REV.	DATE	DESCRIPTION
0	12/23/2021	ISSUE FOR PERMIT
1	07/16/2022	PERMIT DOCUMENTS
2	07/16/2022	DO SUBMITTAL
3	05/31/2023	

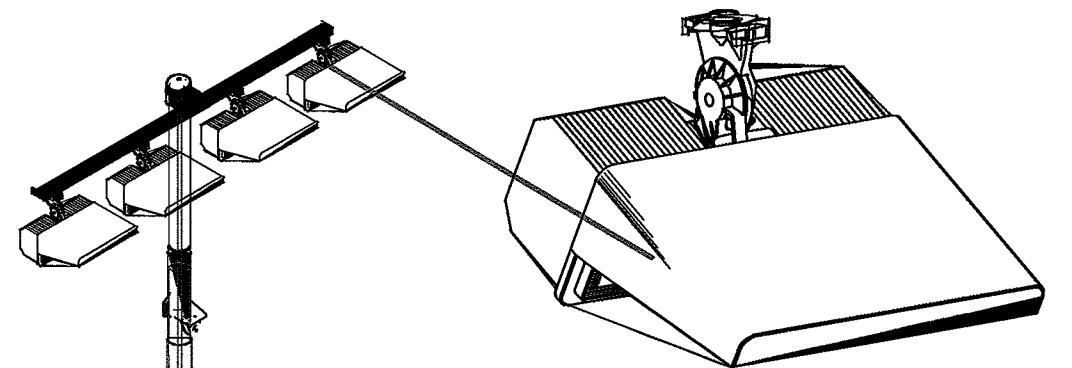
**E1.03**  
37237-01



ELECTRICAL FOR FIELDS 5 & 6  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
SOUTHPORT, FL

**TYPICAL SPORTS LIGHTING FIXTURE**

Datasheet: Light-Structure System™  
Luminaire and Driver – TLC-LED-1500



**Luminaire Data**

Weight (luminaire)	67 lb (30 kg)
UL listing number	E338094 (pending)
UL listed for USA / Canada	UL1598 CSA-C22.2 No.250.0 (pending)
CE Declaration	LVD, EMC, RoHS
Ingress protection, luminaire	IP65
Material and finish	Aluminum, powder-coat painted
Wind speed rating (aiming only)	150 mph (67 m/s)
UL, IEC ambient temperature rating, luminaire	50°C (122°F)

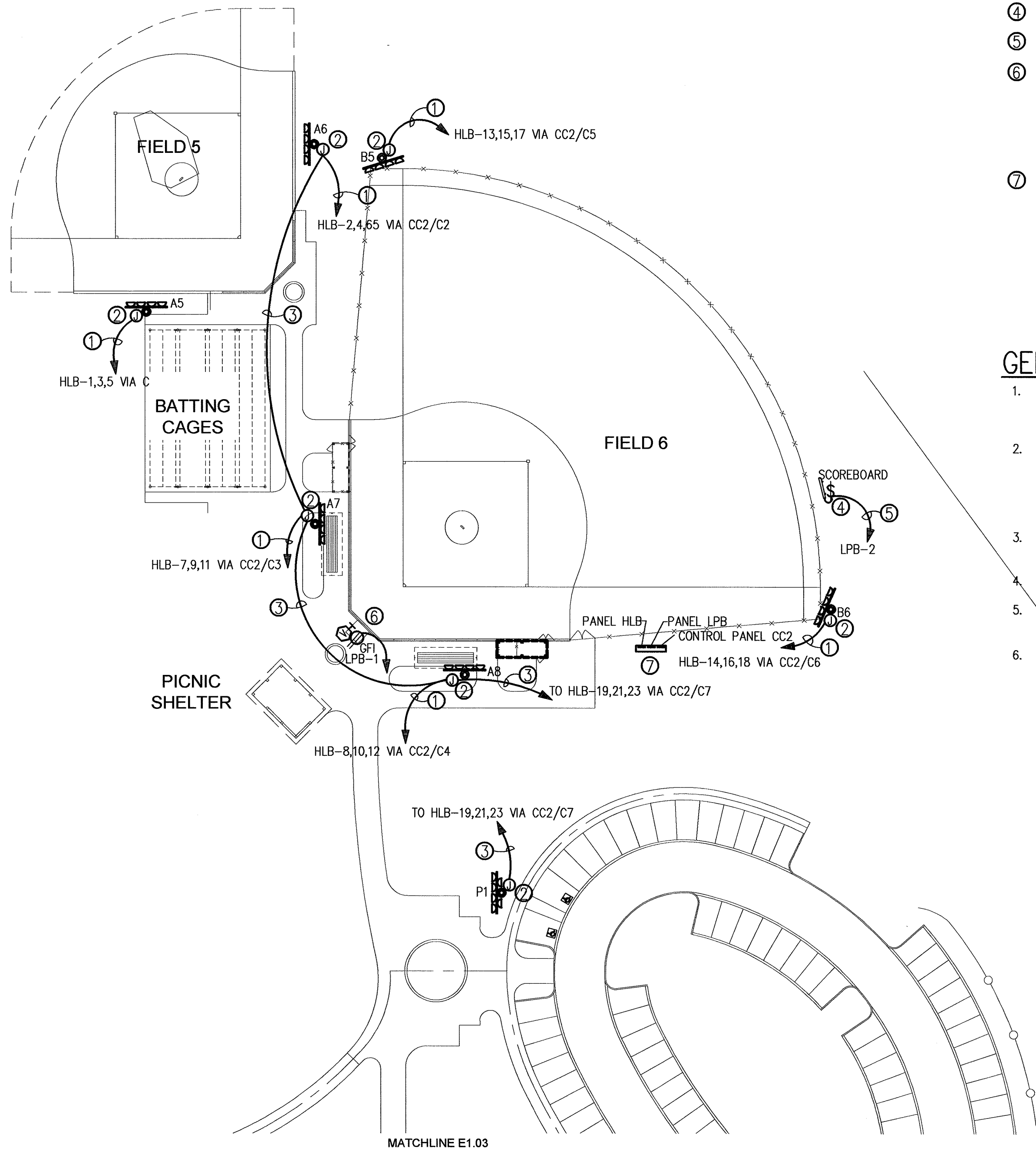
**Photometric Characteristics**

Projected lumen maintenance per IES TM-21-11	
L80 (13.5k)	>81,000 h
L80 (13.5k)	>81,000 h
L70 (13.5k)	>81,000 h
CIE correlated color temperature	5700 K
Color rendering index (CRI)	75 typ, 70 min
Lumens†	156,100

Footnotes:  
1) Incorporates appropriate dirt depreciation factor for life of luminaire.

All components from foundation to poletop are designed to work together in Light-Structure System™ to ensure reliable, trouble-free operation.  
MKT-4405  
1500 LED Cover Illustration  
RWS  
U.S. and foreign patents pending. © 2021 Meso Sports Lighting, LLC. TLC-LED-1500 03/04.75 CRI: 75 2021 04/04/21  
www.mesoco.com/lighting@mesoco.com

1M-00000  
The system will dramatically reduce carbon footprint, cutting energy consumption by up to 80 percent. And with the virtual elimination of glare and wasteful light spill into the surrounding area, neighbors will enjoy a welcomed curtain of darkness.



**ELECTRICAL FOR FIELDS 5 & 6**  
SCALE: 1" = 40 FT

**PLAN NOTES (THIS SHEET)**

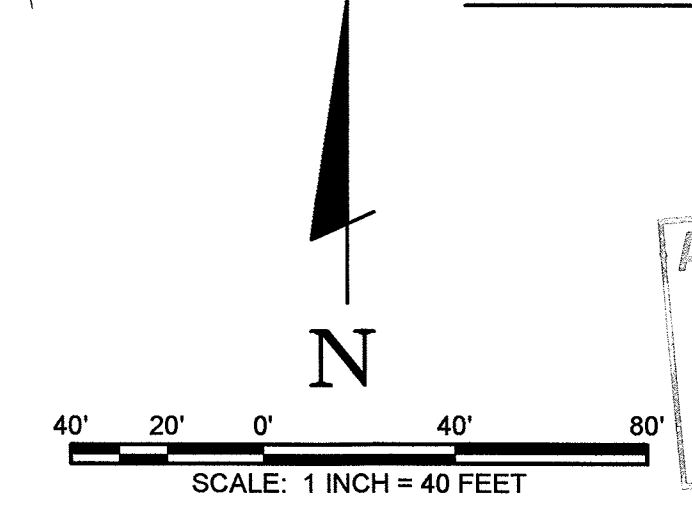
- THREE 10 AWG THWN CU AND ONE 10 AWG CU GND IN 3/4" C.
- PROVIDE 12"x12"x 18"D TIER 15 OPEN BOTTOM UNDERGROUND PULL BOX WITH "ELECTRIC" COVER AND STAINLESS STEEL PENTA HEAD BOLTS BY QUAZITE OR EQUAL. INSTALL ON 24"x24"x12"D GRAVEL BASE. RISE UP POLE TO CABINET ON POLE WITH SCH 80 PVC CONDUIT FOR EACH CIRCUIT.
- THREE 10 AWG THWN CU AND ONE 10 AWG CU GND IN 3/4" C. FOR SECURITY LIGHTING.
- PROVIDE SWITCH IN NEMA 4X ENCLOSURE FOR SIGN DISCONNECT.
- THREE 10 AWG THWN CU AND ONE 10 AWG CU GND IN 3/4" C.
- MOUNT RECEPTACLE IN 24" STAINLESS STEEL PEDESTAL WITH LOCKABLE COVER EQUAL TO PEDOC 5P24-SS-C-HT-1. MOUNT ON 24" DIAMETER X 24"D CONCRETE BASE. COORDINATE WITH INSTALLATION INSTRUCTIONS. RUN 1-1/4" SCH 40 PVC CONDUIT FROM LOW VOLTAGE SECTION TO ELECTRICAL ROOM IN CONCESSIONS BUILDING FOR FUTURE VIDEO RECORDING.. STUB UP CONDUIT 12" ON BOTH ENDS AND CAP.
- PROVIDED FREE STANDING NEMA 4X ENCLOSURE FOR ELECTRICAL PANELS AND LIGHTING CONTROL PANEL. APPROXIMATE DIMENSIONS ARE 90"H X 72"W X 12" DEEP. (CONTRACTOR TO VERIFY PRIOR TO ORDERING) WITH PROVISIONS FOR MOUNTING PANELS TO BACK WALL, TWO DOORS WITH THREE POINT LATCHING, AND DOOR HOLD-OPEN BRACKETS. PROVIDE 8" DEEP 3000 PSI REINFORCED CONCRETE MOUNTING PAD WITH 6" ABOVE GRADE AND EXTENDING 8" BEYOND ENCLOSURE ON ALL SIDES AND WITH 3/4" CHAMFER AROUND TOP EDGE. PROVIDE #3 REBAR 12" ON CENTER BOTH WAYS AT 4" DEPTH. FASTEN ENCLOSURE TO PAD WITH STAINLESS STEEL BOLTS.

**GENERAL NOTES**

- ALL ELECTRICAL CONDUIT AND WIRING TO BE ROUTING AROUND PLAYING FIELDS OUTSIDE OF FIELD FENCING. COORDINATE ROUTING WITH SITE UTILITIES AND LANDSCAPING.
- SPORTS LIGHTING POLES, LUMINAIRES, CROSSARMS, BRACKETS AND LIGHTING CONTROLS TO BE FURNISHED BY BAY COUNTY. CONTRACTOR TO COORDINATE DELIVERY AND INSTALL ALL EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS. SEE SUPPLEMENTARY DRAWINGS PROVIDED FOR INFORMATION.
- SPORTS LIGHTING INCLUDES PARKING LOT LIGHTING AND SECURITY LIGHTING.
- SPLICES IN UNDERGROUND PULL BOXES SHALL BE WATER PROOF
- MINIMUM CONDUIT AND WIRING FOR EXTERIOR UNDERGROUND CIRCUITS SHALL BE 3/4" SCH 40 PVC AND 10 AWG THWN COPPER.
- PROVIDE EXPANSION COUPLING IN ALL ABOVE GRADE PVC CONDUIT STRAIGHT RUNS OVER 10 FEET IN LENGTH.

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**PLAN NOTES (THIS S**



APPROVED AS NOTED  
Bay County, FL  
Planning Division

REV.	DR.	CHK.	DATE	DESCRIPTION
0	RUN	NIX	12/03/2021	BOOK REVIEW
1	RUN	NIX	07/18/2022	PERMIT DOCUMENTS
2	RUN	NIX	05/31/2023	DO SUBMITTAL

**E1.04**  
37237-01



PANEL 'HLA' 480/277V, 3PH, 4W, 400 AMP MCB, SURFACE MT PANELBOARD, 84 CKT, XXXXX MIN A.I.C.										
CKT	SERVING	LOAD VA	TRIP	POLE	PHASE A B C	TRIP	POLE	LOAD VA	SERVING	CKT
1	POLE A1, FIELD 1 CCI/C1	3030	20	3		20	3	3030	POLE A1, FIELD 2 CCI/C7	2
3		3030	-	-		-	-	3030		4
5		3030	-	-		-	-	3030		6
7	POLE A2, FIELD 1 CCI/C2	3030	20	3		20	3	2160	POLE A2, FIELD 3 CCI/C13	8
9		3030	-	-		-	-	2160		10
11		3030	-	-		-	-	2160		12
13	POLE B1, FIELD 1 CCI/C3	4390	30	3		30	3	4390	POLE B1, FIELD 2 CCI/C9	14
15		4390	-	-		-	-	4390		16
17		4390	-	-		-	-	4390		18
19	POLE B2, FIELD 1 CCI/C4	4390	30	3		20	3	3550	POLE B2, FIELD 3 CCI/C15	20
21		4390	-	-		-	-	3550		22
23		4390	-	-		-	-	3550		24
25	POLE C1, FIELD 1 CCI/C5	3030	20	3		20	3	3020	POLE C2, FIELD 1 CCI/C6	26
27		3030	-	-		-	-	3020		28
29		3030	-	-		-	-	3020		30
31	POLE A3, FIELD 2 CCI/C8	3030	20	3		20	3	1800	POLE A3, FIELD 4 CCI/C19	32
33		3030	-	-		-	-	1800		34
35		3030	-	-		-	-	1800		36
37	POLE B3, FIELD 2 CCI/C10	4390	30	3		20	3	2520	POLE B3, FIELD 4 CCI/C21	38
39		4390	-	-		-	-	2520		40
41		4390	-	-		-	-	2520		42
43	POLE C3, FIELD 2 CCI/C11	3030	20	3		20	3	3030	POLE C4, FIELD 2 CCI/C12	44
45		3030	-	-		-	-	3030		46
47		3030	-	-		-	-	3030		48
49	POLE A4, FIELD 3 CCI/C14	2520	20	3		20	3	1800	POLE A4, FIELD 4 CCI/C20	50
51		2520	-	-		-	-	1800		52
53		2520	-	-		-	-	1800		54
55	POLE B4, FIELD 3 CCI/C16	3550	20	3		20	3	2520	POLE B4, FIELD 4 CCI/C22	56
57		3550	-	-		-	-	2520		58
59		3550	-	-		-	-	2520		60
61	POLE C5, FIELD 3 CCI/C17	3030	20	3		20	3	3030	POLE C6, FIELD 3 CCI/C18	62
63		3030	-	-		-	-	3030		64
65		3030	-	-		-	-	3030		66
67	POLE C7, FIELD 4 CCI/C23	1800	20	3		20	3	3830	SECURITY LTG CCI/C24	68
69		1800	-	-		-	-	3830		70
71		1800	-	-		-	-	3830		72
73	X	X	20	1		20	1	X	X	74
75	X	X	20	1		20	1	X	X	76
77	X	X	20	1		20	1	X	X	78
79	SPD		30	3		20	1	X	X	80
81			-	-		20	1	X	X	82
83			-	-		20	1	X	X	84

CONNECTED LOADS: PHASE A = 73,910 VA  
 PHASE B = 73,910 VA  
 PHASE C = 73,910 VA  
 TOTAL = 221,730 VA = 267 AMPS

PANEL 'LPA' 120/208V, 3PH, 4W, 400 AMP MCB, SURFACE MT PANELBOARD, 84 CKT, XXXXX MIN A.I.C.										
CKT	SERVING	LOAD VA	TRIP	POLE	PHASE A B C	TRIP	POLE	LOAD VA	SERVING	CKT
1	FIELD 1 SCOREBOARD	250	20	1		20	1	250	FIELD 2 SCOREBOARD	2
3	FIELD 3 SCOREBOARD	250	20	1		20	1	250	FIELD 4 SCOREBOARD	4
5	FIELD 2 SCORERS TABLE PEDESTAL	400	20	1		20	1	400	FIELD 3 SCORERS TABLE PEDESTAL	6
7	FIELD 1 SCORERS TABLE PEDESTAL	400	20	1		20	1	400	FIELD 4 SCORERS TABLE PEDESTAL	8
9	S. ENTRY PEDESTAL	400	20	1		20	1	150	FLAG LIGHTS	10
11	E. ENTRY PEDESTAL	400	20	1		20	GFI	470	RECEPTS @ GAS EQUIP & FAN E20	12
13	N. ENTRY PEDESTAL	400	20	1		20	GFI	800	DRINK COOLER E7	14
15	REACH-IN REFRIG E3	780	20	GFI	1	20	GFI	400	SANDWICH/SALAD PREP REFRIG E21	16
17	REACH-IN FRZR E4	1440	20	GFI	1	20	1		SPARE	18
19	ICE MAKER E5	1430	20	GFI	1	20	GFI	1200	RECEPTS NE AND FLY FAN E20	20
21	HAND DRYER	1500	↑	20	1	20	1	1500	SMALL APPLIANCE CKT	22
23	HAND DRYER	1500	↑	20	1	20	1	1500	SMALL APPLIANCE CKT	24
25	HAND DRYER	1500	↑	20	1	20	1	1500	SMALL APPLIANCE CKT	26
27	HAND DRYER	1500	↑	20	1	20	1	1500	SMALL APPLIANCE CKT	28
29	HAND DRYER	1500	↑	20	1	20	GFI	720	RECEPTS SE	30
31	HAND DRYER	1500	↑	20	1	20	GFI	720	RECEPTS KIT & RRMS	32
33	LIGHTNING PROTECTION SYSTEM	400	20	1		20	GFI	720	RECEPTS NE	34
35	RRM PLUMBING VALVES	400	20	1		20	GFI	1000	EWC	36
37	DUGOUTS FIELDS 1 & 2	1200	20	1		20	GFI	720	RECEPTS SE	38
39	DUGOUTS FIELDS 3 & 4	1200	20	1		20	1	990	INTERIOR LTS	40
41	HOOD LTS & CONTROLS	1200	20	1		20	1	660	EXTERIOR LTS	42
43	HOOD EF	300	20	3		15	1	400	EF-2	44
45		300	-	-		40	2	↑ 3000	GRIDLE	46
47		300	-	-		SHUNT	TRIP	2 3000		48
49	HOOD SUPPLY	2200	35	3		20	GFI	1770	HEATED DISPLAY CASE E19	50
51		2200	-	-		20	1	400	TBB-A	52
53		2200	-	-		20	1	X	X	54
55	FRYER 1	4670	↑	50	3	100	3	650	PANEL LPB	56
57		4670	2	SHUNT	TRIP	-	-	1800		58
59		4670	-	-		-	-	1800		60
61	FRYER 2	4670	↑	50	3	100	3	2760	PANEL LPM	62
63		4670	2	SHUNT	TRIP	-	-	2760		64
65		4670	-	-		-	-	1760		66
67	X	X	20	1		20	1	X	X	68
69	X	X	20	1		20	1	X	X	70
71	X	X	20	1		20	1	X	X	72
73	X	X	20	1		20	1	X	X	74
75	X	X	20	1		20	1	X	X	76
77	X	X	20	1		20	1	X	X	78
79	SPD		30	1		20	1	X	X	80
81			-	-		20	1	X	X	82
83			-	-		20	1	X	X	84

CONNECTED LOADS: PHASE A = 29,490 VA  
 PHASE B = 30,940 VA  
 PHASE C = 29,990 VA  
 TOTAL = 90,420 VA = 251.2 AMPS

1 PROVIDE CIRCUIT BREAKER LOCK-OFF DEVICE  
 2 CONNECT TO HOOD CONTROL PANEL TO TRIP WHEN HOOD SUPPRESSION SYSTEM IS ACTIVATED

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 Planning Division

**BARGE**  
DESIGN SOLUTIONS  
840 Harrison Avenue, Raleigh, NC 27601, Phone: 3607  
Phone: (919) 298-0101

NIX ENGINEERING INC.  
105 TENNESSEE ST., SUITE B  
MURPHY, NC 28906  
(862) 338-4691

FLORIDA CA#8798, PE#28655  
GEORGIA CA#PE003627, PE#14888

BAY COUNTY, FLORIDA

RONALD JAMES  
LICENSE  
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STATE OF FLORIDA  
PROFESSIONAL ENGINEER

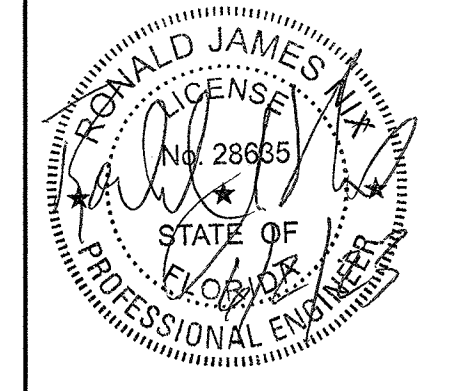
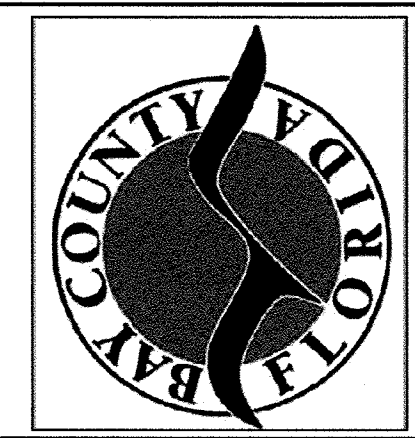
CONCESSIONS BUILDING LIGHTING PLAN  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
SOUTHPORT, FL

DATE	12/23/2021
DESIGNER	NIX
CHECKER	NIX
PERMIT REVIEW	NIX
100% REVIEW	NIX
PERMIT DOCUMENTS	NIX
DO SUBMITTAL	NIX

**E1.05**  
37237-01

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CONCESSIONS BUILDING LIGHTING PLAN  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
SOUTHPORT, FL

REV.	DATE	DESCRIPTION
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1	07/12/2022	PERMITS DOCUMENTS
3	05/31/2023	DO SUBMITTAL

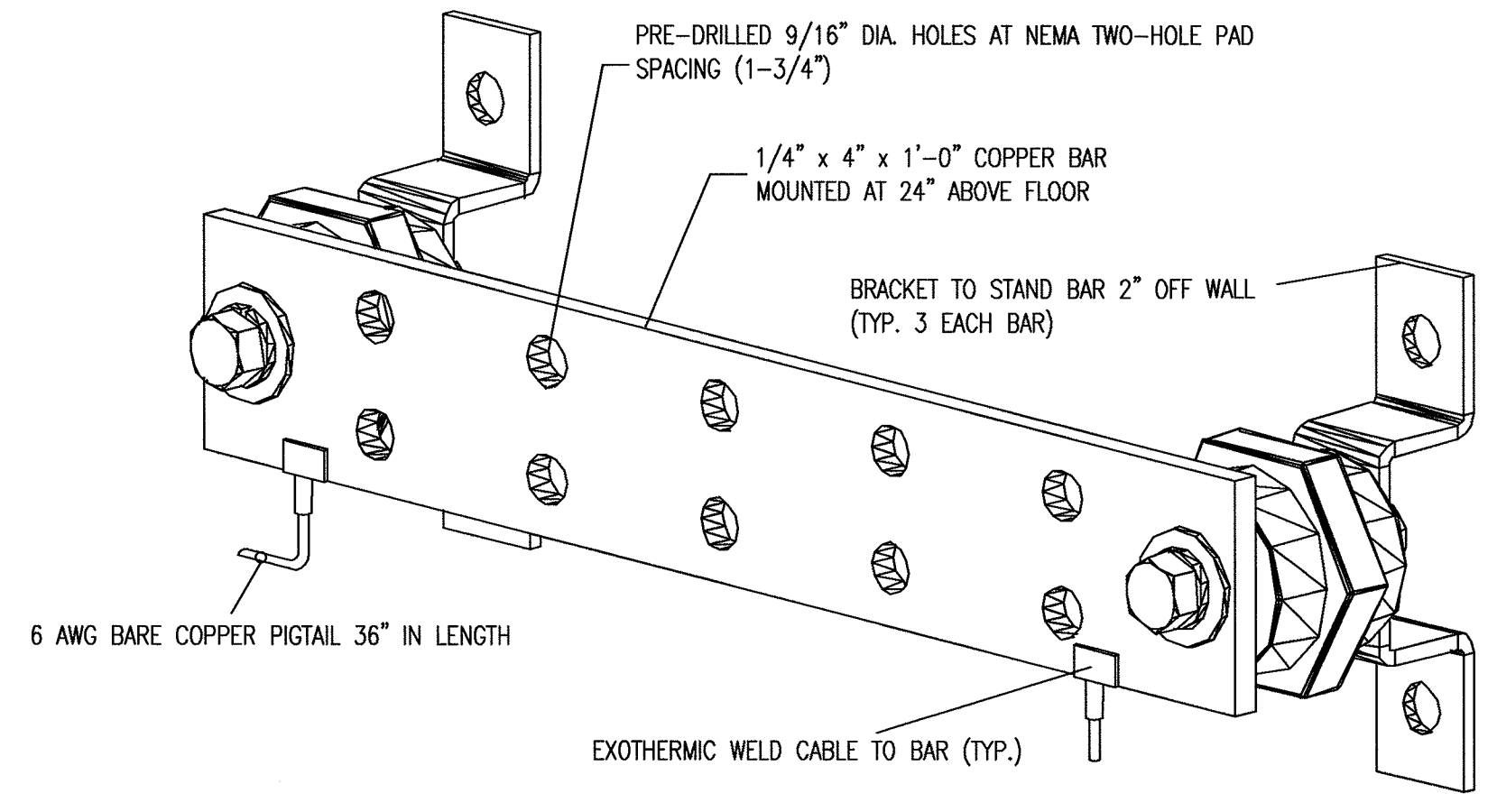
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Bay County, FL  
Planning Division

**E1.06**  
37237-01

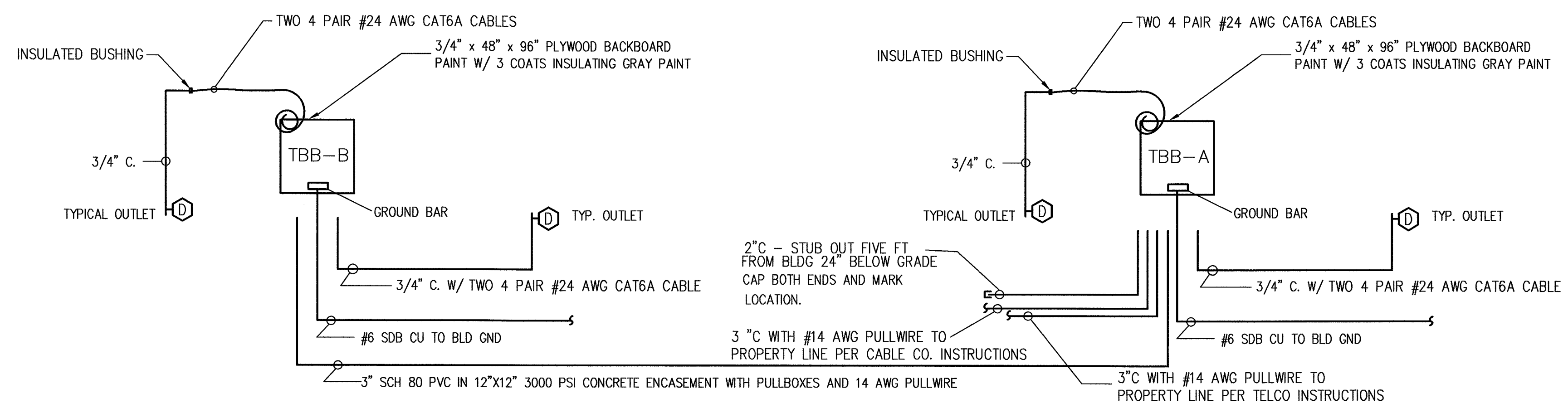
**ELECTRICAL LEGEND**

- ⌘ A.C. TOGGLE SWITCH, SINGLE POLE, 120-277VAC, 20A. SPECIFICATION GRADE, 48" AFF
- ⌘ MOTOR RATED TOGGLE SWITCH. MOUNT ADJACENT TO MOTOR.
- ⌘ KEY OPERATED A.C. TOGGLE SWITCH, AS ABOVE
- ⌘ LOW VOLTAGE SWITCH. SEE PLANS. 48" AFF.
- ⌘ DUPLEX RECEPTACLE - 3 WIRE GROUNDING TYPE, 125V., 15A. OR 20A. AS REQUIRED, SPECIFICATION GRADE, 18" AFF
- ⌘ DUPLEX RECEPTACLE AS ABOVE, MOUNT HORIZONTALLY 4" ABOVE COUNTER BACKSPASH TO CENTER LINE
- ⌘ DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER
- ⌘ SINGLE RECEPTACLE, 3W GROUNDING TYPE, 125V., 20A. SPECIFICATION GRADE, COORDINATE MOUNTING HEIGHT WITH EQUIPMENT
- ⌘ QUAD RECEPTACLE- TWO DUPLEX RECEPTACLES UNDER ONE COVER
- ⌘ SPECIAL RECEPTACLE OR EQUIPMENT CONNECTION, COORDINATE WITH EQUIPMENT SUPPLIED
- ⌘ TELEPHONE OUTLET, 4" SQ BOX WITH PLASTER RING, DUPLEX RJ-11 JACK, & COVER, 18" AFF OR AS NOTED, PREWIRE TO TBB.
- BRANCH CIRCUIT CONCEALED ABOVE CEILING OR IN WALLS, NUMBER OF CROSS LINES INDICATES NUMBER OF #12 CONDUCTORS WHEN MORE THAN TWO. ARROW INDICATES HOMERUN TO PANEL AND CIRCUIT INDICATED.
- BRANCH CIRCUIT CONCEALED IN SLAB OR BELOW SLAB ON GRADE.
- ⌘ DISCONNECT SWITCH, SIZE AND ENCLOSURE TYPE SHOWN.
- ⌘ DATA/COM SYSTEMS OUTLET. PROVIDE DUPLEX CAT 6 JACK & TWO FOUR PAIR #24 AWG UTP CAT 6 CABLES IN 3/4" CONDUIT TO TBB. MT 18" AFF. TERMINATE, TEST, & CERTIFY CABLES.
- POWER PANEL
- ⌘ TIME CLOCK, SEE PLANS
- TELEPHONE BACKBOARD, SEE RISER DIAGRAM
- ⌘ JUNCTION BOX SIZED PER NEC WITH FLEXIBLE EQUIPMENT CONNECTION
- ⌘ MOTOR, HORSEPOWER INDICATED BY NUMBER INSIDE OR AS SCHEDULED.
- ⌘ GROUND AS REQUIRED BY NEC & LOCAL CODES & AS INDICATED AS A MINIMUM
- ⌘ LED LIGHT FIXTURE. CAPITAL LETTER INDICATES FIXTURE TYPE (SEE FIXTURE SCHEDULE).
- ⌘ CEILING MOUNTED LIGHT FIXTURE
- ⌘ WALL MOUNTED LIGHT FIXTURE
- TBB - TELEPHONE BACKBOARD
- WP - WEATHERPROOF
- AFF - ABOVE FINISHED FLOOR
- AFG - ABOVE FINISHED GRADE
- NEC - NATIONAL ELECTRICAL CODE
- SPD - SURGE PROTECTIVE DEVICE

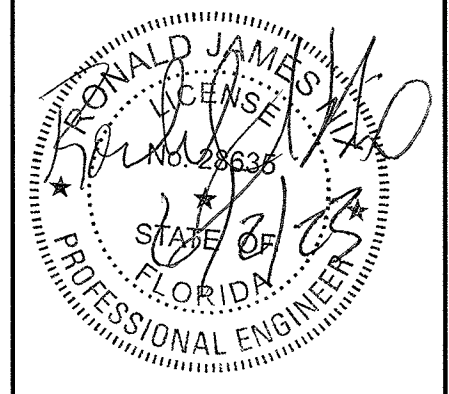
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**TYPICAL GROUND BAR DETAIL**



**DATA/COMM/TV RISER**  
NO SCALE



CONCESSIONS BUILDING LIGHTING PLAN  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
SOUTHPORT, FL

REV	DR	CHK	DATE	DESCRIPTION
1	RUN	NIX	05/20/2022	100% REVIEW
2	RUN	NIX	07/18/2022	PERMIT DOCUMENTS
3	RUN	NIX	05/31/2023	DO SUBMITTAL

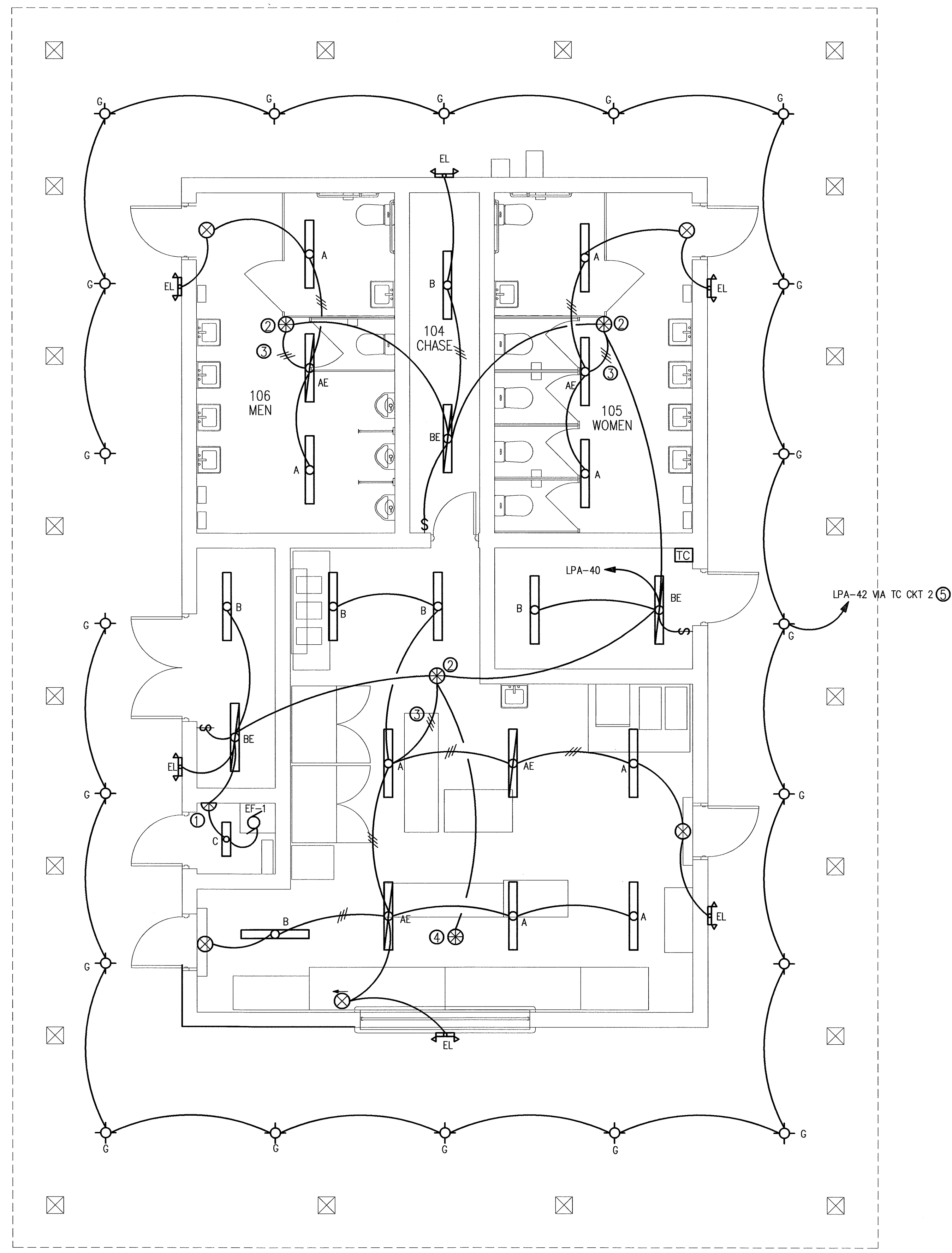
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Planning Division

**E2.01**  
37237-01

**PLAN NOTES (THIS SHEET)**

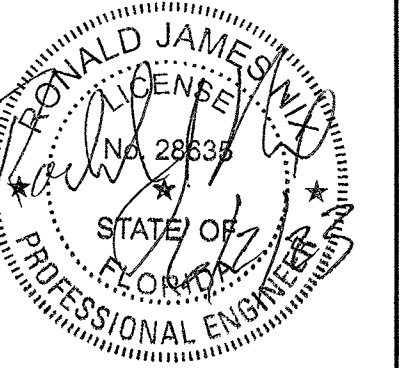
- ① OCCUPANCY SENSOR EQUAL TO STEINEL DT-WLS-1-W-U22, WALL MOUNT DUAL TECHNOLOGY.
- ② OCCUPANCY SENSOR EQUAL TO STEINEL DT-QUATTROCOM-24-U22 WITH TR200 POWER PACK. WIRE TO TURN ON AND OFF AUTOMATICALLY.
- ③ BYPASS LIGHTING CONTROLS WITH UNSWITCHED LEG FOR EMERGENCY LIGHTING
- ④ OCCUPANCY SENSOR SLAVE EQUAL TO STEINEL DT-QUATTROCOM-24-U22
- ⑤ SEE SHEET E1.03 NOTE 16.

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*Rjn*



**CONCESSIONS BUILDING LIGHTING PLAN**  
SCALE: 1/4" = 1'-0"

NIX ENGINEERING INC  
105 TENNESSEE ST, SUITE B  
MURPHY, NC 28906  
(866) 338-4691  
FLORIDA CA#8798, PE#28835  
GEORGIA CA#PE000827, PE#14888



CONCESSIONS BUILDING POWER PLAN  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
SOUTHPORT, FL

REV	DR	CHK	DATE	DESCRIPTION
0	DR	NIX	12/05/2021	80% REVIEW
1	REV	NIX	05/20/2022	100% REVIEW
2	REV	NIX	05/27/2022	DOCUMENTS
3	REV	NIX	05/27/2022	05 SUBMITTAL

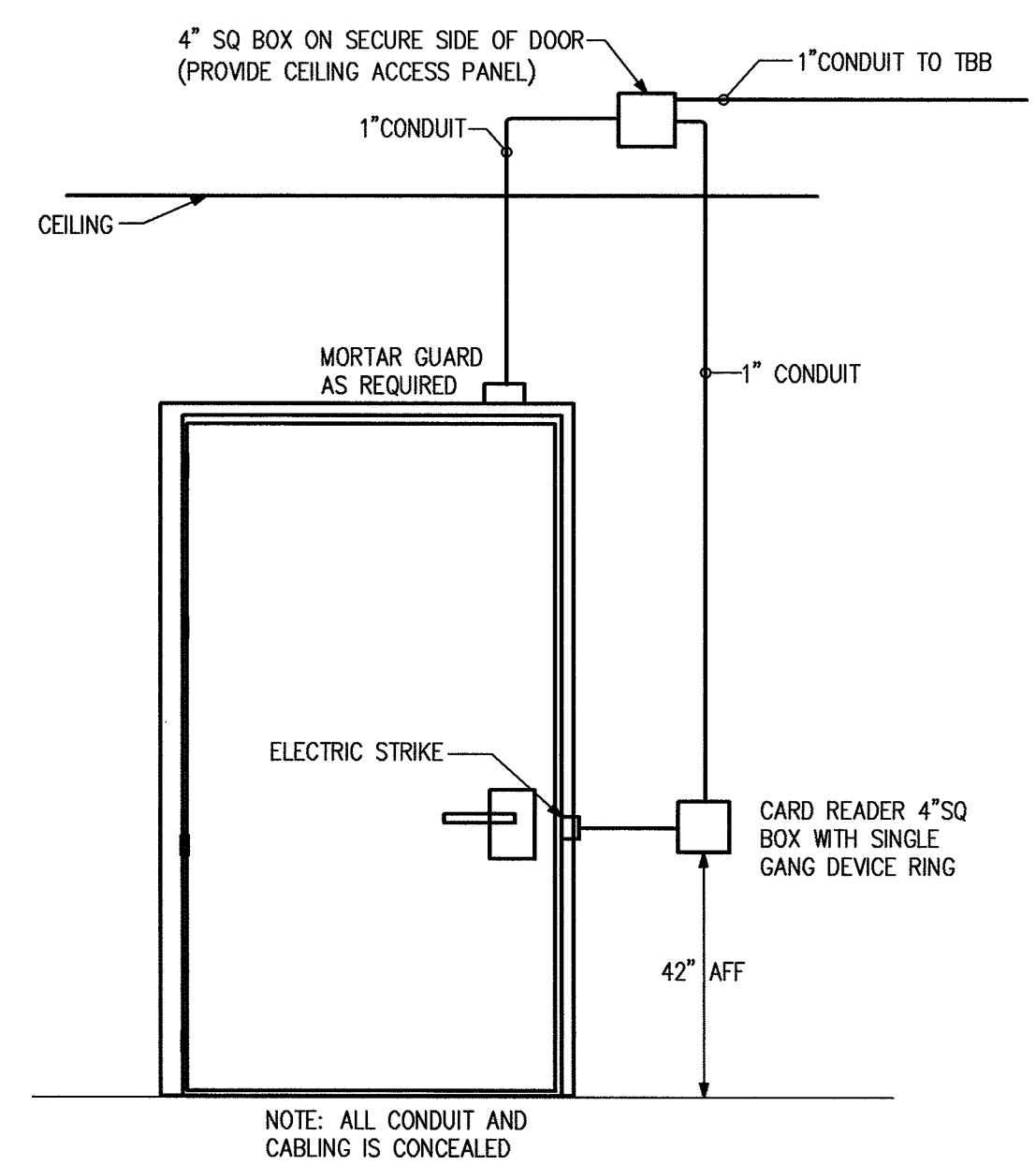
**E2.02**  
37237-01

**PLAN NOTES (THIS SHEET)**

1. PROVIDE CORD, CORD CAP, CORD CONNECTOR AND MATCHING RECEPTACLE FOR ICE MAKER.
2. PROVIDE 3/4" RGS COUPLING FLUSH WITH FLOOR. INSTALL HORIZONTAL FS BOX WITH 3/4" X CLOSE NIPPLE TO COUPLING. PROVIDE MARINE GRADE WEATHER PROOF WHILE IN USE COVER.
3. HAND DRYER - MOUNT 45" AFF TO BOTTOM OF DRYER IN MEN'S ROOM AND 43" AFF TO BOTTOM OF DRYER IN WOMEN'S ROOM. PROVIDE CIRCUIT BREAKER LOCK-OFF DEVICE FOR DISCONNECT. COORDINATE CIRCUIT REQUIREMENTS PRIOR TO ROUGH-IN.
4. PROVIDE POWER TO ELECTRONIC VALVES TRANSFORMER FURNISHED WITH VALVE. INSTALL VALVE TRANSFORMER IN 6"x6"x4" JUNCTION BOX AND CONNECT LOW VOLTAGE TO VALVE. COORDINATE JUNCTION BOX LOCATION AND ACCESS WITH PLUMBING.
5. FOR LIGHTNING PROTECTION SYSTEM. BASIS OF DESIGN: CONTRACTOR TO COORDINATE INSTALLATION WITH JULIAN SMITH: 571-241-3636; JSMITH@EARTHNETWORKS.COM. CONTRACTOR TO PAY THE FIRST YEAR INSTALLATION AND MAINTENANCE FEE OF \$2,000 AND COORDINATE THE CONTRACT BETWEEN BAY COUNTY AND EARTH NETWORKS. EQUAL LIGHTNING PROTECTION SYSTEMS BY OTHER MANUFACTURERS WILL BE ALLOWED.
6. FOUR 10 AWG THWN CU AND ONE 10 AWG CU GND IN 3/4" C. PROVIDE 60A/3P NEMA 4X DISCONNECT AND CONNECT SUPPLY FAN SYSTEM. CONTROLS BY OTHERS.
7. TO TBB FOR ACCESS CONTROLS. COORDINATE WITH ACCESS CONTROLS CONTRACTOR. LOCATE JUNCTION BOXES FOR ACCESS CONTROL COMPONENTS. SEE DETAIL THIS SHEET.
8. TO TBB FOR CCTV. COORDINATE WITH CCTV SYSTEM CONTRACTOR. LOCATE JUNCTION BOXES FOR CAMERAS.
9. PROVIDE 30A/3P, 600V, NEMA 4X DISCONNECT AND CONNECT UNIT.
10. MOUNT DISCONNECT TO 6"x6"x72" PRESSURE TREATED POST WITH 36" BELOW GRADE.
11. THREE 10 AWG THWN CU AND ONE 10 AWG CU GND IN 3/4" C. PROVIDE 30A/3P, 600V, NEMA 4X DISCONNECT AND CONNECT UNIT.
12. THREE 10 AWG THWN CU AND ONE 10 AWG CU GND IN 3/4" C. PROVIDE 30A/3P, 600V DISCONNECT AND CONNECT UNIT.
13. PROVIDE 30A/3P, 600V DISCONNECT AND CONNECT UNIT.
14. MOTORIZED DAMPER. PROVIDE TOGGLE SWITCH ADJACENT TO MOTOR FOR DISCONNECT.
15. THREE 6 AWG THWN CU AND ONE 10 AWG CU GND IN 1" C. PROVIDE FLUSH MOUNT BOX WITH WEATHERPROOF STAINLESS STEEL COVER. MAKE CONNECTION TO FRYER WITH LFMC.
16. TWO 8 AWG THWN CU AND ONE 10 AWG CU GND IN 3/4" C. PROVIDE FLUSH MOUNT BOX WITH WEATHERPROOF STAINLESS STEEL COVER. MAKE CONNECTION TO GRIDDLE WITH LFMC.
17. PROVIDE WALL MOUNTED DATA EQUIPMENT RACK WITH CABLE MANAGEMENT AND 48 PORT CAT 6 PATCH PANEL.
18. THREE 6 AWG THWN CU AND ONE 10 AWG CU GND IN 1" C. PROVIDE 60A/3P, 600V DISCONNECT AND CONNECT INSTANTANEOUS WATER HEATER.

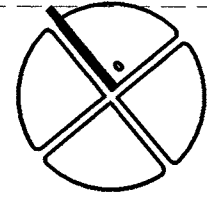
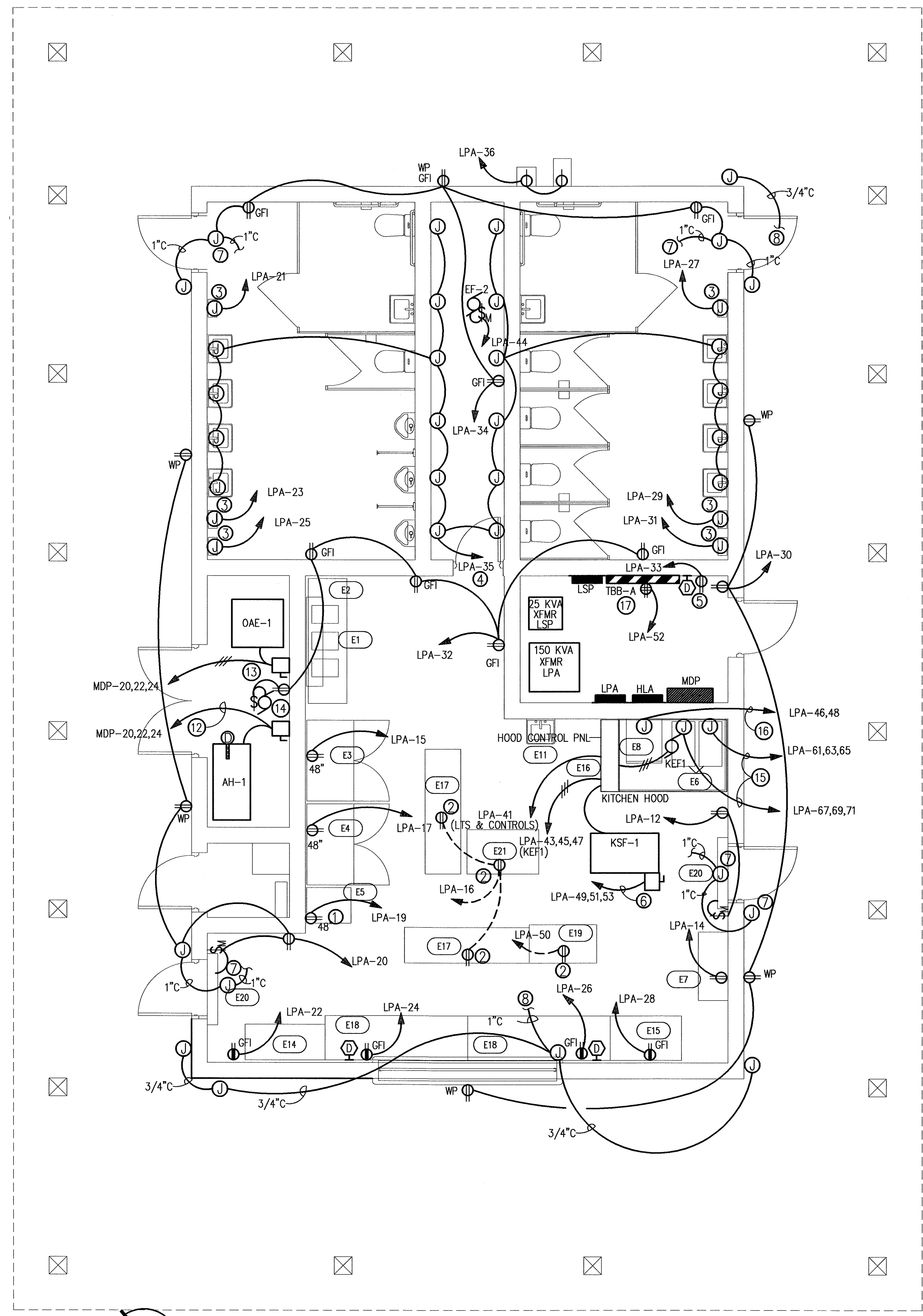
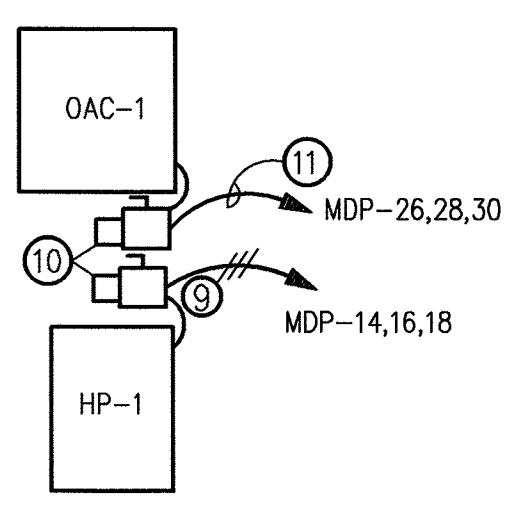
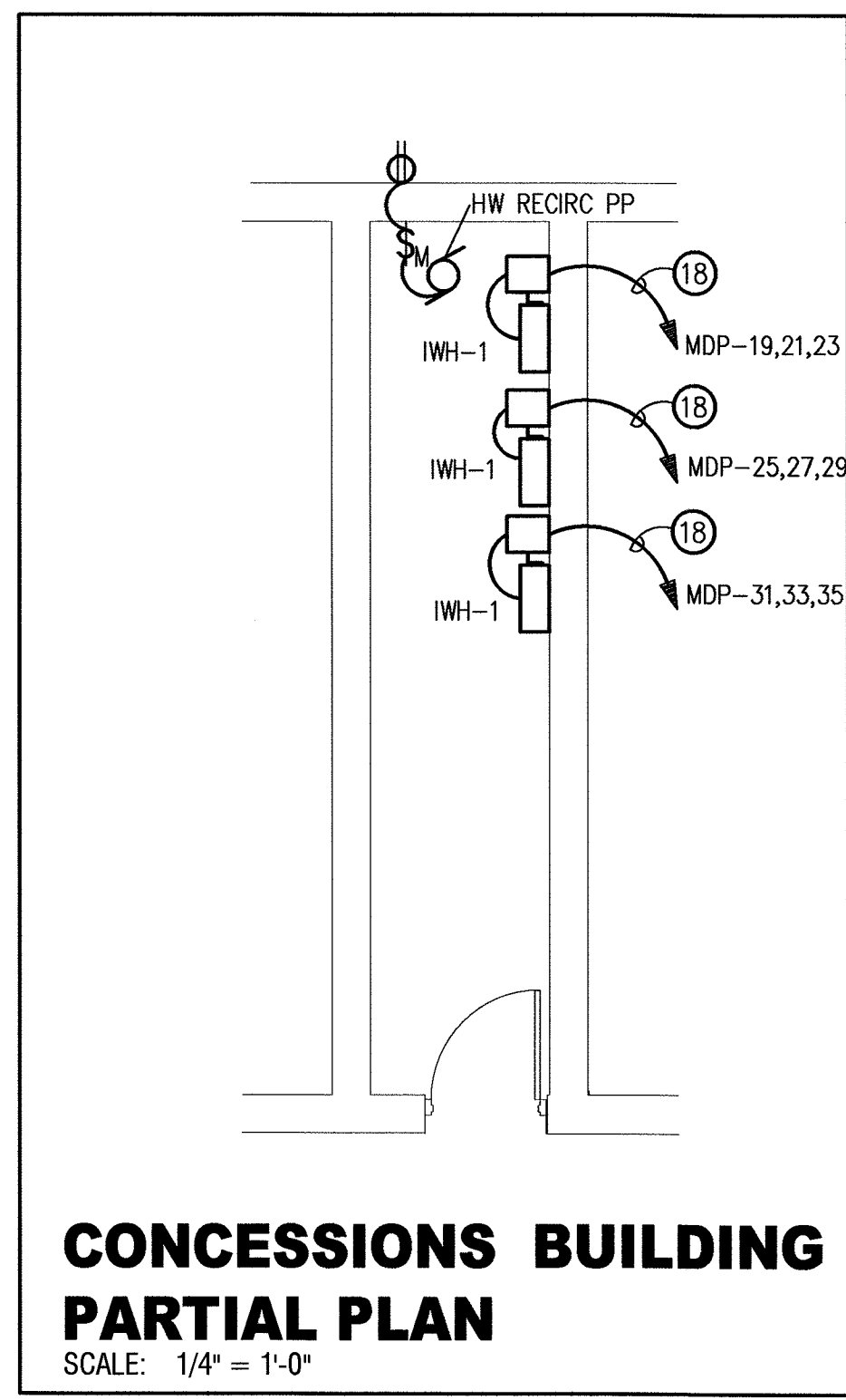
**GENERAL NOTES**

1. ACCESS CONTROLS AND CCTV SYSTEMS WILL BE PROVIDED UNDER A SEPARATE CONTRACT.

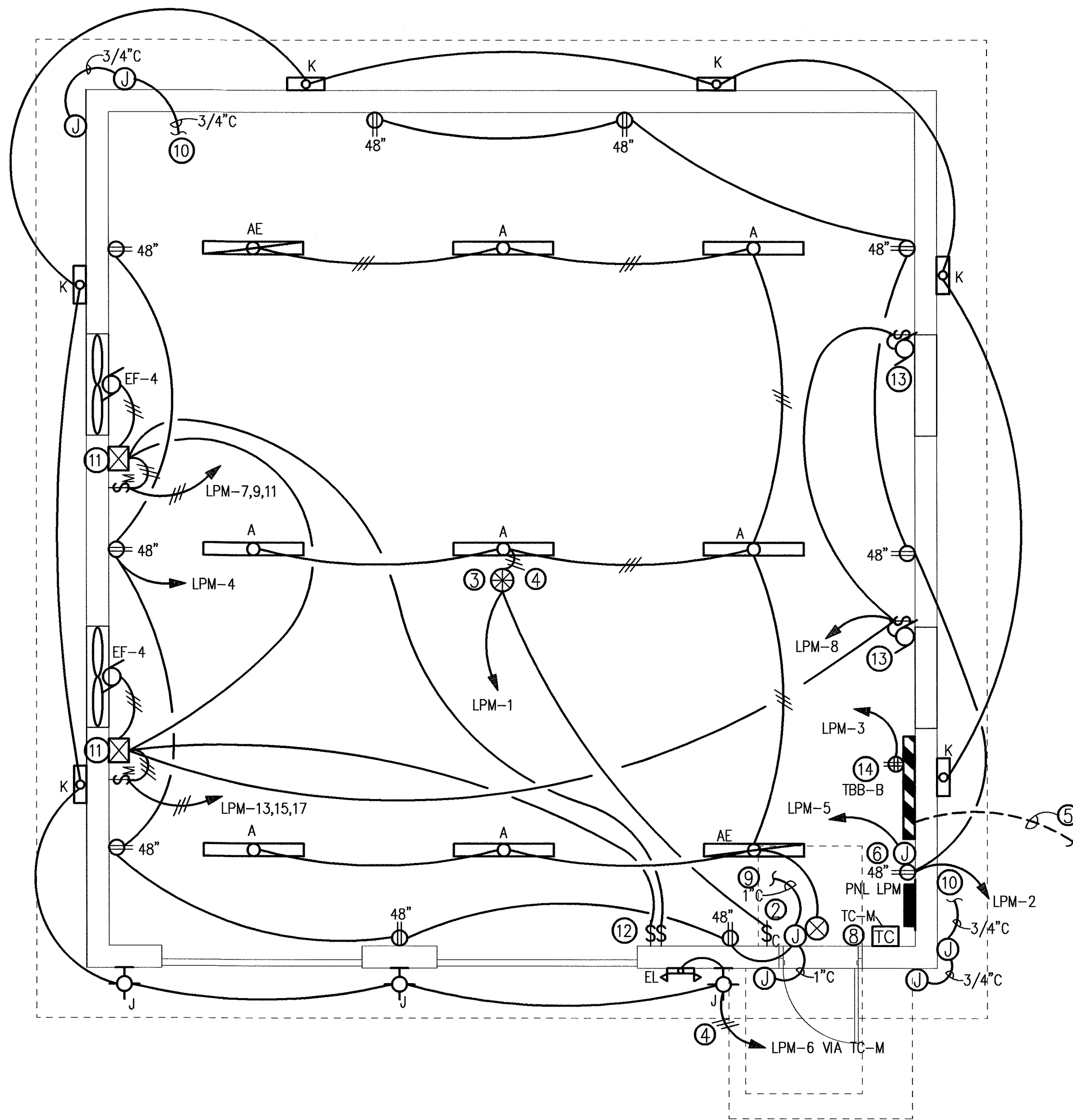


ACCESS CONTROL - ELECTRIC STRIKE WITH READER

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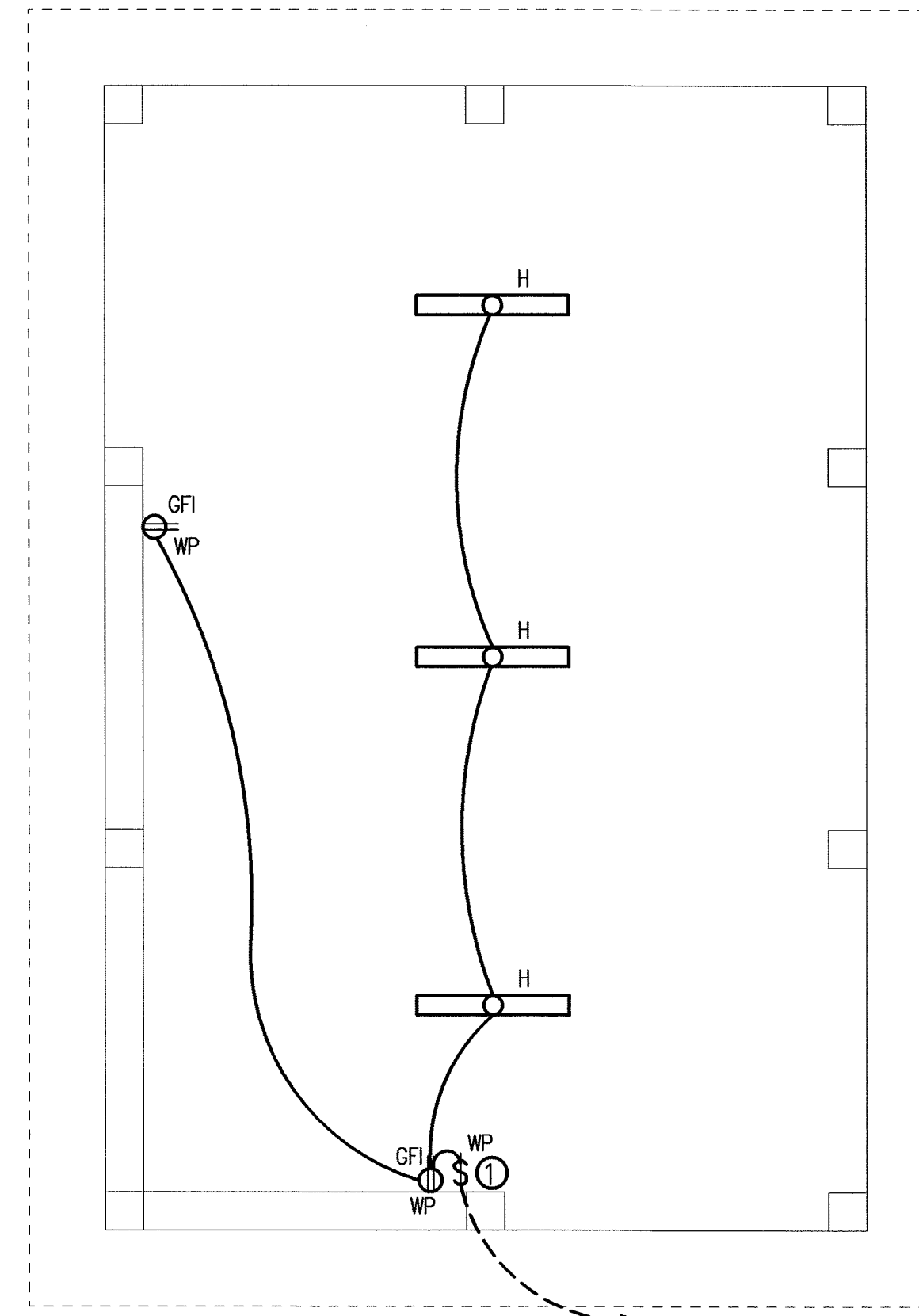


**CONCESSIONS BUILDING POWER PLAN**  
SCALE: 1/4" = 1'-0"



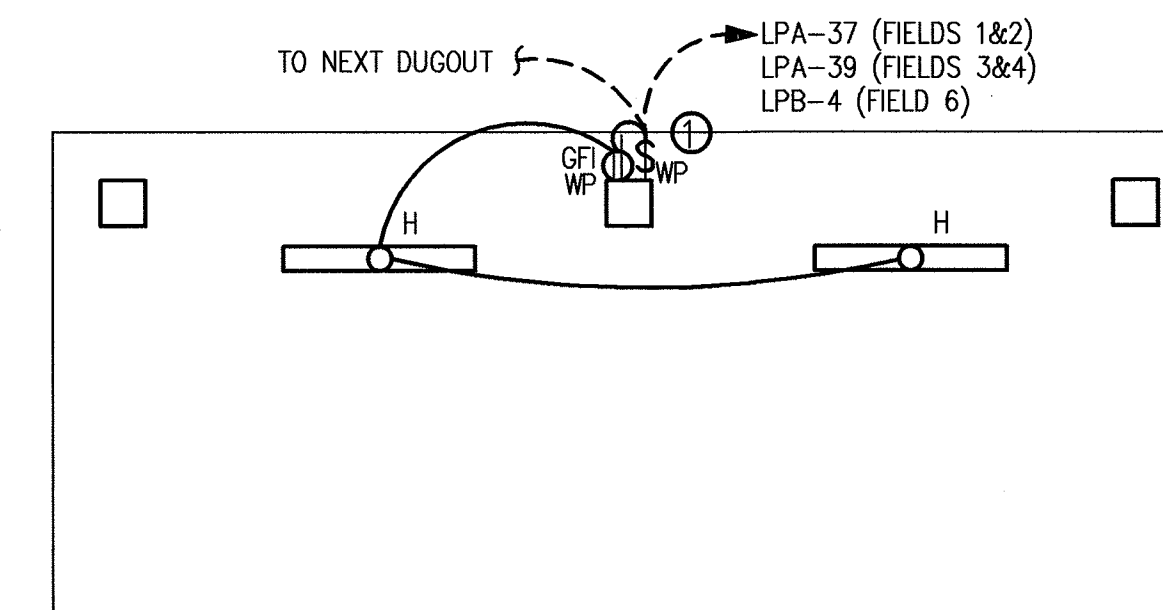
**MAINTENANCE BUILDING ELECTRICAL PLAN**

SCALE: 1/4" = 1'-0"



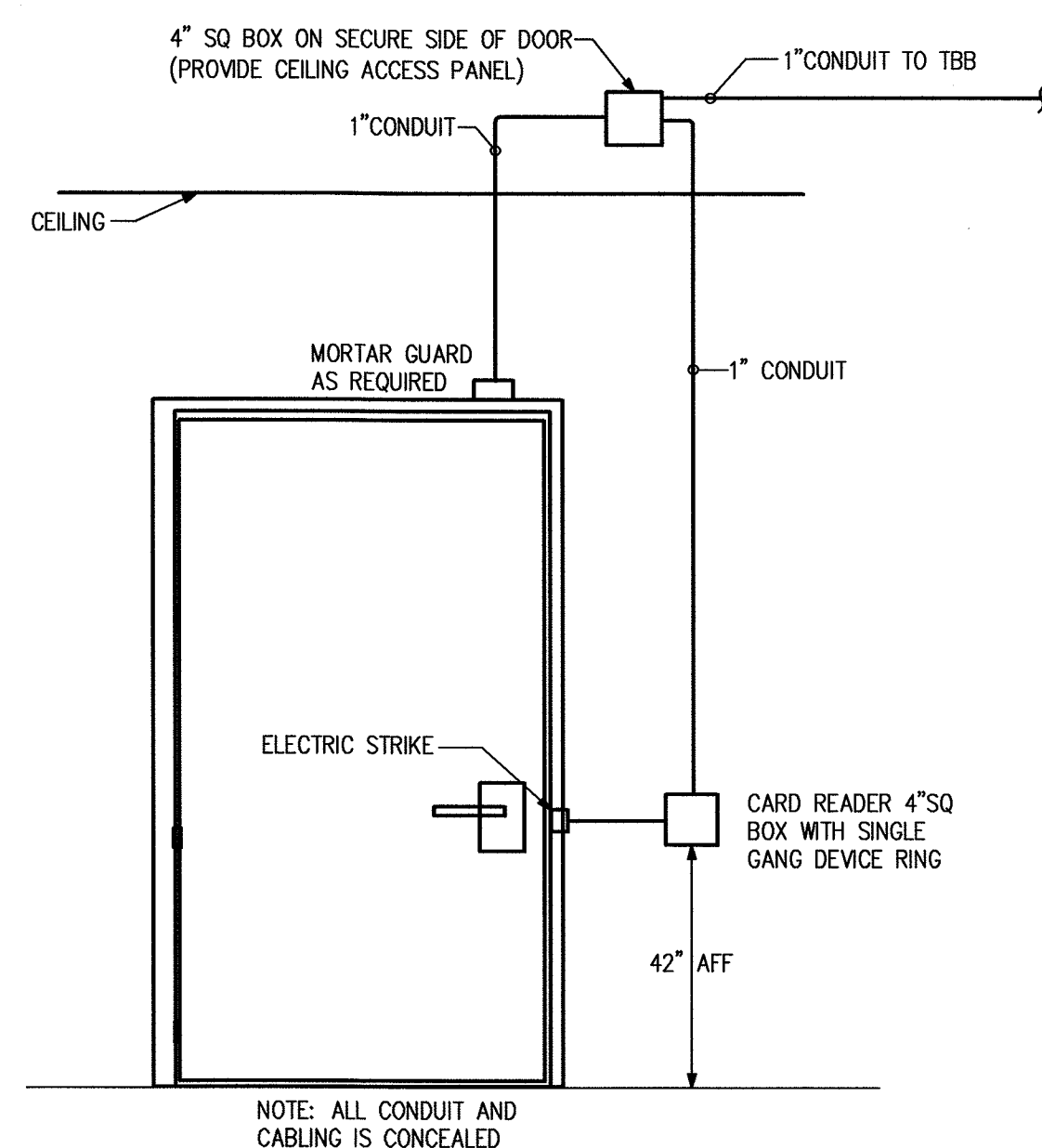
**PAVILION ELECTRICAL PLAN**

SCALE: 1/4" = 1'-0"



**DUGOUT ELECTRICAL PLAN (TYP)**

SCALE: 1/4" = 1'-0"



**ACCESS CONTROL - ELECTRIC STRIKE WITH READER**  
NO SCALE

TYPE	MANUFACTURER	CATALOG No.	LAMPS		MOUNTING	REMARKS
			No.	TYPE		
A	LSI LIGHTING	EG3-113768-4-LED-06L-DA-S-INV-DIM 35-80-SL	1	48 WATT, 6500 LUMEN LED ARRAY	CEILING SURFACE	
B	LSI LIGHTING	EG3-113768-4-LED-04L-DA-S-UNV-DIM 35-80-SL	1	32 WATT, 4380 LUMEN LED ARRAY	CEILING SURFACE	
C	LSI LIGHTING	EG3-113768-2-LED-04L-DA-S-UNV-DIM 35-80-SL	1	32 WATT, 4330 LUMEN LED ARRAY	CEILING SURFACE	
D	LSI LIGHTING	EGW-113768-2-LED-10L-DA-S-UNV-DIM-50-80-OSWL-STD	1	79 WATT, 10,380 LUMEN LED ARRAY	BOTTOM OF TRUSSES	SPAN TRUSSES WITH STAINLESS STEEL UNISTRUCT AS REQUIRED
EL	EVENLITE	TELESIS TCL-2206-2-W-SD	2	2 WATT LED HEADS	WALL @ 9'-0" AFF	
FL	LSI LIGHTING	XFLM-113768-MF-LED-49-HO-NW-UE-BRZ-SMC-23-BRZ	1	64 WATT, 5175 LUMEN LED ARRAY	STANCHION MOUNT 10" AFG TO BOTTOM OF FIXT	PROVIDE 12" DIA X 24"D 3000 PSI CONCRETE EMBED
G	NORA LIGHTING	NQZ-81-6672-2639L/30W/3500K-MPW-NQZ-81REFLD	1	30 WATT, 2639 LUMEN LED ARRAY	CEILING RECESSED	
H	LSI LIGHTING	EG3-113768-4-LED-04L-DA-S-UNV-DIM 35-80-OSWL-SL	1	32 WATT, 4380 LUMEN LED ARRAY	CEILING SURFACE	
J	LURALINE	RD11-582-GNLX-FR-TL9HO-PREMIUM-CG3-SSP	1	9.4 WATT, 2179 LUMEN LED ARRAY	WALL @ 84" AFF TO BOTTOM OF SHADE	COLOR TO BE SELECTED BY ARCHITECT. PROVIDE SIDING ADAPTER
K	LSI LIGHTING	XWS-113768-LED-2L-MTPD-UNV-DIM-35-80CRI-FINISH-SPI	1	15 WATT, 1887 LUMEN LED ARRAY	WALL @ 8'-6" AFF TO CENTER	PROVIDE SIDING ADAPTER
⊗	EVENLITE	TWL-2206-EM-R-1U-W-SD	1	LED STRIP	UNIVERSAL CANOPY	

NOTE: SUFFIX 'E' TO FIXTURE TYPE DENOTES EMERGENCY BATTERY PACK INSTALLED IN FIXTURE AND CONNECTED AHEAD OF ALL SWITCHING

HARD COPIES OF THIS DRAWING CANNOT BE VERIFIED AS OFFICIALLY SIGNED AND SEALED. ONLY DIGITALLY VERIFIABLE FILES CAN BE USED AS OFFICIAL DOCUMENTS.

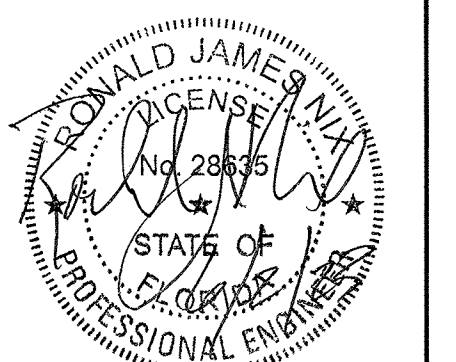
**PLAN NOTES (THIS SHEET)**

- PROVIDE 20 AMP TOGGLE SWITCH IN NEMA 4X ENCLOSURE FOR DISCONNECT. MINIMUM CONDUIT AND WIRING TO BE 10 AWG CU IN 3/4" SCH 40 PVC BELOW GRADE AND SCH 80 ABOVE GRADE. ALL EXPOSED PVC RUNS OVER 10 FT SHALL HAVE EXPANSION COUPLINGS PER MANUFACTURER'S INSTRUCTIONS.
- LOW VOLTAGE SWITCH EQUAL TO STEINEL LV-1-LED-U22
- OCCUPANCY SENSOR EQUAL TO STEINEL DT-QUATTROCOM-24-U22 WITH TR200 POWER PACK. WIRE TO TURN ON MANUALLY AND TURN OFF AUTOMATICALLY.
- BYPASS LIGHTING CONTROLS WITH UNSWITCHED LEG FOR EMERGENCY LIGHTING.
- 3" SCH 80 PVC CONDUIT WITH 14 AWG PULLWIRE TO BACKBOARD TBB-A IN CONCESSIONS BUILDING. PROVIDE 12" X 12" CONCRETE ENCASEMENT.
- LOCATE FOR IRRIGATION CONTROLLER. COORDINATE LOCATION AND CIRCUIT REQUIREMENTS PRIOR TO ROUGH-IN.
- TWO 6 AWG THWN CU AN DONE 6 AWG CU GND IN 1". PROVIDE 20A/2P TOGGLE SWITCH IN NEMA 4X ENCLOSURE FOR DISCONNECT. CONDUIT TO BE SCH 40 PVC BELOW GRADE AND SCH 80 ABOVE GRADE. ALL EXPOSED PVC RUNS OVER 10 FT SHALL HAVE EXPANSION COUPLINGS PER MANUFACTURER'S INSTRUCTIONS.
- PROVIDE SINGLE CIRCUIT ASTRONOMIC DIGITAL 365 DAY PROGRAMMABLE TIME CLOCK WITH POWER RESERVE.
- TO TBB FOR ACCESS CONTROLS. LOCATE JUNCTION BOXES FOR ACCESS CONTROLS COMPONENTS. COORDINATE WITH ACCESS CONTROLS CONTRACTOR.
- TO TBB FOR CCTV. LOCATE JUNCTION BOXES FOR CCTV CAMERAS. COORDINATE WITH CCTV SYSTEM CONTRACTOR.
- PROVIDE NEMA SIZE 0 MAGNETIC MOTOR STARTER WITH OVERLOAD RELAY, THERMAL UNITS, 120V COIL, 120V CONTROL POWER TRANSFORMER, AND TWO AUXILIARY CONTACTS. PROVIDE MOTOR RATED TOGGLE SWITCH W/O OVERLOAD PROTECTION ADJACENT TO MOTOR STARTER FOR DISCONNECT.
- COORDINATE LOCATION OF FAN CONTROL SWITCHES WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
- MOTORIZED LOUVER. PROVIDE MOTOR RATED TOGGLE SWITCH ADJACENT TO MOTOR FOR DISCONNECT. INTERLOCK WITH EF-4 FANS SO THAT BOTH LOUVERS OPEN WHEN EITHER FAN IS RUNNING.
- PROVIDE WALL MOUNTED DATA EQUIPMENT RACK WITH CABLE MANAGEMENT AND 48 PORT CAT 6 PATCH PANEL.

**GENERAL NOTES**

- ACCESS CONTROLS AND CCTV SYSTEMS WILL BE PROVIDED UNDER A SEPARATE CONTRACT.

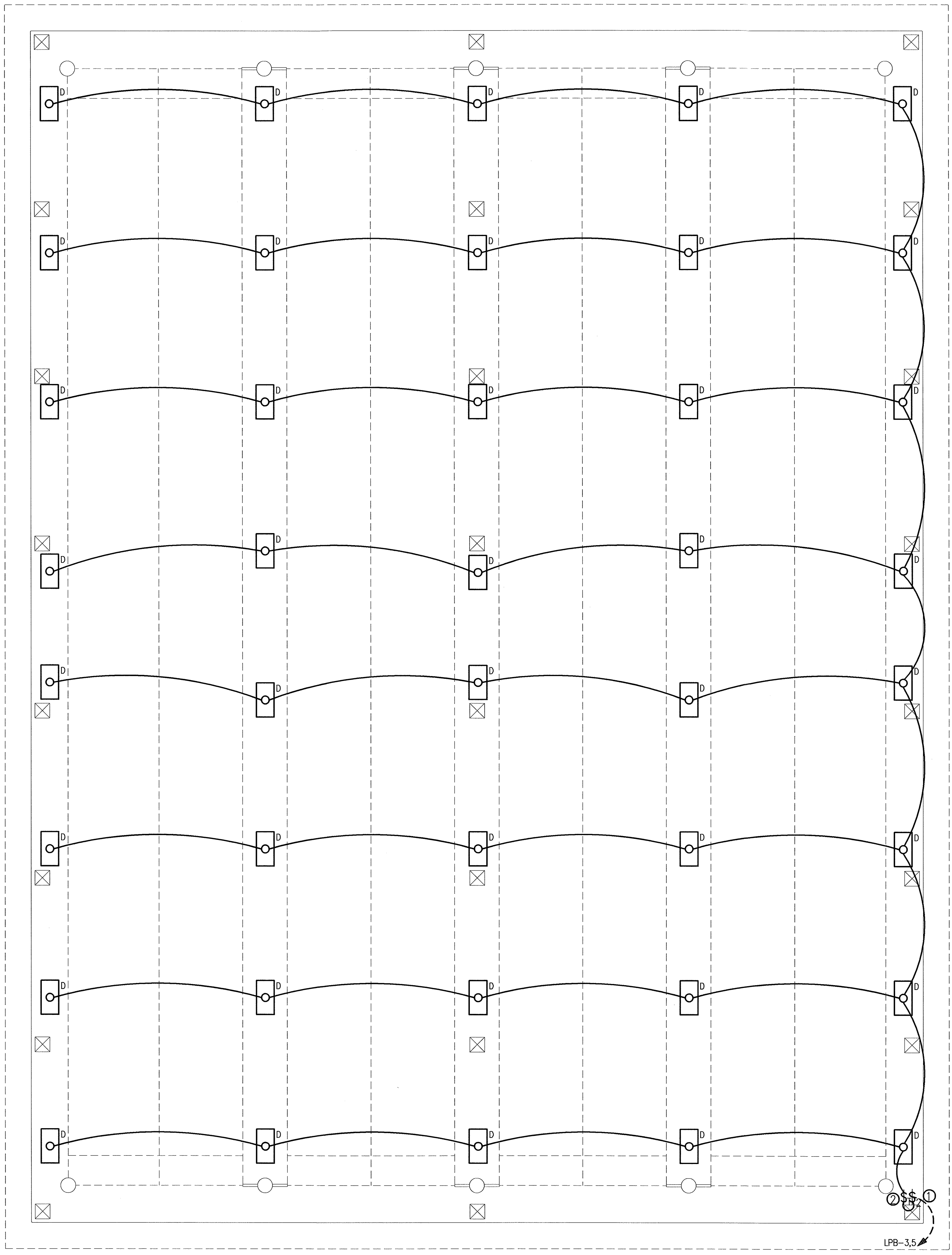
APPROVED AS NOTED  
Bay County, FL  
Planning Division



MAINT, PAVILION, DUGOUT ELECTRICAL  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
SOUTHPORT, FL

REV	DATE	DESCRIPTION
0	05/20/2022	ISSUE FOR PERMIT REVIEW
1	07/19/2022	PERMIT DOCUMENTS
2	05/17/2023	DO SUBMITTAL

**E3.01**



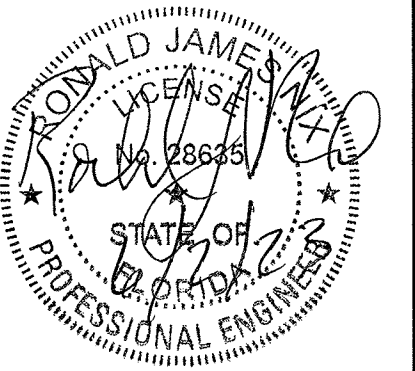
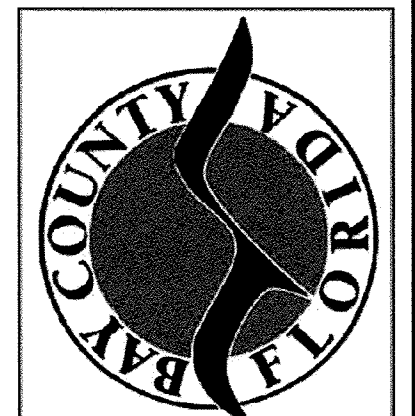
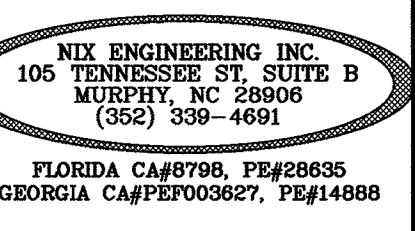
**BATTING CAGES ELECTRICAL PLAN**  
SCALE: 1/4" = 1'-0"

HARD COPIES OF THIS DRAWING CANNOT BE VERIFIED AS OFFICIALLY SIGNED AND SEALED, ONLY DIGITALLY VERIFIABLE FILES CAN BE USED AS OFFICIAL DOCUMENTS.

**PLAN NOTES (THIS SHEET)**

- ① PROVIDE 20A/2P TOGGLE SWITCH IN NEMA 4X ENCLOSURE FOR DISCONNECT. MINIMUM CONDUIT AND WIRING TO BE 10 AWG CU IN 3/4" SCH 40 PVC BELOW GRADE AND SCH 80 ABOVE GRADE. ALL EXPOSED PVC RUNS OVER 10 FT SHALL HAVE EXPANSION COUPLINGS PER MANUFACTURER'S INSTRUCTIONS.
- ② PROVIDE SPRING WOUND COUNTDOWN TIMER MOUNTED IN SURFACE FD BOX AND INSTALLED IN A 12"x12"x6" NEMA 4X ENCLOSURE WITH HINGED COVER AND THREE POINT LATCH. TIMER TO BE DPST, SIX HOUR MAX WITHOUT HOLD EQUAL TO INTERMATIC FF46H.

APPROVED AS NOTED  
Bay County, FL  
Planning Division



**BATTING CAGES ELECTRICAL PLAN**  
**SITE IMPROVEMENTS FOR SOUTHPORT SPORTS COMPLEX**  
SOUTHPORT, FL

REV.	CHK.	DATE	DESCRIPTION
0	RAJ	05/03/2023	ISSUE FOR PERMIT REVIEW
1	RAJ	07/19/2023	PERMIT DOCUMENTS
2	RAJ	05/31/2023	DO SUBMITTAL
3	RAJ		

**E4.01**  
37237-01

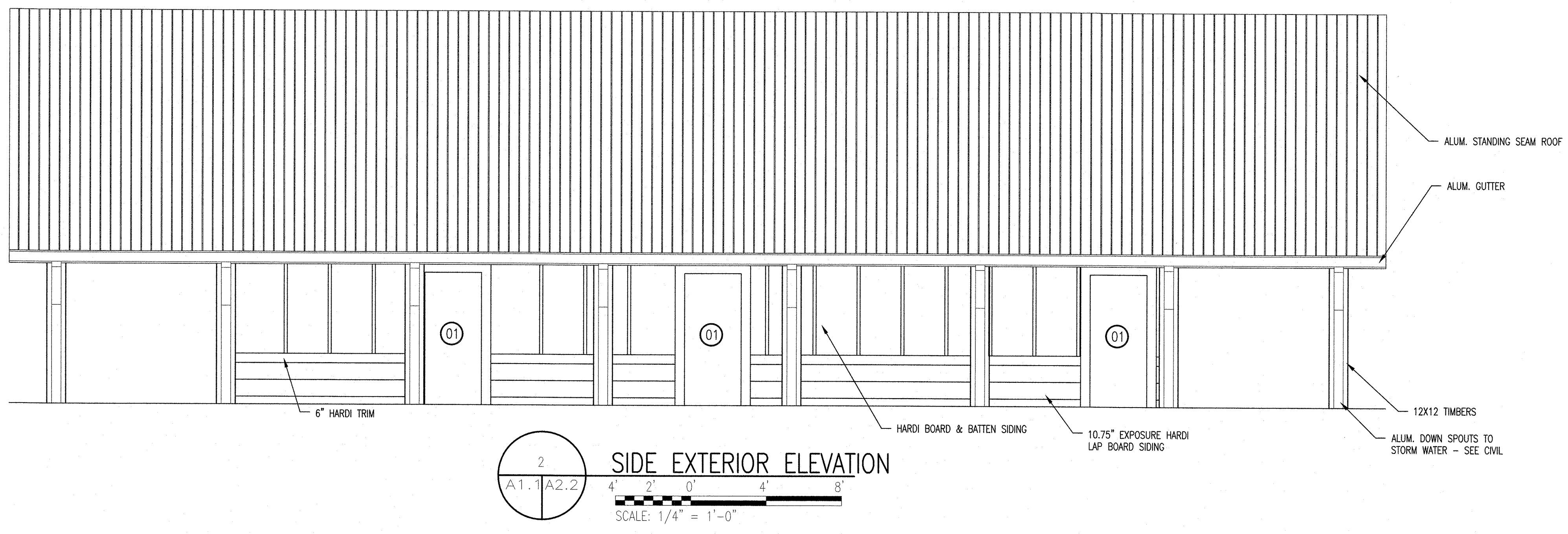
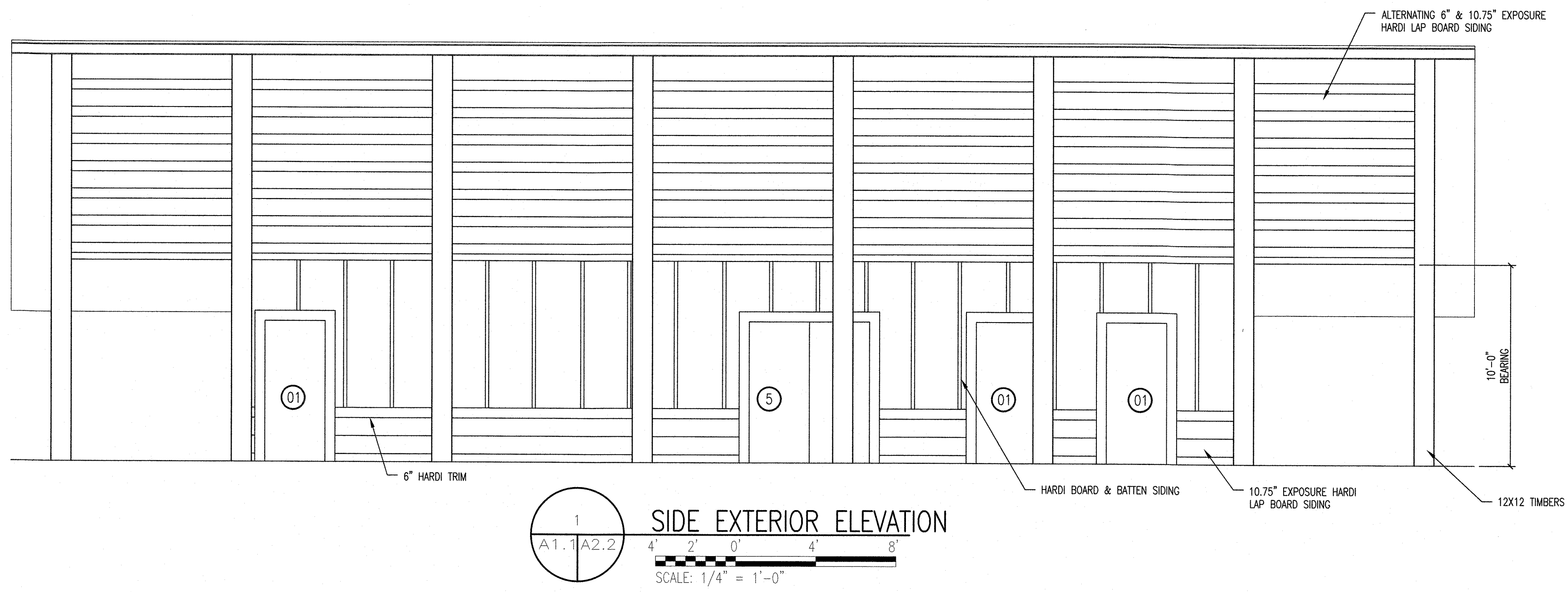








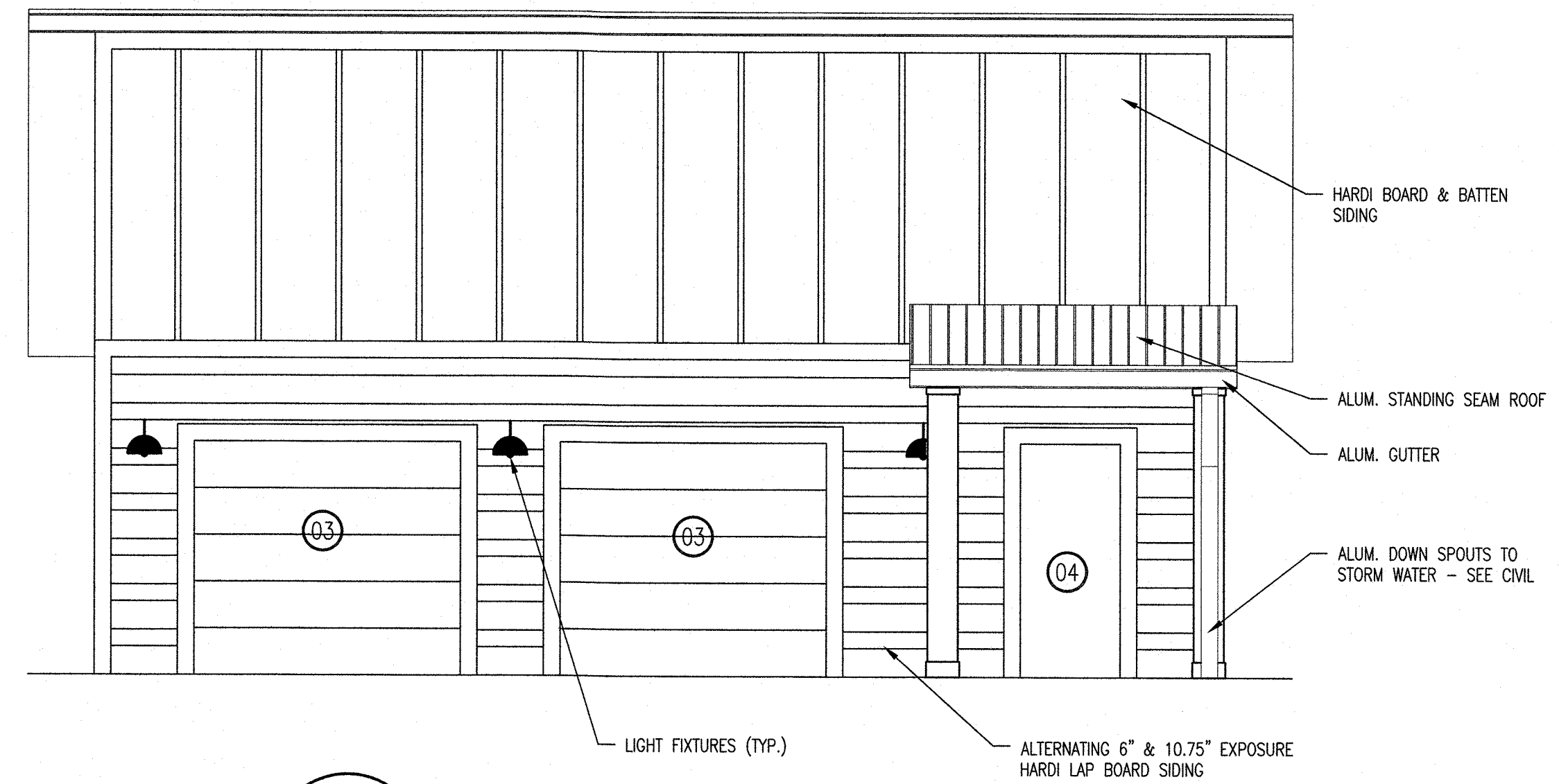
NOTES



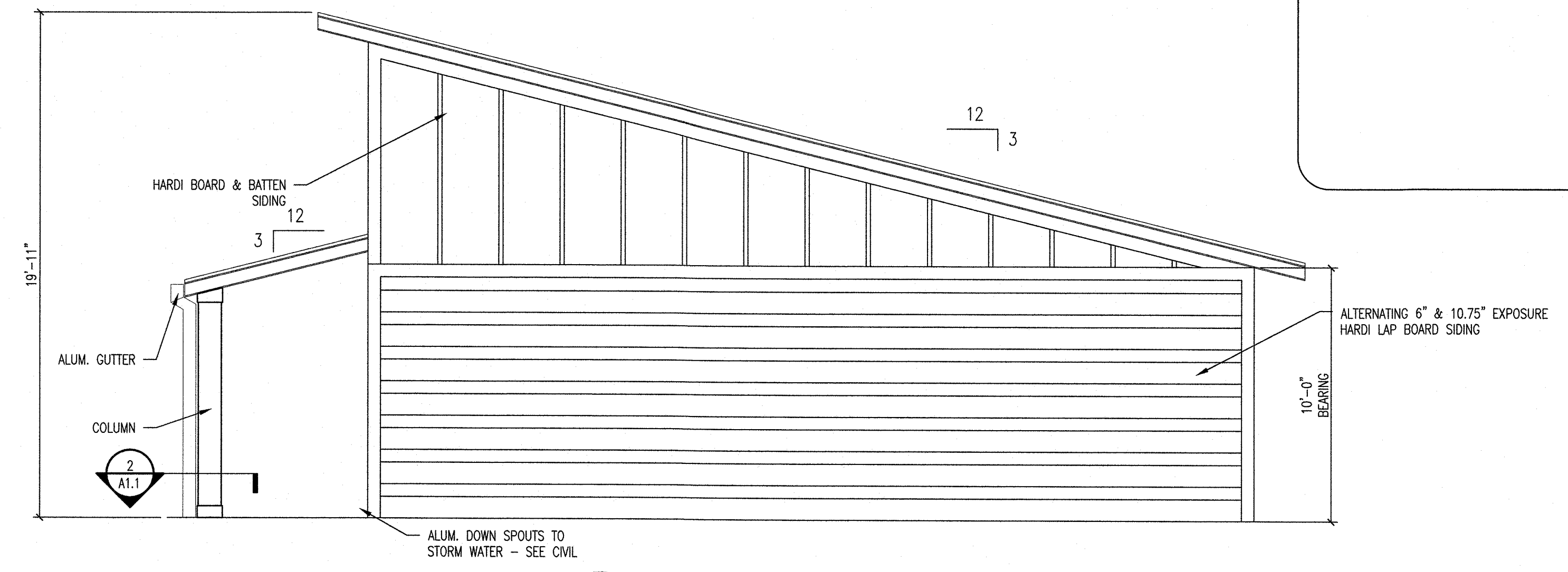
REV.	DE.	CHK.	DATE	DESCRIPTION

REV.	DR.	CHK.	DATE	DESCRIPTION

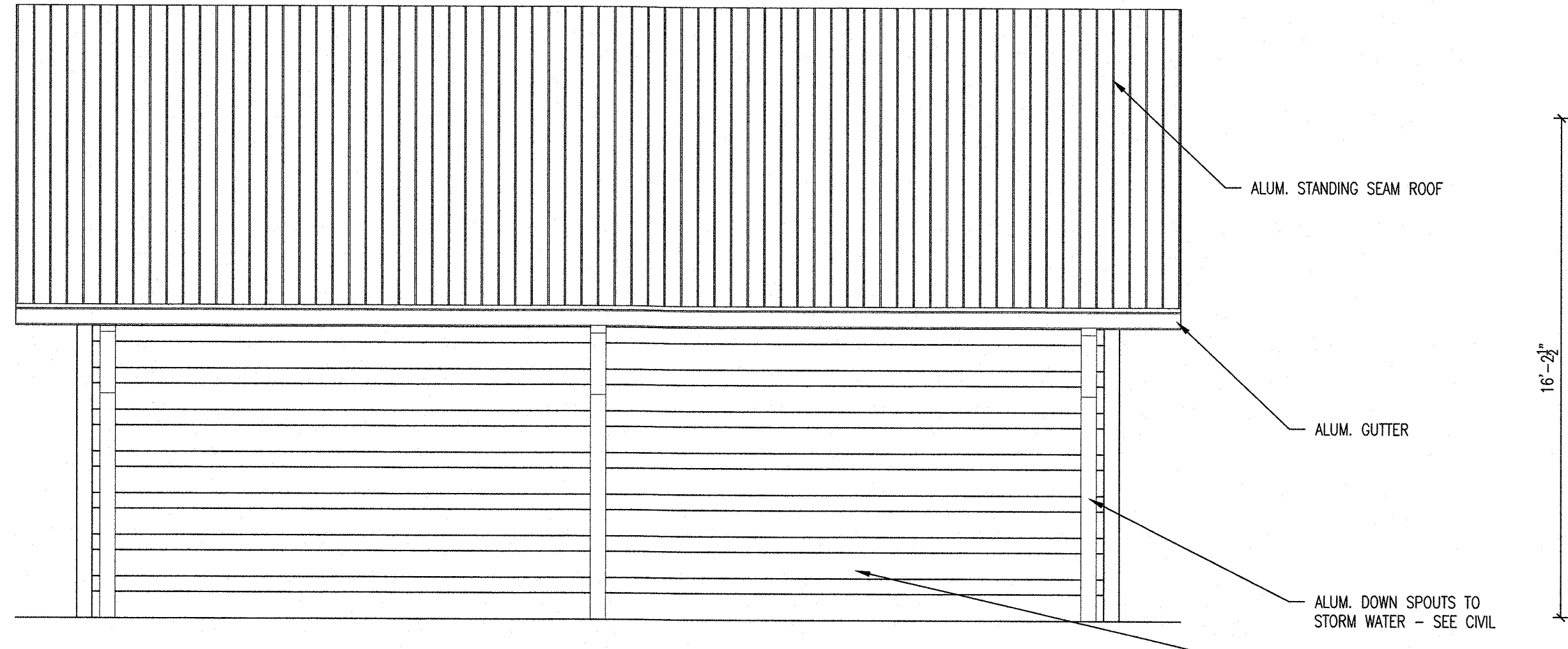
NOTES



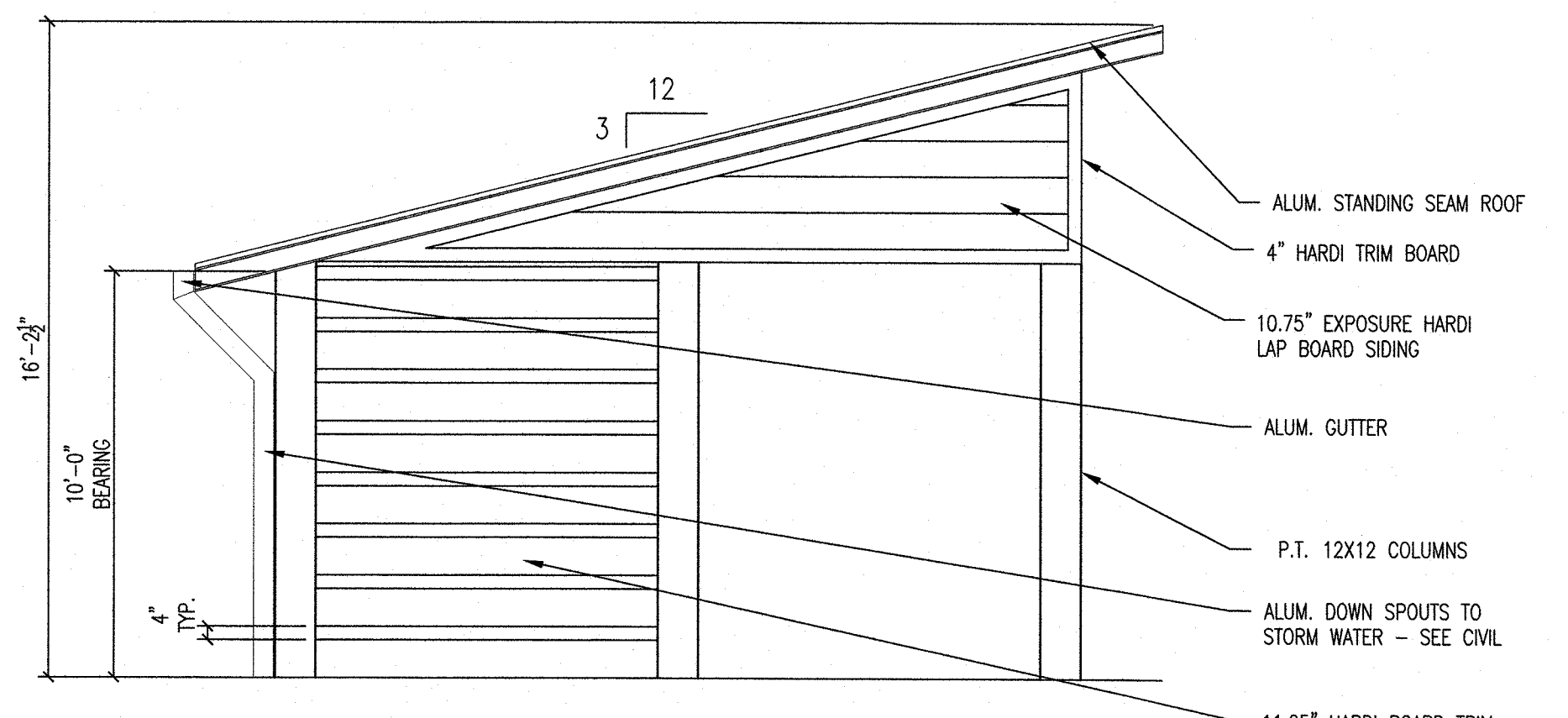
1 MAINTENANCE BLDG. FRONT ELEVATION  
A1.2 A2.3  
SCALE: 1/4" = 1'-0"



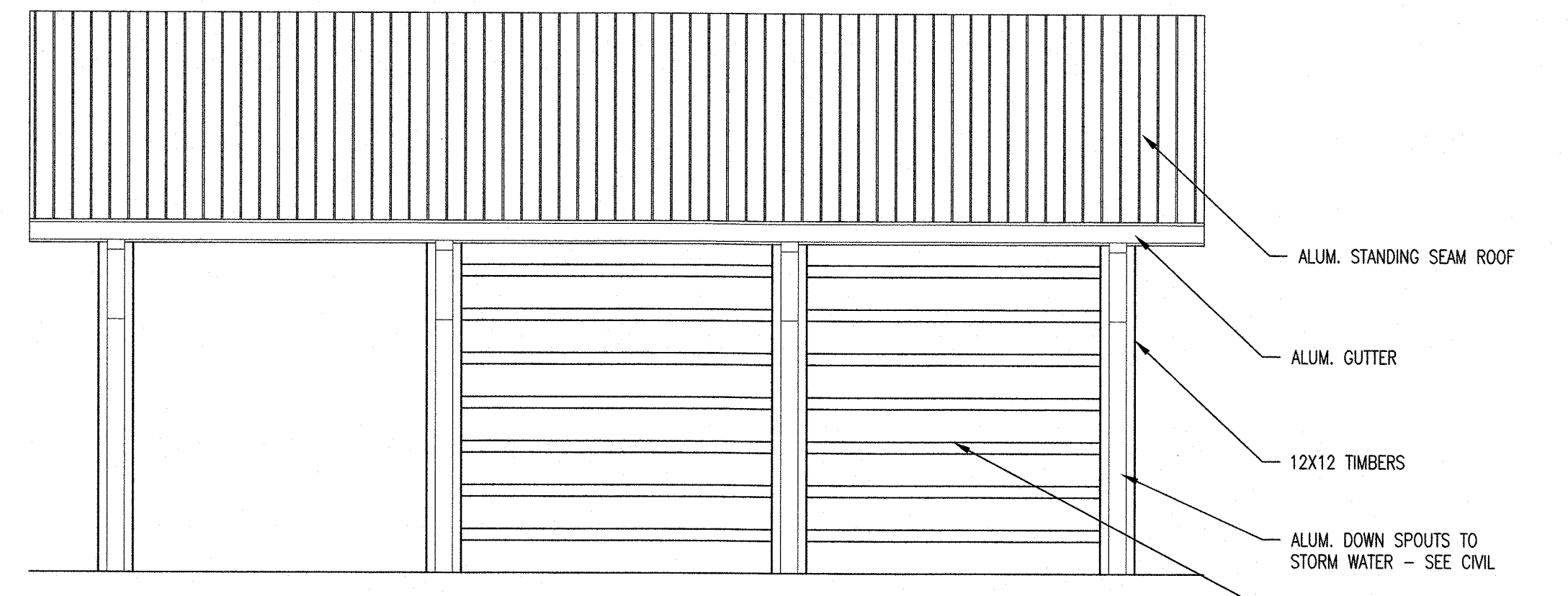
2 MAINTENANCE BLDG. SIDE ELEVATION (TYP.)  
A1.2 A2.3  
SCALE: 1/4" = 1'-0"



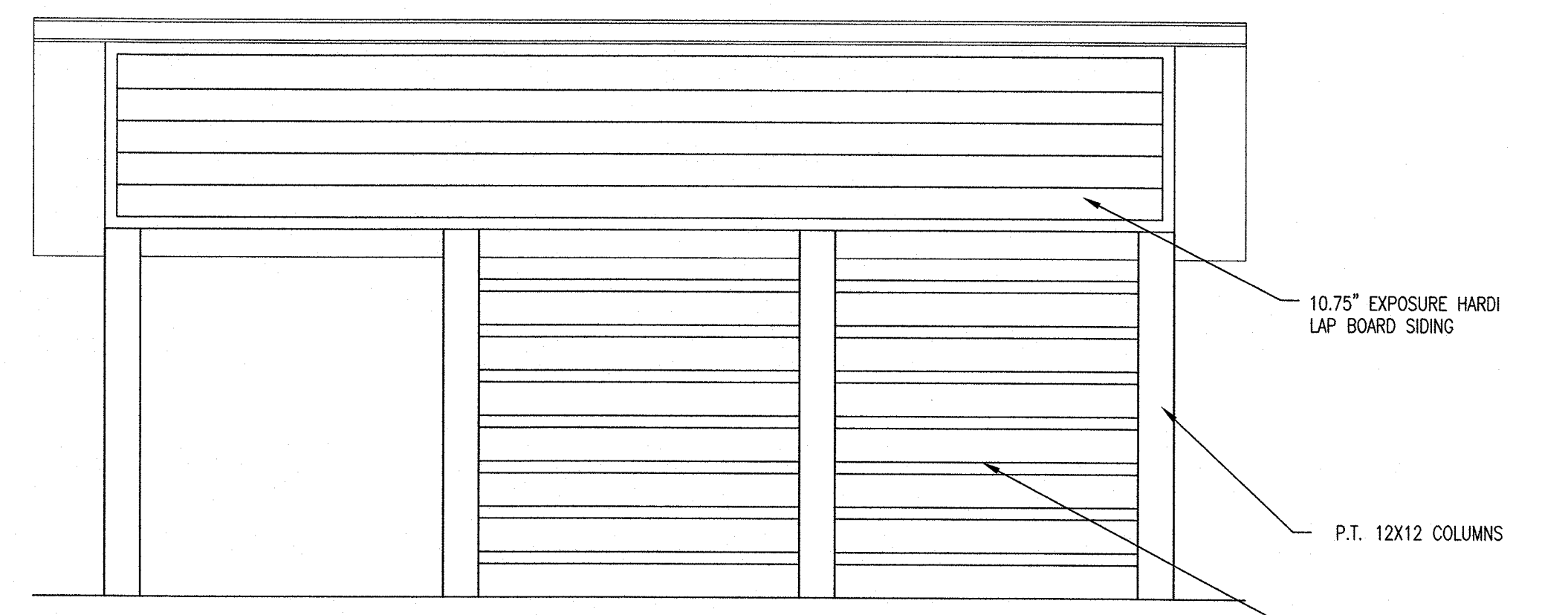
3 MAINTENANCE BLDG. REAR ELEVATION  
A1.2 A2.3  
SCALE: 1/4" = 1'-0"



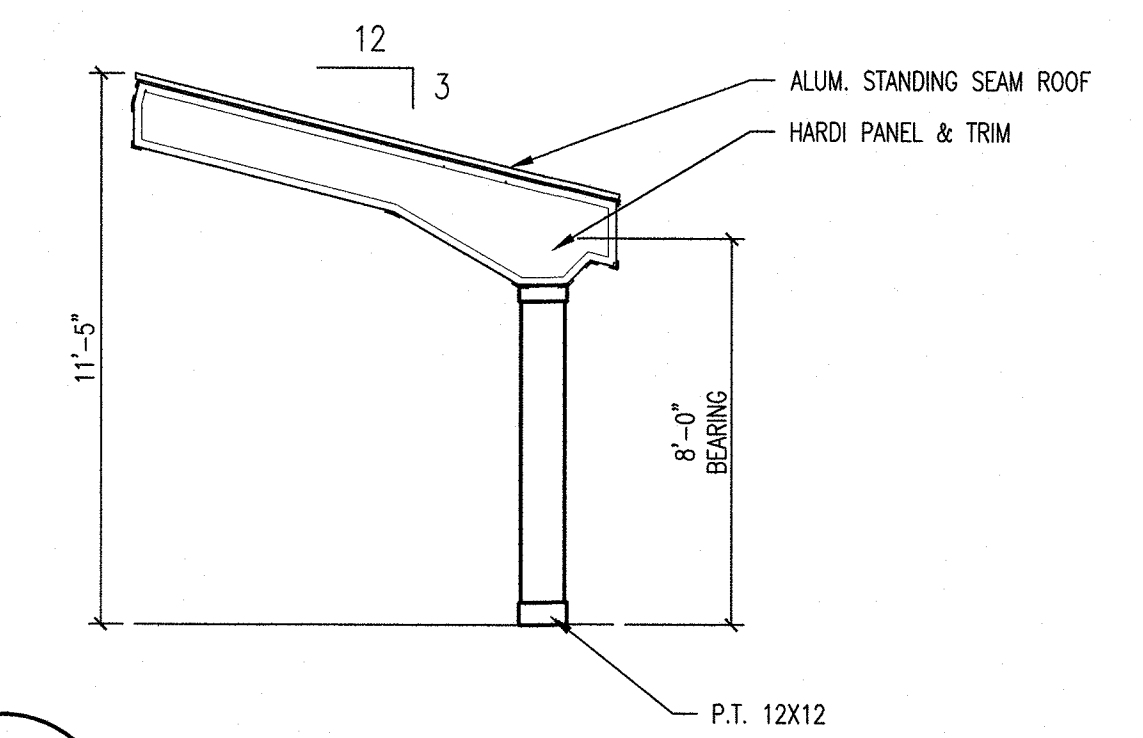
4 PAVILION FRONT ELEVATION (TYP.)  
A1.2 A2.3  
SCALE: 1/4" = 1'-0"



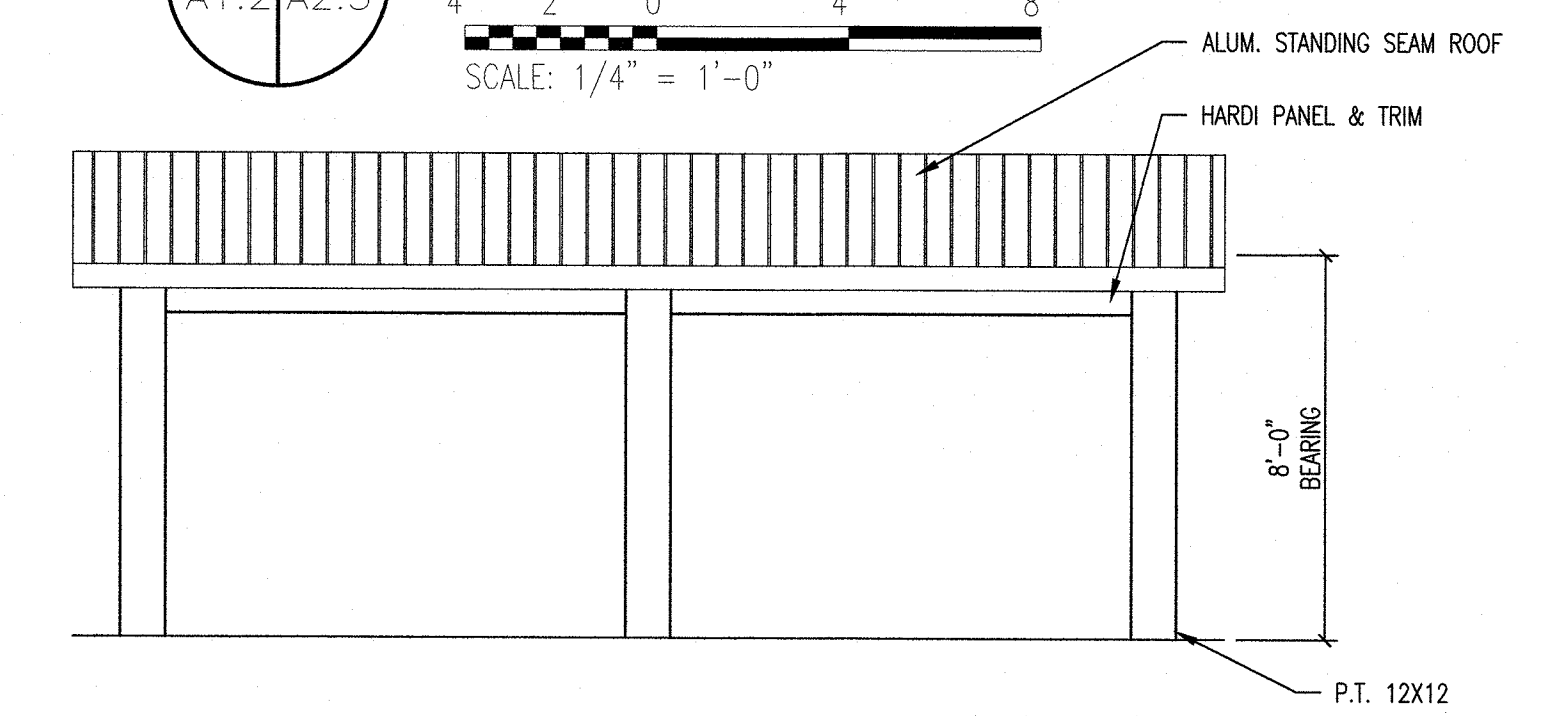
5 PAVILION SIDE ELEVATION  
A1.2 A2.3  
SCALE: 1/4" = 1'-0"



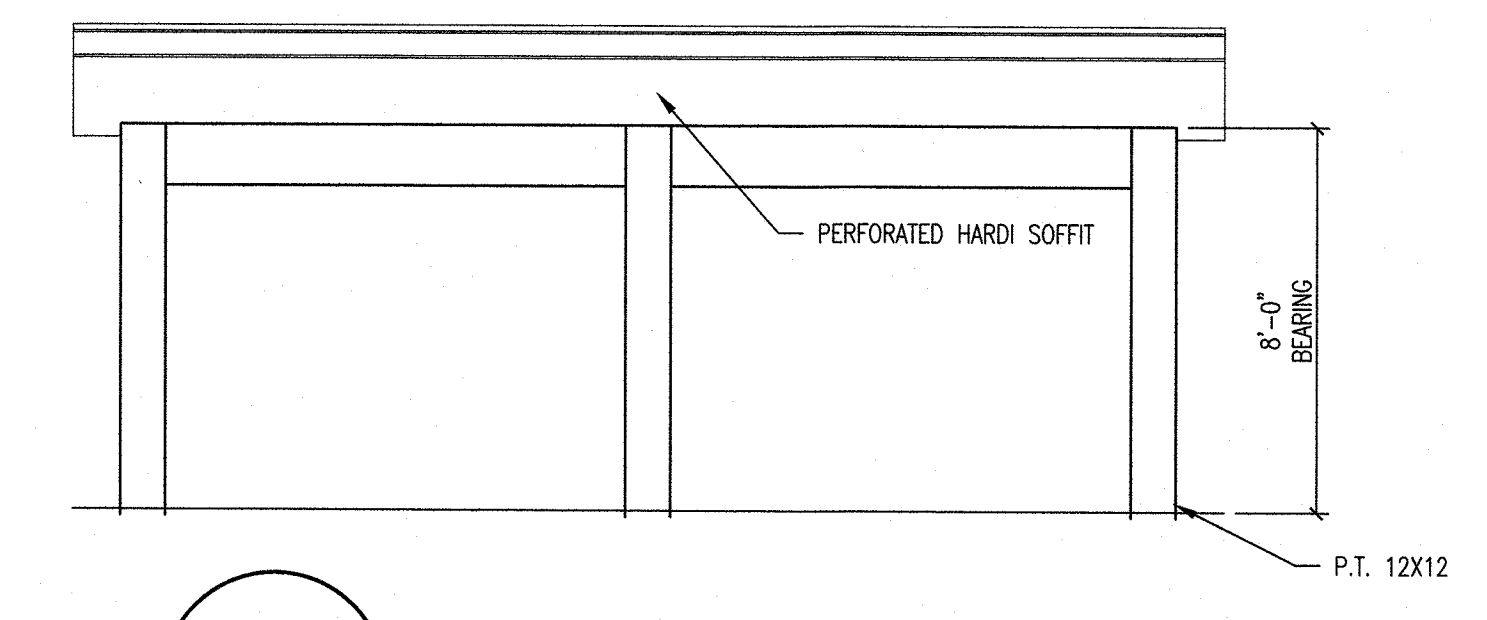
6 PAVILION SIDE ELEVATION  
A1.2 A2.3  
SCALE: 1/4" = 1'-0"



7 DUGOUT SIDE ELEVATION (TYP.)  
A1.2 A2.3  
SCALE: 1/4" = 1'-0"

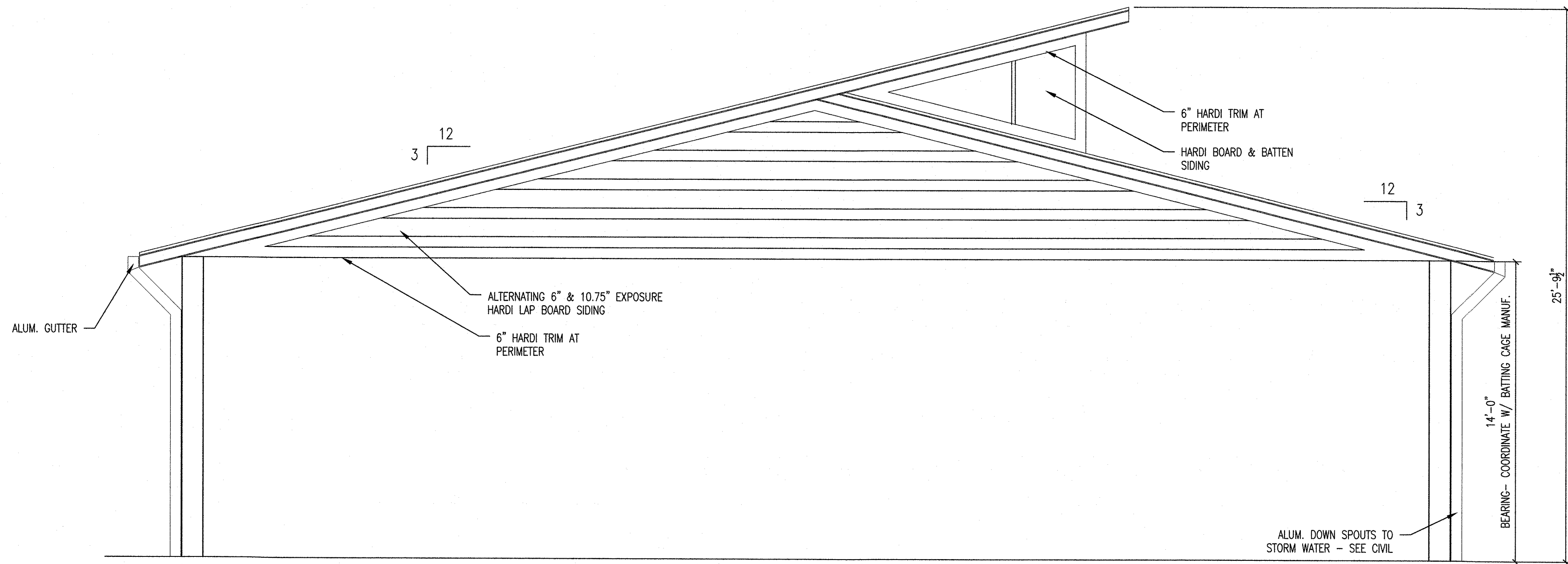


8 DUGOUT FRONT ELEVATION  
A2.3 A2.3  
SCALE: 1/4" = 1'-0"

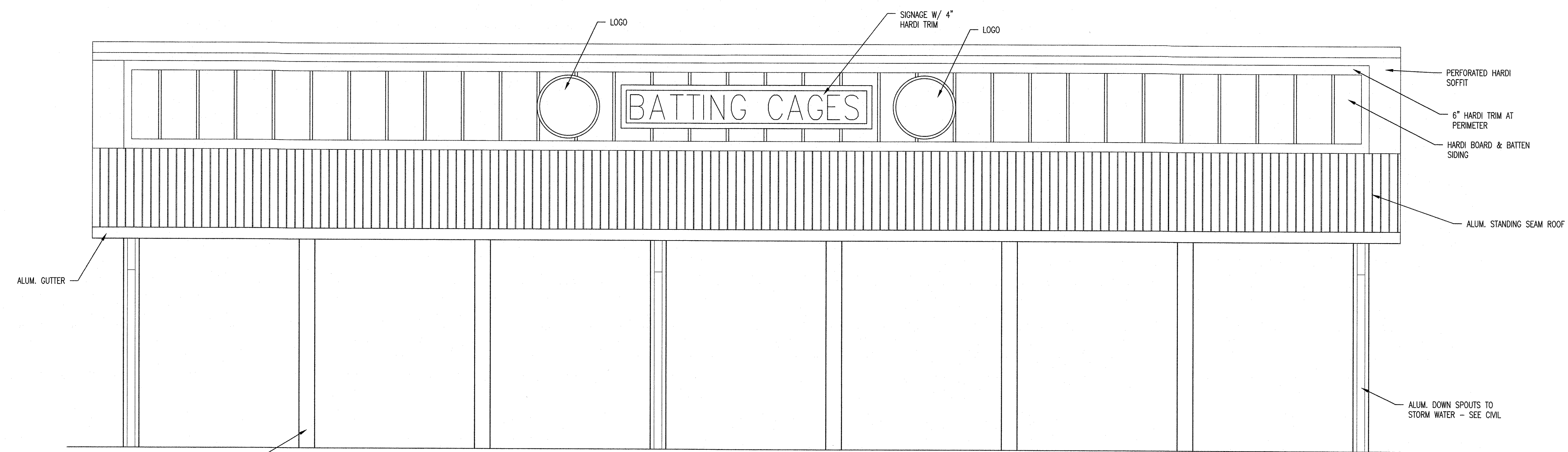


9 DUGOUT REAR ELEVATION  
A1.2 A2.3  
SCALE: 1/4" = 1'-0"

USER: EBRNARD  
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SAVED: 7/22/2023  
PLOTTED: 6/30/2023



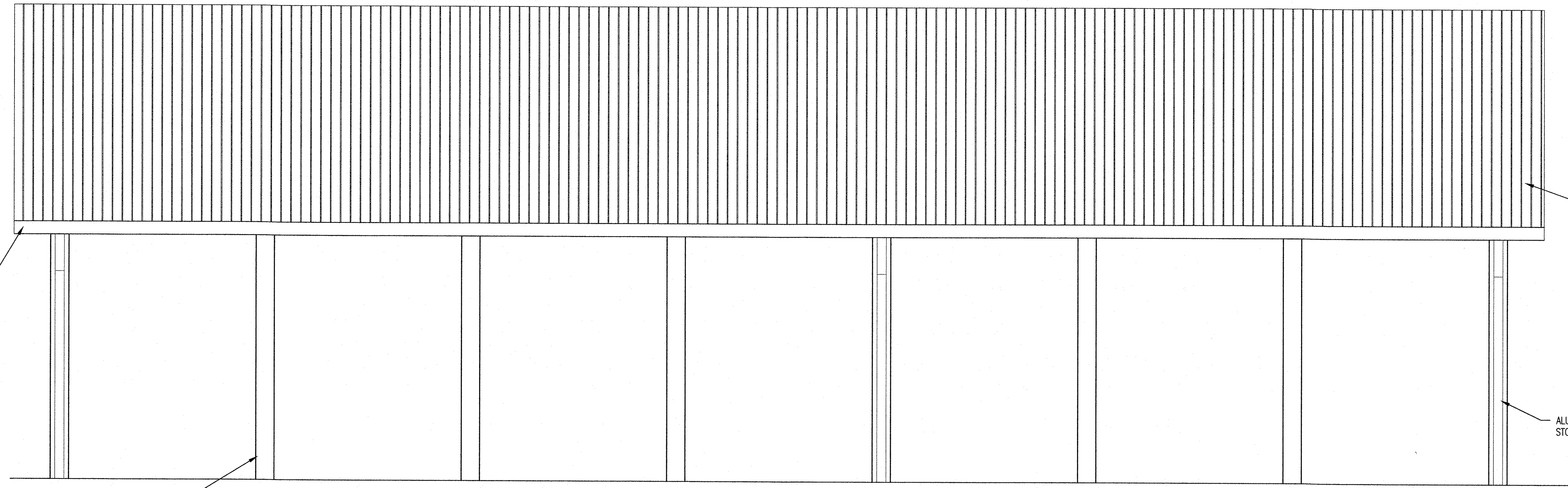
1  
A1.6 A2.4  
BATTING CAGE PAVILION ELEVATION  
SCALE: 1/4" = 1'-0"



2  
A1.6 A2.4  
BATTING CAGE PAVILION ELEVATION  
SCALE: 1/4" = 1'-0"

NOTES

REV.	DR.	CHK.	DATE	DESCRIPTION



NOTES

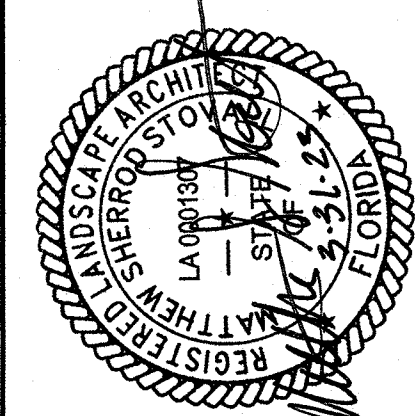
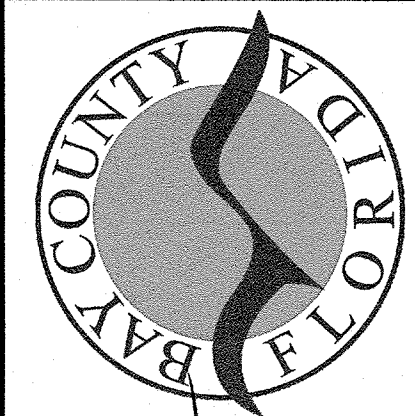
12X12 COLUMN - SEE STRUCTURAL

1  
A1.6 | A2.5

SCALE: 1/4" = 1'-0"

**BATTING CAGE PAVILION ELEVATION**

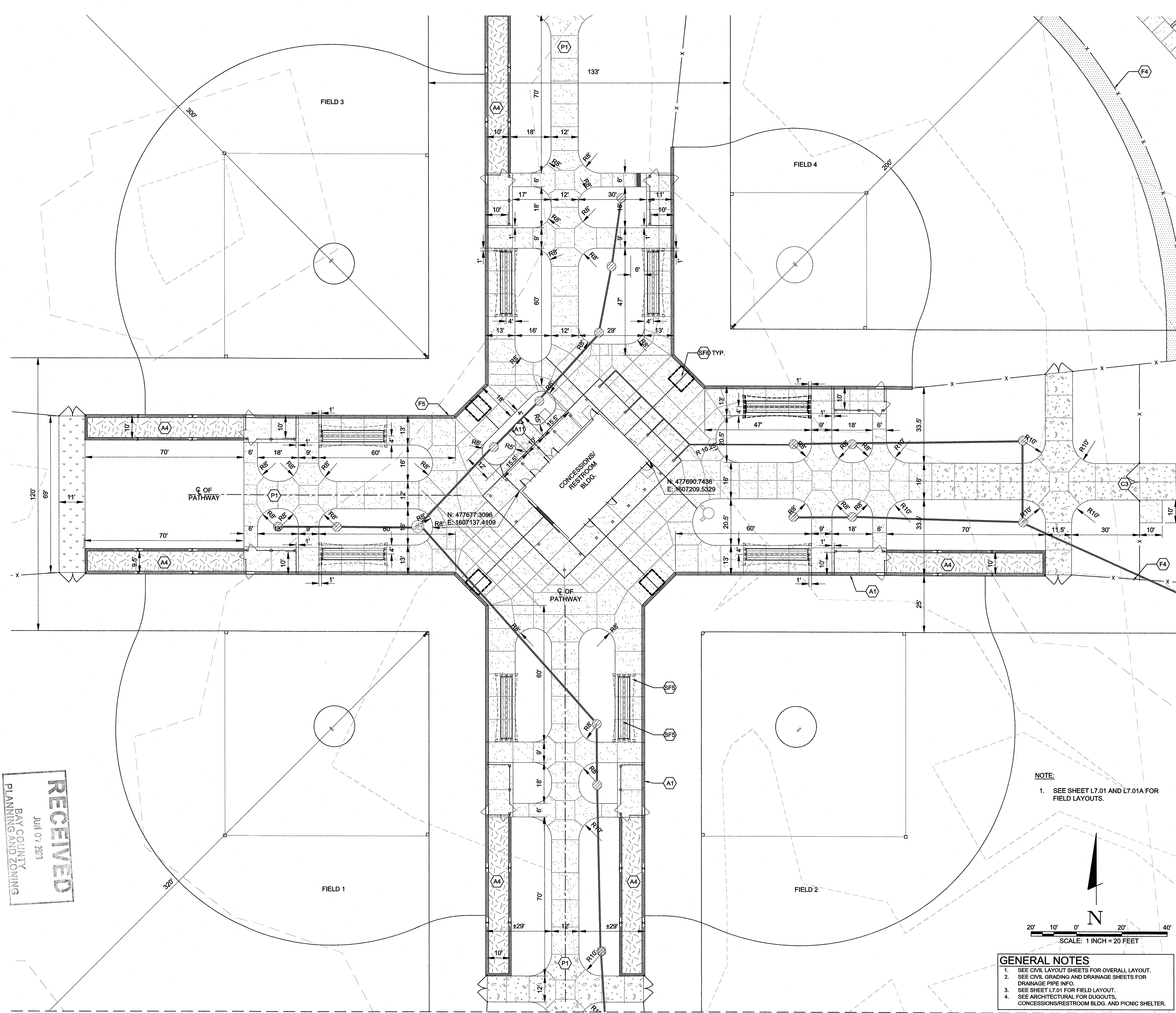
REV.	DR.	CHK.	DATE	DESCRIPTION



**PLAZA LAYOUT PLAN**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

REV.	DR.	CHK.	DATE	DESCRIPTION
A	JAL	MS	05/10/2022	60% REVIEW
B	JAL	MS	07/07/2022	50% REVIEW
C	JAL	MS	12/19/2022	ISSUED FOR PERMIT
D	JAL	MS	03/27/2023	REVISED FIELD EQUITY COMMENTS

**L1.01**  
37237-01



**LEGEND**

---	LIMITS OF DISTURBANCE
- - - -	PROPERTY LINE
.....	WETLAND LIMITS
○-○-○-○	TREE PROTECTION FENCING (SEE DETAIL 1/SHEET C0.41)
x-x-x-x	6' CHAINLINK FENCE

03 CONCRETE		DETAIL
SYMBOL	DESCRIPTION	DETAIL
[Symbol]	LIGHT DUTY CONCRETE	8/L7.05
[Symbol]	HEAVY DUTY CONCRETE	10/C7.01
[Symbol]	ADA SPACE CONCRETE	10/C7.01

ROCK		DETAIL
SYMBOL	DESCRIPTION	DETAIL
[Symbol]	GRAVEL	4/C7.01

SURFACE MATERIALS		DETAIL
SYMBOL	DESCRIPTION	DETAIL
[Symbol]	ASPHALT	2/C7.01
[Symbol]	TRAIL ASPHALT	1/L7.01
[Symbol]	WARNING TRACK MATERIAL	2/L7.04

SYNTHETIC SURFACE		DETAIL
SYMBOL	DESCRIPTION	DETAIL
[Symbol]	SYNTHETIC TURF	4-5/L7.06
[Symbol]	REINFORCED TURF	7-9/C7.01

VEHICULAR CIRCULATION		DETAIL
C1	ENTRY DRIVE	2/C7.01
C2	ADA ACCESSIBLE DROP OFF	4/C7.01 & 5/C7.03
C3	FIRE ACCESS DRIVE	10/C7.01
C4	MAINTENANCE AREA	1/C7.06
C5	ACCESSIBLE PARKING	4/C7.03
C6	ACCESSIBLE RAMP	5/C7.03
C7	EXTRUDED CURB	6/C7.01
C8	FLUSH CURB	8/C7.01
C9	REMOVABLE BOLLARD	1/C7.01
C10	WHEEL STOP (TYP)	5/C7.03
C11	STOP SIGN	3/C7.03
C12	STOP BAR	3/C7.03
C13	MOUNTABLE EXTRUDED CURB	7/C7.01
C14	ACCESSIBLE PARKING SIGN	4/C7.03
C15	CURB OPENING	10/C7.02

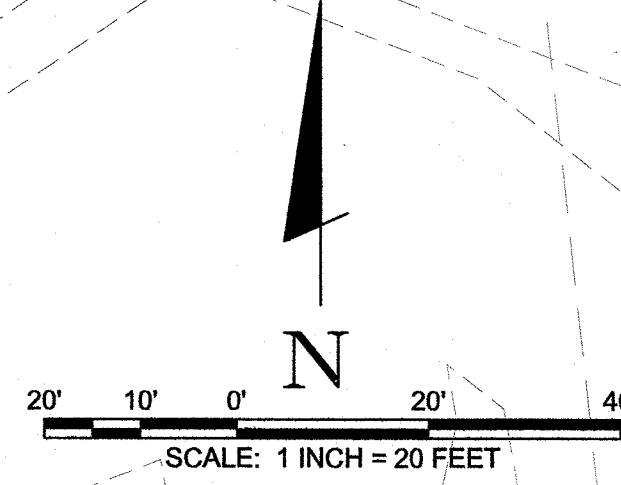
PEDESTRIAN CIRCULATION		DETAIL
P1	PED. WALK	8/L7.05
P2	PED. WALK W/ 6" TURN DOWN CURB	1A/L7.05
P3	PED. WALK FLUSH TURN DOWN CURB	1B/L7.05
P4	TRAIL	6 & 7/L7.05

AMENITIES, STRUCTURES, & WALLS		DETAIL
A1	DUGOUT	1&2/L7.02
A2	SHADE STRUCTURE	1A/L7.01
A3	BATTING CAGES	1A/L7.01
A4	BULLPEN	5/L7.04
A5	SCOREBOARD	1A/L7.01
A6	SEAT WALL	1A/L7.01
A7	ENTRY SIGNAGE FEATURE	1A/L7.01
A8	FLAG POLE	2/L7.05
A9	MATERIAL STORAGE BINS	1, 3 & 6/L7.06
A10	DUMPSTER ENCLOSURE	2, 4 & 5/L7.06
A11	GRILL AREA	NONE
A12	LANDSCAPE PLANTING	NONE

FENCING & GATES		DETAIL
F1	DOUBLE SWING BAR GATE	6/C7.03
F2	CHAIN LINK MAIN GATE (4' WIDE)	1/L7.02
F3	CHAIN LINK GATE (12' WIDE)	3/L7.04
F4	CHAIN LINK OUTFIELD FENCE (6' HT.)	2/L7.04
F5	CHAIN LINK BACK STOP	1, 2, 3 & 4/L7.03

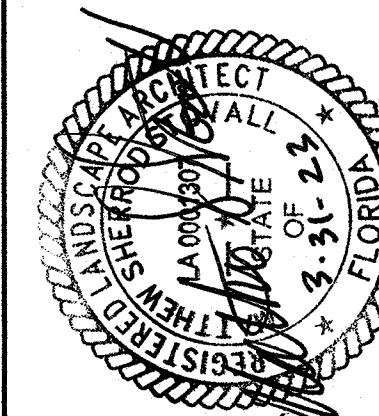
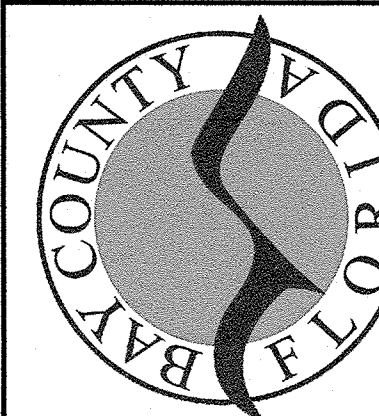
SITE FURNISHINGS		DETAIL
SF1	BENCHES	1A/L7.01 & 5/L7.05
SF2	TABLES AND CHAIRS	1A/L7.01
SF3	TRASH RECEPTACLES	1A/L7.01 & 4/L7.05
SF4	BIKE RACKS	1A/L7.01 & 3/L7.05
SF5	BLEACHERS	1A/L7.01
SF6	SCORER'S TABLE	1A/L7.01

**NOTE:**  
1. SEE SHEET L7.01 AND L7.01A FOR FIELD LAYOUTS.



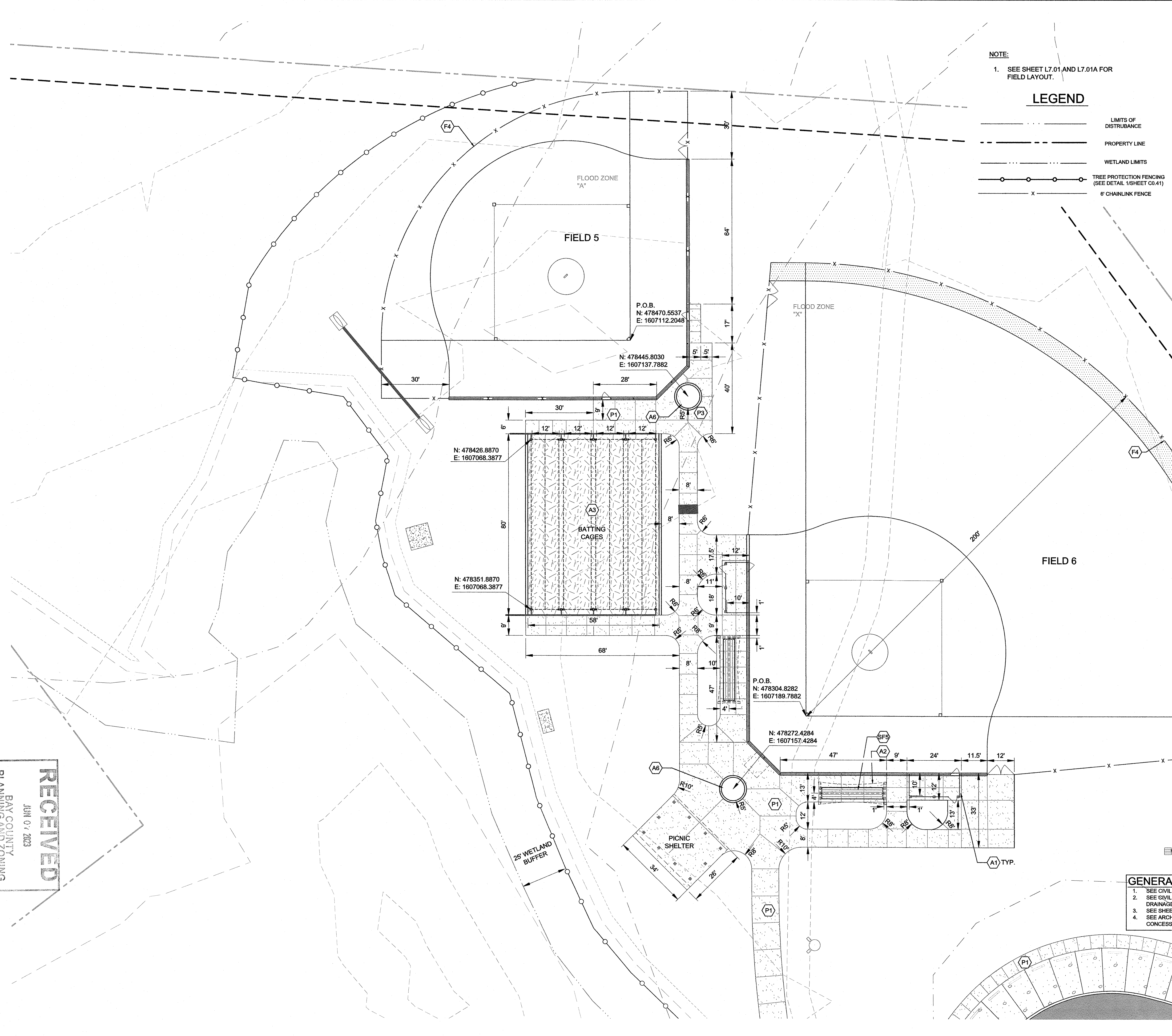
**GENERAL NOTES**  
1. SEE CIVIL LAYOUT SHEETS FOR OVERALL LAYOUT.  
2. SEE CIVIL GRADING AND DRAINAGE SHEETS FOR DRAINAGE PIPE INFO.  
3. SEE SHEET L7.01 FOR FIELD LAYOUT.  
4. SEE ARCHITECTURAL FOR DUGOUTS, CONCESSIONS/RESTROOM BLDG. AND PICNIC SHELTER.

**RECEIVED**  
BAY COUNTY  
PLANNING AND ZONING  
JUN 07 2023



**PLAZA LAYOUT PLAN**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

REV.	DR.	CHK.	DATE	DESCRIPTION
A	JAL	MSS	05/10/2022	80% REVIEW
B	JAL	MSS	07/07/2022	90% REVIEW
C	JAL	MSS	08/25/2022	ISSUED FOR PERMIT
D	JAL	MSS	10/20/2022	ISSUED FOR PERMIT
E	JAL	MSS	10/26/2022	REVIEW PER COUNTY COMMENTS



**NOTE:**  
1. SEE SHEET L7.01 AND L7.01A FOR FIELD LAYOUT.

**LEGEND**

(Symbol)	LIMITS OF DISTURBANCE
(Symbol)	PROPERTY LINE
(Symbol)	WETLAND LIMITS
(Symbol)	TREE PROTECTION FENCING (SEE DETAIL 1/SHEET C0.41)
(Symbol)	6" CHAINLINK FENCE

SYMBOL	DESCRIPTION	DETAIL
(Symbol)	03 CONCRETE	
(Symbol)	LIGHT DUTY CONCRETE	8/L7.05
(Symbol)	HEAVY DUTY CONCRETE	10/C7.01
(Symbol)	ADA SPACE CONCRETE	10/C7.01
(Symbol)	ROCK	
(Symbol)	GRAVEL	4/C7.01
(Symbol)	ASPHALT	2/C7.01
(Symbol)	TRAIL ASPHALT	1/L7.01
(Symbol)	WARNING TRACK MATERIAL	2/L7.04
(Symbol)	SYNTHETIC TURF	4-5/L7.06
(Symbol)	REINFORCED TURF	7-9/C7.01

SYMBOL	DESCRIPTION	DETAIL
(Symbol)	ENTRY DRIVE	2/C7.01
(Symbol)	ADA ACCESSIBLE DROP OFF	4/C7.01 & 5/C7.03
(Symbol)	FIRE ACCESS DRIVE	10/C7.01
(Symbol)	MAINTENANCE AREA	1/C7.06
(Symbol)	ACCESSIBLE PARKING	4/C7.03
(Symbol)	ACCESSIBLE RAMP	5/C7.03
(Symbol)	EXTRUDED CURB	6/C7.01
(Symbol)	FLUSH CURB	8/C7.01
(Symbol)	REMOVABLE BOLLARD	1/C7.01
(Symbol)	WHEEL STOP (TYP)	5/C7.03
(Symbol)	STOP SIGN	3/C7.03
(Symbol)	STOP BAR	3/C7.03
(Symbol)	MOUNTABLE EXTRUDED CURB	7/C7.01
(Symbol)	ACCESSIBLE PARKING SIGN	4/C7.03
(Symbol)	CURB OPENING	10/C7.02

SYMBOL	DESCRIPTION	DETAIL
(Symbol)	PED. WALK	8/L7.05
(Symbol)	PED. WALK W/ 6" TURN DOWN CURB	1A/L7.05
(Symbol)	PED. WALK FLUSH TURN DOWN CURB	1B/L7.05
(Symbol)	TRAIL	6 & 7/L7.05
(Symbol)	AMENITIES, STRUCTURES, & WALLS	
(Symbol)	DUGOUT	1&2/L7.02
(Symbol)	SHADE STRUCTURE	1A/L7.01
(Symbol)	BATTING CAGES	1A/L7.01
(Symbol)	BULLPEN	5/L7.04
(Symbol)	SCOREBOARD	1A/L7.01
(Symbol)	SEAT WALL	1A/L7.01
(Symbol)	ENTRY SIGNAGE FEATURE	1A/L7.01
(Symbol)	FLAG POLE	2/L7.05
(Symbol)	MATERIAL STORAGE BINS	1, 3 & 6/L7.06
(Symbol)	DUMPSTER ENCLOSURE	2, 4 & 5/L7.06
(Symbol)	GRILL AREA	NONE
(Symbol)	LANDSCAPE PLANTING	NONE

SYMBOL	DESCRIPTION	DETAIL
(Symbol)	DOUBLE SWING BAR GATE	6/C7.03
(Symbol)	CHAIN LINK MAIN GATE (4' WIDE)	1/L7.02
(Symbol)	CHAIN LINK GATE (12' WIDE)	3/L7.04
(Symbol)	CHAIN LINK OUTFIELD FENCE (6' HT.)	2/L7.04
(Symbol)	CHAIN LINK BACK STOP	1, 2, 3 & 4/L7.03
(Symbol)	BENCHES	1A/L7.01 & 5/L7.05
(Symbol)	TABLES AND CHAIRS	1A/L7.01
(Symbol)	TRASH RECEPTACLES	1A/L7.01 & 4/L7.05
(Symbol)	BIKE RACKS	1A/L7.01 & 3/L7.05
(Symbol)	BLEACHERS	1A/L7.01
(Symbol)	SCORER'S TABLE	1A/L7.01

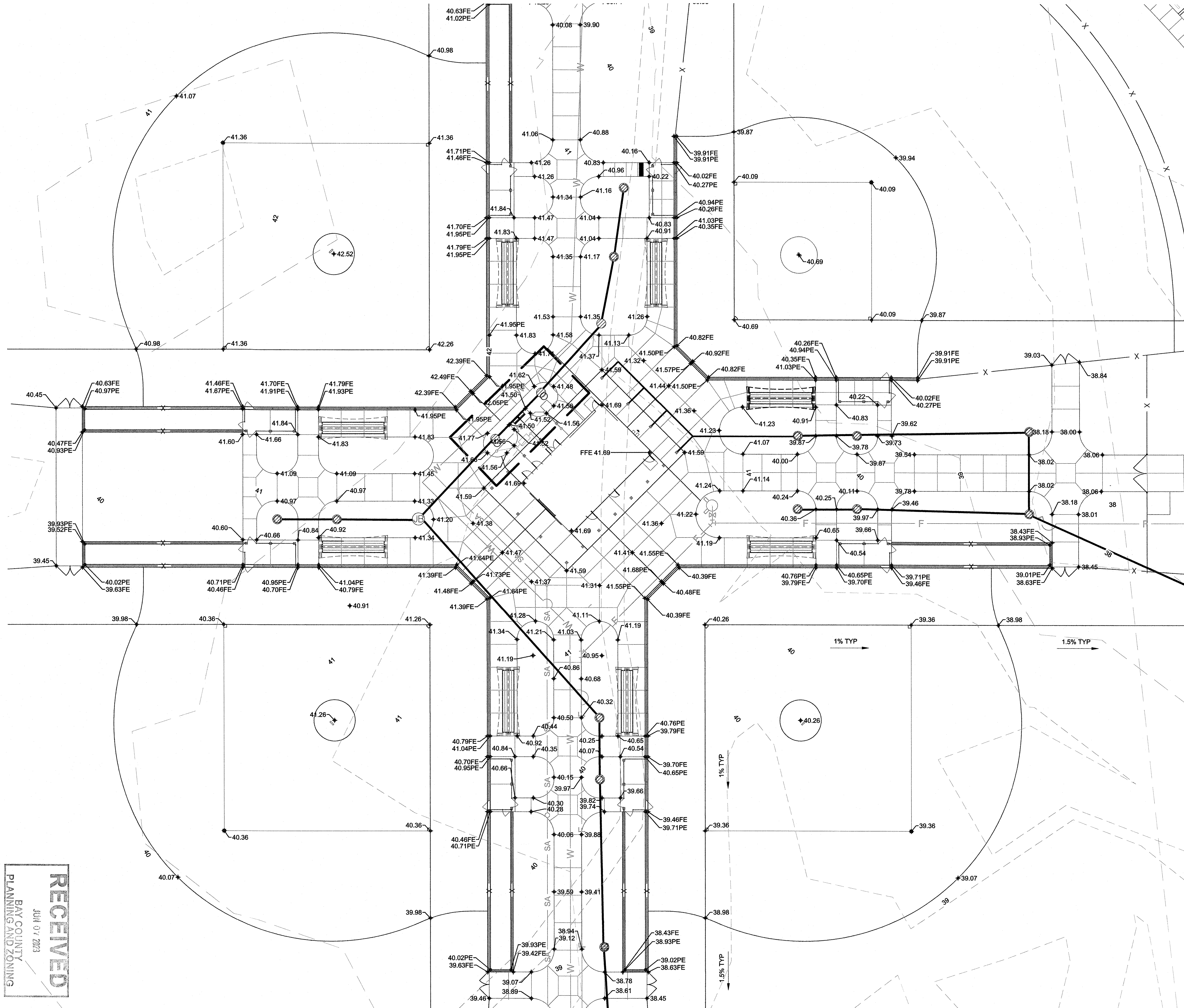
**GENERAL NOTES**  
1. SEE CIVIL LAYOUT SHEETS FOR OVERALL LAYOUT.  
2. SEE CIVIL GRADING AND DRAINAGE SHEETS FOR DRAINAGE PIPE INFO.  
3. SEE SHEET L7.01 FOR FIELD LAYOUTS.  
4. SEE ARCHITECTURAL FOR DUGOUTS, CONCESSIONS/RESTROOM BLDG. AND PICNIC SHELTER.



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**LEGEND**

- EXISTING CONTOURS
- PROPOSED CONTOURS
- SWALE CENTER LINE
- BIOSWALE (SEE DETAIL 1/SHEET L2.01)
- ⊕XXX.XX SPOT ELEVATION
- ⊕XXX.XXFE FIELD SPOT ELEVATION
- ⊕XXX.XXPE PLAZA SPOT ELEVATION
- ⊕XXX.XXBW BOTTOM OF WALL SPOT ELEVATION
- ⊕XXX.XXTW TOP OF WALL SPOT ELEVATION
- ⊕XXX.XXBC BOTTOM OF CURB SPOT ELEVATION
- ⊕XXX.XXTC TOP OF CURB SPOT ELEVATION
- PROPOSED HDPE STORM PIPE
- PROPOSED CHANNEL DRAIN (SEE DETAIL X/SHEET XX)
- ⊕ CATCH BASIN (SEE DETAIL X/SHEET XX)
- ⊕ YARD INLET (SEE DETAIL X/SHEET XX)
- ⊕ CURB INLET (SEE DETAIL X/SHEET XX)
- ⊕ DROP INLET (SEE DETAIL X/SHEET XX)
- HEADWALL (SEE DETAIL X/SHEET XX)
- DOUBLE HEADWALL (SEE DETAIL X/SHEET XX)

**GENERAL NOTES**

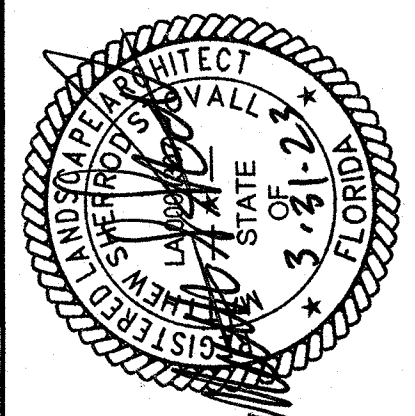
1. SEE CIVIL LAYOUT SHEETS FOR OVERALL LAYOUT.
2. SEE CIVIL GRADING AND DRAINAGE SHEETS FOR DRAINAGE PIPE INFO.
3. SEE SHEET L7.01 FOR FIELD LAYOUT.
4. SEE ARCHITECTURAL FOR DUGOUTS, CONCESSIONS/RESTROOM BLDG. AND PICNIC SHELTER.

N

20' 10' 0' 20'

SCALE: 1 INCH = 20 FEET

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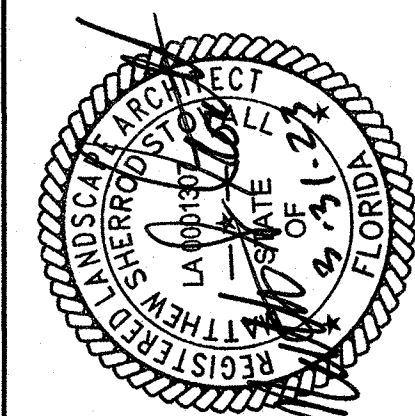
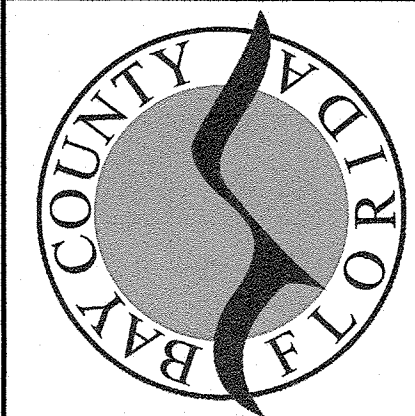
**PLAZA GRADING PLAN**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
 BAY COUNTY, FL

**APPROVED AS NOTED**

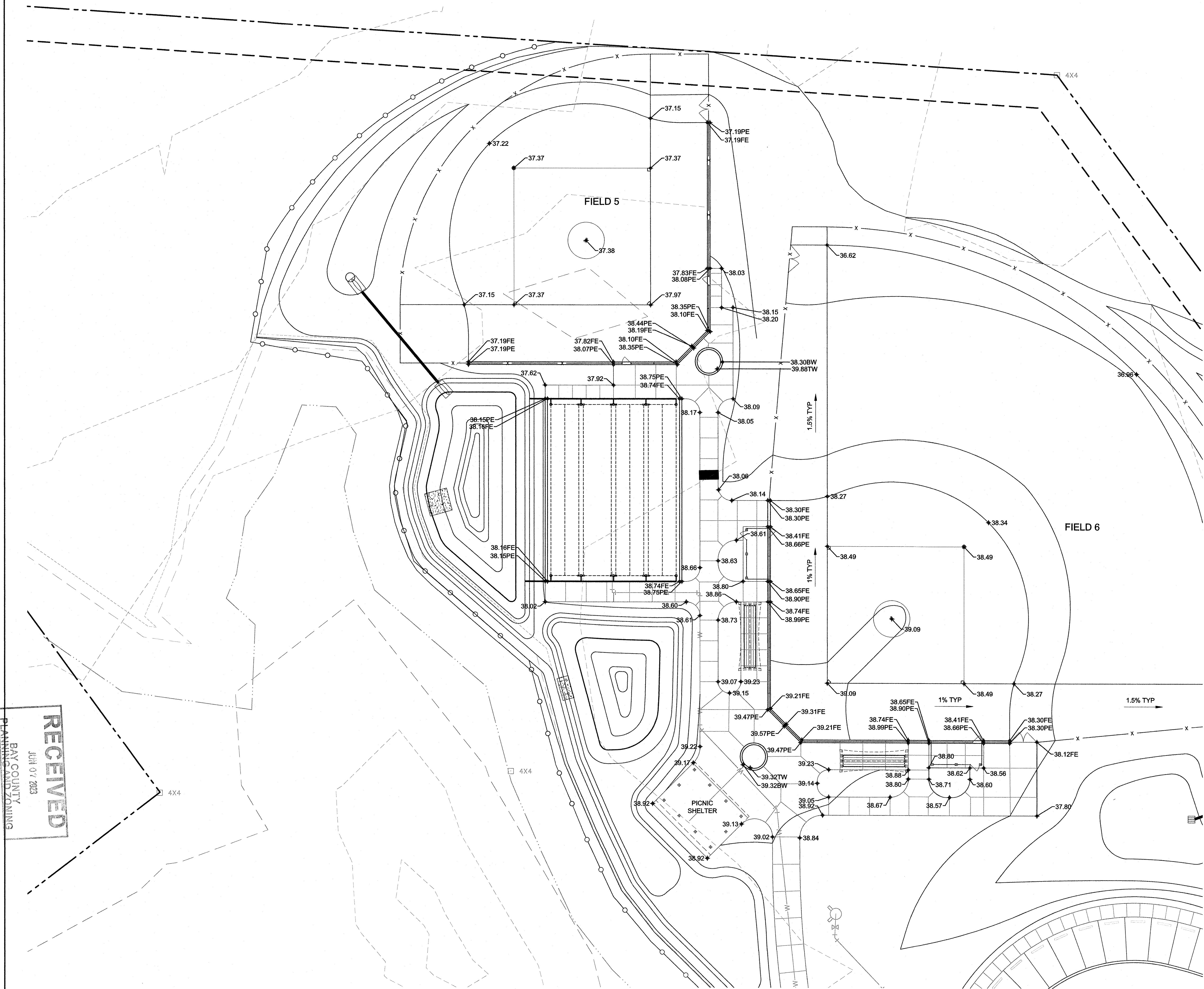
REV.	DR.	CHK.	DATE	DESCRIPTION
A	JAL	MSS	05/10/2022	80% REVIEW
B	JAL	MSS	07/01/2022	50% REVIEW
C	JAL	MSS	12/26/2022	ISSUED FOR PERMIT
D	JAL	MSS	02/24/2023	REVISIONS FOR PERMIT
E	JAL	MSS	02/24/2023	REVISIONS FOR PERMIT COMMENTS

DAVID GILROY, P.E.  
 02/24/2023





**PLAZA GRADING PLAN**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

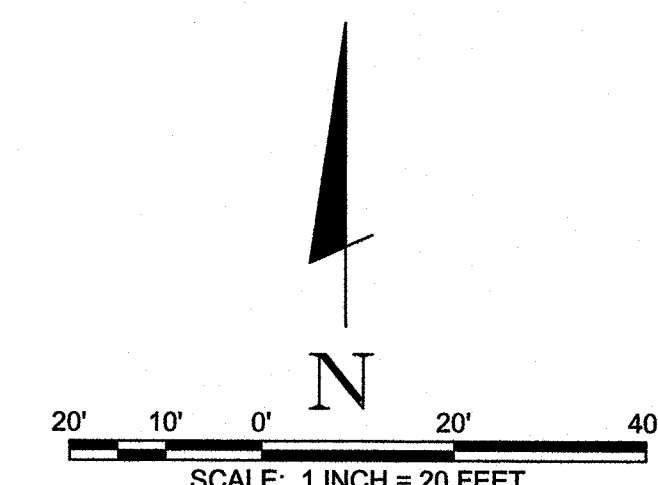


**LEGEND**

- EXISTING CONTOURS
- PROPOSED CONTOURS
- SWALE CENTER LINE
- BIOSWALE (SEE DETAIL 1/SHEET L2.01)
- ⊕XXX.XX SPOT ELEVATION
- ⊕XXX.XXFE FIELD SPOT ELEVATION
- ⊕XXX.XXPE PLAZA SPOT ELEVATION
- ⊕XXX.XXBW BOTTOM OF WALL SPOT ELEVATION
- ⊕XXX.XXTW TOP OF WALL SPOT ELEVATION
- ⊕XXX.XXBC BOTTOM OF CURB SPOT ELEVATION
- ⊕XXX.XXTC TOP OF CURB SPOT ELEVATION
- PROPOSED HDPE STORM PIPE
- PROPOSED CHANNEL DRAIN (SEE DETAIL X/SHEET XX)
- ⊕ CATCH BASIN (SEE DETAIL X/SHEET XX)
- ⊕ YARD INLET (SEE DETAIL X/SHEET XX)
- ⊕ CURB INLET (SEE DETAIL X/SHEET XX)
- ⊕ DROP INLET (SEE DETAIL X/SHEET XX)
- HEADWALL (SEE DETAIL X/SHEET XX)
- DOUBE HEADWALL (SEE DETAIL X/SHEET XX)

**GENERAL NOTES**

1. SEE CIVIL LAYOUT SHEETS FOR OVERALL LAYOUT.
2. SEE CIVIL GRADING AND DRAINAGE SHEETS FOR DRAINAGE PIPE INFO.
3. SEE SHEET L7.01 FOR FIELD LAYOUT.
4. SEE ARCHITECTURAL FOR DUGOUTS, CONCESSIONS/RESTROOM BLDG. AND PICNIC SHELTER.



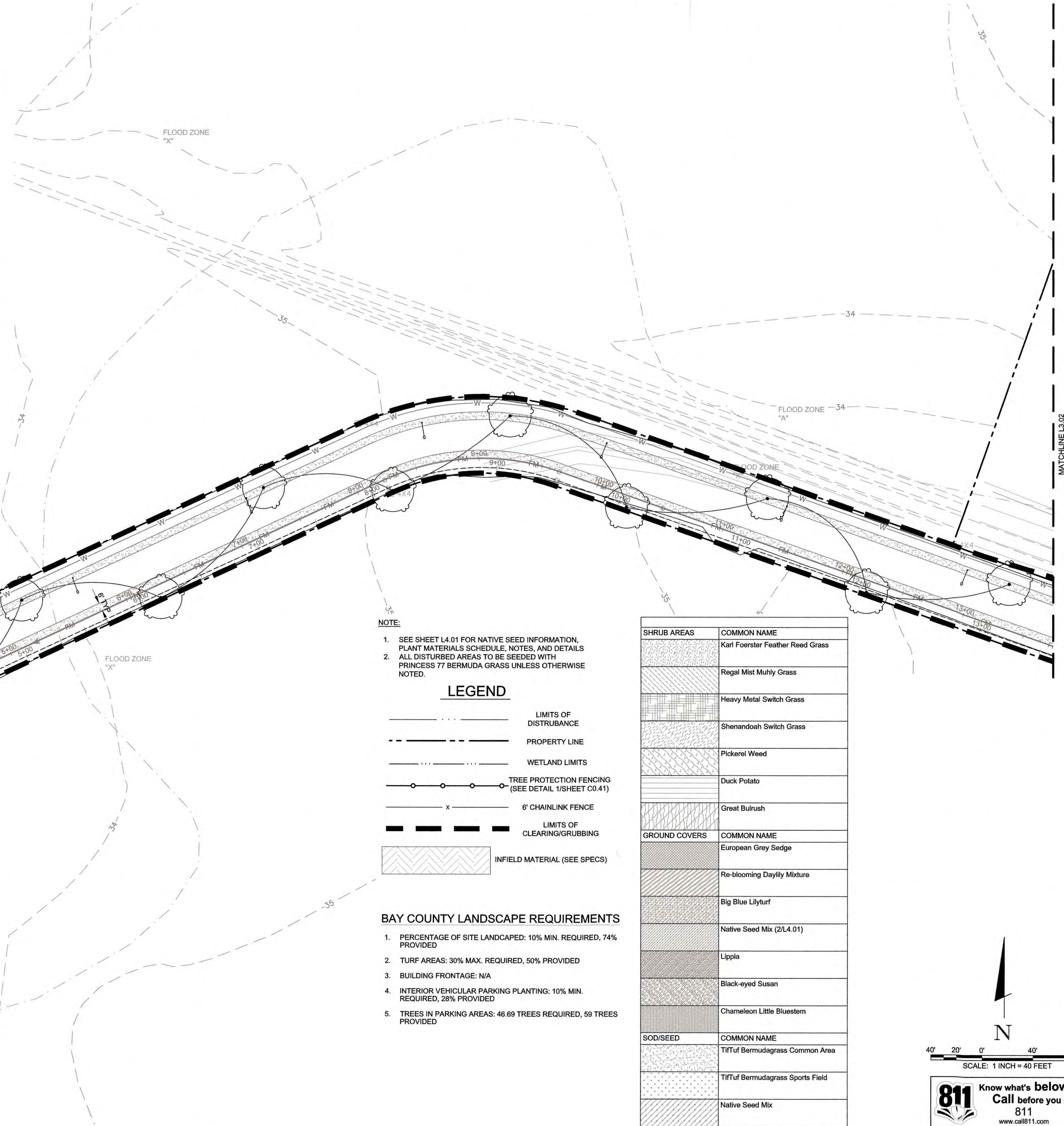
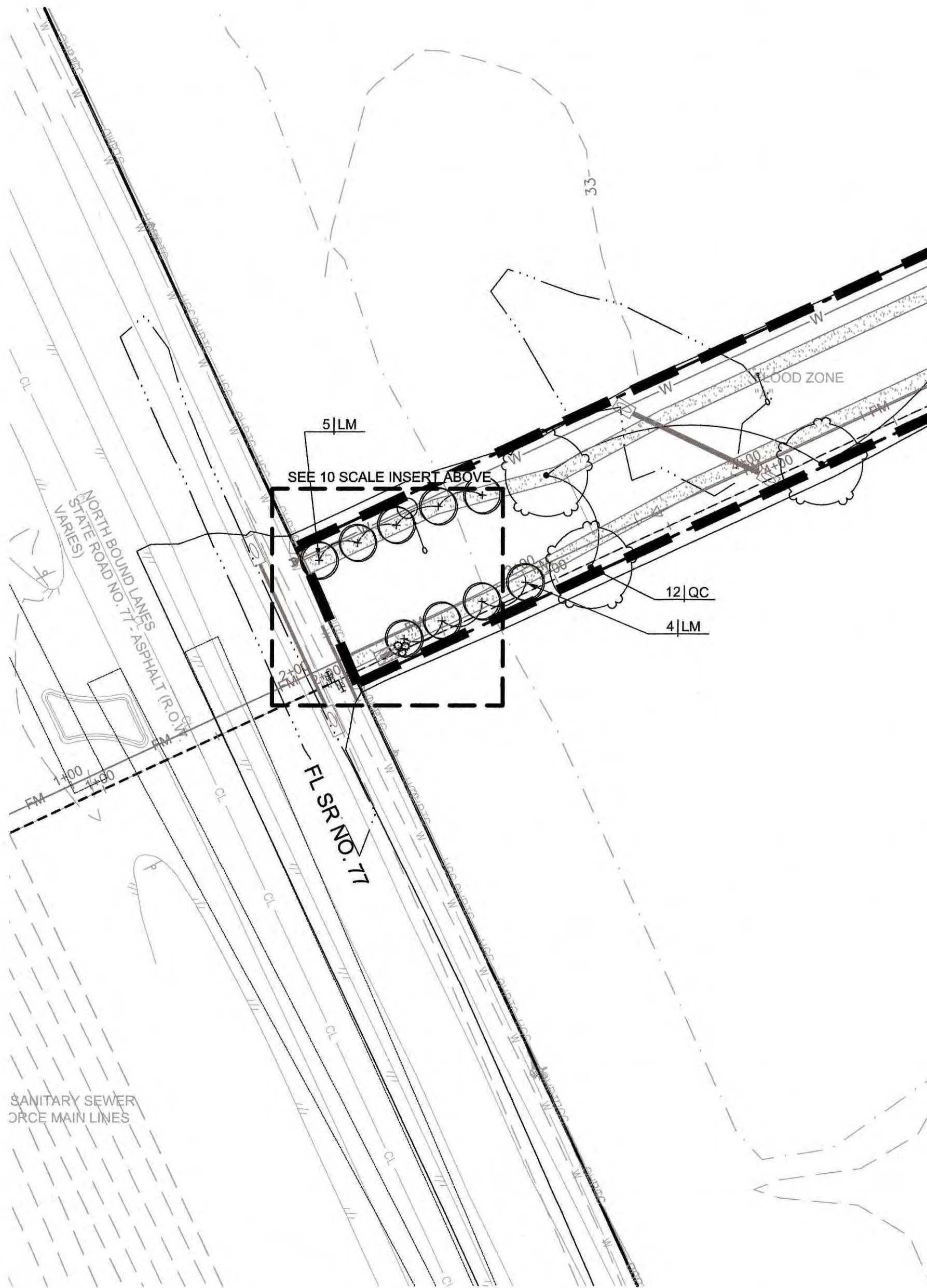
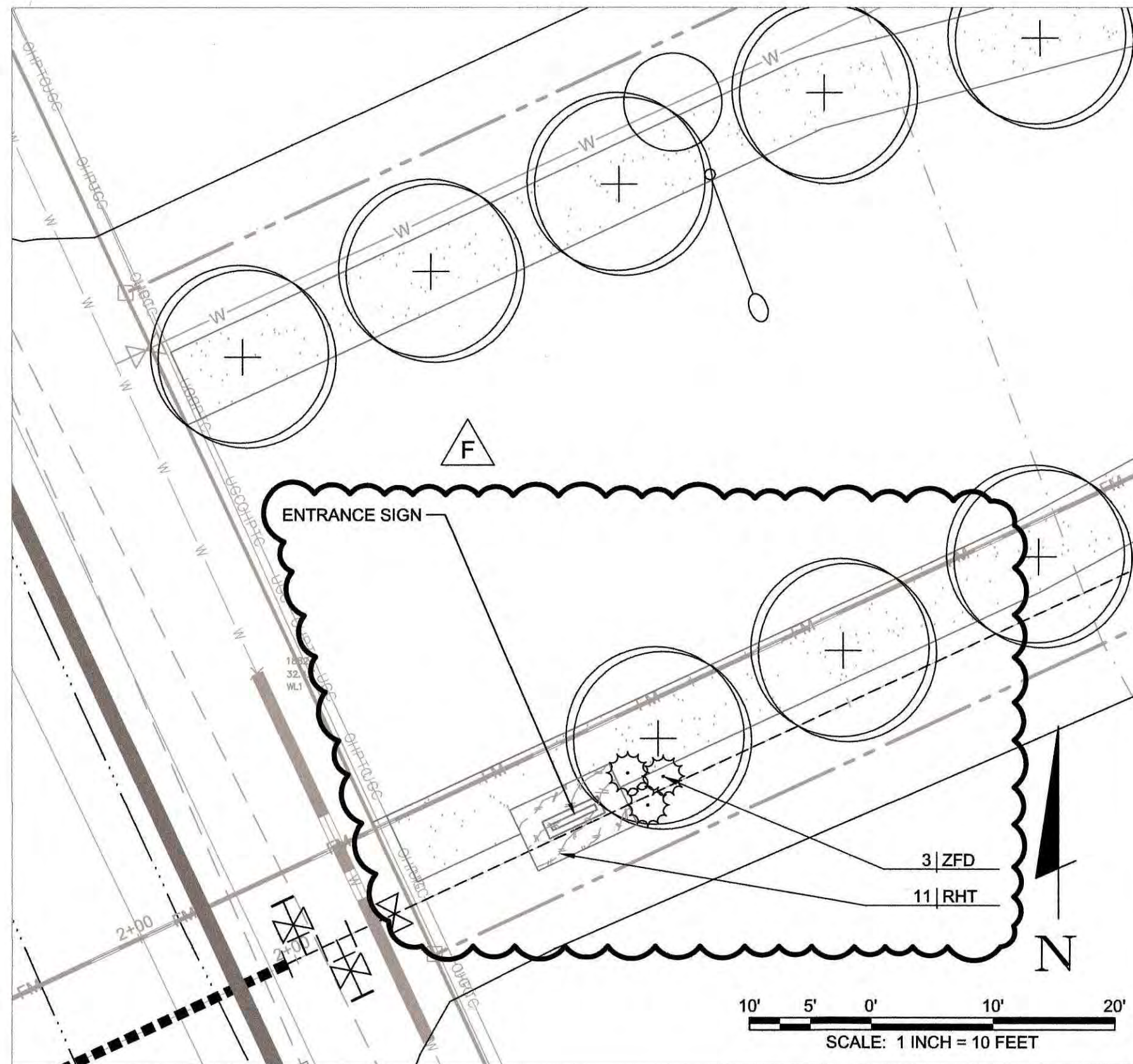
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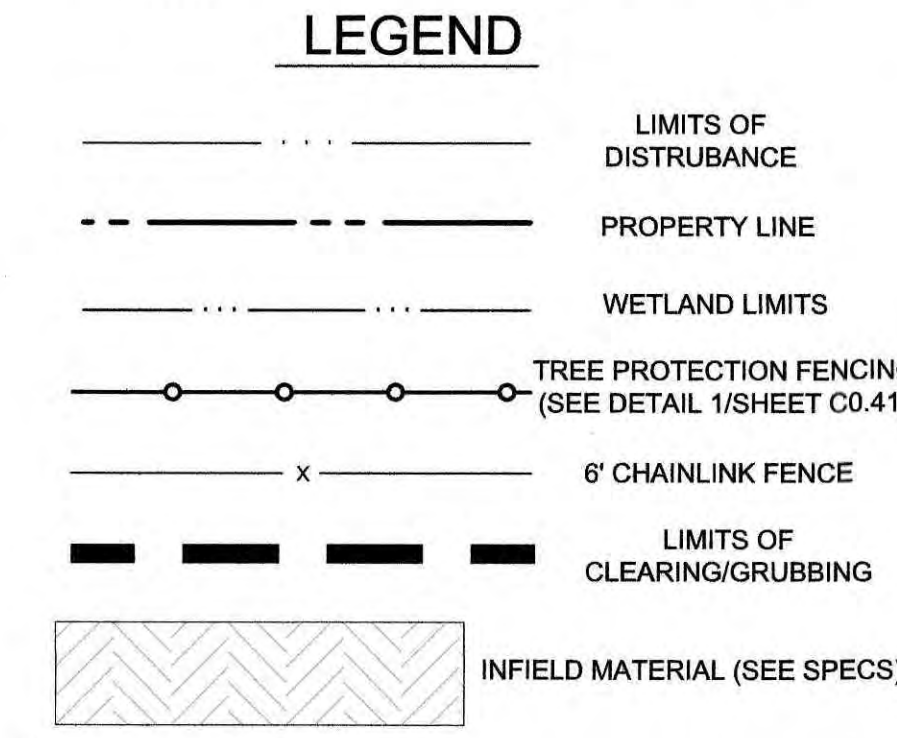
REV	DR	CHK	DATE	DESCRIPTION
A	JAL	MS	05/10/2022	60% REVIEW
B	JAL	MS	07/07/2022	80% REVIEW
C	JAL	MS	12/16/2022	ISSUED FOR PERMIT
D	JAL	MS	03/20/2023	ISSUED FOR PERMIT
E	JAL	MS	03/30/2023	REMOVED PER COUNTY COMMENTS

APPROVED AS NOTED

**L2.02**  
37237-01

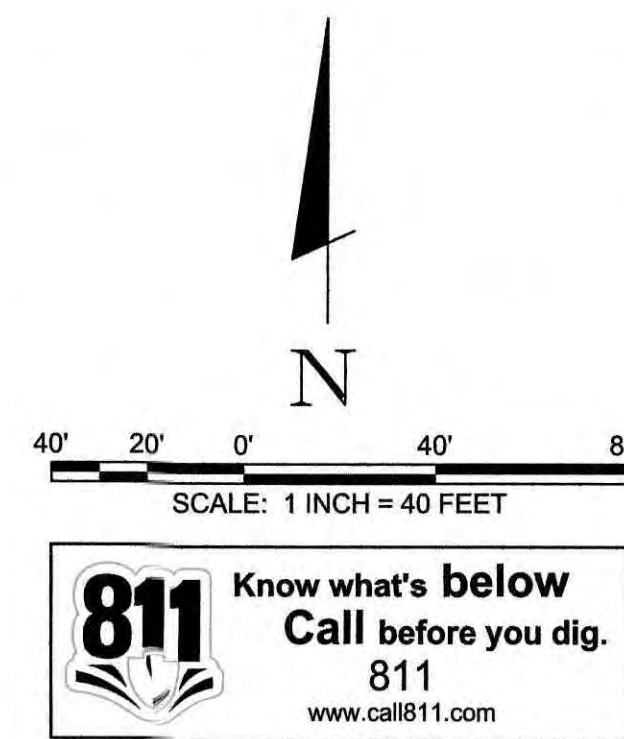


- NOTE:**
- SEE SHEET L4.01 FOR NATIVE SEED INFORMATION, PLANT MATERIALS SCHEDULE, NOTES, AND DETAILS
  - ALL DISTURBED AREAS TO BE SEEDDED WITH PRINCESS 77 BERMUDA GRASS UNLESS OTHERWISE NOTED.



- BAY COUNTY LANDSCAPE REQUIREMENTS**
- PERCENTAGE OF SITE LANDSCAPED: 10% MIN. REQUIRED, 74% PROVIDED
  - TURF AREAS: 30% MAX. REQUIRED, 50% PROVIDED
  - BUILDING FRONTAGE: N/A
  - INTERIOR VEHICULAR PARKING PLANTING: 10% MIN. REQUIRED, 28% PROVIDED
  - TREES IN PARKING AREAS: 46.69 TREES REQUIRED, 59 TREES PROVIDED

SHRUB AREAS	COMMON NAME
[Pattern]	Karl Foerster Feather Reed Grass
[Pattern]	Regal Mist Muhly Grass
[Pattern]	Heavy Metal Switch Grass
[Pattern]	Shenandoah Switch Grass
[Pattern]	Pickeral Weed
[Pattern]	Duck Potato
[Pattern]	Great Bulrush
GROUND COVERS	COMMON NAME
[Pattern]	European Grey Sedge
[Pattern]	Re-blooming Daylily Mixture
[Pattern]	Big Blue Lilyturf
[Pattern]	Native Seed Mix (2/L4.01)
[Pattern]	Lippia
[Pattern]	Black-eyed Susan
[Pattern]	Chameleon Little Bluestem
SOD/SEED	COMMON NAME
[Pattern]	TiTuF Bermudagrass Common Area
[Pattern]	TiTuF Bermudagrass Sports Field
[Pattern]	Native Seed Mix



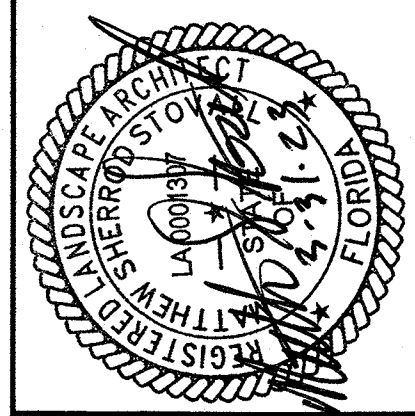
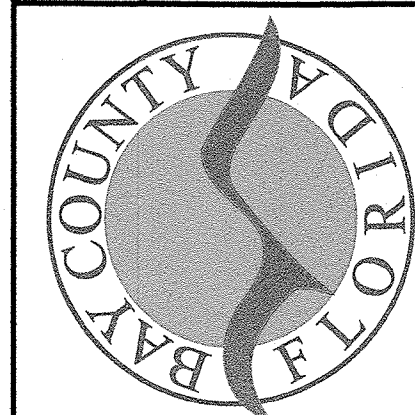
**BARGE DESIGN SOLUTIONS**  
640 Harrison Avenue, Suite 105, Panama City, Florida 32401  
PHONE: (850) 298-8172

**SITE LANDSCAPE PLAN**  
**SITE IMPROVEMENTS FOR SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

REV.	CHK.	DATE	DESCRIPTION
A	JAL	05/10/2022	60% REVIEW
B	JAL	07/07/2022	85% REVIEW
C	JAL	11/16/2022	ISSUED FOR PERMIT
D	JAL	12/19/2022	ISSUED FOR PERMIT
E	JAL	03/30/2023	REVISED PER COUNTY COMMENTS
F	JAL	06/07/2023	REVISED PER FOOT COMMENTS

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**L3.01**

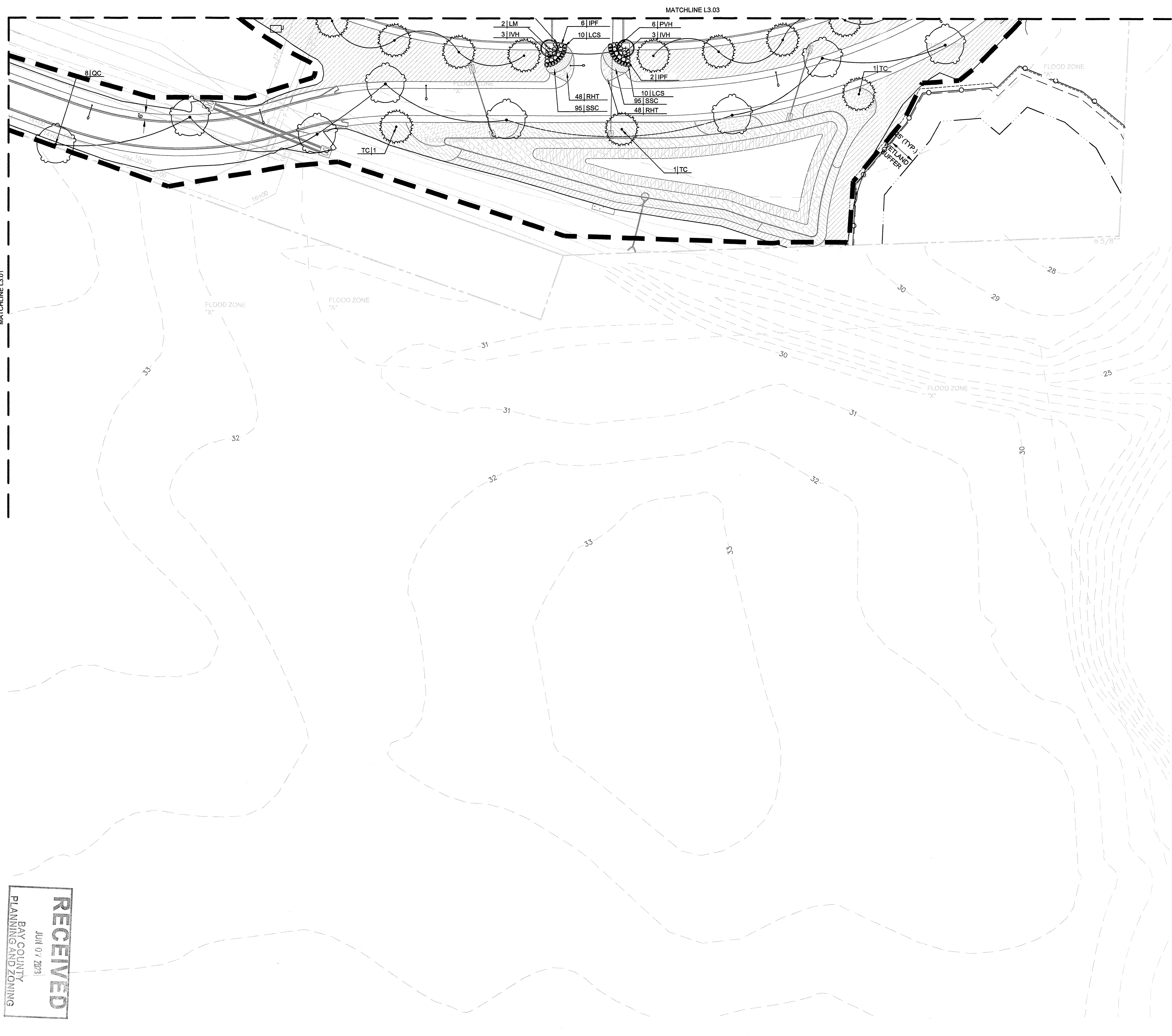


**SITE LANDSCAPE PLAN**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

REV	DATE	DESCRIPTION
1	06/10/2022	ISSUED FOR PERMIT
2	07/01/2022	80% REVIEW
3	08/25/2022	ISSUED FOR PERMIT
4	09/29/2022	80% REVIEW
5	10/03/2022	ISSUED FOR PERMIT
6	10/03/2022	80% REVIEW

APPROVED AS NOTED

**L3.02**



**NOTE:**

- SEE SHEET L4.01 FOR NATIVE SEED INFORMATION, PLANT MATERIALS SCHEDULE, NOTES, AND DETAILS
- ALL DISTURBED AREAS TO BE SEEDED WITH PRINCESS 77 BERMUDA GRASS UNLESS OTHERWISE NOTED.

**LEGEND**

- LIMITS OF DISTURBANCE
- PROPERTY LINE
- WETLAND LIMITS
- TREE PROTECTION FENCING (SEE DETAIL 1/SHEET C0.41)
- 6' CHAINLINK FENCE
- LIMITS OF CLEARING/GRUBBING
- INFIELD MATERIAL (SEE SPECS)

SHRUB AREAS	COMMON NAME
	Karl Foerster Feather Reed Grass
	Regal Mist Muhly Grass
	Heavy Metal Switch Grass
	Shenandoah Switch Grass
	Pickerei Weed
	Duck Potato
	Great Bulrush
GROUND COVERS	COMMON NAME
	European Grey Sedge
	Re-blooming Daylily Mixture
	Big Blue Lilyturf
	Native Seed Mix (2/L4.01)
	Lippia
	Black-eyed Susan
	Chameleon Little Bluestem
SOD/SEED	COMMON NAME
	TifTuf Bermudagrass Common Area
	TifTuf Bermudagrass Sports Field
	Native Seed Mix

**BAY COUNTY LANDSCAPE REQUIREMENTS**

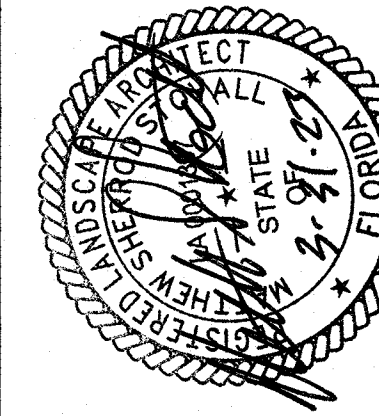
- PERCENTAGE OF SITE LANDSCAPED: 10% MIN. REQUIRED, 74% PROVIDED
- TURF AREAS: 30% MAX. REQUIRED, 50% PROVIDED
- BUILDING FRONTAGE: N/A
- INTERIOR VEHICULAR PARKING PLANTING: 10% MIN. REQUIRED, 28% PROVIDED
- TREES IN PARKING AREAS: 46.69 TREES REQUIRED, 59 TREES PROVIDED

Scale: 1 INCH = 40 FEET

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**SITE LANDSCAPE PLAN**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

- NOTE:**
- SEE SHEET L7.01 AND L7.01A FOR FIELD LAYOUT.
  - SEE SHEET L4.01 FOR NATIVE SEED INFORMATION, PLANT MATERIALS SCHEDULE, NOTES, AND DETAILS.
  - ALL DISTURBED AREAS TO BE SEEDDED WITH PRINCESS 77 BERMUDA GRASS UNLESS OTHERWISE NOTED.

**LEGEND**

	LIMITS OF DISTURBANCE
	PROPERTY LINE
	WETLAND LIMITS
	TREE PROTECTION FENCING (SEE DETAIL 1/SHEET C0.41)
	6' CHAINLINK FENCE
	LIMITS OF CLEARING/GRUBBING
	INFIELD MATERIAL (SEE SPECS)

SHRUB AREAS	COMMON NAME
	Karl Foerster Feather Reed Grass
	Regal Mist Muhly Grass
	Heavy Metal Switch Grass
	Shenandoah Switch Grass
	Pickeral Weed
	Duck Potato
	Great Bulrush
GROUND COVERS	COMMON NAME
	European Grey Sedge
	Re-blooming Daylily Mixture
	Big Blue Lilyturf
	Native Seed Mix (2/L4.01)
	Lippia
	Black-eyed Susan
	Chameleon Little Bluestem
SOD/SEED	COMMON NAME
	TifTuf Bermudagrass Common Area
	TifTuf Bermudagrass Sports Field
	Native Seed Mix

- BAY COUNTY LANDSCAPE REQUIREMENTS**
- PERCENTAGE OF SITE LANDSCAPED: 10% MIN. REQUIRED, 74% PROVIDED
  - TURF AREAS: 30% MAX. REQUIRED, 50% PROVIDED
  - BUILDING FRONTAGE: N/A
  - INTERIOR VEHICULAR PARKING PLANTING: 10% MIN. REQUIRED, 28% PROVIDED
  - TREES IN PARKING AREAS: 46.69 TREES REQUIRED, 59 TREES PROVIDED

Scale: 1 INCH = 40 FEET

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**ADDITIVE ALTERNATE NO. 1 AREA**  
SEE BASE BID/ ALTERNATE DESCRIPTIONS SHEET C2.04.

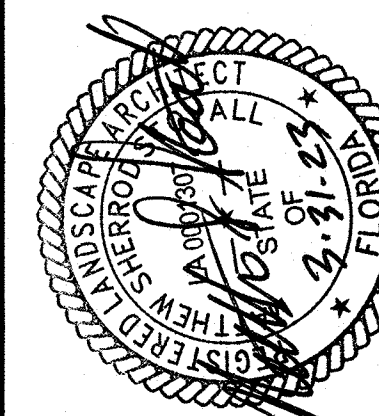
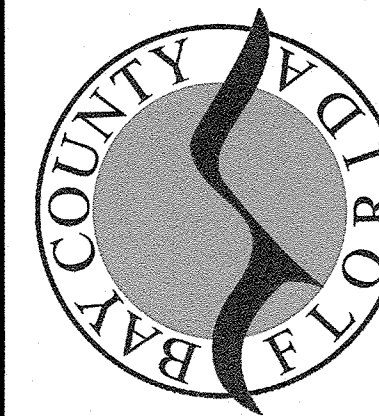
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REV.	CHK.	DATE	DESCRIPTION
A	JAL	05/10/2022	60% REVIEW
B	JAL	07/07/2022	100% REVIEW
C	JAL	12/19/2022	ISSUED FOR PERMIT
E	JAL	03/20/2023	REVISED PER COUNTY COMMENTS

APPROVED

MICHAEL J. BORGE  
Professional Engineer  
FLORIDA  
12512

**L3.04**



**DETAILED LANDSCAPE PLAN**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

REV.	DR.	CHK.	DATE	DESCRIPTION
A	JAL	NSS	05/10/2022	05% REVIEW
B	JAL	NSS	07/01/2022	05% REVIEW
C	JAL	NSS	12/16/2022	ISSUED FOR PERMIT
E	JAL	NSS	08/02/2023	REVISED PER COUNTY COMMENTS

APPROVED AS NOTED

**L3.05**  
37237-01

- NOTE:**
- SEE SHEET L7.01 AND L7.01A FOR FIELD LAYOUT.
  - SEE SHEET L4.01 FOR NATIVE SEED INFORMATION, PLANT MATERIALS SCHEDULE, NOTES, AND DETAILS
  - ALL DISTURBED AREAS TO BE SEEDDED WITH PRINCESS 77 BERMUDA GRASS UNLESS OTHERWISE NOTED.

**LEGEND**

- LIMITS OF DISTURBANCE
- - - - - PROPERTY LINE
- WETLAND LIMITS
- TREE PROTECTION FENCING (SEE DETAIL 1/SHEET C0.41)
- x - 6' CHAINLINK FENCE
- - - - - LIMITS OF CLEARING/GRUBBING
- [Hatched Box] INFIELD MATERIAL (SEE SPECS)

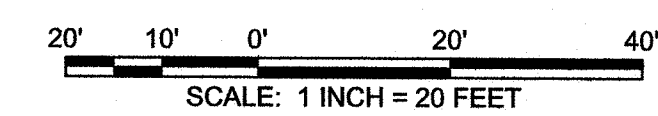
SHRUB AREAS	COMMON NAME
[Pattern]	Karl Foerster Feather Reed Grass
[Pattern]	Regal Mist Muhly Grass
[Pattern]	Heavy Metal Switch Grass
[Pattern]	Shenandoah Switch Grass
[Pattern]	Pickereel Weed
[Pattern]	Duck Potato
[Pattern]	Great Bulrush
GROUND COVERS	COMMON NAME
[Pattern]	European Grey Sedge
[Pattern]	Re-blooming Daylily Mixture
[Pattern]	Big Blue Lilyturf
[Pattern]	Native Seed Mix (2/L4.01)
[Pattern]	Lippia
[Pattern]	Black-eyed Susan
[Pattern]	Chameleon Little Bluestem
SOD/SEED	COMMON NAME
[Pattern]	Tiftuf Bermudagrass Common Area
[Pattern]	Tiftuf Bermudagrass Sports Field
[Pattern]	Native Seed Mix

**BAY COUNTY LANDSCAPE REQUIREMENTS**

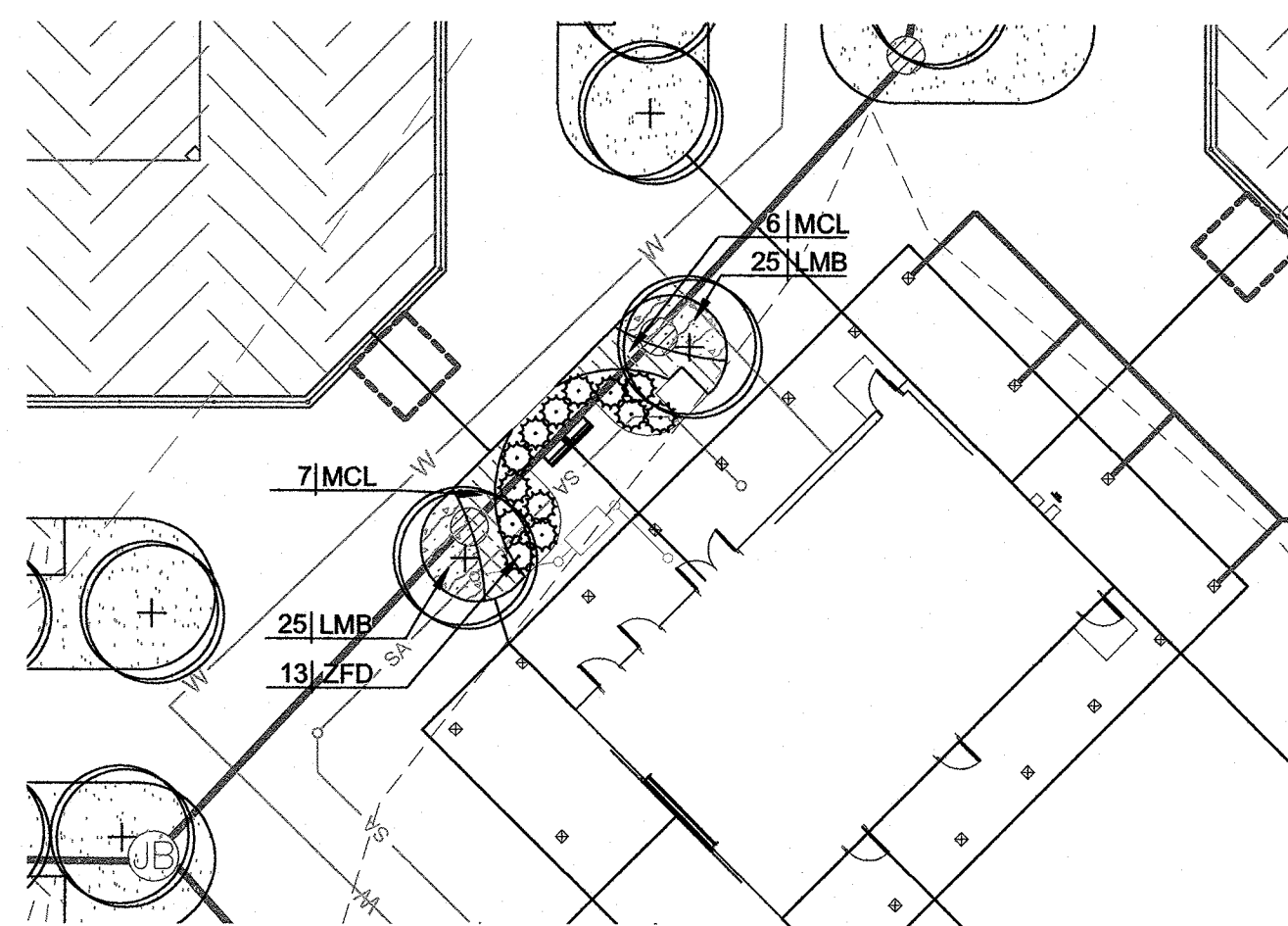
- PERCENTAGE OF SITE LANDSCAPED: 10% MIN. REQUIRED, 74% PROVIDED
- TURF AREAS: 30% MAX. REQUIRED, 50% PROVIDED
- BUILDING FRONTAGE: N/A
- INTERIOR VEHICULAR PARKING PLANTING: 10% MIN. REQUIRED, 28% PROVIDED
- TREES IN PARKING AREAS: 46.69 TREES REQUIRED, 59 TREES PROVIDED

**GENERAL NOTES**

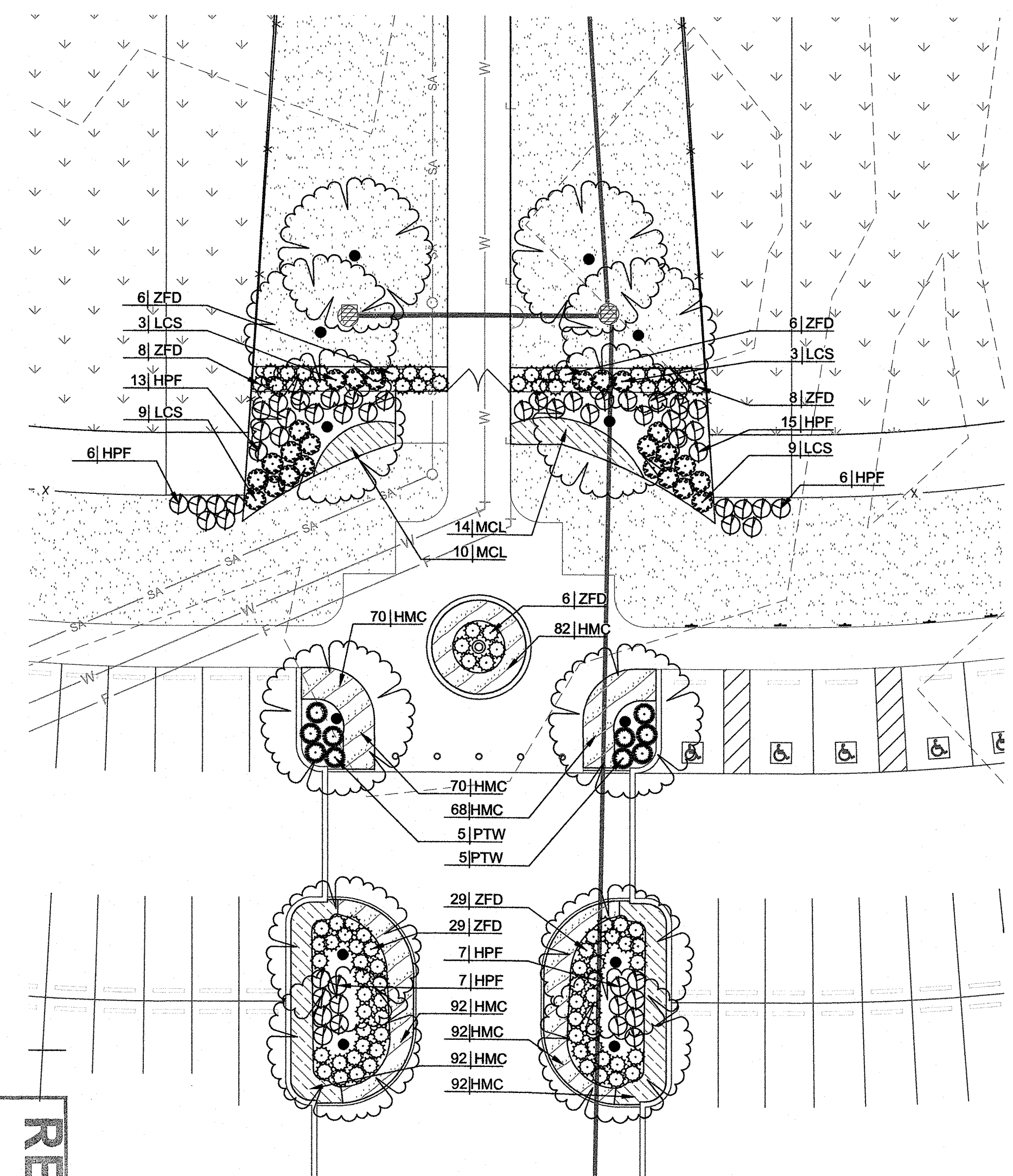
- SEE CIVIL LAYOUT SHEETS FOR OVERALL LAYOUT.
- SEE SHEET L7.01 FOR FIELD LAYOUT.
- SEE ARCHITECTURAL FOR CONCESSIONS/RESTROOM BLDG. AND PICNIC SHELTER.



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**1 PLAZA GREEN SPACE PLANTING PLAN**  
L3.05 1"= 20'-0"



**2 FIELD ENTRANCE PLANTING PLAN**  
L3.05 1"= 20'-0"

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**GENERAL NOTES**

- PRIOR TO THE START OF WORK, THE LANDSCAPE CONTRACTOR SHALL ASCERTAIN THE LOCATION OF ALL SURFACE AND UNDERGROUND UTILITIES, ETC., AND SHALL TAKE PROPER PRECAUTIONS TO PREVENT DAMAGE TO SUCH IMPROVEMENTS. IN THE EVENT ANY UTILITIES ARE UNCOVERED, THE LANDSCAPE CONTRACTOR SHALL PROMPTLY NOTIFY THE LANDSCAPE ARCHITECT. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION AND TO REPAIR ANY DAMAGE WHICH SHOULD OCCUR TO THE SATISFACTION OF THE OWNER.
- EXAMINE SUBGRADE UPON WHICH WORK IS TO BE PERFORMED. VERIFY SUBGRADE ELEVATIONS, OBSERVE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED, AND PROVIDE PERCOLATION TESTS AND ALL OTHER TESTS NECESSARY TO ASCERTAIN THAT ADEQUATE GROWING CONDITIONS WILL BE PROVIDED FOR PLANTS. IF PERCOLATION TESTS OR SUBSOIL CONDITIONS INDICATE RETENTION OF WATER IN PLANTING AREAS, AS SHOWN BY SEEPAGE OR OTHER EVIDENCE INDICATING PRESENCE OF UNDERGROUND WATER, NOTIFY LANDSCAPE ARCHITECT IN WRITING OF THIS FACT OR OTHER UNSATISFACTORY CONDITIONS BEFORE BACKFILLING. A CHANGE ORDER MAY BE ISSUED TO DIRECT INSTALLATION OF DRAIN TILE OR OTHER MEASURES BEYOND DRAINAGE REQUIREMENTS INDICATED. DO NOT PROCEED WITH THE WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. COMMENCEMENT OF PLANTING WORK INDICATES THAT SITE CONDITIONS HAVE BEEN ACCEPTED "AS IS" BY THE CONTRACTOR.
- NO PARKING, STORAGE, STOCKPILING, CONCRETE WASHOUT, OR DISTURBANCE WITHIN TREE SAVE AREAS.
- PROTECT EXISTING GRASS AREAS, TREES, AND OTHER VEGETATION TO REMAIN.
- DAMAGE BY CONTRACTOR TO UNDISTURBED AREAS OUTSIDE THE LIMITS OF CONSTRUCTION SHALL BE REPAIRED BY CONTRACTOR TO THE SATISFACTION OF THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LANDSCAPE QUANTITY CALCULATIONS AND THE LIABILITY WHICH PERTAINS TO THOSE QUANTITIES AND ANY RELATED CONTRACT DOCUMENTS AND/OR PRICE QUOTATIONS. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR PROVIDING PLANT QUANTITIES REQUIRED TO COVER SPECIFIED AREAS AT THE DESIGNATED SPACING.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR CONDUCTING SITE INSPECTION PRIOR TO BIDDING WORK, TO DETERMINE SITE CONDITIONS AND AREAS TO BE PLANTED. SUBMISSION OF BID INDICATES LANDSCAPE CONTRACTOR HAS VERIFIED SITE CONDITIONS AND PLANT MATERIAL QUANTITIES.
- PRIOR TO PLANTING, THE LANDSCAPE CONTRACTOR IS TO OBTAIN SOIL TESTS FOR ALL PLANTING AREAS TO DETERMINE IF THE PROPER SOIL CHEMISTRY AND pH IS PRESENT. RESULTS FROM THESE TESTS ARE TO BE SENT TO THE LANDSCAPE ARCHITECT. IF THE TEST INDICATES IMPROPER SOIL CHEMISTRY AND/OR pH, THEN THE LANDSCAPE CONTRACTOR IS TO AMEND THE SOIL TO PROVIDE THE PROPER SOIL CHEMISTRY AND pH.
- SUBSTANTIAL COMPLETION: WILL BE PROVIDED AFTER THE CONTRACTOR HAS SATISFACTORILY COMPLETED WORK REQUIREMENTS AS SPECIFIED. THE LANDSCAPE ARCHITECT WILL CONDUCT A SUBSTANTIAL COMPLETION INSPECTION AND PROVIDE A PUNCH LIST OF OBSERVED DEFICIENCIES.
- FINAL ACCEPTANCE: THE LANDSCAPE ARCHITECT WILL PROVIDE THE FINAL INSPECTION AFTER THE CONTRACTOR HAS SATISFACTORILY CORRECTED THE DEFICIENCIES ON THE SUBSTANTIAL COMPLETION PUNCH LIST. SHOULD THE LANDSCAPE ARCHITECT INSPECTION FIND WORK INCOMPLETE, THE CONTRACTOR SHALL REMEDY THE DEFICIENCIES.
- AFTER FINAL ACCEPTANCE AND PRIOR TO END OF WARRANTY PERIOD, CONTRACTOR SHALL REPLACE ALL PLANT MATERIAL THAT HAS DIED OR HAS DEFECTS, INCLUDING UNSATISFACTORY GROWTH, IN THE OPINION OF THE LANDSCAPE ARCHITECT.
- DURING LANDSCAPE INSTALLATION KEEP PAVEMENTS CLEAN AND WORK AREA IN ORDERLY CONDITION.
- CONTRACTOR TO REPAIR ANY PAVEMENTS, CURBS, DRAINAGE AND OTHER IMPROVEMENTS DAMAGED AS A RESULT OF LANDSCAPE INSTALLATION ACTIVITIES.

**LANDSCAPE NOTES**

- ONLY "HEMP" BURLAP AND TWINE SHALL BE USED. NO TREATED OR PRESERVED BURLAP OR TWINE IS ALLOWED. ALL HEMP TWINE ATTACHED TO THE TREE TRUNK IS TO BE REMOVED AFTER PLANTING. AT A MINIMUM THE TOP ONE-THIRD OF THE ROOT BALL IS TO HAVE ALL BURLAP AND TWINE REMOVED.
- DIMENSIONS FOR HEIGHTS, SPREAD, AND TRUNK SPECIFIED ON THE MATERIAL SCHEDULE IS A GENERAL GUIDE FOR THE MINIMUM REQUIRED SIZE OF EACH PLANT. AT A MINIMUM, ALL PLANT MATERIALS SHALL COMPLY WITH THE LATEST EDITION OF PUBLICATION ANSI Z60.1, AND AMERICAN STANDARDS FOR NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERMEN.
- THE LOCATION OF ALL TREES, SHRUBS, AND GROUND COVER AREAS SHOWN ON THE PLAN SHALL BE STABLE/FLAGGED BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT BEFORE THE DIGGING OF PITS. PLANTING SHALL BE LOCATED WHERE SHOWN ON THE DRAWINGS OR WHERE FIELD LOCATED BY LANDSCAPE ARCHITECT.
- PROVIDE ONLY PLANTS THAT ARE FREE FROM DISEASES AND PESTS, AND THAT COMPLY WITH THE LATEST EDITION OF PUBLICATION ANSI Z60.1, AMERICAN STANDARDS FOR NURSERY STOCK, BY THE AMERICAN ASSOCIATION OF NURSERMEN.
- DO NOT MAKE SUBSTITUTIONS REGARDING PLANT SIZES OR SPECIES WITHOUT WRITTEN PERMISSION FROM THE LANDSCAPE ARCHITECT.
- REMOVE ALL STRINGS AND OTHER TIES FROM TREES.
- PLANTS DESIGNATED "B&B" IN THE PLANT LIST SHALL BE BALLED AND BURLAPPED. THEY SHALL BE DUG WITH FIRM, NATURAL BALLS OF EARTH OF SUFFICIENT DIAMETER AND DEPTH TO ENCOMPASS THE FIBROUS AND FEEDING ROOT SYSTEM NECESSARY FOR FULL RECOVERY OF THE PLANT. BALLS SHALL BE FIRMLY WRAPPED WITH BURLAP OR SIMILAR MATERIAL AND BOUND WITH TWINE OR CORD.
- MINIMIZE DAMAGE TO THE ROOT BALL WHEN INSTALLING ALL PLANT MATERIAL. IF ROOTS ARE GIRDLING OR CIRCLING THEY MUST BE CAREFULLY LOOSENED OR CUT.
- THE BALLS OF "B&B" PLANTS WHICH CANNOT BE PLANTED IMMEDIATELY ON DELIVERY SHALL BE COVERED WITH MOIST SOIL OR MULCH, OR OTHER PROTECTION FROM DRYING WINDS AND SUN. ALL PLANTS INSTALLED OR STORED SHALL BE WATERED BY CONTRACTOR AS NECESSARY UNTIL FINAL ACCEPTANCE.
- ALL PLANTS SHALL BE HANDLED SO THAT ROOTS ARE ADEQUATELY PROTECTED AT ALL TIMES. DURING SHIPMENT, THE ENTIRE PLANT SHALL BE PROTECTED BY TARP/AULINS OR OTHER SUITABLE COVERING. PLANT MATERIAL SUFFERING FROM WIND BURN OR OTHER DAMAGE IS NOT ACCEPTABLE.
- NO PLANT SHALL BE BOUND WITH ROPE OR WIRE IN A MANNER THAT DAMAGES THE BARK, BREAKS BRANCHES, OR DESTROYS ITS NATURAL SHAPE.
- ANY SERIES OF TREES OR SHRUBS TO BE PLACED IN A PARTICULAR ARRANGEMENT WILL BE FIELD CHECKED FOR ACCURACY BY THE LANDSCAPE ARCHITECT. ANY PLANTS INCORRECTLY ARRANGED SHALL BE RELOCATED WITH LANDSCAPE ARCHITECT APPROVAL.
- ALL PLANT BEDS SHALL BE TREATED WITH PRE-EMERGENT HERBICIDE (TRIFLORAL OR EQUIVALENT), APPLIED (ACCORDING TO MANUFACTURER'S INSTRUCTIONS) PRIOR TO PLANTING, FOR NOXIOUS WEED CONTROL. AVOID OVER APPLICATION INTO SEEDED GRASS AREAS.
- ALL PLANTING BEDS AND TREE PLANTINGS SHALL RECEIVE A PINE STRAW MULCH LAYER AND TO BE OF SUFFICIENT CHARACTER AS NOT TO BE EASILY DISPLACED BY WATER RUNOFF OR WIND.
- THE VENDOR SHALL NOTIFY THE LANDSCAPE ARCHITECT BEFORE SHIPMENTS ARE MADE SO THAT ARRANGEMENTS CAN BE MADE FOR INSPECTION AND TESTING OF STOCK.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR GUYING, FERTILIZING, APPLICATION OF INSECTICIDES/HERBICIDES, AND FOR THE WATERING AND MAINTENANCE TO INCLUDE BUT NOT LIMITED TO WEEDING, MULCHING, AND STRAIGHTENING OF ALL INSTALLED PLANT MATERIAL, INCLUDING SOD AND SEED AREAS, UNTIL FINAL ACCEPTANCE OF LANDSCAPE ARCHITECT.
- ALL PLANT MATERIAL IS TO BE GUARANTEED FOR ONE (1) YEAR. GUARANTEE PERIOD STARTS FROM DATE OF FINAL ACCEPTANCE OF LANDSCAPE ARCHITECT.
- GROUND COVER SPACING PATTERN SHALL BE AS INDICATED ON TYPICAL SPACING PATTERN USING SPACING DIMENSION AS SHOWN ON PLANS AND SCHEDULE.

**LANDSCAPE NOTES CONTINUED:**

- THE LANDSCAPE ARCHITECT MAY INSPECT TREES AND SHRUBS EITHER AT PLACE OF GROWTH OR AT SITE BEFORE PLANTING, FOR COMPLIANCE WITH REQUIREMENTS FOR GENUS, SPECIES, SIZE, AND QUALITY. LANDSCAPE ARCHITECT RETAINS THE RIGHT TO FURTHER INSPECT TREES AND SHRUBS FOR SIZE AND CONDITION OF ROOT BALL, INJURIES, AND LATENT DEFECTS TO REJECT UNSATISFACTORY OR DEFECTIVE AT ANY TIME DURING PROGRESS OF WORK. REMOVE REJECTED MATERIAL IMMEDIATELY FROM THE PROJECT SITE.
- REPLACEMENT PLANT MATERIAL SHALL CLOSELY MATCH ADJACENT SPECIMENS OF THE SAME SPECIES AND SHALL CONFORM TO THE STANDARDS FOR PLANT MATERIALS SPECIFIED. ALL REPLACED MATERIAL SHALL IMMEDIATELY BE REMOVED FROM THE SITE AND ALL NECESSARY REPAIRS TO GRADES, LAWN AREAS, PAVING, AND OTHER AREAS DAMAGED DURING REPLACEMENT SHALL BE MADE AT NO COST TO THE OWNER.
- NO PLANT MATERIAL REQUIRED TO BE BALLED AND BURLAPPED SHALL BE ACCEPTED IF THE BALL IS CRACKED OR BROKEN EITHER BEFORE OR DURING THE PROCESS OF PLANTING, OR WHEN REQUIRED BURLAP, STAVES, ROPES OR PLATFORM HAVE BEEN REMOVED.
- PLANT BED PREPARATION: THOROUGHLY DISC, SCARIFY, & LOOSEN SUBGRADE OF PLANTING BEDS TO A MINIMUM DEPTH OF 4 INCHES. REMOVE STONES MEASURING OVER 1 INCH IN ANY DIMENSION. REMOVE ROCKS, STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEOUS MATTER THAT WILL INTERFERE WITH VEGETATION ESTABLISHMENT OR MAINTENANCE OPERATIONS. ADD SOIL AMENDMENTS PER THE RECOMMENDATIONS NOTED IN THE CONTRACTOR SUPPLIED SOIL TEST AND MIX THOROUGHLY INTO UPPER 4 INCHES OF TOPSOIL.

**SODDING NOTES**

- SOD ALL AREAS AS INDICATED ON THE PLANS. SOD IS TO BE SOIL BASED SOD FOR ALL AREAS OF THE BASE PLAN. SOD VARIETY IS TO BE TIF TUF BERMUDA GRASS. ALL SLOPES GREATER THAN 3:1 SHALL BE PEGGED TO HOLD SOD IN PLACE. ALL DRAINAGE SWALES ARE TO RECEIVE A 6" WIDE BAND OF SOD. PROVIDE A 3" WIDE BAND OF SOD AROUND ALL DRAINAGE INLETS. SEE PROJECT MANUAL FOR ATHLETIC FIELD PREP, LASER GRADING AND SODDING SPECIFICATIONS.
- 4" OF TOPSOIL SHALL BE PROVIDED ON ALL AREAS TO BE SODDED, INSTALLED AND STABILIZED PRIOR TO SOD.
- SOD BED PREPARATION: LOOSEN SUBGRADE OF LAWN AREAS TO A MINIMUM DEPTH OF 4 INCHES. REMOVE STONES MEASURING OVER 1 INCH IN ANY DIMENSION. REMOVE STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEOUS MATTER. ADD SOIL AMENDMENTS IN ACCORDANCE WITH SOIL TEST REQUIREMENTS AND MIX THOROUGHLY INTO UPPER 4 INCHES OF TOPSOIL.
- FOR LAWNS, THE SOIL SHALL BE THOROUGHLY TILLED TO DEPTH OF FOUR (4) INCHES AND FERTILIZER AMENDMENTS SHALL BE ADDED. FOLLOWING THIS, THE SOD AREA SHALL BE GRADED TO REMOVE ALL RIDGES AND DEPRESSIONS, AND THE SURFACE CLEARED OF ALL STONE AND DEBRIS.
- FINE GRADE LAWN AREAS TO SMOOTH, EVEN SURFACE WITH LOOSE, UNIFORM FINE TEXTURE. ROLL, RAKE, AND DRAG LAWN AREAS, REMOVE RIDGES AND FILL DEPRESSIONS, AS REQUIRED TO MEET FINISH GRADES.
- SOD IS TO BE LAID AS SOON AS IT IS DELIVERED TO PLANTING AREAS. ONLY HEALTHY, MOIST, AND GREEN SOD IS TO BE LAID. ANY SOD WHICH IS BROWN AND UNDER STRESS IS UNACCEPTABLE. ANY SOD WHICH IS NOT LAID WITHIN 24 HOURS OF DELIVERY IS UNACCEPTABLE UNLESS APPROVED BY THE LANDSCAPE ARCHITECT.
- FERTILIZER: CONTRACTOR SHALL PERFORM A SOIL TEST PRIOR TO SODDING AND APPLICATION OF ANY SOIL AMENDMENTS, AND SUBMIT RESULTS OF SOIL TESTS TO LANDSCAPE ARCHITECT FOR APPROVAL. APPLY ALL AMENDMENTS PER SOIL TEST RECOMMENDATIONS. SPREAD LIME AND FERTILIZER UNIFORMLY OVER ALL AREAS IMMEDIATELY BEFORE FINAL LAND PREPARATION AND MIX THOROUGHLY WITH THE SOIL.
- SOD IS TO BE ROLLED AND WATERED WITHIN 10 DAYS OF INSTALLATION.
- AFTER TWO WEEKS, TOPDRESS SODDED AREAS AND THOROUGHLY WATER. TOPDRESS SHALL CONSIST OF 5 TO 1 POUND: 38% UREA FORMALDEHYDE PER 1,000 S.F. AND 20 POUNDS OF 6-12-12 FERTILIZER. COMBINE WITH CLEAN, WEED-FREE BUILDER'S SAND TO FILL ANY DEPRESSIONS OR IRREGULARITIES IN THE SOD.
- REPAIR AND RESOD ALL ERODED OR DISTURBED SOD AREAS WHERE DESIRED VEGETATIVE COVER HAS NOT BEEN ESTABLISHED, OR WHERE NOXIOUS WEEDS EMERGE.
- CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTENANCE OF SODDED AREAS UNTIL AREAS EXHIBIT HEALTHY AND VIGOROUS GROWTH AS DETERMINED BY LANDSCAPE ARCHITECT.

**NATIVE SEED NOTES**

- NATIVE SEED MIX TO BE MIX 131 - SOUTHERN WETLAND AND POND EDGE MIX AS SUPERSEEDING BY ROUNDSTONE NATIVE SEED (WWW.ROUNDSTONESEED.COM) OR APPROVED EQUAL.
- SEED ALL AREAS AS SHOWN ON PLANS.
- ALL SLOPES AT 3:1 OR GREATER TO HAVE WHEAT STRAW EROSION CONTROL MATTING APPLIED.

**SEEDING NOTES**

- 4" OF TOPSOIL SHALL BE PROVIDED ON ALL AREAS TO BE SEEDED UNLESS NOTED OTHERWISE. INSTALL AND STABILIZE TOPSOIL PRIOR TO SEEDING.
- FINE GRADE LAWN AREAS TO SMOOTH, EVEN SURFACE WITH LOOSE, UNIFORM FINE TEXTURE. ROLL, RAKE, AND DRAG LAWN AREAS, REMOVE RIDGES AND FILL DEPRESSIONS, AS REQUIRED TO MEET FINISH GRADES.
- SEEDING IS TO BE DONE AS AREAS ARE READY. IF THE CONSTRUCTION SCHEDULE ALLOWS, SEEDING APPLICATION SHOULD BE DONE ACCORDING TO THE OPTIMUM SEEDING DATES DEPICTED IN THE SEEDING SCHEDULE. A TEMPORARY SEED AND APPLICATION IS TO BE ADDED TO THE SEED MIX DURING THE DATES LISTED IN THE SEED SCHEDULE. TIMING OF SEEDING IS TO BE AS NOTED ON DRAWINGS OR SPECIFICATIONS.
- THE VENDOR SHALL NOTIFY THE LANDSCAPE ARCHITECT BEFORE SHIPMENTS ARE MADE SO THAT ARRANGEMENTS CAN BE MADE FOR INSPECTION AND TESTING OF STOCK.
- AT THE DISCRETION OF THE LANDSCAPE ARCHITECT, SAMPLES OF THE SEED MAY BE TAKEN FOR CHECK AGAINST THE CERTIFIED LABORATORY REPORT. SAMPLING AND TESTING WILL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE TENNESSEE DEPARTMENT OF AGRICULTURE.
- SEED BED PREPARATION: THOROUGHLY DISC, SCARIFY, & LOOSEN SUBGRADE OF LAWN AREAS TO A MINIMUM DEPTH OF 4 INCHES. REMOVE STONES MEASURING OVER 1 INCH IN ANY DIMENSION. REMOVE ROCKS, STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEOUS MATTER THAT WILL INTERFERE WITH VEGETATION ESTABLISHMENT OR MAINTENANCE OPERATIONS. ADD SPECIFIED SOIL AMENDMENTS AND MIX THOROUGHLY INTO UPPER 4 INCHES OF TOPSOIL.
- GRASS SEED: PROVIDE FRESH, CLEAN, NEW-CROP SEED COMPLYING WITH TOLERANCE FOR PURITY AND GERMINATION ESTABLISHED BY OFFICIAL SEED ANALYSIS OF NORTH AMERICA. PROVIDE SEED MIXTURE COMPOSED OF GRASS SPECIES, PROPORTIONS, AND MINIMUM PERCENTAGES OF PURITY, GERMINATION AND MAXIMUM PERCENTAGE OF WEED SEED.
- SEED ALL DISTURBED AREAS (THAT ARE NOT TO BE PAVED, PLANTED, OR SODDED). SEED VARIETY TO BE PRINCESS 77 BERMUDA GRASS, 10 LBS PER 1,000 SF.

PLANT SCHEDULE							
SHADE TREES	QTY	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	HEIGHT	COMMENTS
QE	18	Quercus phellos 'QPSTA' TM	Hightower Willow Oak	B & B	3" CAL.	16' MIN	Full, Strong Central Leader, 6' Clear Trunk, Matched
QP	43	Quercus shumardii 'QSFTC' TM	Panache Shumard Oak	B & B	3" CAL.	16' MIN	Full, Strong Central Leader, 6' Clear Trunk, Matched
QC	36	Quercus virginiana 'SBLN' TM	Cathedral Live Oak	B & B	3" CAL.	16' MIN	Full, Strong Central Leader, 6' Clear Trunk, Matched
TC	30	Taxodium distichum 'JFS-SGPN' TM	Green Whisper Bald Cypress	B & B	3" CAL.	16' MIN	Full, Strong Central Leader, 6' Clear Trunk, Matched
SMALL FLOWERING TREES	QTY	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	HEIGHT	COMMENTS
LM	44	Lagerstroemia indica x fauriei 'Muskogee'	Muskogee Crape Myrtle	B & B	3" CAL.	14' HT	Full, Strong Central Leader, 6' Clear Trunk, Matched
NL	2	Nyctaginia virginiana 'The Whinn' TM	Mourning Sweetpea Magnolia	B & B	3" CAL.	14' HT	Full, Strong Central Leader, 6' Clear Trunk, Matched
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	SPACING	COMMENTS
HPF	68	Hamelia patens	Firebush	Container	5 GAL.	48" O.C.	MATCHED; FULL IN POT
IPF	12	Illicium parviflorum 'Florida Sunshine'	Florida Sunshine Anise Tree	Container	3 GAL.	48" O.C.	MATCHED; FULL IN POT
IVH	6	Itea virginica 'Henry's Garnet'	Henry's Garnet Sweetspire	Container	3 GAL.	42" O.C.	MATCHED; FULL IN POT
LCS	44	Loropetalum chinense rubrum 'Shang-hi' TM	Purple Diamond Fringe Flower	Container	3 GAL.	48" O.C.	MATCHED; FULL IN POT
PVH	12	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	Container	3 GAL.	6" O.C.	MATCHED; FULL IN POT
PTW	53	Pittosporum tobira 'Wheeler's Dwarf'	Wheeler's Dwarf Pittosporum	Container	3 GAL.	48" O.C.	MATCHED; FULL IN POT
PCO	2	Pontederia cordata	Pickereel Weed	Plugs		3' O.C.	FULL, MATCHED, WELL-ROOTED
SLA	1,346	Sagittaria latifolia	Duck Potato	Plugs		3' O.C.	FULL, MATCHED, WELL-ROOTED
SAV	1,049	Scirpus validus	Common Bulrush	Plugs		4' O.C.	FULL, MATCHED, WELL-ROOTED
SHRUB AREAS	QTY	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	SPACING	COMMENTS
CAK	940	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	Container	3 GAL.	36" O.C.	MATCHED; FULL IN POT
MCL	2,146	Muhlenbergia capillaris 'Lenca'	Regal Mist Muhly Grass	Container	1 GAL.	36" O.C.	MATCHED; FULL IN POT
PH2	75	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	Container	4" Pot	42" O.C.	MATCHED; FULL IN POT
PS2	2,772	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	Container	4" Pot	36" O.C.	MATCHED; FULL IN POT
PCO	1,012	Pontederia cordata	Pickereel Weed	Plugs		3' O.C.	FULL, MATCHED, WELL-ROOTED
SLA	1,346	Sagittaria latifolia	Duck Potato	Plugs		3' O.C.	FULL, MATCHED, WELL-ROOTED
SAV	1,049	Scirpus validus	Common Bulrush	Plugs		4' O.C.	FULL, MATCHED, WELL-ROOTED
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	SPACING	COMMENTS
CDV	467	Carex divulsa	European Grey Sedge	Container	Plugs	24" O.C.	Matched, Full in container
HMC	549	Hemlockallis sp.	Re-blooming Daylily Mixture	Container	1 GAL.	24" O.C.	MATCHED, FULL IN POT, SUPPLIED BY BRECKS.COM
LMB	50	Liriope muscari 'Big Blue'	Big Blue Lilyturf	Container	1 GAL.	18" O.C.	Matched, Full in container
NEM	100,440 sf	Natural Seed Mix	Natural Seed Mix	SEED			
RHT	297	Rudbeckia hirta	Black-eyed Susan	Container	1 GAL.	24" O.C.	MATCHED; FULL IN POT
SSC	496	Scirpus americanus 'Common Bulrush'	Common Bulrush	Container	1 GAL.	18" O.C.	MATCHED; FULL IN POT
SOD	QTY	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	SPACING	COMMENTS
CE	194,681 sf	Cynodon dactylon x transvaalensis 'DT-1' TM	TifTuf Bermudagrass Common Area	sod	--	--	FREE OF WEEDS
CE2	23,549 sf	Cynodon dactylon x transvaalensis 'DT-1' TM	TifTuf Bermudagrass Shade Field	sod	--	--	FREE OF WEEDS

**1 PLANT SCHEDULE**

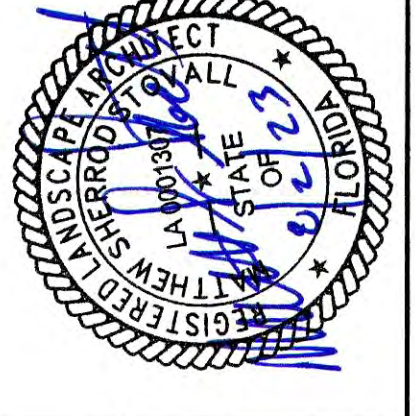
**SEEDING NOTES CONTINUED:**

- PROTECT ALL SLOPES 3:1 OR STEEPER AGAINST EROSION WITH EROSION CONTROL BLANKETS/MATERIALS OR ACCEPTED SUBSTITUTION. INSTALL BLANKETS/MATERIALS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- UNLESS OTHERWISE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT, SEEDING OPERATIONS SHALL BE LIMITED TO THE FOLLOWING PLANTING PERIODS. SPRING - APRIL 1 THROUGH JUNE 1.
- FERTILIZER: CONTRACTOR SHALL PERFORM A SOIL TEST PRIOR TO SEEDING AND APPLICATION OF ANY SOIL AMENDMENTS, AND SUBMIT RESULTS OF SOIL TESTS TO LANDSCAPE ARCHITECT FOR APPROVAL. APPLY ALL AMENDMENTS PER SOIL TEST RECOMMENDATIONS. SPREAD LIME AND FERTILIZER UNIFORMLY OVER ALL AREAS IMMEDIATELY BEFORE FINAL LAND PREPARATION AND MIX THOROUGHLY WITH THE SOIL.
- PERMANENT VEGETATIVE COVER OF AT LEAST 95% IS REQUIRED FOR FINAL ACCEPTANCE.
- REPAIR AND RESEED ALL ERODED OR DISTURBED SEEDED AREAS WHERE VEGETATIVE COVER HAS NOT BEEN ESTABLISHED.
- APPLY A 1/2" TO 3/4" LAYER OF THRASHED RYE, OAT, OR WHEAT STRAW, OR BERMUDA GRASS HAY FOR SEEDING APPLICATIONS. APPLY MULCH ON ALL SEEDED AREAS IMMEDIATELY FOLLOWING SEEDING OPERATIONS. MAINTAIN A COVER OF MULCH UNTIL SEEDS HAVE GERMINATED AND SEEDLINGS ARE A MINIMUM OF 2" HEIGHT AND MOWING OPERATIONS HAVE BEGUN. FIELD ADJUST FOR UNIFORM COVERAGE.
- AREAS WILL BE REPLANTED IF PERMANENT VEGETATION IS DISTURBED OR NOT ESTABLISHED. CONTRACTOR TO MECHANICALLY REMOVE GROWTH OF OVER 12" PRIOR TO OVERSEEDING AND RESEEDING MEADOW AREAS IN THE SPRING TO ALLOW GROWTH OF PERMANENT VEGETATION.
- THE CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTENANCE OF SEEDED AREAS UNTIL 95% PERMANENT GRASS COVER IS ESTABLISHED AND SEEDED AREAS EXHIBIT HEALTHY AND VIGOROUS GROWTH AS DETERMINED BY LANDSCAPE ARCHITECT.
- WHEN REQUIRED TO SEED BERMUDA SEED OUTSIDE OF SPECIFIED PLANTING PERIODS, ADD AN ADDITIONAL 3 POUNDS PER 1,000 SQUARE FEET OF ANNUAL RYE GRASS.

**NATIVE SEED MIX**

Common Name	Botanical Name	PLS Oz.
Virginia Wild Rye	Elymus virginicus	4.375
Broomsedge	Andropogon virginicus	0.625
Fowl Manna Grass	Glyceria striata	0.313
Rice Cut Grass	Leersia oryzoides	0.313
Upland Bentgrass	Agrostis perennans	0.250
Red Top Panicum	Panicum rigidulum	0.625
Nodding Sedge	Carex crinita	0.375
Fox Sedge	Carex vulpinoidea	1.750
Frank's Sedge	Carex frankii	0.750
Creeping Spike Rush	Eleocharis palustris	0.188
Soft Rush	Juncus effusus	0.188
Green Bulrush	Scirpus atrovirens	0.250
Button Bush	Cephalanthus occidentalis	1.111
Blue Flag	Iris virginica	0.619
Ohio Spiderwort	Tradescantia ohiensis	0.557
Seed Box	Ludwigia alternifolia	0.159
Boneset	Eupatorium perfoliatum	0.179
Monkey Flower	Mimulus ringens	0.281
Rosemallow	Hibiscus moscheutos	0.447
Swamp Milkweed	Asclepias incarnata	0.383
Yellow Wingstem	Verbesina alternifolia	1.125
Joe-Pye Weed	Eupatorium fistulosum	0.179
Sneezeweed	Heilenium autumnale	0.329
Narrow-Leaved Sunflower	Helianthus angustifolius	0.633
COVER CROP		
Brown Top Millet	Urochloa ramosa	6 lbs / ACRE

**2 NATIVE SEED MIX**

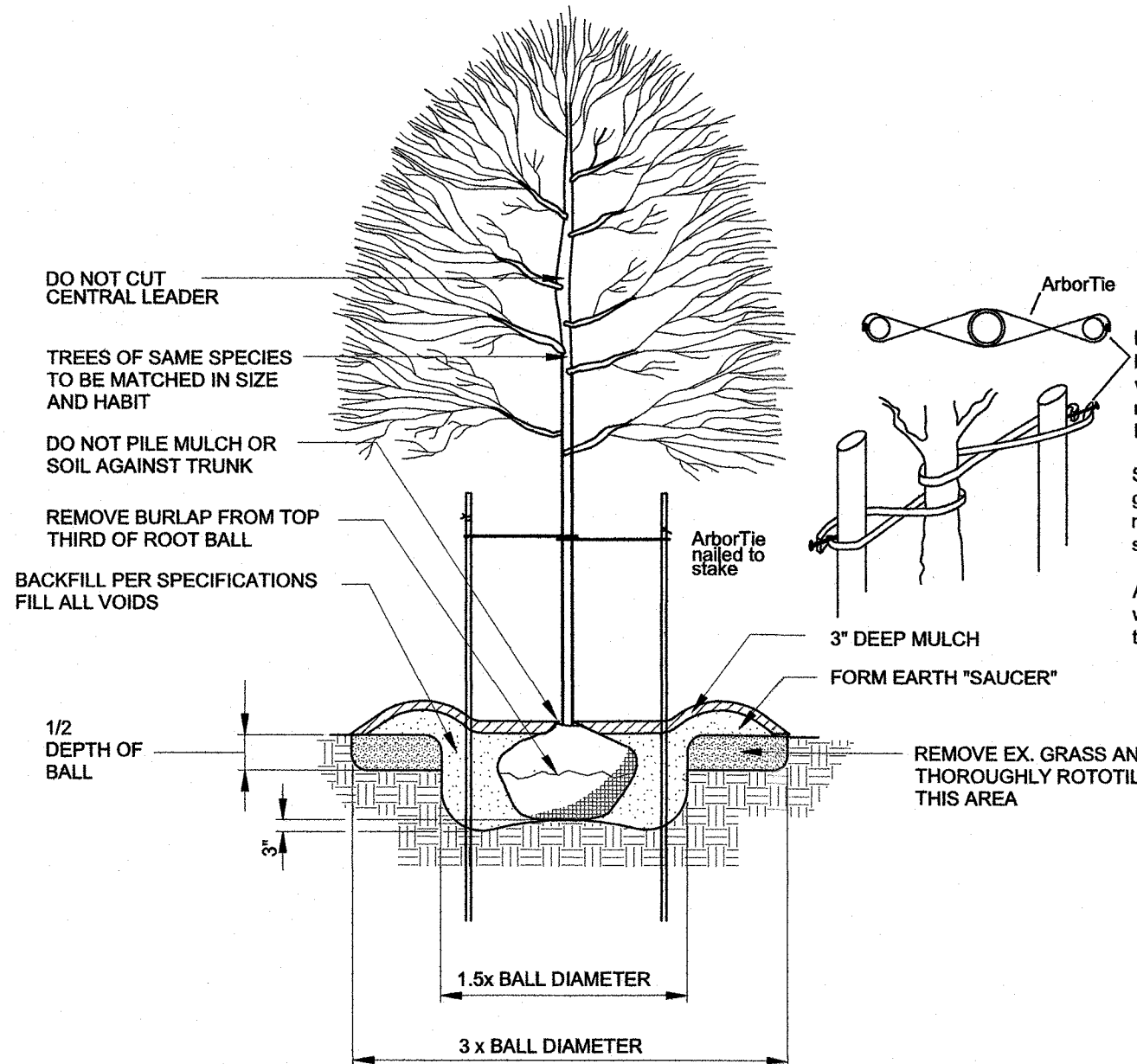


**LANDSCAPE NOTES**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
 BAY COUNTY, FL

REV.	DATE	DESCRIPTION
B	JAN 07/2022	10% REVIEW
C	JAN 08/25/2022	ISSUED FOR PERMIT
D	JAN 10/30/2022	REVISED PER COUNTY COMMENTS
E	JAN 10/30/2022	REVISED PER FOOT COMMENTS

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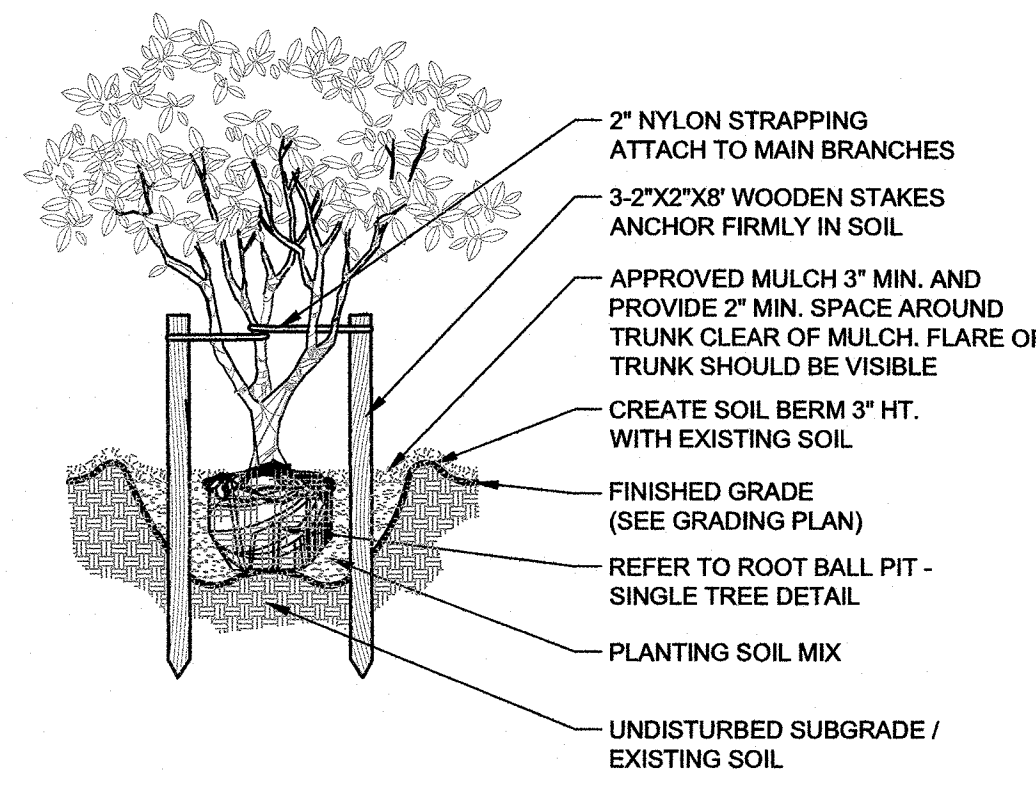
**L4.01**  
 37237-01



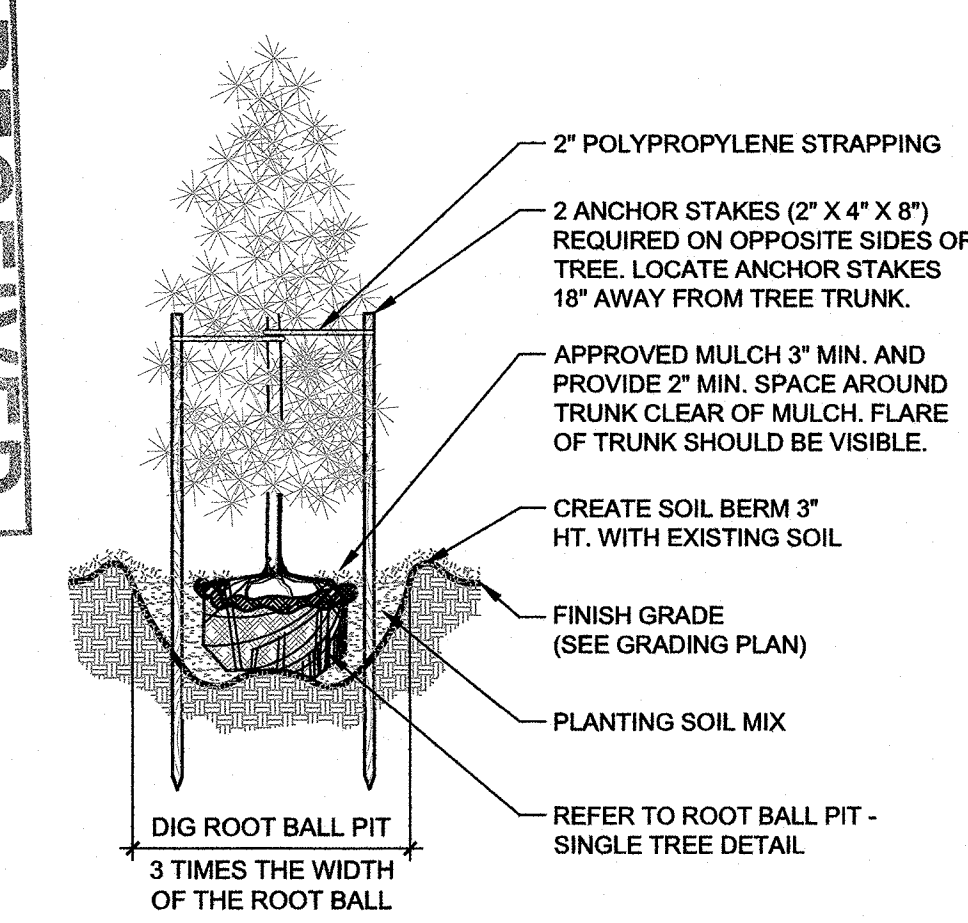
NOTE:

1. PROVIDE 8" METAL T BAR POST (DARK GREEN) ADJACENT TO TRUNK OF ALL TREES AND SECURE STAKE TO TRUNK WITH BIODEGRADABLE STRAPS/TIES, ARBORTIE STRAPS OR APPROVED EQUIVALENT.
2. ANCHORS ARE TO BE DRIVEN TO DEEPEST POSSIBLE DEPTH ACCORDING TO SOIL TYPE. THE TRUNK OF ALL TREES IS REQUIRED TO BE PLUMB WITH THE GROUND PLANE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO STRAIGHTEN ANY TREE THAT DOES NOT HAVE A VERTICAL TRUNK. IF CONTRACTOR ELECTS TO STAKE SMALLER TREES DIFFERENTLY THEN THIS DETAIL, HE IS TO SUBMIT DETAIL FOR APPROVAL PRIOR TO STAKING.
3. TOP OF ROOT BALL TO BE EQUAL OR SLIGHTLY HIGHER THAN EXISTING GRADE.
4. DO NOT PIERCE ROOT BALL WITH STAKES.
5. PRUNE TREE UNDER DIRECTION OF LANDSCAPE ARCHITECT.

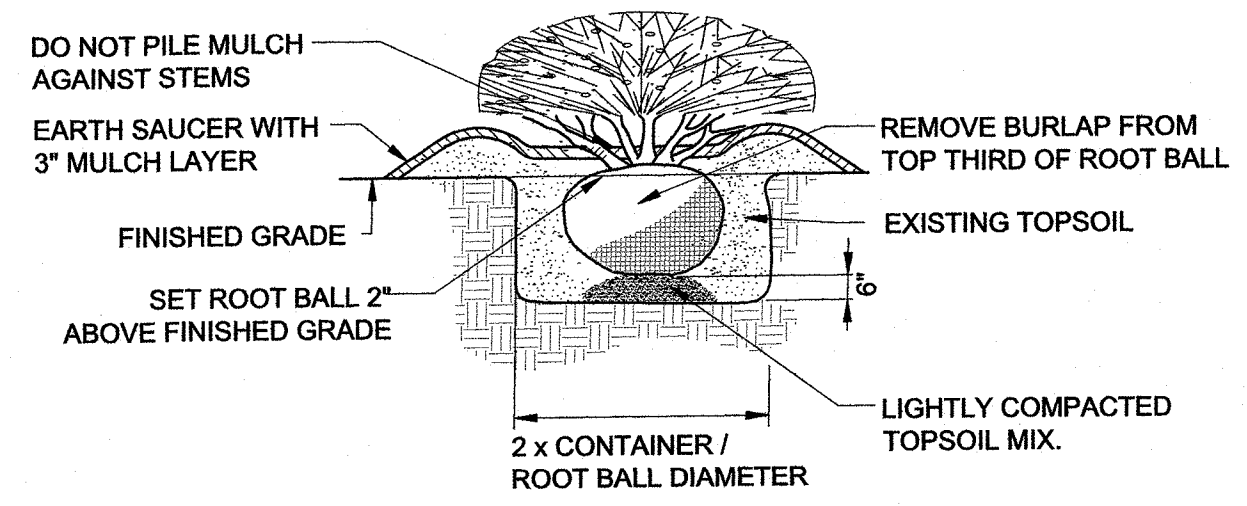
**1 TYPICAL TREE PLANTING DETAIL**  
L4.02 NTS



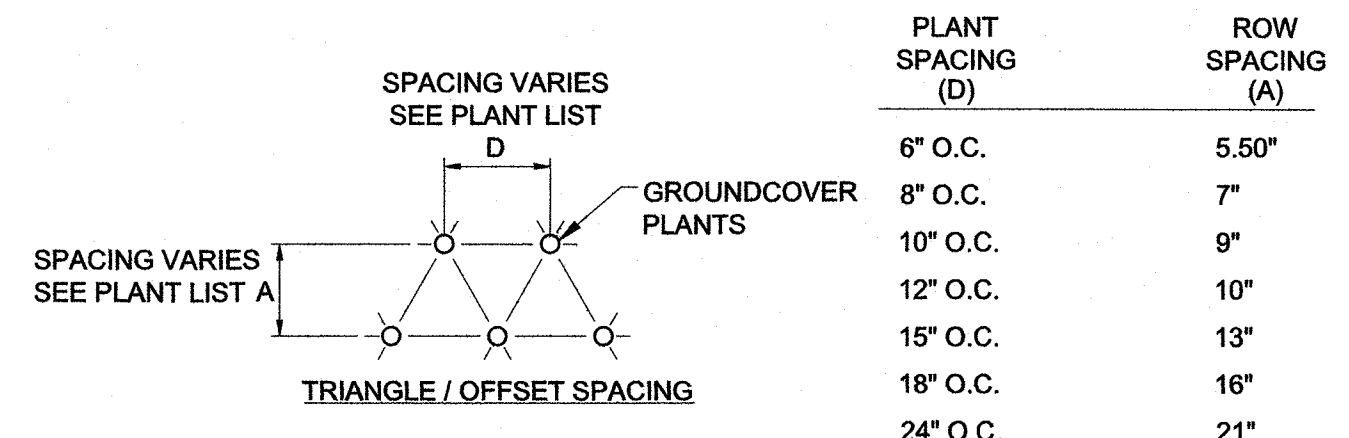
**2 MULTI-TRUNK TREE PLANTING**  
L4.02 1" = 1'-0"



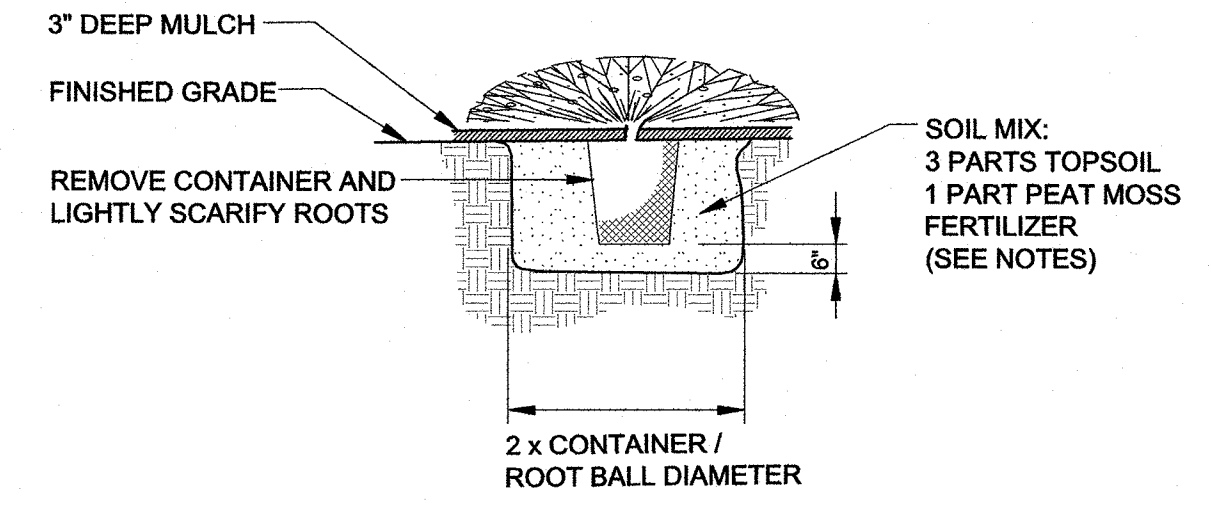
**3 EVERGREEN TREE PLANTING**  
L4.02 1" = 1'-0"



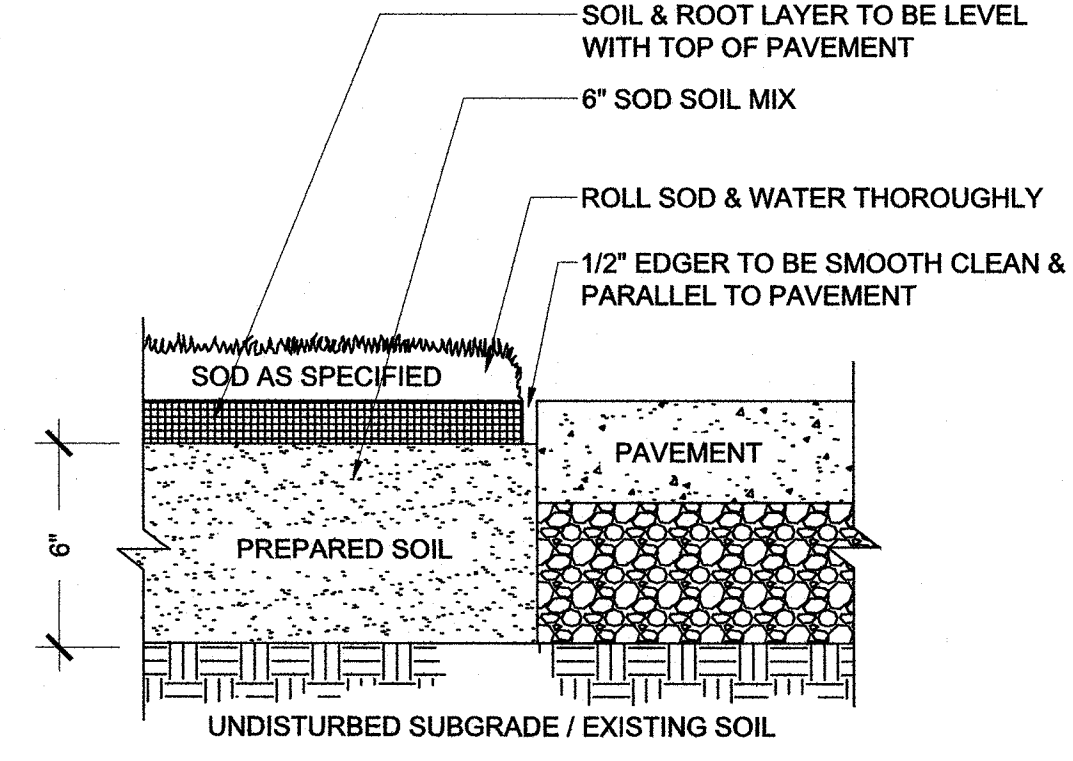
**4 TYPICAL SHRUB PLANTING DETAIL**  
L4.02 NTS



**5 TYPICAL SHRUB SPACING DETAIL**  
L4.02 NTS

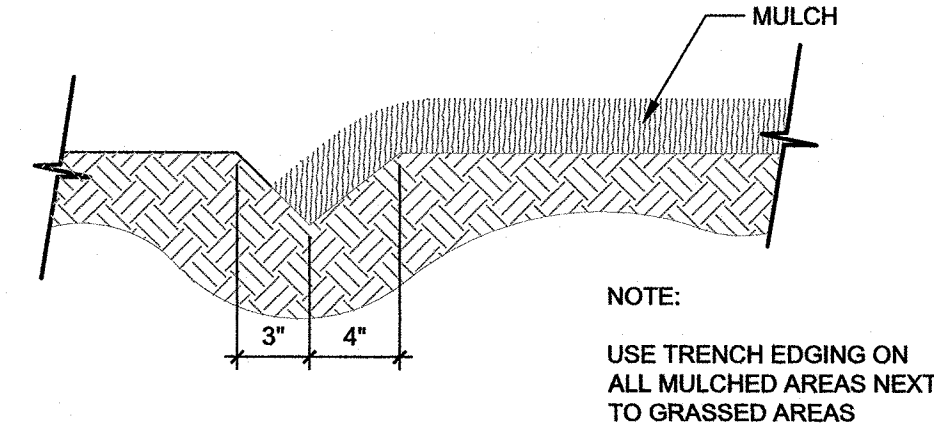


**6 TYPICAL GROUNDCOVER PLANTING DETAIL**  
L4.02 NTS

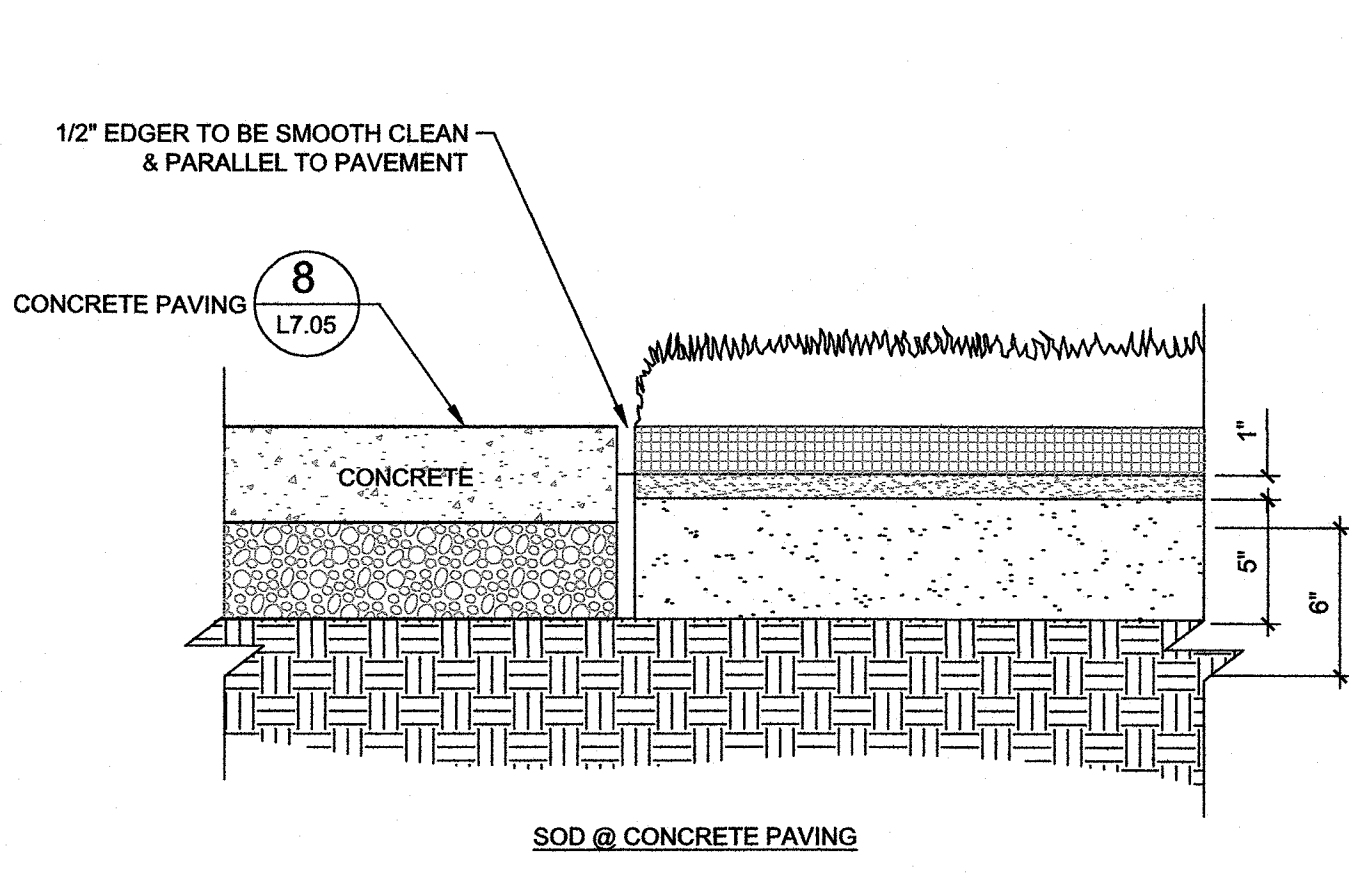


NOTE: SOD PIECES ARE TO BE BUTTED UP AGAINST EACH OTHER WITH NO GAPS. IF THERE ARE GAPS THEY SHOULD BE FILLED WITH SOD OR SAND.

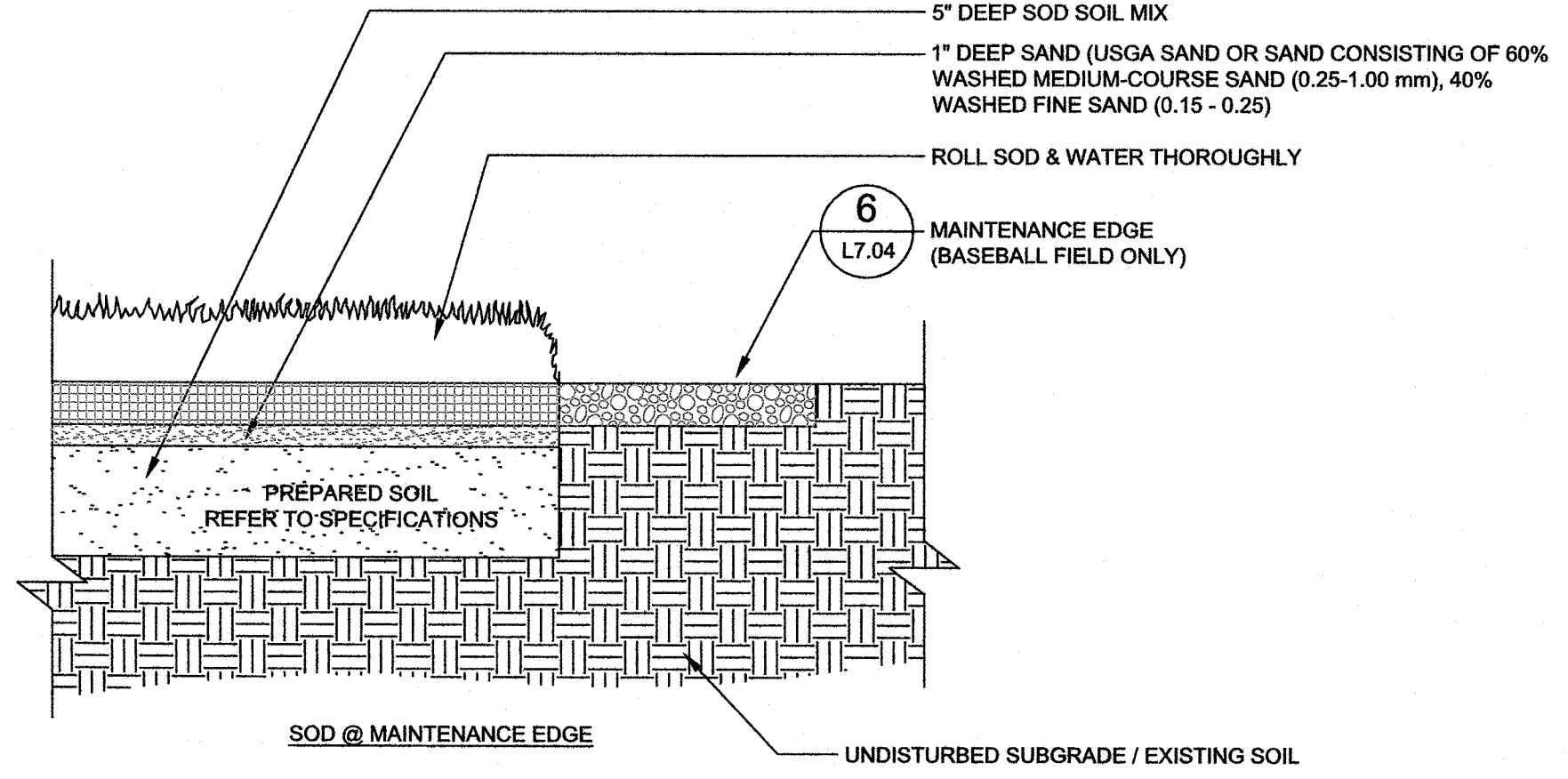
**8 SOD DETAIL**  
L4.02 NTS



**9 TYPICAL TRENCH EDGING**  
L4.02 1 1/2" = 1'-0"

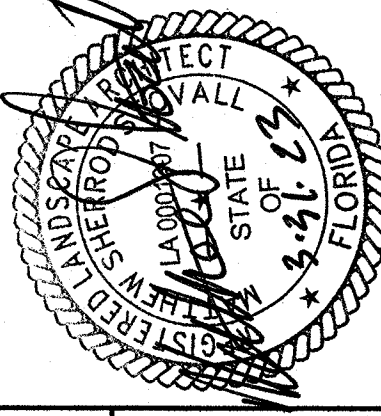
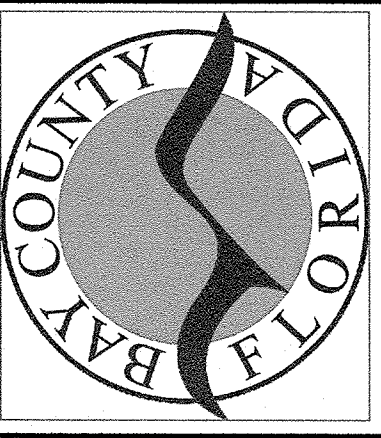


**7 MULTI-PURPOSE FIELD SOD PLANTING**  
L4.02 1 1/2" = 1'-0" P-SO-LAN-11



NOTE:  
1. FIELD SOD SHALL BE TIFTUF BERMUUDA.  
2. SOD PIECES ARE TO BE BUTTED UP AGAINST EACH OTHER WITH NO GAPS. IF THERE ARE GAPS THEY SHOULD BE FILLED WITH SOD OR USGA SAND.  
3. SEE SPECIFICATIONS FOR SPORTS FIELD CONSTRUCTION, ETC.

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BAY COUNTY  
PLANNING AND ZONING  
11/07/2013



LANDSCAPE DETAILS  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL

REV.	DR.	CHK.	DATE	DESCRIPTION
A	JAL	MSS	05/11/2012	ISSUED FOR PERMIT
B	JAL	MSS	07/01/2012	ISSUED FOR PERMIT
C	JAL	MSS	12/16/2012	ISSUED FOR PERMIT
D	JAL	MSS	03/20/2013	REVISED PER COUNTY COMMENTS

APPROVED AS NOTED

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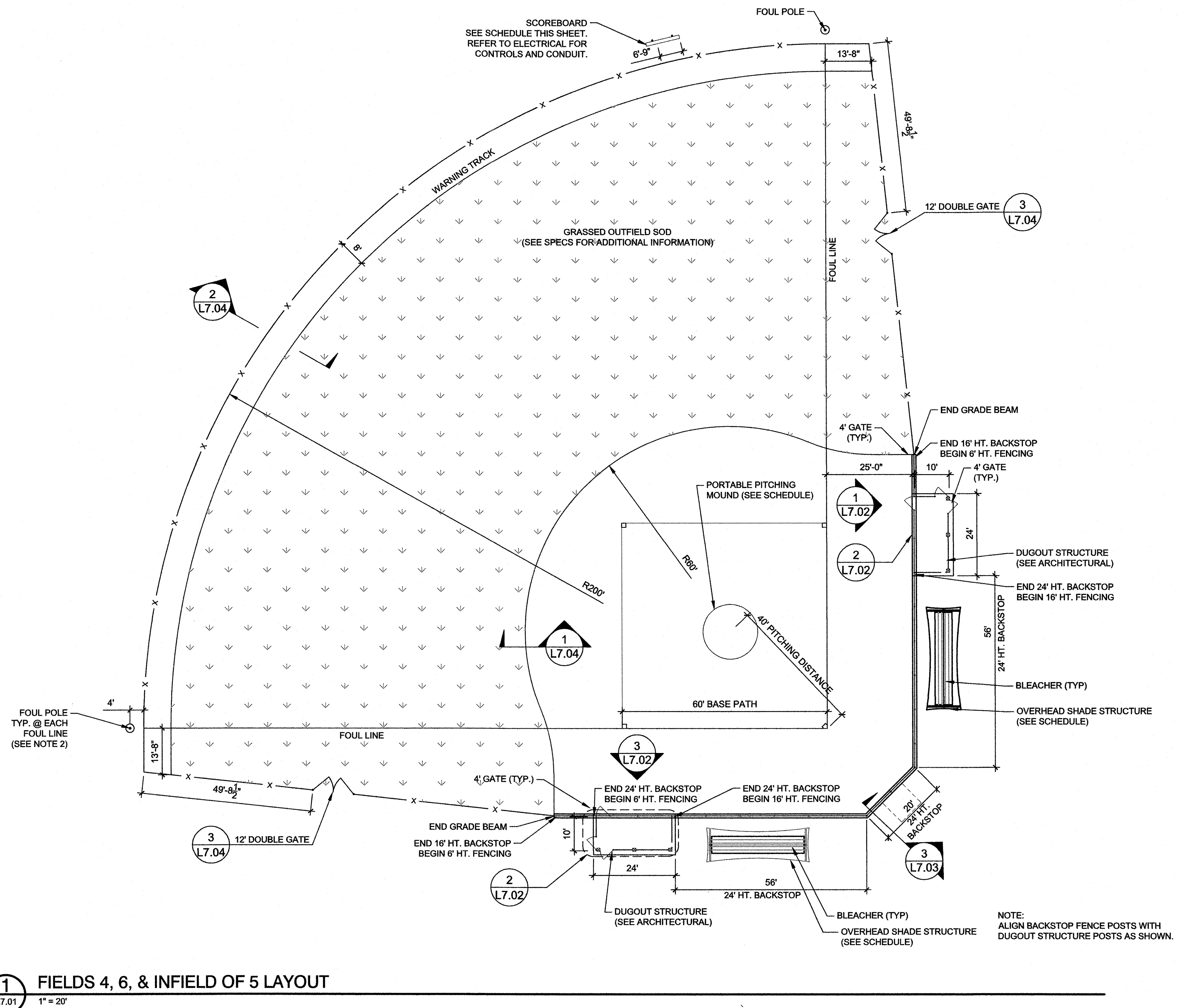


Description	Manufacturer	Product	Color	Size	Comments	Quantity
Scoreboard	Electro-Mech Scoreboard Co. www.electro-mech.com	Model LX1341	Black Board Yellow Stripe Amber Digits	5' x 10'	N/A	6
Entry Signage Feature	By Owner					1
Bleachers (54 Seats)	By Owner					10
Scorer's Table	By Owner					5
Player's Bench	By Owner					10
Bat Rack	By Owner					10
Helmet Rack	By Owner					10
Base Plugs	By Owner					24
Bases	By Owner					6 Sets
Home Plate	By Owner					6
Home Plate - Batting Cages	By Owner					6
Pitching Rubber	By Owner					9
Portable Pitching Mound	By Owner					9
Pitching Screen	By Owner					7
Ball Return	Ball Baby www.ballbabypro.com	Softball	N/A	Standard	Standard	6
Flagpole	Concord American www.concordamericanflagpole.com	ESR Continental Series	N/A	Standard	Standard	1
Batting Cage	Batting Cages Inc. (or Equal) www.battingcagesinc.com	Mastodon	Black	12'H x 12'W x 70'L	Standard	4
Bike Rack	Sitescapes, Inc www.sitescapesonline.com	Echo Serpentine Style, Product #: EC2-07-SM	Black	7 Spaces	Surface mount per manufacturer's recommendations	
Benches	Sitescapes, Inc www.sitescapesonline.com	6' Cityview Vertical Strap w curved back & center armrest, Product #: CV1-1261	Black	6'	Surface mount per manufacturer's recommendations	
Trash Receptacles	Sitescapes, Inc www.sitescapesonline.com	Cityview Vertical Strap receptacle w/ lockable side door & dome top, Product #: CV2-2101	Black	36 Gallon	Surface mount per manufacturer's recommendations	
Fence Topper	BSN Sports www.bsnports.com	Model GRP10546	Yellow		Install per manufacturer's recommendations	
Seat Wall	Belgard www.belgard.com (251) 243-1424	Castlemenor Grana w/ matching cap or approved equal	TBD - based on sample colors submitted during construction	Approx. 18" ht. above adjacent plaza elevation (see grading plans)	Ashlar random pattern	
Shade Structure Over Bleachers	Shade Systems Inc. www.shadesystemsinc.com	Offset T-cantilever Structure, model #: TC103010	TBD - based on sample colors submitted during construction	10' x 30' x 10' HT.	Powder Coat Color TBD	10

**1A SITE/BALLFIELD MATERIALS SCHEDULE**  
L7.01

**NOTES:**

- FOR GENERAL NOTES, SEE SHEET C0.01
- FOUL POLES SHALL BE HEAVY-WALL 3 1/2" OD STEEL TUBING WITH CHAIN LINK 18"W x 22'H WING BANNER WITH HEAVY GAUGE STEEL SUPPORTS, FULLY ELECTROSTATICALLY POWDER COATED OPTICAL YELLOW, HEIGHT 30' ABOVE FINISHED GRADE, ITEM #01246 OR APPROVED EQUAL BY MID-AMERICA SPORTS ADVANTAGE, 1-800-264-4519. INSTALL PER MANUFACTURER'S RECOMMENDATION.
- SKINNED INFIELD SHALL BE 4" DEPTH OF CRIMSON RED 60/40 CLAY/SAND MIX BY OR APPROVED EQUAL. (SEE SPECIFICATIONS). WARNING TRACK MATERIAL TO BE RED CRUSHED BRICK OR APPROVED EQUAL. SUBMIT SAMPLES OF BOTH INFIELD AND WARNING TRACK MATERIAL FOR APPROVAL.
- SEE SHEET L7.02 AND L7.03 FOR FENCING DETAILS.
- ALL FENCING SHALL BE BLACK VINYL COATED CLASS 2B. (SEE SPECIFICATIONS)
- REFER TO SHEET C2.01, C2.02, & C2.11 FOR FIELD GRADING.
- MAINTENANCE GATE LOCATION VARIES PER FIELD, SEE SITE PLAN.
- FLAGPOLE TO BE INSTALLED PER CIVIL DETAIL.
- BATTING CAGES TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. SEE DETAIL 1A/L7.01.
- SEE ARCHITECTURAL FOR DUGOUT STRUCTURE.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING FOOTING SIZES FOR ALL PRE-ENGINEERED STRUCTURES IN WRITING FROM THE MANUFACTURER.
- INSTALL PRE ENGINEERED STRUCTURES TO COMPLY WITH MANUFACTURER'S INSTALLATION DETAILS TO MAINTAIN WARRANTY AS SPECIFIED.
- THE PRE ENGINEERED STRUCTURES SHALL COMPLY WITH 2017 FLORIDA BUILDING CODE.
- THE PRE ENGINEERED STRUCTURES INDICATED ON THIS SHEET ARE FOR DESIGN INTENT ONLY. THE CONTRACTOR SHALL SUBMIT A COMPLETE FABRICATION AND ERECTION DRAWING WITH SPECIFIED MATERIAL, SIZES, CONNECTION DETAILS AND LOCATION FOR ALL STRUCTURAL ELEMENTS, INCLUDING ANCHORAGE TO THE FOUNDATION TO ADEQUATELY RESIST ALL APPLICABLE DESIGN LOADS. ALL DRAWINGS SHALL BEAR THE SEAL OF THE CORRESPONDING DESIGN PROFESSIONAL REGISTERED IN THE STATE OF FLORIDA.
- MANUFACTURER TO PROVIDE DESIGN AND SEALED SHOP DRAWINGS FOR SCOREBOARD FOOTING.
- ALL ATHLETIC FIELDS TO BE CONSTRUCTED AND LASER GRADED BY A CERTIFIED SPORTS FIELD CONTRACTOR (SEE SPECIFICATIONS).

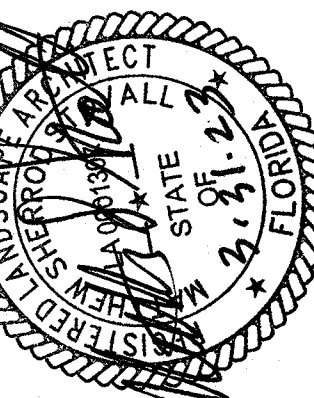
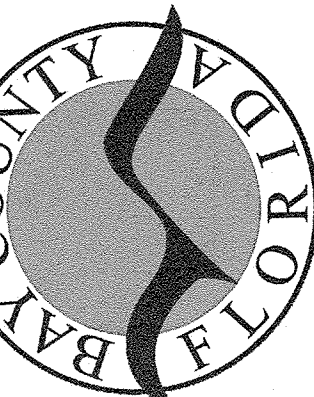


**1 FIELDS 4, 6, & INFIELD OF 5 LAYOUT**  
L7.01 1" = 20'

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**200' FIELD LAYOUT**  
 SITE IMPROVEMENTS FOR  
**SOUTHPORT SPORTS COMPLEX**  
 BAY COUNTY, FL

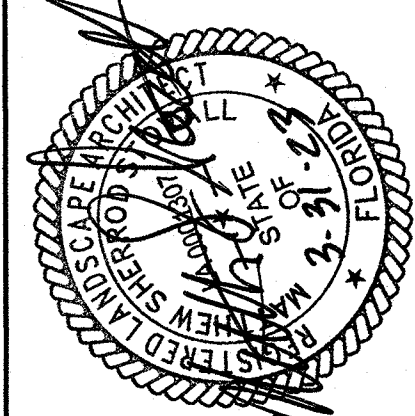
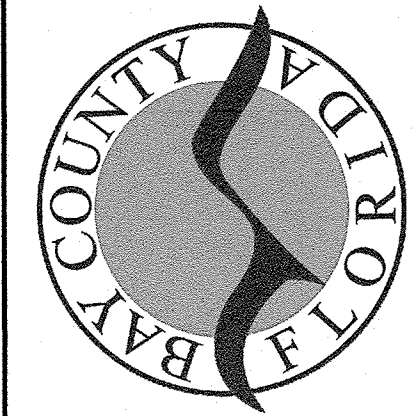
REV.	DR.	DATE	DESCRIPTION
1	MS	07/01/2022	ISSUED FOR PERMIT
2	MS	06/25/2022	90% REVIEW
3	MS	03/29/2022	RESUBMITTED PER COUNTY COMMENTS

**APPROVED AS NOTED**

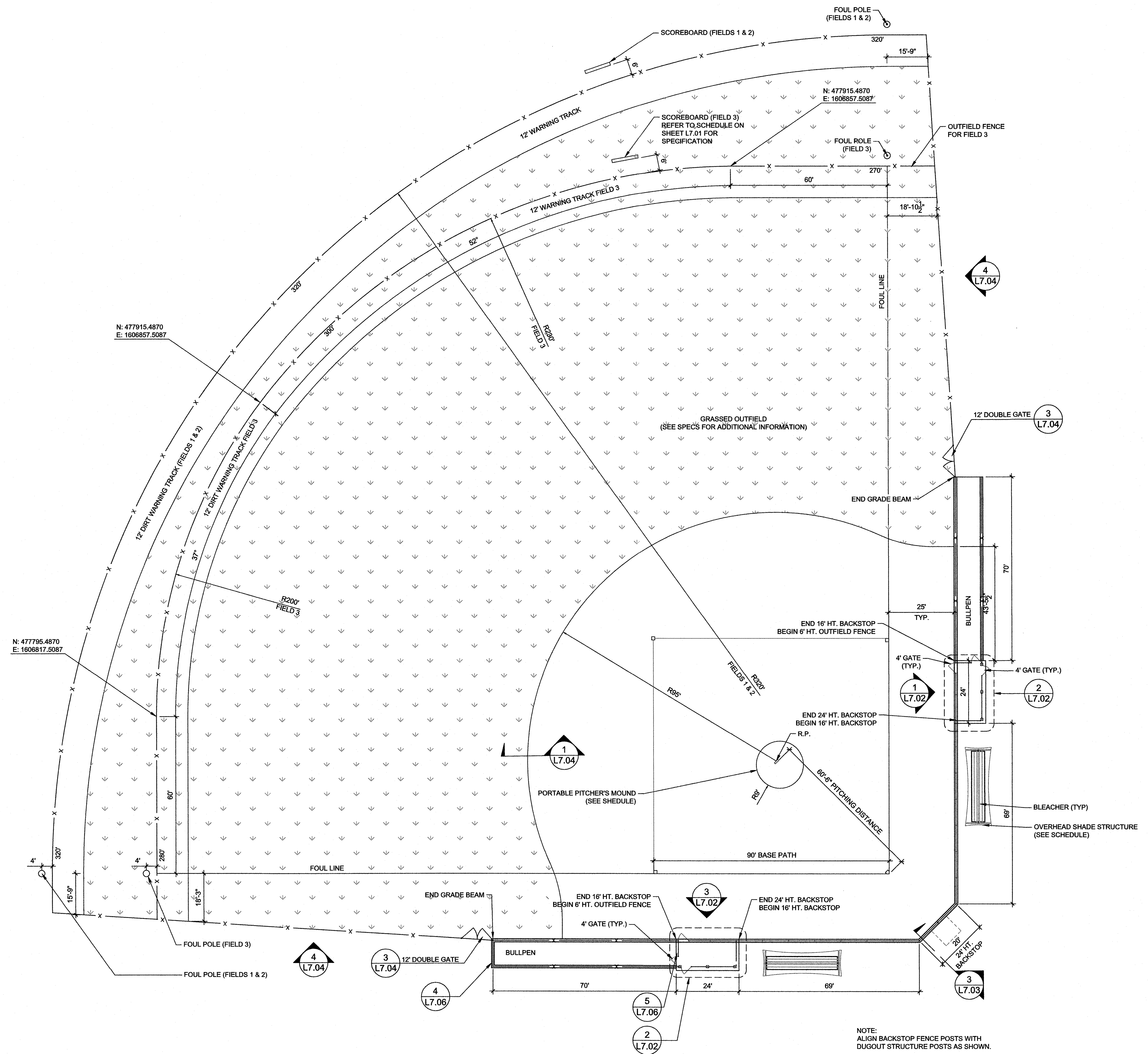
Matthew J. Barge  
Professional Engineer  
Bay County, FL  
PLANNING DIVISION

**L7.01**

37237-01



300' & 320' FIELD LAYOUTS  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL



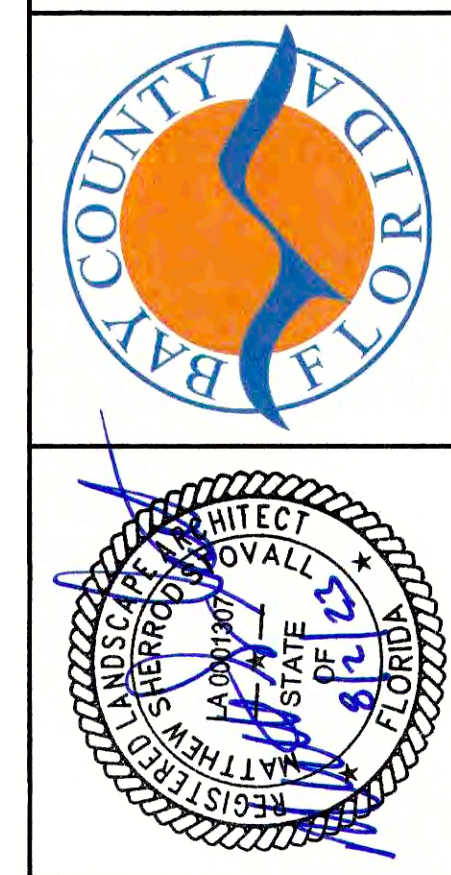
1 L7.01A FIELDS 1, 2 & 3 LAYOUT  
1" = 20'

**RECEIVED**  
 JUN 07 2023  
 BAY COUNTY  
 PLANNING AND ZONING

REV	DR	DATE	DESCRIPTION
A	MS	05/10/2022	50% REVIEW
B	JAL	07/01/2022	50% REVIEW
C	JAL	08/25/2022	ISSUED FOR PERMIT
D	JAL	09/20/2022	REVISED PER COUNTY COMMENTS
E	JAL	10/20/2022	REVISED PER COUNTY COMMENTS

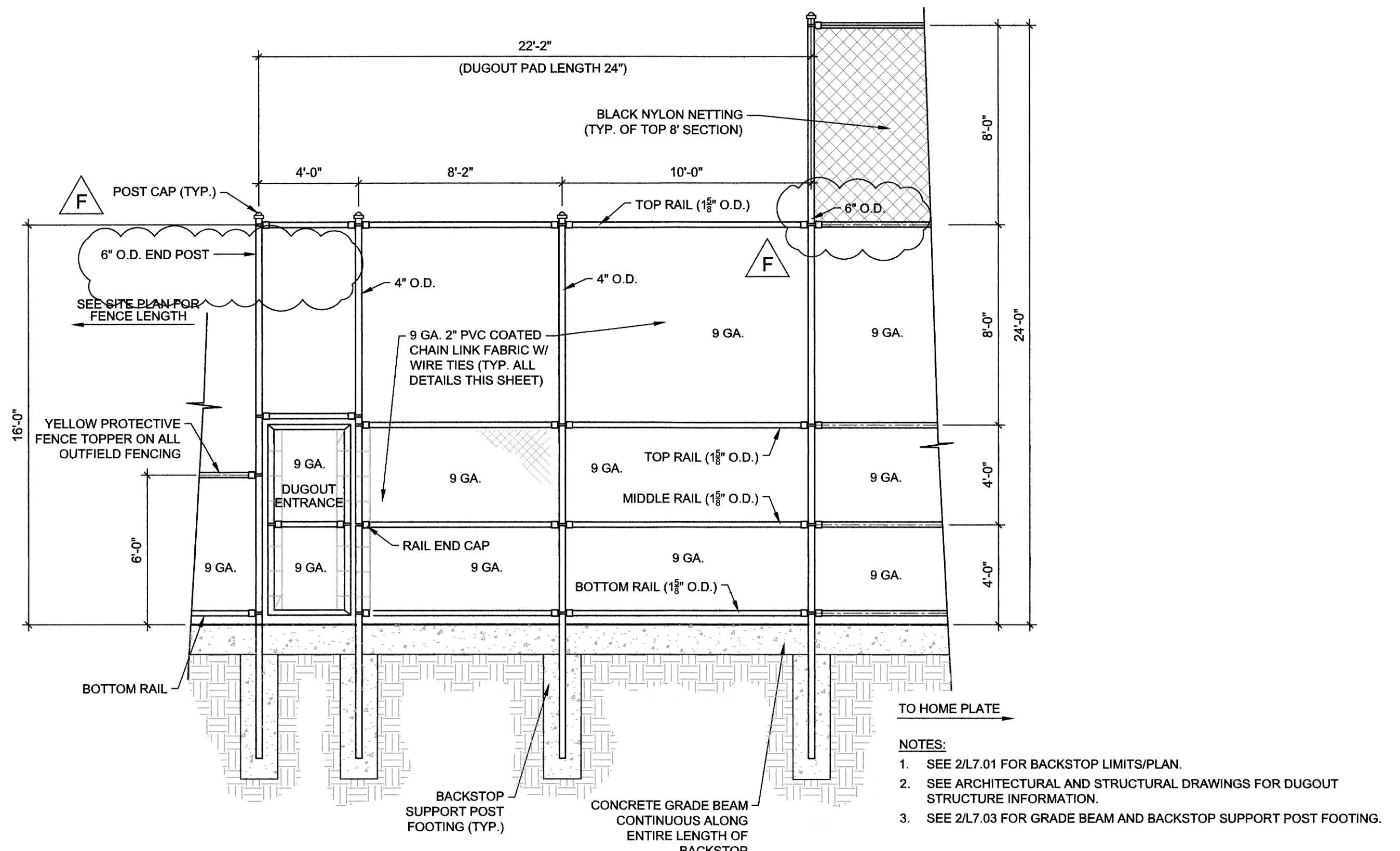
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L7.01A



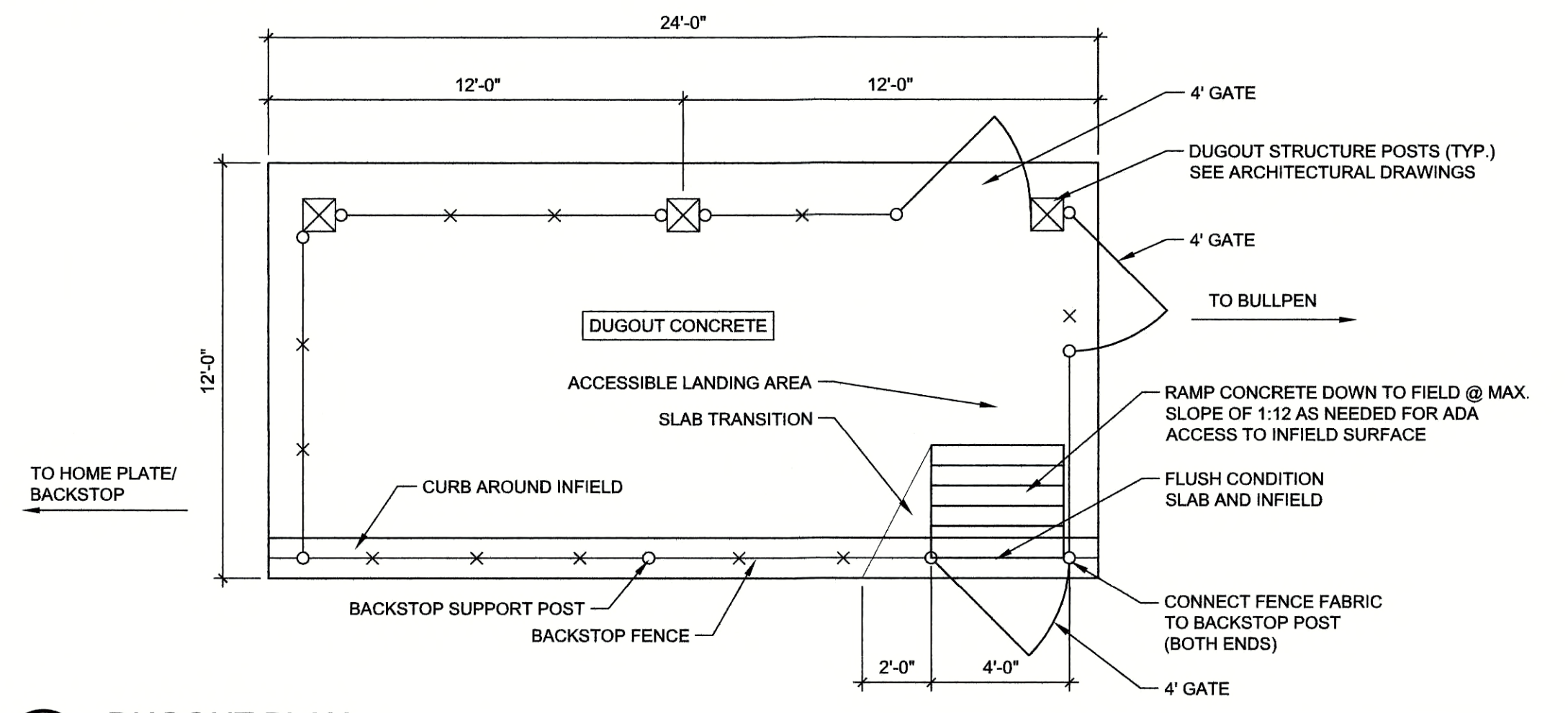
**DUGOUT DETAILS**  
SITE IMPROVEMENTS FOR  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

REV.	DR.	CHK.	DATE	DESCRIPTION
A	JAL	MSS	05/10/2022	60% REVIEW
B	JAL	MSS	06/24/2022	ISSUED FOR PERMIT
C	JAL	MSS	12/19/2022	ISSUED FOR PERMIT
D	JAL	MSS	03/30/2023	REVISED PER COUNTY COMMENTS
E	JAL	MSS	08/22/2023	REVISED FENCE POST SIZES

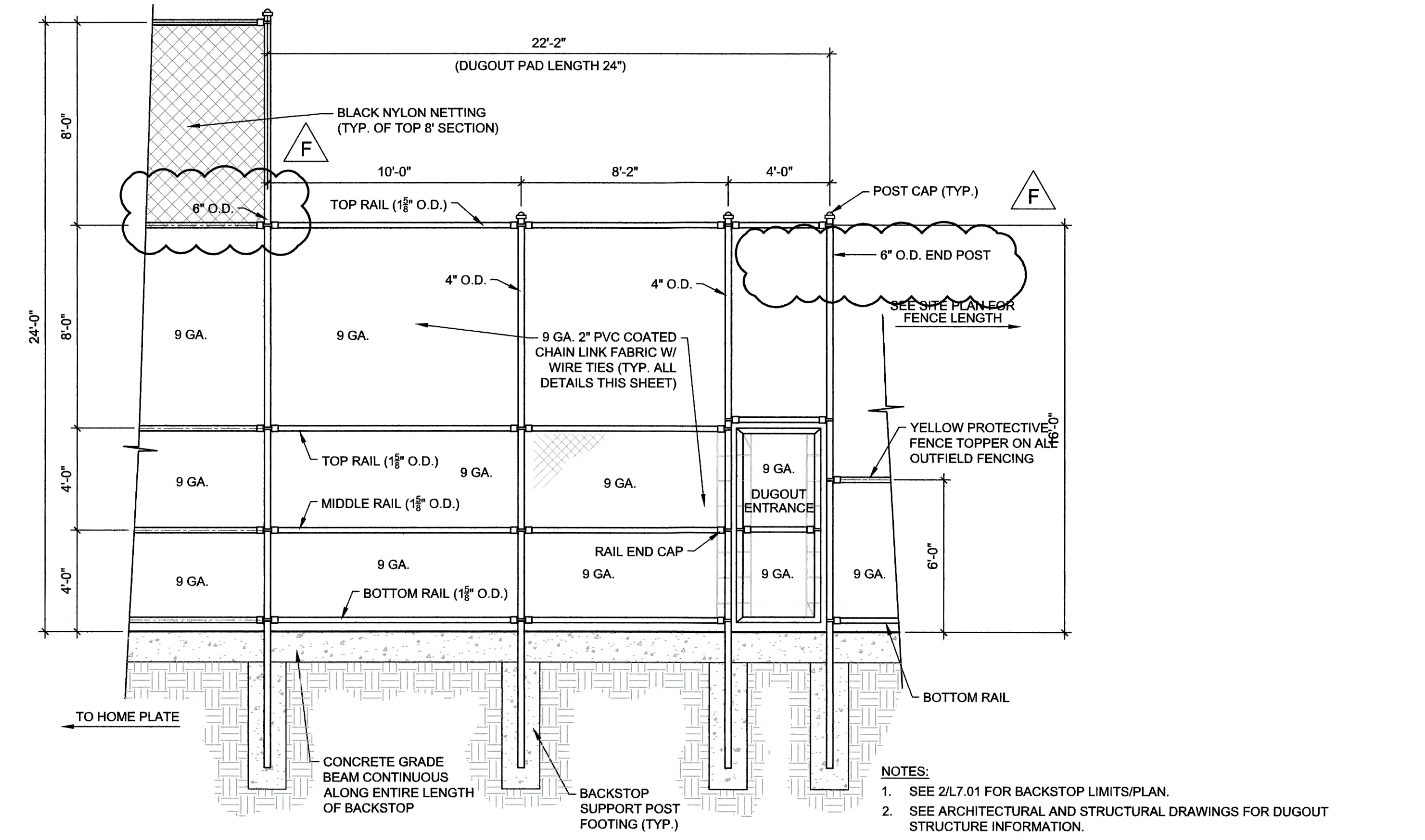


**1** TYPICAL FIRST BASE DUGOUT ELEVATION  
L7.02 1/4" = 1'-0"

NOTE:  
SEE ARCHITECTURAL FOR DUGOUT SUPPORT  
INFORMATION AND MEASUREMENTS



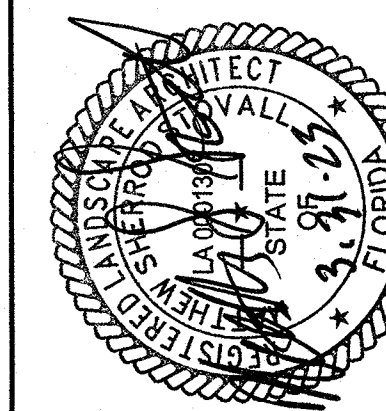
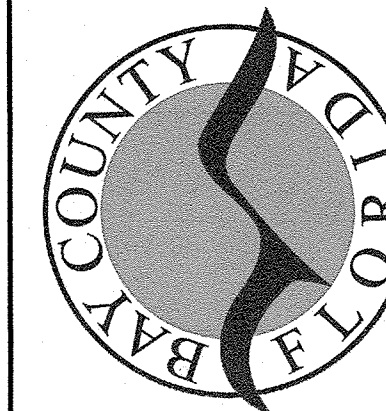
**2** DUGOUT PLAN  
L7.02 1/4" = 1'-0"



**3** TYPICAL THIRD BASE DUGOUT ELEVATION  
L7.02 1/4" = 1'-0"

- NOTES:**
- SEE 2/L7.01 FOR BACKSTOP LIMITS/PLAN.
  - SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DUGOUT STRUCTURE INFORMATION.
  - SEE 2/L7.03 FOR GRADE BEAM AND BACKSTOP SUPPORT POST FOOTING.



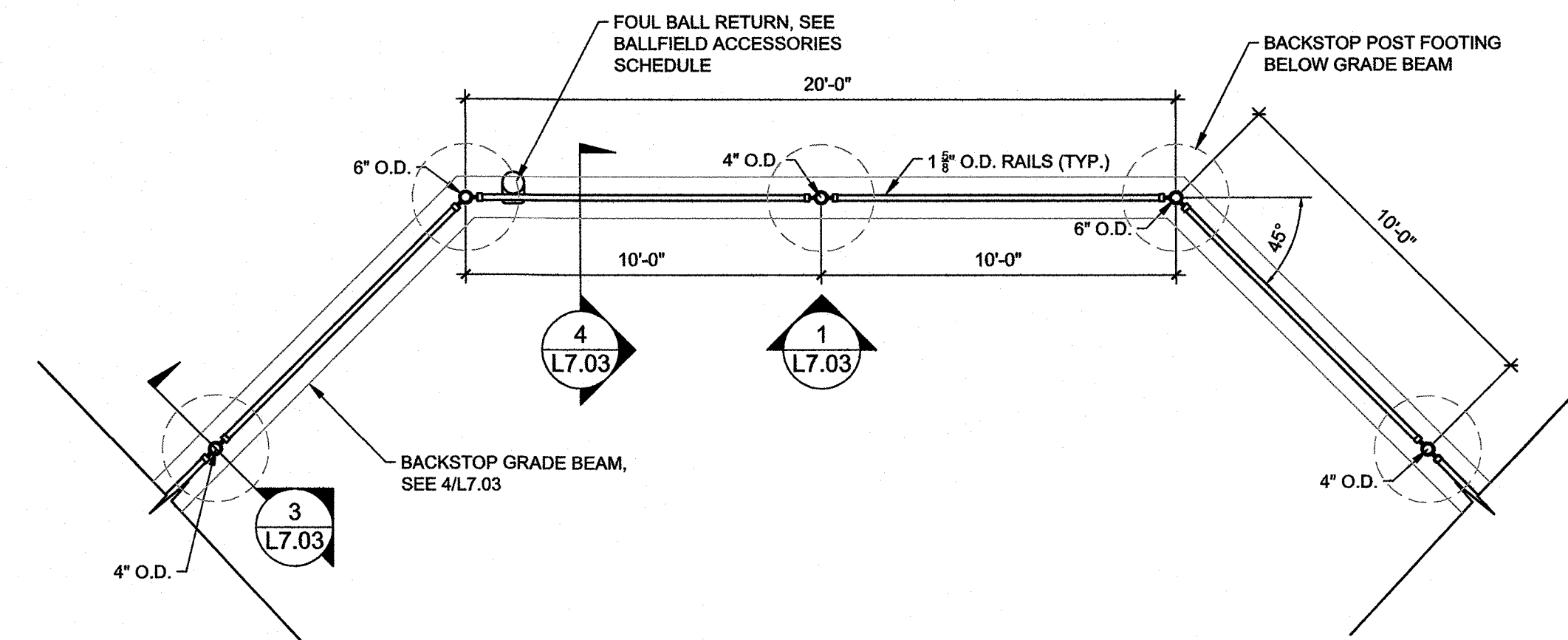
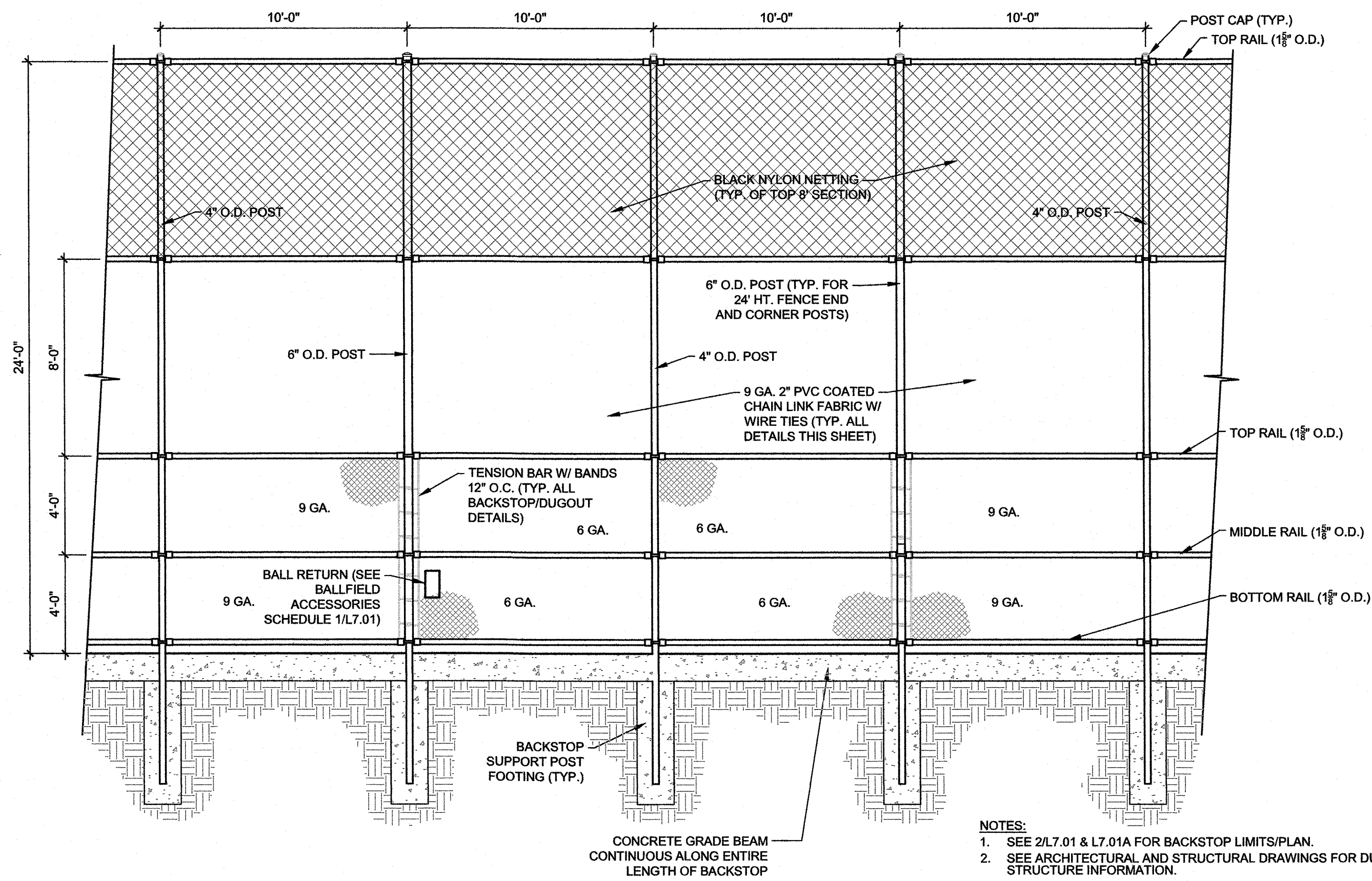


FIELD DETAILS  
SITE IMPROVEMENTS FOR  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

REV.	DATE	DESCRIPTION
A	06/10/2022	ISSUANCE
B	07/01/2022	90% REVIEW
C	08/25/2022	ISSUED FOR PERMIT
D	10/20/2022	REVISED PER COUNTY COMMENTS

Matthew J. Givens  
Professional Engineer  
State of Florida  
License No. 12573

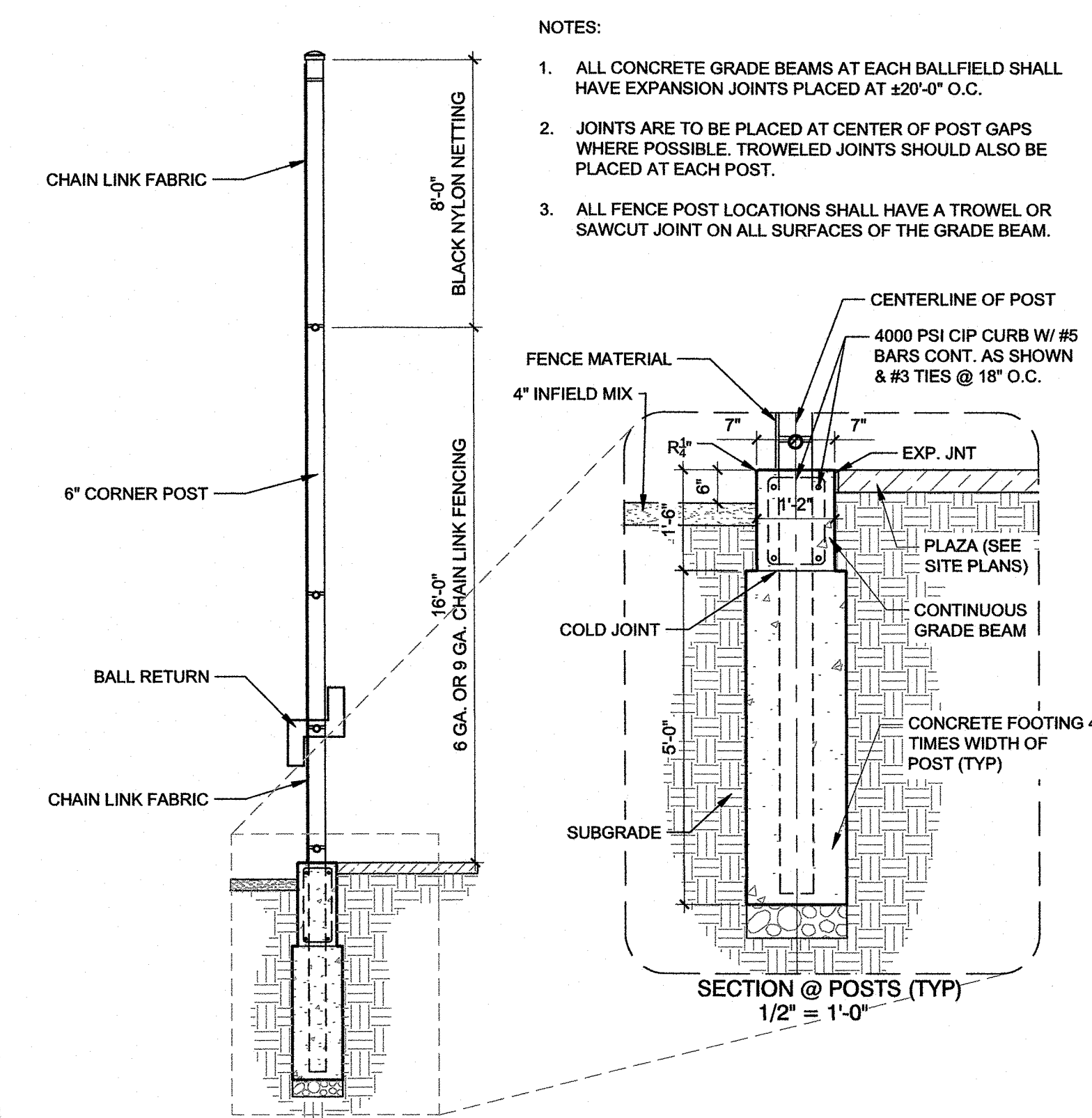
**L7.03**  
37237-01



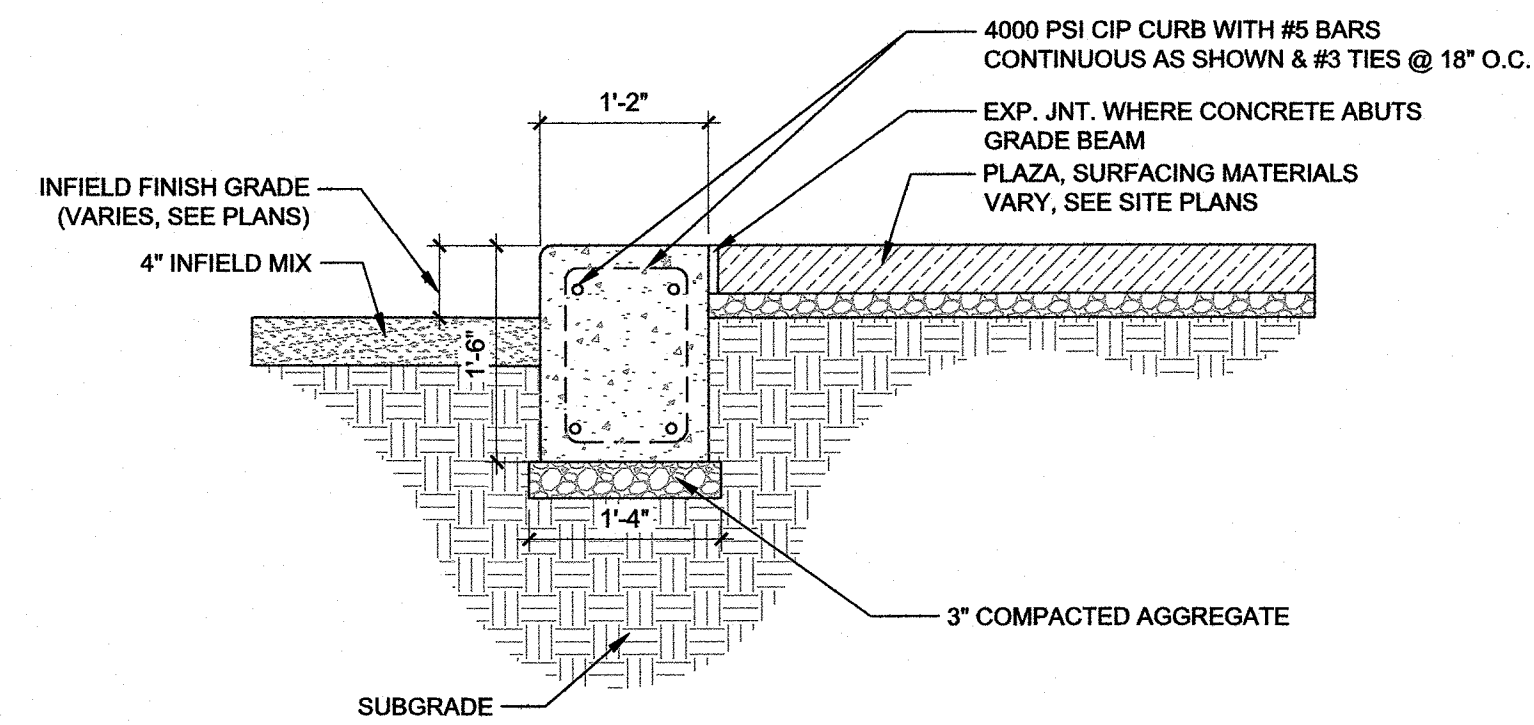
- NOTES:
- SEE 2/L7.01 & L7.01A FOR BACKSTOP LIMITS/PLAN.
  - SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DUGOUT STRUCTURE INFORMATION.
  - SEE 3/L7.03 FOR GRADE BEAM AND BACKSTOP SUPPORT POST FOOTING.

**1** BACKSTOP ELEVATION -  
L7.03 1/4" = 1'-0"

**2** BACKSTOP PLAN  
L7.03 1/4" = 1'-0"



- NOTES:
- ALL CONCRETE GRADE BEAMS AT EACH BALLFIELD SHALL HAVE EXPANSION JOINTS PLACED AT  $\pm 20'-0"$  O.C.
  - JOINTS ARE TO BE PLACED AT CENTER OF POST GAPS WHERE POSSIBLE. TROWELED JOINTS SHOULD ALSO BE PLACED AT EACH POST.
  - ALL FENCE POST LOCATIONS SHALL HAVE A TROWEL OR SAWCUT JOINT ON ALL SURFACES OF THE GRADE BEAM.

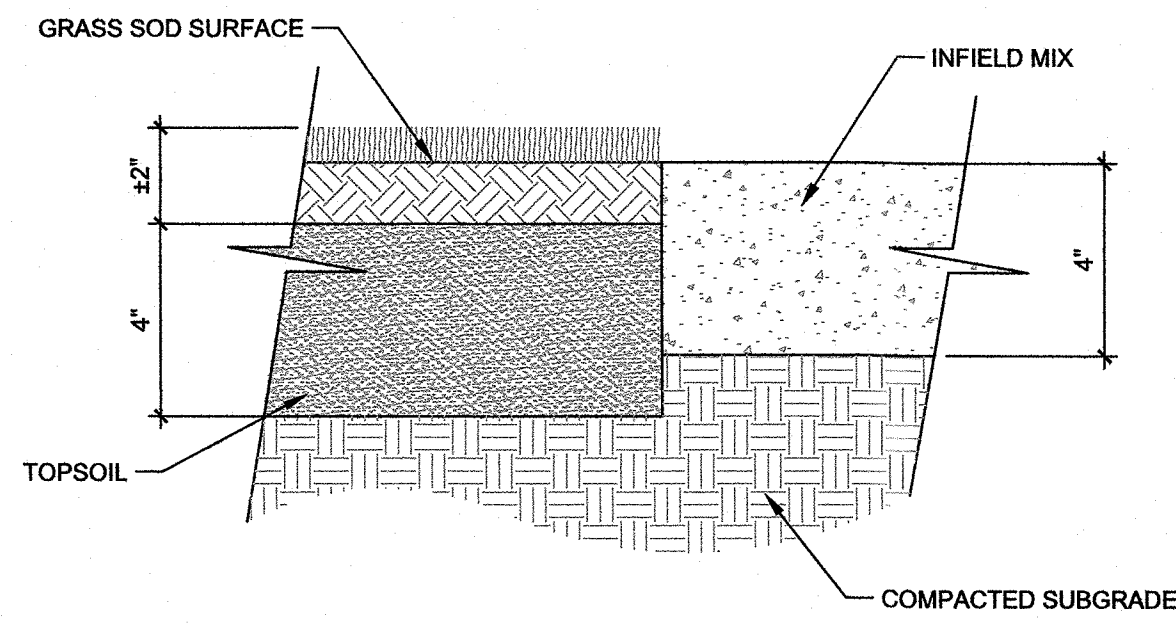


**4** BACKSTOP GRADE BEAM  
L7.03 3/4" = 1'-0"

**3** SECTION THROUGH BACKSTOP  
L7.03 1/2" = 1'-0"

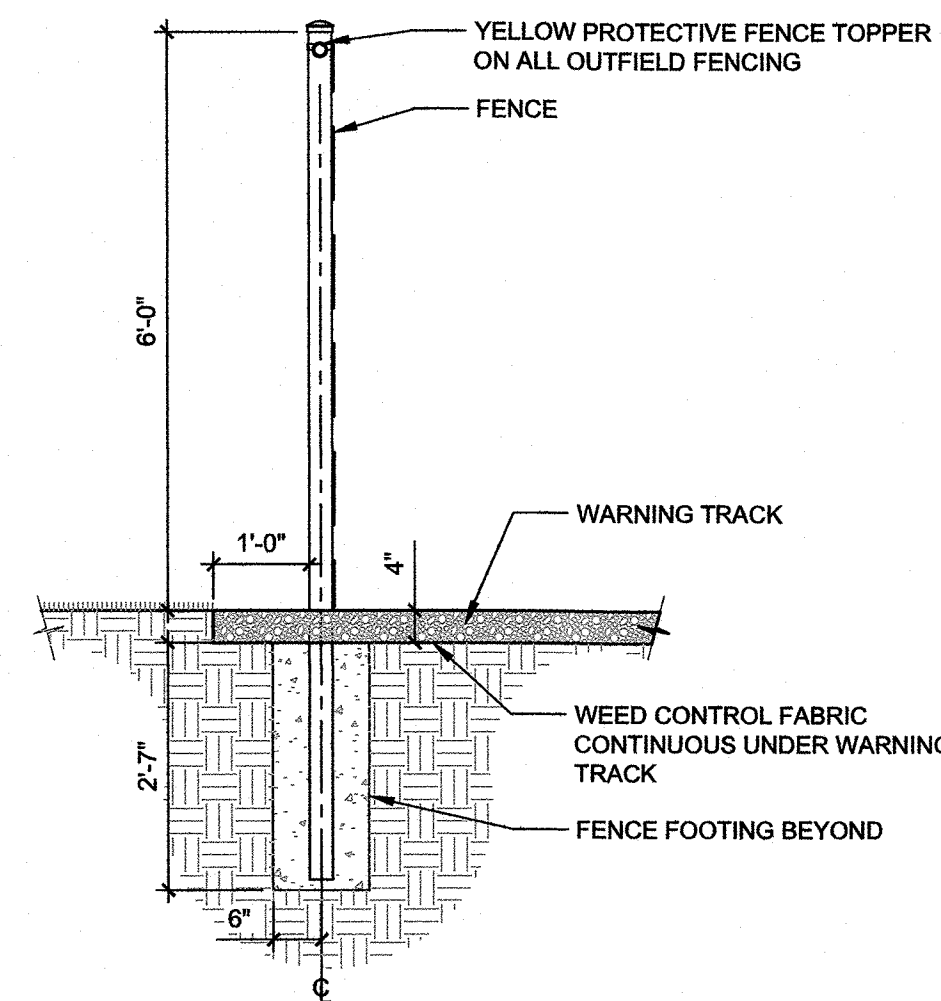
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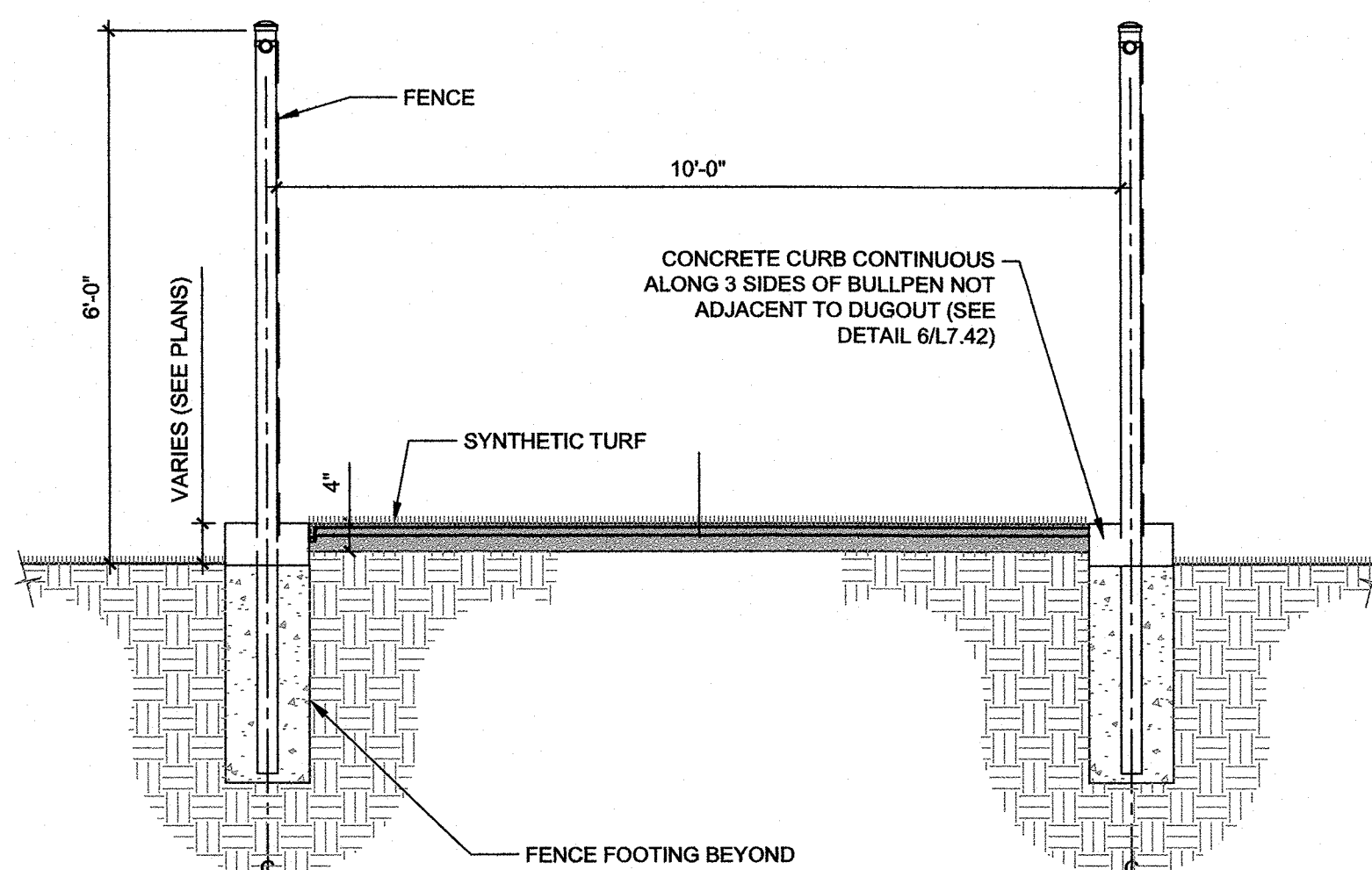


NOTES:  
1. SEE PROJECT MANUAL FOR TOPSOIL AND INFIELD MIX SPECIFICATIONS.

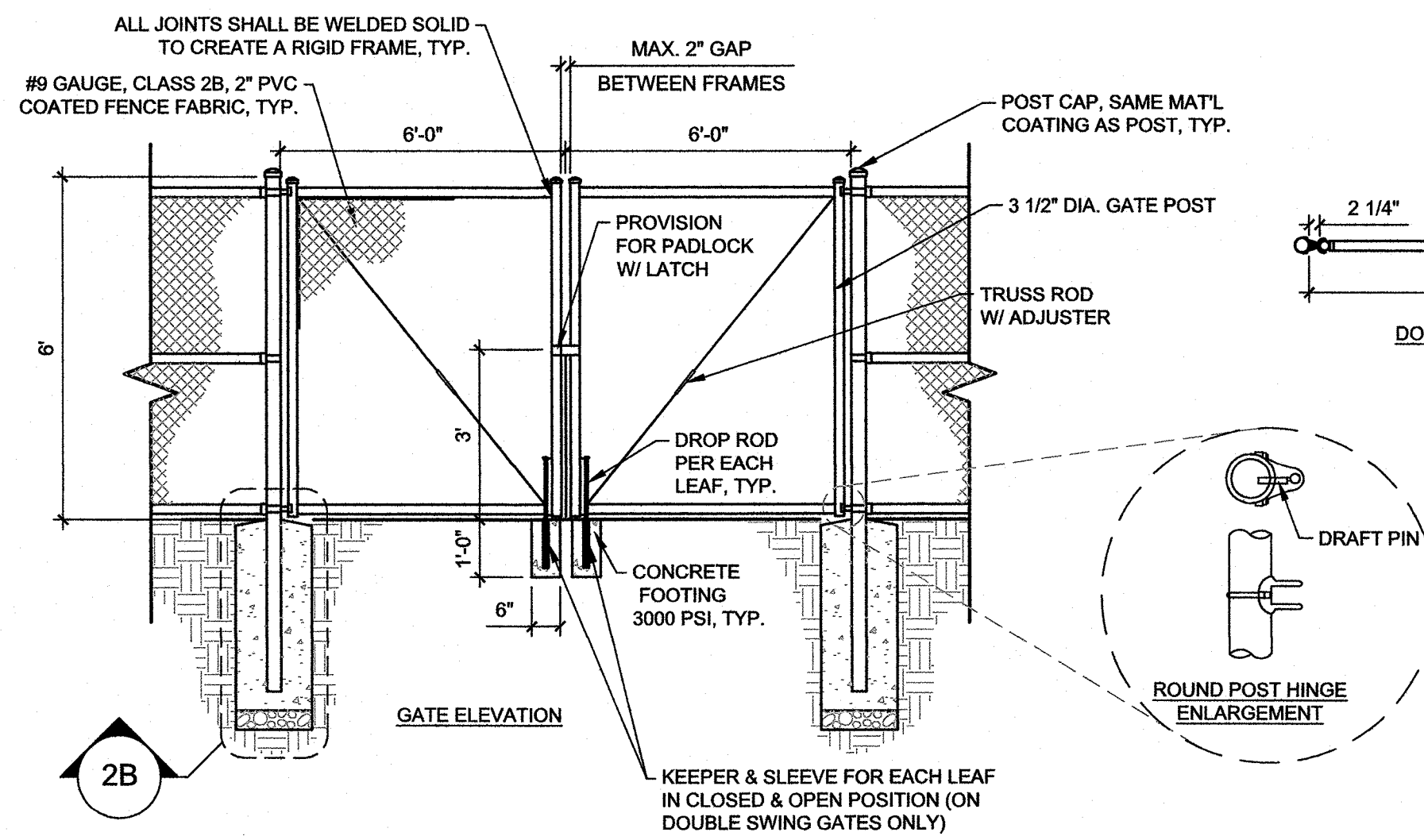
1 INFIELD / OUTFIELD SECTION  
3" = 1'-0"



2 FENCE WARNING TRACK EDGE DETAIL  
1/2" = 1'-0"



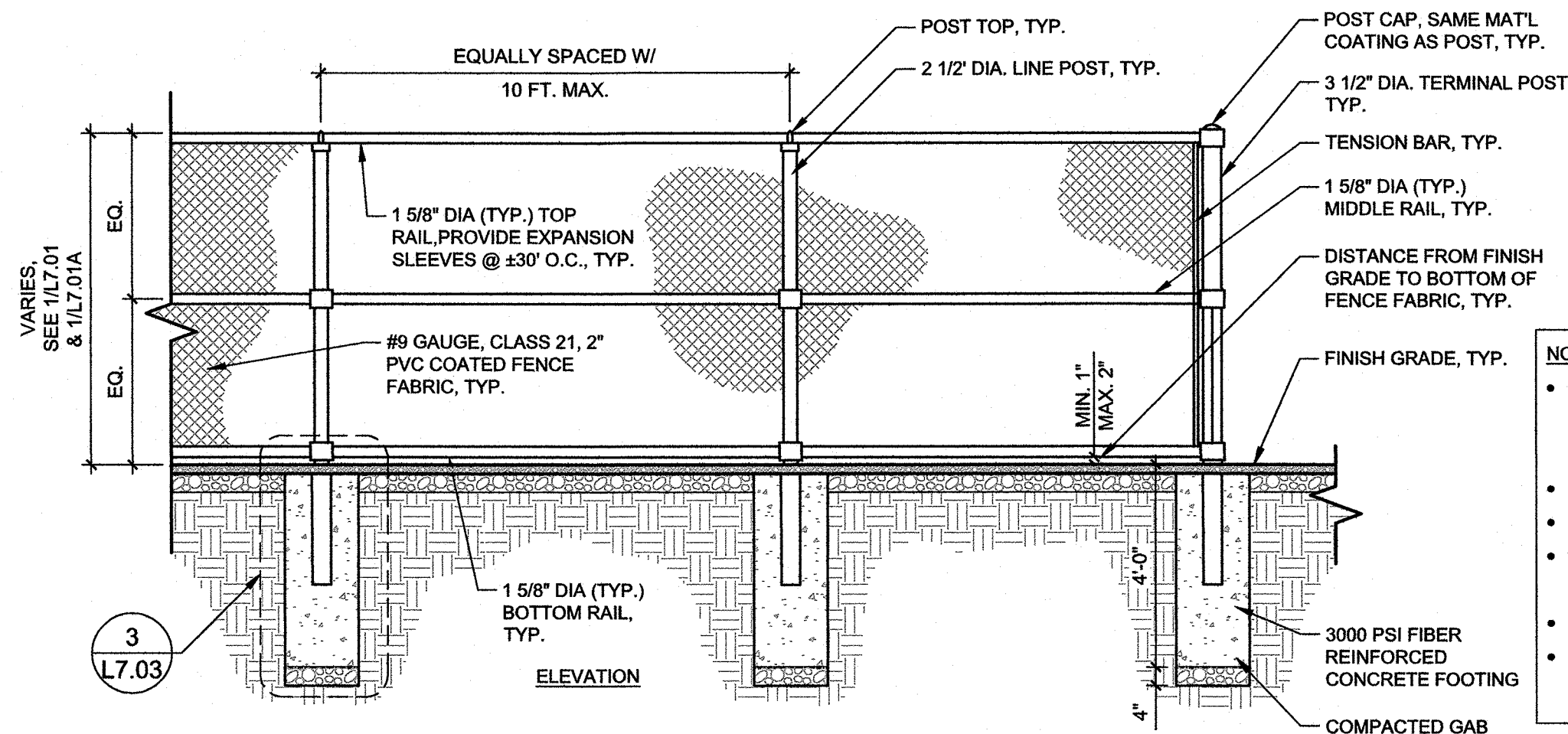
5 BULLPEN SECTION  
1/2" = 1'-0"



NOTE:  
1. HINGES SHALL BE HEAVY-DUTY SELF-CLOSING HINGES W/ OFFSET ORIENTATION, TO BE APPROVED BY OWNER'S REPRESENTATIVE.

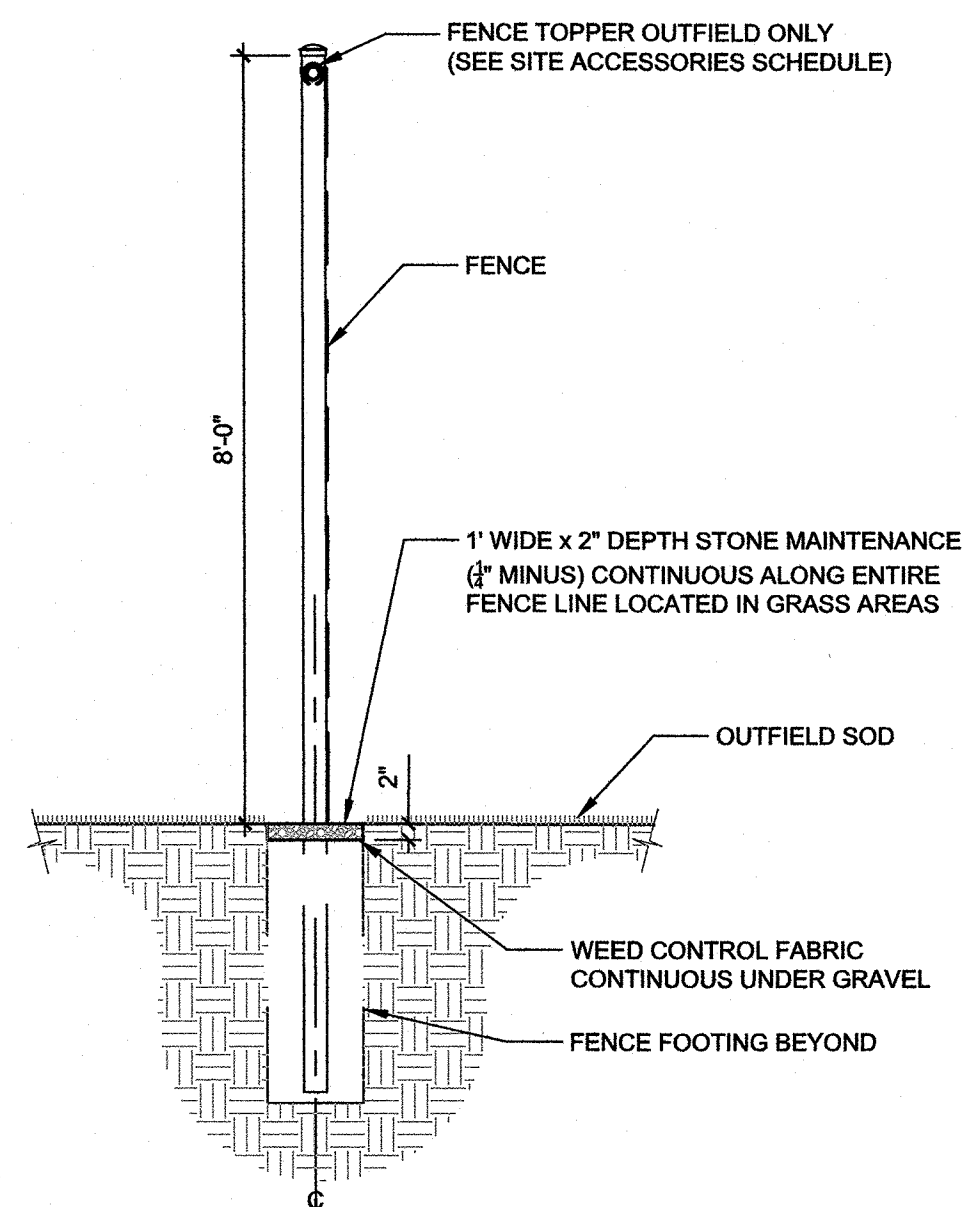
NOTES FOR ALL VINYL CHAIN LINK GATES:  
1. SEE SPECIFICATIONS FOR POST & FRAMING SIZES UNLESS NOTED ON PLANS  
2. FENCE FABRIC SHALL BE CLASS 2B, 9 GAUGE 2" PVC COATED.  
3. ALL FOOTING WIDTHS SHALL BE 4 TIMES THE POST WIDTH  
4. MIN. FOOTING DEPTH OF 24" PLUS AN ADDITIONAL 3" FOR EACH 1" INCREASE IN THE HEIGHT OVER 4'

3 CHAIN LINK FENCE DOUBLE GATE  
3/8" = 1'-0"



NOTES FOR ALL VINYL CHAIN LINK FENCING:  
• FENCE FABRIC AND ACCESSORIES TO BE KNUCKLED AT TOP & BOTTOM. ELEVATION SHALL BE FLUSH W/ TOP OF TOP RAIL AND W/ BOTTOM OF BOTTOM RAIL. FENCE FABRIC SHALL BE INSTALLED ON THE INSIDE OF ALL POSTS. BANDS 12" O.C., TIES 18" O.C..  
• TIES MUST BE FOLDED OVER IF TWISTED BY MECHANICAL MEANS.  
• SEE SPECIFICATIONS FOR POST & FRAMING SIZES UNLESS NOTED ON PLANS  
• FENCE FABRIC SHALL BE CLASS 21, 6 OR 9 GAUGE 2" PVC COATED. ALL FENCE FABRIC & MATERIALS SHALL BE BLACK  
• ALL FOOTING WIDTHS SHALL BE 4 TIMES THE POST WIDTH  
• MIN. FOOTING DEPTH OF 36" PLUS AN ADDITIONAL 3" FOR EACH 1" INCREASE IN THE HEIGHT OVER 4'

4 BLACK VINYL CHAIN LINK FENCE  
3/8" = 1'-0"

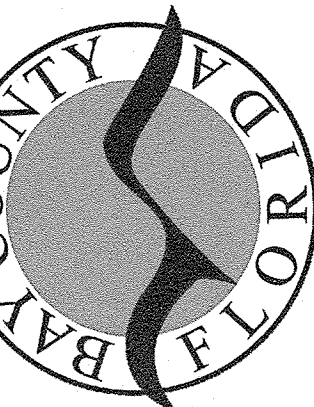


6 FENCE MAINTENANCE EDGE DETAIL (TYPICAL)  
1/2" = 1'-0"

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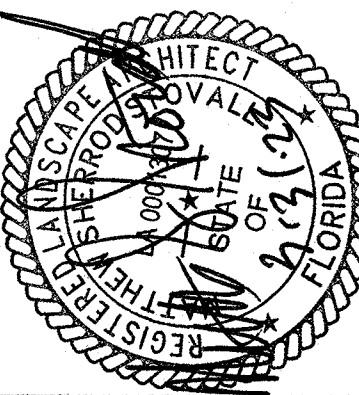


FIELD DETAILS  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL

REV.	OR	DATE	DESCRIPTION
A	JAL	05/10/2022	80% REVIEW
B	JAL	07/01/2022	90% REVIEW
C	JAL	08/25/2022	ISSUED FOR PERMIT
D	JAL	03/30/2023	REVISED PER COUNTY COMMENTS
E	JAL		APPROVED AS NOTED

L7.04

37237-01

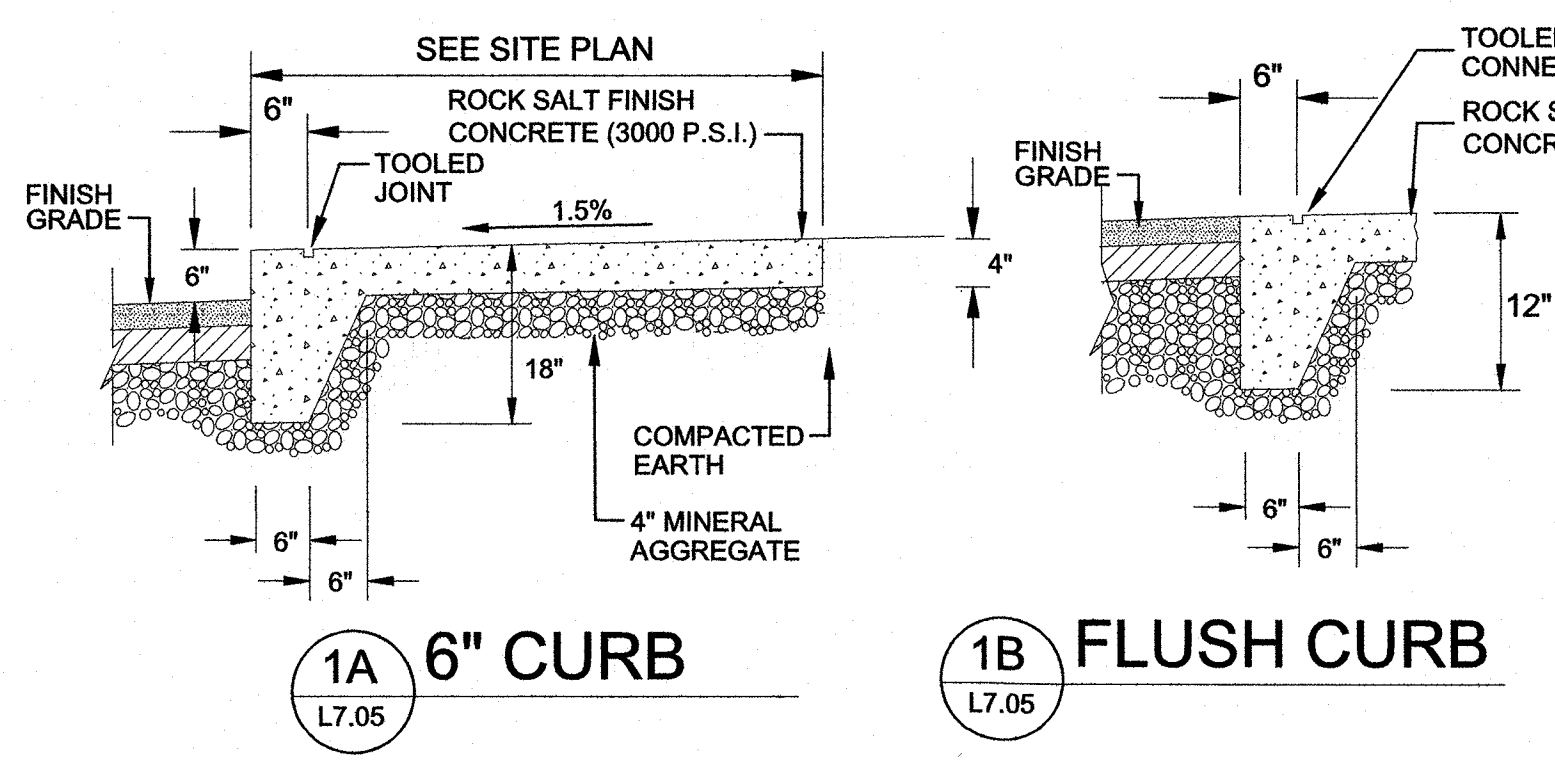


**SITE DETAILS**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
BAY COUNTY, FL

REV	DR	CHK	DATE	DESCRIPTION
A	JAL	MSS	05/10/2022	60% REVIEW
B	JAL	MSS	07/07/2022	80% REVIEW
C	JAL	MSS	09/25/2022	ISSUED FOR PERMIT
D	JAL	MSS	10/20/2022	REVISED PER COUNTY COMMENTS
E	JAL	MSS	10/20/2022	REVISED PER COUNTY COMMENTS

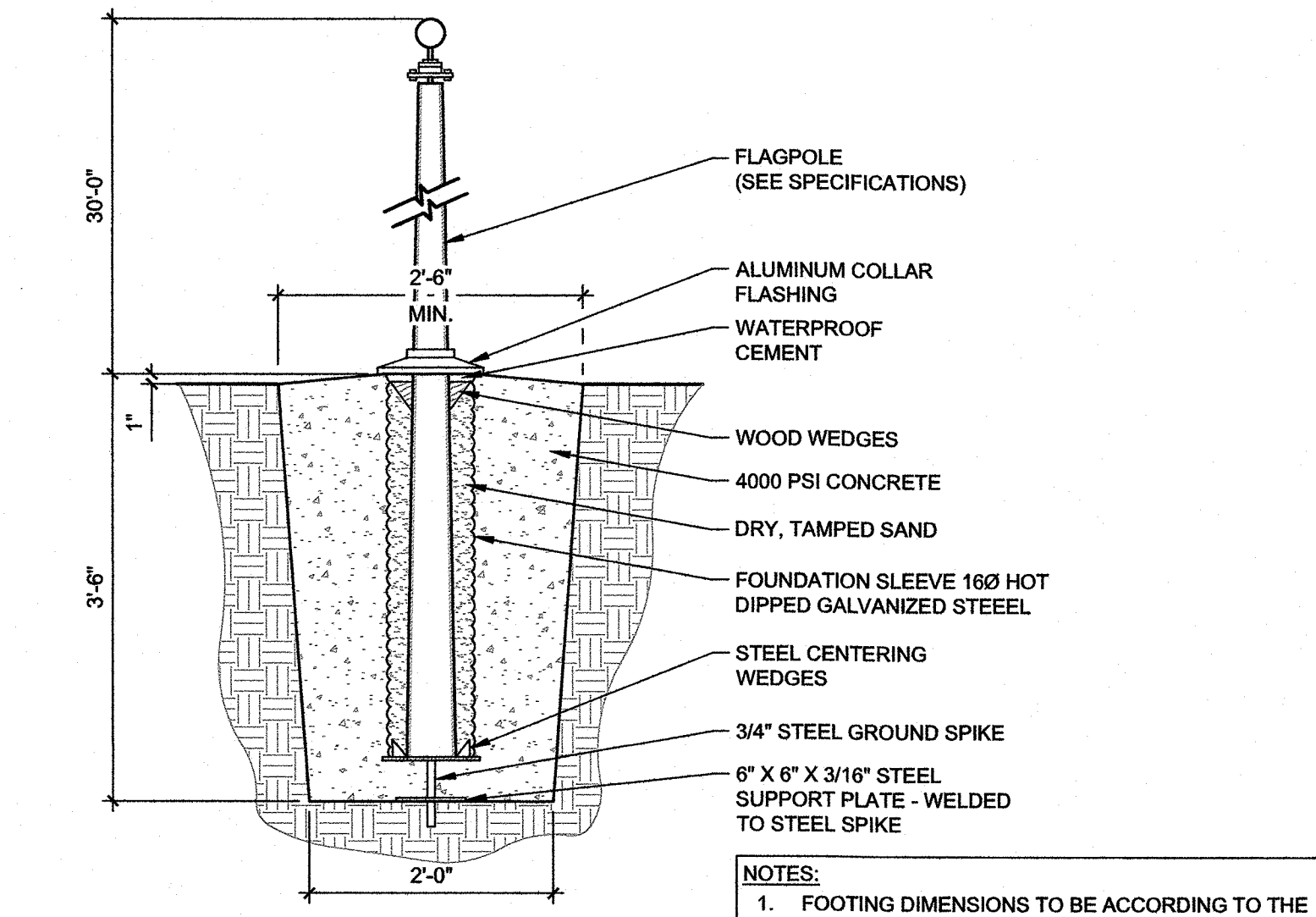
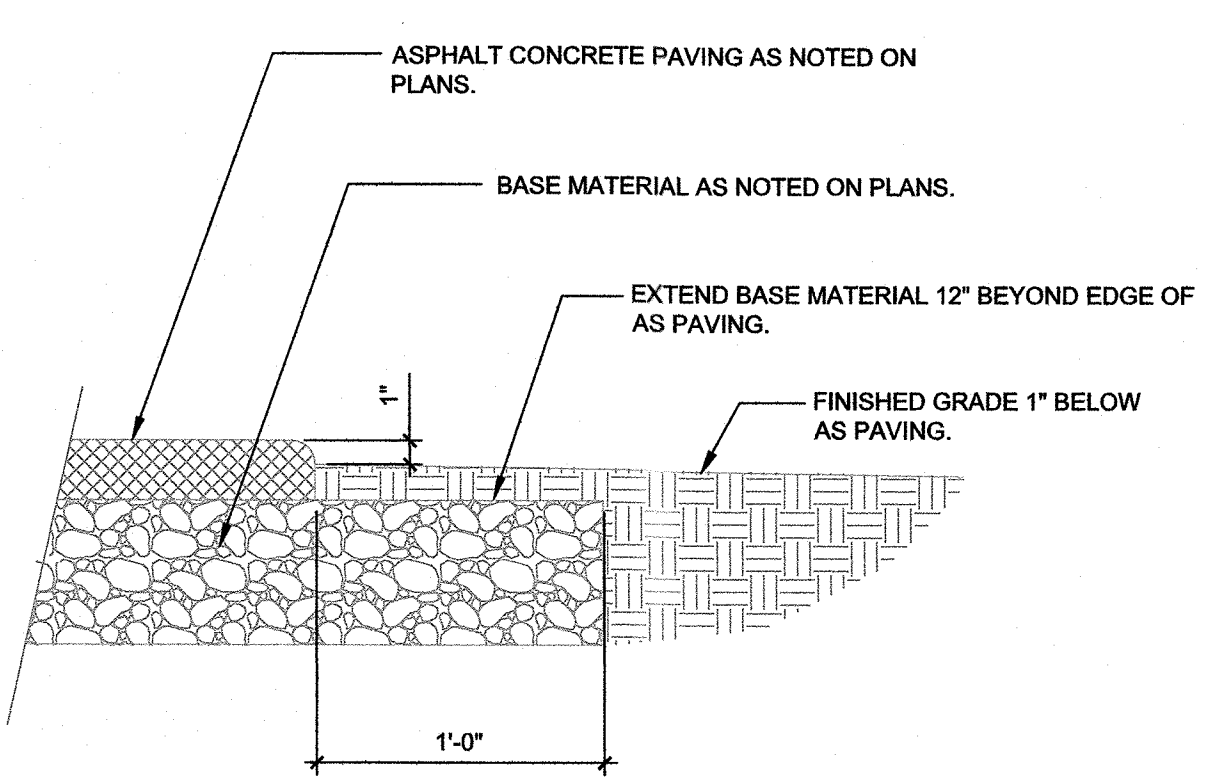
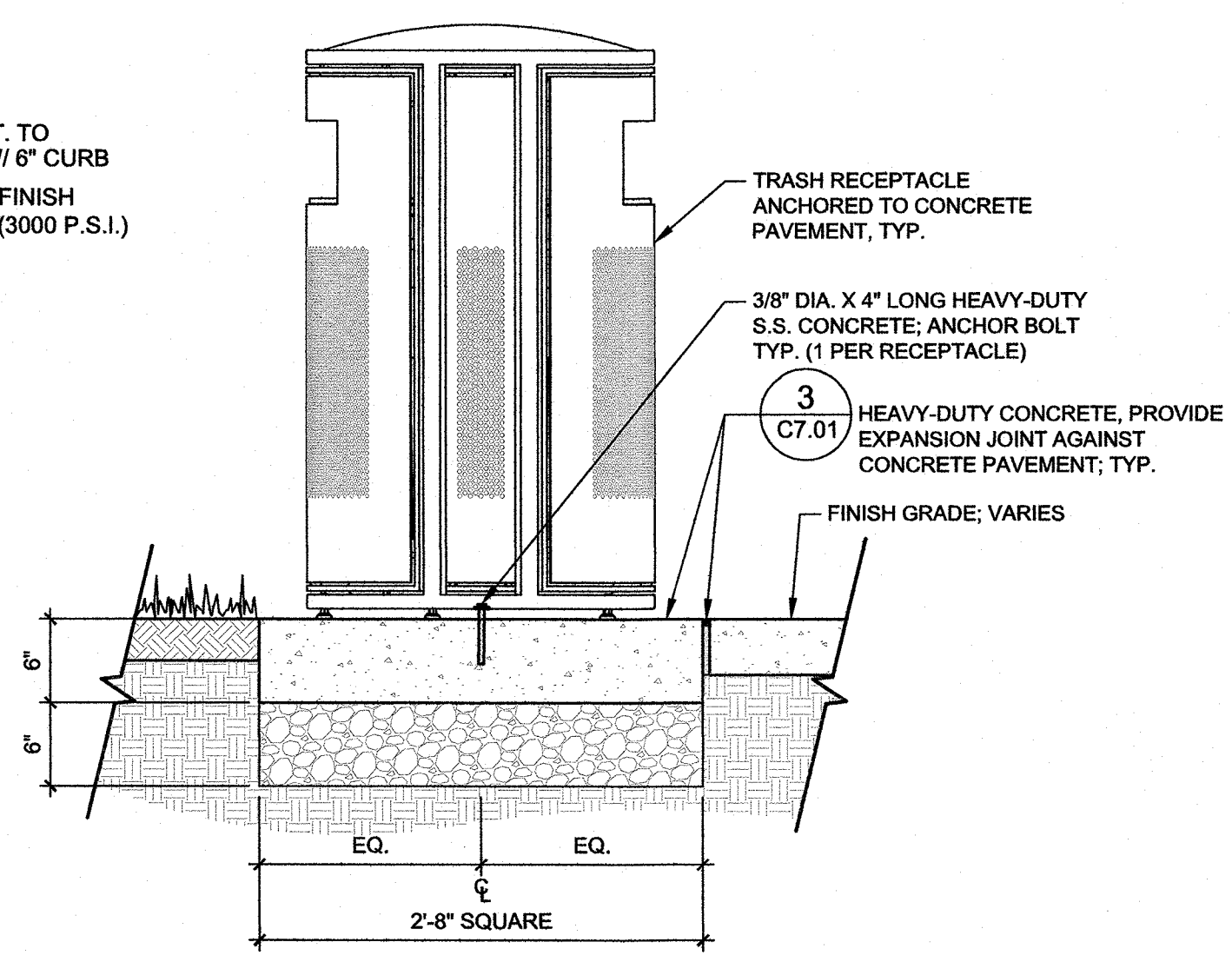
APPROVED AS NOTED

DR	JAL
CHK	MSS
DATE	10/20/2022
PROJECT	SOUTHPORT SPORTS COMPLEX
SCALE	AS SHOWN

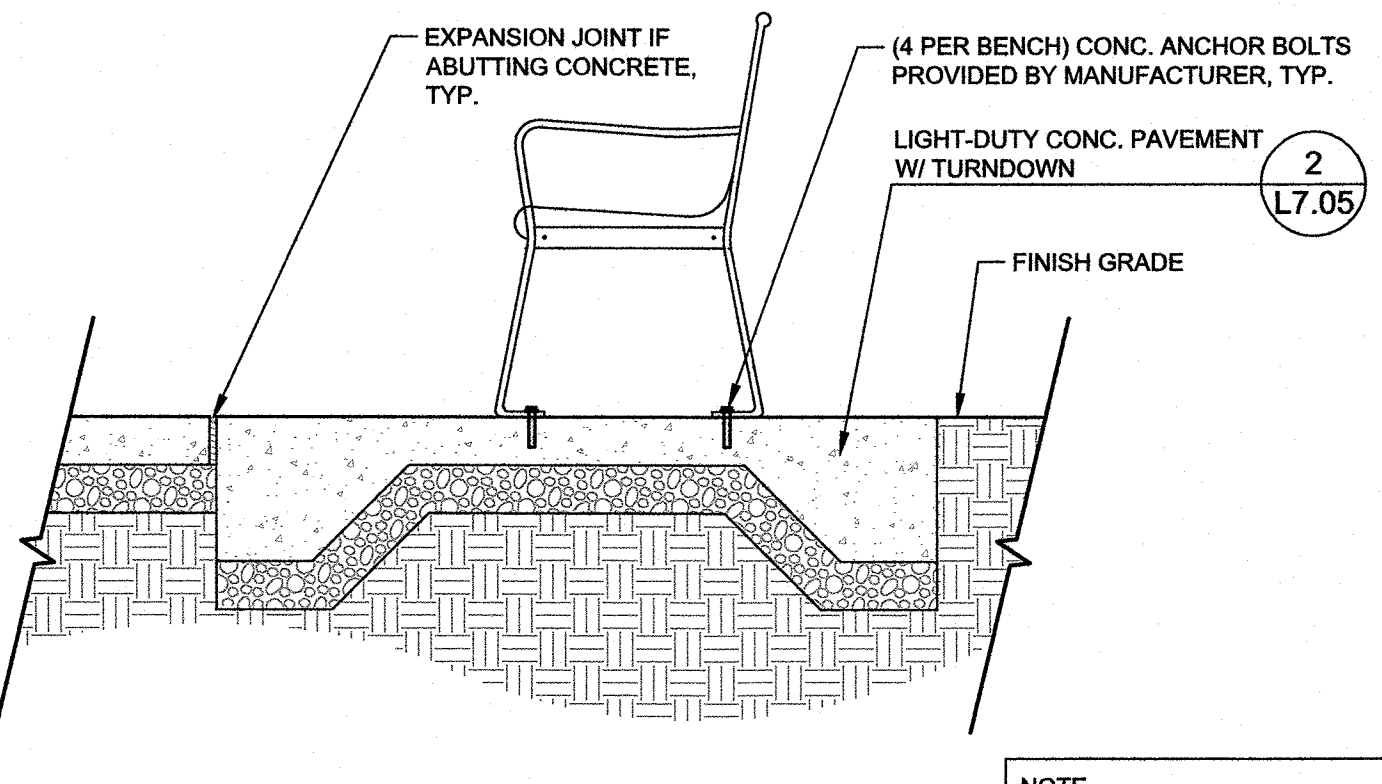


NOTE: PREFORMED 1/2" EXPANSION JOINTS SHALL BE EQUALLY SPACED AT 30' CENTERS AND 1/4" CONTRACTION JOINTS EQUALLY SPACED TO MATCH WIDTH OF WALK BETWEEN EXPANSION JOINTS.

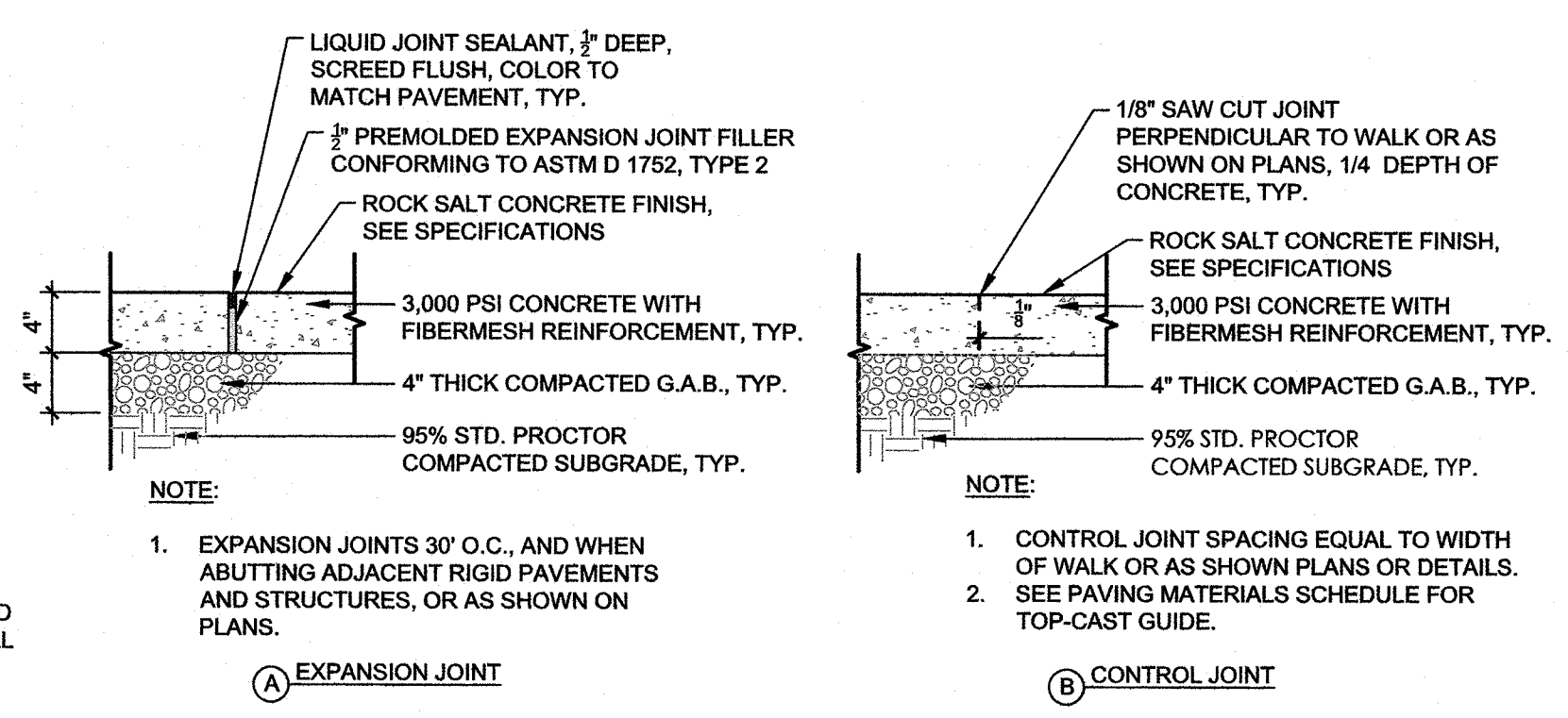
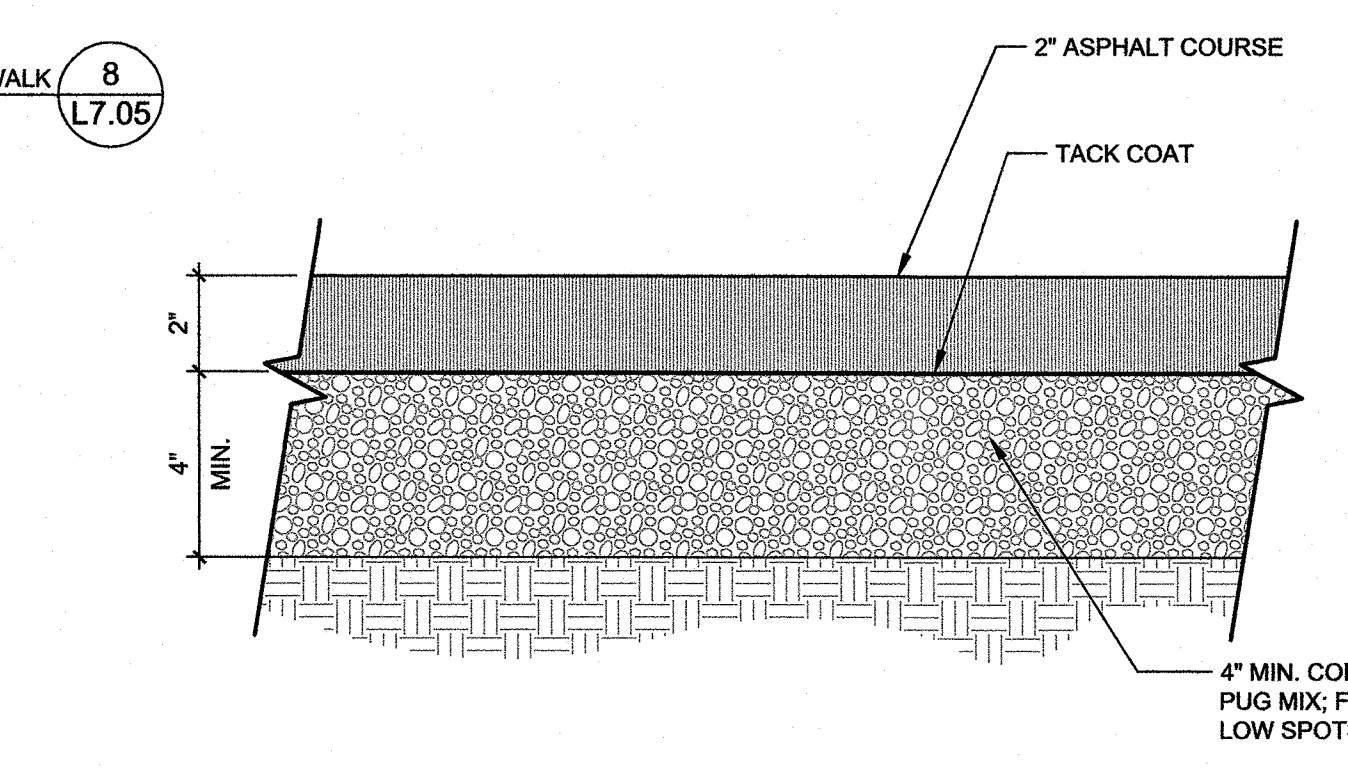
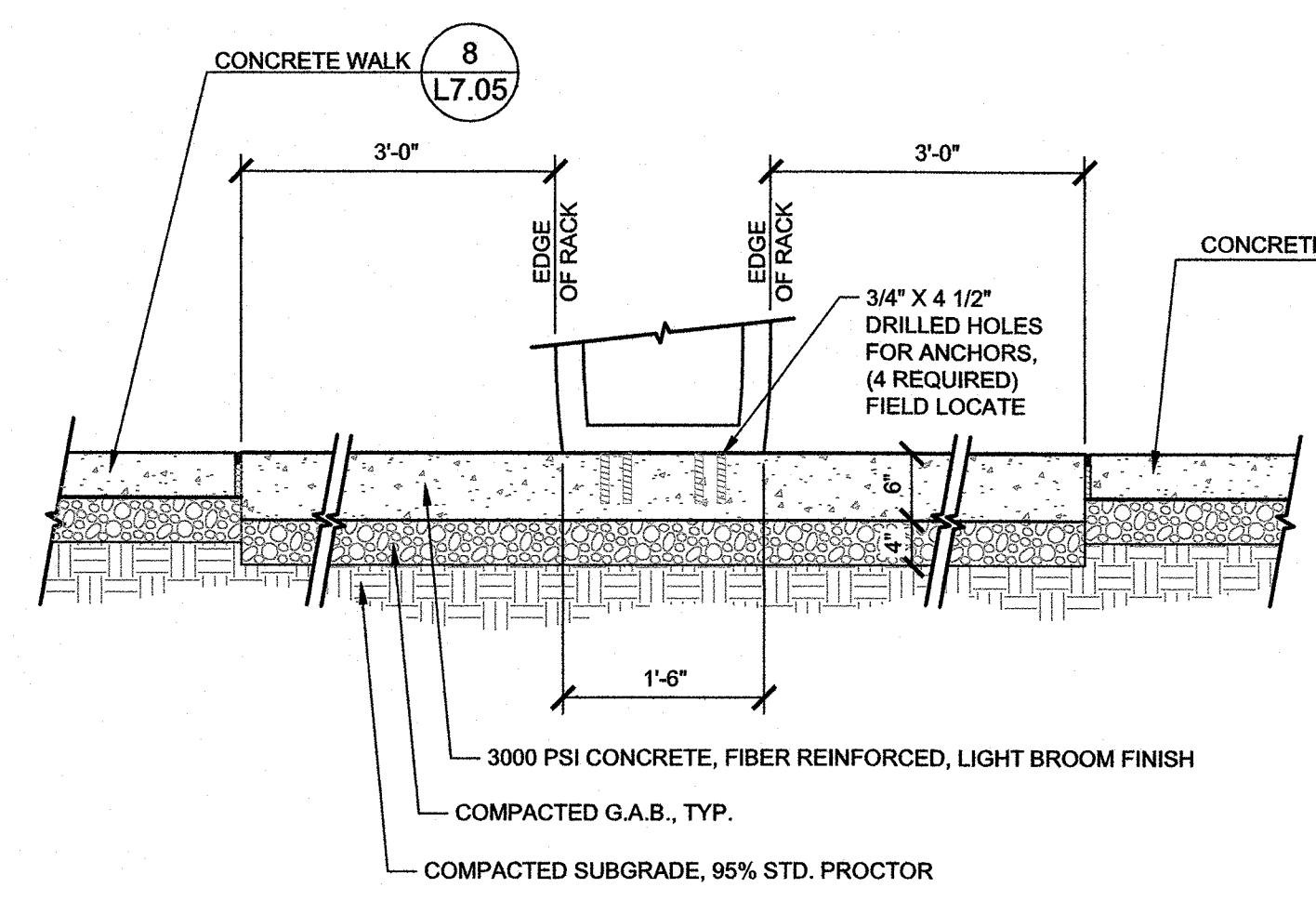
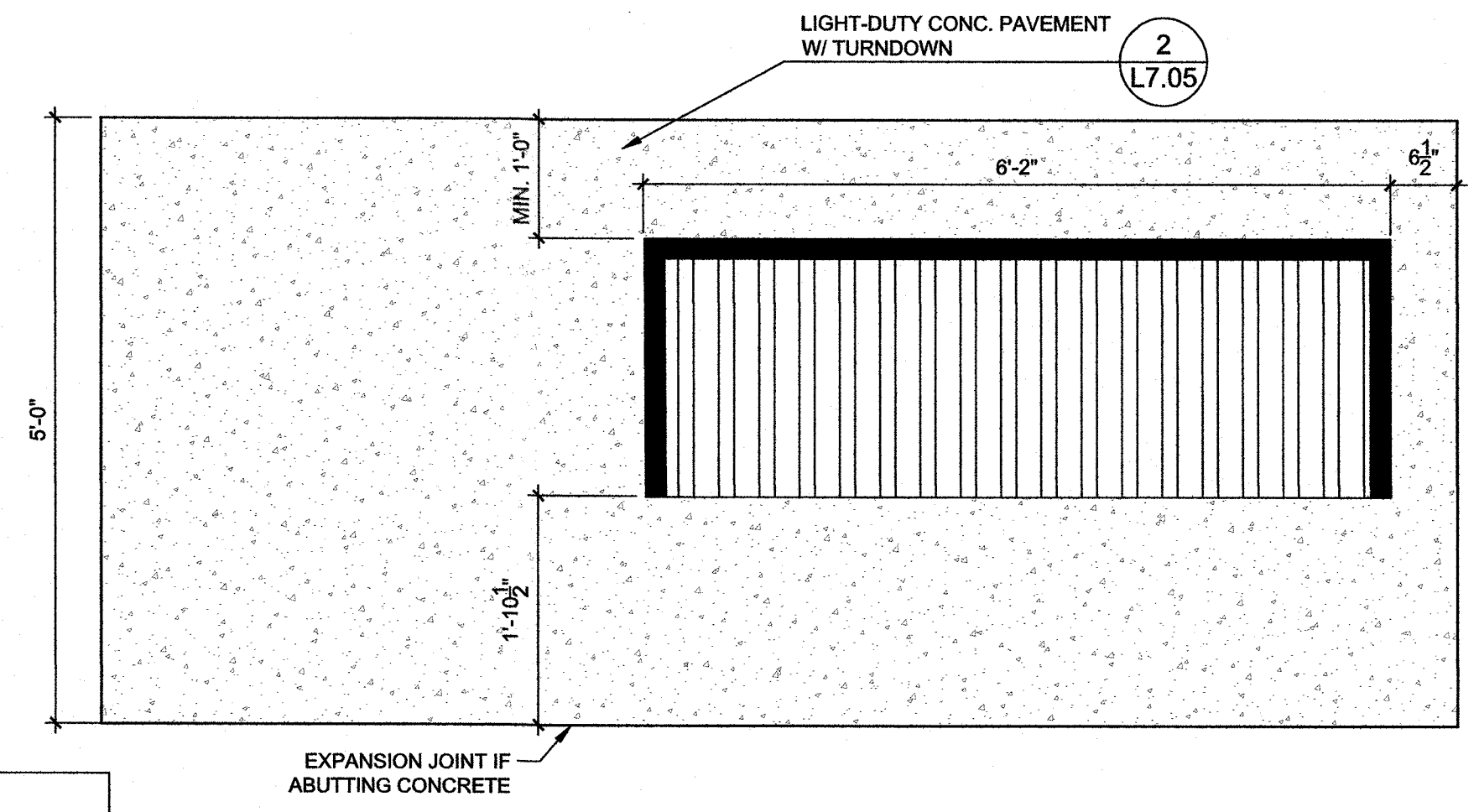
**1 TURNDOWN SLAB CONCRETE WALK**  
L7.05 NTS



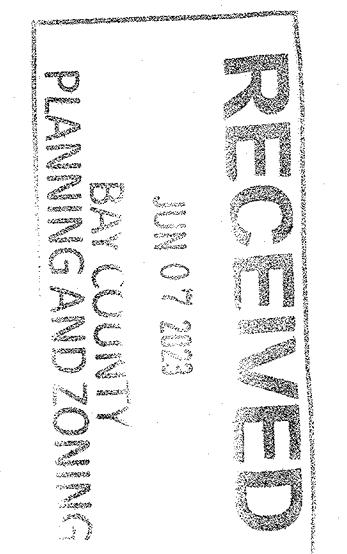
- NOTES:
1. FOOTING DIMENSIONS TO BE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
  2. POLE TO INCLUDE AN INTERNAL HALYARD WITH WINCH.
  3. ONE FLAGPOLE REQUIRED AT 30' EXPOSED HEIGHT.



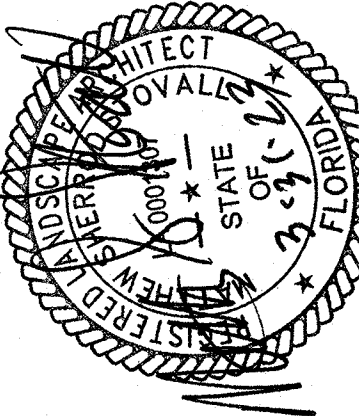
NOTE: TOP OF CONCRETE PAVEMENT SHALL BE FLUSH WITH THE TOP OF ADJACENT FINISH GRADE.



- NOTE:
1. EXPANSION JOINTS 30' O.C., AND WHEN ABUTTING ADJACENT RIGID PAVEMENTS AND STRUCTURES, OR AS SHOWN ON PLANS.
  1. CONTROL JOINT SPACING EQUAL TO WIDTH OF WALK OR AS SHOWN PLANS OR DETAILS. SEE PAVING MATERIALS SCHEDULE FOR TOP-CAST GUIDE.



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SITE DETAILS

SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
BAY COUNTY, FL

REV.	DR.	CHK.	DATE	DESCRIPTION
A	JAL	MSS	05/10/2022	60% REVIEW
B	JAL	MSS	07/07/2022	90% REVIEW
C	JAL	MSS	07/26/2022	ISSUED FOR PERMIT
E	JAL	MSS	03/09/2023	REVISED PER COUNTY COMMENTS

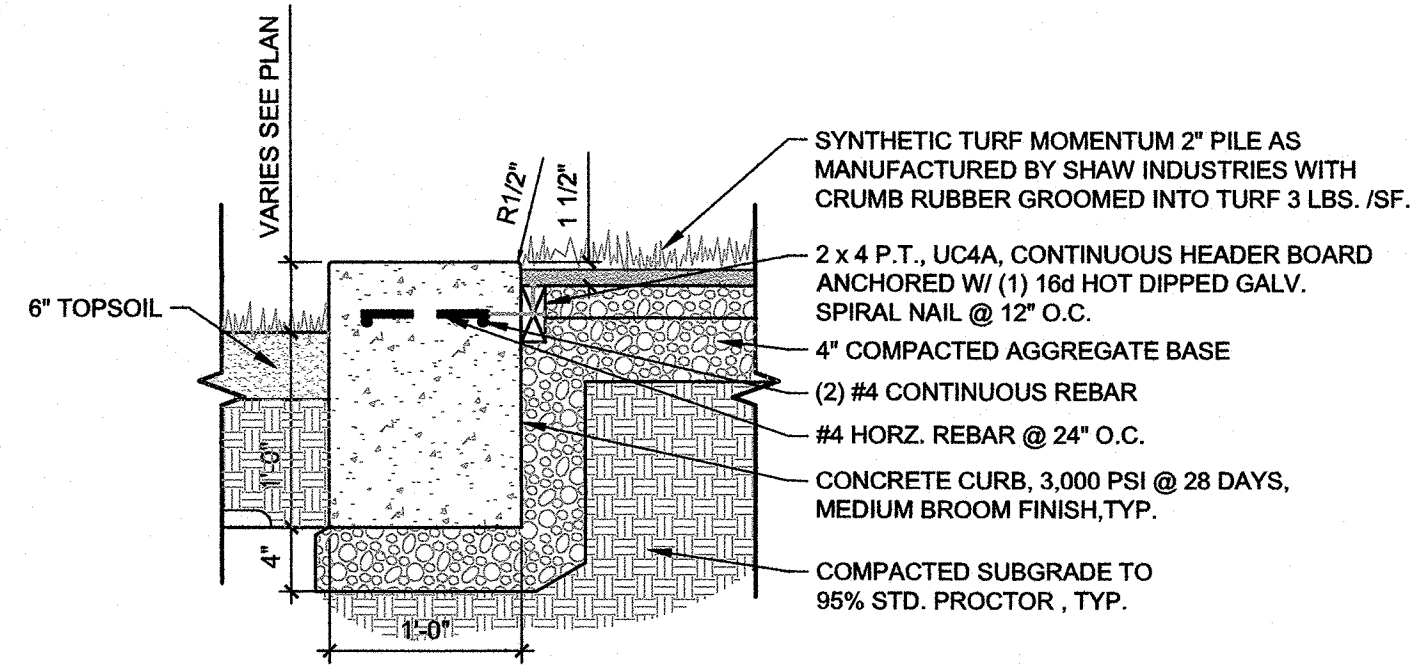
37237-01

1 NOT USED  
L7.06

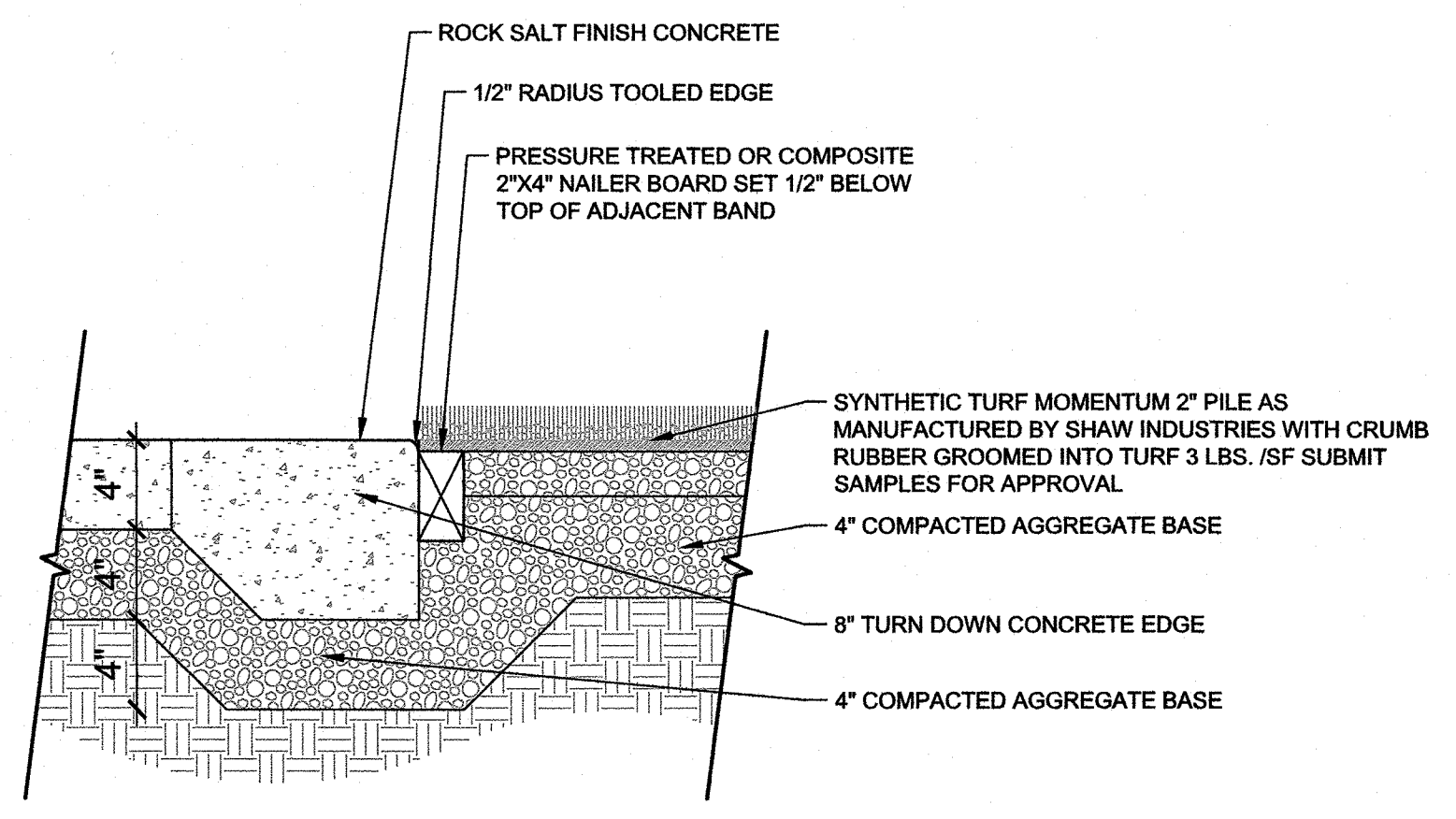
2 NOT USED  
L7.06

3 NOT USED  
L7.06

**NOTE:**  
1. INSTALL TURF ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.  
2. PROVIDE POSITIVE DRAINAGE AWAY FROM FIELD AT 1% MIN. SLOPE. SEE GRADING PLAN FOR ELEVATIONS.  
3. SUBMIT SAMPLES OF TURF FOR APPROVAL PRIOR TO INSTALLATION.



4 SYNTHETIC TURF & CURB  
L7.06 1" = 1'-0"

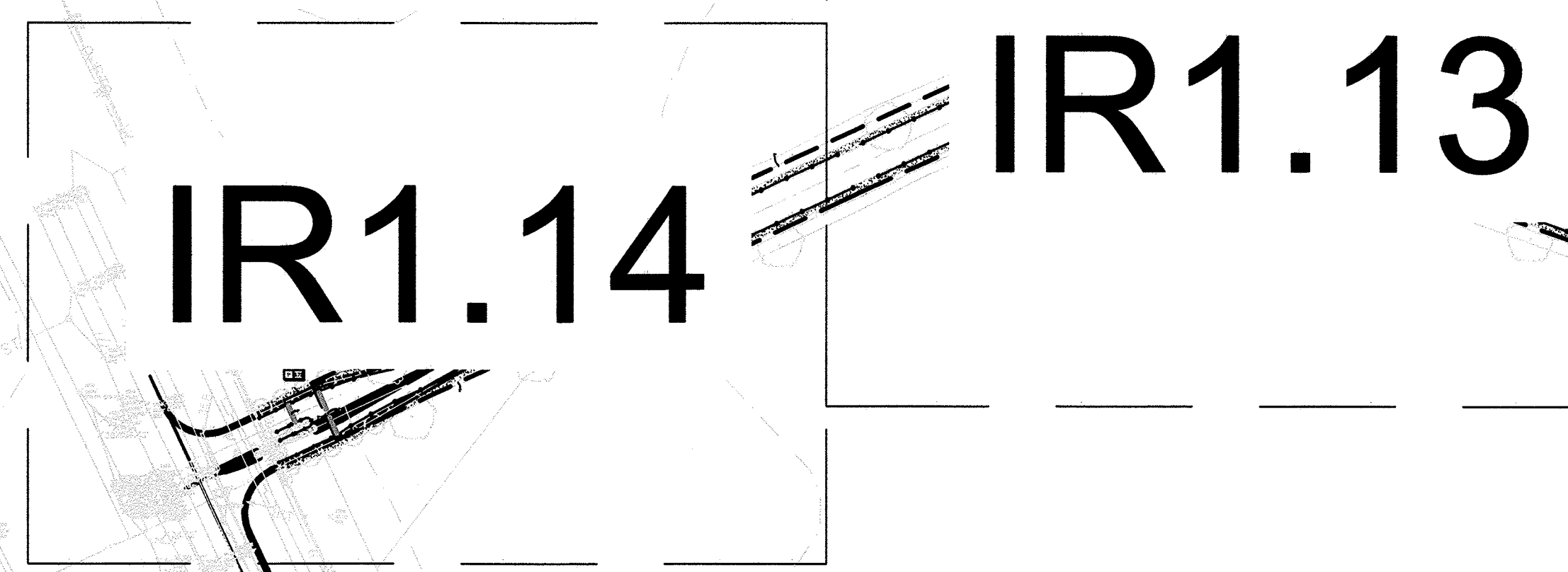
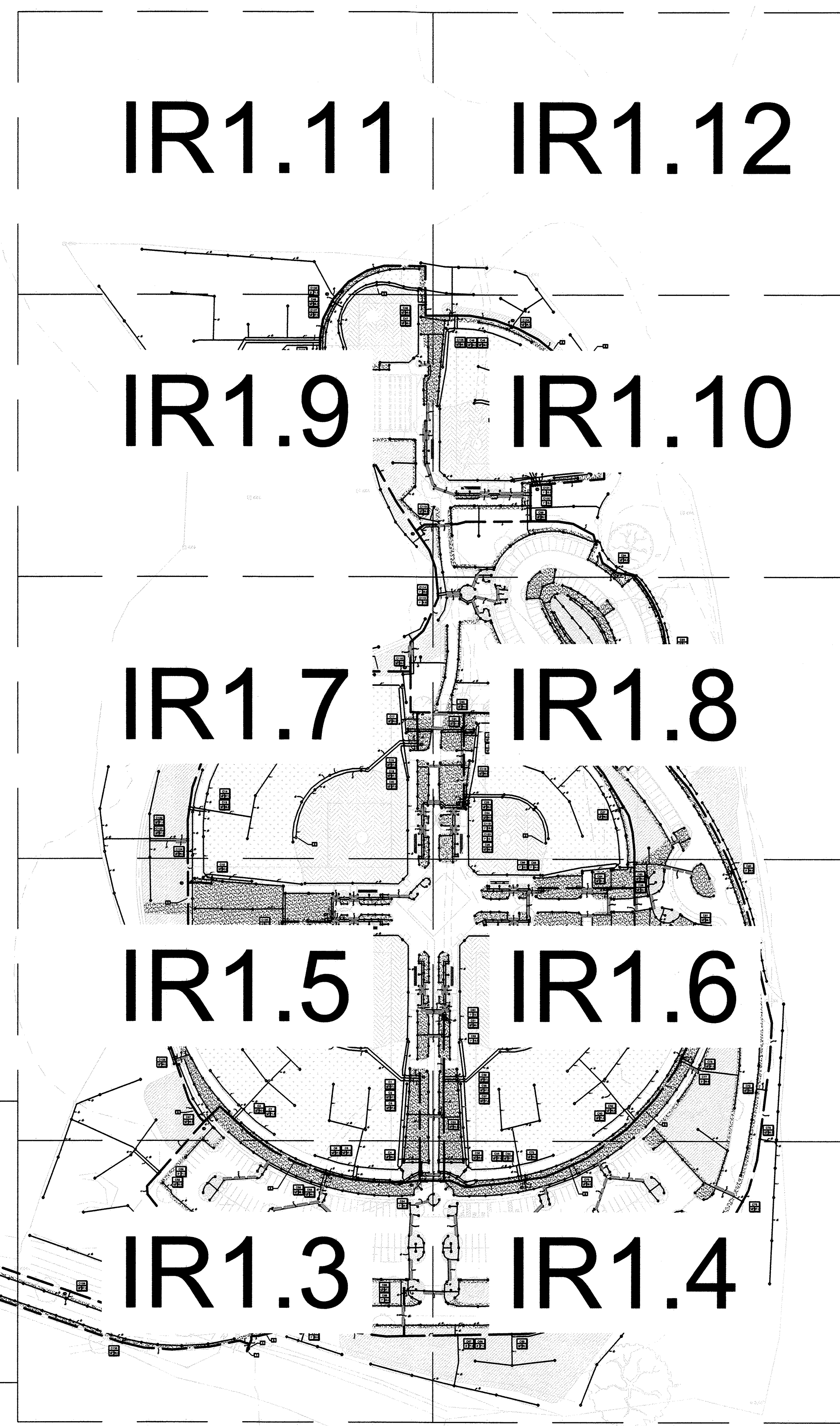


5 BULLPEN CONCRETE / TURF CONNECTION  
L7.06 1 1/2" = 1'-0"

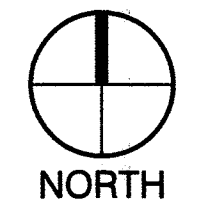
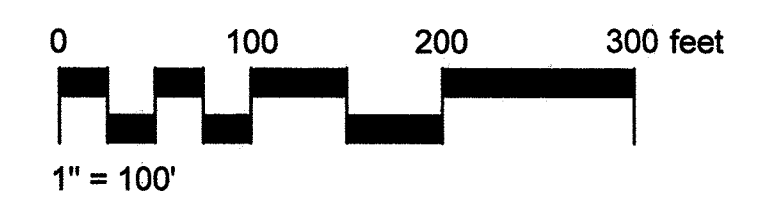
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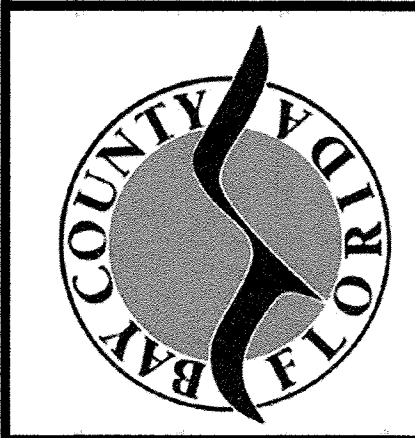
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IRRIGATION SHEET LAYOUT PLAN  
SITE IMPROVEMENTS FOR  
SOUTHPORT SPORTS COMPLEX  
SOUTHPORT, FL

*Michael Clark*  
5-26-2023



**Clark Engineering & Consulting, Inc.**  
10000 W. US Highway 90  
Tallahassee, FL 32303  
Tel: 904.877.1111  
Fax: 904.877.1112

**BARGE**  
DESIGN SOLUTIONS  
645 Harrison Avenue  
P.O. Box 165  
Panama City, Florida 32401  
PHONE: (904) 298-8121



CONTRACTOR QUALIFICATION REQUIREMENTS

- 1. IRRIGATION CONTRACTOR MUST BE LICENSED IF REQUIRED. IF NOT LICENSED CONTRACTOR TO BE AN IRRIGATION ASSOCIATION CERTIFIED IRRIGATION CONTRACTOR IN GOOD STANDING.

REFERENCE NOTES SCHEDULE

Table with columns: SYMBOL, DESCRIPTION. Contains notes 1 through 10 regarding irrigation system water source, booster pump, controller location, etc.

RAIN BIRD IQ4 REMOTE ACCESS NOTES

- 1. PROVIDE 3 YEAR SUBSCRIPTION, FOR THE OWNER, TO THE RAIN BIRD IQ4 REMOTE ACCESS CLOUD BASED SYSTEM.

GENERAL NOTES

- 1. ALL TRENCHING TO BE OUTSIDE OF TREE DRIP LINE
- 2. MAINLINE TO HAVE MINIMUM OF 18" OF COVER AND A MINIMUM OF 18" OFF OF THE HARDSCAPE
- 3. LATERALS TO HAVE MINIMUM OF 12" OF COVER AND A MINIMUM OF 12" OFF OF THE HARDSCAPE

VALVE SCHEDULE

Table with columns: NUMBER, MODEL, SIZE, TYPE, GPM, PRECIP. Lists various Rain Bird PESS-IVM models and their specifications.

IRRIGATION SCHEDULE

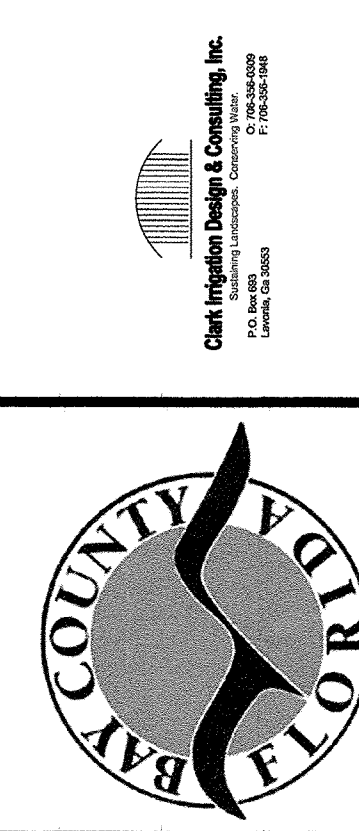
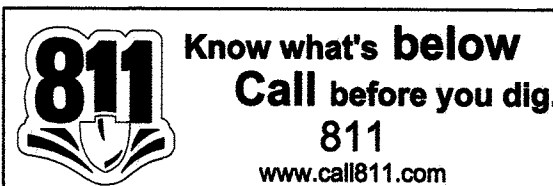
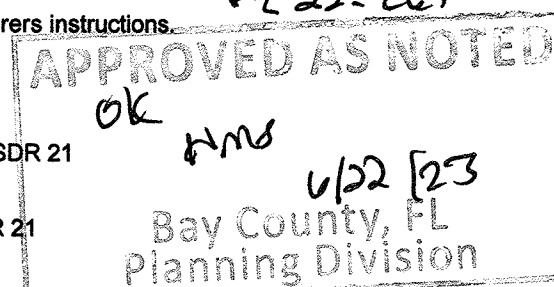
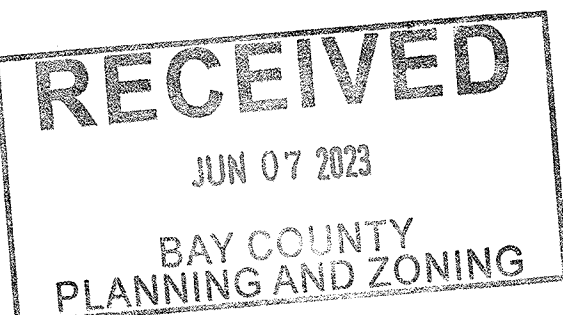
Table with columns: SYMBOL, MANUFACTURER/MODEL/DESCRIPTION. Lists various Rain Bird and other irrigation components like rotors, rotaries, and pumps.

IRRIGATION SCHEDULE

Table with columns: SYMBOL, MANUFACTURER/MODEL/DESCRIPTION. Lists various Rain Bird and other irrigation components, similar to the previous schedule.

TWO WIRE CONTROL SYSTEM NOTES

- 1. ALL DECODER WIRE SPICE CONNECTORS TO BE 3M DBY-6 OR BETTER.
- 2. ALL 2-WIRE CABLE TO BE INSTALLED WITHIN 1" SCH 40 PVC ELECTRICAL CONDUIT.

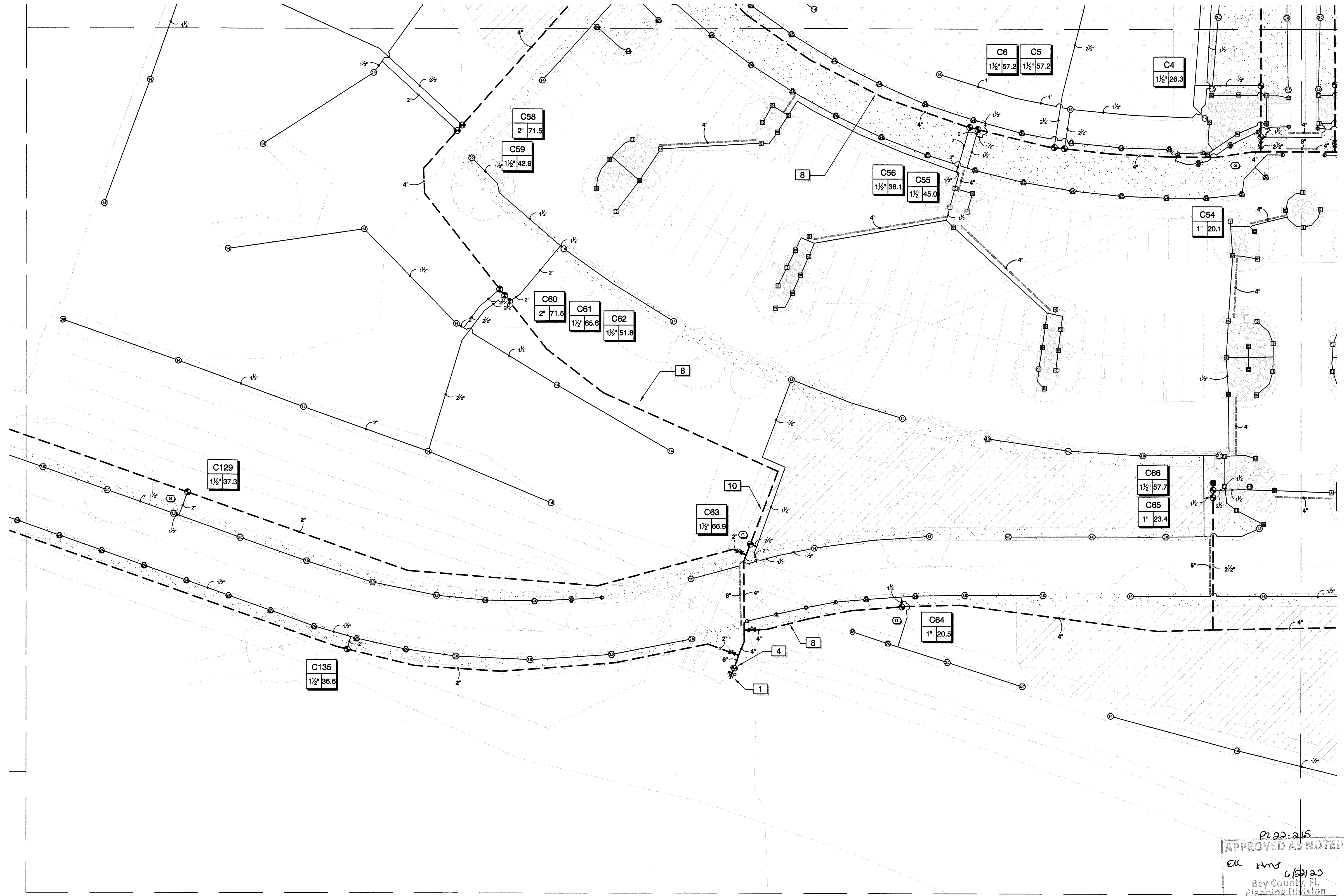


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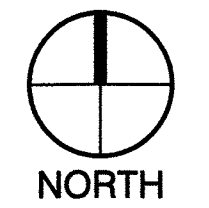
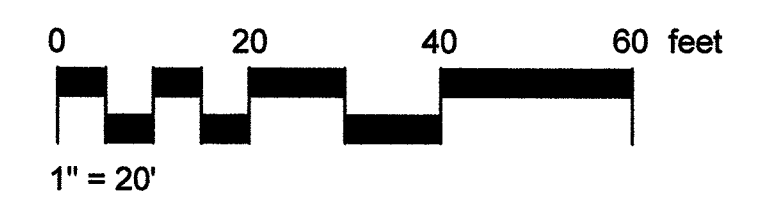
IRRIGATION SCHEDULES AND NOTES SITE IMPROVEMENTS FOR SOUTHPORT SPORTS COMPLEX SOUTHPORT, FL

Table with columns: REV, DATE, CHK, MFC, ISSUED FOR PERMIT, REVISED PER COUNTY COMMENTS. Contains revision history.

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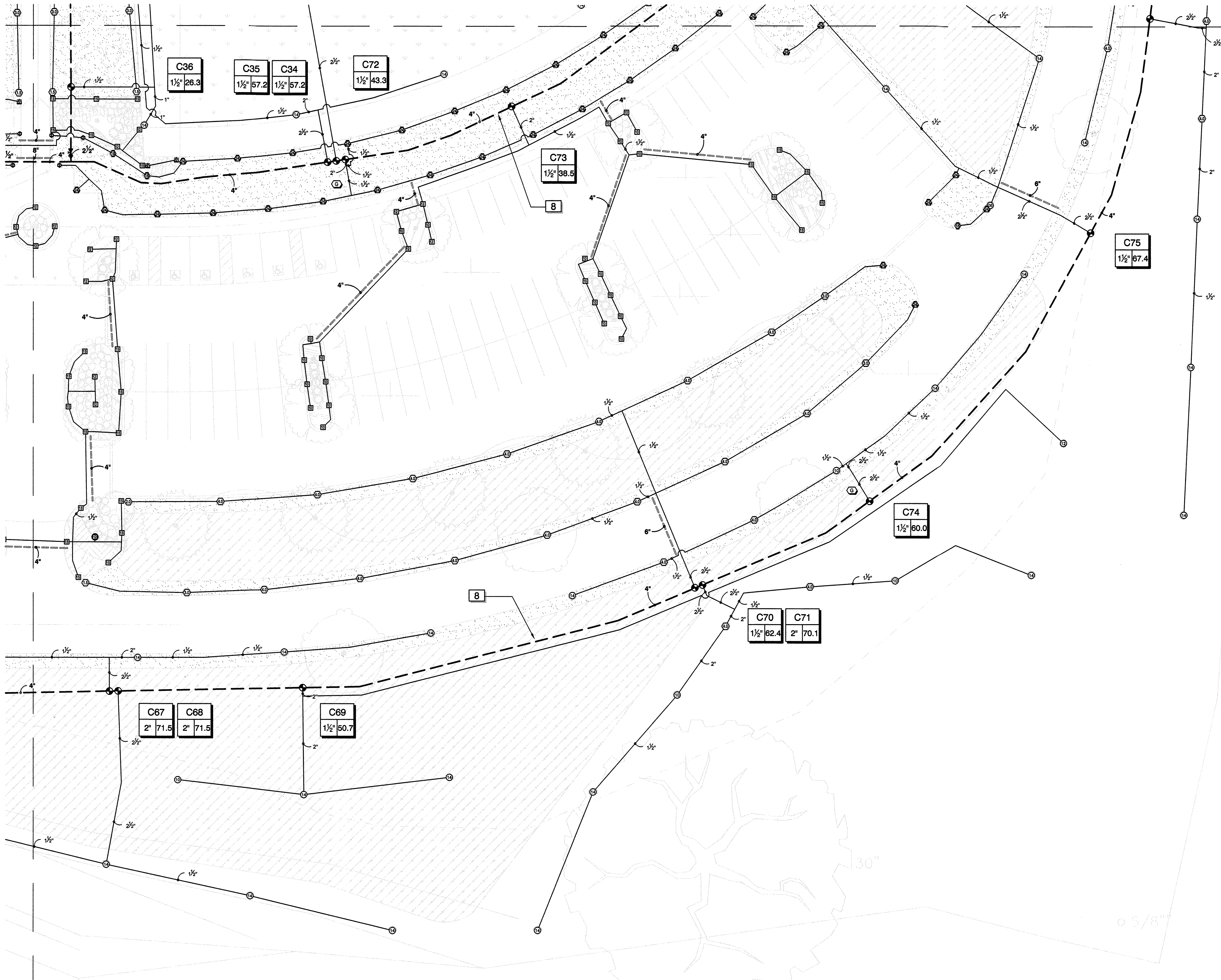
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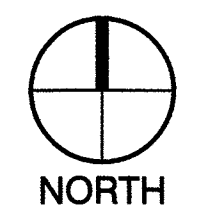
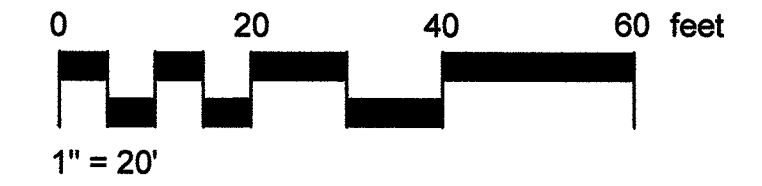
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 SITE IMPROVEMENTS FOR  
 SOUTHPORT SPORTS COMPLEX  
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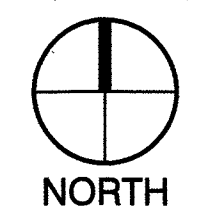
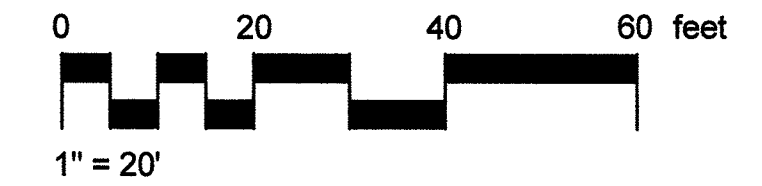
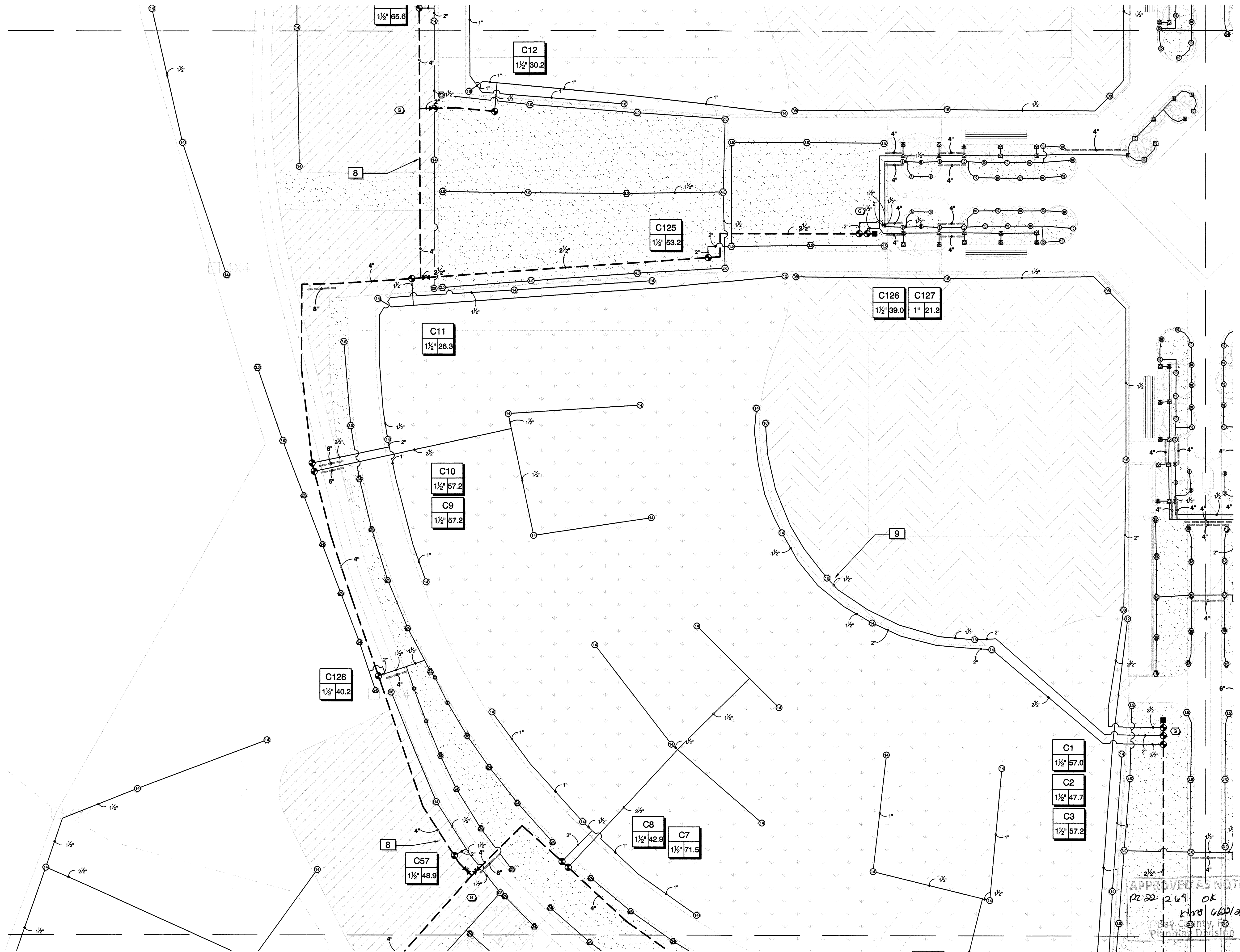
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 17000 W. US HWY 90  
 SUITE 100  
 FORT WORTH, TX 76134  
 PHONE: (817) 281-1211

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**IRRIGATION PLAN**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
 SOUTHPORT, FL

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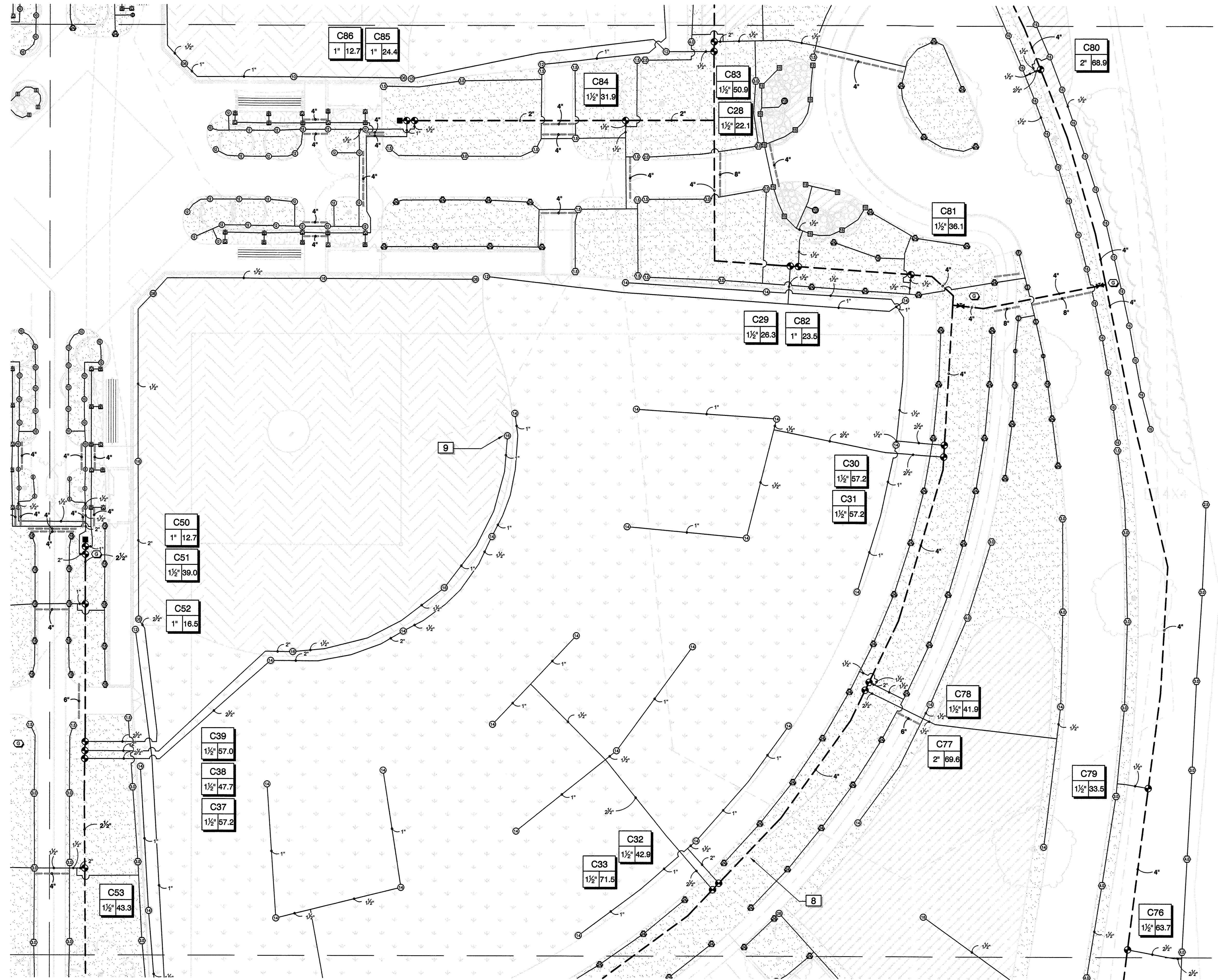


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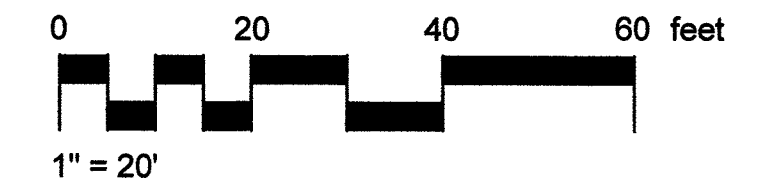
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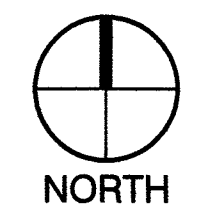
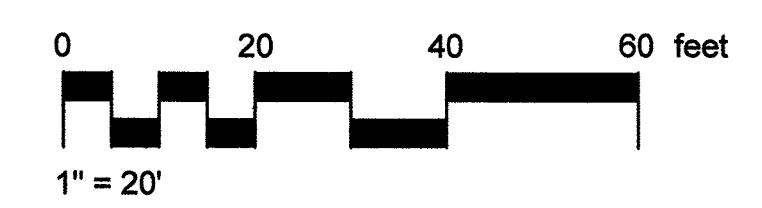
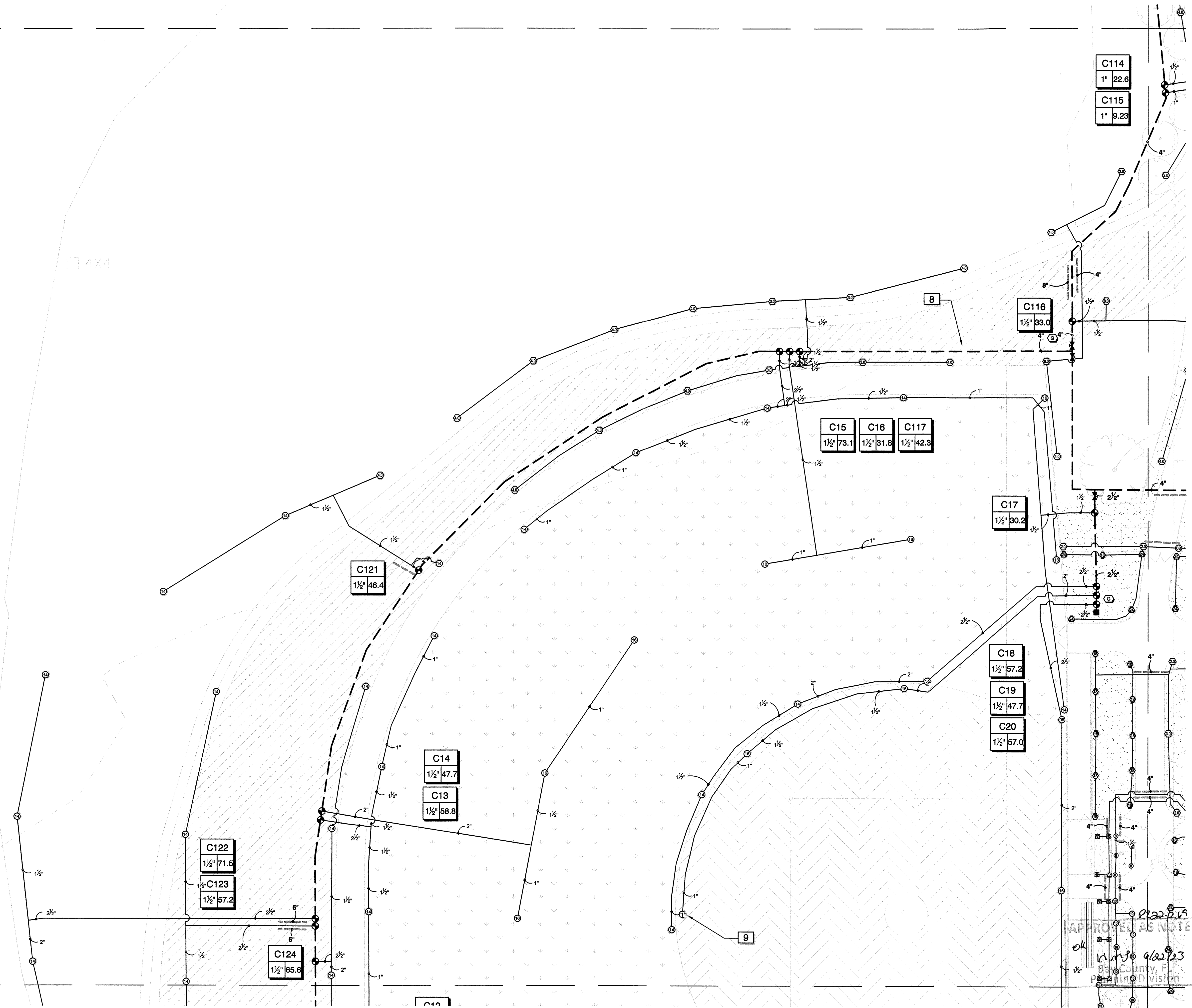
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 SOUTHPORT SPORTS COMPLEX  
 SOUTHPORT, FL

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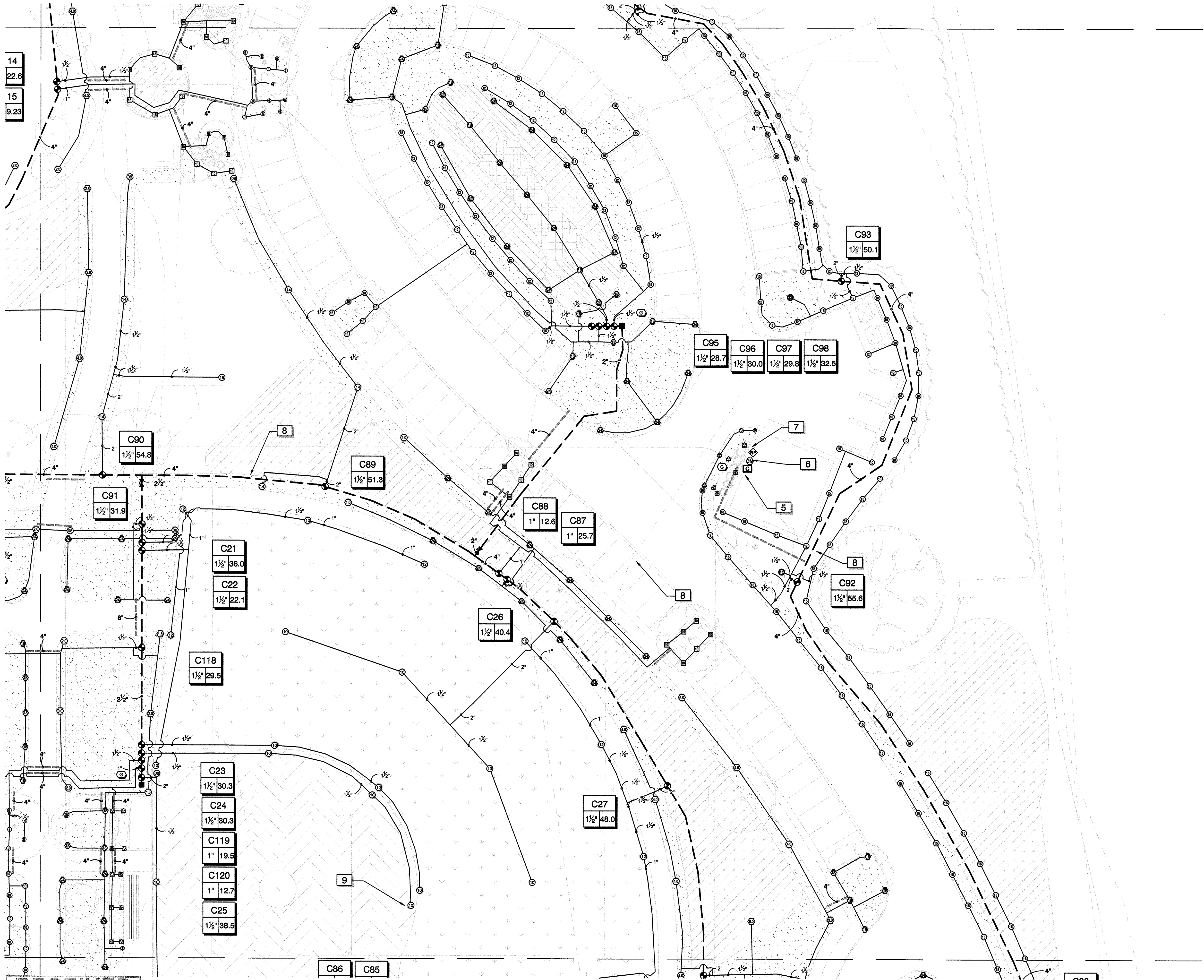


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 SOUTHPORT, FL

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14  
22.6  
15  
9.23

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1 1/2" 36.0  
C22  
1 1/2" 22.1

C23  
1 1/2" 30.3  
C24  
1 1/2" 30.3  
C119  
1" 19.5  
C120  
1" 12.7  
C25  
1 1/2" 38.5

C89  
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C26  
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1" 25.7

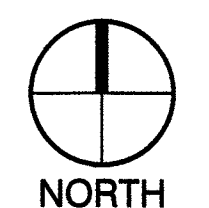
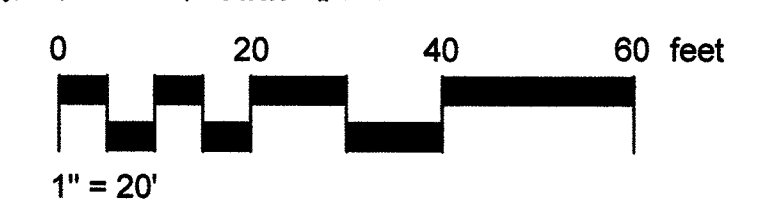
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C92  
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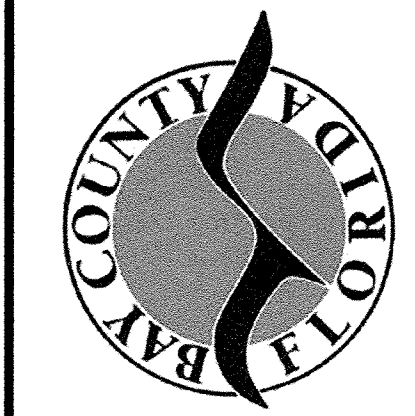


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**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
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Tampa, FL 33613  
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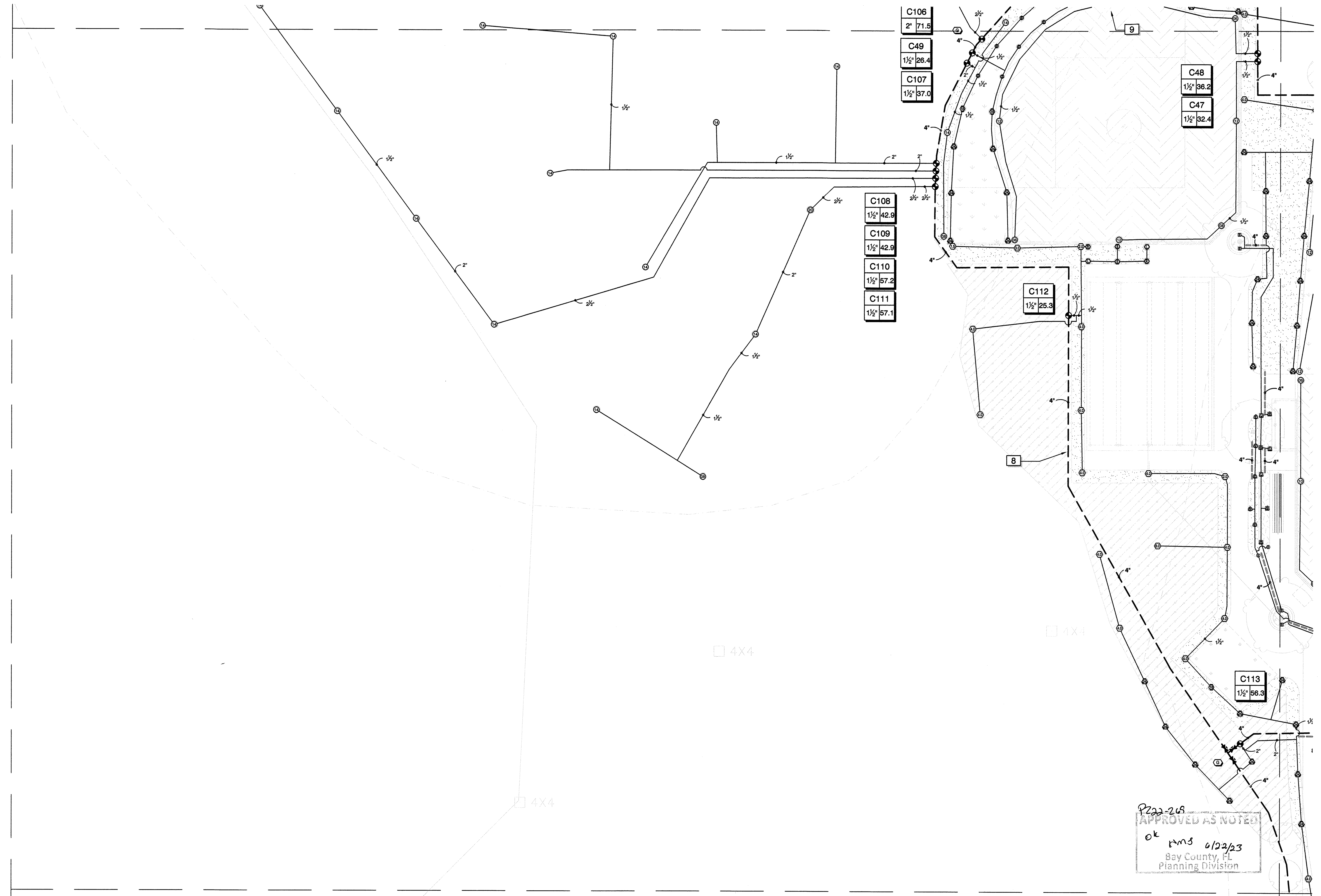
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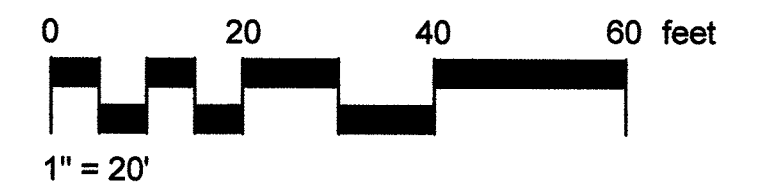
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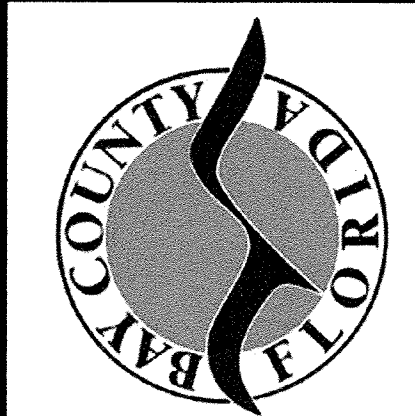


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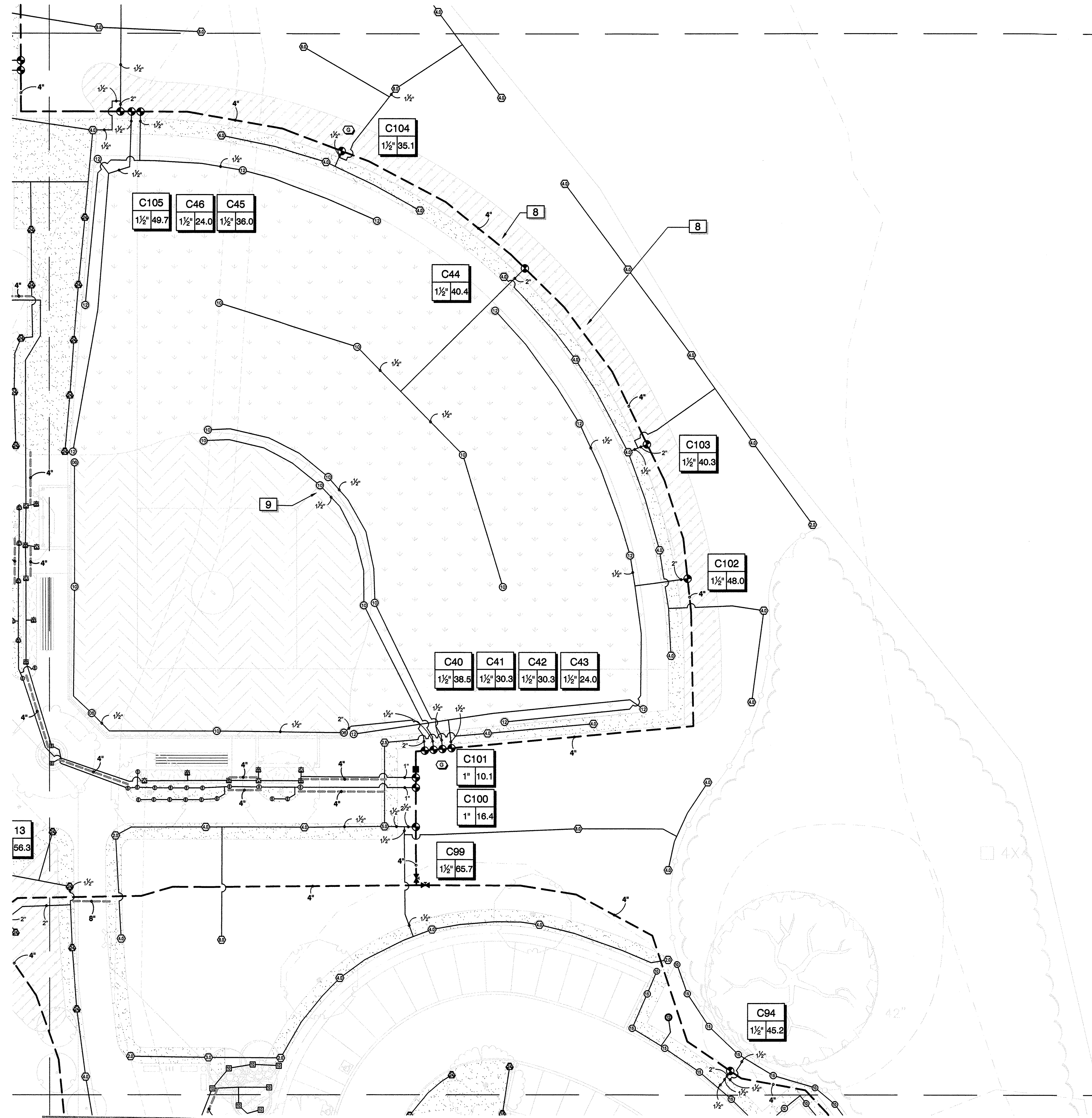
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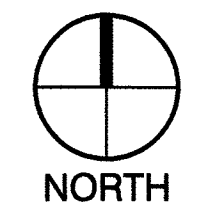
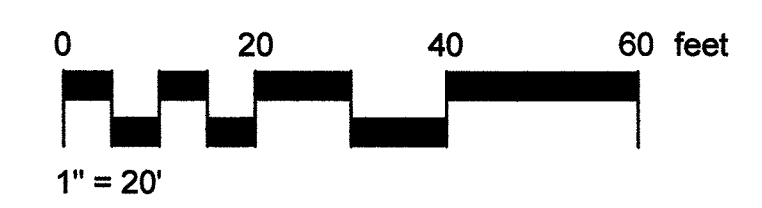
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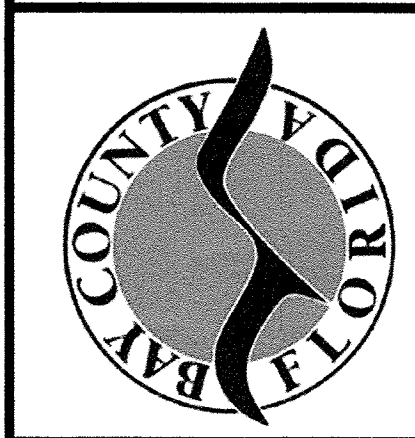
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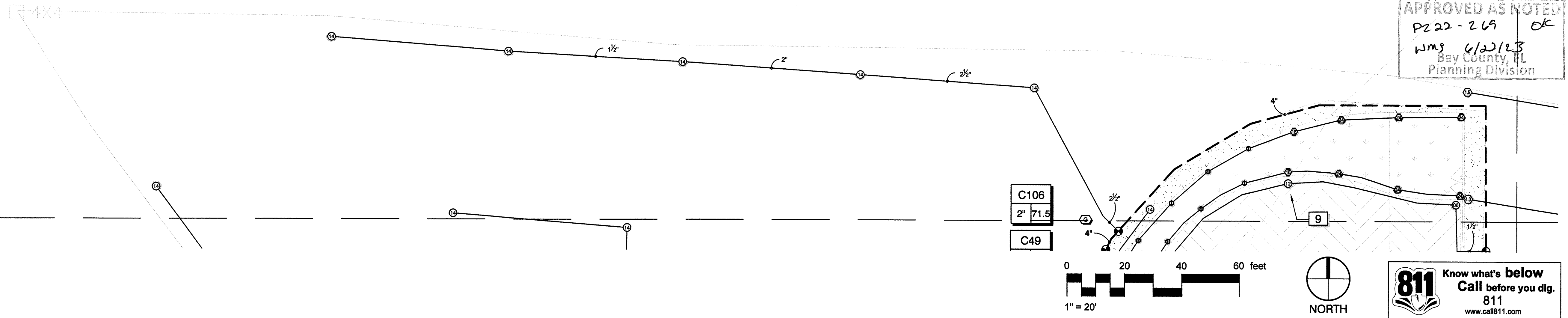


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 FORT WORTH, TEXAS 76133  
 (817) 441-1111

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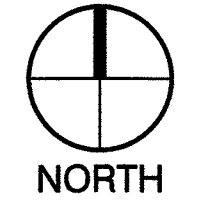
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C106  
 2" 71.5  
 C49

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0 20 40 60 feet  
 1" = 20'



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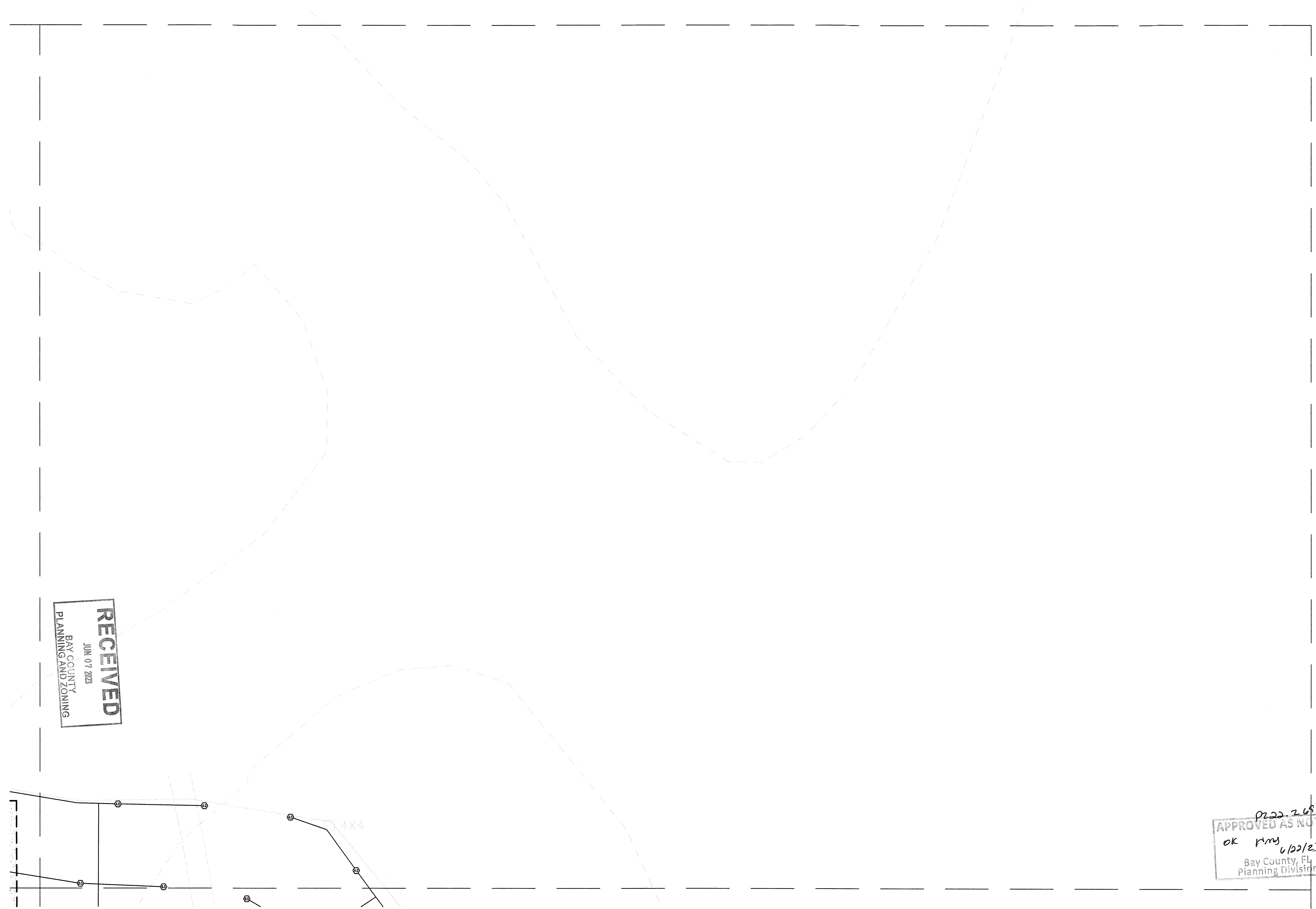
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 SOUTHPORT, FL

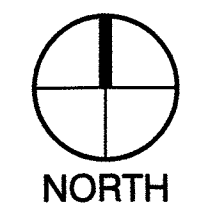
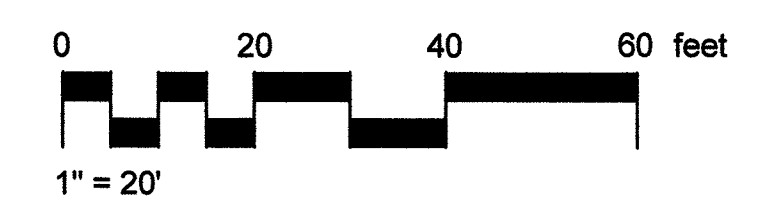
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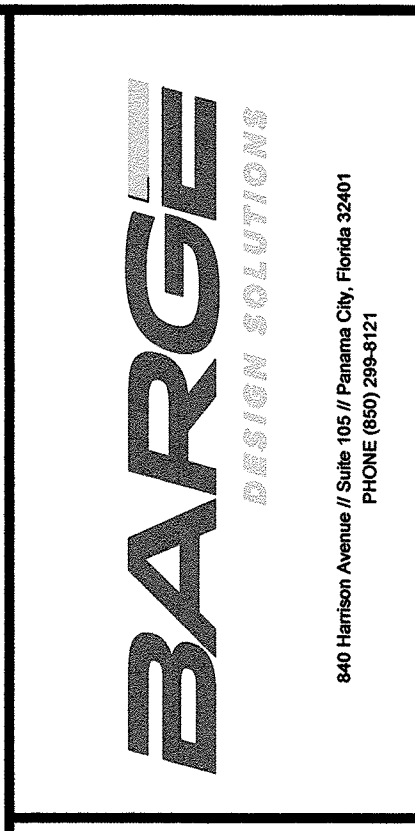
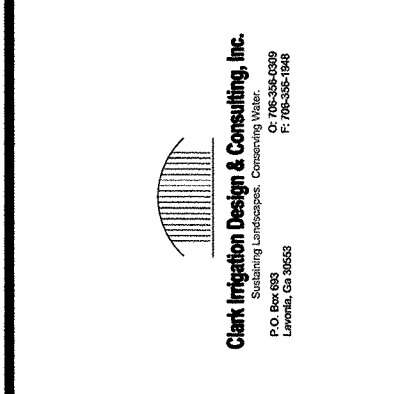
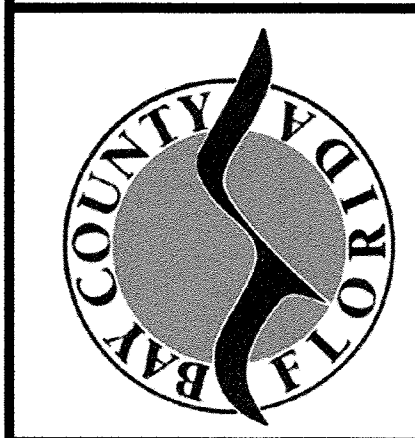
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**APPROVED AS NOTED**  
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Planning Division



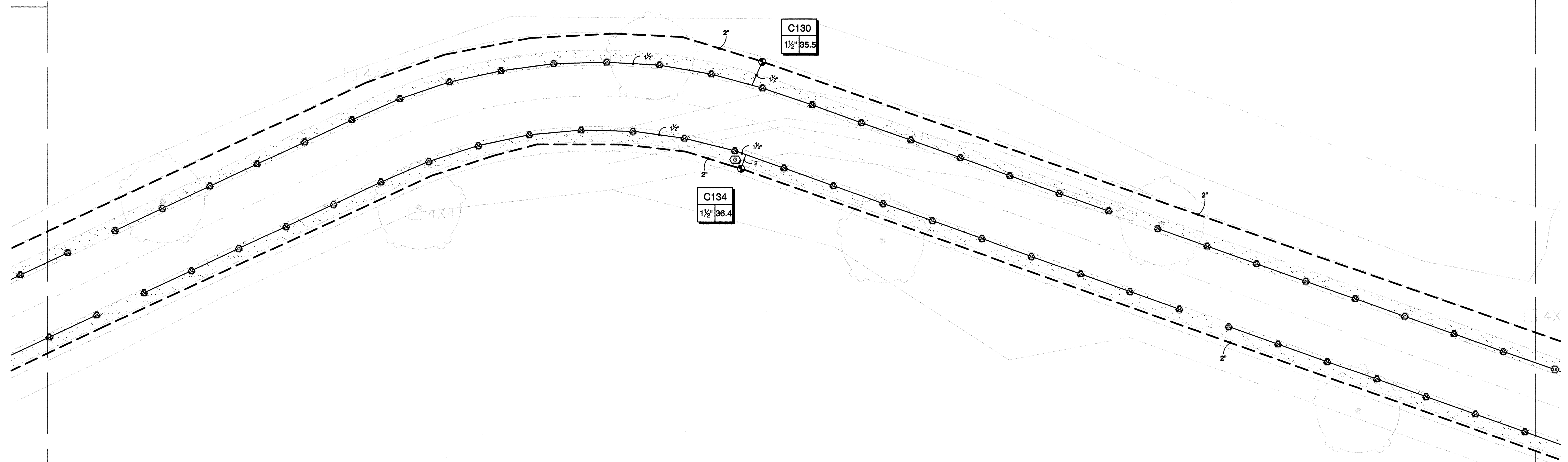
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1	05/25/2023	REVISED PER COUNTY COMMENTS

**IRRIGATION PLAN**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
SOUTHPORT, FL

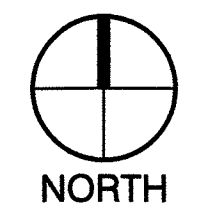
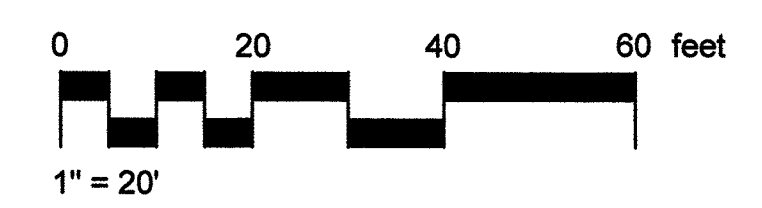
*Michael Clark*  
5-26-2023



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37237-01



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1922-269  
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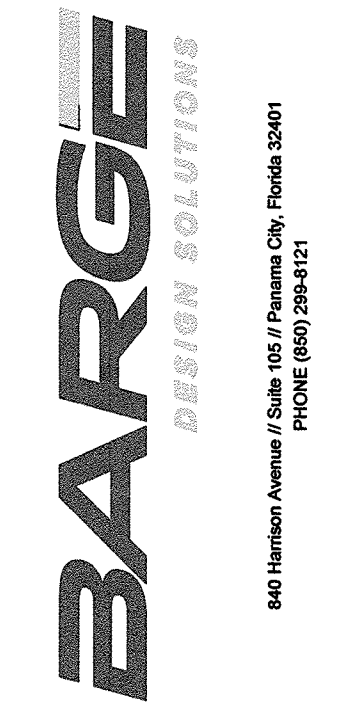
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2	MC	05/26/2023	REVISED PER COUNTY COMMENTS



**IR-13**  
37237-01

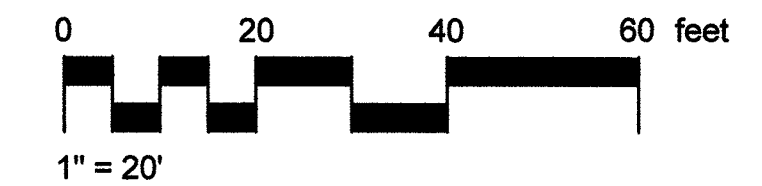
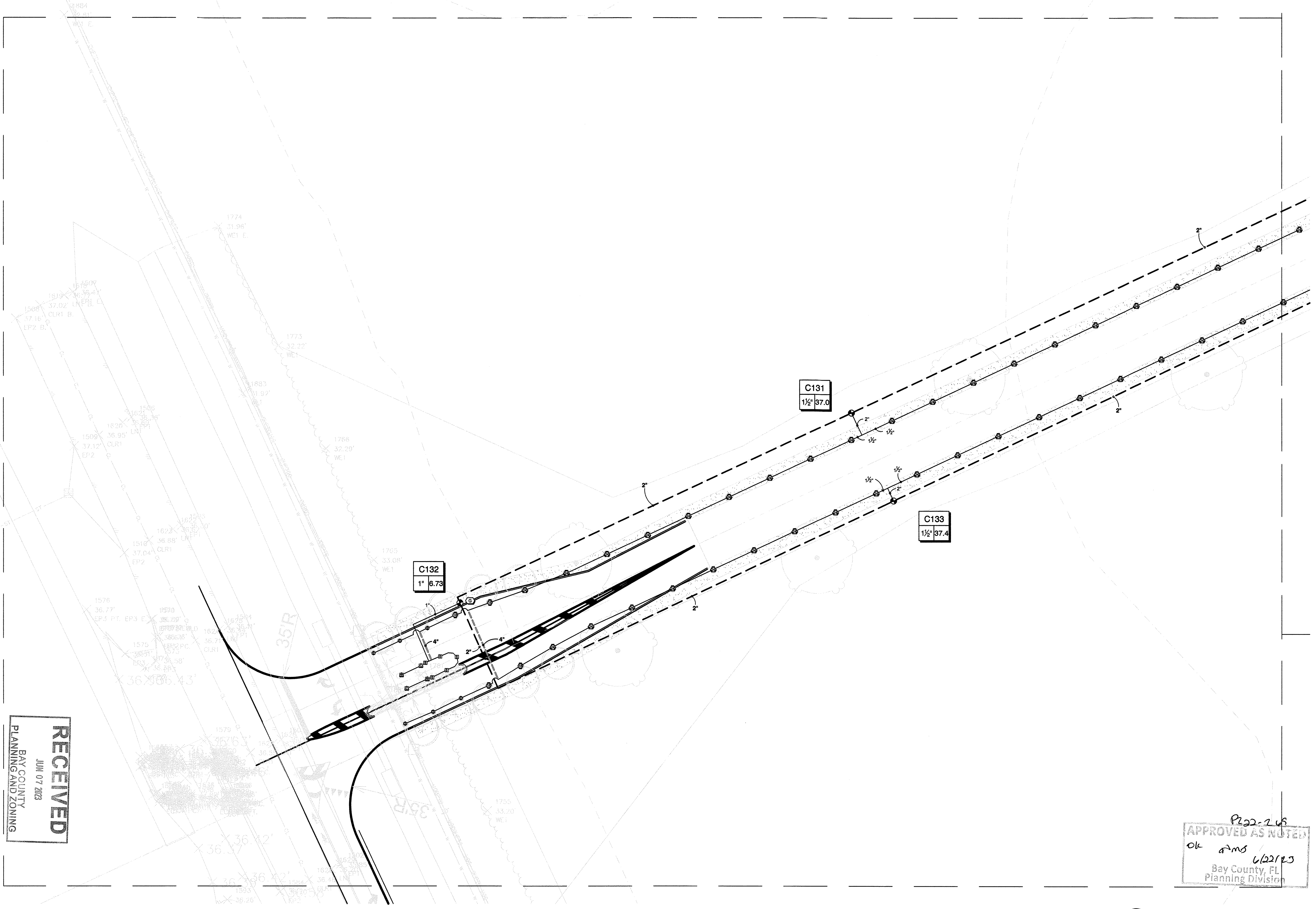
**IRRIGATION PLAN**  
 SITE IMPROVEMENTS FOR  
 SOUTHPORT SPORTS COMPLEX  
 SOUTHPORT, FL

*Michael Clark*  
 5-26-2023



USER:MICHAEL CLARK  
 FILED:C:\CDD\Commercial Projects\BSC\Southport Sports Complex\Design Files\37237\01\irrigation.dwg  
 SAVER:25/25/2023  
 PLOTTED:25/25/2023

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IRRIGATION PLAN  
 SITE IMPROVEMENTS FOR  
 SOUTHPORT SPORTS COMPLEX  
 SOUTHPORT, FL

Michael Clark  
 5-26-2023



Clark Irrigation Design & Consulting, Inc.  
 10000 W. US Highway 90  
 Suite 100  
 Ft. Myers, FL 33907  
 Phone: (813) 247-4121

**BARGE**  
 DESIGN SOLUTIONS  
 440 Harrison Avenue, Suite 100, Ft. Myers City, Florida 33901  
 Phone: (813) 247-4121

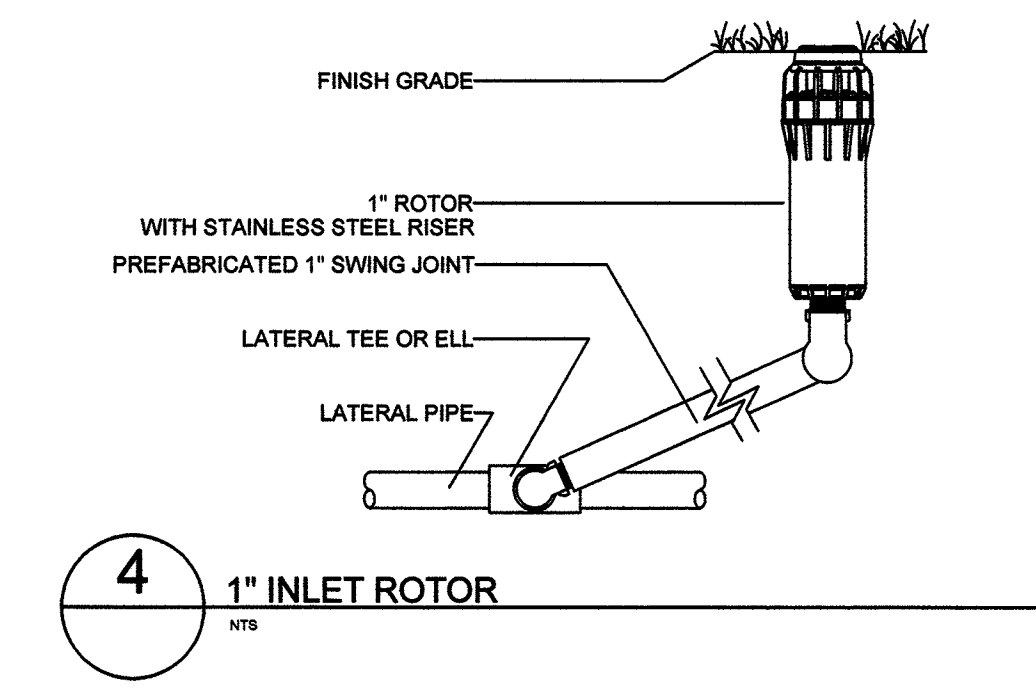
*Michael Clark*  
5-26-2023

**IRRIGATION DETAILS**  
**SITE IMPROVEMENTS FOR**  
**SOUTHPORT SPORTS COMPLEX**  
SOUTHPORT, FL

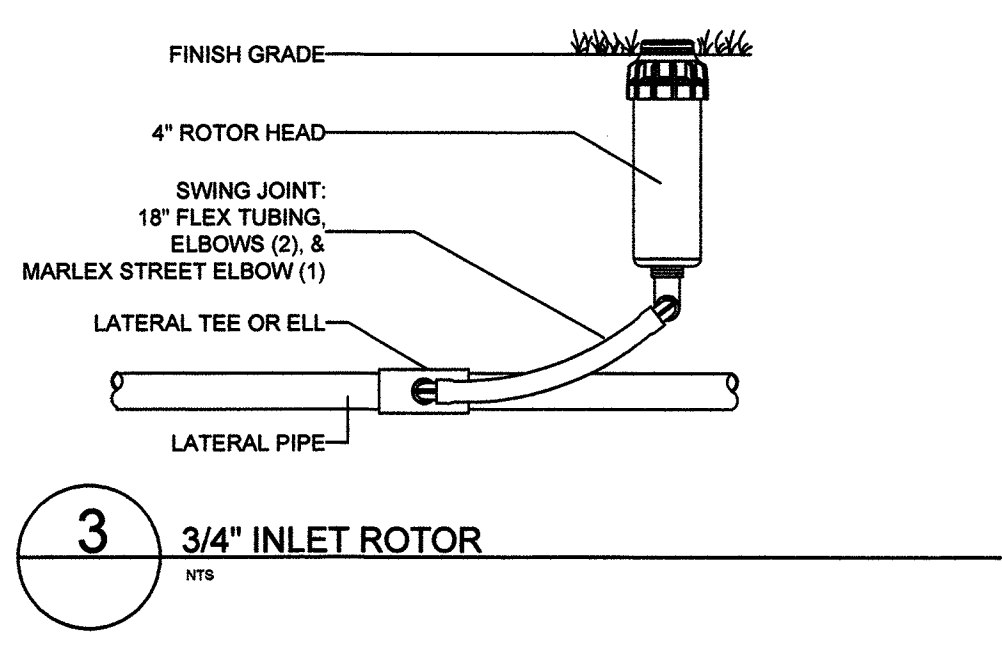
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2	05/26/2023	REVISED PER COUNTY COMMENTS

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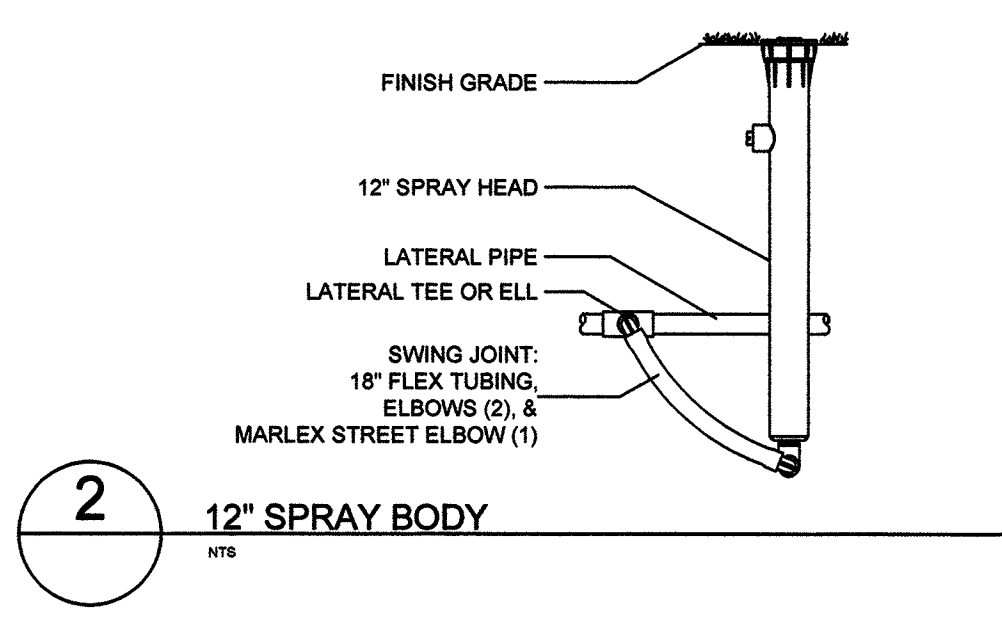
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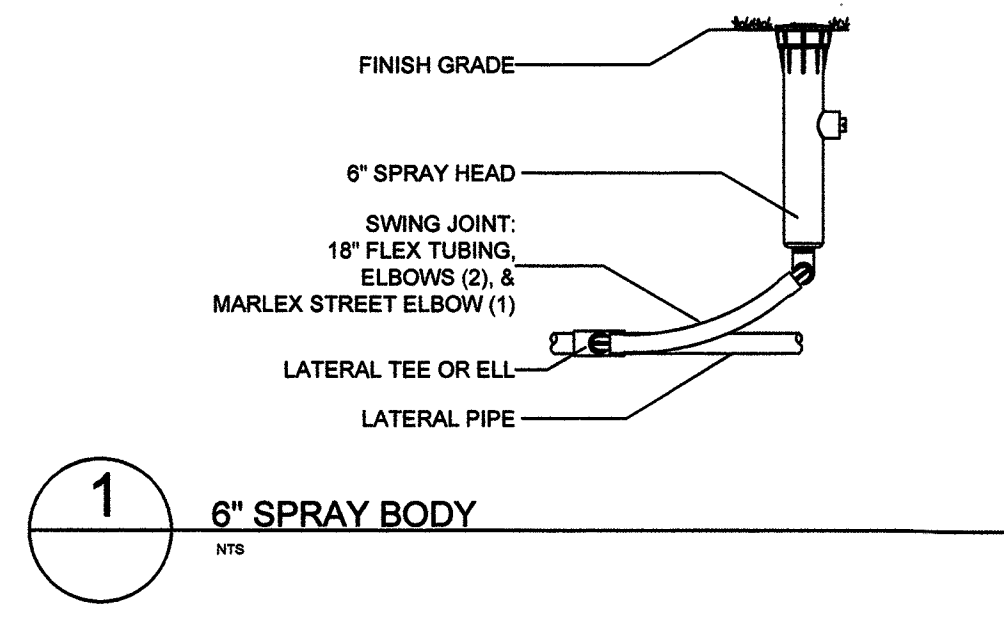
**4** 1" INLET ROTOR  
NTS



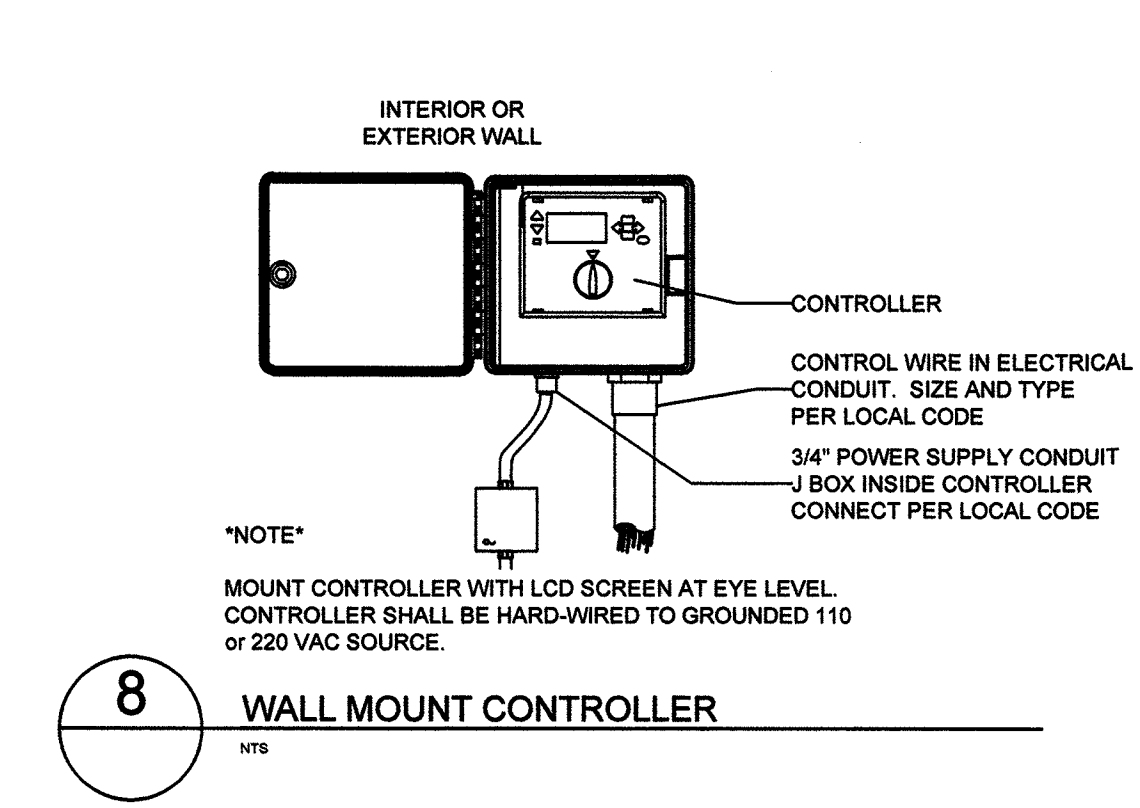
**3** 3/4" INLET ROTOR  
NTS



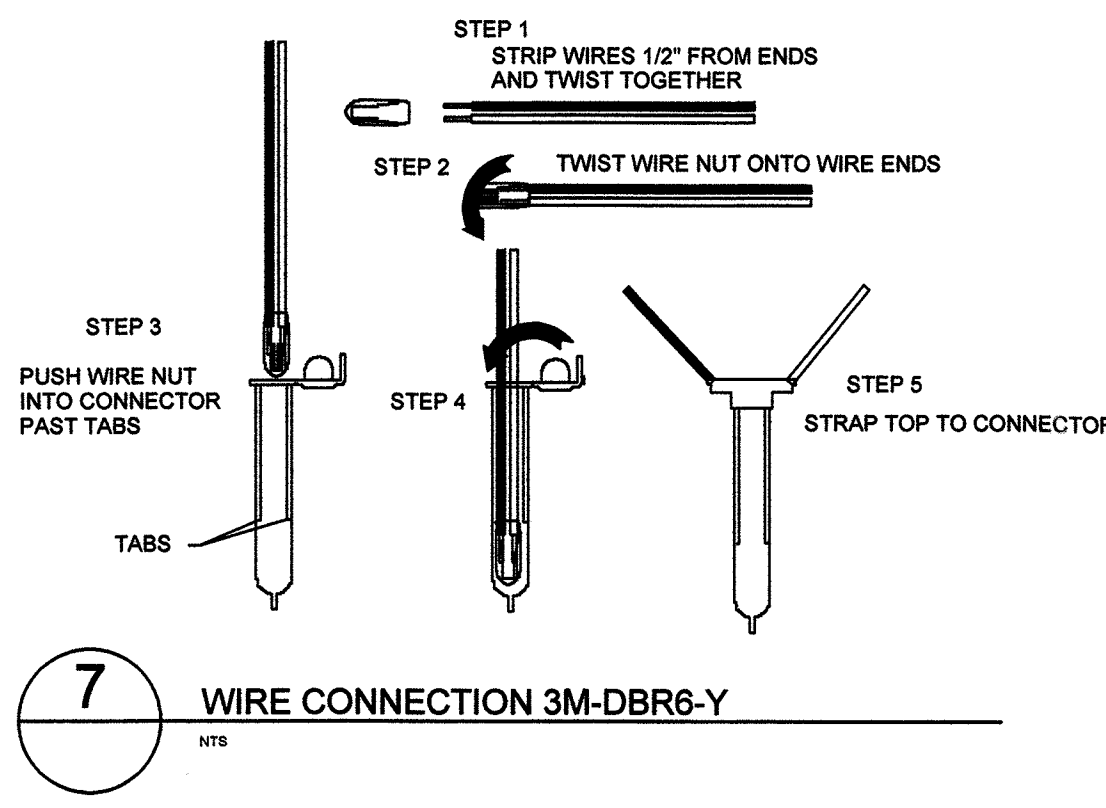
**2** 12" SPRAY BODY  
NTS



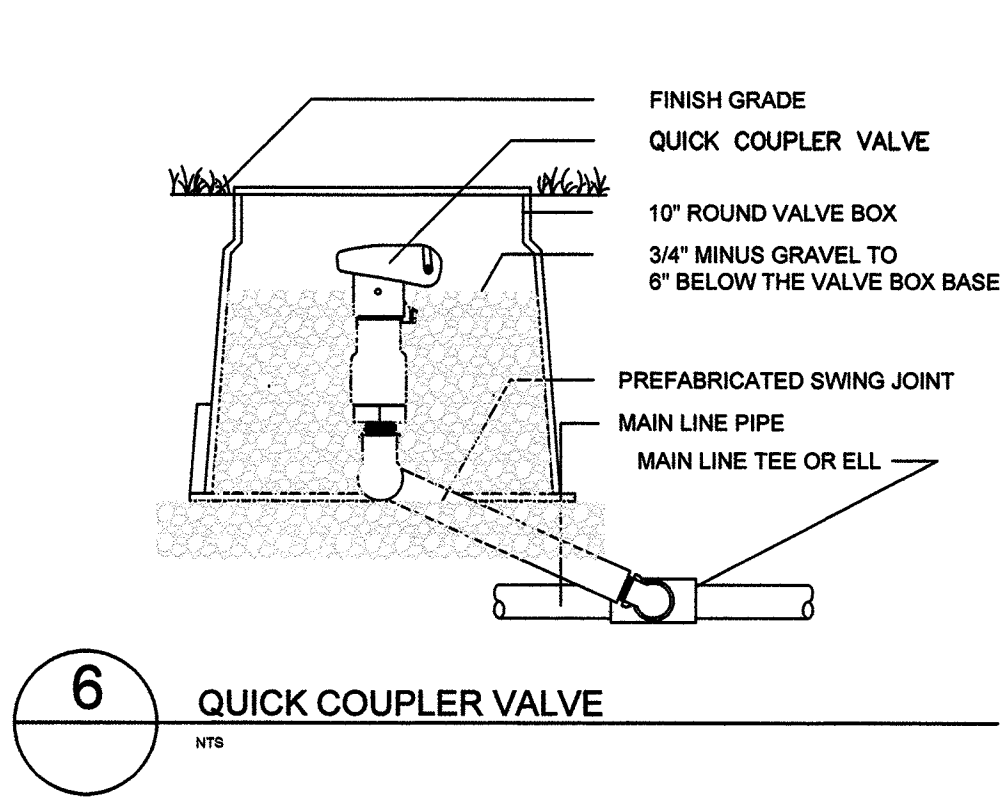
**1** 6" SPRAY BODY  
NTS



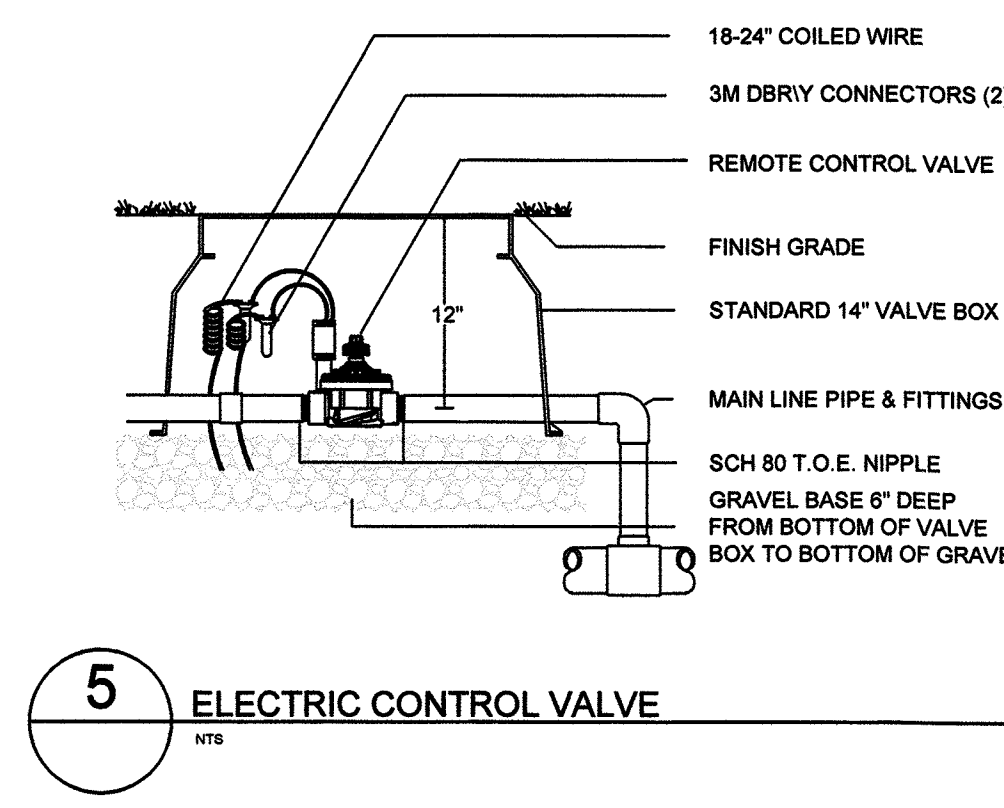
**8** WALL MOUNT CONTROLLER  
NTS



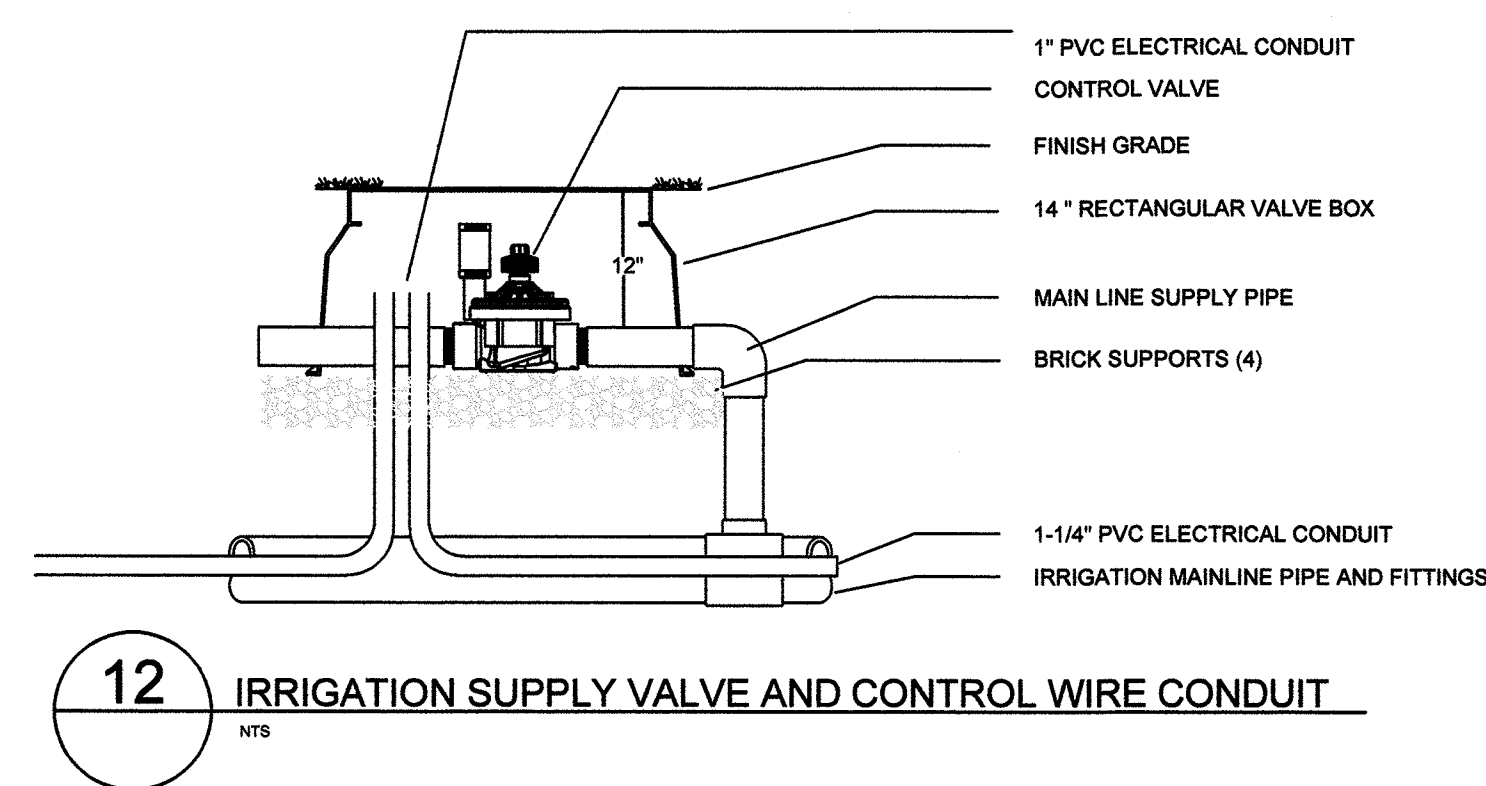
**7** WIRE CONNECTION 3M-DBR6-Y  
NTS



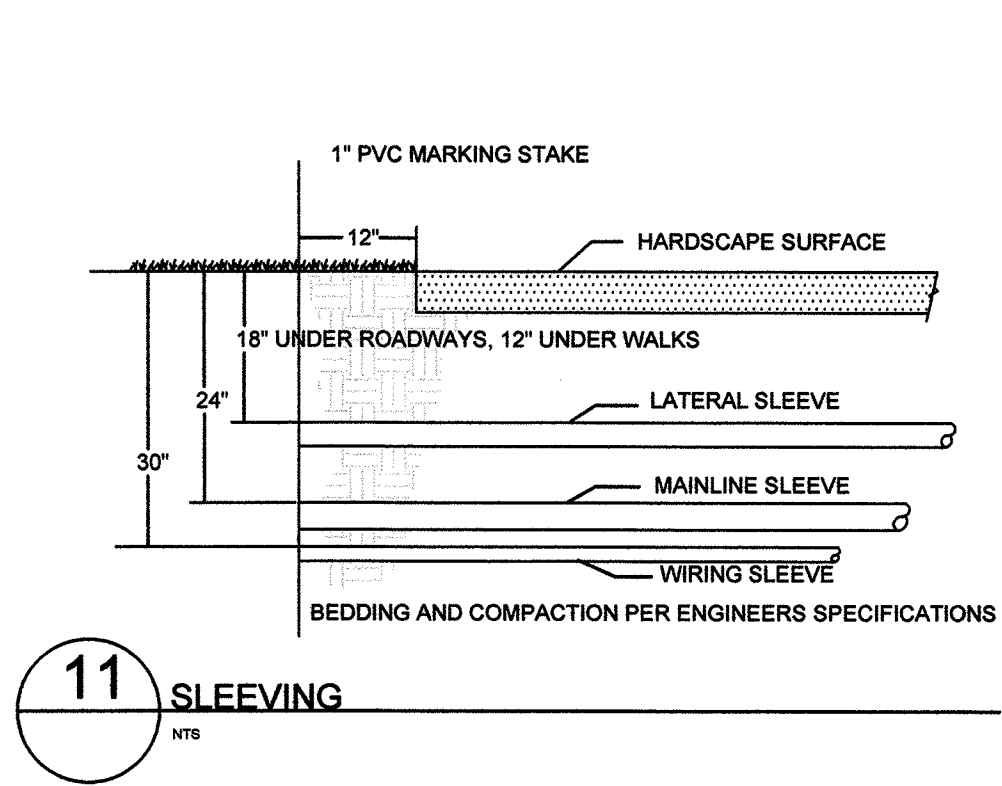
**6** QUICK COUPLER VALVE  
NTS



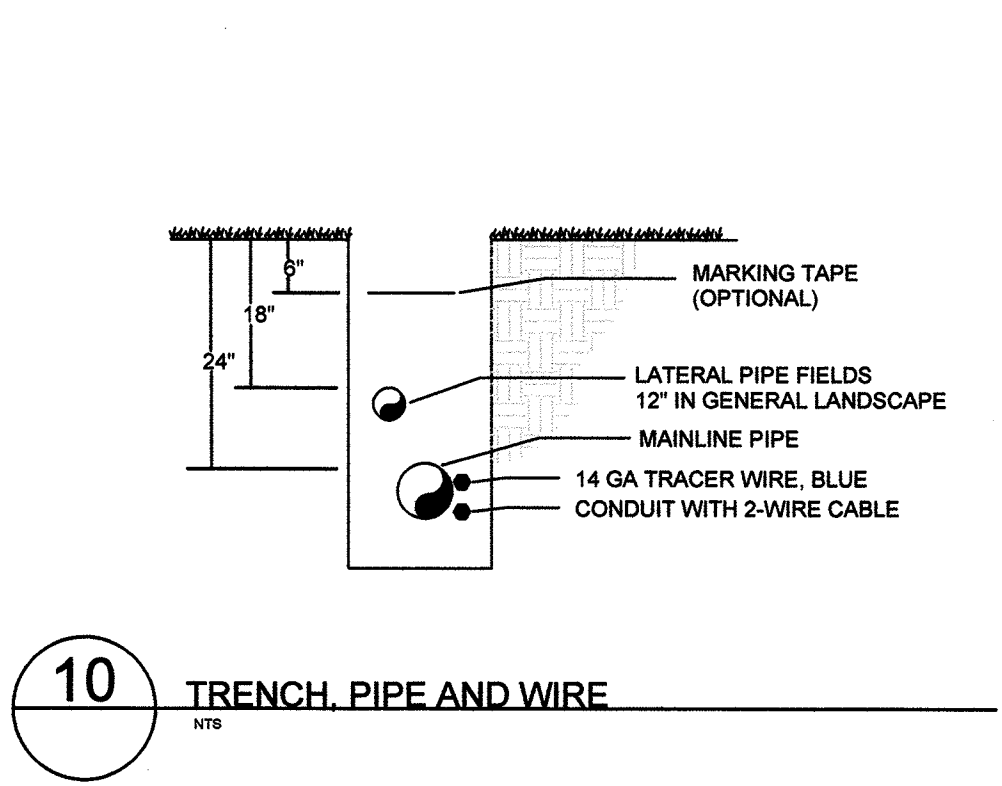
**5** ELECTRIC CONTROL VALVE  
NTS



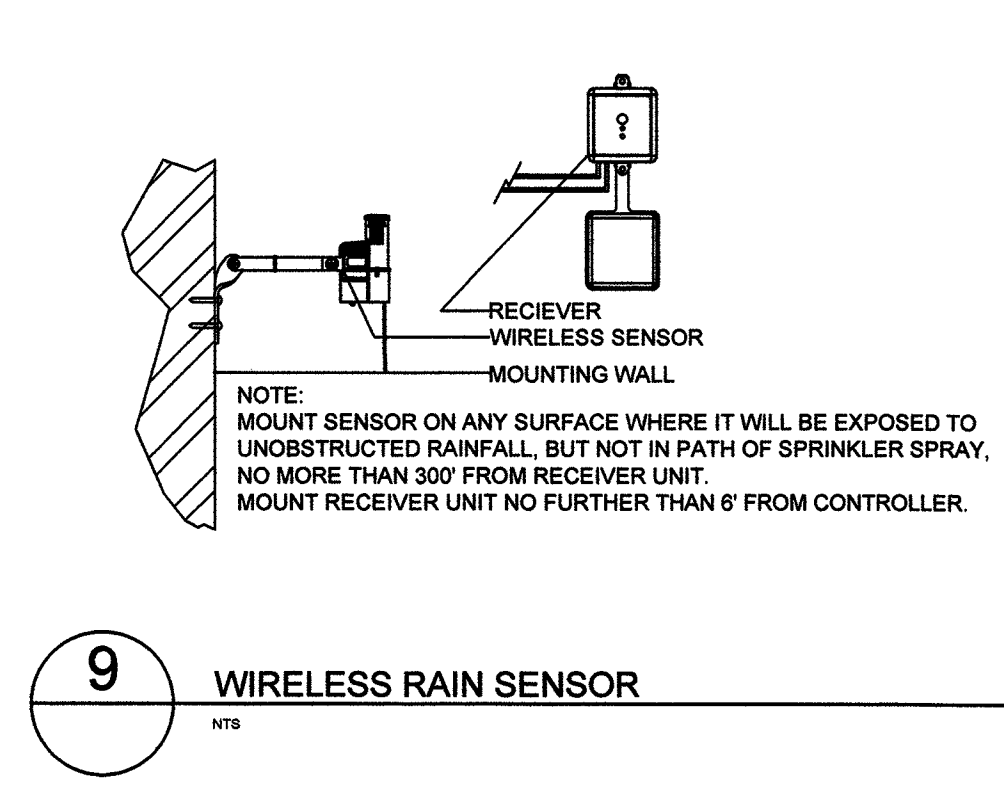
**12** IRRIGATION SUPPLY VALVE AND CONTROL WIRE CONDUIT  
NTS



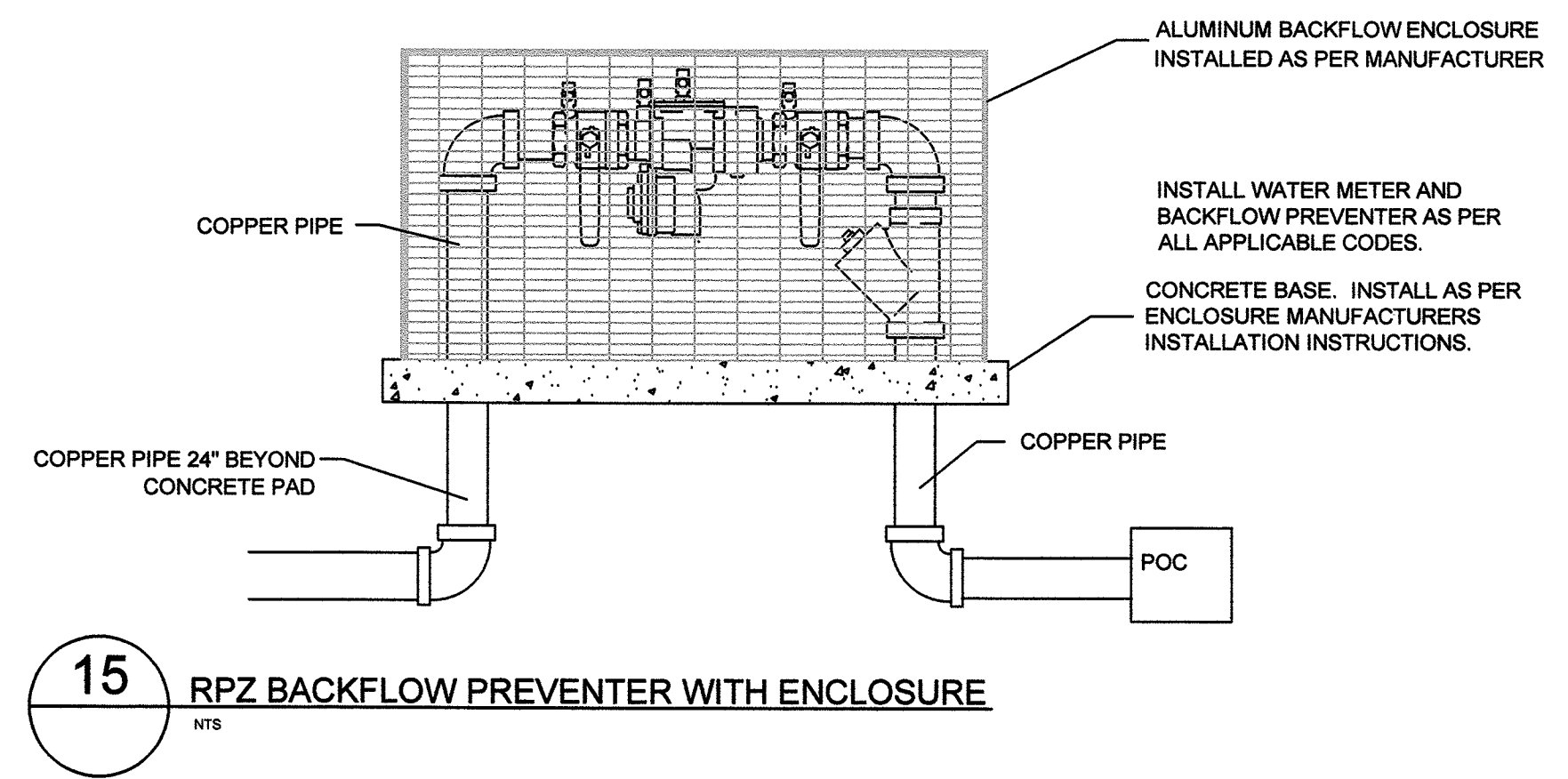
**11** SLEEVING  
NTS



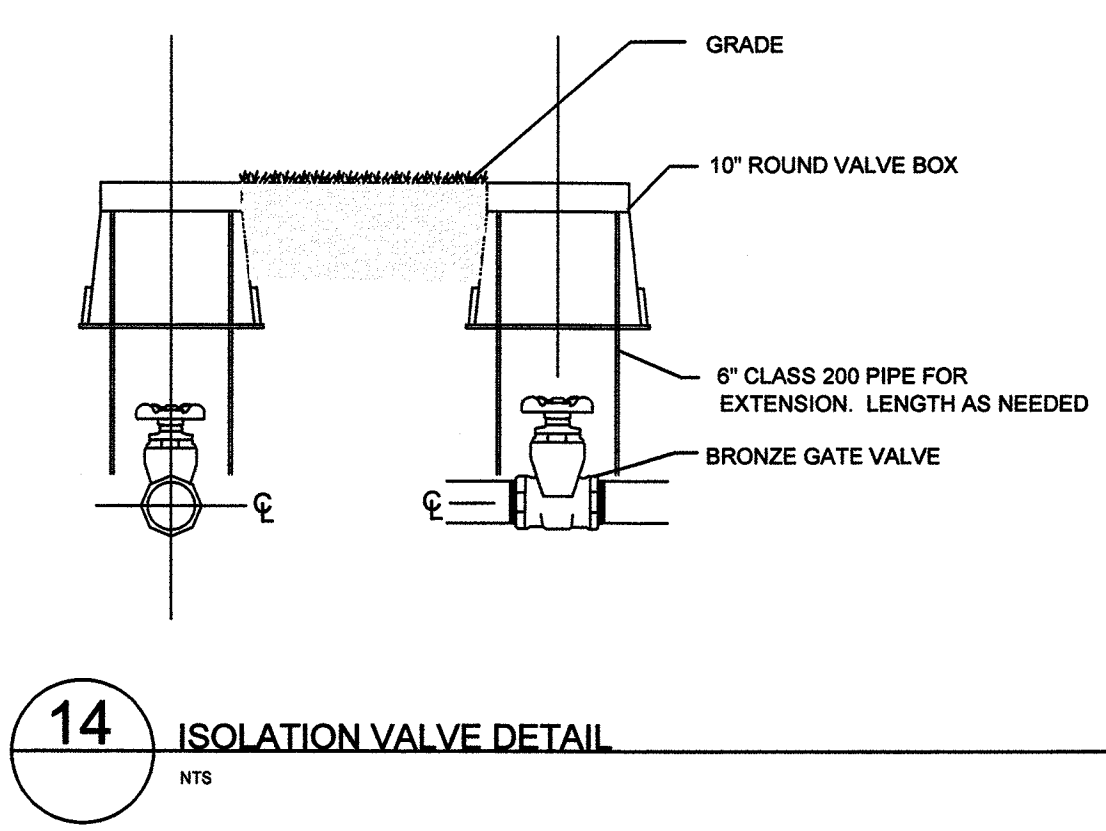
**10** TRENCH, PIPE AND WIRE  
NTS



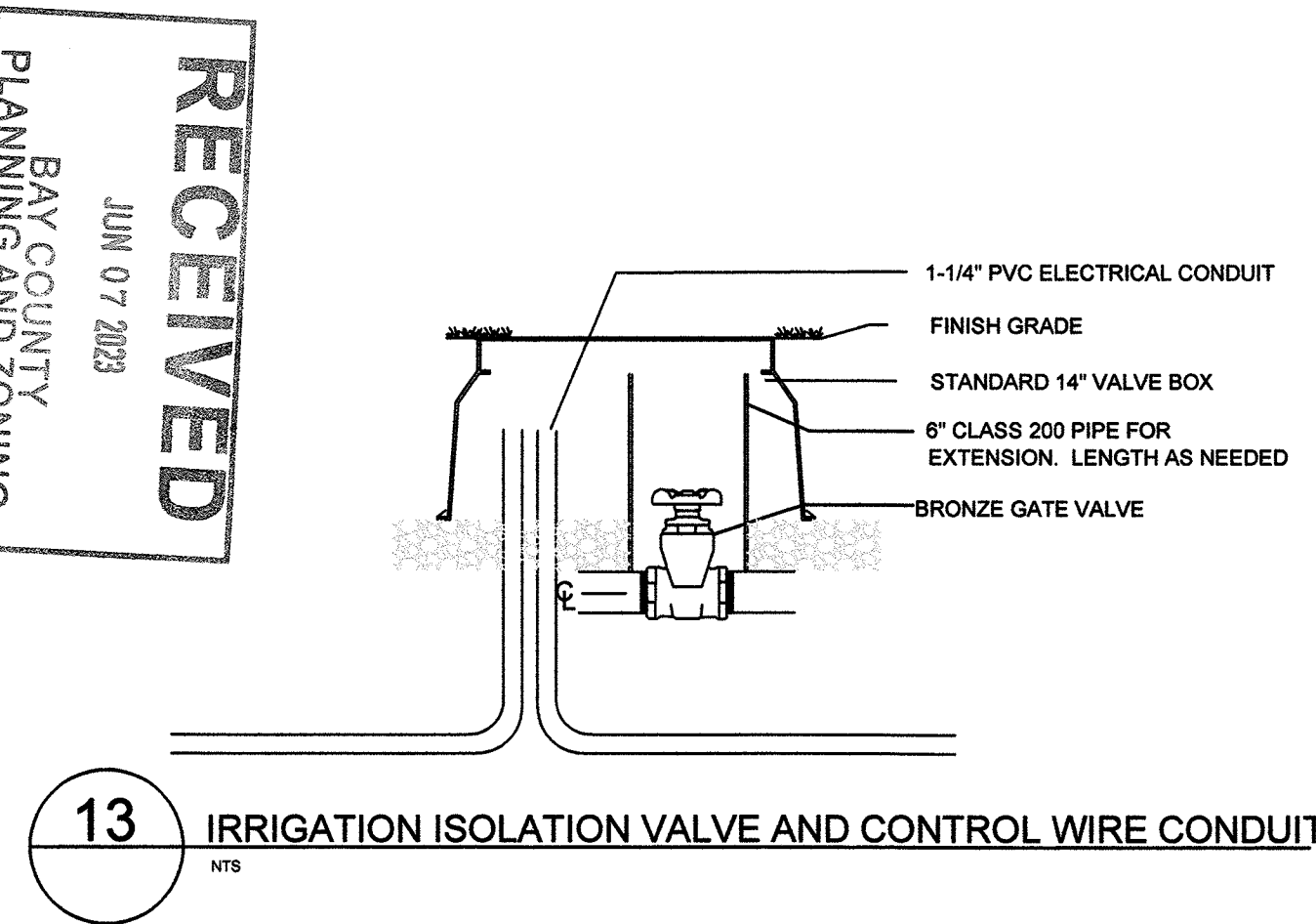
**9** WIRELESS RAIN SENSOR  
NTS



**15** RPZ BACKFLOW PREVENTER WITH ENCLOSURE  
NTS



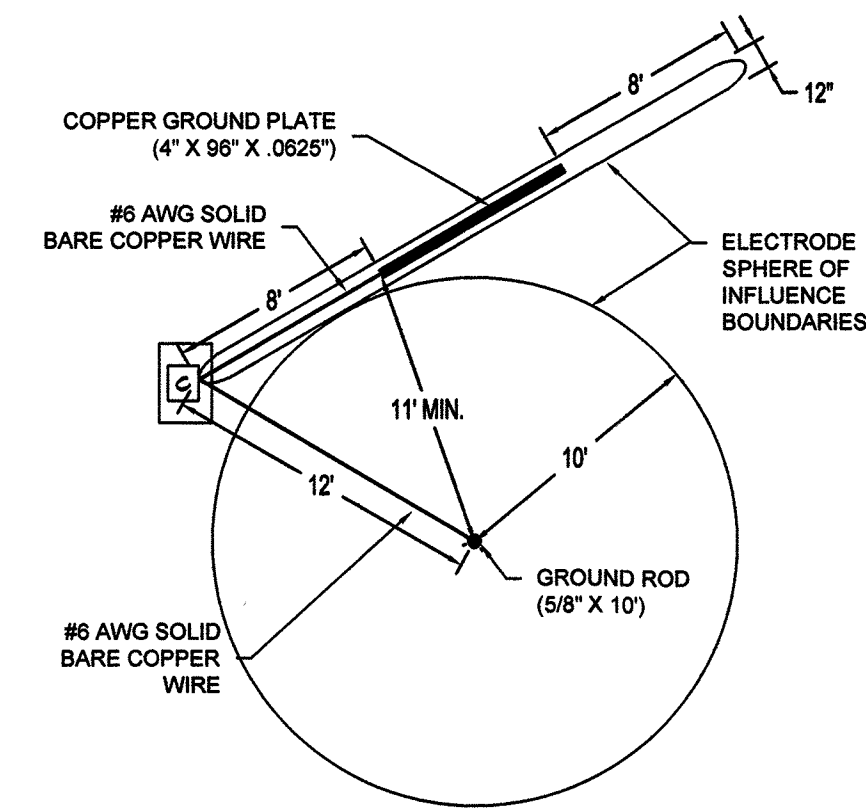
**14** ISOLATION VALVE DETAIL  
NTS



**13** IRRIGATION ISOLATION VALVE AND CONTROL WIRE CONDUIT  
NTS

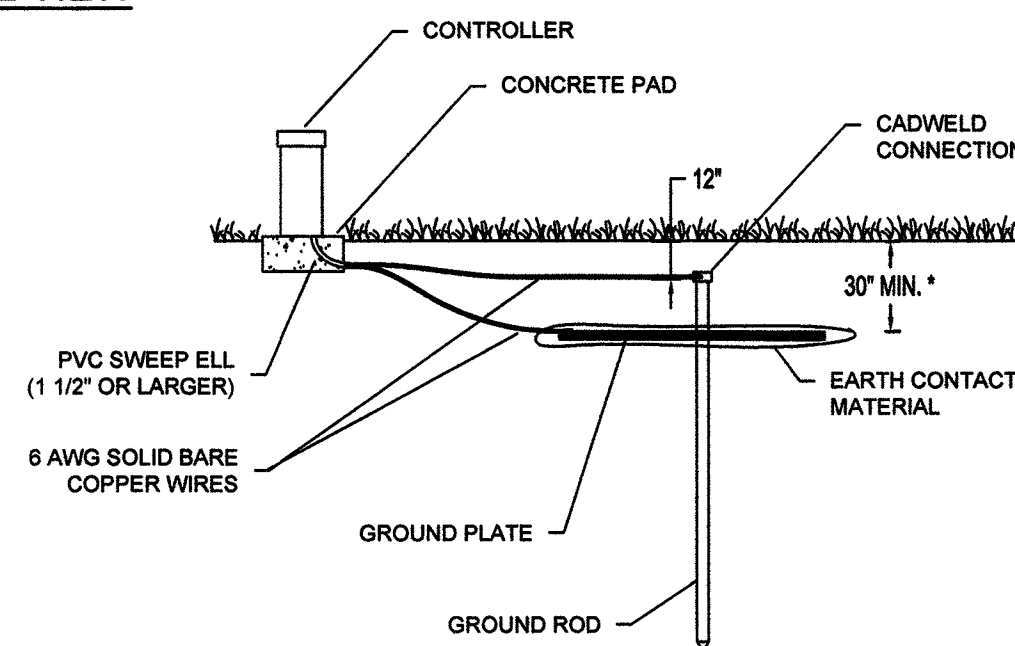
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**TOP VIEW**



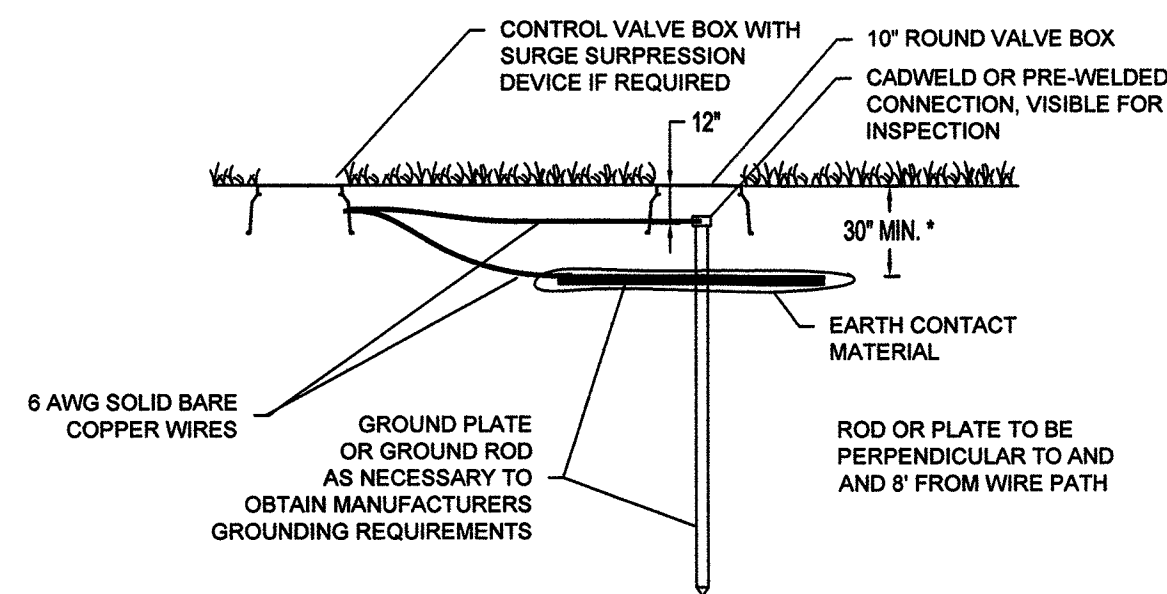
DO NOT INSTALL ANY OTHER WIRES OR CABLE WITHIN THE SPHERE OF INFLUENCE

**SIDE VIEW**



**16** CONTROLLER GROUNDING DETAIL  
NTS

**SIDE VIEW**



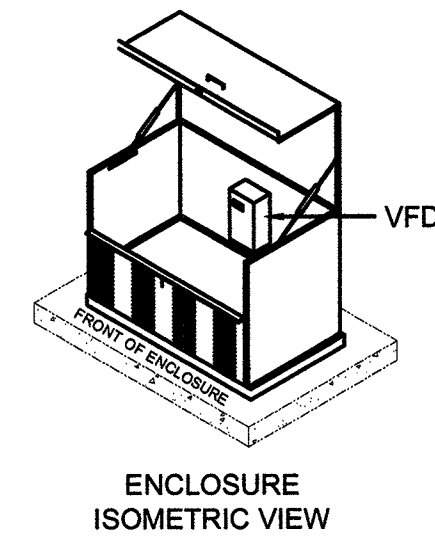
**17** TWO WIRE GROUNDING POINT DETAIL  
NTS

**PUMP STATION SPECIFICATIONS:**  
 NAME: SOUTHPORT SPORTS COMPLEX  
 STATION MODEL: WMBV-5000-2-15-480-3-300-100  
 STATION TOTAL PERFORMANCE: 300 GPM @ 100 PSI  
 DYNAMIC INLET PRESSURE: 40 PSI  
 BOOST PRESSURE: 60 PSI  
 REGULATED DISCHARGE PRESSURE: 100 PSI  
 PUMP HORSEPOWER:  
 PUMP NO.1: 15HP (3600RPM)  
 CHECK VALVE SIZES:  
 PUMP NO.1 4"  
 ISOLATION VALVE SIZES:  
 DISCHARGE ISOLATION VALVE SIZE: 4"  
 DISCHARGE MANIFOLD SIZE: 4"

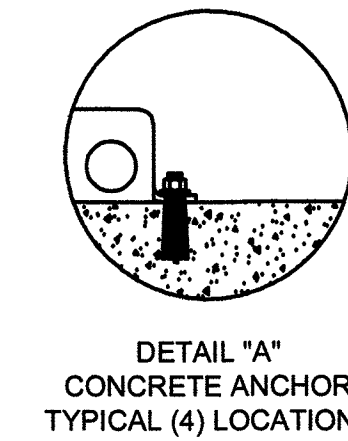
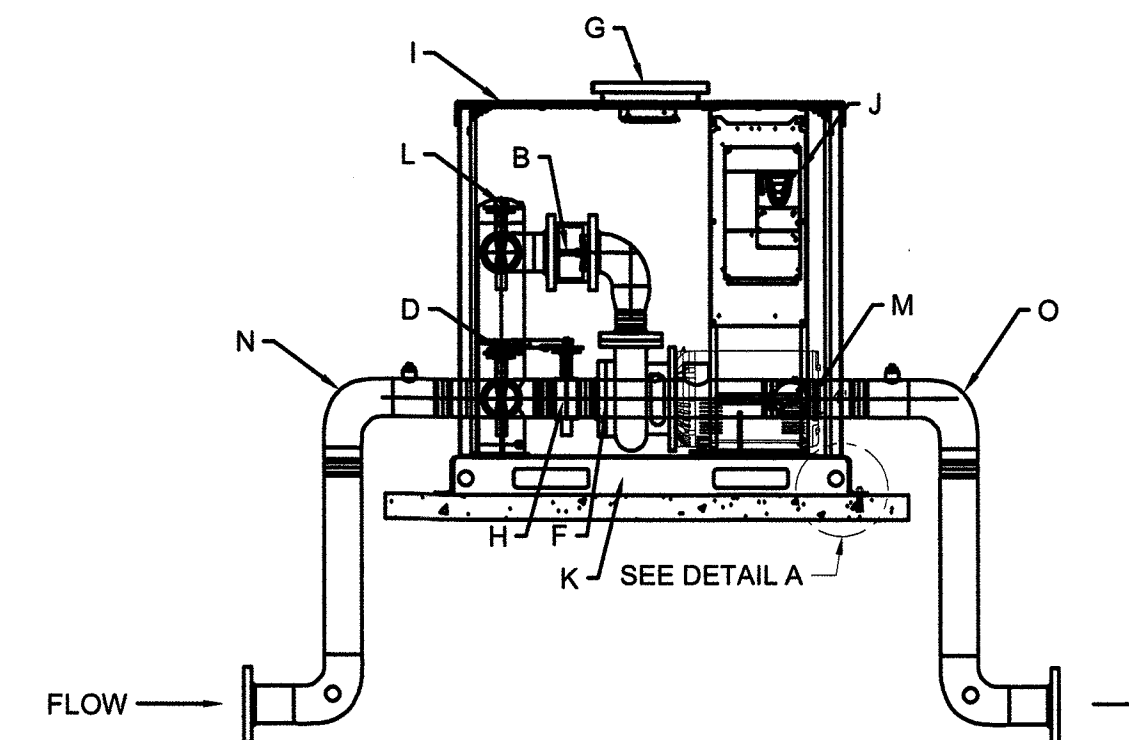
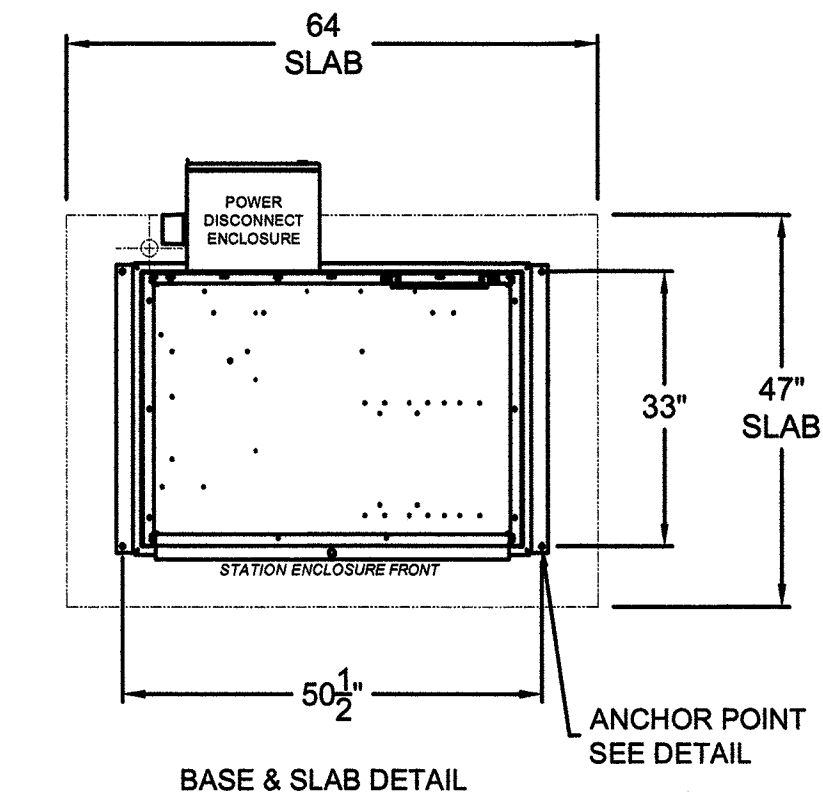
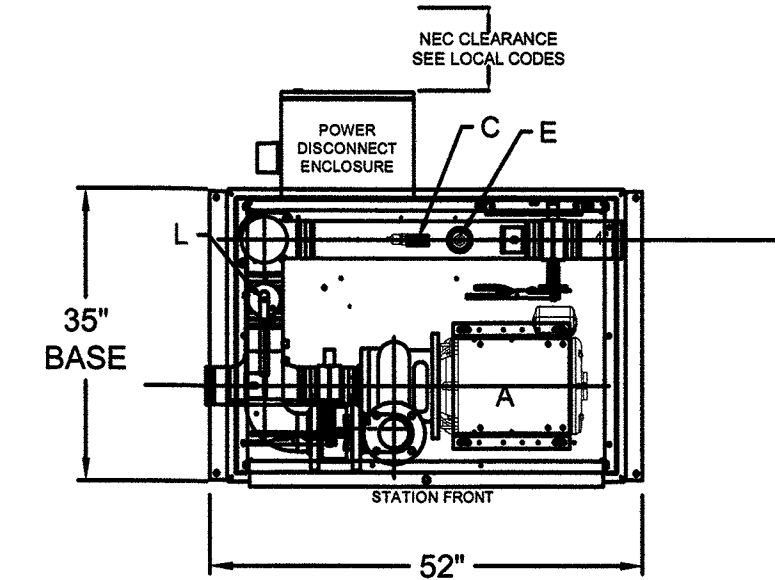
POWER REQUIREMENTS: 480V, 60 HZ, 3PHZ, 19FLA (EST.)  
 EXHAUST FAN REQUIREMENTS: 240CFM

**STATION COMPONENTS:**

- A PUMP AND MOTOR
- B CHECK VALVE
- C PRESSURE TRANSDUCER WITH GAUGE
- D BY-PASS VALVE
- E FLOW SENSOR
- F TEMP SENSOR
- G STATION FAN HOOD MOUNTED
- H PUMP INTAKE ISOLATION VALVE
- I MARINE GRADE ALUMINUM ENCLOSURE (UNPAINTED)
- J VFD WITH PUMP CONTROLLER
- K MARINE GRADE ALUMINUM BASE (UNPAINTED)
- L PUMP DISCHARGE ISOLATION VALVE
- M STATION DISCHARGE ISOLATION VALVE
- N INTAKE DROP PIPE W/ 4" FLG CONNECTION
- O DISCHARGE DROP PIPE W/ 4" FLG CONNECTION



ENCLOSURE ISOMETRIC VIEW



DETAIL "A"  
CONCRETE ANCHOR  
TYPICAL (4) LOCATIONS

<input type="checkbox"/> APPROVED AS SUBMITTED	7				DRAWN BY: PJB	DATE: 12/08/2021	TITLE: SOUTHPORT SPORTS COMPLEX IRRIGATION PUMP STATION
<input type="checkbox"/> APPROVED AS NOTED	6				CHECKED BY:	DATE:	
<input type="checkbox"/> REVISE AND RESUBMIT	5				THIS DRAWING AND DESIGN, IS THE PROPERTY OF WATERTRONICS AND IS NOT TO BE REPRODUCED IN WHOLE OR PART, NOR EMPLOYED FOR ANY PURPOSE OTHER THAN SPECIFICALLY PERMITTED IN WRITING BY WATERTRONICS. THIS DRAWING LOANED AND SUBJECT TO RETURN ON DEMAND		
SIGNATURE:	4						
NAME:	3						
DATE:	2						
	1	06/29/2022	PJB	UPDATE FLOW, PRESSURE, HP			
	NO.	DATE	BY	DESCRIPTION	SCALE: NTS SHEET 1 OF 1 SHEETS JOB NO.: DRAWING NO. PRST14599		

**18** BOOSTER PUMP DETAIL  
NTS

*Michael Clark*  
5-26-2023

REV	DATE	BY	DESCRIPTION

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