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Mobile, Alabama 36602
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TRANSMITTAL COVER SHEET

DATE: October 25, 2022
PAGE: 1 of 6 (INCLUDING THIS PAGE)
TO: ALL CONTRACTORS
FROM: John Bricken
PROJECT: SPIRIT PARK ATHLETIC FIELDS RENOVATION
FOR CITY OF SPANISH FORT
GMC PROJECT NO. LMOB220011
RE: ADDENDUM #1

PLEASE COMPLETE BELOW AND RETURN IMMEDIATELY.

Ashley Morris
Email: Ashley.Morris@gmcnetwork.com

I, the undersigned, hereby acknowledge receipt of this Addendum.

Authorized Representative of Contractor

Date

Company Name

Telephone

Fax

Contractor's License Number (if applicable)



ADDENDUM NUMBER 1

SPIRIT PARK ATHLETIC FIELDS RENOVATION

FOR

CITY OF SPANISH FORT

GMC PROJECT NO. LMOB220011

1. Revisions to Project Manual

- 1.1 The following revisions are hereby added as Addendum No. 1 to the referenced Project Manual and Plans and shall be considered when preparing bids.

2. General Information

- 2.1 Disregard the previous plan set distributed, the revised plan set is included in this addendum with a total of 4 sheets.

3. Acknowledgement of Receipt

- 3.1 Receipt of Addendum shall be acknowledged in two ways:

- 3.1.1 Note on (EJCDC C-410) page 2 of Bid Form of the Project Manual – Bidder acknowledges receipt of “Addendum No. 1” and date of “Tuesday, October 25, 2022”.

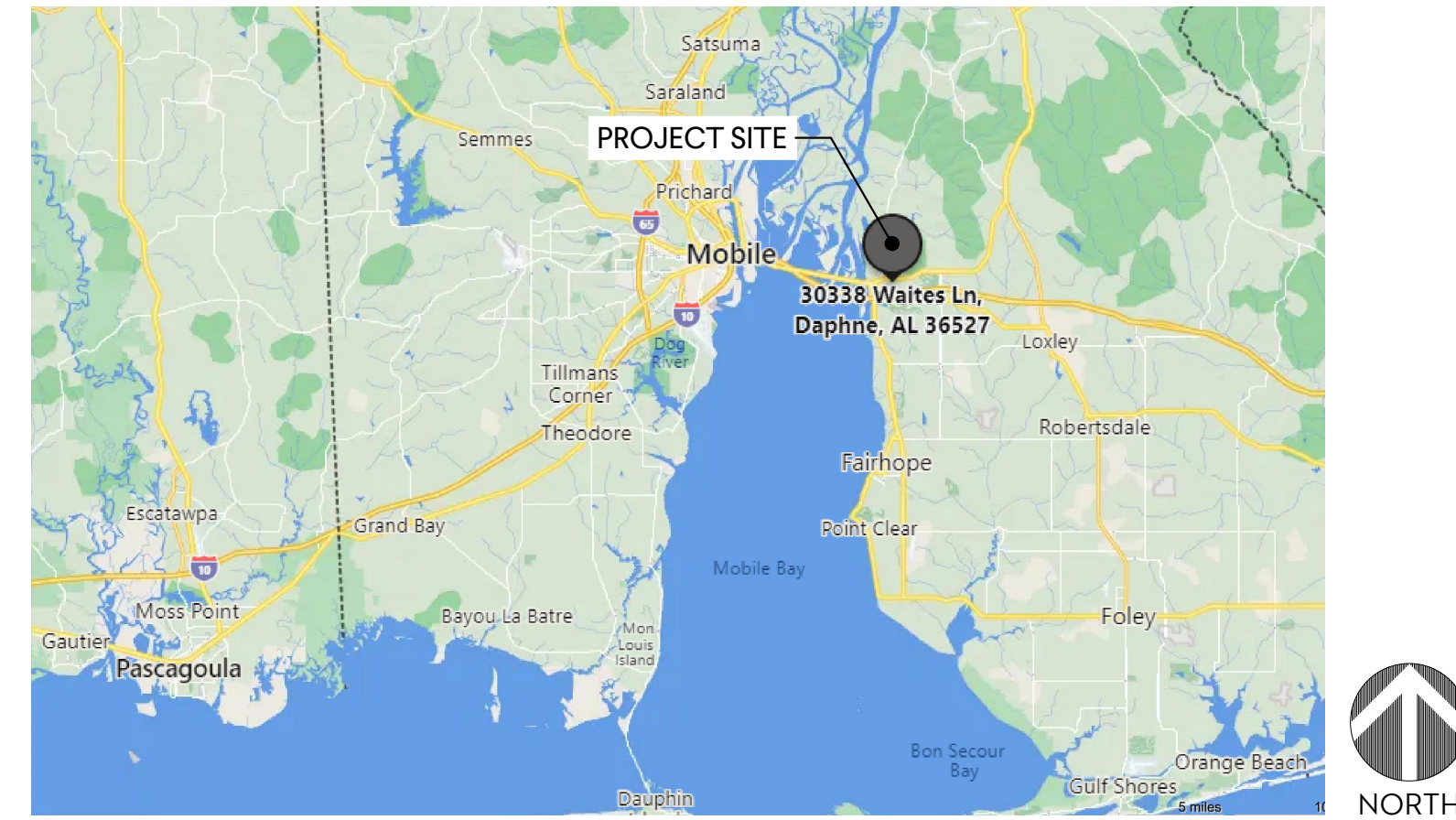
AND

- 3.1.2 EMAIL GMC immediately at ashley.morris@gmcnetwork.com with attached signed transmittal to confirm that addendum has been received and is legible.

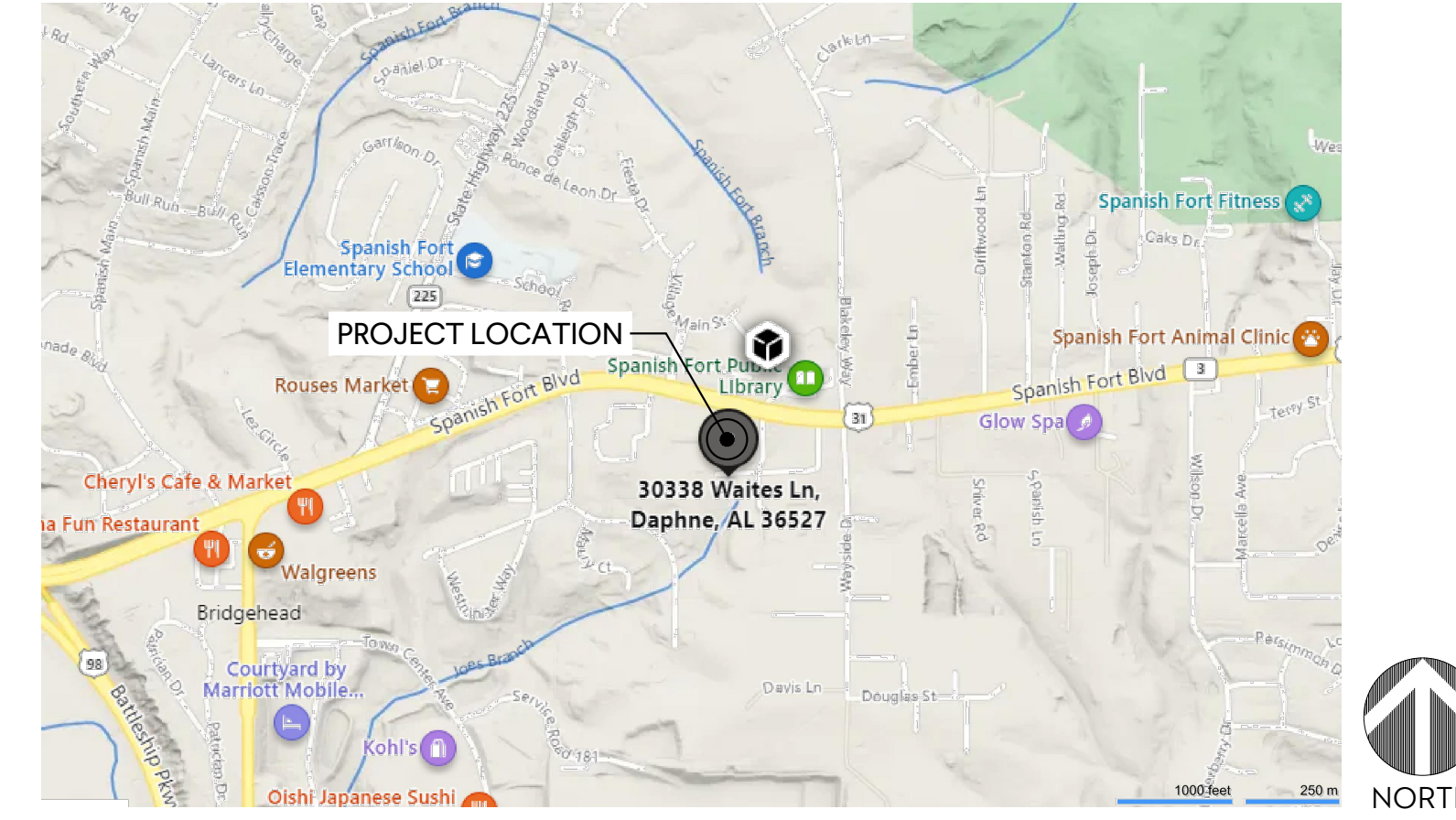
4. Conclusion

- 4.1 This is the end of Addendum Number 1, dated Tuesday, October 25, 2022.

VICINITY MAP



LOCATION MAP



SPIRIT PARK ATHLETIC FIELDS

SPANISH FORT, ALABAMA

CONSTRUCTION DOCUMENT SET

GOODWYN MILLS CAWOOD, LLC | LANDSCAPE ARCHITECTURE

SHEET INDEX

SHEET	DESCRIPTION
T1.00	TITLESHEET, VICINITY MAPS AND SHEET INDEX
SF2.00	FIELD DETAILS
SF1.00	SPORTFIELD PLAN
IR1.00	TYP. IRRIGATION PLAN, SCHEDULE AND NOTES
I1.01	IRRIGATION DETAILS

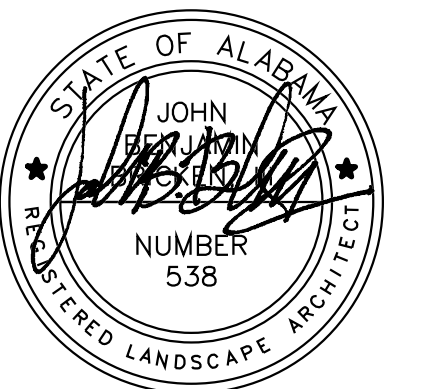
GMC

2660 East Chase Lane Suite 200
Montgomery, AL 36117
T 334.271.3200

ISSUED FOR CONSTRUCTION	ISSUE DATE
	10/25/2022
CHECKED BY:	DRAWN BY:
JBB	AF

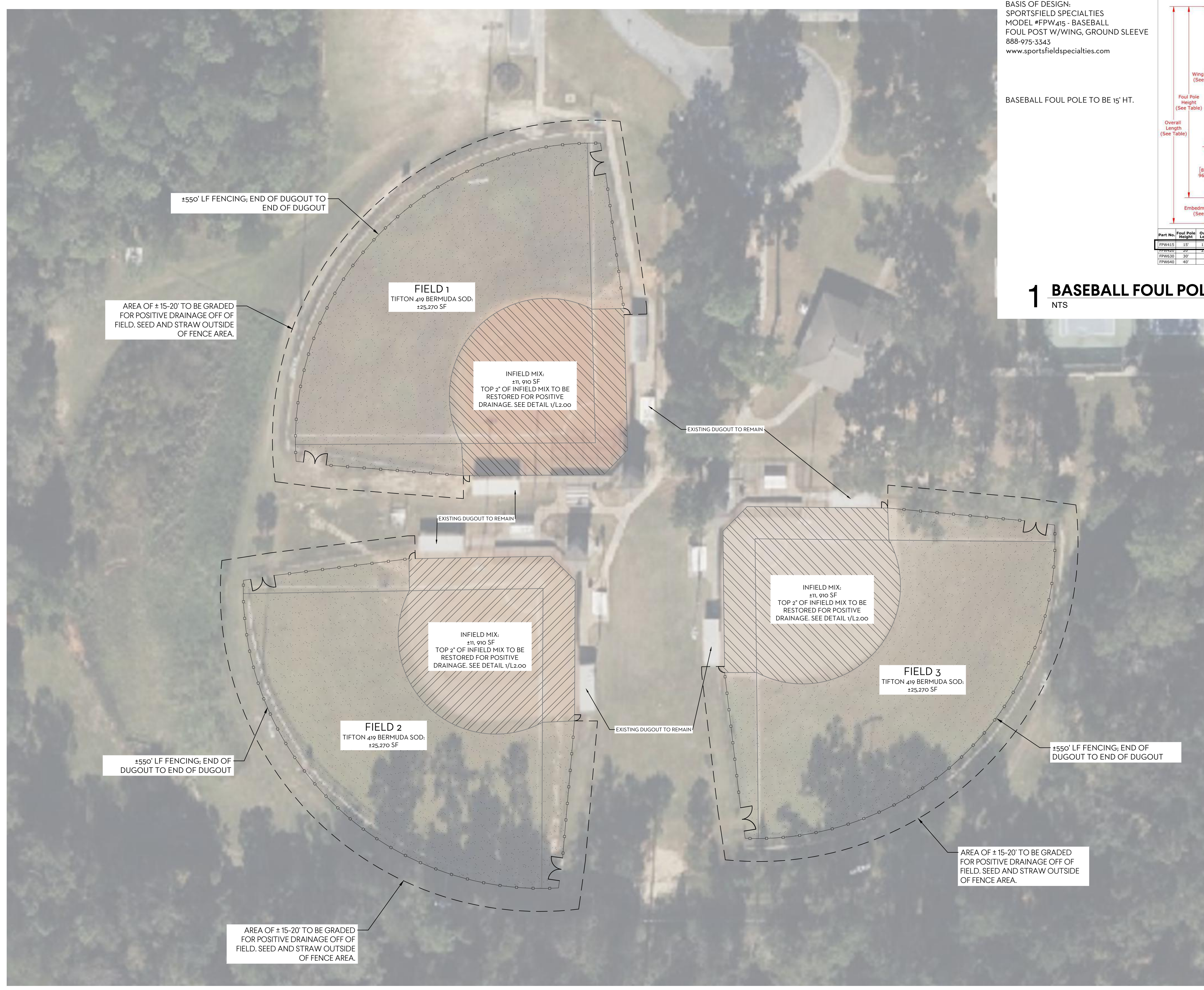
SPIRIT PARK
ATHLETIC FIELDS
SPANISH FORT, ALABAMA

LMOB220011



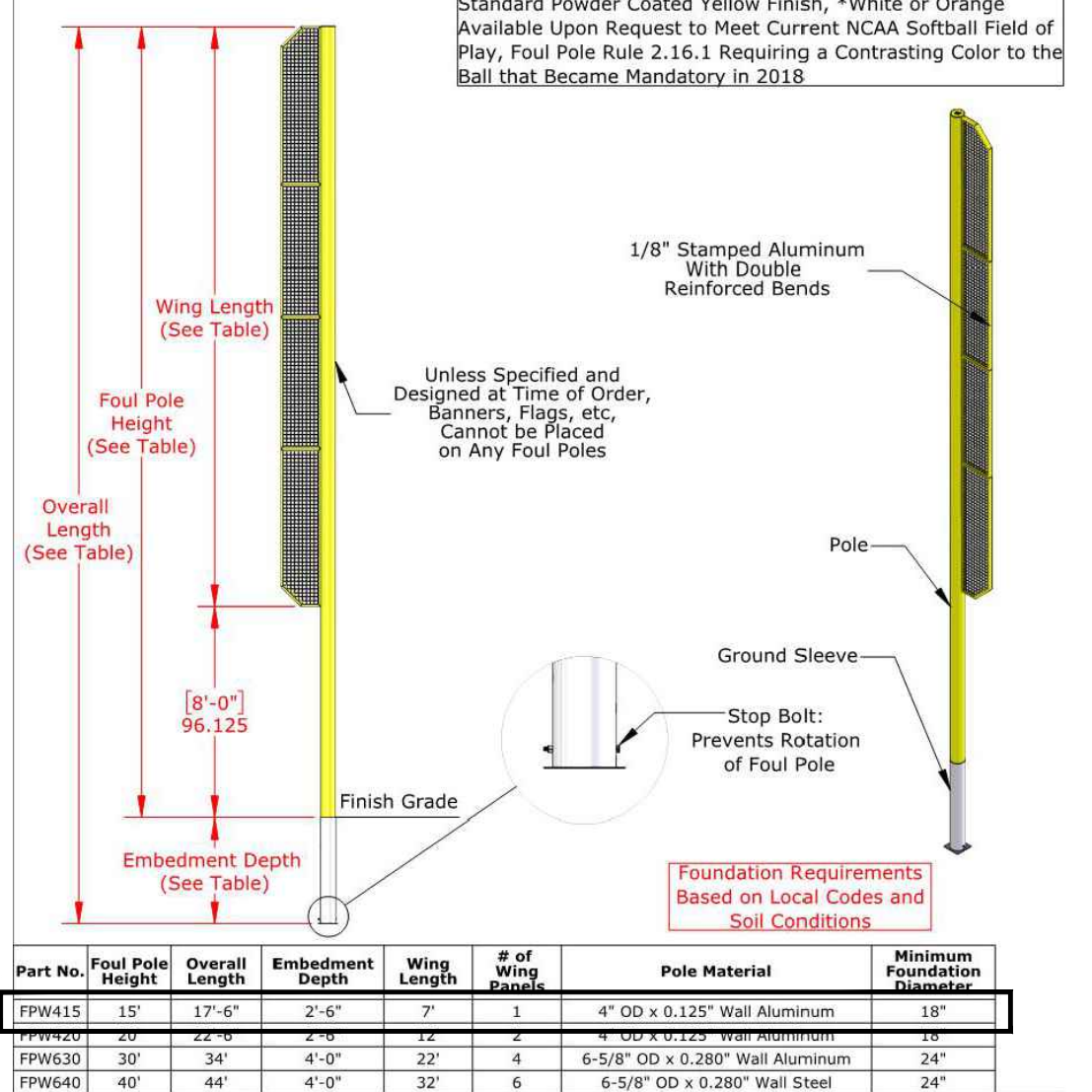
TITLE SHEET, VICINITY
MAP AND SHEET INDEX

T1.00

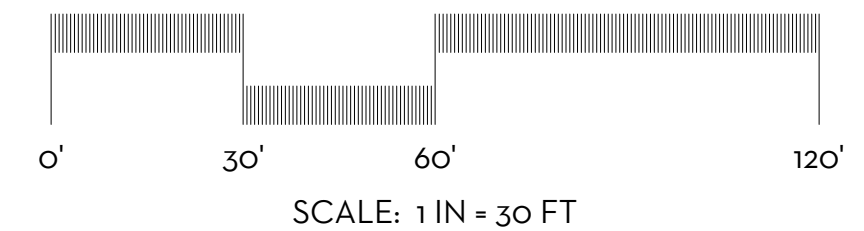


BASIS OF DESIGN:
SPORTSFIELD SPECIALTIES
MODEL #FPW415 - BASEBALL
FOUL POST W/WING, GROUND SLEEVE
888-975-3343
www.sportsfieldspecialties.com

BASEBALL FOUL POLE TO BE 15' HT.



1 BASEBALL FOUL POLE DETAIL
NTS



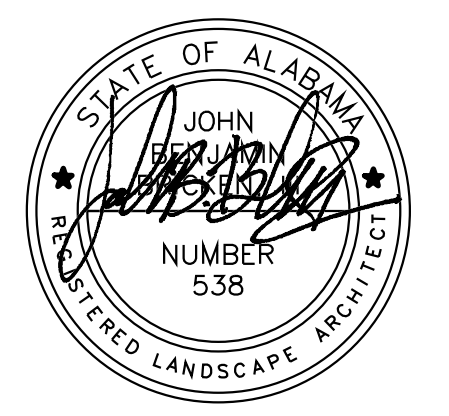
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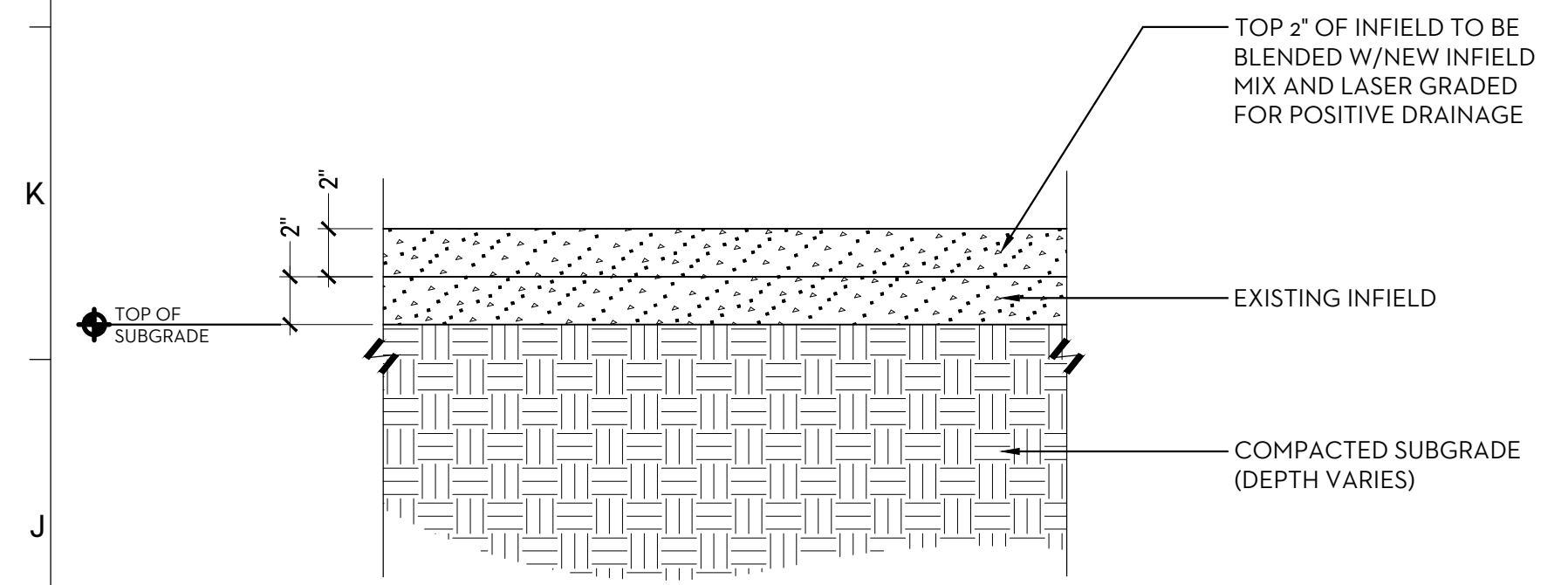
SPORTS PARK
ATHLETIC FIELDS
SPANISH FORT, ALABAMA

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SPORTSFIELD PLAN

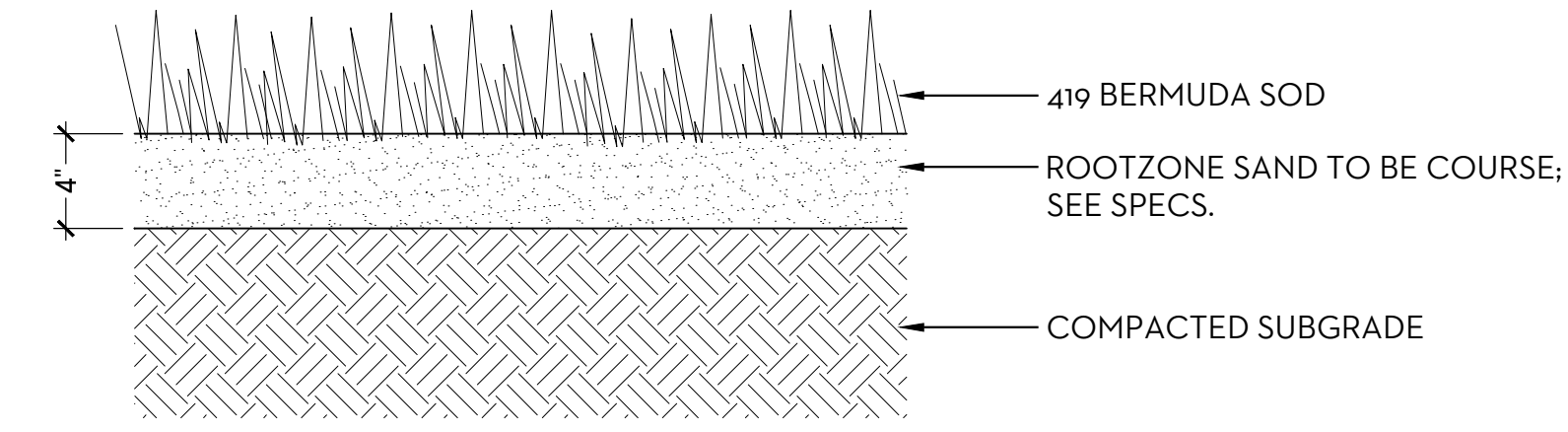
SF1.00



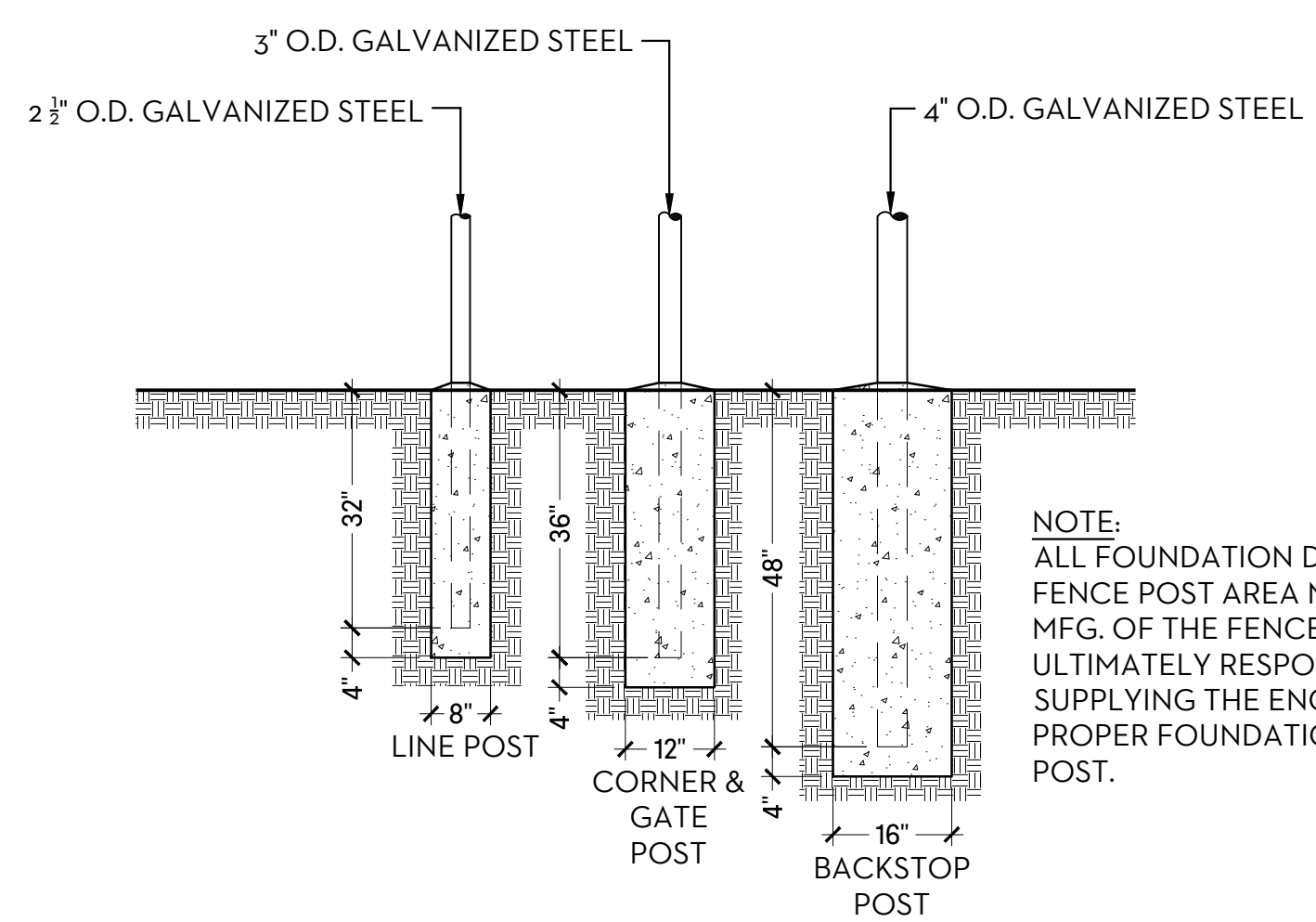
BASIS OF DESIGN:
SAF - SOUTHERN ATHLETIC FIELDS
800-837-8062 www.safdir.com

NOTE:
'SAF MARMIX' OR
BLENDED INFIELD CLAY
MATERIAL (70% SAND,
30% CLAY)

1 SECTION: SKINNED INFIELD SOIL MIX
N.T.S.

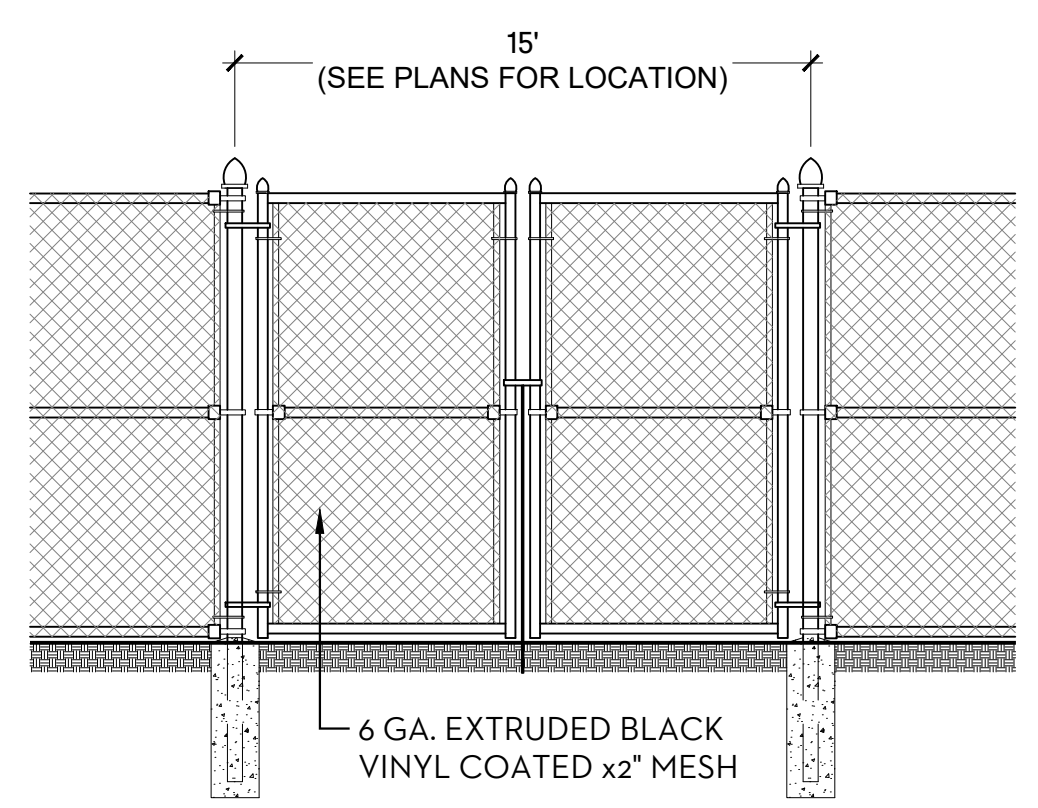


2 DETAIL-4" SAND CAP - NATURAL GRASS FIELD
1 1/2" = 1'-0"



NOTE:
ALL FOUNDATION DETAILS FOR THE
FENCE POST AREA MIN. STANDARD, THE
MFG. OF THE FENCE SHALL BE
ULTIMATELY RESPONSIBLE FOR
SUPPLYING THE ENGINEER WITH THE
PROPER FOUNDATION SIZE FOR EACH
POST.

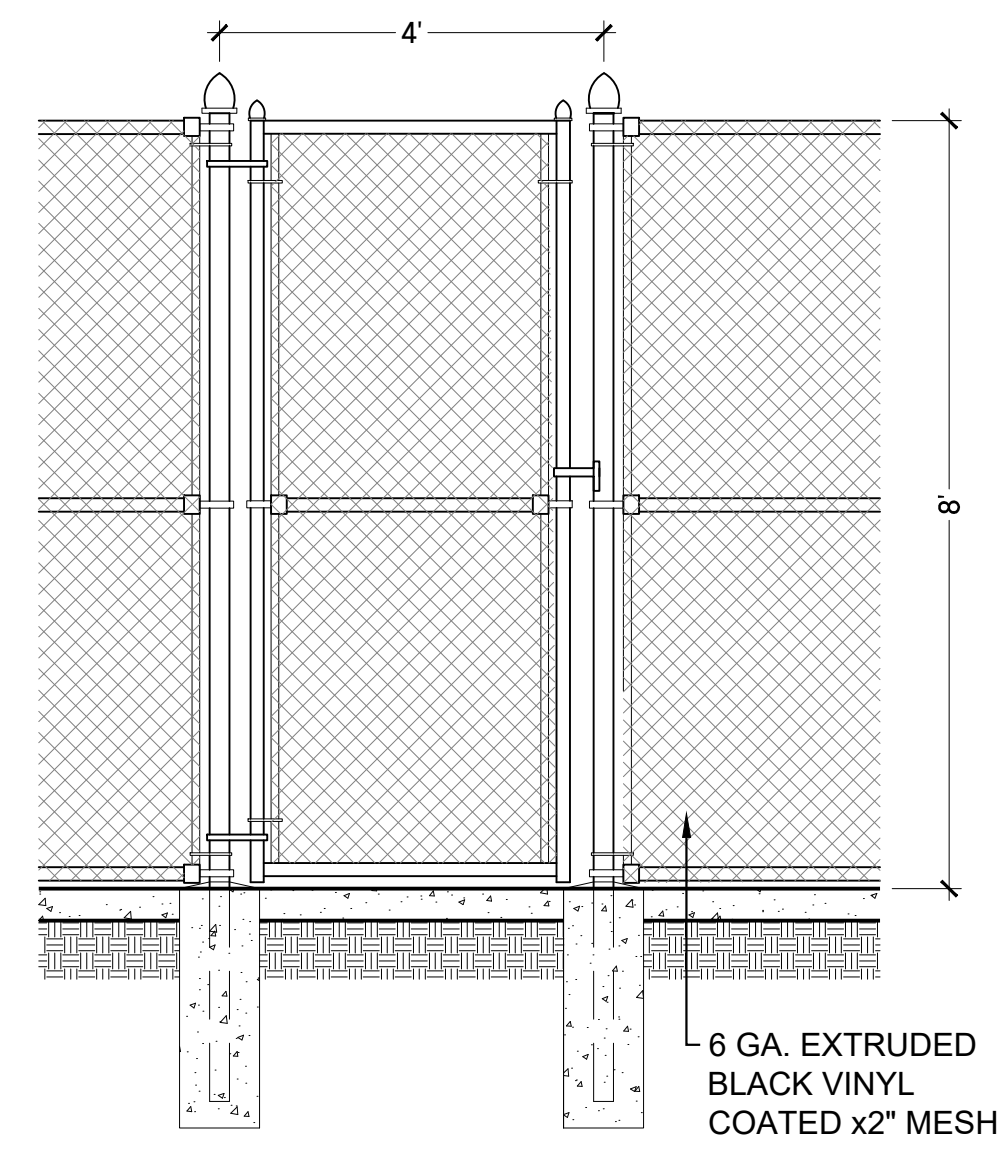
3 FENCE POST FOOTING SECTION
1/2" = 1'-0"



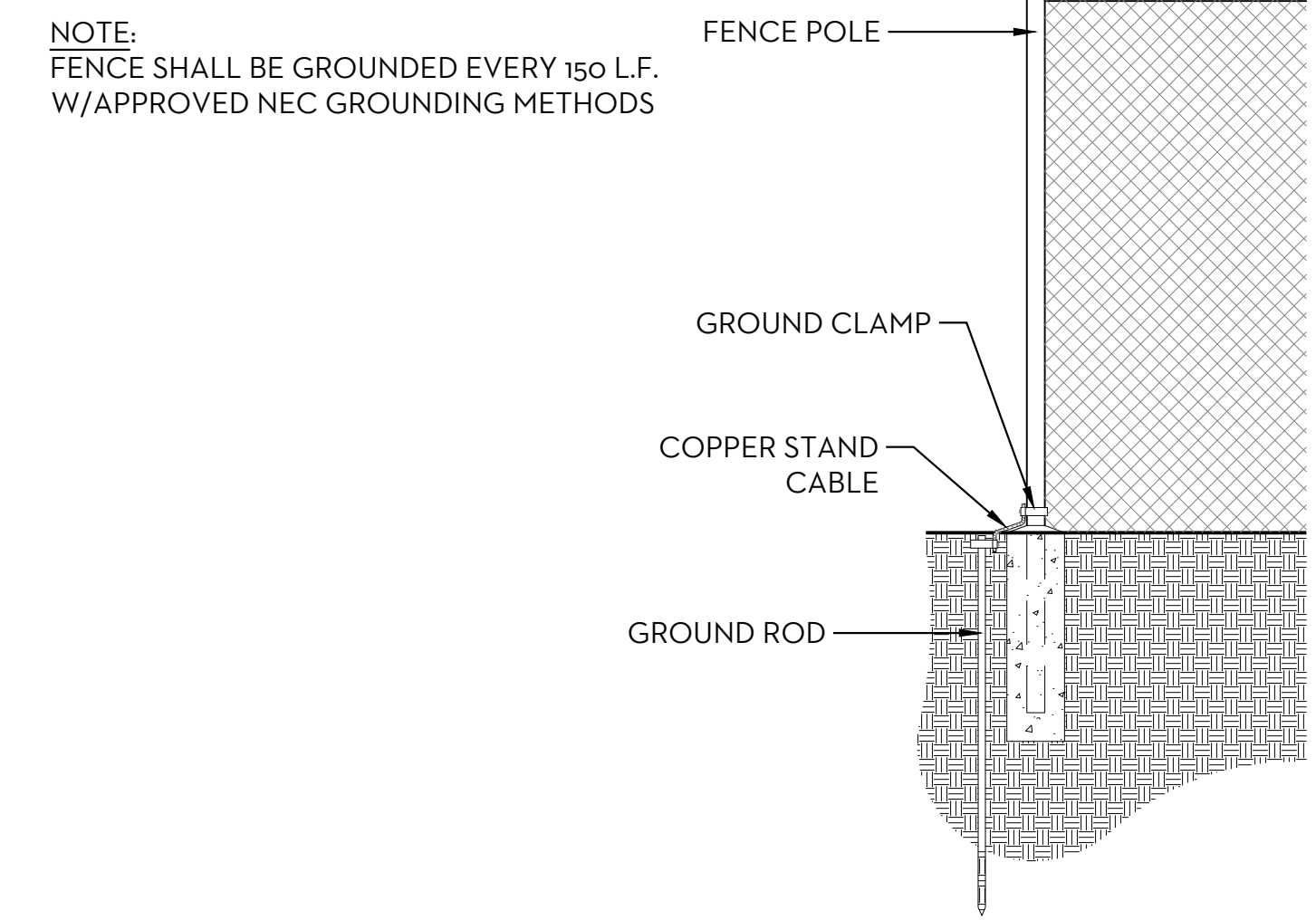
4 GATE DETAIL - 15' WIDE
N.T.S.

FENCING NOTES:

- FABRIC: 48", 72", 96", 6 GA. EXTRUDED VINYL (2" MESH) CHAIN LINK FABRIC.
- TOP RAIL: 1 1/2" O.D., 40 WEIGHT-VINYL COATED, 2.27 LBS. PER FOOT. TOP RAIL 21' LENGTH. JOINED W/1 1/2" VINYL SLEEVE.
- LINE POST: 2 1/2" O.D., 40 WEIGHT-VINYL COATED, 3.65 LBS. PER FOOT. LINE POSTS SET 10' O.C. MAX. SPACING. CONCRETE FOOTING: 8" DIAMETER, 30" DEPTH.
- TERMINAL POST: 3" O.D., 40 WEIGHT-VINYL COATED, 5.79 LBS. PER FOOT. CONCRETE FOOTING: 12" DIAMETER, 36" DEPTH.
- BRACING: TERMINAL POSTS BRACED AND TRUSSED TO THE NEAREST LINE POST W/1 1/2" O.D., 40 WEIGHT-VINYL COATED AND VINYL 3/8" TRUSS ROD AND VINYL TRUSS ROD TIGHTENER.
- TENSION WIRE: 6 GA. VINYL TENSION WIRE ATTACHED TO BOTTOM OF FENCE FABRIC W/9 GA. VINYL STEEL HOG RING SPACED 18" O.C.
- FITTINGS: VINYL BRACED BAND AND CARRIAGE BOLT, VINYL RAIL-END, VINYL LOOP-CAP, VINYL ALUMINUM CAP.
- TIE WIRE 6 1/2" VINYL-9 GA. TIE WIRE SPACED 14" O.C. FOR LINE POSTS AND 18" O.C. FOR RAILS.
- POST FOOTING: 3000 PSI CONCRETE.

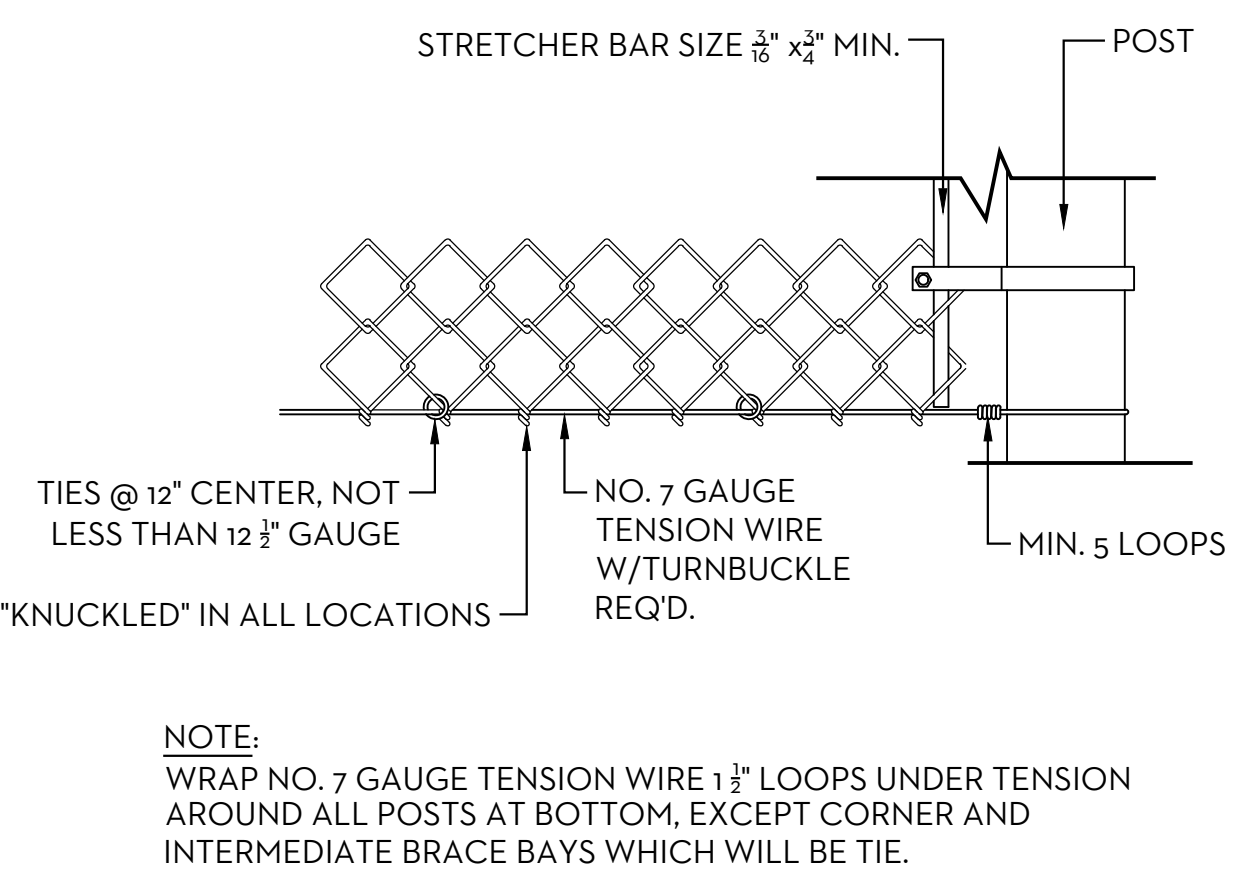


5 FENCE AND GATE DETAIL - 4' WIDE
1/2" = 1'-0"

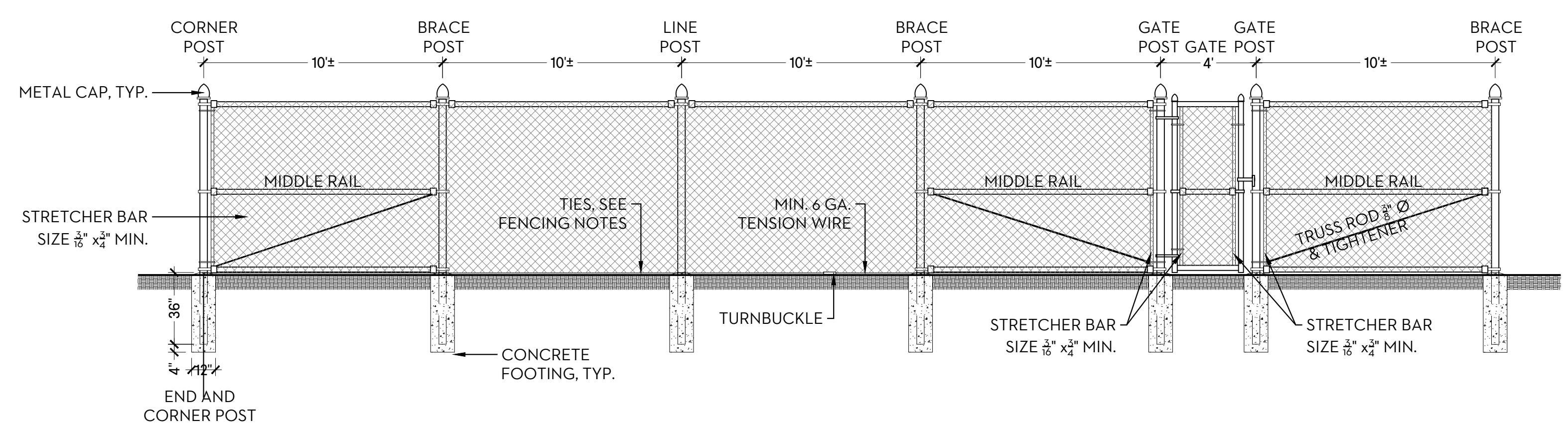


NOTE:
FENCE SHALL BE GROUNDED EVERY 150 L.F.
W/APPROVED NEC GROUNDING METHODS

6 CHAIN LINK FENCE GROUNDING DETAIL
1/2" = 1'-0"



7 CHAIN LINK FENCE BOTTOM RAIL DETAIL
3" = 1'-0"



8 CHAIN LINK FENCE LINE DETAIL
1/4" = 1'-0"

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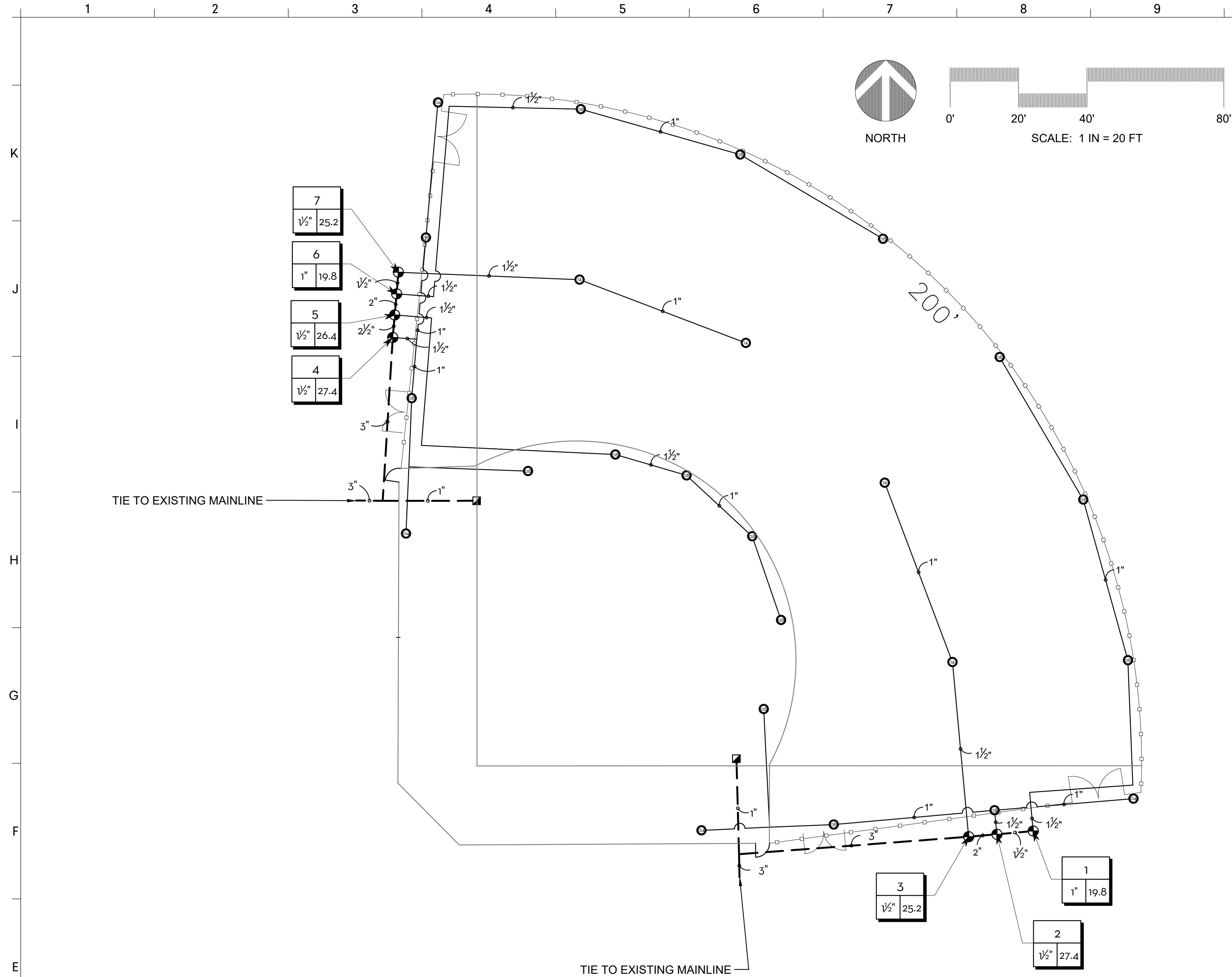
SPRIT PARK
ATHLETIC FIELDS
SPANISH FORT, ALABAMA

LMOB220011



FIELD DETAILS

SF2.00

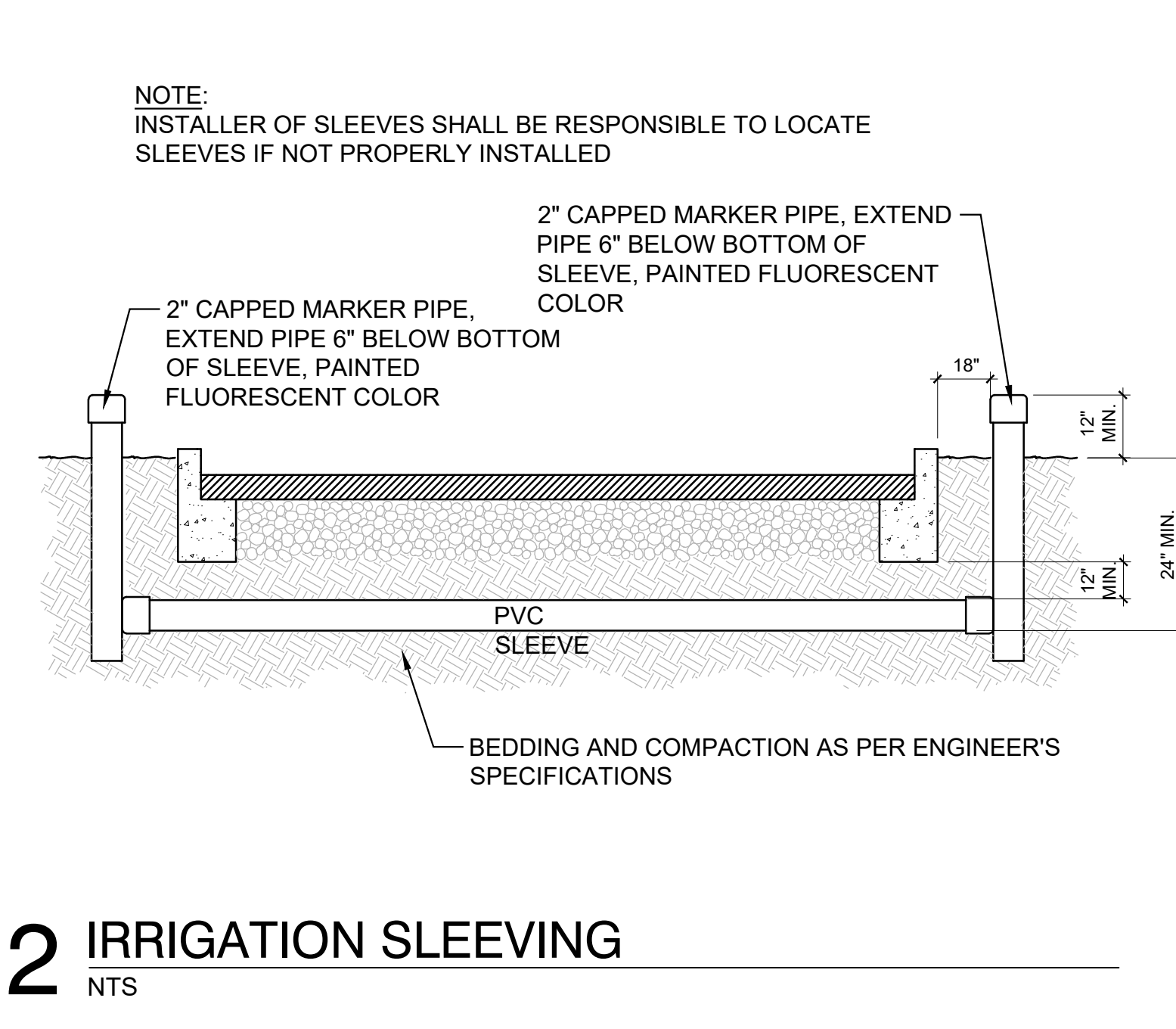
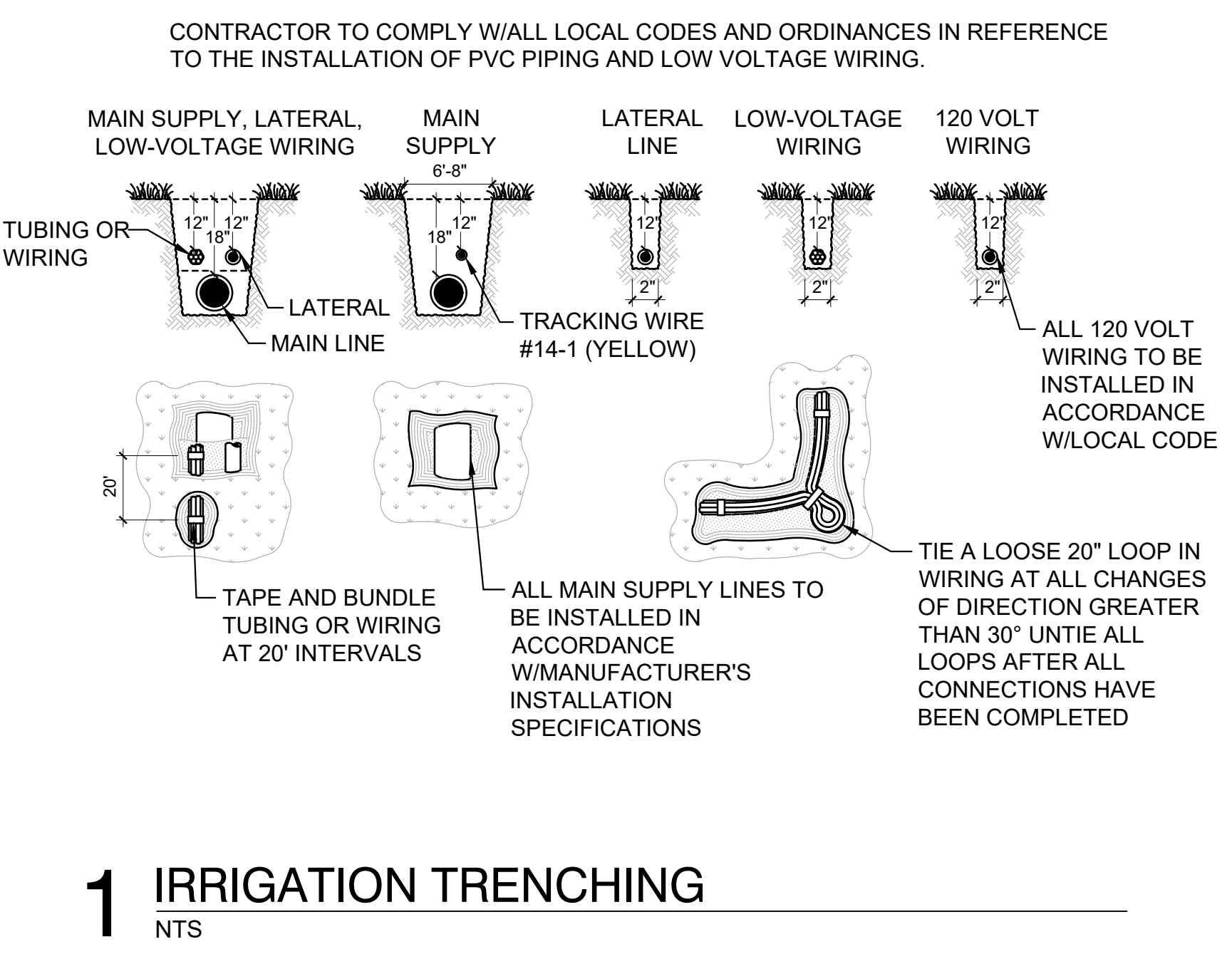


IRRIGATION SCHEDULE					
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS
⊙	RAIN BIRD 6504-PC, FC TURF ROTOR, 4.0" POP-UP, PLASTIC RISER, ADJUSTABLE AND FULL CIRCLE, WITH REMOVABLE SEAL-A-MATIC CHECK VALVE, 1" FEMALE THREADED INLET.	4	40	3.3	41'
⊙	RAIN BIRD 6504-PC, FC TURF ROTOR, 4.0" POP-UP, PLASTIC RISER, ADJUSTABLE AND FULL CIRCLE, WITH REMOVABLE SEAL-A-MATIC CHECK VALVE, 1" FEMALE THREADED INLET.	16	40	6.6	49'
⊙	RAIN BIRD 6504-PC, FC TURF ROTOR, 4.0" POP-UP, PLASTIC RISER, ADJUSTABLE AND FULL CIRCLE, WITH REMOVABLE SEAL-A-MATIC CHECK VALVE, 1" FEMALE THREADED INLET.	4	40	11.3	55'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY			
⊙	RAIN BIRD PEB-PRS-D 1", 1-1/2", 2" PLASTIC INDUSTRIAL VALVES, LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION, WITH PRESSURE REGULATOR MODULE.	7			
⊙	RAIN BIRD 5-LRC 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 1-PIECE BODY.	2			
⊙	BUCKNER-SUPERIOR AV 3/4", 1/4", 1-1/2", AND 2" RED BRASS ANGLE SHUT OFF VALVES WITH CROSS HANDLE.	2			
⊙	RAIN BIRD EFB-CP 1-1/2" 1", 1-1/4", 1-1/2", 2" BRASS MASTER VALVE, THAT IS CONTAMINATION PROOF W/SELF-FLUSHING FILTER SCREEN, GLOBE CONFIGURATION, RECLAIMED WATER COMPATIBLE, AND PURPLE HANDLE COVER DESIGNATES NON-POTABLE WATER USE.	1			
⊙	BACKFLOW PREVENTER 1-1/2" BACKFLOW DEVICE SHALL BE LOCAL AUTHORITY STANDARD, VERIFY SIZE AND TYPE	1			
⊙	RAIN BIRD ESP-LXD W/ (i) ESPLXD-SM75 125 STATION, 2-WIRE DECODER CONTROLLER. (i) ESP-LXD 50-STATION, INDOOR/OUTDOOR, PLASTIC WALL-MOUNT ENCLOSURE W/ (i) ESPLXD-SM75, 75-STATION EXPANSION MODULE. SYSTEM REQUIREMENTS: RAIN BIRD FD-XXX-TURF FIELD DECODERS, PAIGE ELECTRIC CABLE P7072D & RAIN BIRD WC20 DRY SPLICES ONLY, GROUND SYSTEM W/ (X) LSP-TURF LINE SURGE PROTECTORS IN RAIN BIRD ROUND VALVE BOXES. INSTALL PER MANUFACTURERS RECOMMENDATIONS.	1			
⊙	WATER METER 1-1/2" WATER METER SIZE AND LOCATION TO BE VERIFIED	1			
---	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21	1,108 L.F.			
---	IRRIGATION MAINLINE: PVC SCHEDULE 40	458.7 L.F.			

CRITICAL ANALYSIS	
Generated:	2022-08-17 10:45
P.O.C. NUMBER: 01	
Water Source Information:	Water Meter size and location to be verified
FLOW AVAILABLE	
Water Meter Size:	1-1/2"
Flow Available:	75 GPM
PRESSURE AVAILABLE	
Static Pressure at POC:	90.00 PSI
Elevation Change:	5.00 ft
Service Line Size:	3"
Length of Service Line:	20 ft
Pressure Available:	88.00 psi
DESIGN ANALYSIS	
Maximum Multi-valve Flow:	75 GPM
Flow Available at POC:	75 GPM
Residual Flow Available:	0 GPM
Pressure Req. at Critical Station:	56.17 PSI
Loss for Fittings:	0.11 PSI
Loss for Main Line:	0 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	12.25 PSI
Loss for Master Valve:	6.78 PSI
Loss for Water Meter:	11.3 PSI
Critical Station Pressure at POC:	87.72 PSI
Pressure Available:	88 PSI
Residual Pressure Available:	0.28 PSI

VALVE SCHEDULE								
NUMBER	MODEL	SIZE	TYPE	GPM	DESIGN PSI	PSI	PSI @ POC	PRECIP
1	RAIN BIRD PEB-PRS-D	1"	TURF ROTOR	19.8	50	55.04	86.43	0.58 in/h
2	RAIN BIRD PEB-PRS-D	1-1/2"	TURF ROTOR	27.4	50	56.1	87.36	0.75 in/h
3	RAIN BIRD PEB-PRS-D	1-1/2"	TURF ROTOR	25.2	50	55.65	86.77	0.35 in/h
4	RAIN BIRD PEB-PRS-D	1-1/2"	TURF ROTOR	27.4	50	55.0	86.44	0.73 in/h
5	RAIN BIRD PEB-PRS-D	1-1/2"	TURF ROTOR	26.4	50	56.17	87.72	0.68 in/h
6	RAIN BIRD PEB-PRS-D	1"	TURF ROTOR	19.8	50	55.26	86.9	0.57 in/h
7	RAIN BIRD PEB-PRS-D	1-1/2"	TURF ROTOR	25.2	50	55.59	87.36	0.38 in/h

BASEBALL/SOFTBALL FIELD IRRIGATION PLAN - TYPICAL



IRRIGATION NOTES

- IRRIGATION DRAWINGS ARE DIAGRAMMATIC IN GENERAL AND SUBJECT TO THE REQUIREMENTS OF THE PLANTING PLAN. THE IRRIGATION DRAWINGS INDICATE THE GENERAL LOCATION OF THE COMPONENT PARTS OF THE SYSTEM, BUT ARE NOT INTENDED TO SHOW ALL FITTINGS OR ALL DETAILS OF THE IRRIGATION WORK.
- ALL IRRIGATION WORK WILL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE CODES AND STANDARDS INCLUDING CITY CODES, ORDINANCES, AND REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, FEES, AND APPROVALS FROM GOVERNING AUTHORITIES.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH SITE CONTRACTOR THE INSTALLATION OF THE IRRIGATION WATER METER AND BACKFLOW PREVENTER AND CONNECTION TO NEW IRRIGATION SYSTEM.
- IF SITE HAS AN EXISTING IRRIGATION WATER METER AND BACKFLOW PREVENTER, CONTRACTOR TO VERIFY IT'S SUITABILITY. IF EXISTING WATER METER AND BACKFLOW PREVENTER IS NOT SUITABLE FOR NEW IRRIGATION SYSTEM, CONTRACTOR SHALL PROVIDE/COORDINATE PROPERLY SIZED NEW WATER METER AND BACKFLOW PREVENTER. WATER METER AND BACKFLOW PREVENTER TO ADHERE TO LOCAL AUTHORITY'S REQUIREMENTS AND GUIDELINES.
- TEST WATER PRESSURE DOWNSTREAM OF THE IRRIGATION WATER METER OR PUMP STATION DISCHARGE TO CONFIRM AVAILABILITY OF PROPER OPERATING PRESSURE. NOTIFY LANDSCAPE ARCHITECT IF AVAILABLE PRESSURE IS INSUFFICIENT OR EXCESSIVE.
- PIPING FOR MAIN LINES SHALL BE PVC SCHEDULE 40 AND ALL LATERAL LINES SHALL BE PVC CLASS 200. FITTINGS WILL BE PVC FOR CORRESPONDING SERVICE. PIPE DEPTH WILL BE A MINIMUM OF 12 IN. TO 18 IN. FOR ALL MAIN AND LATERAL LINES. PIPE DEPTH MAY VARY DEPENDING ON LOCAL FROST DEPTH AND/OR REQUIREMENTS OF LOCAL GOVERNING AUTHORITIES AT SITE'S LOCATION.
- ACCEPTABLE MANUFACTURER FOR IRRIGATION PRODUCTS IS SPECIFIED IN THE IRRIGATION SCHEDULE UNLESS OTHERWISE INDICATED. ALTERNATE IRRIGATION MANUFACTURER'S EQUIPMENT MAY BE SUBSTITUTED WITH APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO BID. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING HEAD LAYOUT AND LOCATIONS, VALVE LOCATIONS, PERFORMANCE DATA, ETC. SHOULD ALTERNATE MANUFACTURER BE USED.
- INSTALL ALL IRRIGATION COMPONENTS AS PER MANUFACTURER'S RECOMMENDATIONS OR INSTRUCTIONS.
- REMOTE CONTROL VALVES AND OTHER UNDERGROUND DEVICES WILL BE INSTALLED IN PLASTIC BOXES WITH PLASTIC COVERS OF THE SIZE REQUIRED TO ENSURE ADJUSTMENT OF THE DEVICE. GROUP DEVICES IN SINGLE BOXES WHERE POSSIBLE.
- IRRIGATION HEADS TO BE LOCATED A MINIMUM OF 4 IN. OFF SIDEWALKS/CURBS AND 6 IN. FROM BUILDINGS OR WALLS.
- ADJUST IRRIGATION AS NECESSARY TO AVOID EXISTING UTILITIES, LIGHT POLES, BUILDINGS, AND/OR OTHER UNFORESEEN OBSTRUCTIONS.
- IRRIGATION CONTROLLER LOCATION SHOWN ON DRAWINGS IS APPROXIMATE AND ONLY A PLACEHOLDER. LANDSCAPE CONTRACTOR TO VERIFY EXACT LOCATION OF IRRIGATION CONTROLLER WITH OWNER PRIOR TO CONSTRUCTION. CONTRACTOR TO PROVIDE CONTROLLER WITH APPROPRIATE ENCLOSURE FOR SPECIFIC LOCATION WHETHER INTERIOR, EXTERIOR, WALL MOUNT, OR PEDESTAL ENCLOSURE APPLICATION.
- CONTRACTOR SHALL INSTALL GROUNDING, SURGE, AND LIGHTNING PROTECTION AS PER IRRIGATION MANUFACTURER'S RECOMMENDATIONS.
- VALVES, CONTROLLERS, AND ALL IRRIGATION EQUIPMENT TO HAVE PROPER GROUNDING PROTECTION AS PER IRRIGATION MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR SHALL SUBMIT AS-BUILT DRAWINGS OF THE SYSTEM AT THE COMPLETION OF THE PROJECT.

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T 334.271.3200

ISSUE DATE: 10/25/2022

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SPIRIT PARK ATHLETIC FIELDS
SPANISH FORT, ALABAMA

LMOB220011

TYP. IRRIGATION PLAN, SCHEDULES, NOTES

11.00

DRAWING FILE: \\PROJECT_FOLDERS\2022\LMOB220011\03\Drawings - Specs\8 Primary\LMOB220011\IRRIGATION.dwg
PLOTTED: Oct 25, 2022 1:58:48pm