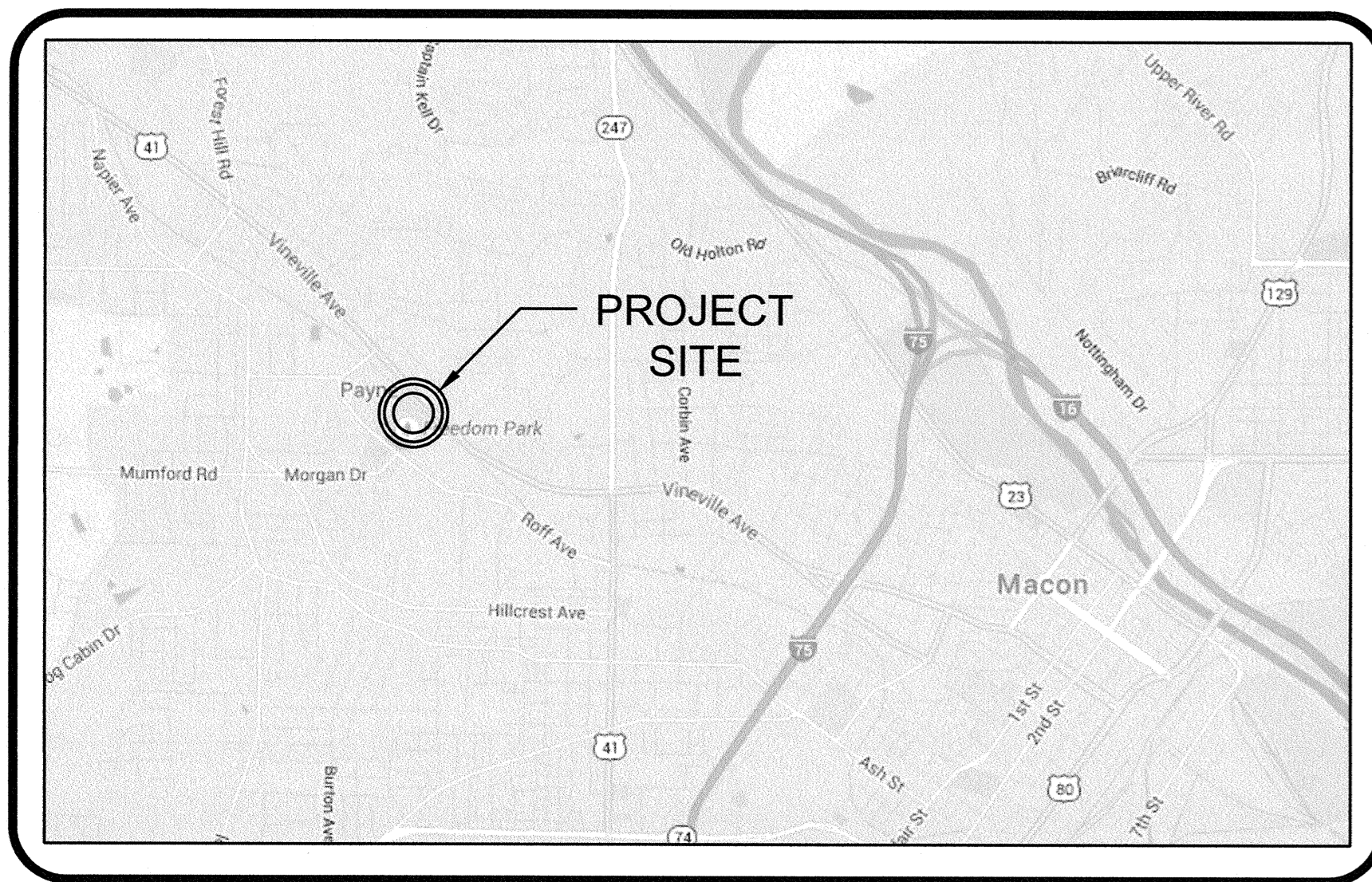


FREEDOM PARK BOYS BASEBALL FIELDS

MACON-BIBB COUNTY PARKS AND RECREATION DEPARTMENT

PHASE II
3301 ROFF AVENUE
MACON GA 31204

UTILITY CHART			
EXISTING	SIZE	MAT	LENGTH
FIRE	NA	NA	0
DOM	UNKOWN	UNKOWN	UNKOWN
SEWER	NA	NA	0
PROPOSED	SIZE	MAT	LENGTH
FIRE	8" DIP		923
DOM	1" COPPER		247
SEWER	8" PVC		1750



VICINITY MAP
NOT TO SCALE

OWNER:

MACON-BIBB COUNTY PARKS AND RECREATION DEPARTMENT
150 WILLIE SMOKE GLOVER DRIVE
MACON GA 31201
CONTACT: ROBERT WALKER, DIRECTOR
PHONE: 478-621-6280
FAX: 478-751-9290

24-HOUR CONTACT:

MACON-BIBB COUNTY PARKS AND RECREATION DEPARTMENT
CONTACT: ROBERT WALKER
PHONE: 478-621-6280
EMAIL: RWALKER@MACONBIB.US

AREA SUMMARY:

DISTURBED AREA: 9.22 ACRES

LEAD DESIGN PROFESSIONAL:

TRAVIS PRUITT AND ASSOCIATES INC.
4317 PARK DRIVE, SUITE 400
NORCROSS GA 30093
CONTACT: STEVE BENNETT
PHONE: 770-416-7511
FAX: 770-416-6759
EMAIL: SBENNETT@TRAVISPRUITT.COM

ARCHITECT:

SCHROEDER ARCHITECTS
3118 EAST SHADOWLAWN AVE, NE
ATLANTA GA 30305
CONTACT: DAVID E. SCHROEDER
PHONE: 770-309-0097

CIVIL ENGINEER:

TRAVIS PRUITT & ASSOCIATES, INC.
4317 PARK DR, SUITE 400
NORCROSS, GA 30093
CONTACT: STEVE J BENNETT, PE
PHONE: 770-416-7511
FAX: 770-416-6759

ELECTRICAL ENGINEER

WOMACK AND ASSOCIATES
2300 LAKE PARK DRIVE, SUITE 250
SMYRNA GA 30080
CONTACT: BILL WOMACK
PHONE: 770-458-3005
FAX: 770-458-8388

GEOTECHNICAL ENGINEER:

GEC GEOTECHNICAL & ENVIRONMENTAL
CONSULTANTS, INC.
514 HILLCREST INDUSTRIAL BLVD.
MACON GA 31204
CONTACT: TOM DRIVER
PHONE: 478-757-1608
FAX: 478-757-1608

IRRIGATION DESIGN:

IRRIGATION CONSULTANT SERVICES, INC
2231 WEATHERFORD CIRCLE
CONYERS, GA 30094
CONTACT: CAREY JUNE
PHONE: 770-929-9648

SHEET INDEX		
SHEET TITLE	SHEET INDEX	SHEET NUMBER
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SITE DEMOLITION PLAN	C02.01	003
SITE PLAN	C03.01	004
STAKING PLAN - WEST	C03.02	005
STAKING PLAN - EAST	C03.03	006
BALLFIELD LAYOUT	C03.04	007
GRADING PLAN	C04.01	008
GRADING PLAN - WEST	C04.02	009
GRADING PLAN - EAST	C04.03	010
CONSESSION AREA DETAILED GRADING	C04.04	011
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PHASE 1 - NE	C06.03	020
PHASE 1 - SW	C06.04	021
PHASE 1 - SWS	C06.05	022
EROSION CONTROL - PHASE 2	C07.01	023
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PHASE 2 - NE	C07.03	025
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PHASE 3 - NE	C08.03	030
PHASE 3 - SW	C08.04	031
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DETAILS	C12.02	042
DETAILS	C12.03	043
DETAILS	C12.04	044
DETAILS	C12.05	045
DETAILS	C12.06	046
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DETAILS	C12.10	050
DETAILS	C12.11	051
DETAILS	C12.12	052

ARCHITECTURAL SET - CONCESSIONS BUILDING		
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A-2.1	A-2.1	054
A-3.1	A-3.1	055
A-4.1	A-4.1	056
A-50	A-50	057
A-51	A-51	058
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ELECTRICAL		
LEGEND, RISER AND DETAILS	E-1	064
ELECTRICAL PLAN	E-2	065

Project Narrative.

The work described herein is limited to the area within the limits of construction (refer to sheets C02.01 & C04.01).

1) Item 1

1.1) Narrative

1.1a The following will be demolished (buildings are labeled D01 through D15 on sheet C02.01):

- (01) D01 - Ex. Dugout
- (02) D02 - Covered Bleachers
- (03) D03 - Pressbox
- (04) D04 - Covered Bleachers
- (05) D05 - Covered Bleachers
- (06) D06 - Covered Bleachers
- (07) D07 - Concessions
- (08) D08 - Covered Bleachers
- (09) D09 - Restrooms
- (10) D10 - Concessions
- (11) D11 - Maintenance Shed
- (12) D12 - Covered Bleachers
- (13) D13 - Pressbox
- (14) D14 - Covered Bleachers
- (15) D15 - Covered Picnic
- (16) 4 Ballfields
- (17) 2 batting cages
- (18) 3 scoreboards
- (19) 6 dugouts
- (20) 1 uncovered bleachers
- (21) 60 trees
- (22) 1 parking lot
- (23) Approximately 2500 linear feet of fence
- (24) Underground power supply lines

1.1b The following will be constructed:

- (01) 4 baseball fields
- (02) Parking lot
- (03) Batting cages
- (04) Concession building
- (05) Sidewalk
- (06) Maintenance Building
- (07) Site lighting
- (08) Fire protection line
- (09) Domestic water service lines
- (10) Storm drainage pipes
- (11) Sanitary sewer service line to concession building

1.2) New concession building will be connected to existing water and sewer service lines:

1.2a Sanitary sewer service will be provided by installation of new sewer line consisting of 1750 linear feet of 8" PVC sewer line, and 8 new manholes. The new sewer line will connect to the new concession building and will run west and connect to an existing sanitary sewer line as shown on sheet C05.01.

1.2b Domestic water service will be provided by installation of new 250 linear foot 1-inch diameter copper line that will connect to existing water service that is currently serving the existing concession building (D10) as shown on sheet C05.01.

1.3 Building Capacity: Proposed building capacity will remain the same as the existing building as it will serve exactly the same number of ballfields.

1.4 Greasetraps: Existing building greasetraps size is unknown. Proposed building will have 100 lb. Grease Trap.

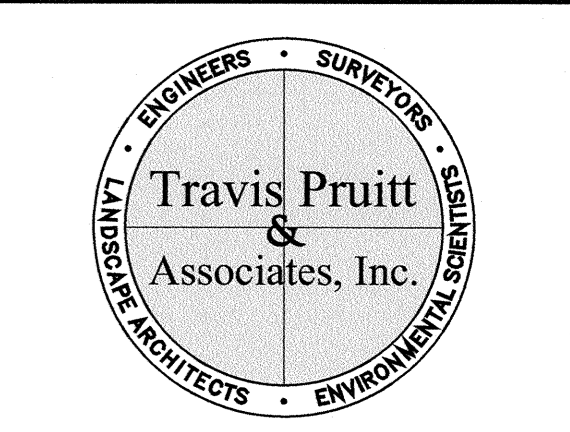
1.5 Fire Protection: Fire protection for the proposed concession building will be provided by the installation of a new 8-inch fire protection line. This line will connect to an existing 8" water main located in the Payne Mill Subdivision just west of Gardner Street. There will be a new fire hydrant at the termination of the proposed 8" fire line which will be

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SURVEY BY DONALDSON, GARRETT, AND ASSOCIATES INC.
4875 RIVERSIDE DRIVE, MACON GA 31210
(478) 474-5350 DATED 5/18/2015

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REVISIONS			
NO.	DATE	DESCRIPTION	BY
7			
6			
5			
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3			
2	07/03/18	ADDRESS REVIEW COMMENTS	SGF
1	12/01/17	PROGRESS SET	SGF



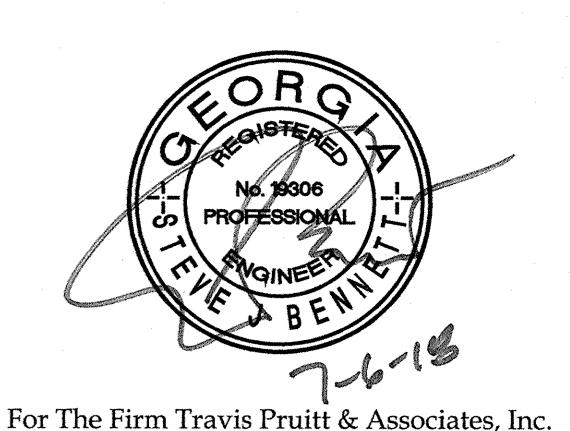
4317 Park Drive, Suite 400
Norcross, Georgia 30093
Phone: (770)416-7511 Fax:
(770)416-6759
www.travispruitt.com

Contact Person: STEVE J BENNETT, PE

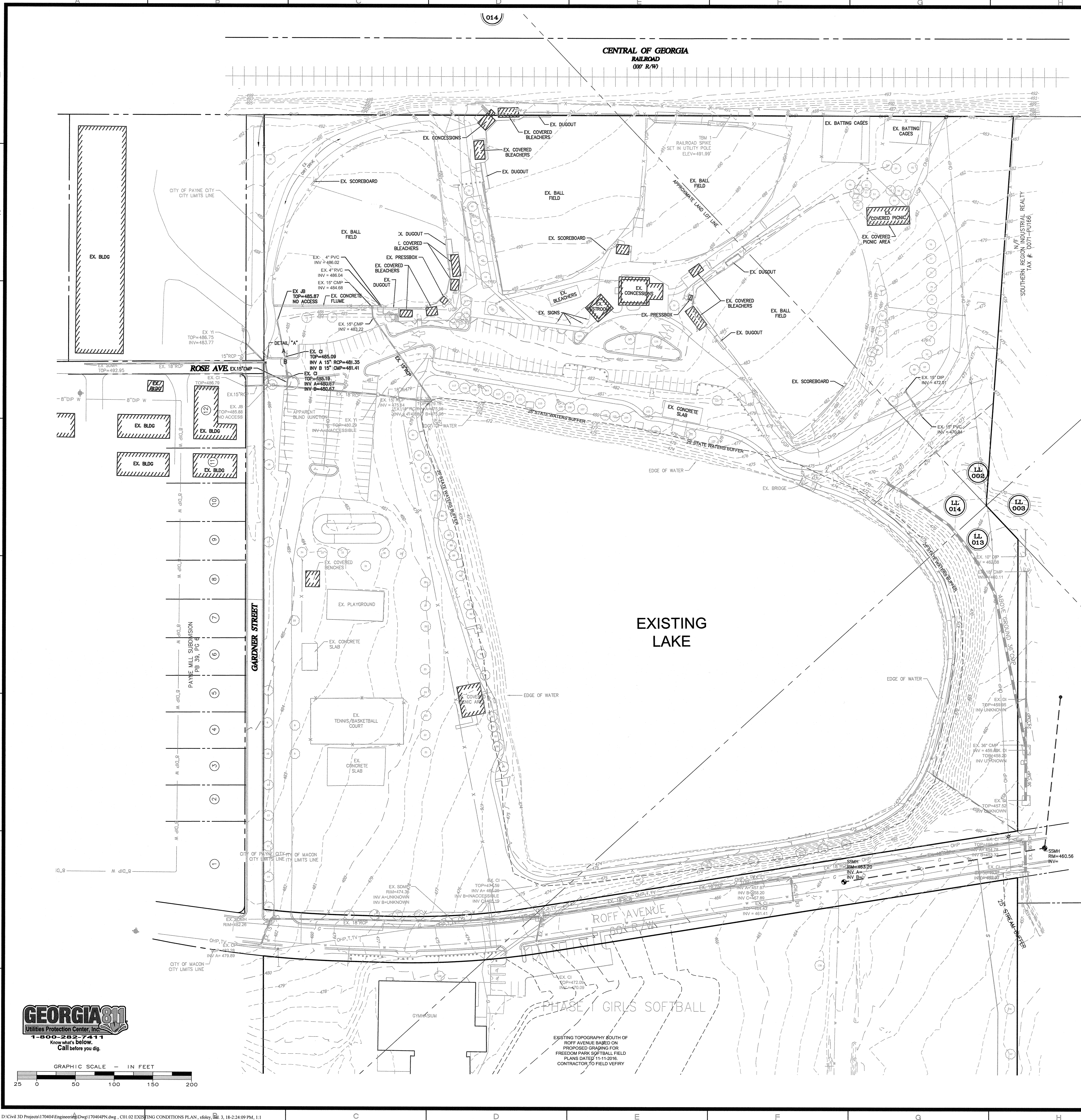
COVER SHEET

**FREEDOM PARK
BOYS BASEBALL FIELDS**

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT



DATE:	5/18/2018
SCALE:	NOT TO SCALE
EN:	170404PN.DWG
LSV:	1PUBLISH
JUN:	11-17-2018
FN:	212-E-197
INDEX NO.	C01.01
SHEET NO.	001



LEGEND

EX. POWER POLE	EXIST. POWER POLE W/PLY WIRE
EX. LIGHT STANDARD	EXIST. LIGHT STANDARD
EX. ELECTRIC BOX OR TRANSFORMER	EXIST. ELECTRIC BOX OR TRANSFORMER
EX. WATER METER	EXIST. WATER METER
EX. WATER VALVE	EXIST. WATER VALVE
EX. UNKNOWN UTILITY STRUCTURE	EXIST. UNKNOWN UTILITY STRUCTURE
EX. TELEPHONE MONUMENT	EXIST. TELEPHONE MONUMENT
EX. TELEPHONE BOX	EXIST. TELEPHONE BOX
EX. GAS VALVE	EXIST. GAS VALVE
EX. SANITARY SEWER MANHOLE	EXIST. SANITARY SEWER MANHOLE
EX. CLEAN OUT	EXIST. CLEAN OUT
EX. JUNCTION BOX/STORM SEWER MANHOLE	EXIST. JUNCTION BOX/STORM SEWER MANHOLE
EX. CATCH BASIN	EXIST. CATCH BASIN
EX. DRAIN INLET	EXIST. DRAIN INLET
EX. STORM SEWER LINE	EXIST. STORM SEWER LINE
EX. FLARED END SECTION	EXIST. FLARED END SECTION
EX. YARD INLET	EXIST. YARD INLET
EX. SANITARY SEWER LINE	EXIST. SANITARY SEWER LINE
EX. OVERHEAD POWER LINE	EXIST. OVERHEAD POWER LINE
EX. OVERHEAD TELEPHONE LINE	EXIST. OVERHEAD TELEPHONE LINE
APPROX. LOCATION UNDERGROUND POWER LINE	APPROX. LOCATION UNDERGROUND POWER LINE
APPROX. LOCATION UNDERGROUND TELEPHONE LINE	APPROX. LOCATION UNDERGROUND TELEPHONE LINE
APPROX. LOCATION UNDERGROUND GAS LINE	APPROX. LOCATION UNDERGROUND GAS LINE
APPROX. LOCATION UNDERGROUND WATER LINE	APPROX. LOCATION UNDERGROUND WATER LINE
APPROX. LOCATION CHILLED WATER LINE	APPROX. LOCATION CHILLED WATER LINE
APPROX. LOCATION STEAM WATER LINE	APPROX. LOCATION STEAM WATER LINE
EX. FENCE LINE (AS NOTED)	EXIST. FENCE LINE (AS NOTED)
EX. SIGN (AS NOTED)	EXIST. SIGN (AS NOTED)
EX. TREE (AS NOTED)	EXIST. TREE (AS NOTED)
TEMPORARY BENCHMARK (TBM)	TEMPORARY BENCHMARK (TBM)
CONCRETE MONUMENT FOUND	CONCRETE MONUMENT FOUND
PROPERTY CORNER	PROPERTY CORNER
FIELD LOCATED PIN (AS NOTED)	FIELD LOCATED PIN (AS NOTED)
EX. SPOT ELEVATION	EXIST. SPOT ELEVATION
EX. CONTOUR ELEVATION	EXIST. CONTOUR ELEVATION
IRON PIN SET (1/2" REBAR)	IRON PIN SET (1/2" REBAR)
P.S.	POINT OF BEGINNING
R/W	RIGHT-OF-WAY
N/F	NOT OF FORMERLY
B.S.L.	BUILDING SETBACK LINE
D.S.	DEED BOOK
P.S.	PAGE
T.C.	TOP OF CURB
B.C.	BOTTOM OF CURB
RCP	REINFORCED CONCRETE PIPE
CMP	CORRUGATED METAL PIPE
PVC	POLYVINYL CHLORIDE PIPE
DIP	DUCTILE IRON PIPE
HDPE	HIGH DENSITY POLYETHYLENE
INVERT	INVERT
THRT.	THROAT
CONC.	CONCRETE
C&G	CURB & GUTTER
S	NEW SANITARY SEWER LINE
CHW	NEW CHILLED WATER LINE
SW	NEW STEAM WATER LINE
F	NEW FIRE LINE
W	NEW WATER LINE
G	NEW GAS LINE
SS	NEW STORM SEWER
GV	NEW GATE VALVE
FW	NEW FIRE WYHOSE
DI	NEW DRAIN INLET
HW	NEW HEADWALL
NCB	NEW CATCH BASIN
MM	NEW MANHOLE
NC	NEW CLEANOUT
NP	NEW LIGHT POLE
SE	NEW SPOT ELEVATION: ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
SC	NEW CONTOUR
NS	NEW NUMBER OF PARKING SPACES
ST	STORM STRUCTURE IDENTIFICATION
SI	SANITARY STRUCTURE IDENTIFICATION
AS	NEW ASPHALT PAVEMENT
CS	NEW CONCRETE SIDEWALK
EP	EXISTING PAVEMENT/ C&G TO BE REMOVED
SR	STRUCTURES/ITEMS TO BE REMOVED
TA	TRAFFIC DIRECTION ARROWS (FOR INFORMATION ONLY)
HS	NEW HANDICAP SYMBOL

REVISIONS

NO.	DATE	DESCRIPTION	SGF	BY
7				
6				
5				
4				
3	07-03-18	ADDRESS REVIEW COMMENTS	SGF	
2	12/01/17	PROGRESS SET	SGF	
1				

Travis Pruitt & Associates, Inc.
 ENGINEERS • SURVEYORS • ENVIRONMENTAL SCIENTISTS • ARCHITECTS

4317 Park Drive, Suite 400
 Norcross, Georgia 30093
 Phone: (770)416-7511 Fax: (770)416-6759
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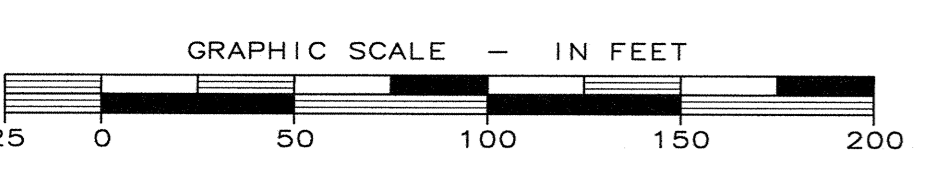
Contact Person: STEVE J BENNETT, PE

EXISTING CONDITIONS PLAN

FREEDOM PARK

BOYS BASEBALL FIELDS

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT



EXISTING TOPOGRAPHY SOUTH OF ROFF AVENUE BASED ON PROPOSED GRADING FOR FREEDOM PARK SOFTBALL FIELD PLANS DATED 11/11/2016. CONTRACTOR TO FIELD VERIFY.

NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

THESE ARE PRELIMINARY PLANS. THERE ARE FLOODLANDS ON THE SITE.

FLOOD HAZARD NOTE: PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DEFINED BY THE F.E.M.A. FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 13021003F, DATED 4/2/2017.

NOTE: ALL CURB RADI ARE 2' UNLESS OTHERWISE NOTED.

NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.

NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE UTILITIES PLACED WITHIN 18" OF ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.

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DATE: 5/18/2018
 SCALE: 1" = 50'
 DN: 170404PN.DWG
 LV: 001-EXCON
 JN: 1-17-0404
 FN: 212-E-197

INDEX NO. C01.02
 SHEET NO. 002

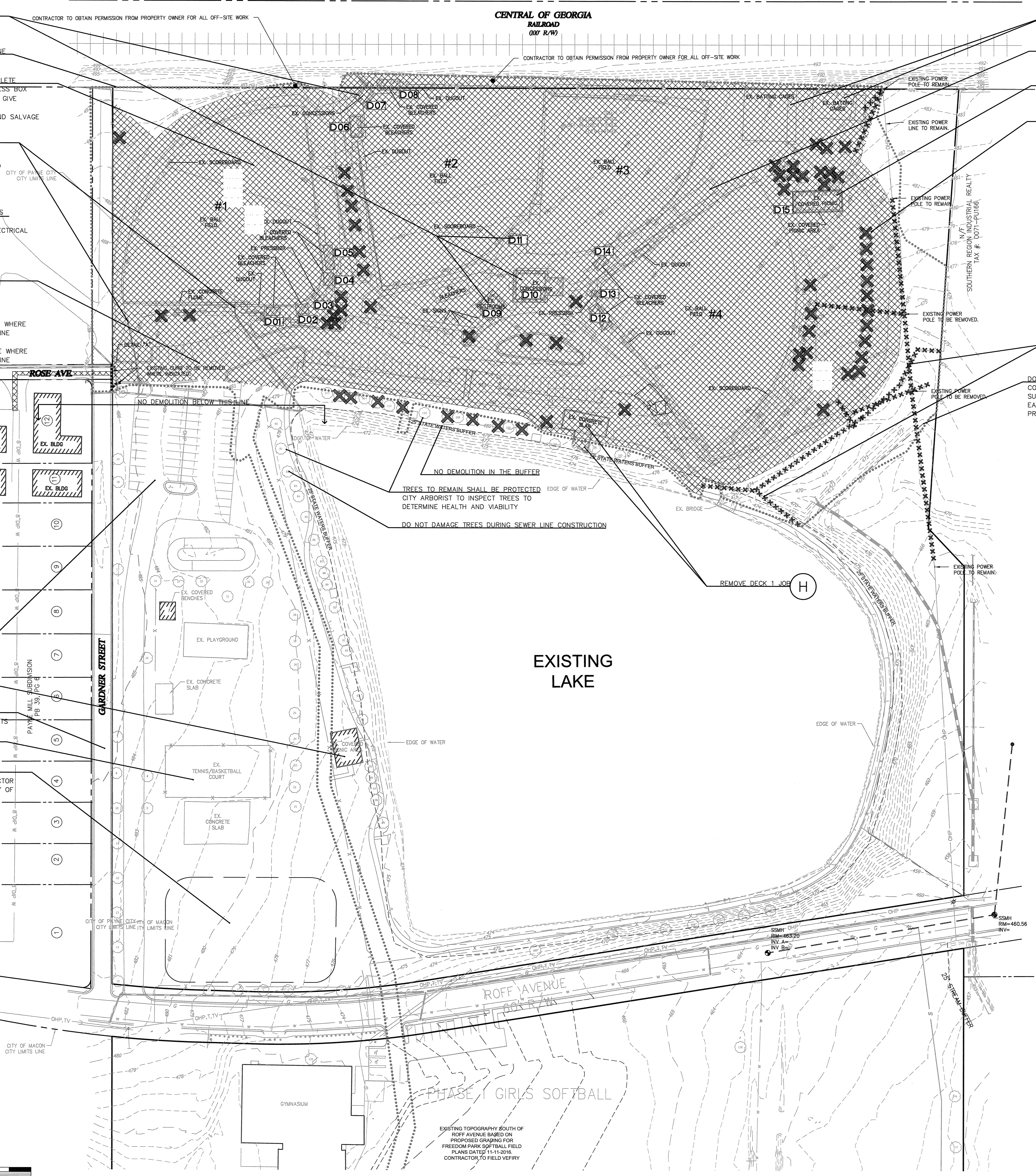
GEORGIA
 PROFESSIONAL ENGINEER
 1-6-18

For The Firm Travis Pruitt & Associates, Inc.

NOT RELEASED FOR CONSTRUCTION

2 DEMOLITION - SEE CONSTRUCTION ITEMS SHEET

- (A)** REMOVE CONCESSIONS BUILDING AND REST ROOMS 1-JOB
- (B)** REMOVE FENCE ON RAILROAD LINE 1000 LF
- (C)** REMOVE FIELDS 1, 2, 3, 4 COMPLETE FENCES, BACKSOP, DUGOUT, PRESS BOX (1) SALVAGE BLEACHERS AND GIVE TO CITY (2) REMOVE SCOREBOARDS AND SALVAGE FOR REUSE, 4 EA.
- (D)** STORM DRAINAGE REMOVE STORE DRAIN SYSTEM AS NEEDED. SEE GRADING AND DRAINAGE PLAN FOR SECTION TO RETAIN. 1 JOB
- (E)** REMOVE FIELD LIGHTS AND POLES ON 4 FIELDS. (1) REMOVE ALL ABOVE SITE ELECTRICAL (2) CUT OFF AND ABANDON UNDERGROUND WIRES. (3) SALVAGE POLES FOR CITY
- (F)** REMOVE ASPHALT PAVING AND CURB 1 JOB (1) REMOVE CHAINLINK FENCE ALONG LAKE WHERE NEEDED FOR SEWER LINE (2) CUT PAVEMENT OF ROFF AVE WHERE NEEDED TO INSTALL SEWER LINE 30 FT (3) CUT PAVEMENT ON ROSE AVE WHERE NEEDED TO INSTALL WATER LINE



- (G)** REMOVE BATTING CAGES 2 SETS 1 JOB-COMLETE
- (I)** REMOVE SIDEWALKS AND CONCRETE PAVING 1 JOB
- (J)** REMOVE PICNIC SHELTER 1 JOB
- (K)** REMOVE TREES 56 EA (1) REMOVE ALL SHRUBS AND OTHER LANDSCAPE VEGETATION (2) PROTECT TREES TO REMAIN 1 JOB
- (L)** REMOVE SITE DEBRIS REMOVE ALL SITE OBJECTS AND ELEMENTS THAT INTERFERE WITH CONSTRUCTION FROM THE SITE 1 JOB
- (M)** REMOVE EXISTING UTILITIES AS NEEDED REMOVE UTILITIES BACK TO SERVICE METERS AND CAP 1 JOB
- (N)** CLEARING AND GRUBBING REMOVE ALL OTHER VEGETATION AND TREES WITHIN GRADING LIMITS 1 JOB
- (O)** REMOVE CHAIN LINK FENCE 650 LF
- (P)** DO NOT CROSS EASEMENT LINE CONTRACTOR SHALL FIELD SURVEY THE LOCATION OF THE EASEMENT LINE AND MARK IT WITH PROTECTIVE FENCING
- (H)** REMOVE DECK 1 JOB

LEGEND

EX	EXIST. POWER POLE
EX LP	EXIST. LIGHT STANDARD
EX	EXIST. ELECTRIC BOX OR TRANSFORMER
EX	EXIST. WATER METER
EX	EXIST. WATER VALVE
EX	EXIST. UNKNOWN UTILITY STRUCTURE
EX	EXIST. TELEPHONE MONUMENT
EX	EXIST. TELEPHONE BOX
EX	EXIST. GAS METER
EX	EXIST. GAS VALVE
EX	EXIST. SANITARY SEWER MANHOLE
EX	EXIST. CLEAN OUT
EX	EXIST. SANITARY BOX/STORM SEWER MANHOLE
EX	EXIST. CATCH BASIN
EX	EXIST. DROP INLET
EX	EXIST. STORM SEWER LINE
EX	EXIST. FLARED END SECTION
EX	EXIST. WIRE INLET
EX	EXIST. SANITARY SEWER LINE
EX	EXIST. OVERHEAD POWER LINE
EX	EXIST. OVERHEAD TELEPHONE LINE
EX	APPROX. LOCATION UNDERGROUND POWER LINE
EX	APPROX. LOCATION UNDERGROUND TELEPHONE LINE
EX	APPROX. LOCATION UNDERGROUND GAS LINE
EX	APPROX. LOCATION UNDERGROUND WATER LINE
EX	APPROX. LOCATION CHILLED WATER LINE
EX	APPROX. LOCATION STEAM WATER LINE
EX	EXIST. FENCE LINE (AS NOTED)
EX	EXIST. SIGN (AS NOTED)
EX	EXIST. TREE (AS NOTED)
EX	EXIST. CONTOUR ELEVATION (AS NOTED)
EX	TEMPORARY BENCHMARK (TBM)
EX	CONCRETE MONUMENT FOUND
EX	PROPERTY CORNER
EX	FIELD LOCATED PIN (AS NOTED)
EX	EXIST. SPOT ELEVATION
EX	EXIST. CONTOUR ELEVATION
EX	IRON PIN SET (1/2" REBAR)
EX	P.O.B. POINT OF BEGINNING
EX	RIGHT-OF-WAY
EX	N/O FORMERLY
EX	B.S. BUILDING SETBACK LINE
EX	D.B. DEED BOOK
EX	P.G. PAGE
EX	T.C. TOP OF CURB
EX	B.C. BOTTOM OF CURB
EX	R.C.P. REINFORCED CONCRETE PIPE
EX	C.M.P. CORRUGATED METAL PIPE
EX	P.V.C. POLYVINYL CHLORIDE PIPE
EX	D.I.P. DUCTILE IRON PIPE
EX	H.D.P.E. HIGH DENSITY POLYETHYLENE
EX	IN.V. INVERT
EX	TH.T. THROAT
EX	C.O.C. CONCRETE
EX	C&G CURB & GUTTER
EX	N.S. NEW SANITARY SEWER LINE
EX	N.C.W. NEW CHILLED WATER LINE
EX	N.S.W. NEW STEAM WATER LINE
EX	N.W. NEW WATER LINE
EX	N.G. NEW GAS LINE
EX	N.S.S. NEW STORM SEWER
EX	N.G.V. NEW GATE VALVE
EX	N.F.R. NEW FIRE HYDRANT
EX	N.D.I. NEW DROP INLET
EX	N.H. NEW HEADWALL
EX	N.C.B. NEW CATCH BASIN
EX	N.M. NEW MANHOLE
EX	N.C. NEW CLEANOUT
EX	N.L.P. NEW LIGHT POLE
EX	N.S.E. NEW SPOT ELEVATION. ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
EX	N.N. NEW NUMBER OF PARKING SPACES
EX	N.S.I. STORM STRUCTURE IDENTIFICATION
EX	N.S.S.I. SANITARY STRUCTURE IDENTIFICATION
EX	N.A.P. NEW ASPHALT PAVEMENT
EX	N.C.S. NEW CONCRETE SIDEWALK
EX	EX.P. EXISTING PAVEMENT/ C&G TO BE REMOVED
EX	EX.S. EXISTING STRUCTURES/ITEMS TO BE REMOVED
EX	T.D.A. TRAFFIC DIRECTION ARROWS (FOR INFORMATION ONLY)
EX	N.H.S. NEW HANDICAP SYMBOL

- NOTES**
- PARKING LOT AVAILABLE FOR CONSTRUCTION PARKING AND STAKING
 - PICNIC SHELTER AND LAKE TO BE LEFT OPEN FOR PUBLIC
 - GARDNER DRIVE MUST BE LEFT OPEN AND USABLE BY LOCAL RESIDENTS
 - BASKETBALL COURT MUST BE LEFT OPEN AND USABLE BY PUBLIC
 - CONTRACTOR MAY USE OPEN FIELD FOR STAGING AND STORAGE. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURITY OF THE STORAGE AREA IF USED

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 GRAPHIC SCALE - IN FEET
 0 25 50 100 150 200

REVISIONS

NO.	DATE	DESCRIPTION	SGF	BY
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6				
5				
4				
3				
2	07-03-18	ADDRESS REVIEW COMMENTS		
1	12/01/17	PROGRESS SET		

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 4317 Park Drive, Suite 400
 Norcross, Georgia 30093
 Phone: (770)416-7511 Fax: (770)416-6759
 www.travispruitt.com
 Contact Person: STEVE J BENNETT, PE

FREEDOM PARK BOYS BASEBALL FIELDS
 DEMOLITION PLAN
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

AREA OF TOTAL DEMOLITION
 ALL EXISTING STRUCTURES, PAVING, AND UTILITIES WITHIN THE HATCHED AREA ARE TO BE DEMOLISHED AND/OR REMOVED UNLESS OTHERWISE NOTED. ALL EXISTING STRUCTURES, PAVING, AND UTILITIES OUTSIDE OF HATCHING ARE INDIVIDUALLY NOTED TO BE REMOVED OR TO BE RETAINED.

- DEMOLITION NOTES:**
- CONTRACTOR SHALL CONDUCT DEMOLITION ACTIVITIES WITHOUT INTERFERING WITH VEHICLE AND PEDESTRIAN TRAFFIC IN ADJACENT AREAS.
 - CONTRACTOR SHALL PROTECT UTILITIES AND BENCHMARKS NOT SCHEDULED FOR DEMOLITION FROM DAMAGE. AT NO ADDITIONAL COST TO OWNER, THE CONTRACTOR SHALL REPLACE OR REPAIR ITEMS DAMAGED BEYOND THE LIMITS OF THE DEMOLITION SHOWN.
 - REMOVE EXISTING ABOVE-GRADE CONSTRUCTION, AS INDICATED TO BE REMOVED, TO THE LIMIT INDICATED.
 - DISCONNECT AND SEAL OFF ABANDONED UTILITIES TO BE REMOVED PRIOR TO THE START OF ANY DEMOLITION ACTIVITIES. UTILITIES SHALL BE DISCONNECTED BELOW EXISTING GRADE LEVEL, OR OUTSIDE OF CONTRACT LIMITS BY REPRESENTATIVES OF THE PUBLIC UTILITY BEING DISCONNECTED. MAINTAIN UTILITY SERVICE TO FACILITIES IN USE.
 - EXCEPT FOR ITEMS DESIGNATED TO BE REMOVED OR REUSED IN THE WORK, ALL MATERIALS RESULTING FROM THIS WORK SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND SHALL BE PROMPTLY REMOVED FROM THE SITE. STORAGE OR SALE OF REMOVED MATERIALS WILL NOT BE PERMITTED ON PROJECT SITE.
 - REMOVE ALL DEBRIS, RUBBISH, AND WASTE MATERIALS FROM THE SITE. DO NOT STOCKPILE DEBRIS ON SITE.
 - ALL MATERIALS SHALL BE DISPOSED OF IN A LEGAL MANNER.
 - CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY LOCAL MUNICIPALITY.
 - ALL LAND DISTURBANCE TO BE STABILIZED WITH VEGETATION UPON COMPLETION OF DEMOLITION.
 - ALL TREES TO REMAIN SHALL HAVE PROPER PROTECTION UNLESS APPROVED PLANS INDICATES OTHERWISE.
 - DUMPSTERS AND/OR TEMPORARY SANITARY FACILITIES SHALL NOT BE LOCATED IN STREET OR TREE PROTECTION AREA OR RIGHT-OF-WAY.
 - SAWTOOTH PAVEMENTS & CURB & WALL WHOLE TO PROVIDE SMOOTH TRANSITION BETWEEN IMPROVEMENTS TO REMAIN & NEW IMPROVEMENTS.
 - EXISTING CONDITIONS AND SITE DEMOLITION PLAN DOES NOT SHOW ALL TREES ON THE SUBJECT PROPERTY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TREES LOCATED WITHIN THE LIMITS OF DISTURBANCE THAT CONFLICT WITH PROPOSED SITE IMPROVEMENTS.

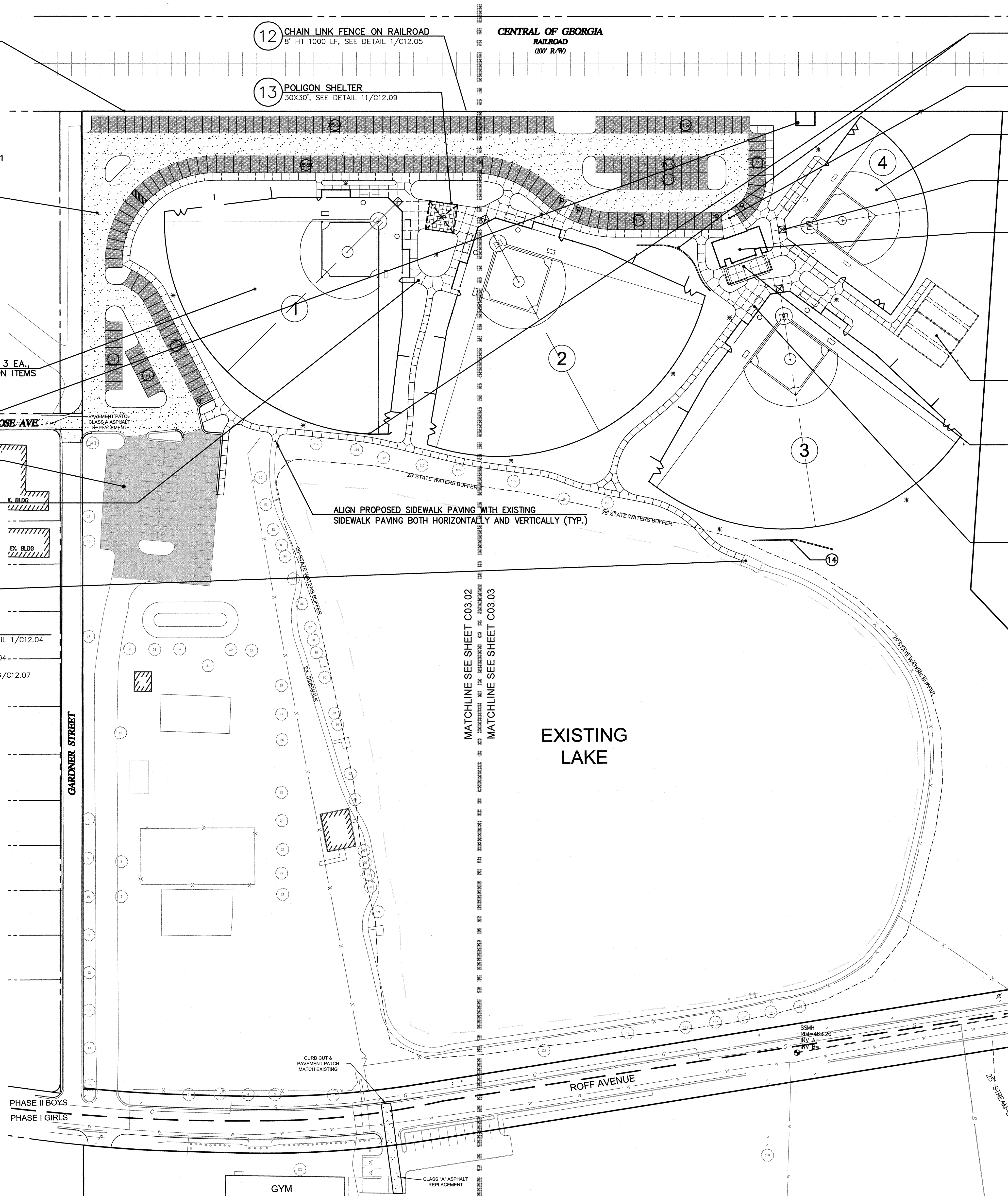
GEORGIA PROFESSIONAL SEAL
 For The Firm Travis Pruitt & Associates, Inc.
 DATE: 5/18/2018
 SCALE: 1" = 50'
 CN: 170404PN.dwg
 LSV: 002-DEMO
 FN: 1-17-0404
 JN: 212-E-197

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 SHEET No. 003

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- 2 DEMOLITION AND CLEARING 1 JOB
SEE SHEET C02.01
- 3 GRADING AND DRAINAGE
SEE CIVIL SHEET C04.01
- 4 EROSION CONTROL 1 JOB
SEE CIVIL SHEETS C06.01 AND C07.01
- 5 MAIN PARKING LOT
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2. CONC. STRAIGHT CURB, 690 LF, SEE DETAIL 1/C12.06
3. INTEGRAL CURB, 990 LF, SEE DETAIL 2/C12.06
4. STRIPING, HC SPACES 5 EA., STANDARD SPACES 238 EA., SEE DETAIL 1/C12.03
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6. HANDICAP SIGNS, 5 EA., SEE DETAILS 7/C12.06 & 9/C12.06
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3. SANITARY SEWER LINE 1,750 LF
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B. MANHOLES 9 EA.
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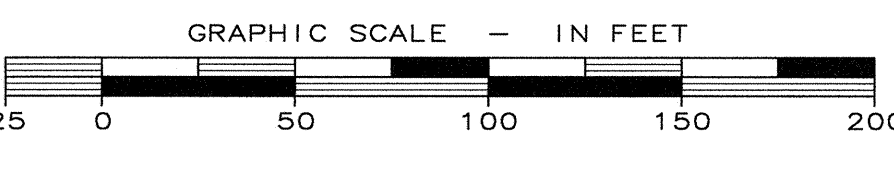
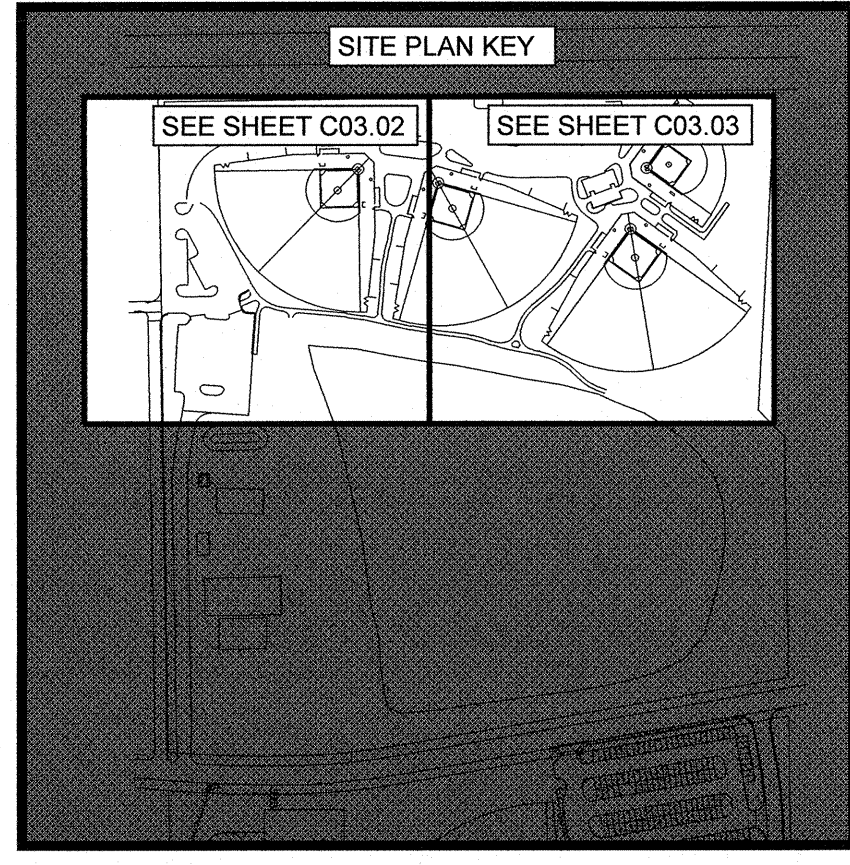
4317 Park Drive, Suite 400
Norcross, Georgia 30093
Phone: (770)416-7511 Fax: (770)416-6759
www.travispruitt.com
Contact Person: STEVE J BENNETT, PE

OVERALL SITE PLAN

FREEDOM PARK BOYS BASEBALL FIELDS

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

QUALITY NOTE: DISCLAIMER
ITEMS AND QUANTITIES ARE PROVIDED TO THE CONTRACTOR FOR CONVENIENCE IN QUOTING THE PROJECT. THE LANDSCAPE ARCHITECT/ENGINEER TAKE NO RESPONSIBILITY FOR THE ACCURACY OF THE QUANTITIES AND ITEMS. CONTRACTOR MUST TAKE HIS OWN QUANTITIES AND BID THE JOB TO BE CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS.



DATE: 5/18/2018
SCALE: 1" = 50'
CN: 170404PN.DWG
LSV: 003-SITE-50
JN: 1-17-0404
FN: 212-E-197

NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

NOTE: ALL PIPE LENGTHS ARE 2' UNLESS OTHERWISE NOTED.

NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.

NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.

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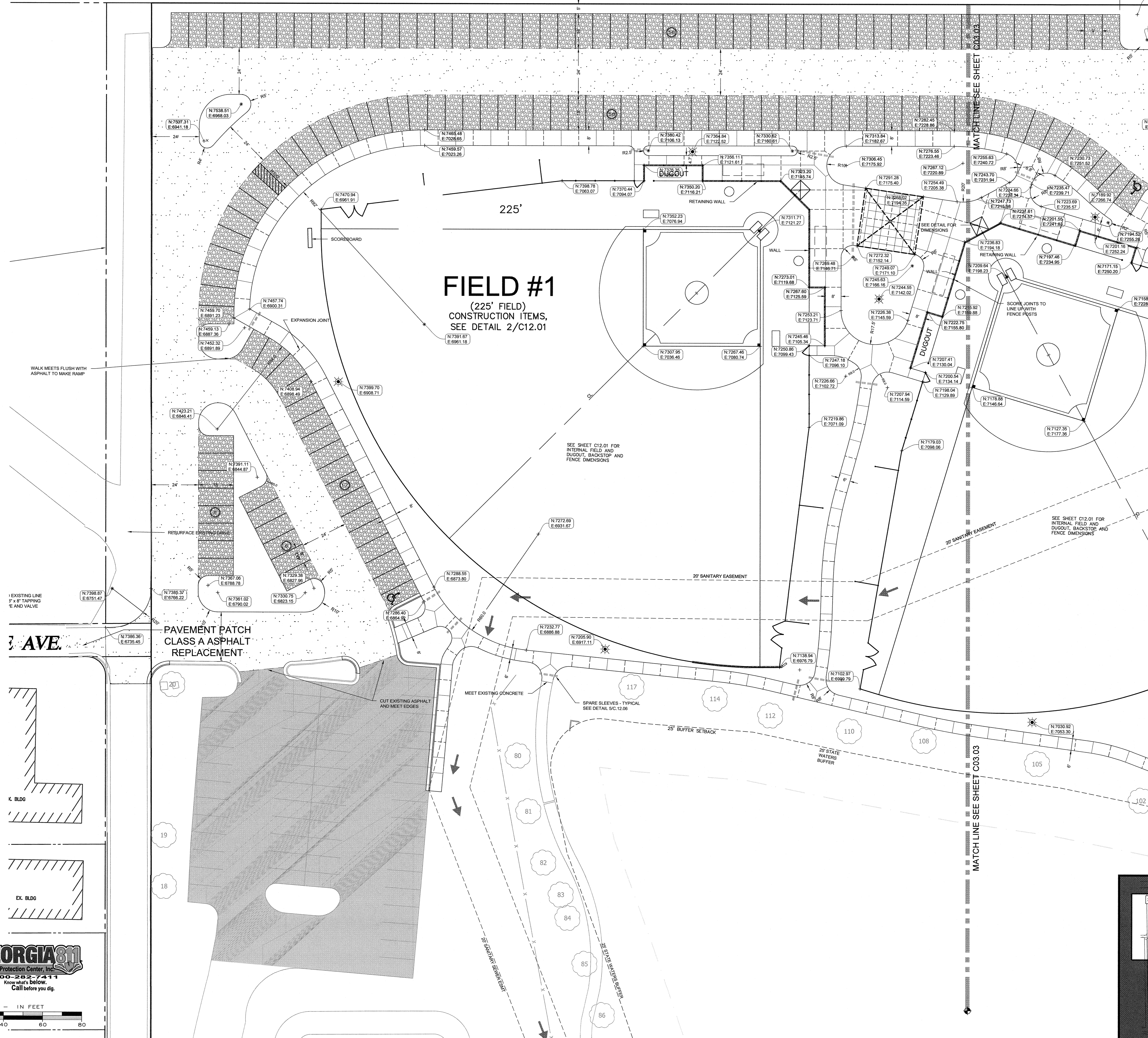
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For The Firm Travis Pruitt & Associates, Inc.

INDEX No.	C03.01
SHEET No.	004

NOTE: CONTRACTOR SHALL ESTABLISH EXACT LOCATION OF RAILROAD RIGHT OF WAY LINE PRIOR TO STAKING THE PROJECT

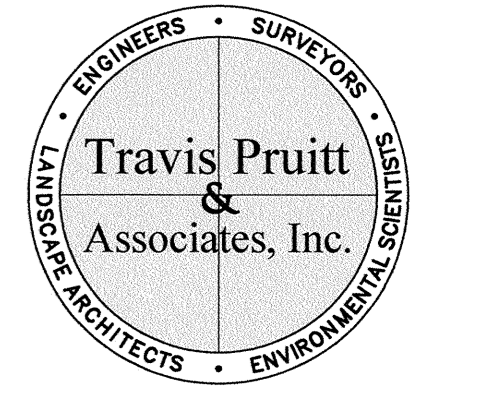
NOTE:
NORTHING AND EASTING COORDINATES HAVE BEEN TRUNCATED. ADD 1030000 TO NORTHINGS AND 2440000 TO EASTINGS TO GET TRUE VALUE (SEE EXAMPLE BELOW).
N 7047.03 E 6928.83 → N 1037047.03 E 24406928.83



AVE.
PAVEMENT PATCH CLASS A ASPHALT REPLACEMENT

FIELD #1
(225' FIELD)
CONSTRUCTION ITEMS,
SEE DETAIL 2/C12.01

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1	12/01/17	PROGRESS SET	SGF
			DESCRIPTION



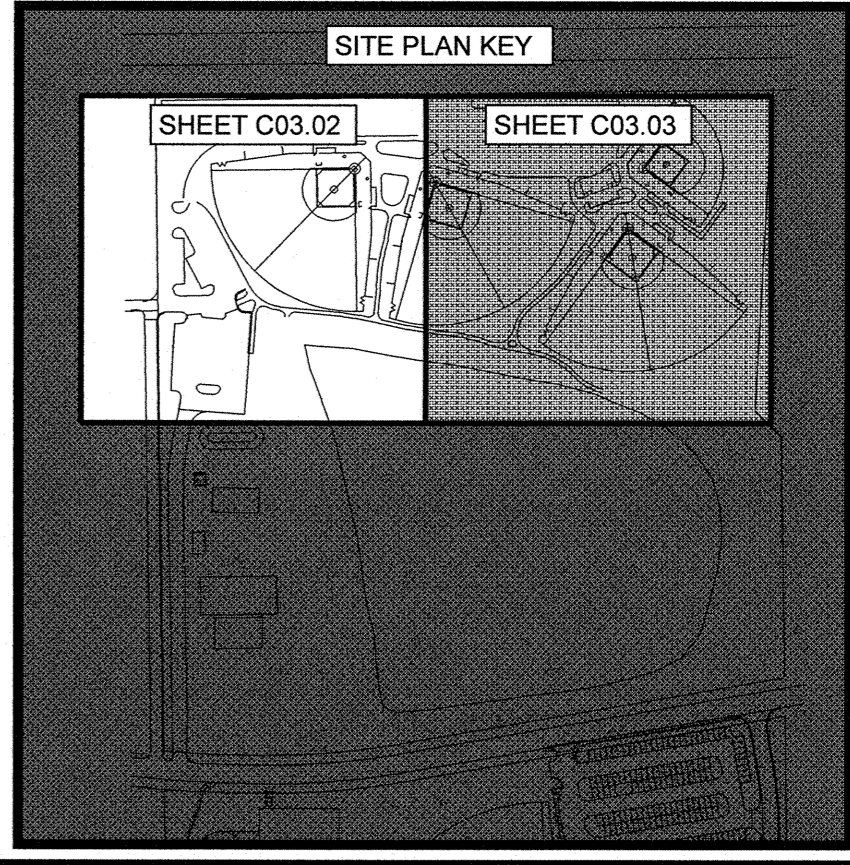
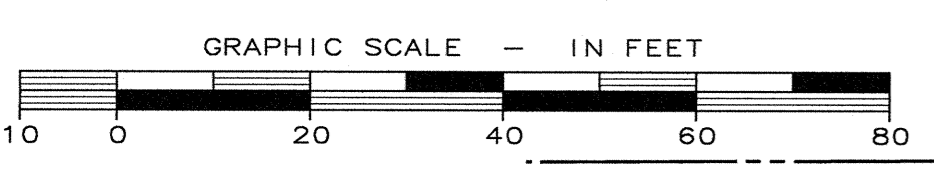
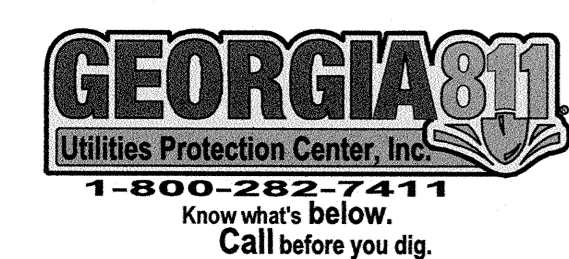
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www.travispruitt.com
Contact Person: STEVE J BENNETT, PE

STAKING PLAN - WEST

FREEDOM PARK

BOYS BASEBALL FIELDS

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT




For The Firm Travis Pruitt & Associates, Inc.	
DATE:	5/18/2018
SCALE:	1" = 20'
CN:	170404PN.dwg
LBV:	003-STAKING
JN:	1-17-0404
FN:	212-E-197
INDEX No.	C03.02
SHEET No.	005
SHEET No.	005

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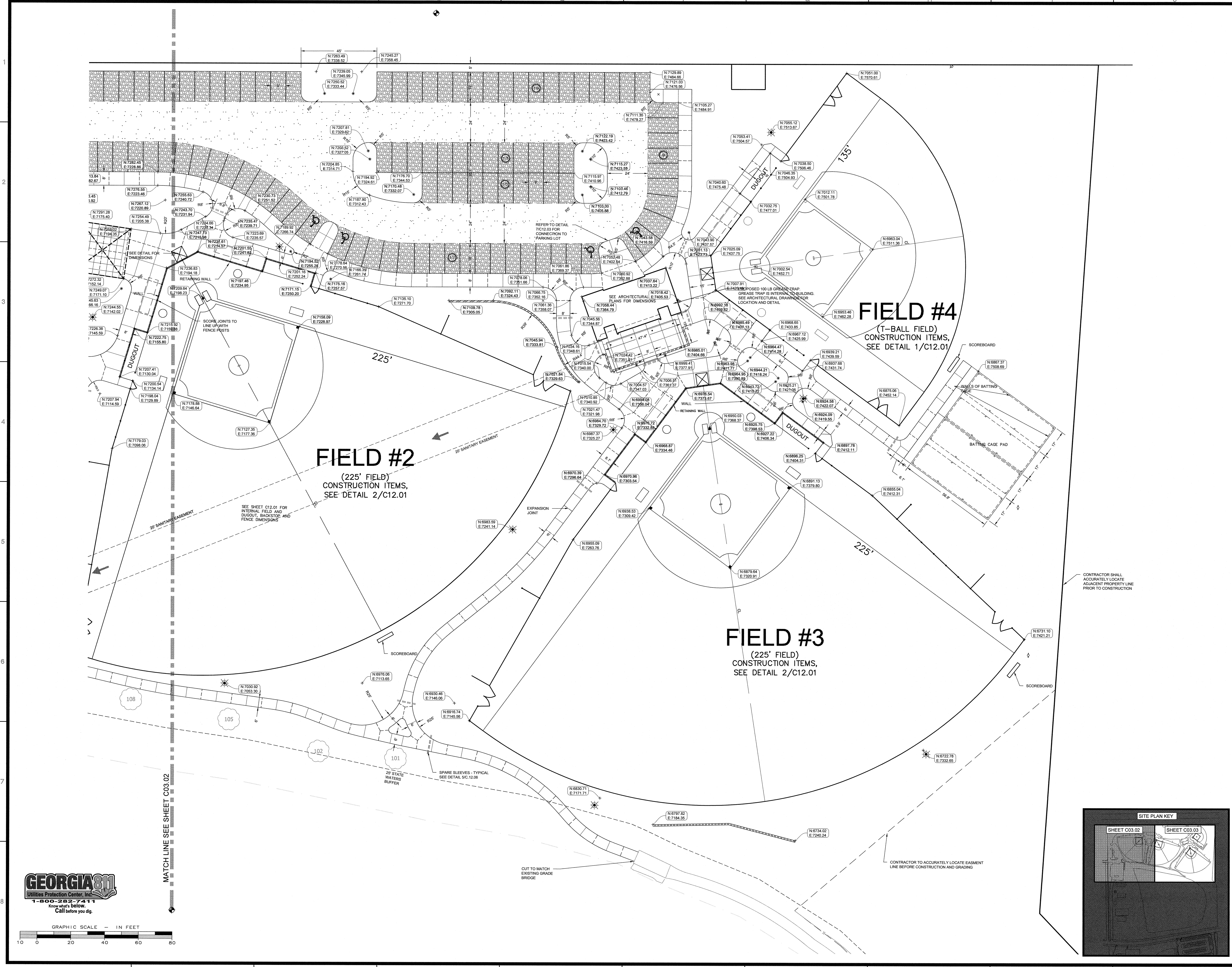
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 (770)416-6759
 www.travispruitt.com
 Contact Person: STEVE J BENNETT, PE


STAKING PLAN - EAST
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT


 For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	1" = 20'
DN:	170404PN.dwg
LSV:	003-STAKING
JN:	1-17-0404
FN:	212-E-197

INDEX
 No. C03.03
SHEET
 No. 006




GEORGIA 811
 Utilities Protection Center, Inc.
 1-800-282-7411
 Know what's below.
 Call before you dig.

GRAPHIC SCALE - IN FEET
 0 20 40 60 80

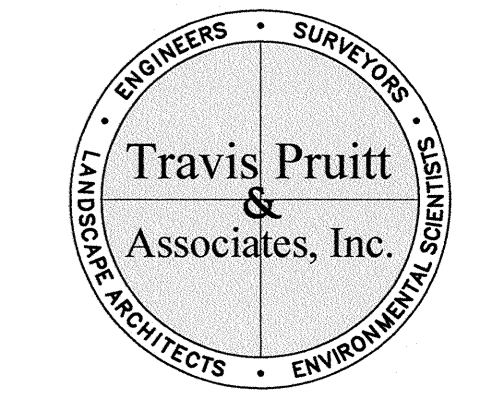
21 FIELD 1-5 (165'-225' FIELD) - TYP.

- A. BACKSTOP FENCE, BLACK VINYL, 20 HT. WITH CANTILEVER, 40'-9" LENGTH, 4 EA., SEE 4/BD.3 (SEE FENCING CHANGE, DETAIL 4/C1.2)
- B. BLEACHER FENCE, BLACK VINYL, 20' HT., 60 LF., 4 EA., SEE DETAIL 4/BD.3
- C. DUGOUT FENCE, BLACK VINYL, 20' HT., 60 LF., 4 EA., SEE DETAIL 4/BD.3
- D. DUGOUT, BLACK VINYL, 8 EA., SEE SHEET BD.4
- E. BAT RACK, 8 EA., SEE 5/BD.4
- F. DUGOUT BENCH, 21' LENGTH, 8 EA., SEE 7/BD.2, COLOR BY OWNER
- G. 5' GATE, BLACK VINYL, 10' HT., 8 EA., SEE DETAIL 5/BD.3
- H. BASELINE FENCE, BLACK VINYL, 10' HT., 74 LF., 4 EA., SEE DETAIL 1/BD.3
- I. BASELINE FENCE, BLACK VINYL, 6' HT., 171 LF., 4 EA., SEE DETAIL 1/BD.3
- J. 14' DBL. GATE (7&7), BLACK VINYL, 6' HT., 8 EA., SEE DETAIL 5/BD.3
- K. WARM-UP FENCE, BLACK VINYL, 6' HT., 12' LF., 17 EA., SEE DETAIL 1/BD.3
- L. FOUL POLES, 8 EA. SEE DETAIL 2/BD.2
- M. OUTFIELD FENCE, BLACK VINYL, 6' HT., 334 LF., 4 EA., SEE DETAIL 1/BD.3
- N. PREMIUM FENCE TOP GUARD, 334 LF., 4 EA., SEE DETAIL 9/BD.2
- O. INFIELD MIX, 11775 SF (HATCHED AREA), 4 EA., SEE DETAIL 1/BD.2, SEE SPECIFICATIONS
- P. BASES, 1 SET, 4 EA., SEE SHEET BD.1
- Q. LIME FIELD, 1 JOB, 4 EA., SEE DETAILS 1/BD.1, 3/BD.1, & 6/BD.1, SEE ALSO SPECIFICATIONS



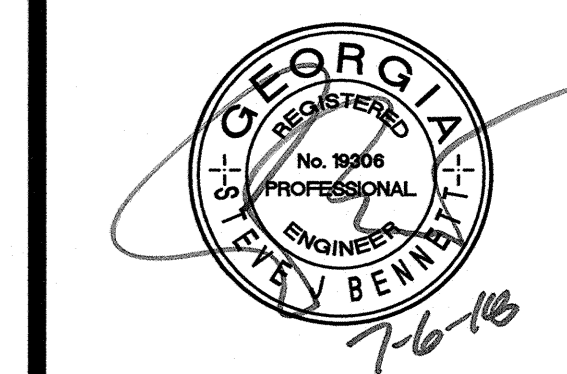
QUANTITY NOTE:
 QUANTITIES ARE PROVIDED AS A CONVENIENCE TO THE CONTRACTOR TO HELP CLARIFY THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BID ADEQUATE QUANTITIES TO COMPLETE THE PLANS AS SHOWN.

REVISIONS		NO.	DATE	DESCRIPTION	BY
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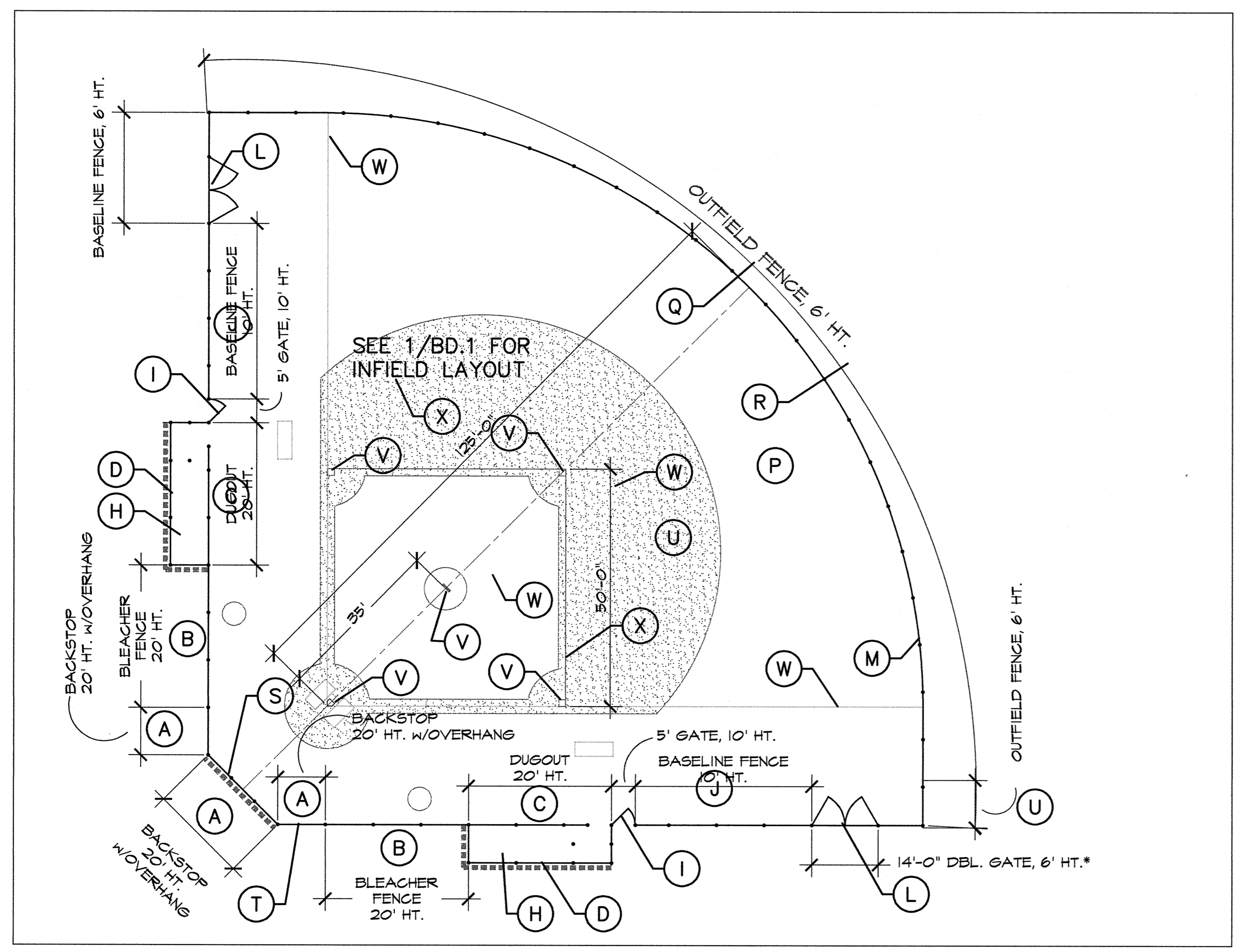
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BALLFIELD LAYOUT
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

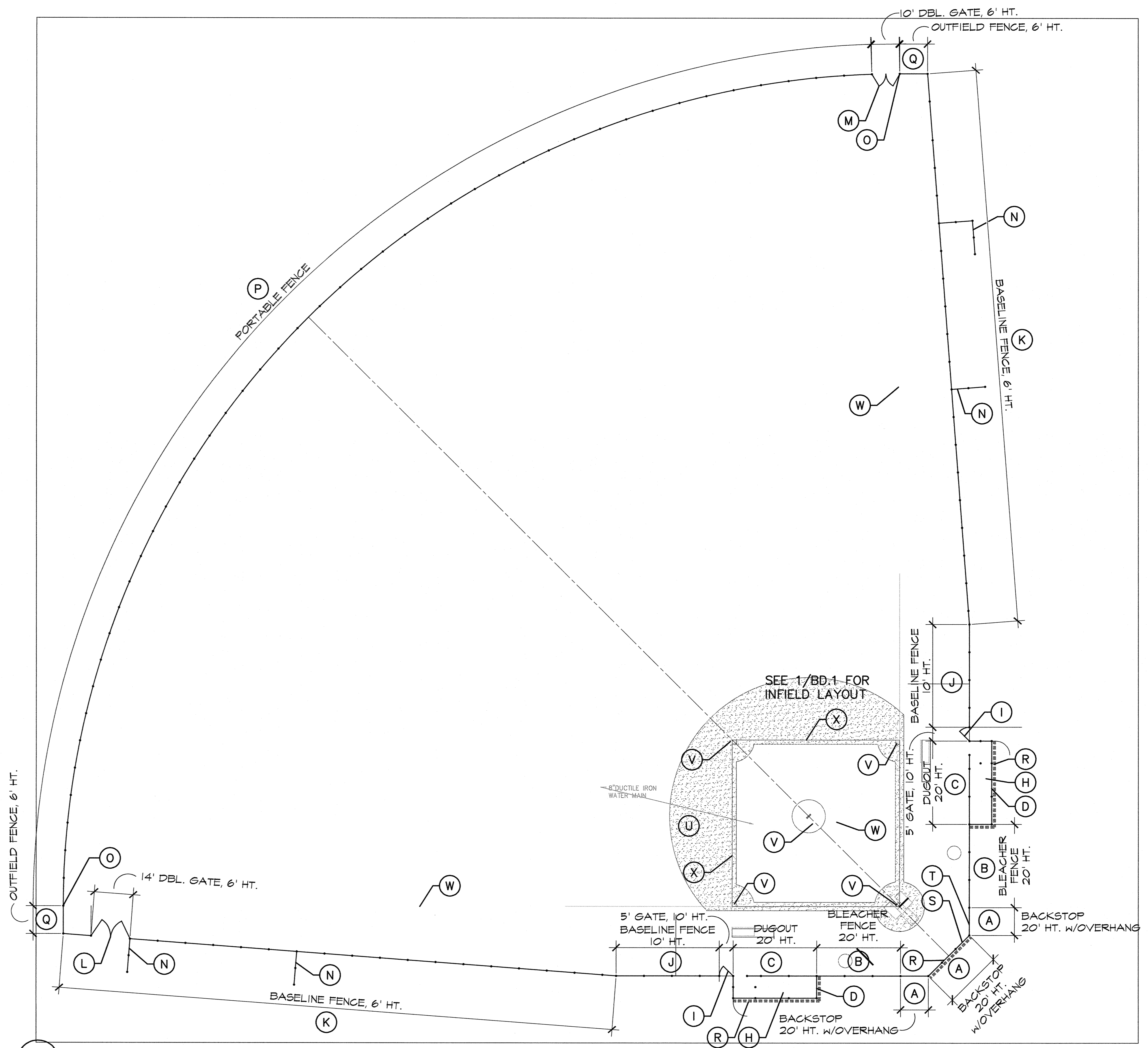


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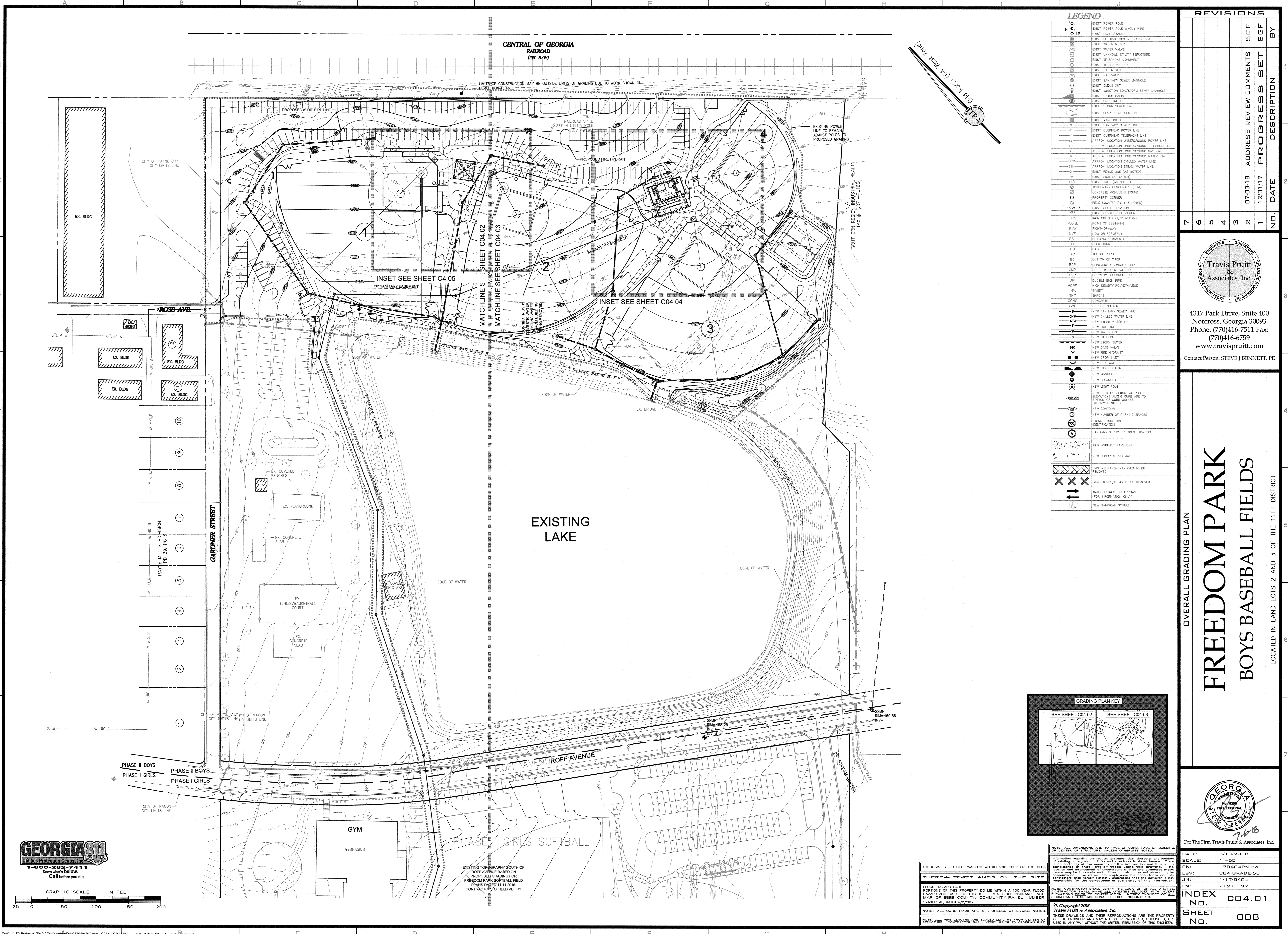
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EN:	BALLFIELD LAYOUT.DWG
LBV:	NA
JN:	1-17-0404
FN:	212-E-197
INDEX NO.	C03.04
SHEET NO.	007



2 FIELD #1 (T-BALL FIELD) CONSTRUCTION ITEMS - STANDARD
 SCALE: 1"=20'



2 FIELD #2,3,4 (225' FIELD) CONSTRUCTION ITEMS - STANDARD
 SCALE: 1"=20'



LEGEND

LP	EXIST. POWER POLE
LP	EXIST. POWER POLE W/UTILITY WIRE
LS	EXIST. LIGHT STANDARD
ET	EXIST. ELECTRIC BOX OR TRANSFORMER
WM	EXIST. WATER METER
WV	EXIST. WATER VALVE
US	EXIST. UNKNOWN UTILITY STRUCTURE
TM	EXIST. TELEPHONE MONUMENT
TR	EXIST. TELEPHONE BOX
GM	EXIST. GAS METER
GV	EXIST. GAS VALVE
SSM	EXIST. SANITARY SEWER MANHOLE
CO	EXIST. CLEAN OUT
JS	EXIST. JUNCTION BOX/STORM SEWER MANHOLE
CB	EXIST. CATCH BASIN
DI	EXIST. DROPPED INLET
SL	EXIST. STORM SEWER LINE
FL	EXIST. FLARED END SECTION
YI	EXIST. YARD INLET
SS	EXIST. SANITARY SEWER LINE
OW	EXIST. OVERHEAD POWER LINE
TL	EXIST. OVERHEAD TELEPHONE LINE
UL	APPROX. LOCATION UNDERGROUND POWER LINE
UT	APPROX. LOCATION UNDERGROUND TELEPHONE LINE
UG	APPROX. LOCATION UNDERGROUND GAS LINE
UW	APPROX. LOCATION UNDERGROUND WATER LINE
US	APPROX. LOCATION UNDERGROUND STEAM WATER LINE
XL	EXIST. FENCE LINE (AS NOTED)
ES	EXIST. SIGN (AS NOTED)
EF	EXIST. TREE (AS NOTED)
TM	TEMPORARY BENCHMARK (TBM)
CM	CONCRETE MONUMENT FOUND
PC	PROPERTY CORNER
FL	FIELD LOCATED PIN (AS NOTED)
SE	EXIST. SPOT ELEVATION
CE	EXIST. CONTOUR ELEVATION
IR	IRON PILE TEST (EXT. BEARING)
P.O.B.	POINT OF BEGINNING
R/W	RIGHT-OF-WAY
N/F	NOTED OR FORMERLY
BSL	BUILDING SETBACK LINE
D.B.	DEED BOOK
PA	PAGE
TC	TOP OF CURB
BC	BOTTOM OF CURB
RCF	REINFORCED CONCRETE PIPE
CMF	CORRUGATED METAL PIPE
PVC	POLYVINYL CHLORIDE PIPE
DIP	DUCTILE IRON PIPE
HDPE	HIGH DENSITY POLYETHYLENE
RVC	RIVET
TH	THROAT
CONC.	CONCRETE
C&G	CURB & GUTTER
NSW	NEW SANITARY SEWER LINE
NW	NEW CHILLED WATER LINE
NSW	NEW STEAM WATER LINE
NFL	NEW FIRE LINE
NWL	NEW WATER LINE
NGS	NEW GAS LINE
NSR	NEW STORM SEWER
NSV	NEW GATE VALVE
NFI	NEW FIRE HYDRANT
NSD	NEW DROPPED INLET
NH	NEW HEADWALL
NCB	NEW CATCH BASIN
NM	NEW MANHOLE
NCL	NEW CLEANOUT
NLP	NEW LIGHT POLE
NSE	NEW SPOT ELEVATION, ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
NC	NEW CONTOUR
NPS	NEW NUMBER OF PARKING SPACES
NS	STORM STRUCTURE IDENTIFICATION
SI	SANITARY STRUCTURE IDENTIFICATION
AS	NEW ASPHALT PAVEMENT
CS	NEW CONCRETE SIDEWALK
EP	EXISTING PAVEMENT/ C&G TO BE REMOVED
SR	STRUCTURES/ITEMS TO BE REMOVED
TA	TRAFFIC DIRECTION ARROWS (FOR INFORMATION ONLY)
HC	NEW HANDICAP SYMBOL

REVISIONS

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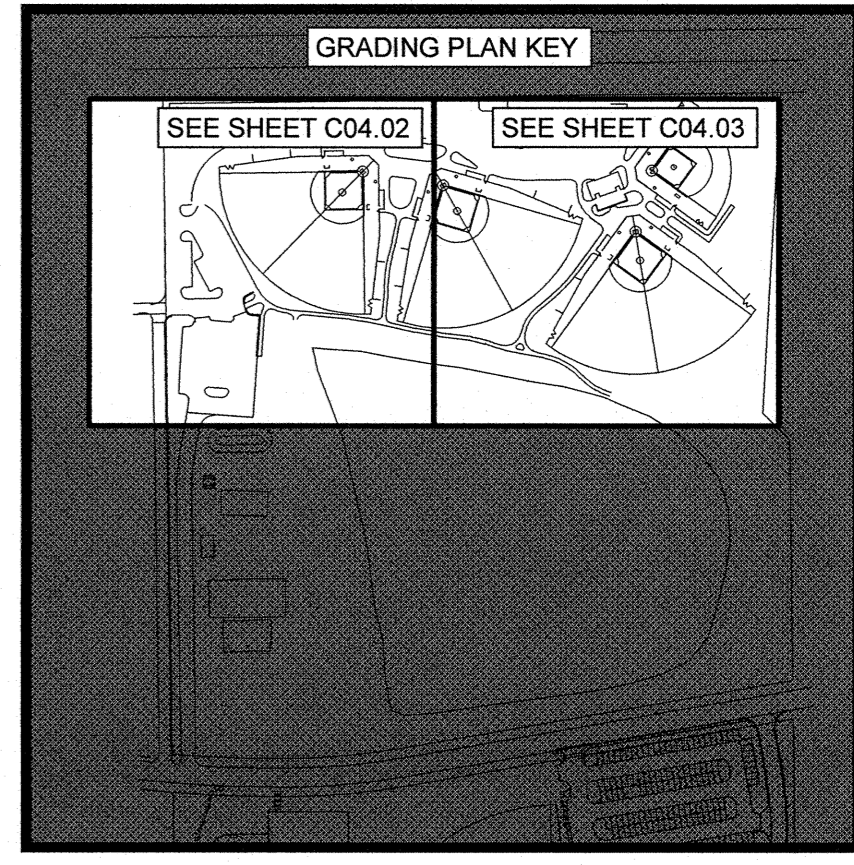
Contact Person: STEVE J BENNETT, PE

OVERALL GRADING PLAN

FREEDOM PARK

BOYS BASEBALL FIELDS

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT



NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

Information regarding the required presence, size, character and location of existing and proposed structures are shown herein. There is no warranty of the accuracy of this information and it shall be considered an advisory only. The contractor shall verify the location and depth of all existing and proposed structures and utilities and shall be responsible for the correctness or sufficiency of this information.

FLOOD HAZARD NOTE:
 PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DEFINED BY THE F.E.M.A. FLOOD INSURANCE RATE MAP OF BIEB COUNTY, COMMUNITY PANEL NUMBER 130210031F, DATED 4/2/2017.

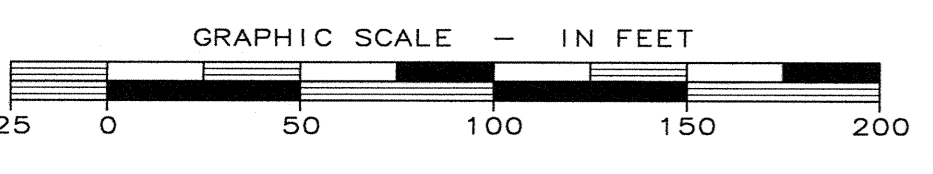
NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL VERIFY UTILITIES BY LOCATING ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES INDICATED.

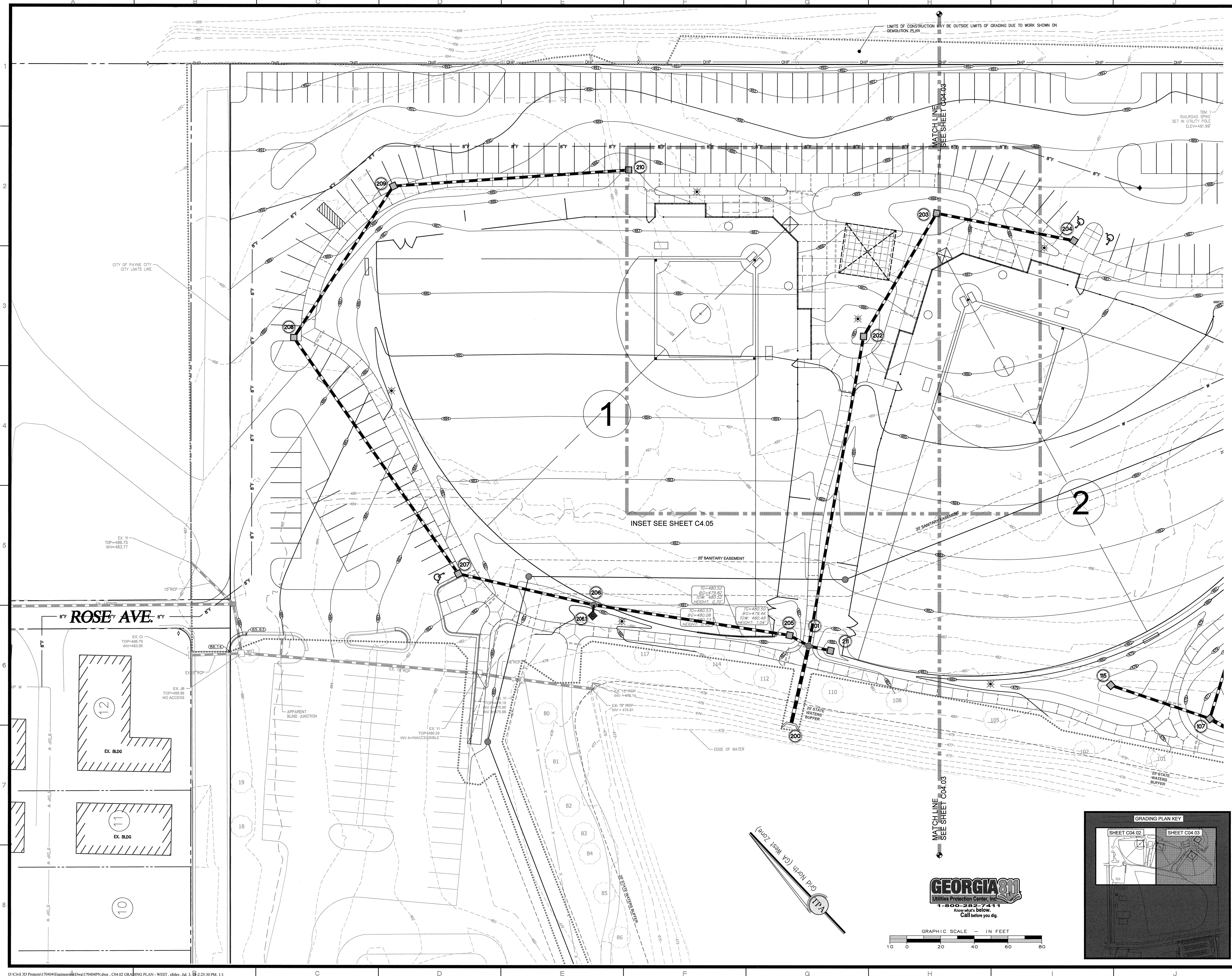
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NOTE: ALL CURB RADI ARE 2' UNLESS OTHERWISE NOTED.

NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.





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GRADING PLAN - WEST

FREEDOM PARK

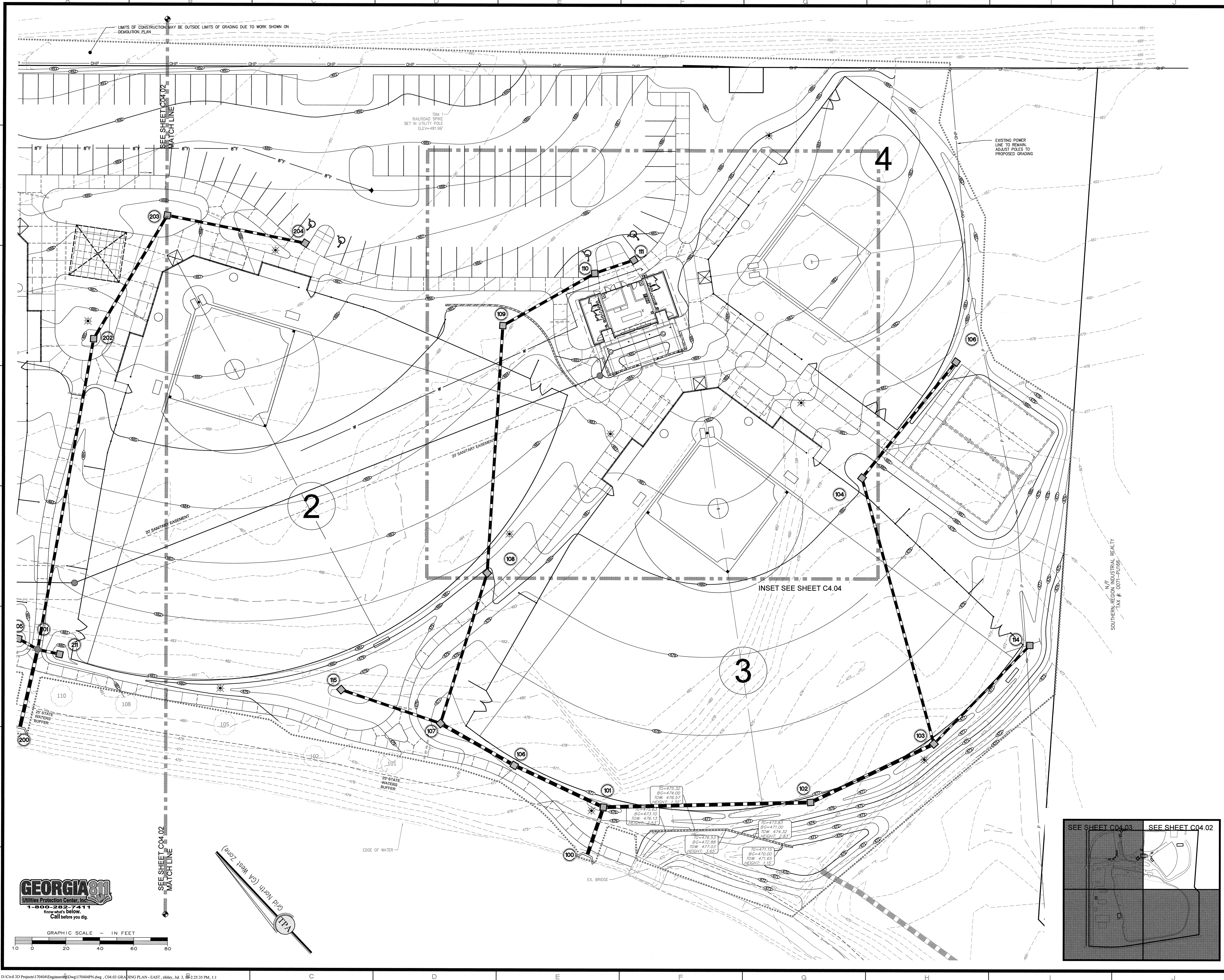
BOYS BASEBALL FIELDS

 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT


 For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	1" = 20'
CN:	170404PN.dwg
LSV:	004-GRADE-2D
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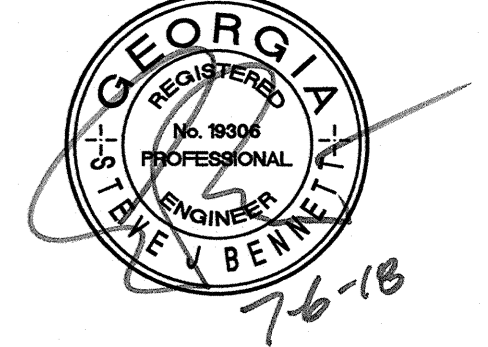
 Contact Person: STEVE J BENNETT, PE

GRADING PLAN - EAST

FREEDOM PARK

BOYS BASEBALL FIELDS

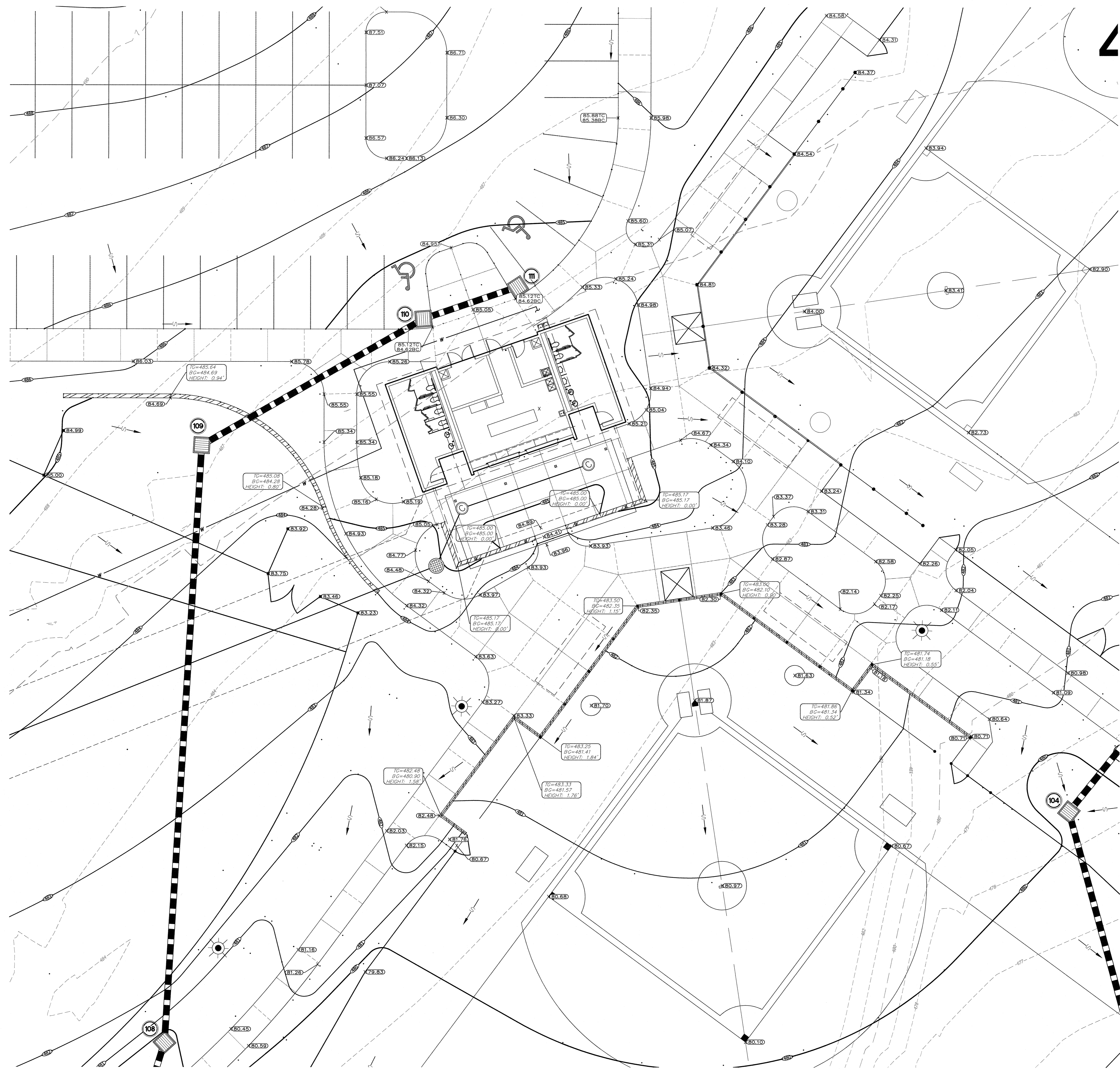
LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT



 For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	1" = 20'
DN:	170404PN.DWG
LBV:	004-GRADE-20
JN:	1-17-0404
FN:	212-E-197

INDEX NO. C04.03
 SHEET NO. 010

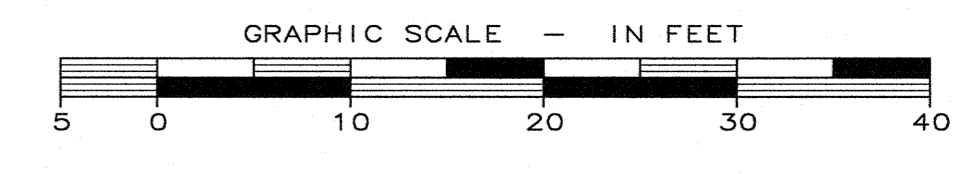
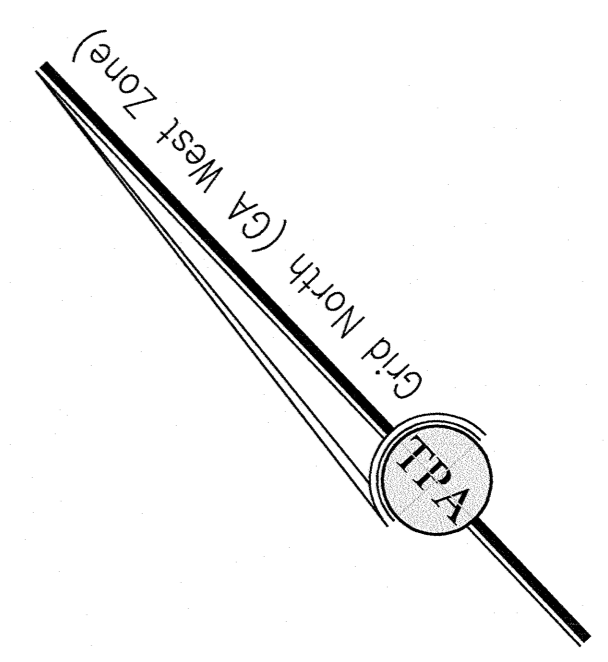


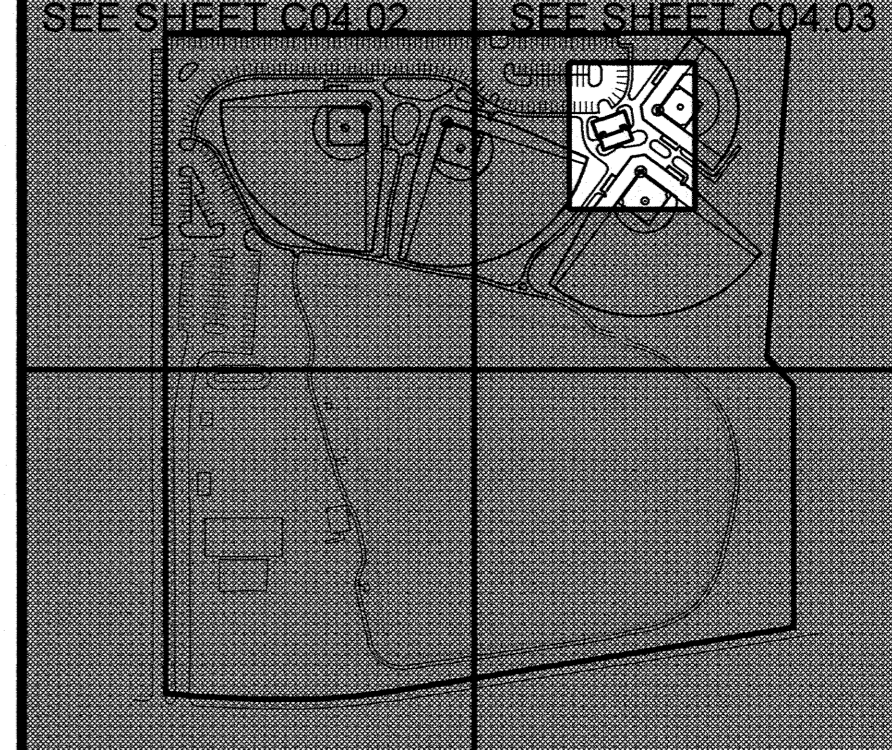
REVISIONS			
NO.	DATE	DESCRIPTION	BY
7			
6			
5			
4			
3	07-03-18	ADDRESS REVIEW COMMENTS	SGF
2	12/01/17	PROGRESS SET	SGF
1			



Travis Pruitt & Associates, Inc.
 ENGINEERS • SURVEYORS
 ARCHITECTS • ENVIRONMENTAL SCIENTISTS

4317 Park Drive, Suite 400
 Norcross, Georgia 30093
 Phone: (770)416-7511 Fax: (770)416-6759
 www.travispruitt.com
 Contact Person: STEVE J BENNETT, PE

CONCESSION AREA DETAILED GRADING
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT



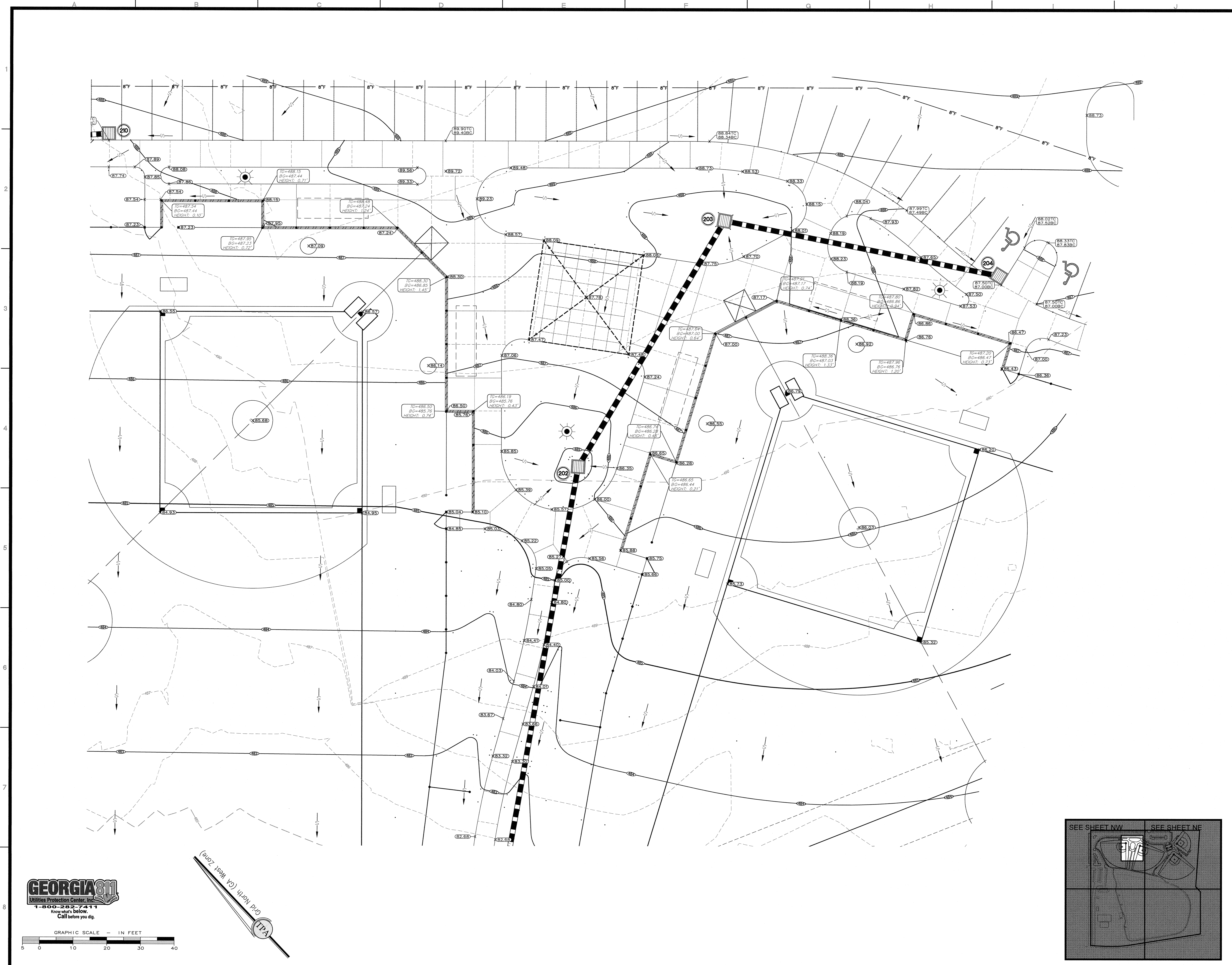
SEE SHEET C04.02 SEE SHEET C04.03



 For The Firm
 Travis Pruitt & Associates, Inc.
 For The Firm Travis Pruitt & Associates, Inc.

DATE: 5/18/2018
 SCALE: 1" = 10'
 CN: 170404PN.dwg
 LSV: 004-GRADE-10
 JN: 1-17-0404
 FN: 212-E-197

INDEX
 No. C04.04
SHEET
 No. 011



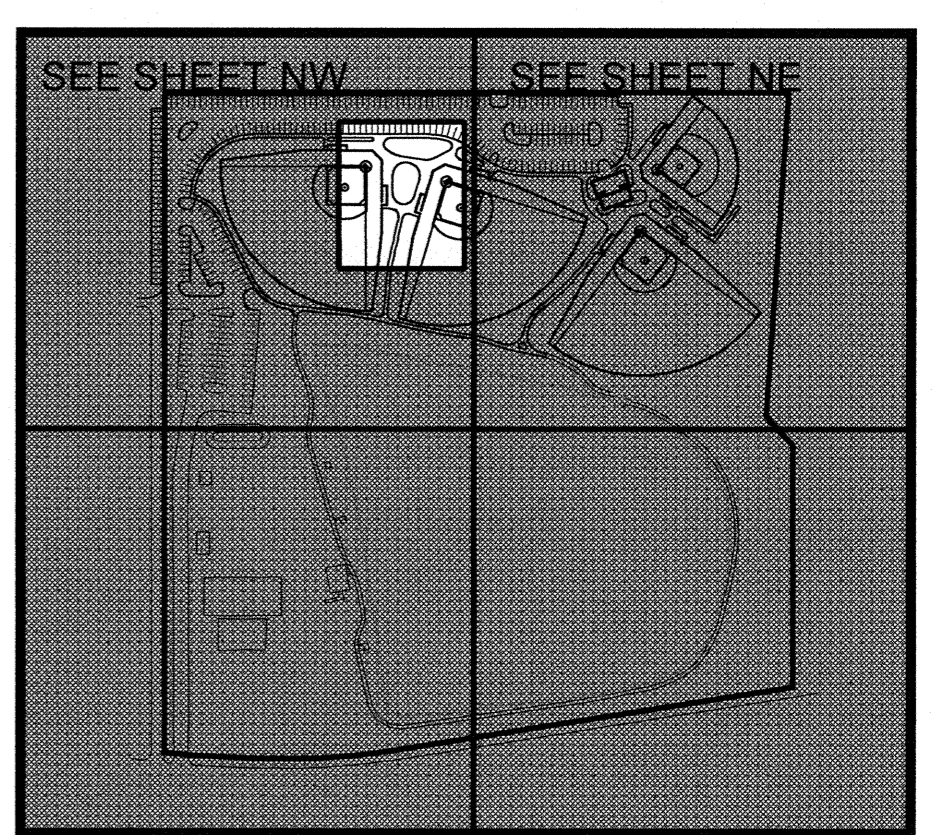
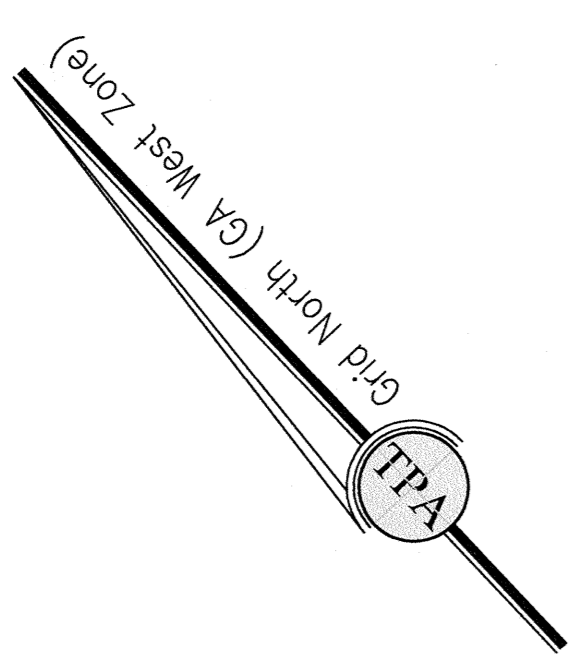
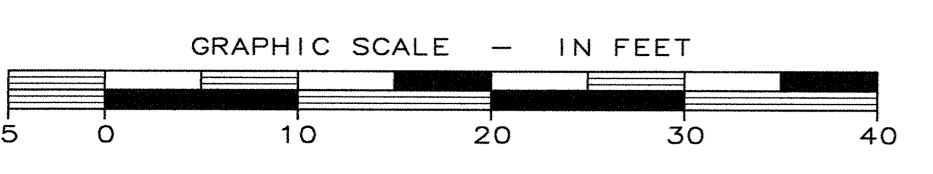



REVISIONS			
NO.	DATE	PROGRESS SET	DESCRIPTION
7			
6			
5			
4			
3	07-03-18	ADDRESS REVIEW COMMENTS	SGF
2	12/01/17	PROGRESS SET	SGF
1			BY


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DETAILED GRADING
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT




 For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	1"=10'
CN:	170404PN.dwg
LBV:	004-GRADE-10
JN:	1-17-0404
FN:	212-E-197

INDEX No. C04.05
SHEET No. 012
SHEET No. 012

REVISIONS

NO.	DATE	DESCRIPTION	SGF	BY
7				
6				
5				
4				
3				
2	07-03-18	ADDRESS REVIEW COMMENTS		
1	12/01/17	PROGRESS SET		

Travis Pruitt & Associates, Inc.
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Contact Person: STEVE J BENNETT, PE

OVERALL UTILITY PLAN

FREEDOM PARK

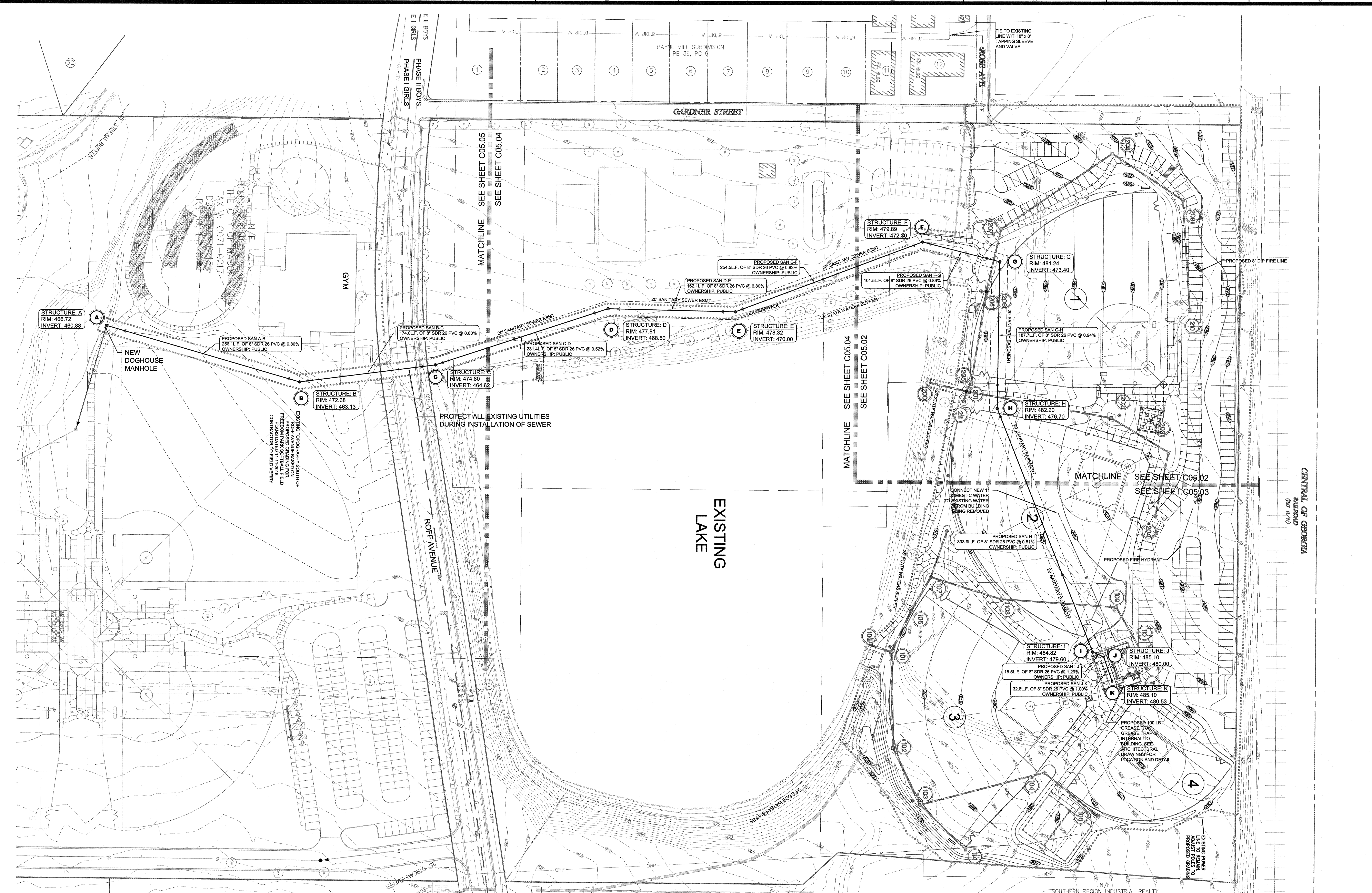
BOYS BASEBALL FIELDS

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

For The Firm Travis Pruitt & Associates, Inc.

DATE: 5/18/2018
 SCALE: 1" = 50'
 CN: 170404PN.DWG
 LSB: 005-UTILITY
 FN: 1-17-0404
 JN: 212-E-197

INDEX SHEET NO. 013

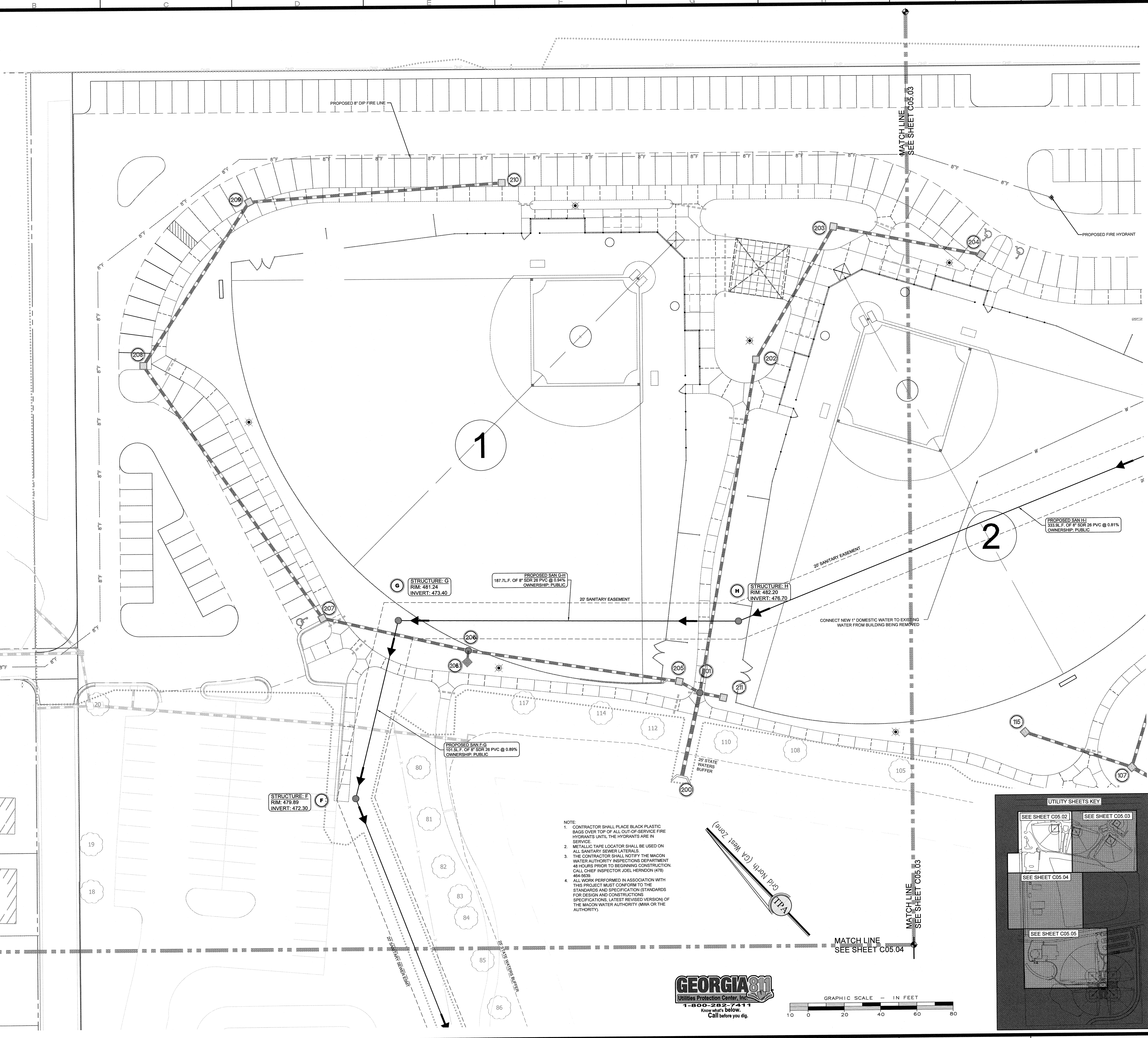


LEGEND

⊙	EXIST. POWER POLE	⊙	EXIST. SIGN (AS NOTED)	—	NEW WATER LINE
⊙ LP	EXIST. POWER POLE W/ JULY WIRE	⊙	EXIST. TREE (AS NOTED)	—	NEW GAS LINE
⊙	EXIST. LIGHT STANDBY	⊙	TEMPORARY BENCHMARK (TBM)	—	NEW STORM SEWER
⊙	EXIST. ELECTRIC BOX OR TRANSFORMER	⊙	CONCRETE MONUMENT FOUND	—	NEW GATE VALVE
⊙	EXIST. WATER METER	⊙	PROPERTY CORNER	—	NEW FIRE HYDRANT
⊙	EXIST. WATER VALVE	⊙	FIELD LOCATED PIN (AS NOTED)	—	NEW DRIP INLET
⊙	EXIST. UNKNOWN UTILITY STRUCTURE	⊙	EXIST. SPOT ELEVATION	—	NEW HEADWALL
⊙	EXIST. TELEPHONE MONUMENT	⊙	-535-	—	NEW CATCH BASIN
⊙	EXIST. TELEPHONE BOX	⊙	EXIST. CONTOUR ELEVATION	—	NEW MANHOLE
⊙	EXIST. GAS METER	⊙	IRON PIN SET (1/2" REBAR)	—	NEW CLEANOUT
⊙	EXIST. GAS VALVE	⊙	P.O.B.	—	NEW LIGHT POLE
⊙	EXIST. SANITARY SEWER MANHOLE	⊙	POINT OF BEGINNING	—	NEW SPOT ELEVATION, ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
⊙	EXIST. CLEAN OUT	⊙	R/W	—	NEW CATCH BASIN
⊙	EXIST. JUNCTION BOX/STORM SEWER MANHOLE	⊙	RIGHT-OF-WAY	—	NEW MANHOLE
⊙	EXIST. CATCH BASIN	⊙	N/W	—	NEW CLEANOUT
⊙	EXIST. DROP INLET	⊙	NOW OR FORMERLY	—	NEW SPOT ELEVATION, ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
⊙	EXIST. OVERHEAD POWER LINE	⊙	DEED BOOK	—	NEW CATCH BASIN
⊙	EXIST. OVERHEAD TELEPHONE LINE	⊙	ESL	—	NEW MANHOLE
⊙	APPROX. LOCATION UNDERGROUND POWER LINE	⊙	PG.	—	NEW CLEANOUT
⊙	APPROX. LOCATION UNDERGROUND TELEPHONE LINE	⊙	TC	—	NEW SPOT ELEVATION, ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
⊙	APPROX. LOCATION UNDERGROUND GAS LINE	⊙	BC	—	NEW CATCH BASIN
⊙	APPROX. LOCATION UNDERGROUND WATER LINE	⊙	BP	—	NEW MANHOLE
⊙	APPROX. LOCATION CHILLED WATER LINE	⊙	RGP	—	NEW CLEANOUT
⊙	APPROX. LOCATION STEAM WATER LINE	⊙	CMP	—	NEW SPOT ELEVATION, ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
⊙	EXIST. FENCE LINE (AS NOTED)	⊙	PVC	—	NEW CATCH BASIN
		⊙	HDPE	—	NEW MANHOLE
		⊙	THRT	—	NEW CLEANOUT
		⊙	CONC.	—	NEW SPOT ELEVATION, ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
		⊙	C&G	—	NEW CATCH BASIN
		⊙	OW	—	NEW MANHOLE
		⊙	SW	—	NEW CLEANOUT
		⊙	FW	—	NEW SPOT ELEVATION, ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
		⊙	NEW	—	NEW CATCH BASIN
		⊙	NEW	—	NEW MANHOLE
		⊙	NEW	—	NEW CLEANOUT
		⊙	NEW	—	NEW SPOT ELEVATION, ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
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		⊙	NEW	—	NEW CLEANOUT
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		⊙	NEW	—	NEW MANHOLE
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		⊙	NEW	—	NEW CATCH BASIN
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		⊙	NEW	—	NEW CLEANOUT
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		⊙	NEW	—	NEW MANHOLE
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		⊙	NEW	—	NEW SPOT ELEVATION, ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
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		⊙	NEW	—	NEW CATCH BASIN
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		⊙	NEW	—	NEW CATCH BASIN
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		⊙	NEW	—	NEW SPOT ELEVATION, ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
		⊙	NEW	—	NEW CATCH BASIN
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		⊙	NEW	—	NEW MANHOLE
		⊙	NEW	—	NEW CLEANOUT
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		⊙	NEW	—	NEW CATCH BASIN
		⊙	NEW	—	NEW MANHOLE
		⊙	NEW	—	NEW CLEANOUT
		⊙	NEW	—	NEW SPOT ELEVATION, ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
		⊙	NEW	—	NEW CATCH BASIN
		⊙	NEW	—	NEW MANHOLE
		⊙	NEW	—	NEW CLEANOUT
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		⊙	NEW	—	NEW MANHOLE
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		⊙	NEW	—	NEW CATCH BASIN
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		⊙	NEW	—	NEW CATCH BASIN
		⊙	NEW	—	NEW MANHOLE
		⊙	NEW	—	NEW CLEANOUT
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		⊙	NEW	—	NEW MANHOLE
		⊙	NEW	—	NEW CLEANOUT
		⊙	NEW	—	NEW SPOT ELEVATION, ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
		⊙	NEW	—	NEW CATCH BASIN
		⊙	NEW	—	NEW MANHOLE
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		⊙	NEW	—	NEW MANHOLE
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		⊙	NEW	—	NEW CATCH BASIN
		⊙	NEW	—	NEW MANHOLE
		⊙	NEW	—	NEW CLEANOUT
		⊙	NEW	—	NEW SPOT ELEVATION, ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
		⊙	NEW	—	NEW CATCH BASIN
		⊙	NEW	—	NEW MANHOLE

LEGEND

EXIST. POWER POLE	EXIST. POWER POLE W/SUB WIRE
EXIST. LIGHT STANDARD	EXIST. ELECTRIC BOX OR TRANSFORMER
EXIST. WATER METER	EXIST. WATER VALVE
EXIST. UNKNOWN UTILITY STRUCTURE	EXIST. TELEPHONE MONUMENT
EXIST. TELEPHONE BOX	EXIST. GAS METER
EXIST. GAS VALVE	EXIST. SANITARY SEWER MANHOLE
EXIST. CLEAN OUT	EXIST. JUNCTION BOX/STORM SEWER MANHOLE
EXIST. CATCH BASIN	EXIST. DROP INLET
EXIST. STORM SEWER LINE	EXIST. FLARED END SECTION
EXIST. YARD INLET	EXIST. SANITARY SEWER LINE
EXIST. OVERHEAD POWER LINE	EXIST. OVERHEAD TELEPHONE LINE
APPROX. LOCATION UNDERGROUND POWER LINE	APPROX. LOCATION UNDERGROUND TELEPHONE LINE
APPROX. LOCATION UNDERGROUND GAS LINE	APPROX. LOCATION UNDERGROUND WATER LINE
APPROX. LOCATION CHILLED WATER LINE	APPROX. LOCATION STEAM WATER LINE
EXIST. FENCE (AS NOTED)	EXIST. SIGN (AS NOTED)
EXIST. TREE (AS NOTED)	EXIST. TEMPORARY SEWAGE TANK (TBM)
CONCRETE MONUMENT FOUND	PROPERTY CORNER
FIELD LOCATED PIN (AS NOTED)	EXIST. SPOT ELEVATION
EXIST. CONTOUR ELEVATION	IRON PIN SET (1/2" REBAR)
P.O.B.	R/O.B.
R/W	RIGHT-OF-WAY
N/T	NOW OR FORMERLY
BL	BUILDING SETBACK LINE
D.B.	DEED BOOK
P.G.	PAGE
TC	TOP OF CURB
BC	BOTTOM OF CURB
RCP	REINFORCED CONCRETE PIPE
CMP	CORRUGATED METAL PIPE
PVC	POLYVINYL CHLORIDE PIPE
DIP	DUCTILE IRON PIPE
HDPE	HIGH DENSITY POLYETHYLENE
INV.	INVERT
TH.	THRESH
CONC.	CONCRETE
C&G	CURB & GUTTER
NEW SANITARY SEWER LINE	NEW CHILLED WATER LINE
NEW STEAM WATER LINE	NEW FIRE LINE
NEW WATER LINE	NEW GAS LINE
NEW STORM SEWER	NEW GATE VALVE
NEW FIRE HYDRANT	NEW DROP INLET
NEW MANHOLE	NEW CLEANOUT
NEW LIGHT POLE	NEW SPOT ELEVATION. ALL SPOT ELEVATIONS ALONG CURBS ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
NEW CONTOUR	NEW NUMBER OF PARKING SPACES
EXISTING STRUCTURE IDENTIFICATION	SANITARY STRUCTURE IDENTIFICATION
NEW ASPHALT PAVEMENT	NEW CONCRETE SIDEWALK
EXISTING PAVEMENT/ C&G TO BE REMOVED	STRUCTURES/TREES TO BE REMOVED
TRAFFIC DIRECTION ARROWS (FOR INFORMATION ONLY)	NEW HANDICAP SYMBOL



1

2

STRUCTURE F
RIM: 479.89
INVERT: 472.30

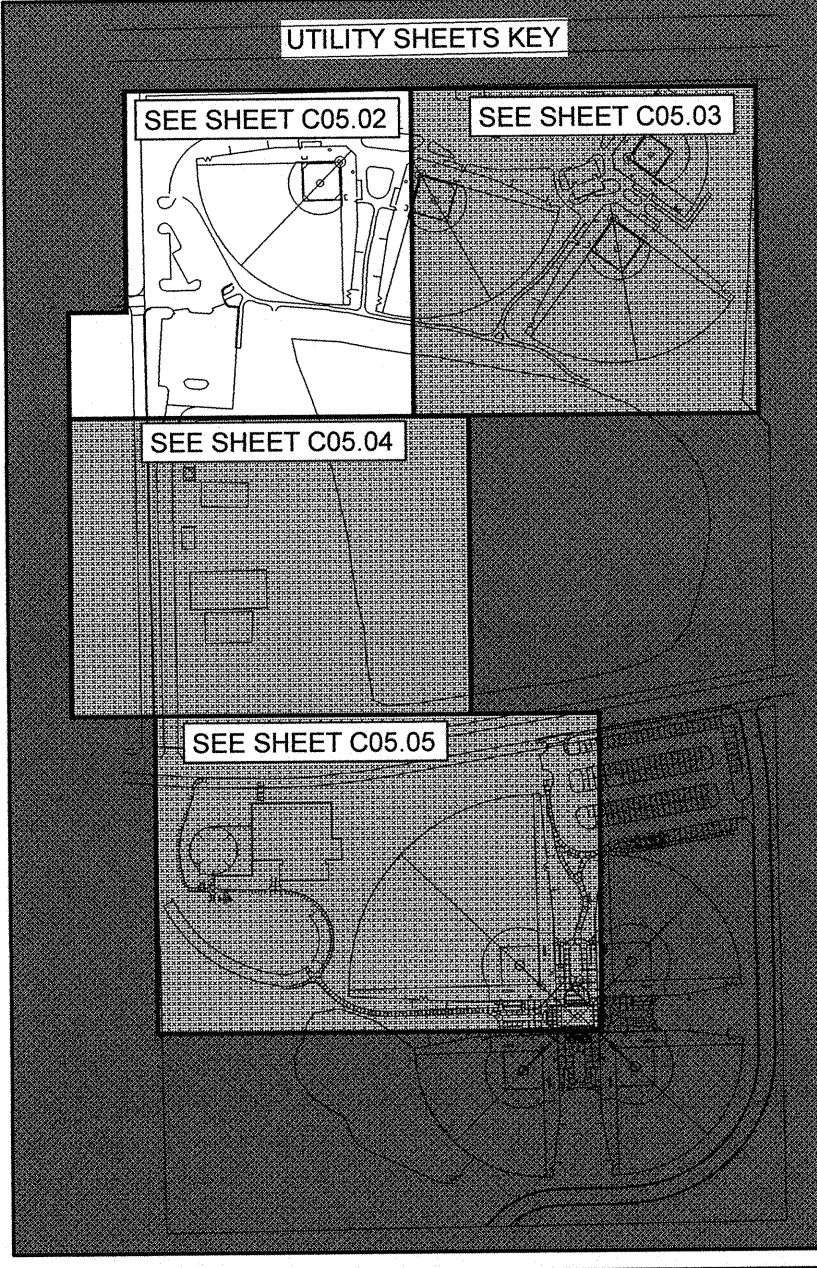
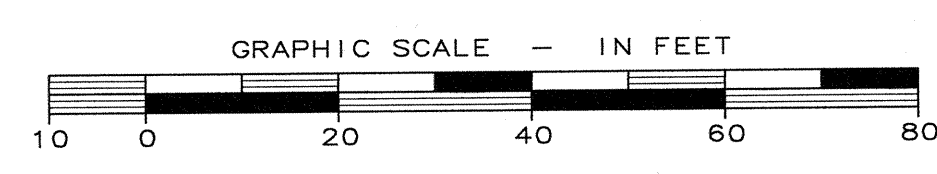
STRUCTURE G
RIM: 481.24
INVERT: 473.40

STRUCTURE H
RIM: 482.20
INVERT: 476.70

PROPOSED SAN I-G
101.5L.F. OF 8" SDR 26 PVC @ 0.89%
OWNERSHIP: PUBLIC

PROPOSED SAN G-H
187.7L.F. OF 8" SDR 26 PVC @ 0.84%
OWNERSHIP: PUBLIC

- NOTE:
- CONTRACTOR SHALL PLACE BLACK PLASTIC BAGS OVER TOP OF ALL OUT-OF-SERVICE FIRE HYDRANTS UNTIL THE HYDRANTS ARE IN SERVICE.
 - METALLIC TAPE LOCATOR SHALL BE USED ON ALL SANITARY SEWER LATERALS.
 - THE CONTRACTOR SHALL NOTIFY THE MACON WATER AUTHORITY INSPECTIONS DEPARTMENT 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. CALL CHIEF INSPECTOR, JOEL HERRON (678) 464-5639.
 - ALL WORK PERFORMED IN ASSOCIATION WITH THIS PROJECT MUST CONFORM TO THE STANDARDS AND SPECIFICATION STANDARDS FOR DESIGN AND CONSTRUCTION (SPECIFICATIONS, LATEST REVISED VERSION) OF THE MACON WATER AUTHORITY (MWA OR THE AUTHORITY).



REVISIONS			
NO.	DATE	DESCRIPTION	BY
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3	07-03-18	ADDRESS REVIEW COMMENTS	SGF
2	12/01/17	PROGRESS SET	SGF
1			

Travis Pruitt & Associates, Inc.
 ENGINEERS • SURVEYORS
 ARCHITECTS • ENVIRONMENTAL SCIENTISTS

4317 Park Drive, Suite 400
 Norcross, Georgia 30093
 Phone: (770)416-7511 Fax: (770)416-6759
 www.travispruitt.com

Contact Person: STEVE J BENNETT, PE

UTILITY PLAN - NW

FREEDOM PARK BOYS BASEBALL FIELDS

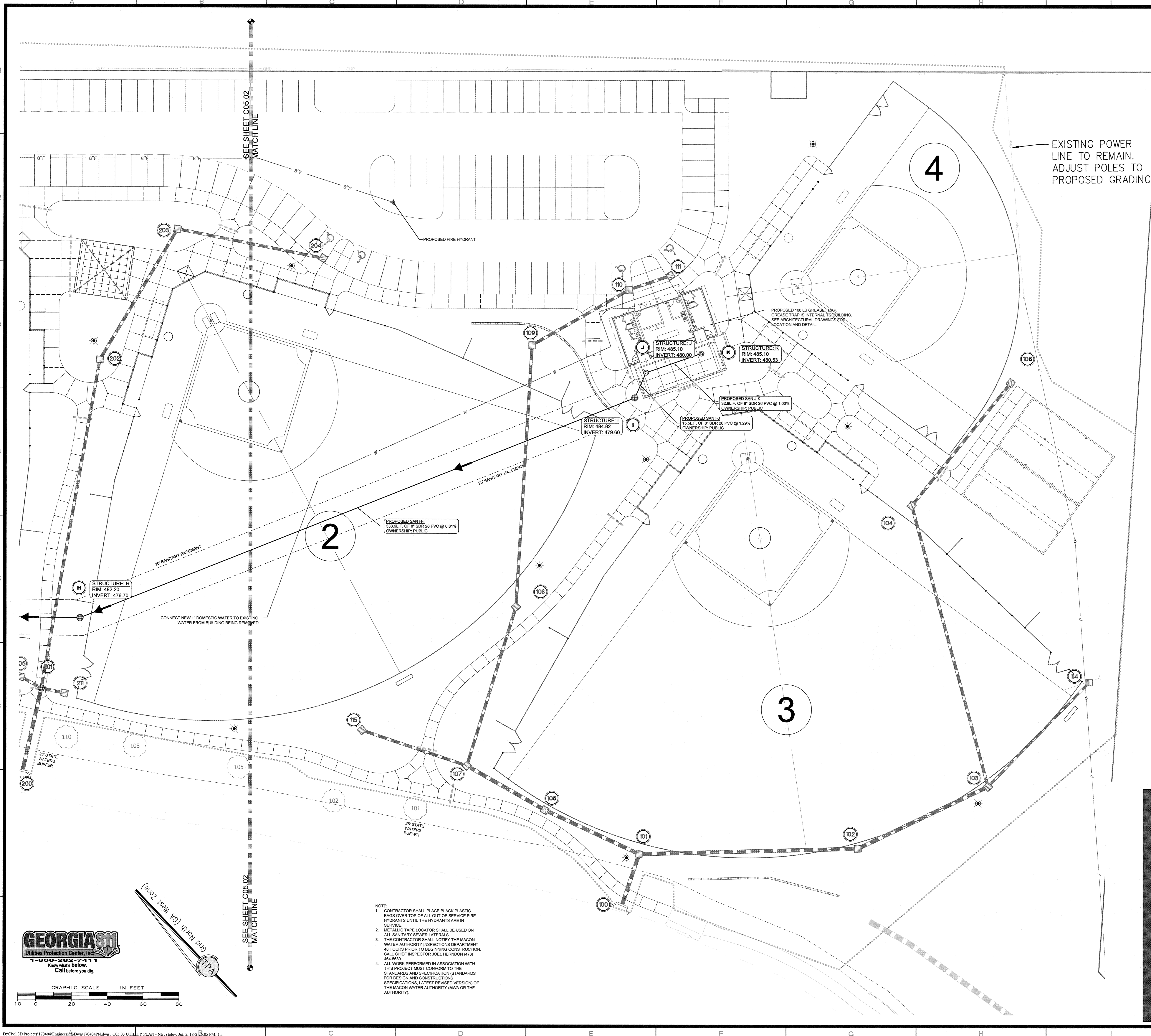
LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

GEORGIA
 PROFESSIONAL SEAL
 7616

For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	1" = 20'
CN:	170404PN.DWG
LSV:	005-UTILITY
JN:	1-17-0404
FN:	212-E-197

INDEX No. **C05.02**
 SHEET No. **014**



LEGEND

EXST. POWER POLE	EXST. POWER POLE W/SUB WIRE
EXST. LIGHT STANDARD	EXST. LIGHT STANDARDS
EXST. ELECTRIC BOX OR TRANSFORMER	EXST. WATER VALVE
EXST. WATER METER	EXST. UNKNOWN UTILITY STRUCTURE
EXST. TELEPHONE MONUMENT	EXST. TELEPHONE BOX
EXST. GAS METER	EXST. GAS VALVE
EXST. CLEAN OUT	EXST. SANITARY SEWER MANHOLE
EXST. JUNCTION BOX/STORM SEWER MANHOLE	EXST. CATCH BASIN
EXST. DRAIN INLET	EXST. STORM SEWER LINE
EXST. FLARED END SECTION	EXST. YARD INLET
EXST. SANITARY SEWER LINE	EXST. DRAINAGE POWER LINE
EXST. OVERHEAD TELEPHONE LINE	APPROX. LOCATION UNDERGROUND POWER LINE
APPROX. LOCATION UNDERGROUND POWER LINE	APPROX. LOCATION UNDERGROUND TELEPHONE LINE
APPROX. LOCATION UNDERGROUND GAS LINE	APPROX. LOCATION UNDERGROUND WATER LINE
APPROX. LOCATION CHILLED WATER LINE	APPROX. LOCATION STEAM WATER LINE
EXST. FENCE LINE (AS NOTED)	EXST. SIGN (AS NOTED)
EXST. TREE (AS NOTED)	EXST. TREE (AS NOTED)
TEMPORARY BENCHMARK (TBM)	CONCRETE MONUMENT FOUND
PROPERTY CORNER	FIELD LOCATOR PIN (AS NOTED)
EXST. SPOT ELEVATION	EXST. CONTOUR ELEVATION
IRON PIN SET (1/2" REBAR)	POINT OF BEGINNING
RIGHT-OF-WAY	HOW OR FORMERLY
BUILDING SETBACK LINE	DEED BOOK
PAGE	TOP OF CURB
BOTTOM OF CURB	REINFORCED CONCRETE PIPE
CORRUGATED METAL PIPE	POLYVINYL CHLORIDE PIPE
DUCTILE IRON PIPE	HIGH DENSITY POLYETHYLENE
THRUST	CONCRETE
CURB & GUTTER	NEW SANITARY SEWER LINE
NEW CHILLED WATER LINE	NEW STEAM WATER LINE
NEW FIRE LINE	NEW WATER LINE
NEW GAS LINE	NEW STORM SEWER
NEW GATE VALVE	NEW FIRE HYDRANT
NEW DROP INLET	NEW HEADWALL
NEW CATCH BASIN	NEW MANHOLE
NEW CLEANOUT	NEW LIGHT POLE
NEW SPOT ELEVATION: ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED	NEW CONTOUR
NEW NUMBER OF PARKING SPACES	STORM STRUCTURE IDENTIFICATION
SANITARY STRUCTURE IDENTIFICATION	NEW ASPHALT PAVEMENT
NEW CONCRETE SIDEWALK	EXISTING PAVEMENT / C&G TO BE REMOVED
STRUCTURES/ITEMS TO BE REMOVED	TRAFFIC DIRECTION ARROWS (FOR INFORMATION ONLY)
NEW HANDICAP SYMBOL	

REVISIONS

NO.	DATE	DESCRIPTION	PROGRESS SET	ADDRESS REVIEW COMMENTS	SGF	BY
7						
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3						
2	07-03-18					
1	12/01/17					

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Contact Person: STEVE J BENNETT, PE

UTILITY PLAN - NE

FREEDOM PARK

BOYS BASEBALL FIELDS

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

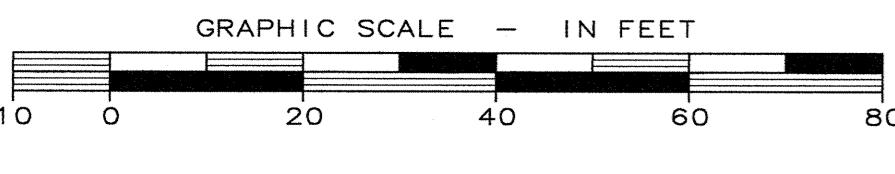
GEORGIA
 PROFESSIONAL ENGINEER
 LICENSE NO. 10000
 TRAVIS PRUITT

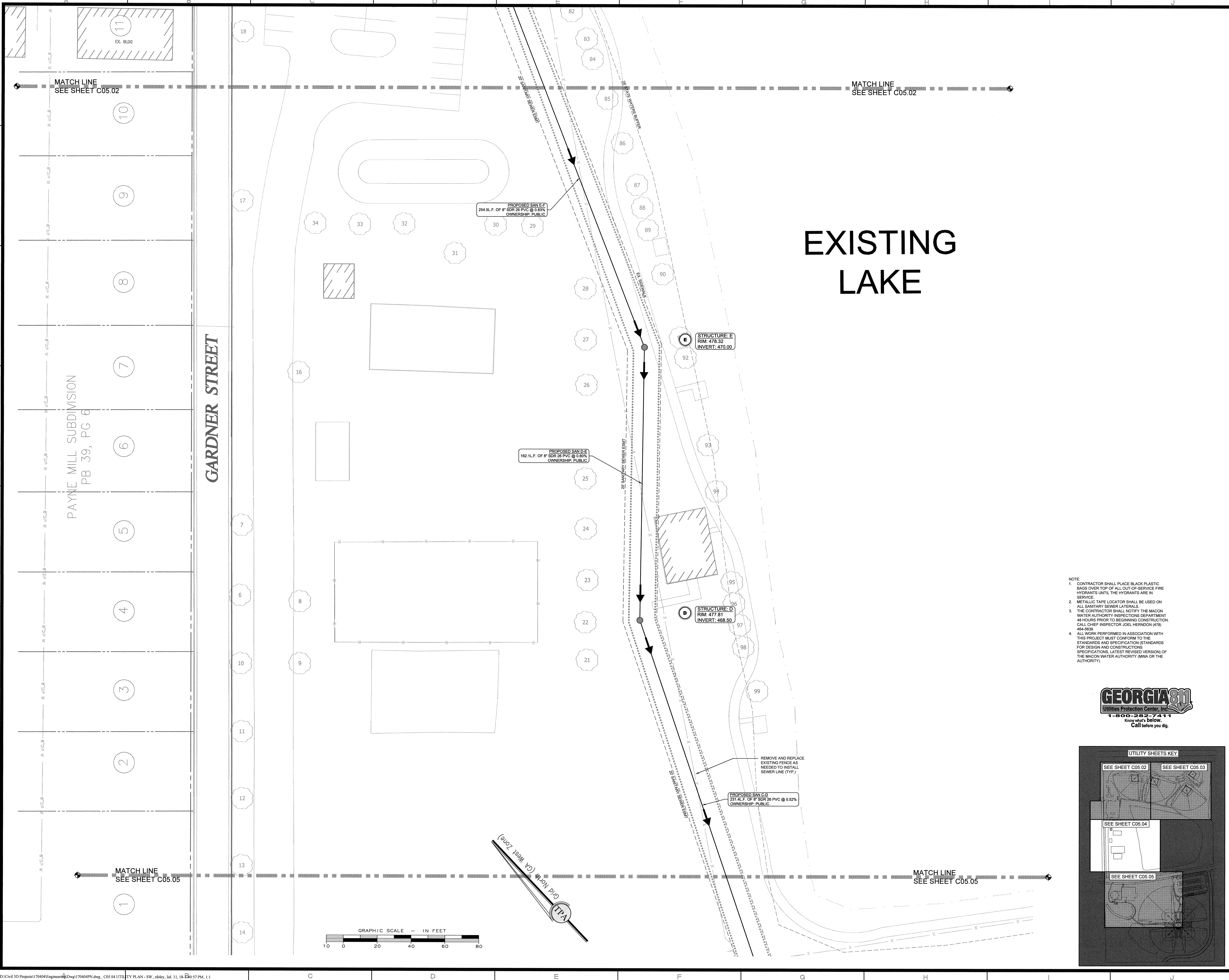
For The Firm Travis Pruitt & Associates, Inc.

DATE: 5/18/2018
 SCALE: 1" = 20'
 EN: 170404PN.dwg
 LBV: 005-UTILITY
 JN: 1-17-0404
 FN: 212-E-197

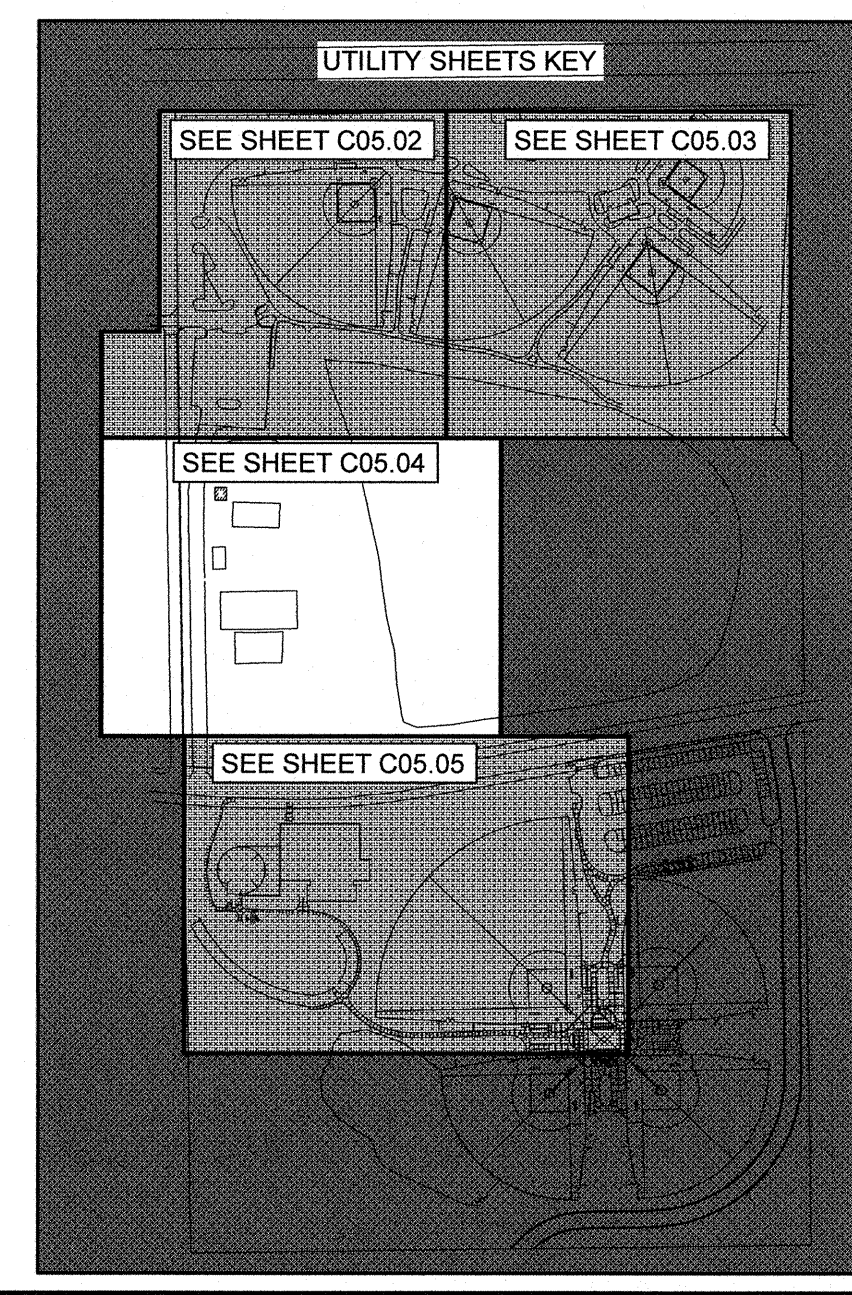
INDEX No. C05.03
 SHEET No. 015

- NOTE:**
- CONTRACTOR SHALL PLACE BLACK PLASTIC BAGS OVER TOP OF ALL OUT-OF-SERVICE FIRE HYDRANTS UNTIL THE HYDRANTS ARE IN SERVICE.
 - METALLIC TAPE LOCATOR SHALL BE USED ON ALL SANITARY SEWER LATERALS.
 - THE CONTRACTOR SHALL NOTIFY THE MACON WATER AUTHORITY INSPECTIONS DEPARTMENT 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. CALL CHIEF INSPECTOR JOEL HENDON AT 478-484-5639.
 - ALL WORK PERFORMED IN ASSOCIATION WITH THIS PROJECT MUST CONFORM TO THE STANDARDS AND SPECIFICATION STANDARDS FOR DESIGN AND CONSTRUCTION SPECIFICATIONS, LATEST REVISED VERSION OF THE MACON WATER AUTHORITY (MWA OR THE AUTHORITY).





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3	07-03-18	ADDRESS REVIEW COMMENTS	SGF
2	12/01/17	PROGRESS SET	SGF
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 Contact Person: STEVE J BENNETT, PE

UTILITY PLAN - SW

FREEDOM PARK

BOYS BASEBALL FIELDS

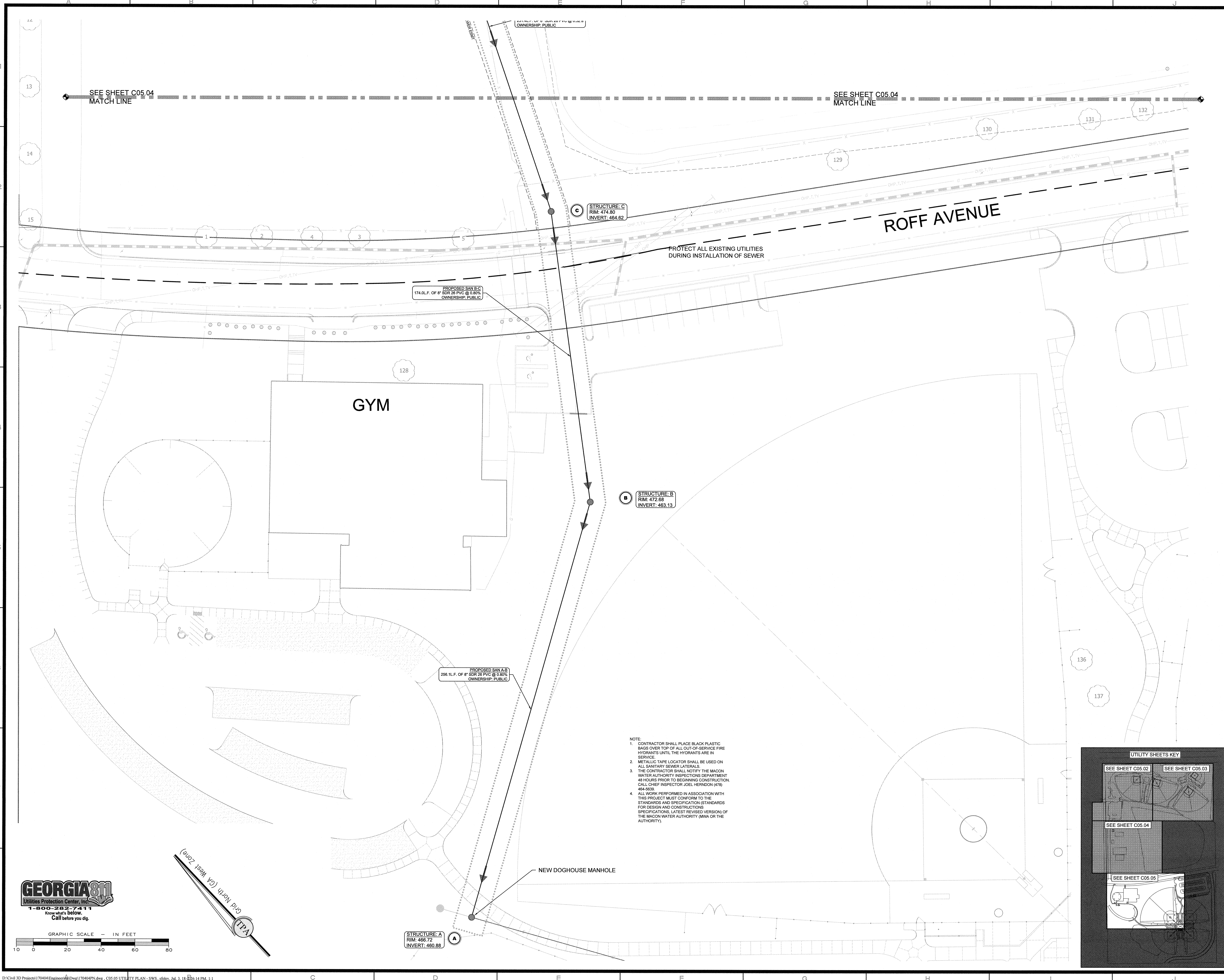
LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

GEORGIA
 REGISTERED PROFESSIONAL ENGINEER
 STEVE J. BENNETT, P.E.

For The Firm Travis Pruitt & Associates, Inc.

DATE: 5/18/2018
 SCALE: 1" = 20'
 CN: 170404PN.dwg
 LSV: 005-UTILITY
 JN: 1-17-0404
 FN: 212-E-197

INDEX No. C05.04
 SHEET No. 016

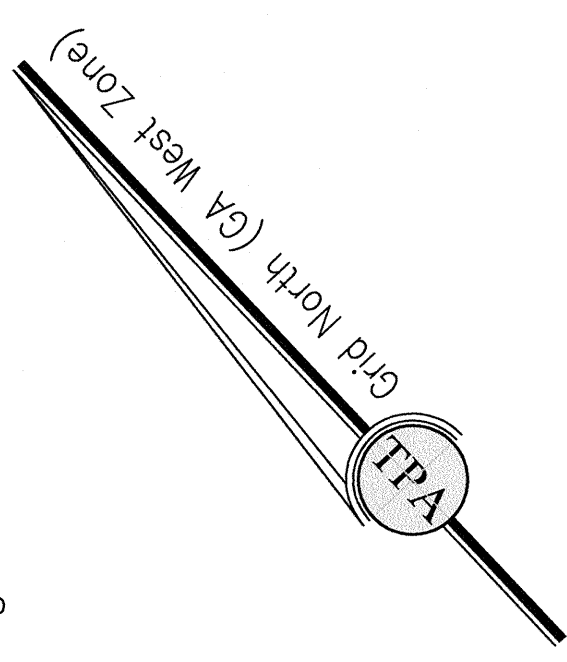
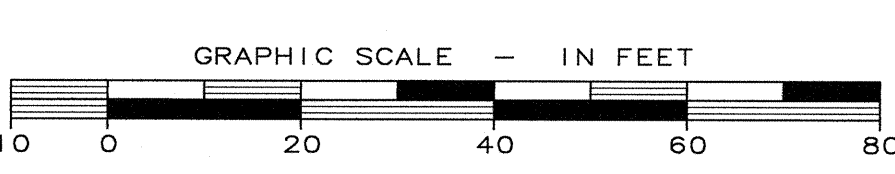
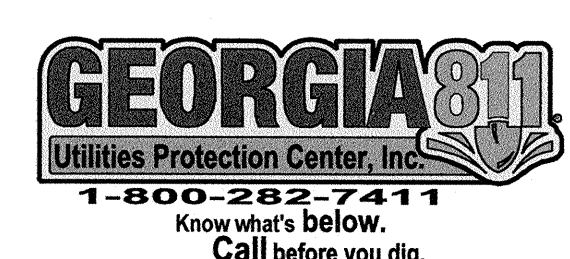
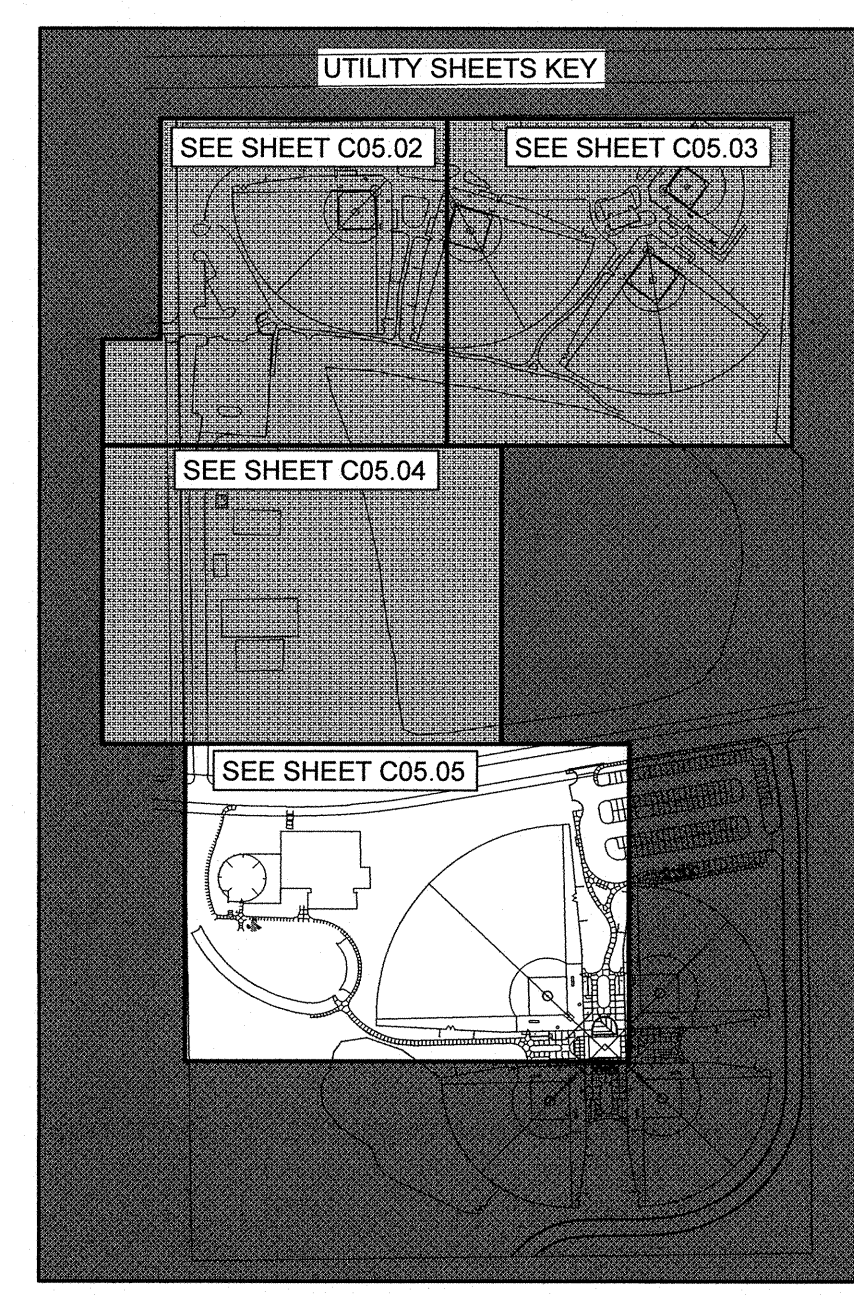


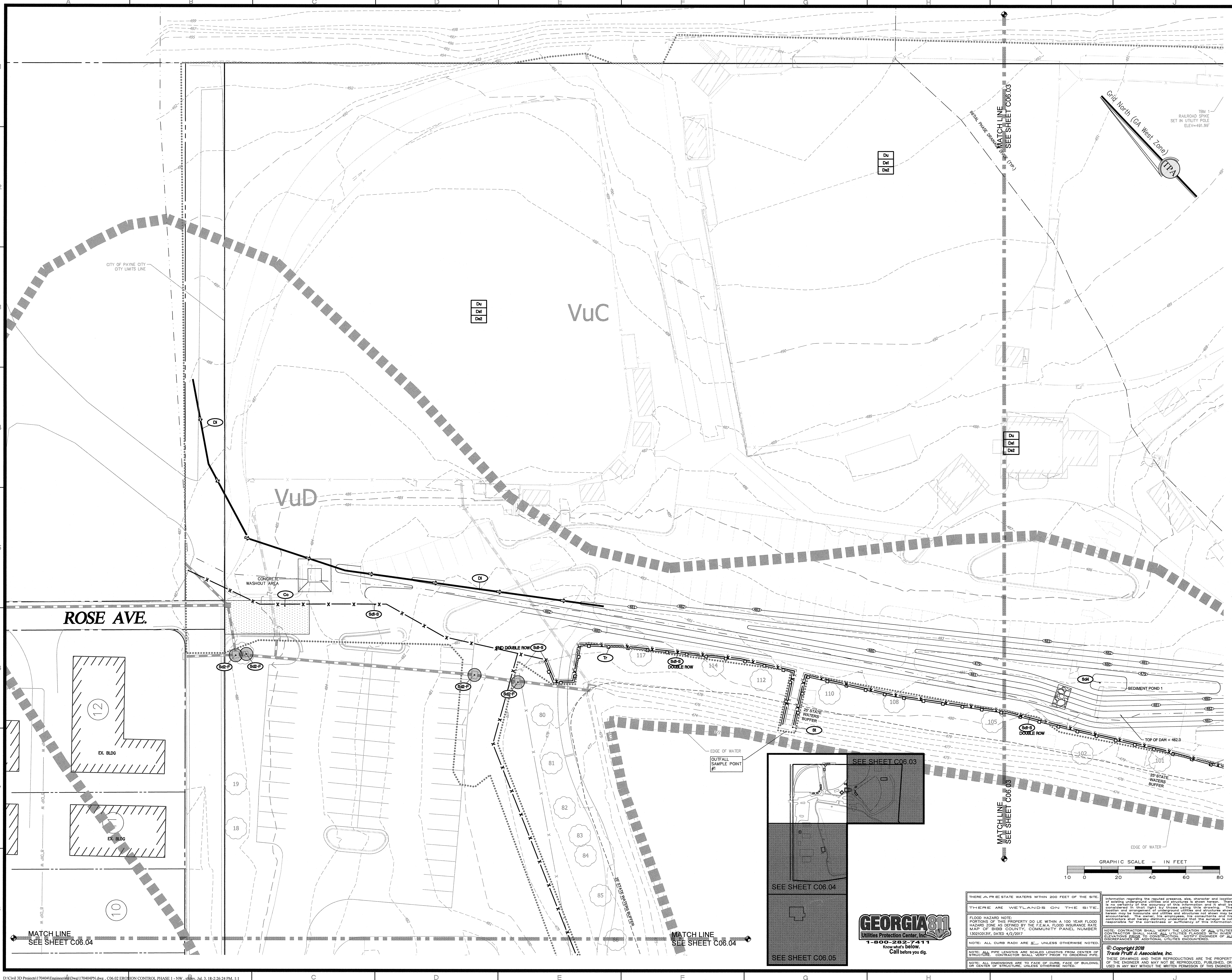
REVISIONS			
NO.	DATE	DESCRIPTION	BY
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3	07-03-18	ADDRESS REVIEW COMMENTS	SGF
2	12/01/17	PROGRESS SET	SGF
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UTILITY PLAN - SWS
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

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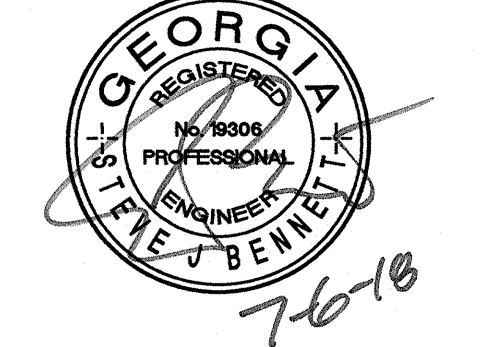




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EROSION CONTROL PHASE 1 - NW
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT


 For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	1" = 20'
CN:	170404PN.DWG
LSV:	006-EC1
JN:	1-17-0404
FN:	212-E-197
INDEX NO.	C06.02
SHEET NO.	019

THERE ARE STATE WATERS WITHIN 200 FEET OF THE SITE.
 THERE ARE WETLANDS ON THE SITE.
 FLOOD HAZARD NOTE:
 PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DETERMINED BY THE FEMA FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 130210331F, DATED 12/2017.
 NOTE: ALL CURB RADI ARE 6" UNLESS OTHERWISE NOTED.
 NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.
 NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

Information regarding the required presence, size, character and location of existing underground utilities and structures is shown herein. These are considered in strict light by those using this drawing. The location and arrangement of underground utilities and structures shown herein may be inaccurate and utilities and structures not shown may be encountered. The engineer, his employees, his consultants and his contractors warrant that the information is true and correct to the best of their knowledge and belief. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES PLACED TO SHOWN ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
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2	12/01/17	PROGRESS SET	SGF
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 Norcross, Georgia 30093
 Phone: (770)416-7511 Fax: (770)416-6759
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 Contact Person: STEVE J BENNETT, PE

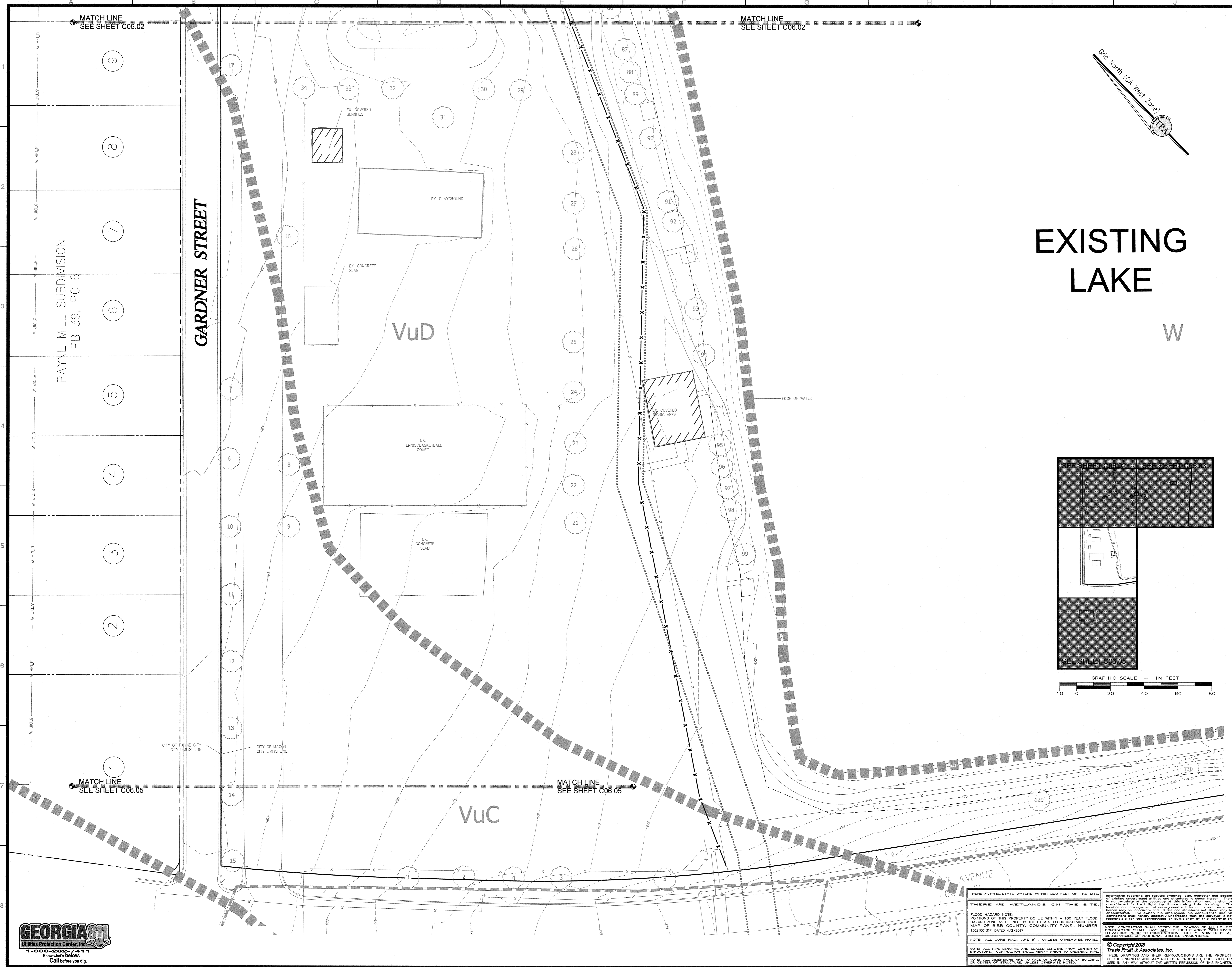
EROSION CONTROL PHASE 1 - NE
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT



DATE:	5/18/2018
SCALE:	1" = 20'
DN:	170404PN.DWG
LSV:	006-EC1
JN:	1-17-0404
FN:	212-E-197
INDEX No.	C06.03
SHEET No.	020

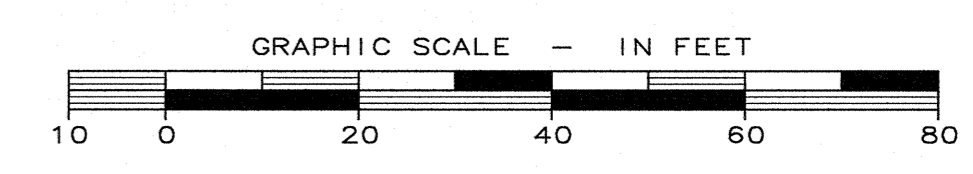
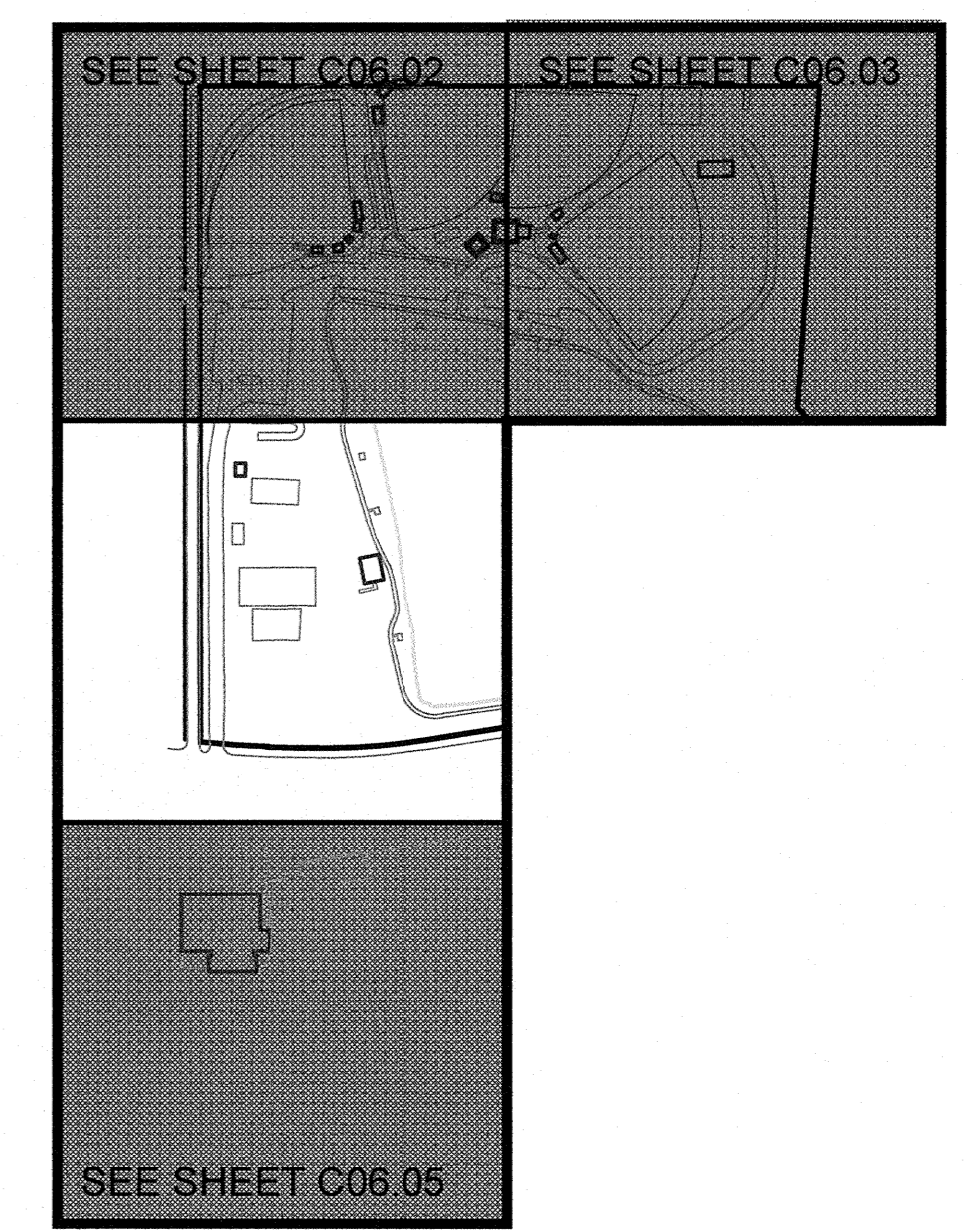
THERE ARE PRE-STATE WATERS WITHIN 200 FEET OF THE SITE.
 THERE ARE WETLANDS ON THE SITE.
 FLOOD HAZARD NOTE: PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DEFINED BY THE FEMA FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 13021003F, DATED 4/2/2017.
 NOTE: ALL CURB RADI ARE 2' UNLESS OTHERWISE NOTED.
 NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.
 NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
 INFORMATION REGARDING THE REPORTED PRESENCE, SIZE, CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES IS SHOWN HEREON. THERE IS NO CERTAINTY OF THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED ON THAT BASIS ONLY. THEREFORE, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES AND STRUCTURES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS AND SUFFICIENCY OF THIS INFORMATION.
 NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
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EXISTING LAKE

W

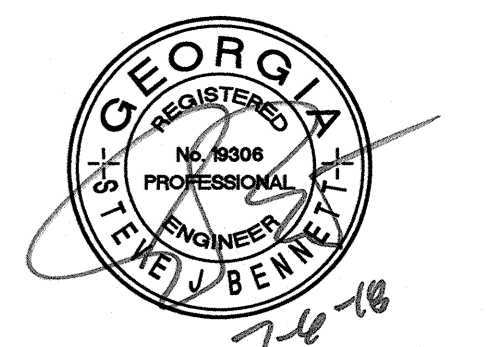


REVISIONS			
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 www.travispruitt.com
 Contact Person: STEVE J BENNETT, PE

EROSION CONTROL PHASE 1 - SW
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

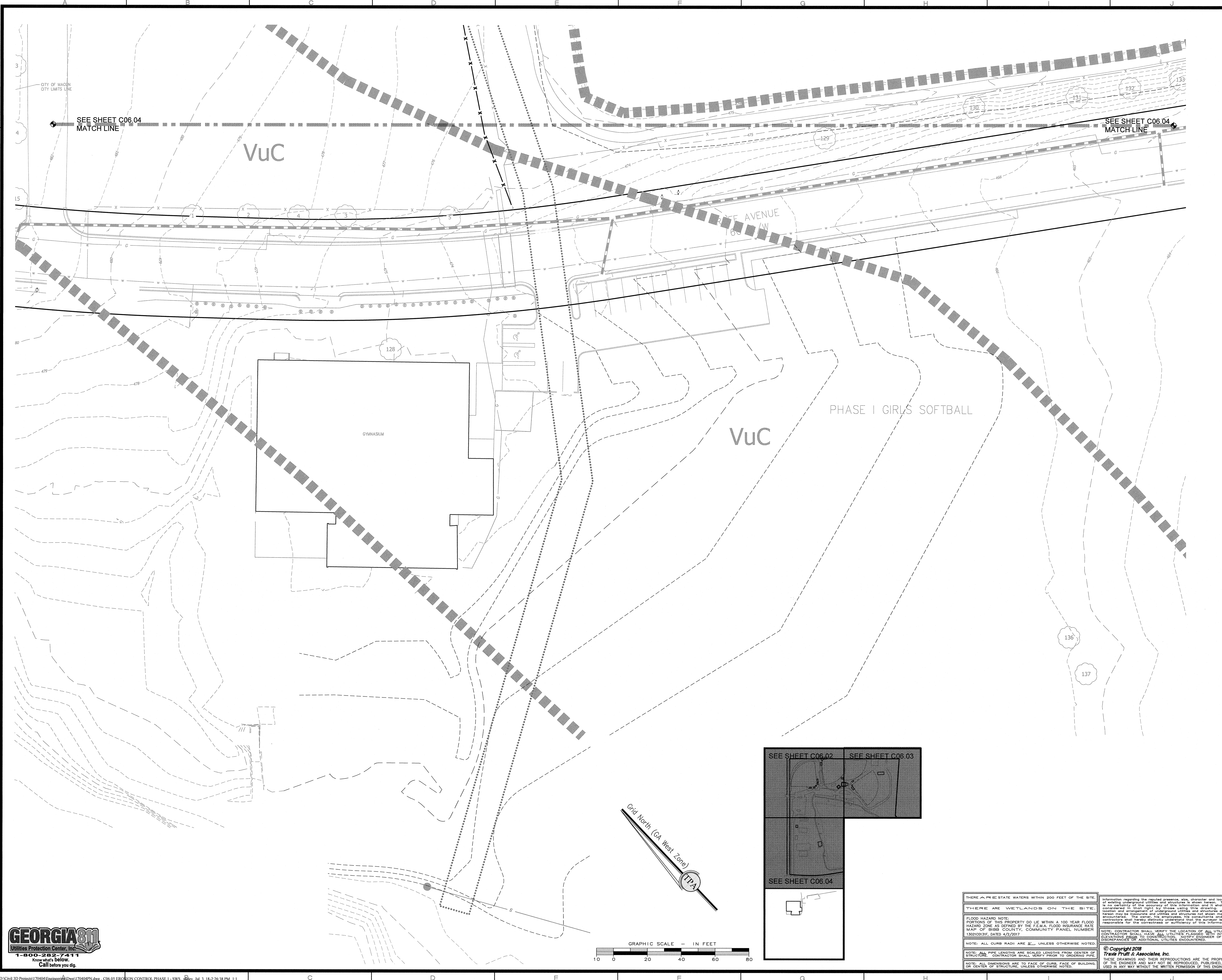

 For The Firm Travis Pruitt & Associates, Inc.

THERE ARE PRE-STATE WATERS WITHIN 200 FEET OF THE SITE.
 THERE ARE WETLANDS ON THE SITE.
 FLOOD HAZARD NOTE:
 PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DERIVED BY THE FEMA FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 1320103F, DATED 4/2/2007.
 NOTE: ALL CURB RADI ARE 2'-... UNLESS OTHERWISE NOTED.
 NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.
 NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

Information regarding the required drainage, size, character and location of existing underground utilities and structures is shown herein. These are considered in that light by those using this drawing. The location and depth of existing utilities and structures shown herein may be inaccurate and utilities and structures not shown may be encountered. The user of this information is the contractor and not responsible for the correctness or sufficiency of this information.
 NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES PLACED WITH MARKET ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL ENCOUNTERS OF ADDITIONAL UTILITIES ENCOUNTERED.
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DATE:	5/18/2018
SCALE:	1" = 20'
GN:	170404PN.DWG
LBV:	006-EC1
JN:	1-17-0404
FN:	212-E-197
INDEX No.	C06.04
SHEET No.	021






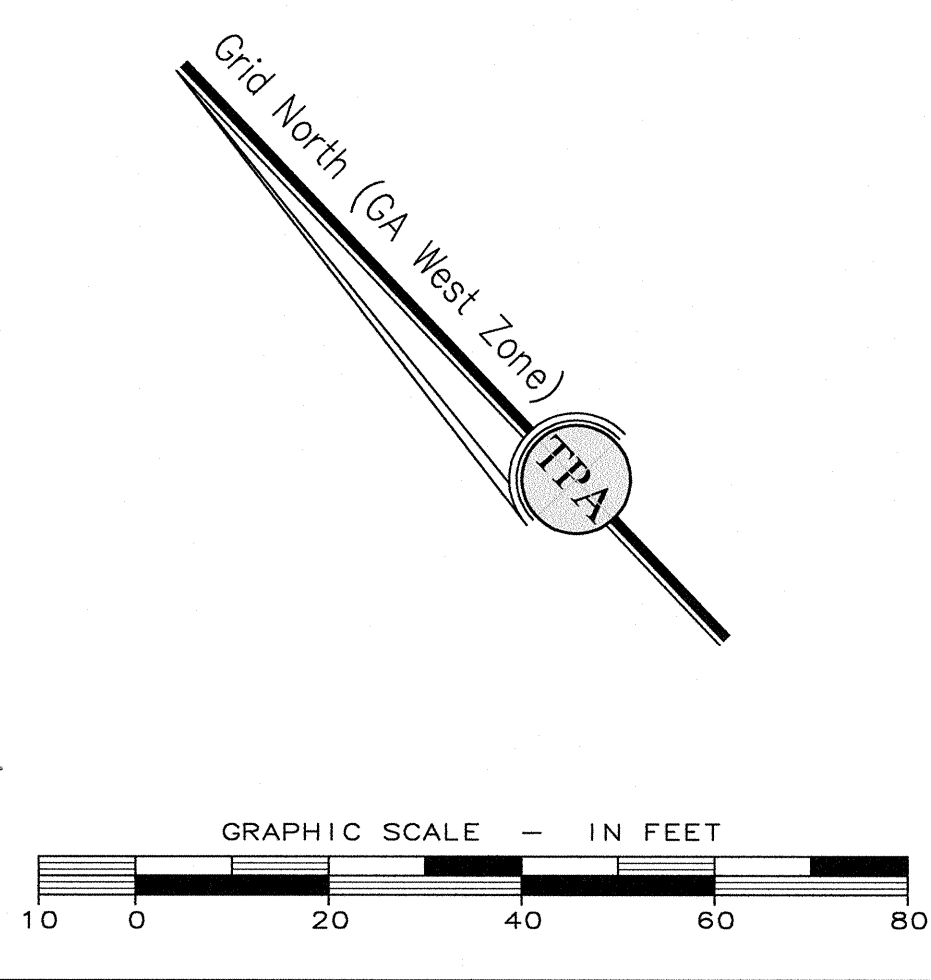
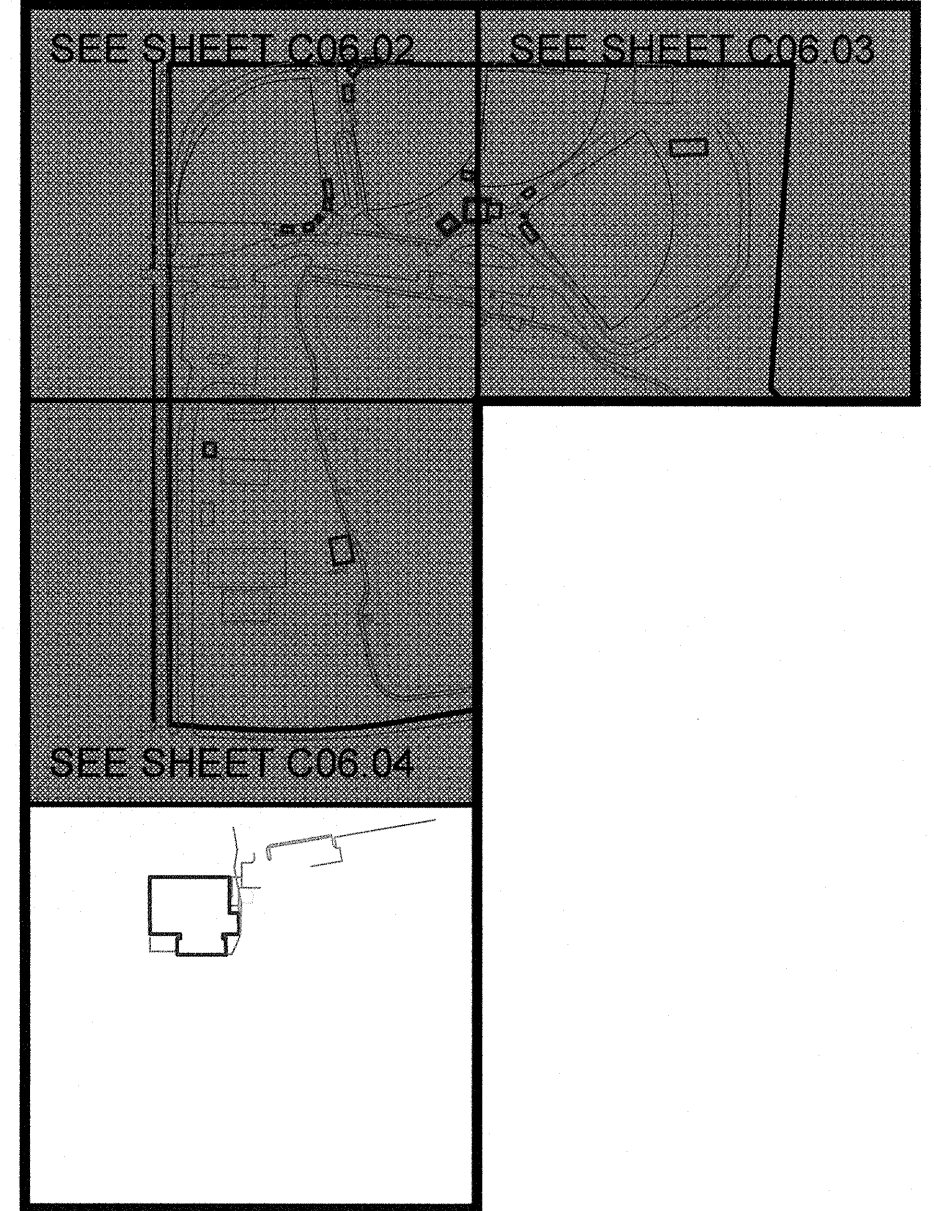
REVISIONS			
NO.	DATE	PROGRESS SET	DESCRIPTION
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3	07-03-18	ADDRESS REVIEW	COMMENTS
2	12/01/17	PROGRESS SET	
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 Contact Person: STEVE J BENNETT, PE

EROSION CONTROL PHASE 1 - SWS
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT


 For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	1" = 20'
CN:	170404PN.DWG
LV:	006-EC1
JN:	1-17-0404
FN:	212-E-197
INDEX No.	C06.05
SHEET No.	022



THERE ARE PRE-STATE WATERS WITHIN 200 FEET OF THE SITE.

THERE ARE WETLANDS ON THE SITE.

FLOOD HAZARD NOTE:
 PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DETERMINED BY THE FEMA FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 13021003F, DATED 4/2/2017.

NOTE: ALL CURB RADII ARE 2' UNLESS OTHERWISE NOTED.

NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.

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Information regarding the reported presence, size, character and location of existing underground utilities and structures is shown herein. There is no certainty of the accuracy of this information and it shall be considered on that basis only. Those using this drawing, with the exception of the engineer, shall verify the location and depth of all utilities and structures shown herein may be inaccurate and utilities and structures not shown may be encountered. The owner, his employees, his contractors and his contractors shall hereby disclaim responsibility for the accuracy or sufficiency of this information.

NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL MARK ALL UTILITIES PLACED WITH SURVEY ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.

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CENTRAL OF GEORGIA
RAILROAD
(00' R/W)

EROSION CONTROL LEGEND

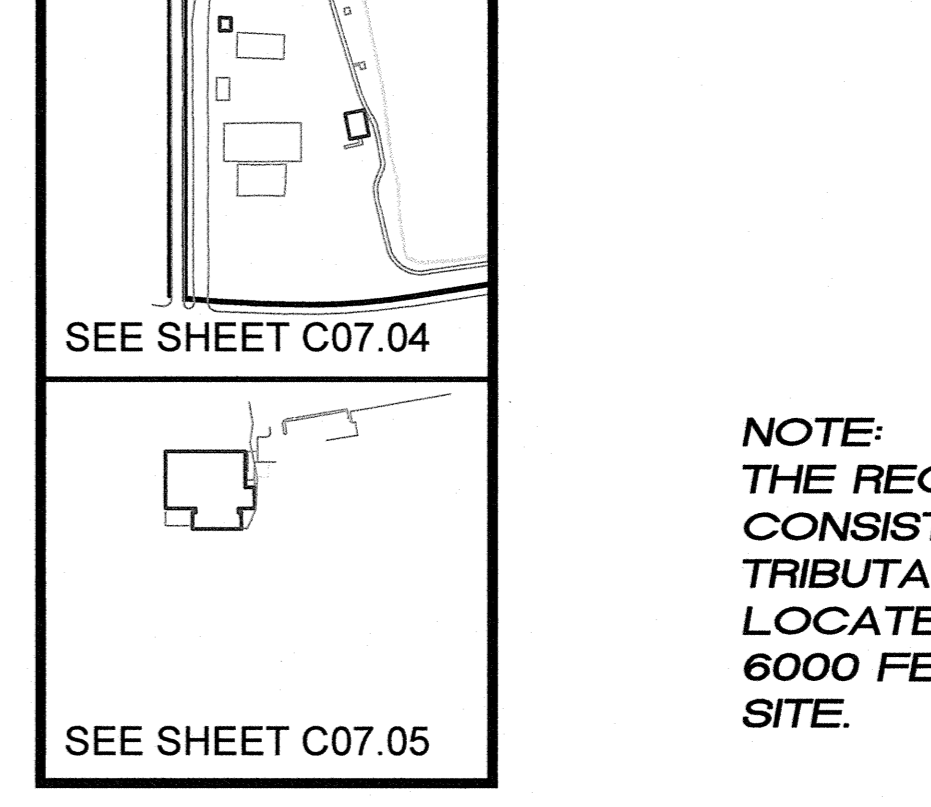
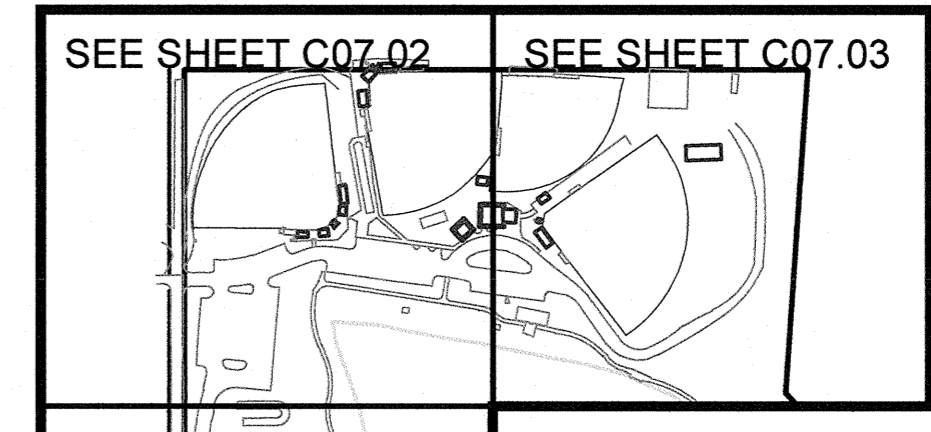
GA SWCC CODE	SYMBOL	DESCRIPTION
Bf	N/A	BUFFER ZONE
Ds1	N/A	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Ds2	N/A	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
Ds3	N/A	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)
Ds4	N/A	DISTURBED AREA STABILIZATION (WITH SOGDING)
Ds5	N/A	DUST CONTROL ON DISTURBED AREAS
FF-Co	N/A	FLOCCULANT AND COAGULANTS
Ss	N/A	STREAMBANK STABILIZATION (USING PERMANENT VEGETATION)
Ss	N/A	SLOPE STABILIZATION (EROSION CONTROL MATTING AND BLANKETS)
Tsc	N/A	TACKIFIERS
STRUCTURAL PRACTICES		
C4-H		HARABLE CHECK DAM
C4-S		STONE CHECK DAM
Ch		CHANNEL STABILIZATION
Co		CONSTRUCTION EXIT
Co		STREAM DIVERSION CHANNEL
Di		DIVERSION
Dn1		TEMPORARY DOWNDRAIN STRUCTURE
Dn2		PERMANENT DOWNDRAIN STRUCTURE
Fr		FILTER RING
LS		LEVEL SPREADER
Rd		RETAINING WALL
Rd		ROCK FILTER DAM
Rf		RETROFITTING (PERFORATED HALF-ROUND PIPE WITH STONE FILTER)
Sf-1		TYPE "S" SILT FENCE
Sf-2		TYPE "NS" SILT FENCE
Sf-3		INLET SEDIMENT TRAP WITH SUPPORTING FRAME
Sf-4		ROCK INLET PROTECTION
Sb		TEMPORARY SEDIMENT BASIN
Sb		TEMPORARY SEDIMENT TRAP OVERFLOW
Sb		TEMPORARY SEDIMENT TRAP COMBINATION STRAIN BALE AND SILT FENCE OUTLET
Sb		TEMPORARY SEDIMENT TRAP ROCK OUTLET
Sf		FLOATING SURFACE SKIMMER
Sd		STORM DRAIN OUTLET PROTECTION
Sr		SOIL ROUGHENING
Tr		TOPSOILING
Tr		TREE SAVE FENCE
N/A		LIMITS OF CONSTRUCTION
N/A		STREAM BUFFER
N/A		STREAM CENTERLINE
N/A		100 YEAR FLOOD LIMITS

LEGEND

Q	EXIST. POWER POLE
LP	EXIST. POWER POLE W/ GUY WIRE
LP	EXIST. LIGHT STANDARD
TR	EXIST. ELECTRICAL TRANSFORMER
WM	EXIST. WATER METER
WV	EXIST. WATER VALVE
US	EXIST. UNKNOWN UTILITY STRUCTURE
TM	EXIST. TELEPHONE MONUMENT
TB	EXIST. TELEPHONE BOX
GM	EXIST. GAS METER
GV	EXIST. GAS VALVE
SM	EXIST. SANITARY SEWER MANHOLE
SC	EXIST. CLEAN OUT
SB	EXIST. SANITARY SEWER BOX/STORM SEWER MANHOLE
CB	EXIST. CATCH BASIN
DI	EXIST. DRAIN INLET
SL	EXIST. STORM SEWER LINE
PL	EXIST. PLANNED END SECTION
S	EXIST. SANITARY SEWER LINE
P	EXIST. OVERHEAD POWER LINE
T	EXIST. OVERHEAD TELEPHONE LINE
UP	APPROX. LOCATION UNDERGROUND POWER LINE
UT	APPROX. LOCATION UNDERGROUND TELEPHONE LINE
UG	APPROX. LOCATION UNDERGROUND GAS LINE
WC	APPROX. LOCATION COLD WATER LINE
HW	APPROX. LOCATION HOT WATER LINE
STW	APPROX. LOCATION STEAM WATER LINE
XL	EXIST. FENCE LINE (AS NOTED)
XL	EXIST. SIGN (AS NOTED)
+	EXIST. TREE (AS NOTED)
+	TEMPORARY BENCHMARK (TBM)
+	CONCRETE MONUMENT FOUND
+	PROPERTY CORNER
+	FIELD LOCATED PIN (AS NOTED)
+85.25	EXIST. SPOT ELEVATION
+85.25	EXIST. CONTOUR ELEVATION
IPS	IRON PIN SET (1/2" REBAR)
P.O.B.	POINT OF BEGINNING
RT/W	RIGHT-OF-WAY
N/T	NOW OR FORMERLY
BSL	BUILDING SETBACK LINE
D.S.	DEED BOOK
PG	PAGE
TC	TOP OF CURB
BC	BOTTOM OF CURB
RCP	REINFORCED CONCRETE PIPE
CMP	CORRUGATED METAL PIPE
PVC	POLYVINYL CHLORIDE PIPE
DIP	DUCTILE IRON PIPE
HDPE	HIGH DENSITY POLYETHYLENE
INV.	INVERT
THRT	THROAT
CONC.	CONCRETE
C&G	CURB & GUTTER
S	NEW SANITARY SEWER LINE
CHW	NEW COLD WATER LINE
STW	NEW STEAM WATER LINE
F	NEW FIRE LINE
NW	NEW WATER LINE
G	NEW GAS LINE
SSM	NEW STORM SEWER
SG	NEW GATE VALVE
WF	NEW FIRE HYDRANT
NI	NEW DROP INLET
NH	NEW HEADWALL
NCS	NEW CATCH BASIN
NM	NEW MANHOLE
NCL	NEW CLEANOUT
NSP	NEW SPOT ELEVATION. ALL SPOT ELEVATIONS ALONG CURB ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED
NC	NEW CONTOUR
NPS	NEW NUMBER OF PARKING SPACES
NS	NEW STRUCTURE IDENTIFICATION
NS	SANITARY STRUCTURE IDENTIFICATION
NA	NEW ASPHALT PAVEMENT
NA	NEW CONCRETE SIDEWALK
NA	EXISTING PAVEMENT/ C&G TO BE REMOVED
NA	STRUCTURES/ ITEMS TO BE REMOVED
NA	TRAFFIC DIRECTION ARROWS (FOR INFORMATION ONLY)
NA	NEW HANDICAP SYMBOL

Soil Classification Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CK	Chewaola association	1.5	1.9%
UD	Urban land	7.6	9.8%
VUC	Vaucluse-Urban land complex, 2 to 8 percent slopes	40.8	52.7%
VuD	Vaucluse-Urban land complex, 8 to 15 percent slopes	21.5	27.7%
W	Water	6.1	7.8%
Totals for Area of Interest		77.6	100.0%



NOTE: THE RECEIVING WATERS CONSIST OF UNAMED TRIBUTARY TO ROCKY CREEK LOCATED APPROXIMATELY 6000 FEET NORTHEAST OF THE SITE.

THESE ARE PRE-STATE WATERS WITHIN 200 FEET OF THE SITE.
THERE ARE WETLANDS ON THE SITE.
FLOOD HAZARD NOTE: PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DETERMINED BY THE FEMA FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 130210015F, DATED 4/2/2007.
NOTE: ALL CURB RADI ARE 2' UNLESS OTHERWISE NOTED.
NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.
NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

Information regarding the proposed practices, size, character and location of all structures, utility lines, and structures is shown herein. These drawings are prepared by the engineer and contractor. The contractor shall be responsible for the accuracy and completeness of the information provided herein. The contractor shall be responsible for the accuracy and completeness of the information provided herein. The contractor shall be responsible for the accuracy and completeness of the information provided herein.
NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES PLACED WITH INVERT ELEVATIONS REFER TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
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3					
2	07-03-18	ADDRESS REVIEW COMMENTS			
1	12/01/17	PROGRESS SET			

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Contact Person: STEVE J BENNETT, PE

EROSION CONTROL - PHASE 2

FREEDOM PARK

BOYS BASEBALL FIELDS

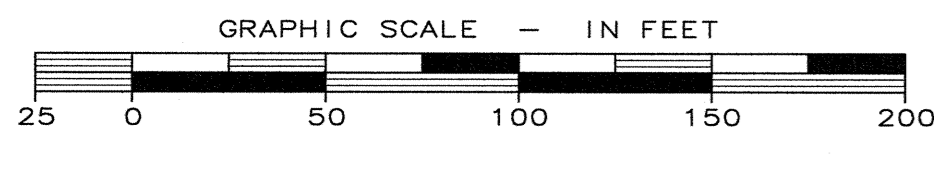
LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

GEORGIA REGISTERED PROFESSIONAL ENGINEER
LIFE JUBILEE 7-6-18

For The Firm Travis Pruitt & Associates, Inc.

DATE: 5/18/2018
SCALE: 1" = 50'
CN: 170404PN.DWG
LVB: EC-2
JN: 1-17-0404
FN: 212-E-197

INDEX No. C07.01
SHEET No. 023
No.



HOUSING AUTHORITY OF THE CITY OF MACON
TAX # 0071-9217

OUTLET PROTECTION SUMMARY

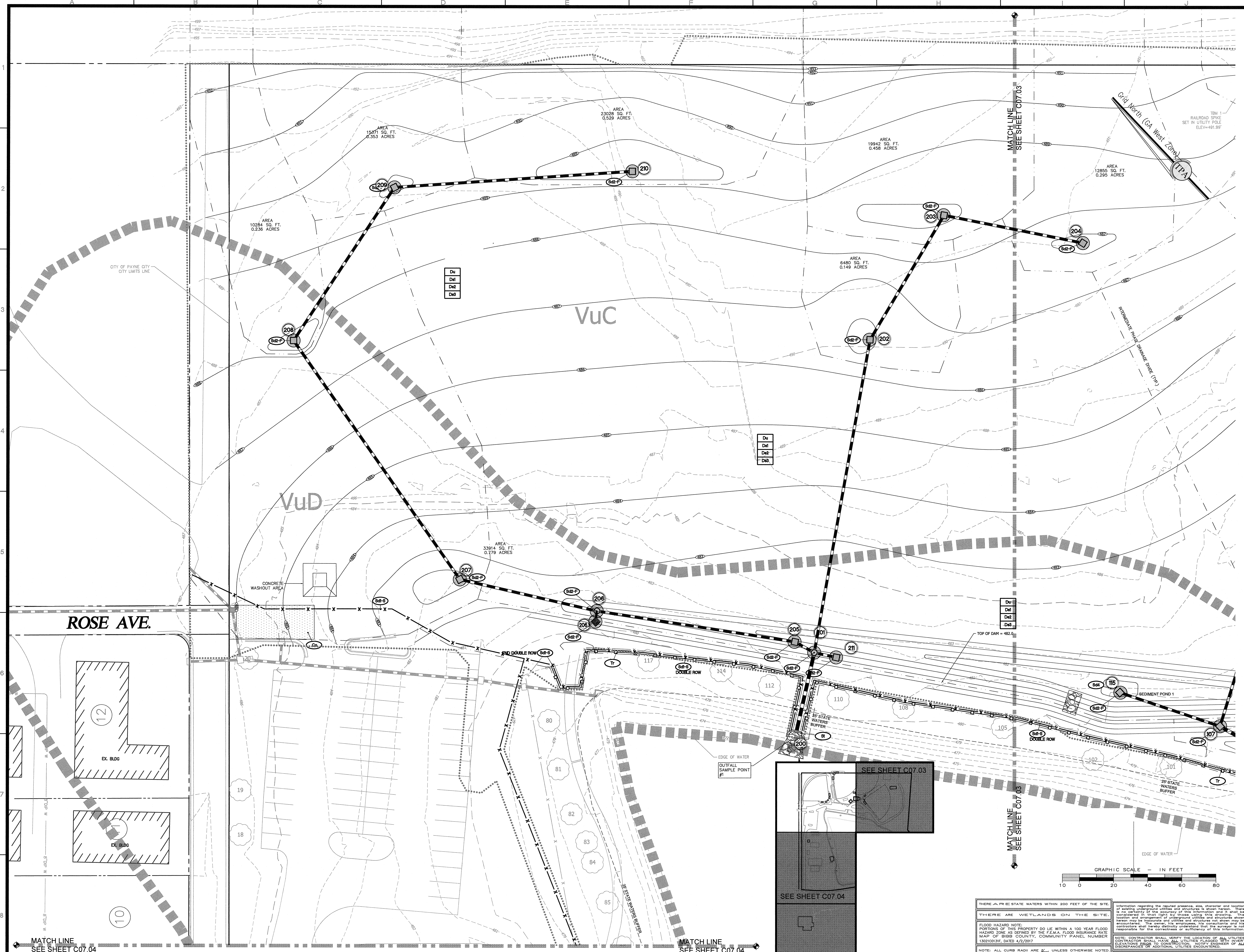
PIPE DIAMETER = 24"
25 YEAR FLOW RATE = 17.13 CFS
VELOCITY = 6.53 FPS
TAILWATER CONDITION = MIN.
APPROX LENGTH (L_a) = 13.0'
WIDTH AT HEADWALL (W₁) = 6.0'
DOWNSTREAM WIDTH (W₂) = 15'
AVG. STONE DIA. (S₅₀) = 0.5'
STONE DEPTH (D) = 1.5'

SEDIMENT POND 1

DRAINAGE AREA	SO. FEET
21268	1.93
4368	1.93
2468	1.93
4.97	1.93
1058	1.93
17000	1.93
626.6	1.93

SEDIMENT POND 2


DRAINAGE AREA	SO. FEET
1810	1.93
1.93	1.93
1.93	1.93
1.93	1.93
1.93	1.93
1.93	1.93
1.93	1.93



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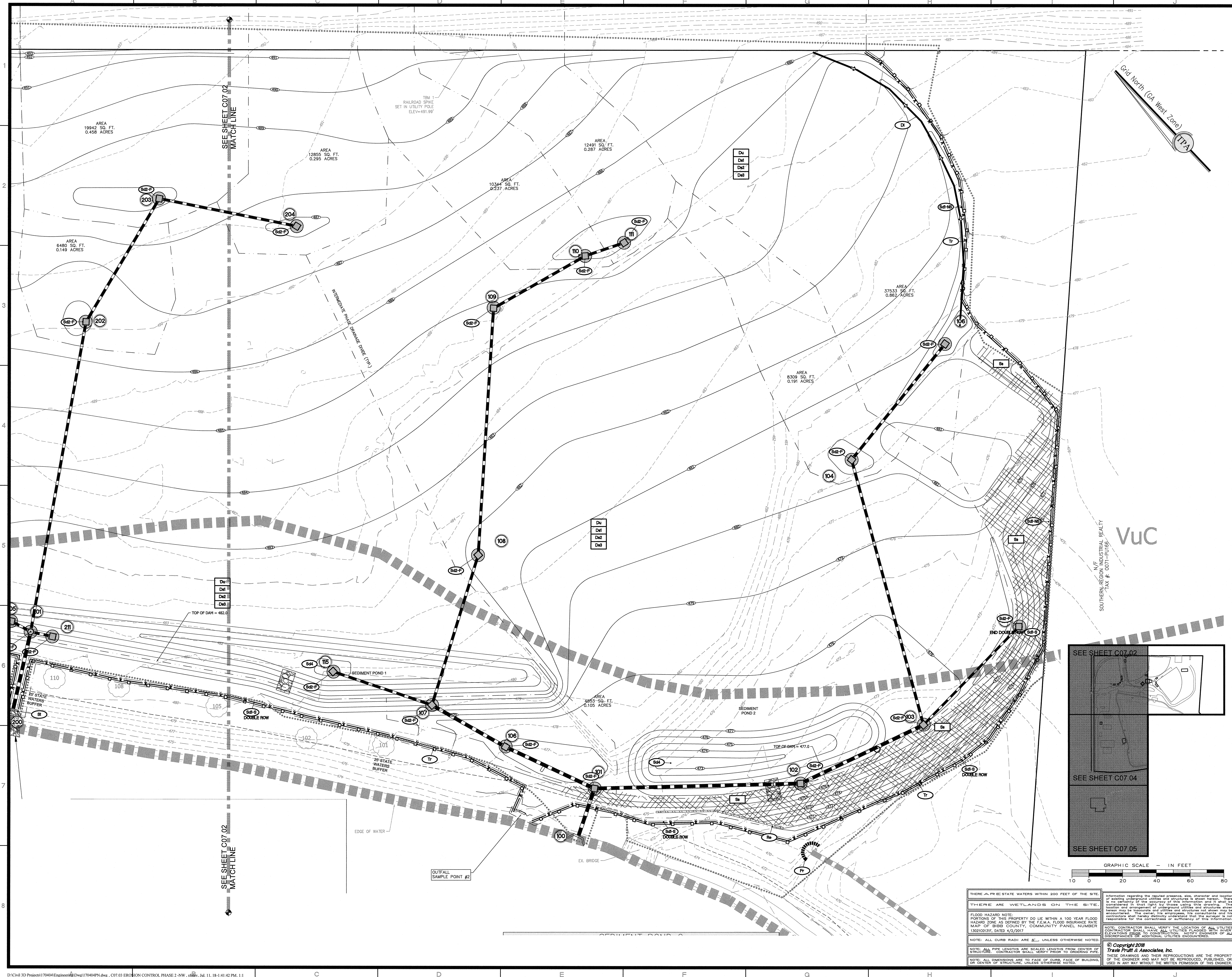
EROSION CONTROL PHASE 2 - NW
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT


 For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	1" = 20'
CN:	170404PN.DWG
LBV:	007-EC2
JN:	1-17-0404
FN:	212-E-197
INDEX No.	C07.02
SHEET No.	024

THERE ARE PRE-STATE WATERS WITHIN 200 FEET OF THE SITE.
 THERE ARE WETLANDS ON THE SITE.
 FLOOD HAZARD NOTE:
 PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DETERMINED BY THE FEMA FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 13021003F, DATED 4/2/2007.
 NOTE: ALL CURB RADII ARE 2'- UNLESS OTHERWISE NOTED.
 NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.
 NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

Information regarding the required presence, size, character and location of existing underground utilities and structures is shown herein. The contractor shall verify the accuracy of this information and it shall be considered to that effect by those using this drawing. The location and orientation of existing utilities and structures shown herein may be inaccurate and utilities and structures not shown may be encountered. The contractor, his employees, his subcontractors and his subcontractors shall be responsible for the accuracy and sufficiency of this information.
 NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES PLACED WITH SHORTEST ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
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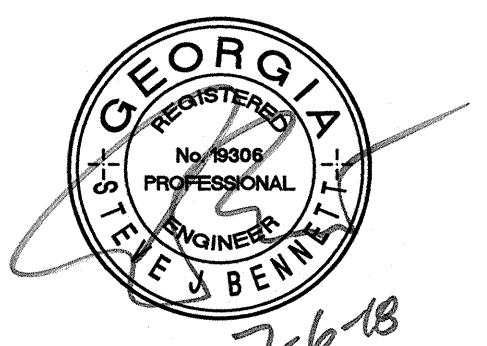


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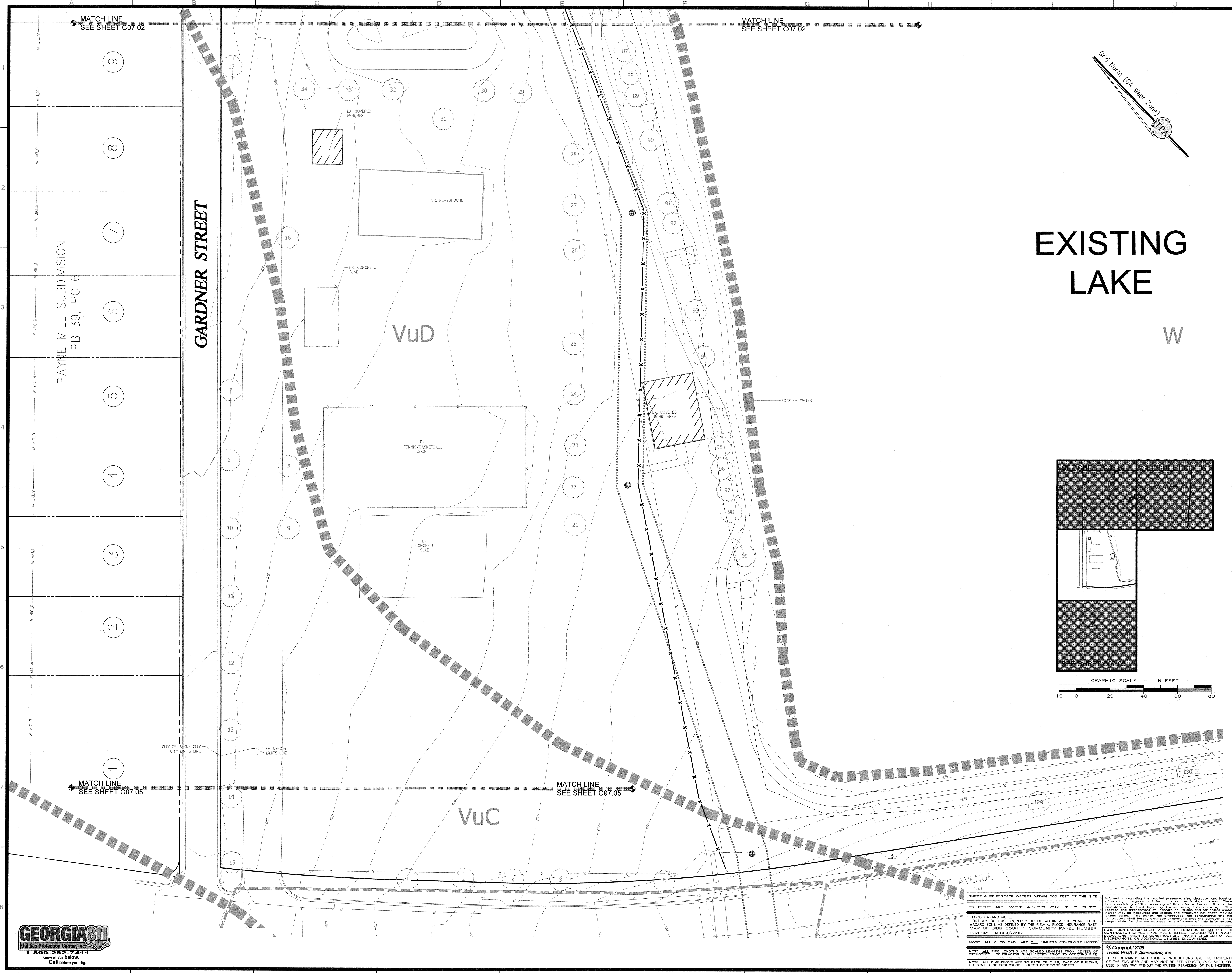
EROSION CONTROL PHASE 2 - NW
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT


 For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	1" = 20'
CN:	170404PN.DWG
LSV:	007-EC2
JN:	1-17-0404
FN:	212-E-197
INDEX No.	C07.03
SHEET No.	025

THERE ARE STATE WATERS WITHIN 200 FEET OF THE SITE.
 THERE ARE WETLANDS ON THE SITE.
 FLOOD HAZARD NOTE:
 PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DENIED BY THE FEMA FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 18030101, DATED 4/2/2007.
 NOTE: ALL CURB RADI ARE 2' UNLESS OTHERWISE NOTED.
 NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.
 NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

Information regarding the reported presence, size, character and location of existing underground utilities and structures is shown herein. These are considered in first light by those using this drawing. The location and placement of underground utilities and structures shown herein may be inaccurate and utilities and structures not shown may be encountered. The owner, the engineer, the contractor and the contractor shall be jointly and severally responsible for the accuracy and sufficiency of this information.
 NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES PLACED WITH INVERT ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
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1	12/01/17	PROGRESS SET	SGF

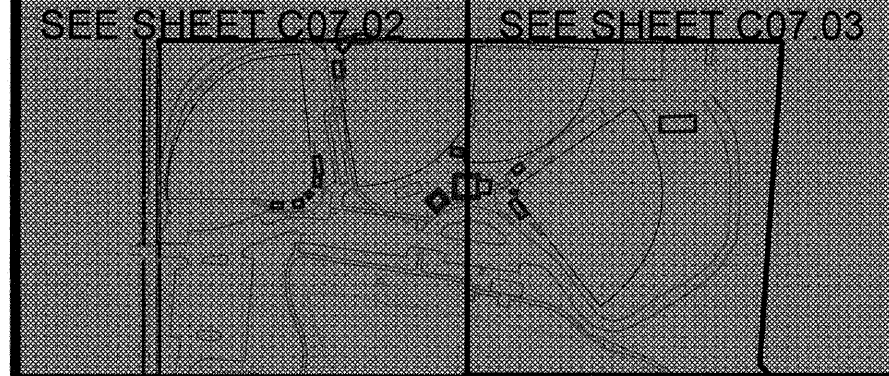

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EROSION CONTROL PHASE 2 - SW

FREEDOM PARK


BOYS BASEBALL FIELDS

 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

SEE SHEET C07.02 SEE SHEET C07.03

 SEE SHEET C07.05
 GRAPHIC SCALE - IN FEET
 10 0 20 40 60 80

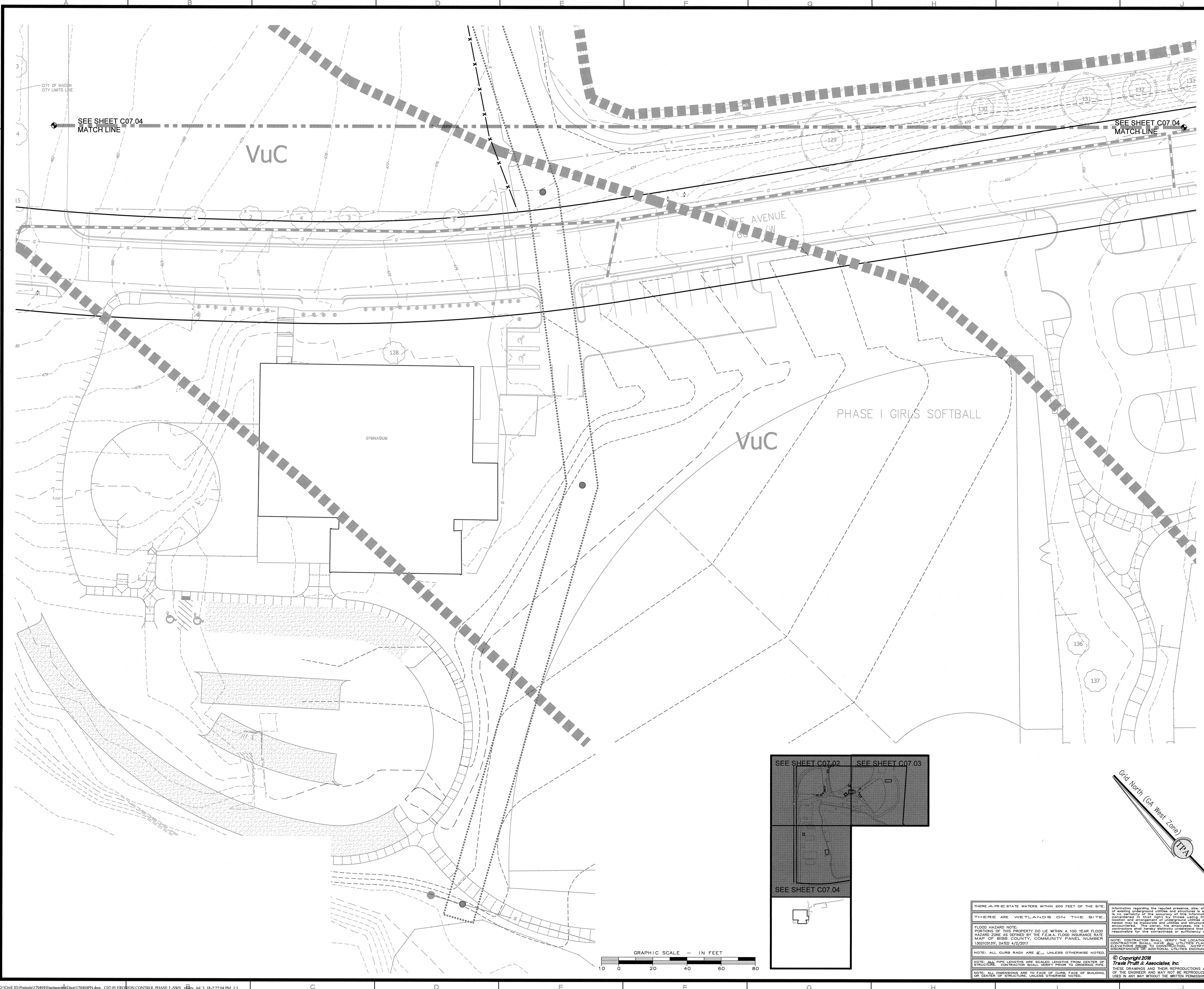
THERE ARE PRESTATE WATERS WITHIN 200 FEET OF THE SITE.
 THERE ARE WETLANDS ON THE SITE.
 FLOOD HAZARD NOTE:
 PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DEFINED BY THE FEMA FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 13021003F, DATED 4/2/2017.
 NOTE: ALL CURB RADI ARE 2' UNLESS OTHERWISE NOTED.
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 NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

Information regarding the required pressure, size, character and location of existing underground utilities and structures is shown hereon. There is no certainty of the accuracy of this information and it shall be considered as that shown on this drawing. This drawing, these notes and any other information shown hereon may be inaccurate and utilities and structures not shown may be encountered. The owner, his employees, his agents and his contractors shall verify the location of all utilities and structures prior to construction. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
 NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
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 For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	1" = 20'
DN:	170404PN.DWG
LSV:	007-ED2
JN:	1-17-0404
FN:	212-E-197
INDEX NO.	C07.04
SHEET NO.	026






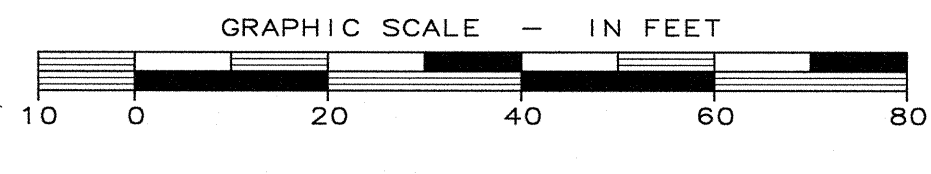
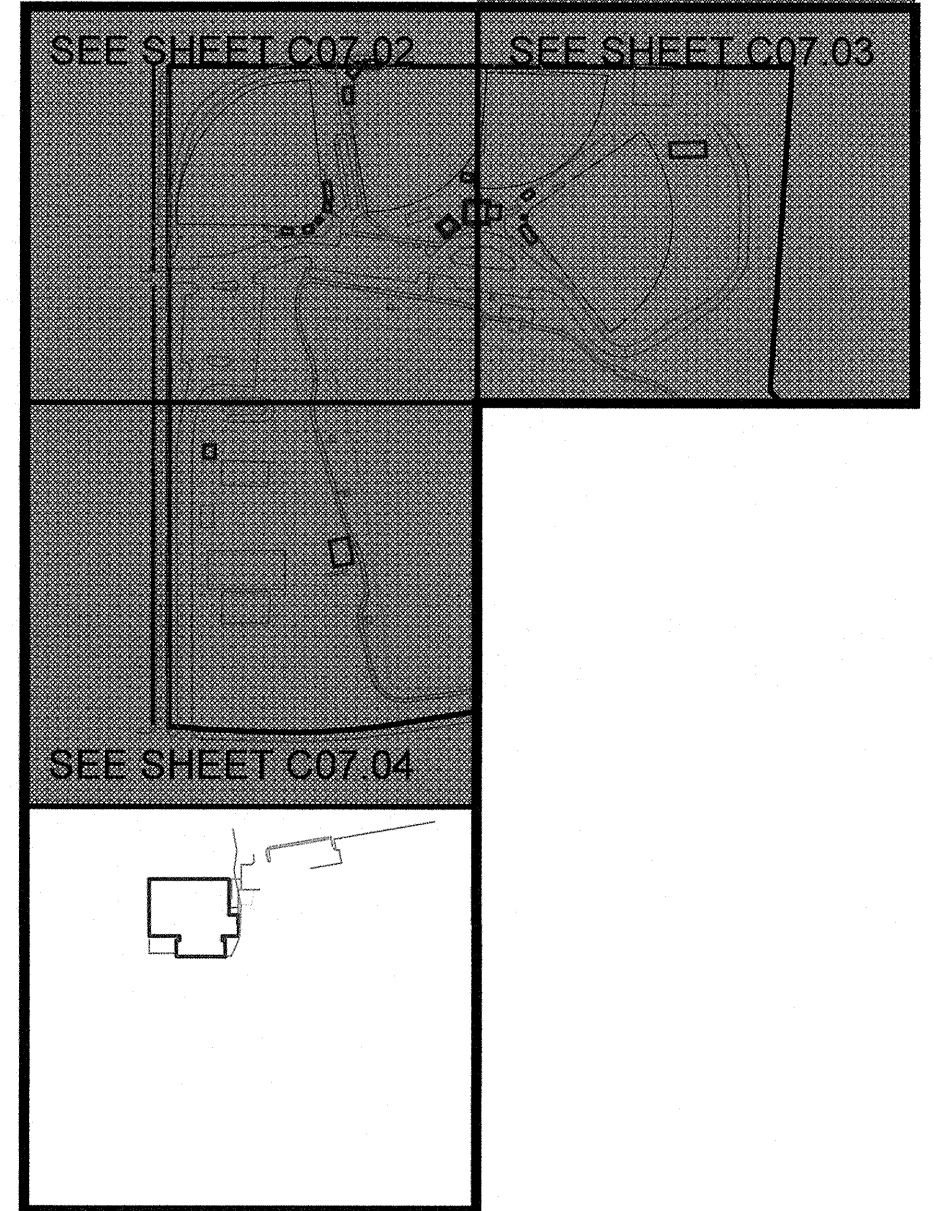
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EROSION CONTROL PHASE 2 -SWS
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

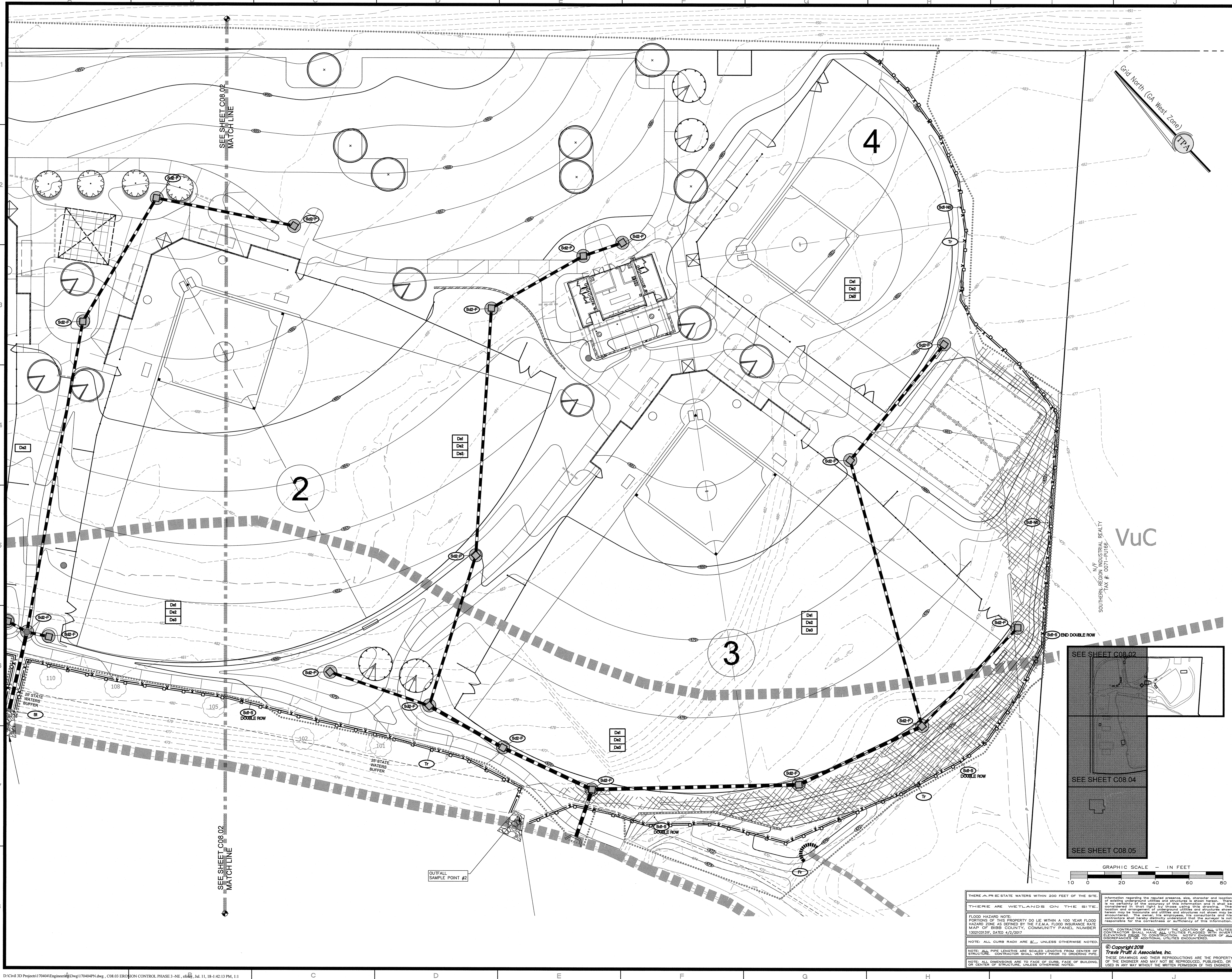

 For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/19/2018
SCALE:	1" = 20'
DN:	170404PN.DWG
LSV:	007-EC2
JN:	1-17-0404
FN:	212-E-197
INDEX NO.	C07.05
SHEET NO.	027



THERE ARE PRE-STATE WATERS WITHIN 200 FEET OF THE SITE.
 THERE ARE WETLANDS ON THE SITE.
 FLOOD HAZARD NOTE:
 PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DEFINED BY THE FEMA FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 13021003F, DATED 4/2/2017.
 NOTE: ALL CURB RADII ARE 2' UNLESS OTHERWISE NOTED.
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INFORMATION REGARDING THE REPORTED PRESSURE, SIZE, CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES IS SHOWN HEREON. THERE IS NO CERTAINTY OF THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED AT RISK TO THE USER. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
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2	07-03-18	ADDRESS REVIEW COMMENTS	SGF
1	12/01/17	PROGRESS SET	SGF

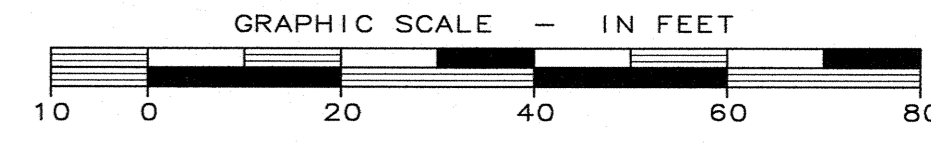
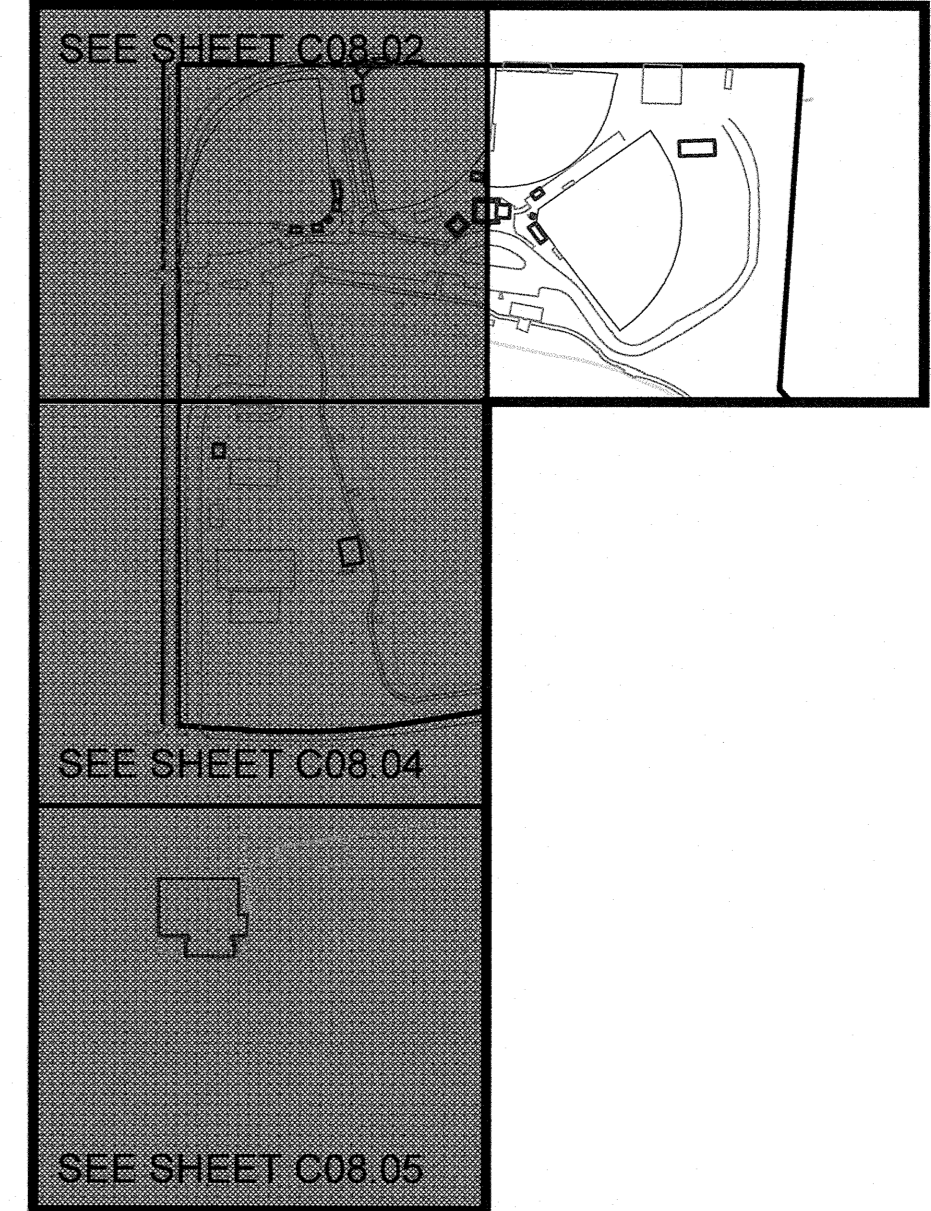

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EROSION CONTROL PHASE 3 - NE
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

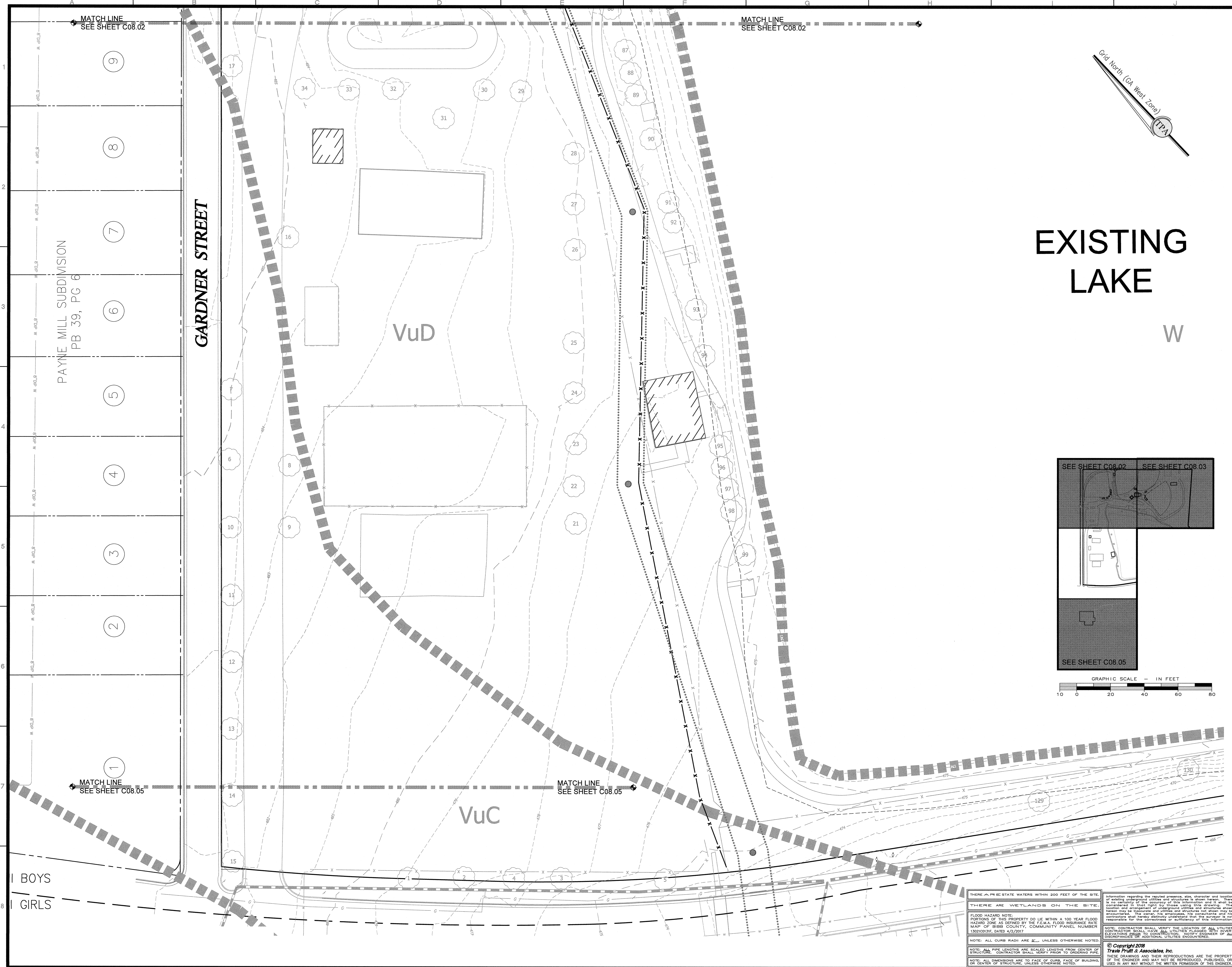

 For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	1" = 20'
CN:	170404PN.DWG
LSV:	008-EC3
JN:	1-17-0404
FN:	212-E-197
INDEX NO.	C08.03
SHEET NO.	030



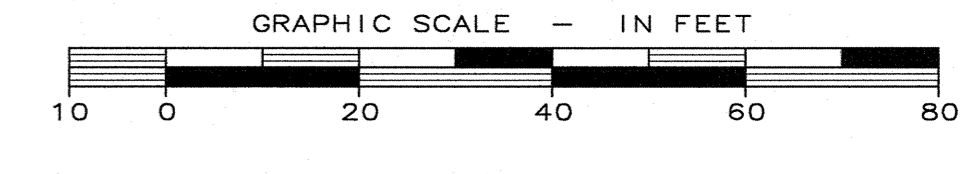
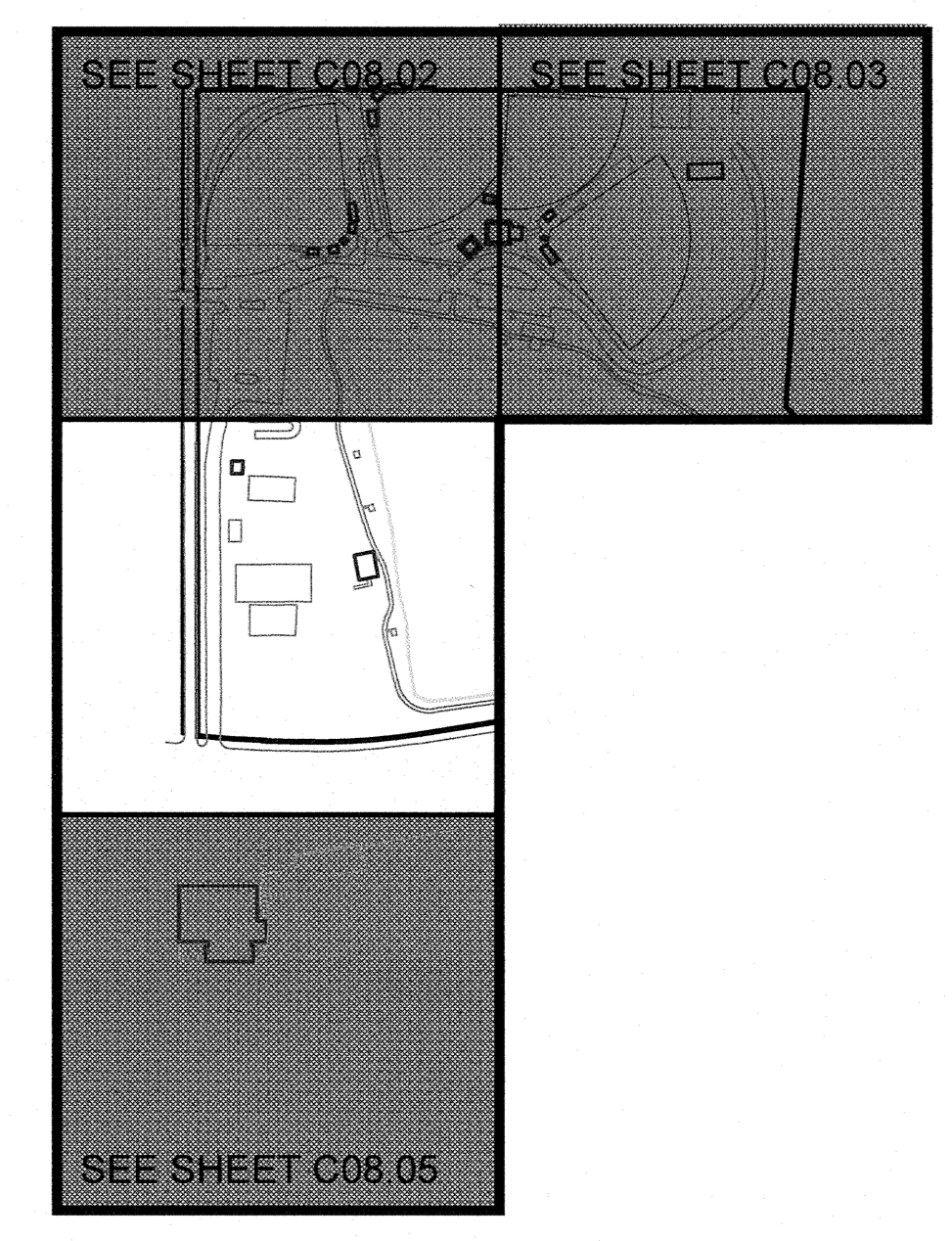
THERE ARE PRE-STATE WATERS WITHIN 200 FEET OF THE SITE.
 THERE ARE WETLANDS ON THE SITE.
 FLOOD HAZARD NOTE:
 PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DEFINED BY THE FEMA FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 330303DIF, DATED 4/2/2007.
 NOTE: ALL CURB RADI ARE 2' UNLESS OTHERWISE NOTED.
 NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.
 NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

INFORMATION REGARDING THE REPORTED PRESENCE, SIZE, CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES IS SHOWN HEREIN. THESE CONSIDERED IN THAT LIGHT BY THOSE USING THIS DRAWING. THE LOCATION AND DEPTH OF UNDERGROUND UTILITIES AND STRUCTURES SHOWN HEREIN MAY BE INACCURATE AND UTILITIES AND STRUCTURES NOT SHOWN MAY BE ENCOUNTERED. THE OWNER, HIS ENGINEER, HIS CONSULTANTS AND HIS CONTRACTOR SHALL VERIFY PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
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EXISTING LAKE


W



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NO.	DATE	DESCRIPTION	BY
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3	07-03-18	ADDRESS REVIEW COMMENTS	SGF
2	12/01/17	PROGRESS SET	SGF
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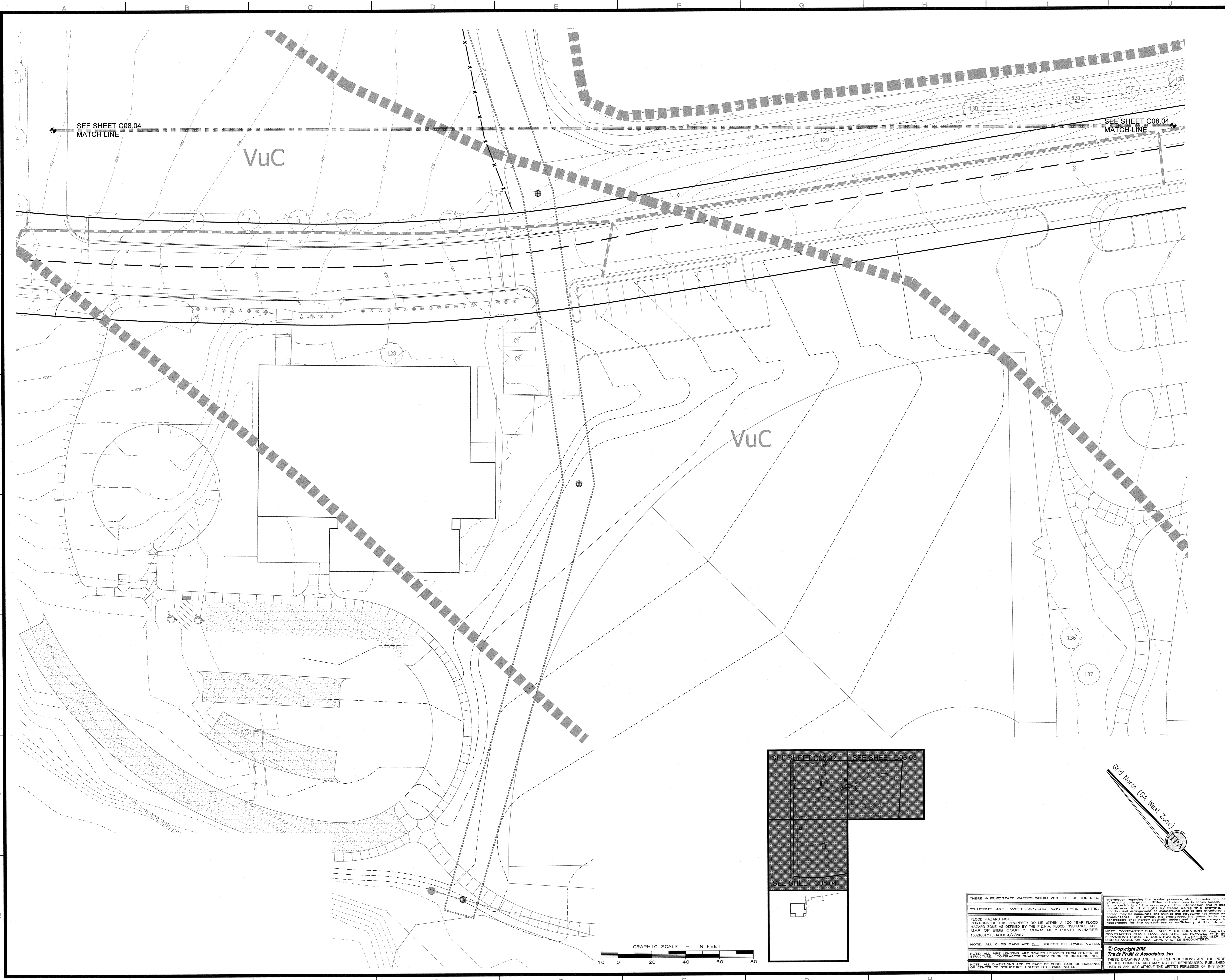
EROSION CONTROL PHASE 3 - SW
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT


 For The Firm Travis Pruitt & Associates, Inc.

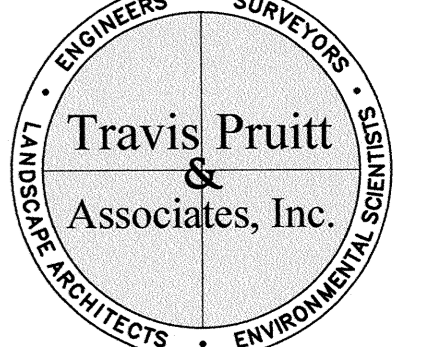
DATE:	5/18/2018
SCALE:	1" = 20'
CN:	170404PN.DWG
LBV:	008-EC3
FN:	1-17-0404
JN:	212-E-197
INDEX No.	C08.04
SHEET No.	031

THERE ARE PRECIPITATE WATERS WITHIN 200 FEET OF THE SITE.
 THERE ARE WETLANDS ON THE SITE.
 FLOOD HAZARD NOTE:
 PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DEFINED BY THE FEMA FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 1302003F, DATED 4/2/2017.
 NOTE: ALL CURB RADII ARE 2' UNLESS OTHERWISE NOTED.
 NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.
 NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.


Information regarding the required presence, size, character, and location of existing underground utilities and structures is shown herein. There is no warranty by the drafter of the information and it shall be considered the contractor's responsibility to verify the location, size, character, and depth of all utilities and structures prior to construction. The contractor shall be responsible for the correctness and sufficiency of this information.
 NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES FLAGGED WITH SURVEY ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
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REVISIONS			
NO.	DATE	DESCRIPTION	BY
7			
6			
5			
4			
3	07/03/18	ADDRESS REVIEW COMMENTS	SGF
2	12/01/17	PROGRESS SET	SGF
1			

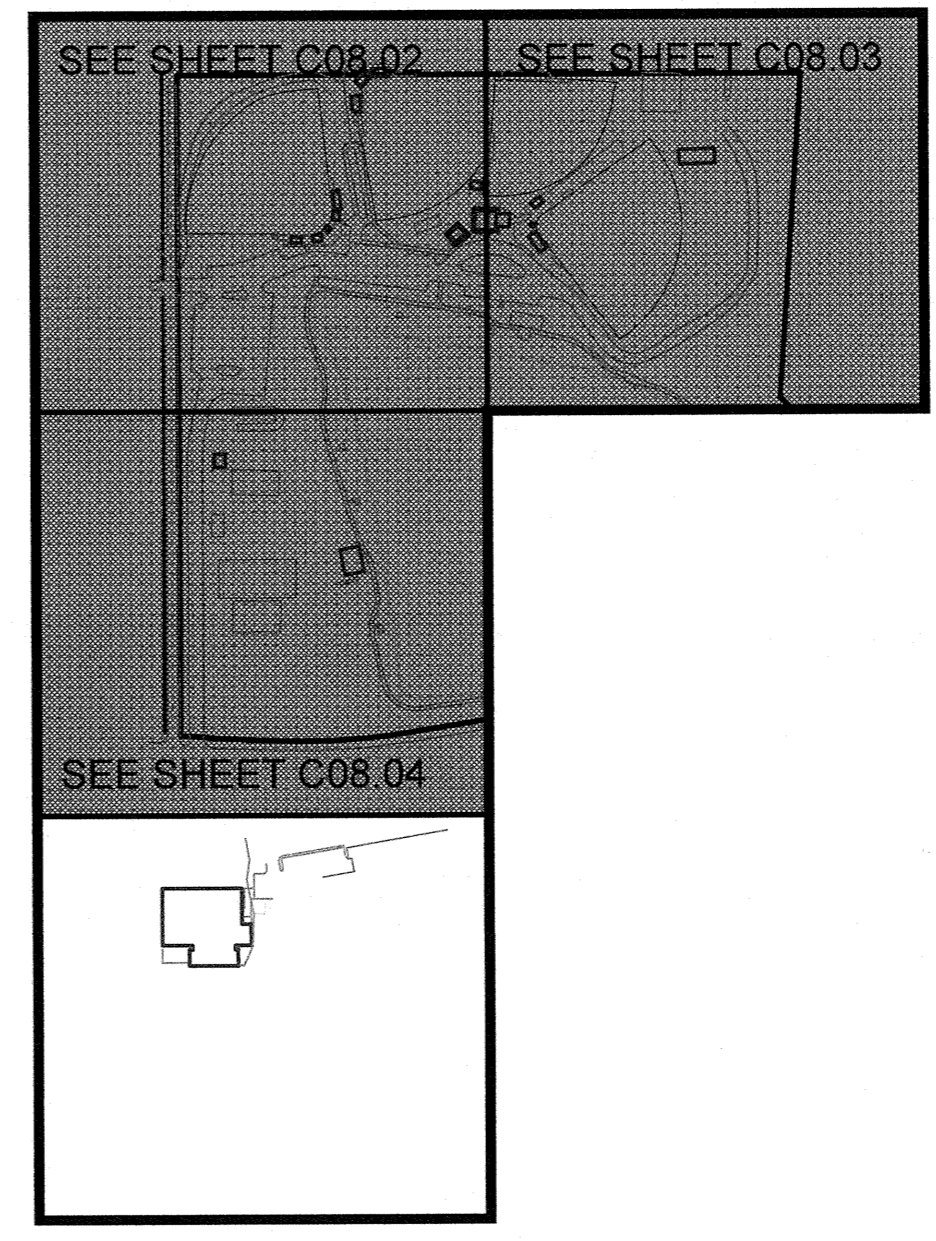

Travis Pruitt & Associates, Inc.
 4317 Park Drive, Suite 400
 Norcross, Georgia 30093
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 www.travispruitt.com
 Contact Person: STEVE J BENNETT, PE

EROSION CONTROL PHASE 3 - SWS
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2, AND 3 OF THE 11TH DISTRICT


 For The Firm Travis Pruitt & Associates, Inc.

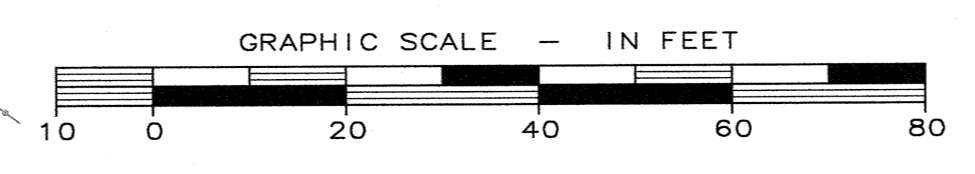
DATE:	5/18/2018
SCALE:	1" = 20'
DN:	170404PN.DWG
LBV:	00B-EC3
JN:	1-17-0404
FN:	212-E-197

INDEX
 No. **C08.05**
SHEET
 No. **032**



THERE ARE FREE STATE WATERS WITHIN 200 FEET OF THE SITE.
 THERE ARE WETLANDS ON THE SITE.
 FLOOD HAZARD NOTE:
 PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DEFINED BY THE FEMA FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 130210013H, DATED 4/2/2017.
 NOTE: ALL CURB RADII ARE 2', UNLESS OTHERWISE NOTED.
 NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO OPENING PIPE.
 NOTE: ALL DIMENSIONS ARE TO FACE OF CURB FACE OF BUILDING OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

Information regarding the required practices, size, character and location of existing underground utilities and structures is shown herein. There is no certainty of the accuracy of this information and it shall be considered on that basis only. Those utilities and structures whose location or depth is not shown on this drawing, whose location may be inaccurate and utilities and structures not shown may be encountered. The owner, his employees, his contractors and the contractor shall verify independently under their own responsibility for the correctness or sufficiency of this information.
 NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES CONTRACTOR SHALL VERIFY. ALL UTILITIES SHALL BE SHOWN WITH ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OF ADDITIONAL UTILITIES ENCOUNTERED.
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THE GENERAL CONTRACTOR IS RESPONSIBLE FOR WORK REQUIRED TO MEET THE PRIMARY PERMITTEE'S RESPONSIBILITIES.

THE PRIMARY PERMITTEE SHALL ENSURE THAT THE GENERAL CONTRACTOR PROVIDES EACH SUB-CONTRACTOR A COPY OF THE ESDP OR ALL APPLICABLE PORTIONS OF THE ESDP PRIOR TO THE SUB-CONTRACTOR COMMENCING ANY CONSTRUCTION ACTIVITY ON THE PROPERTY. THE GENERAL CONTRACTOR WILL ENSURE THAT THE SUB-CONTRACTOR UNDERSTANDS THEIR ROLE IN IMPLEMENTING THE PLAN. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY WORK PERFORMED BY THE SUB-CONTRACTOR. THERE ARE NO SECONDARY OR TERTIARY PERMITTEES FOR THIS PROJECT AS THE PROJECT IS A STANDALONE PROJECT.

PART I. COVERAGE UNDER THIS PERMIT

C. ELIGIBILITY.

- 1. CONSTRUCTION ACTIVITIES. This permit authorizes, subject to the conditions of this permit:
a. All discharges of storm water associated with stand alone construction projects that will result in land disturbance equal to or greater than one (1) acre occurring on or before, and continuing after, the effective date of this permit, (henceforth referred to as existing storm water discharges from construction activities) except for discharges identified in Part I.C.2.
b. All discharges of storm water associated with stand alone construction projects that will result in land disturbance equal to or greater than one (1) acre occurring after the effective date of this permit, (henceforth referred to as existing storm water discharges from construction activities)
c. Coverage under this permit is not required for discharges of storm water associated with minor land disturbing activities (such as home repairs and individual home landscaping, repairs, maintenance work, fences and other related activities) conducted within the 25 foot buffer along the banks of all State waters...
2. MIXED STORM WATER DISCHARGES. This permit only authorizes a storm water discharge from a construction site...

- 3. LIMITATIONS ON COVERAGE. The following storm water discharges from construction sites are not authorized by this permit:
a. Storm water discharges associated with an industrial activity that originates from the site after construction activities have been completed and the site has undergone final stabilization.
b. Discharges that are mixed with sources of non-storm water other than discharges which are identified in Part III.A.2. of this permit and which are in compliance with Part IV.D.7. (non-storm water discharges) of this permit.
c. Storm water discharges associated with industrial activity that are not subject to an existing NPDES permit or general permit. Such discharges may be authorized under this permit after an existing permit expires provided the existing permit did not establish numerical limitations for such discharges; and
d. Storm water discharges from construction sites that the Director (EPD) has determined to be or may reasonably be expected to be contributing to a violation of a water quality standard.

- 4. COMPLIANCE WITH WATER QUALITY STANDARDS. No discharges authorized by this permit will cause violations of Georgia's in-stream water quality standards as provided by the Rules and Regulations for Water Quality Control, Chapter 391-3-6-.03.
D. AUTHORIZATION.
1. Any person desiring coverage under this permit must submit a Notice of Intent (NOI) to the EPD and the NOI must be received by the EPD in accordance with the requirements of Part II, using NOI forms provided by the EPD (or an exact photocopy thereof), in order for storm water discharges from construction sites to be authorized.
2. Unless notified by the Director to the contrary, a permittee who submits an NOI in accordance with the requirements of this permit is authorized to discharge storm water from construction sites under the terms and conditions of this permit fourteen (14) days after the date that the NOI is postmarked. The Director may deny coverage under this permit and require submittal of an application for an individual NPDES permit or alternative general NPDES permit based on a review of the NOI or other information. Should the Director deny coverage under this permit, coverage under this permit is authorized until the date specified in the notice of denial by the Director.
3. Where a new permittee is to begin work on-site after an NOI for the facility/construction site has been submitted, that new permittee must submit a new NOI in accordance with Part II.

- E. CONTINUING OBLIGATIONS OF PERMITTEES.
Unless and until responsibility for a site covered under this permit is properly terminated according to the terms of the permit, the initial permittee remains responsible for compliance with all applicable terms of the permit and for any violations of said terms.
PART II. NOTICES OF INTENT REQUIREMENTS
A. DEADLINES FOR INTENTIFICATION.
1. Owners or Operators or both who intend to obtain coverage under this general permit for storm water discharge from a construction site (where construction activities begin after issuance of this permit), shall submit a Notice of Intent (NOI) in accordance with the requirements of this part at least fourteen (14) days prior to the commencement of construction activities.
2. For sites where construction activities, subject to this permit, are occurring on the effective date of this permit, the Owner or Operator or both shall submit a Notice of Intent (NOI) for an existing construction site in accordance with the requirements of this part no later than ninety (90) days after the effective date of this permit. Failure to comply with this requirement shall constitute a violation of the Georgia Water Quality Control Act for each day until the Owner or Operator or both submit an initial NOI for a new construction site in accordance with Part I.E.1. and comply with the special conditions in Part III.
3. Where a new permittee is to begin work on-site after an NOI for the facility/construction site has been submitted, that new permittee must submit a new NOI in accordance with Part II.
F. CONTINUING OBLIGATIONS OF PERMITTEES.
Unless and until responsibility for a site covered under this permit is properly terminated according to the terms of the permit, the initial permittee remains responsible for compliance with all applicable terms of the permit and for any violations of said terms.

- G. DISCHARGES INTO, OR WITHIN ONE MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT.
Any Permittee who intends to obtain coverage under this permit for storm water discharge associated with construction activity into an Impaired Stream Segment, or within one (1) linear mile upstream of and within the same watershed as, any portion of an Impaired Stream Segment identified as "not supporting" its designated use(s), as shown on Georgia's "most current," 302(b)/303(g) List Documents ("Final") at the time of NOI submittal, must satisfy the requirements of Part III.C of this permit. If the Impaired Stream Segment has been listed for criteria violations, "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macroinvertebrate Community), within Category 4a, 4b, or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff). These discharges that are located within one (1) linear mile of an Impaired Stream Segment, but are not located within the watershed of any portion of that stream segment, are excluded from this requirement. Georgia's 2008 and subsequent 302(b)/303(g) List Documents ("Final") can be viewed on the EPD website, www.epd.org/documents/302a.htm.
1. If a Total Maximum Daily Load (TMDL) implementation Plan for sediment has been finalized at least six (6) months prior to the permittee's submittal of the NOI, the Erosion, Sedimentation and Pollution Control Plan (Plan) must address any site-specific conditions or requirements included in the NOI implementation plan that are applicable to the permittee's discharge(s) to the Impaired Stream Segment within the timeframe specified in the TMDL implementation Plan. If the TMDL implementation Plan establishes a specific numerical wasteload allocation that applies to a permittee's discharge(s) to the Impaired Stream Segment, the permittee must incorporate that allocation into the Erosion, Sedimentation and Pollution Control Plan and implement all necessary measures to meet that allocation. A list of TMDL implementation Plans can be viewed on the EPD website, www.epd.org.
2. In order to ensure that the permittee's discharge(s) do not cause or contribute to a violation of State water quality standards, the plan must include at least four (4) of the following best management practices (BMPs) for those areas of the site which discharge into or within one (1) linear mile upstream and within the same watershed as the Impaired Stream Segment:
a. Increase of temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.
b. Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.
c. A large sign (minimum 4 feet x 8 feet) must be on the site on the actual start date of construction, visible from a public roadway identifying the construction site, the permittee(s), and the contact person(s) and telephone number(s) until a NOI has been submitted.
d. Use onionic polyacrylamide (PAM) and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with part III.E.1. of this permit.
e. Conduct turbidity and total suspended solids (TSS) sampling after every rain event of 0.5 inch or greater within any 24 hour period, recognizing the exceptions specified in Part IV.D.6.d. of this permit.
f. Comply with the applicable end-of-pipe turbidity effluent limit, without the "BMP defense" as provided for in O.C.G.A. 12-1-76.(9).
g. Reduce the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must include the Plan.
h. Limit the amount of area disturbed at any one time to be greater than 25 acres or 50% of the total planned site, whichever is less. All calculations must be included on the plan.
i. Use "Dirt It" techniques available on the EPD website, www.gowepd.org, (e.g., seep berms, sand filters, anionic PAM) to move and manage all construction storm water runoff (including sheet flow). All calculations must be included on the Plan.
j. Add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth of 6 (six) inches to document improved levels of soil carbon after final stabilization of the construction site.
k. Use mulch filter berms, in addition to a silt fence, on the site perimeter wherever construction storm water (including sheet flow) may be discharged. Mulch filter berms cannot be used on a concrete flow or area under construction flow.
l. Apply the appropriate Georgia Department of Transportation approved erosion control matting or blankets or mulch filter matrix to all slopes greater than 3:1. All graphical illustrations must be included on the plan.
m. Use appropriate erosion control matting or blankets instead of concrete in construction storm water ditches and storm drainages designed for a 25 year, 24-hour rainfall event.
n. Use anionic PAM under a passive dosing method (e.g., flocculant blocks) within construction storm water ditches and storm drainages that feed into temporary sediment basins and retrofitted management basins.
o. Install sod for a minimum 20 foot width, (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever construction storm water (including sheet flow) may be discharged.
p. Conduct soil tests to identify and to implement site-specific fertilizer needs.
q. Certified personnel shall conduct inspections at least once every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part IV.D.4.a.(3), (4) - (6) of this permit.
r. Apply the appropriate compact blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.
s. Use alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by a design professional (unless disapproved by the EPD) in accordance with Part IV.D.4.a.(3), (4) - (6) of this permit.
t. Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must be included in the Plan.

- H. PROHIBITION ON NON-STORM WATER DISCHARGES.
1. Except as provided in Part I.C.2. and III.A.2., all discharges covered by this permit shall be composed entirely of storm water.
2. The following non-storm water discharges may be authorized by this permit provided the non-storm water component of the discharge is explicitly listed in the Erosion, Sedimentation and Pollution Control Plan and is in compliance with Part IV.D.7. discharges from fire fighting activities, fire hydrant flushing, potable water sources including water flushing, irrigation drainage, air conditioning condensate, springs, uncontaminated ground water, and foundation or footing drains where flows are not contaminated with process materials or pollutants. This permit does not authorize the discharge of seeps or solvents used in vehicle and equipment washing.
3. This permit does not authorize the discharge of wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials.
I. RELEASES IN EXCESS OF REPORTABLE QUANTITIES.
1. The discharge of hazardous substances or oil in the storm water discharge(s) from a site shall be prevented. This permit does not relieve the permittee of the reporting requirements of Georgia's Oil or Hazardous Material Spills or Releases Act (O.C.G.A. §§12-1-2, et seq.), 40 CFR part 117 and 40 CFR part 302, where a release containing a hazardous substance in an amount equal to or in excess of a reporting quantity established under either Georgia's Oil or Hazardous Material Spills or Releases Act (O.C.G.A. §§12-1-2, et seq.), 40 CFR 117 or 40 CFR 302 occurs during a 24 hour period, the Permittee is required to notify the Director (EPD) by telephone at (404) 465-4863 or (800) 241-4113 and the National Response Center (NRC) at (800) 424-8802 in accordance with the requirements of Georgia's Oil or Hazardous Material Spills or Releases Act (O.C.G.A. §§12-1-2, et seq.), 40 CFR 117 and 40 CFR 302 as soon as he/she has knowledge of the discharge.
2. This permit does not authorize the discharge of any hazardous substances or oil resulting from an on-site spill. A spill is reportable if it is a spill of a hazardous substance above the reportable quantity listed in 40 CFR 302.4 or a spill of a petroleum product which reacts with waters of the state (including surface waters, storm sewers and drainage ditches) and causes a sheen. The Contractor is responsible for cleanup of spilled materials, even if the spill is not a reportable incident.
3. The Contractor shall be disposed of in the manner specified by local, state and/or federal regulation and by the manufacturer of such products. The job site superintendent, who will also be responsible for seeing that these practices are followed, will instruct site personnel in these practices. Material Safety Data Sheets (MSDS) for such substances that is used on the job site will be obtained and used for the proper management of potential wastes that may result from these products. An MSDS for each product will be posted in the immediate area where such product is stored and/or used and another copy of each MSDS will be maintained in the ESDP file at the job site construction trailer. The contractor shall ensure that all employees who must handle a substance with hazardous properties will be instructed on the use of MSDS sheets and the specific information in the applicable MSDS for product he/she is using, particularly regarding spill control techniques.
4. The Contractor will implement the Spill Prevention Control and Countermeasures (SPCC) Plan found within this ESDP and will train all personnel in the proper cleanup and handling of spilled materials. No spilled hazardous waste or hazardous residue in minor soil erosion) conducted outside of the 25 foot buffer along the banks of all State waters classified as "trout streams" requiring a buffer on individual residential lots sold to homeowners where all planned construction activities that have been completed and have undergone final stabilization.

INVENTORY FOR POLLUTION PREVENTION PLAN

The following materials are expected onsite during construction: Concrete products, lumber, asphalt, petroleum based fuels and lubricants for equipment, fuel, metal building materials, lumber, shad rods, floor coverings, electrical wire and fixtures, paints/stains/finishing treatments, paints, paint solvents, additives for soil stabilization, cleaning solvents, pesticides, fertilizers, herbicides, crushed stone, plastic, roofing shingles, masonry block and metal pipes.

SPILL PREVENTION

Practices such as good housekeeping, proper handling of hazardous products and proper spill control practices will be followed to reduce the risk of spills and spills from discharging into storm water runoff.

GOOD HOUSEKEEPING

- 1. Quantities of products stored onsite will be limited to the amount needed for the job.
2. Products and materials will be stored in a neat, orderly manner in appropriate containers protected from rainfall, where possible.
3. Products that will be kept in their original containers with manufacturer labels legible and visible.
4. Product mixing, disposal and disposal of product containers will be according to the manufacturer's recommendations.
5. The Contractor will inspect such materials to ensure proper use, storage, and disposal.

PRODUCT SPECIFIC PRACTICES

Petroleum Based Products - Containers (or products such as fuels and lubricants and tars) will be inspected daily for leaks and spills. This includes on-site vehicle and machinery daily inspections and regular preventive maintenance of such equipment. Equipment maintenance areas will be located away from state water, natural drains and storm water drainage inlets. In addition, temporary leaching tanks shall have a secondary containment liner to prevent/minimize site contamination. Discharge of oils, fuels and lubricants is prohibited. Proper disposal methods will include collection in a suitable container and disposal as required by local and State regulations.

Paints/Finishes/Solvents - All products will be stored in tightly sealed original containers when not in use. Excess products and product containers will be disposed of according to manufacturer's specifications and recommendations.

Concrete Truck Washing - NO concrete trucks will be allowed to wash out or discharge surplus concrete or drum wash water onsite. The washdown of concrete trucks, concrete mixer chutes, hoppers and rear of vehicles should only be performed in a designated concrete washout area.

Fertilizer/Herbicides - These products will be applied at rates that do not exceed the manufacturer's specifications or above the guidelines set forth in the crop establishment or in the ISWCC Manual for Erosion and Sediment Control in Georgia. Any storage of these materials will be under roof in sealed containers.

Building materials - No building or construction materials will be buried or disposed of onsite. All such material will be disposed of in proper waste disposal practices.

SPILL CONTROL PRACTICES

In addition to good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

Local, State, Federal and manufacturer's recommended methods for spill cleanup will be clearly posted and procedures will be made available to all site personnel. Site personnel will be made aware of the procedures and the location of the information and cleanup supplies. The spill area will be kept well ventilated and personnel will wear appropriate protective clothing from contact with any hazardous substance. The 24-hour emergency contact will be the spill prevention and cleanup coordinator. He will designate at least three other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel will be posted in the material storage area and in the onsite office trailer.

Material and equipment necessary for spill cleanup will be kept in onsite material storage areas. Typical materials and equipment includes, but is not limited to, brooms, dustpans, rags, rags, gloves, goggles, cat litter, sand, sudsowd and properly labeled plastic and metal waste containers.

Spill prevention practices and procedures will be reviewed after a spill and adjusted as necessary to prevent future spills. Spill prevention procedures will include measures to prevent type of spill from recurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.

All spills will be cleaned up immediately upon discovery. All spills will be reported as required by local, State and Federal regulations. Spills of toxic or hazardous material will be reported to the appropriate State or local government agency, regardless of the size.

FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675. www.nrc.uscg.mil
FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675. www.nrc.uscg.mil

FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD WILL BE CONTACTED WITHIN 24 HOURS.

FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

The Contractor shall notify the licensed professional who prepared this Plan if more than 1320 gallons of petroleum is stored onsite (this includes capacities of equipment) or if any one piece of equipment has a capacity greater than 600 gallons. The licensed professional will conduct a Spill Prevention Containment and Countermeasures Plan prepared by that licensed professional.

- C. DISCHARGES INTO, OR WITHIN ONE MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT.
Any Permittee who intends to obtain coverage under this permit for storm water discharge associated with construction activity into an Impaired Stream Segment, or within one (1) linear mile upstream of and within the same watershed as, any portion of an Impaired Stream Segment identified as "not supporting" its designated use(s), as shown on Georgia's "most current," 302(b)/303(g) List Documents ("Final") at the time of NOI submittal, must satisfy the requirements of Part III.C of this permit. If the Impaired Stream Segment has been listed for criteria violations, "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macroinvertebrate Community), within Category 4a, 4b, or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff). These discharges that are located within one (1) linear mile of an Impaired Stream Segment, but are not located within the watershed of any portion of that stream segment, are excluded from this requirement. Georgia's 2008 and subsequent 302(b)/303(g) List Documents ("Final") can be viewed on the EPD website, www.epd.org/documents/302a.htm.
1. If a Total Maximum Daily Load (TMDL) implementation Plan for sediment has been finalized at least six (6) months prior to the permittee's submittal of the NOI, the Erosion, Sedimentation and Pollution Control Plan (Plan) must address any site-specific conditions or requirements included in the NOI implementation plan that are applicable to the permittee's discharge(s) to the Impaired Stream Segment within the timeframe specified in the TMDL implementation Plan. If the TMDL implementation Plan establishes a specific numerical wasteload allocation that applies to a permittee's discharge(s) to the Impaired Stream Segment, the permittee must incorporate that allocation into the Erosion, Sedimentation and Pollution Control Plan and implement all necessary measures to meet that allocation. A list of TMDL implementation Plans can be viewed on the EPD website, www.epd.org.
2. In order to ensure that the permittee's discharge(s) do not cause or contribute to a violation of State water quality standards, the plan must include at least four (4) of the following best management practices (BMPs) for those areas of the site which discharge into or within one (1) linear mile upstream and within the same watershed as the Impaired Stream Segment:
a. Increase of temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.
b. Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.
c. A large sign (minimum 4 feet x 8 feet) must be on the site on the actual start date of construction, visible from a public roadway identifying the construction site, the permittee(s), and the contact person(s) and telephone number(s) until a NOI has been submitted.
d. Use onionic polyacrylamide (PAM) and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with part III.E.1. of this permit.
e. Conduct turbidity and total suspended solids (TSS) sampling after every rain event of 0.5 inch or greater within any 24 hour period, recognizing the exceptions specified in Part IV.D.6.d. of this permit.
f. Comply with the applicable end-of-pipe turbidity effluent limit, without the "BMP defense" as provided for in O.C.G.A. 12-1-76.(9).
g. Reduce the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must include the Plan.
h. Limit the amount of area disturbed at any one time to be greater than 25 acres or 50% of the total planned site, whichever is less. All calculations must be included on the plan.
i. Use "Dirt It" techniques available on the EPD website, www.gowepd.org, (e.g., seep berms, sand filters, anionic PAM) to move and manage all construction storm water runoff (including sheet flow). All calculations must be included on the Plan.
j. Add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth of 6 (six) inches to document improved levels of soil carbon after final stabilization of the construction site.
k. Use mulch filter berms, in addition to a silt fence, on the site perimeter wherever construction storm water (including sheet flow) may be discharged. Mulch filter berms cannot be used on a concrete flow or area under construction flow.
l. Apply the appropriate Georgia Department of Transportation approved erosion control matting or blankets or mulch filter matrix to all slopes greater than 3:1. All graphical illustrations must be included on the plan.
m. Use appropriate erosion control matting or blankets instead of concrete in construction storm water ditches and storm drainages designed for a 25 year, 24-hour rainfall event.
n. Use anionic PAM under a passive dosing method (e.g., flocculant blocks) within construction storm water ditches and storm drainages that feed into temporary sediment basins and retrofitted management basins.
o. Install sod for a minimum 20 foot width, (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever construction storm water (including sheet flow) may be discharged.
p. Conduct soil tests to identify and to implement site-specific fertilizer needs.
q. Certified personnel shall conduct inspections at least once every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part IV.D.4.a.(3), (4) - (6) of this permit.
r. Apply the appropriate compact blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.
s. Use alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by a design professional (unless disapproved by the EPD) in accordance with Part IV.D.4.a.(3), (4) - (6) of this permit.
t. Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must be included in the Plan.

D. MANAGEMENT PRACTICES AND PERMIT VIOLATIONS.

- 1. Best management practices, as set forth in this permit, are required for all construction activities, and must be implemented in accordance with the design specifications contained in the "Manual for Erosion and Sediment Control in Georgia" (manual) published by the State Soil and Water Conservation Commission as of January 1 of the year in which the land-disturbing activity was permitted to prevent or reduce the pollution of waters of Georgia, proper design, installation, and maintenance of best management practices shall constitute a complete defense to any action by the Director or to any other allegation of noncompliance with this permit.
2. Except as provided to install the initial sediment storage requirements and perimeter control BMPs as described in Part IV.D.3, the initial sediment storage requirements and perimeter control BMPs must be installed and implemented prior to conducting any other construction activities (e.g. grading, excavation, foundation, etc.) on the construction site or when applicable, within phased sub-parts or segments of the construction site. Failure to comply shall constitute a violation of this permit for each day on which construction activities occur. The design professional who prepared the Plan must inspect the initial sediment storage requirements and perimeter control BMPs in accordance with Part IV.A.5, within seven (7) days after installation.
3. Violation of this permit for each day on which such failure occurs. BMP maintenance as a result of the permittee's routine inspections shall not constitute a violation for each day on which such failure occurs. If the permittee's routine inspections show BMP failures are observed which have resulted in sediment deposition into waters of the State, the permittee shall correct the BMP failures and shall submit a summary of the violations to EPD in accordance with part IV.C.1 of this permit.
4. A discharge of storm water runoff from disturbed areas where best management practices have not been properly designed, installed, and maintained shall constitute a separate violation for each day on which such discharge results in the turbidity of receiving water(s) being increased by more than ten (10) nephelometric turbidity units for waters classified as trout streams or more than twenty-five (25) nephelometric turbidity units for waters supporting warm water fisheries, regardless of a permittee's certification under Part III.B.1. This paragraph shall not apply to any land disturbance associated with the construction of single-family homes that are part of a subdivision or planned common development unless five (5) acres or more will be disturbed.
5. When the permittee has elected to monitor outflow(s), the discharge of storm water runoff from disturbed areas where best management practices have not been properly designed, installed and maintained shall constitute a separate violation for each day on which such condition results in the turbidity of the discharge exceeding the value selected from appendix B applicable to the construction site. As set forth therein, the nephelometric turbidity unit (NTU) value shall be selected from Appendix B based upon the size of the construction site, the type of vegetation in the area and whether the receiving water(s) supports warm water fisheries or is a trout stream as indicated in the Rules and Regulations for Water Quality Control, Chapter 391-3-6 at www.epd.org.

PART IV. EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN

A site specific Erosion, Sedimentation and Pollution Control Plan (Plan) shall be designed, installed and maintained for the entire construction activity covered by this permit. The Erosion, Sedimentation and Pollution Control Plan must be prepared by a design professional as defined by this permit. All persons involved in plan preparation shall have completed the appropriate certification course, pursuant to O.C.G.A. 12-1-19 (b), approved by the State Soil and Water Conservation Commission.

The plan shall include, as a minimum, best management practices, including sound conservation and engineering practices to prevent and minimize erosion and resultant sedimentation, which are consistent with, and no less stringent than, those practices contained in the "Manual for Erosion and Sediment Control in Georgia" (Manual) published by the State Soil and Water Conservation Commission as of January 1 of the year in which the land-disturbing activity was permitted and O.C.G.A. 12-7-6, as well as the following:

- (1) Except as provided in Part IV.(ii), below, no construction activity shall be conducted within a 25 foot buffer along the banks of all State waters, as measured horizontally from the point where vegetation has been wrested by normal stream flow or wave action, except where the Director has determined to allow a violation that is at least as effective of natural resources and the environment in accordance with Code Section 12-7-6. (a) the area of stream crossings with details of the stream crossings including area and length of buffer disturbance, estimated length of line of buffer disturbance, and justification;
(2) Stream crossings for water lines and sewer lines, provided that the stream crossings occur at an angle, as measured from the point of crossing, within 25 degrees of perpendicular to the stream and cause a width of disturbance of not more than 50 feet within the buffer, and native riparian vegetation is re-established in any bare or disturbed areas within the buffer.
(3) Stream crossings for any utility lines of any electric membership corporation or municipal electrical system or any public utility under the regulatory jurisdiction of the Public Service Commission, any utility under the regulatory jurisdiction of the Federal Energy Regulatory Commission, any cable television system as defined in Code Section 36-18-1, or any agency or instrumentality of the United States engaged in the generation, transmission or distribution of power, provided that: (a) the stream crossings occur at an angle, as measured from the point of crossing, within 25 degrees of perpendicular to the stream and cause a width of disturbance of not more than 50 feet within the buffer, and (b) native riparian vegetation is re-established in any bare or disturbed areas within the buffer and (c) the entity is not a secondary permittee for a project located within a common development or site under this permit.
(4) Buffer crossing for fences, provided that the crossings occur at an angle, as measured from the point of crossing, within 25 degrees of perpendicular to the stream and cause a width of disturbance of not more than 50 feet within the buffer, and native riparian vegetation is re-established in any bare or disturbed areas within the buffer.
(5) Stream crossings for aerial utility lines, provided that: (a) the new utility line right-of-way width does not exceed 100 linear feet, (b) utility lines are routed and constructed as to minimize the number of stream crossings and disturbances to the buffer, (c) only trees and tree debris are removed from within the buffer resulting in any minor soil erosion (i.e., disturbance to underlying vegetation is minimized), and (d) native riparian vegetation is re-established in any bare or disturbed areas within the buffer. The Plan shall include a description of the stream crossings with details of the stream crossings including area and length of buffer disturbance, estimated length of line of buffer disturbance, and justification;
(6) Right-of-way posts, guy-wires, anchors, survey markers and the replacement and maintenance of existing utility structures within the current right-of-way undertaken or financed in whole or in part by the Department of Transportation, the Georgia Highway Authority or the State Road and Safety Authority or undertaken by any county or municipality, provided that: (a) the area of land disturbance does not exceed 1000 square feet per structure, (b) the area of buffer vegetation to be cut (not grubbed) does not exceed 1,000 square feet per structure, (c) native riparian vegetation is re-established in any bare or disturbed areas within the buffer and (d) the entity is not a secondary permittee for a project located within a common development or site under this permit.
(7) Right-of-way posts, guy-wires, anchors, survey markers and the replacement and maintenance of existing utility structures within the current right-of-way undertaken or financed in whole or in part by the Department of Transportation, the Georgia Highway Authority or the State Road and Safety Authority or undertaken by any county or municipality, provided that: (a) the area of land disturbance does not exceed 1000 square feet per structure, (b) the area of buffer vegetation to be cut (not grubbed) does not exceed 1,000 square feet per structure, (c) native riparian vegetation is re-established in any bare or disturbed areas within the buffer and (d) the entity is not a secondary permittee for a project located within a common development or site under this permit.
(8) Buffer crossing for fences, provided that the crossings occur at an angle, as measured from the point of crossing, within 25 degrees of perpendicular to the stream and cause a width of disturbance of not more than 50 feet within the buffer, and native riparian vegetation is re-established in any bare or disturbed areas within the buffer.
(9) Stream crossings for any utility lines of any electric membership corporation or municipal electrical system or any public utility under the regulatory jurisdiction of the Public Service Commission, any utility under the regulatory jurisdiction of the Federal Energy Regulatory Commission, any cable television system as defined in Code Section 36-18-1, or any agency or instrumentality of the United States engaged in the generation, transmission or distribution of power, provided that: (a) the stream crossings occur at an angle, as measured from the point of crossing, within 25 degrees of perpendicular to the stream and cause a width of disturbance of not more than 50 feet within the buffer, and (b) native riparian vegetation is re-established in any bare or disturbed areas within the buffer and (c) the entity is not a secondary permittee for a project located within a common development or site under this permit.
(10) Construction activities shall be conducted within a 50 foot buffer, as measured horizontally from the point where vegetation has been wrested by normal stream flow or wave action, along the banks of any State waters classified as "trout streams" except when approval is granted by the Director for alternate buffer requirements in accordance with the provisions of O.C.G.A. 12-7-6, or where a roadway drainage disturbance must be maintained (i.e., however, that small springs and streams classified as "trout streams" which discharge an average annual flow of 25 gallons per minute or less shall have a 25 foot buffer or they may be piped, at the discretion of the permittee, pursuant to the terms of the rate providing for a general variance promulgated by the Board of Natural Resource Regulation of such to EPD and the local issuing authority of the location and extent of the piping and prescribed methodology for minimizing the impact of such piping and for measuring the volume of water discharged by the stream. Any such pipe must stop short of the downstream Permittee's property. The Permittee must provide the necessary requirement for any adjacent trout streams. The buffer shall not apply to the following activities provided that adequate erosion control measures are incorporated into the project plans and specifications are implemented:
(1) Public drinking water system reservoirs.
(2) Stream crossings for water lines and sewer lines, provided that the stream crossings occur at an angle, as measured from the point of crossing, within 25 degrees of perpendicular to the stream and cause a width of disturbance of not more than 50 feet within the buffer, and native riparian vegetation is re-established in any bare or disturbed areas within the buffer.
(3) Stream crossings for any utility lines of any electric membership corporation or municipal electrical system or any public utility under the regulatory jurisdiction of the Public Service Commission, any utility under the regulatory jurisdiction of the Federal Energy Regulatory Commission, any cable television system as defined in Code Section 36-18-1, or any agency or instrumentality of the United States engaged in the generation, transmission or distribution of power, provided that: (a) the stream crossings occur at an angle, as measured from the point of crossing, within 25 degrees of perpendicular to the stream and cause a width of disturbance of not more than 50 feet within the buffer, and (b) native riparian vegetation is re-established in any bare or disturbed areas within the buffer and (c) the entity is not a secondary permittee for a project located within a common development or site under this permit.
(4) Buffer crossing for fences, provided that the crossings occur at an angle, as measured from the point of crossing, within 25 degrees of perpendicular to the stream and cause a width of disturbance of not more than 50 feet within the buffer, and native riparian vegetation is re-established in any bare or disturbed areas within the buffer.
(5) Stream crossings for aerial utility lines, provided that: (a) the new utility line right-of-way width does not exceed 100 linear feet, (b) utility lines are routed and constructed as to minimize the number of stream crossings and disturbances to the buffer, (c) only trees and tree debris are removed from within the buffer resulting in any minor soil erosion (i.e., disturbance to underlying vegetation is minimized), and (d) native riparian vegetation is re-established in any bare or disturbed areas within the buffer. The Plan shall include a description of the stream crossings with details of the buffer disturbance including area and length of buffer disturbance, estimated length of line of buffer disturbance, and justification.
(6) Right-of-way posts, guy-wires, anchors, survey markers and the replacement or maintenance of existing utility structures within the current right-of-way undertaken or financed in whole or in part by the Department of Transportation, the Georgia Highway Authority or the State Road and Safety Authority or undertaken by any county or municipality, provided that: (a) the area of land disturbance does not exceed 1000 square feet per structure, (b) the area of buffer vegetation to be cut (not grubbed) does not exceed 1,000 square feet per structure, (c) native riparian vegetation is re-established in any bare or disturbed areas within the buffer and (d) the entity is not a secondary permittee for a project located within a common development or site under this permit.
(7) Right-of-way posts, guy-wires, anchors, survey markers and the replacement or maintenance of existing utility structures within the current right-of-way undertaken or financed in whole or in part by the Department of Transportation, the Georgia Highway Authority or the State Road and Safety Authority or undertaken by any county or municipality, provided that: (a) the area of land disturbance does not exceed 1000 square feet per structure, (b) the area of buffer vegetation to be cut (not grubbed) does not exceed 1,000 square feet per structure, (c) native riparian vegetation is re-established in any bare or disturbed areas within the buffer and (d) the entity is not a secondary permittee for a project located within a common development or site under this permit.
(8) Except as provided above, for buffers required pursuant to Part IV.(i) and (ii), no construction activities shall be conducted within a buffer and a buffer shall remain in place until the construction activities and any other land-disturbing activities on the construction site are completed. During coverage under this permit, a buffer cannot be thinned or trimmed of vegetation and a protective vegetative cover must remain to protect water quality and aesthetic habitat and a natural canopy must be left in sufficient density to keep shade on the stream bed. The Erosion, Sedimentation and Pollution Control Plan shall identify all potential sources of pollution that may reasonably be expected by EPD to impact the quality of storm water discharged from the construction site. The plan shall describe and the applicable permittee shall ensure the implementation of practices which will be used to reduce the pollutants in storm water discharges associated with construction activity at the site and to assure compliance with the terms and conditions of this permit. The permittee must implement and maintain the provisions of the plan required under this part as a condition of this permit.

POTENTIAL SOURCES OF POLLUTION

Sediment from clearing and grubbing operations, sediment from grading and site excavation operations, sediment from vehicle tracking, sediment from topsoil stripping and stockpiling, sediment from landscaping operations, spills from minor equipment maintenance, spills from above ground fuel storage, filling, and transport, petroleum leaks from heavy equipment, industrial chemicals from the materials storage area due to improper handling or spills, improper handling and spills of pesticides and fertilizers, sanitary waste, landfills, oil leaks from impervious surfaces, hydrocarbons, litter from shipping/packing materials, litter from food and drinks containers, general building materials, solvents, adhesives, paving materials, paints, aggregate, pozzolans, and gutter material, concrete paining/mortar/stucco, building construction, concrete washout area and litter from illegal dumping.

Except as provided in Part IV.A.2, a single Erosion, Sedimentation and Pollution Control Plan must be prepared by the primary permittee for the stand alone construction project.

A. DEADLINES FOR PLAN PREPARATION AND COMPLIANCE.

- 1. Except as provided in Part IV.A.2 and Part IV.A.6, the Erosion, Sedimentation and Pollution Control Plan shall be completed prior to submitting the NOI and prior to conducting any construction activity by any permittee.
2. For construction activities that begin on or before the effective date of this permit and were subject to the regulations under the previous permit, the permittee(s) shall continue to operate under the existing plan.
3. For construction activities that begin after the effective date of this permit, the primary permittee shall be required to prepare the plan for that phase of the stand alone development that corresponds with the NOI being submitted and the primary permittee(s) shall implement the plan on or before the day construction activities begin.
4. Additional plan submittals.
For all projects identified under Part I.C.1.b., which begin after the effective date of this permit, in a jurisdiction where there is a certified Local Issuing Authority regulating that project, a single copy of the Plan must be submitted to the EPD Watershed Protection Branch and a second copy of the Plan must be submitted to the appropriate EPD District Office prior to or concurrent with the NOI submittal. The second copy of the Plan may be submitted to the appropriate EPD District Office as a Portable Document Format (PDF) file on CD-ROM or other storage device. The EPD Watershed Protection Branch will review Plans for deficiencies using the applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the State Soil and Water Conservation Commission as of January 1 of the year in which the land-disturbing activity was permitted.
For sites that are equal to or greater than 50 acres of disturbed area, requiring the existence of a certified local issuing authority in the jurisdiction, one of the following submissions is also required:
(i) For all projects which begin after the effective date of this permit a single copy of the NOI and a single copy of the Plan, if amended, shall be submitted to the appropriate EPD District Office.
(ii) For all projects which begin on or before the effective date of this permit a single copy of the NOI and a single copy of the Plan, if amended, shall be submitted to the appropriate EPD District Office as a Portable Document Format (PDF) file on CD-ROM or other storage device.
For all projects where the construction activity as indicated on the existing NOI has changed, the amended Plans must be submitted in accordance with Part IV.A.4. In addition, the permittee must file a change of information NOI in accordance with Part II.
For all projects which begin after construction activity after the effective date of this permit, the primary permittee must retain the design professional who prepared the Erosion, Sedimentation and Pollution Control Plan, or an alternate design professional approved by EPD in writing, to inspect the installation of the initial sediment storage requirements and perimeter control BMPs which the design professional designed within seven (7) days after installation. The design professional shall determine if these BMPs have been installed and are being maintained as designed. The design professional shall report the results of the inspection to the primary permittee within seven (7) days and the permittee must correct all deficiencies within two (2) business days of receipt of the inspection report from the design professional unless weather related site conditions are such that additional time is required.
For storm- or emergency-related repair work, the permittee shall implement appropriate BMPs and certified personnel (provided by the primary permittee) shall inspect at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches rainfall or greater. If the storm- or emergency-related repair work will not be completed within sixty (60) days of commencement of construction activity, a single copy of the plan shall be submitted to EPD and the permittee shall comply with all requirements of this permit on the sixty-first (61st) day.

B. SIGNATURE AND PLAN REVIEW.

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29. INSPECTIONS.

Each type of construction activity has taken place at a primary permittee's site, certified personnel provided by the primary permittee shall inspect: (a) all areas at the primary permittee's site where petroleum products are stored, used, or handled for spills and leaks from vehicles and equipment and (b) all locations at the primary permittee's site where evidence of off-site sediment tracking.

Inspections must be conducted under a Notice of Termination is submitted.

Measurements shall be made every 24 hours with non-working Saturdays and non-working Sunday and non-working Federal holiday until a Notice of Termination is submitted. Measurement of rainfall may be suspended if all areas of the site have undergone final stabilization or established a crop of annual vegetation or a seeding of target perennials appropriate for the region.

Certified personnel (provided by the primary permittee) shall inspect the following at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches rainfall or greater (unless such storm ends after 5:00 PM on any Friday or on any non-working Saturday, non-working Sunday or any non-working Federal holiday in which the case the inspection shall be completed by the end of the next business day and/or working day, whichever occurs first): (a) disturbed areas of the primary permittee's construction site; (b) areas used by the primary permittee for storage of materials that are exposed to precipitation; and (c) structural control measures. Erosion and sediment control measures identified in the Plan applicable to the primary permittee's site shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s). For areas of a site that have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region, the permittee must comply with Part IV.D.4.a.(4). These inspections must be conducted under a Notice of Termination is submitted.

Certified personnel (provided by the primary permittee) shall inspect at least once per month during the term of this permit (i.e., until a Notice of Termination is received by EPD) the areas of the site that have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region. These areas shall be inspected for evidence of, or the potential for, pollutants entering the drainage system and the receiving water(s). Erosion and sediment control measures identified in the Plan shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s).

Based on the results of each inspection, the site description and the pollution prevention and control measures identified in the Erosion, Sedimentation and Pollution Control Plan shall be revised as appropriate. A report of each inspection that includes the name(s) of certified personnel making such inspection, the date(s) of each inspection, construction phase (i.e., initial, intermediate or final), major observations relating to the implementation of the Erosion, Sedimentation and Pollution Control Plan, and actions taken in accordance with Part IV.D.4.a.(5) of the permit shall be made and retained at the site or readily available at a designated alternate location until the entire site and/or portion of a construction project that has been phased has undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials is readily available by the end of the second business day and/or working day and shall identify all incidents of best management practices that have not been properly installed and/or maintained as described in the Plan. Where best management practices are not installed, the inspection report shall contain a certification that the best management practices are in compliance with the Erosion, Sedimentation and Pollution Control Plan. The report shall be signed in accordance with Part V.G.2. of this permit.

6. SAMPLING REQUIREMENTS. This permit requires the monitoring of nephelometric turbidity in receiving water(s) outlets in accordance with this permit. This paragraph shall not apply to any land disturbance associated with the construction of single-family homes that are not part of a subdivision or planned common development unless five (5) acres or more will be disturbed. The following procedures constitute EPD's guidelines for sampling turbidity.

33. RATIONALE FOR SAMPLING OUTFALLS: Receiving water(s) are not located on or directly adjacent to the site. Therefore, samples will be collected at the appropriate outfall(s). The nephelometric turbidity unit (NTU) limits for each outfall sampled have been determined from Appendix B in the National Pollutant Discharge Elimination Act Permit General Permit No. GA0100001. The following information was used to determine the appropriate NTU limits:

SITE AREA: 22.06 ACRES
WATER DRAINAGE BASIN: 0-59 ACRES
TYPE OF RECEIVING WATER: URBAN WATER
NTU VALUE FROM APPENDIX B: 25 NTU

32. SAMPLE TYPE.

All sampling shall be collected by "grab samples" and the analysis of these samples must be conducted in accordance with methodology and test procedures established by 40 CFR Part 136 (unless other test procedures have been approved); the guidance document titled "NPDES Storm Water Sampling Guidance Document, EPA 833-B-92-001" and guidance documents that may be prepared by the EPD.

(1) Sample containers should be labeled prior to collecting the samples.

(2) Samples should be well mixed before transferring to a secondary container.

(3) Large, moist, well cleaned and rinsed glass or plastic jars should be used for collecting samples. The jars should be cleaned thoroughly to avoid contamination.

(4) Manual, automatic or rising stage sampling may be utilized. Samples required by this permit should be analyzed immediately, but in no case later than 48 hours after collection. However, samples from automatic samplers must be collected no later than the first business day after their collection, unless flow monitoring is utilized. If automatic sampling is utilized and the automatic sampler is not activated during the qualifying event, the permittee must utilize manual sampling or rising stage sampling during the next qualifying event. Dilution of samples is not required. Samples may be analyzed directly with a properly calibrated turbidimeter.

(5) Sampling and analysis of the receiving water(s) or outfalls below the minimum frequency stated in this permit must be reported to EPD as specified in Part V.II.

c. SAMPLING POINTS - SEE PLANS AND USSG MAP

(1) For construction activities the primary permittee must sample at receiving water(s), or at outfalls, or a combination of receiving water(s) and outfalls. Samples taken for the purpose of compliance with this permit shall be representative of the monitored activity and representative of the water quality of the receiving water(s) and/or the storm water outfalls using the following minimum guidelines:

(a) The upstream sample for each receiving water(s) must be taken immediately upstream of the confluence of the first storm water discharge from the permitted activity (i.e., the discharge farthest upstream at the site) but downstream of any other storm water discharge associated with the permitted activity. Where appropriate, several upstream samples from across the receiving water(s) may be taken and the arithmetic average of the turbidity of these samples used for the upstream turbidity value.

(b) The downstream sample for each receiving water(s) must be taken downstream of the confluence of the last storm water discharge from the permitted activity (i.e., the discharge furthest downstream at the site) but upstream of any other storm water discharge not associated with the permitted activity. Where appropriate, several downstream samples from across the receiving water(s) may be taken and the arithmetic average of the turbidity of these samples used for the downstream turbidity value.

(c) Ideally the samples should be taken from the horizontal and vertical center of the receiving water(s) or storm water outfall channel(s).

(d) Care should be taken to avoid stranding the bottom sediments in the receiving water(s) or in the outfall storm water channel.

(e) The sampling container should be held so that the opening faces upstream.

(f) The samples should be kept free from floating debris.

(g) Permittees do not have to sample areas that flow into undisturbed natural areas or areas stabilized by the project. For purposes of this section, stabilized shall mean, for upland areas and areas not covered by permanent structures, the waste discharge area has been stabilized and the area is covered in permanent vegetation with a density of 70% or greater, or landscaped according to the Plan (uniformly covered with landscaping materials in planned landscaped areas), or equivalent permanent stabilization measures as defined in the Manual (excluding a crop of annual vegetation and a seeding of target crop perennials appropriate for the region).

(h) All sampling pursuant to this permit must be done in such a way (including generally accepted sampling methods, locations, timing, and frequency) as to accurately reflect whether storm water runoff from the construction site is in compliance with the standards set forth in Parts III.D.3. or III.D.4., whichever is applicable.

30. SAMPLING FREQUENCY.

(1) The primary permittee must sample in accordance with the Plan at least once for each rainfall event described below. For a qualifying event, the permittee shall sample at the beginning of any storm water discharge to a monitored receiving water and/or from a monitored outfall location within in forty-five (45) minutes or as soon as possible.

(2) However, where manual and automatic sampling are impossible (as defined in this permit), or are beyond the permittee's control, the permittee shall take samples as soon as possible, but in no case more than twelve (12) hours after the beginning of the storm water discharge.

(3) Sampling by the permittee shall occur for the following qualifying events:

(a) For each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a storm water discharge that occurs during normal business hours as defined in this permit after clearing and grubbing operations have been completed, but prior to completion of most grading operations. In the drainage area of the location selected as the sampling location;

(b) In addition to (a) above, for each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a storm water discharge that occurs during normal business hours as defined in this permit either 30 days after the first sampling event or after all most grading operations have been completed, but prior to submittal of a NOT, in the drainage area of the location selected as the sampling location, whichever comes first;

(c) At the time of sampling performed pursuant to (a) and (b) above, if BMPs in any area of the site that discharges to a receiving water or from an outfall are not properly designed, installed and maintained, corrective action shall be defined and implemented within (2) business days, and turbidity samples shall be taken from discharges from that area of the site for each subsequent rainfall event that reaches or exceeds 0.5 inch during normal business hours until the selected turbidity standard is attained, or until post-storm event inspections determine that BMPs are properly designed, installed and maintained;

(d) Where sampling pursuant to (c), (b) or (a) above is required but not possible (or not required because there was no discharge), the permittee, in accordance with Part IV.D.4.a.(6), must include a written justification in the inspection report why sampling was not performed. Providing this justification does not relieve the permittee of any subsequent sampling obligations under (a), (b) or (c) above; and

(e) Existing construction activities, i.e., those that are occurring on or before the effective date of this permit, that have met the sampling requirements by (d) above shall sample in accordance with (b). Those existing construction activities that have met the sampling required by (b) above shall not be required to conduct additional sampling other than as required by (c) above.

(f) The permittee may choose to meet the requirements of (a) and (b) above by collecting turbidity samples from any rain event that reaches or exceeds 0.5 inch and allows for sampling at any time of the day or week.

7. NON-STORM WATER DISCHARGES.

Except for flows from the following activities, sources of non-storm water listed in Part III.A.2. of this permit that are combined with storm water discharges associated with construction activity must be identified in the Plan. The Plan shall identify and ensure the implementation of appropriate pollution prevention measures for the non-storm water component(s) of the discharge.

E. REPORTING.

The applicable permittee are required to submit the sampling results to the EPD at the address shown in Part II.C. by the fifth day of the month following the reporting period. Reporting periods are months during which samples are taken in accordance with this permit. Sampling results shall be in a clearly legible format. Upon written request, EPD may require the permittee to provide hard copies of sampling results on a more frequent basis. Sampling and analysis of any storm water discharge(s) at the receiving water(s) beyond the minimum frequency stated in this permit must be reported to a primary permittee to the EPD. The sampling reports must be signed in accordance with Part V.G.2. of this permit. Sampling results must be submitted to EPD until such time as a NOT is submitted in accordance with Part V.I.

All sampling reports must include the following information:

- The rainfall amount, date, exact place and time of sampling or measurements;
- The name(s) of the certified personnel who performed the sampling and measurements;
- The date(s) analyses were performed;
- The time(s) analyses were initiated;
- The name(s) of the certified personnel who performed the analysis;
- The methods and procedures, when available, the analytical techniques or methods used;
- The results of such analyses, including the bench sheets, instrument readouts, computer discs or tapes, etc., used to determine these results;
- Results which exceed 1000 NTU shall be reported as "exceeds 1000 NTU"; and
- Certification statement that sampling was conducted as per the Plan.

All written correspondence required by this permit shall be submitted by return receipt certified mail (or similar service) to the appropriate District Office of the EPD according to the schedule in Appendix A of this permit. The permittee shall retain a copy of the permit of the construction site or the proof of submittal shall be readily available at a designated location from commencement of construction until such time as a NOT is submitted in accordance with Part V.I. If an electronic submittal is provided by EPD then the written correspondence may be submitted electronically, if required, a paper copy must also be submitted by return receipt certified mail or similar service.

F. RETENTION OF RECORDS.

- The primary permittee (no secondary permittees for this project) shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted in accordance with Part V.I:
- A copy of all Notices of Intent submitted to EPD;
- A copy of the Erosion, Sedimentation and Pollution Control Plan required by this permit;
- A copy of all sampling information, results, and reports required by this permit;
- A copy of all inspection reports generated in accordance with Part IV.D.4.a. of this permit;
- A copy of all violation summaries and violation summary reports generated in accordance with Part III.D.2. of this permit;
- Daily rainfall information collected in accordance with Part IV.D.4.a.(2) of this permit;
- Copies of all Notices of Intent, Notices of Termination, inspection reports, sampling reports (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) or other reports requested by the EPD, Erosion, Sedimentation and Pollution Control Plans, records of all data used to complete the Notice of Intent or other reports requested by this permit, and all other records required by this permit shall be retained by the permittee who either produces or uses it for a period of at least three years from the date that the NOT is submitted in accordance with Part V.I. This permit. These records must be maintained at the permittee's primary place of business or at a designated alternate location once the construction activity has ceased at the permitted site. This period may be extended by request of the EPD at any time upon written notification to the permittee.

PART V. STANDARD PERMIT CONDITIONS

A. DUTY TO COMPLY.

Each permittee must comply with all applicable conditions of this permit. Any permit noncompliance constitutes a violation of the Georgia Water Quality Control Act (O.C.G.A. §§12-5-20, et seq.) and is grounds for enforcement action, for permit termination, or for denial of a permit renewal application. Failure of a primary permittee to comply with any applicable term or condition of this permit shall not relieve any other primary permittee from compliance with their applicable terms and conditions of this permit.

Each permittee must assume the responsibility for the results of the inspection conducted in accordance with Part IV.D.4.a. of this permit. The permittee shall retain a copy of the permit of the construction site or the proof of submittal shall be readily available at a designated location from commencement of construction until such time as a NOT is submitted in accordance with Part V.I. If an electronic submittal is provided by EPD then the written correspondence may be submitted electronically, if required, a paper copy must also be submitted by return receipt certified mail or similar service.

B. CONTINUATION OF THE EXPIRED GENERAL PERMIT. This permit expires on the date shown on the cover page of this permit. However, an expired general permit continues in force and effect until a new general permit is issued, final and effective.

C. NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE. It shall not be a defense for the permittee in an enforcement action that it would have been required to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

D. DUTY TO MITIGATE. The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment.

E. DUTY TO PROVIDE INFORMATION. The permittee shall furnish to the Director, a State or local agency approving soil erosion and sedimentation control plans, grading plans, or storm water management plans; or in the case of a storm water discharge associated with construction activity which discharges through a municipal separate storm sewer system with any NPDES permit, to the local government operating the municipal separate storm sewer system, any information which is requested to determine compliance with this permit. In the case of noncompliance with this permit, the EPD such information shall be considered public information and available under the Georgia Open Records Act.

F. OTHER INFORMATION. When the permittee becomes aware that he failed to submit any relevant facts or submitted incorrect information in the Notice of Intent or in any other report required to be submitted to the EPD, the permittee shall immediately submit such facts or information.

G. SANITARY REQUIREMENTS. All Notices of Intent, Notice of Termination, inspection reports, sampling reports or other reports requested by the EPD shall be signed as follows:

- All Notices of Intent and Notices of Termination shall be signed as follows:
 - For a corporation; by a responsible corporate officer. For the purpose of this permit, a responsible corporate officer means: (1) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or (2) the manager of one or more manufacturing, production or operating facilities provided the manager is authorized to make management decisions which govern the operation of the regulated facility having the responsibility for the permit; or
 - For a partnership or sole proprietorship; by a general partner or the proprietor, respectively; or
 - For a municipality, State, Federal, or other public authority by either a principal executive officer or ranking elected official; and
- Changes to authorization. If an authorization under Part II.B. is no longer accurate, a change of information NOT satisfying the requirements of Part II.B. must be submitted to the EPD prior to or together with any inspection reports, sampling reports, or other reports requested by the EPD to be signed by a person described above or by a duly authorized representative of that person.
- All inspection reports, sampling reports, or other reports requested by the EPD shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - The authorization is made in writing by a person described above and submitted to the EPD;
 - The authorization specifies either an individual or a position having responsibility for specified operation(s) of the regulated facility or activity, such as the position of manager, Operator, superintendent, or position of equivalent responsibility or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may be either a named individual or any individual occupying a named position); and
 - Certification, Reports delineated in Part V.G.2. shall be signed by the permittee or duly authorized representative and shall make the following certification:

"I certify under penalty of law that this report and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that certified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the permit, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

H. OIL AND HAZARDOUS SUBSTANCE LIABILITY. Nothing in this permit shall be construed to preclude the institution of any legal action or relief the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under the Georgia Hazardous Waste Management Act, O.C.G.A. §§ 12-8-60, et seq. or under Chapter 14 of Title 12 of the Official Code of Georgia Annotated, nor shall the permittee be relieved from any responsibilities, liabilities or penalties to which the permittee is or may be subject under Section 311 of the Clean Water Act or Section 106 of Comprehensive Environmental Response Compensation And Liability Act.

I. PROPERTY RIGHTS. The issuance of this permit does not convey any property rights of any sort, nor any exclusive privileges of any kind. It authorizes any injury to private property caused by any erosion, liability, or any infringement of Federal, State or local laws or regulations.

J. SEVERABILITY. The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

K. OTHER APPLICABLE ENVIRONMENTAL REGULATIONS AND LAWS. Nothing in this permit shall be construed to preclude the institution of any legal action or relief the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Clean Water Act. Nothing in this permit, unless explicitly stated, exempts the permittee from compliance with any other applicable local, state and federal ordinances, rules, regulations, and laws. Furthermore, it is not a defense to compliance with this permit that a local government authority has approved the permittee's Erosion, Sedimentation and Pollution Control Plan or failed to take enforcement action against the permittee for violations of the Erosion, Sedimentation and Pollution Control Plan, or other provisions of this permit. No condition of this permit shall release the permittee from any responsibility or requirements under other environmental statutes or regulations.

L. PROPER OPERATION AND MAINTENANCE. The permittee shall of all times properly operate and maintain all facilities and systems of treatment and control (and related apparatuses) which are installed or used by the permittee to comply with the conditions of this permit and with the required plans. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance includes the operation of backup or auxiliary facilities or similar systems, installed by an permittee only when necessary to achieve compliance with the conditions of the permit.

M. INSPECTION AND ENTRY. The permittee shall allow the Director or an authorized representative of EPA, EPD or to designated officials of the local government reviewing soil erosion and sediment control plans, grading plans, or storm water management plans, or in the case of a construction site which discharges through a municipal separate storm sewer system, an authorized representative of the municipal operator of the separate storm sewer system receiving the discharge, upon the presentation of credentials and other documents as may be required by law, to:

- Enter upon the permittee's premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this permit; and
- Have access to and copy of reasonable times, any records that must be kept under the conditions of this permit; and
- Inspect all reasonable times any facilities or equipment (including monitoring and control equipment).

N. PERMIT ACTIONS. This permit may be revoked and resumed, or terminated for cause including but not limited to changes in the law or regulations. The filing of a request by the permittee for termination of the permit, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

Part VI. TERMINATION OF COVERAGE

A. NOTICE OF TERMINATION ELIGIBILITY. Notice of Termination, signed in accordance with Part V.G. of this permit, must be submitted:

- For construction activities, by the permittee where the entire stand alone development has undergone final stabilization, all storm water discharges associated with construction activity that are authorized by this permit have ceased, the site is in compliance with this permit and all temporary BMPs have been removed. For operation and maintenance activities where the primary permittee has elected to submit NOI for separate phases of the stand alone development, the phase or phases of the stand alone development on the NOT shall correspond to the phase or phases on the NOI.
- The project construction site name, GPS location (decimal degree) of construction exit, L construction site location, city (if applicable) and county of the construction site for which the notification is submitted. This information must correspond to the similar information as provided on the NOI. Where an address for the construction site is not available, the construction site location information must be sufficient to accurately locate the construction site.
- The owner's legal name, address, telephone number and email address and the operator's legal name, address, telephone and email address;
- The name of the initial receiving water(s), and when the discharge is through a municipal separate storm sewer system (MS4), the name of the local government operating the municipal separate storm sewer system and the name of the receiving water(s) which receives the discharge from the MS4;
- Copies of all sampling results and written justification why sampling was not conducted. Copies of all sampling reports may be submitted as a Portable Document Format (PDF) file on CD-ROM or other storage device;
- Copy of the permittee's most current Notice of Intent;
- Any other information specified on the NOI in effect at the time of submittal; and
- The following certification signed in accordance with Part V.G.1. (Legislatory requirements): "I certify under penalty of law that this permit is in compliance with this permit and all temporary BMPs have been removed or (b) I am no longer operating the construction site and the permittee has assumed operational control of the permitted construction site where I previously had ownership or operational control; and that discharging pollutants in storm water associated with construction activity by waters of Georgia is unlawful under the Georgia Water Quality Control Act and the Clean Water Act where the discharge is not authorized by a NPDES permit."

B. NOTICE OF TERMINATION CONTENTS:

- The NPDES permit number for the storm water discharge associated with construction activity identified by the Notice of Termination (i.e., GAR10000 - Stand Alone).
- The project construction site name, GPS location (decimal degree) of construction exit, L construction site location, city (if applicable) and county of the construction site for which the notification is submitted. This information must correspond to the similar information as provided on the NOI. Where an address for the construction site is not available, the construction site location information must be sufficient to accurately locate the construction site.
- The owner's legal name, address, telephone number and email address and the operator's legal name, address, telephone and email address;
- The name of the initial receiving water(s), and when the discharge is through a municipal separate storm sewer system (MS4), the name of the local government operating the municipal separate storm sewer system and the name of the receiving water(s) which receives the discharge from the MS4;
- Copies of all sampling results and written justification why sampling was not conducted. Copies of all sampling reports may be submitted as a Portable Document Format (PDF) file on CD-ROM or other storage device;
- Copy of the permittee's most current Notice of Intent;
- Any other information specified on the NOI in effect at the time of submittal; and
- The following certification signed in accordance with Part V.G.1. (Legislatory requirements): "I certify under penalty of law that this permit is in compliance with this permit and all temporary BMPs have been removed or (b) I am no longer operating the construction site and the permittee has assumed operational control of the permitted construction site where I previously had ownership or operational control; and that discharging pollutants in storm water associated with construction activity by waters of Georgia is unlawful under the Georgia Water Quality Control Act and the Clean Water Act where the discharge is not authorized by a NPDES permit."

C. NOTICE OF TERMINATION SUBMITTAL. All Notices of Termination by this permit shall be submitted by return receipt certified mail (or similar service) to the appropriate EPD District Office according to the schedule in Appendix A of this permit. The permittee shall retain a copy of the permit of the construction site or the proof of submittal shall be readily available at a designated location from commencement of construction until such time as a NOT is submitted in accordance with Part V.I. If an electronic submittal is provided by EPD then the written correspondence may be submitted electronically, if required, a paper copy must also be submitted by return receipt certified mail or similar service.

CRITICAL WORK AREAS

BUFFERS - DO NOT DISTURB ANY BUFFER EXCEPT AT APPROVED AREAS. MAINTAIN PROTECTIVE FENCING ALONG WITH ALL OF ALL BUFFERS.

EXPOSED SOIL - KEEP DISTURBANCE AND EXPOSURE OF ALL SOILS TO A MINIMUM. PROVIDE PLASTIC SHEETING CONCENTRATED FLOW AREAS - PROVIDE TEMPORARY HAY BALE CHECK DAMS AT ALL LOCATIONS OF CONCENTRATED FLOW AREAS - PROVIDE TEMPORARY HAY BALE CHECK DAMS AT ALL LOCATIONS OF CONCENTRATED FLOW AREAS - REPLACE CHECK DAMS AT THE END OF EACH DAY AS FILL IS PLACED. INSTALL DIRECTION CHANNEL LEADING TO LEVEL SPREADER EVERY 100 FEET ALONG A FLOW PATH.

STEEP SLOPES - ALL SLOPES 2.5:1 OR STEEPER AND HIGHER THAN FIVE (5) FEET SHALL RECEIVE A DIVERSION DRAIN AND TEMPORARY DRAIN ALONG THE TOP OF THE SLOPE TO PREVENT SPILLING OVER THE EDGE AND DOWN THE FACE OF THE SLOPE. TEMPORARY DRAIN DRAINS SHALL BE CONSTRUCTED WITH PERFORATED STAND PIPES AT THE TOP OF THE SLOPE AND RECONSTRUCTED EACH DAY AS THE SLOPE INCREASES IN HEIGHT.

CONSTRUCTION MAT - ENSURE THAT SEDIMENT IS NOT TRACKED ONTO THE PUBLIC RIGHT-OF-WAY AT ANY TIME. INLET SEDIMENT TRAPS - WHERE INLET SEDIMENT TRAPS ARE INSTALLED AT THE TOP OF THE SLOPE, ENSURE THAT THE TOP OF THE SEDIMENT BARREL IS BELOW THE SLOPE AND THAT AN EMERGENCY DIVERSION IS PROVIDED TO THE DRAINAGE STRUCTURE. THIS CAN BE ACCOMPLISHED BY REMOVING THE COVER TO A DROP INLET.

STORM DRAIN OUTLET PROTECTION - FABRIC MUST BE INSTALLED UNDER THE RIP-RAP.

ADJACENT AREAS

DESCRIBE ANY NEIGHBORING AREA WHICH COULD BE AFFECTED BY THE POST-DEVELOPED RUNOFF FROM THE SITE.

ADJACENT STREAMS - THE LOCATION OF ANY STREAM WITHIN 200 FEET OF THE PROPERTY IS SHOWN ON THE PLANS OR ON THE USSG SITE LOCATION MAP.

ADJACENT LAKES - THE LOCATION OF ANY LAKE WITHIN 200 FEET OF THE PROPERTY IS SHOWN ON THE PLANS OR ON THE USSG SITE LOCATION MAP.

ADJACENT RESIDENTIAL AREAS - THE LOCATION OF ANY RESIDENTIAL AREA WITHIN 200 FEET OF THE PROPERTY IS SHOWN ON THE PLANS OR ON THE USSG SITE LOCATION MAP.

ADJACENT WETLANDS - THE LOCATION OF ANY WETLANDS WITHIN 200 FEET OF THE PROPERTY IS SHOWN ON THE PLANS OR ON THE USSG SITE LOCATION MAP.

VEGETATIVE MEASURES

Erosion control techniques shall be used on all areas exposed for a prolonged period of time, including areas that will be paved or built upon in the future. Various types of vegetative practices are used for erosion control. The time-line for the implementation of various vegetative practices is as follows:

- D1 - Disturbed Area Stabilization (With Mowing Only) Mowing can be used as a singular erosion control method on areas at rough grade. Mow can be option for up to six months provided that the mow is applied at the appropriate depth (depending on type of mow used), anchored, and has a continuous 90% cover of the soil surface. Maintenance shall be required to maintain appropriate depth, anchorage, and 90% cover. If an area will remain undisturbed for greater than six months, permanent (perennial) vegetation shall be used.
- D2 - Disturbed Area Stabilization (With Temporary Seeding) Temporary vegetation may be employed instead of mow if the area will remain undisturbed for less than six months.
- D3 - Disturbed Area Stabilization (With Permanent Vegetation) Permanent (perennial) vegetation shall be used on rough graded areas that will be undisturbed for more than six months.
- D4 - Disturbed Area Stabilization (With Sodding) may be used in place of D3.

"Stabilization" of an area is accomplished when 70 percent of the surface area is covered in a uniform, vegetative cover (permanent or temporary) or anchored mow that the appropriate thickness with 90% coverage. "Final stabilization" means that all soil disturbing activities at the site have been completed, and that for upland areas and areas not covered by permanent structures, at least 70% of the soil surface is uniformly covered in permanent vegetation or equivalent permanent stabilization measures (such as use of rip rap, geobags, permanent mulches or geotextiles) has been employed.

Permanent (perennial) vegetation shall consist of: planted trees, shrubs, perennial grasses; a crop of perennial vegetation appropriate for the time of year and region; or a crop of annual vegetation and a seeding of target crop perennials appropriate for the region, such that within the growing season a 70% coverage by perennial vegetation shall be achieved.

19. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND-DISTURBING ACTIVITIES.

20. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT.

3. SO2-P SEDIMENT TRAPS TO BE INSTALLED AT ALL DROP INLETS AND REPLACED WITH SO2-P SEDIMENT TRAPS AFTER GRATES AND CURB AND GUTTER HAVE BEEN INSTALLED.

4. ALL SO2-F TO REMAIN ON ALL UNJUNCTION BOXES UNTIL TOPS HAVE BEEN INSTALLED.

5. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION CONTROL MEASURES AND LEAVING OUT ALL STORM STRUCTURES AND PIPES ONCE SITE HAS BEEN PERMANENTLY STABILIZED.

21. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

7. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AT LEAST WEEKLY, AFTER EACH RAIN, AND REPAIRED AS NECESSARY.

8. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DETERMINED NECESSARY BY ON-SITE INSPECTION.

9. SILT FENCE SHALL MEET THE REQUIREMENTS OF SECTION 171--TYPE C TEMPORARY SILT FENCE, OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION, LATEST EDITION.

10. SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 3/4 FULL VOLUME.

11. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER.

12. ALL FILL SLOPES SHALL HAVE SILT FENCE PLACED AT THE SLOPE'S TOE.

13. CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 2.5:1 WITH A HEIGHT OF TEN OR GREATER SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.

ACTIVITY	TIME IN WEEKS											
	1	2	3	4	5	6	7	8	9	10	11	12
INSTALL TREE PROTECTION MEASURES												
INSTALL CONST. EXIST. SEDIMENT BARRIERS AND OTHER PERMITTER CONTROLS												
TIMBER SALVAGE OPERATIONS												
EROSION CONTROL												
CLEARING & GRUBBING OF AREAS NECESSARY FOR THE INSTALLATION OF SEDIMENT RETENTION BASINS AND RELATED STRUCTURES												
CLEARING & GRUBBING OF REMAINING AREAS AND RELATED STRUCTURES												
INSTALLATION OF SANITARY SEWER SYSTEM												
INSTALLATION OF STORMWATER MANAGEMENT SYSTEM												
INSTALLATION OF CURB AND GUTTER												
FINAL GRADING												
INSTALLATION OF WASTE SYSTEM												
INSTALLATION OF GRAVEL SUBBASE FOR ROADS												
ASPHALT PAVING												
BUILDING CONSTRUCTION												
INSTALLATION OF UNDERGROUND UTILITIES												
TEMPORARY STABILIZATION/LANDSCAPING												
PERMANENT STABILIZATION/LANDSCAPING												
REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES												
MAINTENANCE OF EROSION CONTROL MEASURES												
MAINTENANCE OF TREE PROTECTION MEASURES												

APPROXIMATE PROJECT START DATE: 15-Nov-17
 APPROXIMATE PROJECT COMPLETION DATE: 15-Nov-18

SITE AREA: ±22.06 ACRES

DISTURBED AREA: ±9.22 ACRES

Total Area of Wetlands:
 0.0 ACRES
Disturbed Area of Wetlands:
 0.0 ACRES

Disturbed Length of Wetlands:
 0.0 FEET

Approximate Earth Work Summary

CUT: xxx cu. yds.
 FILL: xxx cu. yds.

EARTH WORK IS AN ESTIMATE AND IS NOT TO BE USED FOR BIDDING PURPOSES.

DESIGN PROFESSIONAL CERTIFICATION AND SITE VISIT

I certify that the permittee's Erosion, Sediment and Pollution Control Plan provides for an appropriate and comprehensive system of best management practices required by the Georgia Water Quality Control Act and the document "Manual for Erosion and Sediment Control Georgia" (Manual) published by the State Soil and Water Conservation Commission as of January 1 of the year in which the land-disturbing activity was permitted, provided that the sampling of the receiving water(s) or the sampling of the storm water outfalls and that the designed system of best management practices and sampling methods is expected to meet the requirements contained in the General NPDES Permit No. GAR 100001.

I certify, under penalty of law that this plan was prepared after a site visit to the location described hereon by myself or my authorized agent, under my supervision.

[Signature] Date: 7-6-18

For the Firm - Travis Pruitt & Associates, Inc.
 Georgia Registration No. 18306
 GSWCC Level II Certification No.10459

USE THIS CERTIFY FOR PERMIT ONLY

SEVEN-DAY INSPECTION OF INITIAL SEDIMENT STORAGE REQUIREMENTS

The design professional who prepared the ES&P Plan is to inspect the installation of the initial sediment storage requirements and permitter control BMPs within 7 days after installation. The design professional shall determine if these BMPs have been installed and are being maintained as designed. The design professional shall report the results of the inspection to the primary permittee within seven (7) days and the permittee must correct all deficiencies within two (2) business days of receipt of the inspection report from the design professional unless weather-related site conditions are such that additional time is required.

[Signature] Date: 7-6-18

For the Firm - Travis Pruitt & Associates, Inc.
 Georgia Registration No. 18306
 GSWCC Level II Certification No. 10459

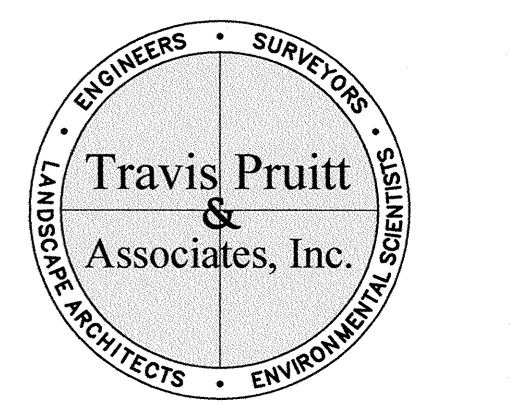
Correction of Deficiencies Required - Yes No

USE THIS OWNER/OPERATOR CERTIFY IF COUNTY REQUIRED

OWNER'S CERTIFICATIONS

I certify that to the best of my knowledge and belief, that the Erosion, Sedimentation and Pollution Control Plan (Plan) was prepared by a design professional, as defined by this permit, that has completed the appropriate certification course approved by the Georgia Department of Transportation and approved by the Georgia Department of Environmental Protection, and that I will adhere to the Plan and comply with all requirements of this

Table with columns: NO., DATE, DESCRIPTION, SGF, SET, COMMENTS, ADDRESS, REVIEW, PROGRESS, BY.



4317 Park Drive, Suite 400
Norcross, Georgia 30093
Phone: (770)416-7511 Fax: (770)416-6759
www.travispruitt.com

Contact Person: STEVE J BENNETT, PE

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

FREEDOM PARK
BOYS BASEBALL FIELDS

NPDES NOTES

Table with columns: INDEX NO., SHEET NO., DATE, SCALE, DRAWING TITLE, PROJECT NAME, DATE, DRAWN, CHECKED, PUBLISHED, DATE, DATE, DATE.

INDEX NO. C09.03
SHEET NO. 035

GENERAL EROSION CONTROL NOTES:

- 1. Silt fence must meet the requirements of Section 171 - Temporary Silt Fence, of the Department of Transportation, State of Georgia, Standards Specifications, latest edition.
2. Additional erosion control measures will be employed where determined necessary by actual site conditions.
3. Provisions to prevent erosion of soil from the site shall be, as minimum, in conformance with the requirements of the City/County/State Erosion and Sedimentation Ordinance and the City/County/State Code of Laws dealing with erosion and sedimentation.
4. Prior to any other construction, a stabilized construction entrance shall be constructed at each point of entry to or exit from the site.
5. The construction exits shall be maintained in a condition which will prevent tracking or flow of mud onto Public right of way. This may require periodic top dressing with stone, as conditions demand, and repair and/or cleanout of any structures used to trap sediment. All materials spilled, dropped, washed or tracked from vehicle or site onto Public roadway or into storm drain must be removed immediately.
6. Prior to commencing land disturbance activity, the limits of Land Disturbance shall be clearly and accurately demarcated with stakes, ribbons, or other appropriate means. The location and extent of all authorized land disturbance activity shall be demarcated for the duration of the construction activity. No Land Disturbance shall occur outside the approved limits indicated on the approved plans.
7. Immediately after the establishment of construction entrances/exits, all perimeter erosion control devices and storm water management devices shall be installed prior to any other construction.
8. The Owner agrees to provide and maintain off-street parking on the subject property during the entire construction period.
9. The Contractor shall furnish and maintain all necessary barricades while roadway frontage improvements are being made.
10. The construction of the site will initiate with the installation of erosion control measures sufficient to control sediment deposits and erosion. All sediment control will be maintained until all upstream ground within the construction area has been completely stabilized with permanent vegetation and all roads/drainways have been paved.
11. Erosion control devices shall be installed immediately after ground disturbance occurs. The location of some of the erosion control devices may have to be altered from that shown on the approved plans if drainage patterns during construction are different from the final proposed drainage patterns. It is the Contractor's responsibility to accomplish erosion control for all drainage patterns created at various stages during construction. Any difficulty in controlling erosion during any phase of construction shall be reported to the Engineer immediately.
12. All silt barriers must be placed as access is obtained during clearing. No grading shall be done until silt barrier installation and detention facilities are constructed.
13. The Contractor shall maintain all erosion control measures until permanent vegetation has been established. The Contractor shall clean out all sediment ponds when required by the Project Engineer or City/County/State Inspector. The Contractor shall inspect erosion control measures at the end of each working day to insure measures are functioning properly.
14. The Contractor shall remove accumulated silt when the silt is within one-third of the height of the fill fence utilized for erosion control. In the detention pond, silt shall be removed when the storage volume has been reduced by one-third.
15. Failure to install, operate or maintain all erosion control measures will result in all construction being stopped on the job site until such measures are corrected back to City/County/State Standards.
16. All construction shall conform to City/County/State Standards and Specifications, whether or not the review comments were made.
17. A copy of the approved land disturbance plan and permit shall be present on the site whenever land disturbance activity is in progress.
18. All sewer easements disturbed must be dressed and grassed to control erosion.
19. All open swales must be grassed, and rip-rap must be placed as required to control erosion. A minimum of 4.5 square yards of 50-lb stones shall be placed at all downstream headwalls. The placement of rip-rap at the downstream headwalls shall be placed immediately upon the installation of pipes and drainage ditches.
20. Silt barriers to be placed at downstream toe of all cut and fill slopes.
21. Provide silt gates at all inlet headwalls.
22. Provide sediment traps at all catch basins, junction boxes, manholes, and drop inlets.
23. Any disturbed area left exposed for a period greater than 7 days shall be stabilized with temporary seeding.
24. When any construction borders a drainage course:
a. The Contractor is responsible for removing any building or other excavation spoil dirt, construction trash or debris, etc. from the drainage course shown herein in an expeditious manner on construction progress.
b. The Contractor hereby agrees to stop all work and restore these areas immediately upon notification by the City/County/State Inspector and/or the Professional Engineer.
c. Upon completion of restoration, a professional engineer shall certify in writing to the Development Department that all clean up is complete and the drainage course restored to original conditions and grade.
25. Approved plans and NPDES duty log a must be on-site at all times.
26. The primary permittee must retain the design professional who prepared the Erosion, Sedimentation and Pollution control plan, except when the primary permittee has requested in writing and EPA has agreed to an alternate design within seven (7) days after installation. The designed professional shall determine if these BMPs have been installed and are being maintained as designed. The design professional shall report the results of the inspection to the primary permittee within seven (7) days and the permittee must correct all deficiencies within two (2) business days of receipt of the inspection report from the design professional unless weather related site conditions are such that additional time is required.
27. Amendments / Revisions to the ES&PC Plan which have significant effect on BMP's with a hydraulic component must be certified by the design professional.

WASTE DISPOSAL CONTROLS:

SOIL WASTE MATERIALS
All waste materials will be collected and stored in a securely lidded metal dumpster rented from a licensed solid waste management company in the project county. The dumpster will meet all local and any State solid waste management regulations. All trash and construction debris from the site will be deposited in the dumpster. The dumpster will be emptied a minimum of twice per week or more often if necessary, and the trash will be hauled to an approved solid waste landfill. No construction waste materials will be burned. All personnel will be instructed regarding the correct procedure for waste disposal. Notices stating these practices will be posted in the office trailer and 24-hour emergency contact will be responsible for seeing that these procedures are followed.

HAZARDOUS WASTE

All hazardous waste materials will be disposed of in the manner specified by local or State regulation or by the manufacturer. Site personnel will be instructed in these practices and 24-hour emergency contact will be responsible for seeing that these practices are followed. (See Part III.B. Spill Control Practices)

SANITARY WASTE

All sanitary waste will be collected from the portable units a minimum or three times per week by a licensed sanitary waste management contractor, as required by local regulation. Sanitary Sewer will be provided by Municipal Authority at the completion of this Project.

OFFSITE VEHICLE TRACKING

A stabilized construction entrance has been provided to help reduce vehicle tracking of sediments. The paved street adjacent to the site entrance will be swept daily to remove any excess mud, dirt or rock tracked from the site. Dump trucks hauling material from the construction site will be covered with a tarpaulin.

CONCRETE WASHOUT PIT

Temporary, below ground concrete washout pits will be constructed in designated areas. The concrete washout pits will have a length and width sufficient to contain entire concrete mixer trucks. The concrete washout pits will have sufficient quantity and volume to contain all liquid and concrete waste generated by the washout operations. The washout pits will be lined with plastic sheeting at least 10 mils thick and free of any holes or tears. Signs will be posted marking the location of the washout pits to ensure that concrete equipment operators use the proper facility. A pit should be at least 10' long by 6' wide x 4' deep.

Only concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles will be discharged to the washout pits. When the temporary washout pits have reached capacity or are no longer needed, the hardened concrete and materials used to construct the pits will be removed and disposed of in accordance with local and state regulations. Washout of the drum at the construction site is prohibitive.

Washout pits that have reached capacity but are still needed will be replaced with new pits or re-lined with new plastic sheeting after the hardened concrete and material used to construct the pits have been removed. Washout pits that are no longer needed will be backfilled, graded and stabilized after the hardened concrete and material used to construct the pits have been removed.

The washout areas will be checked daily to ensure that all concrete washing is being discharged into the washout pits, no leaks or tears are present and to identify when concrete waste needs to be removed.

MAINTENANCE/ INSPECTION PROCEDURES

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES

These are the inspection and maintenance practices that will be used to maintain erosion and sediment controls. These are one half of the site will be denuded at one time.

All control measures will be inspected at least once each week and following any storm event of 0.5 inches or greater.

All measures will be maintained in good working order; if a repair is necessary, it will be initiated within 24 hours of report.

Build up sediment will be removed from silt fence when it has reached one-third the height of the fence.

Silt fence will be inspected for depth of sediment, tears, to see if the fabric is securely attached to the fence posts, and to see that the fence posts are firmly in the ground.

The sediment basin will be inspected for depth of sediment, and built up sediment will be removed when it reaches one-third of the design capacity or at the end of the job.

Diversion dike will be inspected and any breaches promptly repaired.

Temporary and permanent seeding and planting will be inspected for bare spots, washouts, and healthy growth. A maintenance inspection report will be made after each inspection.

The 24-hour emergency contact will select individuals who will be responsible for inspections, maintenance and repair activities, and filing out the inspection and maintenance report.

Personnel selected for inspection and maintenance responsibilities will receive training from the 24-hour emergency contact. They will be trained in the inspection and maintenance practices necessary for keeping the erosion and sediment controls used on-site in good working order.

NARRATIVE DESCRIPTION:

1. OVERALL PROJECT LOCATION: Refer to the Construction Plans for the location of the Project. A location sketch has been provided on the cover sheet. NATURE: CONSTRUCTION OF A SOFTBALL PARK. SIZE: Refer to the Construction Plans for the total area of the Project. ZONING: Refer to the Construction Plans for the zoning of the Project.

2. CURRENT PHASE OF DEVELOPMENT LOCATION: Refer to the Construction Plans for the location of the current phase of the Project. A location sketch has been provided on the cover sheet. NATURE: CONSTRUCTION OF A SOFTBALL PARK. SIZE: Refer to the Construction Plans for the area of the current phase of the Project.

3. SIZE AND TYPE OF STRUCTURAL UNITS: Refer to the Construction Plans for the size, type, method and location of the structural units. SIZE AND TYPE OF PAVED AREA: Refer to the Construction Plans for the size, type and location of the paved areas within the Project. SIZE AND TYPE OF GREENBELT AREA: Refer to the Construction Plans for the size, type and location of the greenbelt areas within the Project.

4. STARTING DATE OF INITIAL LAND DISTURBING ACTIVITY: 15-Nov-18 DATE EXPECTED FINAL STABILIZATION WILL BE COMPLETE: 15-Nov-18

5. EXISTING EROSION AND SEDIMENT CONTROL PROBLEMS: There are no existing erosion and sediment control problems known to this engineer. PROPOSED EROSION AND SEDIMENT CONTROL PROBLEMS: The construction and maintenance of all erosion and sediment control features as shown on the Construction Plans will provide sediment control for this Project.

6. PURPOSE OF PROPOSED SEDIMENT CONTROL PROGRAM: The purpose of the proposed sediment control program is to control soil erosion and sediment deposition. NATURE OF PROPOSED SEDIMENT CONTROL PROGRAM: Refer to the Construction Plans for the Project for the nature of the proposed sediment control facilities. EXTENT OF PROPOSED SEDIMENT CONTROL PROGRAM: Refer to the Construction Plans for the Project for the extent of the proposed sediment control facilities.

7. PROPOSED STORM WATER MANAGEMENT PROGRAM FOR THE DEVELOPMENT: Detention has been provided for this development to control the peak discharge rate. Refer to the Hydrology Study and the Construction Plans for the Project for details of the storm water management program. EFFECT OF THE DEVELOPMENT ON DOWNSTREAM FACILITIES: This development will have no adverse effect on the downstream facilities. Detention has been provided for this development that will reduce the developed peak rate of runoff to a discharge rate less than or equal to the existing peak rate of runoff. The velocity of the discharge system has been reduced to a non-erosive velocity.

8. MAJOR TOPOGRAPHIC FEATURES, STREAMS, EXISTING SOIL TYPES AND VEGETATION LOCATED ON THE PROJECT SITE: Refer to the Construction Plans for this Project for these items.

9. MAINTENANCE PROGRAMS FOR THE SEDIMENT CONTROL FACILITIES INSPECTION FREQUENCY: All sediment control facilities will be inspected weekly and after each rainfall event by the General Contractor. VEGETATIVE PROGRAMS: Refer to the Construction Plans for the Project for the location and type of plantings required for this development.

REPAIR PROCEDURES: The Contractor is to repair all sediment control facilities to the minimum standards shown on the Construction Plans immediately. The Contractor is to notify the Engineer of any problem with sediment control on the project. FREQUENCY OF REMOVAL AND DISPOSITION OF SOLID WASTE: The Contractor is to remove sediment from the sediment control facility (i.e. sediment basins, silt fences, etc.) whenever the sediment has deposited to a depth of 1/3 of the total depth of the sediment control facility.

DISPOSITION OF TEMPORARY SEDIMENT STRUCTURAL MEASURES: The temporary sediment structural measures shall remain in place until the site has been stabilized. The structures should then be removed and all disturbed areas should be re-stabilized.

CONTROLS

1. STABILIZATION MEASURES: A description of interim and permanent stabilization measures, including site-specific schedules for the implementation of the measures. Refer to the Construction Plans for the description and schedule of the interim and permanent stabilization measures. All disturbed areas shall be seeded or stabilized within 14 days of disturbance. Site plans should ensure that existing vegetation is preserved and that disturbed portions of the site are stabilized. Refer to the Construction Plans for the limits of clearing and disturbed area stabilization. All disturbed areas shall be seeded or stabilized within 14 days of disturbance. Stabilization measures may include: temporary seeding, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of mature vegetation, and other appropriate measures. Refer to the Construction Plans for stabilization methods and location within the Project. Stabilization shall also include impervious surfaces to reduce major grading activities where major grading activities are planned. Activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated shall be included in the Plan. Refer to the Construction Plans for the approximate dates of the construction activities. Except as provided, stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased. Refer to the Construction Plans for type of stabilization methods and the approximate date. All disturbed areas shall be seeded or stabilized within 14 days of disturbance.

2. STRUCTURAL PRACTICES: A description of structural practices to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site to the degree attainable. Such practices may include silt fences, earth dikes, drainage swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drainage inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. Structural practices should be placed on upland soils to the degree attainable. The installation of these devices may be subject to Section 404 of the CWA. Refer to the Construction Plans for the location, size and type of the structural practice within the Project.

3. SEDIMENT BASINS: For common drainage locations a temporary (or permanent) sediment basin providing at least 1800 cubic feet (67 cubic yards) of storage per acre drained, or equivalent control measures, shall be provided until final stabilization of the site. The 1800 cubic feet (67 cubic yards) of storage area per acre shall not apply to flows from off-site areas and flows from on-site areas that are either undisturbed or have undergone final stabilization where such flows are diverted around both the disturbed area and the sediment basin. For drainage locations where a temporary sediment basin providing at least 1800 cubic feet (67 cubic yards) of storage per acre drained, or equivalent control measures, shall be provided until final stabilization of the site. The 1800 cubic feet (67 cubic yards) of storage area per acre shall not apply to flows from off-site areas and flows from on-site areas that are either undisturbed or have undergone final stabilization where such flows are diverted around both the disturbed area and the sediment basin. For drainage locations where a temporary sediment basin providing at least 1800 cubic feet (67 cubic yards) of storage per acre drained, or equivalent control measures, shall be provided until final stabilization of the site. The 1800 cubic feet (67 cubic yards) of storage area per acre shall not apply to flows from off-site areas and flows from on-site areas that are either undisturbed or have undergone final stabilization where such flows are diverted around both the disturbed area and the sediment basin.

4. ALTERNATE AND HIGH PERFORMANCE BMPs: The use of alternate BMPs whose performance has been documented to be equivalent or superior to conventional BMPs as certified by a Design Professional may be used (including, but not limited to, vegetative buffers, vegetative filter strips, vegetative infiltration trenches, deep berms, sand filters, dry wells, polyacrylamide, etc.) for minimizing point source discharges except for large rainfall events is encouraged. The location of the alternate and high performance BMPs, if they are being used, are shown on the plans. The performance data is included with the detail.

5. STORM WATER MANAGEMENT: A description of measures that will be installed during the construction process to control erosion and sediment discharges that will occur after construction operations have been completed. Structural measures should be placed on upland soils to the degree attainable. The installation of these devices may be subject to Section 404 of the CWA. This permit only addresses the installation of storm water management facilities. The operation and maintenance of such structures after the construction activities have been completed and the site has undergone final stabilization. Operators are only responsible for the installation and maintenance of storm water management measures prior to final stabilization of the site, and are not responsible for the operation and maintenance of such structures after final stabilization of the site. Refer to the Construction Plans for the location and design of the measures of the storm water management facilities. Refer to the Hydrology Study for the design calculations of the storm water management facilities. Additional storage volume for storm storage volume has been provided to allow additional settlement of suspended solids and for the treatment of pollutants as required by local ordinances.

6. STORM WATER MANAGEMENT FACILITIES: Such practices may include: storm water detention structures (including wet ponds); storm water retention structures; flow attenuation by use of open vegetated swales and natural depressions; infiltration of runoff onsite; and sequential systems (which combine several practices). The Plan shall include an explanation of the technical basis for the design of the storm water management facilities where flows exceed pre-development levels. Refer to the Construction Plans for the location and type of the storm water management facilities.

7. Velocity dissipation devices shall be placed at discharge locations and along the length of any outfall channel for the purpose of providing a non-erosive velocity that will from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g. no significant changes in the hydrological regime of the receiving water(s)). Refer to the Construction Plans for the location and size of the rip-rap storm drainage outlet protection, check dams and rock filter dams. These structures will provide velocity dissipation in the developed flow to a non-erosive velocity in the watercourse.

8. GREEN INFRASTRUCTURE: Installation and use of green infrastructure approaches and practices that mimic natural processes and storm water discharges that will occur after construction operations have been completed. Green infrastructure practices are encouraged to the maximum extent practicable. Green infrastructure practices or approaches include: permeable pavement, vegetated swales instead of curbs and gutters, green roofs, tree boxes, rain gardens, constructed wetlands, infiltration planters, vegetated median strips, protection and enhancement of riparian buffers and floodplains, and the overall reduction in site disturbance and site disturbance. Design information on Green Infrastructure practices and other ways to manage storm water can be found in the Georgia Stormwater Management Manual (www.georgiastormwater.com) and the Georgia Green Growth Guidelines (www.coolwater.org/cwa/green/guide). Additional information on green infrastructure can be found at www.epa.gov/infrastructure/greeninfrastructure/index.cfm.

9. WASTE DISPOSAL: Locate waste collection areas away from streets, gutters, watercourses and storm drains. Waste collection areas, such as dumpsters, are often best located near construction site entrances to minimize traffic on disturbed soils. The Plan should include secondary containment around liquid waste collection areas to further minimize the likelihood of contaminated discharges. Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit.

10. OFF-SITE VEHICLE TRACKING OF dirt, soils, and sediments and the generation of dust shall be minimized or eliminated to the maximum extent practical. The Plan shall include the best management practice to be implemented at the site or common development. Refer to the Construction Plans for the location of the construction exit to control the off-site vehicle tracking of dirt, soils and sediments. All vehicles leaving the Project shall exit via the construction exit. All disturbed areas shall be covered with mulch, temporary or permanent vegetation and/or impervious surfaces as soon as practical. All other areas shall be sprayed with an adhesive-water solution as required to control dust from the Project. Construction traffic shall be kept off of these areas as much as possible.

11. Nothing in this permit relieves a permittee from any obligation to comply with all applicable State and local regulations of waste disposal, sanitary sewer, septic and petroleum storage systems. Refer to the Construction Plans for the location of the solid waste collection area. All solid waste from this Project shall be disposed in the solid waste collection container and taken to an approved landfill. Refer to the Construction Plans for the location and size of the sanitary sewer or septic tank design shall be approved by the Local Jurisdiction prior to construction. (See continuation on Sanitary Waste note)

12. PETROLEUM SPILLS AND LEAKS: Refer to the Construction Plans for the location of the fueling and equipment storage areas for the Project. All fuel storage shall be provided off-site. All fueling and equipment storage shall be performed at the designated location shown on the Plans. A covered fifty-five gallon drum and a shovel shall be placed at this location. All spills during fueling or leaks from the equipment shall be removed to full depth of soil contamination and the soil shall be placed in the drum. When the drum is full, the drum shall be properly disposed of at an approved hazardous waste landfill. Any spill of over twenty-five gallons must be reported to the Georgia Environment Protection Department at 1-800-241-4113 and the National Response Center at 1-800-424-8802. The Plan does not authorize the discharge of hazardous substances or oil resulting from an onsite spill.

13. MAINTENANCE: A description of procedures to ensure the timely maintenance of vegetation, erosion and sediment control measures and other protective measures identified in the site plan in good and effective operating condition. Refer to the Construction Plans for all maintenance and operation procedures of the vegetation, erosion and sediment control measures and other protective measures. The Owner of the property is responsible to ensure that proper maintenance is performed on all measures.

14. INSPECTIONS: An inspection schedule must be incorporated in the Erosion, Sedimentation and Pollution Control Plan that is in compliance with the requirements of Part IV.D.4. of the permit. Refer to the Construction Plans for the inspection schedule of all vegetation, erosion and sediment control measures and other protective measures. All measures shall be inspected by the Contractor at least once a week and after every rain event. Refer to the Comprehensive Monitoring Program for details of this inspection.

15. NON-STORM WATER DISCHARGES: Except for flows from fire fighting activities, sources of non-storm water listed in Part III.B.2. of this permit that are combined with storm water discharges associated with construction activity must be identified in the Plan. The Plan shall identify and ensure the implementation of appropriate pollution measures for the non-storm water component(s) of the discharge. The following non-storm water discharges are made part of the Erosion, Sedimentation and Pollution Control Plan: discharge from fire fighting activities; fire hydrant flushing; potable water sources including water line flushing; irrigation drainage; air conditioning condensate; springs; uncontaminated ground water; and foundation or footing drains where flows are not contaminated with process materials or pollutants. All discharges shall be at non-erosive velocities or shall be reduced through the use of velocity dissipation devices.

16. All permittees are required to minimize the discharge of pollutants from dewatering trenches and excavations. Discharges are prohibited unless managed by appropriate controls.

EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN

1. Stripping of vegetation, grading, and other development activities shall be conducted in such a manner so as to minimize erosion. The minimum area of disturbance for this Project has been shown on the Plans. Refer to the Construction Plans for the limits of clearing for this Project.

2. Cut and fill operations shall be kept to a minimum. The minimum amount of grading for this Project has been shown on the Plans. Refer to the Construction Plans for the proposed grading for this Project.

3. Development plans must conform to topography and soil type, so as to create the lowest practical erosion potential. The layout of the Project was designed to conform to the topography and soil type within the Project wherever possible except where the property lines, easements and buffers have modified this layout. The lowest practical erosion potential has been designed into the Plans. Erosion control measures have been installed to reduce the erosion potential in critical areas. Refer to the Construction Plans for the location of the vegetative and structural erosion control measures for this Project.

4. Whenever feasible, natural vegetation shall be retained, protected, and supplemented. The minimum area of disturbance for this Project has been shown on the Plans. Tree Protection fence or top has been installed at the limits of clearing. Additional vegetation has been added to compensate for the removal of the existing vegetation as required by the Issuing Authority. Refer to the Construction Plans for the limits of clearing, tree protection measures and landscaping for this Project.

5. The disturbed area and the duration of exposure to erosive elements shall be kept to a practicable minimum. The minimum area of disturbance for this Project has been shown on the Plans. All disturbed areas are to be seeded within 7 days of completion of disturbance. Temporary seeding may be required during construction depending on the site conditions. Refer to the Construction Plans for the limits of clearing for this Project.

6. Disturbed soil shall be stabilized as quickly as practicable. All disturbed areas are to be seeded within 7 days of completion of disturbance. Temporary seeding may be required during construction depending on the site conditions. Refer to the Construction Plans for the stabilization methods and critical areas for this Project.

7. Temporary vegetation or mulching shall be employed to protect exposed critical areas during development. All disturbed areas are to be seeded within 7 days of completion of disturbance. Temporary seeding may be required during construction depending on the site conditions. Refer to the Construction Plans for the stabilization methods and critical areas for this Project.

8. Permanent vegetation and structural erosion control measures shall be installed as soon as practicable. All disturbed areas are to be seeded within 7 days of completion of disturbance. Temporary seeding may be required during construction depending on the site conditions. Refer to the Construction Plans for the stabilization methods and structural erosion control measures for this Project.

9. To the extent necessary, sediment in run-off water shall be trapped by the use of debris basins, silt traps, or similar measures until erosion control is stabilized. Refer to the Construction Plans for the location of the structural erosion control measures for this Project.

10. Adequate provisions shall be provided to minimize damage from surface water to the cut face of excavations or the sloping surfaces of fills. All slopes are to be surfaced roughened prior to placement of seed. All slopes are to be seeded within 7 days of completion of disturbance. Mulching shall be placed on all slopes that have not been stabilized prior to the arrival of inclement weather. Temporary seeding may be required during construction depending on the site conditions. Down drain structures (temporary or permanent) and diversions are to be installed where shown. Erosion control matting and blankets are to be installed where shown. Refer to the Construction Plans for the location of the structural erosion control measures for this Project.

11. Cuts and fills shall not endanger adjoining property. Refer to the Construction Plans for the location of the top and toe of the cut and fill slopes for this development. Adequate provisions have been made to protect the adjacent property from the slopes of this Project.

12. Fills shall not encroach upon natural water courses or constructed channels in a manner so as to adversely affect other property owners. Refer to the Construction Plans for the location of the toe of the fill slopes adjacent to the natural water courses within this Project.

13. Grading equipment shall cross flowing streams by the means of bridges or culverts, except when such methods are not feasible, provided in any case that such crossings shall be kept to a minimum. Refer to the Construction Plans for the location of any stream crossing and the structural erosion control measures for this Project.

14. Provisions shall be provided for treatment or control of any source of sediments and adequate sedimentation control facilities to retain sediments on site or preclude sedimentation or adjacent waters beyond the levels specified in this permit. Refer to the Construction Plans for the location of the structural erosion control measures for this Project. Refer to the Comprehensive Monitoring Program for the monitoring procedures of the structural erosion control measures for this Project.

15. Except as provided in Note 16, below, no construction activities shall be conducted within a 25 foot buffer along the banks of all state waters, as measured horizontally from the point where vegetation has been wrested by normal stream flow or wave action, except where the Director has determined to allow a variance that is at least as protective of natural resources and the environment in accordance with the provisions of O.C.G.A. 12-7-6, or where a drainage structure or a roadway drainage structure must be constructed, provided that adequate erosion control measures are incorporated in the project plans and specifications and are implemented. Refer to the Construction Plans for the location of any state waters buffer disturbance for this Project.

16. No construction activities shall be conducted within a 50 foot buffer, as measured horizontally from the point where vegetation has been wrested by normal stream flow or wave action, along the banks of any state waters classified as "trout streams" except when approved is granted by the Director for alternate buffer requirements in accordance with the provisions of O.C.G.A. 12-7-6, or where a roadway drainage structure must be constructed, provided, however, that small springs and streams classified as "trout streams" where the average discharge on average annual flow of 25 gallons per minute or less shall have a 25 foot buffer or they may be piped, at the discretion of the permittee, pursuant to the terms of a rule providing for a general variance promulgated by the Board of Natural Resources including notification of such to EFD and the local issuing authority of the location and extent of the piping and prescribed methodology for minimizing the impact of such piping and for measuring the volume of water discharged by the stream. Any such pipe must stop short of the downstream permittee's property, and the permittee must comply with the buffer requirements for any adjacent trout streams. Refer to the Construction Plans for the location of any trout stream buffer disturbance for this Project. No trout streams are located within the limits of this Project.

17. Except as provided above, for buffers required pursuant to Notes 15 and 16, no construction activities shall be conducted within a buffer and/or a natural, undisturbed, state of vegetation until all land-disturbing activities on the construction site are completed. Between the time final stabilization of the site is achieved and upon the submital of a Notice of Termination, a buffer may be thinned or trimmed of vegetation as long as a protective vegetative cover remains to protect water quality and aquatic habitat and a natural canopy is left in sufficient quantity to keep shade on the stream bed.

18. "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of vested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."

SITE DESCRIPTION AND INFORMATION

1. A DESCRIPTION OF THE NATURE OF THE CONSTRUCTION ACTIVITY: CONSTRUCTION OF A SOFTBALL PARK.

2. A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH DISTURB SOIL FOR MAJOR PORTIONS OF THE SITE: Refer to the Construction Plans for the description of the intended sequence of major activities and the approximate schedule for these activities.

3. TOTAL AREA OF SITE: 22.06 TOTAL DISTURBED AREA OF SITE: ± 9.22

4. PRE-CONSTRUCTION RUNOFF COEFFICIENT: C=0.30 POST-CONSTRUCTION RUNOFF COEFFICIENT: C=0.27 EXISTING SOIL DATA: Refer to the Construction Plans for the Soil Type Chart.

5. A SITE MAP INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTIPOATED AFTER MAJOR GRADING ACTIVITIES, AREAS OF SOIL DISTURBANCE, AN OUTLINE OF AREAS WHICH ARE NOT TO BE DISTURBED, THE LOCATION OF MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS IDENTIFIED IN THE PLAN, THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS (INCLUDING WETLANDS) AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO A SURFACE WATER: Refer to the Construction Plans for the drainage patterns and slopes, limits of clearing, location of structural and non structural control items, location and type of stabilization practices, location of surface waters and storm water discharge locations.

6. RECEIVING WATERS: UNNAMED TRIBUTARY TO ROCKY CREEK AREA OF WETLANDS: XX ACRES The receiving waters are an unnamed tributary to Rocky Creek and is not located within one (1) linear mile of and within the same watershed as, any portion of an Impaired Stream Segment identified as "not supporting" its designated use(s) shown on Georgia's most recent and subsequent 302(b)/303(d) List Documents ("List") for the criteria listed, "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macroinvertebrate Community), within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff) at www.gspnd.org/Documents/305b.html

The site discharges into a receiving waters that is not listed as an Impaired Stream Segment (identified in item 22 on the checklist), therefore a TMDL Implementation plan for sediment is not required.

A TMDL Implementation plan for sediment has not been finalized for the Impaired Stream Segment (identified in item 22 on the checklist) at least six months prior to submital of the NOI, the ES&PC Plan does not address any site-specific conditions or requirements included in the TMDL Implementation Plan.

A TMDL Implementation plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22 on the checklist) at least six months prior to submital of the NOI, the ES&PC Plan addresses any site-specific conditions or requirements included in the TMDL Implementation Plan.

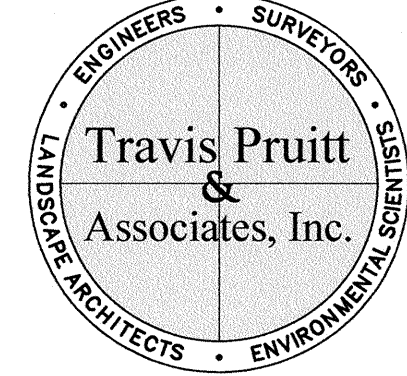
7. SECONDARY PERMITTEES: There are no Secondary Permittees for this Standalone Project. All sub-contractors are under the direct control of the Primary Permittee.

8. EXISTING SOILS INFORMATION: Refer to Soil Chart


9. EXISTING RUNOFF WATER QUALITY: None available

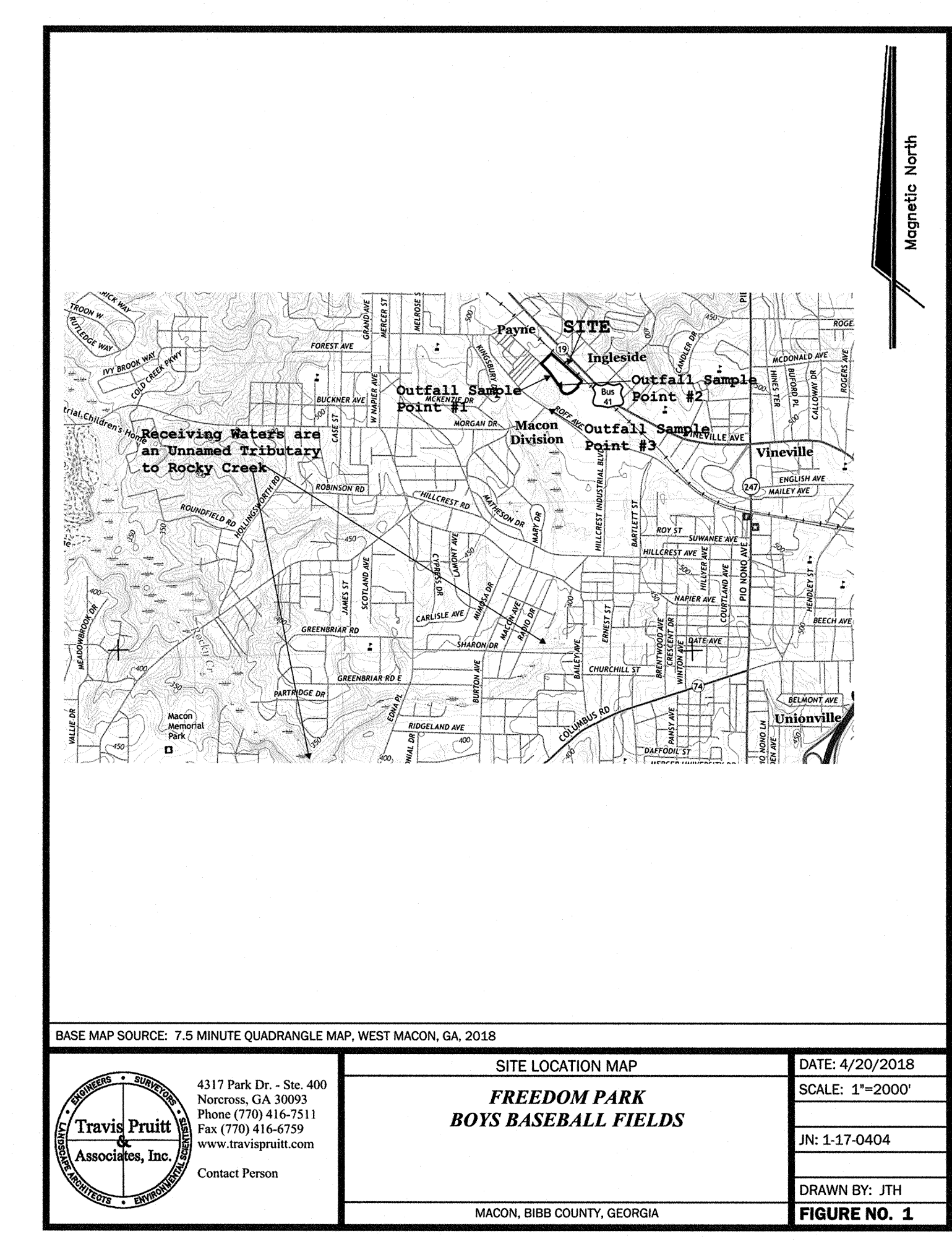
10. LOCATION OF SURFACE WATERS ON THE CONSTRUCTION SITE: Refer to the Construction Plans for the location and limits of any surface waters on this site.

NO.	DATE	DESCRIPTION	BY
7			
6			
5			
4			
3			
2			
1	12/01/17	PROGRESS SET	
	07-03-18	ADDRESS REVIEW COMMENTS	
		SGF	
		SGF	


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NPDES NOTES
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT


 For The Firm Travis Pruitt & Associates, Inc.
 DATE: 5/18/2018
 SCALE: N/A
 THERE ARE STATE WATERS WITHIN 200 FEET OF THE SITE.
 THERE ARE WETLANDS ON THE SITE.
 FLOOD HAZARD NOTE:
 PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DEFINED BY THE F.I.A.A. FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 4/2/2017, DATED 1/30/2017.
 INDEX NO. C09.04
 SHEET NO. 036



EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
STAND ALONE CONSTRUCTION PROJECTS
 Project Name: Freedom Park Boys Baseball Fields Address: Land Lots 2 and 3 of the 11th District
 City/County: Macon/ Bibb County Date on Plans: 5/18/2018
 Name and email of person filling out checklist: John Hollenbeck, jhollenbeck@travispruitt.com

Page #	Included	Y/N
C9.4		Y/N
ALL		Y
C6.1-8.1		Y
C6.1-8.2		Y
C9.2		Y
C9.4		Y
ALL		Y
C9.3		Y
C9.4		Y
C9.2/3		Y
C9.2		Y
C9.2		Y
C9.3		Y
C6.1-8.1		Y
C9.1/3		Y
C9.3		Y

1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. (The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed.)

2 Level II certification number issued by the Commission, signature and seal of the certified design professional. (Signature, seal and Level II number must be on each sheet pertaining to ES&PC plan or the Plan will not be reviewed.)

3 Limits of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the EPD District Office. If EPD approves the request to disturb 50 acres or more at any one time, the plan must include at least 4 of the BMPs listed in Appendix 1 of this checklist. (A copy of the written approval by EPD must be attached to the plan for the plan to be reviewed.)

4 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution control.

5 Provide the name, address and phone number of primary permittee.

6 Note total and disturbed acreage of the project or phase under construction.

7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.

8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revision.

9 Description of the nature of construction activity.

10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary, residential areas, wetlands, marshlands, etc. which may be affected.

11 Provide the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.

12 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on page 15 of the permit.

13 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on page 15 of the permit.

14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation."

15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of vested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."

16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.

17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional."

18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit."

19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."

20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."

21 Clearly note the statement: "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."

22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of an Impaired Stream Segment must comply with Part III, C. of the Permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment."

23 A TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan."

24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited."

25 Provide BMPs for the remediation of all petroleum spills and leaks.

26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed."

27 Description of the practices that will be used to reduce the pollutants in storm water discharges."

28 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).

29 Provide complete requirements of inspections and record keeping by the primary permittee."

30 Provide complete requirements of sampling frequency and reporting of sampling results."

31 Provide complete details for retention of records as per Part IV.F. of the permit."

32 Description of analytical methods to be used to collect and analyze the samples from each location."

33 Appendix B rationale for NTU values at all outfall sampling points where applicable."

34 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged."

35 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the plan may combine all of the BMPs into a single phase."

36 Graphic scale and North arrow.

37 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:

Map Scale	Ground Slope	Contour Intervals, ft.
1 inch = 100ft or larger scale	Flat 0 - 2% Rolling 2 - 8% Steep 8% +	0.5 or 1 1 or 2 2.5 or 10

38 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gswcc.org.

39 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition."

40 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to state waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

41 Delineation of on-site wetlands and all state waters located on and within 200 feet of the project site.

42 Delineation and acreage of contributing drainage basins on the project site.

43 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions."

44 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.

45 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.

46 Soil series for the project site and their delineation.

47 The limits of disturbance for each phase of construction.

48 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual included for structural BMPs and all calculations used by the storage design professional to obtain the required sediment when using equivalent controls. When discharging from sediment basins and impoundments, permisses are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the plan.

49 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.

50 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.

51 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of the year that seeding will take place and for the appropriate geographic region of Georgia.

*If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream the "checklist items would be N/A. Effective January 1, 2018

Owner's Name: Macon-Bibb County Parks and Recreation Department Phone: 478-751-9280
 Email Address: walker@maconbibb.us
 Address: 150 Willie Smoke Glover Drive City: Macon State: GA Zip Code: 31201
 Duty Authorized Representative(s) (optional): Robert Walker Phone: 478-731-0764
 Email Address: N/A
 Operator's Name (optional): N/A Phone: N/A
 Email Address: N/A
 Address: N/A City: N/A State: N/A Zip Code: N/A
 Facility/Construction Site Contact: Robert Walker Phone: 478-731-0764
 Email Address: walker@maconbibb.us

II. CONSTRUCTION SITE ACTIVITY INFORMATION AND FEE CALCULATIONS
 Start Date (month/date/year): 11 / 15 / 2017 Completion Date (month/date/year): 11 / 15 / 2018
 Is this construction site activity regulated by a certified Local Issuing Authority (LIA)? YES NO
 If Yes, Name of Local Issuing Authority: _____

NOTE: Instructions for fee calculations have been provided on Pages 6 - 7.

Acres Disturbed (to the nearest tenth (1/10th) acre) Regulated by a certified Local Issuing Authority 9.22 X \$40/acre = \$368.80 (acres)

Acres Disturbed (to the nearest tenth (1/10th) acre) In an area with no certified Local Issuing Authority X \$80/acre = _____ (acres)

Acres Disturbed (to the nearest tenth (1/10th) acre) By an entity or activity exempt from a certified Local Issuing Authority's regulation pursuant to statute X \$80/acre = _____ (acres)

TOTAL FEE SUBMITTED = \$368.80

PLEASE MAKE CHECKS PAYABLE TO: Department of Natural Resources - EPD
DO NOT MAIL CASH Name on Check/Money Order: Travis Pruitt & Associates, Inc.
 Check/Money Order Number: _____
 Check/Money Order Amount: \$368.80
(Do Not Include Fees Payable to the LIA)
 Number of Secondary Permittees (applicable only to General NPDES Permit No. GAR100003): 0

Does the Erosion, Sedimentation and Pollution Control Plan (Plan) provide for disturbing more than 50 acres at any one time for each individual permittee (i.e., primary, secondary or tertiary permittees), or more than 50 contiguous acres total at any one time? (Check Only One):

YES - / / Date of EPD Written Authorization (month/date/year)
 NO
 N/A - If construction activities are covered under the General NPDES Permit No. GAR100002 for infrastructure construction projects.

Construction Activity Type:
 Commercial Industrial Municipal/ Institutional Mixed Use Water Quality/Aquatic Habitat Restoration
 Linear Utility Residential Agricultural Buildings Other _____

III. RECEIVING WATER INFORMATION

A. Name of Initial Receiving Water(s): Unnamed Tributary to Rocky Creek
 Trout Stream Water Supporting Warm Water Fisheries

B. Name of MS4 Owner/Operator (if applicable): City of Macon
 Name of Receiving Water(s): Unnamed Tributary to Rocky Creek
 Trout Stream Water Supporting Warm Water Fisheries

C. Sampling of Receiving Stream(s): N/A Trout Stream Water Supporting Warm Water Fisheries 10 NTU 25 NTU

D. Sampling of Outfalls: N/A Trout Stream Water Supporting Warm Water Fisheries
 A summary chart (if applicable) delineating the following information for each outfall must be attached:
 Number of Sampling Outfalls: 3 Construction Site Size (acres): 22.06
 Appendix B NTU Value: 75 Surface Water Drainage Area (square miles): 0.499miles²

E. Does the facility/construction site discharge storm water into an Impaired Stream Segment, or within one (1) linear mile upstream of and within the same watershed as, any portion of an Impaired Stream Segment identified as "not supporting" its designated use(s), as shown on Georgia's most current "305(b)(3)(c)(4) List Documents (Final)" listed for the criteria violated, "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macroinvertebrate Community), within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff)? (Check Only One):
 YES, Name of Impaired Stream Segment(s): _____
 NO (Georgia's 305(b)(3)(c)(4) List Documents (Final) can be viewed on the EPD website, [http://eod.gdca.org/georgia-305\(b\)\(3\)\(c\)\(4\)-list-documents/](http://eod.gdca.org/georgia-305(b)(3)(c)(4)-list-documents/))

F. Does the facility/construction site discharge storm water into an Impaired Stream Segment where a Total Maximum Daily Load (TMDL) Implementation Plan for "sediment" was finalized at least six (6) months prior to the submittal of the initial NOI? (Check Only One):
 YES, Name of Impaired Stream Segment(s): _____
 NO
 (List of TMDL Implementation Plans can be viewed on the EPD website, <http://epd.georgia.gov/total-maximum-daily-loadings/>)

IV. ATTACHMENTS (Applicable Only to Initial Notifications for New Facilities/Construction Sites)
 Indicate if the items listed below are attached to this Notice of Intent:
 Location map identifying the receiving water(s), outfall(s) or combination thereof to be monitored. Include Written description and location map identifying the Impaired Stream Segment(s) when applicable.
 Erosion, Sedimentation and Pollution Control Plan (if the project is greater than 50 acres regardless of the existence of a certified Local Issuing Authority in the jurisdiction OR if the project is in a jurisdiction where there is no certified Local Issuing Authority regulating that project regardless of acreage). The Plan may be submitted as a Portable Document File (PDF) file on CD-ROM or other storage device.
 Written authorization from the appropriate EPD District Office if the Plan disturbs more than 50 acres at any one time for each individual permittee (i.e., primary, secondary or tertiary permittees), or more than 50 contiguous acres total at any one time (applicable only to General NPDES Permits No. GAR100001 and No. GAR100003).
ATTACHMENTS (Applicable Only to Change of Information Notifications for Existing Facilities/Construction Sites)
 Indicate if the items listed below are attached to this Notice of Intent:
 Copy of NOI previously submitted for coverage under the 2013 re-issuance of the NPDES General Permits to Discharge Storm Water Associated With Construction Activity.
 Copy of the amended Plan as per Part IV.A.4.c. of the Permit for projects where the construction activity as indicated on the Notice of Intent has changed. The amended Plan may be submitted as a Portable Document File (PDF) file on CD-ROM or other storage device.

V. CERTIFICATIONS (Owner or Operator or Both to Sign as Applicable)

A. I certify that to the best of my knowledge and belief, that the Erosion, Sedimentation and Pollution Control Plan (Plan) was prepared by a design professional, as defined by this permit, that has completed the appropriate certification course approved by the Georgia Soil and Water Conservation Commission in accordance with the provisions of O.C.G.A. 12-7-19 and that I will adhere to the Plan and comply with all applicable requirements of this permit.
AND
 B. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that certified personal property gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Owner's Printed Name: _____ Title: _____
 Signature: _____ Date: _____
 AND/OR
 Operator's Printed Name: _____ Title: _____
 Signature: _____ Date: _____

IMPORTANT - Notice of Intent (NOI) is not valid if:
 Form is incomplete or fields are missing information.
 Signatures by the owner and/or operator are missing in Section V. Certifications.
 Signed copies are not received at the appropriate EPD District Office. Mailing addresses listed on Pages 9 - 10.
 Check/Money Order not received at the EPD P.O. Box address listed below.

NOTICE OF INTENT
VERSION June 2015
 State of Georgia
 Department of Natural Resources
 Environmental Protection Division
For Coverage Under the 2013 Re-Issuance of the NPDES General Permits To Discharge Storm Water Associated With Construction Activity
THESE PERMITS EXPIRE JULY 31, 2018
PRIMARY PERMITTEE

NOTICE OF INTENT (Check Only One):
 Initial Notification - (New Facility/Construction Site)
 Change of Information - (Existing Facility/Construction Site)

COVERAGE DESIRED (Check Only One):
 GAR100001 - Stand Alone GAR100002 - Infrastructure GAR100003 - Common Development

I. SITE/OWNER/OPERATOR INFORMATION
 Project Construction Site Name: Freedom Park - Boys Baseball Field
 GPS Location of Construction Exit of Stand Alone or Common Development Project (decimal degrees):
 Latitude: 32.8492303 Longitude: 83.677324
 GPS Locations of the Beginning and End of the Infrastructure Project (decimal degrees):
 Latitude: _____ Longitude: _____
 Latitude: _____ Longitude: _____
 (To convert to decimal degrees, see <http://www.fcc.gov/encyclopedia/degrees-minutes-seconds-to-form-decimal-degrees>)
 Construction Site Location (e.g., street address): Land Lots 2 & 3, 11th District
 City (applicable if the site is located within the jurisdictional boundaries of the municipality): Macon
 County or Counties: Bibb
 Common Development Name (applicable only to General NPDES Permit No. GAR100003): N/A

Revised June 2015

For Official Use Only

Revised June 2015

Revised June 2015

Revised June 2015

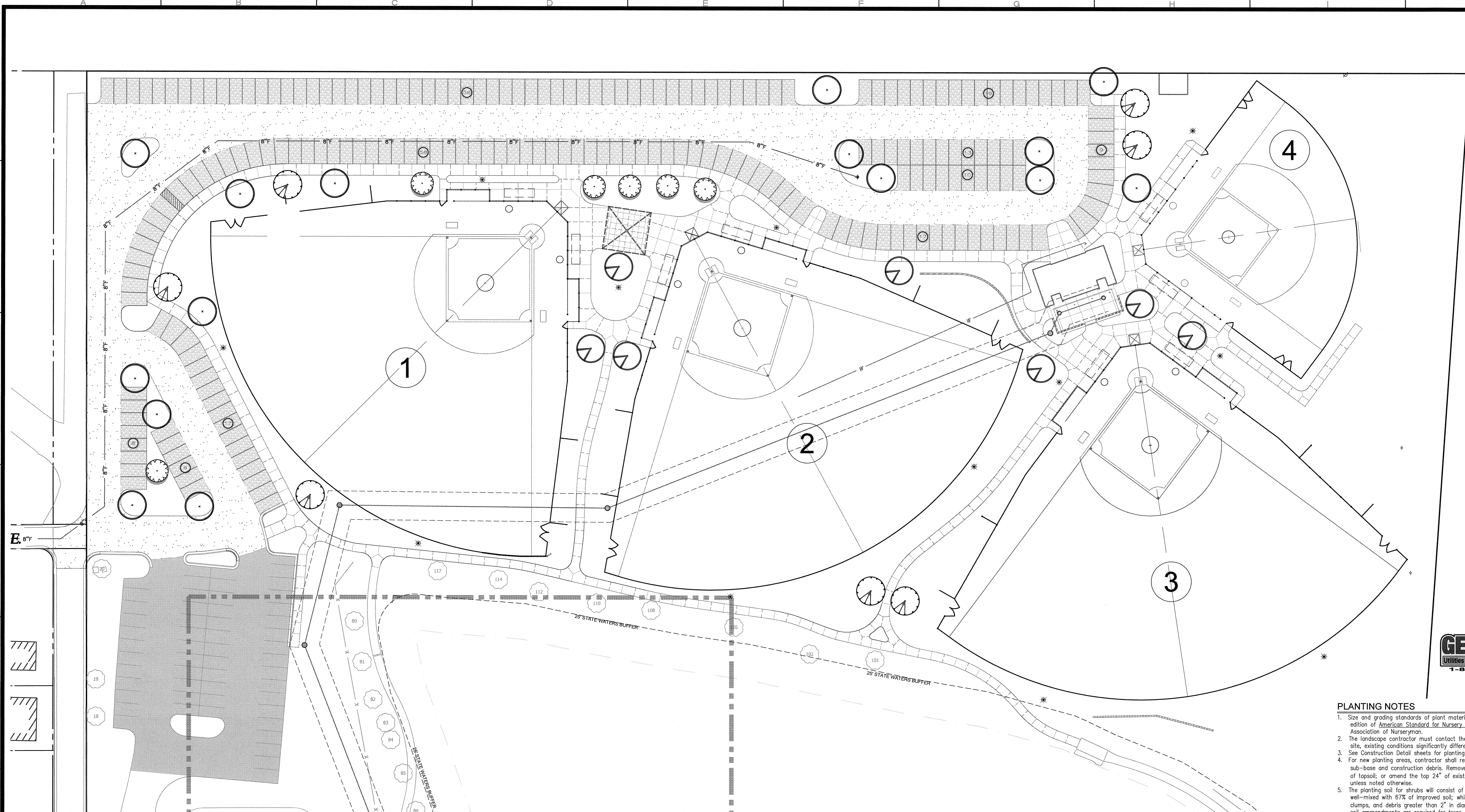
Revised June 2015

Page 1

Page 2

Page 3

Page 4



REVISIONS			
NO.	DATE	DESCRIPTION	BY
7			
6			
5			
4			
3	07-03-18	ADDRESS REVIEW COMMENTS	SGF
2	12/01/17	PROGRESS SET	SGF
1			


Travis Pruitt & Associates, Inc.
 4317 Park Drive, Suite 400
 Norcross, Georgia 30093
 Phone: (770)416-7511 Fax: (770)416-6759
 www.travispruitt.com
 Contact Person: STEVE J BENNETT, PE

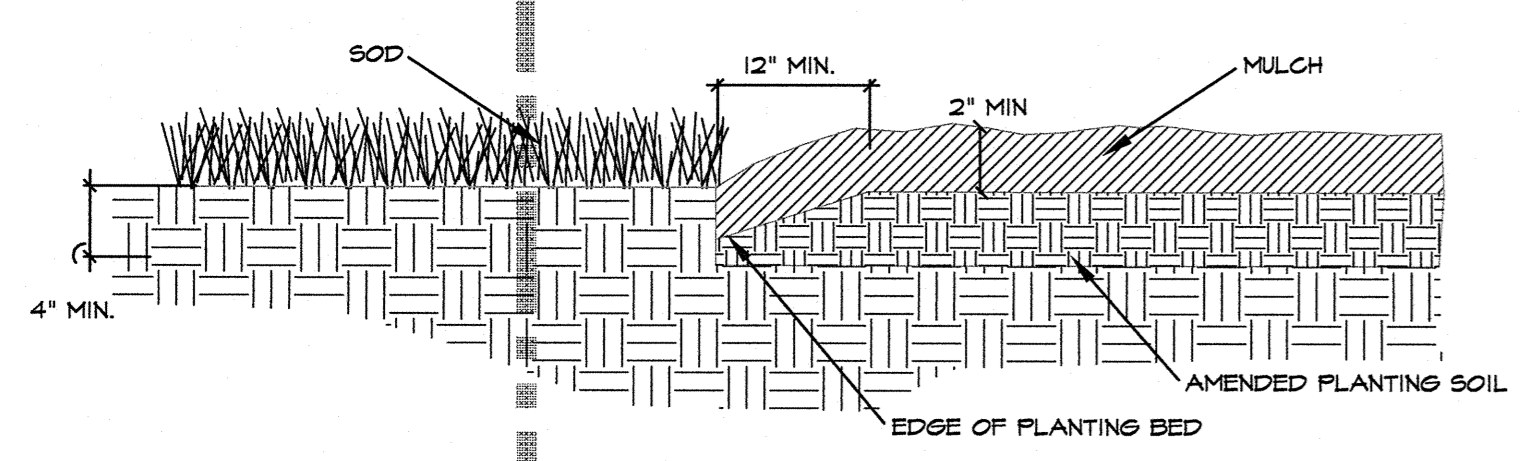


PLANTING NOTES

- Size and grading standards of plant material shall conform to the latest edition of American Standard for Nursery Stock by the American Association of Nurserymen.
- The landscape contractor must contact the engineer if, they encounter on site, existing conditions significantly different from the plan.
- See Construction Detail sheets for planting details.
- For new planting areas, contractor shall remove all pavement, gravel sub-base and construction debris. Remove compacted soil, and add 24" of topsoil; or amend the top 24" of existing soil to meet specifications, unless noted otherwise.
- The planting soil for shrubs will consist of 33% ground pine bark humus, well-mixed with 67% of improved soil; which is, excavated soil with rocks, clumps, and debris greater than 2" in diameter removed. No additional soil amendments are required for trees. Groundcover and perennial beds shall be prepared and amended according to specifications.
- All staking and top 12" of wire baskets shall be cut away and removed by the contractor from the root ball prior to backfill of planting hole. Contractor shall remove top 1/3 of burlap from the root ball.
- Contractor shall mulch all shrub beds and under trees with 3" (settled depth) of clean pine straw, unless noted otherwise.
- Minimum (9) sq. ft. planting area provided for each tree.
- All disturbed areas to be sodded with (bermuda) unless otherwise noted. All areas designated for sod must be fine graded. Level any undulations or irregularities, while maintaining positive drainage. Handrake and smooth, removing all rocks larger than 1" from the surface. Use metal screen or wooden drag on larger surfaces. Contact the landscape architect for an inspection of the fine graded surface, prior to any sod installation.
- All slopes exceeding 3:1 will be planted with groundcovers or shrubs.

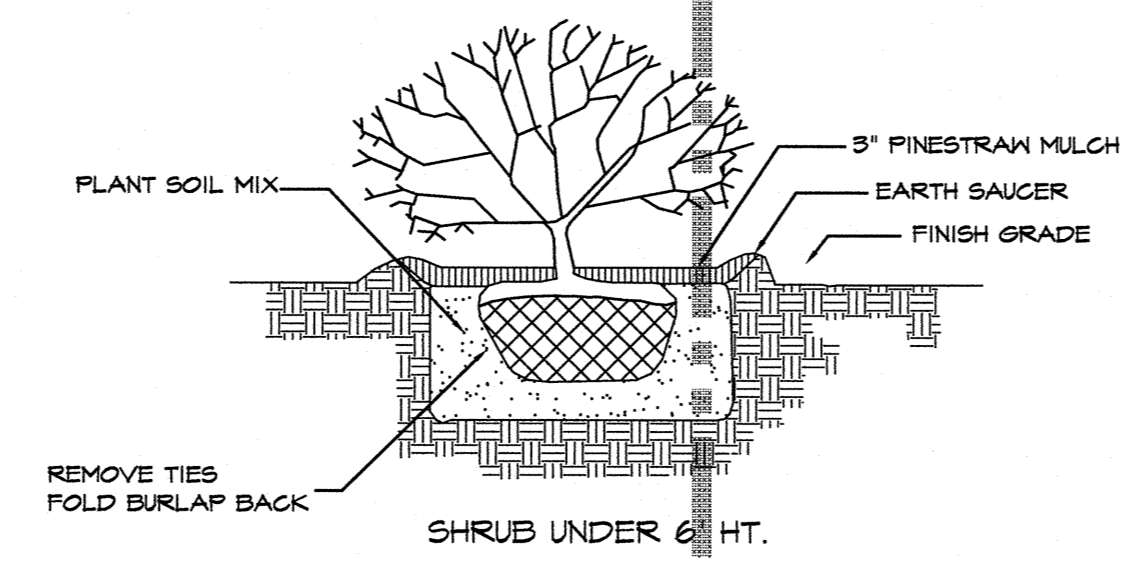
IRRIGATION NOTES

- The contractor is to provide an irrigation system, submit a plan for an automatically controlled irrigation system to the owner or the owner's representative for review and approval prior to installation. The system shall be designed to provide full and complete coverage to all landscaped areas of the site indicated on the landscape plan.
- All materials used in the design, including sprinkler heads, valves, valve boxes, controllers, pumps, backflow preventors, rain and freeze sensors, drip equipment, wire, electrical connections, and PVC pipe and fittings, shall meet minimum industry standards. Manufacturer and model must be specified.



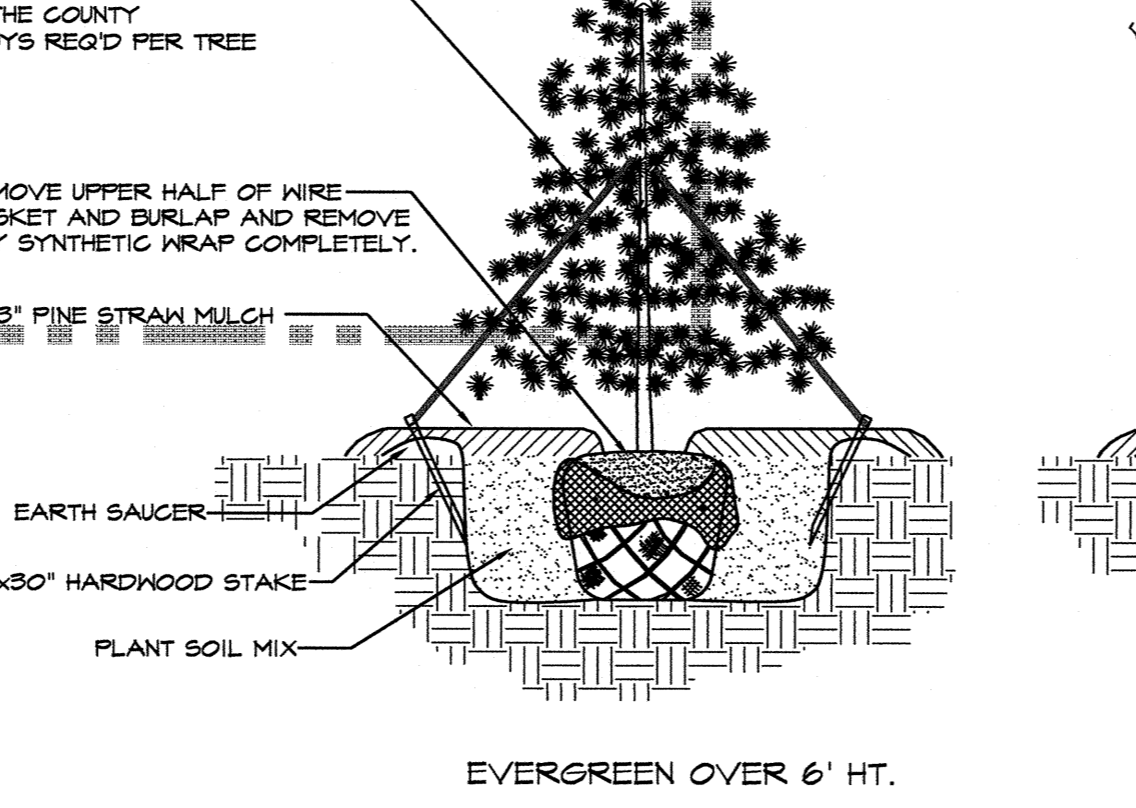
SPADE EDGE PLANTING BED DETAIL

N.T.S.



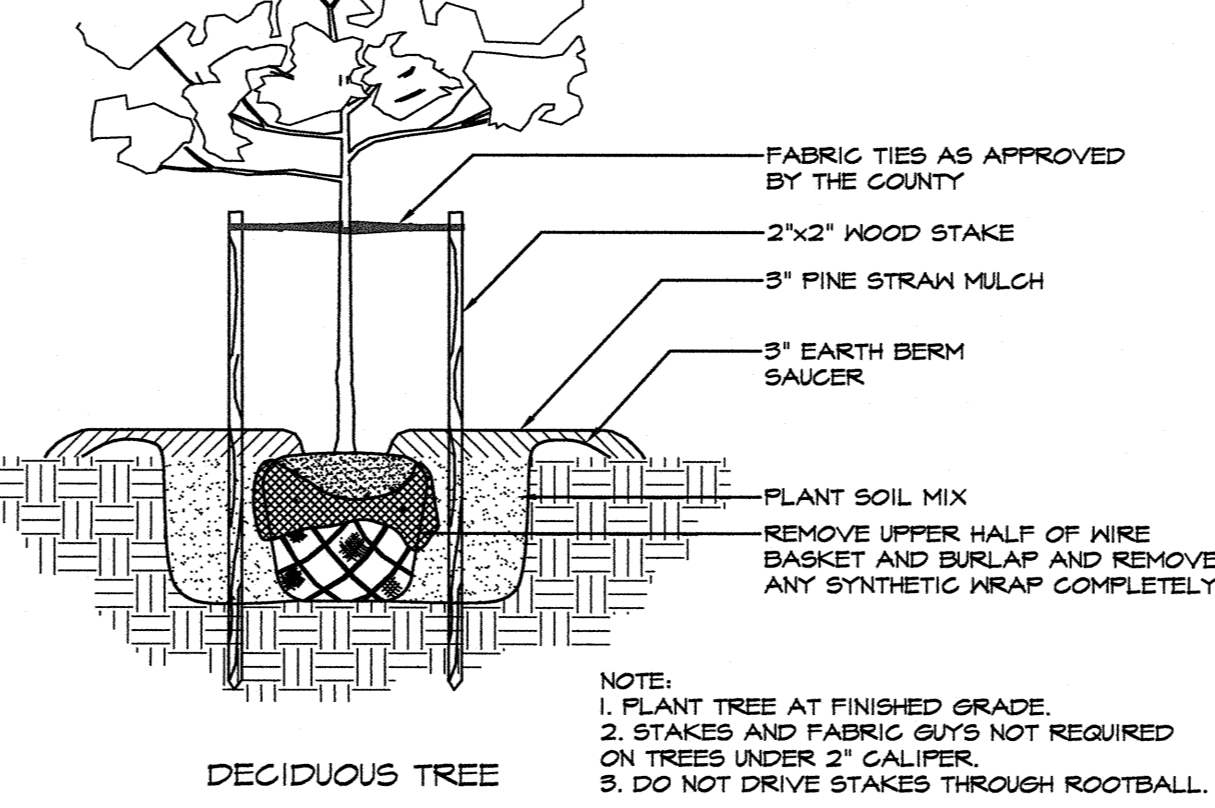
TYPICAL PLANTING DETAILS

N.T.S.



TYPICAL PLANTING DETAILS

N.T.S.

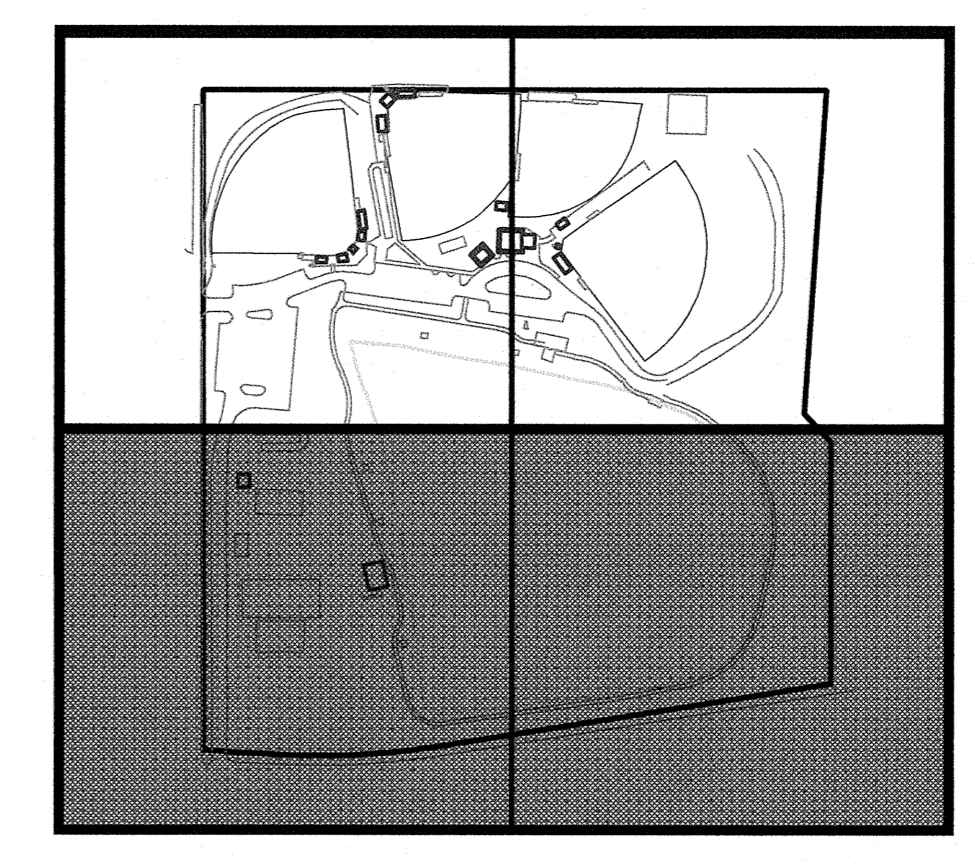
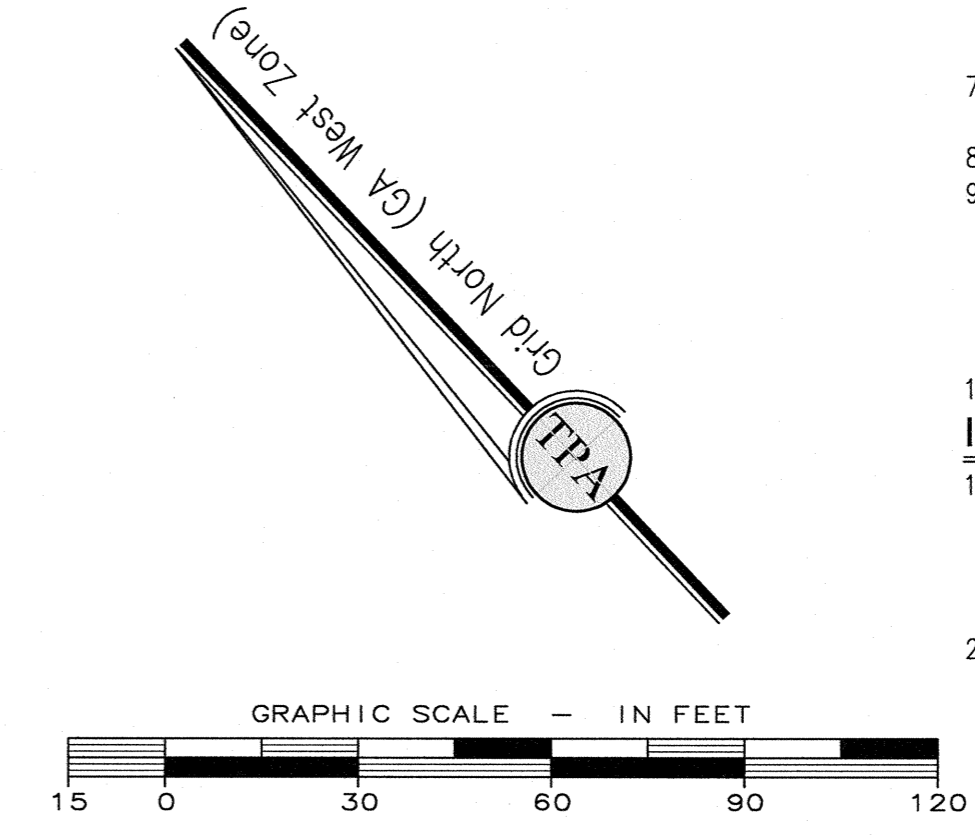


TYPICAL PLANTING DETAILS

N.T.S.


PLANT SCHEDULE

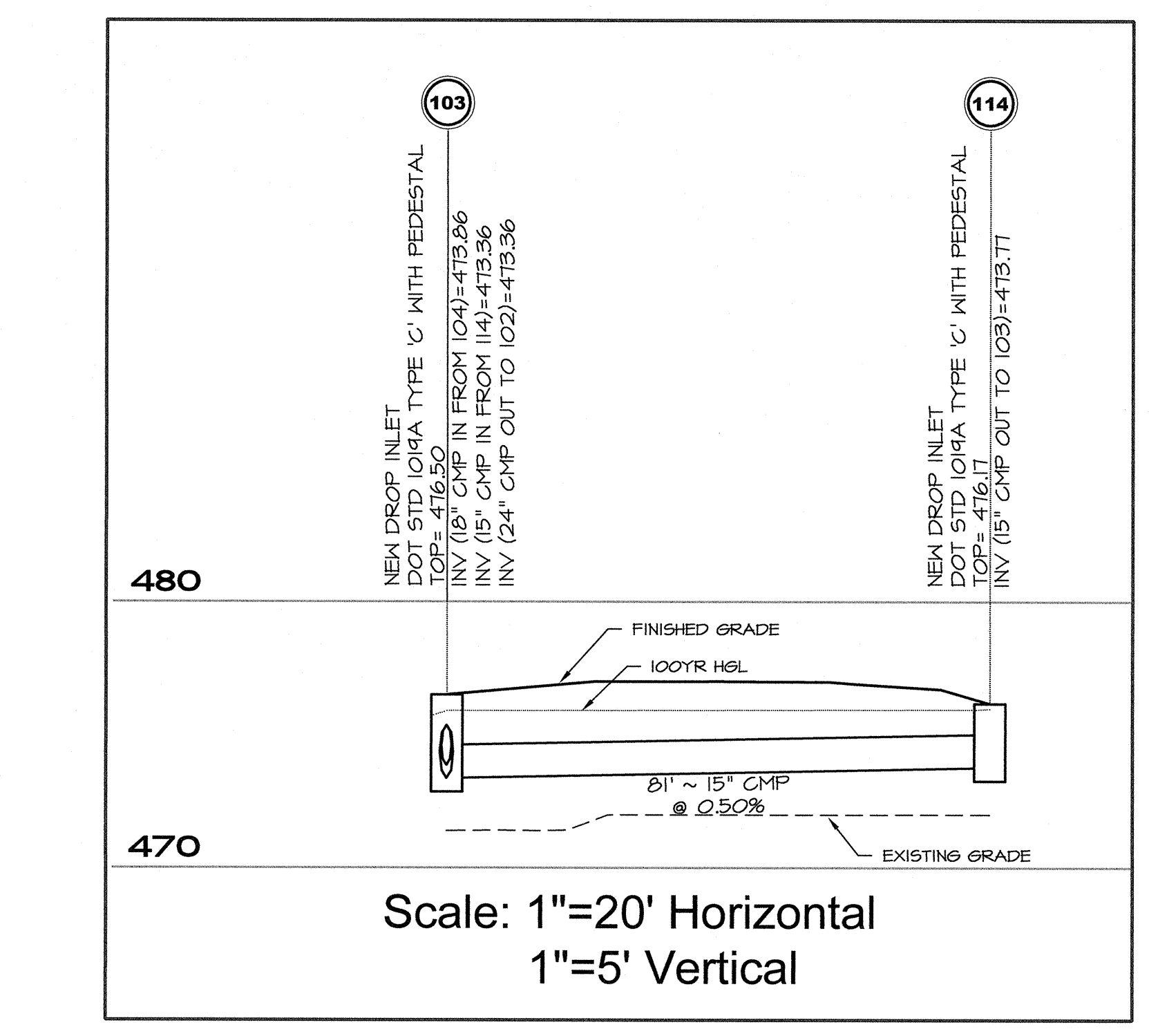
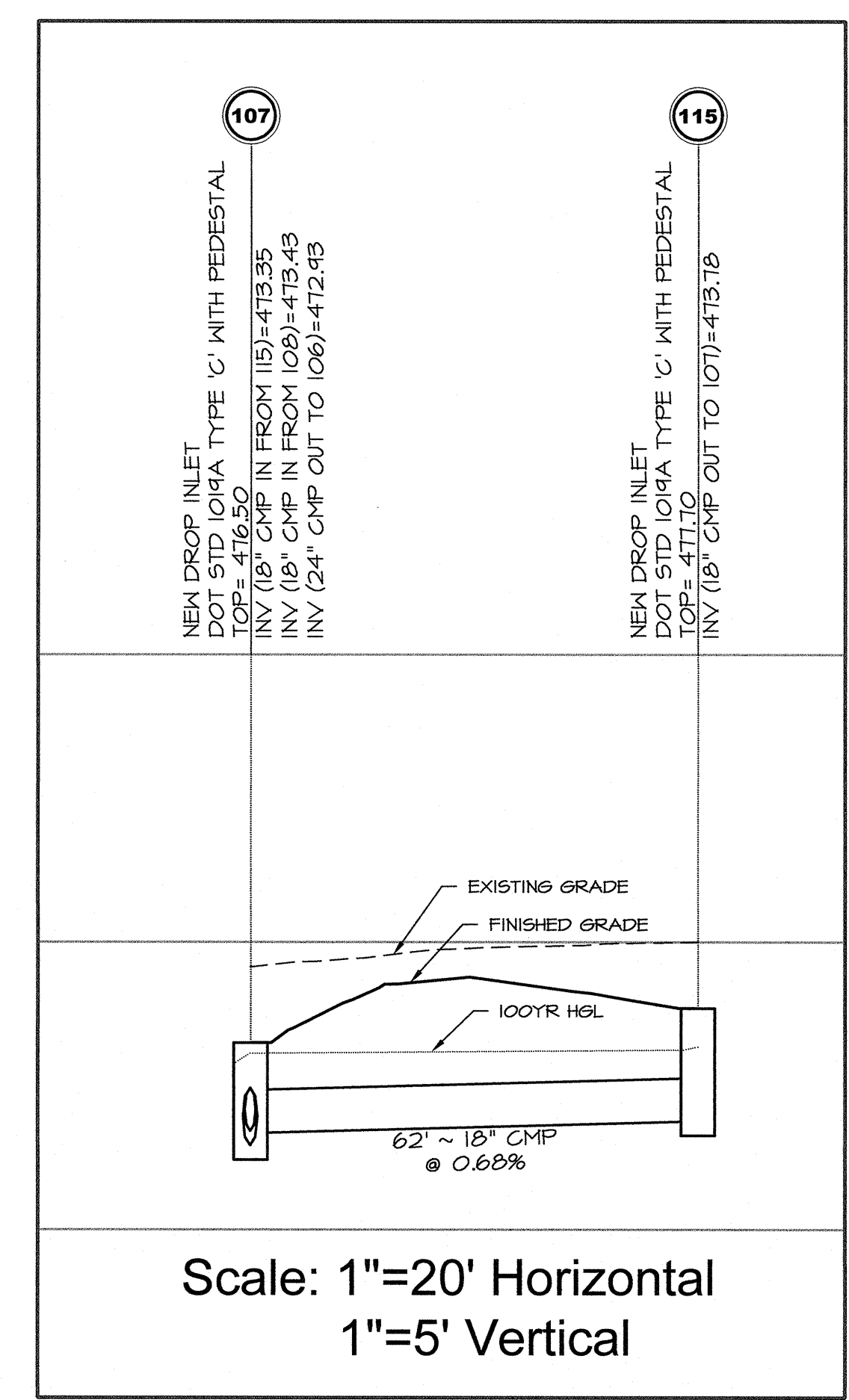
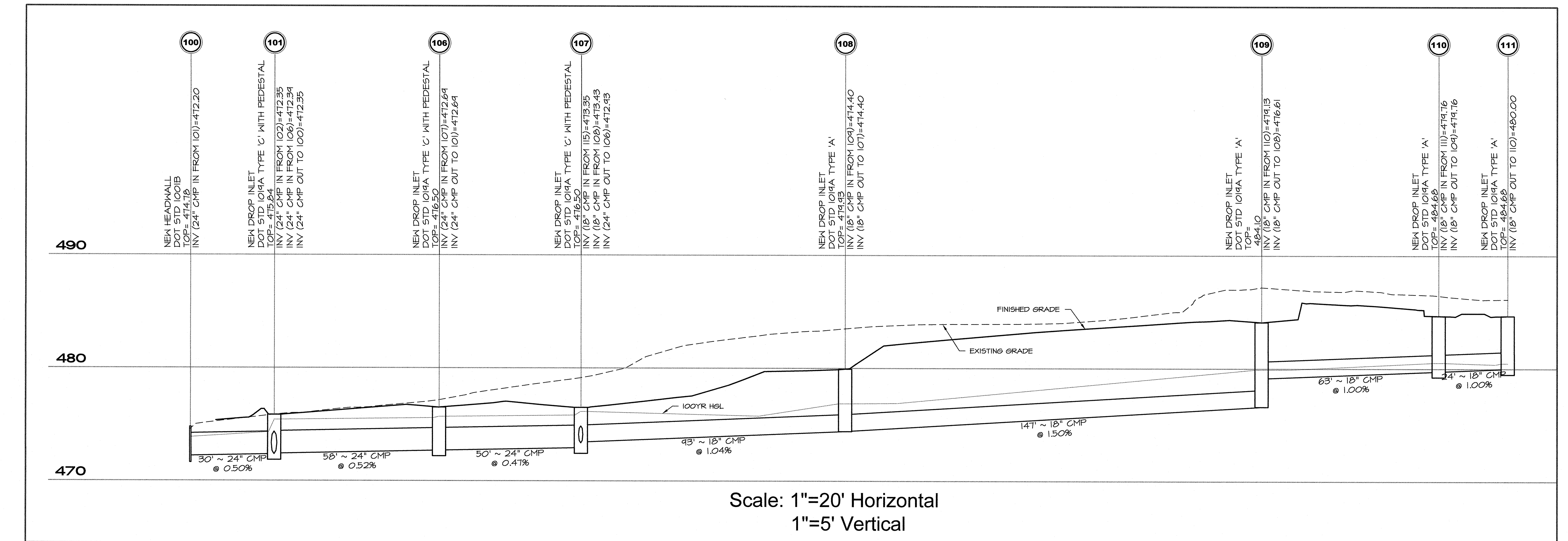
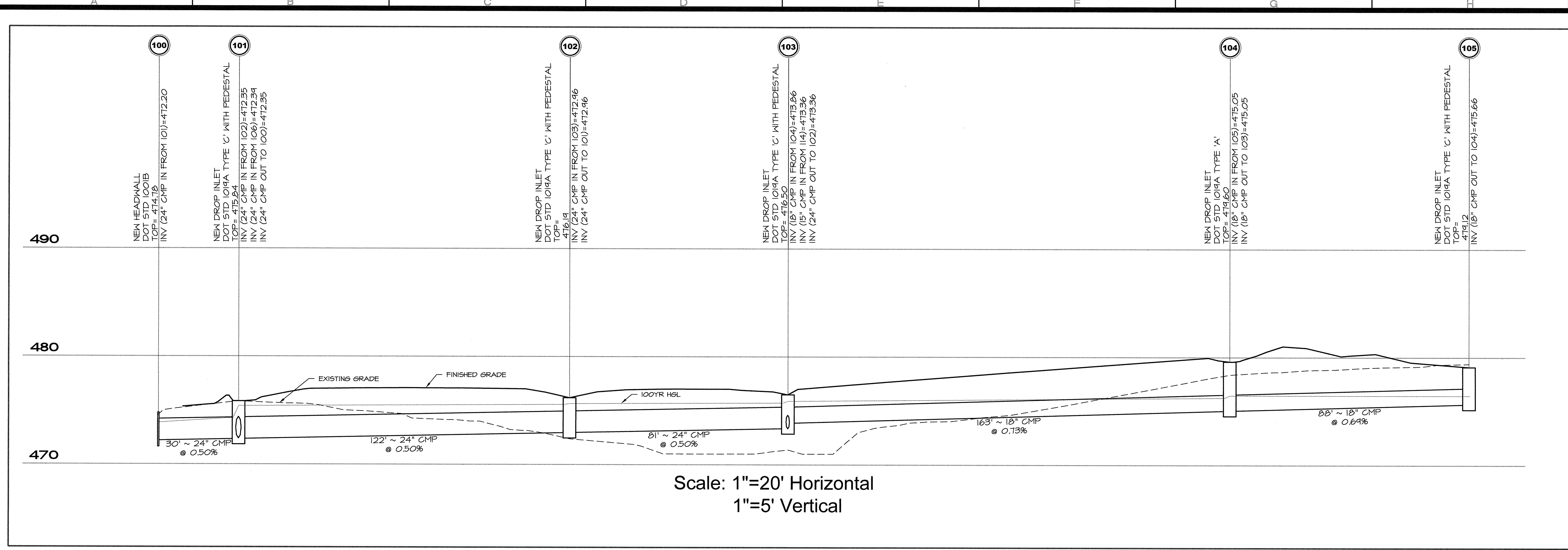
TREES								
SYM	COUNT	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING	NOTES	
NO	15	Quercus nuttallii	NUTTALL OAK	8-10' Ht 2-2.5' cal	b&b	ai	MATCHING	
YC	6	Prunus yedoensis 'Snow'	YOSHINO CHERRY	8-10' Ht 2-2.5' cal	b&b	ai	MATCHING	
LE	7	Ulmus parvifolia	LACEBARK ELM	8-10' Ht 2-2.5' cal	b&b	ai	MATCHING	
GA	7	Fraxinus pennsylvanica 'Urbanite'	GREEN ASH	8-10' Ht 2-2.5' cal	b&b	ai	MATCHING	



THERE ARE STATE WATERS WITHIN 200 FEET OF THE SITE.
 THERE ARE WETLANDS ON THE SITE.
 FLOOD HAZARD PORTIONS OF THIS PROPERTY DO LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS DEFINED BY THE F.L.M.A. FLOOD INSURANCE RATE MAP OF BIBB COUNTY, COMMUNITY PANEL NUMBER 13021003F, DATED 4/2/2017.
 NOTE: ALL CURB RADI ARE 24" UNLESS OTHERWISE NOTED.
 NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.
 SURVEY BY DONALDSON AND GARRETT
 NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
 Information regarding the required permit, site, character and location of existing underground utilities and structures is shown hereon. There is no warranty of the accuracy of this information and it shall be the responsibility of the contractor to verify the location and depth of all existing and proposed underground utilities and structures shown hereon prior to construction. The contractor shall be responsible for any damage to existing or proposed utilities and structures encountered. The owner, his employees, his consultants and his contractors shall hereby indemnify and hold the engineer and his consultants harmless from and against any and all claims, damages, losses, costs, expenses, attorney's fees and reasonable costs of defense or settlement of any nature whatsoever.
 NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES FLAGGED WITH SURVEY ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
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LANDSCAPE PLAN
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT


 For The Firm Travis Pruitt & Associates, Inc.
 DATE: 05/18/2018
 SCALE: 1" = 30'
 EN: 170404PN.DWG
 LV: LANDSCAPE
 JN: 1-17-0404
 FN: 212-E-197
INDEX No. L10.01
SHEET No. 037



Line ID		To Line	Length	Inc. Area	Total Area	Runoff Coeff	Incr Cx	Total Cx	Inlet Time	Rn Fall	Total Flow	Adm Flow	Total Flow	Capac	Pipe Size	Pipe Slope	Inv Elev Up	Inv Elev Dn	HGL Up	HGL Dn		
		(ft)	(ac)	(ac)	(ac)	(C)		(min)	(min)	(in/hr)	(cfs)	(cfs)	(cfs)	(cfs)	(in)	(%)	(ft)	(ft)	(ft)	(ft)		
100-101	Outfall	29.52	0.33	4.84	0.50	0.17	2.42	7.90	8.90	21.59	0.00	21.59	16.12	7.33	24	0.51	472.20	472.35	473.86	474.30		
101-102		1	122.42	0.28	1.83	0.50	0.14	0.92	5	7.10	9.10	8.36	0.00	8.36	15.97	2.66	24	0.50	472.35	472.96	475.41	475.58
102-103		2	80.71	0.17	1.55	0.50	0.09	0.78	5	6.50	9.30	7.22	0.00	7.22	15.92	2.30	24	0.50	472.96	473.36	475.65	475.74
103-104		3	163.19	0.18	1.06	0.50	0.09	0.53	5	5.60	9.60	5.10	0.00	5.10	8.97	3.13	18	0.73	473.86	475.05	475.90	476.25
104-105		4	88.54	0.88	0.88	0.50	0.44	0.44	5	5.00	9.80	4.33	0.00	4.33	8.72	3.52	18	0.69	475.05	475.66	476.47	476.46
105-114		3	81.40	0.32	0.32	0.50	0.16	0.16	5	5.00	9.80	1.57	0.00	1.57	4.58	1.28	15	0.50	473.36	473.77	475.90	475.95
105-106		1	58.29	0.10	2.68	0.50	0.05	3.34	5	7.50	9.00	12.09	0.00	12.09	16.50	3.85	24	0.53	472.96	472.70	475.41	475.57
106-107		7	50.01	0.32	2.58	0.50	0.16	1.29	5	7.30	9.10	11.72	0.00	11.72	15.34	3.73	24	0.46	472.70	472.93	475.69	475.82
107-115		8	62.05	0.93	0.93	0.50	0.47	0.47	5	5.00	9.80	4.57	0.00	4.57	8.74	2.59	18	0.69	473.36	473.78	476.14	476.26
107-108		8	93.19	0.45	1.33	0.50	0.23	0.67	5	6.90	9.20	6.13	0.00	6.13	17.13	4.31	18	2.66	473.43	475.91	476.14	476.87
108-109		10	147.14	0.03	0.88	0.50	0.02	0.44	5	5.80	9.50	4.20	0.00	4.20	15.53	4.01	18	2.19	475.91	475.13	476.87	479.91
109-110		11	62.75	0.49	0.85	0.50	0.25	0.43	5	5.40	9.70	4.12	0.00	4.12	10.52	4.43	18	1.00	479.13	479.76	479.91	480.54
110-111		12	24.29	0.36	0.36	0.50	0.18	0.18	5	5.00	9.80	1.77	0.00	1.77	10.44	2.67	18	0.99	479.76	480.00	480.54	480.50
200-201	Outfall	46.99	0.01	4.04	0.50	0.01	2.02	5	8.90	8.60	17.46	0.00	17.46	24.47	6.90	24	1.17	472.20	472.75	473.70	474.25	
201-202		14	189.48	0.06	0.71	0.50	0.03	0.36	5	6.70	9.30	3.29	0.00	3.29	18.26	5.99	18	3.02	474.50	480.23	474.93	480.92
202-203		15	72.78	0.07	0.65	0.50	0.04	0.33	5	6.00	9.50	3.09	0.00	3.09	11.08	3.97	18	1.11	480.23	481.04	480.92	481.71
203-204		16	96.45	0.58	0.58	0.50	0.29	0.29	5	5.00	9.80	2.85	0.00	2.85	10.48	3.89	18	1.00	481.04	482.00	481.71	482.64
201-205		14	12.59	0.66	3.04	0.50	0.33	1.52	5	8.90	8.60	13.15	0.00	13.15	13.77	8.01	18	1.47	474.50	474.69	475.78	476.05
205-206		18	114.94	0.93	2.38	0.50	0.47	1.19	5	8.50	8.70	10.38	0.00	10.38	10.32	6.42	18	0.92	474.69	475.80	476.05	477.04
206-207		19	86.18	0.30	1.45	0.50	0.15	0.73	5	8.20	8.80	6.41	0.00	6.41	16.78	4.44	18	2.51	475.80	478.00	477.39	478.98
207-208		20	171.14	0.24	1.15	0.50	0.12	0.58	5	7.20	9.10	5.24	0.00	5.24	15.06	4.57	18	2.06	478.00	481.52	478.98	482.40
208-209		21	107.89	0.35	0.91	0.50	0.18	0.46	5	6.50	9.30	4.25	0.00	4.25	10.51	4.22	18	1.00	481.52	482.60	482.40	483.39
209-210		22	139.89	0.56	0.56	0.50	0.28	0.28	5	5.00	9.80	2.75	0.00	2.75	10.51	3.42	18	1.00	482.60	484.00	483.39	484.63

REVISIONS			
NO.	DATE	DESCRIPTION	BY
7			
6			
5			
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3			
2	12/01/17	PROGRESS SET	SGF
1			

Travis Pruitt & Associates, Inc.
 4317 Park Drive, Suite 400
 Norcross, Georgia 30093
 Phone: (770)416-7511 Fax: (770)416-6759
 www.travispruitt.com
 Contact Person: STEVE J BENNETT, PE

FREEDOM PARK BOYS BASEBALL FIELDS

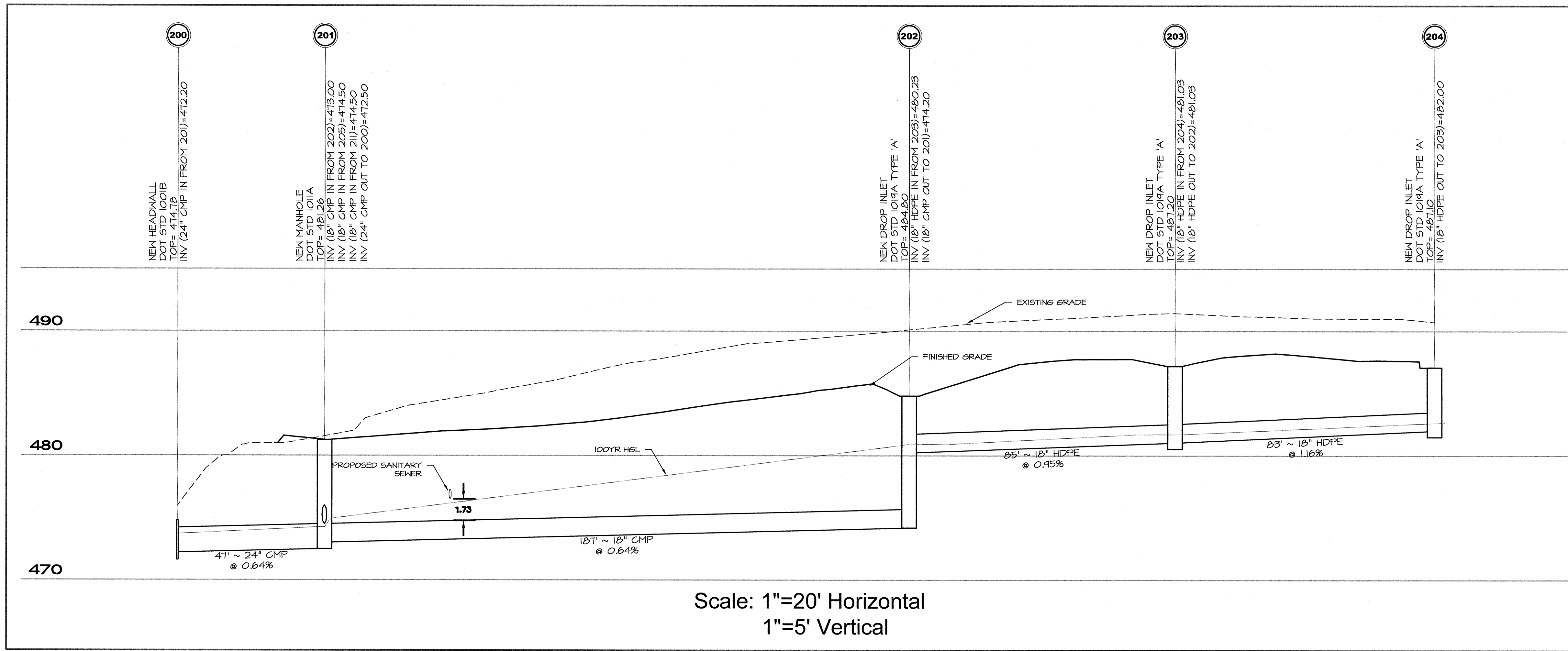
LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

FOR THE FIRM TRAVIS PRUITT & ASSOCIATES, INC.

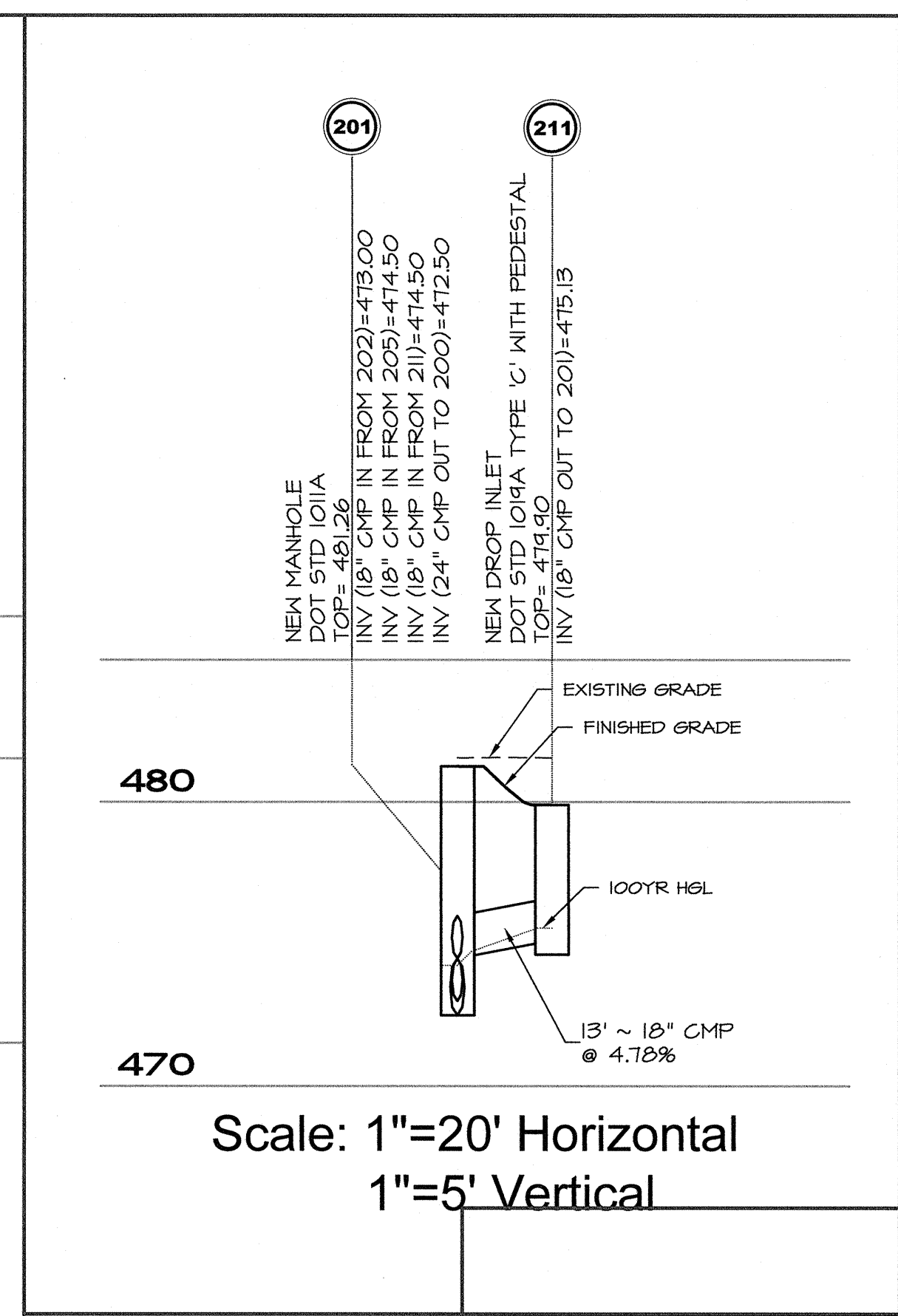
DATE: 5/18/2018
 SCALE: 1"=20'H: 1"=5'V
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 LSV: PROFILES
 JN: 1-17-0404
 FN: 212-E-197

INDEX NO. C11.01
 SHEET NO. 038

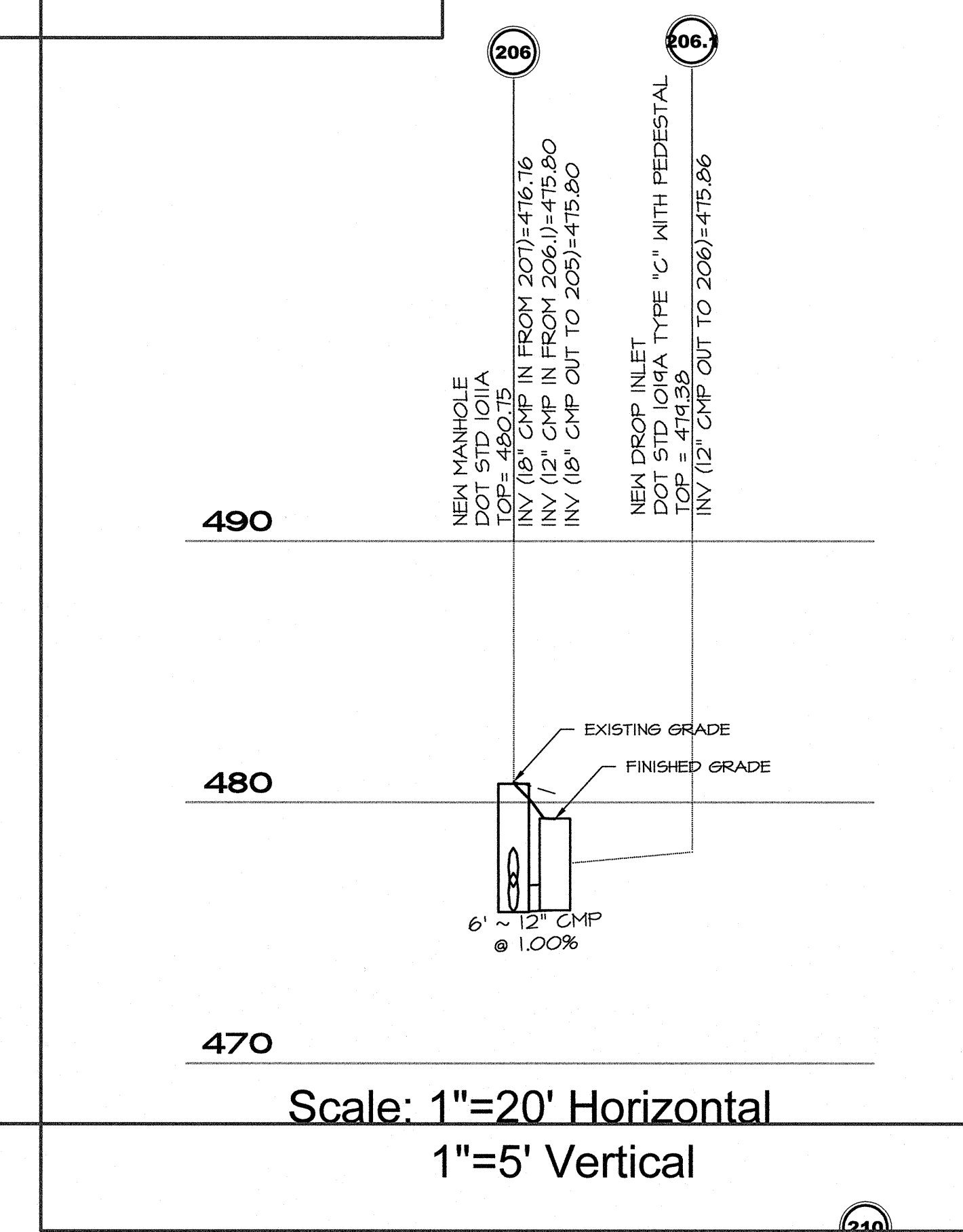
NOT RELEASED FOR CONSTRUCTION



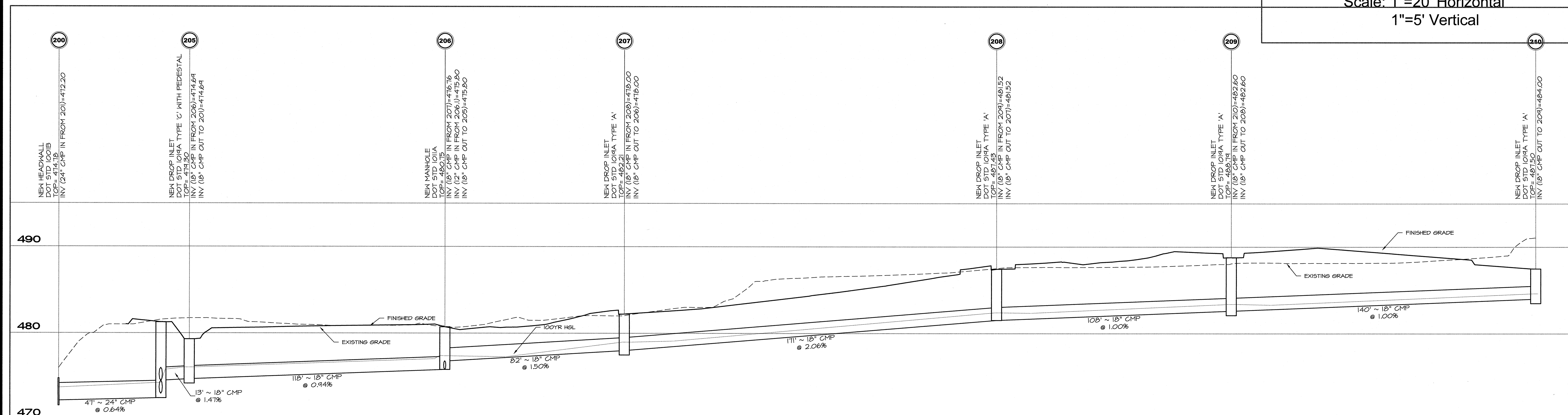
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1"=5' Vertical



Scale: 1"=20' Horizontal
1"=5' Vertical



Scale: 1"=20' Horizontal
1"=5' Vertical



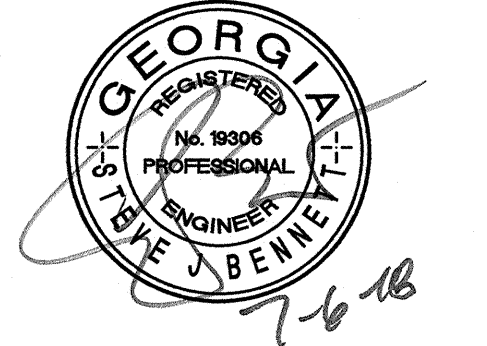
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1"=5' Vertical

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2	12/01/17		
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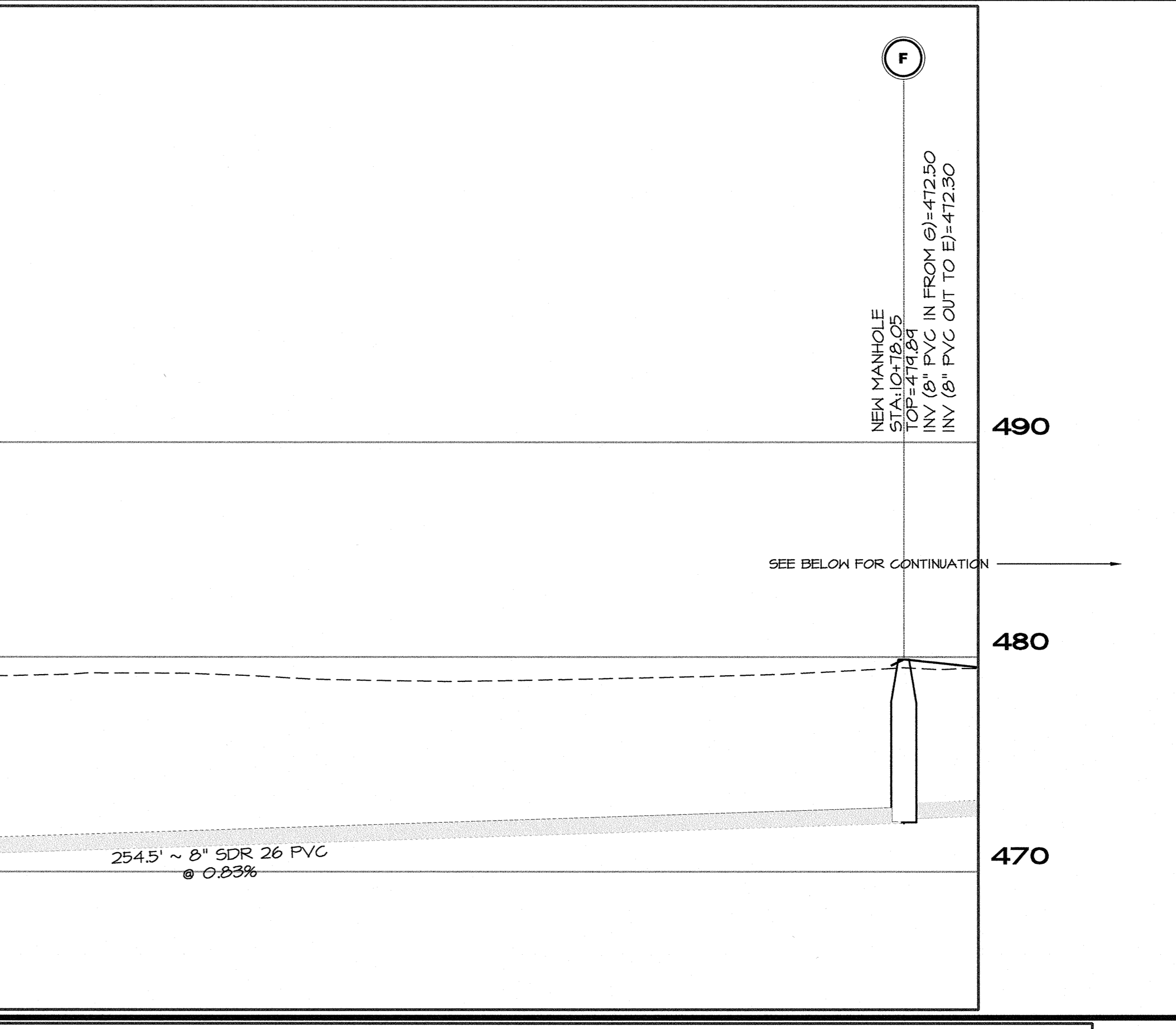
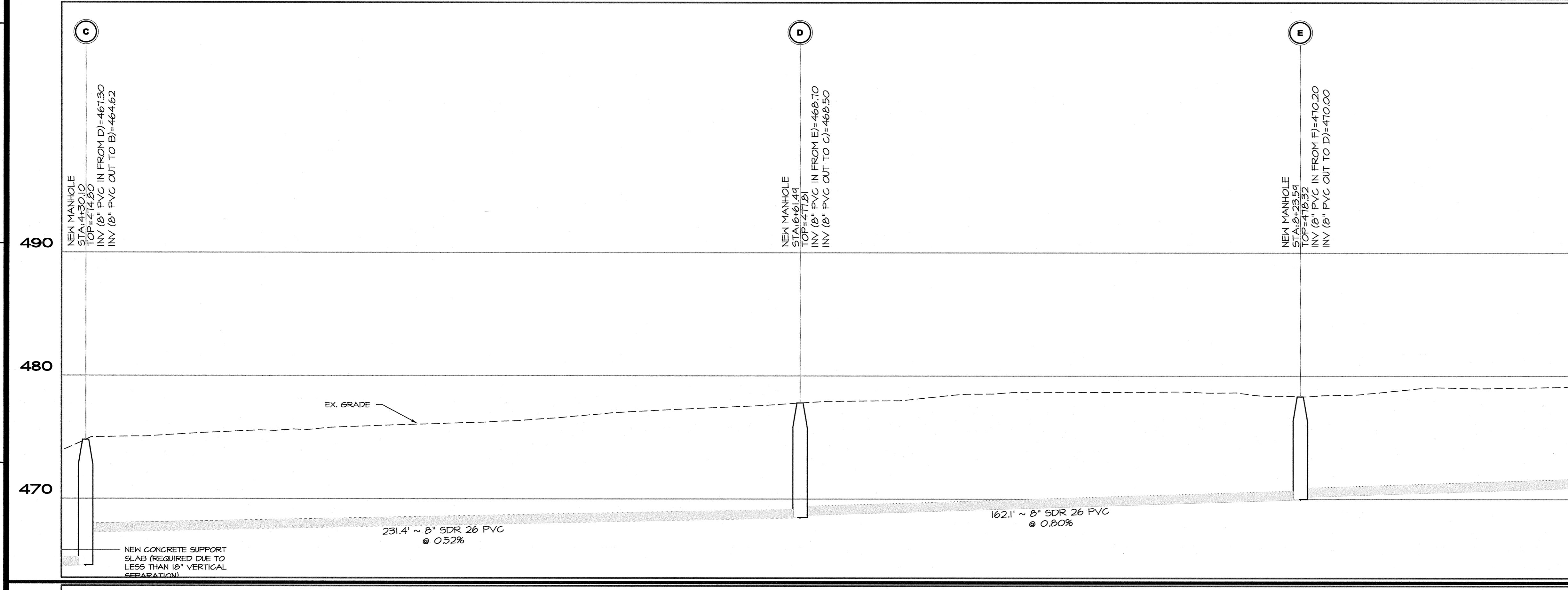
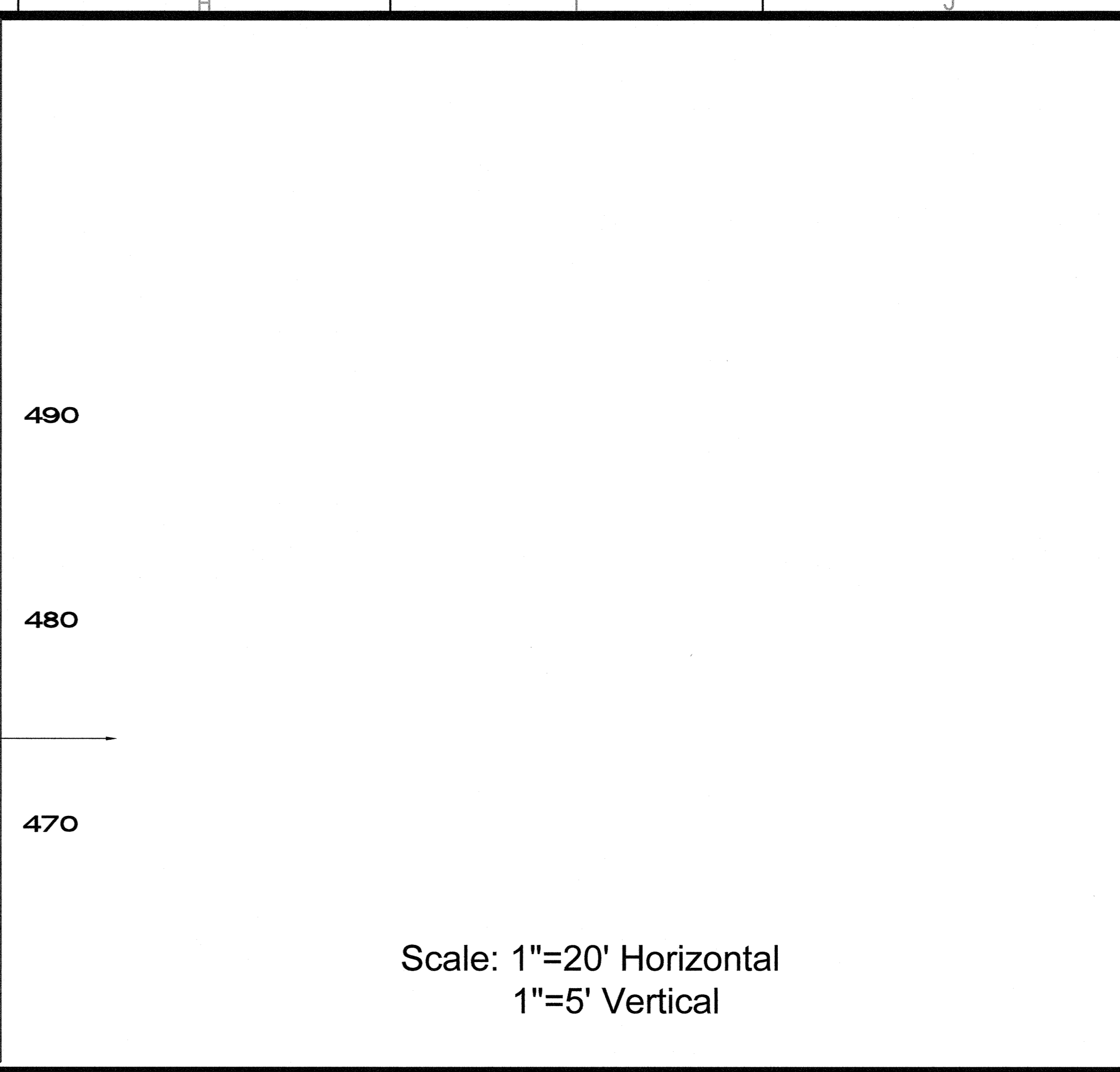
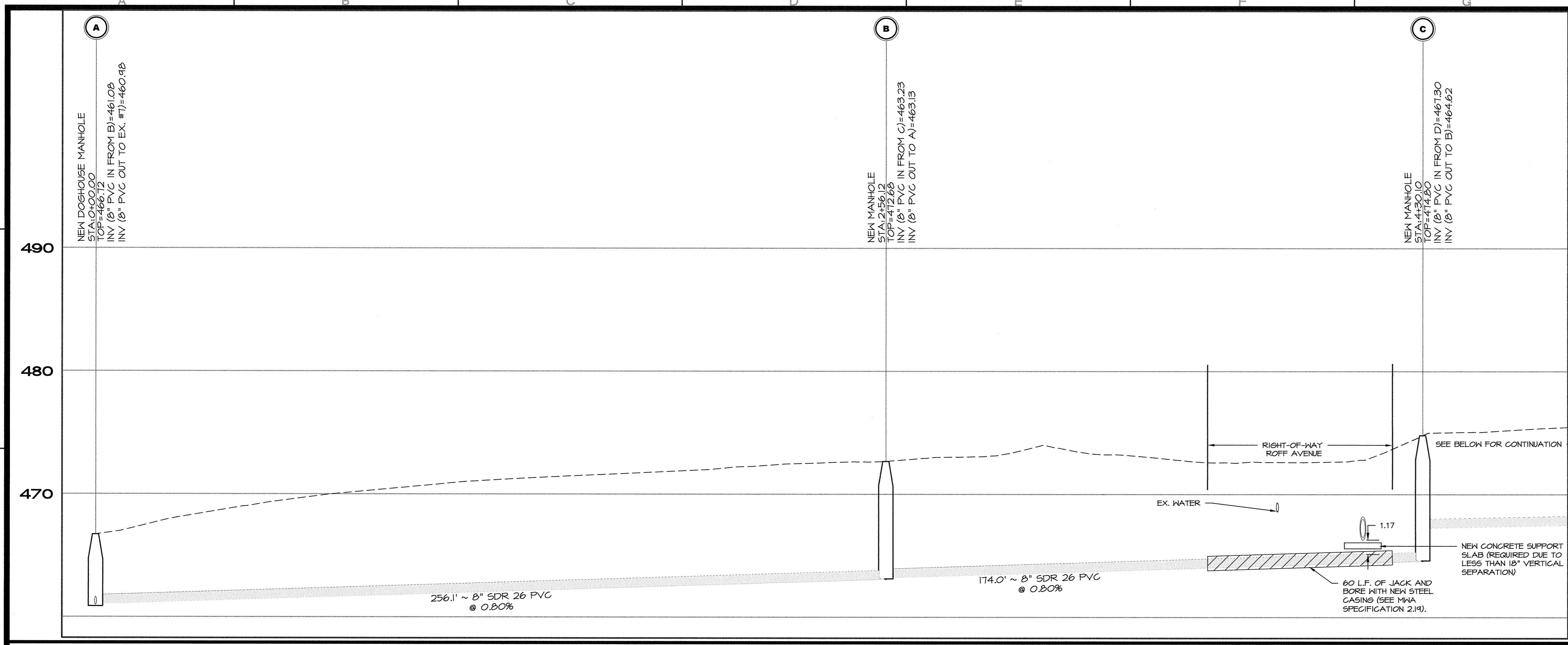
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT



 For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	1"=20'H; 1"=5'V
DN:	170404DN.dwg
LSV:	PROFILES
JN:	1-17-0404
FN:	212-E-197

INDEX NO. C11.02
 SHEET NO. 039




Scale: 1"=20' Horizontal
1"=5' Vertical

REVISIONS			
NO.	DATE	DESCRIPTION	BY
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3	07-03-18	ADDRESS REVIEW COMMENTS	SGF
2	12/01/17	PROGRESS SET	SGF
1			


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 www.travispruitt.com
 Contact Person: STEVE J BENNETT, PE

SANITARY PROFILE
FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT


 For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	1"=20'H; 1"=5'V
DN:	170404DN.DWG
LSV:	LSV
JN:	1-17-0404
FN:	212-E-197

INDEX No. C11.03
SHEET No. 040



QUANTITY NOTE:
 QUANTITIES ARE PROVIDED AS A
 CONVENIENCE TO THE CONTRACTOR TO
 HELP CLARIFY THE PLANS. THE
 CONTRACTOR SHALL BE RESPONSIBLE
 FOR BID ADEQUATE QUANTITIES TO
 COMPLETE THE PLANS AS SHOWN.

REVISIONS			
NO.	DATE	DESCRIPTION	BY
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2			
1	07-03-18	ADDRESS REVIEW COMMENTS	SGF
	12/01/17	PROGRESS SET	SGF

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BALLFIELD PLAN DETAILS

FREEDOM PARK

BOYS BASEBALL FIELDS

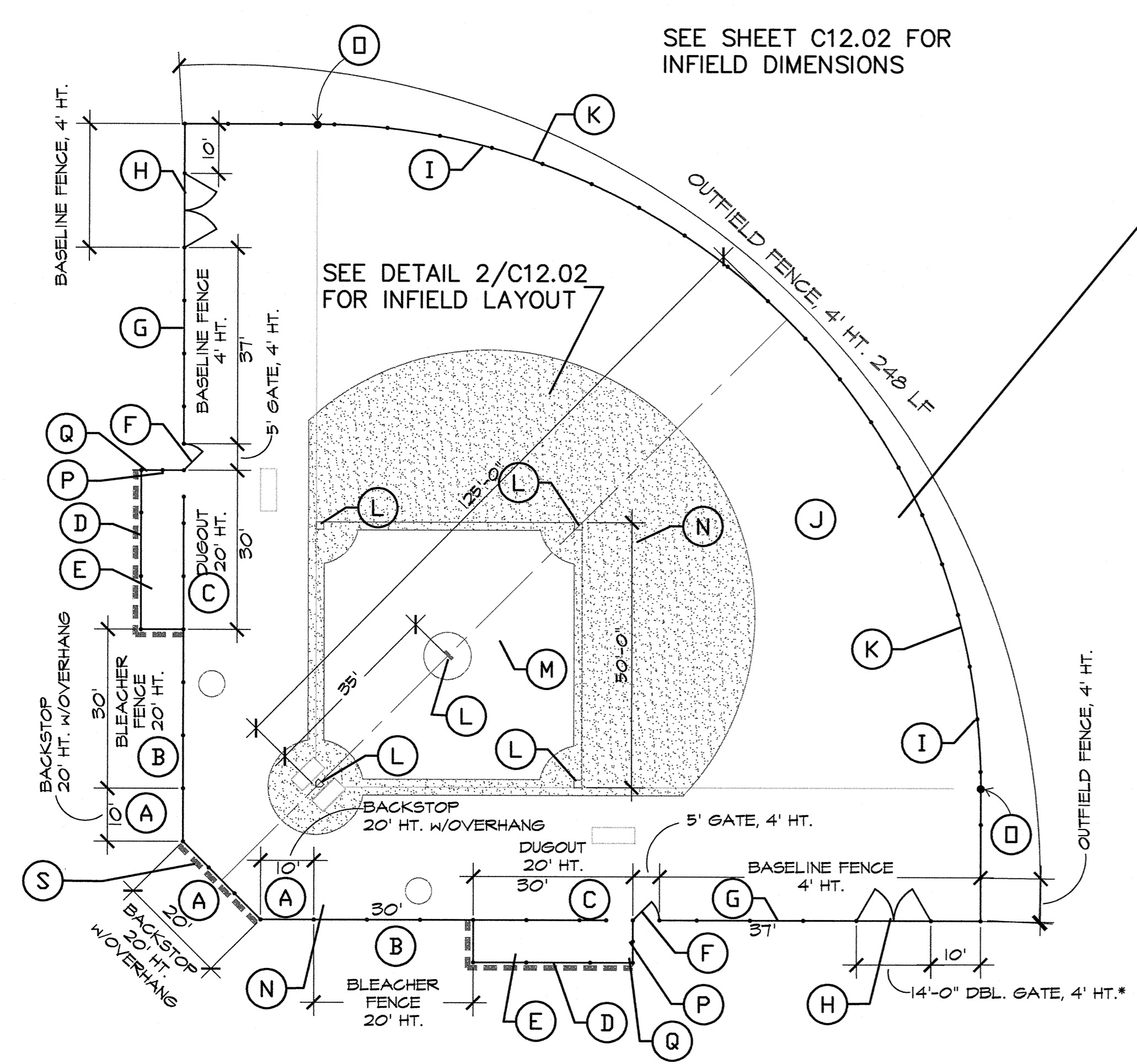
LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
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LSV:	!PUBLISH
JN:	1-17-0404
FN:	212-E-197

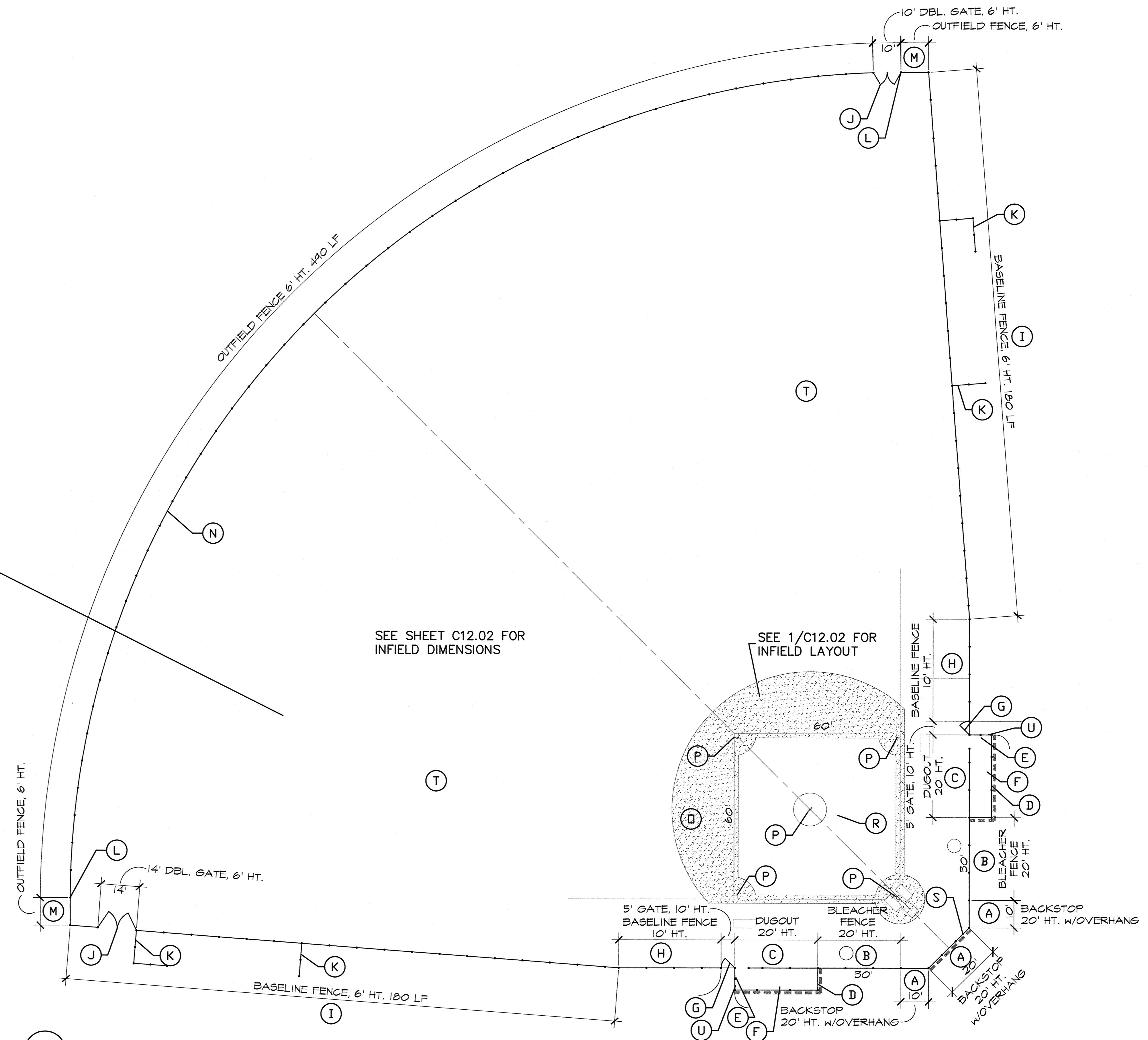
INDEX NO.	C12.01
SHEET NO.	041

- FIELD #4 (125' FIELD) - TYP.**
- A. BACKSTOP FENCE, BLACK VINYL, 20' HT. WITH CANTILEVER, 40'-9" LENGTH, SEE 11/C12.06, 40 LF. (SEE FENCING CHANGE, DETAIL 11/C12.06)
 - B. BLEACHER FENCE, BLACK VINYL, 20' HT., 60 LF. SEE DETAIL 11/C12.06
 - C. DUGOUT FENCE, BLACK VINYL, 20' HT., 60 LF. SEE DETAIL 11/C12.06, WITH GATE OPENINGS
 - D. DUGOUT, BLACK VINYL, 2 EA., 48 LF EA., SEE DETAILS 1-3/C12.07
 - E. DUGOUT BENCH, 21' LENGTH, 2 EA., SEE DETAIL 7/C12.07, COLOR BY OWNER
 - F. 5' GATE, BLACK VINYL, 4' HT., 2 EA., SEE DETAIL 5/C12.05
 - G. BASELINE FENCE, BLACK VINYL, 4' HT., 104 LF, 4 EA., SEE DETAIL 11/C12.06
 - H. 14' DBL. GATE (7&7), BLACK VINYL, 4' HT., 2 SETS, SEE DETAIL 5/C12.05
 - I. PREMIUM FENCE TOP GUARD 246 LF, SEE DETAIL 6/C12.09
 - J. OUTFIELD, TURF 996 SF
 - K. OUTFIELD FENCE, BLACK VINYL, 4' HT., 248 LF, 1 EA. SEE DETAIL 11/C12.06
 - L. BASES, 1 SET, SEE SHEET C12.02
 - M. INFIELD TURF 2020 SF
 - N. INFIELD MIX 3930 SF, HATCHED AREA, SEE DETAIL 1/C12.09 SEE SPECIFICATIONS
 - O. FOUL POLES 2 EA. SEE DETAIL 2/C12.09
 - P. BAT RACK 2 EA., SEE DETAIL 5/C12.07
 - Q. HELMET RACK 2 EA., SEE DETAIL 4/C12.07
 - R. LIME FIELD, 1 JOB, SEE DETAIL 6/C12.02, SEE ALSO SPECIFICATIONS
 - S. BACKSTOP PAD 20 LF, SEE DETAIL 8/C12.09, SEE SPECIFICATIONS



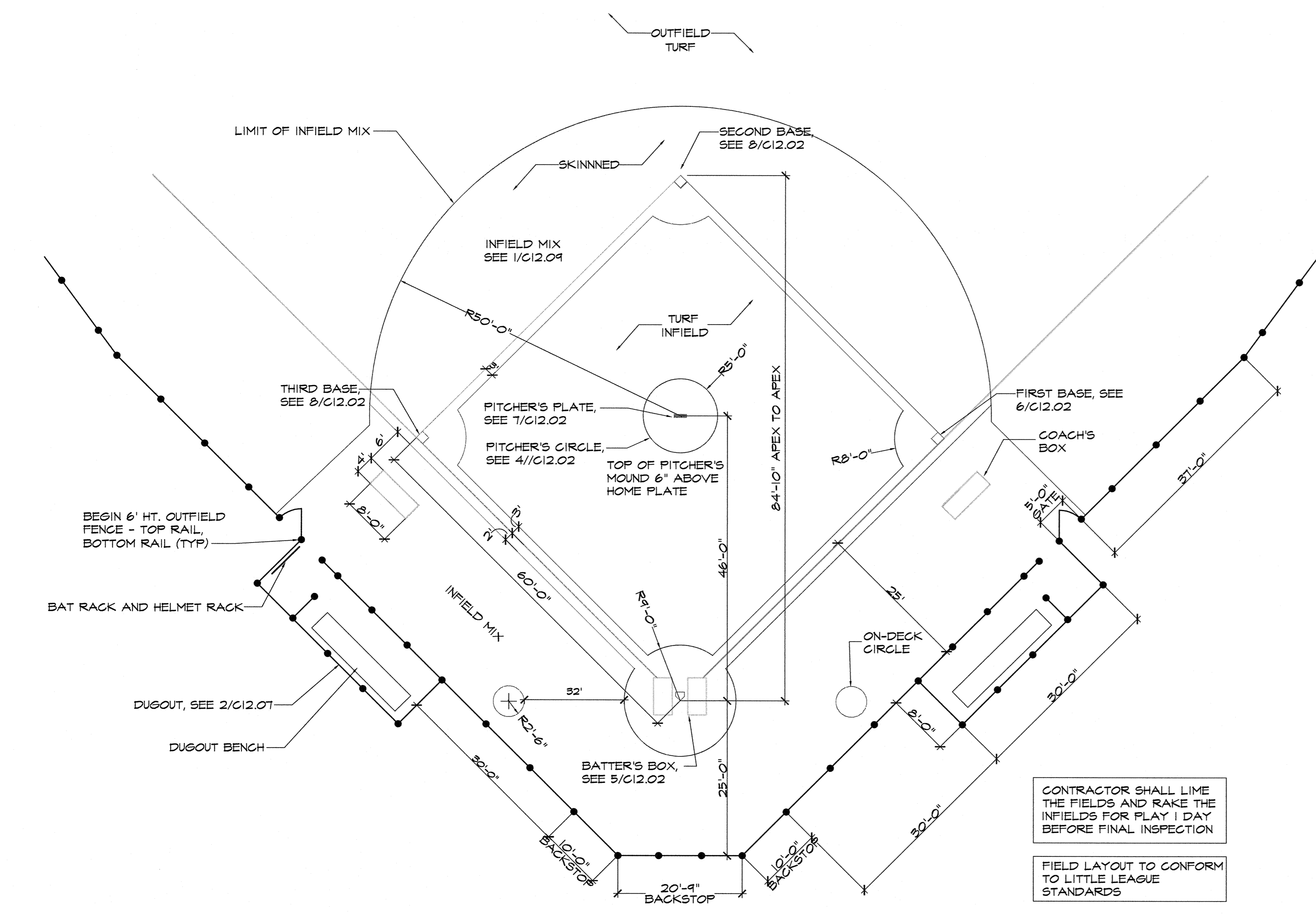
1 FIELD #4 (125' T-BALL FIELD) CONSTRUCTION ITEMS - STANDARD
 SCALE: 1"=20'

- FIELD 1,2,3 (225' FIELD) - TYP.**
- A. BACKSTOP FENCE, BLACK VINYL, 20' HT. WITH CANTILEVER, 40'-9" LENGTH, 3 EA. x 40'=120 LF SEE 4/C12.05 (SEE FENCING CHANGE, DETAIL 4/C12.05)
 - B. BLEACHER FENCE, BLACK VINYL, 20' HT., 60 LF x 3=180 LF, SEE DETAIL 4/C12.05
 - C. DUGOUT FENCE, BLACK VINYL, 20' HT., 60 LF x 3=180 LF, SEE DETAIL 4/C12.05, WITH GATE OPENING
 - D. DUGOUT, BLACK VINYL, 6 EA., SEE SHEET C12.07
 - E. BAT RACK, 6 EA., SEE DETAIL 5/C12.07
 - F. DUGOUT BENCH, 21' LENGTH, 6 EA., SEE 7/C12.07, COLOR BY OWNER
 - G. 5' GATE, BLACK VINYL, 10' HT., 6 EA., SEE DETAIL 5/C12.05
 - H. BASELINE FENCE, BLACK VINYL, 10' HT., 74 LF x 3=222 LF, SEE DETAIL 4/C12.05
 - I. BASELINE FENCE, BLACK VINYL, 6' HT., 270 LF x 3=810 LF, SEE DETAIL 4/C12.05
 - J. 14' DBL. GATE (7&7), BLACK VINYL, 6' HT., 6 SETS, SEE DETAIL 5/C12.05
 - K. WARM-UP FENCE, BLACK VINYL, 6' HT., 12' LF, SECTIONS 18 EA., SEE DETAIL 4/C12.05
 - L. FOUL POLES, 6 EA. SEE DETAIL 2/C12.09
 - M. OUTFIELD FENCE, BLACK VINYL, 6' HT., 490 LF x 3=1470 LF, SEE DETAIL 4/C12.05
 - N. PREMIUM FENCE TOP GUARD, 490 LF x 3=1470 LF, SEE DETAIL 6/C12.09
 - O. INFIELD MIX, 3235 SF (HATCHED AREA), X 3 EA.=9705 SF, SEE DETAIL 1/C12.09, SEE SPECIFICATIONS
 - P. BASES, 1 SET, 3 EA., SEE SHEET C12.02
 - Q. LIME FIELD, 1 JOB, 3 EA., SEE SPECIFICATIONS
 - R. INFIELD TURF 3240 SF X 3=9720 SF, SEE SPECIFICATIONS
 - S. BACKSTOP PAD 20 LF x 3=60 LF, SEE DETAIL 8/C12.09, SEE SPECIFICATIONS
 - T. OUTFIELD TURF 76700 SF X 3=230,100 SF
 - U. HELMET RACK, 2 X 3=6 EA., SEE DETAIL 4/C12.07

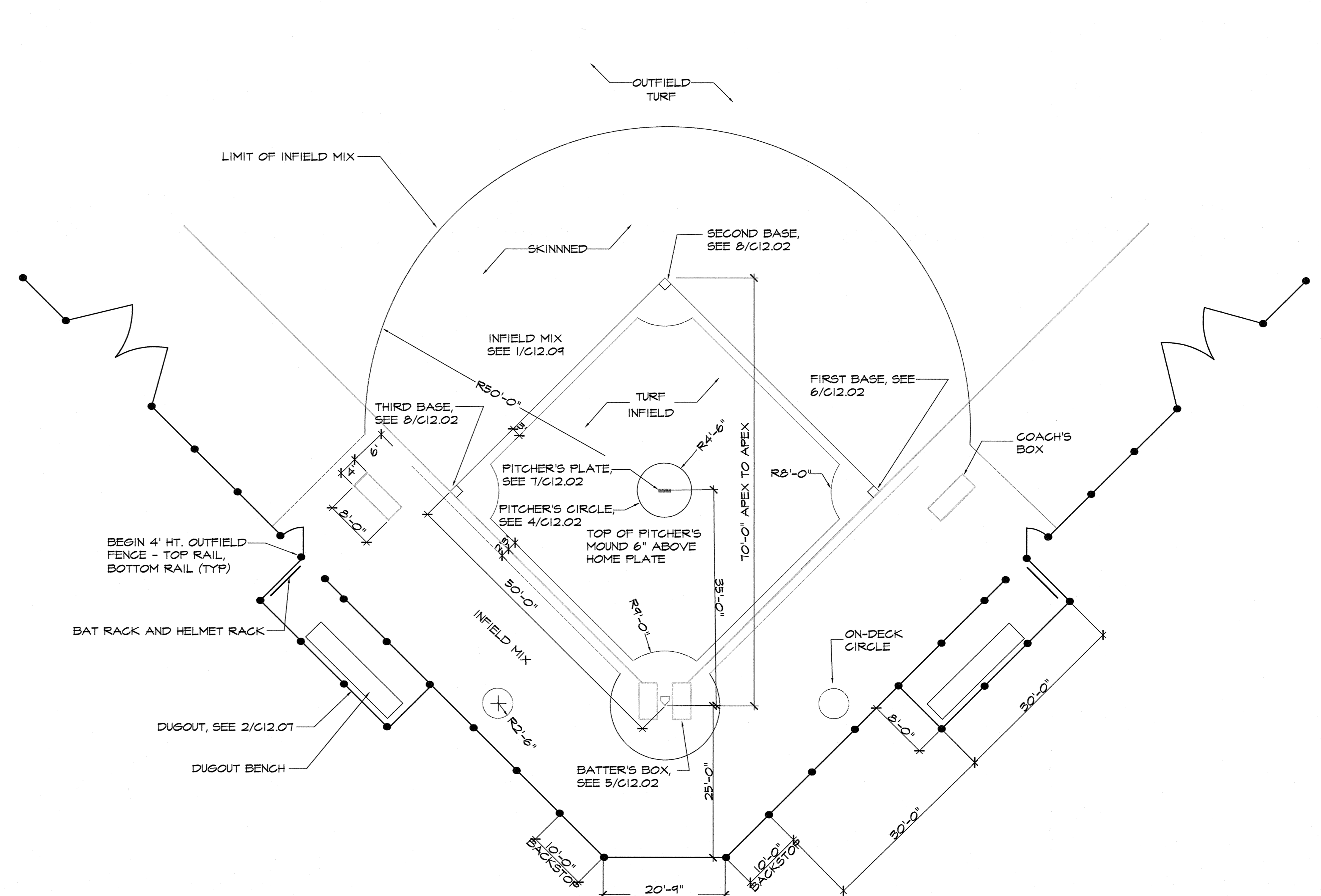


2 FIELD #1,2,3 (225' FIELD) CONSTRUCTION ITEMS - STANDARD
 SCALE: 1"=20'

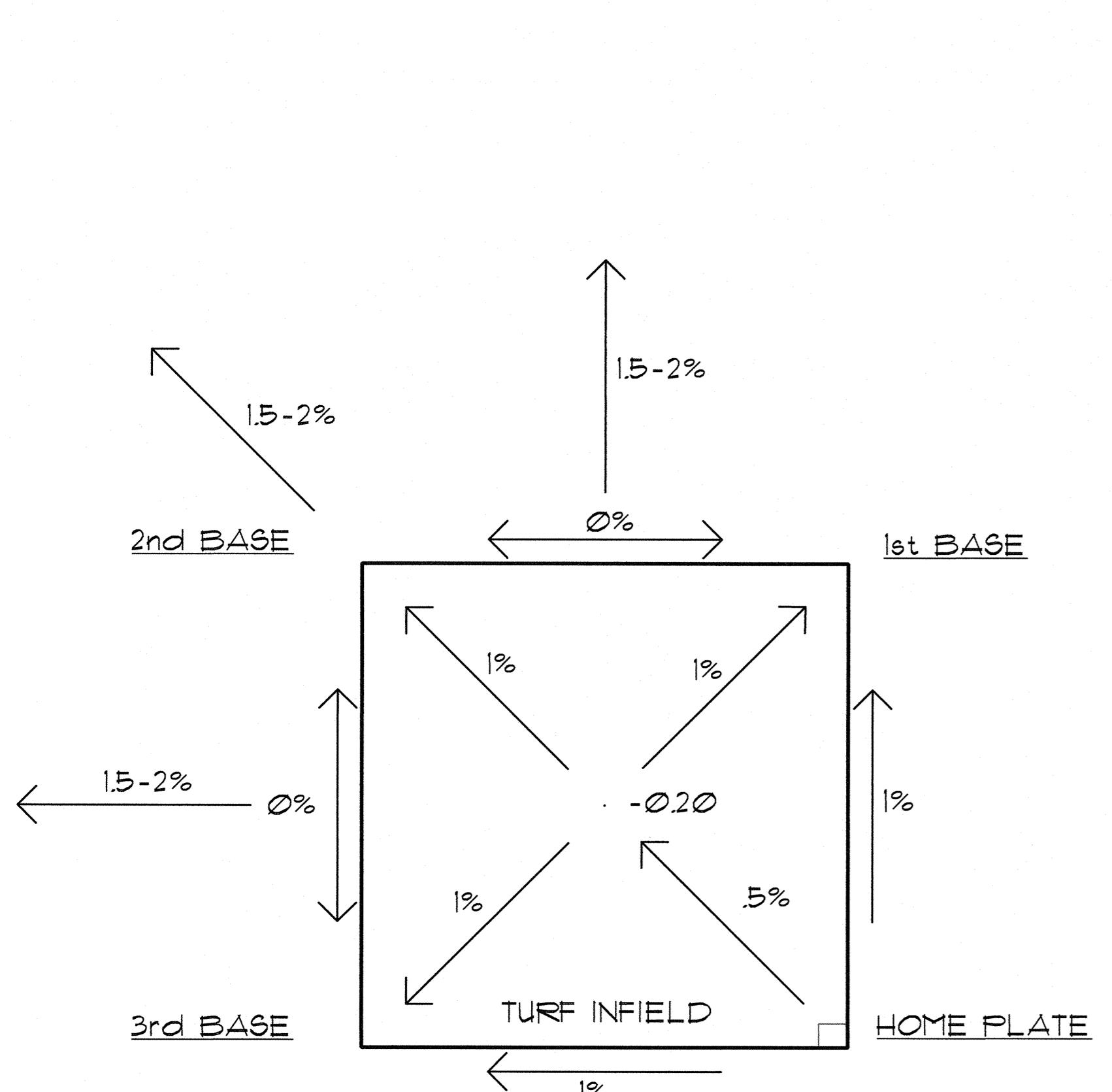
QUANTITY NOTE:
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 CONVENIENCE TO THE CONTRACTOR TO
 HELP CLARIFY THE PLANS. THE
 CONTRACTOR SHALL BE RESPONSIBLE
 FOR BID ADEQUATE QUANTITIES TO
 COMPLETE THE PLANS AS SHOWN.



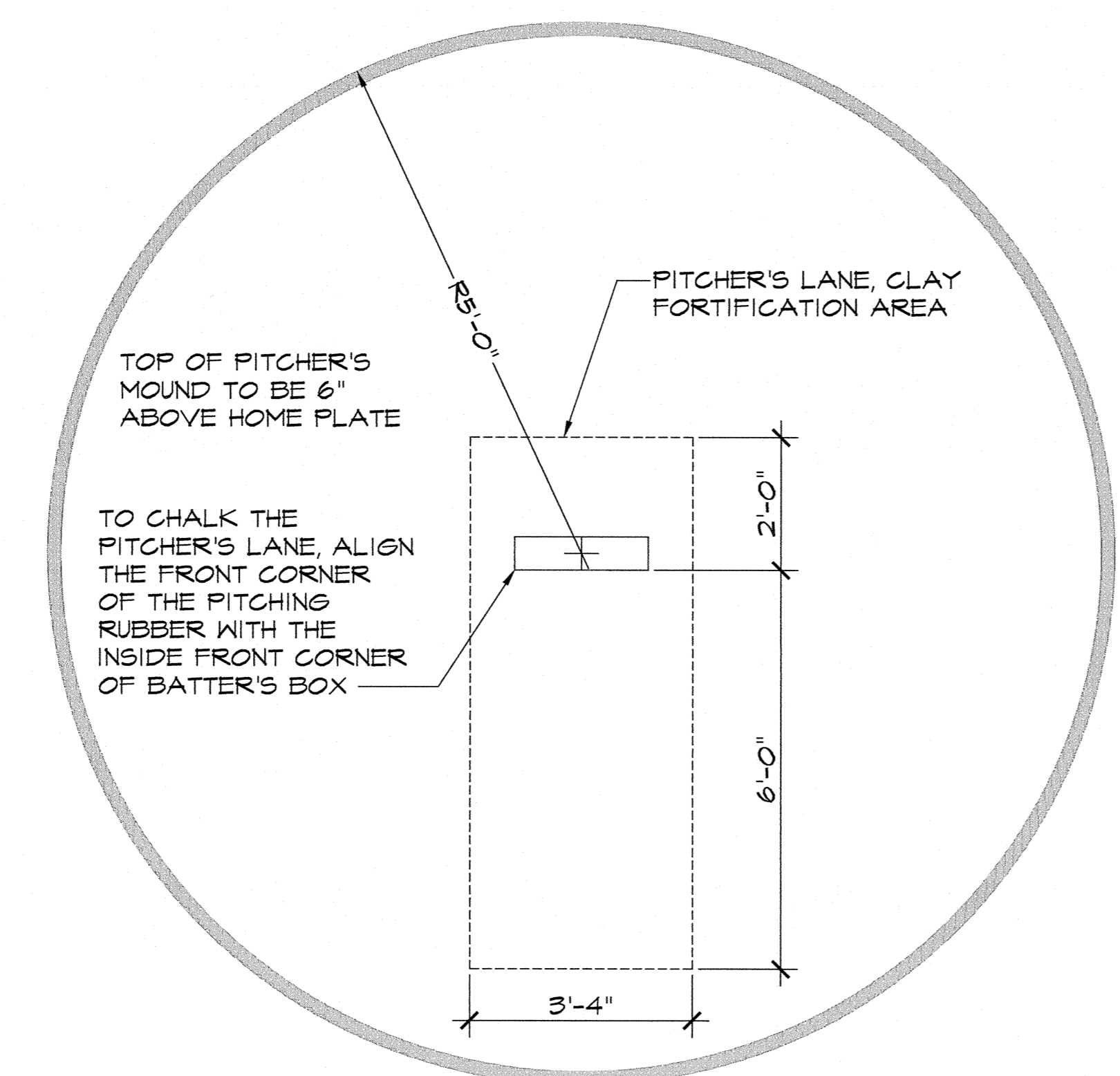
1 60' BASELINE LAYOUT - 225' FIELDS 1, 2, AND 3
SCALE: 1"=12.0'



2 50' BASELINE LAYOUT - 125' FIELD 4
SCALE: 1"=12.0'



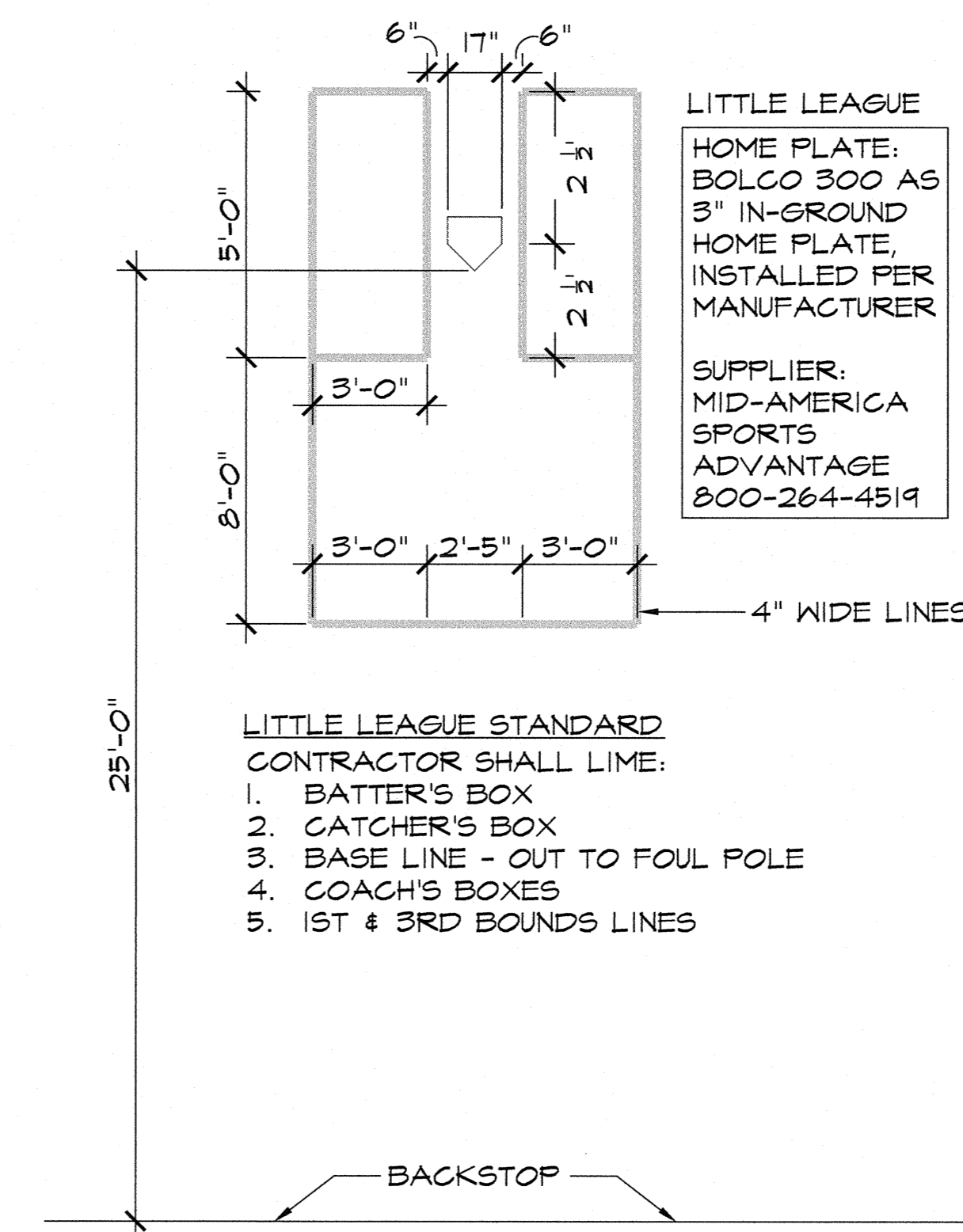
3 INFIELD GRADING - TYPICAL
NOT TO SCALE



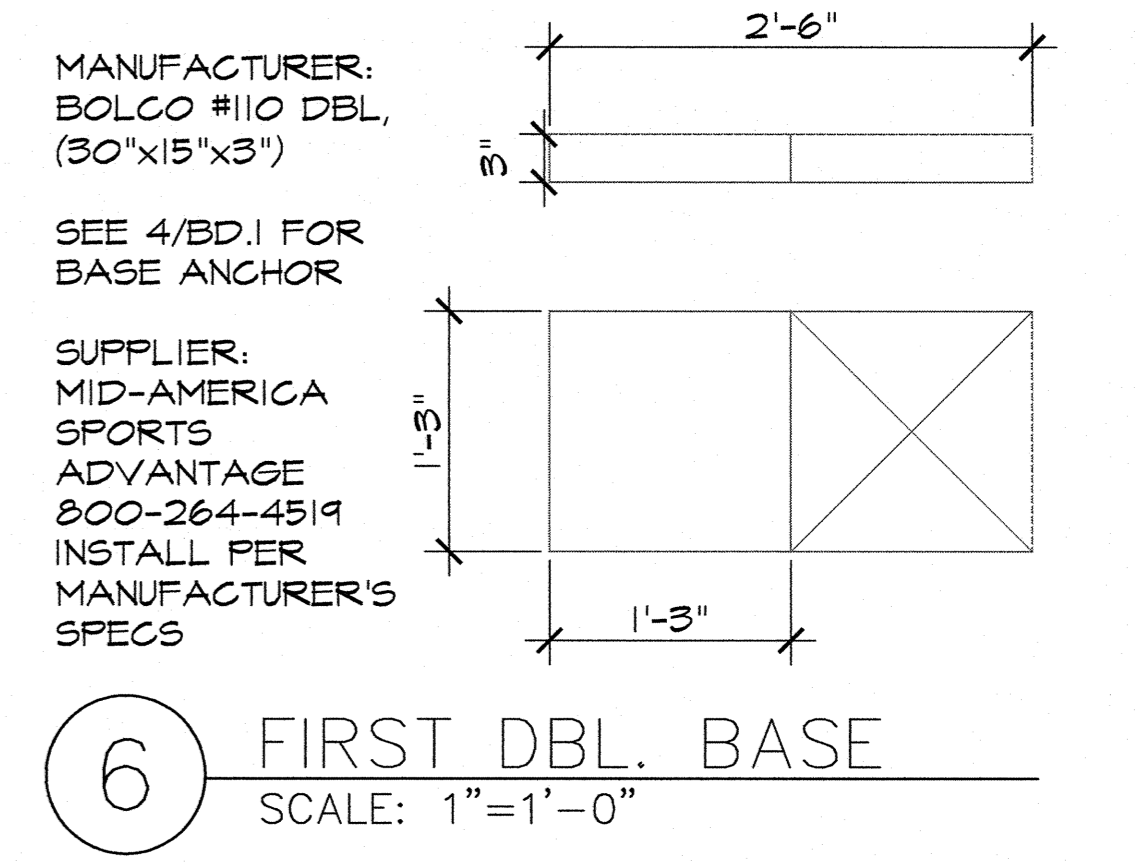
4 PITCHER'S CIRCLE (SOFTBALL)
SCALE: 1/2"=1'-0"

NOTE: THE BASEBALL PITCHING CIRCLE IS A 10' DIAMETER CIRCLE. THE CENTER IS LOCATED ALONG AN INVISIBLE LINE EXTENDING FROM THE APEX OF HOME PLATE THROUGH THE CENTER OF 2ND BASE. THE FRONT, CENTER EDGE OF THE PITCHING RUBBER IS LOCATED IN THE CENTER OF THE 5' RADIUS PITCHING CIRCLE. THE DISTANCE OF THE PITCHING RUBBER FROM THE APEX OF HOME PLATE IS 46'.

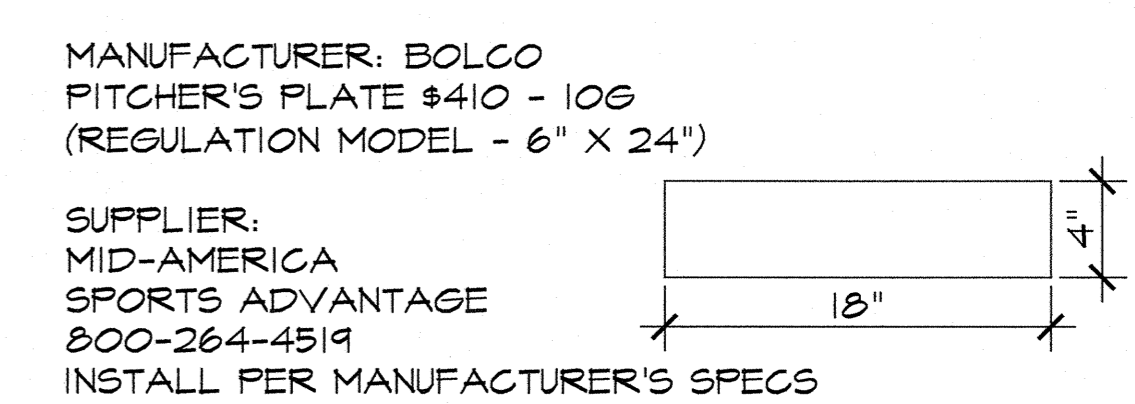
THE PITCHER'S LANE IS 3'-4" WIDE AND 8' LONG. AS AN ALTERNATE, CONTRACTOR TO PRICE BAGGED CLAY OR UNFIRED CLAY BRICK TO BE ADDED TO THE PITCHER'S LANE TO REDUCE DUGOUT AND IMPROVE FOOTING. THIS CLAY LAYER SHALL BE A MINIMUM OF 4" THICK.



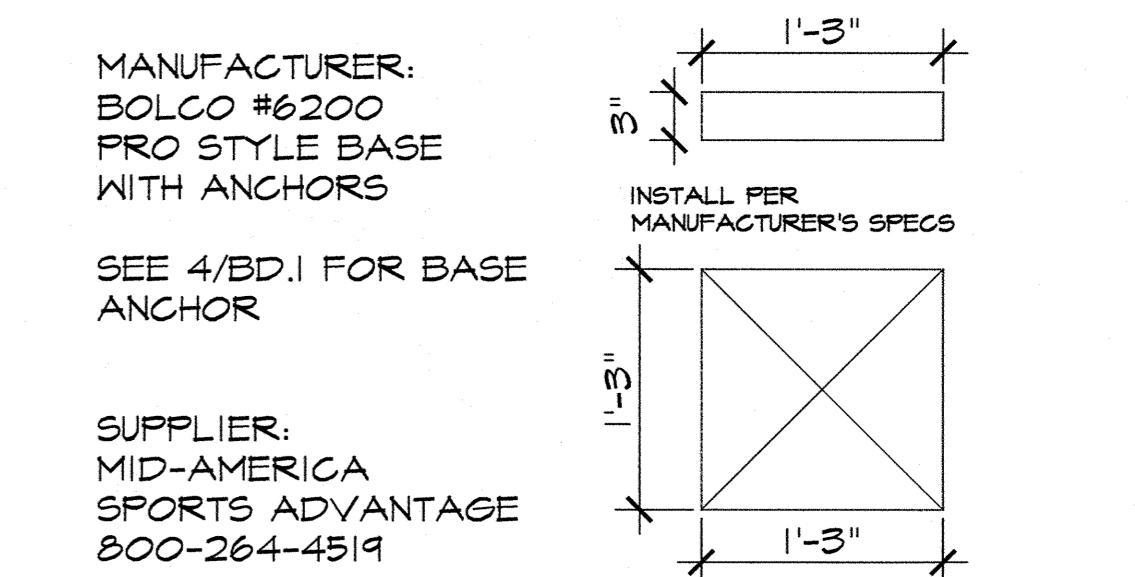
5 BATTER'S BOX
SCALE: 1/4"=1'-0"



6 FIRST DBL. BASE
SCALE: 1"=1'-0"



7 PITCHER'S PLATE
SCALE: 1"=1'-0"



8 2ND & 3RD BASE
SCALE: 1"=1'-0"

REVISIONS			
NO.	DATE	DESCRIPTION	BY
7			
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3	07-03-18	ADDRESS REVIEW COMMENTS	SGF
2	12/01/17	PROGRESS SET	SGF
1			

Travis Pruitt & Associates, Inc.
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 Phone: (770)416-7511 Fax: (770)416-6759
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 Contact Person: STEVE J BENNETT, PE

BALLFIELD CONSTRUCTION DETAILS

FREEDOM PARK

BOYS BASEBALL FIELDS

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

GEORGIA
 REGISTERED PROFESSIONAL ENGINEER
 TRAVIS PRUITT
 7628

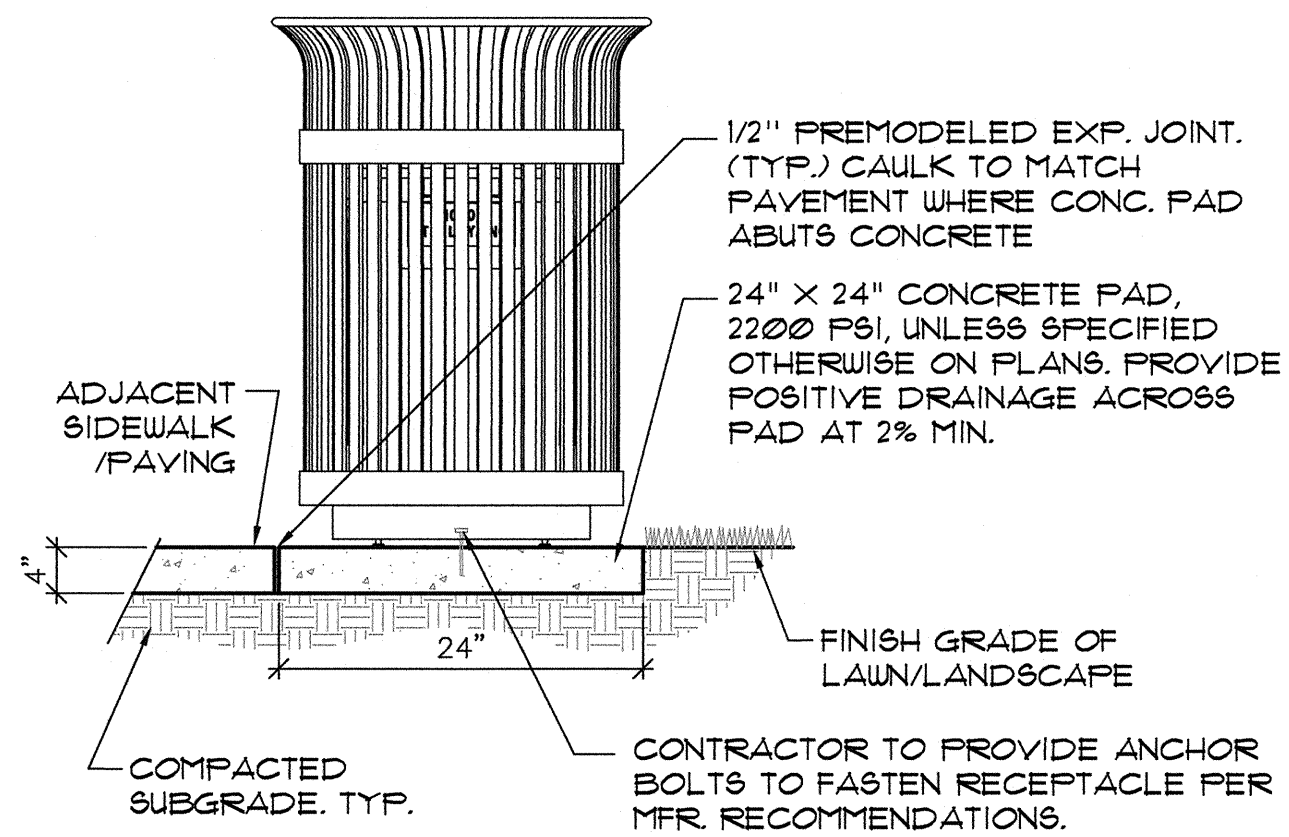
For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	NOT TO SCALE
EN:	170404DT.dwg
LSV:	PUBLISH
JN:	1-17-0404
FN:	212-E-197

INDEX NO. C12.02
 SHEET NO. 042

VICTOR STANLEY, INC. IRONSITES SERIES, MODEL: S-42, 32 GALLON LITTER RECEPTACLE, STANDARD FORMED LID, MOUNT W/(3) IN-LINE ANCHOR HOLES & STANDARD TAPERED LID, COLOR: BLACK.

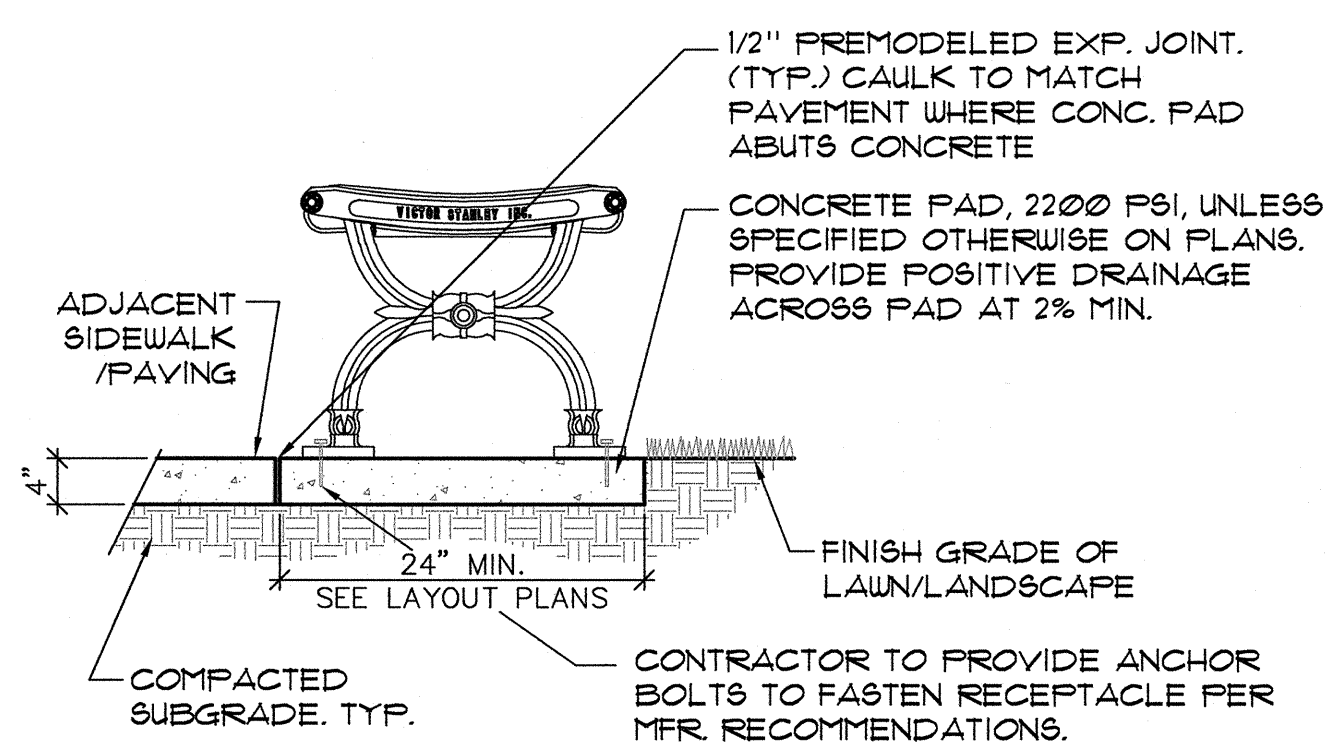
VICTOR STANLEY, INC.
Manufacturers of Quality Site Furnishings since 1942.
(800) 368-2513



1 TRASH RECEPTACLE
NOT TO SCALE

VICTOR STANLEY, INC. CLAS91C SERIES BENCH, MODEL: CR-B, 6' SCROLLED STEEL SLATS, COLOR: POWDER-COATED BLACK (OR APPROVED EQUAL).

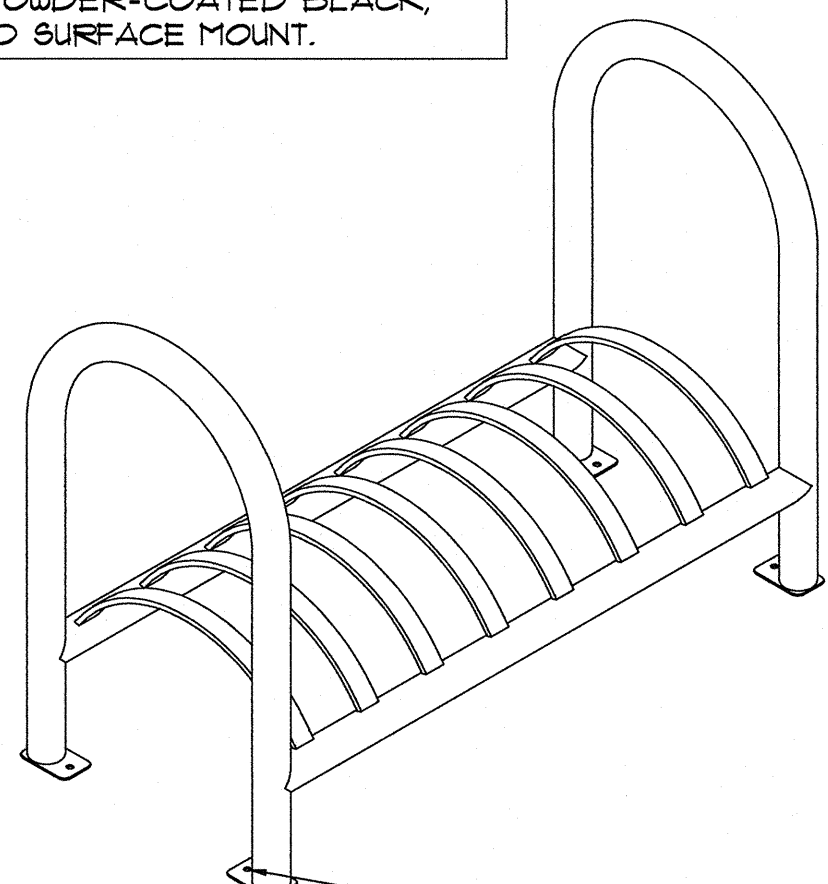
VICTOR STANLEY, INC.
Manufacturers of Quality Site Furnishings since 1942.
(800) 368-2513



2 BENCHES
SCALE: 1"=1'-0"

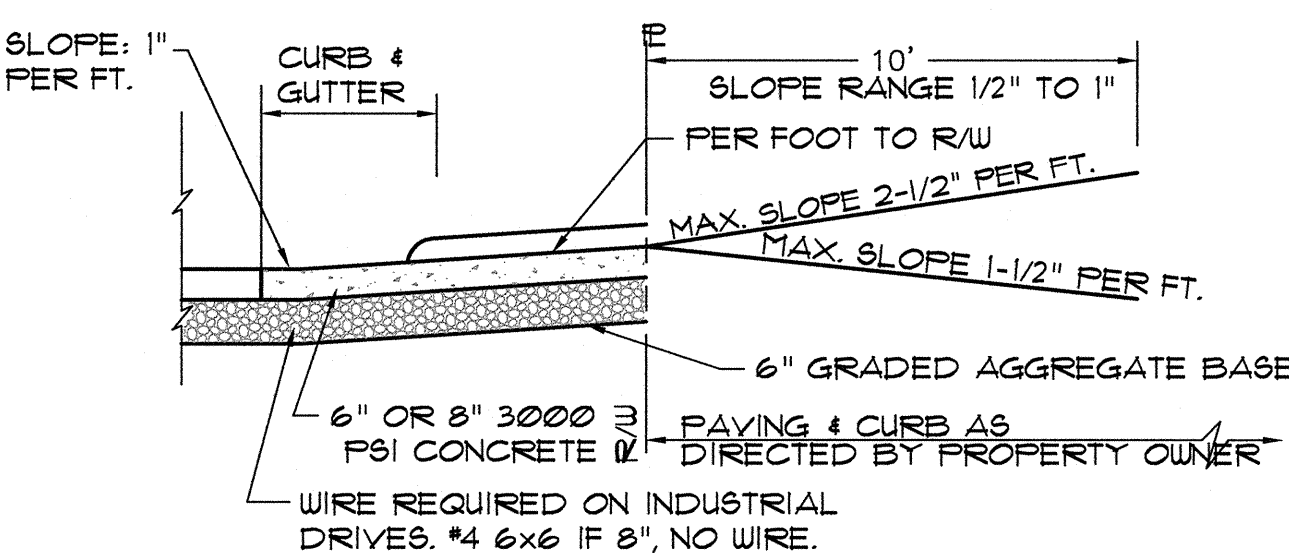
VICTOR STANLEY, INC. PRAIRIE 818S SERIES BIKE RACK, MODEL: BK-4, COLOR: POWDER-COATED BLACK, STANDARD SURFACE MOUNT.

VICTOR STANLEY, INC.
Manufacturers of Quality Site Furnishings since 1942.
(800) 368-2513

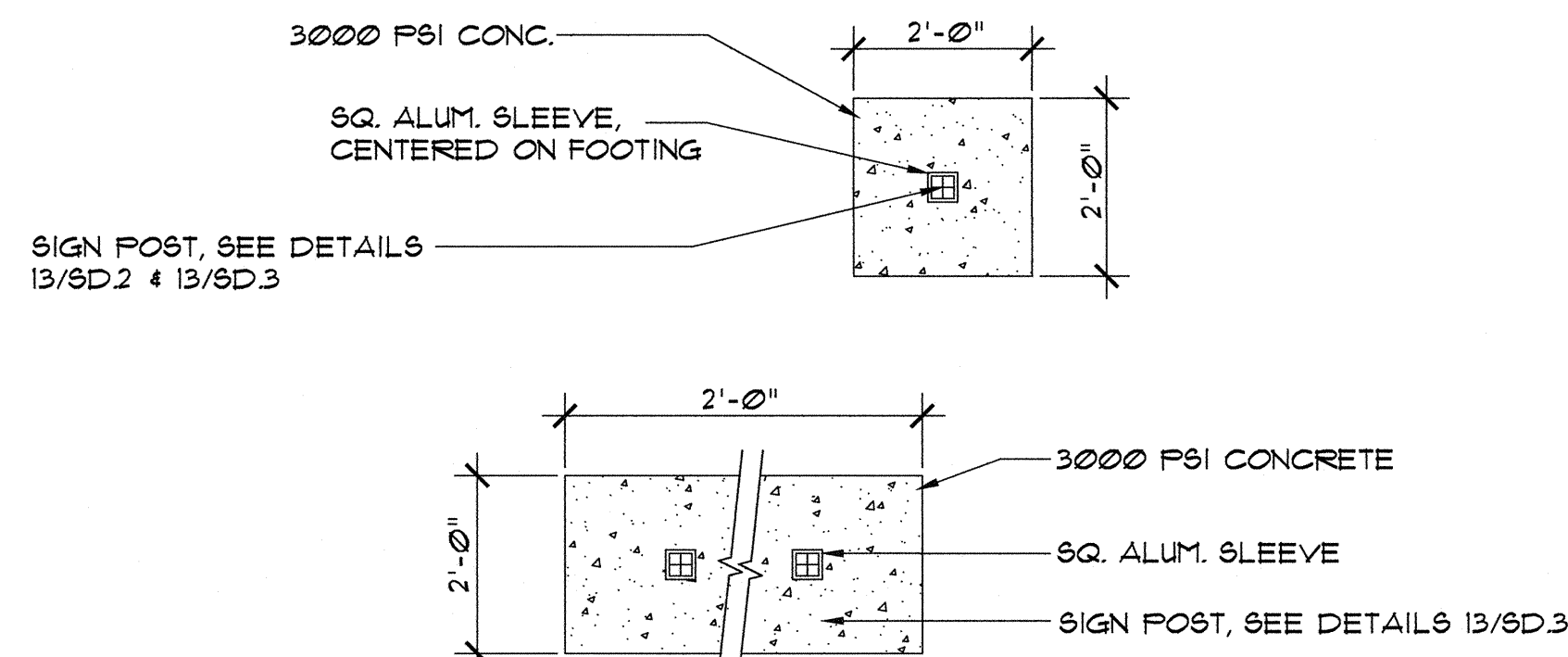


CONTRACTOR TO PROVIDE ANCHOR BOLTS TO FASTEN RECEPTACLE PER MFR. RECOMMENDATIONS.

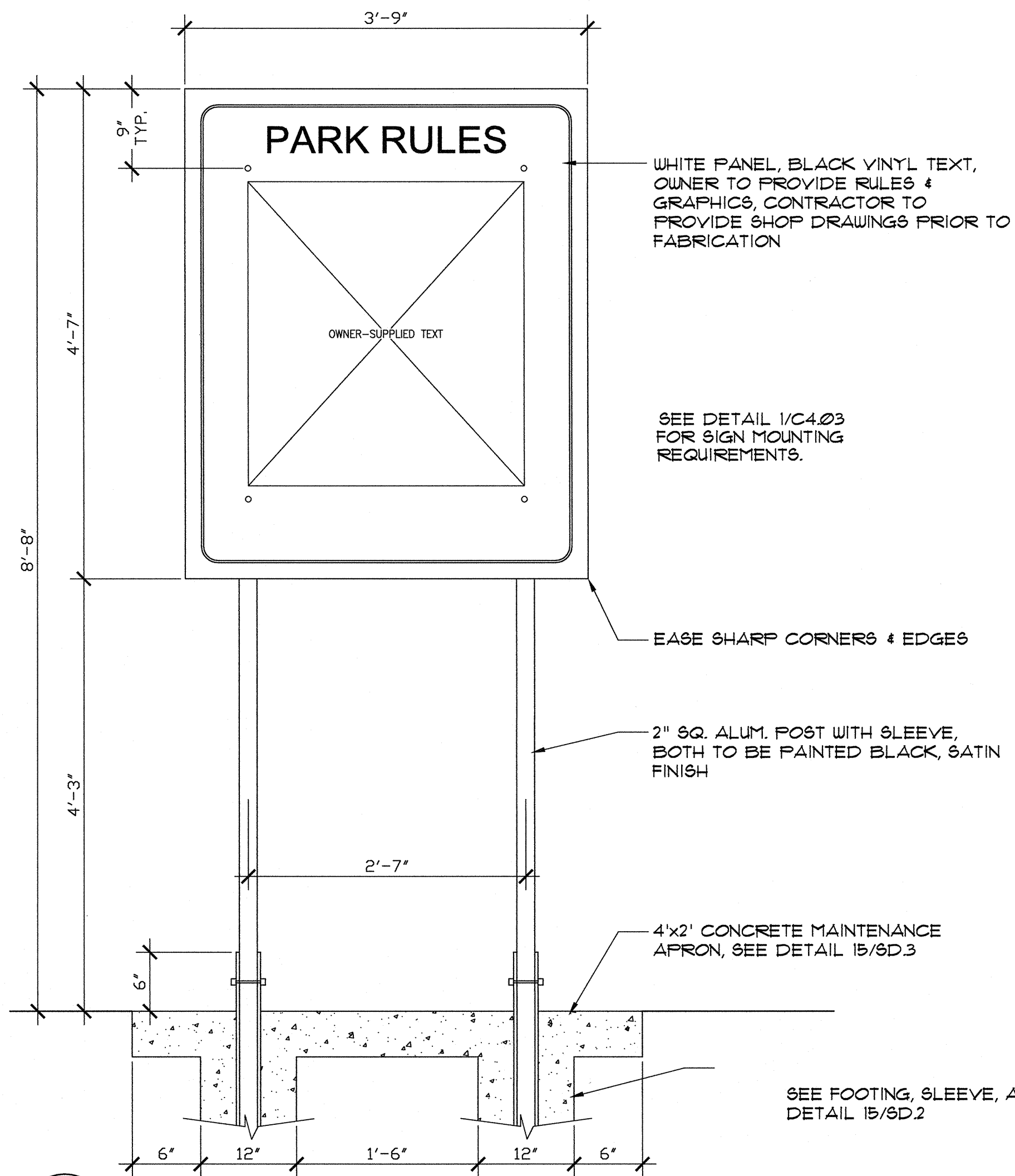
3 BIKE RACK
NOT TO SCALE



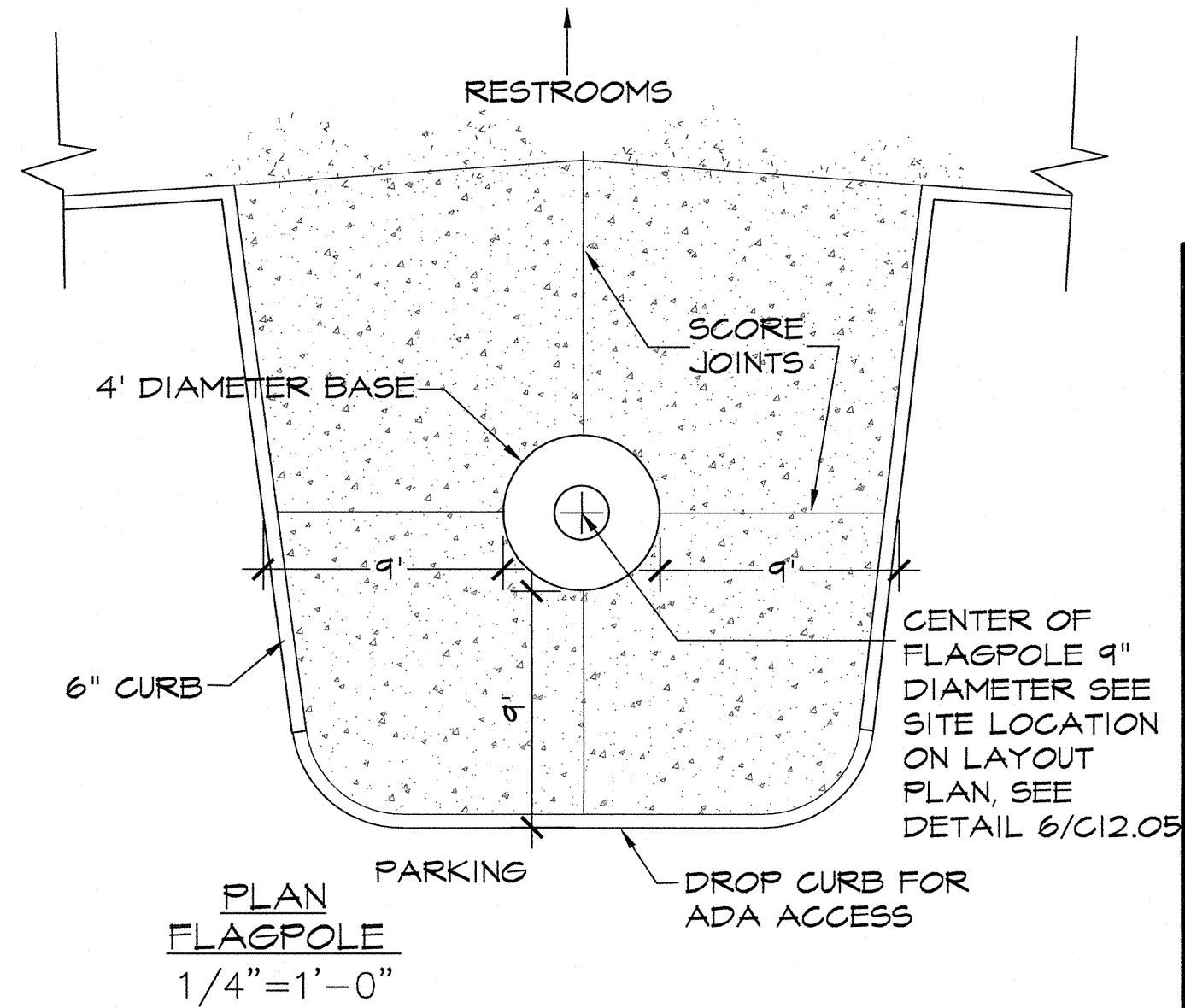
4 CONCRETE APRON
NOT TO SCALE



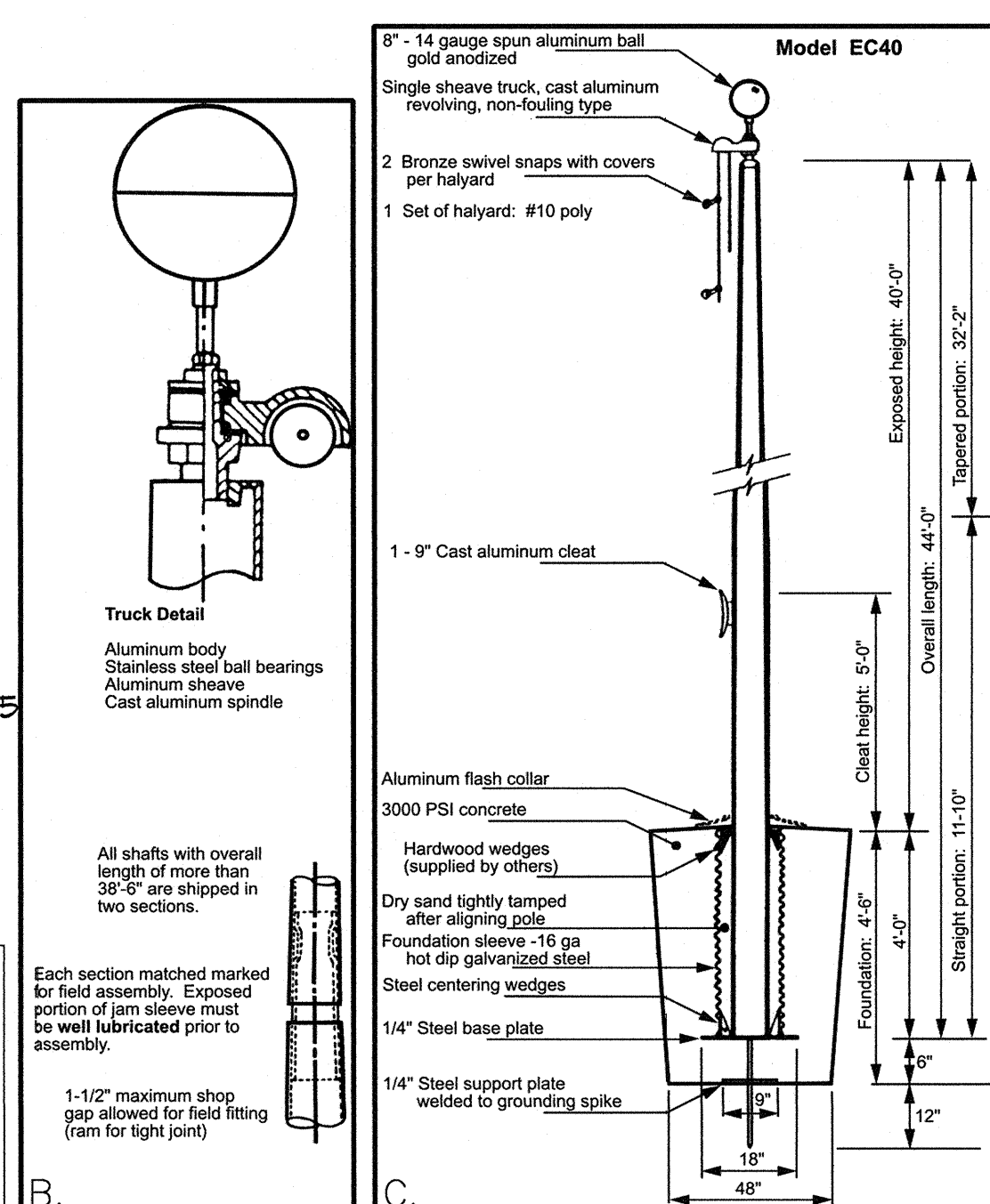
5 POST APRONS
NOT TO SCALE



6 PARK RULES SIGN
NOT TO SCALE



7 FLAGPOLE WITH CONCRETE PAD
NOT TO SCALE

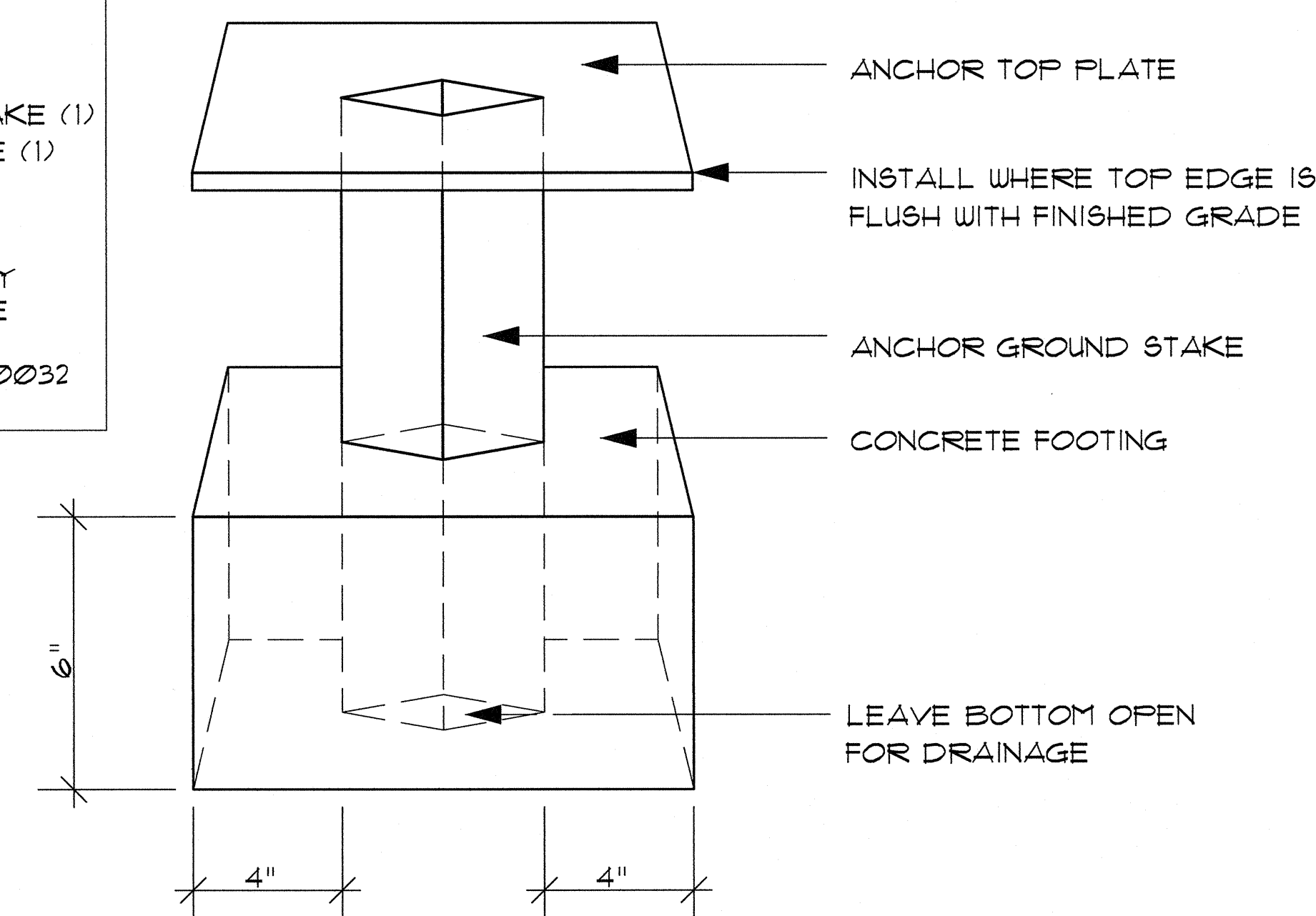
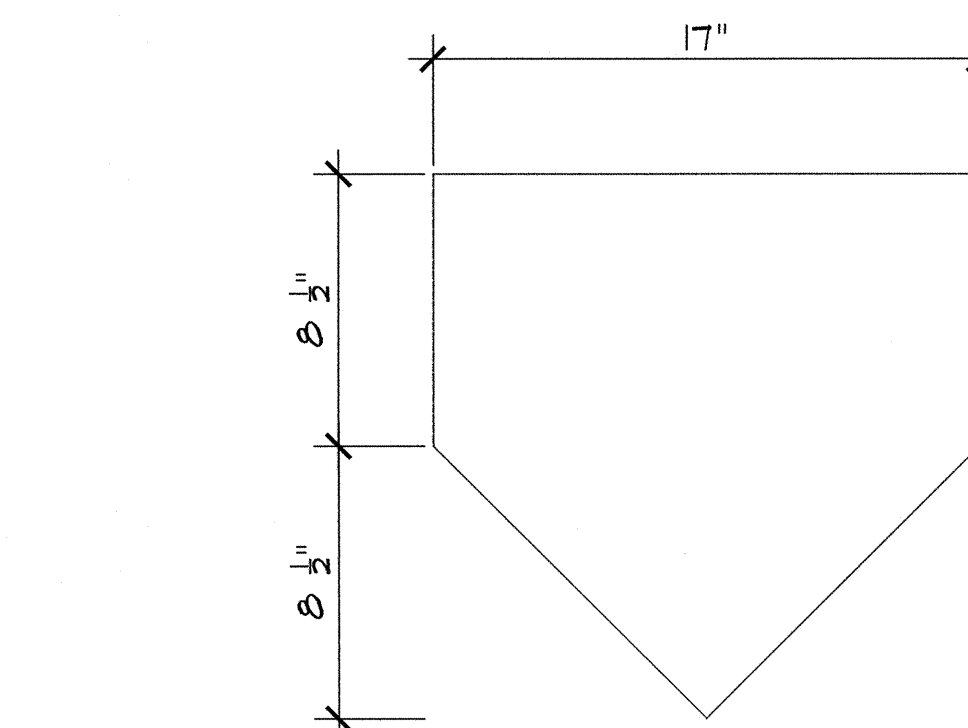


8 HOME PLATE
SCALE: 1"=1'-0"

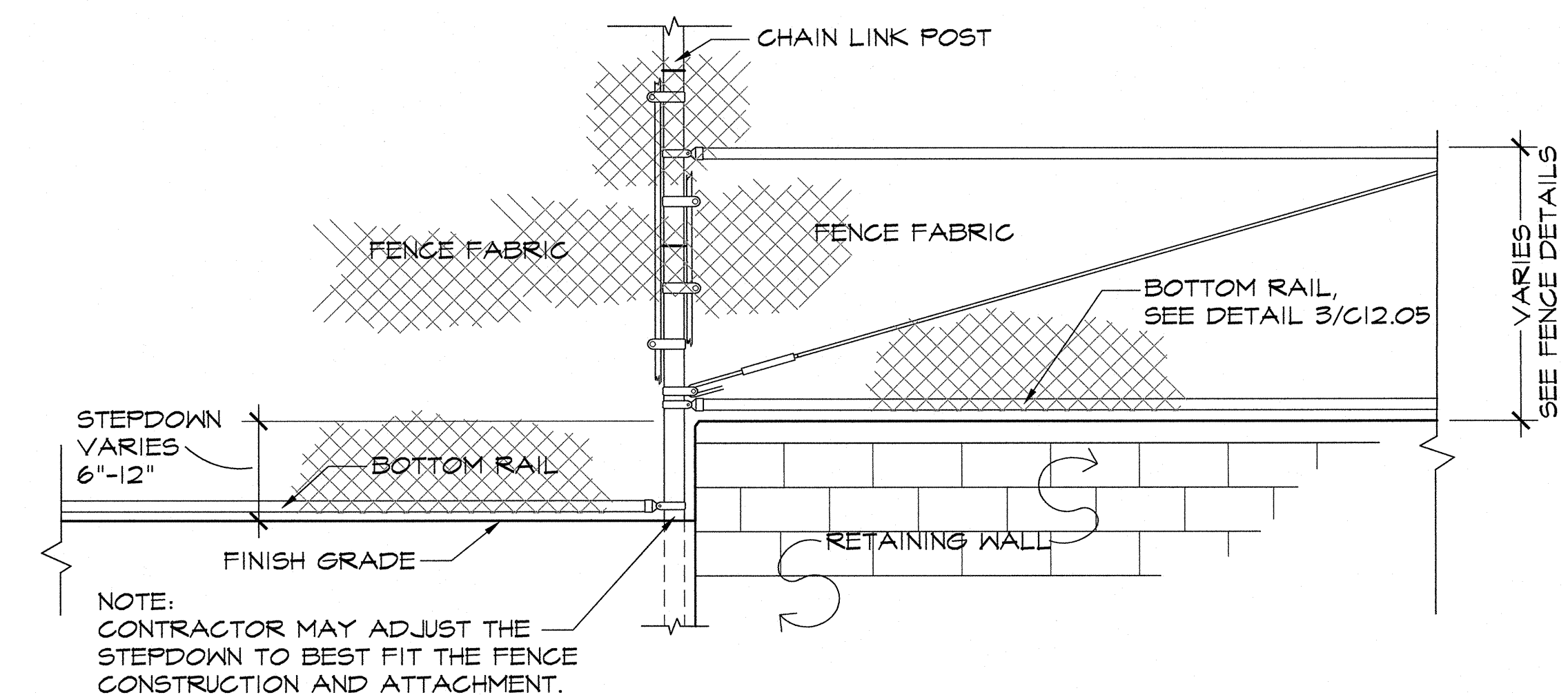
MANUFACTURER:
BOLCO # 205 BA
(SET OF 3)

EXTRA:
225-BAS: GROUND STAKE (1)
245 - BAT: TOP PLATE (1)

SUPPLIER:
PARALLEL & COMPANY
4542 MEMORIAL DRIVE
SUITE 208
DECATUR, GEORGIA 30032
(404) 293 - 2414

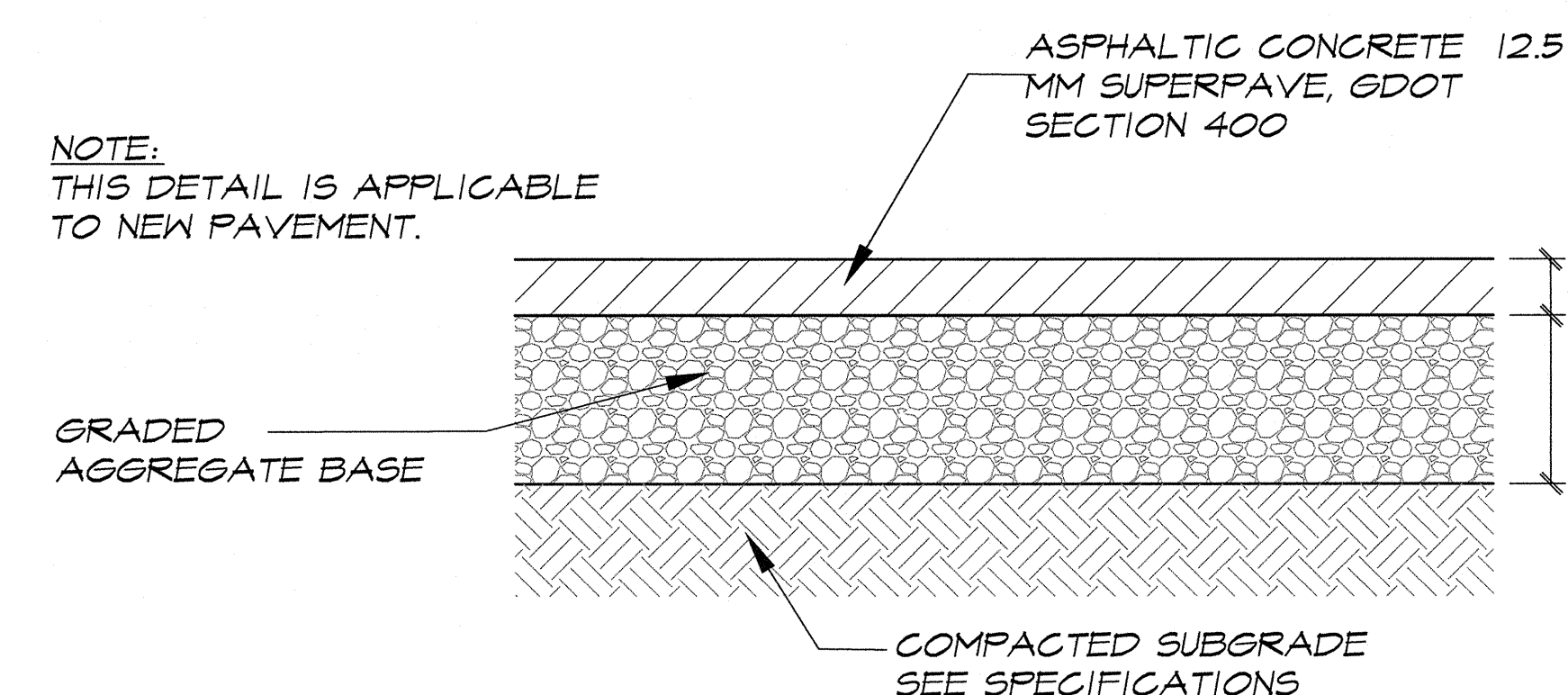


9 BASE ANCHOR
NOT TO SCALE



10 WALL STEPDOWN WITH CHAINLINK FENCE POST
1/2"=1'-0"

NOTE:
CONTRACTOR MAY ADJUST THE STEPDOWN TO BEST FIT THE FENCE CONSTRUCTION AND ATTACHMENT.



11 ASPHALT PAVING
NOT TO SCALE

REVISIONS			
NO.	DATE	PROGRESS SET	BY
7			
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2	07-03-18	ADDRESS REVIEW COMMENTS	SGF
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SITE CONSTRUCTION DETAILS

FREEDOM PARK

BOYS BASEBALL FIELDS

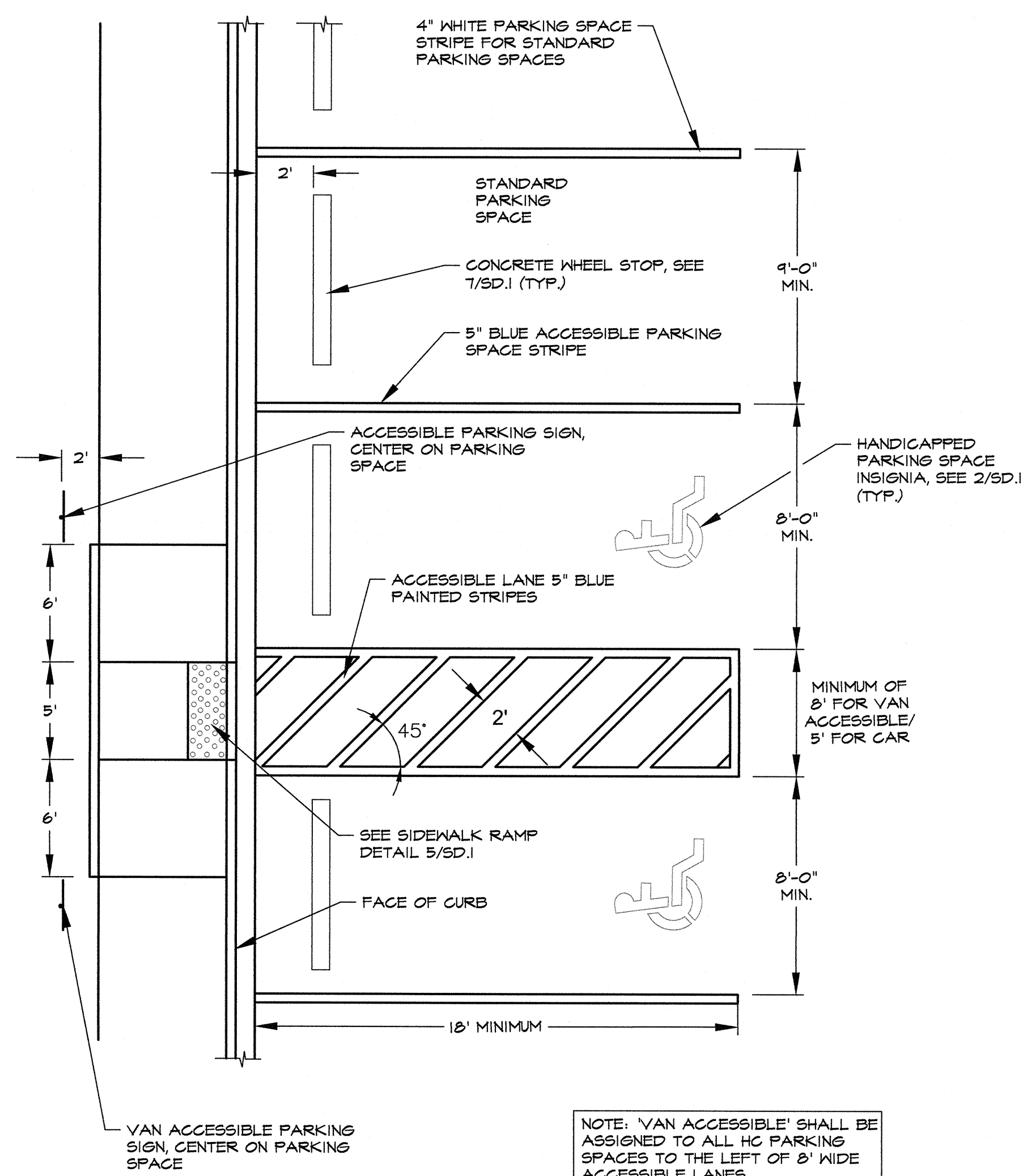
LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

GEORGIA
REGISTERED PROFESSIONAL ENGINEER
STEVE J. BENNETT, P.E.
1-618

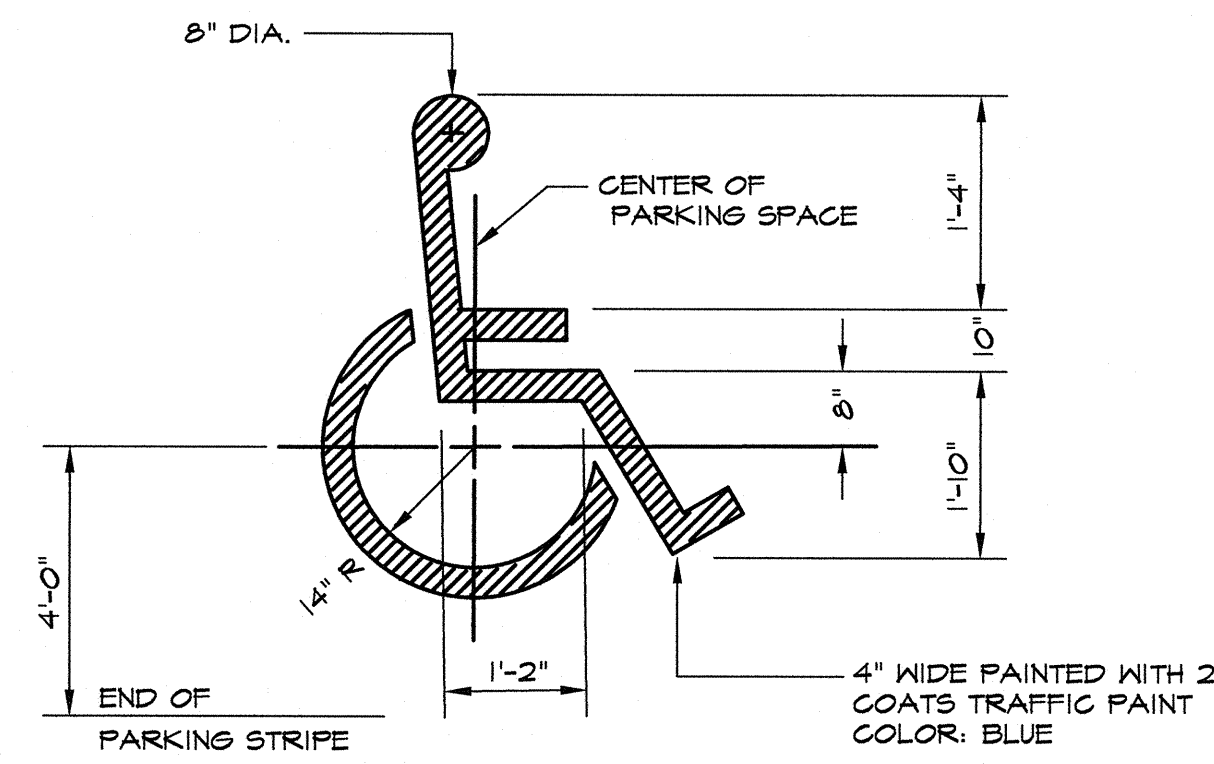
For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	NOT TO SCALE
EN:	170404DT.DWG
LBV:	!PUBLISH
JN:	1-17-0404
FN:	212-E-197

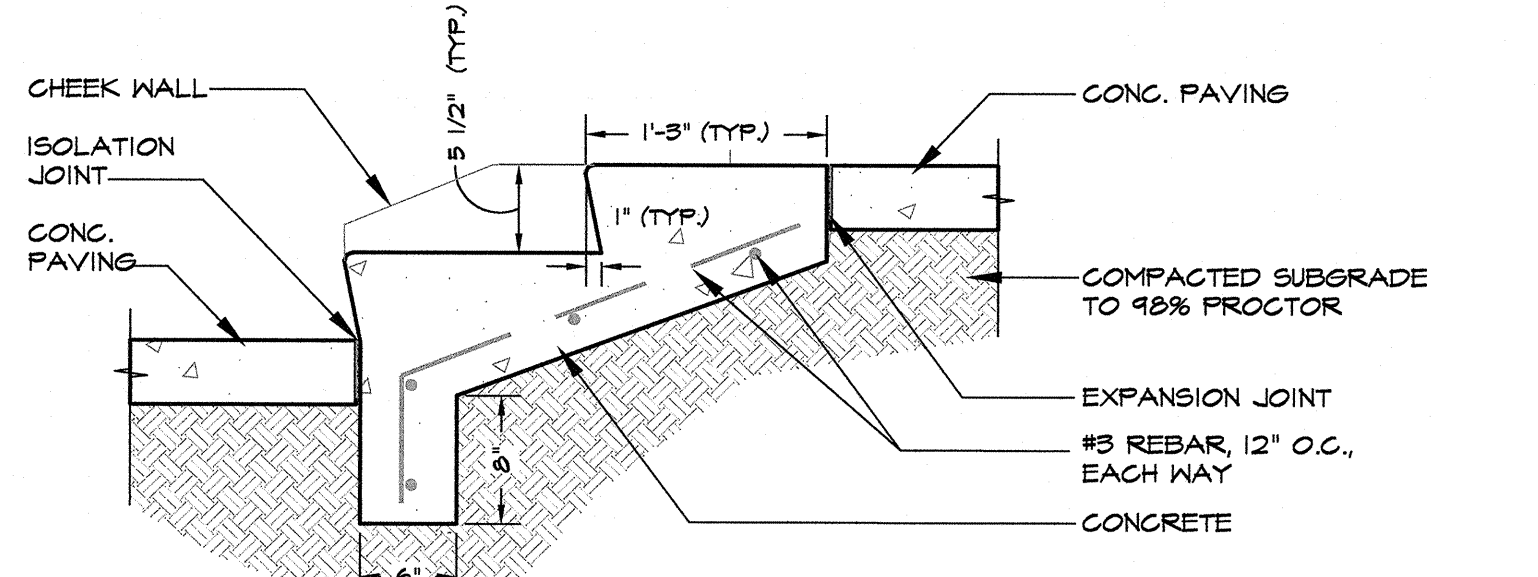
INDEX NO. **C12.03**
SHEET NO. **043**



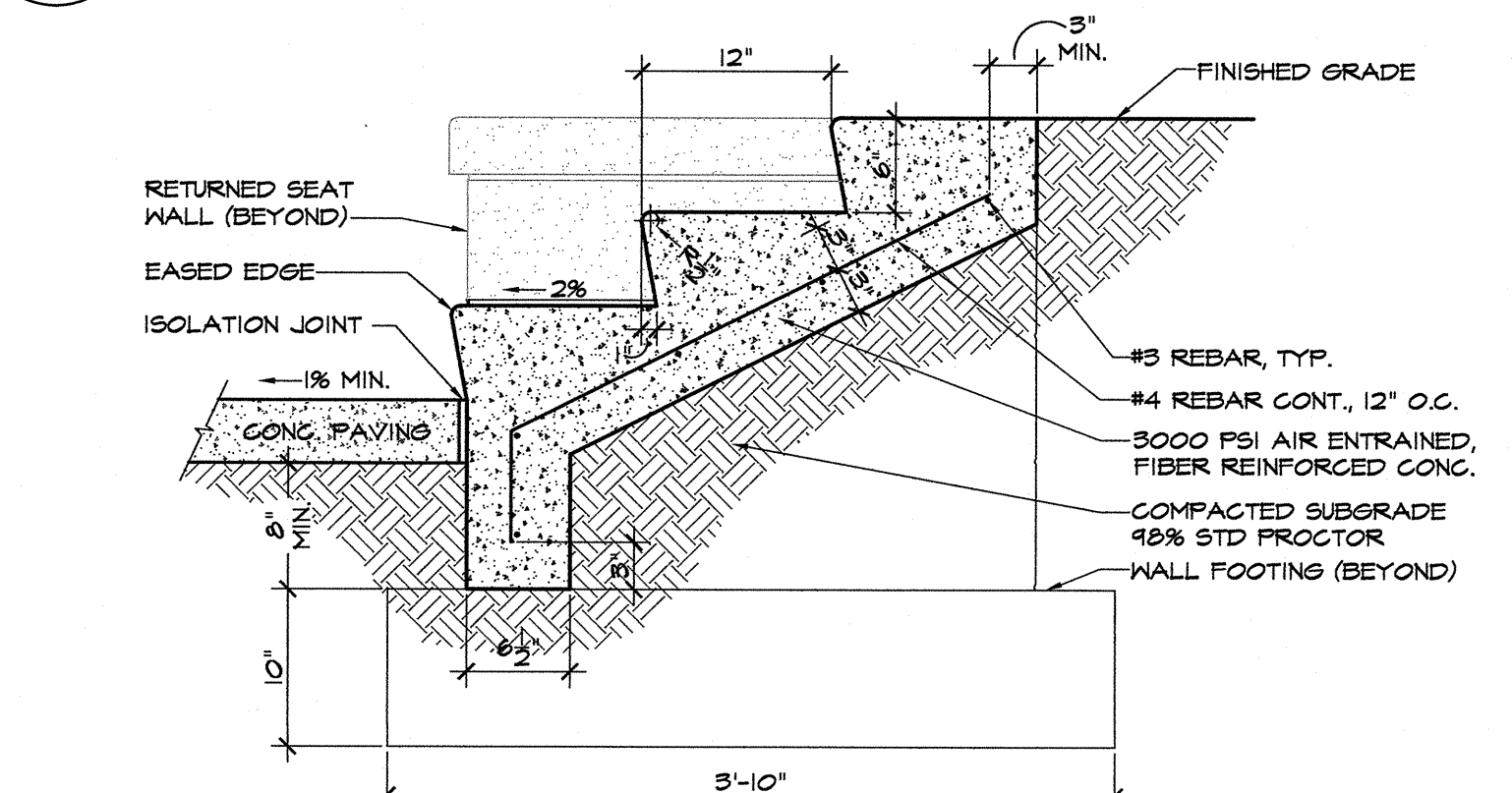
1 STANDARD & ACCESSIBLE PARKING SPACES
NOT TO SCALE



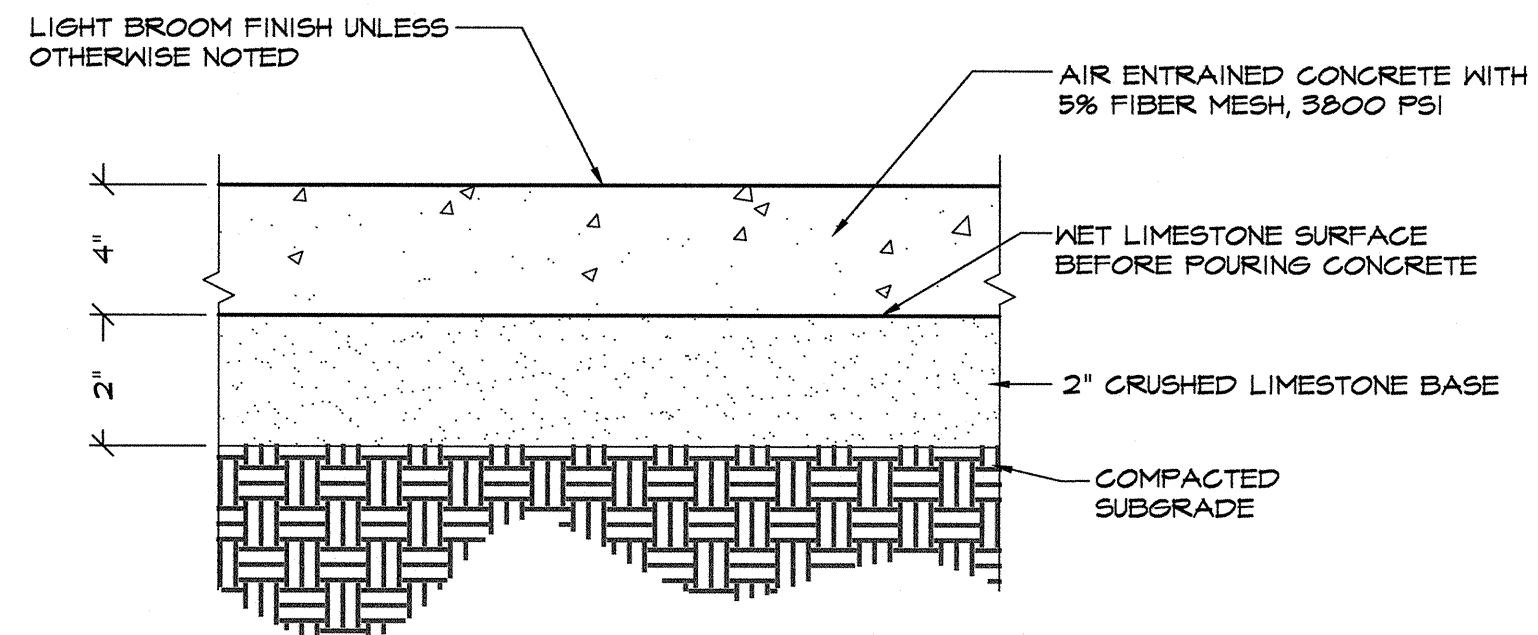
2 HANDICAP SYMBOL
NOT TO SCALE



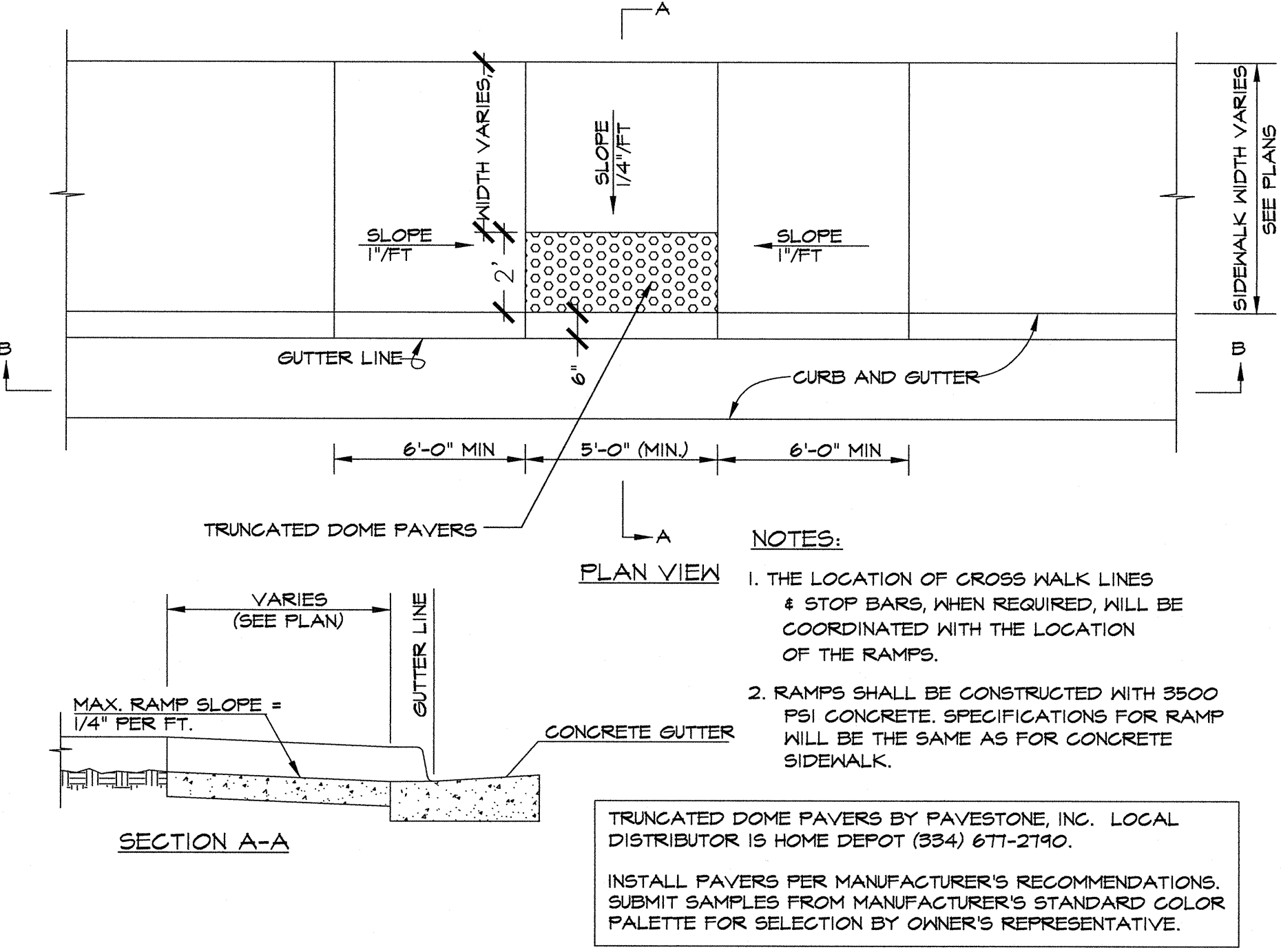
3 CONCRETE STEPS WITH CHEEKWALL
SCALE: 1"=1'-0"



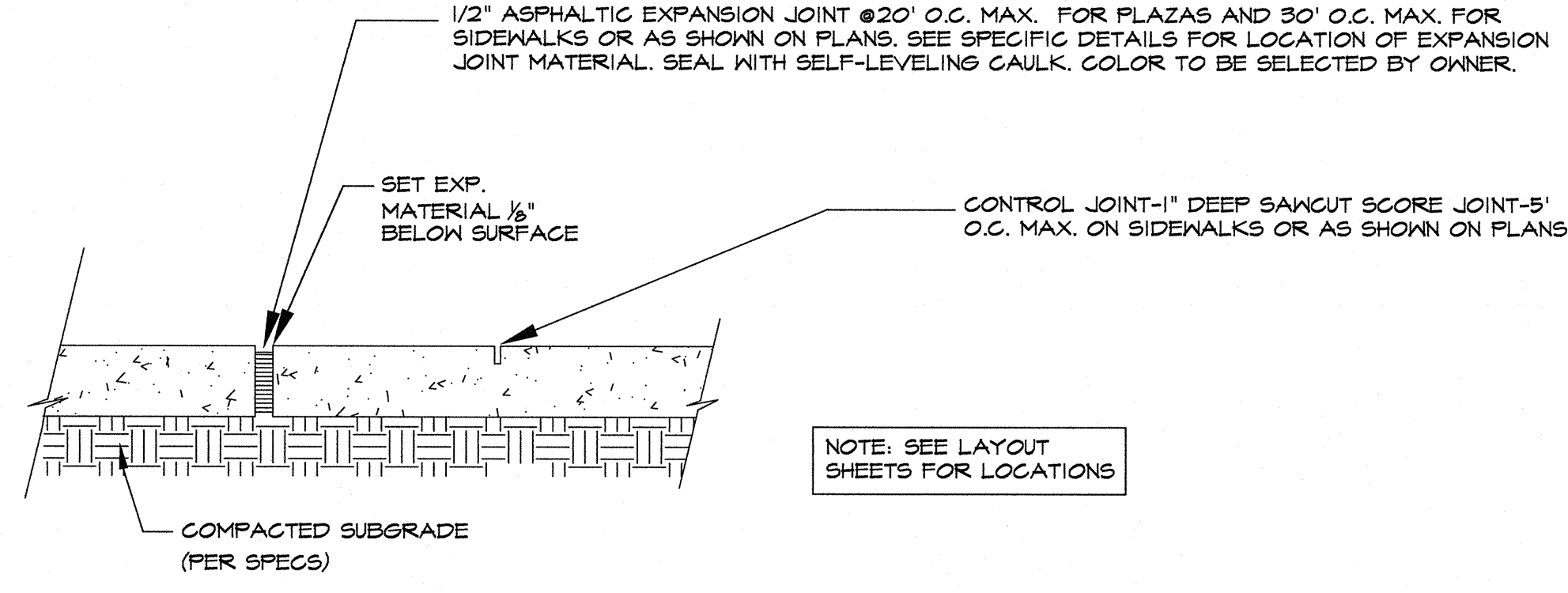
4 CONCRETE STEPS @ RETAINING WALL
SCALE: 1"=1'-0"



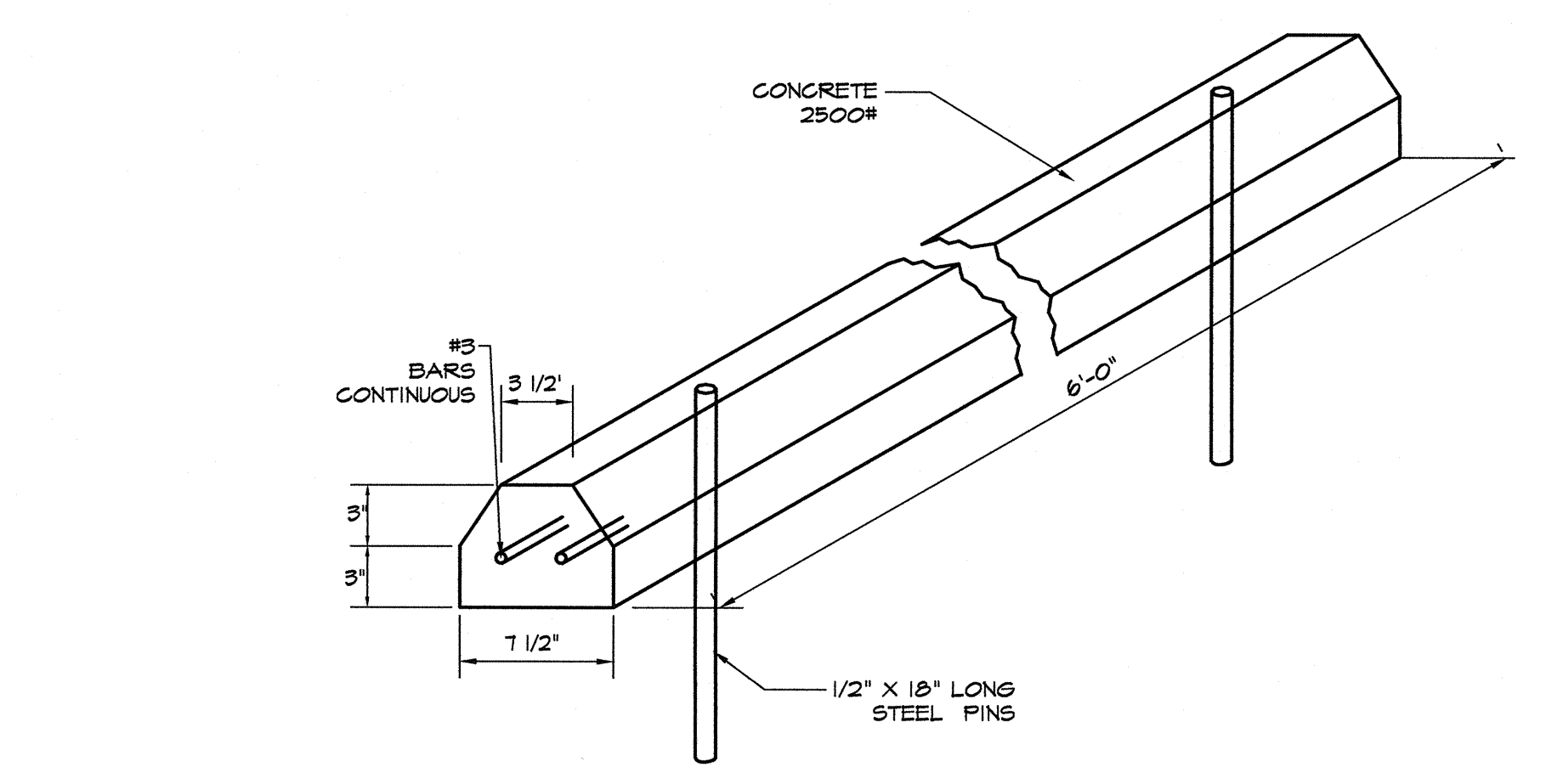
5 CONCRETE PAVING
NOT TO SCALE



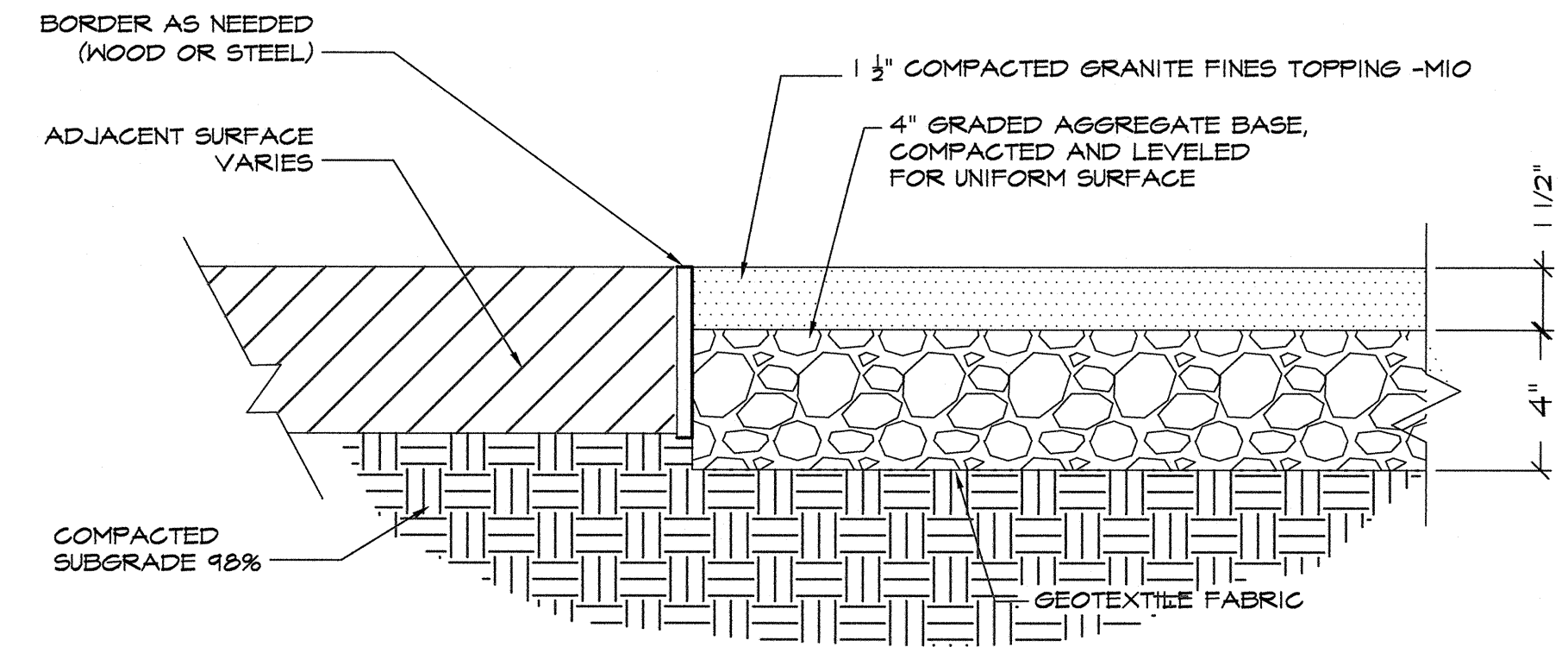
6 SIDEWALK RAMP DETAIL
NOT TO SCALE



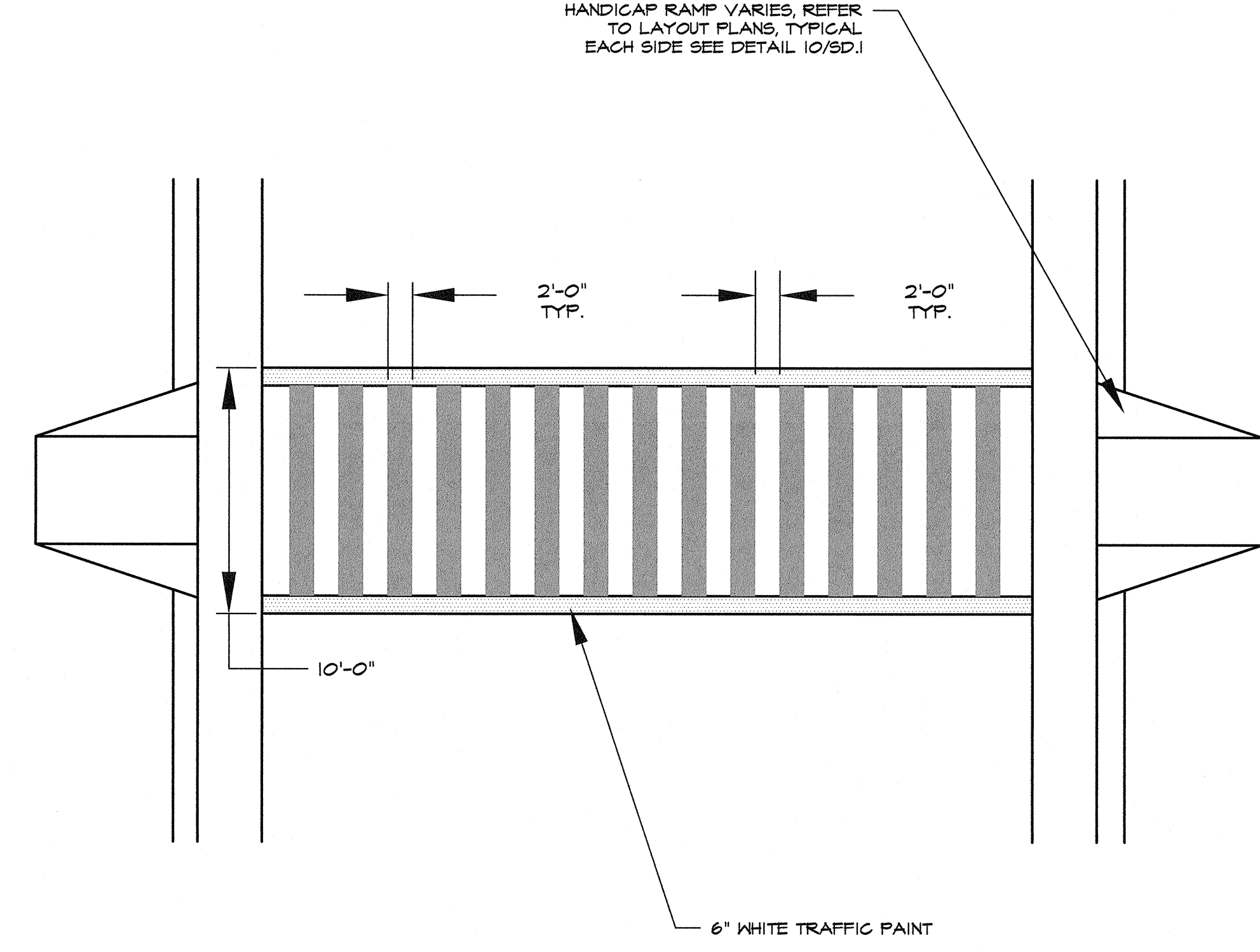
7 TYPICAL JOINT DETAIL
NOT TO SCALE



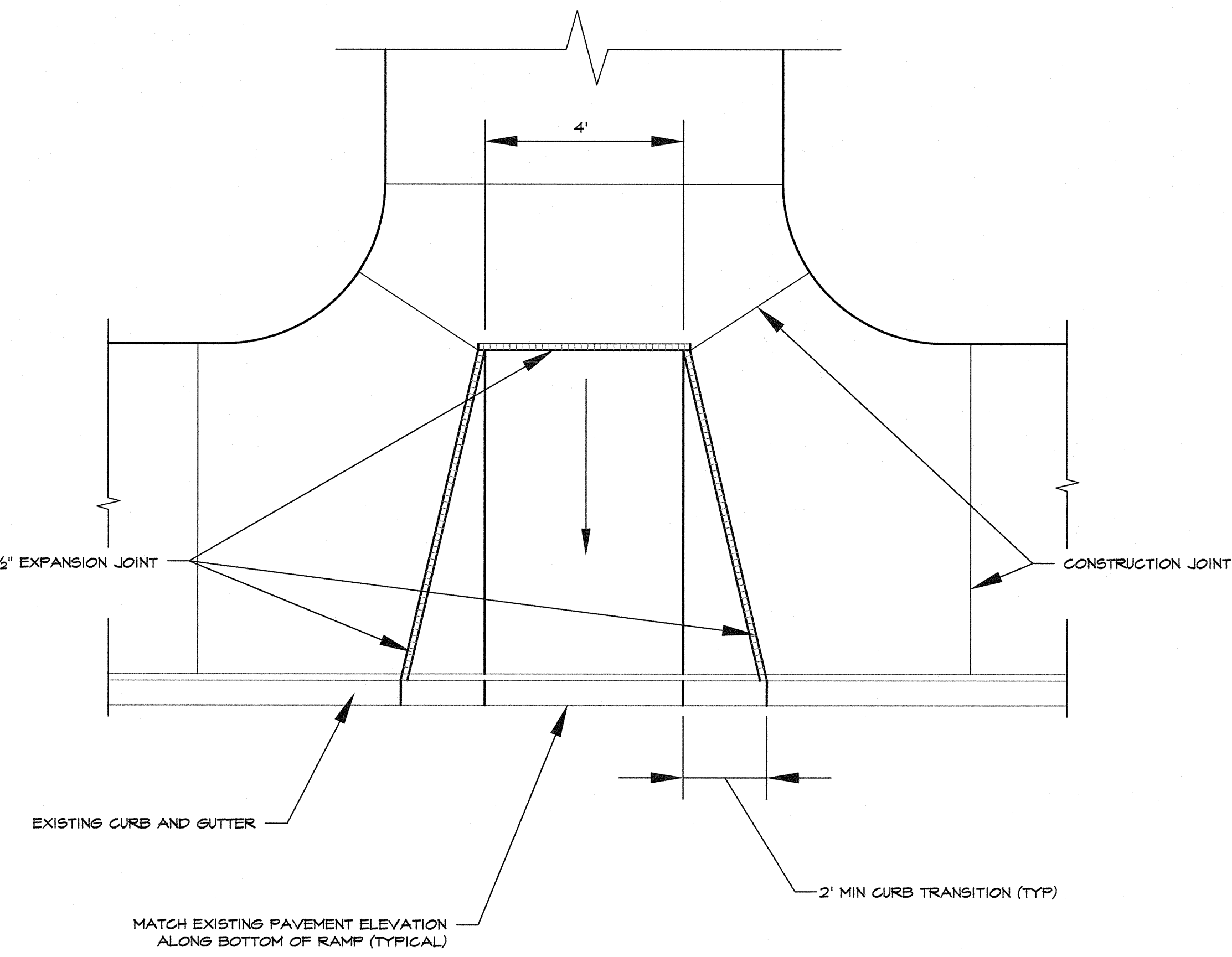
8 CONCRETE WHEEL STOP
NOT TO SCALE



9 GRAVEL PARKING SURFACE (ALTERNATE)
NOT TO SCALE



10 CROSSWALK
NOT TO SCALE



11 CURB RAMP @ CROSSWALK
NOT TO SCALE

REVISIONS			
NO.	DATE	DESCRIPTION	BY
7			
6			
5			
4			
3	07-03-18	ADDRESS REVIEW COMMENTS	SGF
2	12/01/17	PROGRESS SET	SGF
1			

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 www.travispruitt.com
 Contact Person: STEVE J BENNETT, PE

SITE CONSTRUCTION DETAILS

FREEDOM PARK

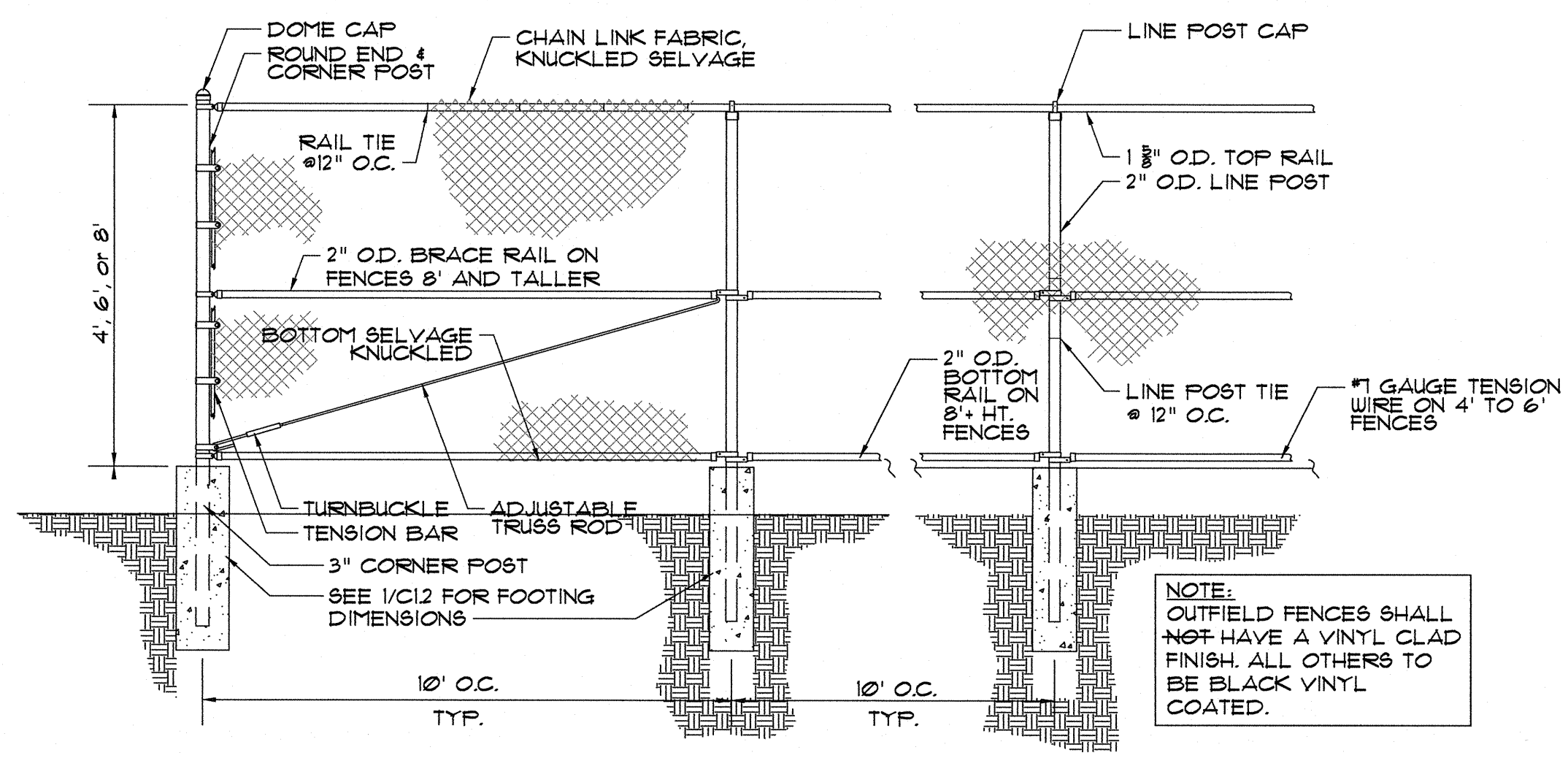
BOYS BASEBALL FIELDS

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

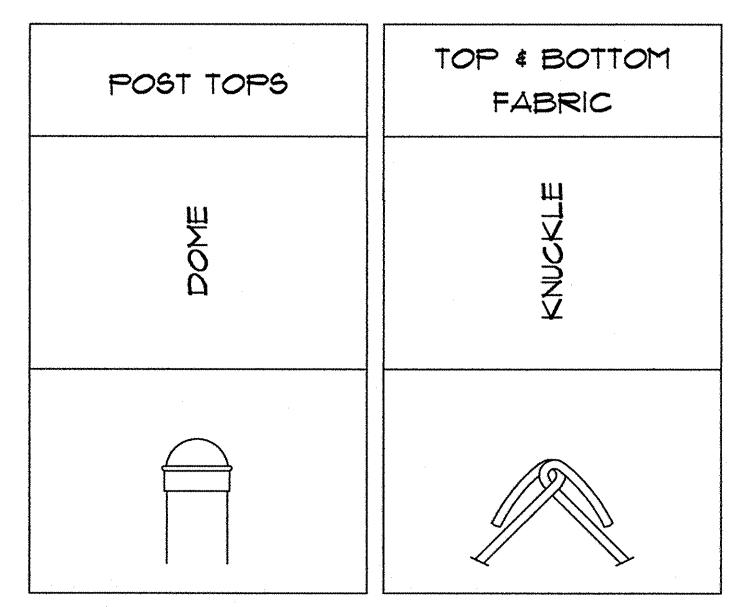
For The Firm Travis Pruitt & Associates, Inc.

DATE: 5/19/2018
 SCALE: NOT TO SCALE
 DN: 1704040T.dwg
 LSBV: PUBLISH
 JN: 1-17-0404
 FN: 212-E-197

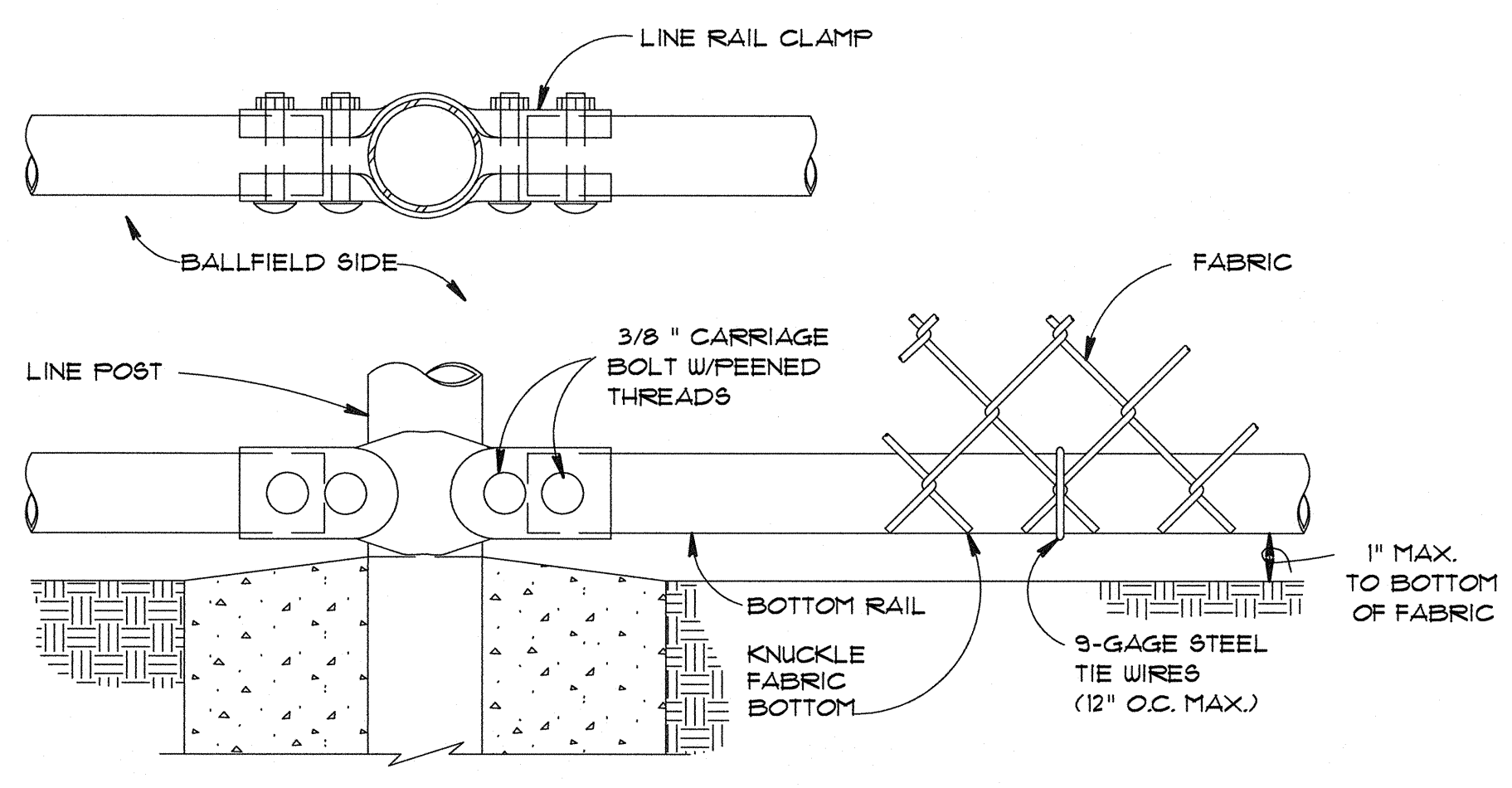
INDEX No. C12.04
 SHEET No. 044



1 CHAINLINK FENCE - TYPICAL
NOT TO SCALE

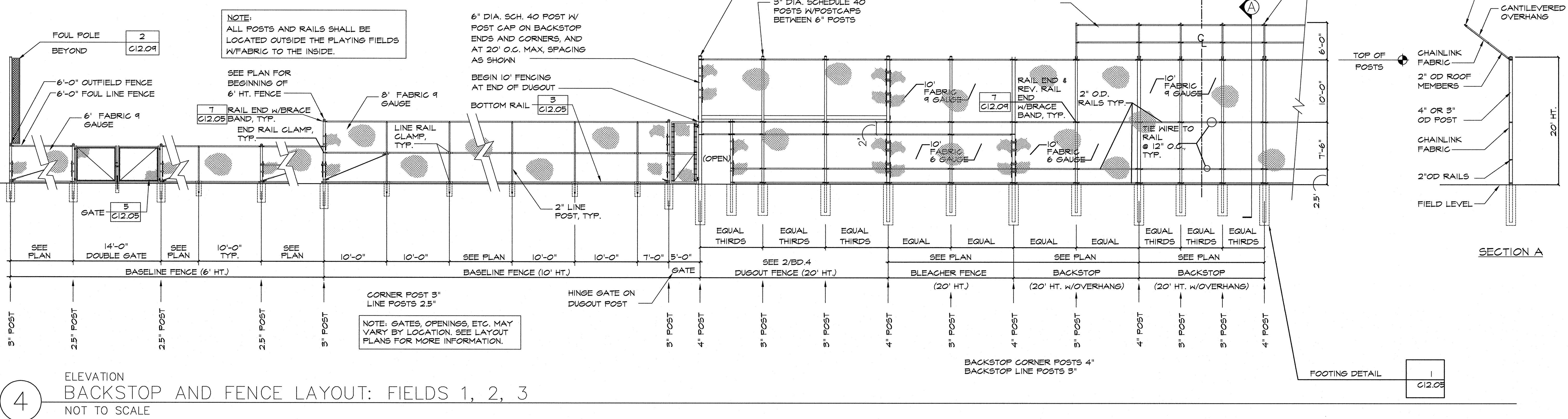


2 POST CAPS & FABRIC EDGES
NOT TO SCALE

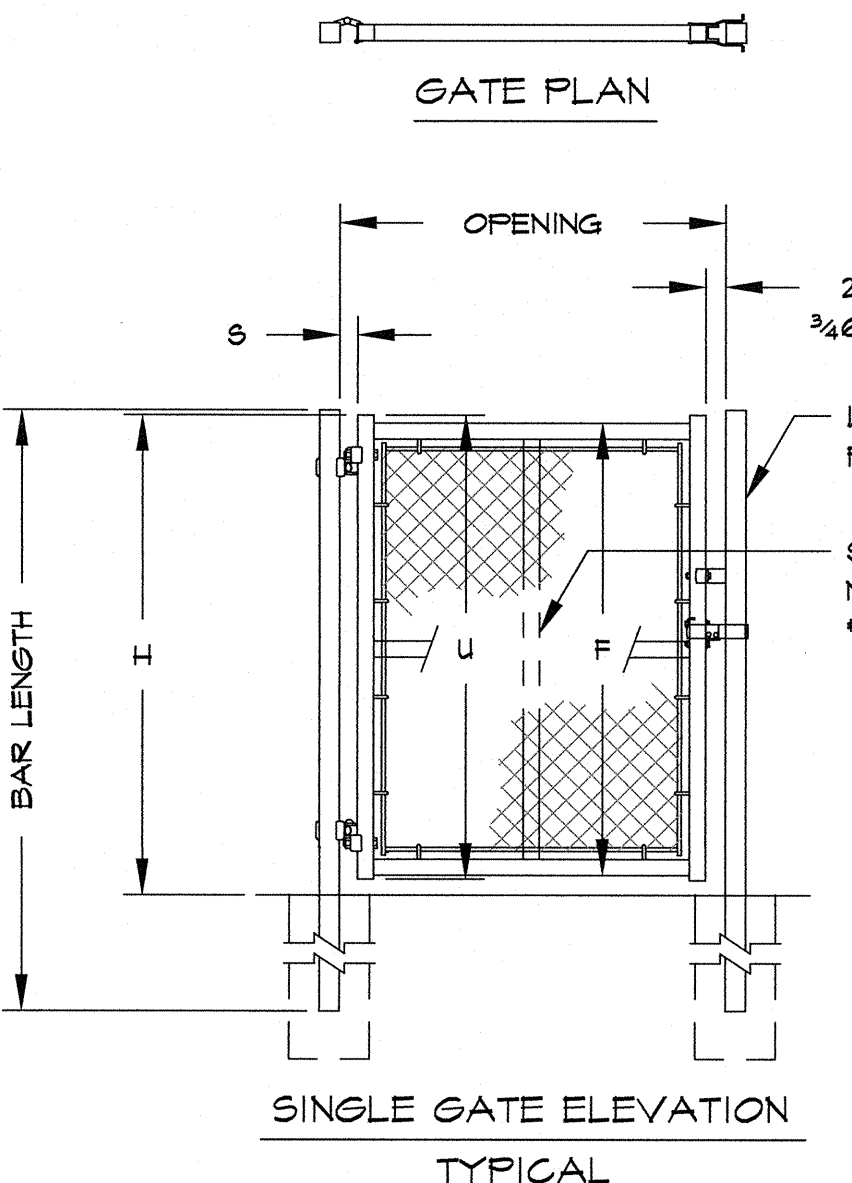


3 BOTTOM RAIL DETAIL
NOT TO SCALE

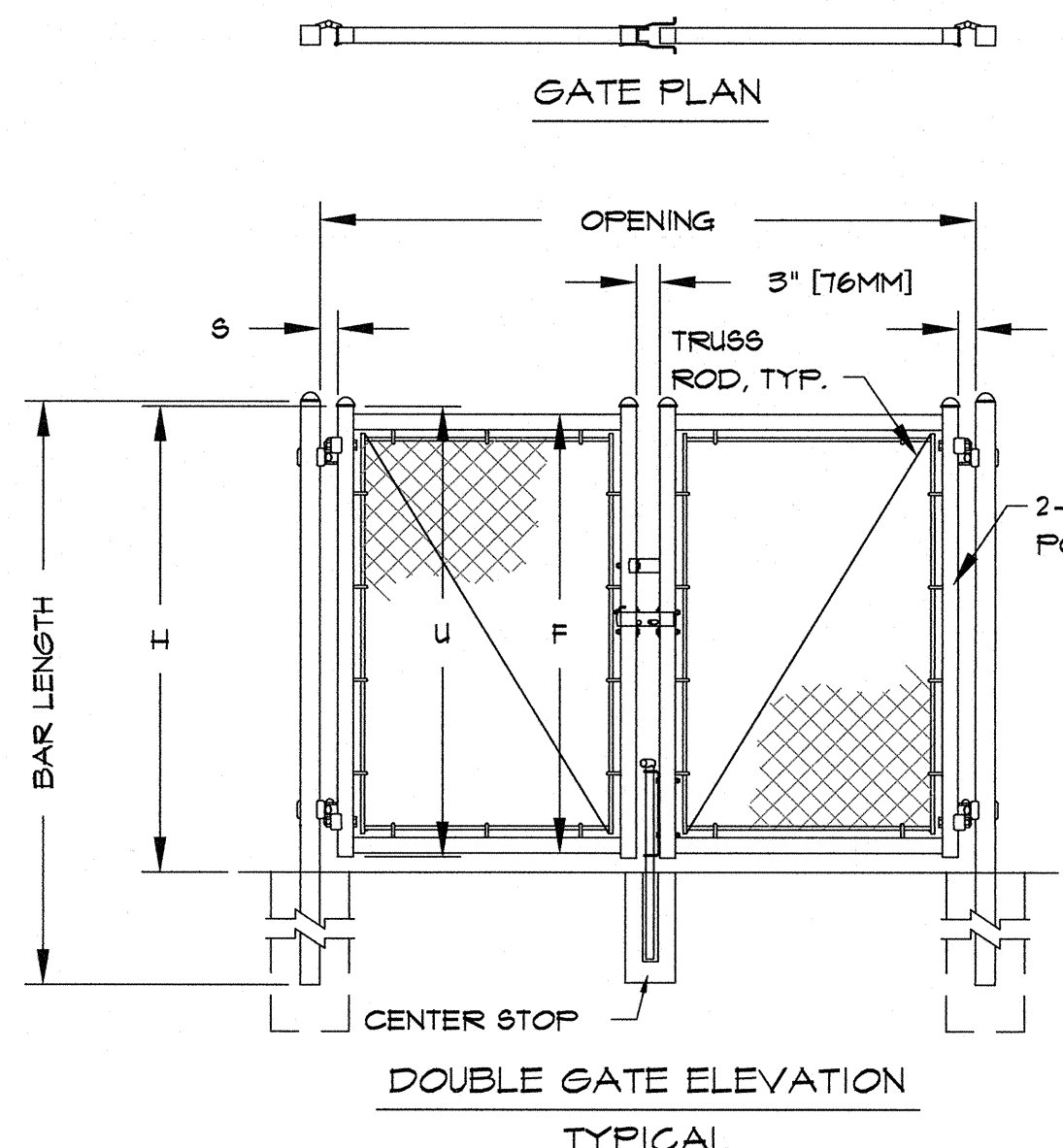
- NOTES:
1. ALL POSTS AND RAILS SHALL BE LOCATED OUTSIDE THE PLAYING FIELDS W/FABRIC TO THE INSIDE.
 2. ALL TERMINAL AND LINE POST SHALL BE SCH. 40 STEEL UNLESS OTHERWISE NOTED.
 3. ALL RAILS SHALL BE ROLL-FORMED STEEL OR EQUAL C TYPE RAIL POST.
 4. ALL POSTS SHALL BE EQUIPPED WITH EITHER LINE POST CAPS OR STANDARD CAPS TO KEEP MOISTURE OUT OF POST.
 5. ALL FENCING SHALL BE KNUCKLED TOP AND BOTTOM.
 6. SEE FENCING CHARTS FOR CORNER POST AND LINE POST REQUIREMENTS.
 7. CHANGES IN REQUIRED PLANS DUE TO SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR APPROVAL.
 8. ALL FIELD ACCESS GATES TO BE SINGLE PANELS UNLESS NOTED OTHERWISE ON PLANS.
 9. SOFT STEEL TIES, (9 GAUGE TO MATCH FENCE FABRIC COATING).
 10. MID-RAIL ON FENCING @ 4 OVER.
 11. FENCING HT. 4' AND UNDER 1 BAND PER FOOT. FENCING HT. 5' AND ABOVE 1 BAND LESS THAN HT. OF FENCE.
 12. ALL FENCE FABRIC, POSTS, RAILS, HARDWARE, ETC. TO BE BLACK VINYL COATED (BLACK) IN BASE BID. SEE BID FORM AND SPECS. GAUGE OF VINYL COATED FABRIC REFERS TO CORE WIRE.



4 ELEVATION BACKSTOP AND FENCE LAYOUT: FIELDS 1, 2, 3
NOT TO SCALE



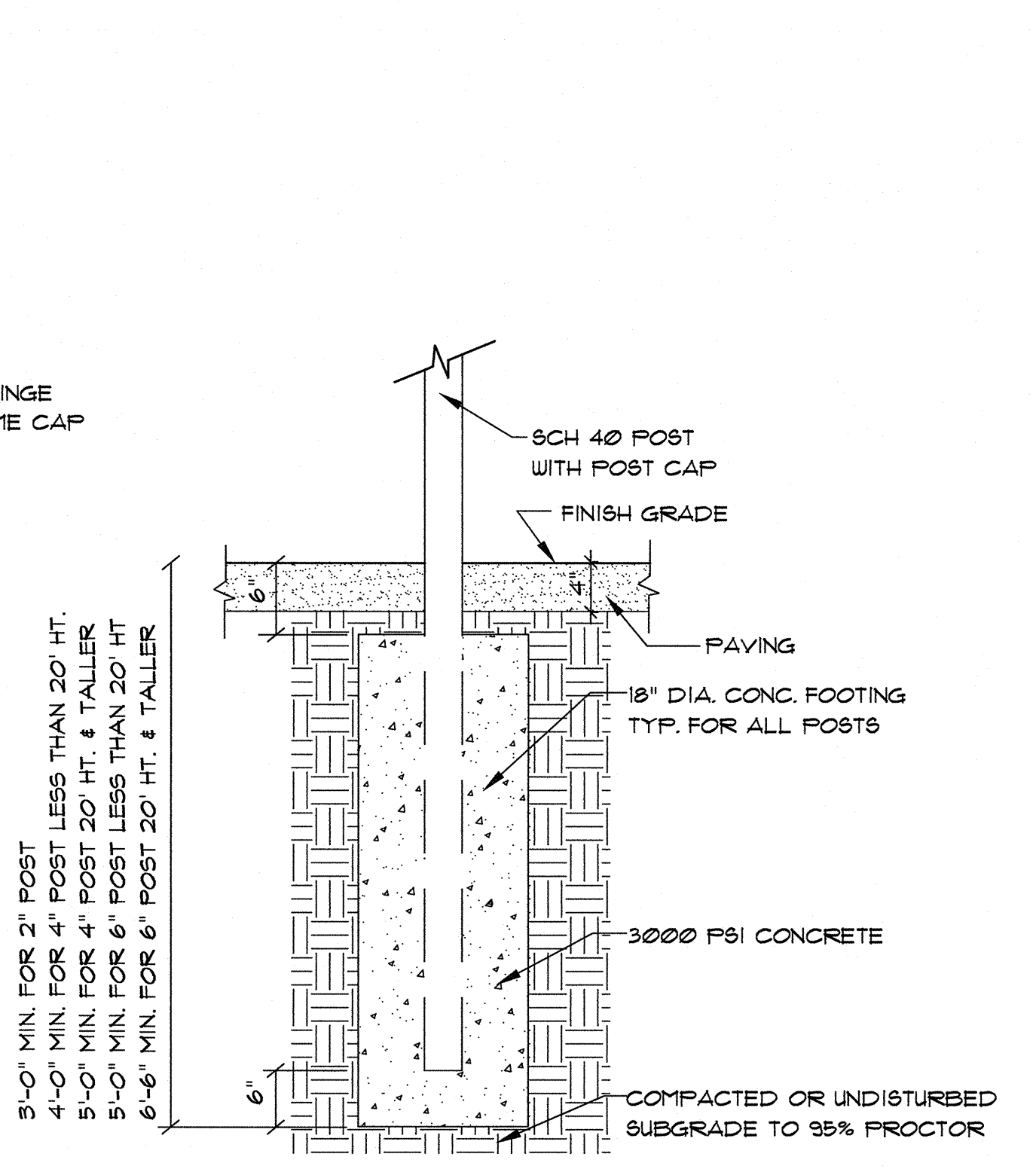
SINGLE OR DOUBLE LEAF GATES			
NOM HEIGHT (H)	UPRIGHT HT (U)	FRAME HT (F)	
		WITHOUT BARBED WIRE	ACTUAL DIM
3'-0"	2'-10"	2'-8 1/2"	[826MM]
3'-6"	3'-4"	3'-2 1/2"	[918MM]
4'-0"	3'-10"	3'-8 1/2"	[1130MM]
5'-0"	4'-10"	4'-8 1/2"	[1435MM]
6'-0"	5'-10"	5'-8 1/2"	[1740MM]
7'-0"	6'-10"	6'-8 1/2"	[2045MM]
8'-0"	7'-10"	7'-8 1/2"	[2350MM]
9'-0"	8'-10"	8'-8 1/2"	[2654MM]
10'-0"	9'-10"	9'-8 1/2"	[2959MM]
11'-0"	10'-10"	10'-8 1/2"	[3264MM]
12'-0"	11'-10"	11'-8 1/2"	[3569MM]



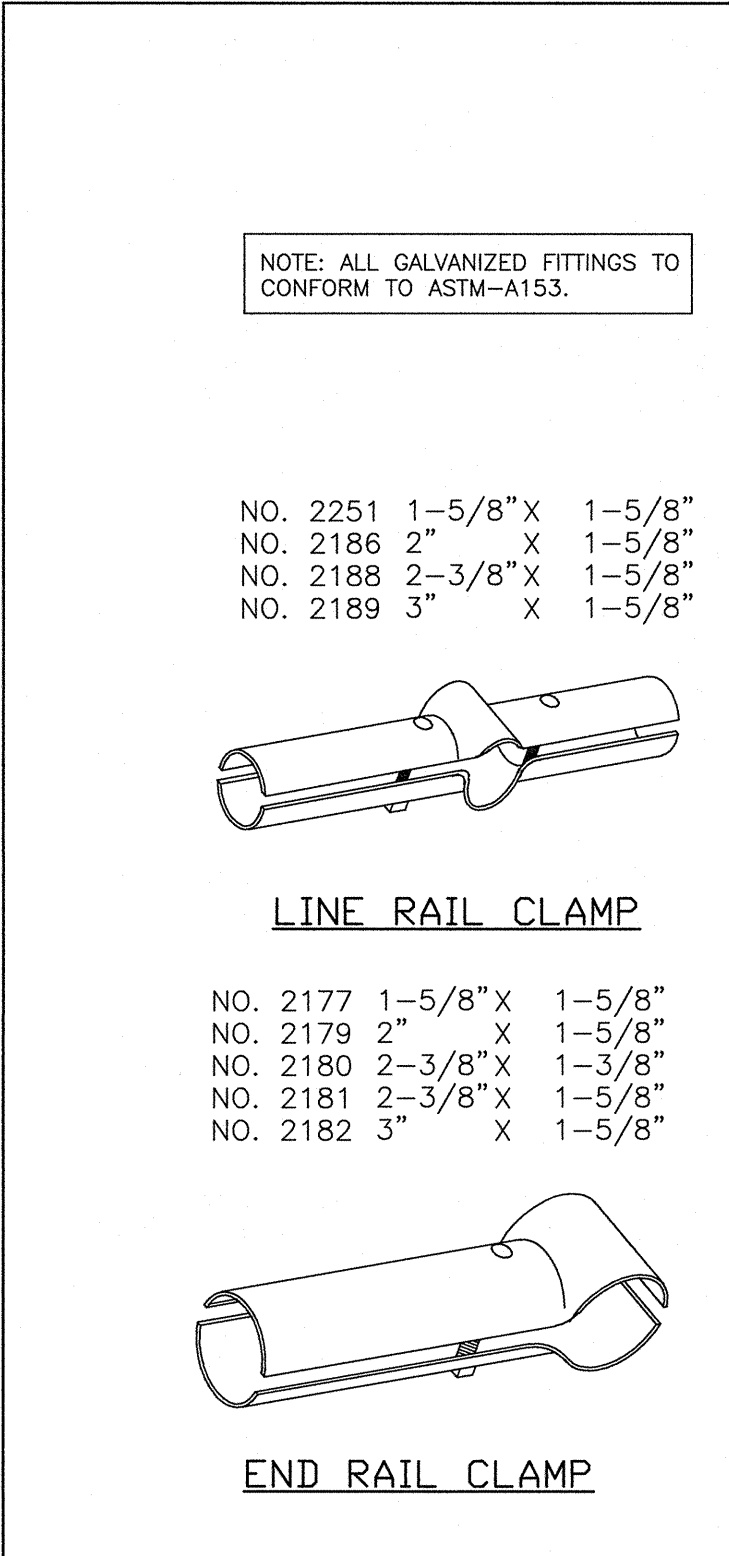
DOUBLE LEAF GATES		
OPENING	GATE POSTS	HINGE SPACE (S)
FACE TO FACE	EQ. 4 RND SIZES	POST TO UPRIGHT
14'-0"	3" [76MM] SQ	FOR SQUARE & ROUND GATE POSTS: 2 1/4" [57MM]
24'-0"	4" [102MM] OD	

SINGLE LEAF GATES		
OPENING	GATE POSTS	HINGE SPACE (S)
FACE TO FACE	EQ. 4 RND SIZES	POST TO UPRIGHT
3'-0"	2 1/2" [63.5MM] SQ	FOR SQUARE & ROUND GATE POSTS: 2 1/4" [57MM]
6'-0"	2 1/2" [63.5MM] OD	

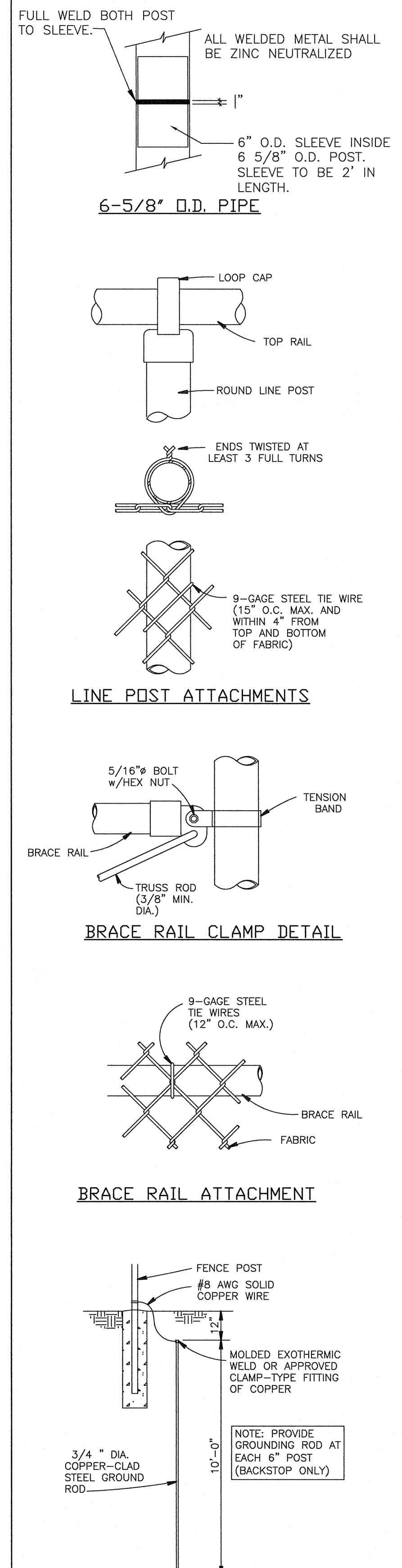
5 CHAINLINK GATES
NOT TO SCALE



6 POST FOOTING - TYPICAL
NOT TO SCALE



7 FENCING DETAILS
NOT TO SCALE



REVISIONS				
NO.	DATE	DESCRIPTION	SGF	BY
7				
6				
5				
4				
3				
2				
1	07-03-18	ADDRESS REVIEW COMMENTS		
	12/01/17	PROGRESS SET		

Travis Pruitt & Associates, Inc.
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 ARCHITECTS

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 www.travispruitt.com
 Contact Person: STEVE J BENNETT, PE

CHAINLINK FENCE DETAILS

FREEDOM PARK

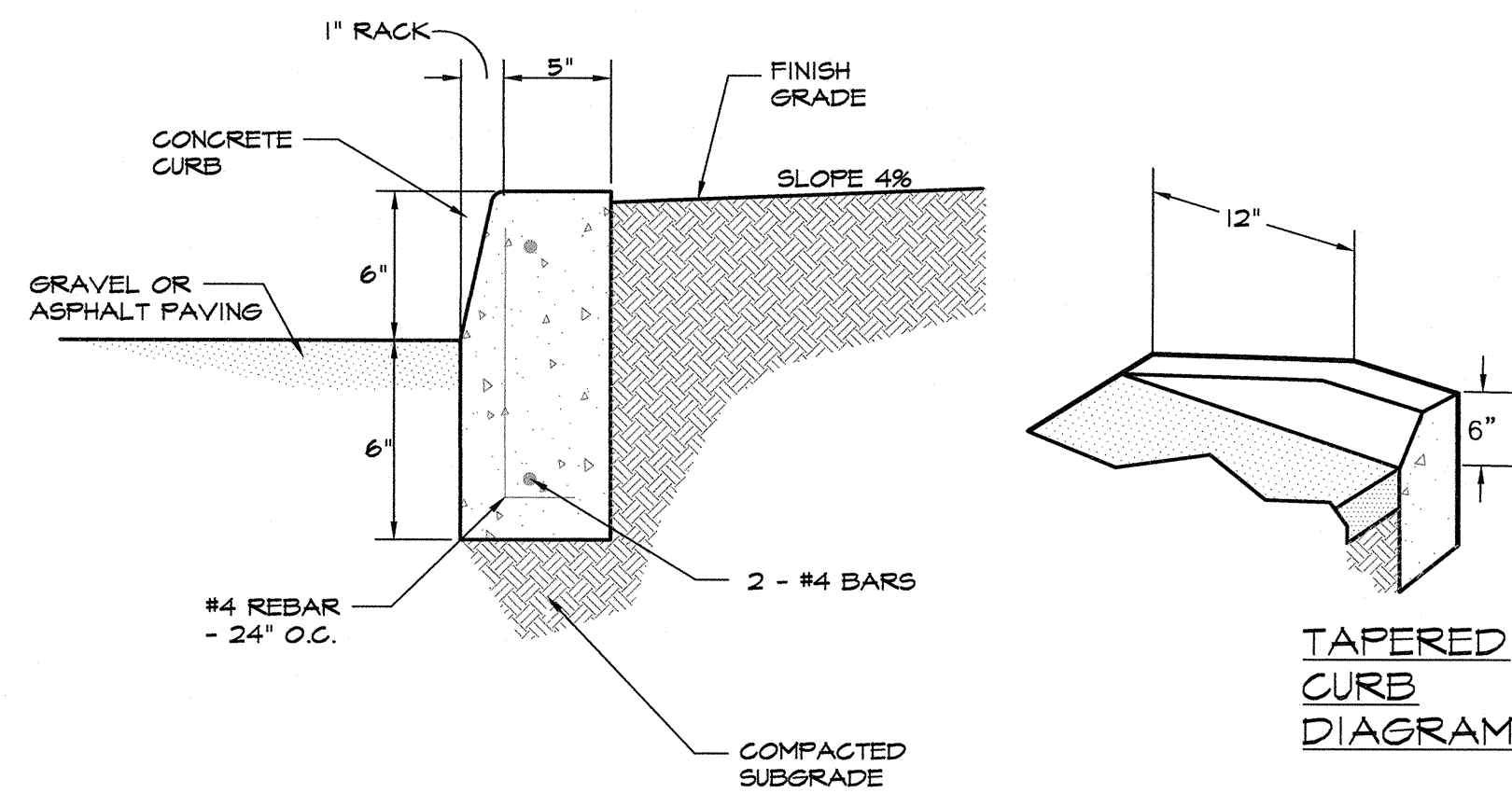
BOYS BASEBALL FIELDS

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

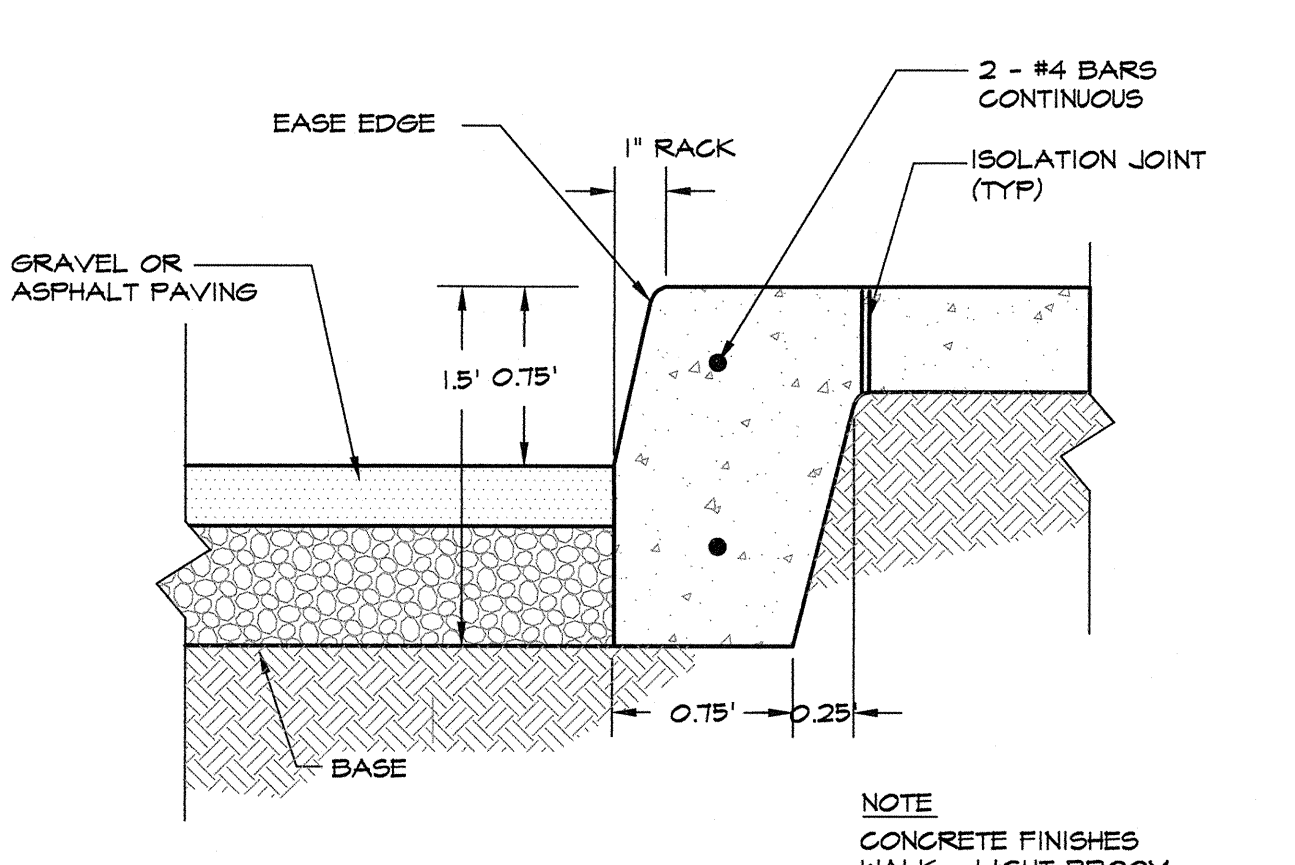
For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	NOT TO SCALE
EN:	1704040T.DWG
LBV:	!PUBLISH
JN:	1-17-0404
FN:	212-E-197

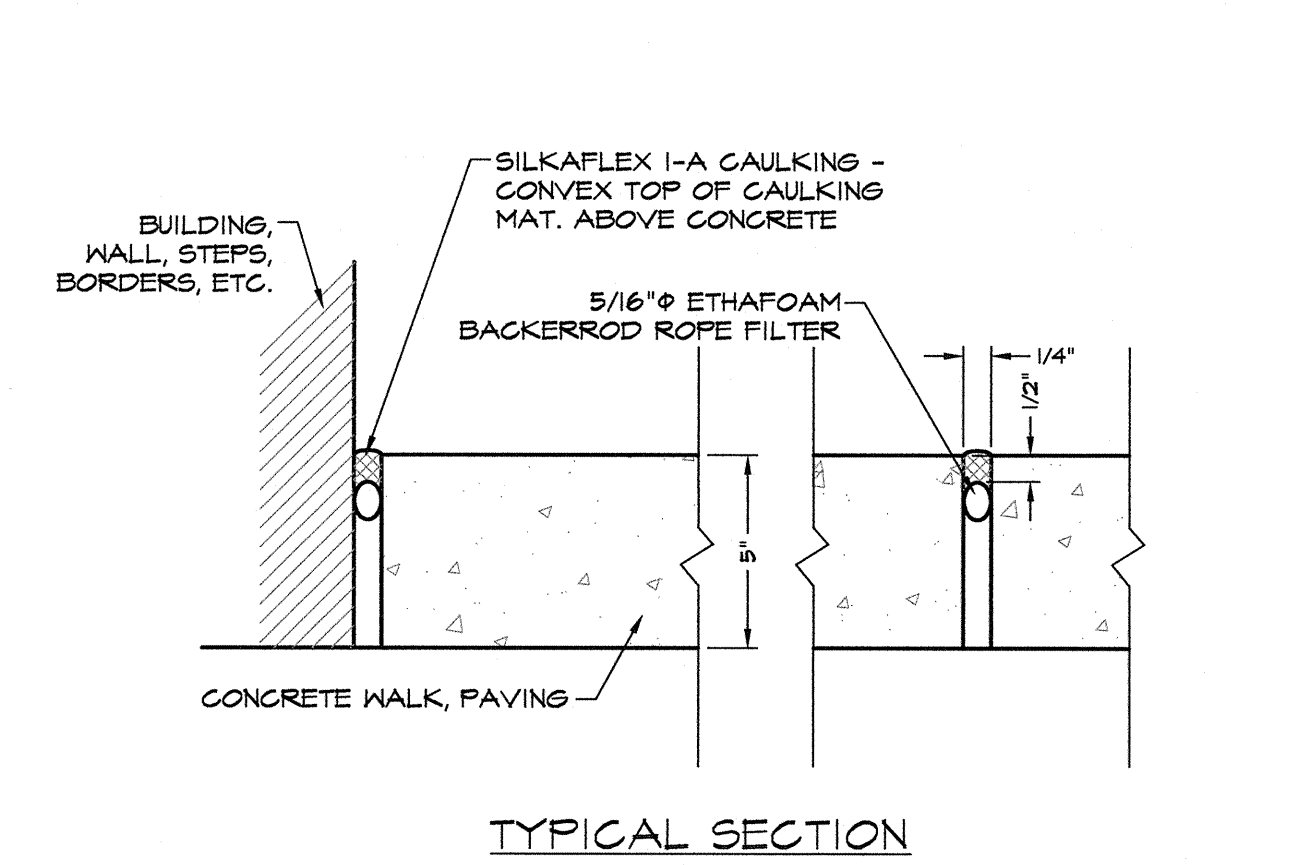
INDEX NO. C12.05
 SHEET NO. 045



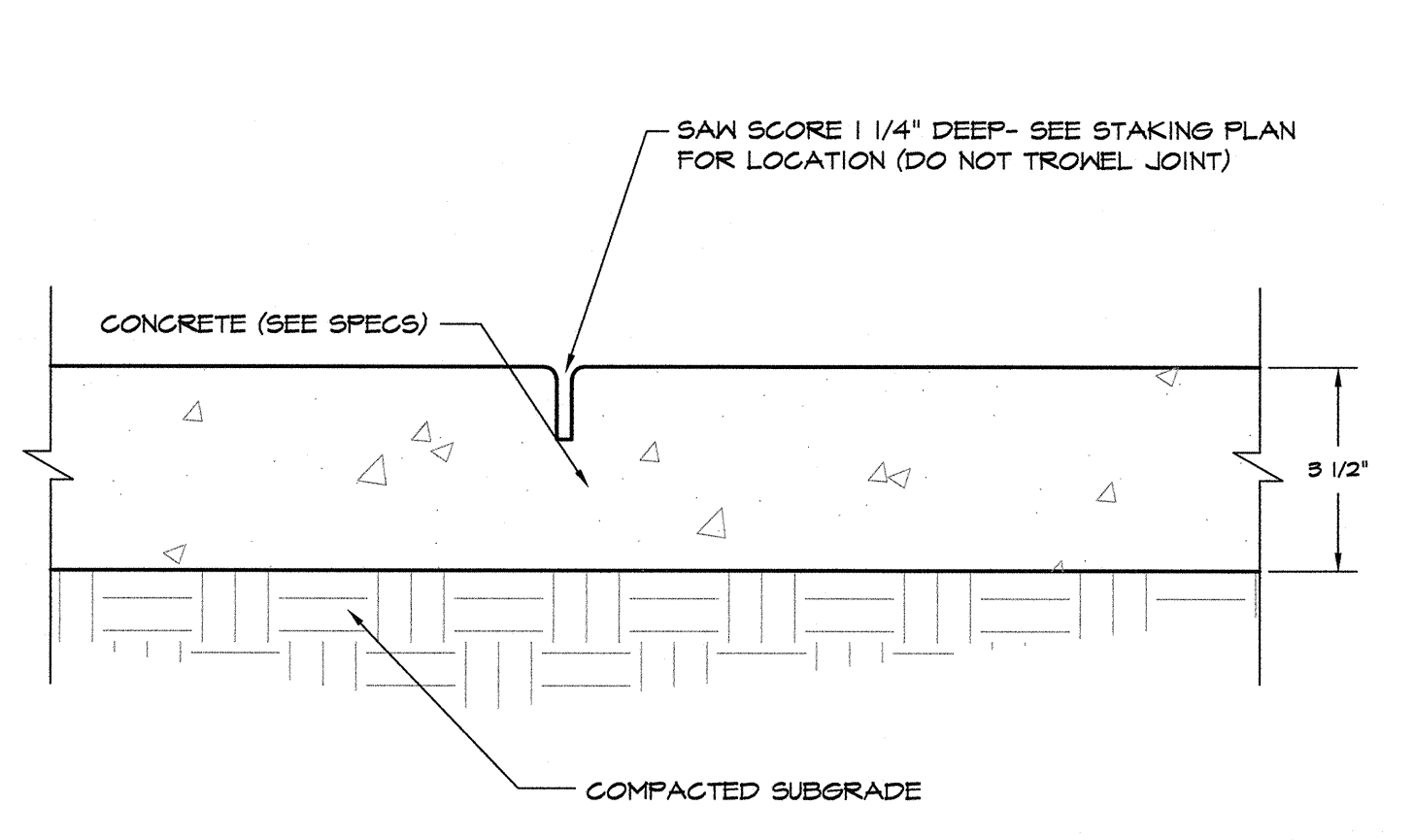
1 CONCRETE STRAIGHT CURB
NOT TO SCALE



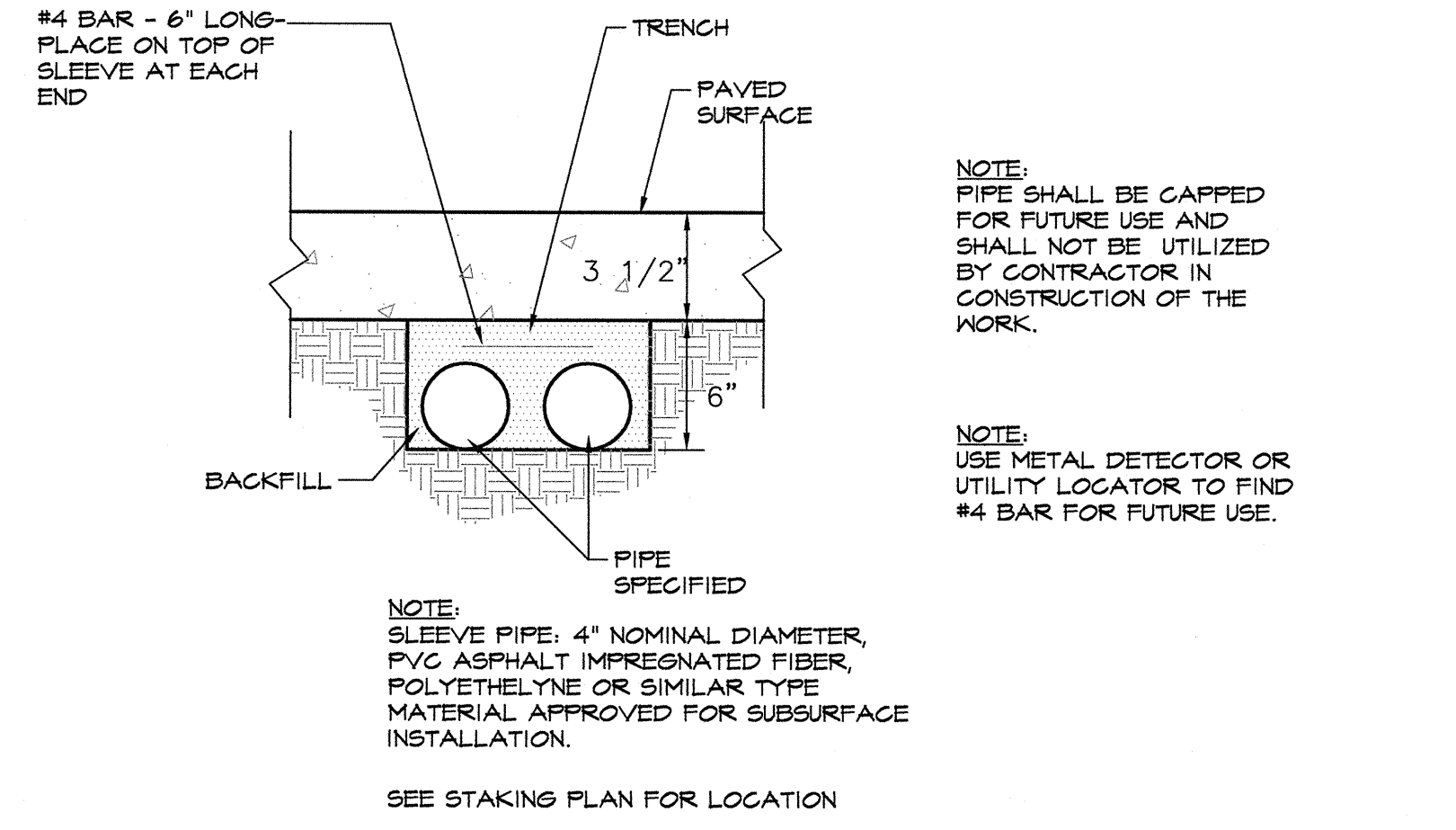
2 INTEGRAL CURB AT WALK
NOT TO SCALE



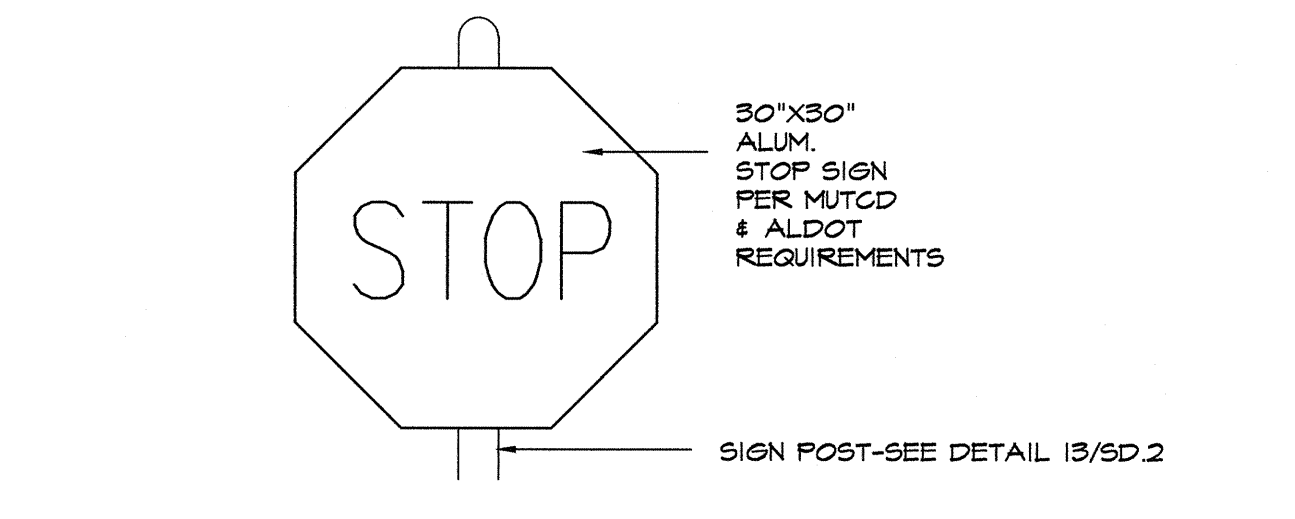
3 EXPANSION/ISOLATION JOINT
NOT TO SCALE



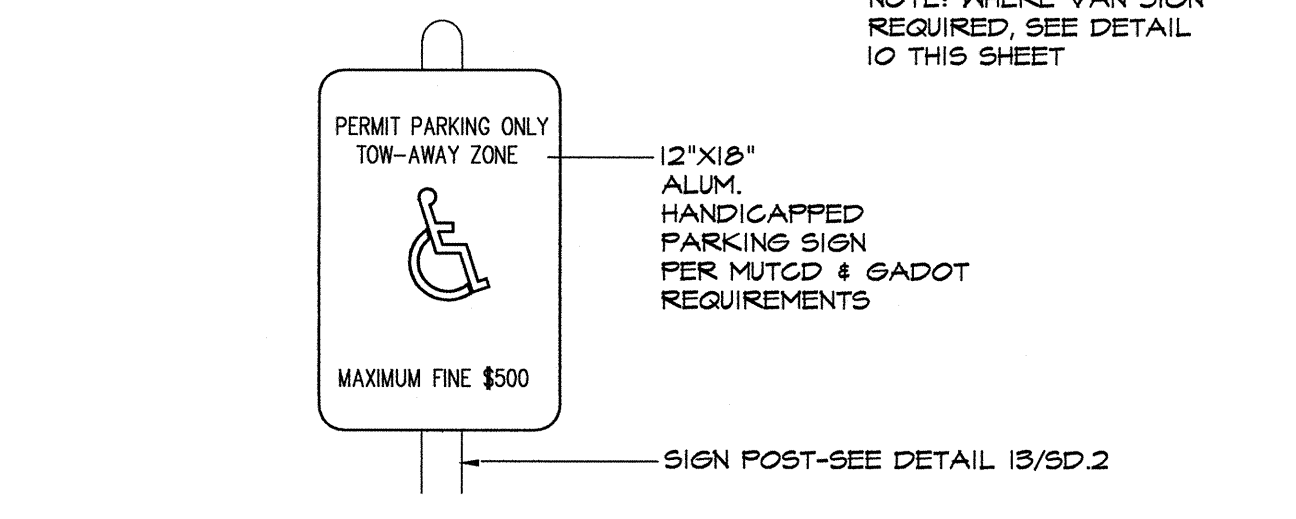
4 CONCRETE SAWCUT JOINTS
NOT TO SCALE



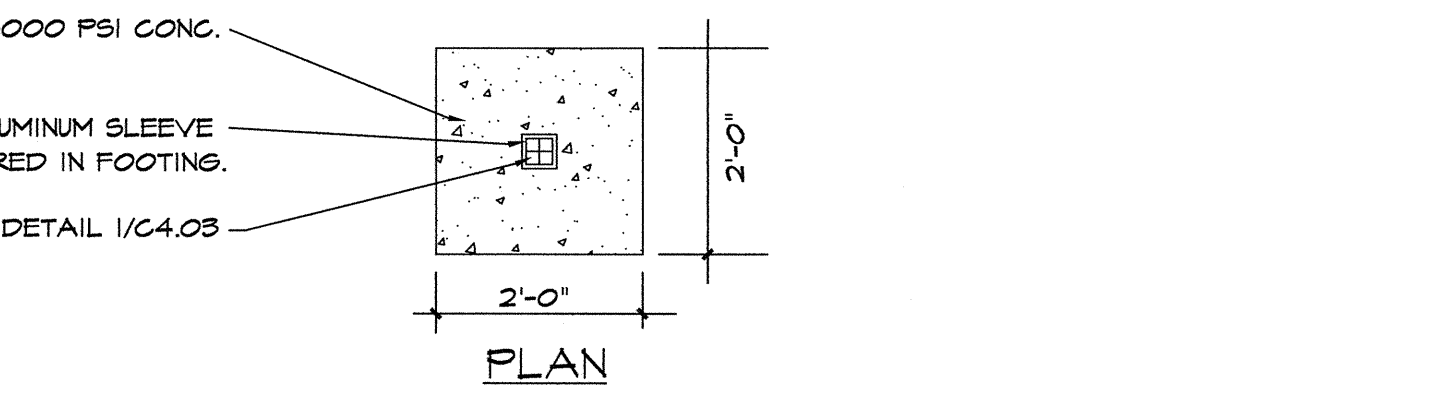
5 SPARE SLEEVING - TYPICAL
NOT TO SCALE



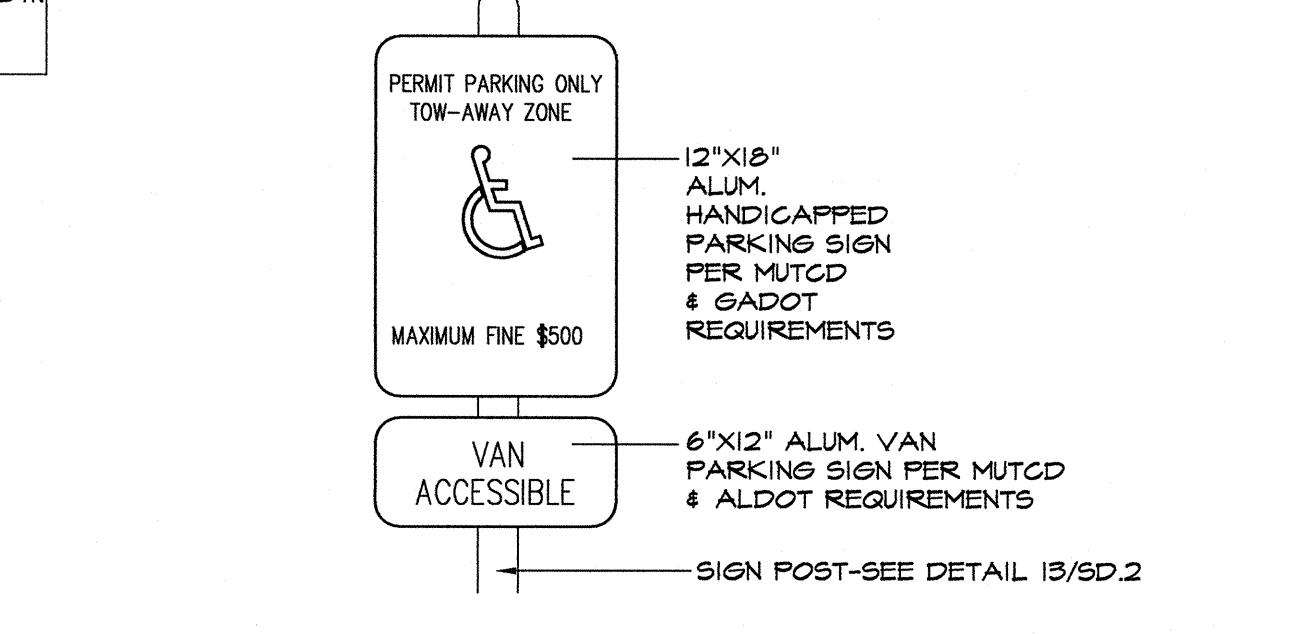
6 STOP SIGN
NOT TO SCALE



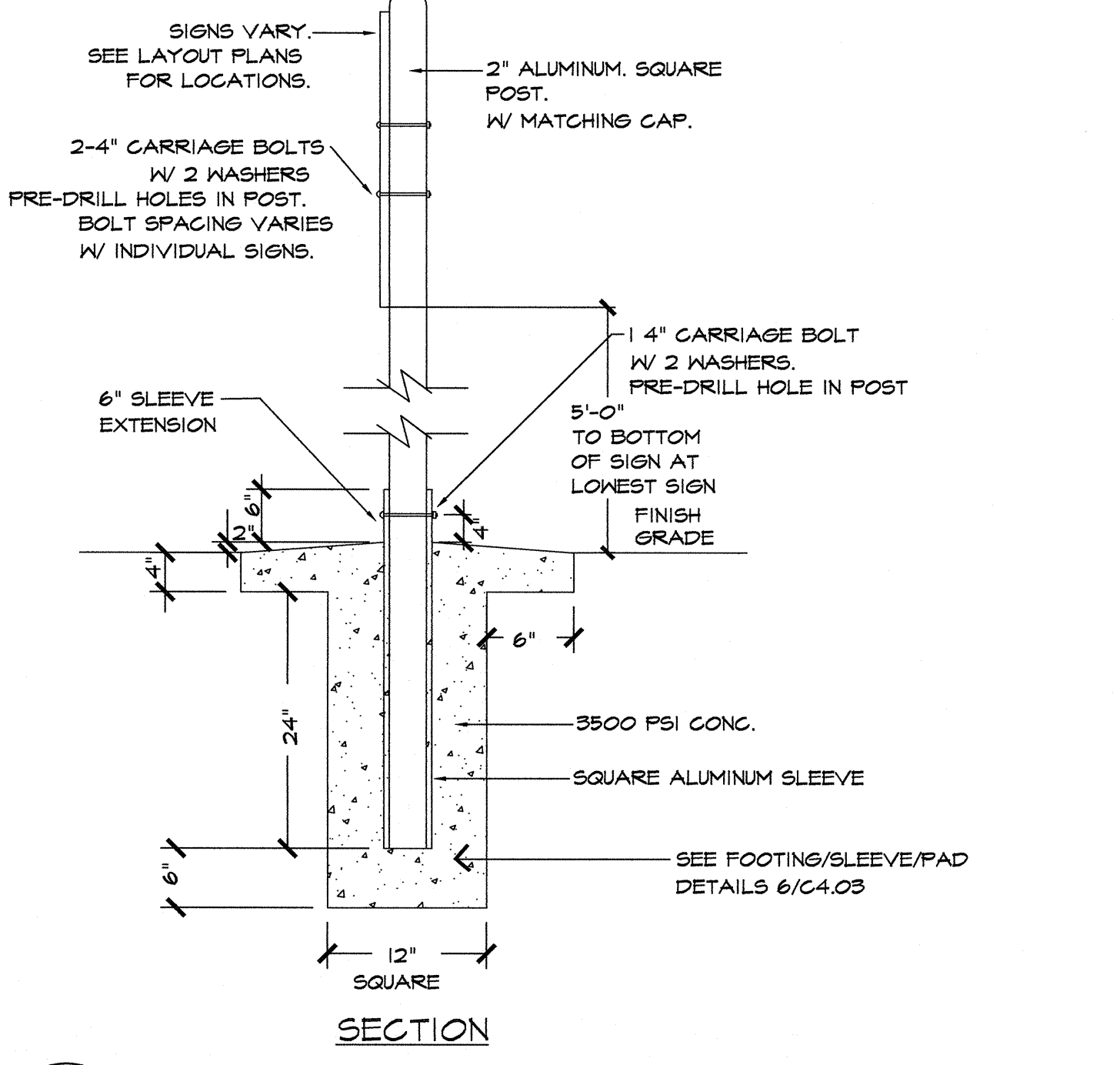
7 HANDICAP SPACE SIGN
NOT TO SCALE



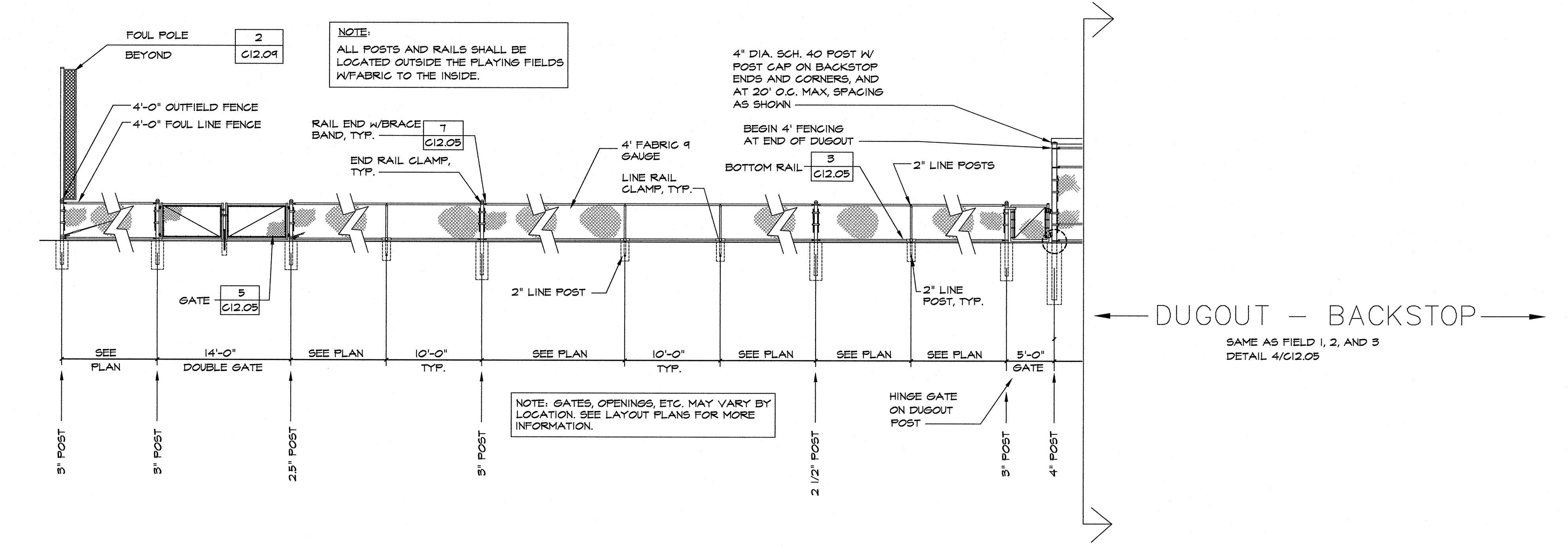
8 CONC. CURB & GUTTER
NOT TO SCALE



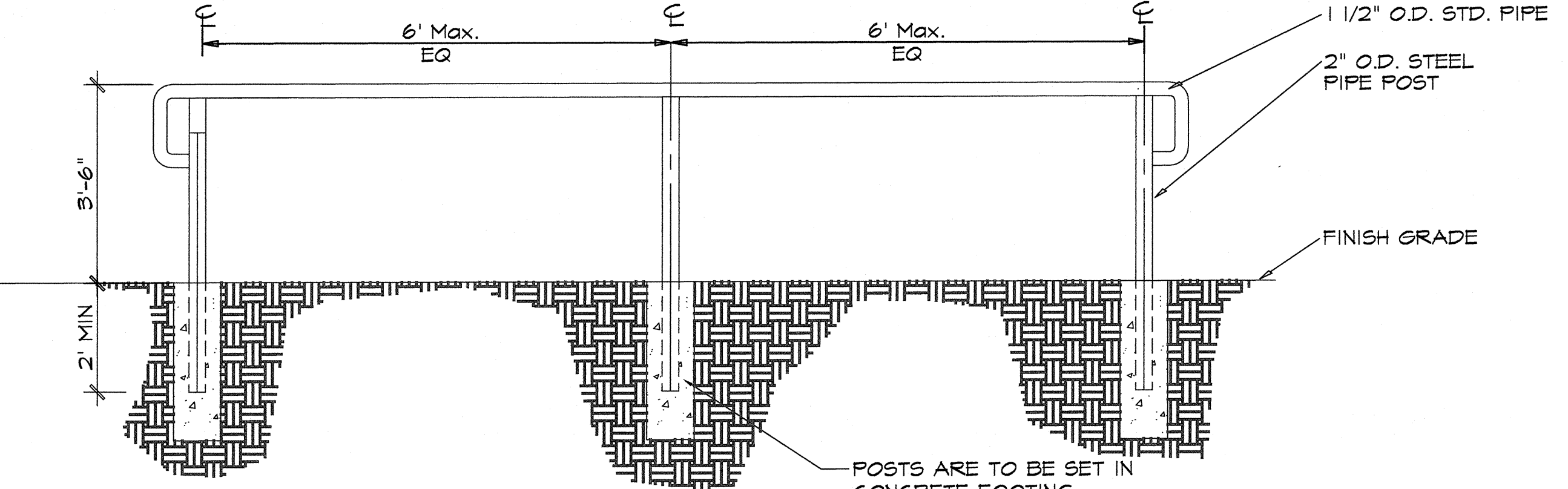
9 VAN SPACE SIGN
NOT TO SCALE



10 SIGN POST - TYPICAL
NOT TO SCALE



11 OUTFIELD AND SIDE FENCES (FIELD #4 ONLY)
SCALE: 1/8"=1'-0"



12 HANDRAIL
NOT TO SCALE

REVISIONS			
NO.	DATE	PROGRESS SET	DESCRIPTION
7			
6			
5			
4			
3			
2			
1	12/01/17		
	07/03/18		

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 www.travispruitt.com

Contact Person: STEVE J BENNETT, PE

SITE CONSTRUCTION DETAILS

FREEDOM PARK

BOYS BASEBALL FIELDS

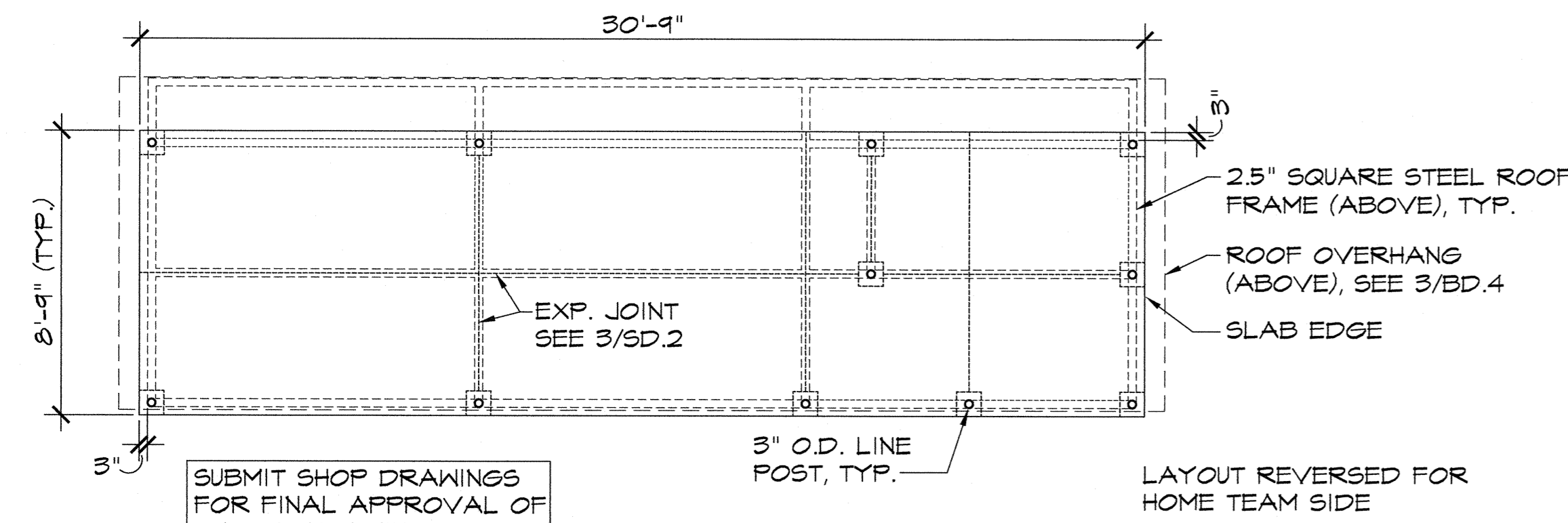
LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

GEORGIA
 REGISTERED PROFESSIONAL ENGINEER
 STEVE J BENNETT
 2618

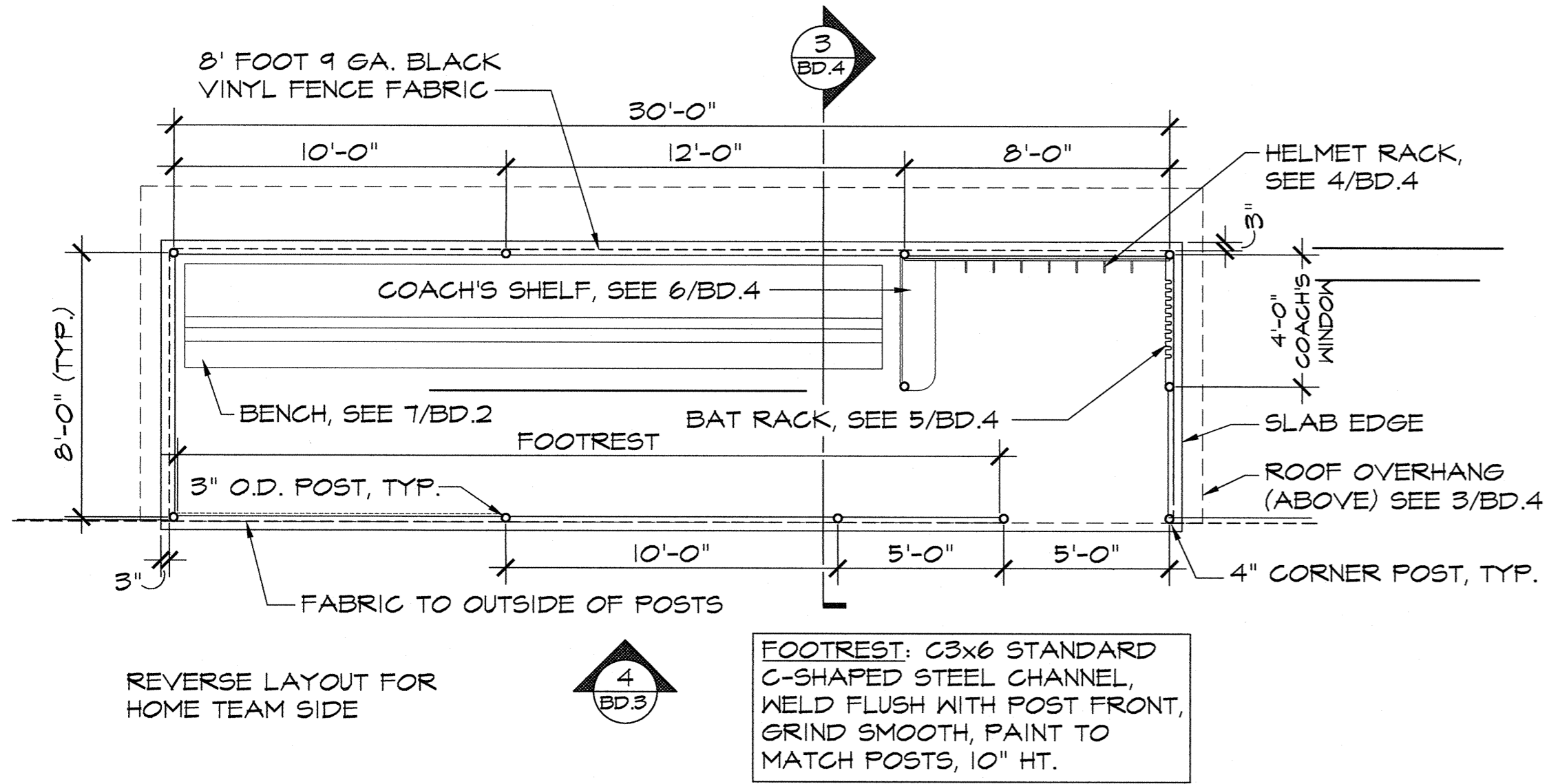
For The Firm Travis Pruitt & Associates, Inc.

DATE: 5/18/2018
 SCALE: NOT TO SCALE
 DN: 1704040T.dwg
 LBY: IPUBLISH
 JN: 1-17-0404
 FN: 212-E-197

INDEX NO. C12.06
 SHEET NO. 046

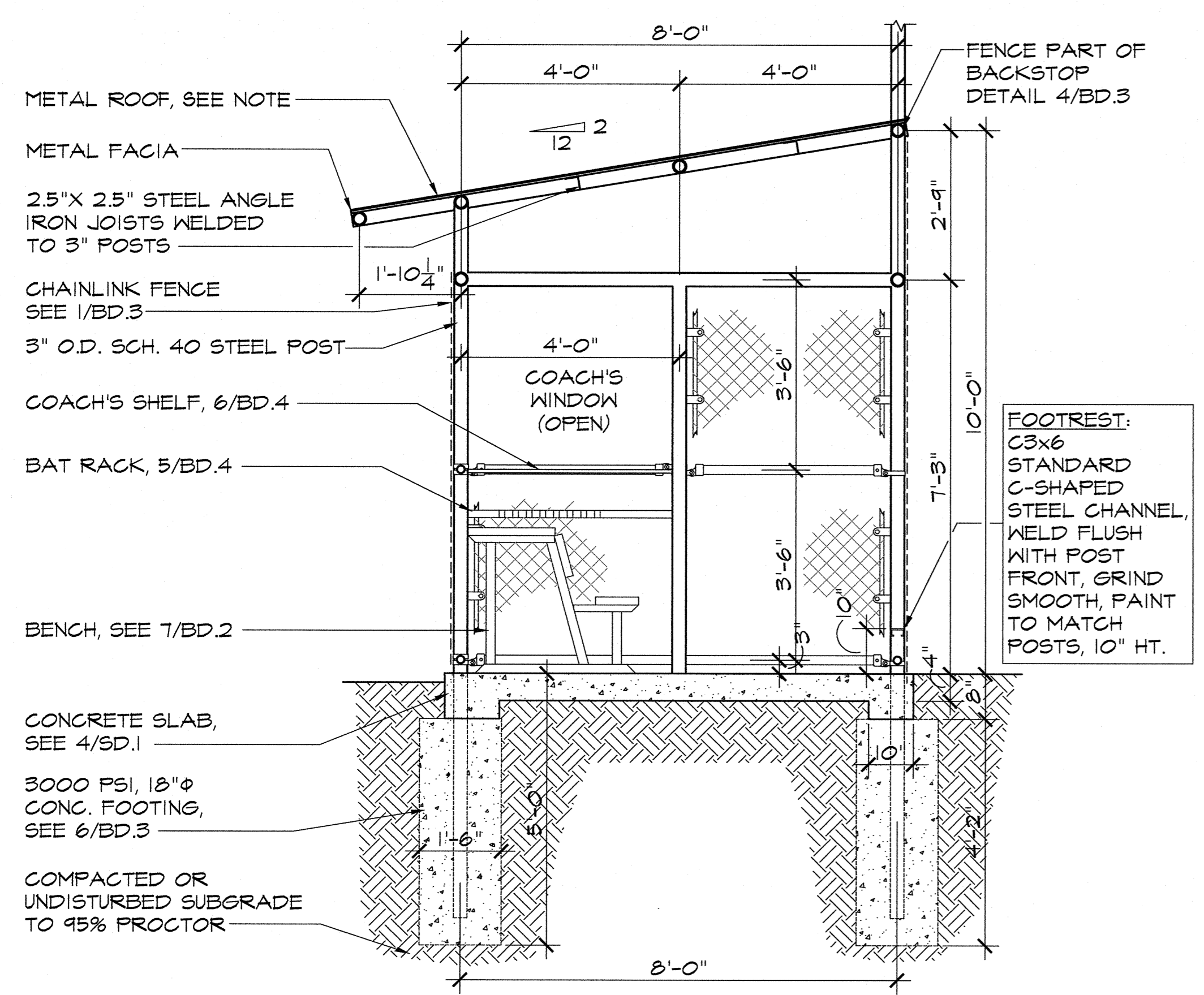


1 DUGOUT SLAB - TYPICAL
SCALE: 1/4"=1'-0"

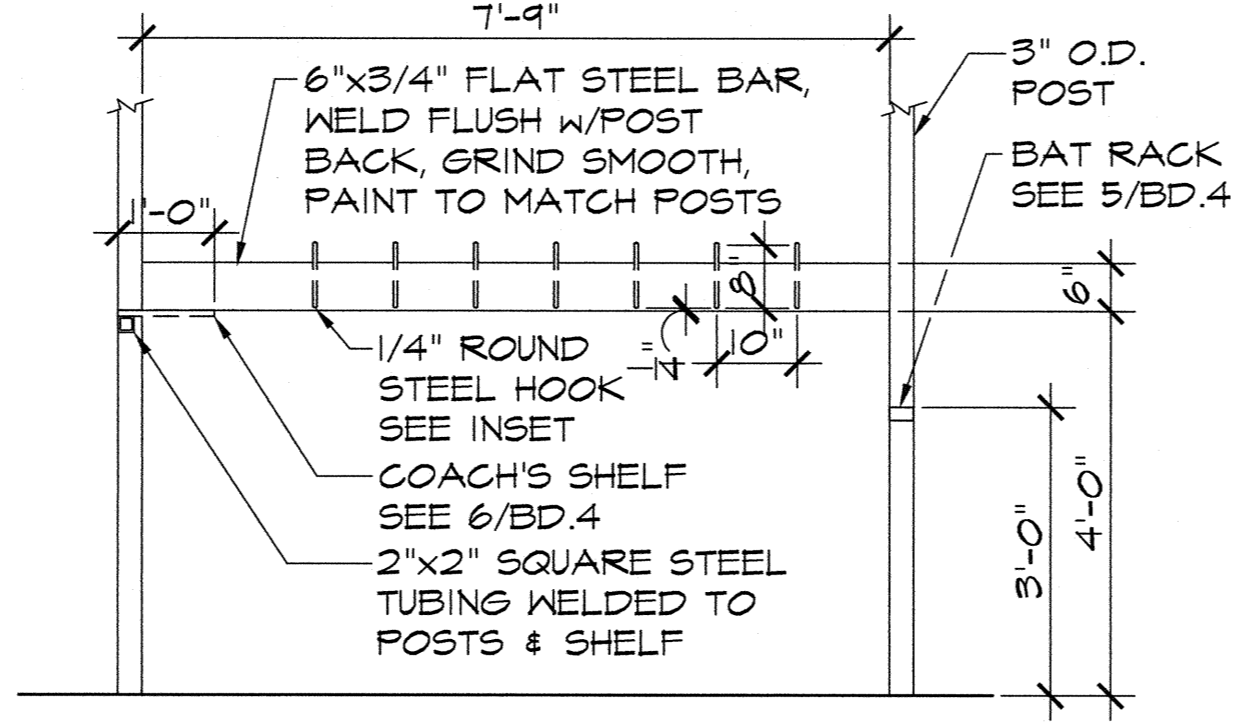
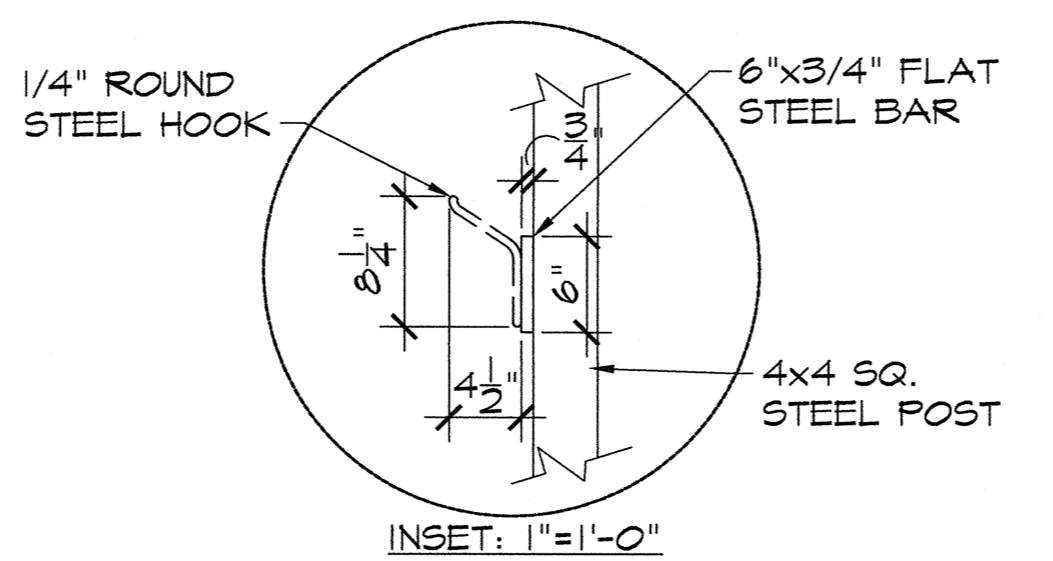


2 DUGOUT LAYOUT - TYPICAL
SCALE: 1/4"=1'-0"

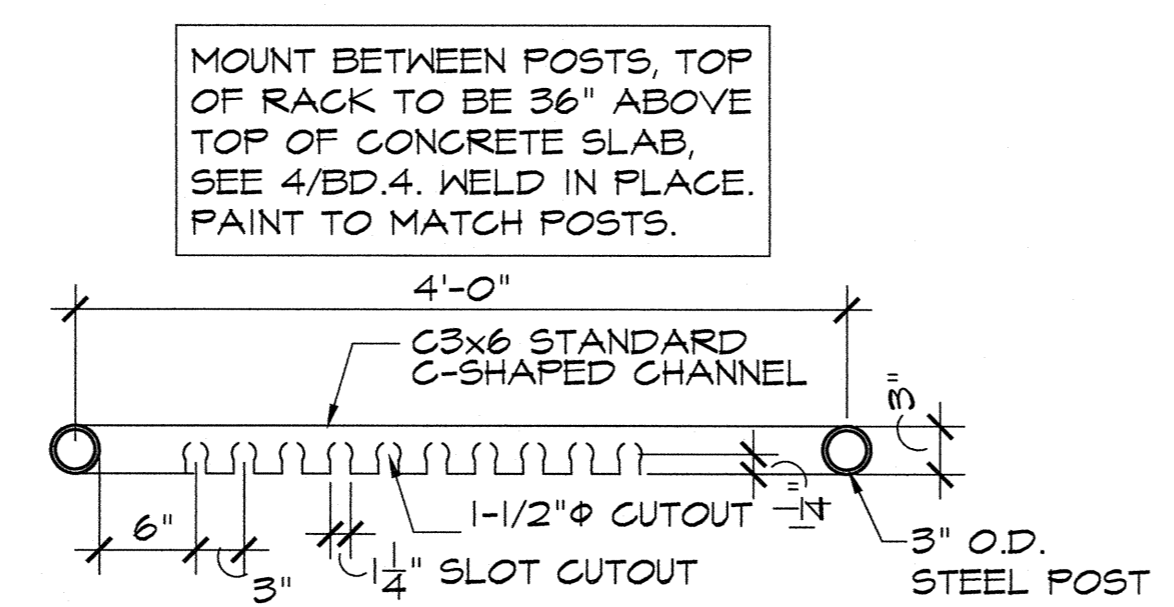
ROOFING NOTE: MIGHTY-RIB, 26 GA. CORRUGATED METAL ROOFING PANEL BY FABRAL, DISTRIBUTED BY ORION ASSOCIATES, 866-713-6551 OR APPROVED EQUAL COLOR TO BE SELECTED BY OWNER. PROVIDE EDGE TRIM PROTECTION PER MANUFACTURER'S RECOMMENDED SYSTEM. INSTALL FASTNERS IN RIBS PER MANUFACTURER'S RECOMMENDATIONS TO AVOID EXPOSED POINTS OF FASTNERS BELOW DECKING. INSTALL WITH UNDERLAYMENT AND INSTALL ALL COMPONENTS PER MANUFACTURER'S RECOMMENDATIONS.



3 SECTION ELEVATION DUGOUT FRAMING
SCALE: 1/4"=1'-0"



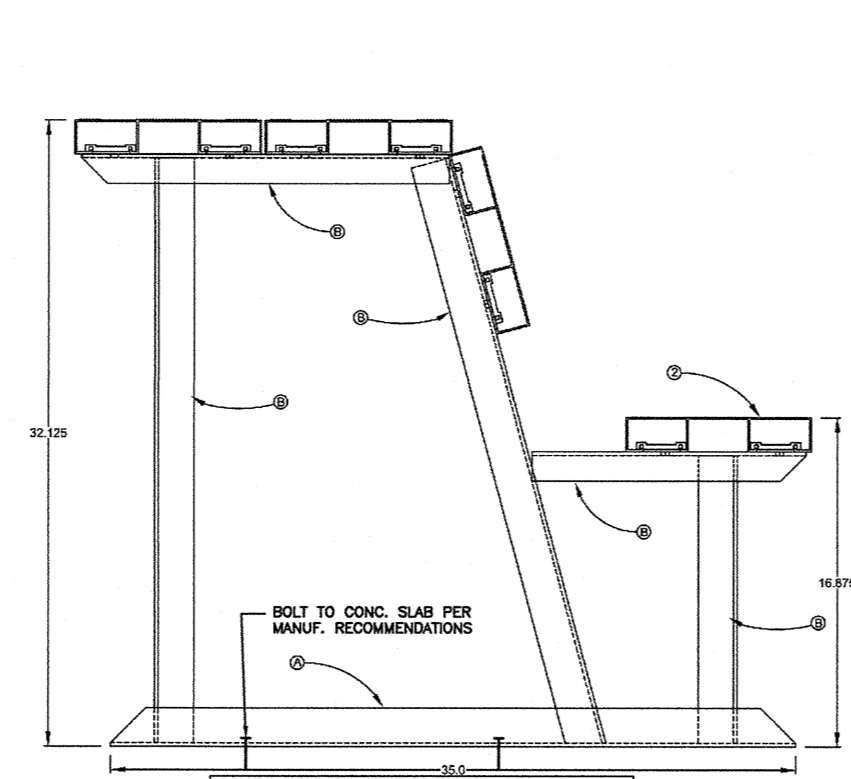
4 HELMET RACK
SCALE: 1/2"=1'-0"



5 BAT RACK (PLAN)
SCALE: 1"=1'-0"

"ALUMINUM BASEBALL SCORER'S TABLE" BY BASEBALLTIPS.COM, 800-487-7432, COLOR BY OWNER

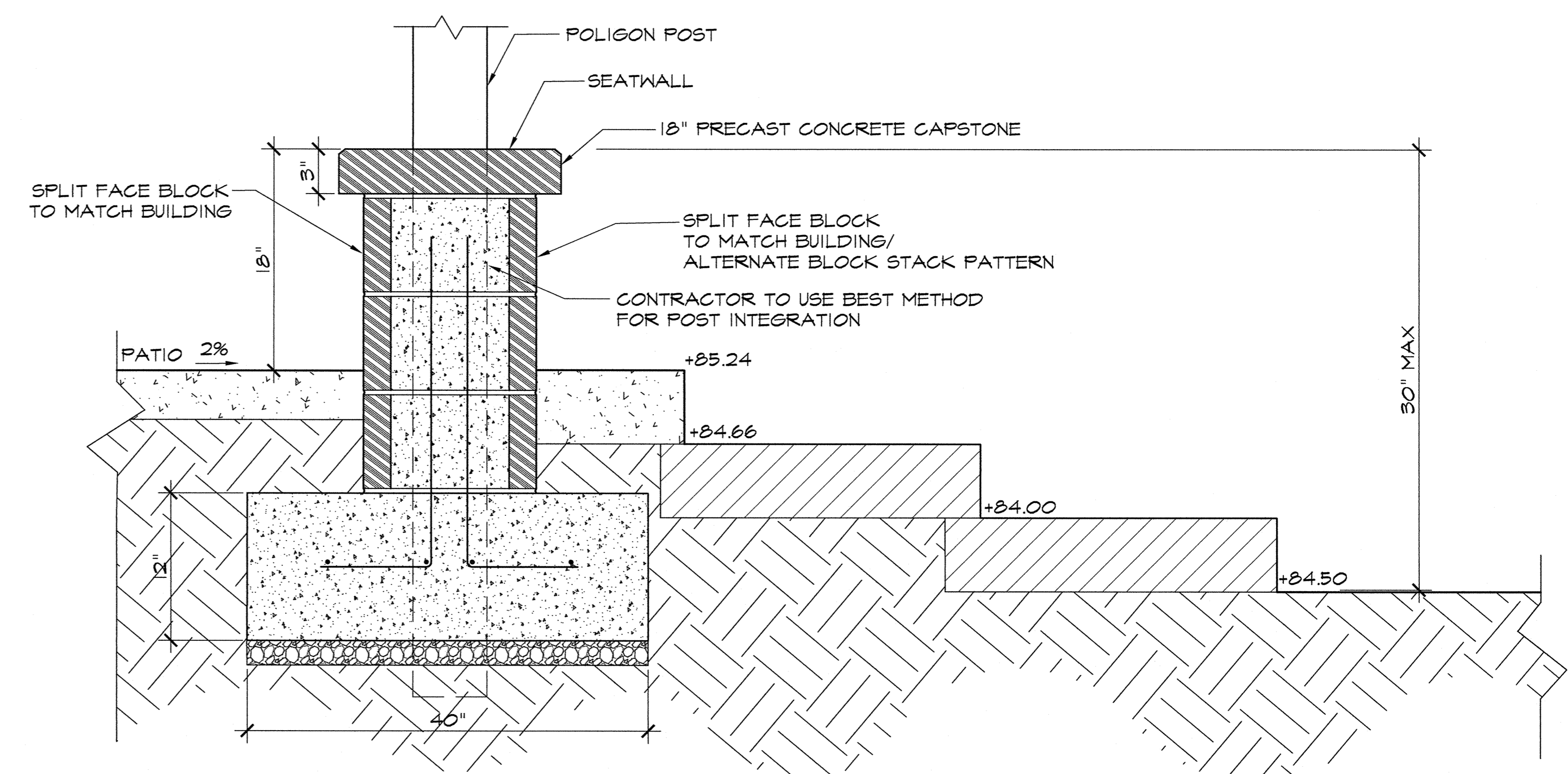
6 SCORER'S TABLE
NOT TO SCALE



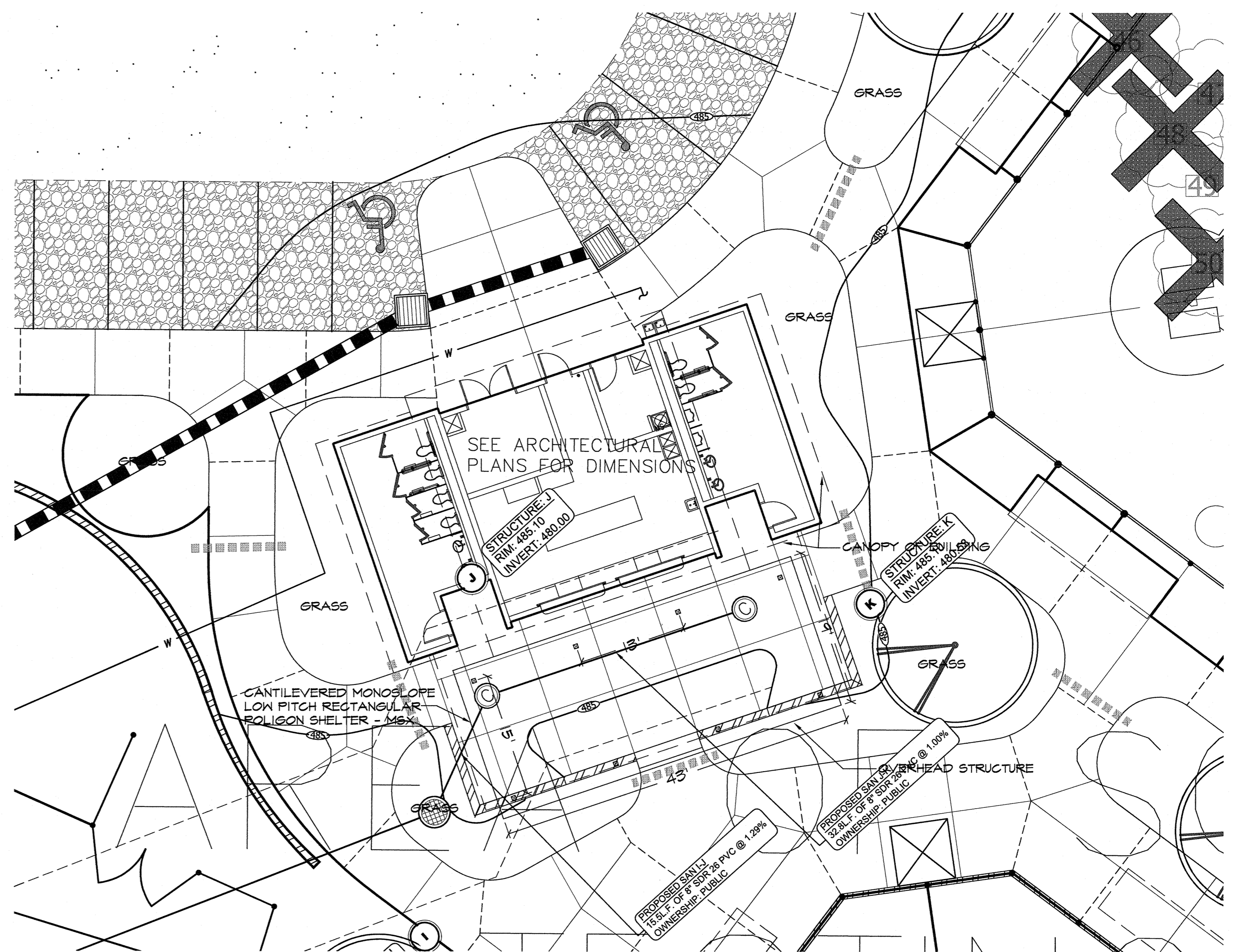
7 DUGOUT BENCH
NOT TO SCALE

NOTES:
1. ALL POSTS SHALL BE EQUIPPED WITH EITHER LINE POST CAPS OR STANDARD CAPS TO KEEP MOISTURE OUT OF POST, SEE 3/BD.3.
2. ALL FENCING SHALL BE BLACK VINYL COATED, KNUCKLED AT TOP AND BOTTOM.
3. CHANGES IN REQUIRED PLANS DUE TO SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR APPROVAL.
4. SOFT STEEL TIES (19 GAUGE TO MATCH FENCE FABRIC COATING)
5. ALL POSTS AND RAILS TO BE GALVANIZED, SCHEDULE 40, AND PAINTED BLACK.
6. ALL WELDS TO BE GROUND SMOOTH AND PAINTED BLACK.

NOTE: ALL FENCE FABRIC, POSTS, RAILS, HARDWARE, ETC. TO BE FUSION BONDED PVC COATED, COLOR BLACK. GAUGE OF FUSION BONDED FENCING TO REFER TO CORE WIRE SIZE, NOT TOTAL DIAMETER OF WIRE WITH COATING.



8 PATIO RETAINING WALL
NOT TO SCALE



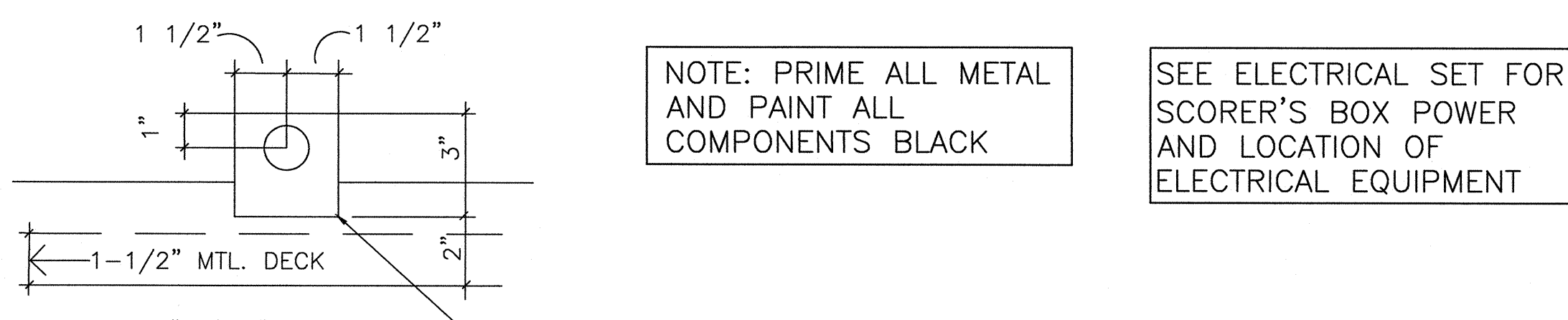
9 CONCESSIONS PATIO - ENLARGEMENT
SCALE: 1"=10'-0"

REVISIONS			
NO.	DATE	DESCRIPTION	BY
7			
6			
5			
4			
3	07-03-18	ADDRESS REVIEW COMMENTS	SGF
2	12/01/17	PROGRESS SET	SGF
1			

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SITE CONSTRUCTION DETAILS
FREEDOM PARK
BOYS BASEBALL FIELDS
LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

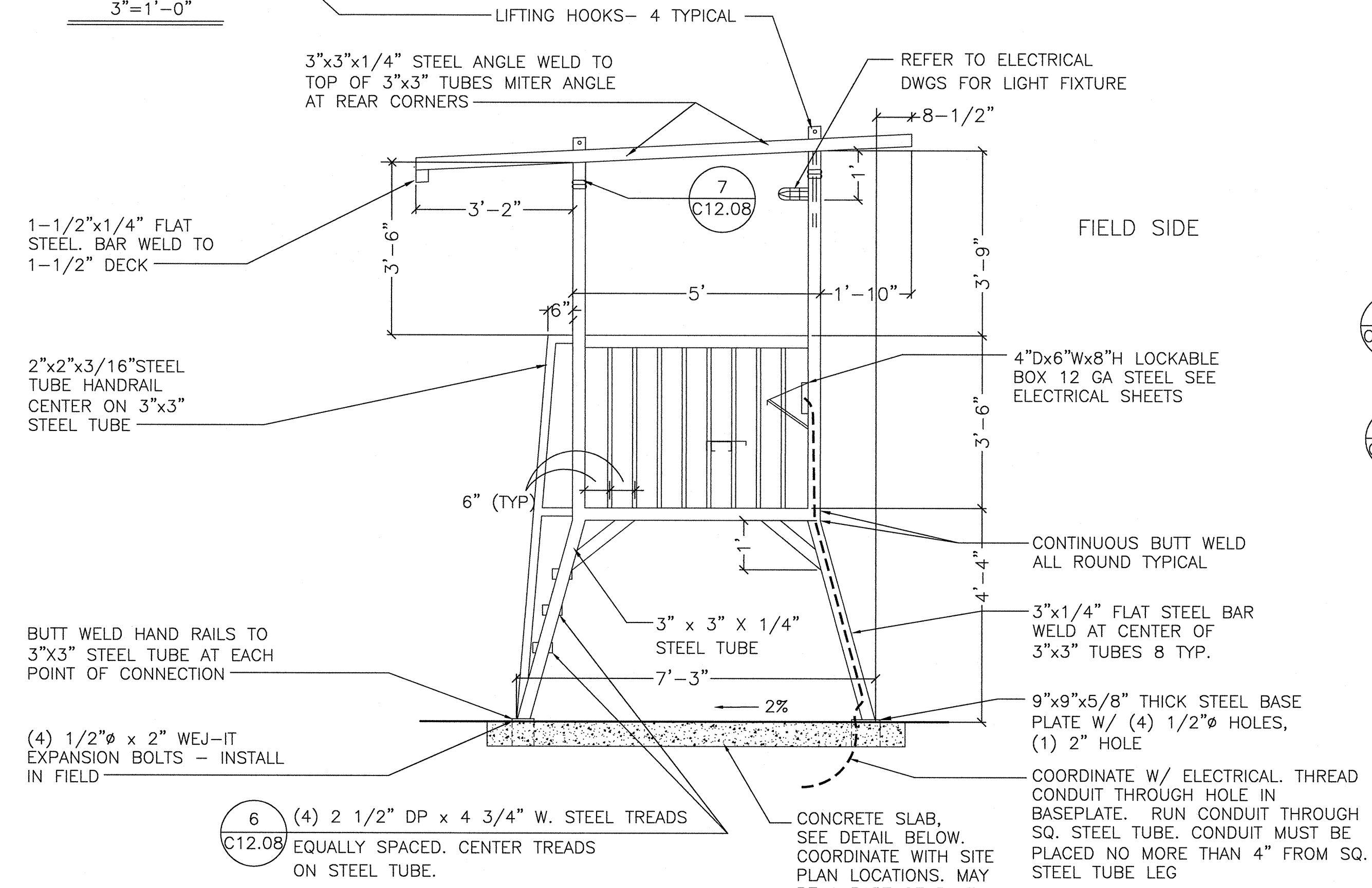
For The Firm Travis Pruitt & Associates, Inc.
DATE: 5/18/2018
SCALE: NOT TO SCALE
DN: 1704040T.DWG
LSV: PUBLISH
JN: 1-17-0404
FN: 212-E-197
INDEX No. C12.07
SHEET No. 047



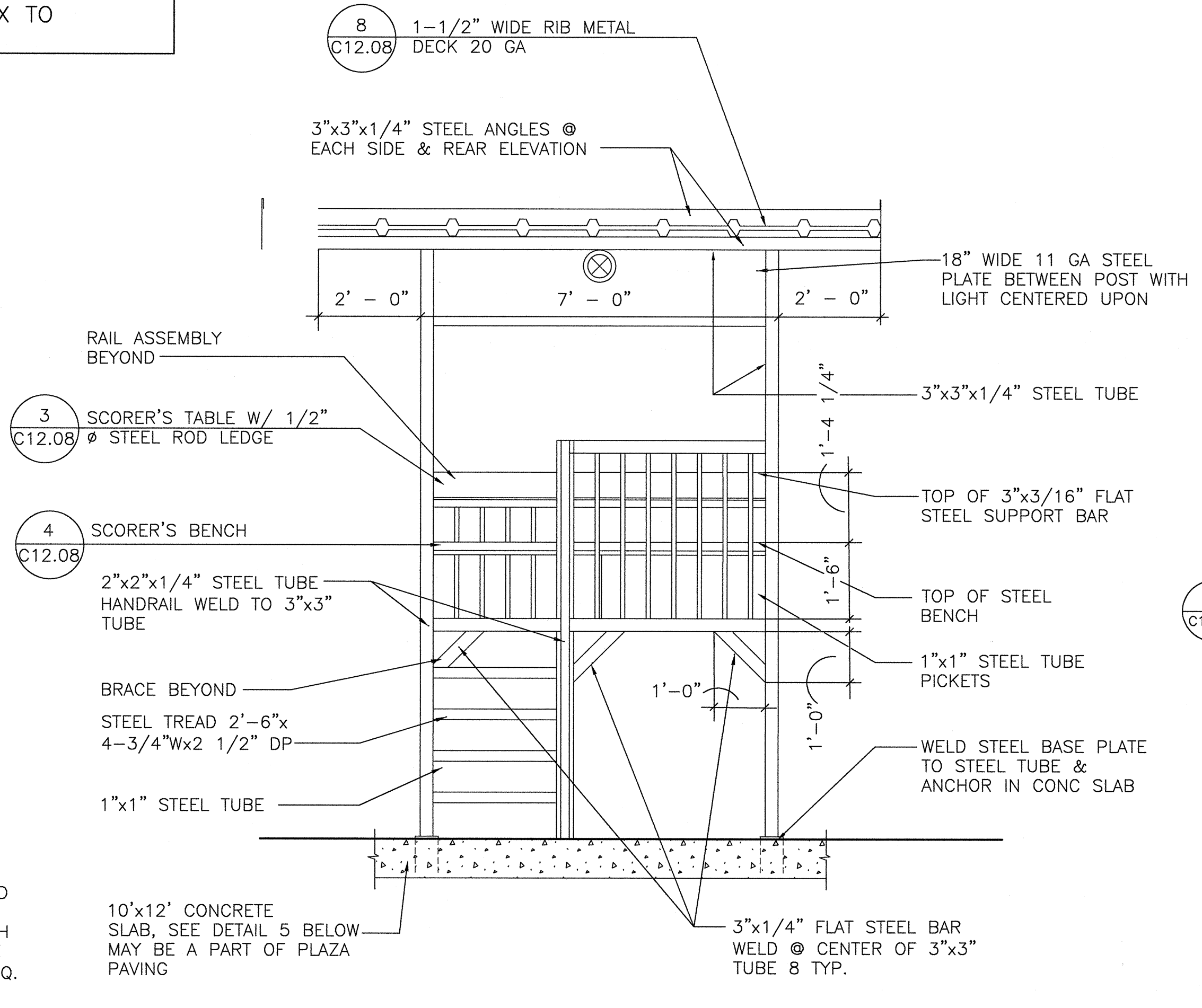
NOTE: PRIME ALL METAL AND PAINT ALL COMPONENTS BLACK

SEE ELECTRICAL SET FOR SCORER'S BOX POWER AND LOCATION OF ELECTRICAL EQUIPMENT

NOTE: COORDINATE WITH ELECTRICAL TO ESTABLISH SCOREBOARD CONTROL BOX AND CONDUIT FROM SCORER'S BOX TO SCOREBOARD

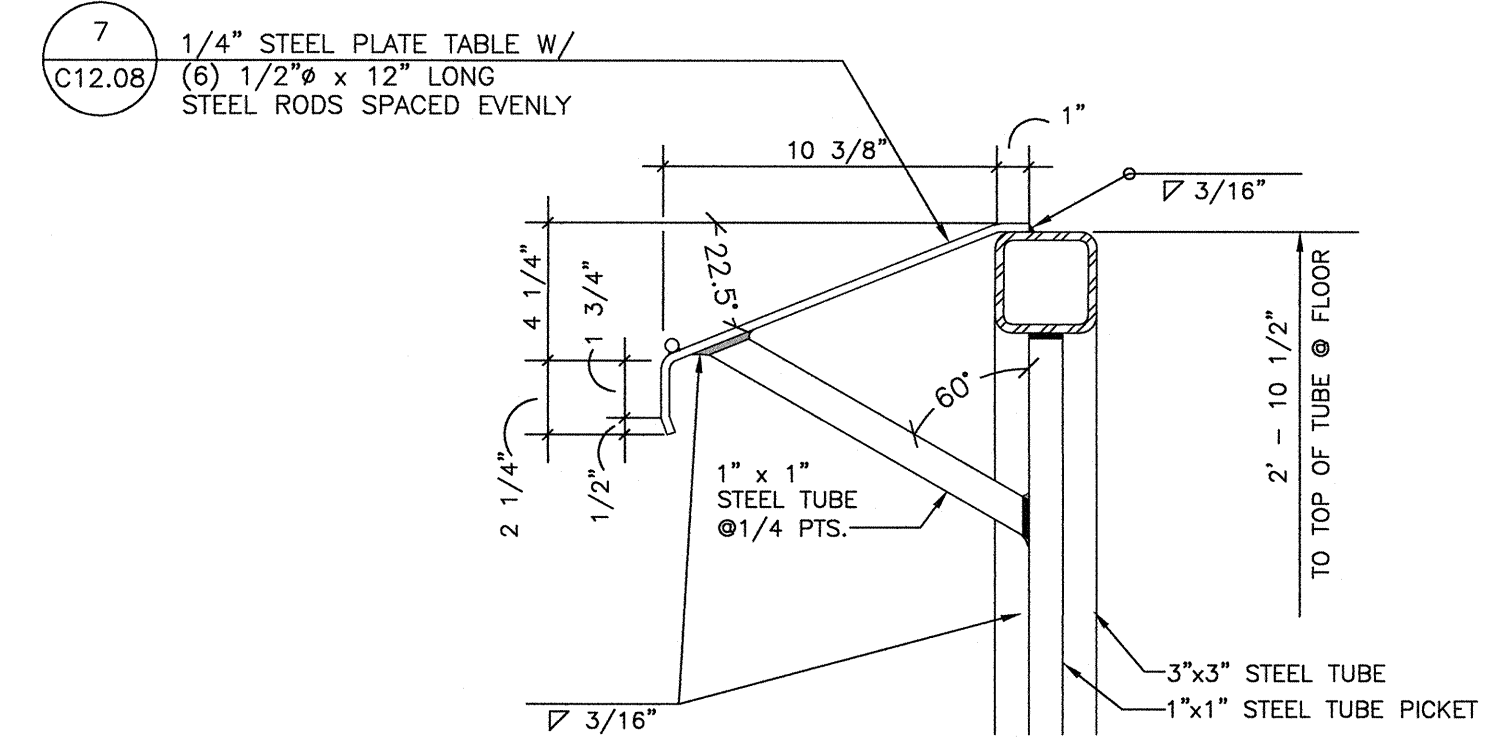


1 SIDE ELEVATION SCORER'S TOWER
1/2"=1'-0"

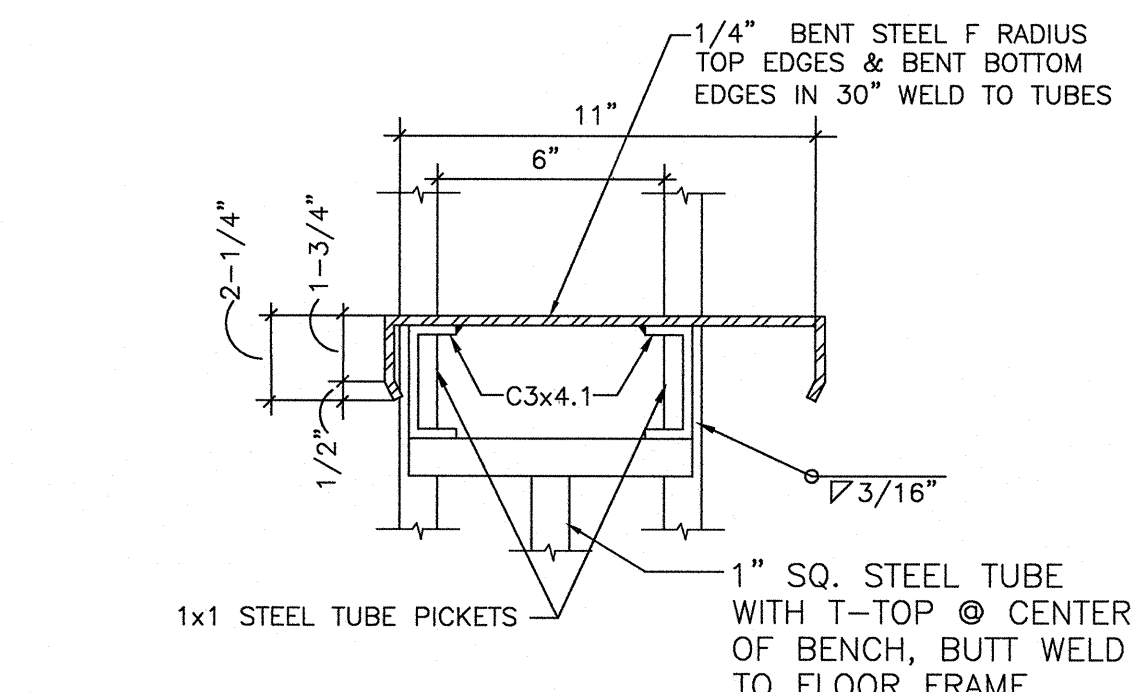


2 REAR ELEVATION SCORER'S TOWER
1/2"=1'-0"

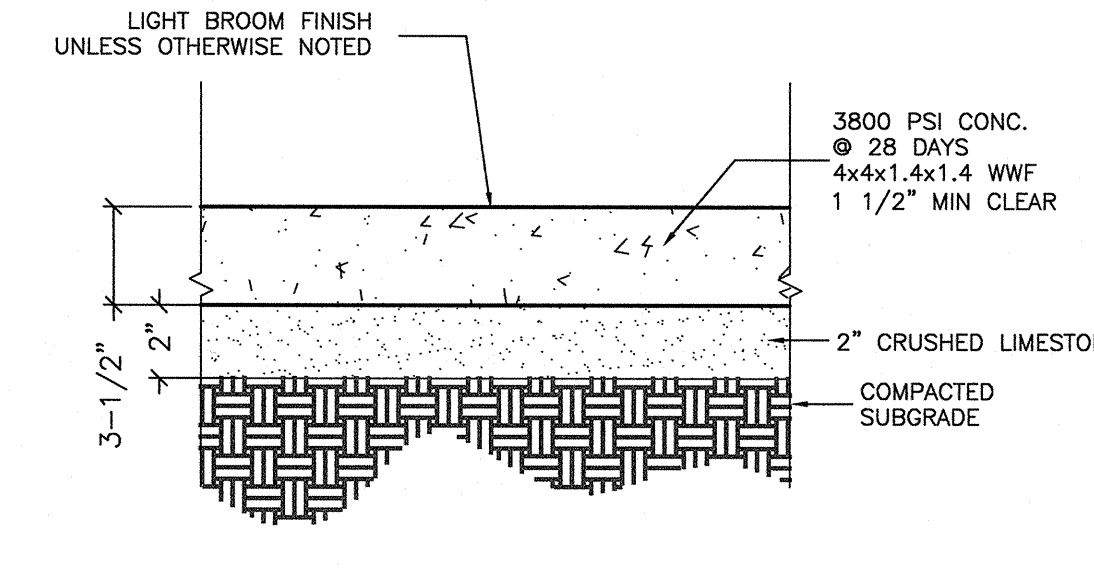
NOTE: FOR EACH SCORE STAND, PROVIDE MIN. 30"x18"x18" STEEL WEATHERPROOF ENCLOSURE. COLOR TO MATCH SCORER'S BOX. BOX IS TO BE WELD MOUNTED UNDER BOTTOM OF STAND DECK, BEHIND STAIR (EXACT LOCATION TO BE DETERMINED DURING SHOP DRAWING REVIEW). DOOR IS TO BE HINGED TO OPEN FROM THE SIDE. PROVIDE HASP MECHANISM TO RECEIVE PADLOCK. SUBMIT CUTSHEETS, SHOP DRAWINGS, ETC. ALONG WITH SCORE STAND SUBMITTALS FOR OWNER REVIEW. SCORER'S STAND MAY BE FABRICATED OFF SITE AND DELIVERED TO PROJECT SITE.



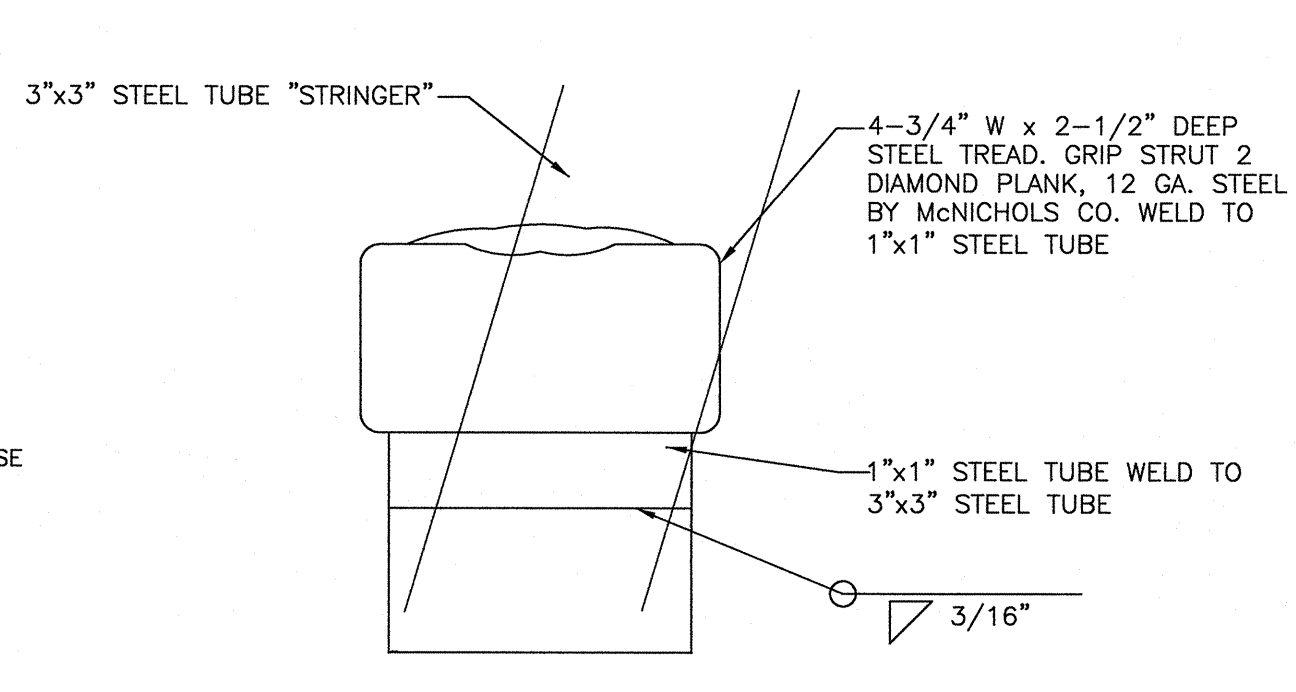
3 SCORER'S TABLE
NOT TO SCALE



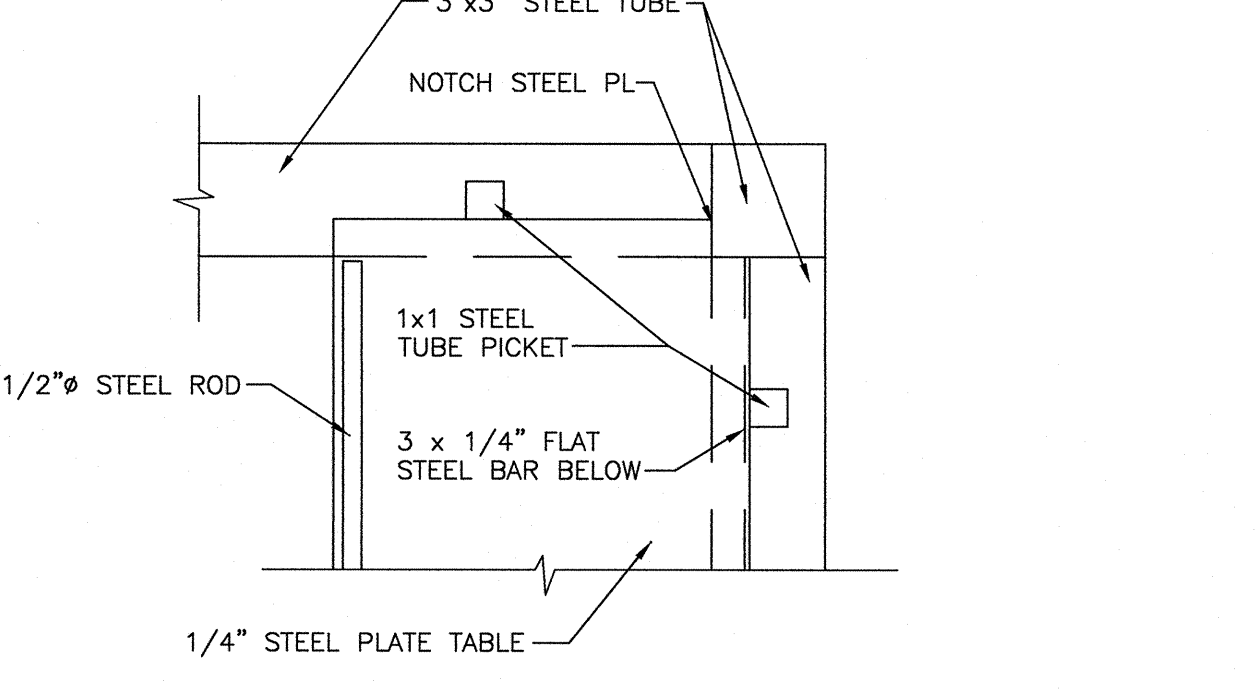
4 SCORER'S BENCH
NOT TO SCALE



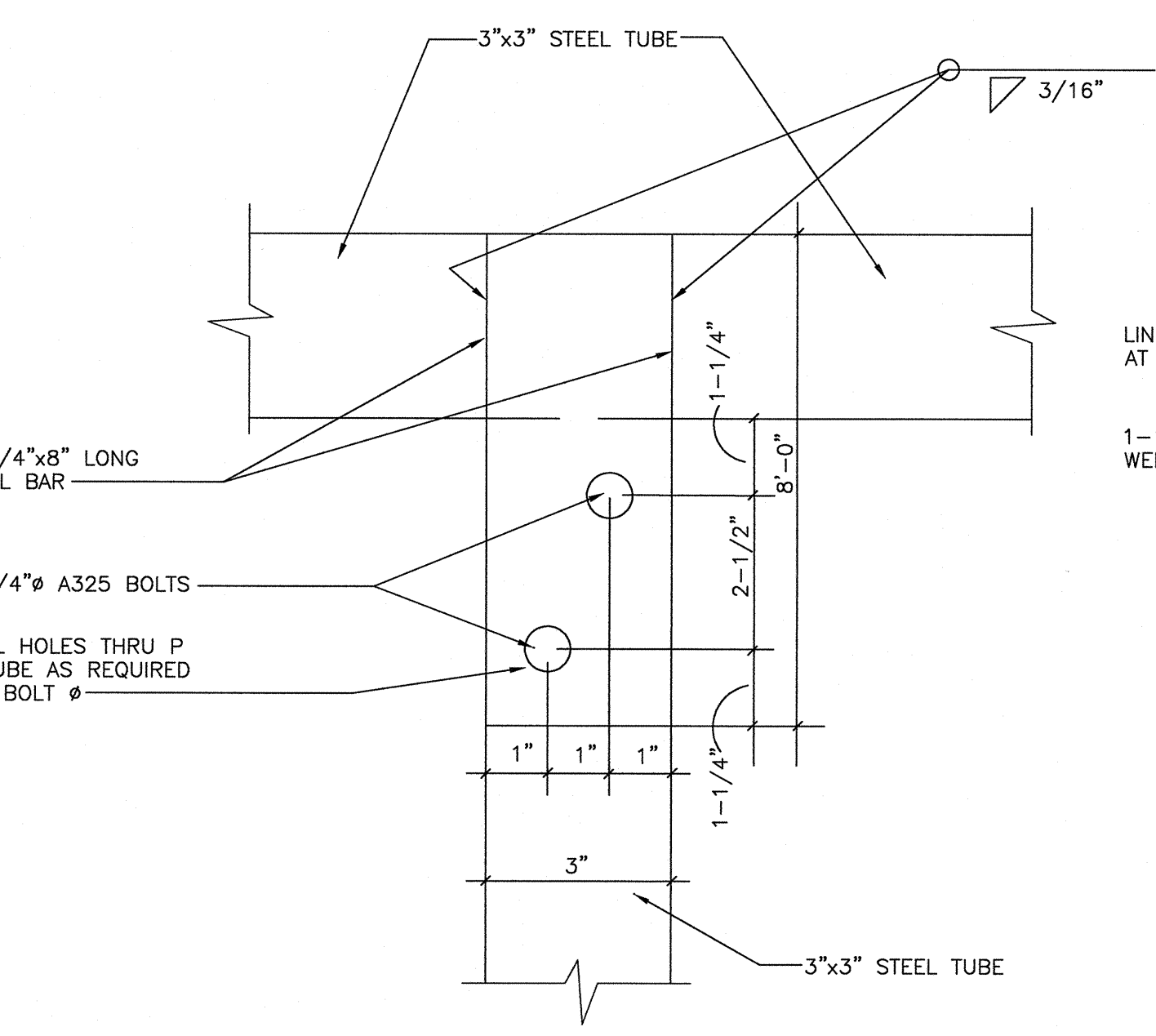
5 CONCRETE SIDEWALK
NOT TO SCALE



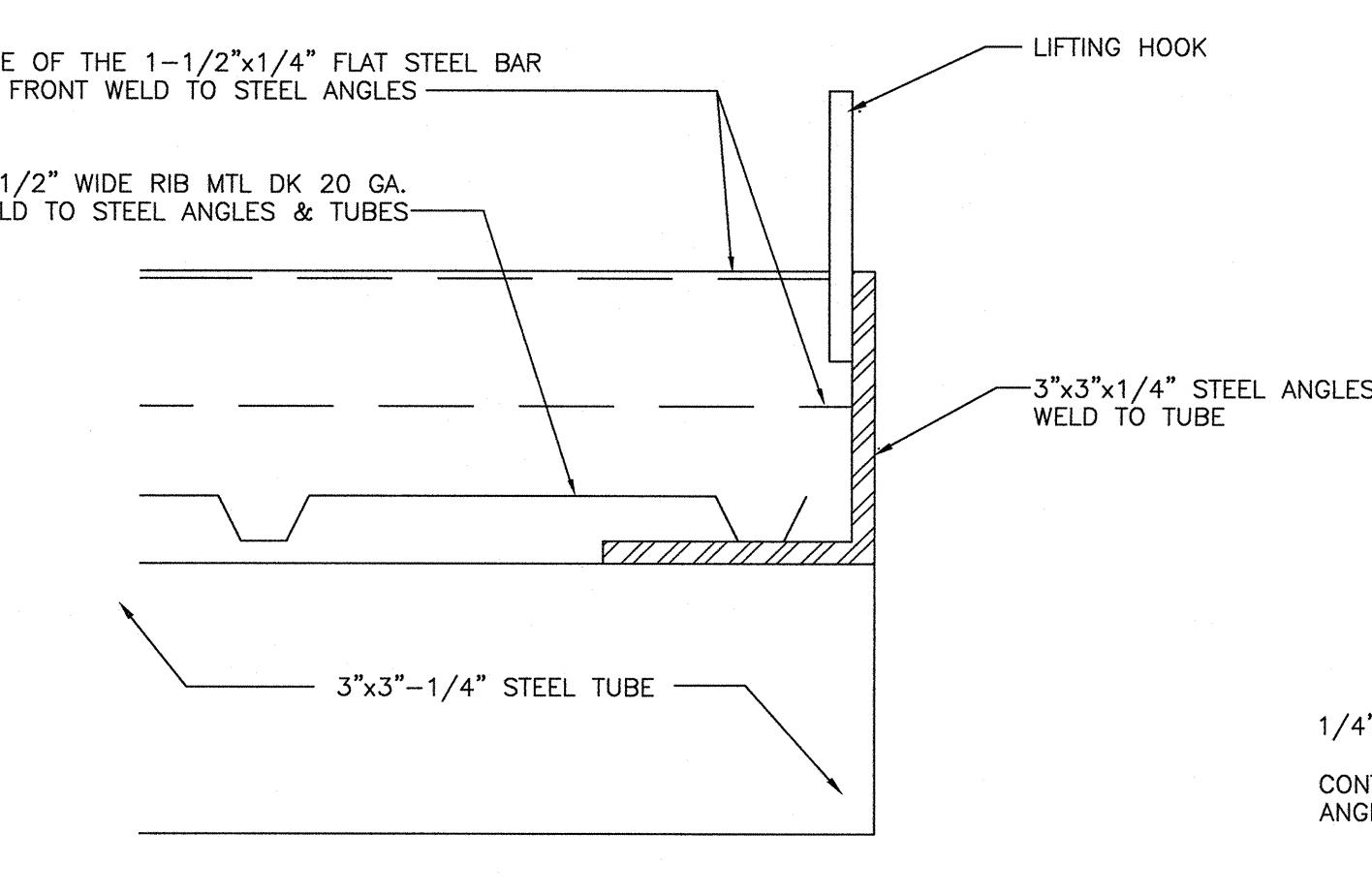
6 TREAD
NOT TO SCALE



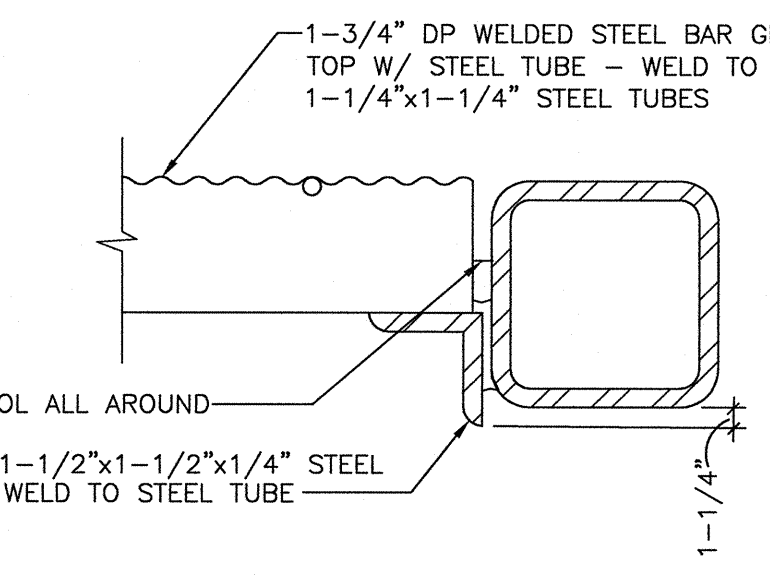
7 PLAN VIEW SCORER'S TABLE CORNER
NOT TO SCALE



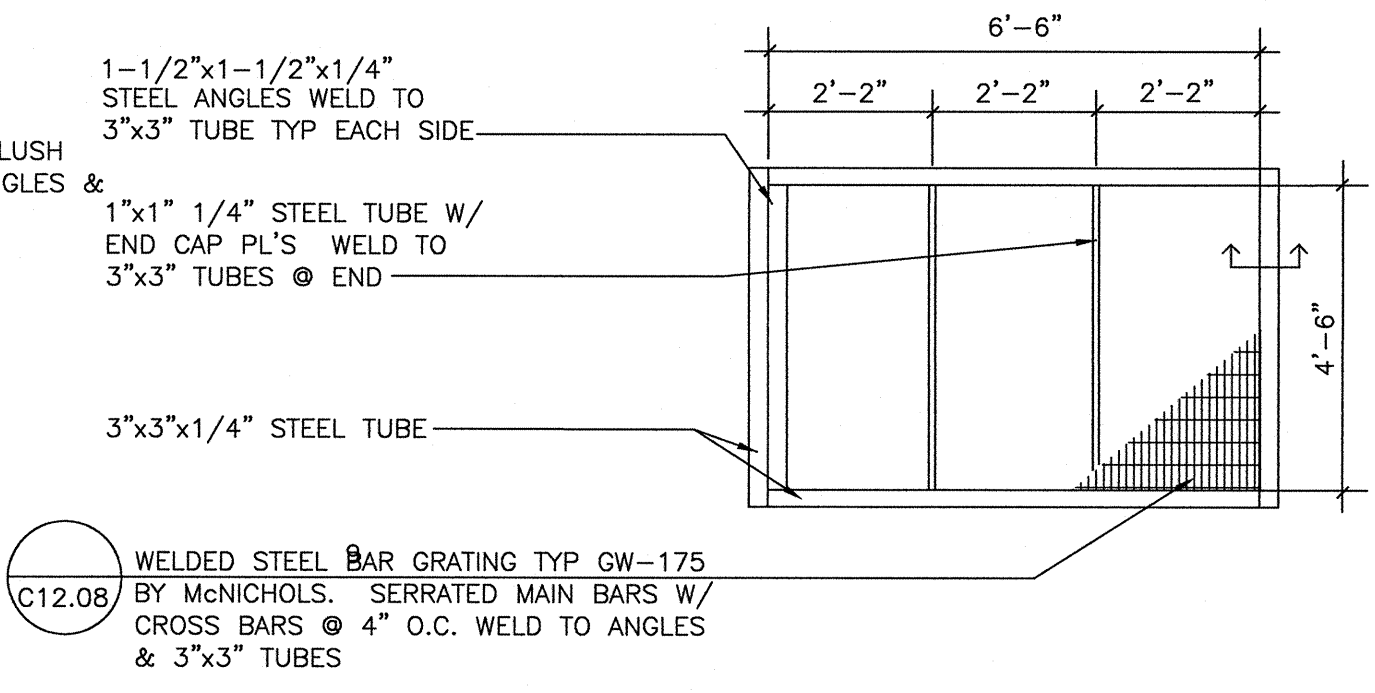
8 ROOF CONNECTION
NOT TO SCALE



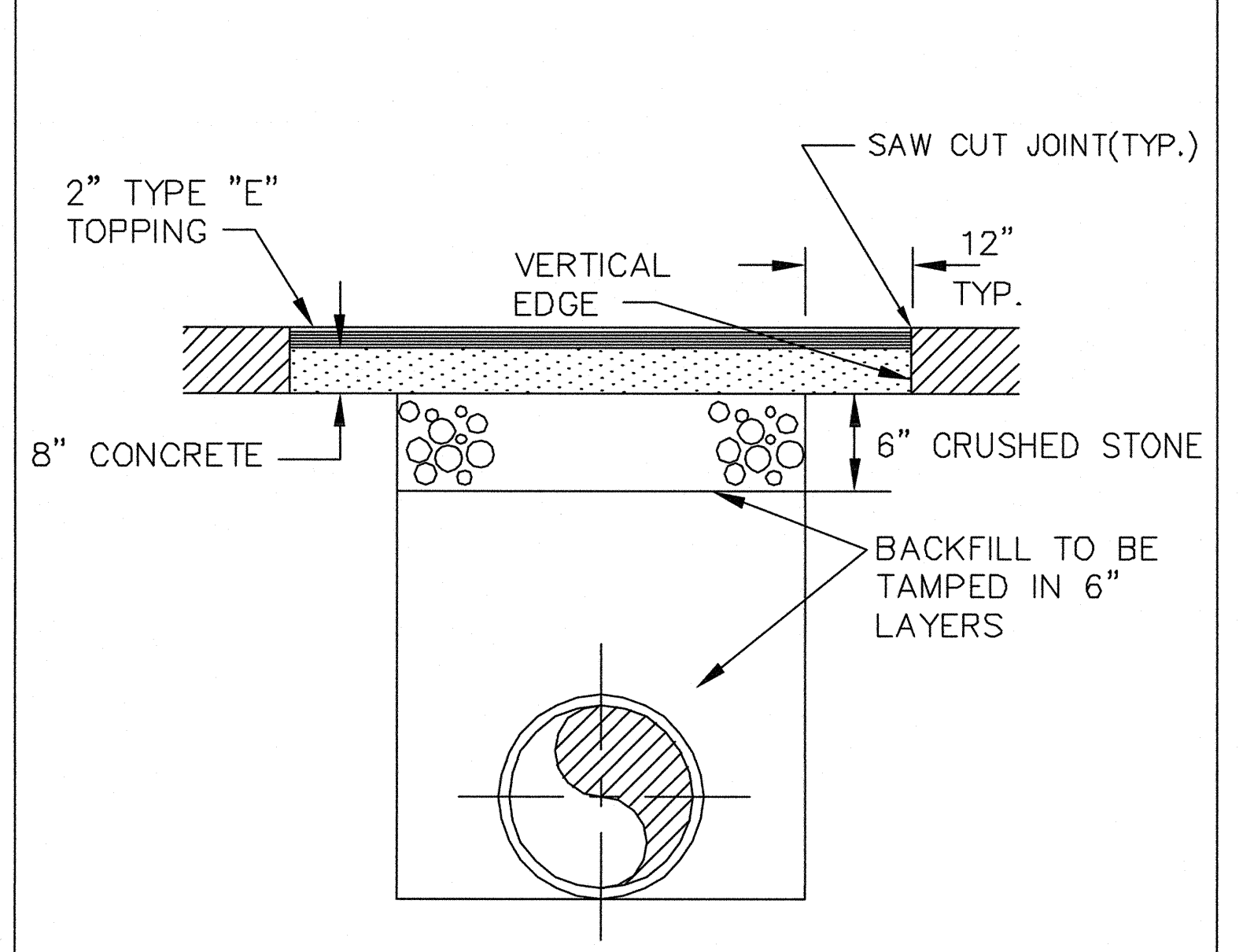
9 ROOF HOOK
NOT TO SCALE



10 BAR GRATING
NOT TO SCALE



11 SCORER'S TOWER FLOOR
NOT TO SCALE



NOTES:
 * USE CLASS "A" CONCRETE
 * SURFACE FINISH TO BE WITH EXISTING TYPE MATERIALS IN ADJACENT AREA
 * BACKFILL @ 98% COMPACTION
 * TRAFFIC CONTROL ARE TO BE FOLLOWED
 * CUT IN CONCRETE SHALL BE REPLACED TO EXISTING THICKNESS UNLESS OTHERWISE SPECIFIED

STATUS	BY	APPROVED	DATE
ORIGINAL			
REVISION			

MACON WATER AUTHORITY STANDARD DETAILS
 RECOMMENDED BY THE MACON WATER AUTHORITY ENGINEERING DEPT.
 ASPHALT REPLACEMENT DETAIL
 N.T.S.
 DRAWING NUMBER S-10

REVISIONS			
NO.	DATE	PROGRESS SET	DESCRIPTION
7	07-03-18	ADDRESS REVIEW COMMENTS	
6			
5			
4			
3			
2			
1	12/01/17		

Travis Pruitt & Associates, Inc.
 ENGINEERS • SURVEYORS
 ARCHITECTS • ENVIRONMENTAL SCIENTISTS

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 Norcross, Georgia 30093
 Phone: (770)416-7511 Fax: (770)416-6759
 www.travispruitt.com

Contact Person: STEVE J BENNETT, PE

SCORERS TOWER DETAILS

FREEDOM PARK

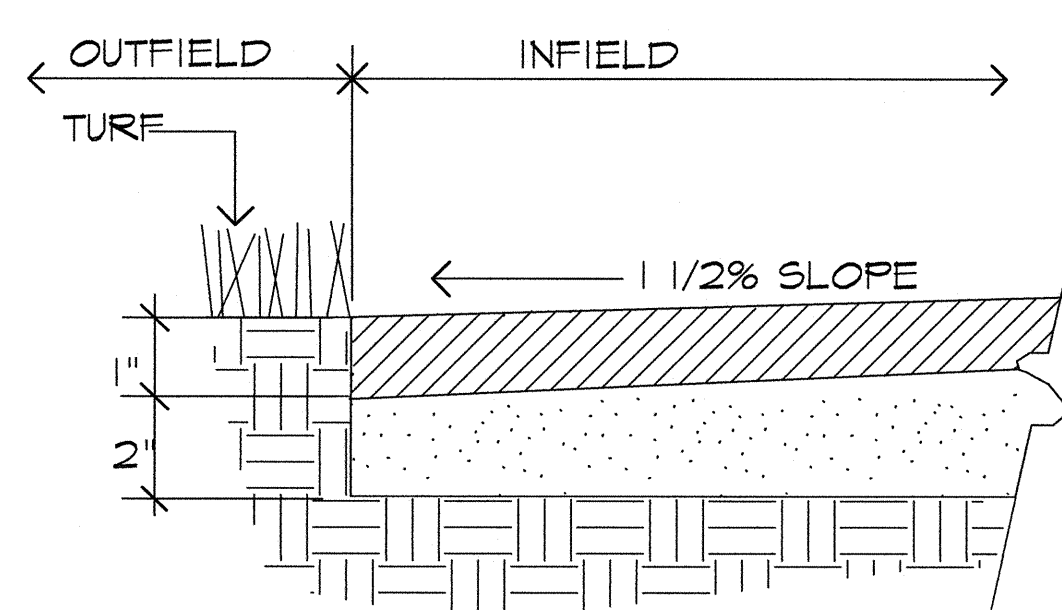
BOYS BASEBALL FIELDS

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

For The Firm Travis Pruitt & Associates, Inc.

DATE: 5/18/2018
 SCALE: NOT TO SCALE
 CN: 170404DT.dwg
 LSV: PUBLISH
 JN: 1-17-0404
 FN: 212-E-197

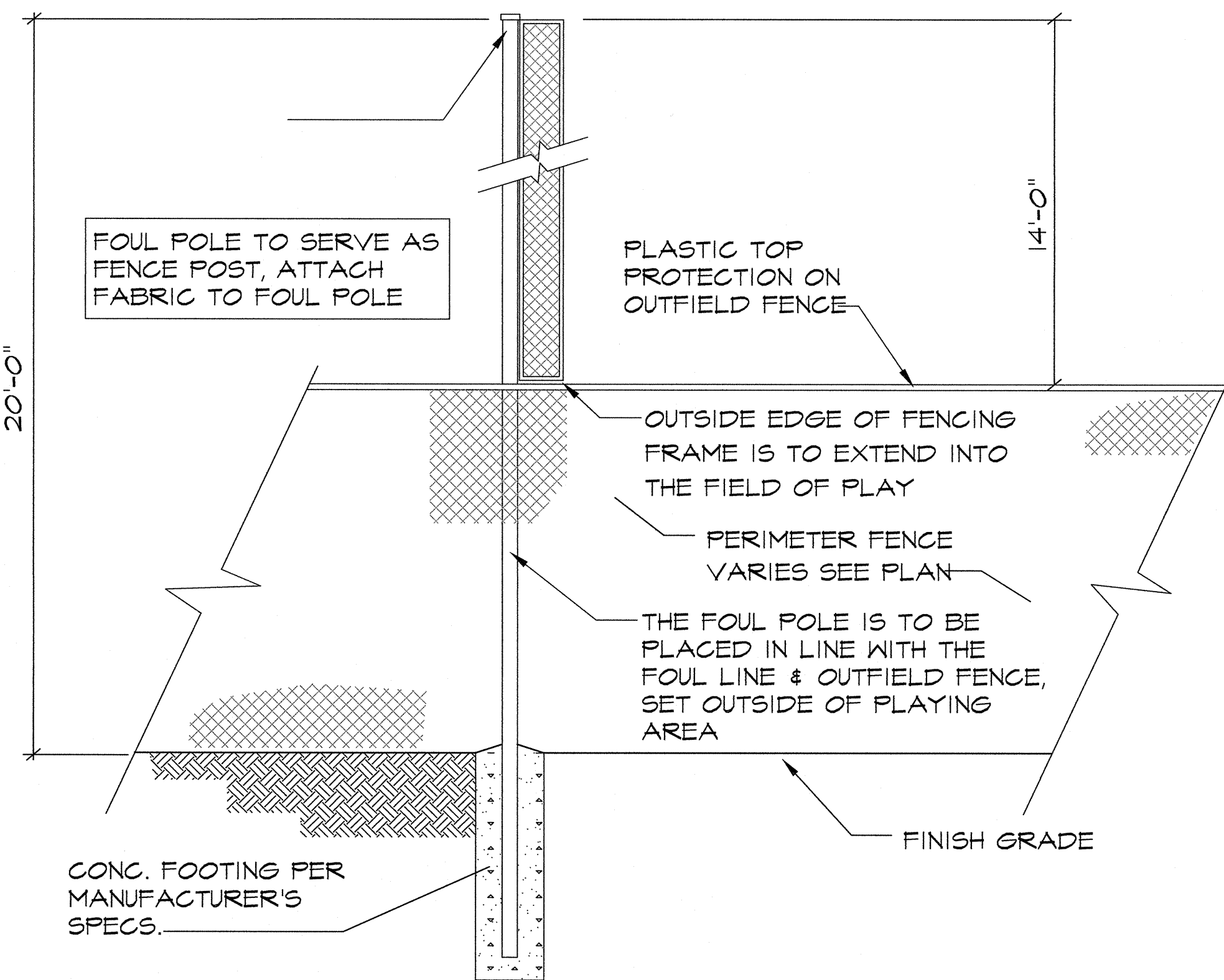
INDEX No. C12.08
 SHEET No. 048



NOTE:
BRICK DUST AVAILABLE FROM:
GENERAL SHALE PRODUCTS CO.
3195 BRICK PLANT RD.
ATLANTA, GA 30318
PHONE: (404) 799-8541

- INSTALLATION PROCESS:
1. PREPARE INFIELD TO SUBGRADE DEPTH.
 2. SPREAD BRICKDUST OVER ENTIRE INFIELD AREA. TILL BRICK DUST INTO TOP 2" OF SUBGRADE, LEVEL & COMPACT.
 3. SPREAD ADDITIONAL BRICKDUST OVER ENTIRE INFIELD, LEVEL & COMPACT. FINISH GRADE INFIELD SHOULD BE LEVEL WITH OUTFIELD GRASS.
 4. INFIELD MIX TO CONFORM TO SECTION 32421 OF THE SPECIFICATIONS.

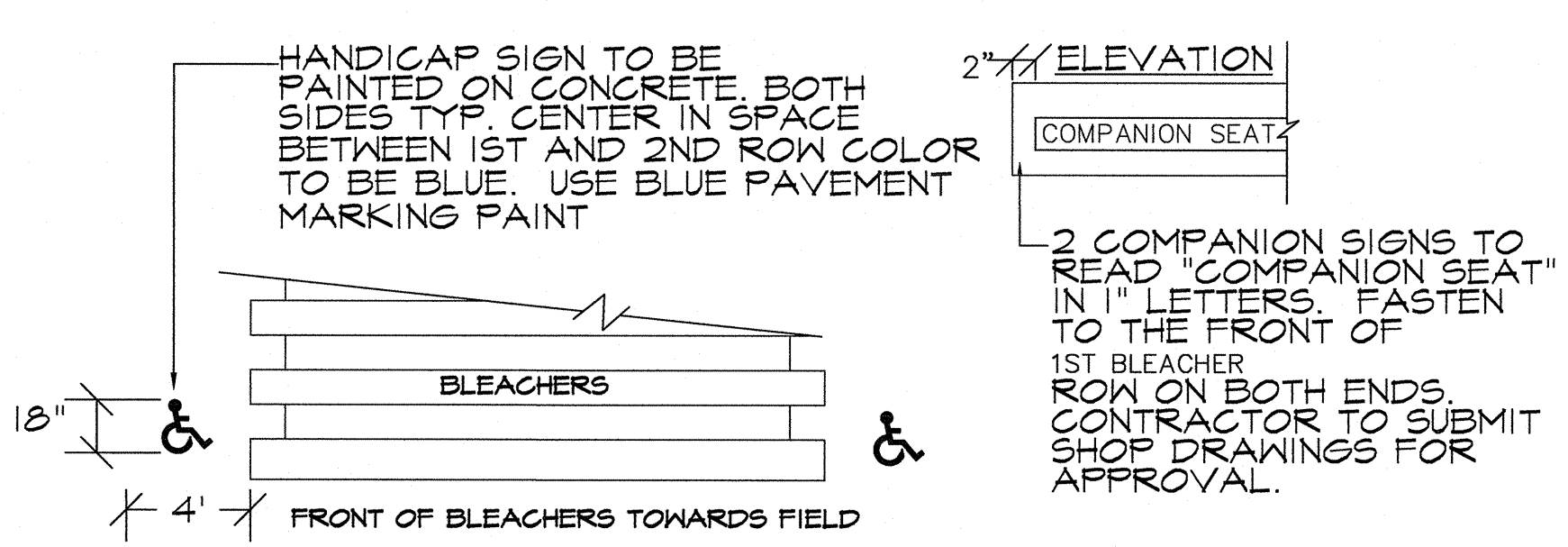
1 INFIELD MIX
NOT TO SCALE



2 SECTION ELEVATION
TYPICAL FOUL POLE
NOT TO SCALE

3 ROW, 42 SEAT, 21' LOW RISE ALUMINUM BLEACHER (ITEM #BLR3A21) BY KAY PARK RECREATION, 888-468-5869, POWDERCOATED COLOR TO BE SELECTED BY OWNER.

3 BLEACHER DETAIL
NOT TO SCALE



4 HANDICAPPED SEATING AREA
AT LOCATIONS FOR BLEACHERS
NOT TO SCALE

"PLAYER'S BENCH WITH SHELF"
BY BASEBALLTIPS.COM
800-497-7482, COLOR BY
OWNER. SEE PLANS FOR LENGTHS.

5 DUGOUT BENCH SEE DETAIL 7/C12.07
NOT TO SCALE

PREMIUM FENCE GUARD (36982) BY DOUGLAS INDUSTRIES, (DOUGLAS-SPORTS.COM), SAFETY YELLOW IN COLOR.

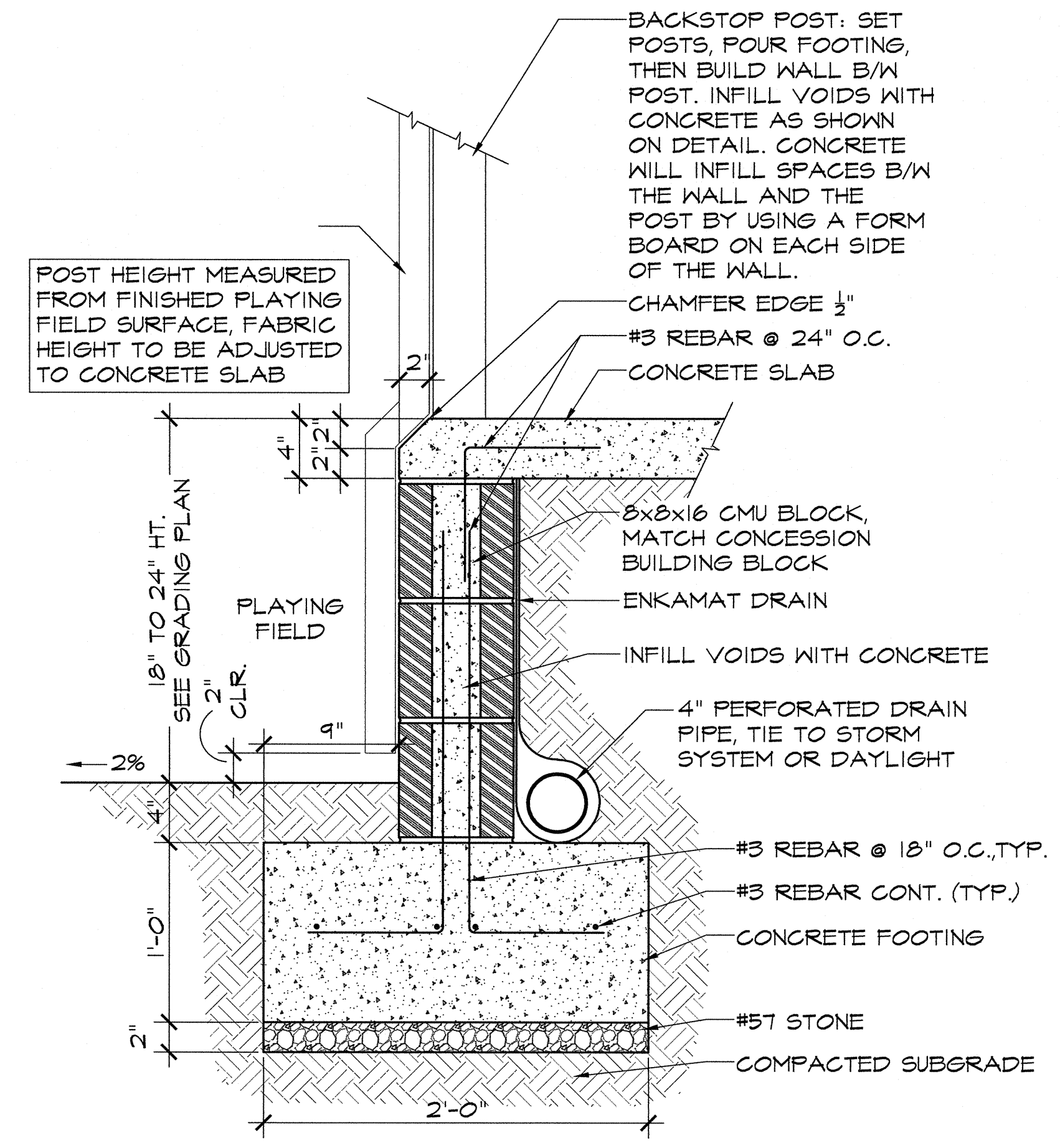
6 PREMIUM FENCE GUARD
NOT TO SCALE

FOUL BALL RETURN STATION BY PROMOUNDS, ORDER FROM "ON DECK SPORTS", (800) 365-6171, MOUNT 36" ABOVE PAVED SURFACE

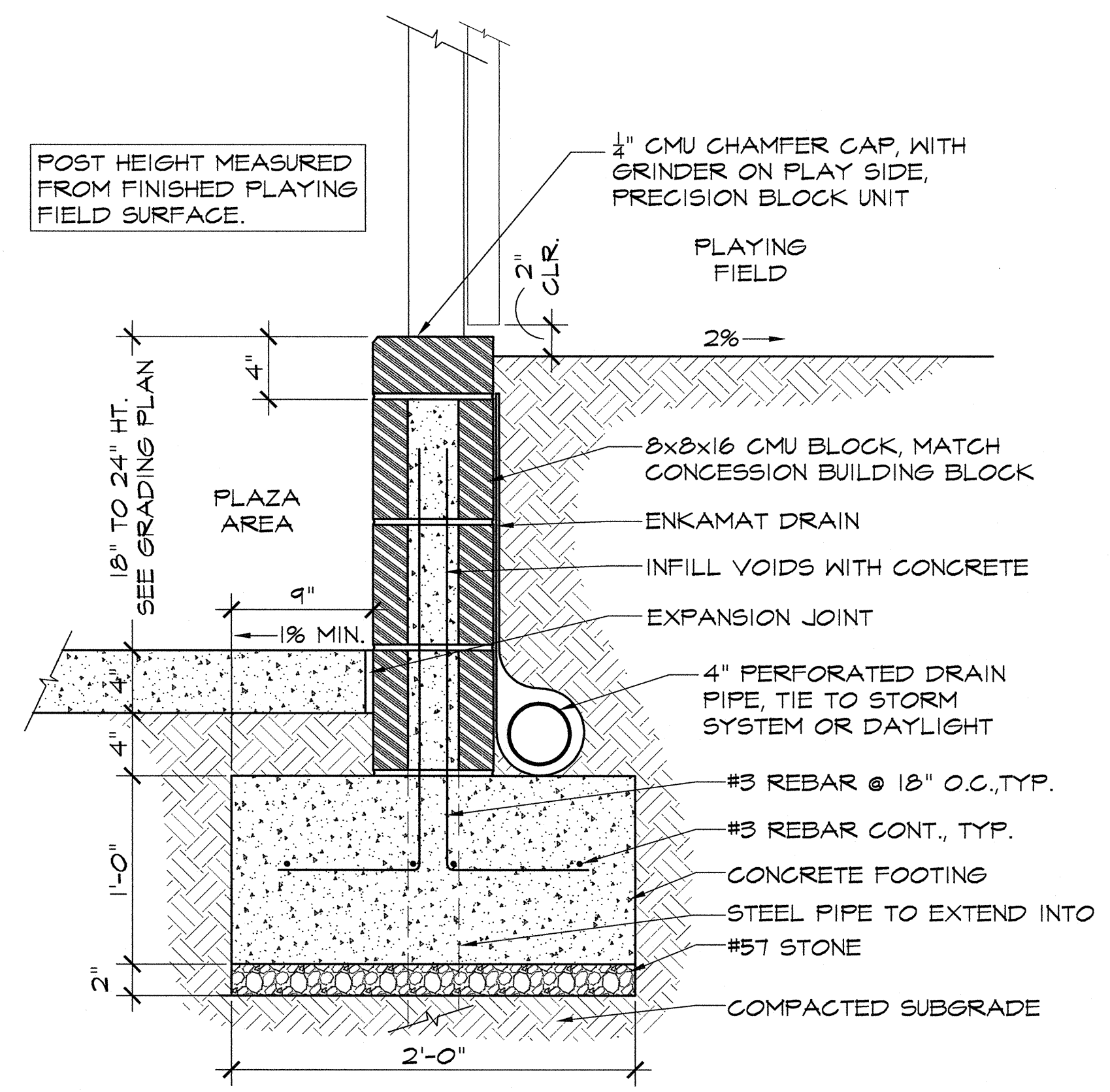
7 FOUL BALL RETURN
NOT TO SCALE

STANDARD FOLDING BACKSTOP PADDING (36993D) BY DOUGLAS INDUSTRIES, DOUGLAS-SPORTS.COM, COLOR BY OWNER (3'Hx12'L)

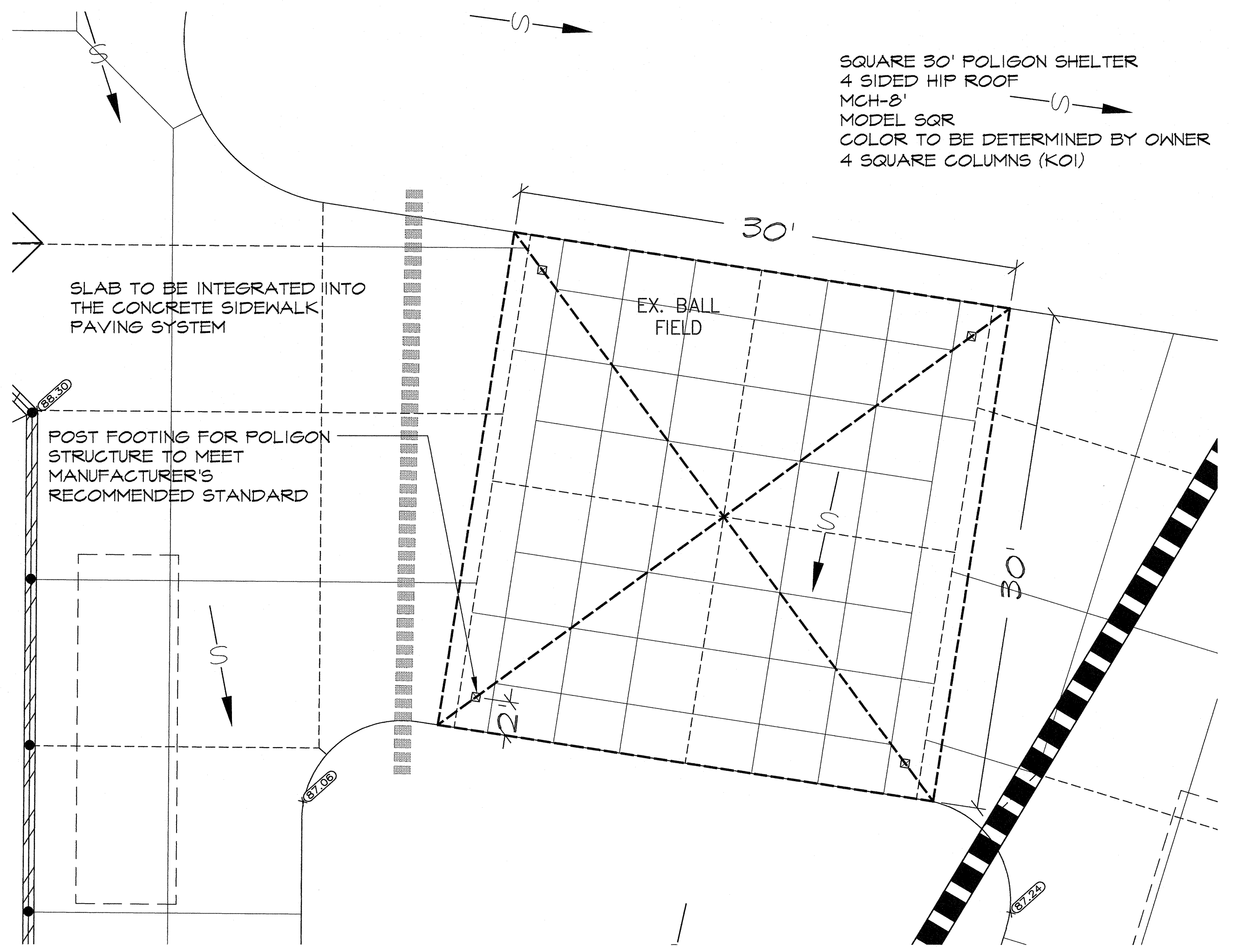
8 BACKSTOP PADDING
NOT TO SCALE



9 BACKSTOP KNEEWALL (SUNKEN FIELD) - TYP
1 1/2" = 1'-0"



10 BACKSTOP KNEEWALL (RAISED FIELD) - TYP
1 1/2" = 1'-0"



11 POLYGON SHELTER
NOT TO SCALE

REVISIONS				
NO.	DATE	DESCRIPTION	SGF	BY
7				
6				
5				
4				
3	07-03-18	ADDRESS REVIEW COMMENTS	SGF	
2	12/01/17	PROGRESS SET	SGF	
1				

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SITE CONSTRUCTION DETAILS

FREEDOM PARK

BOYS BASEBALL FIELDS

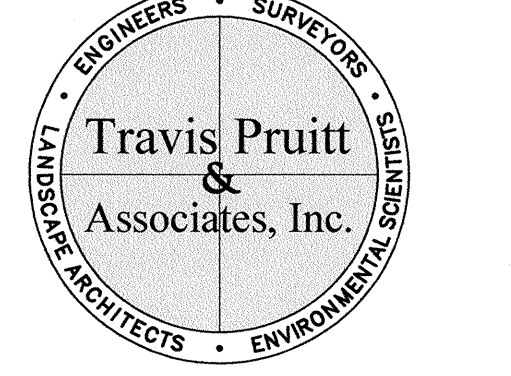
LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

For The Firm Travis Pruitt & Associates, Inc.

DATE: 5/18/2018
SCALE: NOT TO SCALE
CN: 170404DT.dwg
LSV: PUBLISH
JN: 1-17-0404
FN: 212-E-197

INDEX No. C12.09
SHEET No. 049

Table with 5 columns: NO., DATE, DESCRIPTION, SGF, BY. Contains revision entries 1 through 7.

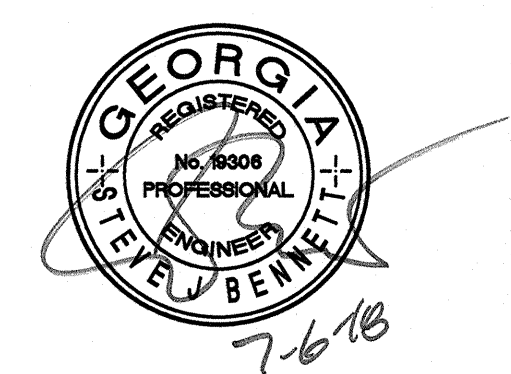


4317 Park Drive, Suite 400 Norcross, Georgia 30093 Phone: (770)416-7511 Fax: (770)416-6759 www.travispruit.com

Contact Person: STEVE J BENNETT, PE

FREEDOM PARK BOYS BASEBALL FIELDS

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT



For The Firm Travis Pruitt & Associates, Inc.

Table with 2 columns: FIELD NO., SHEET NO. Values: C12.10, 050

Table with 2 columns: INDEX NO., SHEET NO. Values: C12.10, 050

DEFINITION: CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES. PURPOSE: TO PREVENT SURFACE AND AIR MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES. CONCRETE WASHOUT AREA INSTALLATION NOTES and CONCRETE WASHOUT AREA MAINTENANCE NOTES.

DEFINITION: CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES. DUST CONTROL ON DISTURBED AREAS (NTS) DU. CONSTRUCTION SPECIFICATIONS and MAINTENANCE.

PLANTS, PLANTING RATES AND PLANTING DATES FOR TEMPORARY COVER OF EMPOWERED CROPS 1/

DEFINITION: The establishment of temporary vegetative cover with fast growing seedlings for seasonal protection. SUGGESTED SEEDING DEPTHS table.

DEFINITION: Applying plant residues or other suitable materials, produced on the site if possible, to the soil. REQUIREMENT FOR REGULATORY COMPLIANCE. DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) (NTS) Dd1.

DEFINITION: A temporary structure used to convey concentrated storm water down the face of cut or fill slopes. CURB INLET FILTER "PIGS IN BLANKET" (NTS) Sd2-P.

DEFINITION: A temporary structure used to convey concentrated storm water down the face of cut or fill slopes. DOWN DRAIN STRUCTURE (NTS) Dd1.

DEFINITION: A temporary structure used to convey concentrated storm water down the face of cut or fill slopes. Pipe Diameter for Temporary Down Drain Structure Table 6-141.

DEFINITION: Slope stabilization using vegetative cover. SLOPE STABILIZATION (NTS) Sd.

DEFINITION: Slope stabilization using vegetative cover. SLOPE STABILIZATION (NTS) Sd.

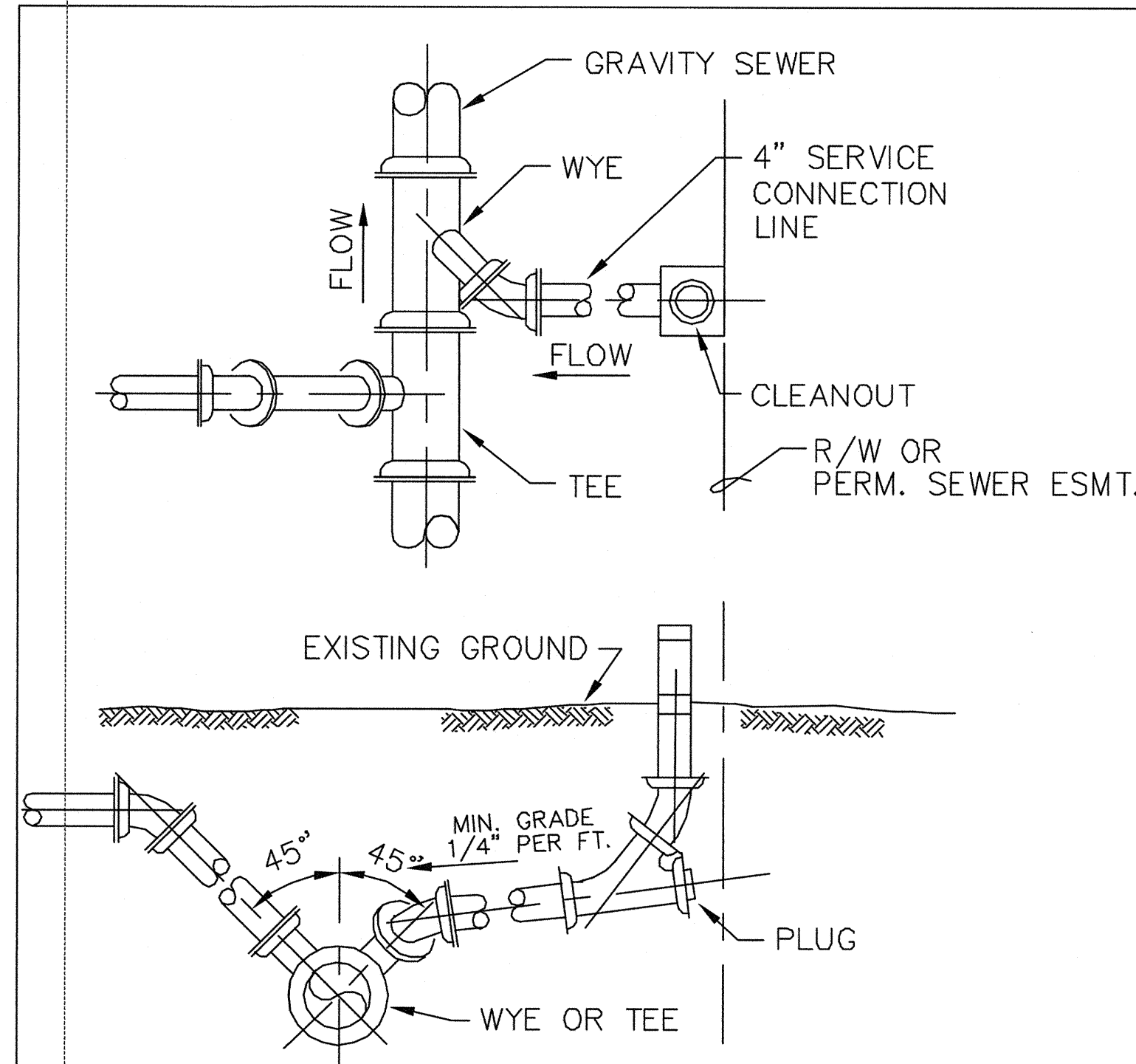
DEFINITION: A temporary structure used to convey concentrated storm water down the face of cut or fill slopes. STEEL FRAME AND SILT FENCE INSTALLATION.

DEFINITION: A temporary structure used to convey concentrated storm water down the face of cut or fill slopes. CRUSHED STONE CONSTRUCTION EXIT (NTS) Co.

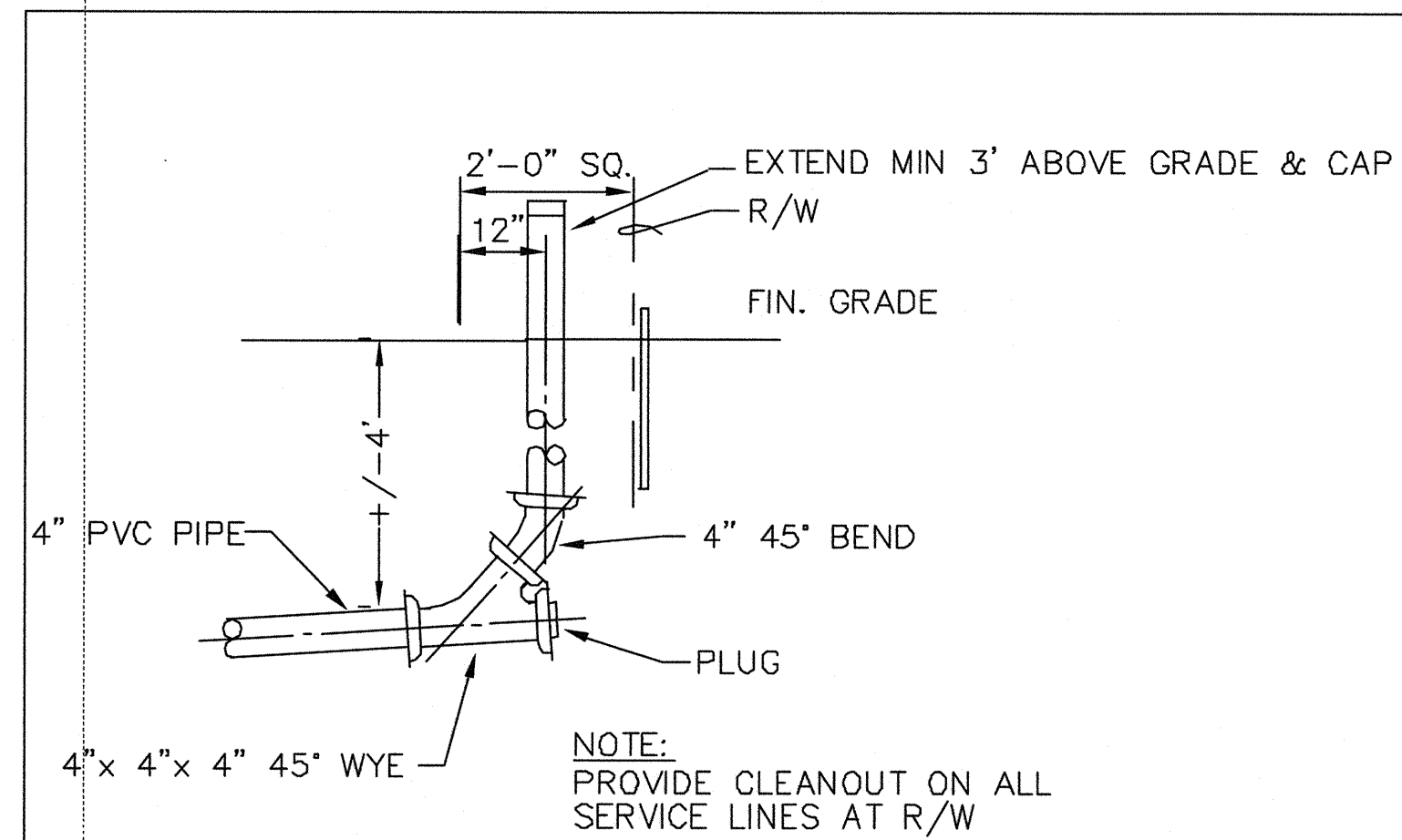
DEFINITION: A temporary structure used to convey concentrated storm water down the face of cut or fill slopes. SILT FENCE - TYPE SENSITIVE (NTS) Sd1-S.

DEFINITION: A temporary structure used to convey concentrated storm water down the face of cut or fill slopes. SILT FENCE - TYPE NON-SENSITIVE (NTS) Sd1-NS.

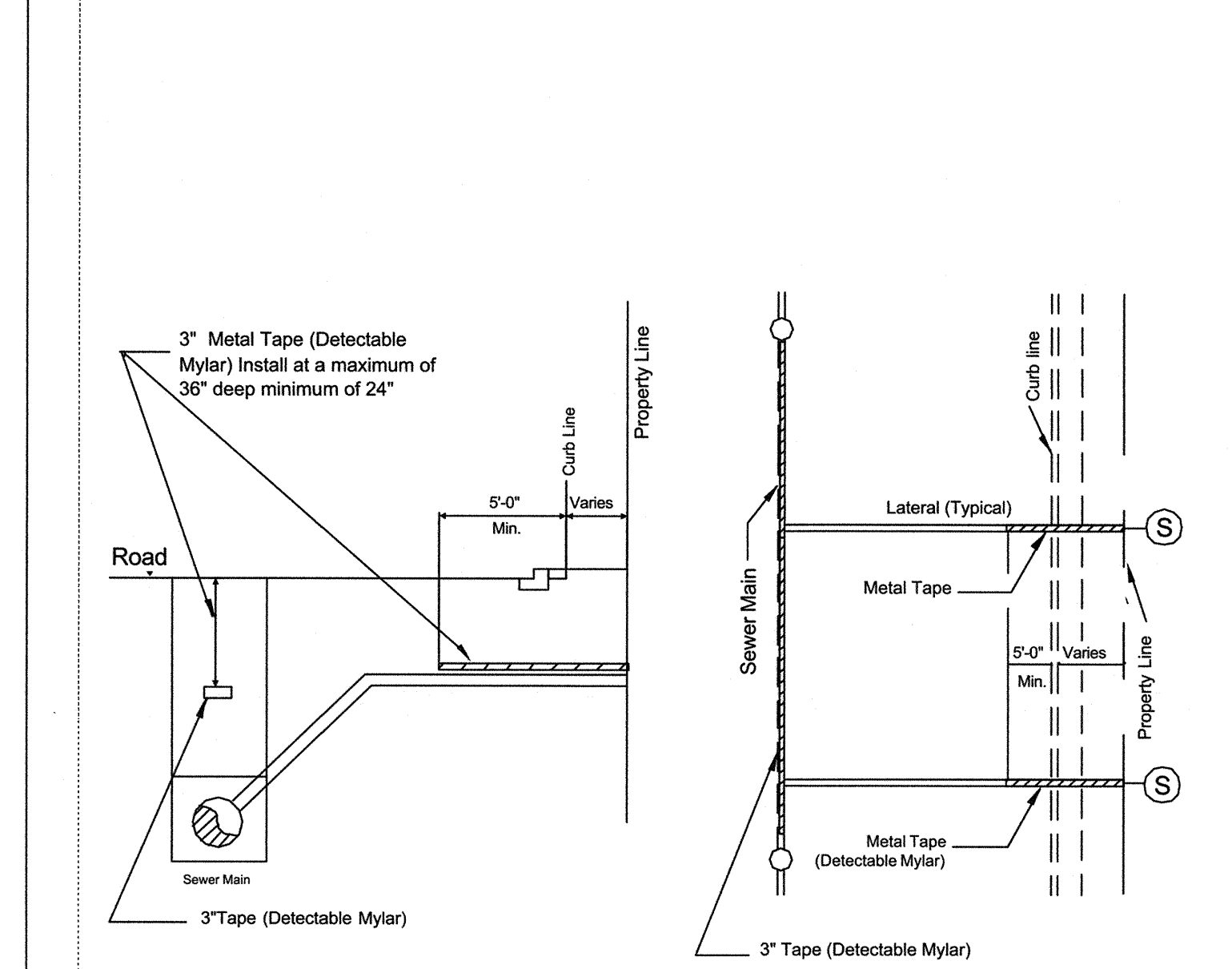
DEFINITION: A temporary structure used to convey concentrated storm water down the face of cut or fill slopes. SILT FENCE - TYPE NON-SENSITIVE (NTS) Sd1-NS.



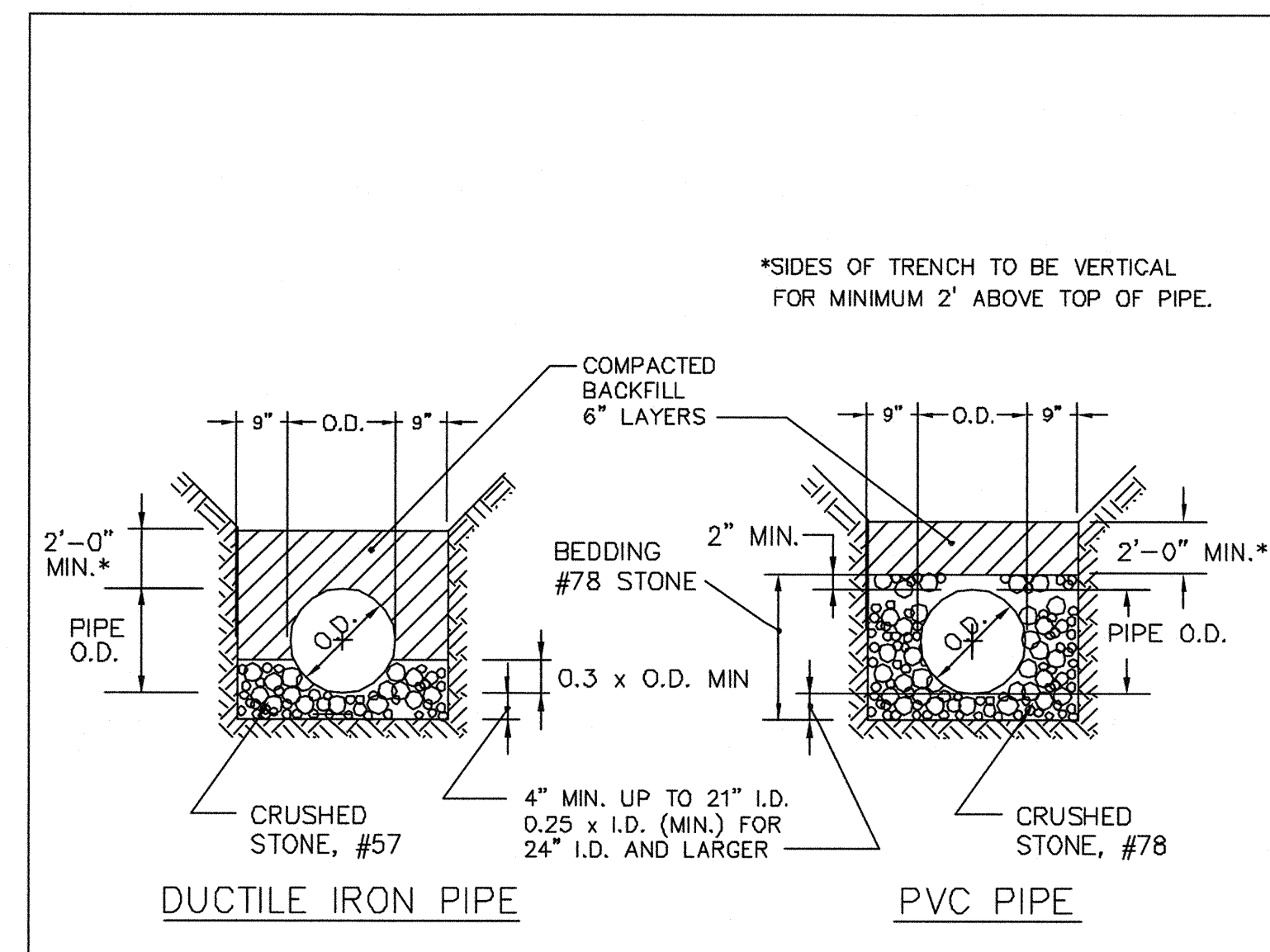
STATUS	BY	APPROVED	DATE	MACON WATER AUTHORITY STANDARD DETAILS	RECOMMENDED BY THE MACON WATER AUTHORITY ENGINEERING DEPT.
ORIGINAL				SERVICE CONNECTION DETAIL	DRAWING NUMBER S-4
REVISION				N.T.S.	



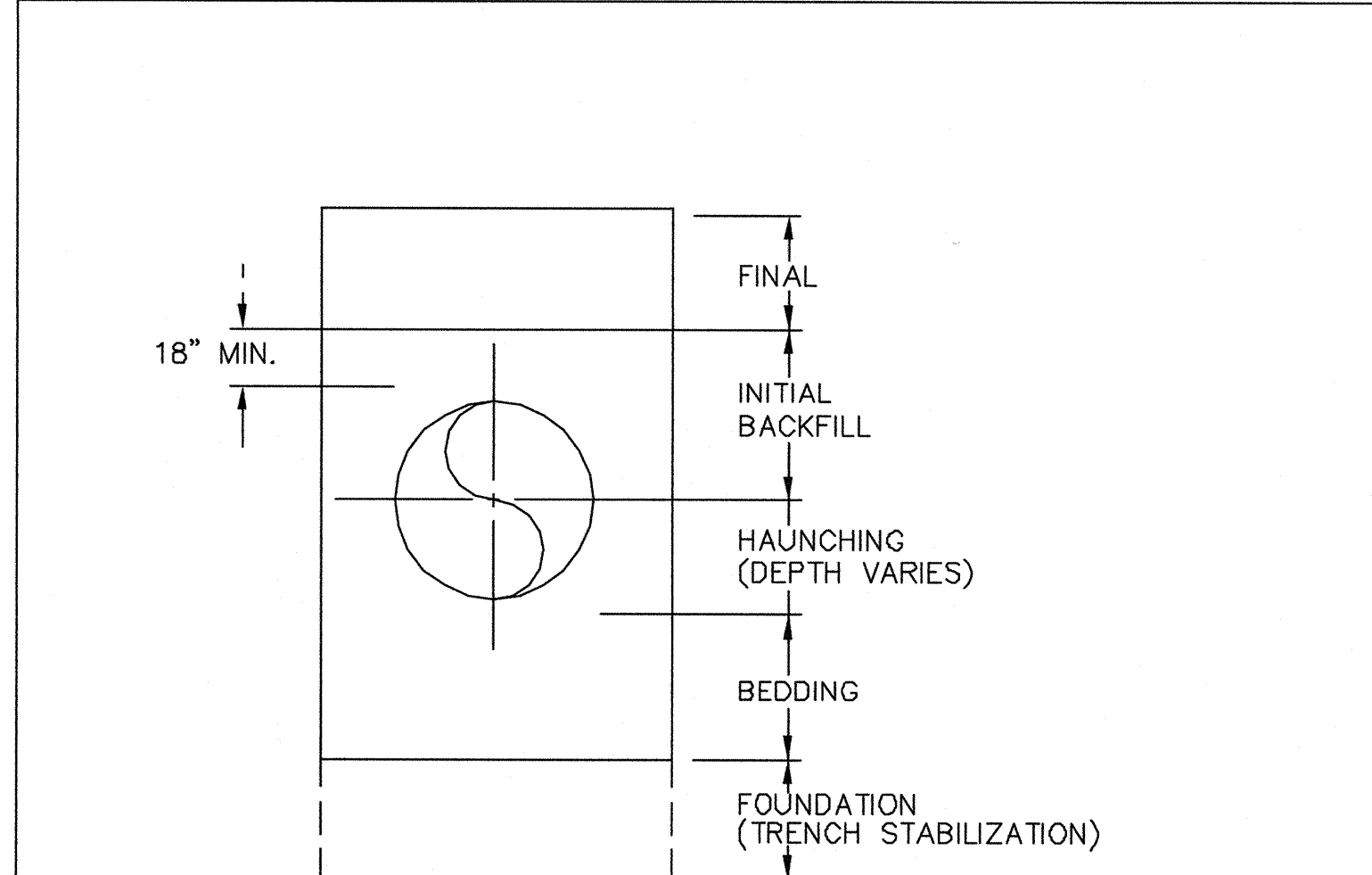
STATUS	BY	APPROVED	DATE	MACON WATER AUTHORITY STANDARD DETAILS	RECOMMENDED BY THE MACON WATER AUTHORITY ENGINEERING DEPT.
ORIGINAL				CLEANOUT DETAIL	DRAWING NUMBER S-6
REVISION				SIZE OF CLEANOUT IS 4" X 6" N.T.S.	



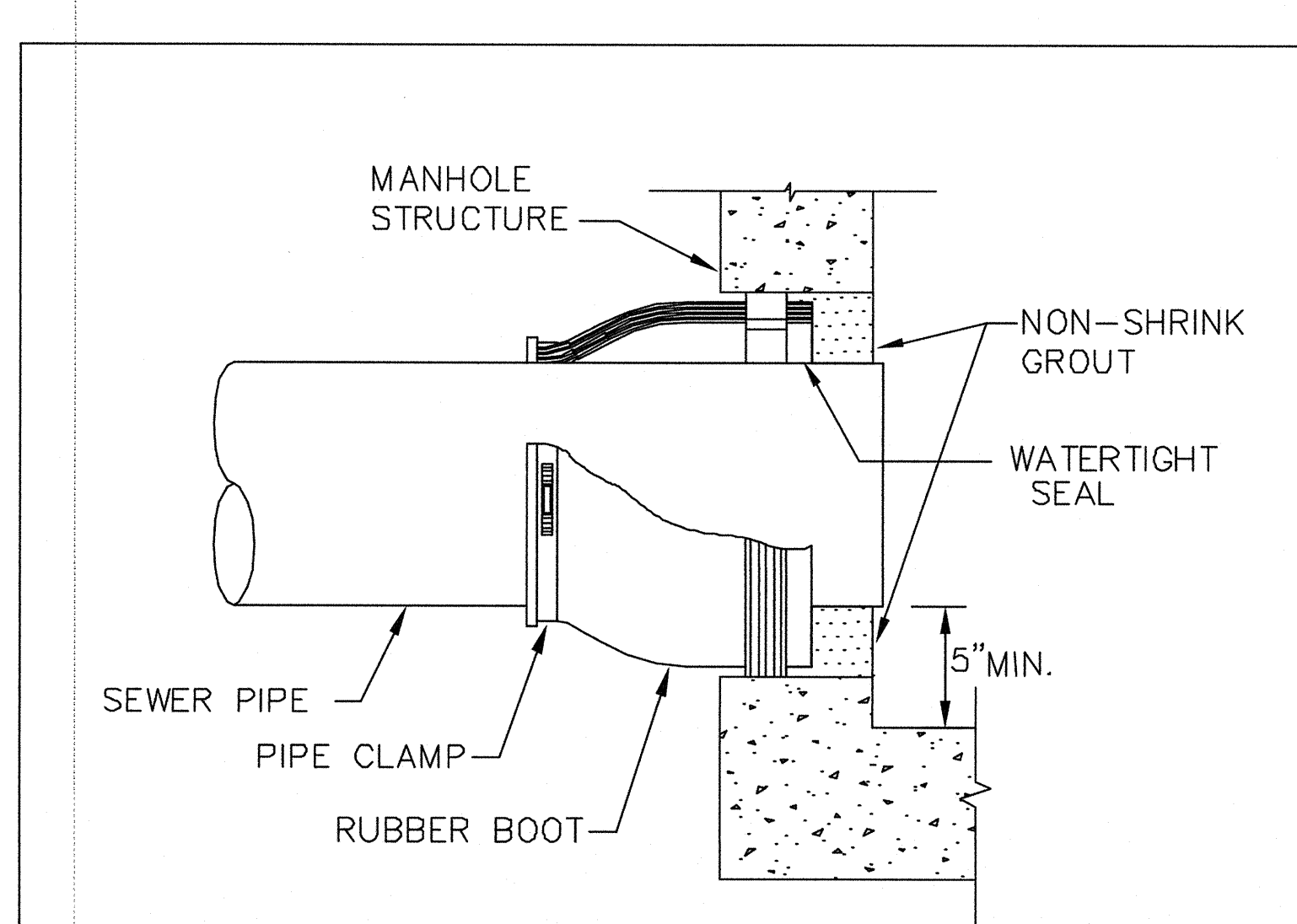
STATUS	BY	APPROVED	DATE	MACON WATER AUTHORITY STANDARD DETAILS	RECOMMENDED BY THE MACON WATER AUTHORITY ENGINEERING DEPT.
ORIGINAL				METALLIC TAPE LOCATOR DETAIL	DRAWING NUMBER S-14
REVISION				N.T.S.	



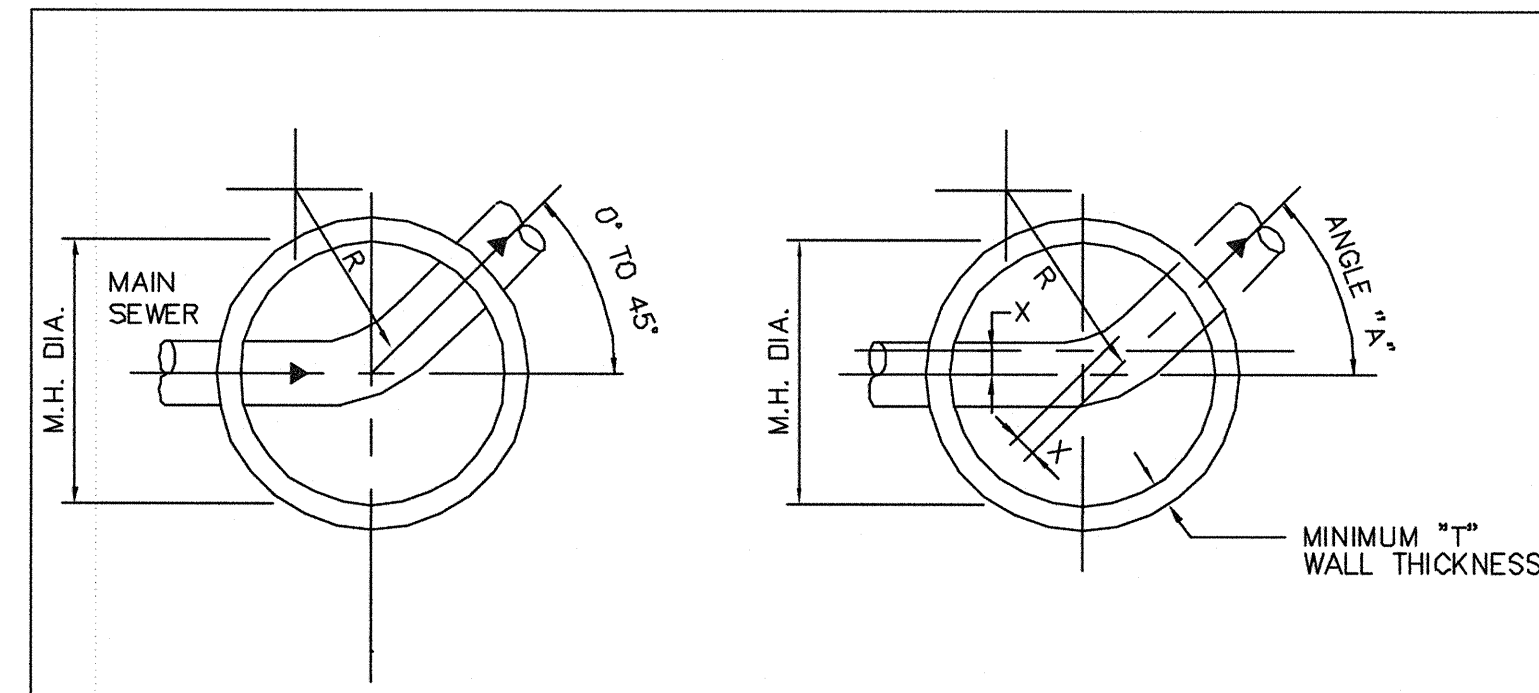
STATUS	BY	APPROVED	DATE	MACON WATER AUTHORITY STANDARD DETAILS	RECOMMENDED BY THE MACON WATER AUTHORITY ENGINEERING DEPT.
ORIGINAL				PIPE BEDDING AND HAUNCHING DETAILS	DRAWING NUMBER OT-2
REVISION				N.T.S.	



STATUS	BY	APPROVED	DATE	MACON WATER AUTHORITY STANDARD DETAILS	RECOMMENDED BY THE MACON WATER AUTHORITY ENGINEERING DEPT.
ORIGINAL				TRENCH TERMINOLGY DETAIL	DRAWING NUMBER OT-1
REVISION				N.T.S.	



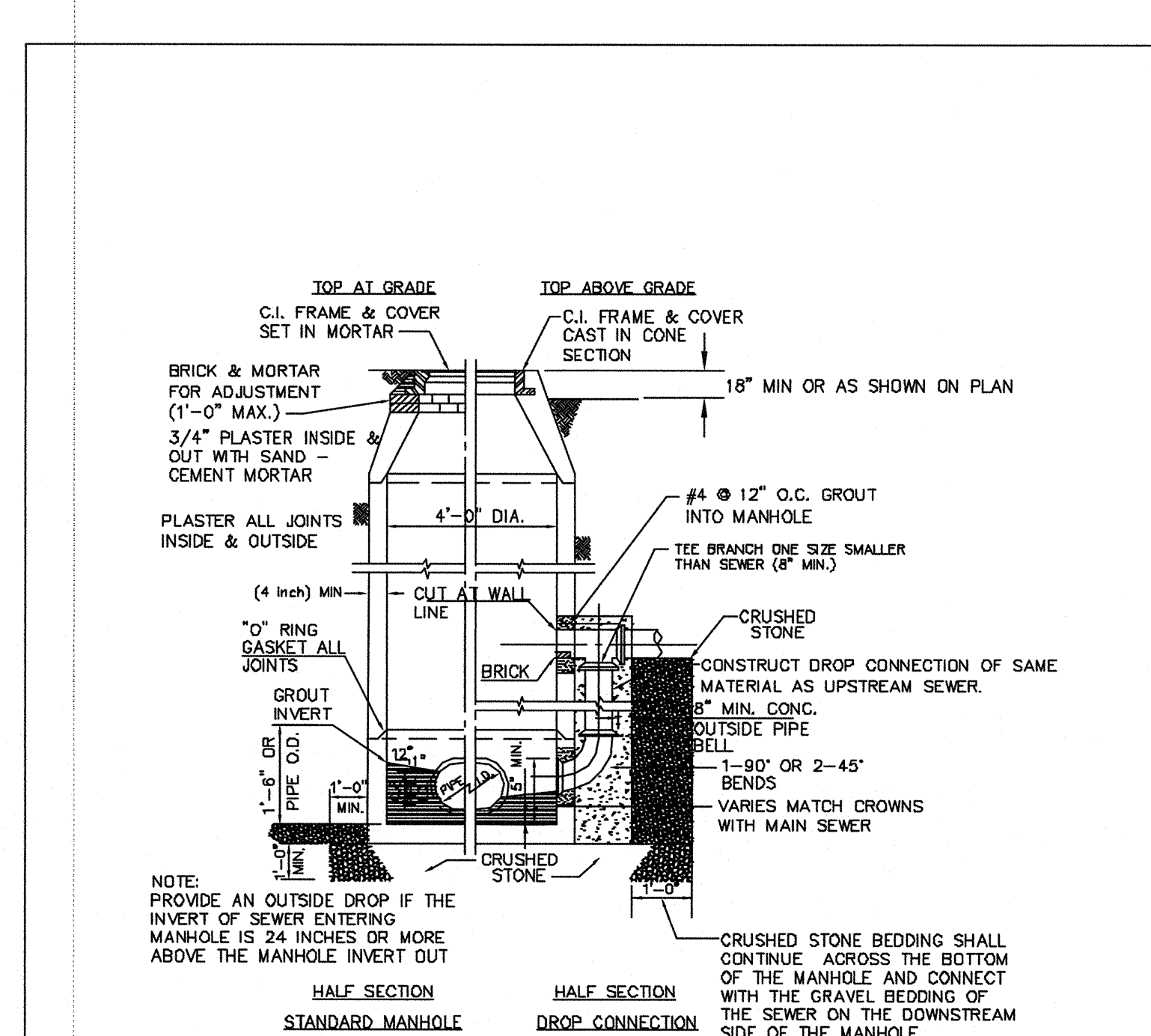
STATUS	BY	APPROVED	DATE	MACON WATER AUTHORITY STANDARD DETAILS	RECOMMENDED BY THE MACON WATER AUTHORITY ENGINEERING DEPT.
ORIGINAL				RUBBER BOOT DETAIL	DRAWING NUMBER S-5
REVISION				N.T.S.	



PIPE SIZE	ANGLE "A"	M.H. DIA.	"1"	"X"
8" TO 16"	0° TO 90°	4'-0"	5"	0"
18" TO 24"	0° TO 60°	4'-0"	5"	0"
18" TO 24"	60° TO 90°	5'-0"	6"	6"

NOTE: MINIMUM RADIUS (R) OF M.H. INVERT = 1.5 x PIPE DIAMETER

STATUS	BY	APPROVED	DATE	MACON WATER AUTHORITY STANDARD DETAILS	RECOMMENDED BY THE MACON WATER AUTHORITY ENGINEERING DEPT.
ORIGINAL				DIRECTION OF FLOW IN A MANHOLE	DRAWING NUMBER S-3
REVISION				N.T.S.	



STATUS	BY	APPROVED	DATE	MACON WATER AUTHORITY STANDARD DETAILS	RECOMMENDED BY THE MACON WATER AUTHORITY ENGINEERING DEPT.
ORIGINAL				PRECAST CONCRETE MANHOLE DETAIL	DRAWING NUMBER S-2
REVISION				N.T.S.	

REVISIONS			
NO.	DATE	PROGRESS SET	DESCRIPTION
7			
6			
5			
4			
3			
2	07-03-18	ADDRESS REVIEW COMMENTS	SGF
1	12/01/17	PROGRESS SET	SGF
			BY

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Contact Person: STEVE J BENNETT, PE

FREEDOM PARK
BOYS BASEBALL FIELDS
 LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

For The Firm Travis Pruitt & Associates, Inc.

DATE:	5/18/2018
SCALE:	NOT TO SCALE
DN:	170404DT.dwg
LSV:	LSV
JN:	1-17-0404
FN:	212-E-197
INDEX No.	C12.12
SHEET No.	052

INTERIOR FINISH SCHEDULE - CONCESSIONS										
RM. NO.	RM. NAME	FLOOR	BASE	DETAILS				CEILING	CEILING HEIGHTS	REMARKS
				FRONT	R SIDE	REAR	L SIDE			
FIRST FLOOR										
101	ENTRANCE	EPOXY	VINYL	P.T. CMU	P.T. CMU	P.T. CMU	P.T. CMU	P.T. PLYWOOD	10'-7 1/4"	EPOXY FLOORING W/ 4" INTEGRAL COVE BASE
102	STRAKE	EPOXY	VINYL	P.T. CMU	P.T. CMU	P.T. CMU	P.T. CMU	P.T. PLYWOOD	10'-7 1/4"	EPOXY FLOORING W/ 4" INTEGRAL COVE BASE
103	MECHANICAL ROOM	EPOXY	VINYL	P.T. CMU	P.T. CMU	P.T. CMU	P.T. CMU	P.T. PLYWOOD	10'-7 1/4"	EPOXY FLOORING W/ 4" INTEGRAL COVE BASE
104	CONCESSIONS AREA	EPOXY	VINYL	P.T. CMU	P.T. CMU	P.T. CMU	P.T. CMU	P.T. PLYWOOD	10'-7 1/4"	EPOXY FLOORING W/ 4" INTEGRAL COVE BASE
105	WOMEN'S	EPOXY	VINYL	P.T. CMU	P.T. CMU	P.T. CMU	P.T. CMU	P.T. PLYWOOD	10'-7 1/4"	EPOXY FLOORING W/ 4" INTEGRAL COVE BASE (WATER RESISTANT WALLS AND CEILING)
106	MEN'S	EPOXY	VINYL	P.T. CMU	P.T. CMU	P.T. CMU	P.T. CMU	P.T. PLYWOOD	10'-7 1/4"	EPOXY FLOORING W/ 4" INTEGRAL COVE BASE (WATER RESISTANT WALLS AND CEILING)

FINISH LEGEND:
EPOXY: FLUID APPLIED FLOORING, EPOXY W/ AGGREGATE
VINYL: 4" VINYL COVE BASE (JOHNSONITE, #44 DARK BROWN B) - SEE DETAIL 11/A-4.1
P.T. CMU: EPOXY PAINTED CONCRETE BLOCK
P.T. PLYWOOD: PAINTED PLYWOOD

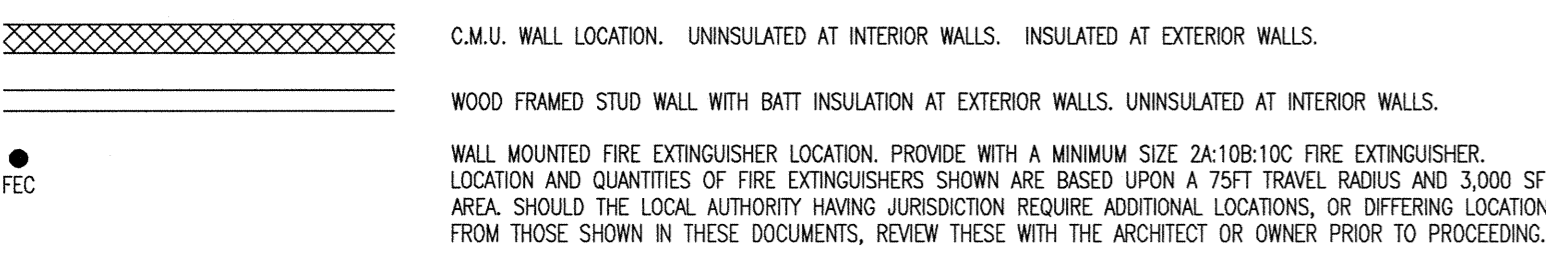
GENERAL SHEET NOTES FLOOR PLAN

- DIMENSIONS ARE TAKEN TO FACE OF STUD OR MASONRY/CONCRETE, UNLESS INDICATED OTHERWISE.
- PRIOR TO ROUGH-IN, COORDINATE LOCATIONS OF ALL LIGHT FIXTURES, ELECTRICAL, AND ALL OTHER ITEMS THAT COINCIDE WITH INTERIOR FINISHES. IF THERE IS A DISCREPANCY BETWEEN THE I.D. DRAWINGS AND THE ACCESSIBILITY STANDARDS, REPORT THE DISCREPANCY TO THE ARCHITECT FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.
- PRIOR TO WALL ENCLOSURE, CONTRACTOR SHALL PROVIDE FIRE-RETARDANT TREATED WOOD BLOCKING BEHIND ALL WALL MOUNTED ITEMS, INCLUDING OWNER FURNISHED ITEMS. THIS INCLUDES, BUT IS NOT LIMITED TO, TOILET AND BATHROOM ACCESSORIES, ANY CLEANING ACCESSORIES, AND ALL OTHER ITEMS MOUNTED TO WALLS. COORDINATE LOCATIONS WITH OWNER AND THIRD PARTY VENDOR FURNISHED ITEMS.
- APPROXIMATE LOCATIONS OF MISCELLANEOUS ACCESSORIES PROVIDED BY OWNER ARE NOTED IN THESE DRAWINGS. CONTRACTOR SHALL PROVIDE FIRE-TREATED WOOD BLOCKING AT ALL LOCATIONS EXCEPT AT WET LOCATIONS. PROVIDE METAL STRAP BLOCKING AT WET LOCATIONS. COORDINATE FINAL LOCATIONS AND QUANTITIES WITH OWNER AND VENDOR PRIOR TO INSTALLATION.

TOILET AND BATHROOM ACCESSORY KEYNOTES

- NOTE: NOT ALL ACCESSORIES MAY BE USED ON SHEET
- N.L.C. (NOT IN CONTRACT) ITEMS: FURNITURE PROVIDED BY OWNER.
 - STAINLESS STEEL TOILET PARTITIONS: SATIN STAINLESS STEEL FINISH TOILET PARTITIONS. FLOOR ANCHORED AND OVERHEAD BRACED. LAYOUT AS INDICATED IN THE DRAWINGS.
 - 30" ADA COMPLIANT TOILET PARTITION DOOR AND HARDWARE.
 - 24" W STANDARD TOILET PARTITION DOOR AND HARDWARE.
 - STAINLESS STEEL URINAL SCREENS: SATIN STAINLESS STEEL FINISH URINAL SCREENS. WALL ANCHORED. LAYOUT AS INDICATED IN THE DRAWINGS.
 - 18" W X 24" H SET 1" X 3" A.F.F. PROVIDE CONTINUOUS SATIN STAINLESS STEEL WALL ANGLES.
 - COAT HOOK/DOOR STOP: BY TOILET PARTITION MANUFACTURER. MATCH PARTITION HARDWARE.
 - WALL STOP: BY TOILET PARTITION MANUFACTURER. MATCH PARTITION HARDWARE.
 - SOAP TOWEL DISPENSER (SURFACE MOUNTED): SATIN STAINLESS STEEL FINISH.
 - SOAP DISPENSER (SURFACE MOUNTED ON WALL): SATIN STAINLESS STEEL FINISH.
 - MIRROR, CHANNEL FRAMED: BOBROCK MIRROR WITH STAINLESS STEEL CHANNEL FRAME R-165 2436. SATIN STAINLESS STEEL FINISH, POLISHED MIRROR GLASS (COATING ON SECOND FACE).
 - TOILET TISSUE DISPENSER (SURFACE MOUNTED): SATIN STAINLESS STEEL FINISH.
 - SANITARY NAPKIN DISPOSAL (SURFACE MOUNTED): SATIN STAINLESS STEEL FINISH.
 - SANITARY NAPKIN DISPENSER (SURFACE MOUNTED): SATIN STAINLESS STEEL FINISH.
 - TOILET GRAB BAR - 36" L, HORIZONTAL: SATIN STAINLESS STEEL FINISH.
 - TOILET GRAB BAR - 42" L, HORIZONTAL: SATIN STAINLESS STEEL FINISH.
 - TOILET GRAB BAR - 18" L, VERTICAL: SATIN STAINLESS STEEL FINISH.
 - STANDARD WALL-HUNG TOILET - SEE PLUMBING DRAWINGS.
 - ADA-COMPLIANT WALL-HUNG TOILET - SEE PLUMBING DRAWINGS.
 - STANDARD WALL-HUNG URINAL - SEE PLUMBING DRAWINGS.
 - ADA-COMPLIANT WALL-HUNG URINAL - SEE PLUMBING DRAWINGS.
 - ADA-COMPLIANT WALL-HUNG URINAL WITH INTEGRAL PIPING SHROUD - SEE PLUMBING DRAWINGS.
 - HI-LO ADA COMPLIANT DRINKING FOUNTAIN.
 - MOP SINK.
 - GRUN FLOOR DRAIN MODEL 24158 OR Z525.
 - MOP SINK UTILITY SHELF: SATIN STAINLESS STEEL FINISH.
 - BABY CHANGING STATION.
 - COMBINATION PAPER TOWEL DISPENSER AND TRASH RECEPTACLE (RECESSED): SATIN STAINLESS STEEL FINISH.
 - ELECTRIC HAND DRYER (SURFACE MOUNTED): EXCEL DRYER INC., XLERATOR HAND DRYER XL-C-1.1N-110-120V. POLISHED CHROME FINISH.
 - TOILET SEAT COVER DISPENSER (SURFACE MOUNTED): SATIN STAINLESS STEEL FINISH.
 - WALL MOUNTED HOOK: SATIN STAINLESS STEEL FINISH.

LEGEND FLOOR PLAN



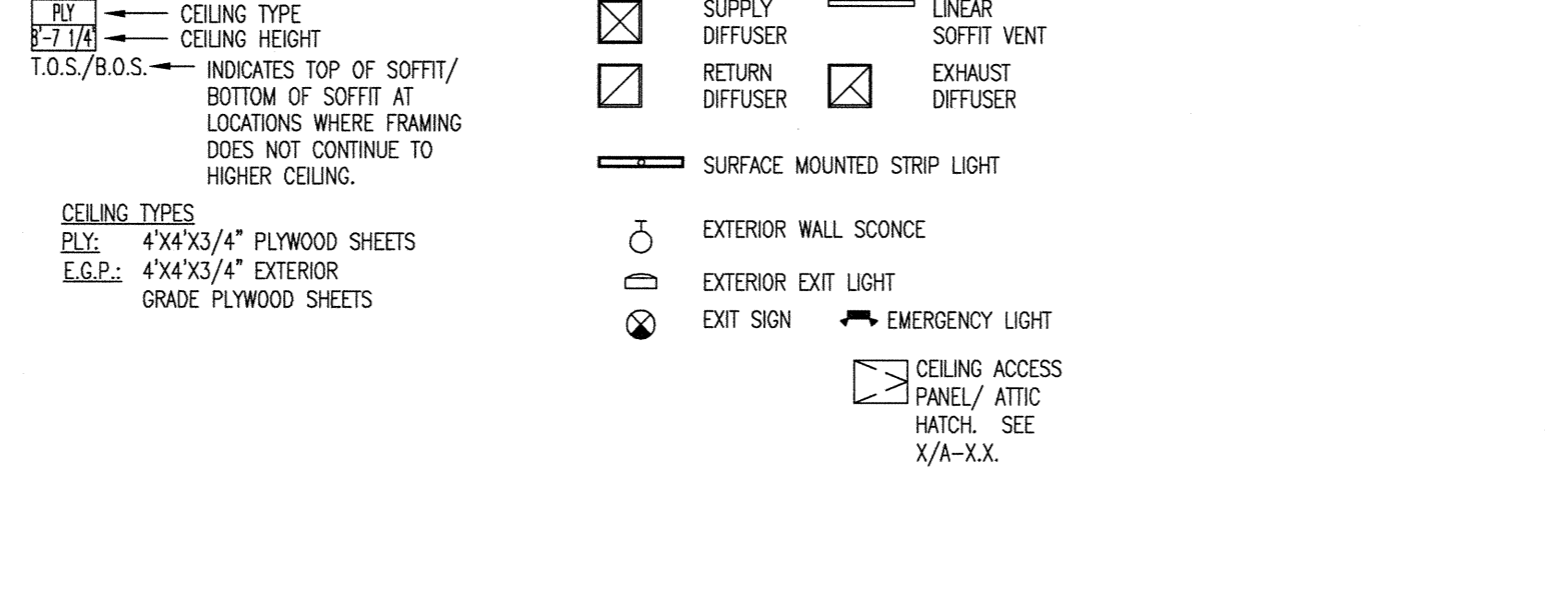
GENERAL SHEET NOTES RCP

- DIMENSIONS ARE TAKEN TO FACE OF STUD OR MASONRY/CONCRETE, UNLESS INDICATED OTHERWISE.
- CONTRACTOR SHALL COORDINATE CEILING HEIGHTS WITH ALL STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING COMPONENTS MOUNTED IN THE CEILING. PRIOR TO THE START OF ALL CEILING WORK, INCLUDING DUCT FABRICATION AND PLUMBING ROUGH-IN, THE CONTRACTOR SHALL PREPARE COORDINATION DRAWINGS FOR REVIEW AND COMMENT. INCLUDE ALL PERTINENT ELEVATION INFORMATION FOR S/M/E/P ITEMS AND ALL CEILING/SOFTFIT HEIGHTS. INDICATE ALL OFFSETS AND TRANSITIONS REQUIRED TO CLEAR STRUCTURAL ELEMENTS. ALL POTENTIAL CONFLICTS WITH CEILING HEIGHTS OR ALIGNMENTS SHALL BE CLOUSED AND NOTED IN THE DOCUMENTS FOR RESOLUTION BY THE ARCHITECT.
- ALL LIGHTS, EMERGENCY SWITCHES, STROBES, DIFFUSERS, ETC. SHALL BE CENTERED. ALL STROBES SHALL BE CEILING MOUNTED.
- ALL FIXTURES, CONDUITS, PIPING, DUCTWORK, ETC. SHALL BE MOUNTED AS HIGH AS POSSIBLE TO ENSURE PROPER CLEARANCES AND CEILING HEIGHTS ARE MAINTAINED. CONTRACTOR SHALL LOCATE ALL CONDUITS AND PIPING AS CLOSE TO THE FLOOR/ROOF DECK ABOVE, TO MAXIMIZE SPACE FOR DUCT INSTALLATION.
- ADDITIONAL DIRECTIONAL EXIT SIGNS MAY BE REQUIRED. CONTRACTOR TO VERIFY QUANTITIES AND LOCATIONS WITH THE LOCAL AUTHORITY HAVING JURISDICTION.
- SEE ELECTRICAL DRAWINGS FOR ALL LIGHT FIXTURE TYPES AND MODELS. SEE MECHANICAL DRAWINGS FOR ALL DIFFUSER TYPES AND SIZES.

KEYNOTES RCP

- OPEN STRUCTURE ABOVE.
- 24x30 CEILING ACCESS PANEL - SEE X/A-X-X.
- PROVIDE R-30 BATT INSULATION AT CEILING.

LEGEND RCP



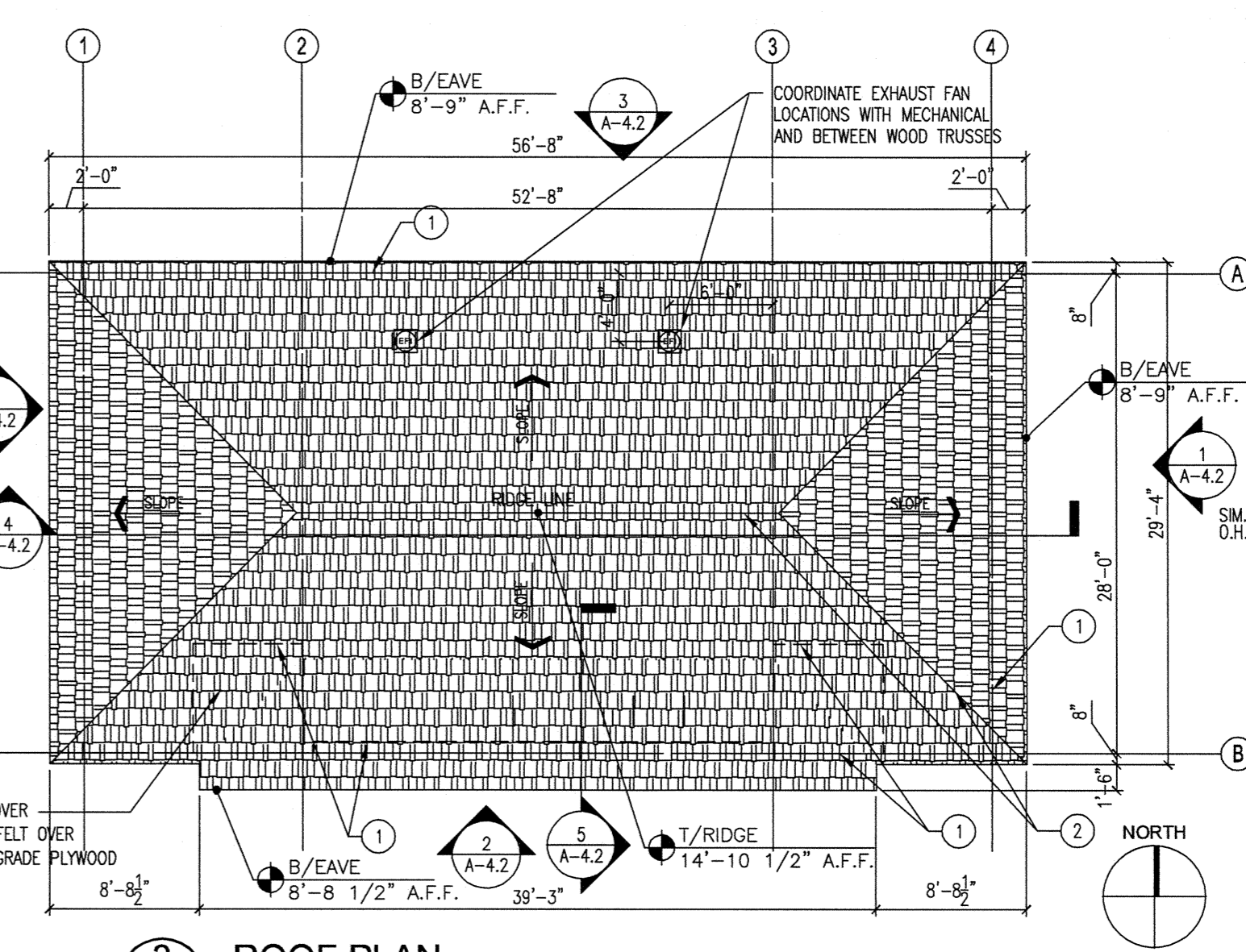
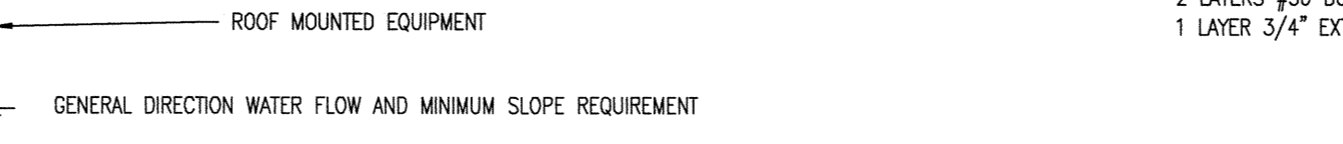
GENERAL SHEET NOTES

- DIMENSIONS ARE TAKEN TO FACE OF STUD OR MASONRY/CONCRETE, UNLESS INDICATED OTHERWISE.
- ALL HEIGHTS SHOWN ARE FROM FIRST FLOOR FINISH SLAB ELEVATION.
- CONTRACTOR SHALL CONFIRM ALL AREAS ARE PROVIDED WITH POSITIVE DRAINAGE PRIOR TO FRAMING AND SHEATHING THE ROOF.
- ALL ROOF EQUIPMENT AND PENETRATIONS SHALL BE PROVIDED WITH STRUCTURAL SUPPORT. SEE STRUCTURAL DRAWINGS FOR FRAMING INFORMATION AND LOCATIONS.
- VERIFY LOCATIONS OF ALL VENTS AND ROOF PENETRATIONS WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
- VERIFY LOCATIONS OF ALL MECHANICAL EQUIPMENT WITH STRUCTURAL DRAWINGS. THE INTENT IS FOR THE EQUIPMENT TO ALIGN WITH STRUCTURAL JOIST/PURLIN.
- NO EQUIPMENT SHALL BE LOCATED WITHIN 10'-0" OF THE EDGE OF THE ROOF. THIS INCLUDES, BUT IS NOT LIMITED TO, RTUs, EXHAUST FANS, CONDENSING UNITS, AND VENTS.
- THE MECHANICAL CONTRACTOR SHALL COORDINATE INSTALLATION AND ACCEPTANCE OF PREFABRICATED CURBS AND PENETRATIONS WITH THE ROOFING CONTRACTOR AND THE G.C. IN ORDER TO PROVIDE ALL NECESSARY BLOCKING, MALLING, FLASHING, ETC. AS REQUIRED FOR A WATER-TIGHT INSTALLATION.
- THE GENERAL CONTRACTOR, AND ANY ROOFING SUBCONTRACTOR WORKING UNDER THE GENERAL CONTRACTOR, SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE WARRANTED WATER-TIGHT ROOFING SYSTEM. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, SEAMWORK BRACKS, VAPOR BARRIERS, MALLERS AND BLOCKING, ROOF INSULATION, TAPERED OVERBUILD INSULATION, TAPERED OVERBUILD CROCKETS, ROOF MEMBRANE, WALL FLASHING, TERMINATIONS AND FLASHING, ETC. AS REQUIRED FOR PROVIDING A COMPLETE WARRANTED, WATER-TIGHT ROOFING SYSTEM.
- ALL ROOFING SLOPES SHALL HAVE A MINIMUM 1/4" PER FOOT SLOPE. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BID. NO CHANGE ORDERS SHALL BE ACCEPTED FOR ADDITIONAL ROOFING MATERIAL REQUIRED TO CREATE THE SLOPES.

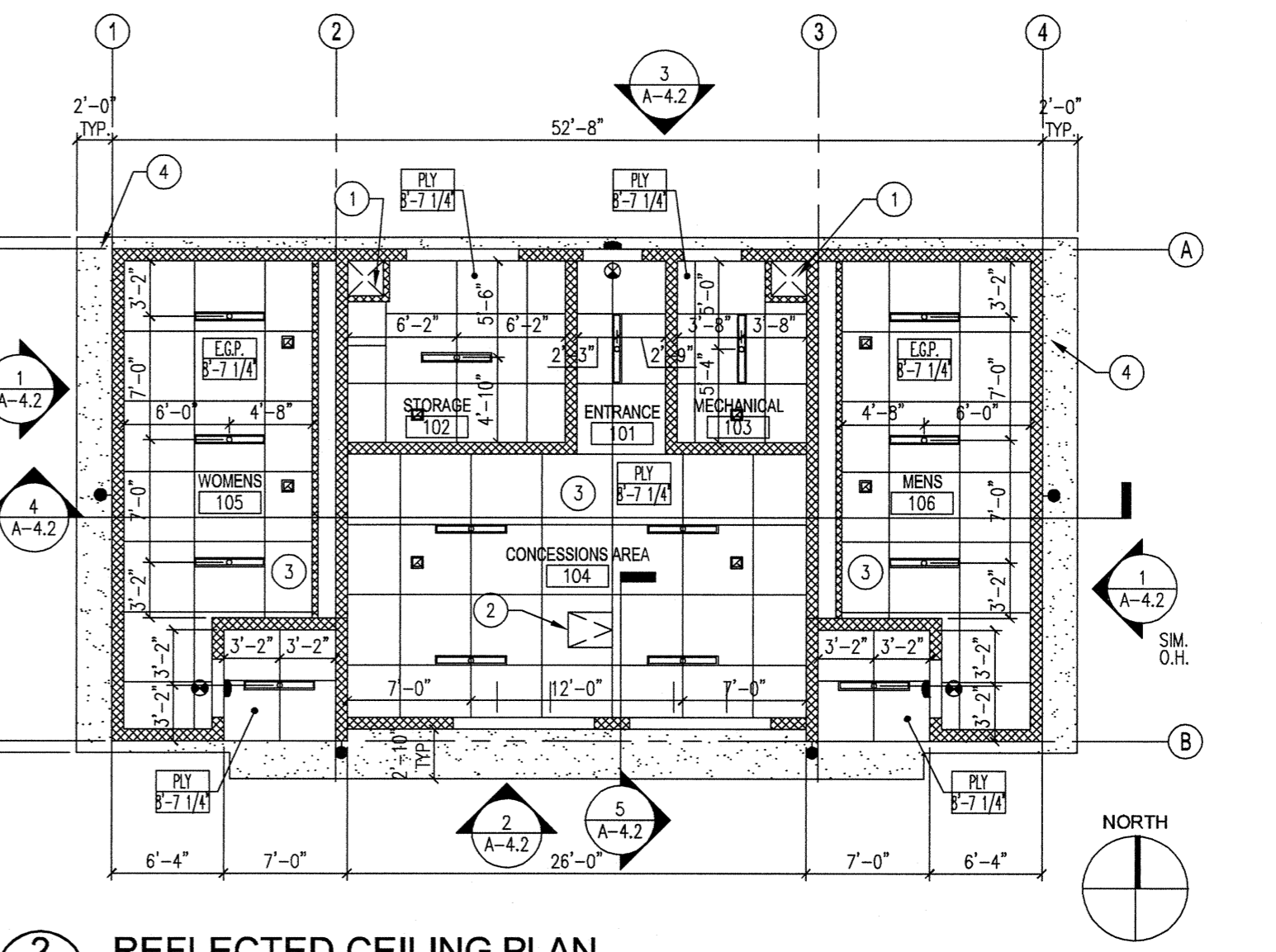
KEYNOTES ROOF PLAN

- DASHED LINE INDICATES FACE OF WALL BELOW.

LEGEND ROOF PLAN

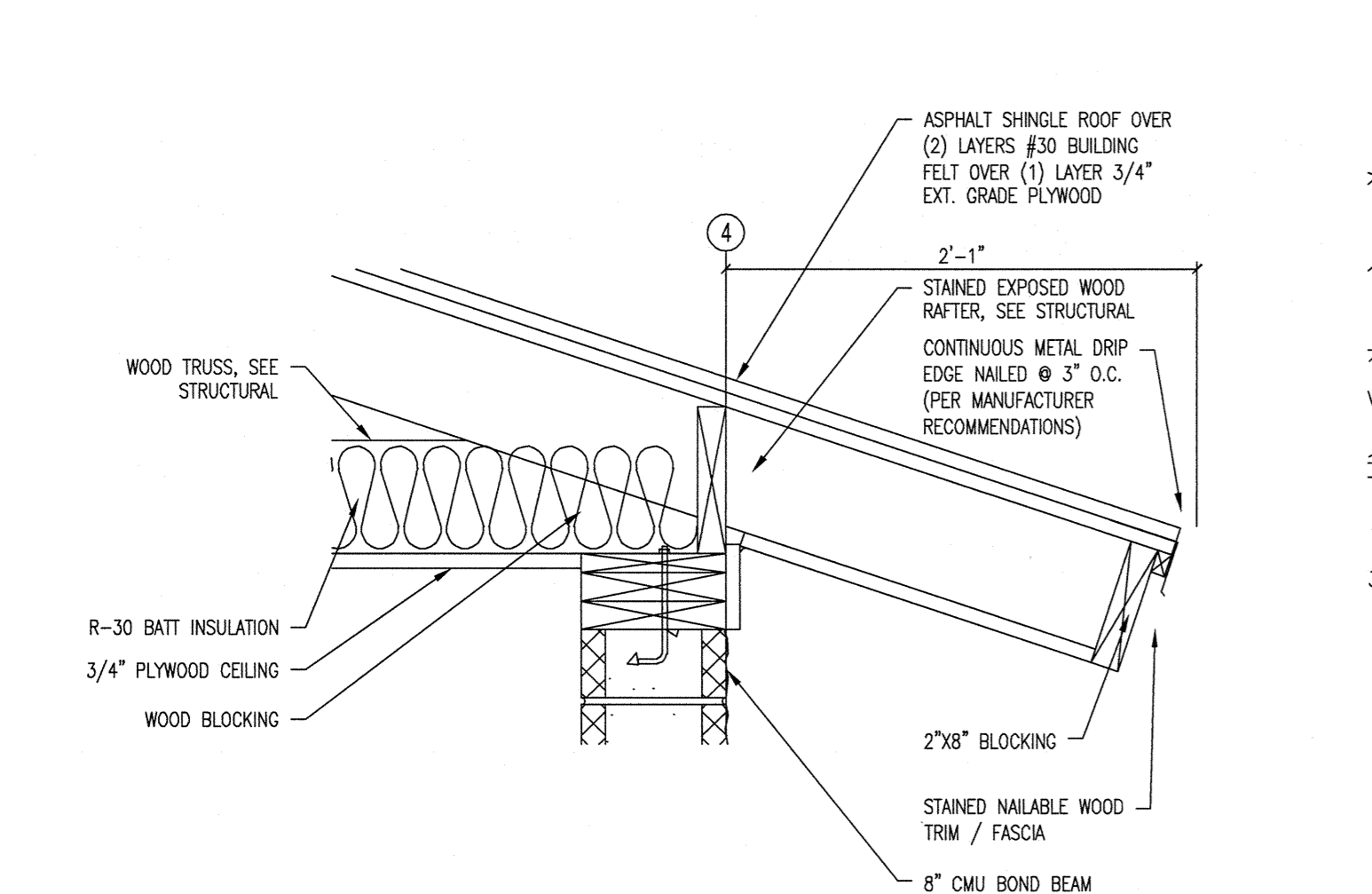


3 ROOF PLAN
1/8"=1'-0"

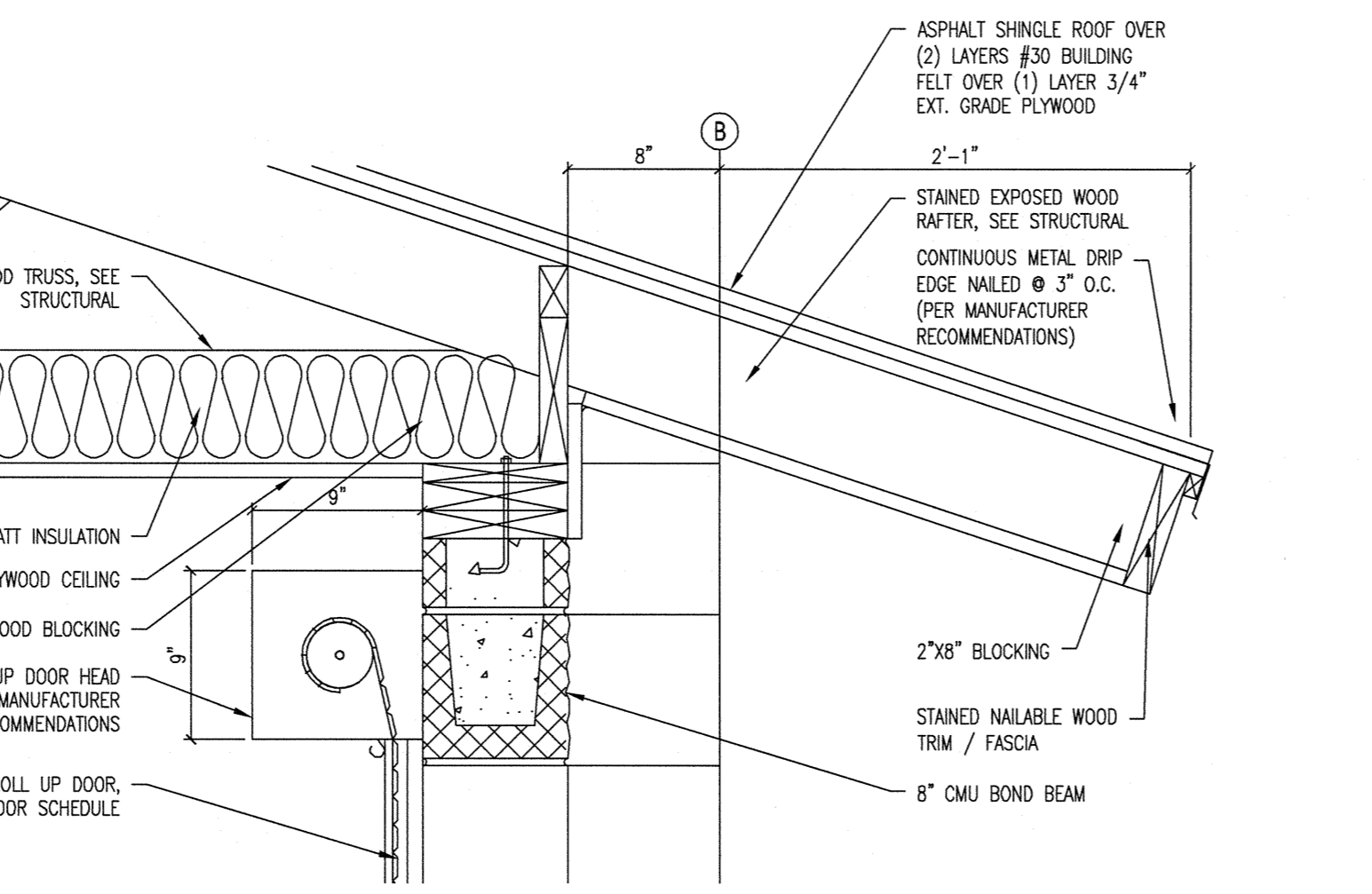


2 REFLECTED CEILING PLAN
1/8"=1'-0"

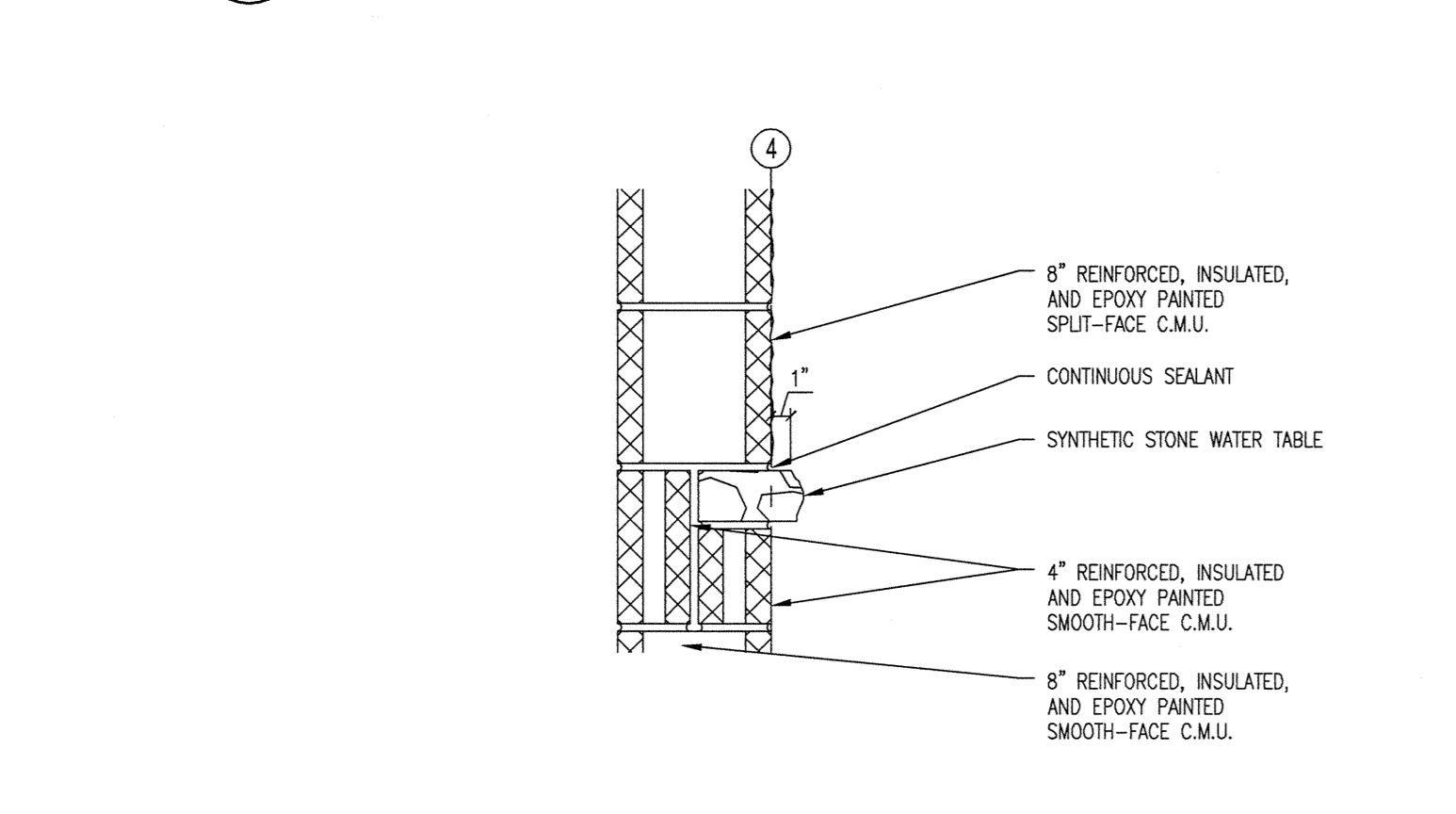
8 RESTROOM SIGNAGE



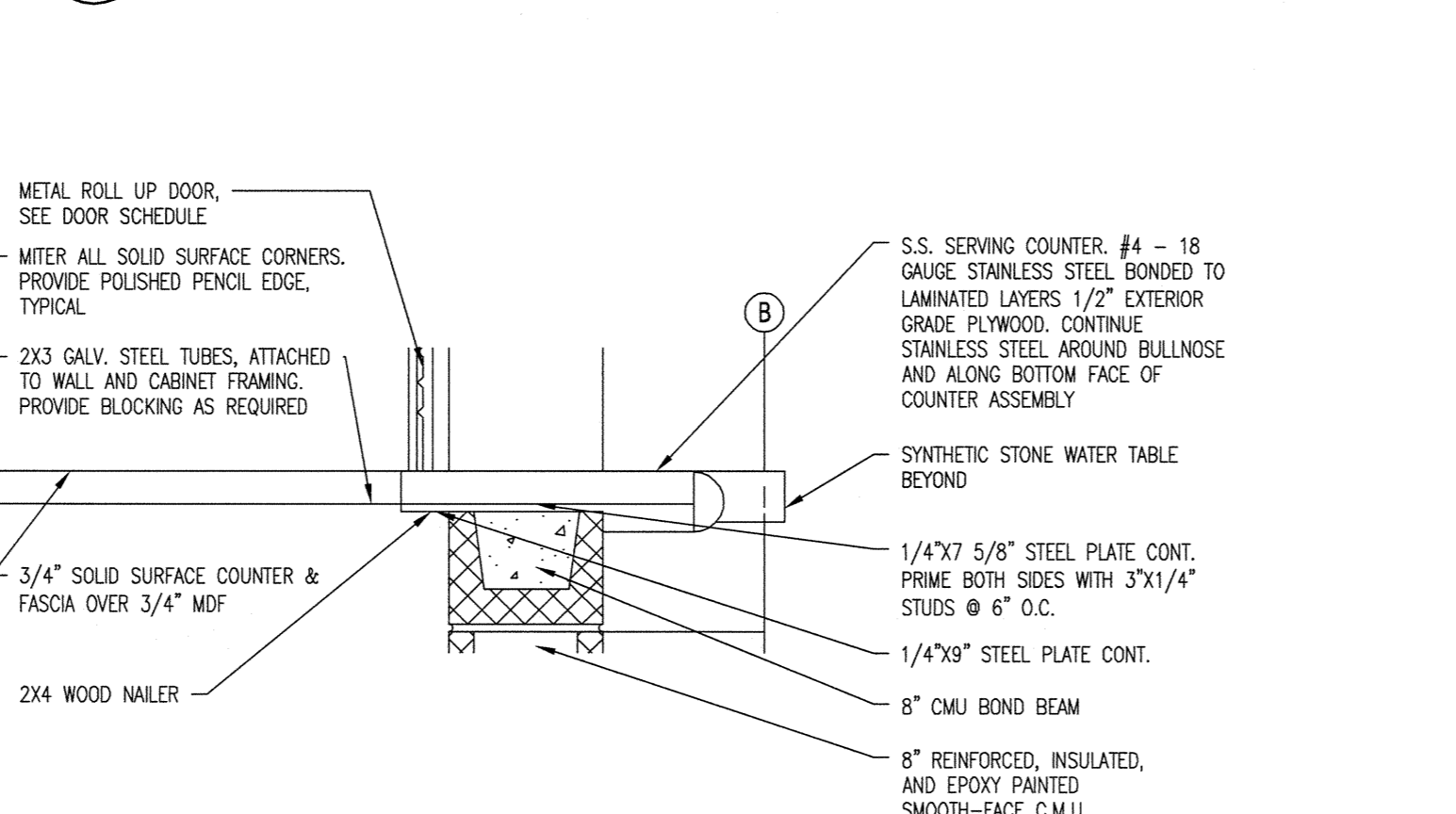
7 OVERHANG DETAIL
1/12"=1'-0"



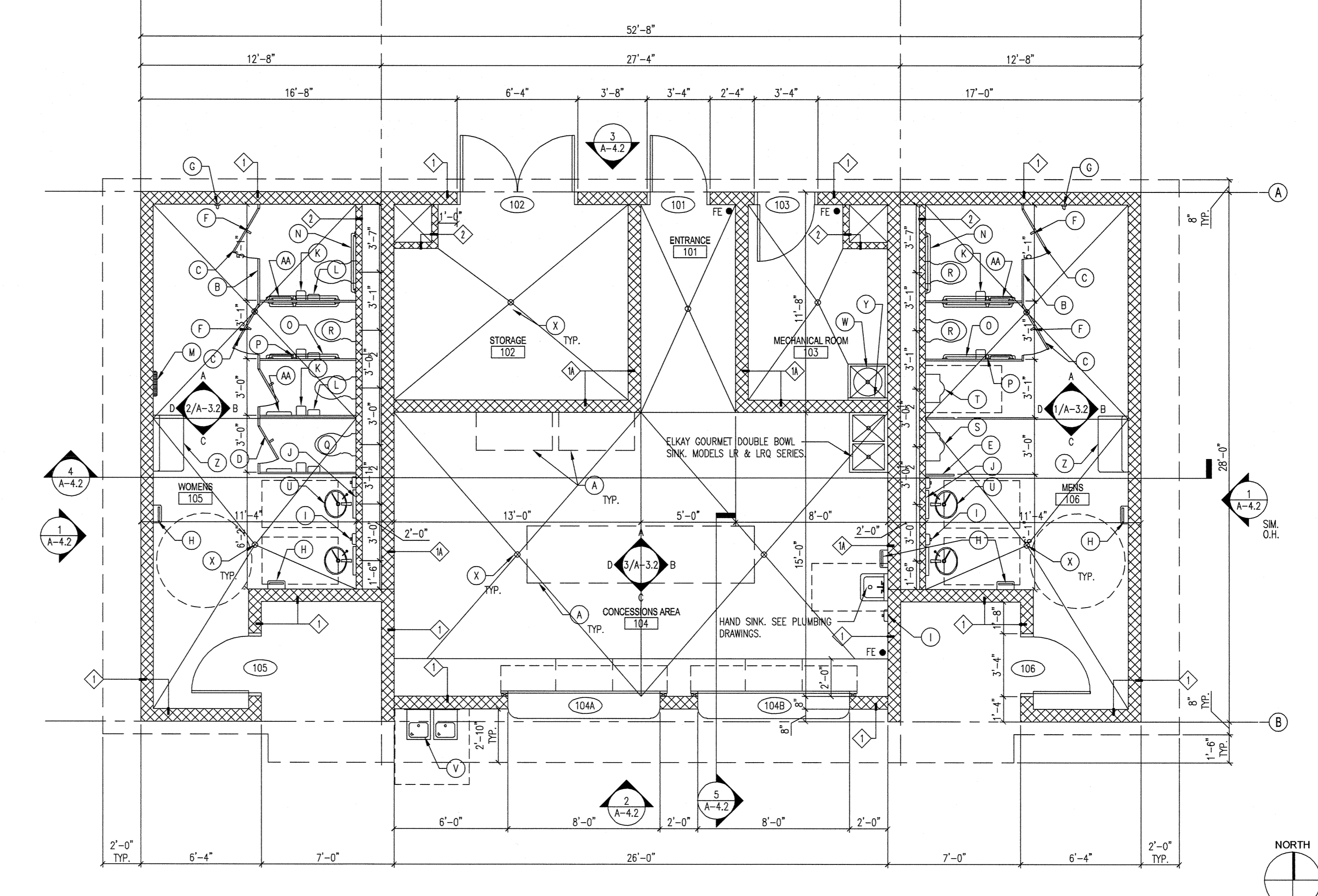
5 ROLL UP DOOR HEAD
1/12"=1'-0"



6 MASONRY WATER TABLE
1/12"=1'-0"



4 ROLL UP DOOR SILL
1/12"=1'-0"



1 FIRST FLOOR PLAN - SKATE PARK / CONCESSIONS
1/4"=1'-0"



MACOMB-BIBB COUNTY
RECREATION DEPARTMENT
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Contact: Mr. Reggie Moore, Director

FREEDOM PARK PAVILLION PACKAGE



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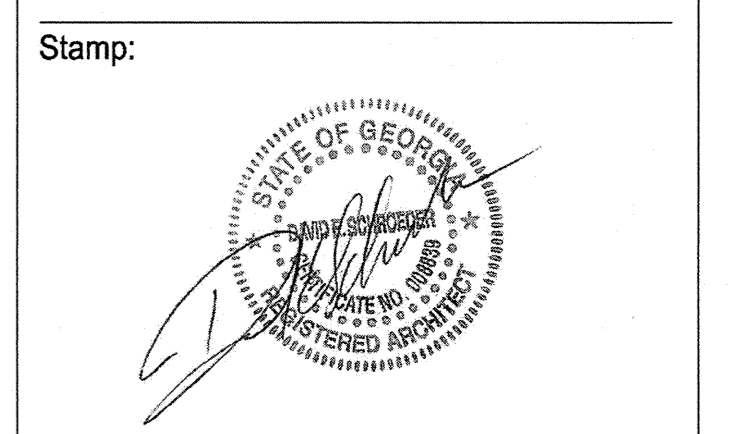
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Project Name:
FREEDOM PARK CONCESSIONS BLDG
115 WILLIE SMOKIE GLOVER DRIVE
MACON, GEORGIA 31201

Project Number: 170502
Drawn By: BL CK'd By: KC
Date: 02/26/2016 Scale: AS SHOWN

Rev.	Description:	Date:

Sheet Title:
FLOOR PLAN, REFLECTED CEILING PLAN, ROOF PLAN, AND FINISH SCHEDULE

Sheet Number:

A-2.1

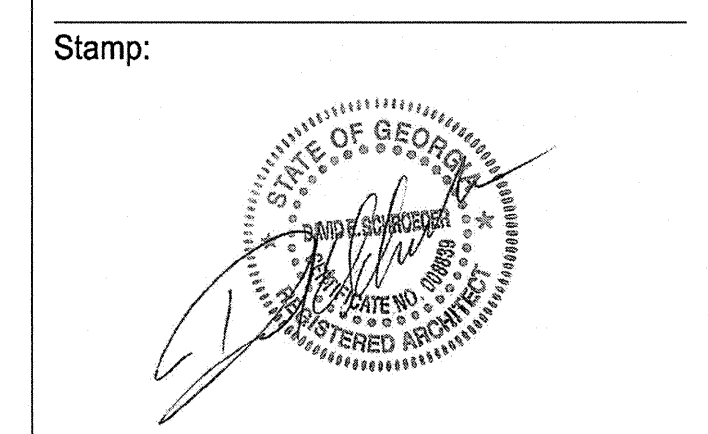


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 RECREATION DEPARTMENT
 MACON-BIBB COUNTY
 RECREATION DEPARTMENT
 115 Willie Smokie Glover Drive
 Macon, Georgia 31201
 Contact: Mr. Reggie Moore, Director

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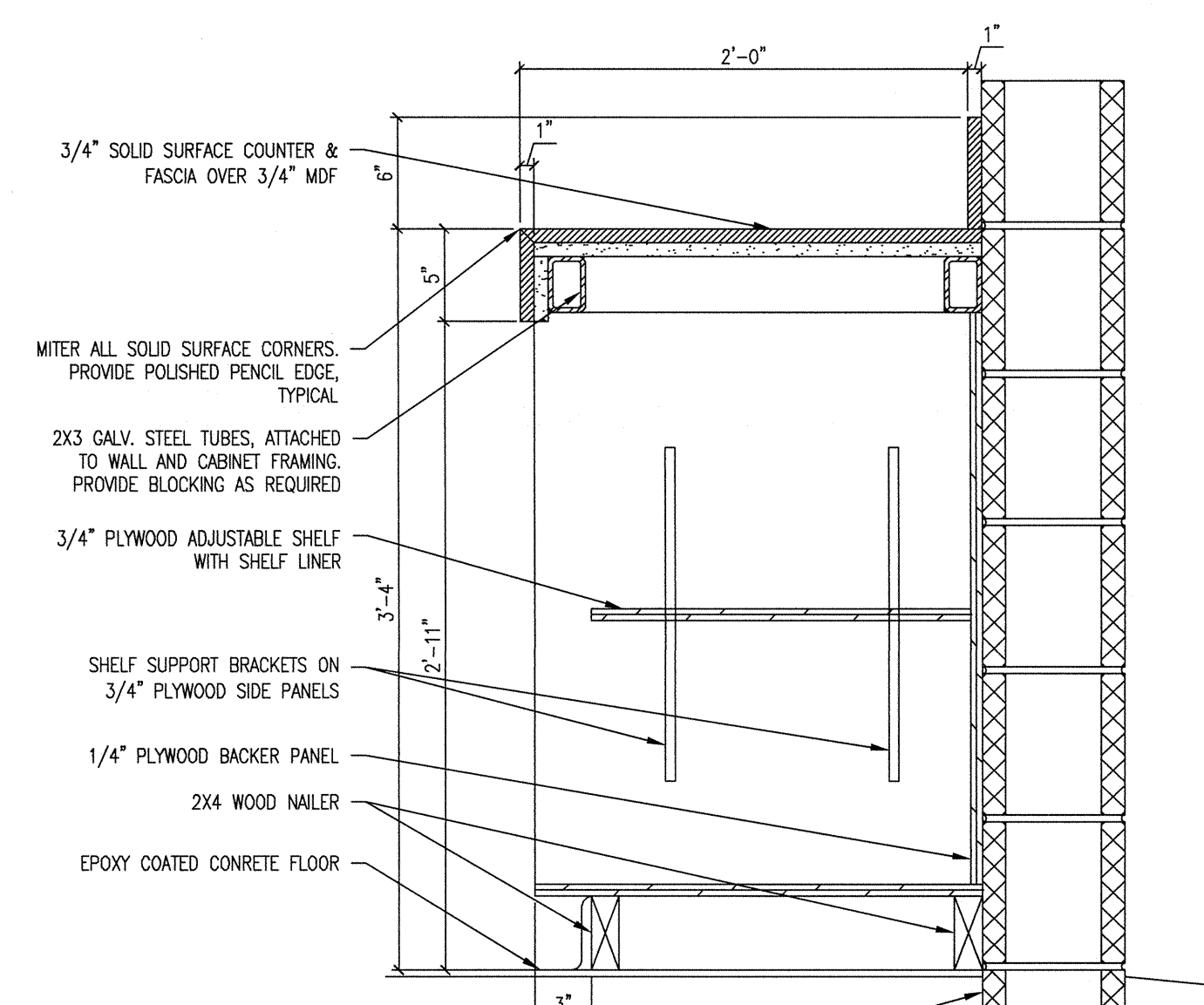


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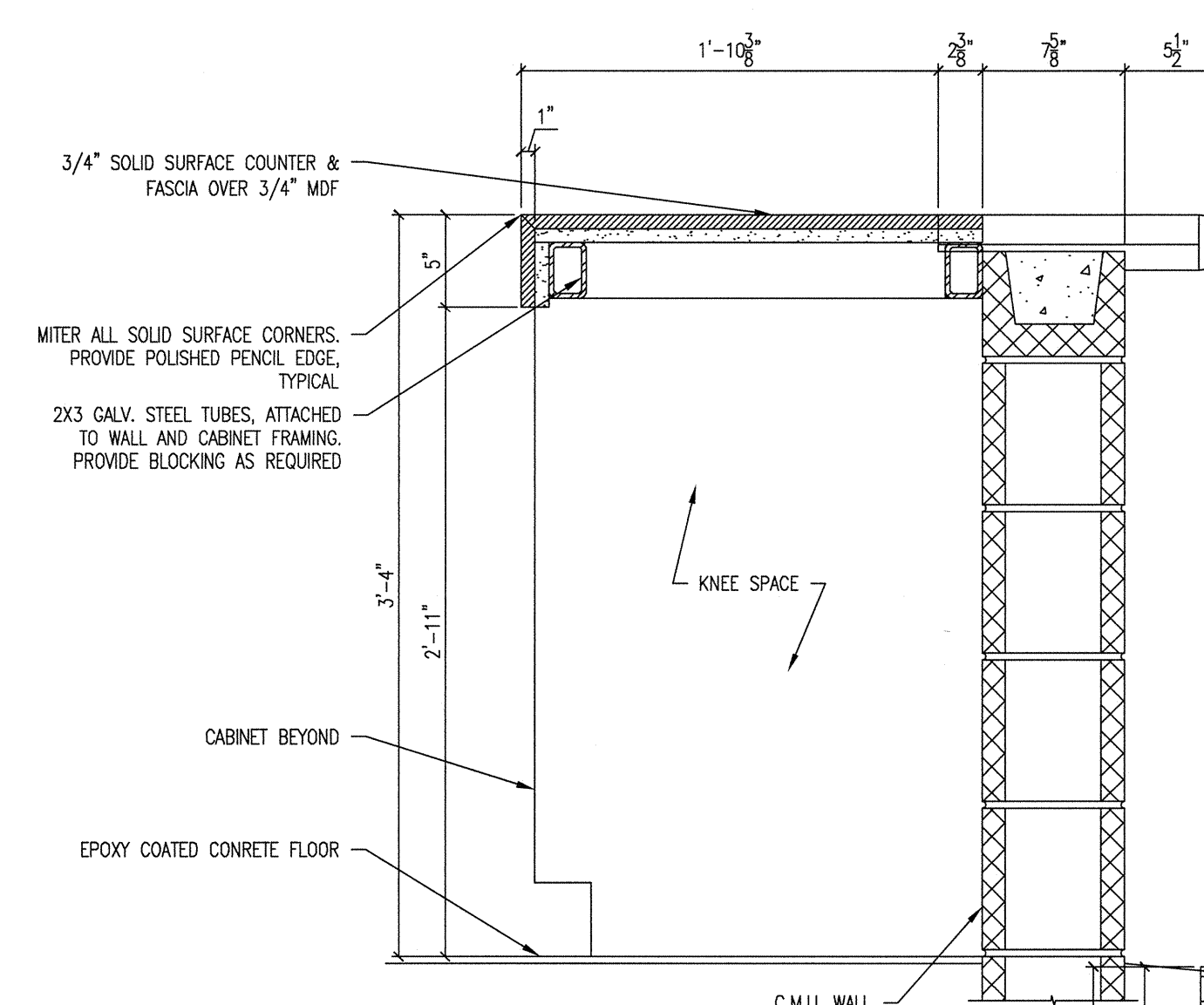
Rev.	Description:	Date:

Sheet Title:
 INTERIOR ELEVATIONS, WALL TYPES, AND MILLWORK DETAILS

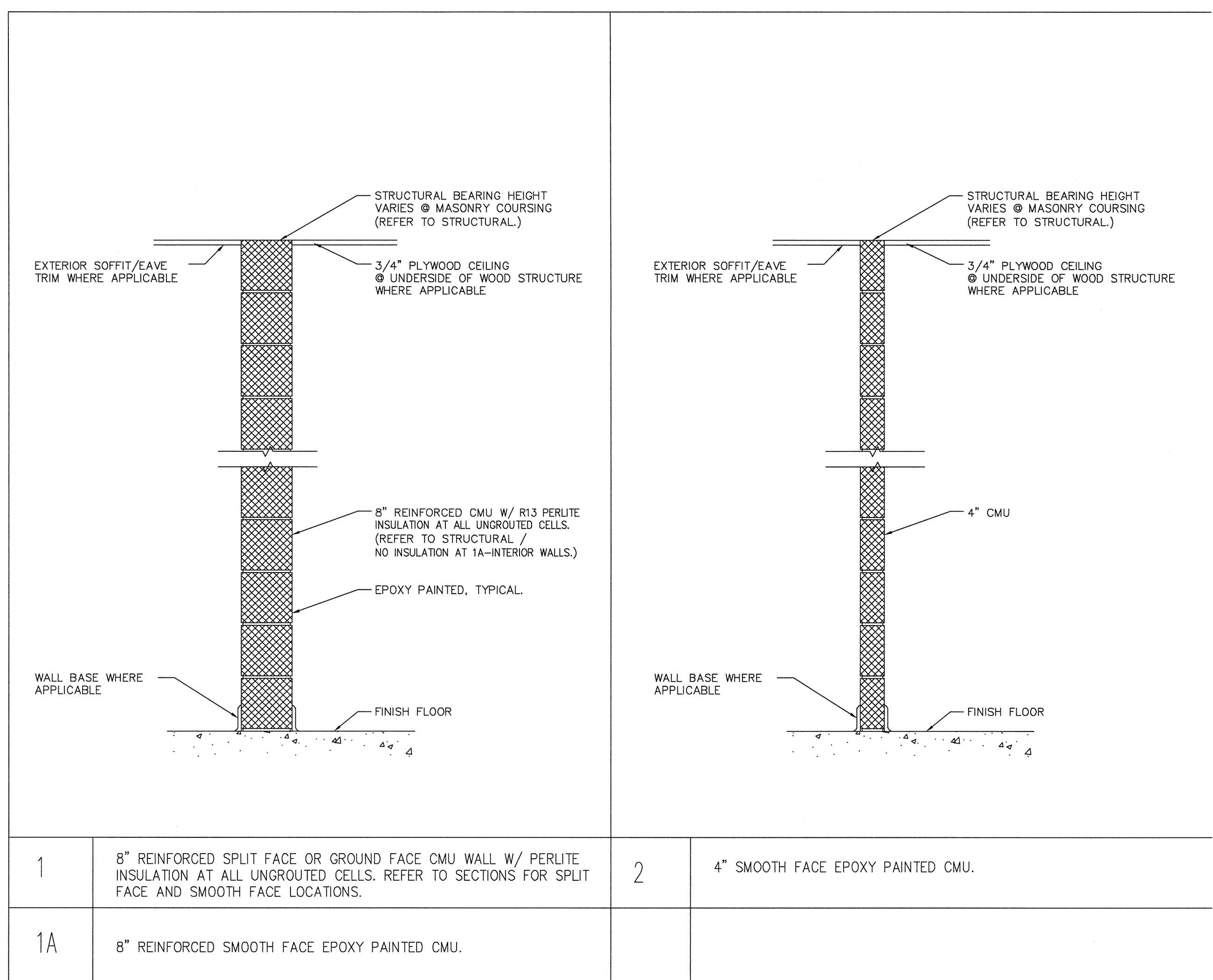
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A-3.1



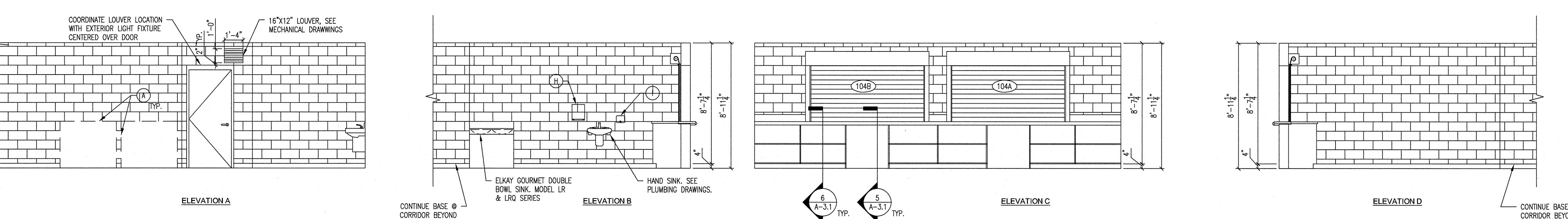
6 CABINET AT CONCESSIONS
 A-3.1 1/12"=1'-0"



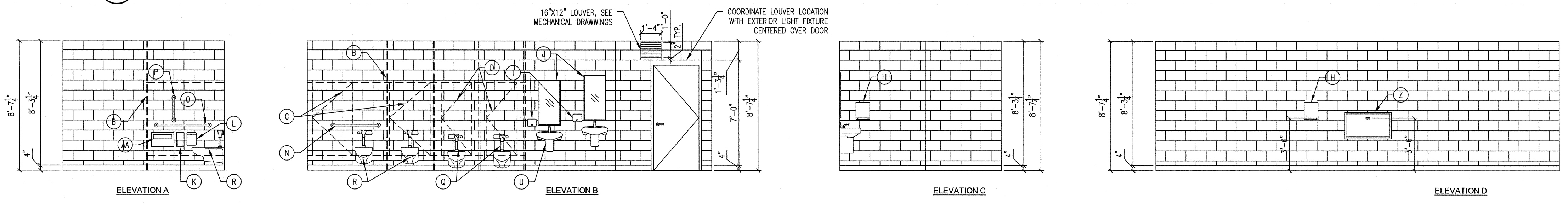
5 COUNTER AT CONCESSIONS
 A-3.1 1/12"=1'-0"



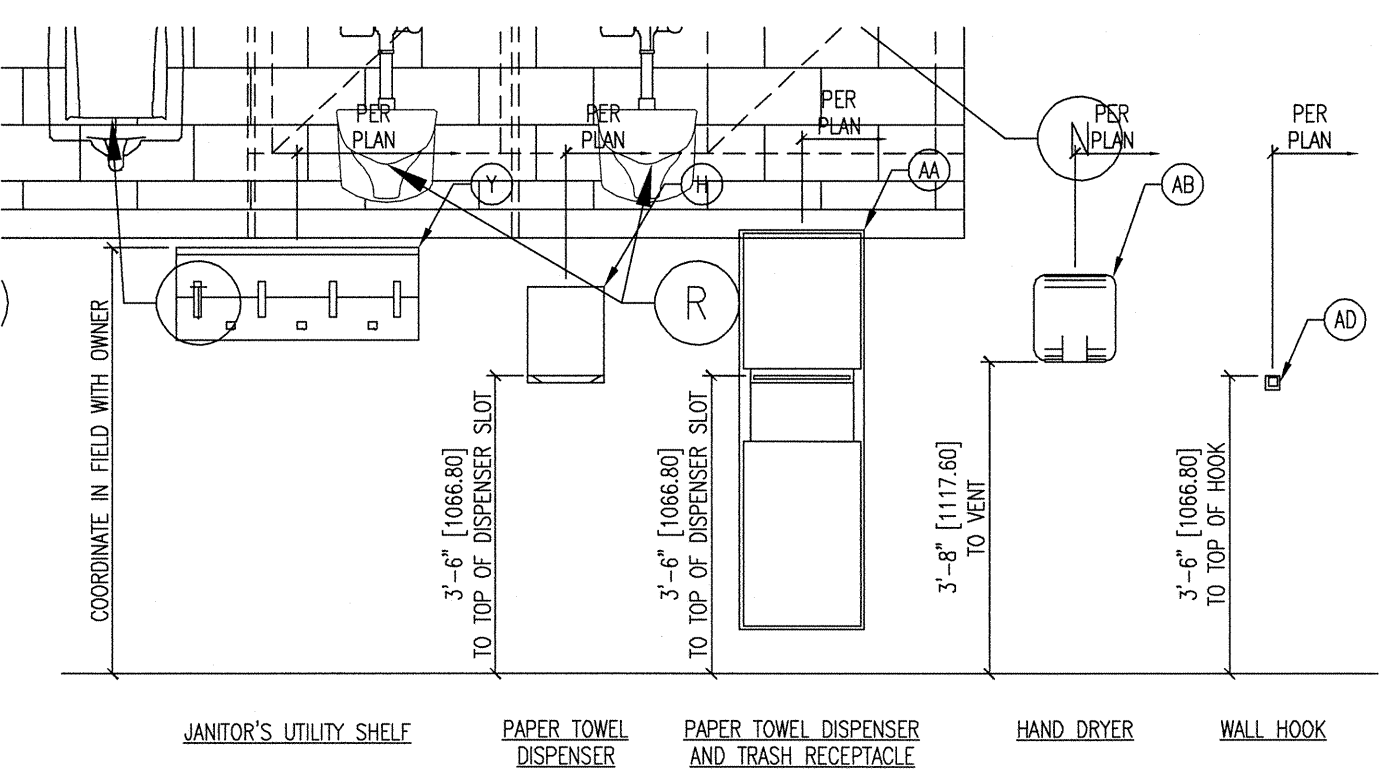
1	8" REINFORCED SPLIT FACE OR GROUND FACE CMU WALL W/ PERLITE INSULATION AT ALL UNGROUTED CELLS. REFER TO SECTIONS FOR SPLIT FACE AND SMOOTH FACE LOCATIONS.	2	4" SMOOTH FACE EPOXY PAINTED CMU.
1A	8" REINFORCED SMOOTH FACE EPOXY PAINTED CMU.		



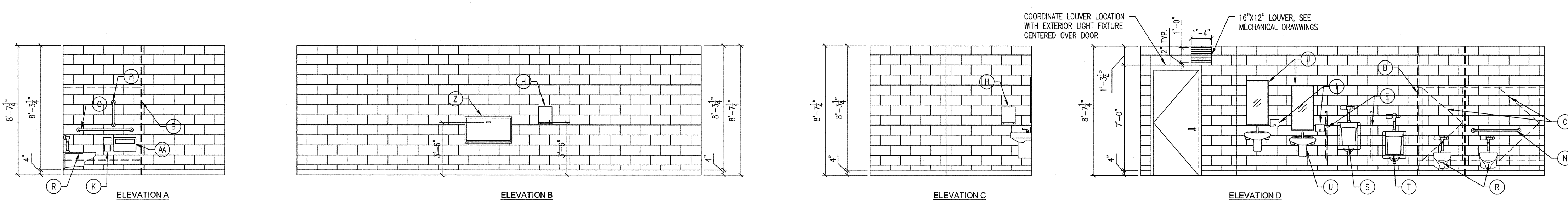
3 CONCESSIONS AREA 104 - ELEVATIONS (CONCESSIONS)
 A-3.1 1/4"=1'-0"



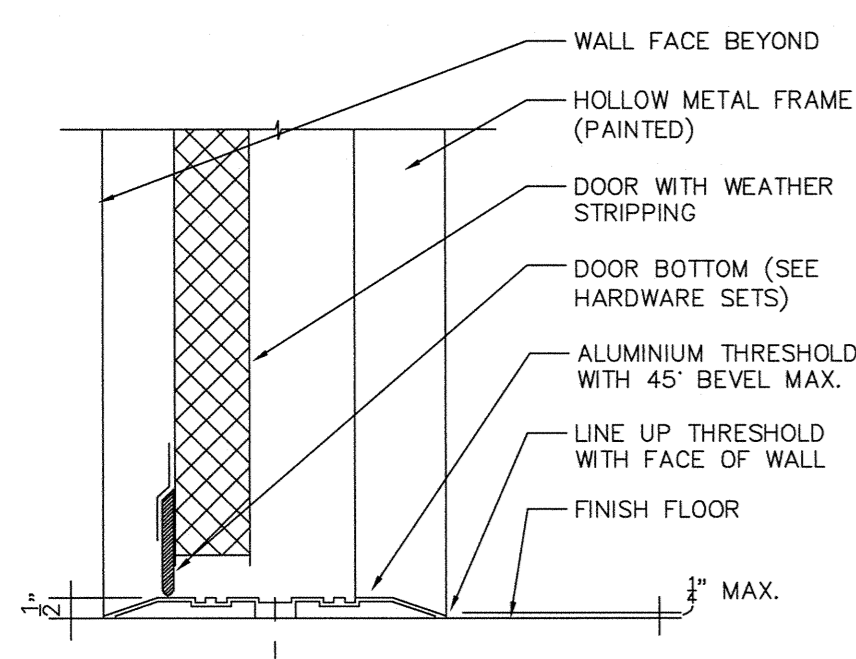
2 WOMENS 105 - ELEVATIONS (CONCESSIONS)
 A-3.1 1/4"=1'-0"



MISCELLANEOUS ACCESSORIES

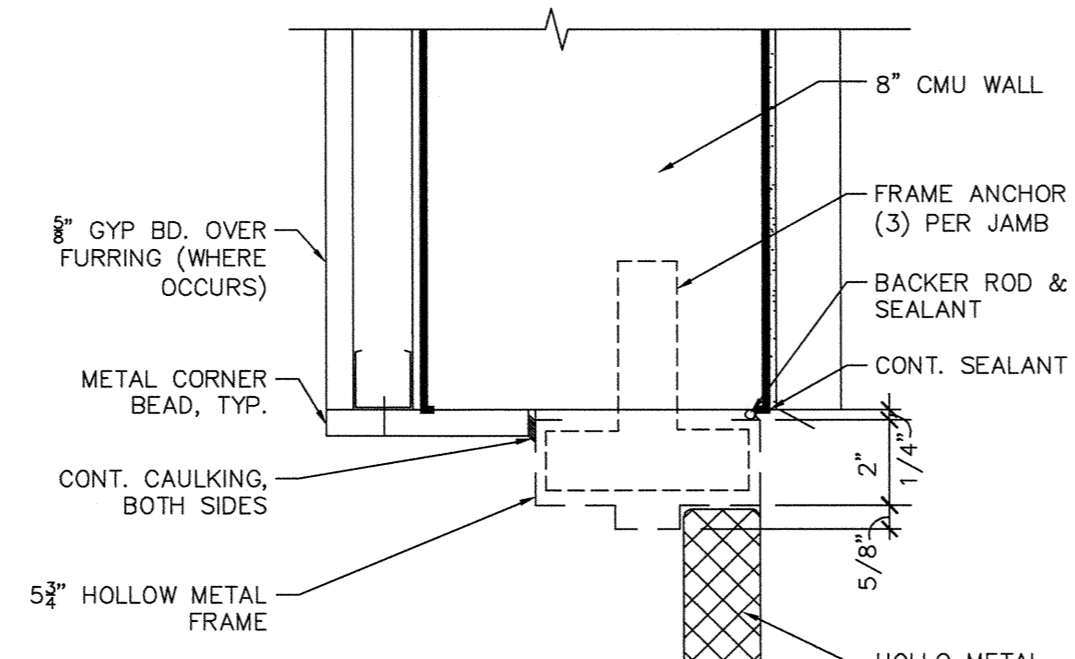


1 MENS 106 - ELEVATIONS (SKATE PARK / CONCESSIONS)
 A-3.1 1/4"=1'-0"



12 DOOR THRESHOLD DETAIL
A-4.1 3/4"=1'-0"

10 NOT USED
A-4.1 3/4"=1'-0"



8 EXT. HOLLOW MTL. JAMB
A-4.1 3/4"=1'-0"

DOOR SCHEDULE - SKATE

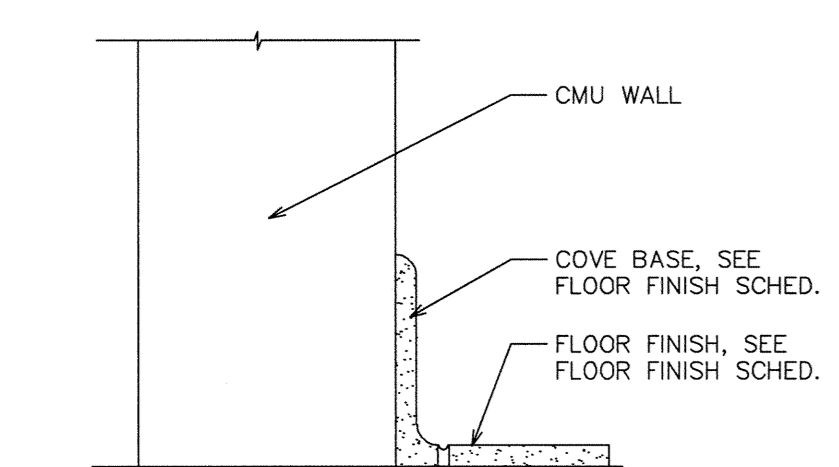
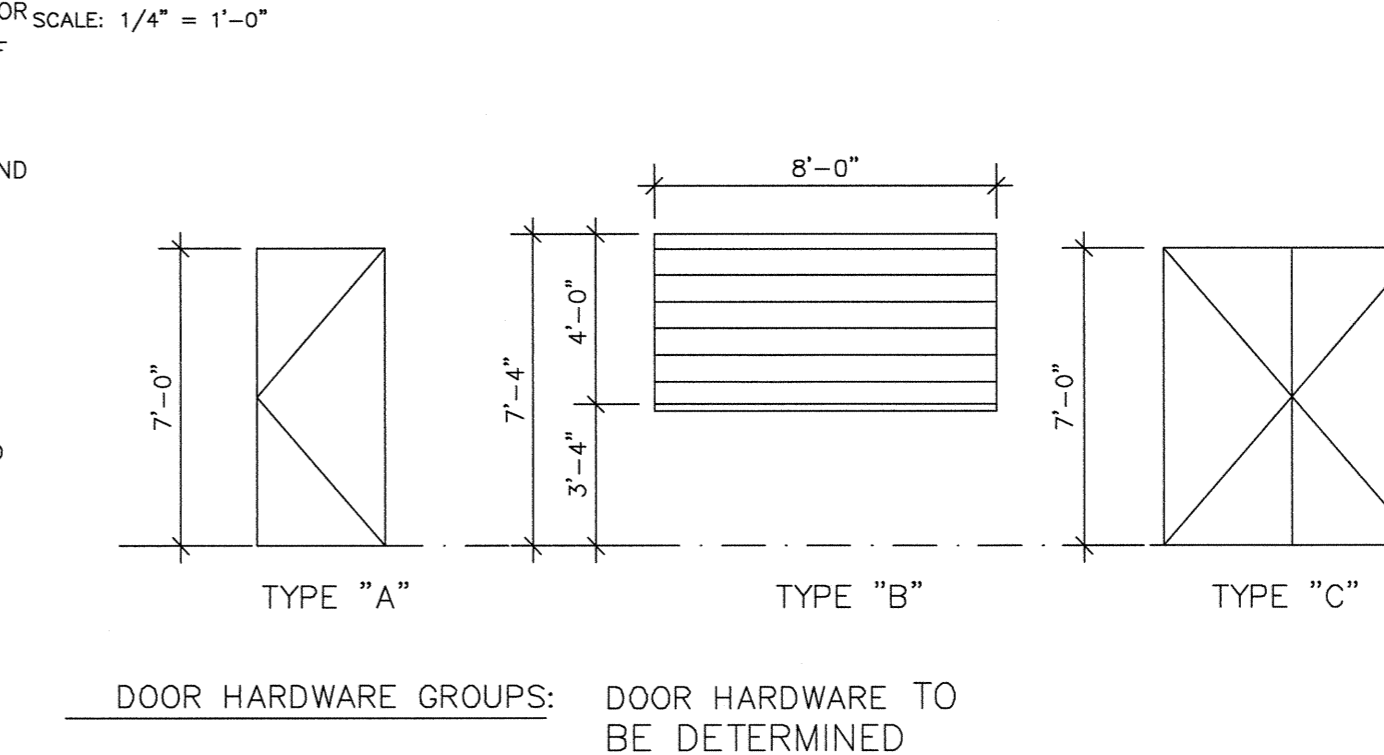
DR. NO.	RM. NO.	WIDTH	HEIGHT	THK	TYPE	MATERIAL	FINISH	LITE SIZE	DETAILS				FRAME		THRESH	HDW	REMARKS	DR. NO.
									LABEL	HEAD	JAMB	SILL	MATERIAL	FINISH				
FIRST FLOOR																		
101	101	3'-0"	7'-0"	1 3/4"	A	HOLLOW METAL	PANT	-	N/A	7/A-4.1	8/A-4.1	12/A-4.1	HOLLOW METAL	PANT	ALUM.	1	PROVIDE DOOR CLOSER	101
102	102	3'-0"	7'-0"	1 3/4"	A	HOLLOW METAL	PANT	-	N/A	7/A-4.1	8/A-4.1	12/A-4.1	HOLLOW METAL	PANT	ALUM.	2	PROVIDE DOOR CLOSER	102
103	103	3'-0"	7'-0"	1 3/4"	C	HOLLOW METAL	PANT	-	-	7/A-4.1	8/A-4.1	12/A-4.1	HOLLOW METAL	PANT	ALUM.	2	PROVIDE DOOR CLOSER	103
104	104	8'-0"	4'-0"	-	B	ROLL UP GARAGE DOOR	-	-	-	7/A-4.1	8/A-4.1	12/A-4.1	-	-	ALUM.	6	PROVIDE DOOR LOCK	104
105	105	3'-0"	7'-0"	1 3/4"	A	HOLLOW METAL	PANT	-	-	7/A-4.1	8/A-4.1	12/A-4.1	HOLLOW METAL	PANT	ALUM.	3	PROVIDE DOOR CLOSER	105
106	106	3'-0"	7'-0"	1 3/4"	A	HOLLOW METAL	PANT	-	-	7/A-4.1	8/A-4.1	12/A-4.1	HOLLOW METAL	PANT	ALUM.	3	PROVIDE DOOR CLOSER	106

NOTE: PROVIDE DOOR SIGNAGE FOR ALL NON-PUBLIC DOORS

GENERAL DOOR NOTES

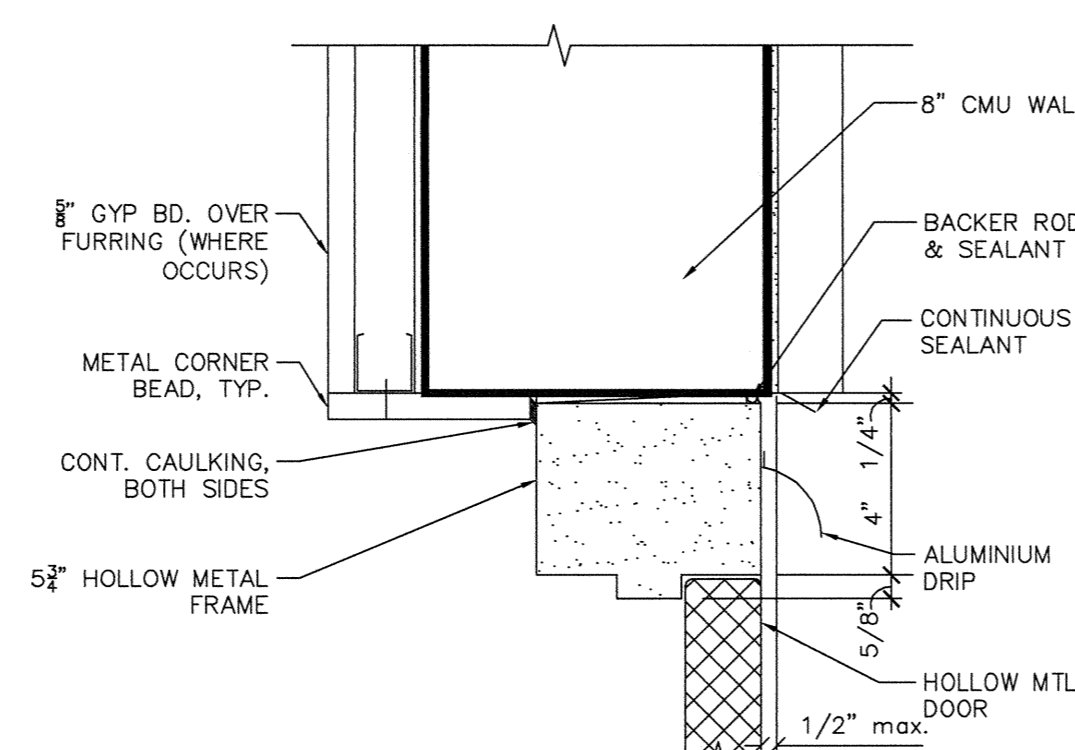
- DOOR HARDWARE SHALL BE OF THE LEVER TYPE, MOUNTED 30 INCHES TO 40 INCHES ABOVE THE FLOOR. THE DOOR SCALE: 1/4" = 1'-0"
- DOORS INCLUDING EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE, OR EFFORT. ALL EXIT DOORS EXCEPT AT MAIN ENTRY TO BUILDING EXTERIOR SHALL BE PROVIDED WITH "SLIMLINE" PANIC HARDWARE AND CLOSER AND ALARM.
- HARDWARE SCHEDULE SHALL BE PREPARED AND SUBMITTED FOR REVIEW AND APPROVAL.
- PROVIDE ASTRAGALS AT ACTIVE EXTERIOR DOOR LEAFS & WEATHERSTRIPPING AT EXTERIOR DOORS HEAD, JAMB AND SILL.
- ILLUMINATED "EXIT" SIGNS TO HAVE A MINIMUM OF 6" HIGH "RED" LETTERS.
- PROVIDE POSITIVE KEY-LOCKING CYLINDERS AND CYLINDER GUARDS ON ALL MORTISE OR RIM TYPE CYLINDER ON FACE OF DOOR OR IS OTHERWISE ACCESSIBLE TO GRIPPING TOOLS.
- ALL PIN TYPE HINGES WHICH ARE ACCESSIBLE FROM THE OUTSIDE WHEN THE DOOR IS CLOSED SHALL HAVE NON REMOVABLE HINGE PINS.
- PROVIDE LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
- EXIT DOORS SHALL SWING IN THE DIRECTION OF EXIT TRAVEL WHEN SERVING ANY HAZARDOUS AREA OR WHEN SERVING AN OCCUPANT LOAD OF 50 OR MORE. ALL EXTERIOR DOORS TO HAVE EXIT DEVICES (PANIC HARDWARE).
- ALL DOORS INCLUDING EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE, OR EFFORT. ALL EXIT DOORS EXCEPT AT MAIN ENTRY TO BUILDING EXTERIOR SHALL BE PROVIDED WITH "SLIMLINE" PANIC HARDWARE AND CLOSER AND ALARM.
- HARDWARE SCHEDULE SHALL BE PREPARED AND SUBMITTED FOR REVIEW AND APPROVAL.

DOOR TYPES

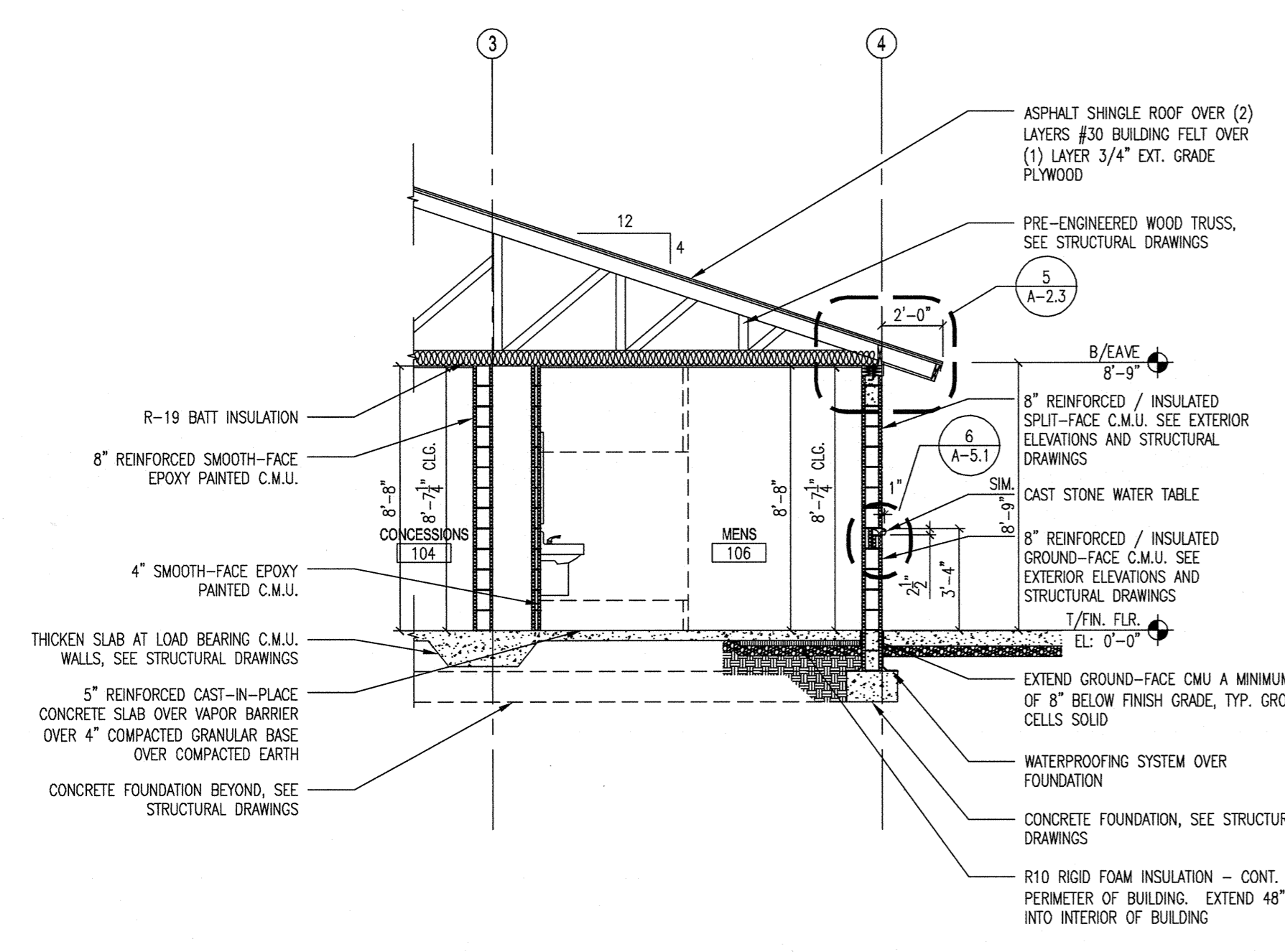


11 COVE BASE TILE DETAIL
A-4.1 3/4"=1'-0"

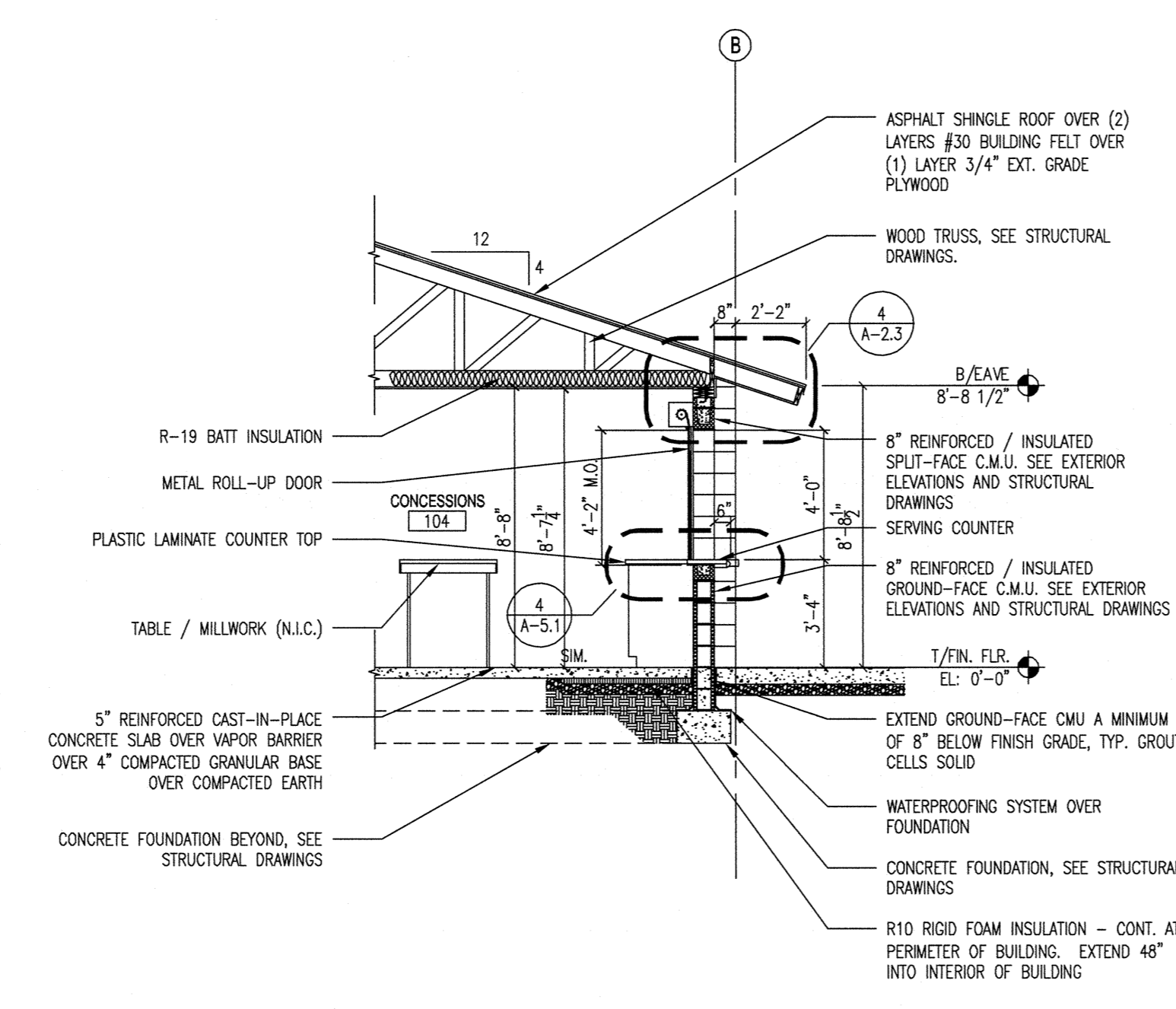
9 NOT USED
A-4.1 3/4"=1'-0"



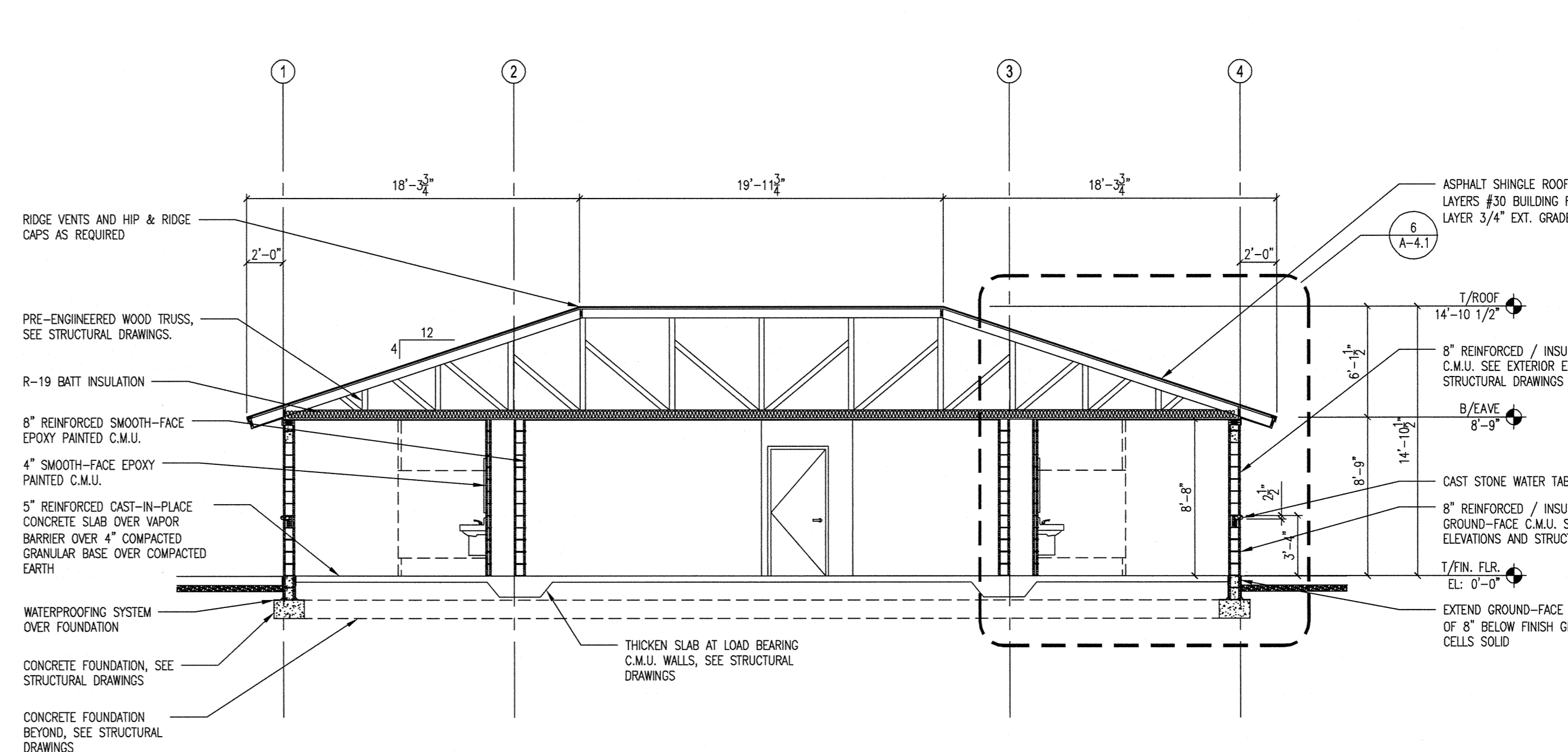
7 EXT. HOLLOW MTL. HEAD
A-4.1 3/4"=1'-0"



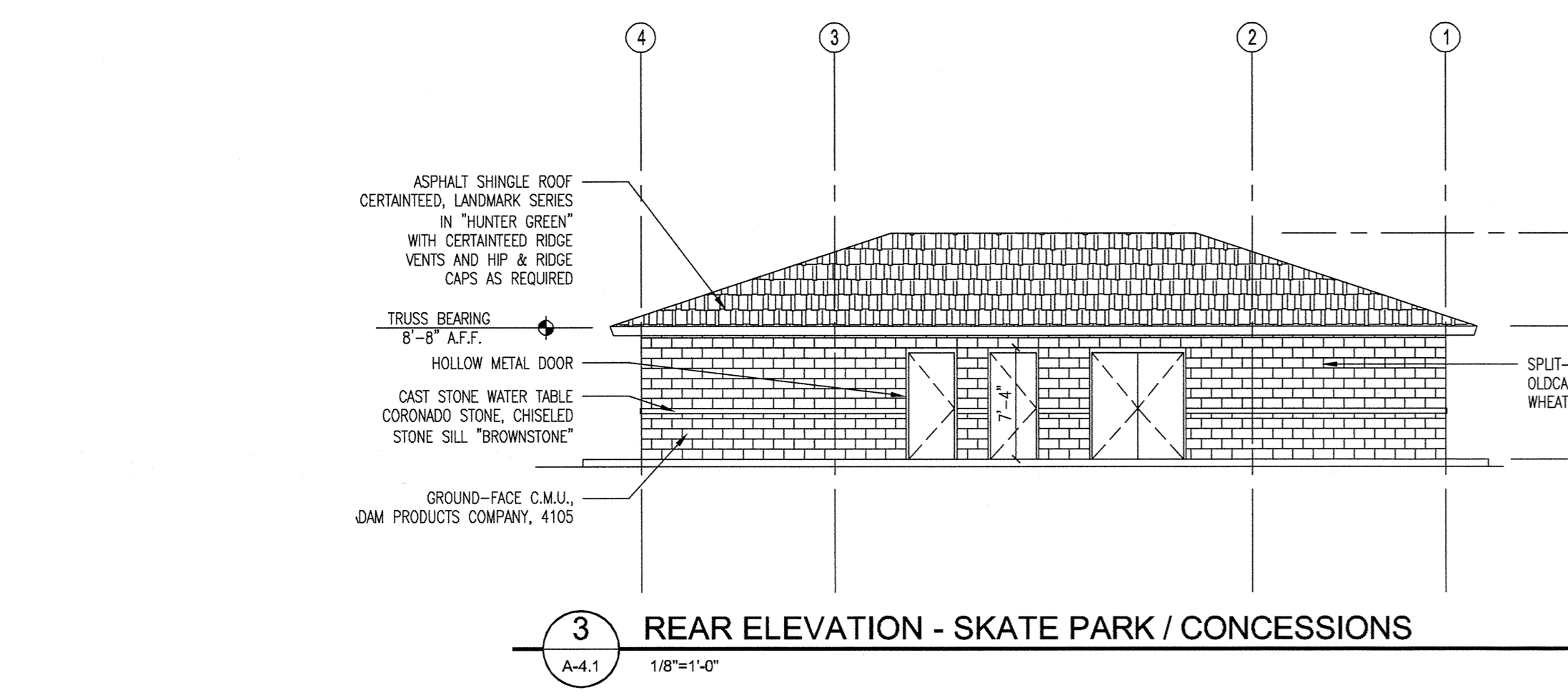
6 WALL SECTION - SKATE PARK / CONCESSIONS
A-4.1 1/4"=1'-0"



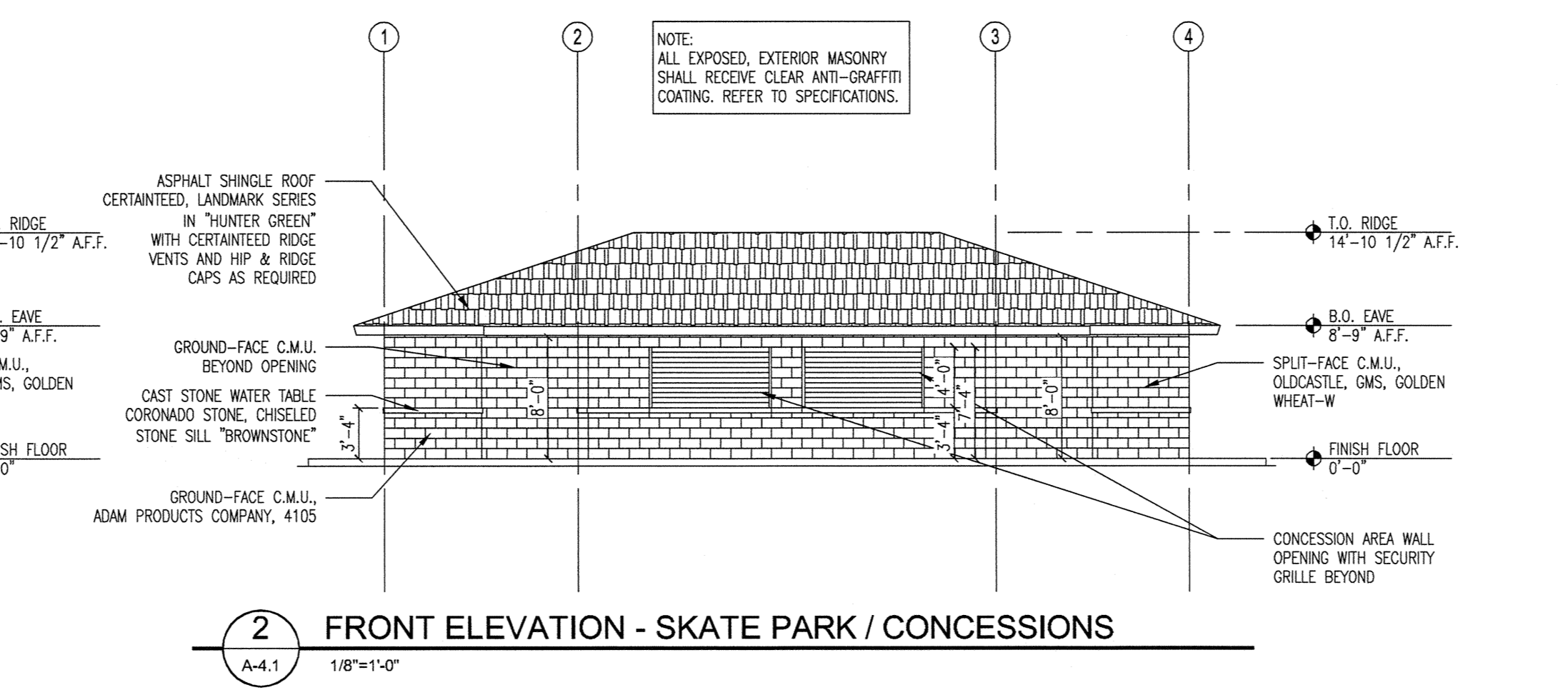
5 WALL SECTION - SKATE PARK / CONCESSIONS
A-4.1 1/4"=1'-0"



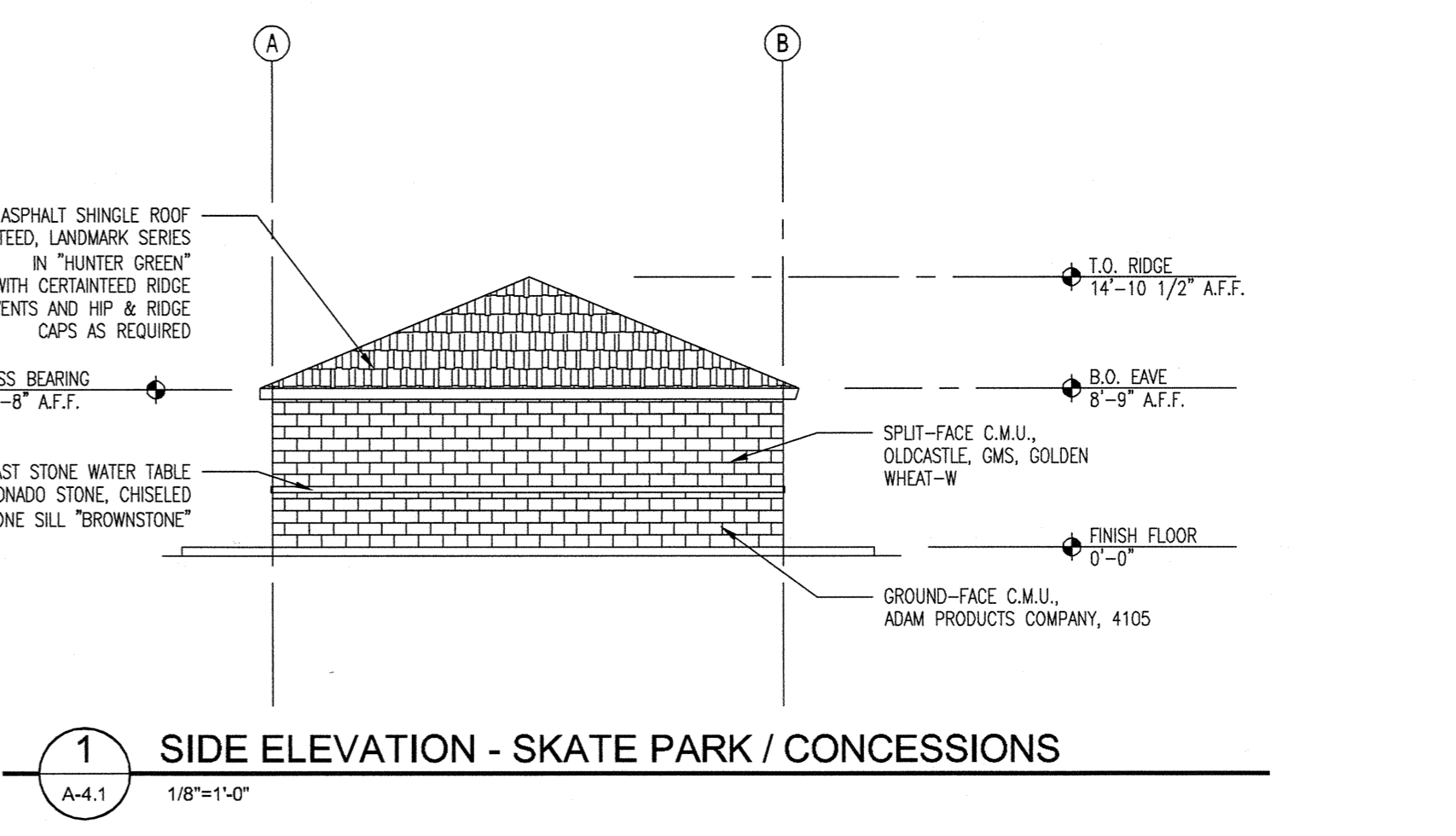
4 BUILDING SECTION - SKATE PARK / CONCESSIONS
A-4.1 3/16"=1'-0"



3 REAR ELEVATION - SKATE PARK / CONCESSIONS
A-4.1 1/8"=1'-0"



2 FRONT ELEVATION - SKATE PARK / CONCESSIONS
A-4.1 1/8"=1'-0"



1 SIDE ELEVATION - SKATE PARK / CONCESSIONS
A-4.1 1/8"=1'-0"



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Contact: Mr. Reggie Moore, Director

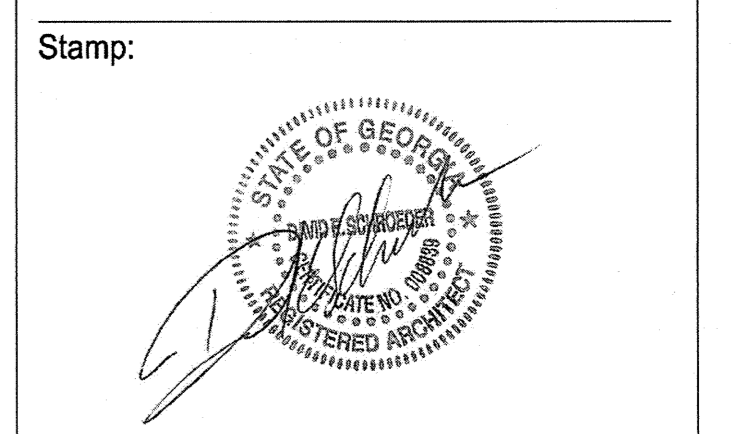
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115 WILLIE SMOKIE GLOVER DRIVE
MACON, GEORGIA 31201
Project Number: 170502
Drawn By: BL CK'd By: KC
Date: 02/26/2016 Scale: AS SHOWN

Rev:	Description:	Date:

Sheet Title:
EXTERIOR ELEVATIONS,
BUILDING SECTION, WALL
SECTIONS, DOOR SCHEDULE,
AND DETAILS

Sheet Number:

A-4.1

GENERAL NOTES

- LIVE LOADS**
A. ROOF (L_L)..... 20 PSF
B. FLOORS..... 100 PSF
- DESIGN WIND LOADS**
A. BASIC WIND SPEED (V_w)..... 115 MPH
B. NOMINAL WIND SPEED (V_m)..... 89 MPH
C. RISK CATEGORY..... II
D. WIND EXPOSURE CATEGORY "C"
E. INTERNAL PRESSURE COEFFICIENT..... "GC" = ±0.18
F. COMPONENTS & CLADDING DESIGN WIND PRESSURES:

ZONE	A=10	A=20	A=50	A=100
WALLS				
CORNER (S)	+31	+30	+28	+26
OTHER (S)	+31	+30	+28	+26
CORNER (E)	+19	+18	+15	+14
OTHER (E)	+19	+18	+15	+14
ROOF (4/12)				
EDGE (2)	+19	+18	+15	+14
OTHER (1)	+19	+18	+15	+14

ALL PRESSURES ARE INTENDED TO BE APPLIED AND INTERPRETED IN STRICT ACCORDANCE WITH ASCE 7-10.

2. **SEISMIC DESIGN**
A. SEISMIC IMPORTANCE FACTOR..... I = 1.00
B. MAPPED SPECTRAL RESPONSE ACCELERATIONS.....
S_e = 0.160
S₁ = 0.082
C. SITE CLASS "D" ASSUMED
D. SPECTRAL RESPONSE COEFFICIENTS..... S_w = 0.171
S_u = 0.132
E. SEISMIC DESIGN CATEGORY "B"
F. BASIC LATERAL FORCE RESISTING SYSTEM: ORDINARY REINF. MASONRY SHEAR WALLS & STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE.
G. DESIGN BASE SHEAR
BASEBALL/CONCESSIONS..... 11 KIPS
OPEN PAVILIONS..... 1.5 KIPS
SKATE PARK/CONCESSIONS..... 7 KIPS
RESTROOMS..... 5 KIPS
H. SEISMIC RESPONSE COEFFICIENT..... C_s = 0.085
I. RESPONSE MODIFICATION FACTOR..... R = 2
J. ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE PROCEDURE FOR SEISMIC DESIGN OF BUILDINGS

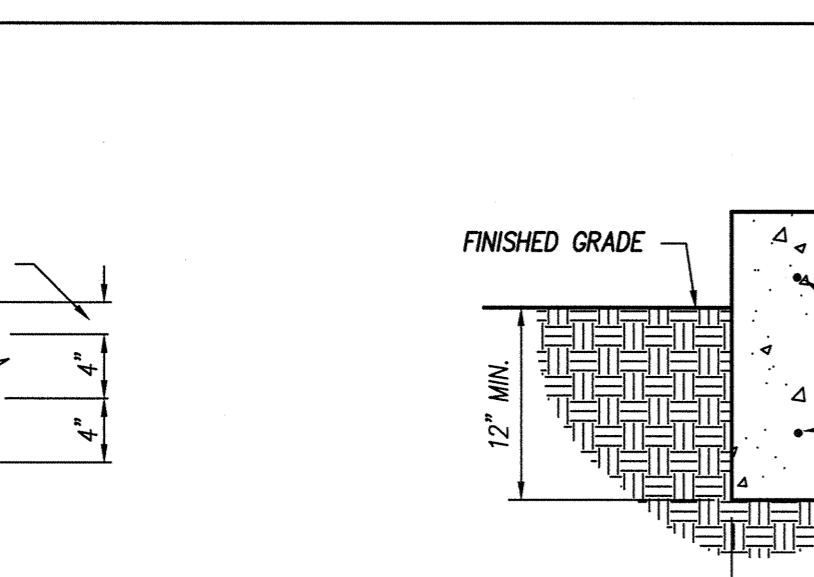
- SNOW LOADS**
A. GROUND SNOW LOAD..... "ps" = 5 PSF
- CODES**
A. INTERNATIONAL BUILDING CODE, 2012 ED. WITH 2014 GEORGIA AMENDMENTS.
B. REINFORCED CONCRETE: ACI 318-11.
C. ALL STEEL WORK SHALL COMPLY WITH APPLICABLE STANDARDS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INCLUDING THE SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS, LATEST EDITION AND THE AMERICAN WELDING SOCIETY'S STRUCTURAL WELDING CODE, AWS D1.1-LATEST EDITION.
- CONCRETE**
A. CONCRETE SHALL BE OF NORMAL WEIGHT (150 PCF) AND SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS (EXCEPTIONS NOTED).
B. CONCRETE FOR FOUNDATIONS AND EXTERIOR SLABS ON GRADE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4500 PSI AT 28 DAYS.
C. REINFORCING SHALL CONFORM TO ASTM A615-09, GRADE 60, HAVING A MIN. YIELD STRENGTH OF 60 KSI.
D. WELDED WIRE REINFORCING (W.W.R.) SHALL BE PLAIN WIRE AND SHALL CONFORM TO ASTM A1064.



TYPICAL SLAB DEPRESSION
SCALE: 1"=1'-0"

REINFORCED C.M.U. GENERAL NOTES

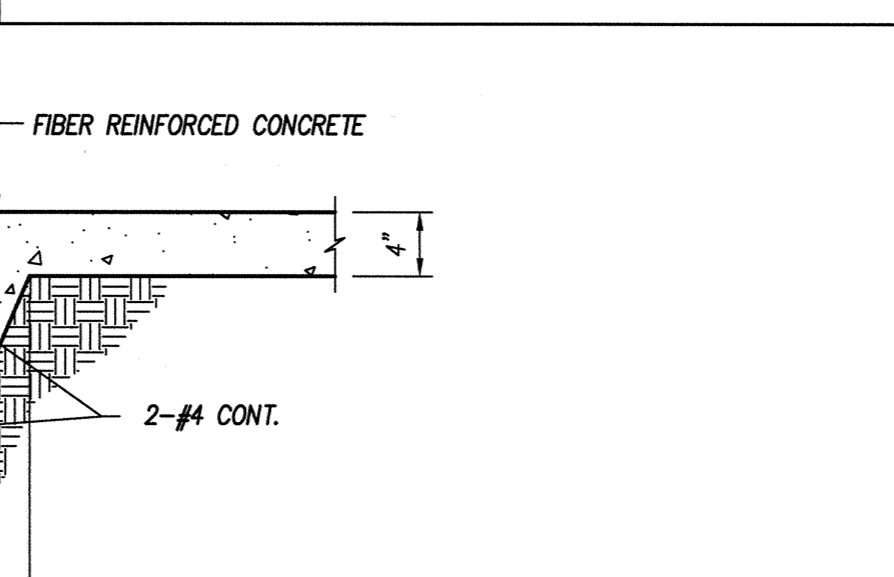
- ALL MASONRY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ASCE 6-11 ("SPECIFICATION FOR MASONRY STRUCTURES"). ALL SUPERVISORY PERSONNEL HAVING ANY CONNECTION WITH THE MASONRY WORK SHALL CERTIFY THAT THEY HAVE FAMILIARIZED THEMSELVES WITH THESE PUBLICATIONS.
- BLOCK SHALL BE LAID IN A RUNNING BOND.
- ALL FACE SHELLS OF BLOCKS SHALL BE COMPLETELY MORTARED IN BED JOINTS (1" MAX.) HEAD JOINTS SHALL BE COMPLETELY MORTARED VERTICALLY FOR SAME WIDTH AS BED JOINTS. WHERE CELLS ARE TO BE FILLED WITH GROUT, FACE AND WEB SHELLS SHALL BE COMPLETELY MORTARED EXCEPT WHERE ADJACENT CELLS ARE TO BE FILLED. WHERE ADJACENT CELLS ARE TO BE FILLED, THE WEBS COMMON TO BOTH CELLS NEED NOT BE MORTARED.
- CONCRETE MASONRY UNITS SHALL COMPLY WITH ASTM C 90, LIGHT WEIGHT. UNIT COMPRESSIVE STRENGTH SHALL BE 1900 PSI MINIMUM. MANUFACTURER SHALL PROVIDE A WRITTEN CERTIFICATION OF THE UNIT COMPRESSIVE STRENGTH WHICH SHALL BE SAMPLED AND TESTED IN ACCORDANCE WITH ASTM C140-03.
- ALL BLOCK WORK BELOW THE FINISHED FLOOR ELEVATION SHALL BE LAID USING TYPE M MORTAR. ALL BLOCK WORK ABOVE THE FINISHED FLOOR ELEVATION SHALL BE LAID USING TYPE S OR TYPE M MORTAR. MORTAR SHALL COMPLY WITH ASTM C 270-04.
- ASSUMED F_v FOR EXTERIOR WALLS = 1500 PSI @ 28 DAYS.
- ASSUMED F_v FOR INTERIOR WALLS = 1500 PSI @ 28 DAYS.
- PROVIDE CONT. HORIZONTAL REINFORCING AT 16" MAX. O.C. VERTICALLY. HORIZONTAL REINFORCING SHALL BE #17 (9 GA. x 9 GA.) TRUSS-TYPE JOINT REINFORCING. HORIZONTAL JOINT REINFORCING SHALL COMPLY WITH ASTM A951-02 AND SHALL BE HOT DIP GALVANIZED PER ASTM A153-03. LAP SPICES ALL JOINT REINFORCING IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS. USE PREFABRICATED SECTIONS AT INTERSECTIONS AND CORNERS. DO NOT CUT OR BEND.
- ALL CELLS AND VOIDS NOTED AS FILLED SHALL BE FILLED SOLID WITH GROUT CONFORMING TO ASTM C476-02. COMESE AGGREGATE SHALL NOT EXCEED 3/4" IN DIMENSION.
- VERTICAL WALL REINFORCING WILL BE REQUIRED AS SHOWN ON PLANS AND IN DETAILS. LAP SPICES VERTICALS 48 BAR DIAMETERS AS REQUIRED.
- PROVIDE A CONTINUOUS GROUT FILLED BOND BEAM (WITH 2-CONTINUOUS #5S) AT 8'-0" MAXIMUM ON CENTER VERTICALLY IN ALL 79# REINFORCED MASONRY WALLS.
- PROVIDE A CONTINUOUS GROUT FILLED BOND BEAM (WITH 2-CONTINUOUS #5S) AT 8'-0" MAXIMUM ON CENTER VERTICALLY IN ALL 119# REINFORCED MASONRY WALLS.
- PROVIDE A CONTINUOUS GROUT FILLED BOND BEAM (WITH 2-CONTINUOUS #5S) AT THE TOPS OF ALL 79# MASONRY WALLS.
- PROVIDE A CONTINUOUS GROUT FILLED BOND BEAM (WITH 2-CONTINUOUS #5S) AT THE TOPS OF ALL 119# MASONRY WALLS.
- PROVIDE KNOCK-OUT BLOCKS FOR BOND BEAMS WHERE SHOWN SHOWN OR NOTED. PROVIDE U-BLOCKS FOR BOND BEAMS IN ALL OTHER WALLS.
- PROVIDE A MINIMUM OF 1-#5 IN FULLY GROUTED CELLS EACH SIDE OF ALL OPENINGS IN 79# C.M.U. WALLS. PROVIDE #5 DOWELS WITH 8" HOOKS FROM FOOTINGS. LAP SPICES TO BE 48 BAR DIAMETERS MINIMUM. TYP. IN INTERIOR AND EXTERIOR C.M.U. WALLS. PROVIDE 1-#5 IN EACH OF 3 FULLY GROUTED CELLS AT ALL CORNERS AND INTERSECTIONS OF 79# MASONRY UNITS.
- PROVIDE A MIN. OF 1-#5 IN FULLY GROUTED CELLS EA. SIDE OF ALL OPENINGS IN 119# C.M.U. WALLS. PROVIDE #6 DOWELS WITH 8" HOOKS FROM FOOTINGS. LAP SPICES TO BE 48 BAR DIAMETERS MINIMUM. TYP. IN INTERIOR AND EXTERIOR C.M.U. WALLS. PROVIDE 1-#6 IN EACH OF 3 FULLY GROUTED CELLS AT ALL CORNERS AND INTERSECTIONS OF 119# MASONRY UNITS. (EXCEPTIONS NOTED. SEE DETAILS).
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE SHORING FOR WALLS DURING CONSTRUCTION.
- SHOP DRAWINGS SHALL BE SUBMITTED TO APPROVAL SHOWING ALL FABRICATION DIMENSIONS AND LOCATIONS FOR PLACING REINFORCING STEEL AND ACCESSORIES. SHOW WALL STEEL IN PLAN & ELEVATION. INDICATE CONTROL JOINT LOCATIONS. NO FABRICATION SHALL BEGIN UNTIL SHOP DRAWINGS ARE COMPLETED AND REVIEWED.
- UNLESS NOTED OTHERWISE PROVIDE VERTICAL CONTROL JOINTS ACCORDING TO THE FOLLOWING CRITERIA:
- 25'-0" ON CENTER MAXIMUM
- 12'-0" MAXIMUM FROM BUILDING CORNERS
- NO CLOSER THAN 1'-4" TO OPENING EDGES
- NO CLOSER THAN 1'-4" TO BEAM OR JOIST BEARINGS
DISCONTINUE HORIZONTAL REINFORCING AT CONTROL JOINTS IN THE FIELD OF THE WALL, BUT NOT AT CORNERS OR INTERSECTIONS.



TYPICAL EXTERIOR SLAB TURNDOWN
SCALE: 1"=1'-0"

REINFORCED CONCRETE GENERAL NOTES

- ALL CONCRETE WORK SHALL CONFORM TO ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS". DESIGN IS BASED ON ACI 318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE."
- UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL BE NORMAL WEIGHT AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
- CONCRETE FOR ELEVATED FLOOR SLAB SHALL BE LIGHTWEIGHT (110 PCF) WITH MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS.
- SUBMIT CONCRETE MIX DESIGNS FOR REVIEW, IN ACCORDANCE WITH ACI 318 TO THE ARCHITECT AND TESTING AGENCY.
- THE PROPOSED MATERIALS AND MIX DESIGN SHALL BE FULLY DOCUMENTED AND REVIEWED. RESPONSIBILITY FOR OBTAINING THE REQUIRED DESIGN STRENGTH IS THE CONTRACTOR'S.
- USE OF CALCIUM CHLORIDE, CHLORIDE IONS, OR OTHER SALTS IN CONCRETE IS NOT PERMITTED.
- THE AIR CONTENT AT THE POINT OF PLACEMENT SHALL BE PER ACI 318 TABLE 4.2.1 FOR MODERATE EXPOSURE. HARD TROWELED SLABS OR SLABS ON GRADE THAT WILL RECEIVE TOPPING SHALL NOT RECEIVE AIR ENTRAINMENT UNLESS PERMITTED BY TOPPING MANUFACTURER.
- THE TESTING AGENCY SHALL SAMPLE AND TEST EACH 100 CU. YARDS OR FRACTION THEREOF OF EACH CLASS OF CONCRETE PLACED EACH DAY. SAMPLE CONCRETE IN ACCORDANCE WITH ASTM C172. PERFORM THE FOLLOWING TESTS IN ACCORDANCE WITH THE INDICATED STANDARD:
SLUMP: ASTM C143
AIR CONTENT: ASTM C231 (NORMAL WEIGHT CONCRETE)
ASTM C173 (LIGHT WEIGHT CONCRETE)
COMPRESSIVE STRENGTH: ASTM C39, WITH ONE CYLINDER AT 7 DAYS, 2 CYLINDERS AT 28 DAYS, AND ONE SPECIMEN HELD IN RESERVE.
CONCRETE TEMPERATURE: ASTM C1064
UNIT WEIGHT: ASTM C567
- MOST CURE CONCRETE WITH MOISTURE PROTECTIVE COVER FOR A MINIMUM OF 7 DAYS.
- HORIZONTAL CONSTRUCTION JOINTS ARE PERMITTED ONLY WHERE INDICATED. THE LOCATION OF VERTICAL CONSTRUCTION JOINTS SHALL BE APPROVED BY THE ARCHITECT. CONSTRUCTION JOINTS SHALL BE THOROUGHLY ROUGHENED BY MECHANICAL MEANS, CLEANED, AND CAULKED.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.
- WELDED WIRE REINFORCING (W.W.R.) SHALL CONFORM TO ASTM A1064 AND SHALL BE PROVIDED IN FLAT SHEETS. LAP MESH 24" MINIMUM AT SPICES.
- THE ALL REINFORCING STEEL AND EMBEDMENTS SECURELY IN PLACE PRIOR TO PLACING CONCRETE. PROVIDE SUFFICIENT SUPPORTS TO MAINTAIN THE POSITION OF REINFORCEMENT WITHIN SPECIFIED TOLERANCES DURING ALL CONSTRUCTION ACTIVITIES. "STOCKING" DOWELS INTO WET CONCRETE IS NOT PERMITTED.
- REINFORCING STEEL SHALL HAVE THE FOLLOWING CONCRETE COVER UNLESS NOTED OTHERWISE:
CONCRETE CAST AGAINST EARTH (NOT FORMED): 3"
FORMED CONCRETE EXPOSED TO EARTH OR WEATHER: #6 BARS THROUGH #12 BARS 2"
#6 BARS AND SMALLER 1 1/2"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER: SLABS AND WALLS 1"
- DO NOT PLACE PIPES EXCEEDING ONE-THIRD THE SLAB OR WALL THICKNESS WITHIN THE SLAB OR WALL UNLESS SPECIFICALLY SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
- DO NOT WELD OR TACK WELD REINFORCING STEEL UNLESS APPROVED OR DIRECTED BY THE STRUCTURAL ENGINEER.
- EXTERIOR SLABS SHALL DRAIN FREELY WITH A MAXIMUM VARIATION FROM THE INDICATED PLANE OF 1/4" PER 1'-0".



TYPICAL CONSTRUCTION JOINT (FJ) DETAIL
SCALE: 1"=1'-0"

REINF. CONCRETE GENERAL NOTES (CONT.)

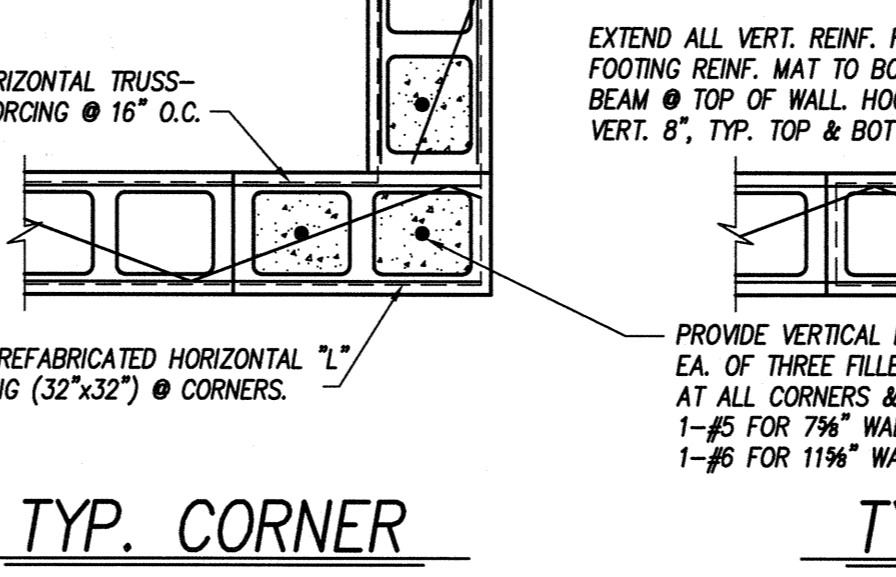
- FLOOR SLAB FLATNESS AND LEVELNESS SHALL BE MEASURED WITHIN 48 HOURS OF SLAB INSTALLATION BY THE OWNER'S REPRESENTATIVE. RESULTS SHALL BE PROVIDED TO THE CONTRACTOR WITHIN 72 HOURS OF SLAB INSTALLATION. TESTING SHALL COMPLY WITH ASTM E1155.
OVERALL VALUES:
F₀ = 30 FOR ALL AREAS WITH THINSET FINISHES
F₁ = 25 FOR ALL OTHER AREAS
LEVELNESS (FL) = 20
LEVELNESS TESTING IS NOT REQUIRED AT ELEVATED SLABS. IF VALUES DO NOT MEET THE ABOVE CRITERIA, CONTACT PROJECT ARCHITECT IMMEDIATELY FOR REMEDIAL MEASURES.



SAWCUT FLOOR JOINT (FJ) DETAIL
SCALE: 1"=1'-0"

STRUCTURAL STEEL GENERAL NOTES

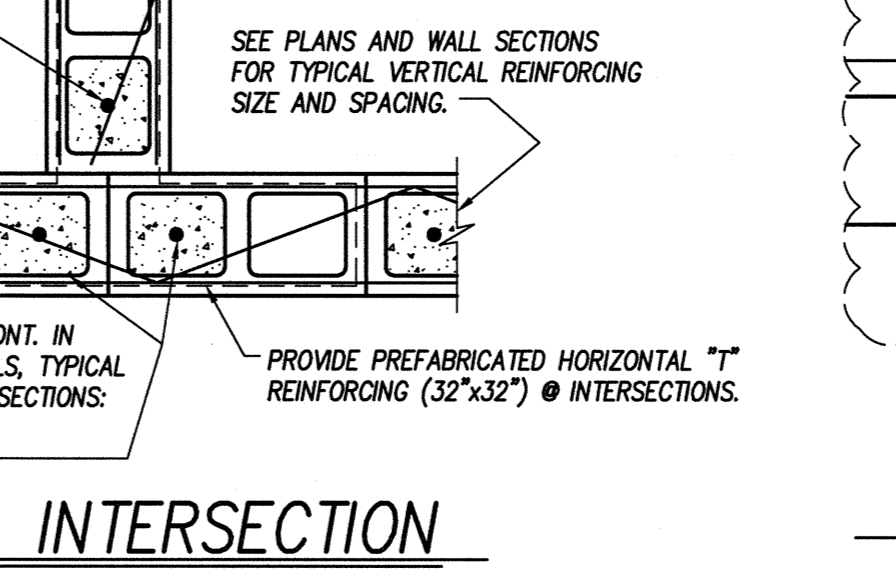
- ALL STRUCTURAL STEEL CONSTRUCTION SHALL CONFORM TO THE 2005 AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND THE "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES."
- UNLESS NOTED OTHERWISE:
2.A. STEEL SHALL CONFORM TO ASTM A36 (36 KSI YIELD STRENGTH), EXCEPTIONS NOTED.
2.B. ALL WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992 (50 KSI YIELD STRENGTH).
2.C. ALL HSS SECTIONS SHALL CONFORM TO ASTM A500 (46 KSI YIELD STRENGTH).
2.D. ELECTRODES SHALL CONFORM TO E70-XX.
2.E. ALL BOLTS TO BE A325X, WITH THREADS EXCLUDED FROM THE SHEAR PLANE.
2.F. ALL ANCHOR RODS SHALL CONFORM TO ASTM F1554 (36 KSI YIELD STRENGTH) WITH HEAVY HEX NUTS AND STANDARD WASHERS.
2.G. ALL PL'S SHALL BE SUPPLIED FREE OF LAMINATIONS & IMPURITIES & SHALL CONFORM TO ASTM A36, U.N.O.
2.H. ALL MOMENT CONNECTION PLATES (TOP, BOTTOM, STIFFENER, & CONNECTING CAP PL'S) SHALL CONFORM TO ASTM A 572, GRADE 50. THESE PLATES SHALL BE CLEARLY MARKED FOR EASE OF IDENTIFICATION.
3. HEADED ANCHORS AND SHEAR CONNECTORS (STUDS) SHALL CONFORM TO ASTM A108.
4. SHOP DRAWINGS PREPARED IN ACCORDANCE WITH THE LATEST "STRUCTURAL STEEL DETAILING MANUAL" OF AISC SHALL BE SUBMITTED FOR APPROVAL. NO FABRICATION SHALL BEGIN UNTIL SHOP DRAWINGS ARE COMPLETED AND APPROVED.
5. STEEL FRAMING CONNECTIONS SHALL BE BOLTED OR WELDED, AS INDICATED.
5.A. BOLTED JOINTS SHALL CONFORM TO AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". BOLTS SHALL CONFORM TO ASTM A325 AND SHALL BE MINIMUM 3/4" DIAMETER, UNLESS NOTED OTHERWISE.
5.B. WELDS SHALL CONFORM TO THE "STRUCTURAL WELDING CODE" OF THE AMERICAN WELDING SOCIETY, AWS D1.1. USE E70XX ELECTRODES. WELDING PROCESSES AND OPERATORS SHALL BE QUALIFIED IN ACCORDANCE WITH AWS "STANDARD QUALIFICATIONS PROCEDURES". WELDERS SHALL CARRY PROOF OF QUALIFICATIONS TO JOBSITE.
6. ANCHOR RODS SHALL CONFORM TO ASTM F1554, GRADE 36, WELDABLE UNLESS NOTED OTHERWISE.
7. PROVIDE SHOP COAT OF STANDARD PRIMER PAINT, PRIMER TO BE COMPATIBLE WITH FINISH COAT. TOUCH-UP AREAS DAMAGED IN HANDLING AND ERECTION WITH THE SAME PAINT USED FOR SHOP COAT. STEEL SURFACES TO BE WELDED OR ENCASED IN CONCRETE OR PREFORMING, OR SURFACES RECEIVING WELDED SHEAR CONNECTORS SHALL NOT BE PAINTED.
8. PROVIDE A NON-SHINK, NON-METALLIC, SELF-LEVELING GROUT (F_c = 5000 PSI MIN.) UNDER BASE PLATES, AFTER SETTING AND LEVELING. NO "DRY-PACKING" PERMITTED.
9. PROVIDE TEMPORARY BRACING OF STRUCTURAL FRAMING UNTIL ALL PERMANENT BRACING, MOMENT CONNECTIONS AND FLOOR AND ROOF DECKS (DIAPHRAGMS) ARE COMPLETELY INSTALLED. THE STRUCTURAL ELEMENTS ARE UNSTABLE UNTIL THE STRUCTURE IS COMPLETED IN ACCORDANCE WITH THE PLANS.



TYP. CORNER
TYP. INTERSECTION
WALL THICKNESS VARIES. SEE PLANS AND ARCH DWGS.
PLAN DETAILS @ WALL INTERSECTIONS

WOOD FRAMING

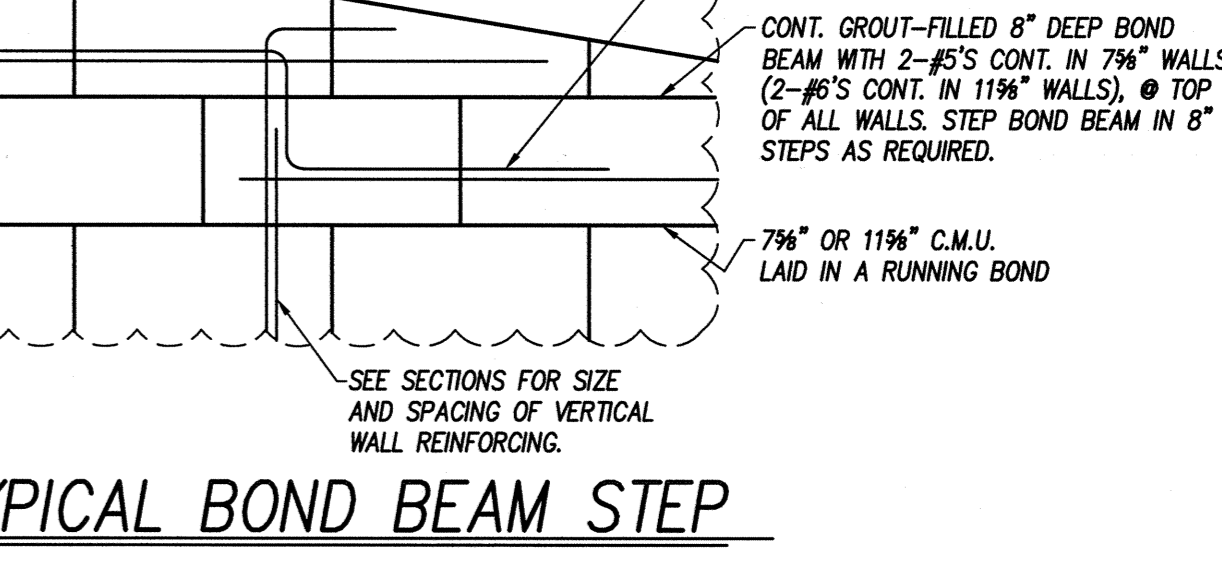
- ALL STRUCTURAL WOOD FRAMING MEMBERS SHALL BE SOUTHERN YELLOW PINE NO. 2 GRADE OR BETTER, U.N.O.
- ALL WALL STUDS SHALL BE S.P.F. NO. 2 OR BETTER. ALL WALLS SHALL HAVE HORIZONTAL 2X BLOCKING AT 4'-0" MAXIMUM O.C. BLOCKING SHALL BE SAME SIZE AND GRADE AS WALL STUDS.
- ALL MEMBERS IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
- ALL CONNECTORS SHALL BE AS MANUFACTURED BY SIMPSON STRONG TIE, OR APPROVED EQUAL.
- ALL CONNECTORS SHALL BE INSTALLED WITH FASTENER TYPE AND QUANTITY AS PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
- WHERE MANUFACTURER LISTS OPTIONS FOR NO. OF FASTENERS USED, USE MAX. NO. UNLESS SPECIFICALLY INDICATED OTHERWISE.
- SEE SHEET SUBSEQUENT SHEETS FOR TRUSS NOTES AND DIAGRAMS.
- DIAMENSIONED LUMBER CONNECTIONS NOT SPECIFICALLY CALLED OUT ON THESE DRAWINGS SHALL HAVE THE MINIMUM SIZE AND NUMBER OF FASTENERS AS REQUIRED IN CHAPTER 23 OF THE INTERNATIONAL BUILDING CODE, 2012 ED. WITH 2015 AMENDMENTS.
- ROOF SHEATHING SHALL BE 5/8" CDX EXTERIOR GRADE PANELS FASTENED WITH 12D NAILS @ 6" MAX. O.C. BLOCK ALL PANEL EDGES WITHIN 6'-0" OF EAVES AND RIDGES AND NAIL SHEATHING TO BLOCKING WITH 12D NAILS SPACED AT 6" MAX. O.C.



TYP. CORNER
TYP. INTERSECTION
WALL THICKNESS VARIES. SEE PLANS AND ARCH DWGS.
PLAN DETAILS @ BOND BEAM INTERSECTIONS

WALL INTERSECTIONS

- ALL STRUCTURAL STEEL CONSTRUCTION SHALL CONFORM TO THE 2005 AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND THE "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES."
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2.H. ALL MOMENT CONNECTION PLATES (TOP, BOTTOM, STIFFENER, & CONNECTING CAP PL'S) SHALL CONFORM TO ASTM A 572, GRADE 50. THESE PLATES SHALL BE CLEARLY MARKED FOR EASE OF IDENTIFICATION.
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9. PROVIDE TEMPORARY BRACING OF STRUCTURAL FRAMING UNTIL ALL PERMANENT BRACING, MOMENT CONNECTIONS AND FLOOR AND ROOF DECKS (DIAPHRAGMS) ARE COMPLETELY INSTALLED. THE STRUCTURAL ELEMENTS ARE UNSTABLE UNTIL THE STRUCTURE IS COMPLETED IN ACCORDANCE WITH THE PLANS.



TYP. CORNER
TYP. INTERSECTION
WALL THICKNESS VARIES. SEE PLANS AND ARCH DWGS.
PLAN DETAILS @ BOND BEAM INTERSECTIONS

REVISIONS

NO.	DATE	REVISION	BY	DESCRIPTION
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Person:
STEVE BENNETT

FREEDOM PARK
BOYS BASEBALL FIELDS
LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

STRUCTURAL DESIGN BY
PI-TECH, INC.
No. 00515
PROFESSIONAL
ENGINEER
LICENSE NO. 11115

For The Firm Travis Pruitt & Associates, Inc.

DATE: 10-24-2017
SCALE: NOTED
DN: DN
LSV: SHEET-LSV
JN: JN
FN: FN

INDEX
No. S-0
SHEET
No. 1

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ENGINEER
LICENSE NO. 11115

NOT RELEASED FOR CONSTRUCTION

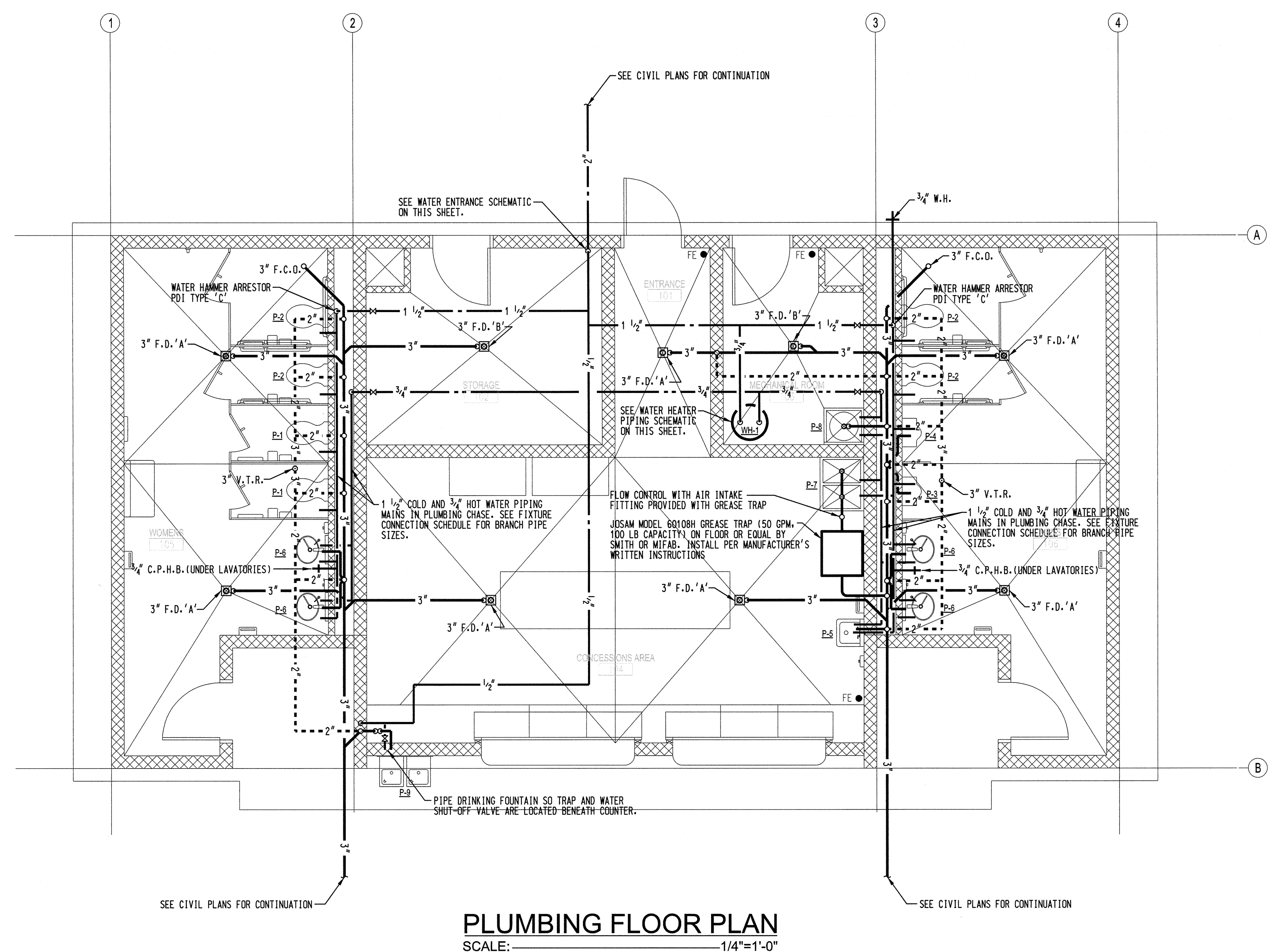
PLUMBING LEGEND	
	SOIL OR WASTE PIPING
	VENT PIPING
	COLD WATER PIPING
	HOT WATER PIPING
	BALL VALVE (2" & SMALLER) OR BUTTERFLY VALVE (2 1/2" & LARGER)
	VALVE IN PIPING DROP
	PIPING DROP IN DIRECTION OF FLOW
	PIPING RISE IN DIRECTION OF FLOW
	DIELECTRIC UNION
	PIPING TEE FROM TOP OF MAN
	PIPING TEE FROM BOTTOM OF MAN
	CHROME PLATED HOSE BIBB
	FREEZE PROOF WALL HYDRANT
	FLOOR DRAIN
	FLOOR CLEANOUT
	WALL CLEANOUT
	OUTSIDE CLEANOUT
	VENT THRU ROOF

- ### GENERAL NOTES
- THESE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
 - INSTALLATION OF PIPE AND EQUIPMENT SHOWN AND SPECIFIED SHALL BE COORDINATED WITH ALL OTHER WORK RELATED TO THE CONSTRUCTION OF THIS FACILITY INCLUDING BUT NOT LIMITED TO: BUILDING STRUCTURE, HVAC EQUIPMENT, DUCT WORK AND PIPING ELECTRICAL WORK AND OWNER FURNISHED EQUIPMENT.
 - STRUCTURAL MEMBERS SHALL NOT BE PENETRATED WITHOUT APPROVAL FROM ARCHITECT.
 - ROUTE ALL PIPING CONTAINING FLUIDS SUBJECT TO FREEZING WITHIN THE BUILDING INSULATION ENVELOPE OR PROVIDE HEAT TAPE.
 - ROUTE SANITARY VENT PIPING SO VENTS THRU ROOF WILL BE A MINIMUM OF 10'-0" FROM ALL OUTSIDE AIR INTAKES AND A MINIMUM OF 5'-0" FROM EXTERIOR WALLS, ROOF EXPANSION JOINTS AND ROOF MOUNTED EQUIPMENT.
 - WHERE CHASE WALLS ARE NOT FURNISHED, PIPING SHALL NOT BE ROUTED HORIZONTALLY. AVOID CUTTING STUDS.

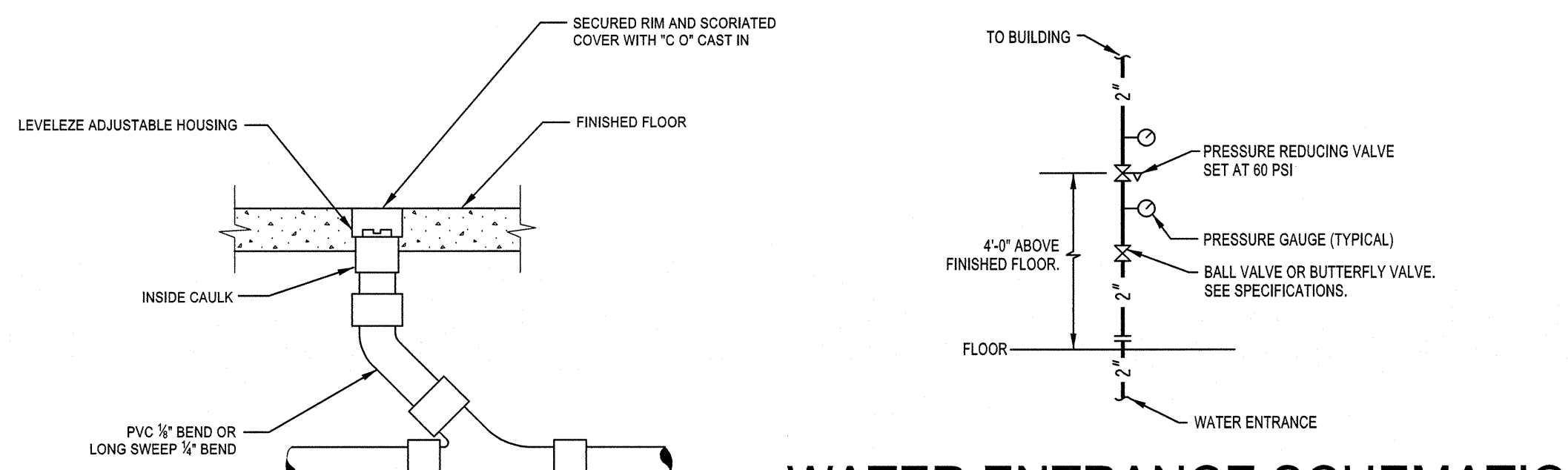
FIXTURE CONNECTION SCHEDULE

MARK	FIXTURE	NOTES	RIM HEIGHT	COLD WATER		HOT WATER		WASTE	
				BRANCH	CONN.	BRANCH	CONN.	BRANCH	CONN.
P-1	WATER CLOSET	1	18"	1"	1"	—	—	3"	3"
P-2	WATER CLOSET	1,2	18"	1"	1"	—	—	3"	3"
P-3	URNAL	1	18"	3/4"	3/4"	—	—	2"	2"
P-4	URNAL	1,2	18"	3/4"	3/4"	—	—	2"	2"
P-5	LAVATORY	2,3	34"	1/2"	3/8"	1/2"	3/8"	2"	1 1/2"
P-6	LAVATORY	2	C.T.	1/2"	3/8"	1/2"	3/8"	2"	1 1/2"
P-7	TWO COMPARTMENT SINK	—	—	1/2"	3/8"	1/2"	3/8"	2"	1 1/2"
P-8	SERVICE SINK	—	—	1/2"	3/8"	1/2"	3/8"	2"	2"
P-8	DRINKING FOUNTAIN	4	36" MAX	1/2"	3/8"	—	—	2"	1 1/2"

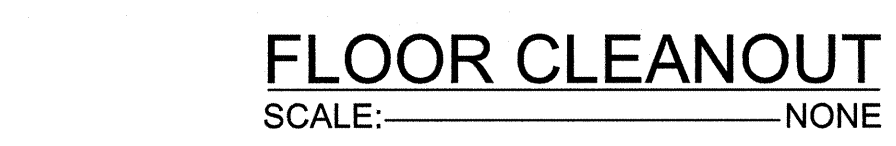
- WALL HUNG, FLUSH VALVE
- HANDICAP ACCESSIBLE
- WALL HUNG
- DUAL HEIGHT FOUNTAIN. MOUNT AS REQUIRED BY MANUFACTURER TO MEET ADA.



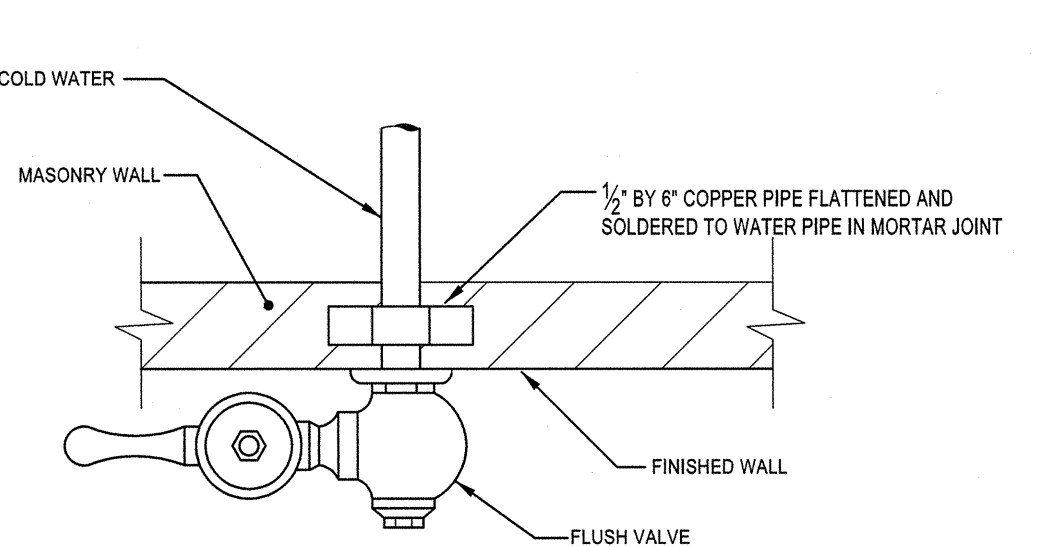
PLUMBING FLOOR PLAN
SCALE: 1/4"=1'-0"



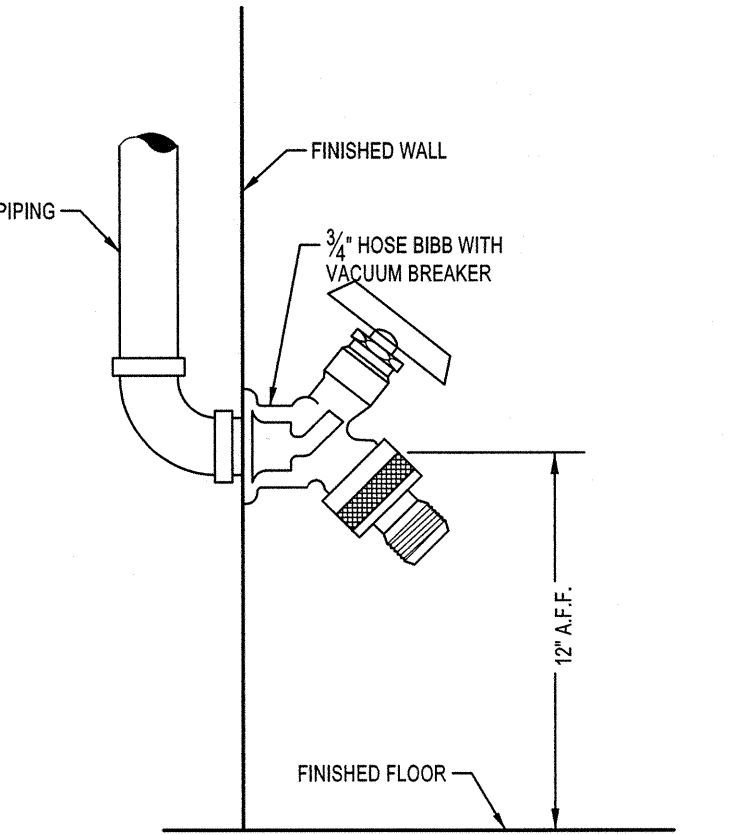
WATER ENTRANCE SCHEMATIC
SCALE: NONE



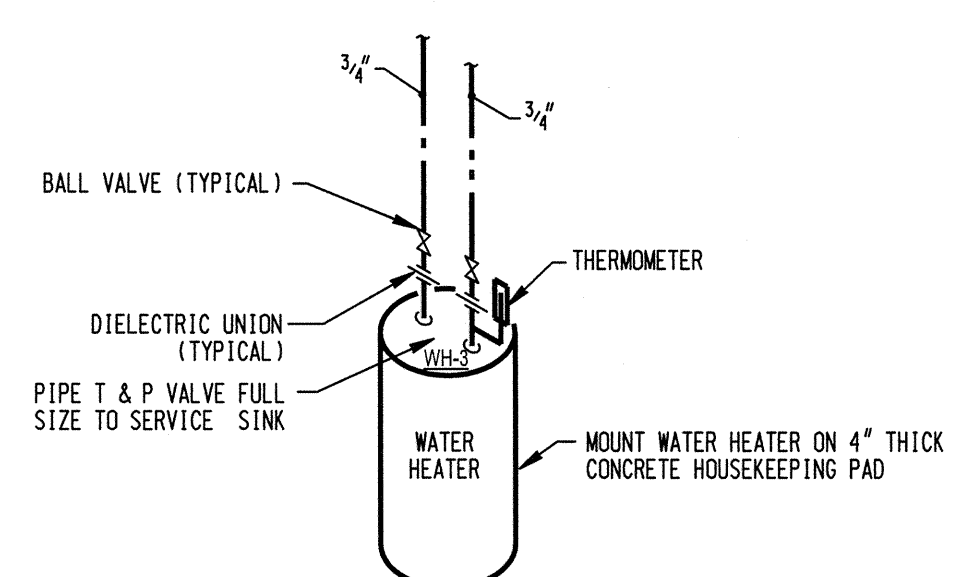
FLOOR CLEANOUT
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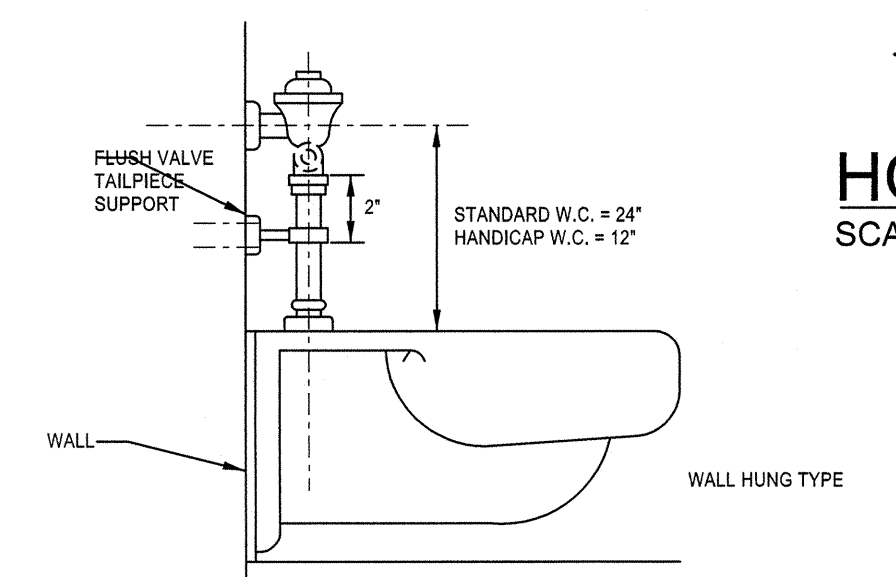
FLUSH VALVE ANCHOR
SCALE: NONE



HOSE BIBB DETAIL
SCALE: NONE



ELECTRIC WATER HEATER PIPING SCHEMATIC
SCALE: NONE



WATER CLOSET FLUSH VALVE MOUNTING DETAIL
SCALE: NONE

REVISIONS		
NO.	DATE	DESCRIPTION
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3		
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1		

Travis Pruitt & Associates, Inc.
 ENGINEERS • SURVEYORS • ARCHITECTS • ENVIRONMENTAL SCIENTISTS

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LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

GEORGIA REGISTERED PROFESSIONAL ENGINEER
 No. 17025
 Travis Pruitt

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DATE: NOVEMBER 10, 2017
 SCALE:
 GN:
 LBY:
 JN:
 FN:

INDEX NO. P101
 SHEET NO.

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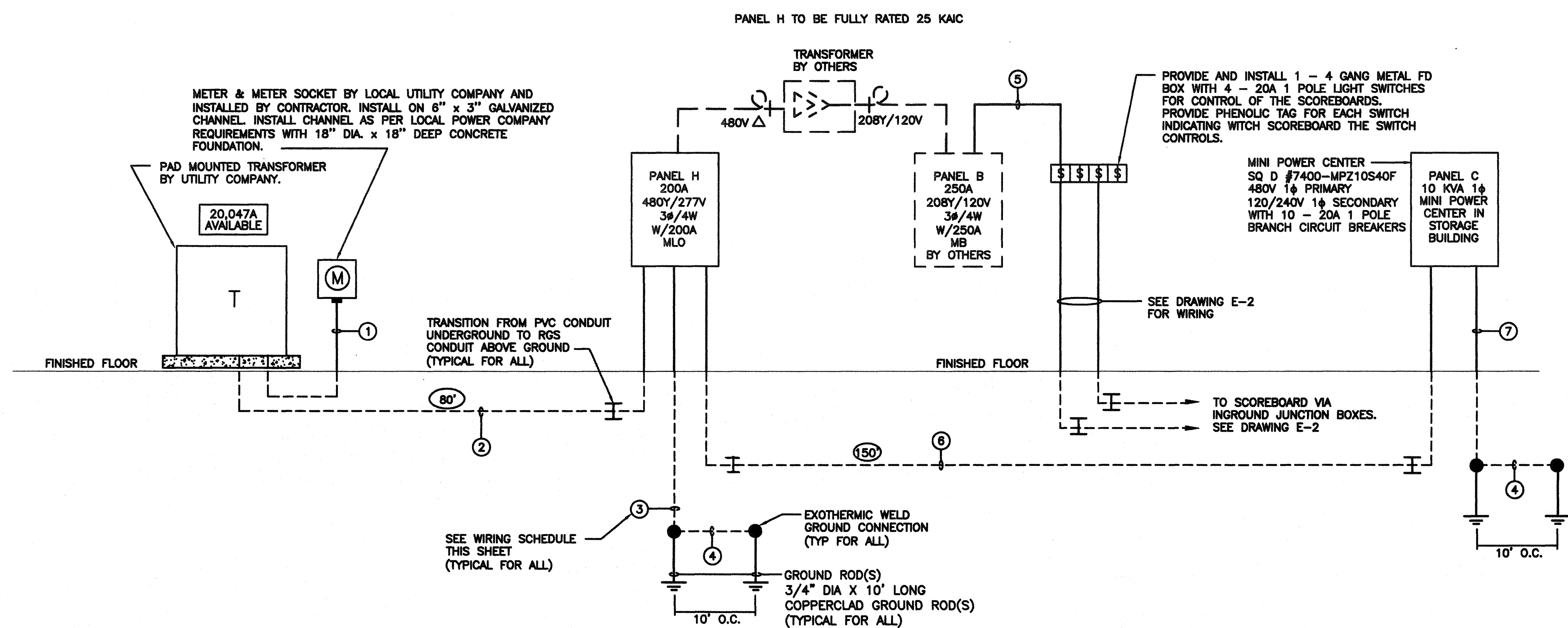
LEGEND

- EXPOSED CONDUIT. SEE NOTE BELOW
- - - UNDERGROUND OR UNDERFLOOR CONDUIT. SEE NOTE BELOW.
- ⌚ FLEX CONDUIT, SIZE AND CONDUCTORS SAME AS HOMERUN.
- ☒ PANELBOARD.
- ⌚ TRANSFORMER.
- ☒ INGROUND JUNCTION BOX.
- ⌚ FUSIBLE DISCONNECT SWITCH, FUSE SIZE OVER FRAME SIZE, NUMBER OF POLES, AND ENCLOSURE TYPE NOTED.
- TFROC TYPICAL FOR REMAINDER OF CIRCUIT.
- 38,781 A AVAILABLE AVAILABLE SYMMETRICAL SHORT CIRCUIT CURRENT AT THE EQUIPMENT AS CALCULATED BY THE ENGINEER. THE ELECTRICAL DISTRIBUTION SYSTEM SHALL BE A FULLY RATED SYSTEM.
- 30' LENGTH OF FEEDER IN FEET.

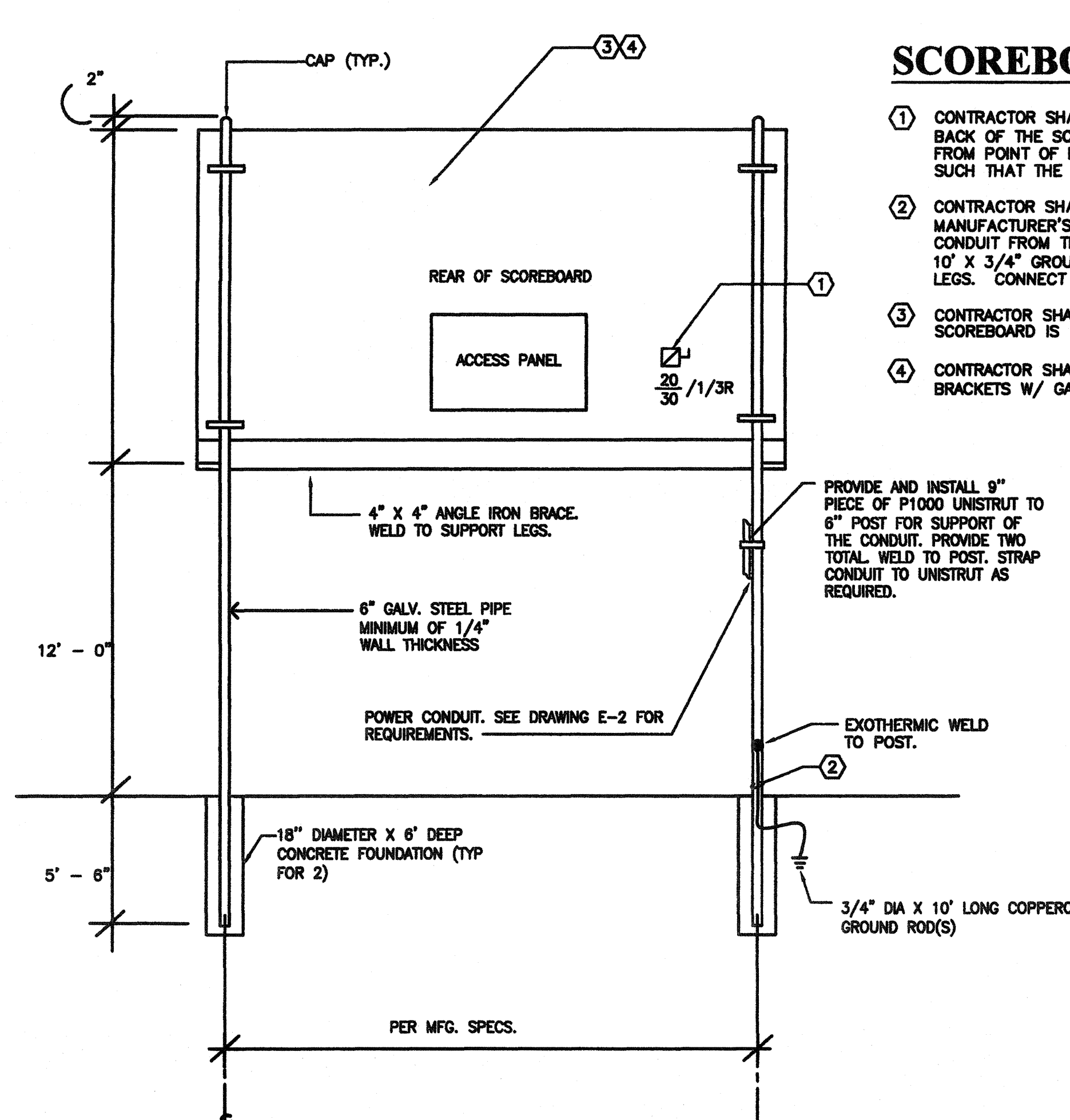
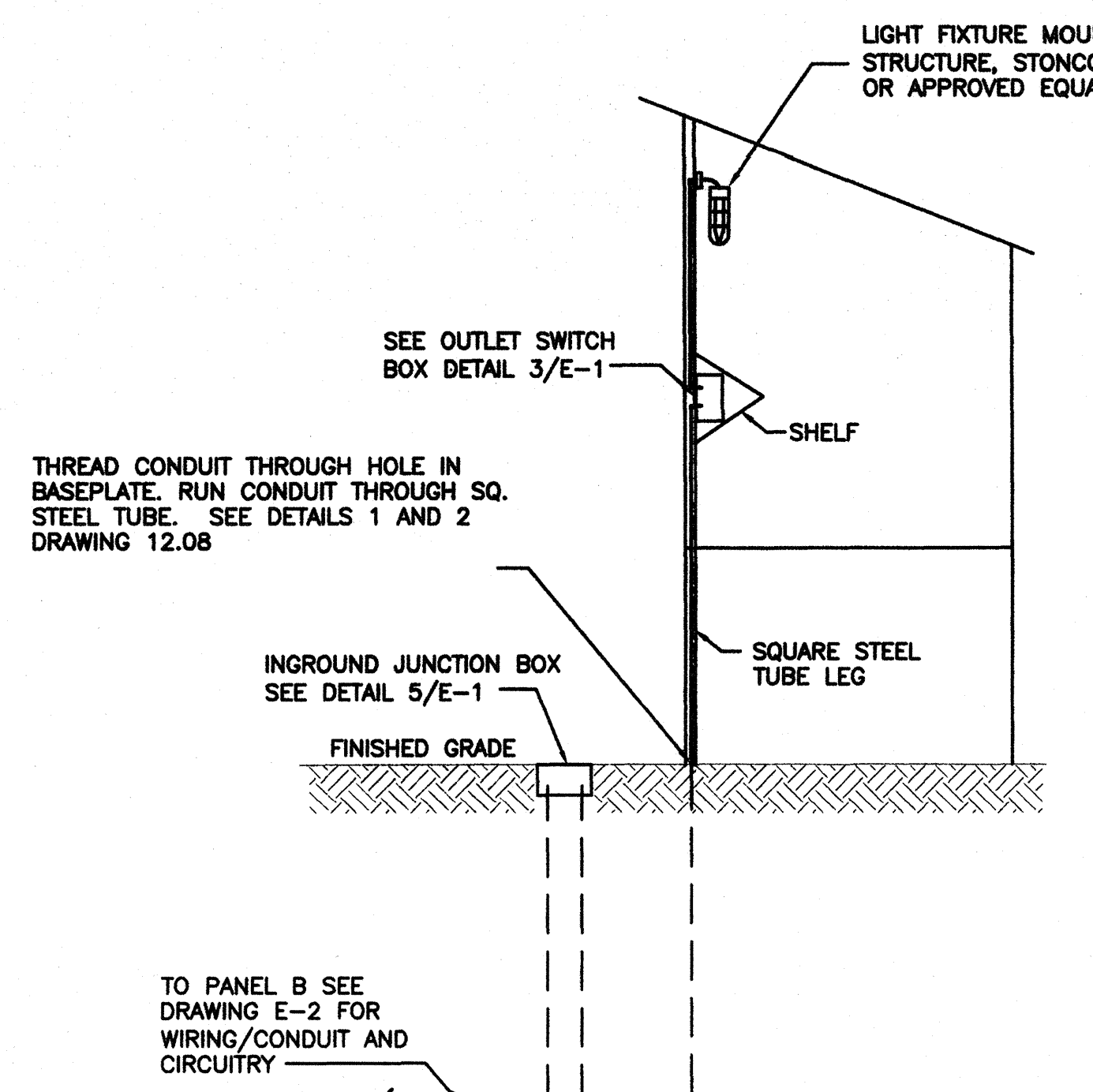
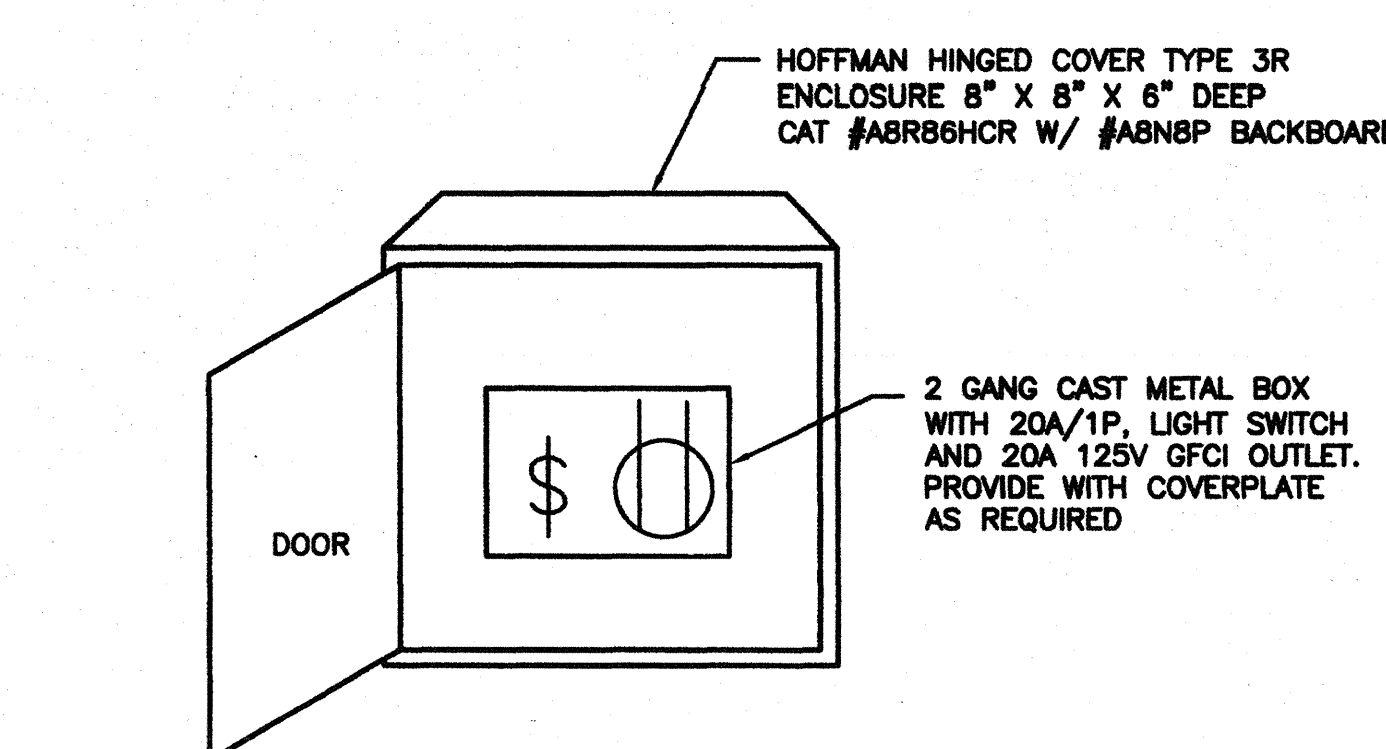
WIRING SCHEDULE

- ① 1 1/2" EMPTY C FOR UTILITY CO METER LEADS.
- ② 4#3/0 IN 2" C
- ③ 1#4 IN 3/4" PVC C.
- ④ #6
- ⑤ 8#10 + 1#10G IN 3/4" C
- ⑥ 2#8 + 1#8G IN 1" C
- ⑦ 1#6 IN 3/4" PVC C

ALL CONDUCTORS ARE TO BE COPPER UNLESS OTHERWISE NOTED



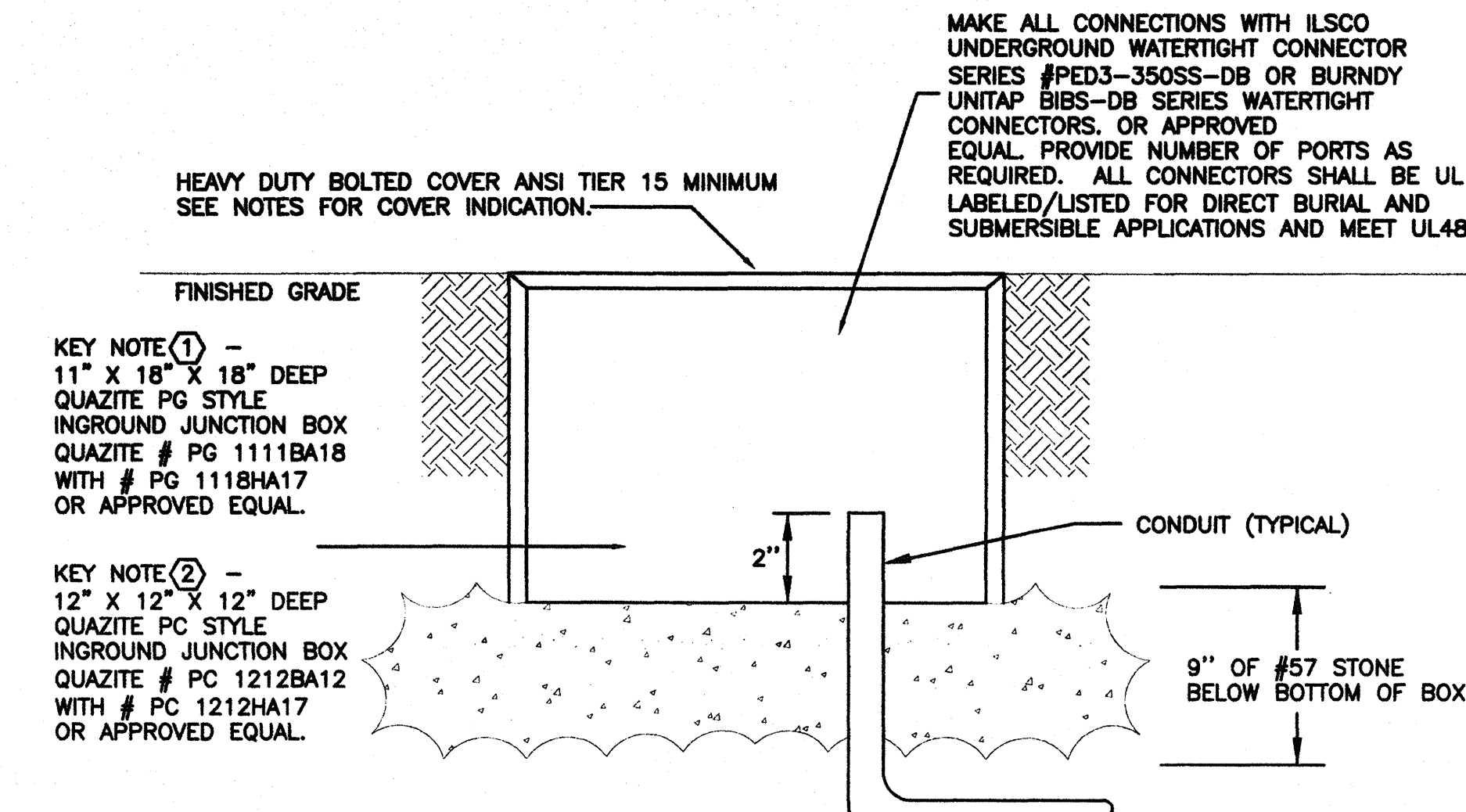
1 POWER RISER DIAGRAM
E-1 SCALE: NONE



SCOREBOARD DETAIL NOTES:

- ① CONTRACTOR SHALL INSTALL DISCONNECT SWITCH ONTO THE BACK OF THE SCOREBOARD. LOCATE APPROXIMATELY 24" FROM POINT OF ENTRY INTO THE BACK OF THE UNIT. MOUNT SUCH THAT THE ACCESS PANEL IS NOT INTERFERED WITH.
- ② CONTRACTOR SHALL GROUND EACH SCOREBOARD AS PER THE MANUFACTURER'S REQUIREMENTS. RUN 1 #4 CU IN 1/2" PVC CONDUIT FROM THE GROUND POINT ON THE SCOREBOARD TO A 10' x 3/4" GROUND ROD DRIVEN NEAR ONE OF THE SUPPORT LEGS. CONNECT TO GROUND ROD AS REQUIRED.
- ③ CONTRACTOR SHALL INSTALL SCOREBOARD AS SHOWN PER MFG. SPECS. SCOREBOARD IS BY OTHERS.
- ④ CONTRACTOR SHALL PRIME AND PAINT ALL POSTS, STEEL ANGLES AND BRACKETS W/ GALVANIZED PAINT, TWO COATS.

2 SCOREBOARD DETAIL
E-1 SCALE: NONE



5 TYPICAL IN GROUND JUNCTION BOX INSTALLATION DETAIL
E-1 SCALE: NONE

REVISIONS		BY	DESCRIPTION	DATE	NO.

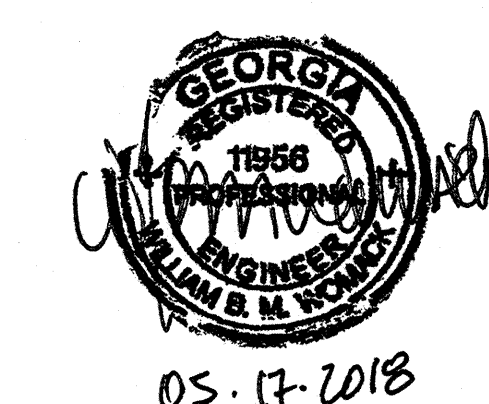
4317 Park Drive, Suite 400
Norcross, Georgia 30093
Phone: (770)416-7511 Fax: (770)416-6759
www.travispruit.com
Contact Person:

LEGEND, RISER AND DETAILS

FREEDOM PARK

BOYS BASEBALL FIELDS

LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT



W&A PROJECT NUMBER - 17085

WOMACK ASSOCIATES
CONSULTING ENGINEERS

2300 Lake Park Dr, Suite 250
Smyrna, Georgia 30080
Voice 770-458-3005 Fax 770-458-8388
PLOT SCALE: 1" = 1'

For The Firm Travis Pruitt & Associates, Inc.

DATE:	05/17/2018
SCALE:	AS SHOWN
DN:	17085 E-1.dwg
LBV:	
JN:	
FN:	

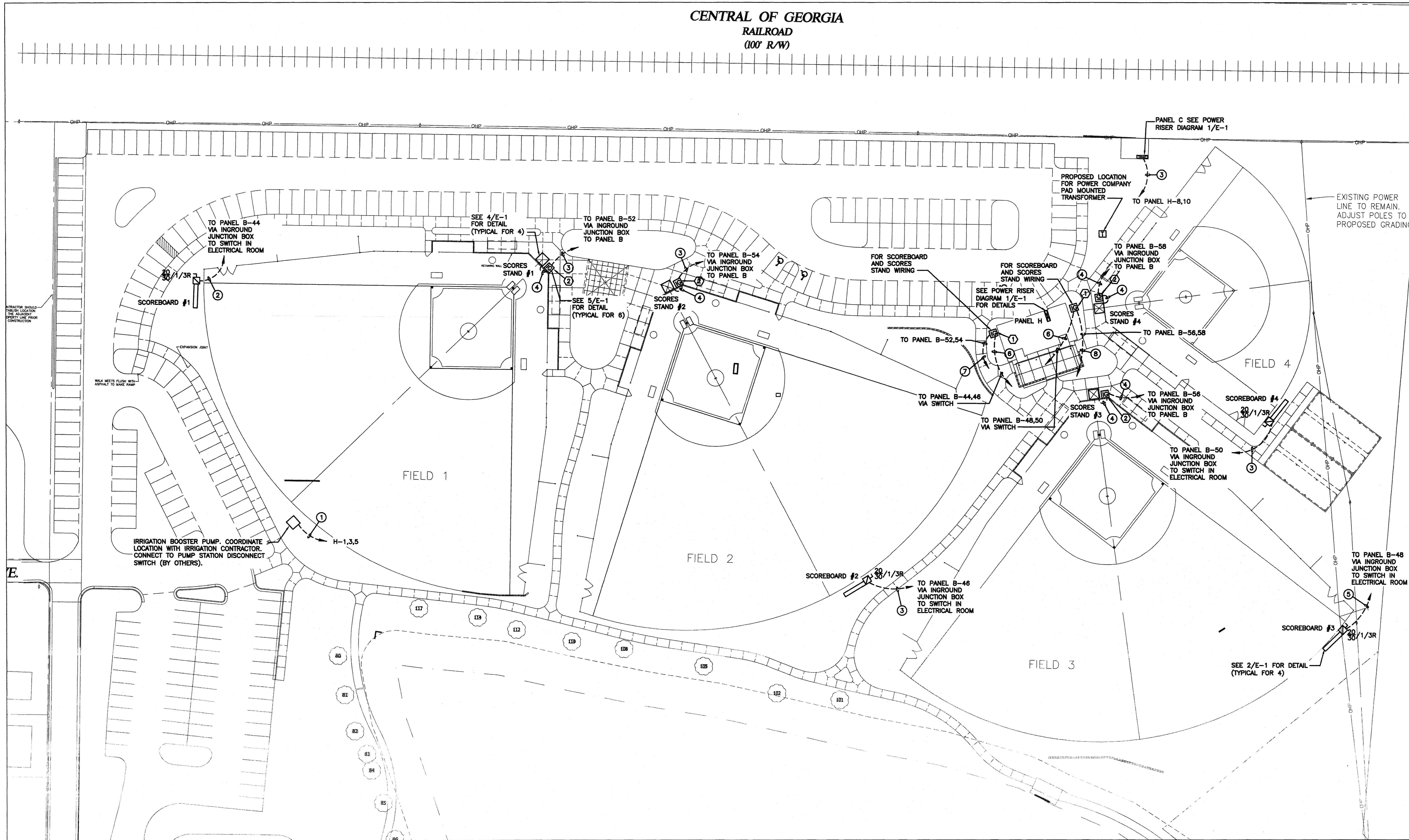
INDEX NO. SHEET NO. E-1

PANEL H																			
VOLTAGE: 480Y/277V AMPS: 200A MLO MOUNTING: SURFACE (SIX THROW RULE)																			
3 PHASE, 4 WIRE TOTAL LOAD: 104.0 KVA																			
No.	SERVES	LOAD (KVA)					BRKR	PH			BRKR	LOAD (KVA)					SERVES	No.	
		LTG	RCPT	MTR	A/C	MISC		TRIP	A	B		C	P	TRIP	MISC	KITCH			A/C
1	IRRIGATION BOOSTER PUMP					5.82	50	30.82				3	125	25.00				RESTROOM/ CONCESSION TRANSFORMER	2
3						5.82		30.82						25.00					4
5						5.82		30.82						25.00					6
7	SPACE							5.77				2	40	5.77				PANEL C	8
9	SPACE							5.77						5.77					10
11	SPACE																	SPACE	12
13	SPACE							0.00						0.00				SPACE	14
15	SPACE							0.00						0.00				SPACE	16
17	SPACE							0.00						0.00				SPACE	18
							36.59	36.59	30.82								CONNECTED KVA	104	

WIRING SCHEDULE

- ① 3#6 + 1#8G IN 1" C
 - ② 2#4 + 1#4G IN 1 1/4" C
 - ③ 2#8 + 1#8G IN 1" C
 - ④ 2#12 + 1#12G IN 3/4" C
 - ⑤ 2#6 + 1#6G IN 1" C
 - ⑥ 4#8 + 1#8G IN 1" C
 - ⑦ 4#10 + 1#10G IN 3/4" C
 - ⑧ 4#12 + 1#12G IN 3/4" C
- ALL CONDUCTORS ARE TO BE COPPER

CENTRAL OF GEORGIA RAILROAD (100' R/W)



REVISIONS		
NO.	DATE	DESCRIPTION
7		
6		
5		
4		
3		
2		
1		

4317 Park Drive, Suite 400
Norcross, Georgia 30093
Phone: (770)416-7511 Fax: (770)416-6759
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Contact Person:

FREEDOM PARK BOYS BASEBALL FIELDS

ELECTRICAL SITE PLAN
LOCATED IN LAND LOTS 2 AND 3 OF THE 11TH DISTRICT

1 SITE PLAN - LIGHTING
E-1 SCALE: 1"=30'-0"

KEY NOTES
SEE DETAIL 5/E-1 FOR KEY NOTES



W&A PROJECT NUMBER - 17085

WOMACK & ASSOCIATES
CONSULTING ENGINEERS

2300 Lake Park Dr, Suite 250
Smyrna, Georgia 30080
Voice 770-458-3005 Fax 770-458-8388
PLOT SCALE: 1"=1'

For The Firm Travis Pruitt & Associates, Inc.

DATE:	05/17/2018
SCALE:	AS SHOWN
DN:	17085 E-2.dwg
LBV:	
JN:	
FN:	

INDEX NO.	
SHEET NO.	E-2



RELEASED FOR CONSTRUCTION