

**PROJECT CHARACTERISTICS / CODE STATEMENT**

- PROJECT ADDRESS: 2602 WARD STREET, SMYRNA, GA 30080
- OWNER/DEVELOPER: CITY OF SMYRNA, DEPARTMENT OF PARKS AND RECREATION
- PROJECT DESCRIPTION: THE PROJECT SCOPE INCLUDES THE REMOVAL OF THE EXISTING CMU BACKSTOP WALL AND INSTALLATION OF A NEW CMU WALL ALONG WITH A NEW TENSION NETTING SYSTEM. THE EXISTING DUGOUTS, CONCESSIONS BUILDING, AND BASEBALL FIELD ARE TO BE PROTECTED DURING THE RENOVATION. ALL PARTS OF THE NETTING SYSTEM ARE IN THIS SCOPE OF WORK AND THE DESIGN, ENGINEERING AND CONSTRUCTION OF THE NETTING SYSTEM ARE TO BE PROVIDED BY A SINGLE, QUALIFIED ENTITY. WHERE DRAWINGS NOTE THAT PARTS OF THE NETTING SYSTEM ARE "BY OTHERS", THIS SHALL MEAN "DESIGNED BY OTHERS" AND INDICATES THE DESIGN BUILD SYSTEM DESCRIBED ABOVE.
- EXISTING CONSTRUCTION DESCRIPTION: THE EXISTING BASEBALL DUGOUTS AND CONCESSIONS BUILDING ARE SLAB ON GRADE SUPPORTED BY SHALLOW FOUNDATIONS. ROOF FRAMING CONSISTS OF A WOOD FRAME WITH ASPHALT SHINGLES.
- MIXED OCCUPANCY-NON SEPARATED USE:  
ASSEMBLY A-5 (IBC)
- CONSTRUCTION TYPE:  
TYPE IIB (IBC)
- OCCUPANCY LOAD: NOT APPLICABLE
- PLUMBING FIXTURE REQUIREMENTS: NOT APPLICABLE
- STATE MANDATORY CODES AND REGULATIONS:  
INTERNATIONAL BUILDING CODE 2012 EDITION WITH 2014, 2015, 2017, 2018 GA AMENDMENTS  
INTERNATIONAL PLUMBING CODE 2012 EDITION WITH 2014, 2015 GA AMENDMENTS  
INTERNATIONAL FIRE CODE 2012 EDITION WITH 2014 GA AMENDMENTS  
NFPA 101 LIFE SAFETY CODE 2012 EDITION WITH GA AMENDMENTS  
ACCESSIBILITY REGULATIONS  
2010 ADAAG  
ANSI 117.1

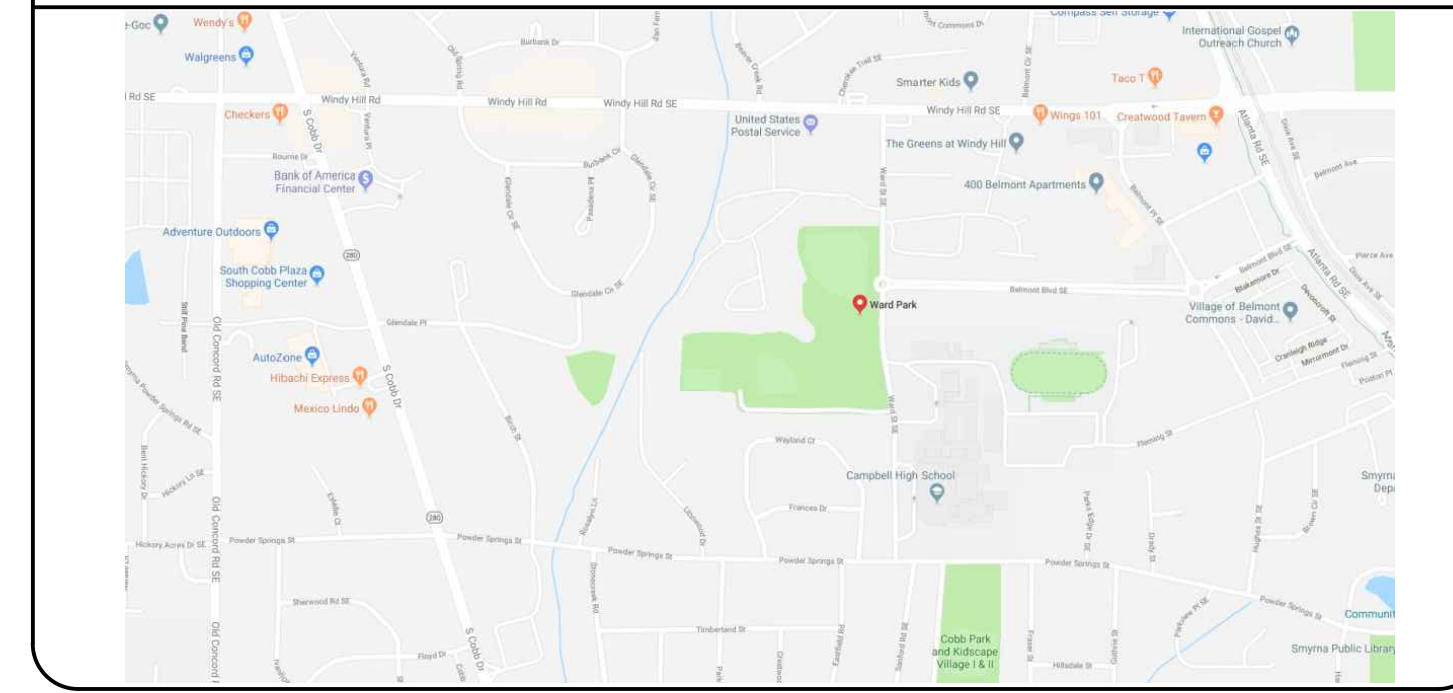
**PROPERTY INFORMATION**

PROPERTY OWNER: CITY OF SMYRNA  
 PROPERTY PIN #: 17041800030  
 ZONING: R-15  
 TOTAL ACRES: 7.5282 AC

**DRAWING INDEX**

SHEET NUMBER	SHEET TITLE
SP1.0	SITE PLAN
DM1.0	DEMOLITION PLAN
A1.0	NETTING SYSTEM & BACKSTOP PLAN
A2.0	SECTIONS & DETAILS
A2.1	NETTING SYSTEM AXONOMETRIC SKETCH
S1-1	MASONRY WALL GENERAL NOTES AND SECTIONS

**VICINITY MAP**



**PROJECT CONTACTS**

**OWNER**  
 CITY OF SMYRNA  
 1306 BANK STREET  
 SMYRNA, GA 30080  
 RICHARD GARLAND  
 (678) 631-5397

**PROJECT MANAGER**  
 CROY ENGINEERING, LLC  
 1260 WEST SPRING ST, SUITE C  
 SMYRNA, GA 30080  
 ZACK STRICKLAND  
 (770) 702-3557

**ARCHITECT**  
 FOLEY DESIGN ASSOCIATES INC.  
 21 PURITAN MILL, 950 LOWERY BLVD. NW  
 ATLANTA, GA 30318  
 SONYA KHAN  
 (404) 400-2994

**STRUCTURAL ENGINEER**  
 C2O THE ENGINEERS, INC.  
 2870 FOOTHILL TRAIL  
 MARIETTA, GA 30066  
 MICHEL COURVETTE  
 (678) 644-4466

**CONTRACTOR**  
 TBD  
 ADDRESS 1  
 ADDRESS 2  
 CONTACT  
 PHONE

**SIGNATURES**

**ARCHITECT** BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

**OWNER** BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

**CONTRACTOR** BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

**BONDING COMPANY** BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

PLOTTED: 11/9/2018 9:54:41 AM

**LATTANZI FIELD**

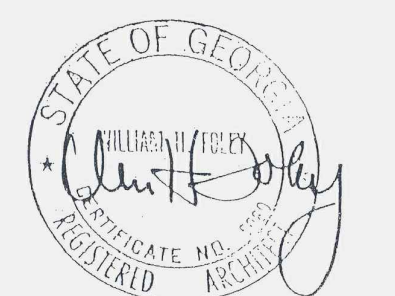
CITY OF SMYRNA  
 SMYRNA, GA



www.foleydesign.com

NO: DATE: DESCRIPTION:

1	09/20/18	FOR CONSTRUCTION
2	11/09/18	GENERAL REVISIONS
3	-/-/-	-
4	-/-/-	-





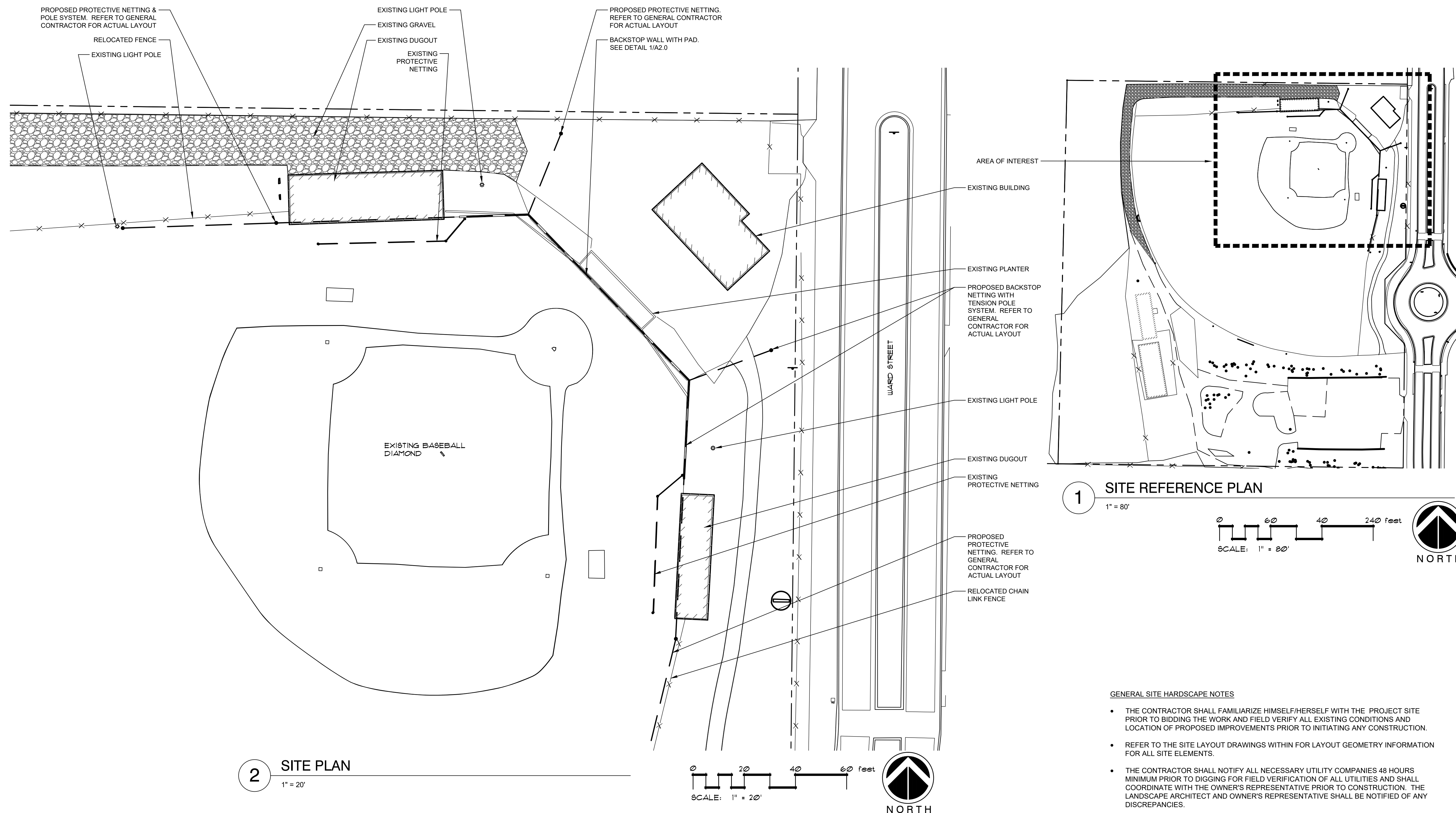
NO.	DATE	DESCRIPTION
1	11/09/18	GENERAL REVISIONS
2	-/-/-	-
3	-/-/-	-
4	-/-/-	-
5	-/-/-	-
6	-/-/-	-

Sheet Title:

SITE PLAN

Date: 09/20/18  
Project No.: 201749

SP1.0



2 SITE PLAN  
1" = 20'

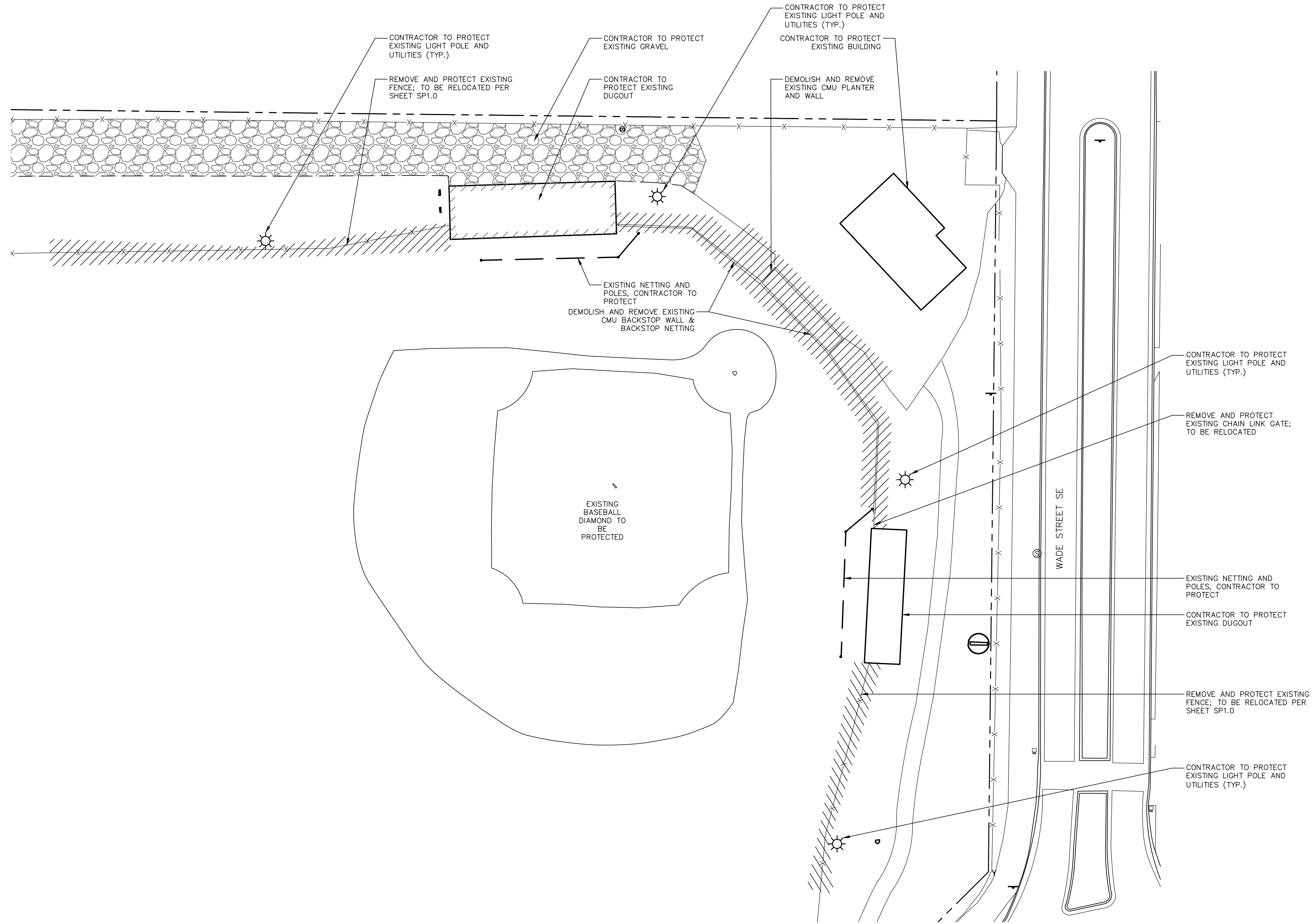
1 SITE REFERENCE PLAN  
1" = 80'

PROPERTY INFORMATION

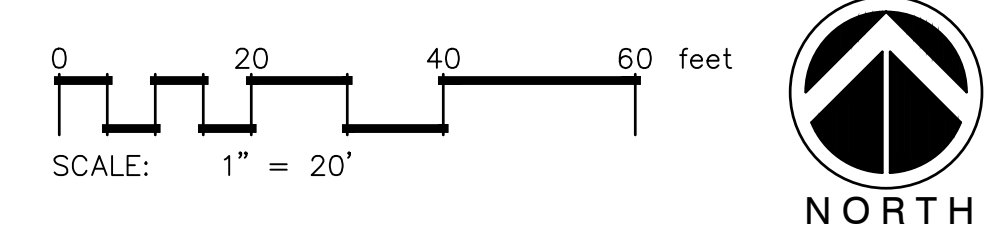
PROPERTY OWNER:	CITY OF SMYRNA
PROPERTY PIN #:	17041800030
ZONING:	R-15
TOTAL ACRES:	7.5282 AC

- GENERAL SITE LAYOUT NOTES**
- CONTRACTOR SHALL FULLY FAMILIARIZE HIMSELF/HERSELF WITH THE PROJECT PRIOR TO BIDDING THE WORK.
  - REFER TO HARDSCAPE SHEETS, DETAILS AND ANY STRUCTURAL DOCUMENTATION FOR LAYOUT INFORMATION.
  - CONTRACTOR SHALL COORDINATE AND VERIFY ALL POINTS OF BEGINNING AND BENCHMARKS FOR THE SITE WITH THE OWNER'S REPRESENTATIVE PRIOR TO INITIATING LAYOUT OF SITE ELEMENTS. THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY DISCREPANCIES.
  - CONTRACTOR SHALL USE THE DIMENSIONING AND STAKING LAYOUTS WITHIN TO LAYOUT ALL SITE ELEMENTS AND HARDSCAPE MATERIALS. THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY DISCREPANCIES.
  - THE CONTRACTOR SHALL COORDINATE THE LAYOUT OF PAVEMENT AND PAVEMENT PATTERN WITH THE LOCATION OF THE DRAIN INLETS AND OTHER AT GRADE UTILITY ELEMENTS

- GENERAL SITE HARDSCAPE NOTES**
- THE CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH THE PROJECT SITE PRIOR TO BIDDING THE WORK AND FIELD VERIFY ALL EXISTING CONDITIONS AND LOCATION OF PROPOSED IMPROVEMENTS PRIOR TO INITIATING ANY CONSTRUCTION.
  - REFER TO THE SITE LAYOUT DRAWINGS WITHIN FOR LAYOUT GEOMETRY INFORMATION FOR ALL SITE ELEMENTS.
  - THE CONTRACTOR SHALL NOTIFY ALL NECESSARY UTILITY COMPANIES 48 HOURS MINIMUM PRIOR TO DIGGING FOR FIELD VERIFICATION OF ALL UTILITIES AND SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION. THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY DISCREPANCIES.
  - ALL EXISTING SITE ROADS, PARKING LOTS, CURBS, UTILITIES, SEWERS AND OTHER ELEMENTS SHALL BE FULLY PROTECTED FROM DAMAGE UNLESS OTHERWISE NOTED.
  - THE CONTRACTOR SHALL COORDINATE ALL WORK WITH SUBCONTRACTORS AND WITH THE GENERAL CONSTRUCTION OF THE PROJECT
  - THE CONTRACTOR IS RESPONSIBLE FOR MEETING REQUIRED SAFETY MEASURES DURING CONSTRUCTION OPERATIONS TO PROTECT THE PUBLIC ACCORDING TO ALL APPLICABLE CODES AND RECOGNIZED LOCAL PRACTICES.
  - THE CONTRACTOR SHALL COORDINATE ACCESS AND STAGING AREAS WITH THE OWNER'S REPRESENTATIVE.
  - ALL PAVEMENT JOINTS ARE TO BE PARALLEL, PERPENDICULAR OR TANGENT TO ADJACENT LINES UNLESS NOTED OTHERWISE. CURVILINEAR JOINTS, AS INDICATED ON THE DRAWINGS, ARE TO BE LAID OUT FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
  - THE CONTRACTOR SHALL MAINTAIN ALL EXISTING EROSION AND SEDIMENTATION CONTROL MEASURES (SILT FENCE, ORANGE GEO FENCE AND/OR OTHER MEASURES) DURING CONSTRUCTION AND PROVIDE ADDITIONAL MEASURES AS NECESSARY TO MINIMIZE ADVERSE IMPACTS AND TO BE IN COMPLIANCE WITH ALL APPLICABLE FEDERAL/STATE AND LOCAL CODES.
  - ALL PROPOSED SURFACES SHALL TIE IN FLUSH TO EXISTING SURFACES. (THE ARCHITECT AND OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY DISCREPANCIES.)
  - ALL WORK AREAS SHALL BE CLEANED AT THE END OF EACH WORK DAY. RUBBISH AND DEBRIS SHALL BE COLLECTED AND DEPOSITED OFF-SITE DAILY. MATERIALS, PRODUCTS AND EQUIPMENT SHALL BE STORED IN AN ORGANIZED FASHION AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE LOCATION OF ALL DRAIN INLETS, CATCH BASINS, YARD DRAINS AND MANHOLES INDICATED ON THE PLANS UNDER PREVIOUS CONSTRUCTION PACKAGES. WHERE POSSIBLE, DRAIN INLETS IN PAVEMENT SHALL BE LOCATED AT THE INTERSECTION OF PAVEMENT JOINTS OR IN THE CENTER OF A PAVEMENT FIELD DEFINED BY THE PAVEMENT JOINT PATTERN INDICATED ON THE DRAWINGS. (THE ARCHITECT AND OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY DISCREPANCIES.)



**1** DEMOLITION PLAN  
1" = 20'



**GENERAL DEMOLITION NOTES**

1. CONTRACTOR TO VISIT THE SITES AND BECOME FAMILIAR WITH THE SURROUNDING AREAS AND THE WORK TO BE DEMOLISHED OR REMOVED.
2. ALL EXISTING MATERIAL, EQUIPMENT, LIGHTS, DOORS, WINDOWS, ETC. ARE THE PROPERTY OF THE OWNER. ALL ITEMS DESIRED BY THE OWNER SHALL BE STORED AS DIRECTED BY THE OWNER. ALL MATERIAL, EQUIPMENT, ETC. UNWANTED BY THE OWNER SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR.
3. DURING DEMOLITION AND CONSTRUCTION, THE CONTRACTOR SHALL PROTECT THE EXISTING BUILDINGS FROM DAMAGE THAT MAY OCCUR FROM WEATHER, FIRE OR ANY OTHER SOURCE OF DAMAGE TO THE EXISTING BUILDING INCLUDING THEFT.
4. CONTRACTOR SHALL COMPARE ARCHITECTURAL PLANS AND SECTIONS WITH SHOP DRAWINGS AND REPORT ANY DISCREPANCY TO ARCHITECT PRIOR TO PURCHASING, FABRICATION OR INSTALLATION OF ANY WORK.
5. CONTRACTOR TO REMOVE ALL WALL SIGNAGE AND STORE FOR POSSIBLE REUSE.
6. CONTRACTOR TO PATCH AND REPAIR ASPHALT AS NEEDED IF DAMAGED DURING DEMOLITION OR CONSTRUCTION.

CONSULTANT

SEAL



ARCHITECT



ADDRESS

**LATTANZI FIELD**  
**SMYRNA, GA**  
**CITY OF SMYRNA**

NO.	DATE	DESCRIPTION
1	11/09/18	GENERAL REVISIONS
2	-/-/-	
3	-/-/-	
4	-/-/-	
5	-/-/-	
6	-/-/-	

Sheet Title:

**DEMOLITION PLAN**

Date: 09/20/18  
Project No.: 201749

**DM1.0**

SEAL



ARCHITECT



21 Puritan Mill | 950 Lowery Blvd, NW | Atlanta, Georgia 30318 | (404) 761-1299

ADDRESS

LATTANZI FIELD

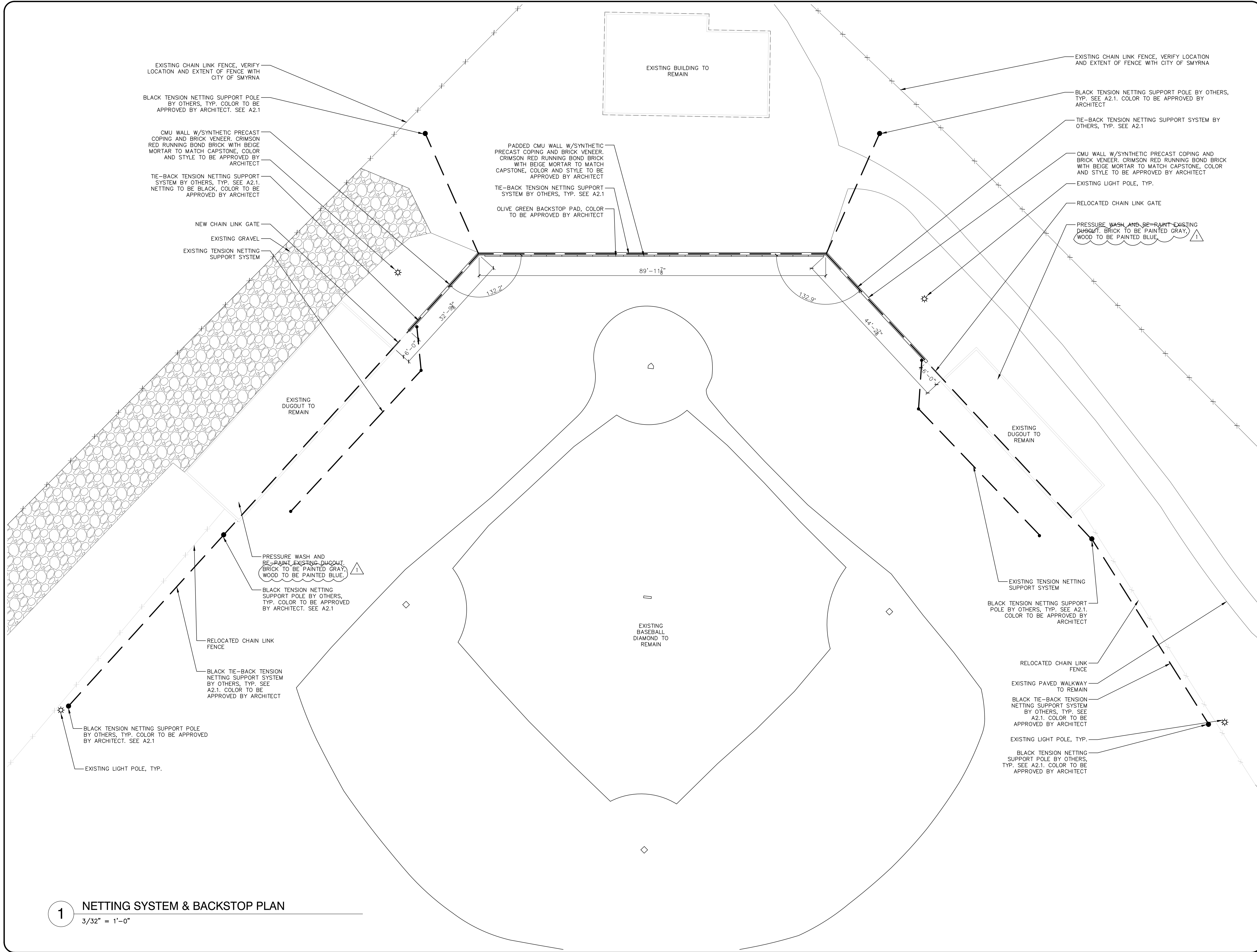
SMYRNA, GA  
CITY OF SMYRNA

NO.	DATE	DESCRIPTION
1	11/09/18	GENERAL REVISIONS
2	-/-/-	
3	-/-/-	
4	-/-/-	
5	-/-/-	
6	-/-/-	

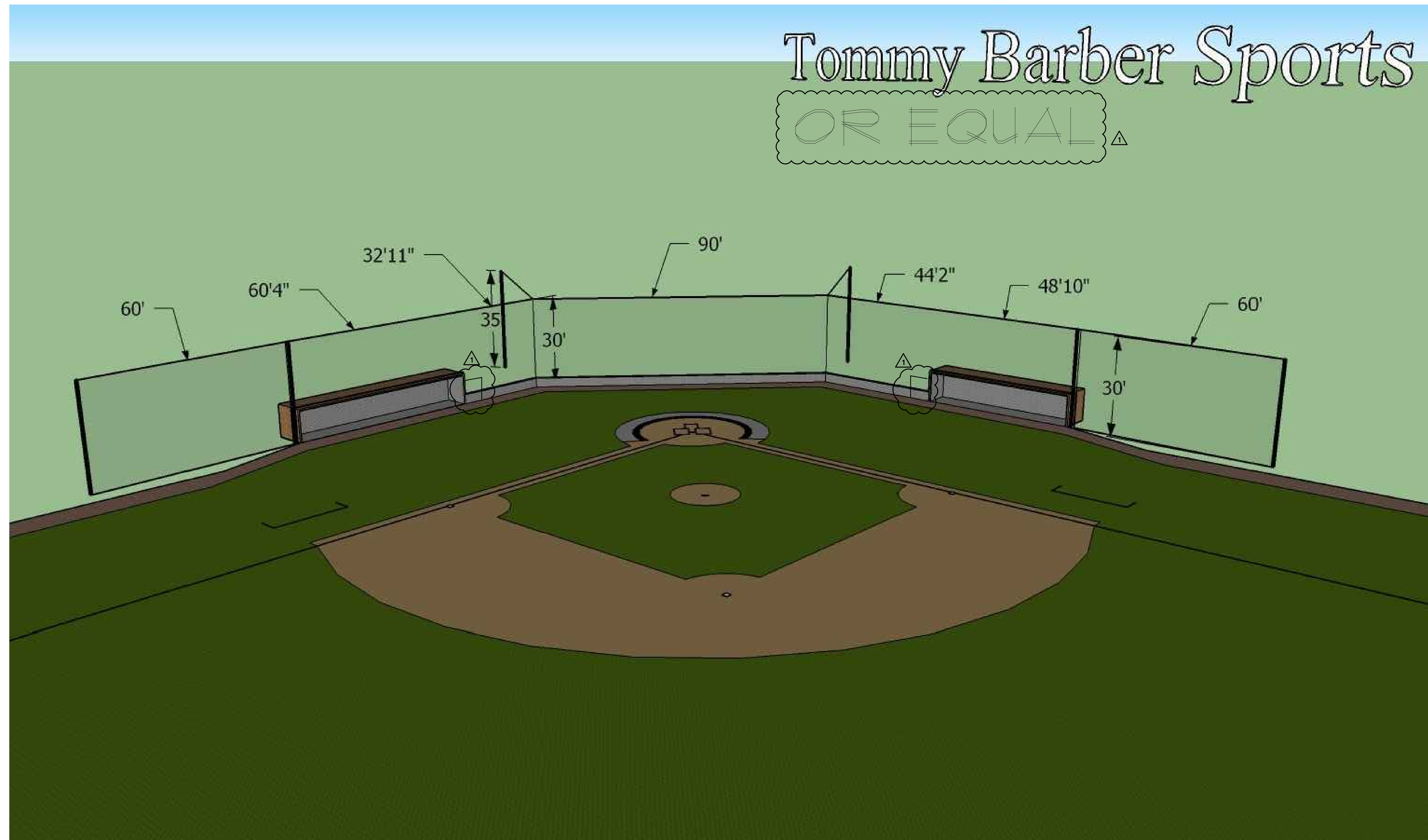
Sheet Title:  
**NETTING SYSTEM  
& BACKSTOP  
PLAN**

Date: 09/20/18  
Project No.: 201749

**A1.0**



**1** NETTING SYSTEM & BACKSTOP PLAN  
3/32" = 1'-0"



# Tommy Barber Sports OR EQUAL <sup>△</sup>

SEAL



ARCHITECT



ADDRESS

**LATTANZI FIELD**

**SMYRNA, GA**  
**CITY OF SMYRNA**

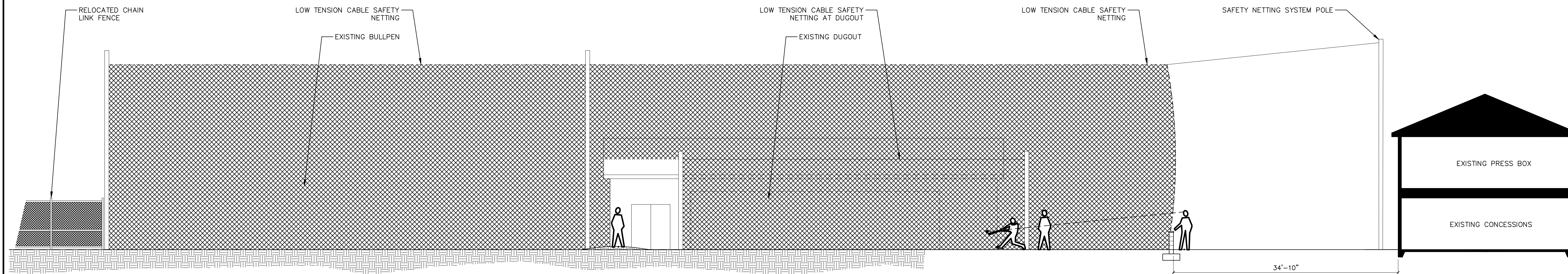
NO.	DATE	DESCRIPTION
1	11/09/18	GENERAL REVISIONS
2	-/-/-	-
3	-/-/-	-
4	-/-/-	-
5	-/-/-	-
6	-/-/-	-

Sheet Title:  
**NETTING SYSTEM  
AXONOMETRIC  
SKETCH**

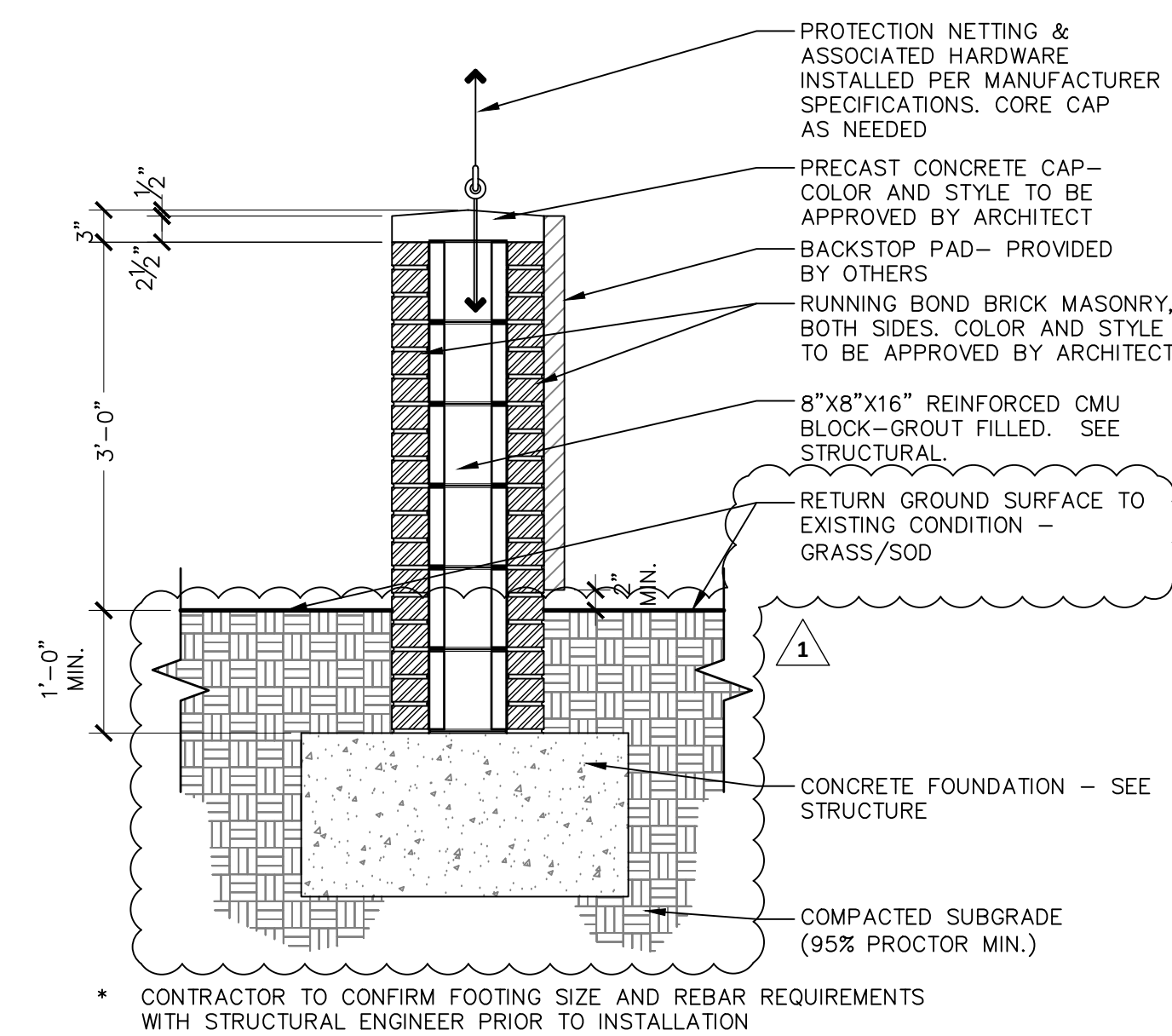
Date: 09/20/18  
Project No.: 201749

**A2.1**

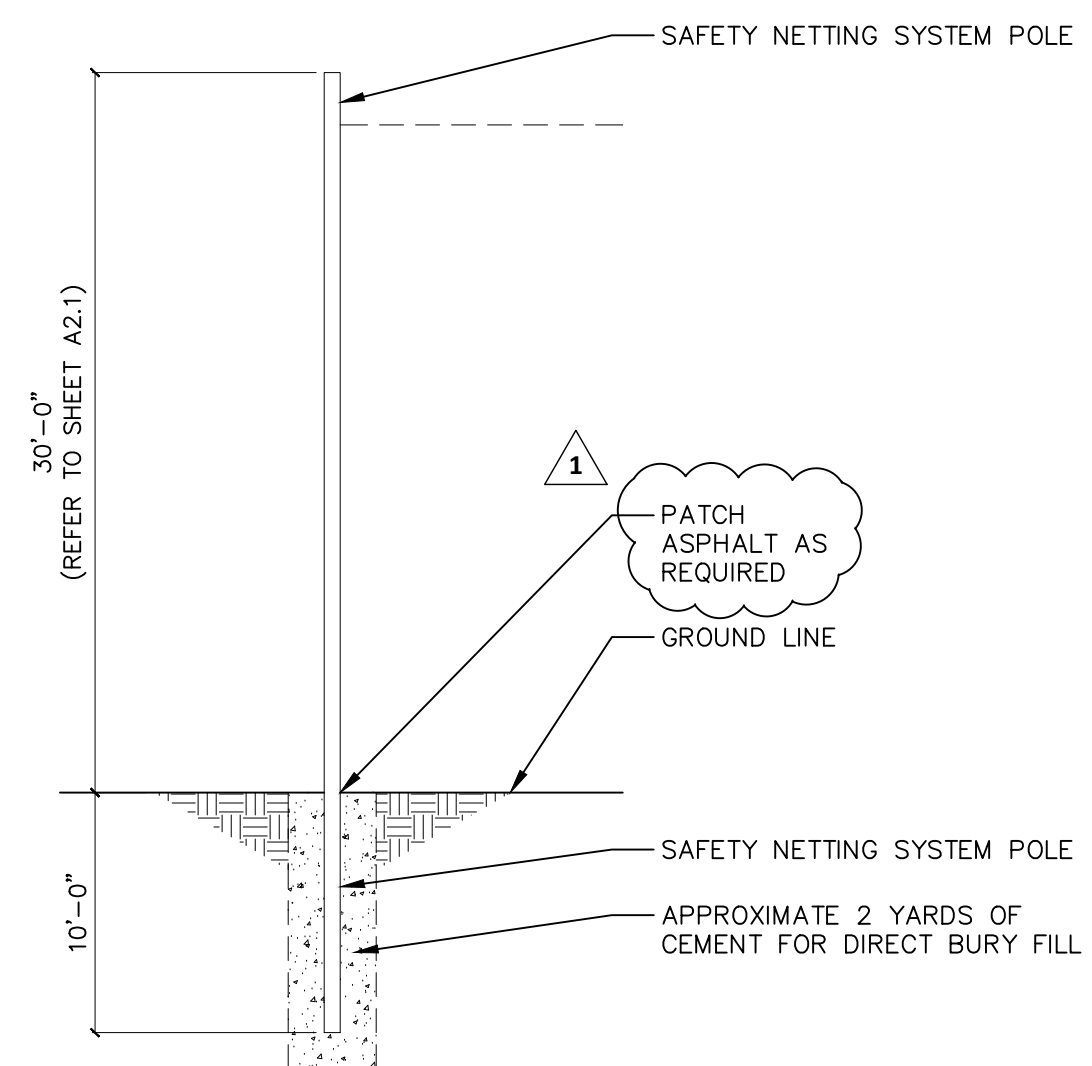
**1** AXONOMETRIC SKETCH OF TENSION NETTING SYSTEM  
NTS



**1** SITE SECTION  
1/8" = 1'-0"



**2** BACKSTOP WALL W/ PAD  
3/4" = 1'-0"



**3** TYPICAL TENSION POLE DIRECT BURY INSTALLATION DETAIL  
1/8" = 1'-0"

CONSULTANT

SEAL



ARCHITECT

**FOLEY DESIGN**

21 Furman Mill | 350 Lowery Blvd., NW | Atlanta, Georgia 30318 | (404) 761-1299

ADDRESS

**LATTANZI FIELD**

**SMYRNA, GA**  
**CITY OF SMYRNA**

NO.	DATE	DESCRIPTION
1	11/09/18	GENERAL REVISIONS
2	-/-/-	
3	-/-/-	
4	-/-/-	
5	-/-/-	
6	-/-/-	

Sheet Title:

**SECTIONS & DETAILS**

Date: 1/11/18  
Project No.: 201749

**A2.0**

**MASONRY NOTES**

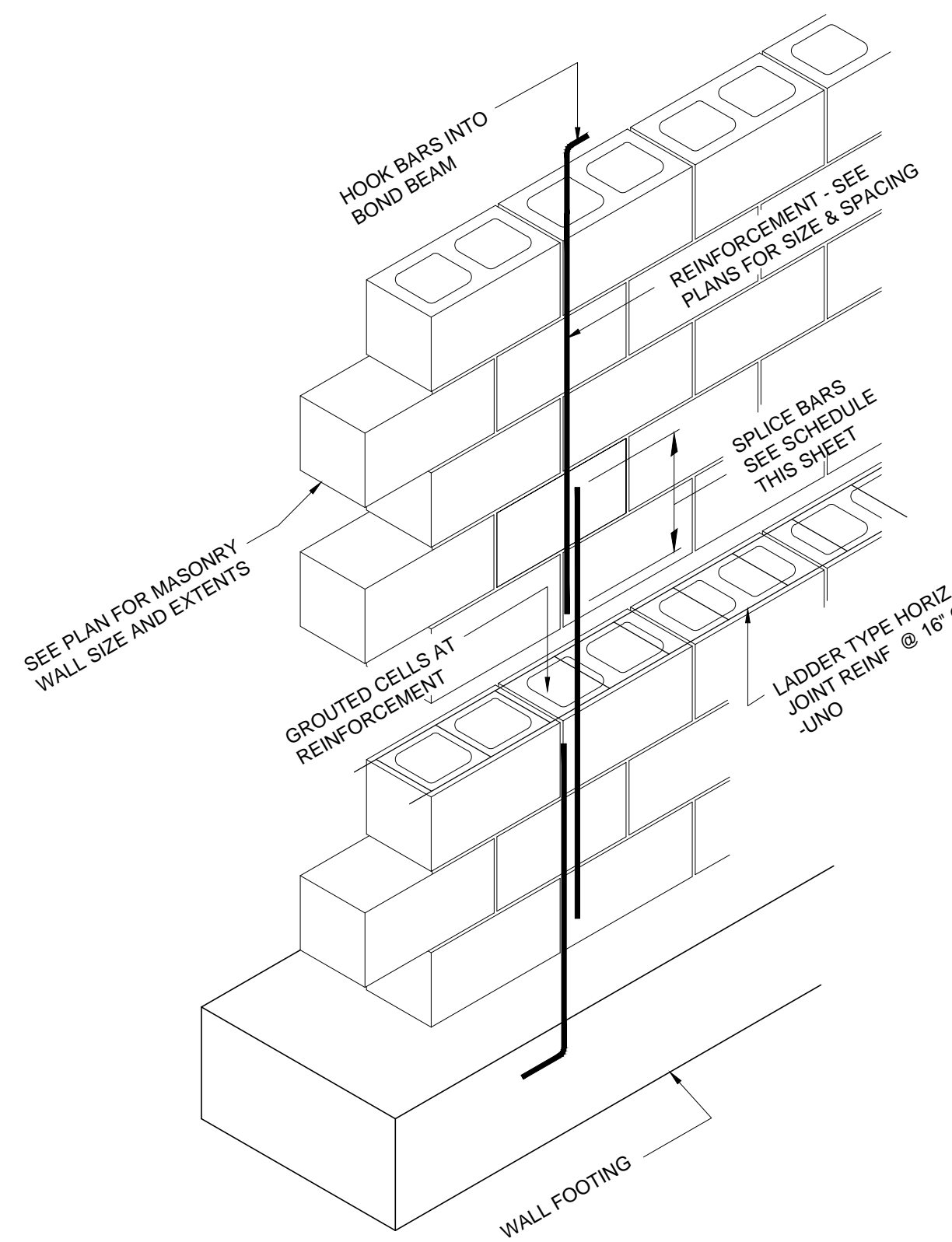
- ALL MASONRY DESIGN AND CONSTRUCTION SHALL CONFORM TO ACI 530-08, ASCE 5-08, TMS 402-08 AND ACI 530.1-08, ASCE 6-08, TMS 602-08.
- MASONRY SHALL BE MEDIUM WEIGHT AND HAVE A MINIMUM COMPRESSIVE STRENGTH, 1' m. OF 1500 PSI BASED ON NET CROSS SECTIONAL AREA. MORTAR SHALL CONFORM TO ASTM C270 TYPE S OR M. GROUT SHALL CONFORM TO ASTM C476, WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
- REINFORCING BARS SHALL CONFORM TO ASTM A 615 GRADE 60 UNLESS NOTED OTHERWISE.
- CONTINUOUS WIRE REINFORCING (JOINT REINFORCING) SHALL BE GALVANIZED LADDER TYPE FABRICATED UNITS WITH A SINGLE PAIR OF 9 GAGE SIDE RODS AND 9 GAGE CROSS RODS FABRICATED FROM COLD DRAWN STEEL WIRE COMPLYING WITH ASTM A82. JOINT REINFORCING SHALL BE SPACED AT 16" OC VERTICALLY IN ALL MASONRY WALLS UNLESS NOTED OTHERWISE.
- ALL REINFORCED CELLS AND ALL CELLS BELOW FINISH FLOOR SHALL BE GROUTED SOLID.
- WHEN A FOUNDATION DOWEL DOES NOT LINE UP WITH A VERTICAL BLOCK CORE, IT SHALL NOT BE SLOPED MORE THAN ONE HORIZONTAL IN SIX VERTICAL. DOWELS MAY BE GROUTED INTO A CELL IN VERTICAL ALIGNMENT EVEN THOUGH IT IS IN AN ADJACENT CELL TO THE VERTICAL WALL REINFORCING.
- REINFORCING STEEL SHALL BE SECURED IN PLACE BEFORE GROUTING STARTS.
- VERTICAL BARS SHALL BE HELD IN POSITION WITH PRE-MANUFACTURED TIES AT TOP AND BOTTOM AND AT INTERVALS NOT EXCEEDING 200 DIAMETERS OF THE REINFORCING NOR 10 FEET.
- VERTICAL CELLS THAT WILL BE GROUTED SHALL HAVE A VERTICAL ALIGNMENT TO MAINTAIN A CONTINUOUS UNOBSTRUCTED CELL AREA NOT LESS THAN 2 1/2" x 3".
- GROUTING SHALL BE STOPPED 1/2" BELOW THE TOP OF A COURSE SO AS TO FORM A KEY AT THE POUR JOINT.
- GROUTING SHALL BE CONSOLIDATED USING A MECHANICAL VIBRATOR PER REQUIREMENTS STATED IN ACI 530-11.
- GROUTING OF MASONRY BEAMS OVER OPENINGS SHALL BE DONE IN ONE CONTINUOUS OPERATION.
- ALL BOLTS INSERTED IN THE WALLS SHALL BE GROUTED SOLIDLY INTO POSITION.
- WHERE EXPANSION BOLTS OR OTHER ANCHORS ARE EMBEDDED INTO THE SIDE OF MASONRY WALLS, THE CELLS SHALL BE FULLY GROUTED AT LEAST 8" ABOVE AND BELOW EACH BOLT OR ANCHOR.
- WHERE NOT OTHERWISE SHOWN, MASONRY WALL FOOTINGS SHALL BE 12" THICK AND HAVE A MINIMUM OF 4" PROJECTION ON EACH SIDE OF WALL. REINFORCE WITH (2) #5 BARS CONTINUOUS TOP AND BOTTOM.
- WALLS SHALL BE GROUTED USING LOW LIFT GROUTING TECHNIQUES.
- ALL MASONRY WALLS SHALL BE ASSUMED TO BE RUNNING BOND, UNLESS NOTED OTHERWISE IN PLAN OR SECTION.

REINFORCING LAP LENGTH SCHEDULE*	
BAR SIZE	LAP LENGTH
#4	21"
#5	32" (6" CMU) 26" (8"/12" CMU)
#6	40"

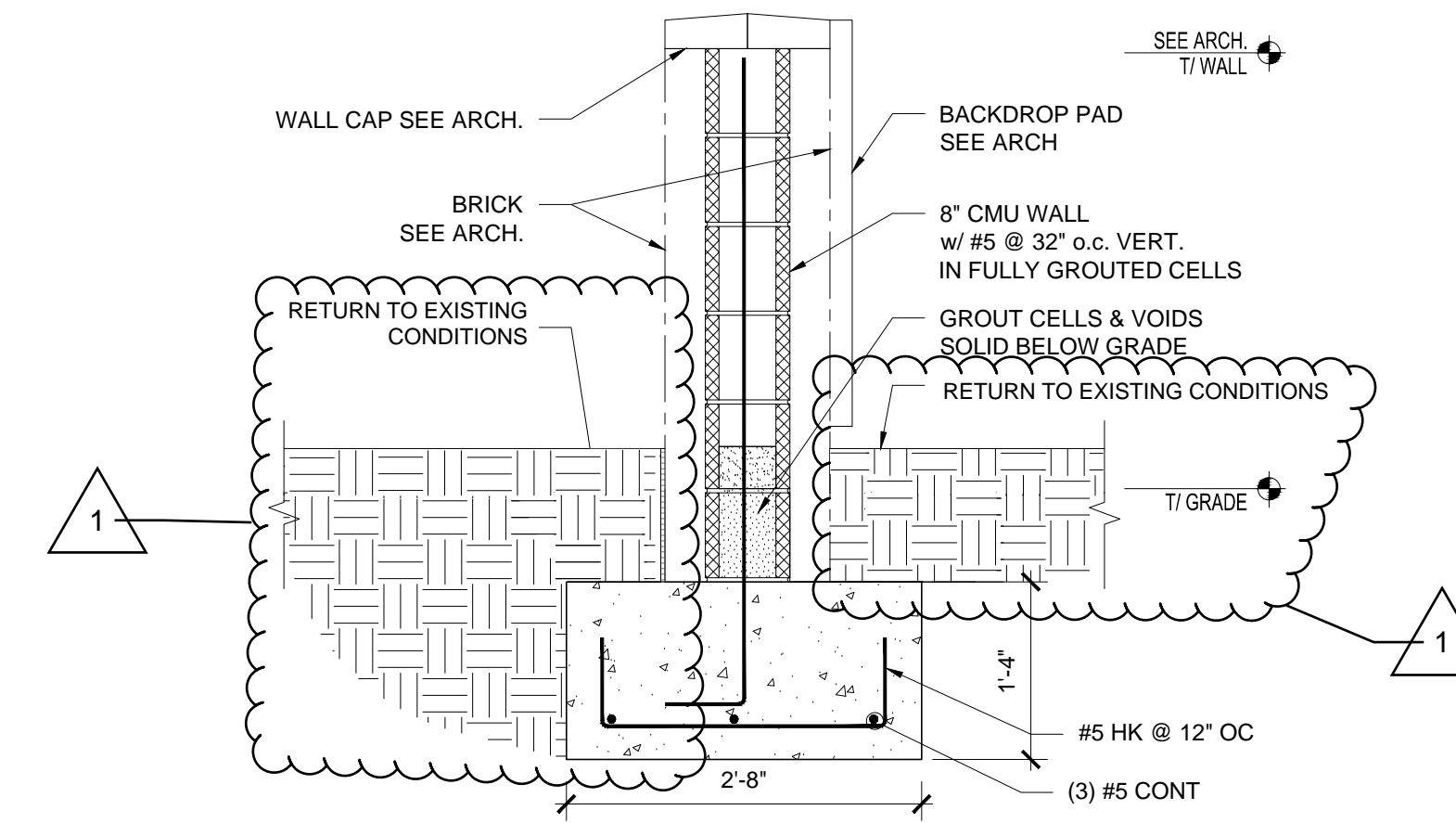
\* LAP LENGTHS APPLY TO 8" OR 12" CMU WITH REINFORCING CENTERED IN CELL (UNO).

**LOW LIFT GROUTING PROCEDURE**

- CONSTRUCT WALL TO HEIGHT OF 5'-0". ALLOW MORTAR TO SET SUFFICIENTLY TO WITHSTAND GROUT PRESSURE.
- INSPECT UNITS FOR ALIGNMENT. CLEAN OUT CELLS TO BE FILLED.
- FILL CELLS TO 1 1/2" BELOW TOP COURSE. DELAY 3 TO 5 MINUTES PRIOR TO CONSOLIDATING TO ALLOW WATER TO BE ABSORBED BY MASONRY



**TYPICAL DETAIL OF LOW-LIFT REINFORCED MASONRY CONSTRUCTION**  
SCALE: N.T.S.



**SECTION @ MASONRY WALL**  
SCALE: 3/4"=1'-0"

**FOUNDATIONS**

- FOUNDATIONS SHALL BEAR ON SOIL CAPABLE OF SUSTAINING AN ASSUMED NET ALLOWABLE BEARING PRESSURE OF 2.0 KSF FOR CONTINUOUS WALL FOOTINGS UNDER FULL SERVICE LIVE AND DEAD LOAD BEARING ON EXISTING SOILS OR NEWLY PLACED STRUCTURAL FILL.
- THE FOOTINGS HAVE BEEN POSITIONED AT THE ESTIMATED ELEVATION WHICH WILL PROVIDE SUITABLE BEARING. HOWEVER, IF ADEQUATE BEARING CAPACITY IS NONEXISTENT AT THESE ESTIMATED ELEVATIONS, THE FOOTING SHALL BE LOWERED TO AN ELEVATION WHERE THE PRESCRIBED SAFE BEARING CAPACITY EXISTS (AS RECOMMENDED BY A QUALIFIED GEOTECHNICAL ENGINEER).
- FOOTINGS MAY BE CAST INTO AN EARTH-FORMED TRENCH IF SOIL CONDITIONS PERMIT.
- EXCAVATION FOR FOOTINGS SHALL BE CUT TO ACCURATE SIZE AND DIMENSIONS AS SHOWN ON PLANS. ALL SOIL BELOW SLABS AND FOOTINGS SHALL BE PROPERLY COMPACTED AND SUBGRADE BROUGHT TO A REASONABLE TRUE AND LEVEL PLANE BEFORE PLACING CONCRETE.
- IN AREA OF THE BUILDING, EXISTING ORGANIC MATERIAL, UNSUITABLE SOIL, ABANDONED FOOTINGS AND ANY OTHER EXISTING UNSUITABLE MATERIALS SHALL BE REMOVED. ANY FILL MATERIAL REQUIRED AT THE SITE SHALL BE OF A SIMILAR TYPE SOIL THAT IS PRESENT AT THIS SITE AND APPROVED BY A QUALIFIED GEOTECHNICAL ENGINEER. ROCKS GREATER THAN 6 IN. SHALL BE EXCLUDED FROM STRUCTURAL FILL LIFTS. FILL MATERIAL SHALL BE PLACED IN LOOSE LIFTS NO GREATER THAN 12 INCHES IN DEPTH AND SHALL BE COMPACTED TO AT LEAST 95% OF THE MATERIALS MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED COMPACTION TEST (ASTM D1557). THE UPPER 12" OF FILL BENEATH STRUCTURAL AREAS SHOULD BE COMPACTED TO 98% OF THE MAXIMUM STANDARD PROCTOR DENSITY. ADEQUATE FIELD DENSITY AND MOISTURE CONTENT TESTS SHALL BE PERFORMED BY AN INDEPENDENT TESTING AGENCY TO ENSURE COMPLIANCE.
- FOOTING CONCRETE SHALL BE CAST ON THE SAME DAY THE EXCAVATION IS APPROVED. IF THE BEARING SURFACE IS ALLOWED TO BECOME DISTURBED IN ANY WAY, IT SHALL BE REWORKED TO THE SATISFACTION OF AN INDEPENDENT TESTING AGENCY PRIOR TO CASTING OF THE CONCRETE.
- ALL EXCAVATIONS AND STRUCTURE BEARING PADS SHALL BE INSPECTED BY AN INDEPENDENT TESTING AGENCY PRIOR TO CONCRETE PLACEMENT. THE INDEPENDENT TESTING AGENCY SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING MATERIAL.
- BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BEAR A MINIMUM OF 1'-8" BELOW FINAL GRADE FOR FROST PROTECTION.
- NO EXCAVATION SHALL BE CLOSER THAN AT A SLOPE OF 2:1 (2 HORIZONTAL TO 1 VERTICAL) TO A FOOTING. PROVIDE SHORING AND PROTECTION FOR EXCAVATION BANKS AS NECESSARY TO PRESERVE SAFETY AND PREVENT CAVING.
- ALL BEARING STRATA SHALL BE ADEQUATELY DRAINED BEFORE FOUNDATION CONCRETE PLACED.
- THE CONTRACTOR SHALL PROVIDE AN ADEQUATE DRAINAGE SYSTEM FOR ALL BACKFILL CONDITIONS PER CIVIL AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- THERE SHALL BE NO HORIZONTAL OR VERTICAL CONSTRUCTION JOINTS IN ANY FOOTING WITHOUT PRIOR WRITTEN APPROVAL FROM ENGINEER.
- THE SITE SHALL BE PREPARED IN ACCORDANCE WITH CIVIL DRAWINGS PROJECT SPECIFICATIONS AND THE REPORT OF GEOTECHNICAL INVESTIGATION AS PREPARED BY CERM (PROJECT No. 2018-1960-009) AND DATED SEPTEMBER 07 2018. A QUALIFIED GEOTECHNICAL ENGINEER SHALL VERIFY ALL ASSUMPTIONS AND REPORT ANY VARIATIONS OR DISCREPANCIES TO THE ENGINEER.

**CONCRETE**

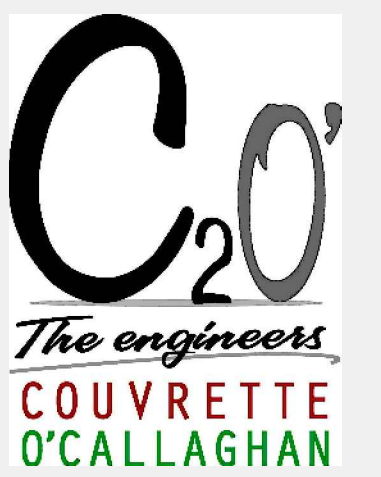
- ALL CONCRETE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 318-11 AND ACI 301-05.
- CEMENT USED SHALL BE TYPE I OR III CONFORMING TO ASTM C-150. CONCRETE SHALL DEVELOP A MINIMUM 28 DAY STRENGTH AND DENSITY AS FOLLOWS:

FOOTINGS	STRENGTH (PSI)	DENSITY (PCF)	W/C RATIO
1	3000	145 - 150	0.5
- AGGREGATE SHALL BE WELL GRADATED AND SHALL CONFORM TO THE FOLLOWING:

FOOTINGS, PIERS, WALLS, SLAB ON GRADE (DENSITY 145 - 150 PCF)	1" COARSE AGGREGATE (ASTM C-33)
1	1
- CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW IN ADVANCE OF CONCRETE PLACEMENT. CONCRETE MIX DESIGN SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS BY EITHER THE TRIAL BATCH OR FIELD EXPERIENCE METHOD AND SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROJECT STATE. RESULTS OF ALL COMPRESSIVE STRENGTH TESTS SHALL BE MADE AVAILABLE AT THE JOB SITE FOR REVIEW BY THE INSPECTOR.
- ALL MIXING, TRANSPORTING, PLACING AND CURING OF CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE.
- NO ADDITIONAL WATER SHALL BE ADDED TO CONCRETE AT THE JOB SITE.
- MINIMUM CONCRETE COVER UNLESS NOTED OTHERWISE:

A. #11 BARS AND SMALLER:	3/4 INCHES
B. UNFORMED SURFACE IN CONTACT WITH THE GROUND:	3 INCHES
C. BASEMENT WALLS:	2 INCHES EXTERIOR 3/4 INCHES INTERIOR
D. FORMED SURFACES EXPOSED TO EARTH OR WEATHER:	#6 BARS AND LARGER: 2 INCHES #5 BARS AND SMALLER: 1 1/2 INCHES
E. FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER:	BEAMS, GIRDERS AND COLUMNS: 1 1/2 INCHES SLABS, WALLS, AND JOISTS: 3/4 INCHES
- PLACEMENT OF CONCRETE, COLD WEATHER AND HOT WEATHER PRECAUTIONS, MATERIAL AND PROPORTIONING REQUIREMENTS, REBAR COVER AND DETAILING SHALL CONFORM TO REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE (ACI) 318-11.
- REINFORCING STEEL AND ACCESSORIES SHALL BE DETAILED IN ACCORDANCE WITH ACI 315-99 (MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES) AND CRSI MSP-1 "MANUAL OF STANDARD PRACTICE", LATEST EDITION.

CONSULTANT



SEAL



ARCHITECT

FOLEY DESIGN  
21 Puritan Mill | 1920 Lowery Blvd, NW | Atlanta, Georgia 30318 | (404) 761-1299

ADDRESS

**LATTANZI FIELD**  
**CAMPBELL HIGH SCHOOL**  
**COBB COUNTY SCHOOL DISTRICT**

NO.	DATE	DESCRIPTION
1	11/09/18	GENERAL REVISIONS
2	-/-/-	-
3	-/-/-	-
4	-/-/-	-
5	-/-/-	-
6	-/-/-	-

Sheet Title:

**GENERAL NOTES AND SECTIONS**

Date: 09/12/18  
Project No.: 201749

**S1-1**