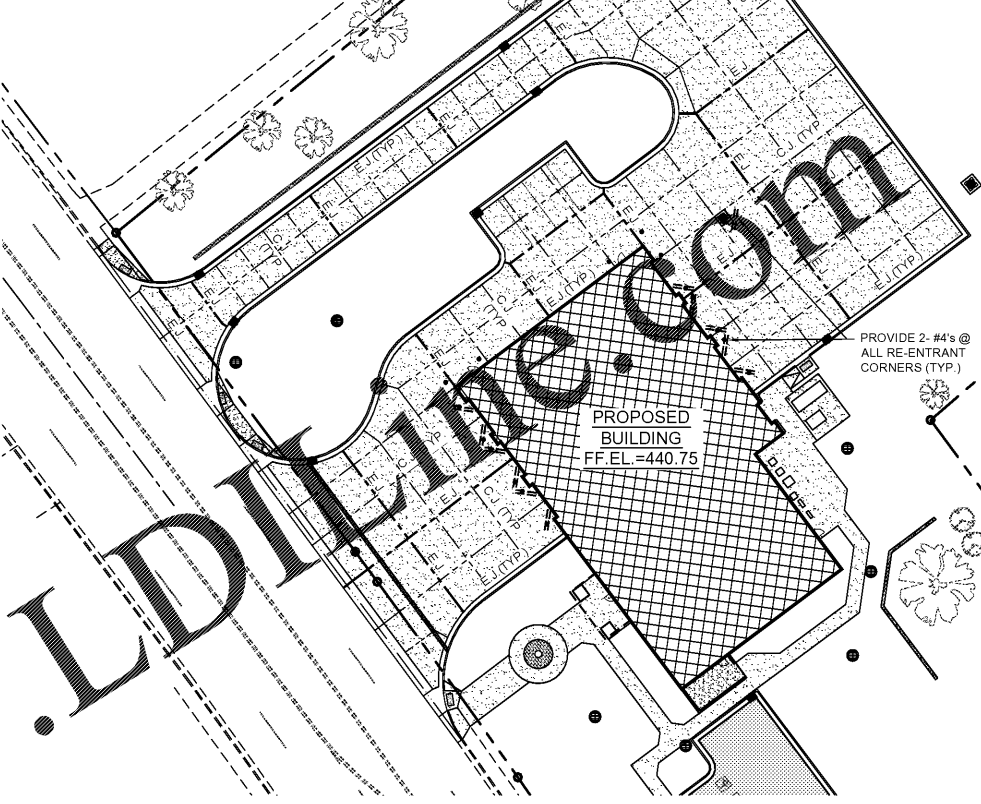


2 CONCRETE JOINTING PLAN

NOTE:
SEE DETAIL 7/C-601 FOR JOINT DETAILS.



CONCRETE TABLE

LOCATION	MIN. 28-DAY STRENGTH	MIN. CEMENT CONTENT	SLUMP	ENTRAIN. AIR CONTENT	MAX. AGGR. SIZE
SIDEWALK & CURBS	3,000 PSI	5.5 BAG/YD ³	4"±1"	4.6%	1"
CONC. PAD & RAMPS	4,000 PSI	6.3 BAG/YD ³	2.5"±0.5"	4.6%	1-1/2"

LAYOUT AND STAKING NOTES:

- SITE SPECIFIC:**
- ALL DIMENSIONS AND/OR COORDINATES ARE FROM FACE OF CURB, EDGE OF CONCRETE/PAVEMENT AND/OR FACE OF BUILDING.
 - BUILDING COORDINATES ARE APPROXIMATE.
 - BUILDING AND PARKING LOT ACCESS SHALL BE CONSTRUCTED IN COMPLIANCE WITH ALL 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, OR MOST CURRENT EDITION.
 - COORDINATE ALL CONCRETE JOINTS, SCORING PATTERNS, TEXTURE & COLOR WITH OWNER TO MATCH EXISTING.
 - ALL PAVEMENT MARKINGS AND SIGNAGE TO BE IN ACCORDANCE WITH CITY OF NORTH AUGUSTA, S.C.D.O.T., AASHTO, AND MUTCD.
 - THE CONTRACTOR SHALL NOTIFY AND RECEIVE APPROVAL FOR THE METHOD, SPACING REQUIREMENTS, AND SCHEDULING OF CONSTRUCTION FROM THE OWNER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - THE CONTRACTOR SHALL MAINTAIN EXISTING TRAFFIC AT ALL TIMES DURING CONSTRUCTION.
 - THE CONTRACTOR SHALL REPAIR OR REPLACE AT NO COST TO THE OWNER ANY DAMAGE INCURRED TO ABOVE OR BELOW GROUND UTILITY SERVICES OR ANY EXISTING STRUCTURES.
 - EXCESS EARTH MAY BE STOCKPILED ON-SITE AS DIRECTED BY THE OWNER. STOCKPILE SHOULD NOT OBSTRUCT NATURAL DRAINAGE OR CAUSE OFFSITE ENVIRONMENTAL DAMAGE.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LOCATIONS, CONDITIONS AND COMPLETENESS OF ALL EXISTING CONSTRUCTION SHOWN BEFORE COMMENCEMENT OF CONSTRUCTION. CONTACT ENGINEER AND/OR OWNER IN WRITING REGARDING DISCREPANCIES.
 - PROVIDE TWO (2) SCHED. 40 PVC (TYP.) AT SIDEWALKS, AND CURB ISLANDS AS SHOWN ON LAYOUT AND STAKING PLAN SHEET C-101. COPPER WIRE (12 GAGE, BARE SINGLE STRAND) SHALL BE ATTACHED ALONG TOP OF ALL BURIED CONDUIT LINES AND WRAPPED AROUND END SECTIONS FOR LOCATING PURPOSES (DET. 10/C-602).
 - LIGHTING LOCATION AND INSTALLATION TO BE DESIGNED AND CONDUCTED BY OTHERS IN COORDINATION WITH SCE&G.
- EARTHWORK**
- PROOFROLLING - TO DETECT ANY SOFT ZONES IN THE PROJECT AREA, THE ENTIRE AREA SHALL BE PROOFROLLED WITH A LOADED TANDEM AXLE TRUCK MAKING OVERLAPPING TRANSVERSE PASSES IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. AREAS THAT ARE OBSERVED TO DEFLECT OR RUT, WILL BE REMEDIATED PER OWNER'S REPRESENTATIVE. PROOFROLLING WILL BE REQUIRED FOR SUBGRADE AND BASE COURSES.

- CONCRETE**
- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
 - ACI 318-89.
 - POLYPROPYLENE FIBERS SHALL BE PER ASTM C1116.
 - CONCRETE TABLE PROVIDED BELOW.

PARKING REQUIREMENTS:

PER THE NORTH AUGUSTA DEVELOPMENT CODE, ARTICLE 12, TABLE 12-1, ROW 7.5 (FIRE, SHERIFF, AND EMERGENCY SERVICES), PARKING REQUIREMENTS ARE TO BE DETERMINED AT SITE APPROVAL.

- 11 PAVED PARKING SPACES PROVIDED
- 7 OVERFLOW PARKING SPACES PROVIDED
- 18 TOTAL SPACES PROVIDED

LAND DEVELOPMENT REQUIREMENTS:

SETBACKS:
SITE ZONING P (PUBLIC) HAS NO MINIMUM SETBACKS. PROPOSED BUILDING SHOWN IS LOCATED ±60' OFF OF THE FRONT PROPERTY LINE.

BUFFERS:
ALL PROPERTY LINES ADJACENT TO R-14 (SINGLE FAMILY RES.) ARE REQUIRED TO PROVIDE 15' LANDSCAPE BUFFERS. SEE L-101 FOR BUFFER LOCATIONS AND REQUIREMENTS.

1 SITE LAYOUT AND STAKING PLAN

NOTE:
SEE DETAIL 10/C-101 FOR JOINT DETAILS.

ROAD SIGN & STRIPING LEGEND:

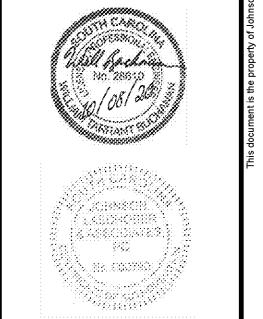
- | | |
|----------|--------------------------|
| DSYL | DOUBLE SOLID YELLOW LINE |
| 24SB | 24" STOP BAR |
| (#)(C)ST | (WIDTH)(COLOR) STRIPE |
- NOTE:
ALL PAVEMENT MARKINGS ON SCDOT R/W TO BE THERMOPLASTIC.
- | | |
|----|---|
| ① | STOP SIGN R1-1 24" (36" WITHIN R/W) |
| ② | EMERGENCY VEHICLES ENTRANCE ONLY SIGN (24"x30") |
| ③ | DO NOT ENTER SIGN R5-1 |
| ④ | HDCP. PARKING SIGN R7-8 |
| ④A | HDCP. VAN ACCESSIBLE SIGN R7-8PS |
- NOTE: PAVEMENT MARKINGS AND SIGNAGE ARE TO BE IN ACCORDANCE WITH SOUTH CAROLINA D.O.T. AND M.U.T.C.D.

UTILITY WARNING:
The underground utilities shown have been located from field survey information and existing drawings. The engineer makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The engineer further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The engineer has not physically located the underground utilities.



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CLIENT: CITY OF NORTH AUGUSTA, SC
100 GEORGIA AVENUE, NORTH AUGUSTA, SC 29841
PROJECT NAME: NORTH AUGUSTA FIRE STATION 1 RELOCATION
PROJECT LOCATION: 311 W. MARTINTOWN ROAD, NORTH AUGUSTA, SC 29841



REV	DATE	BY	DESCRIPTION
0	10/08/20	WTB	ISSUED FOR BID

PROJECT NO. 3057.2003
DRAWN BY: JNR
CHECKED BY: WTB
DATE: 10/08/2020

SHEET TITLE: SITE LAYOUT AND STAKING PLAN

SCALE: 1" = 30'
DRAWING NO. **C-101**
REV. 0

Stewart - Cooper - Newell Architects
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