

GENERAL REQUIREMENTS

REFER TO SUBSEQUENT PLAN AND DETAIL NOTES FOR VARIATIONS AND REQUIREMENTS SPECIFIC TO REFERENCED PROJECT.

NOTES ON DRAWINGS TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES.

DESIGN CRITERIA

BUILDING CODE CONFORMANCE (MEETS OR EXCEEDS REQUIREMENTS):

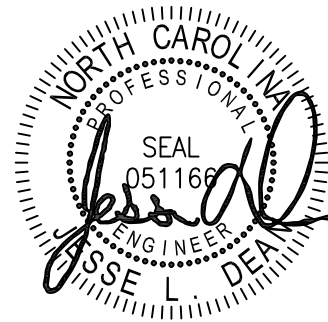
- 2015 INTERNATIONAL BUILDING CODE (IBC)
- 2015 INTERNATIONAL RESIDENTIAL CODE (IRC)
- 2018 NORTH CAROLINA BUILDING CODE (NCBC)
- 2018 NORTH CAROLINA RESIDENTIAL CODE (NCRC)

DEAD LOADS:

FLOOR DEAD LOAD 15 PSF
 INTERIOR WOOD WALL DEAD LOAD 9 PSF

LIVE LOADS:

FLOOR LIVE LOAD (RESIDENTIAL) 40 PSF



EXPIRES: 12/31/21
 DATE SIGNED: MM/DD/YY



COLEMAN RESIDENCE
FLOOR SUPPORT
 736 COLONIAL HILLS DR
 LILLINGTON, NC 27546

FSI SMARTJACK SYSTEM INFO				
PART	DESCRIPTION	COMMENTS	MIN YIELD STRESS, F _y	MIN TENSILE STRESS, F _u
SJQ350T	ASTM A500 GRADE C HD GALV, PER ASTM 123, HSS 3 1/2x3 1/2x0.095"x'L' SQUARE TUBE		50 KSI	62 KSI
SJQ125ATR	ASTM A108 GRADE 1018 1 1/4"Øx0'-10"L THREADED ROD W/ WELDED HEAVY HEX NUT		54 KSI	64 KSI
SJQ350BP-A	ASTM A36 P 5/16x12x1'-0" ASTM A36 BENT P 0.120"	CRUSHED STONE FTG CONDITION PER PLAN	36 KSI 36 KSI	58 KSI 58 KSI
SJQ350TP-A	ASTM A36 P 3/8x4 1/2x0'-4 1/2" ASTM A53 GRADE B 1 3/4"Øx1 1/4"x1 3/8"L CONFINING RING	WOOD BEAM CONDITION	36 KSI 35 KSI	58 KSI 60 KSI
SJQ350TI	ASTM A36 BENT P 0.120" ASTM A572 GRADE 50 P 3/4x3.63x0'-3.63" W/ 1 1/4"Ø THREAD TAP		36 KSI 50 KSI	58 KSI 65 KSI

NOTE:

INSTALL PER MFR RECOMMENDATIONS

GENERAL NOTES

REVISIONS

PROJECT NO:
SE21-344
 DESIGNED BY:
GF
 DRAWN BY:
GF
 CHECKED BY:
JLD
 DATE:
11.11.2021

SHEET NO:

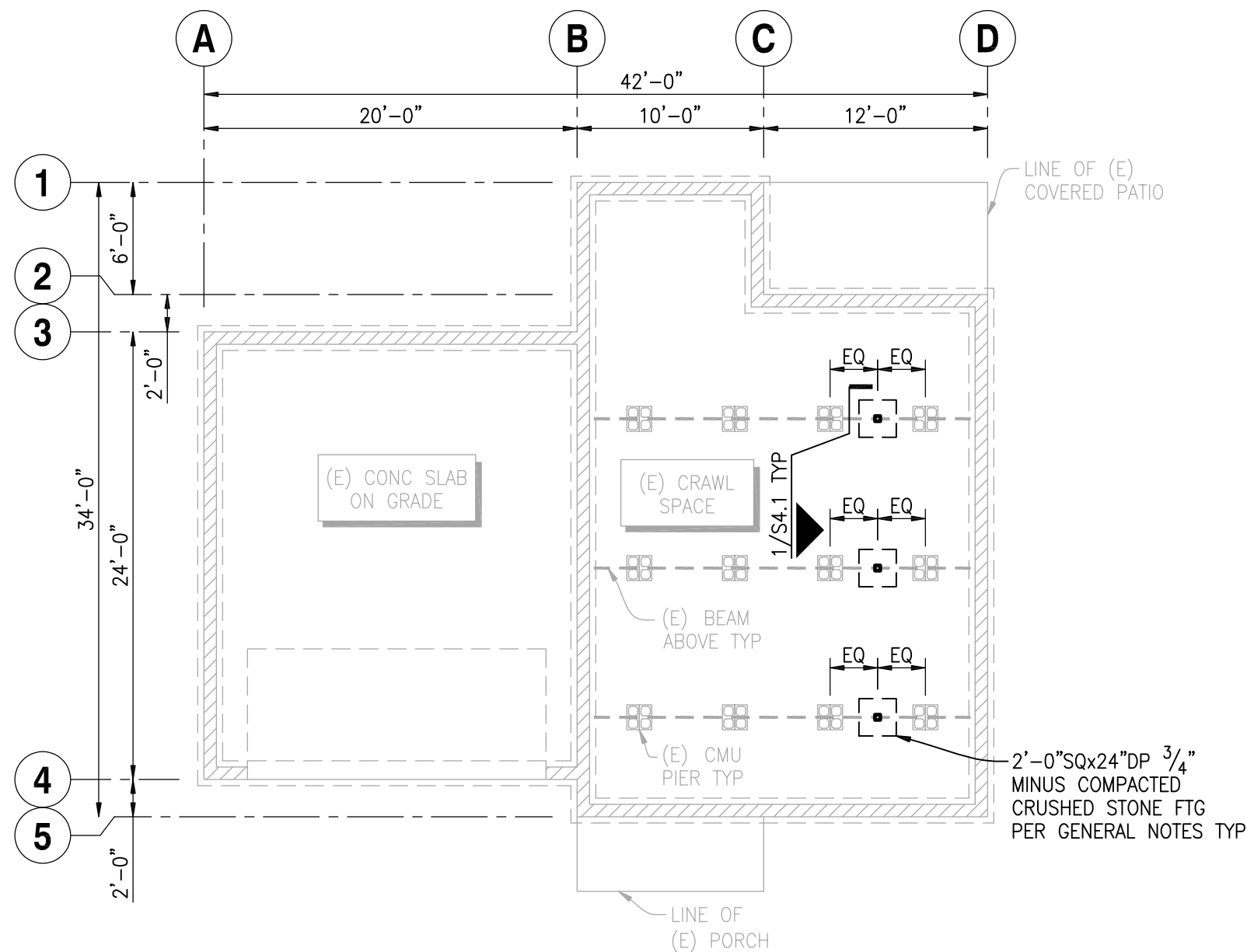
S1.1



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(E) FOUNDATION/(N) SMARTJACK LAYOUT PLAN NOTES:

1. REFERENCE S1.1 FOR GENERAL REQUIREMENTS
2. CONTRACTOR TO NOTIFY ENGINEER OF RECORD OF DISCREPANCIES BETWEEN FIELD CONDITIONS & THOSE SHOWN IN THESE DOCUMENTS PRIOR TO WORK TYP
3. INDICATES (E) CMU STEMWALL ON (E) CONC FOOTING (NOTIFY ENGINEER OF RECORD IF FIELD CONDITIONS DIFFER IN THE AREA OF WORK))
4. SECTION CUT - DETAIL NUMBER/SHEET NUMBER
X/SX.X
5. INDICATES LOCATION OF FSI SJQ350 SMARTJACK ((3) TOTAL)
MAX LOAD TO SMARTJACK = 999 LBS
6. CONTRACTOR SHALL NOT REMOVE ANY (E) POSTS OR PRE-CAST FOOTINGS SUPPORTING THE (E) FLOOR FRAMING
7. FILL ALL VISIBLE CRACKS IN THE FOUNDATION WALL WITH HYDRAULIC CEMENT OR EPOXY
8. ALL CONSTRUCTION MATERIALS IN THESE DOCUMENTS ARE (N) UNO

(E) FOUNDATION/(N) SMARTJACK LAYOUT PLAN

SCALE: 1/8" = 1'-0"

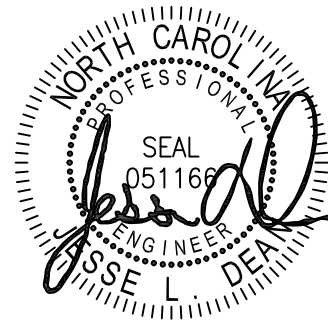


(E) FDN/(N)
 SMARTJACK
 LAYOUT PLAN

REVISIONS	

PROJECT NO:
 SE21-344
 DESIGNED BY:
 GF
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 GF
 CHECKED BY:
 JLD
 DATE:
 11.11.2021

SHEET NO:
S2.1

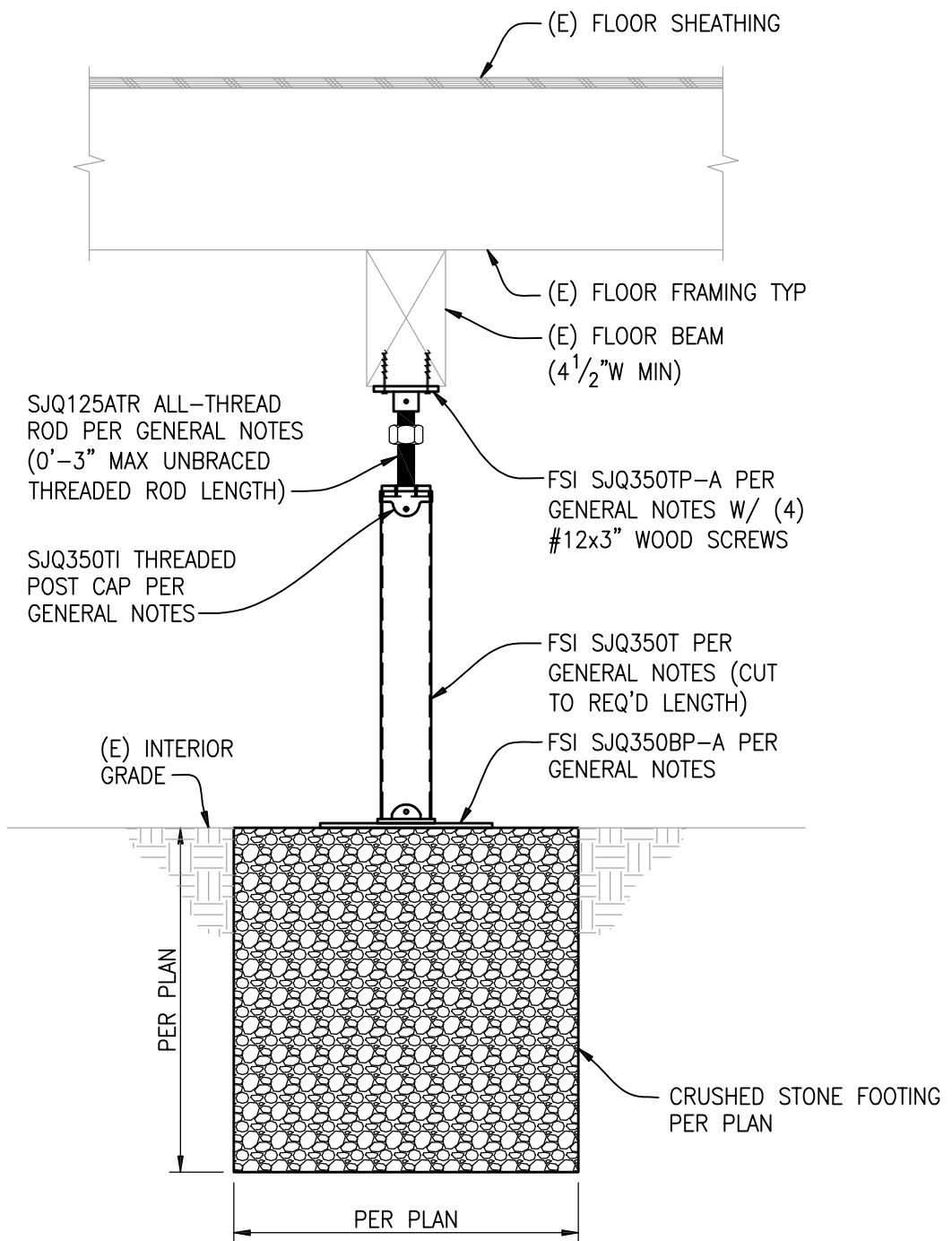


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NOTES:

1. REF PLAN FOR LAYOUT & INSTALLATION REQ'S
2. INSTALL PER MFR RECOMMENDATIONS

FSJQ350 SMARTJACK IN CRAWLSPACE

SCALE: 1"=1'-0"

1

SMARTJACK
 DETAILS

REVISIONS

PROJECT NO:
 SE21-344
 DESIGNED BY:
 GF
 DRAWN BY:
 GF
 CHECKED BY:
 JLD
 DATE:
 11.11.2021

SHEET NO:
S4.1