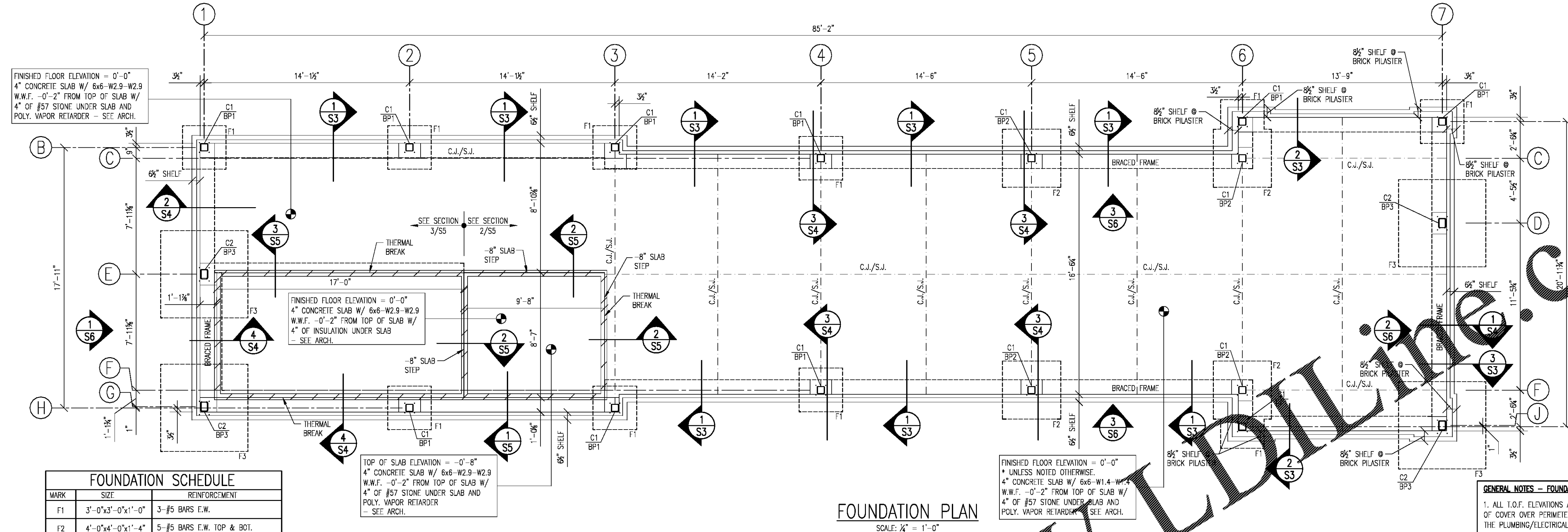


FOUNDATION PLAN

SCALE: ¼" = 1'-0"

NOTE: DIMENSIONS SHOWN ARE OUT TO OUT OF CMU/CONC.

NOTE: FIBER REINFORCED CONCRETE SLAB IS AN ACCEPTABLE ALTERNATIVE STRUCTURALLY TO THE WIRE REINFORCED CONCRETE SHOWN ON THE PLANS. GC TO CONSULT W/ ARCH. IF FIBER REINFORCED CONCRETE IS ACCEPTABLE.

COLUMN SCHEDULE			
MARK	DESCRIPTION	T.O.F.	BOTTOM OF BP
C1	HSS6x6x[illegible]	-1'-[illegible]"	-1'-2½"
C2	HSS8x6x½	-1'-4"	-1'-2½"

Fy = [illegible]ksi (HSS SHAPE)
Fy = [illegible]ksi (CHANNEL)

FOUNDATION SCHEDULE		
MARK	SIZE	REINFORCEMENT
F1	3'-0"x3'-0"x1'-0"	3-#5 BARS E.W.
F2	4'-0"x4'-0"x1'-4"	5-#5 BARS E.W. TOP & BOT.
F3	6'-0"x6'-0"x2'-6"	7-#6 BARS E.W. TOP & BOT.

f'c = 3500psi

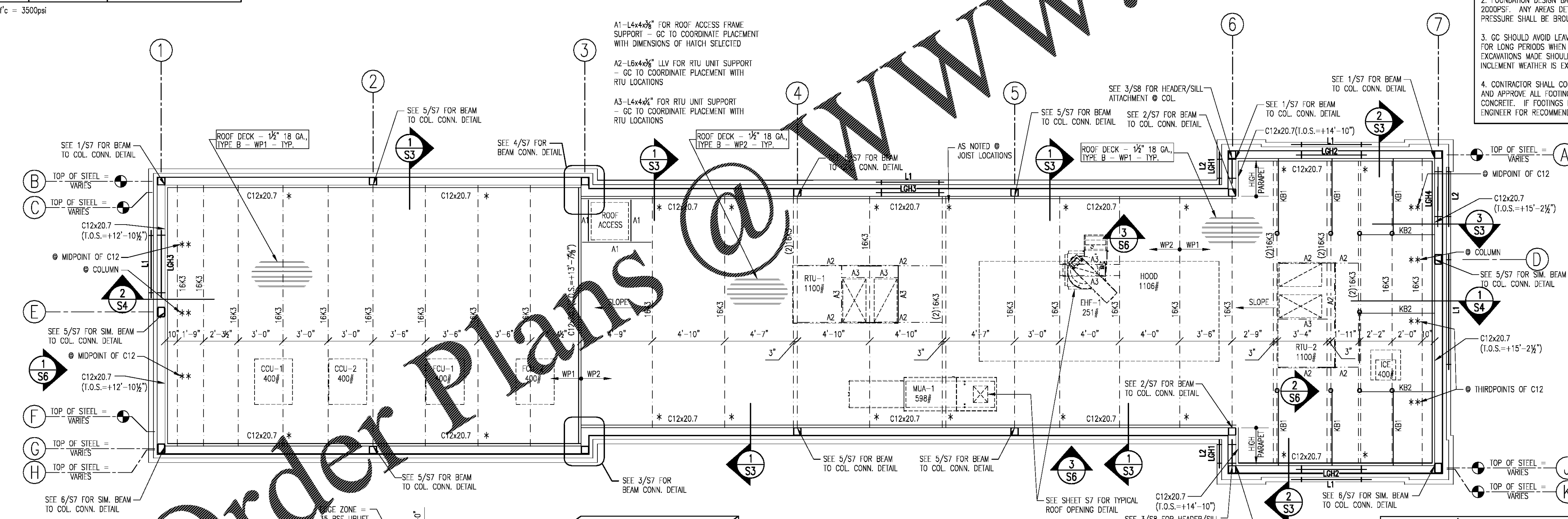
GENERAL NOTES – FOUNDATION PLAN:

1. ALL T.O.F. ELEVATIONS ARE -1'-4" B.F.F.E. U.N.O.. MAINTAIN A 10" MINIMUM OF COVER OVER PERIMETER WALL T.O.F.'s TYPICAL. GC SHALL COORDINATE WITH THE PLUMBING/ELECTRICAL CONTRACTOR FOR STEP DOWNS IN THE T.O.F.'s AS INDICATED TO ALLOW PLUMBING/ELECTRICAL TO EXIT THE BUILDING.

2. FOUNDATION DESIGN BASED ON A PRESUMPTIVE SOIL BEARING PRESSURE OF 2000PSF. ANY AREAS DETERMINED NOT TO PROVIDE THIS STATED SOIL BEARING PRESSURE SHALL BE BROUGHT TO THE ENGINEERS ATTENTION.

3. GC SHOULD AVOID LEAVING OPEN TRENCH EXCAVATIONS FOR THE FOOTINGS FOR LONG PERIODS WHEN INCLEMENT WEATHER IS ANTICIPATED. IN GENERAL ALL EXCAVATIONS MADE SHOULD BE POURED ON THE DAY OF THE EXCAVATION IF INCLEMENT WEATHER IS EXPECTED.

4. CONTRACTOR SHALL COORDINATE FOR LOCAL INSPECTING AUTHORITY TO REVIEW AND APPROVE ALL FOOTING TRENCHES PRIOR TO THE PLACEMENT OF ANY FOOTING CONCRETE. IF FOOTINGS FAIL INSPECTION CONTRACTOR SHALL CONTACT THE ENGINEER FOR RECOMMENDATIONS.



NOTE: FULL PARAPET CONDITION REQUIRES DRAINAGE/OVERFLOW SCUPPERS - SEE ARCH./PLUMBING DWGS.

ROOF FRAMING PLAN

SCALE: ¼" = 1'-0"

C12 BRACE LOCATIONS (SEE PLAN):

* - L3x3x¼ BOTTOM BEAM FLANGE BRACE LOCATION - SEE SECTION 1/S3 & 2/S3

** -L3x3x¼ BOTTOM BEAM FLANGE BRACE LOCATION - SEE SECTION 3/S3, 1/S4 & 2/S4

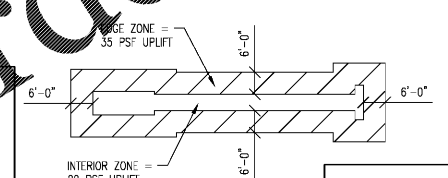
NOTE:
ALL ROOFING MATERIALS AND FINISHES SHALL BE SUPPLIED PER MANF. REQUIREMENTS WITH INSTALLATION PROCEDURES THAT MEET THE WIND LOAD REQUIREMENTS OUTLINED IN THE STRUCTURAL DESIGN LOADS
- SEE ARCH. DRAWINGS FOR ALL FINISH MATERIALS

KB1 - 600S162-54(50ksi) BACK-TO-BACK BRACE STUD @ WALL PERPENDICULAR TO ROOF JOISTS - SEE PLAN FOR LOCATIONS - SECTION 2/S4 FOR CONNECTIONS.

KB2 - 600S162-54(50ksi) BACK-TO-BACK BRACE STUD @ WALL PARALLEL TO ROOF JOISTS - SEE PLAN FOR LOCATIONS - SECTIONS 3/S4 & 5/S5 FOR CONNECTIONS.

GENERAL NOTES – ROOF FRAMING PLAN:

1. T.O.S. VARIES – SEE PLAN AND DETAILS.
2. PROVIDE MEMBER SIZE AND SPACING AS NOTED ON PLANS.
3. PROVIDE 1.5" TYPE B 18GA ROOF DECK WHERE INDICATED
4. PROVIDE BAR JOIST SIZE AND SPACING AS NOTED ON PLANS. BRIDGING PER SJI.
5. STEEL FABRICATOR SHALL PROVIDE MISC. FILLER STEEL FOR THE SUPPORT OF THE METAL DECK EDGES AROUND STRUCTURAL MEMBERS AND SKEWED DECK EDGES.
6. NET UPLIFT (BAR JOISTS) = 22 PSF INTERIOR ZONE, 35 PSF EDGE ZONE (ULTIMATE WIND PRESSURE) – SEE UPLIFT ZONE DETAIL.
7. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW BY ARCHITECT/ENGINEER.
8. ALL BAR JOIST SEATS TO BE 2½" DEEP U.N.O. – SEE SECTIONS.
9. BAR JOISTS HAVE BEEN DESIGNED FOR EQUIPMENT WEIGHTS AS INDICATED. – VERIFY WEIGHTS WITH MECHANICAL. CONTACT ENGINEER IF WEIGHTS EXCEED THOSE INDICATED.



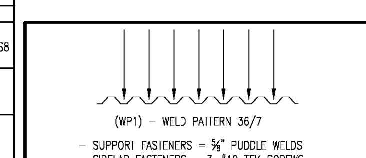
UPLIFT ZONES (BAR JOISTS)

LIGHT GAUGE HEADER/JAMB/SILL SCHEDULE					
MARK	DESCRIPTION	JACK STUD CONDITION	JAMB STUD CONDITION	SILL CONDITION	COMMENTS
LGH1	1-600S162-54(50ksi) METAL STUD 1-600T150-54(50ksi) METAL TRACK	N/A	1-600S162-54(50ksi) METAL STUD 1-600T150-54(50ksi) METAL TRACK	1-600T150-54(50ksi) METAL TRACK	SEE DETAIL 1/S8 & 3/S8
LGH2	2-600S162-54(50ksi) METAL STUDS 2-600T150-54(50ksi) METAL TRACKS	N/A	2-600S162-54(50ksi) METAL STUDS 2-600T150-54(50ksi) METAL TRACKS	1-600S162-54(50ksi) METAL STUD 1-600T150-54(50ksi) METAL TRACK	SEE DETAIL 1/S8
LGH3	2-600S162-54(50ksi) METAL STUDS 2-600T150-54(50ksi) METAL TRACKS	N/A	2-600S162-54(50ksi) METAL STUDS 2-600T150-54(50ksi) METAL TRACKS	N/A	SEE DETAIL 1/S8
LGH4	2-800S162-68(50ksi) METAL STUDS 2-600T300-68(50ksi) METAL TRACKS	2-600S162-54(50ksi) METAL STUDS 2-600T150-54(50ksi) METAL TRACKS	2-600S162-54(50ksi) METAL STUDS 2-600T150-54(50ksi) METAL TRACKS	N/A	SEE DETAIL 2/S8

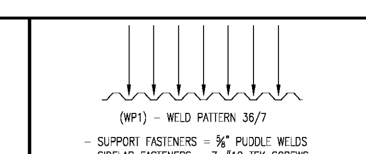
NOTE: SEE ARCH. PLANS FOR DIMENSIONS AND FOR WINDOW & DOOR OPENING LOCATIONS

DOOR/WINDOW LINTEL SCHEDULE		
MARK	SIZE	SUPPORT CONDITION
L1	6"x6"x⅜" ANGLE (LLV)	8" BRICK
L2	6"x6"x⅜" ANGLE (LLV)	3⅝" BRICK MIN.

Fy = 36ksi (ANGLE)
NOTE: SEE ARCHITECTURAL PLANS FOR WINDOW AND DOOR OPENING LOCATIONS.
NOTE: GALVANIZE ALL LOOSE ANGLES ON EXTERIOR OPENINGS.



SECTION NO.	WP1 – ROOF DECK FASTENER LAYOUT	SCALE
TYPICAL		NO SCALE



SECTION NO.	WP2 – ROOF DECK FASTENER LAYOUT	SCALE
TYPICAL		NO SCALE

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NORTH CAROLINA PROFESSIONAL SEAL 044964 ENGINEER JUSTIN K. PLAISTED
3/11/19

FIRM REGISTRATION NO.: C-1323

FOUNDATION PLAN AND ROOF FRAMING PLAN

DATE 03-11-2019
DRAWN BY JKP
CHECK BY JWM
JOB NO. 19-010
SHEET