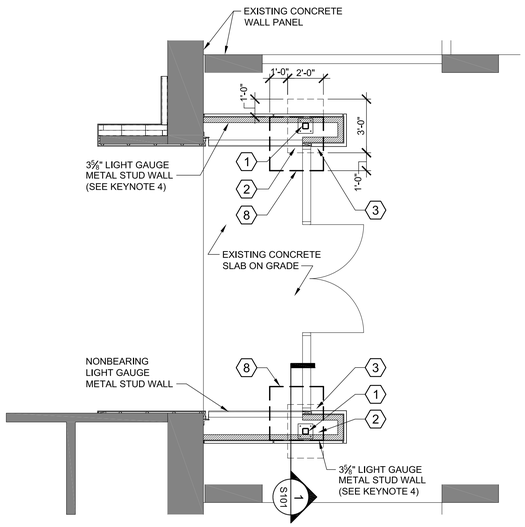
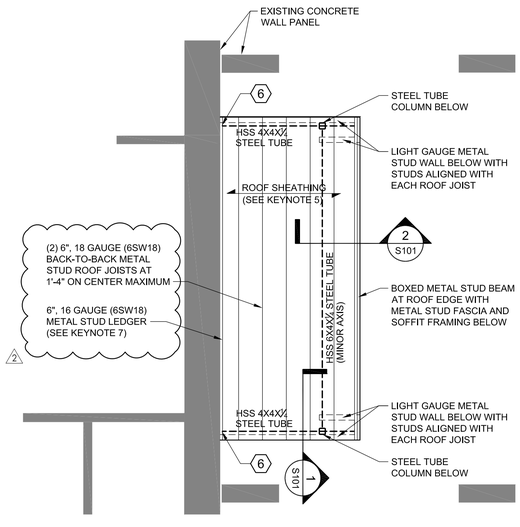


A S101 **FOUNDATION AND FLOOR PLAN**

SCALE: 1/4" = 1'-0"



B S101 **ROOF FRAMING PLAN**

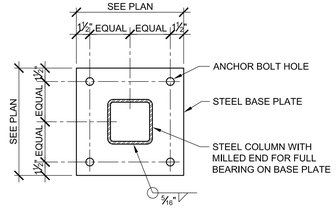
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

A	THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS NOTED AND ILLUSTRATED ON THE CONSTRUCTION DOCUMENTS PRIOR TO FABRICATION AND CONSTRUCTION. ANY DEVIATIONS DISCOVERED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR REVIEW.
B	SEE ARCHITECTURAL DRAWINGS FOR HEIGHT, WIDTH, AND LOCATION OF LIGHT GAUGE METAL STUD WALLS AND WALL OPENINGS. VERIFY ROUGH OPENING DIMENSIONS WITH ARCHITECT, STOREFRONT MANUFACTURER, AND EXISTING CONDITIONS.
C	LIGHT GAUGE FRAMING SYSTEM SHALL BE MANUFACTURED BY MARINO/WARE OR APPROVED EQUIVALENT AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
D	PROVIDE 6" DEEP, 18 GAUGE METAL STUD BLOCKING AT MIDSPAN BETWEEN EACH ROOF JOIST. ATTACH BLOCKING TO ROOF JOISTS WITH LIGHT GAUGE UTILITY ANGLE AND (3)#10 SCREWS MINIMUM IN EACH LEG. FASTEN PLYWOOD ROOF SHEATHING TO TOP FLANGE OF BLOCKING WITH (3)#10 SCREWS.
E	PROVIDE CONTINUOUS LATERAL CHANNEL BRIDGING IN EXTERIOR LIGHT GAUGE METAL STUD WALLS AT A 4'-0" ON CENTER MAXIMUM VERTICAL SPACING.
F	ATTACH 15/32" APA RATED EXPOSURE 1 OSB OR PLYWOOD WALL SHEATHING TO OUTSIDE FLANGE OF ALL EXTERIOR METAL STUDS WITH #10 COUNTERSUNK SCREWS AT 6" ON CENTER.

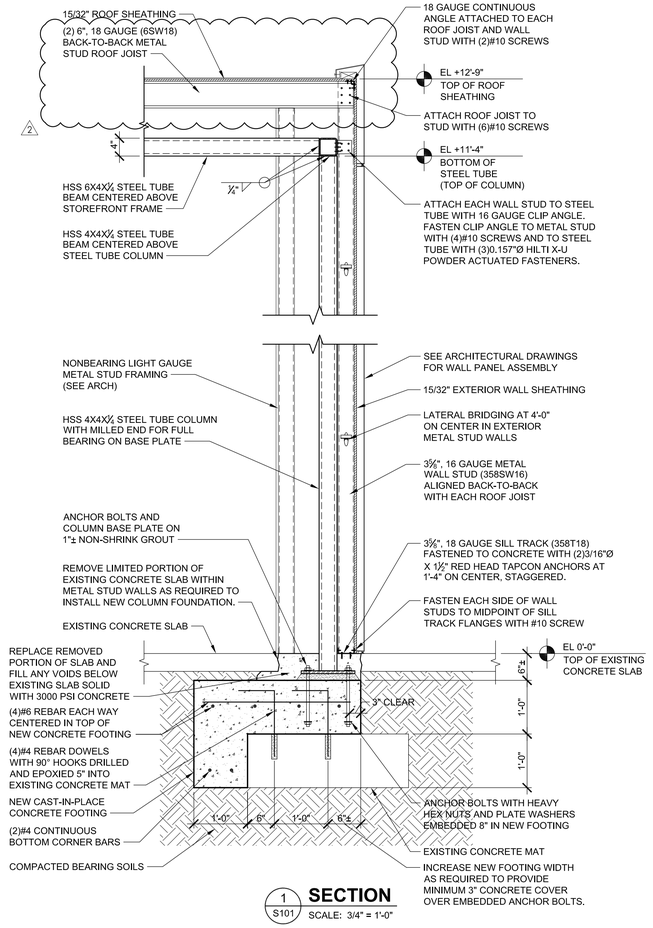
KEYNOTES (#)

1	HSS 4X4X¼ STEEL TUBE COLUMN ON ⅝"X10"X10" STEEL BASE PLATE. ATTACH BASE PLATE TO NEW CONCRETE FOOTING WITH (4)¾"Ø ANCHOR BOLTS EMBEDDED 8" INTO NEW FOOTING. CONCEAL STEEL TUBE COLUMN AND BASE PLATE INSIDE LIGHT GAUGE METAL STUD WALLS AS SHOWN. COORDINATE EXACT COLUMN LOCATIONS WITH THE WALL DIMENSIONS INDICATED ON THE ARCHITECTURAL DRAWINGS.
2	EXISTING 3'-0" X 2'-0" X 1'-0" DEEP CONCRETE MAT CENTERED ON EACH STEEL TUBE COLUMN. TOP OF EXISTING CONCRETE MAT ELEVATION APPROXIMATELY -1'-6" BELOW TOP OF EXISTING SLAB.
3	THE CONTRACTOR SHALL USE CARE TO PRECISELY REMOVE PORTION OF EXISTING CONCRETE FLOOR SLAB INSIDE LIMITS OF NEW METAL STUD WALLS AS REQUIRED TO INSTALL NEW CONCRETE FOOTINGS. THE CONTRACTOR SHALL NOT DAMAGE ANY PORTION OF THE EXISTING CONCRETE SLAB THAT WILL REMAIN VISIBLE AFTER COMPLETION OF CONSTRUCTION.
4	EXTERIOR LIGHT GAUGE METAL STUD WALLS SHALL BE CONSTRUCTED WITH 3⅝", 18 GAUGE (358T18) CONTINUOUS SILL TRACK, 18 GAUGE CONTINUOUS TOP ANGLE, AND 3⅝", 16 GAUGE (358SW16) WALL STUDS. WALL STUDS SHALL BE PLUMB AND ALIGNED BACK-TO-BACK WITH EACH METAL STUD ROOF JOIST. PROVIDE WALL STUDS AT 1'-4" ON CENTER MAXIMUM AT EXTERIOR WALLS PARALLEL TO ROOF JOISTS AND PROVIDE MINIMUM 3 STUD METAL POST AT CORNERS AND INTERSECTIONS. WALL STUDS SHALL BE CONTINUOUS FROM SILL TRACK TO TOP OF ROOF JOIST ELEVATION. STUD SPLICES SHALL NOT BE PERMITTED.
5	15/32" APA RATED, 32/16 SPAN RATING, EXPOSURE 1 OSB OR PLYWOOD ROOF SHEATHING ATTACHED TO ALL SUPPORTS WITH #10 COUNTERSUNK SCREWS AT 6" ON CENTER (3 EXPOSED THREADS MINIMUM). INSTALL PANELS WITH LONG DIMENSION PERPENDICULAR TO SUPPORTS AND PROVIDE 1/8" EXPANSION GAP BETWEEN PANELS. ROOF SHEATHING JOINTS PARALLEL TO THE ROOF FRAMING SHALL BE CENTERED ON THE METAL STUD JOISTS.
6	ATTACH TOP AND BOTTOM OF HORIZONTAL STEEL TUBE TO EXISTING CONCRETE WALL PANEL WITH L3X3X¼ X 3" STEEL CONNECTION ANGLES. WELD LEG OF CONNECTION ANGLE TO STEEL TUBE WITH 3/16" FILLET WELD EACH SIDE. FASTEN OPPOSITE LEG OF ANGLE TO CONCRETE WALL PANEL WITH ⅝"Ø HILTI HIT-HY150 MAX ADHESIVE ANCHOR WITH 3" MAXIMUM EMBEDMENT.
7	6", 16 GAUGE (6SW18) CONTINUOUS METAL STUD LEDGER FASTENED TO EXISTING CONCRETE WALL PANEL WITH (2)3/16"Ø X 1½" RED HEAD TAPCON ANCHORS AT 2'-0" ON CENTER STAGGERED. FASTEN ROOF SHEATHING TO TOP OF LEDGER WITH #10 COUNTERSUNK SCREWS AT 6" ON CENTER.
8	NEW 3'-0" X 3'-0" CONCRETE FOOTING. SEE SECTION 1/S101 FOR FOOTING DEPTH AND REINFORCEMENT REQUIREMENTS, INCLUDING DRILLED AND EPOXY REBAR TO JOIN THE NEW FOOTING TO THE EXISTING CONCRETE MAT. TOP OF NEW CONCRETE FOOTING ELEVATION SHALL BE APPROXIMATELY 6" BELOW TOP OF EXISTING CONCRETE FLOOR SLAB. COORDINATE STEEL COLUMN BASE PLATE BEARING ELEVATION AFTER INSTALLATION OF NEW FOOTINGS.



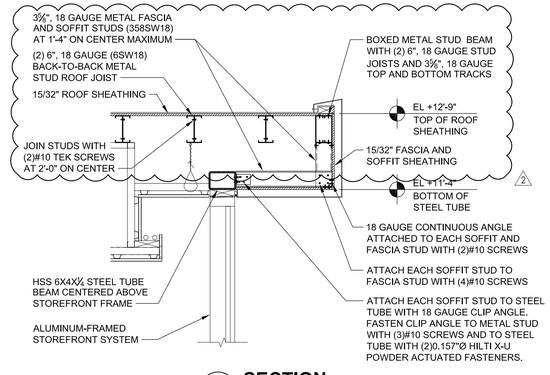
C S101 **TYPICAL COLUMN BASE PLATE**

NOT TO SCALE



1 S101 **SECTION**

SCALE: 3/4" = 1'-0"



2 S101 **SECTION**

SCALE: 3/4" = 1'-0"

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REVISIONS:
1 01.16.2014
2 01.28.2014

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FLORIDA LICENSE NO. 58773

DATE: 12.04.2013

STRUCTURAL PLANS AND SECTIONS

PROJECT NO.: 13014

S101

CONSTRUCTION DOCUMENTS