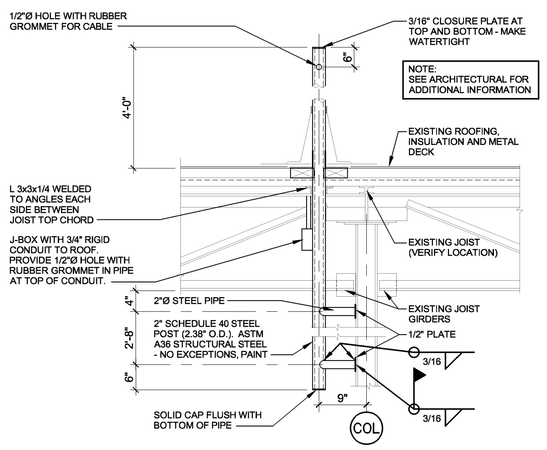
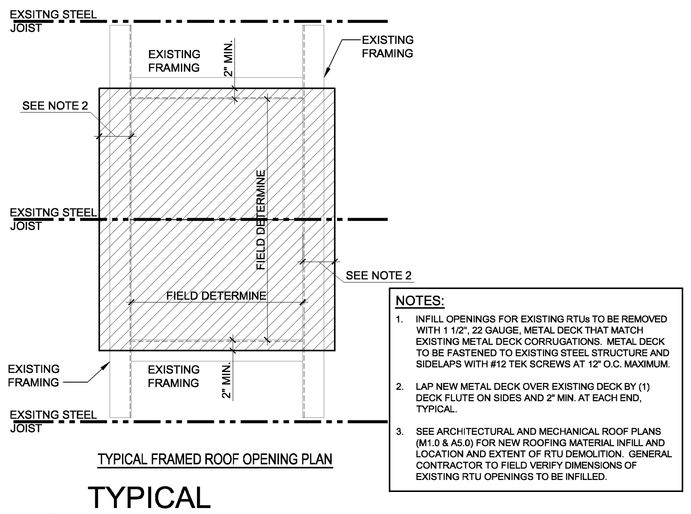


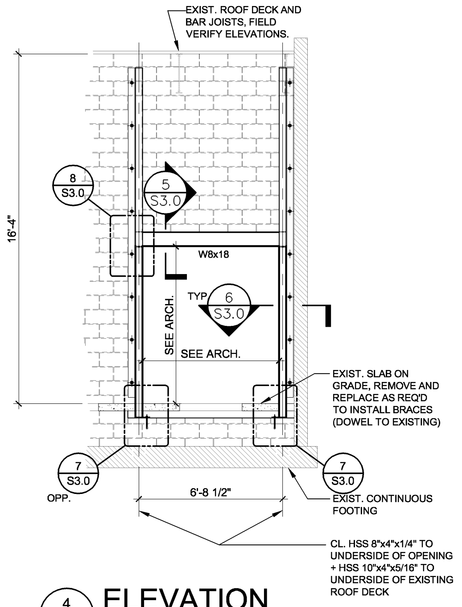
2 S3.0 **ANTENNA MAST DETAIL**
SCALE: 3/4" = 1'-0"



NOTES:

1. INFILL OPENINGS FOR EXISTING RTUs TO BE REMOVED WITH 1 1/2", 22 GAUGE, METAL DECK THAT MATCH EXISTING METAL DECK CORRUGATIONS. METAL DECK TO BE FASTENED TO EXISTING STEEL STRUCTURE AND SIDELAPS WITH #12 TEK SCREWS AT 12" O.C. MAXIMUM.
2. LAP NEW METAL DECK OVER EXISTING DECK BY (1) DECK FLUTE ON SIDES AND 2" MIN. AT EACH END, TYPICAL.
3. SEE ARCHITECTURAL AND MECHANICAL ROOF PLANS (M1.0 & A5.0) FOR NEW ROOFING MATERIAL INFILL AND LOCATION AND EXTENT OF RTU DEMOLITION. GENERAL CONTRACTOR TO FIELD VERIFY DIMENSIONS OF EXISTING RTU OPENINGS TO BE INFILLED.

3 S3.0 **TYPICAL INFILL AT RTU REMOVAL (5 LOCATIONS)**
SCALE: 3/4" = 1'-0"



4 S3.0 **ELEVATION**
SCALE: 1/4" = 1'-0"

RTU/ EXHAUST FAN/ ROOF HATCH SUPPORT NOTE:

1. THE CONTRACTOR SHALL SUPPLY AND INSTALL TUBE FRAMING CLAMP SYSTEMS ENGINEERED AND MANUFACTURED BY "CHICAGO CLAMP CO" (708-343-0215) FOR ALL ROOF MOUNTED MECHANICAL UNITS AND ROOF HATCHES INDICATED, NO EXCEPTIONS. THE TUBE FRAME SYSTEMS, INCLUDING ALL OF THE INDIVIDUAL COMPONENTS SHALL BE GUARANTEED BY CHICAGO CLAMP CO. AND BE INSTALLED IN STRICT ACCORDANCE WITH THE CHICAGO CLAMP CO WRITTEN INSTALLATION GUIDE. UNITS WEIGHING MORE THAN 1,500 LBS INCLUDING THE WEIGHT OF THE CURB SHALL HAVE COMPLETE FRAMES INSTALLED OVER TWO ADJACENT JOIST SPACES. THE TUBE FRAME SYSTEMS SHALL PROVIDE CONTINUOUS AND DIRECT CONTACT SUPPORT OF THE METAL ROOF DECK ALIGNED WITH THE FULL PERIMETER OF THE MECHANICAL UNIT CURB AND ROOF DECK PENETRATIONS. ALL FRAMING TUBES THAT BEAR ON JOISTS SHALL BE LOCATED OVER TOP CHORD PANEL POINTS AS ILLUSTRATED IN THE CHICAGO CLAMP CO INSTALLATION GUIDE. ALL EXISTING AUXILIARY FRAMING SUPPORTING THE EXISTING RTU CURBS & EXISTING ROOF DECK AT THE PERIMETER OF DUCT PENETRATIONS SHALL BE CAREFULLY REMOVED IN A MANNER THAT DOES NOT AFFECT, ALTER, OR DAMAGE THE EXISTING CONSTRUCTION.
2. THE CONTRACTOR SHALL VERIFY, IN WRITING, TO THE PROJECT OWNER, THE ENGINEER, AND TO THE AUTHORITY HAVING JURISDICTION THAT THE PRODUCTS BEING FURNISHED ARE INSTALLED PROPERLY AND WILL PROPERLY SUPPORT ALL THE LOADS IMPOSED BY THE MECHANICAL EQUIPMENT AT EACH RESPECTIVE LOCATION ON THIS PROJECT. IF REQUIRED TO MAKE THIS REPRESENTATION, THE CONTRACTOR SHALL HIRE AT HIS OWN COST A LICENSED INSPECTOR OR ENGINEER TO VERIFY HIS INSTALLATION. THE CONTRACTOR'S FAILURE TO PROVIDE THE REQUESTED WRITTEN VERIFICATION SHALL BE TAKEN TO MEAN THAT THE CONTRACTOR TACITLY GUARANTEES THAT THE INSTALLATION IS CAPABLE OF SUPPORTING THE RESPECTIVE EQUIPMENT FOR THE LIFE OF THE FACILITY.

ROOF PLAN NOTES

1. SEE SHEET S1.0 FOR STRUCTURAL NOTES AND TYPICAL DETAILS.
2. T.O.DECK = TOP OF DECK. BEAMS REFERENCED ARE 1 1/2" FROM TOP OF DECK (U.N.O.).

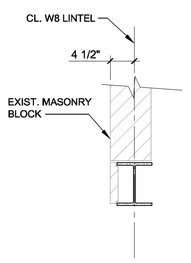
DEAD LOADS:

ASSUMED EXISTING ROOF DEAD LOAD	=	16	PSF

LIVE LOADS:

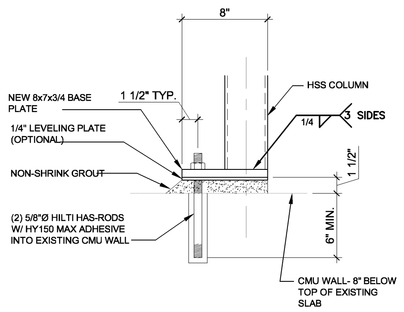
METAL DECK/BEAMS/BEAM GIRDERS/COLUMNS/FOOTINGS	=	20.0	PSF

3. INFILL EXISTING RTU OPENINGS PER DETAIL ON THIS SHEET.
4. FIELD VERIFY EXACT SIZES OF EXISTING ROOF JOISTS AND GIRDERS, JOIST SEAT CONDITIONS AND CONNECTIONS. INFORMATION PROVIDED ON EXISTING STRUCTURAL MEMBERS SHOWN ARE FOR REFERENCE ONLY.
5. GENERAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR AND THE CHICAGO CLAMP CO. FOR INSTALLATION OF NEW TUBE FRAMING CLAMP SYSTEM PER NOTE ON PLAN.
6. THE EXISTING JOIST BRIDGING SHALL BE MODIFIED TO THE EXTENT REQUIRED TO ACCOMODATE THE INSTALLATION OF THE TUBE FRAMING SYSTEM AND MAINTAIN THE BRIDGING OF THE EXISTING JOISTS. THE JOIST BRIDGING SHALL CONFORM TO THE SJI SPECIFICATIONS.
7. THE CONTRACTOR SHALL PROMPTLY REPAIR DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP.

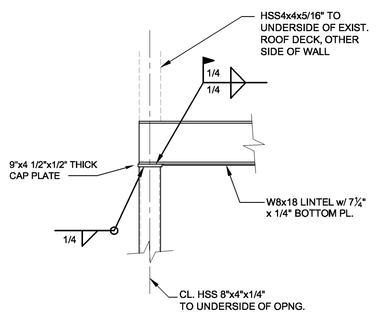


5 S3.0 **SECTION**
SCALE : 3/4"=1'-0"

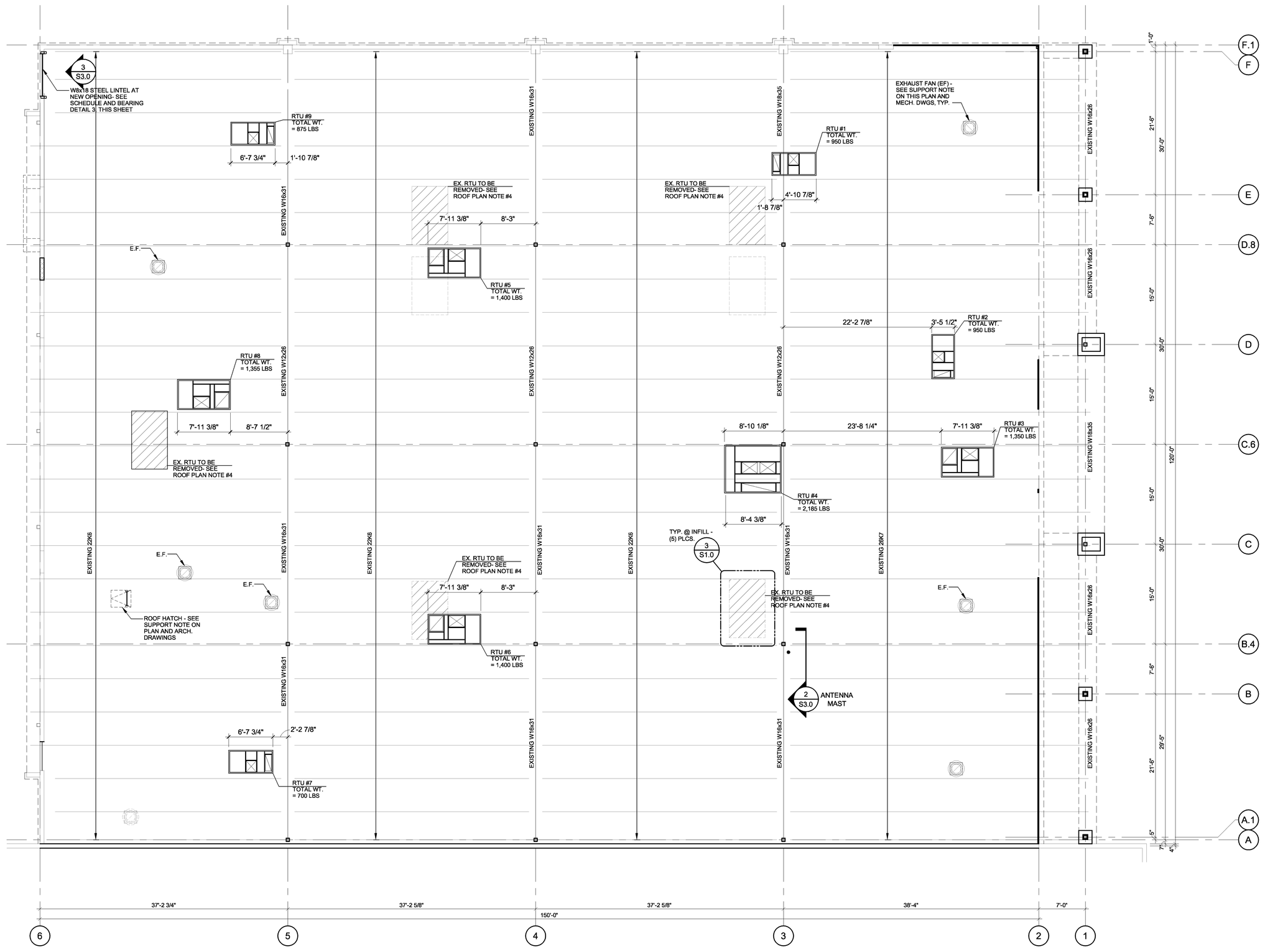
6 S3.0 **SECTION**
SCALE : 3/4"=1'-0"



7 S3.0 **COLUMN BASE DETAIL**
SCALE: 1 1/2" = 1'-0"



8 S3.0 **SECTION**
SCALE : 3/4"=1'-0"



1 S3.0 **EXISTING ROOF FRAMING PLAN**
SCALE: 1/8" = 1'-0"

NORTH

CASCO
10877 WATSON ROAD
ST. LOUIS, MO 63127
PROJECT MANAGERS

ROOF FRAMING PLAN

STORE NO. 2283
1919-1 Wells Road
Orange Park, FL

PETSMART

20K Q3 2011 INSTRUCTION SET

No:	ISSUE:	DATE:
	OWNER / PERMIT	NOV. 7, 2011

PROFESSIONAL OF RECORD

MARK A. SPALINGER
LICENSE NO. 65866
EXPIRES 02/28/13
PROFESSIONAL OF RECORD

PHONE: 314-821-1100

Job No: **411221**

Sheet No: **S3.0**

Scale: AS INDICATED
Drawn: MJP
Checked: MJP