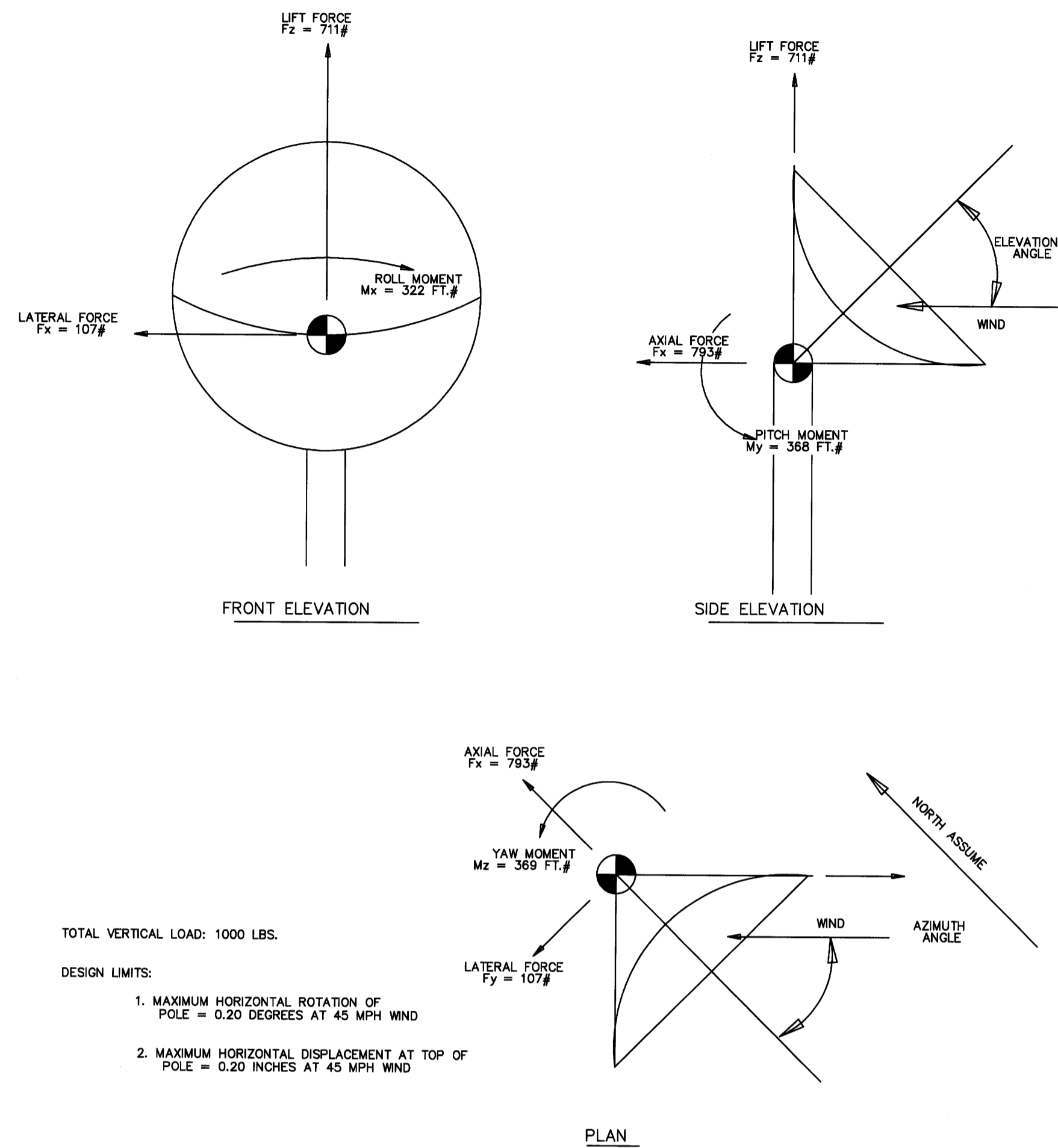


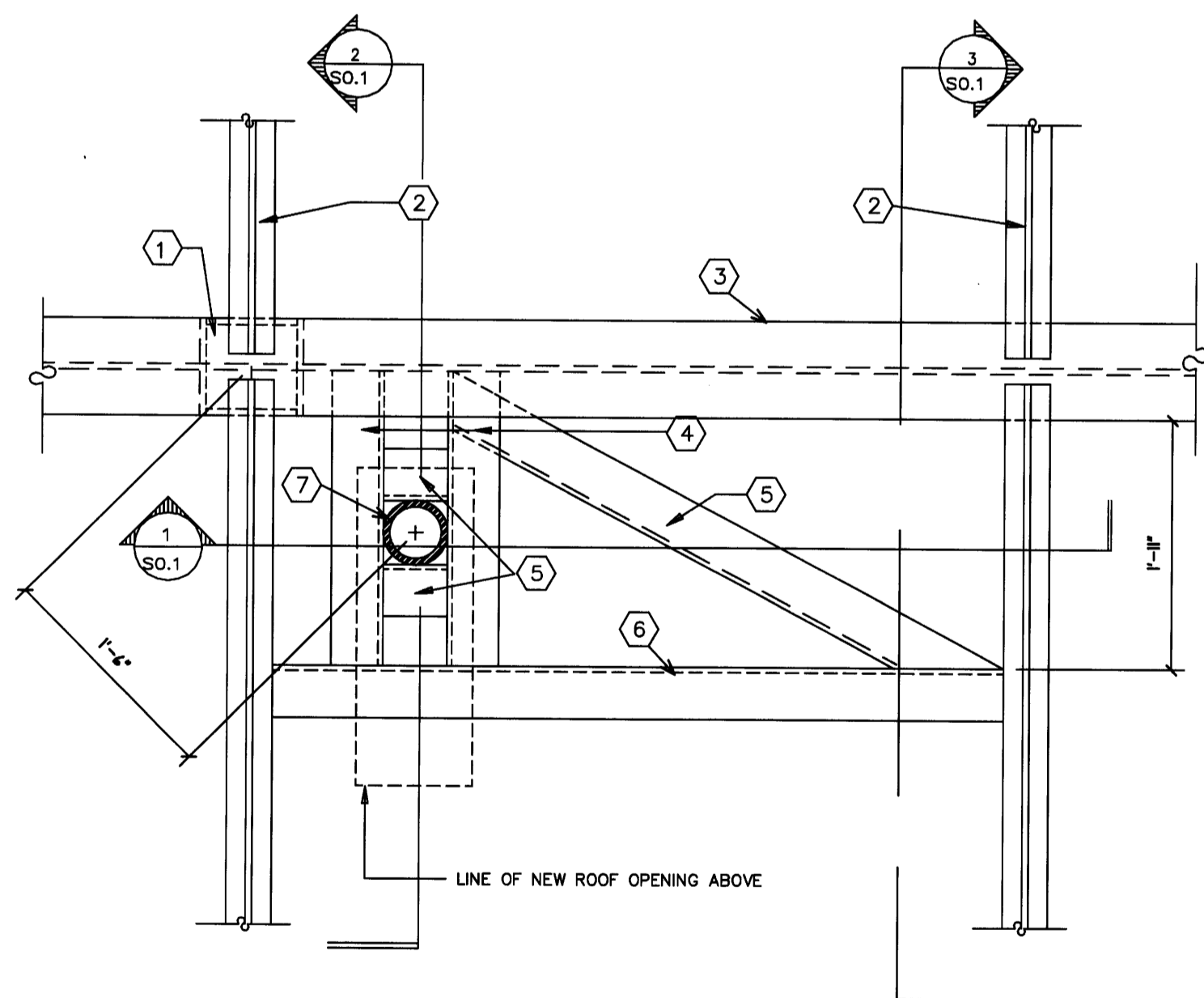
FORCES AND MOMENTS ACTING THROUGH ELEVATION AXIS



TOTAL VERTICAL LOAD: 1000 LBS.

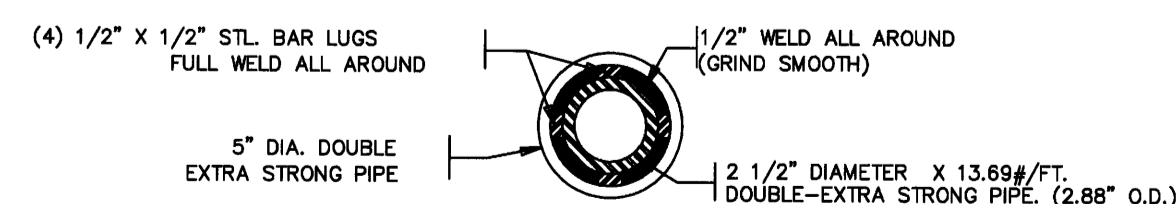
- DESIGN LIMITS:
1. MAXIMUM HORIZONTAL ROTATION OF POLE = 0.20 DEGREES AT 45 MPH WIND
 2. MAXIMUM HORIZONTAL DISPLACEMENT AT TOP OF POLE = 0.20 INCHES AT 45 MPH WIND

**MAXIMUM LOADS: 125 MPH WIND
1.2 METER SATELLITE DISH ANTENNA**

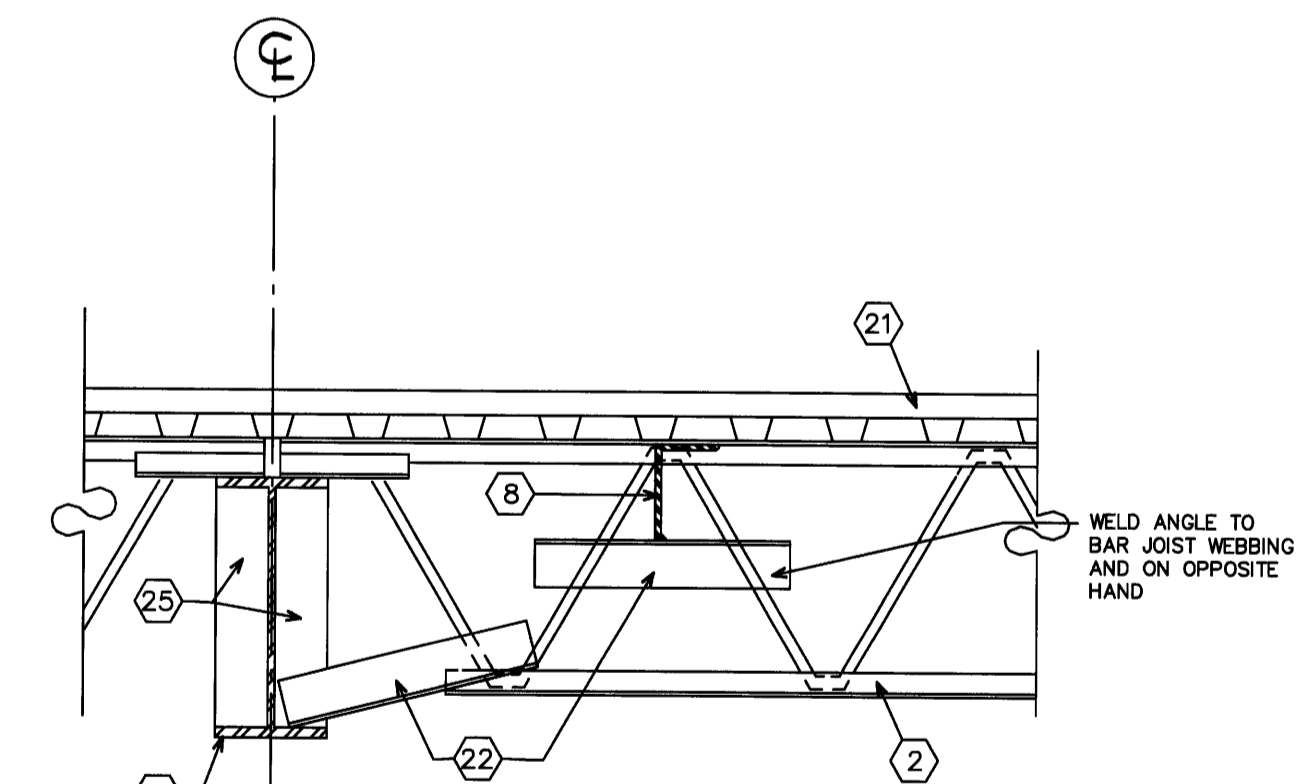


**PARTIAL ROOF FRAMING PLAN
NEW ANTENNA MAST SUPPORT**

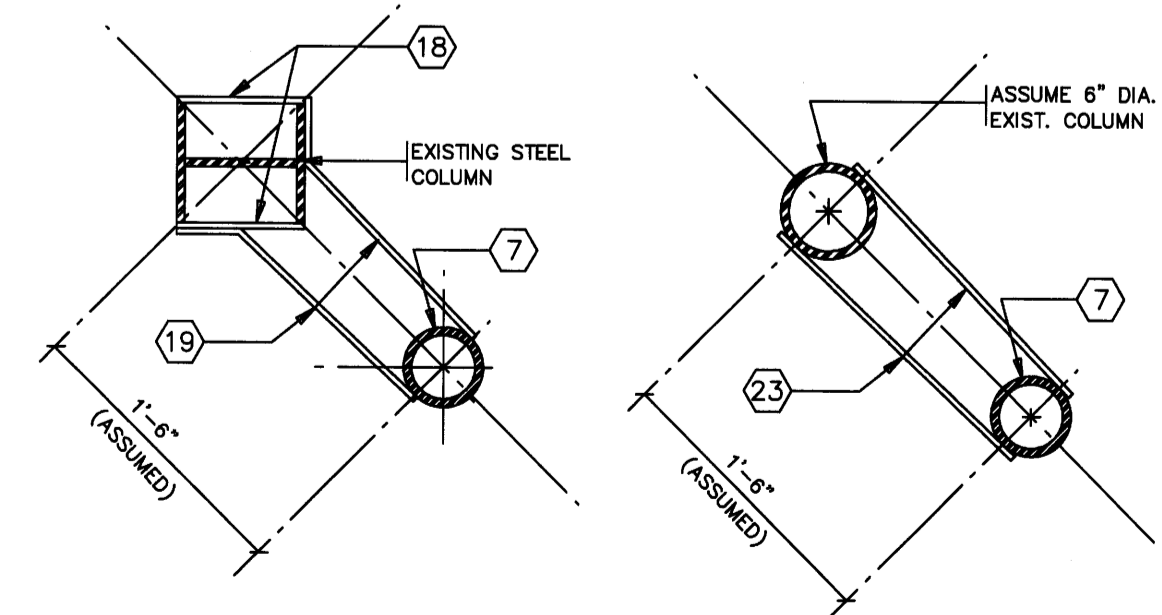
SCALE: 1" = 1'-0"
SCHEME #1



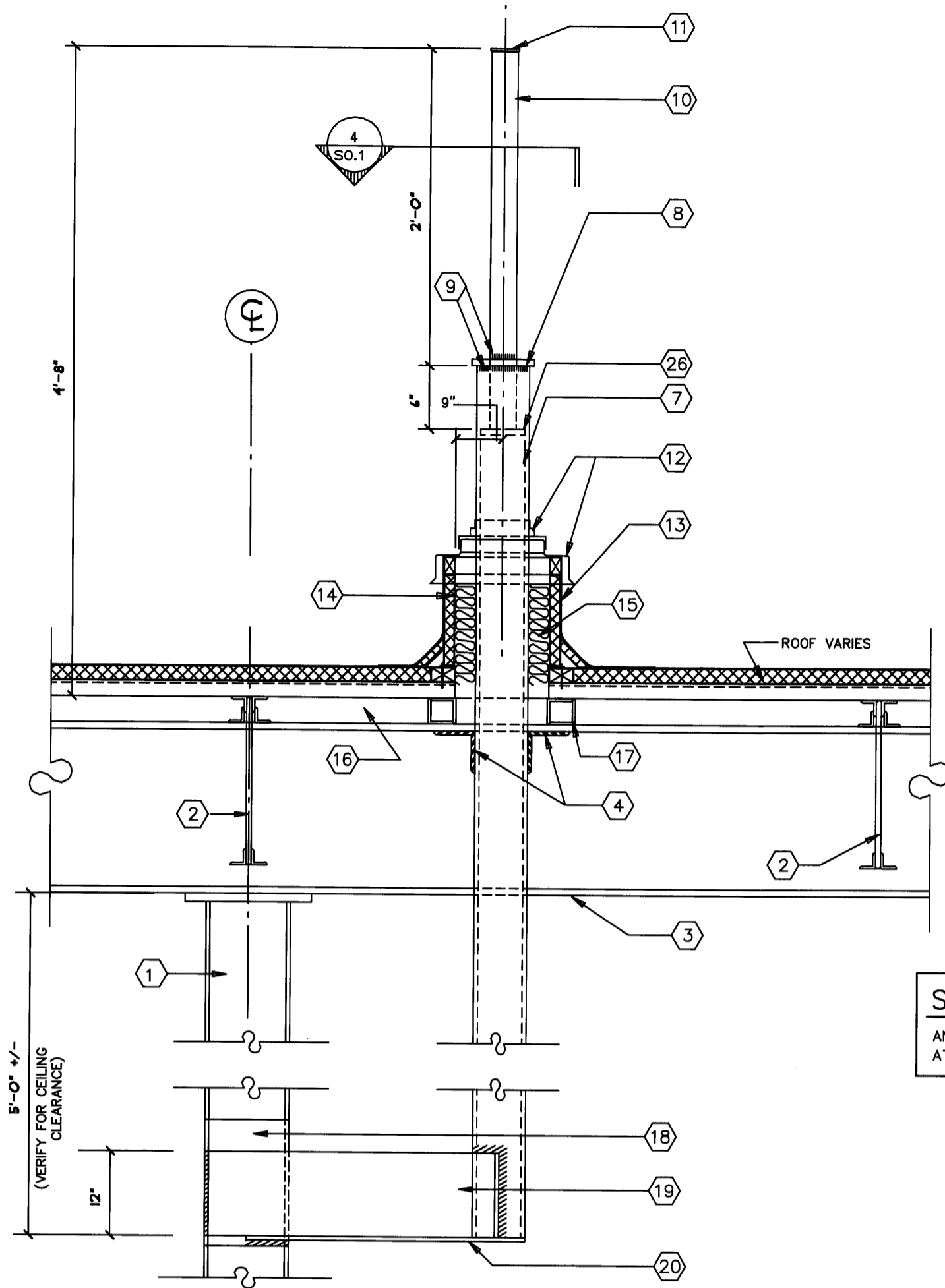
**PLAN SECTION
SCALE: 1-1/2" = 1'-0"**



**SECTION
SCALE: 1" = 1'-0"**

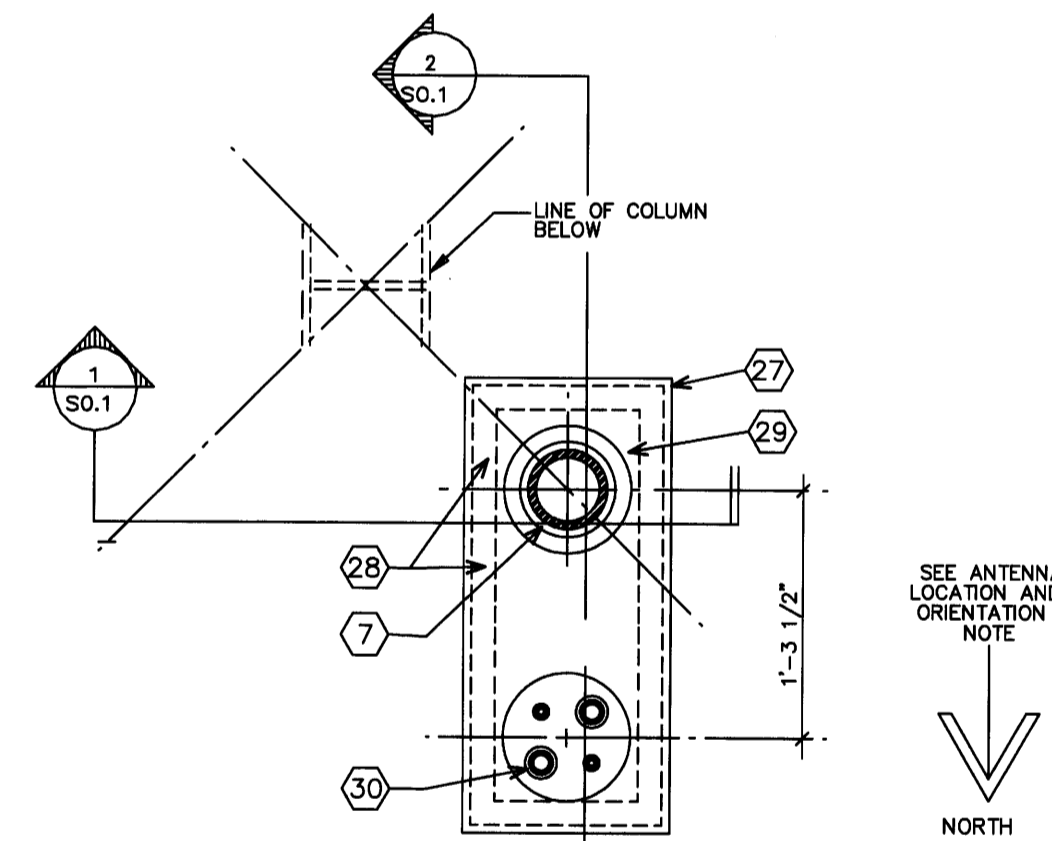


**PLAN PIPE CONNECTION
BELOW ROOF
SCALE: 1" = 1'-0"**



**SCHEME #1
ANTENNA PIPE SUPPORTED AT COLUMN**

**SECTION
SCALE: 1" = 1'-0"**



**PLAN AT ROOF
SCALE: 1" = 1'-0"**

GENERAL NOTES

1. ALL NEW STRUCTURAL STEEL SHALL BE ASTM A-36.
2. ALL NEW STEEL WORK SHALL COMPLY WITH A.I.S.C. 1987.
3. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS.
4. CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND ALL FIELD CONDITIONS.
5. CONTRACTOR SHALL PROVIDE ALL THE NECESSARY PROTECTION AGAINST DAMAGE AND INJURY TO ALL FACILITIES, MERCHANDISE, EQUIPMENT, PERSONNEL, ETC.
6. ALL EXPOSED STEEL SHALL BE PRIMED AND PAINTED.

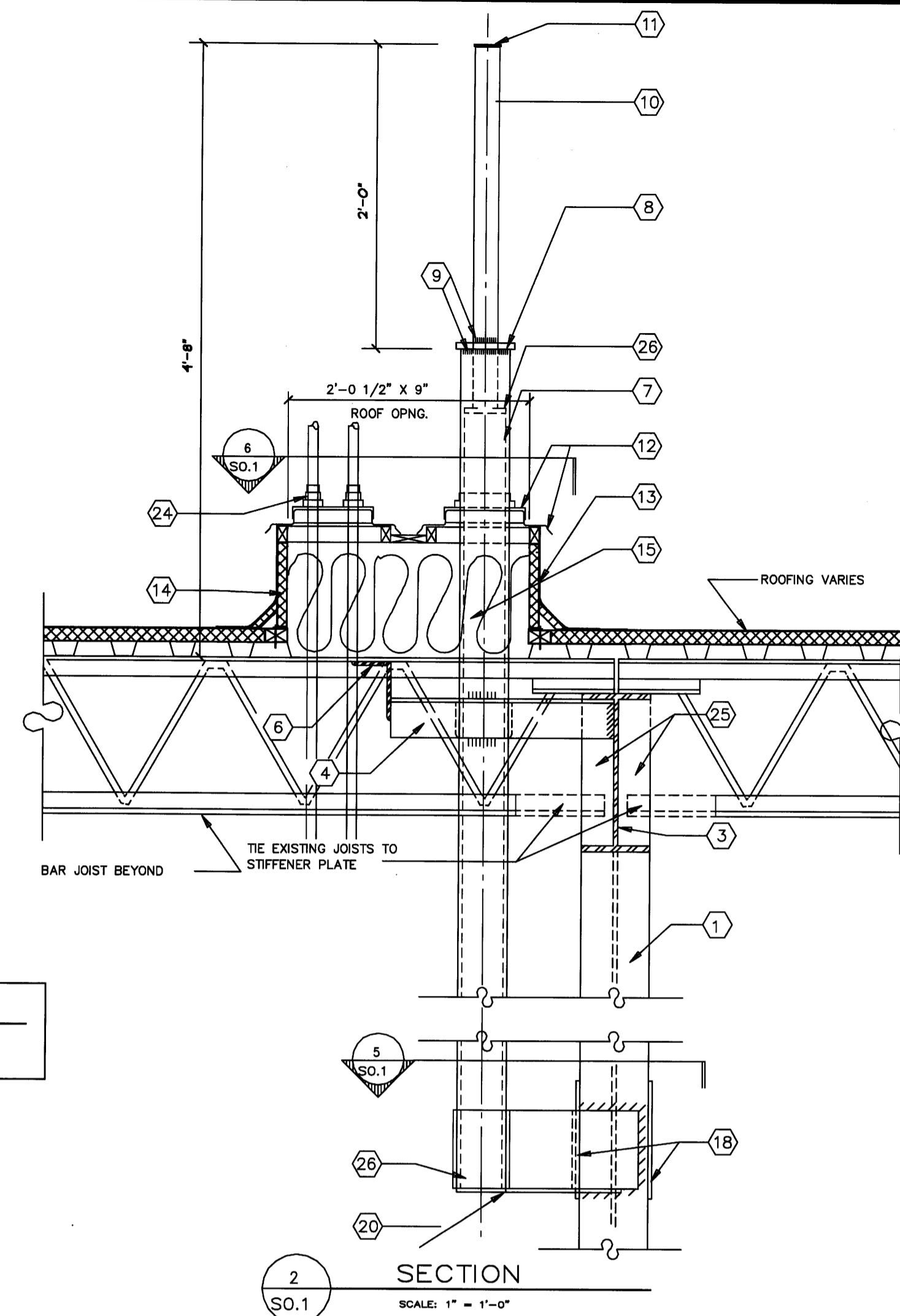
ANTENNA LOCATION AND ORIENTATION

ANTENNA SUPPORT AS SHOWN SHALL BE LOCATED AT THE BUILDING COLUMN NEAREST TO PHARMACY. PRIOR TO INSTALLATION, REVIEW LOCATION WITH WALGREENS FACILITIES PLANNING AND DESIGN DEPARTMENT.

CONDUIT OPENING MUST ALWAYS BE ORIENTED TO THE NORTH OF THE ANTENNA PIPE. SUPPORT TO AVOID CONFLICT WITH THE ANTENNA. THE ANTENNA MUST HAVE AN UNOBSTRUCTED POINTING DIRECTION FROM SOUTHEAST TO SOUTHWEST.

INSTALLING CONTRACTOR PLEASE NOTE:

1. FOR PROTOTYPE STORES - BUILDING COLUMN SUPPORTING ANTENNA PIPE AS SHOWN ON SCHEME #1 SHALL BE A MINIMUM OF 6" DIAMETER STANDARD PIPE AND ROOF FRAMING SHALL HAVE HORIZONTAL X-BRACING IN BOTH DIRECTIONS.
2. FOR ANY TYPE OF ROOF FRAMING OR CONSTRUCTION OTHER THAN AS SHOWN, THE SUPPORT AND STABILITY OF THE STRUCTURE SHALL BE CHECKED FOR THE FORCES AND MOMENTS SHOWN ON THIS SHEET.



**SECTION
SCALE: 1" = 1'-0"**

KEYED NOTES

- 1 EXISTING STEEL WF OR ROUND COLUMN. SEE DETAIL 5/SO.1
- 2 EXISTING ROOF JOISTS.
- 3 EXISTING STEEL ROOF BEAM.
- 4 4" X 4" X 3/8" ANGLES EACH SIDE WELD TO ROOF BEAM, ANGLE AND 5" DIAMETER PIPE.
- 5 4" X 4" X 1/4" ANGLE WELD TO ANGLES.
- 6 6" X 4" X 3/8" ANGLE WELD TO TOP CHORD OF JOISTS AND TO 3" X 3" X 1/4" ANGLE. SEE SECTION 3/SO.1
- 7 5" DIAMETER DOUBLE EXTRA STRONG PIPE X 38.55#/FT. PIPE SHALL BE WELDED ALL AROUND TO ANGLE SUPPORTS.
- 8 5/8" X 6 1/2" DIA. STEEL PLATE.
- 9 1/2" WELD ALL AROUND (GRIND SMOOTH).
- 10 2 1/2" DIAMETER X 13.69#/FT. DOUBLE-EXTRA STRONG PIPE. (2.88" O.D.) EXTEND 6" INTO 5" DIAMETER PIPE.
- 11 PROVIDE MINIMUM 24 GAUGE GALVANIZED STEEL TEMPORARY CAP. SECURE TO PIPE WITH CAULKING COMPOUND.
- 12 EPDM RUBBER CAP (CUT TO FIT PIPE DIAMETER) WITH STAINLESS STEEL CLAMP ON ABS RIB REINFORCED PLASTIC CURB COVER AS MANUFACTURED BY PORTALS PLUS INC. 639 THOMAS DR. TEL: 630-766-5240 BENSENVILLE, IL 800-624-8642
- 13 NON-METALLIC BASE FLASHING.
- 14 18 GAUGE GALVANIZED INSULATED METAL CURB STYLE RC-2A AS MANUFACTURED BY PORTALS PLUS. (CURB SIZE 12" X 27 1/2").
- 15 PACK SOLID AROUND PIPES AND CONDUIT WITH BATT TYPE INSULATION.
- 16 METAL DECKING.
- 17 (2) 2 1/2" X 2 1/2" X 1/4", 2'-6" LONG ANGLES WELD TO BEAM.
- 18 3/8" X 12" PLATES WELD TO EACH FACE OF COLUMN.
- 19 3/8" X 8" BENT PLATE WELD TO EXISTING COLUMN AND 5" DIA. STEEL PIPE AND BOTTOM PLATE.
- 20 3/8" X 8" BOTTOM PLATE CUT TO FIT, FULL WELD TO EXISTING COLUMN.
- 21 EXISTING ROOFING ON RIGID INSULATION ON METAL DECK.
- 22 WELD 3" X 3" X 1/4" ANGLE.
- 23 3/8" X 8" PLATE WELD TO EXISTING COLUMN AND BOTTOM PLATE.
- 24 EPDM RUBBER CAP FOR CONDUIT THRU ROOF. SEE PLAN AT ROOF DETAIL 6/SO.1 AND SHEET E4.6.
- 25 3/8" STIFFENER PLATES.
- 26 3/8" STEEL PLATE, FIT INSIDE DIAMETER OF 5" DIA. DOUBLE-EXTRA STRONG PIPE. WELD TO 2 1/2" DIA. PIPE.
- 27 MULTI-OPENING PIPE PORTAL SYSTEM 18 GAUGE INSULATED GALVANIZED METAL CURB.
- 28 ACRYLIC COATED ABS PLASTIC COVERS FOR DOUBLE PIPE PORTAL SYSTEM.
- 29 EPDM RUBBER CAP SINGLE OPENING (SEE SECTIONS).
- 30 EPDM RUBBER CAP CUT TO FIT FOR CONDUITS (SEE DETAILS ON SHEET E4.4). SEE ANTENNA LOCATION AND ORIENTATION NOTE.

MOESER & ASSOCIATES
206 AYER ROAD HARVARD, MA 01834-6905
ARCHITECT

DRAWINGS/SPECIFICATIONS BY:

WALGREENS
 LANDLORD'S CONSULTANT

ALL CONSTRUCTION WORK, UNLESS NOTED OTHERWISE, BY:

WALGREENS CONTRACTOR
 LANDLORD'S CONTRACTOR (TURNKEY CONSTRUCTION)

STORE	BUILDING
NEW <input checked="" type="checkbox"/>	NEW <input checked="" type="checkbox"/>
REMODELING <input type="checkbox"/>	EXISTING <input type="checkbox"/>
RELOCATION <input type="checkbox"/>	NEW SHELL ONLY <input type="checkbox"/>
OTHERS <input type="checkbox"/>	

FOR ROOF SCUTTLE LADDER DETAIL, SEE A4.5 COORDINATE W/ JOIST SPACING

NO.	DATE	BY	DESCRIPTION	CONST

REVISIONS

CERTIFICATION AND SEAL

I HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT OR ENGINEER UNDER THE LAWS OF THE STATE OF MAINE AS SIGNIFIED BY MY HAND AND SEAL.

FISCAL 2007 CRITERIA - STORE #12325

WALGREENS
616 FOREST AVENUE
PORTLAND, MAINE

**DRAWING TITLE
SATELLITE DISH ANTENNA SUPPORTS SCHEME #1**

CADD PLOT:	SCALE: AS NOTED	DRAWING NO.
VOID PLOT:	DRAWN BY: WAL	S0.1
RELEASED TO CONSTRUCTION	DATE: 12-10-08	REVIEWED BY: SAM