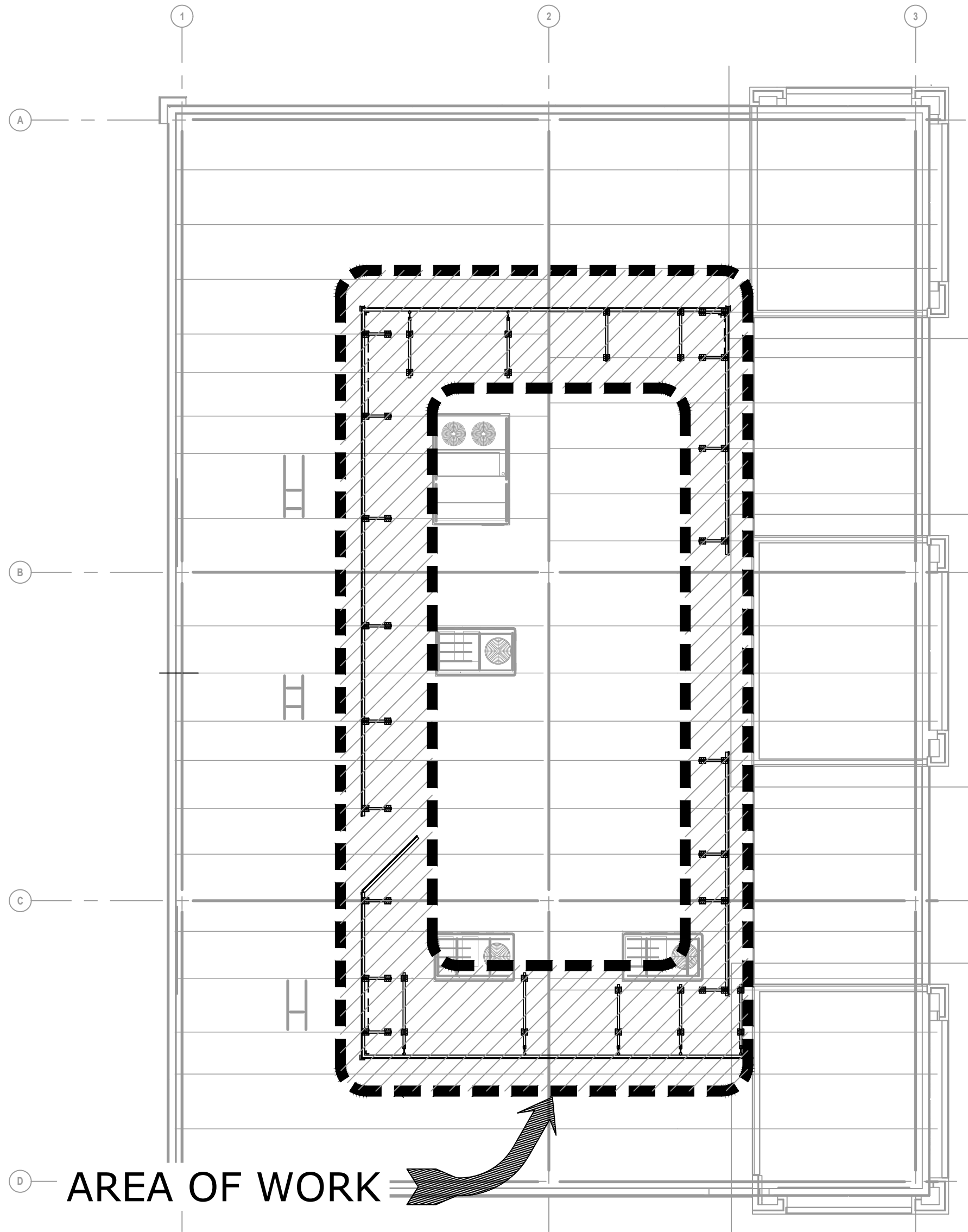


ROOFSCREEN CONSTRUCTION DOCUMENTS:

Sample

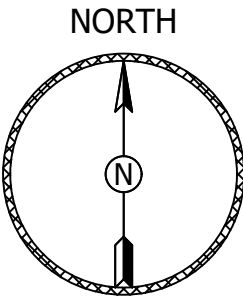
CONSTRUCTION DOCUMENT DATED: 05/17/17
LOCATION: New York



SHEET INDEX

SHEET	CONTENTS
RS-0	CODE ANALYSIS, SITE PLAN, SHEET INDEX, AREA MAP, VICINITY MAP, SCOPE OF WORK
RS-1	ROOFSCREEN PLAN
RS-2	ROOFSCREEN FRAME DETAILS & SPECIFICATIONS
RS-3	ROOFSCREEN FRAME DETAILS & SPECIFICATIONS
RS-4	ROOFSCREEN PART/ASSEMBLY DETAILS

SITE PLAN
SCALE: NTS



CODE ANALYSIS

ALL WORK SHALL COMPLY WITH THE 2014 NEW YORK BUILDING CODE (2009 IBC)		
RISK CATEGORY.....	(ASCE 7, TABLE 1-1)	III
WIND DESIGN CRITERIA:		
WIND SPEED.....	(IBC FIG.1609)	116 MPH
WIND EXPOSURE.....	(IBC 1609.4.3)	B
C&C WIND PRESSURE.....	(ASCE 7 6.4.1.2)	B2.1 PSF
SEISMIC DESIGN CRITERIA:		
IMPORTANCE FACTOR.....	(ASCE 7, TABLE 11.5-1)	1.25
SITE CLASS.....	(ASCE 11.4.2)	D
Ss.....	(ASCE 7, FIG 22-1)	.231
S1.....	(ASCE 7, FIG 22-14)	.058
SDS.....	(ASCE 7, 11.4.4)	.246
SD1.....	(ASCE 7, 11.4.4)	.093
SEISMIC DESIGN CATEGORY.....	(ASCE 7, TABLE 11.6-1, 11.6-2)	B
SEISMIC DESIGN FORCE (Fp).....	(ASCE 7, 13.3)	.12xW PSF (ASD)
COMPONENT AMPLIFICATION FACTOR, ap.....	(ASCE 7, 13.5-1)	1.00
RESPONSE MODIFICATION FACTOR, R.....	(ASCE 7, TABLE 13.5-1)	2.50

MATERIAL SPECIFICATIONS

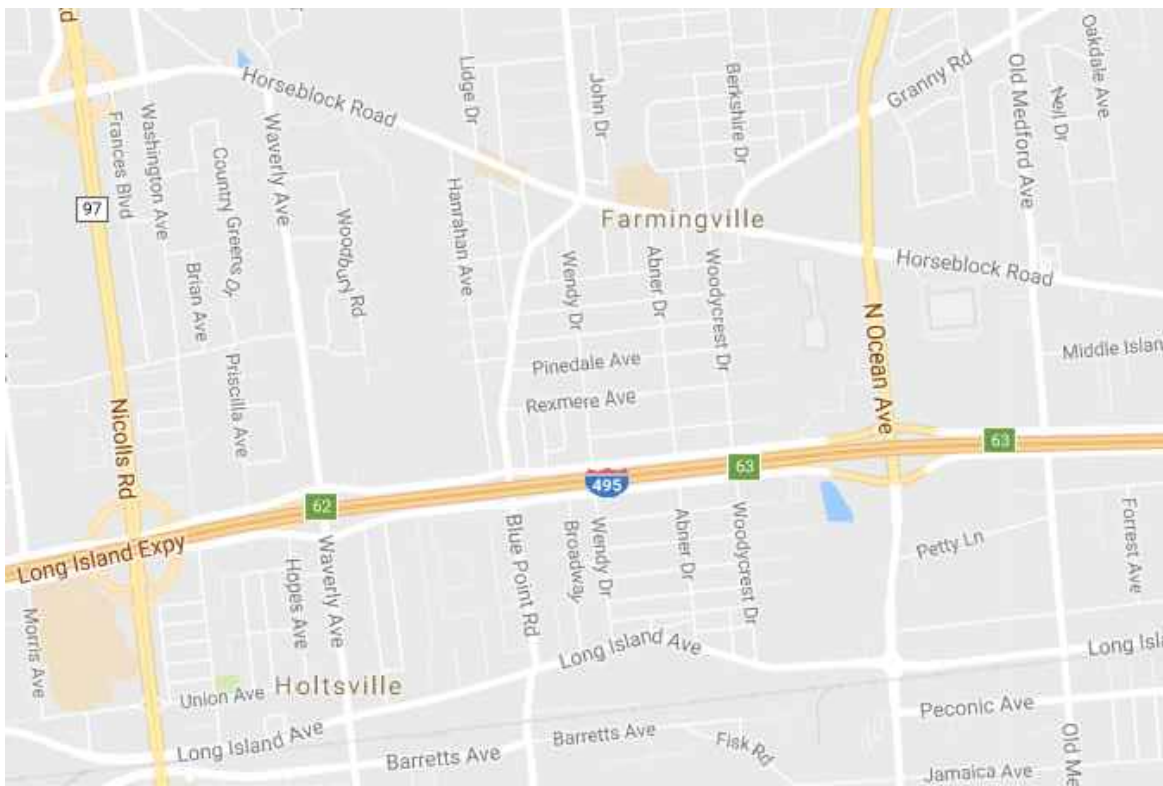
STRUCTURAL STEEL & MISCELLANEOUS IRON:	
ROUND TUBING:	GALVANIZED 16 GA ASTM A500 GRADE B, MIN Fy = 40 KSI
PROPRIETARY PARTS	GALVANIZED 11 GA ASTM A500 GRADE C, MIN Fy = 50 KSI
	POLYESTER POLYURETHANE POWDER COATED
	ASTM A1008-CS TYPE A, Fy = 34 KSI
	BASE SUPPORT BASE PLATE, ASTM A36, Fy = 36 KSI
	STAINLESS STEEL AISI TYPE 304, Fy = 31.2 KSI
EXTRUDED ALUMINUM:	6063 T6, Ftu = 30 KSI
STAINLESS STEEL BOLTS	ASTM F593C/G (AISI 18-8)
STAINLESS STEEL NUTS AND WASHERS	AISI 18-8
WELDING ELECTRODES	E70XX
SELF DRILLING SELF TAPPING SCREWS	ITW BUILDEX W/ CLIMASEAL (ESR 1976) OR APPROVED EQUAL

SCOPE OF WORK

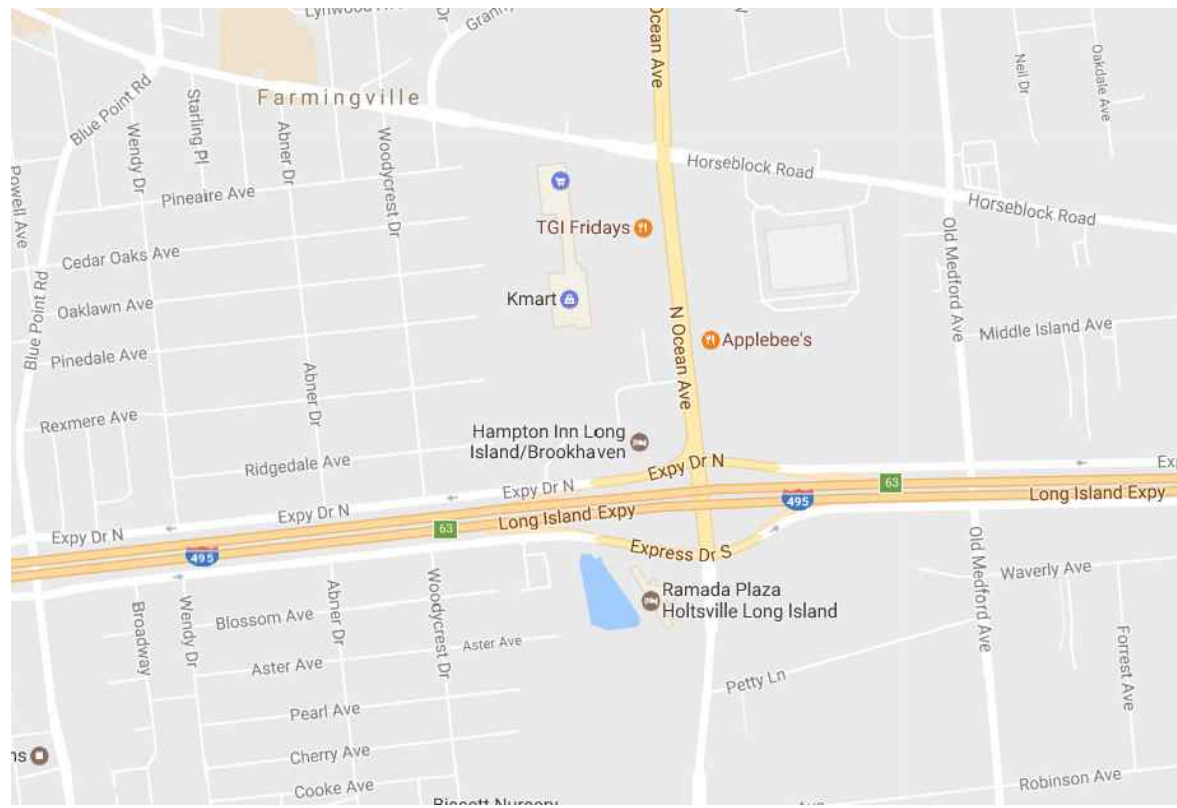
NEW ROOFSCREEN

NOTE: EVALUATION OF EXISTING ROOF SHEATHING, ROOF FRAMING, AND BUILDING FOR NEW MECHANICAL EQUIPMENT AND SCREEN LOADS (INCLUDING SNOW DRIFT LOADING EFFECTS) SHALL BE PROVIDED BY OTHERS. LOAD REACTIONS AT BASE SUPPORTS ARE LISTED ON FRAME SPECIFICATIONS.

AREA MAP



VICINITY MAP



REV	DESCRIPTION	BY	DATE
1	CONSTRUCTION DOCUMENTS	MA	05/17/17

ROOFSCREEN MFG., INC.
347 CORAL STREET
SANTA CRUZ, CA 95060
(866) 766-3727
INFO@ROOFSCREEN.COM

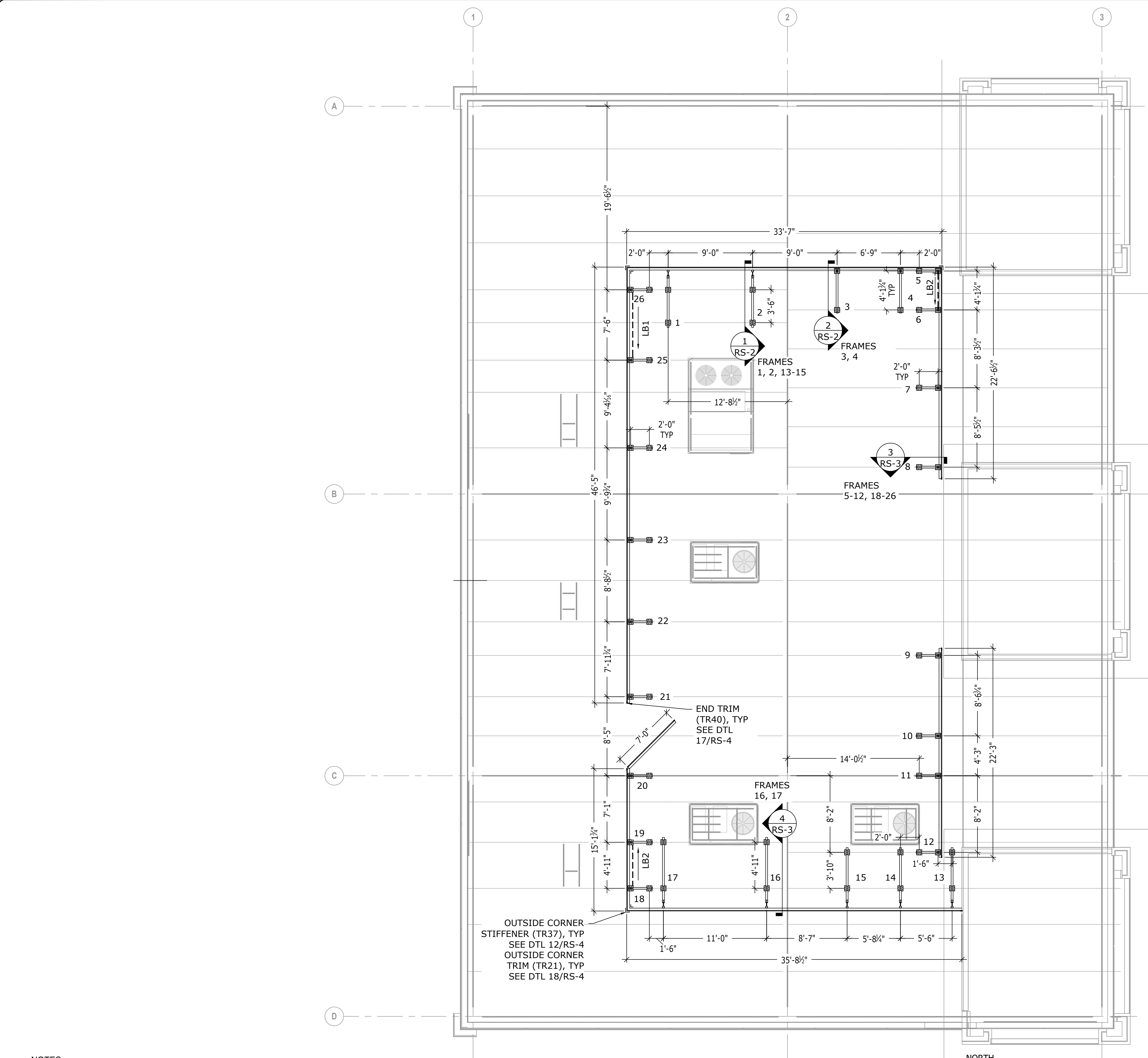
RoofScreen

ROOFSCREEN COVER SHEET

DRAWN BY:	ML
CHECKED BY:	GP
JOB NUMBER:	2730

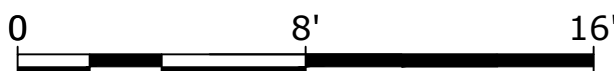
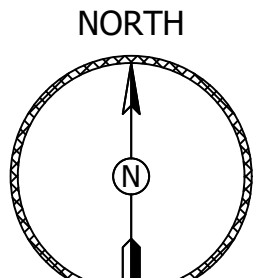
SHEET

RS-0



NOTES:
1. THE ACCURACY OF THE DATA USED TO CREATE THIS LAYOUT HAS NOT BEEN FIELD VERIFIED. THE AS-BUILT LOCATIONS OF ROOF FRAMING MEMBERS AND MECHANICAL EQUIPMENT SHALL BE FIELD VERIFIED. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH WORK.
2. NOTIFY THE ENGINEER IF FIELD VERIFIED DIMENSIONS VARY MORE THAN ±3".

ROOFSCREEN PLAN
SCALE: 3/16" = 1'



APPROVAL / REVIEW AUTHORITY:
PLEASE REVIEW THIS DRAWING CAREFULLY. IT REPRESENTS OUR INTERPRETATION OF THE CONTRACT DOCUMENTS HOWEVER, ROOFSCREEN MFG. ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION SHOWN ON THE DESIGN DRAWINGS. THIS IS THE RESPONSIBILITY OF THE BUYER.
UNLESS NOTED OTHERWISE ON THIS DRAWING, WHEN IT IS RETURNED FROM APPROVAL, IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN HEREIN HAS THE AFFIRMATION OF THE APPROVAL AUTHORITY. SUBSEQUENT CHANGES TO INFORMATION SHOWN ON THESE DRAWINGS AFTER FIRST SUBMISSION WILL BE CONSIDERED AS CONTRACT CHANGES.

LEGEND	
	ROOFSCREEN FRAME W/ FRAME #
	ROOFSCREEN FRAME W/ FRAME #
	LATERAL BRACE W/ BRACE # (DTL 10/RS-4)
	OFFSET ON PLAN FOR CLARITY ONLY
	ARROW INDICATES DOWN SLOPE
	PANELS AND HAT CHANNEL (H13) AND
	SPLICE (H14) AS REQUIRED (DTL 11/RS-4)

ROOFSCREEN PLAN		<div><div>ROOFSCREEN MFG., INC. 347 CORAL STREET SANTA CRUZ, CA 95060 (866) 766-3727 INFO@ROOFSCREEN.COM</div></div>	6/27/17			REV	DESCRIPTION	BY	DATE
						△	CONSTRUCTION DOCUMENTS	MA	05/17/17
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DRAWN BY: ML									
CHECKED BY: GP									
JOB NUMBER: 2730									
SHEET									
RS-1									

ROOFSCREEN INSTALLATION NOTES

- ALL WORK SHALL BE PERFORMED EXCLUSIVELY BY TRAINED COMPETENT PERSONNEL AND SHALL COMPLY WITH ALL APPLICABLE SAFETY LAWS, REGULATIONS, PROGRAMS AND PRACTICES TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE.
- TOP OF SCREEN ELEVATION SHALL BE UNIFORM ALONG FULL LENGTH OF WALL AND SHALL NOT EXCEED MAX ELEVATION SHOWN.
- FRAME DIMENSIONS SHOWN ARE FOR THE TALLEST FRAME WHERE THE ROOF IS AT ITS LOWEST ELEVATION. FRAME TUBES WILL BE PRE-CUT AND DELIVERED TO THESE DIMENSIONS. FRAMES INSTALLED WHERE ROOF IS AT HIGHER ELEVATIONS MAY REQUIRE FIELD TRIMMING OF THE VERTICAL AND DIAGONAL TUBE LENGTHS TO KEEP TOP OF SCREEN ELEVATION LEVEL.
- LASER MEASURING IS RECOMMENDED PRIOR TO FIELD CUTTING.
- ENSURE BASE SUPPORTS ARE CENTERED ON EXISTING FRAMING.
- INSTALL FRONT BASE SUPPORTS IN A STRAIGHT LINE USING LASER LEVEL OR STRING LINE. THERE IS NO FRONT TO BACK ADJUSTMENT FOR THE FRAME CONFIGURATION USED ON THIS PROJECT.
- WHEN USING SELF-DRILLING TEK SCREWS TO FASTEN BASE SUPPORTS THROUGH METAL DECKING TO STEEL STRUCTURAL MEMBERS BELOW, IT IS NECESSARY TO DRILL A CLEARANCE HOLE, LARGER THAN THE DIAMETER OF THE TEK SCREW, IN THE HIGH FLUTE OF THE METAL DECKING TO ALLOW THE SCREW TO SPIN AT THE PROPER SPEED TO DRILL INTO THE STEEL BELOW. IT IS NOT NECESSARY OR RECOMMENDED TO DRILL A PILOT HOLE IN THE STEEL MEMBER.
- DO NOT OVER TORQUE THREAD CUTTING SCREWS IN THE ROTOLOCK CONNECTION. FASTENER IS CORRECTLY INSTALLED WHEN SCREW REACHES THE SURFACE OF THE C11. OVER TORQUING WILL CAUSE SCREW HEAD TO SHEAR OFF.**
- TO REDUCE THE POSSIBILITY OF CONDENSATION, FILL BASE SUPPORTS & ROUND POST SUPPORTS WITH UNFACED BATT INSULATION (SUPPLIED BY OTHERS) DURING INSTALLATION.
- STAINLESS STEEL BOLT WITH SEALING WASHER, P/N B11 CONNECTING THE C10 BASE CAP TO THE BASE SUPPORT SHALL NOT BE RE-USED IF REMOVED AFTER TIGHTENING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WATER-TIGHTNESS OF THE EXISTING ROOF DECK. FLASHING AND ROOFING OF BASE SUPPORTS SHALL BE PER ROOFING SYSTEM MANUFACTURER'S REQUIREMENTS. VERIFICATION OF COMPLIANCE WITH ROOF WARRANTY AND PRE-APPROVAL FROM ROOFING SYSTEM MANUFACTURER, IF REQUIRED, SHALL BY PERFORMED BY OTHERS.
- ROOF FLASHING BOOTS SHALL TERMINATE FLUSH WITH TOP OF BASE SUPPORTS WHEN POSSIBLE BUT NOT MORE THAN ½" BELOW.
- APPROPRIATE CARE SHALL BE TAKEN TO ELIMINATE THE POSSIBILITY OF DAMAGE TO EXISTING DECK AND ROOFING SYSTEM. CONSTRUCTION MATERIALS SHALL NOT BE STORED ON THE ROOF DECK UNLESS APPROPRIATE MEASURES ARE TAKEN TO PROTECT THE ROOF FROM DAMAGE.
- MANY OF THE FRAME CONNECTOR FITTINGS HAVE EXTRA SCREW HOLES. SEE ROOFSCREEN SPECIFICATIONS ON THIS SHEET FOR THE CORRECT NUMBER OF SCREWS PER FITTING.
- AFTER ROOFSCREEN PANELS ARE INSTALLED, ATTACH TRIM TO PANELS. ATTACH CAP WITH COLOR-MATCHED POP RIVETS AT 2'-8" O.C. THROUGH BACK LEG OF TRIM INTO PANEL TABS PER DTL 17/RS-4. ALONG EACH LEG OF TRIM AT CORNERS AND ALONG SINGLE LEGS AT END CONDITIONS ATTACH CORNER TRIM WITH COLOR-MATCHED POP RIVETS @ 12" O.C. THROUGH FACE OF TRIM INTO PANEL PER DTLs 17/RS-4.
- APPLY ANTI-SEIZING LUBRICANT TO ALL STAINLESS BOLTS DURING INSTALLATION TO PREVENT GALLING.
- AFTER INSTALLATION IS COMPLETE, DUST OFF AND REMOVE ALL METAL SHAVINGS FROM BASE CAPS AND FINISHED ROOF SURFACE TO PREVENT SURFACE RUST AND STAINING.

ROOFSCREEN SPECIFICATIONS:

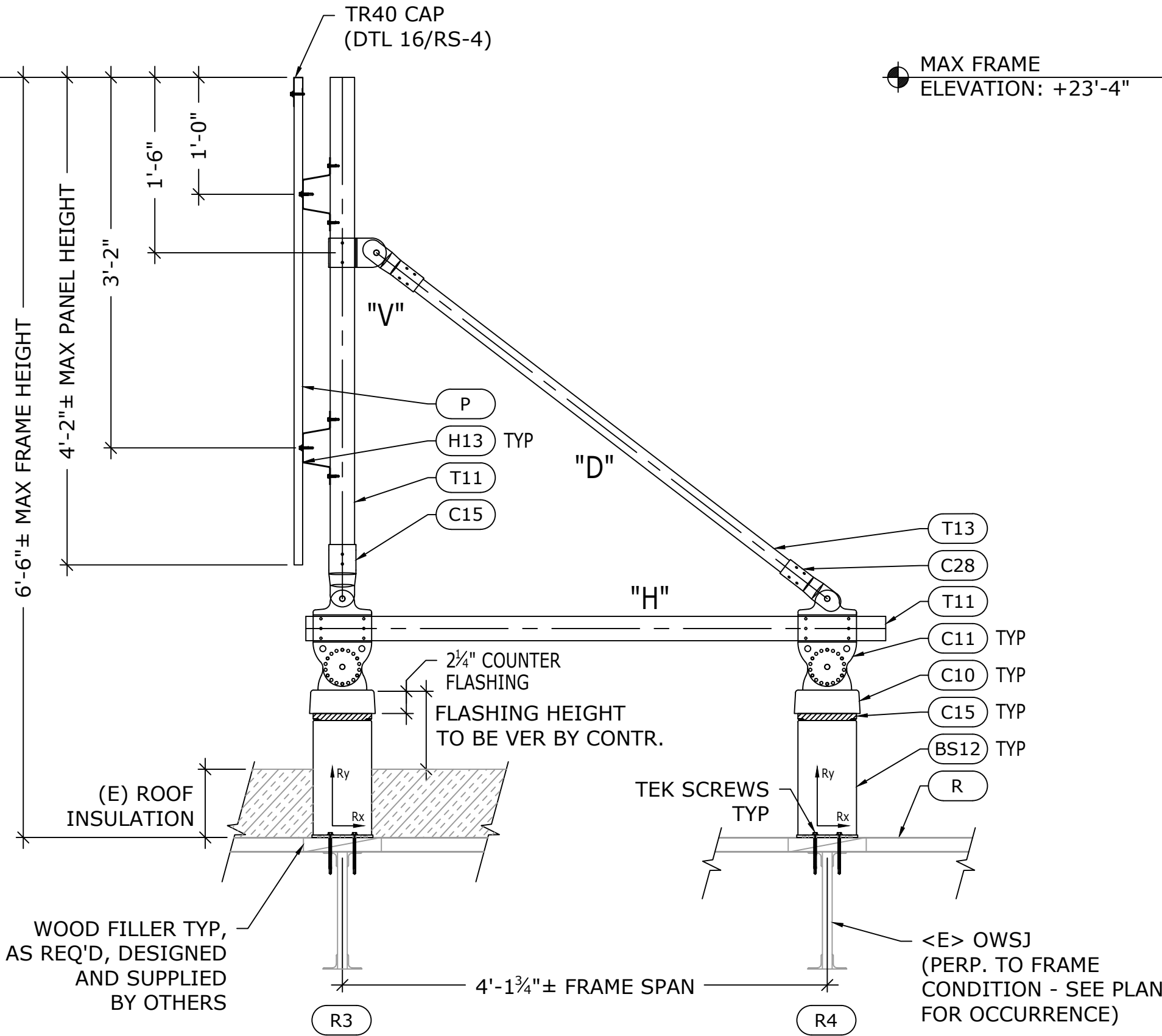
- P** PANEL: FLUSH TEXTURED ⅞" DEEP, 20ga, ORIENT VERTICAL, FASTEN TO HORIZONTAL HAT CHANNEL W/ #12-14 X 1" LONG T/3 "TEK" SCREW - ROOFSCREEN P/N "S10", (1) PER HAT SECTION, PER DTL 13/RS-4, AND PER MANUFACTURER'S SPECS. DEFLECTION LIMIT = L/180
- HAT CHANNEL: ASTM A653, FY = 55 ksi
- H13** HAT CHANNEL: 3" DEEP, 16ga, CUSTOM PROFILE, ORIENT HORIZONTAL, FASTEN TO TUBE FRAMES W/ #12-14 X 1" LONG T/3 "TEK" SCREW - ROOFSCREEN P/N "S10", (2) EA LEG. SPLICE IN FIELD WITH "H14" PER DTL 11/RS-4. SPLICE AT CORNERS WITH "TR37", PER DTL 12/RS-4 AT OUTSIDE CORNERS.
- TUBE STEEL: ASTM A500.
- T10** HSS 2.500 OD X 0.065 (16ga), Fy= 40ksi
- T11** HSS 2.500 OD X 0.120 (11ga), Fy= 50ksi
- T12** HSS 2.197 OD X 0.109 (12ga), Fy= 50ksi - SHIM INSIDE T11 TUBE (DTL 9RS-4)
- T13** HSS 1.510 OD X 0.065 (16ga), Fy= 40ksi
- PROPRIETARY CONNECTORS:
- C15** END CONNECTOR: CONN TO TUBE W/ #12-14 X 1" LONG T/3 "TEK" SCREWS - ROOFSCREEN P/N "S10", (2) EA SIDE TYP. (4) TOTAL CONN TO BASE CONN OR FIELD CONN W/ Ø½" X 1¼" LONG ANSI 18-8 STAINLESS STEEL BOLT - ROOFSCREEN P/N "B13", LOCKWASHER - P/N "W10" AND NUT - P/N "N10".
- C28** END CONNECTOR CONN TO TUBE W/ #12-14 X 1" LONG T/3 "TEK" SCREWS - ROOFSCREEN P/N "S10", (2) EA SIDE TYP. (4) TOTAL CONN TO BASE CONN OR FIELD CONN W/ Ø½" X 1¼" LONG ANSI 18-8 STAINLESS STEEL BOLT - ROOFSCREEN P/N "B13", LOCKWASHER - P/N "W10" AND NUT - P/N "N10"
- C12** FIELD CONNECTOR: CONN TO TUBE W/ #12-14 X 1" LONG T/3 "TEK" SCREWS - ROOFSCREEN P/N "S10", (2) EA SIDE TYP. (4) TOTAL
- C11** BASE CONNECTOR: CONN TO TUBE W/ #12-14 X 1" LONG T/3 "TEK" SCREWS - ROOFSCREEN P/N "S10", (4) EA SIDE TYP. (8) TOTAL. SEE DTL 4/RS-4.
- C10** BASE CAP: CONN TO BASE CONNECTOR W/ Ø½" X 1¼" LONG ANSI 18-8 STAINLESS STEEL BOLT - ROOFSCREEN P/N "B13", LOCKWASHER - P/N "W10" AND NUT - P/N "N10". SET ROTOLOCK ANGLE USING Ø¼"-20 X ¾" SS THREAD CUTTING SCREWS - ROOFSCREEN P/N "S44", (4) TOTAL PER ENGINEERING REQUIREMENT. SEE DTL 4/RS-4 FOR ROTOLOCK ATTACHMENT. CONN TO BASE EXTENSION W/ Ø⅝" X 1" LONG ANSI 18-8 STAINLESS STEEL BOLT W/ POLY WASHER - ROOFSCREEN P/N "B11". (8) TOTAL
- BS15** BASE SUPPORT EXTENSION: 3" HIGH (1 PER BASE SUPPORT MAX)
- BS12** BASE SUPPORT: 12" HIGH CONN TO OWSJ TOP CHORD OR WFB TOP FLANGE W/ #14-20 x 4" T/5 SELF-DRILLING "TEK" SCREW - ROOFSCREEN P/N "S13", (4) TOTAL PER BS12 DTL 2/RS-4. ALIGN BASE SUPPORT W/ CENTERLINE OF EXISTING FRAMING.

TUBE FRAME AT SPACING PER PLAN

SCALE: NTS

FRAMES 3, 4

2

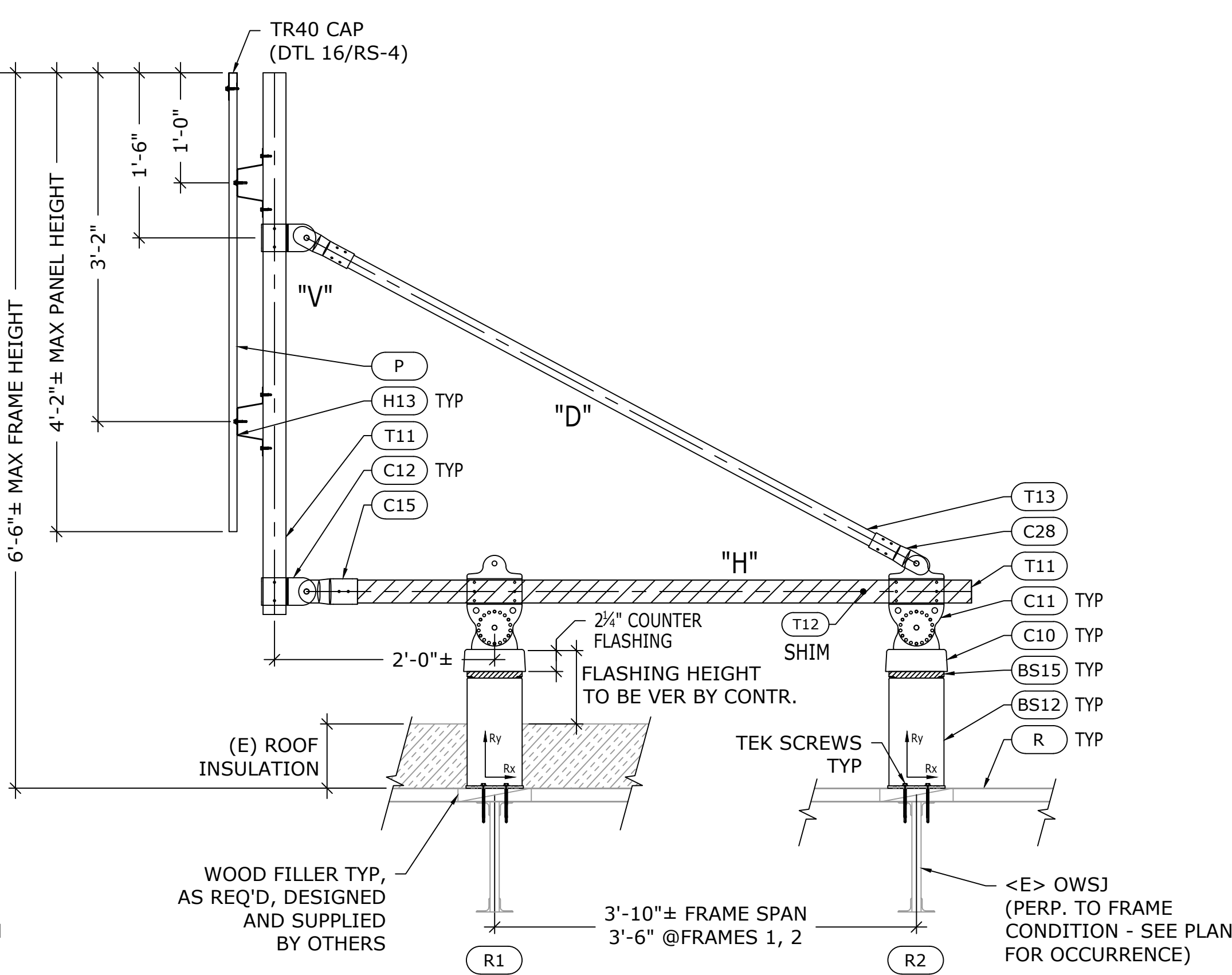


TUBE FRAME AT SPACING PER PLAN

SCALE: NTS

FRAMES 1, 2, 13-15

1



ROOFSCREEN REACTIONS:

EVALUATION OF THE EXISTING ROOF SHEATHING, ROOF FRAMING AND BUILDING FOR NEW MECHANICAL EQUIPMENT AND SCREEN LOADS (INCLUDING SNOW DRIFT LOADING EFFECTS) SHALL BE PERFORMED BY OTHERS. AS REQUIRED PER EVALUATION, REINFORCEMENT SHALL BE PROVIDED BY OTHERS. ANALYSIS SHALL BE DONE BY A LICENSED PROFESSIONAL ENGINEER. ROOFSCREEN REACTIONS PROVIDED ARE BASED ON THE DESIGN CRITERIA ON SHEET RS-0. THE MAXIMUM UN-FACTORED REACTIONS AT THE BASE ARE AS FOLLOWS:

WIND:

- R1** Rx=-375 lbs SHEAR AND Ry=-1924lbs TENSION OR Rx=375 lbs SHEAR AND Ry=1924 lbs COMPRESSION
- R2** Rx=-1135lbs SHEAR AND Ry=1924 lbs COMPRESSION OR Rx=1135 lbs SHEAR AND Ry=-1924lbs TENSION
- R3** Rx=-619 lbs SHEAR AND Ry=-1293lbs TENSION OR Rx=619 lbs SHEAR AND Ry= 1293 lbs COMPRESSION
- R4** Rx=-587 lbs SHEAR AND Ry=1293 lbs COMPRESSION OR Rx=587 lbs SHEAR AND Ry= -1293 lbs TENSION

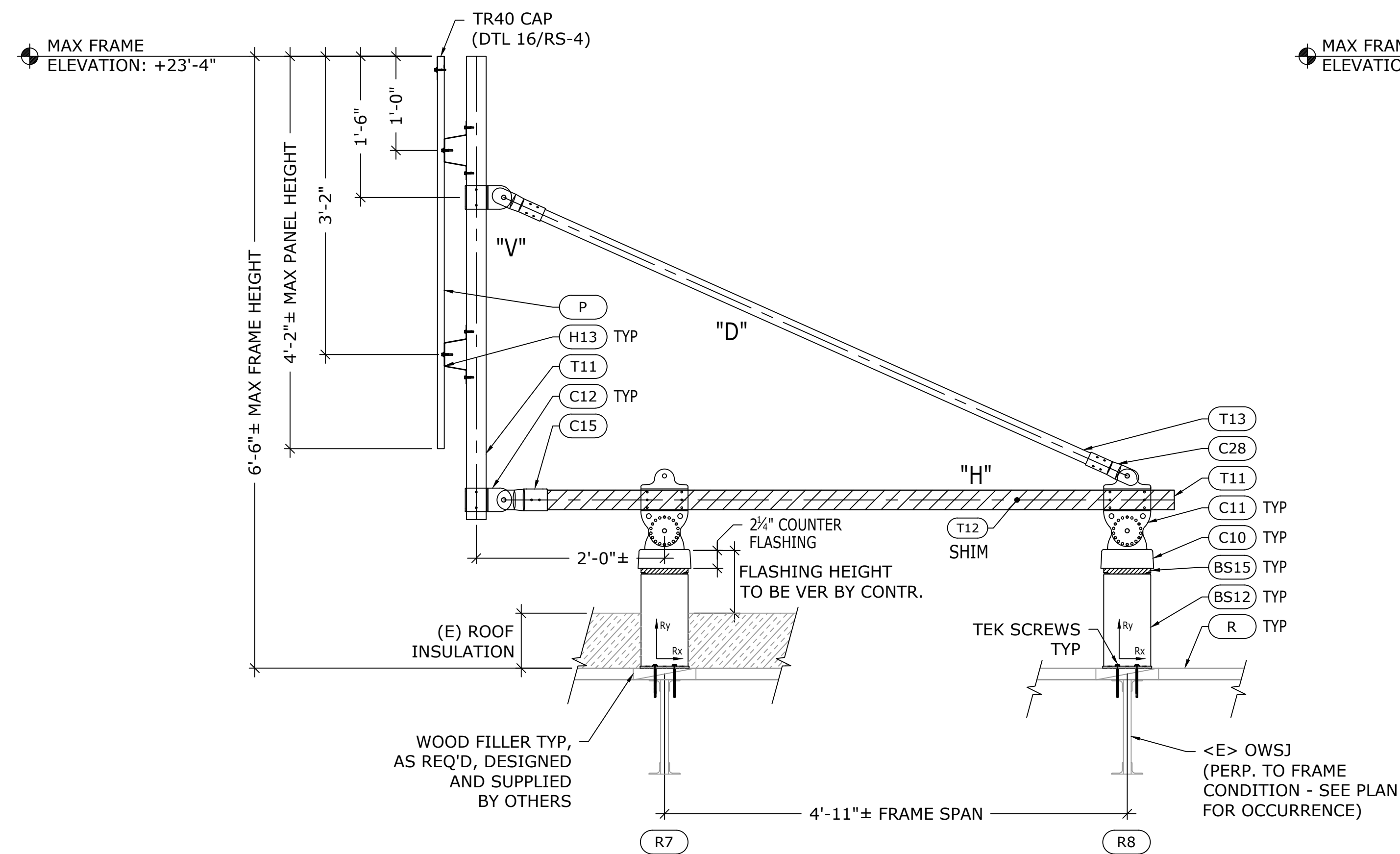
DEAD:

- R1** Rx=-77 lbs SHEAR AND Ry =269 lbs COMPRESSION
- R2** Rx=77 lbs SHEAR AND Ry =-59 lbs TENSION
- R3** Rx=2 lbs SHEAR AND Ry =141 lbs COMPRESSION
- R4** Rx=-2 lbs SHEAR AND Ry =24 lbs COMPRESSION
- R** EXISTING ROOF FRAMING: 1½" 22ga METAL "B" DECK OVER LH JOISTS AND WFB PER PLAN.

MAXIMUM HEIGHT REFERS TO MAXIMUM HEIGHT ABOVE AVERAGE LEVEL OF ADJOINING GROUND ADJACENT TO THE BUILDINGS.

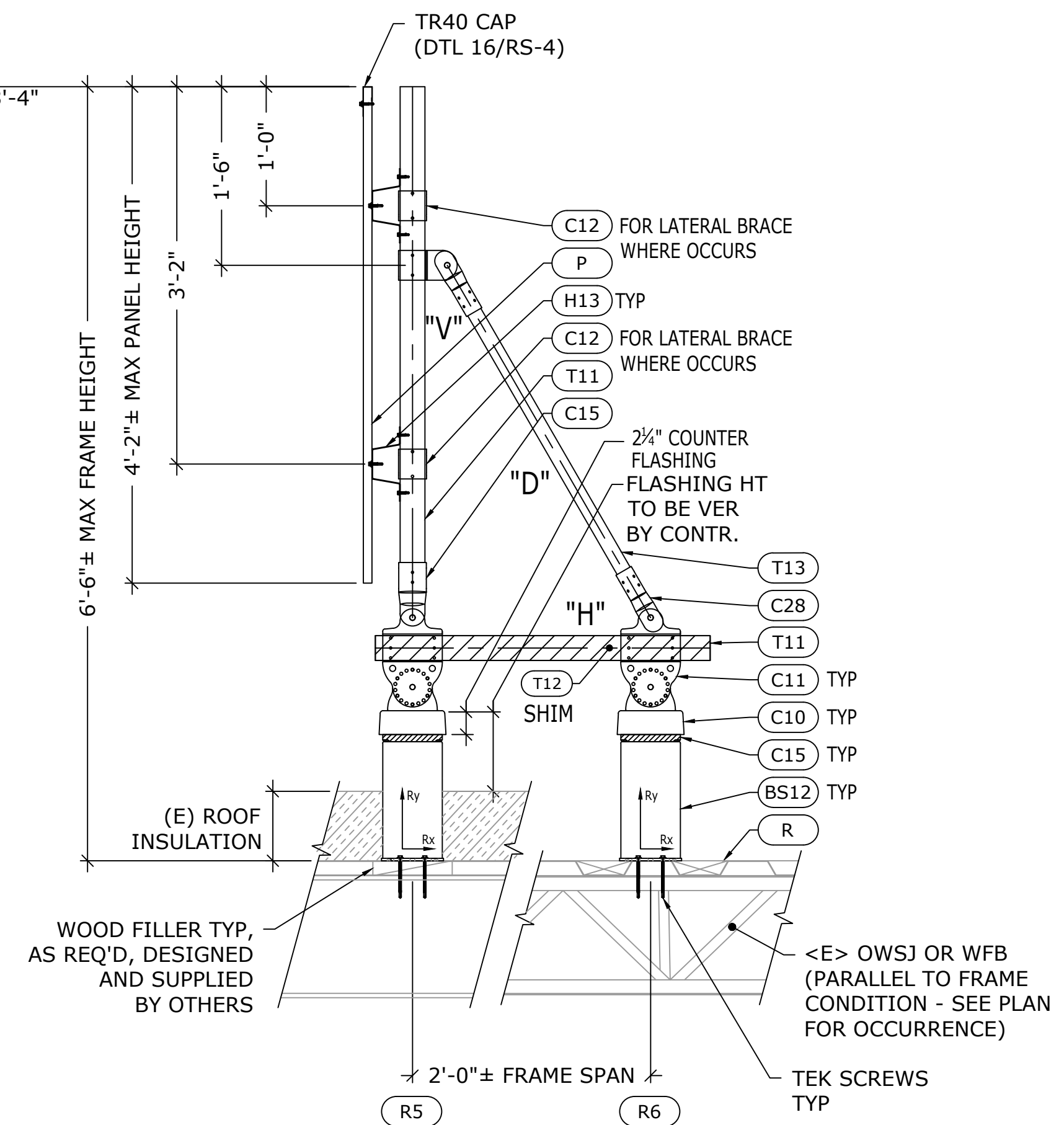
ALL OTHER ARRANGEMENTS REQUIRE ENGINEER'S APPROVAL.

REV	DESCRIPTION	BY	DATE
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6/27/17			
ROOFSCREEN FRAME DETAILS & SPECIFICATIONS		ROOFSCREEN MFG., INC. 347 CORAL STREET SANTA CRUZ, CA 95060 (866) 766-3727 INFO@ROOFSCREEN.COM	
DRAWN BY: ML			
CHECKED BY: GP			
JOB NUMBER: 2730			
SHEET			
RS-2			



TUBE FRAME AT SPACING PER PLAN
SCALE: NTS
FRAMES 16, 17

4



TUBE FRAME AT SPACING PER PLAN
SCALE: NTS
FRAMES 5-12, 18-26

3

ROOFSCREEN REACTIONS:

EVALUATION OF THE EXISTING ROOF SHEATHING, ROOF FRAMING AND BUILDING FOR NEW MECHANICAL EQUIPMENT AND SCREEN LOADS (INCLUDING SNOW DRIFT LOADING EFFECTS) SHALL BE PERFORMED BY OTHERS. AS REQUIRED PER EVALUATION, REINFORCEMENT SHALL BE PROVIDED BY OTHERS. ANALYSIS SHALL BE DONE BY A LICENSED PROFESSIONAL ENGINEER. ROOFSCREEN REACTIONS PROVIDED ARE BASED ON THE DESIGN CRITERIA ON SHEET RS-0. THE MAXIMUM UN-FACTORED REACTIONS AT THE BASE ARE AS FOLLOWS:

WIND:

- R5 Rx=-307 lbs SHEAR AND Ry=-3376 lbs TENSION OR Rx=307 lbs SHEAR AND Ry=3376 lbs COMPRESSION
- R6 Rx=-1209 lbs SHEAR AND Ry=3376 lbs COMPRESSION OR Rx=1209 lbs SHEAR AND Ry=-3376 lbs TENSION
- R7 Rx=-448 lbs SHEAR AND Ry=-1369 lbs TENSION OR Rx=448 lbs SHEAR AND Ry= 1369 lbs COMPRESSION
- R8 Rx=-1062 lbs SHEAR AND Ry=1369 lbs COMPRESSION OR Rx=1062 lbs SHEAR AND Ry= -1369 lbs TENSION

DEAD:

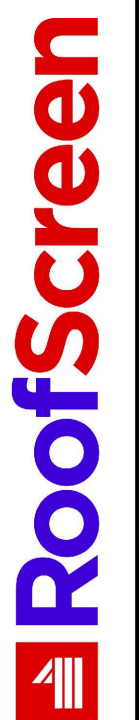
- R5 Rx=0 lbs SHEAR AND Ry =166 lbs COMPRESSION
- R6 Rx=0 lbs SHEAR AND Ry =23 lbs COMPRESSION
- R7 Rx=-76 lbs SHEAR AND Ry =249 lbs COMPRESSION
- R8 Rx=76 lbs SHEAR AND Ry =-29 lbs TENSION
- R EXISTING ROOF FRAMING: 1½" 22ga METAL "B" DECK OVER LH JOISTS AND WFB PER PLAN.

MAXIMUM HEIGHT REFERS TO MAXIMUM HEIGHT ABOVE AVERAGE LEVEL OF ADJOINING GROUND ADJACENT TO THE BUILDINGS.

ALL OTHER ARRANGEMENTS REQUIRE ENGINEER'S APPROVAL.

REV	DESCRIPTION	BY	DATE
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ROOFSCREEN MFG., INC.
347 CORAL STREET
SANTA CRUZ, CA 95060
(866) 766-3722
INFO@ROOFSCREEN.COM



ROOFSCREEN FRAME DETAILS
& SPECIFICATIONS

DRAWN BY: ML
CHECKED BY: GP
JOB NUMBER: 2730
SHEET

RS-3

<p>AFTER C11 IS ROTATED INTO DESIRED LOCATION INSTALL S44 THREAD CUTTING SCREWS INTO ALIGNED HOLES WITH A 80% MIN OPENING, (4) TOTAL PER C11</p> <p>INSTALL (4) TEK SCREWS (S10) INTO HOLES INDICATED. (4) EACH SIDE, (8) TOTAL PER C11</p> <p>ROTATE C11 INTO DESIRED POSITION</p> <p>SEE INSTALL MANUAL FOR DETAILED INSTRUCTION</p>		<p>TOP</p> <p>BOTTOM</p> <p>SECTION A-A</p> <p>NOTES: 1. CONNECT TOP OF BASE SUPPORT EXTENSION TO BASE CAP WITH $\frac{5}{16}$" DIAM. ANSI 18-8 STAINLESS STEEL BOLT, ROOFSCREEN P/N "B11", (1) BOLT AT EACH HOLE, (8) TOTAL 2. CONNECT BOTTOM OF BASE SUPPORT EXTENSION TO BASE SUPPORT WITH $\frac{5}{16}$" ANSI 18-8 STAINLESS STEEL BOLT, ROOFSCREEN P/N "B12", (1) BOLT AT EACH HOLE, (8) TOTAL</p> <p>MAT'L: ASTM-A1008 CRS, 11ga FINISH: PRIMER POWDER COAT NET WEIGHT: 2.83 lbs</p>		<p>SECTION A-A</p> <p>INSTALL FASTENERS IN HOLES INDICATED $\varnothing 0.313$ THRU (12X) $\varnothing 0.470$ THRU (5X)</p> <p>OWSJ BELOW (OR WFB)</p> <p>MAT'L: (BOX)ASTM-A1008 CRS, 11ga/ (PLATE)ASTM-A1018 GR36 HRS, $\frac{1}{4}$" FINISH: PRIMER POWDER COAT NET WEIGHT: 12.08 lbs</p>		<p>BASE ASSEMBLY</p> <p>B11 (X8)</p> <p>BASE GASKET</p> <p>BASE FLASHING (BY OTHERS)</p> <p>BASE SUPPORT EXTENSION</p> <p>B12 (8X) INSIDE BASE EXTENSION</p> <p>BASE SUPPORT</p>		DATE 05/17/17							
4	ROTOLOCK CONNECTION	SCALE: NTS	3	BS15 BASE SUPPORT EXT. (3")	SCALE: NTS	2	BS12 BASE SUPPORT (12")	SCALE: NTS	1	BASE SUPPORT ASSEMBLY INSTALLATION	SCALE: NTS	DESCRIPTION CONSTRUCTION DOCUMENTS			
<p>USE #12-24 X 1.25" LONG T/5 TEK SCREWS, ROOFSCREEN P/N S35, BOTH SIDES OF $\varnothing 2.5$" TUBE</p> <p>PROVIDE (4) FASTENERS EACH END OF SHIM</p> <p>PER FRAME ELEVATIONS</p> <p>T12 SHIM TUBE ($\varnothing 2.197$) FITS INSIDE T11 TUBE ($\varnothing 2.5$)</p> <p>NOTE: WHEN SHIMS OCCUR AT BASE CONNECTOR & FIELD CONNECTOR LOCATIONS, ADJUST SCREW SPACING TO UTILIZE HOLES PROVIDED IN CONNECTORS</p> <p>MAT'L: T11 - 11ga STEEL T12 - 12ga STEEL FINISH: GATORSHIELD</p>		<p>A13 2 1/2" FIELD, 2 1/2" END</p> <p>MAT'L: T11 - 11ga STEEL T12 - 12ga STEEL FINISH: GATORSHIELD</p>		<p>A28 2 1/2" FIELD, 1 1/2" END</p> <p>MAT'L: T11 - 11ga STEEL T12 - 12ga STEEL FINISH: GATORSHIELD</p>		<p>A10 2 1/2" FIELD, 1 1/2" END</p> <p>MAT'L: T11 - 11ga STEEL T12 - 12ga STEEL FINISH: GATORSHIELD</p>		<p>A18 2 1/2" FIELD, 1 1/2" END</p> <p>MAT'L: T11 - 11ga STEEL T12 - 12ga STEEL FINISH: GATORSHIELD</p>		6/27/17					
9	TUBE SHIM	SCALE: NTS	8	A13 2 1/2" FIELD, 2 1/2" END	SCALE: NTS	7	A28 2 1/2" FIELD, 1 1/2" END	SCALE: NTS	6	A10 BASE ASSEMBLY ROUND	SCALE: NTS	5	A18 BASE ASSEMBLY ROUND W/1.5" END	SCALE: NTS	REVISIONS 6/27/17
<p>FINISH SIDE</p> <p>1'-4"</p> <p>1/2"</p> <p>#12-14 X 1" LONG T/3 "TEK SCREW (S10)</p> <p>NOTE: CONCEALED FASTENED PANEL</p> <p>MAT'L: 20ga G 90 GALV. STEEL PRIMER: COATED 2-SIDED EPOXY FINISH: PROPRIETARY STUCCO FORMULA WITH MARBLE CRUSH NET WEIGHT: 2.65 plf</p>		<p>3" (2X)</p> <p>16ga</p> <p>TR 37</p> <p>PANEL FINISH SIDE</p> <p>HAT SECTION</p> <p>TEK SCREW TYP</p> <p>TR37, ATTACH TO PANELS W/#12-14 X1" T/3 TEK SCREWS, P/N S10, (8) TOTAL</p> <p>PLAN VIEW</p> <p>TR37</p> <p>TEK SCREW TYP</p> <p>PANELS ATTACH TO HAT SECTION AS SHOWN IN PLAN VIEW</p>		<p>1'-4" MIN</p> <p>2 1/2" MIN</p> <p>1/4"</p> <p>SECTION A-A</p> <p>MAT'L: H13,H14 - 16ga, ASTM A653, Fy = 55ksi (min) FINISH: H13,H14 - G90 GALV.</p>		<p>1'-4"</p> <p>1/2"</p> <p>TEK SCREW TYP</p> <p>TR37</p> <p>TEK SCREW TYP</p> <p>PANELS ATTACH TO HAT SECTION AS SHOWN IN PLAN VIEW</p>		<p>7'-0"</p> <p>5'-0"</p> <p>USE EXTENSION TIE BAR, G20, WHEN LATCH PLACEMENT EXCEEDS HEIGHT OF USER</p> <p>ATTACH EXT. TIE BAR TO LATCH EXT. BAR USING ROOFSCREEN PN "B27" & "N17"</p> <p>ATTACH LATCH EXTENSION TO LATCH USING $\varnothing \frac{3}{16}$" BOLT, WASHER, AND NUT-ROOFSCREEN P/N "B27", "N17"</p>		DATE 05/17/17					
13	P23 FLUSH TEXTURED PANEL	SCALE: NTS	12	TR37 STIFFENER AT OUTSIDE CORNER	SCALE: NTS	11	HAT AND SPLICE DETAIL 12 SCREW, H13/H14	SCALE: NTS	10	LATERAL BRACE ASSEMBLY	SCALE: NTS	DESCRIPTION CONSTRUCTION DOCUMENTS			
<p>5" (2X)</p> <p>1/2" (2X) OPEN PARALLEL HEM (TYP)</p> <p>FINISH SIDE</p> <p>MATERIALS AND FINISH TO MATCH PANELS</p>		<p>1 1/2"</p> <p>3/8"</p> <p>3/4"</p> <p>3"</p> <p>FINISH SIDE</p> <p>MATERIALS AND FINISH TO MATCH PANELS</p>		<p>1 1/2"</p> <p>3/8"</p> <p>3/4"</p> <p>3"</p> <p>FINISH SIDE</p> <p>MATERIALS AND FINISH TO MATCH PANELS</p>		<p>24", 36", 48", ETC.)</p> <p>12"</p> <p>USE EXTENSION TIE BAR, G20, WHEN LATCH PLACEMENT EXCEEDS HEIGHT OF USER</p> <p>ATTACH EXT. TIE BAR TO LATCH EXT. BAR USING ROOFSCREEN PN "B27" & "N17"</p> <p>ATTACH LATCH EXTENSION TO LATCH USING $\varnothing \frac{3}{16}$" BOLT, WASHER, AND NUT-ROOFSCREEN P/N "B27", "N17"</p>		<p>7'-0"</p> <p>5'-0"</p> <p>USE EXTENSION TIE BAR, G20, WHEN LATCH PLACEMENT EXCEEDS HEIGHT OF USER</p> <p>ATTACH EXT. TIE BAR TO LATCH EXT. BAR USING ROOFSCREEN PN "B27" & "N17"</p> <p>ATTACH LATCH EXTENSION TO LATCH USING $\varnothing \frac{3}{16}$" BOLT, WASHER, AND NUT-ROOFSCREEN P/N "B27", "N17"</p>		DATE 05/17/17					
18	OUTSIDE CORNER 5" X 5" (TR21)	SCALE: NTS	17	END TRIM (TR40)	SCALE: NTS	16	TRIM CAP (TR40), FLUSH PANEL (P23) ATTACHMENT	SCALE: NTS	15	GATE LATCH ASSEMBLY	SCALE: NTS	14	A63 VERTICAL GATE ASSEMBLY	SCALE: NTS	REVISIONS 6/27/17

RoofScreen

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PARTS/ASSEMBLY DETAIL
DIMS IN INCHES U.N.O.

DRAWN BY: ML
CHECKED BY: GP
JOB NUMBER: 2730
SHEET

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