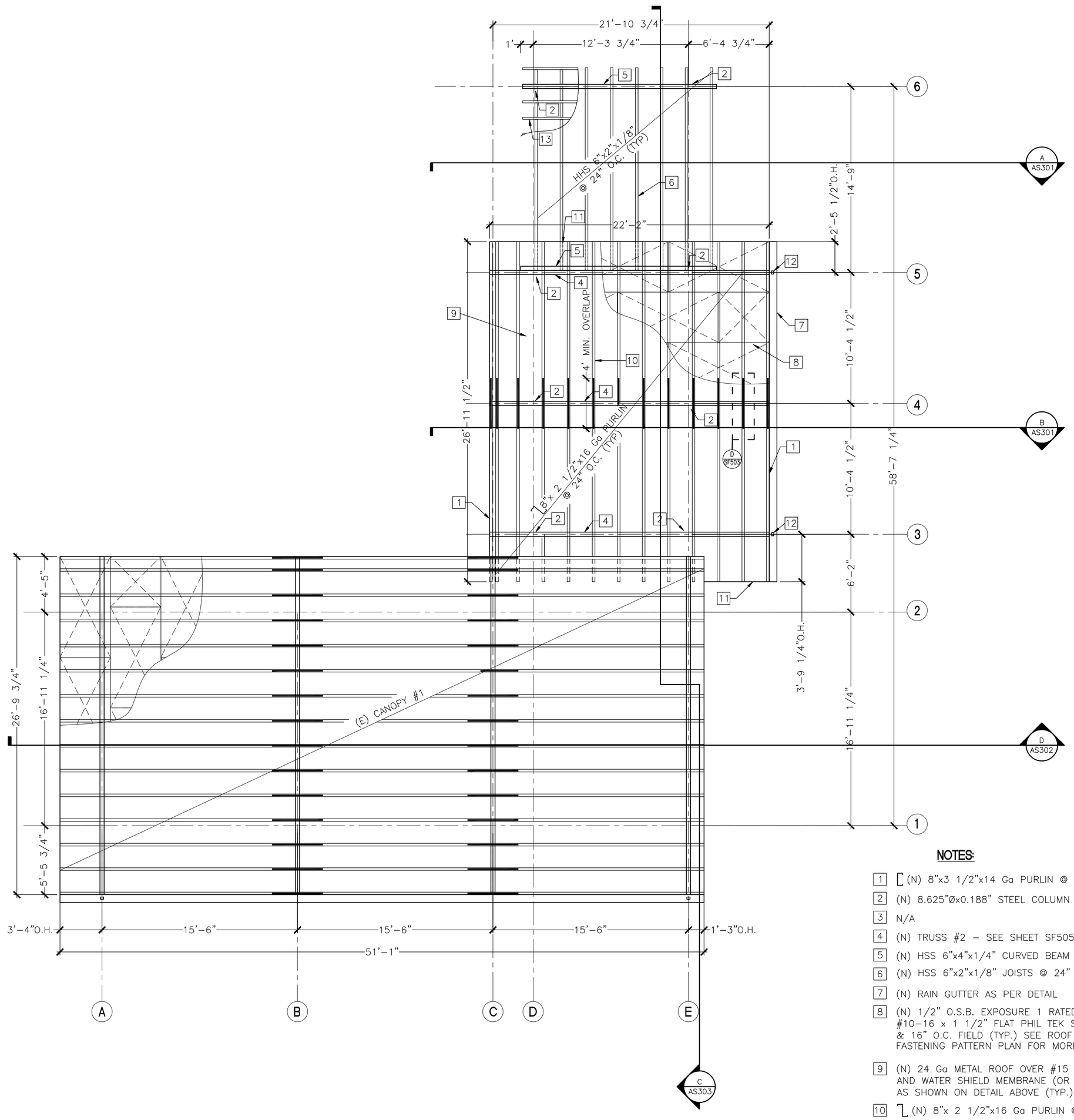


NORTH

PROJECT DATA

ALLOWABLE SOIL PRESSURE = 3000 PSF
SEISMIC IMPORTANCE FACTOR: I=1
CO-ORDINATES: LATITUDE = 36.77° / LONGITUDE = -119.78°
SPECTRAL RESPONSE ACCELERATION: Ss = 0.507 / S1 = 0.223
SPECTRAL RESPONSE COEFICIENTS: Sds = 0.41 / Sd1 = 0.290
SITE COEFICIENTS: Fa = 1.394 / Fv = 1.955
SEISMIC DESIGN CATEGORY: C
WIND DESIGN SPEED: 110 MPH – EXP. B

MATERIAL SPECIFICATIONS

ROOF AND SOFFIT PANELS:
PREFINISHED METAL:
ASTM A446-85 Grade C G90 COATING A525-86 CORE STEEL OR PREFINISHED GALVALUME – ASTM 792-86 AZ-55
UNFINISHED METAL:
Grade C GALVALUME ASTM 792-86, AZ-55

PURLINS:
ASTM A1011 SS OR HSLAS, CLASS 1, GRADE 55

STRUCTURAL (ROUND) TUBE:
ASTM A500 Gr.B (Fy=42 ksi.)

STRUCTURAL (SQUARE, RECTANGULAR) TUBE:
ASTM A500 Gr.B (Fy=46 ksi.)

BOLTS:
ASTM A307, GRADE A HEX BOLT WITH HEX NUT
WASHERS: TYPE 1 ASTM F436 (IF REQUIRED)
ANCHOR BOLTS: CAST IN PLACE L-BOLT ASTM A307 GRADE A HEX BOLT WITH HEX NUT

PLATE & BASE PLATE:
PLATE ASTM A36, GRADE 50
BASE PLATE SIZES ARE 15"x15"x5/8" THICK UNLESS NOTED
BASE PLATES ARE DESIGNED ASSUMING CONCRETE HAS A MINIMUM STRENGTH OF 3000 P.S.I. AT 28 DAYS.

FASTENERS:
ALL SELF-DRILLING AND SELF-TAPPING SHEET METAL SCREWS WILL CONFORM TO THE FOLLOWING:
- #10-16x1.5" TEK 2 OR TEK 3 FLAT PHIL SCREWS SELF-DRILL SCREW CONFORMS TO SAE J78-98
- #14x1.5" TEK 2 OR TEK 3 HEX HEAD SELF-DRILL SCREW CONFORMS TO SAE J78-98

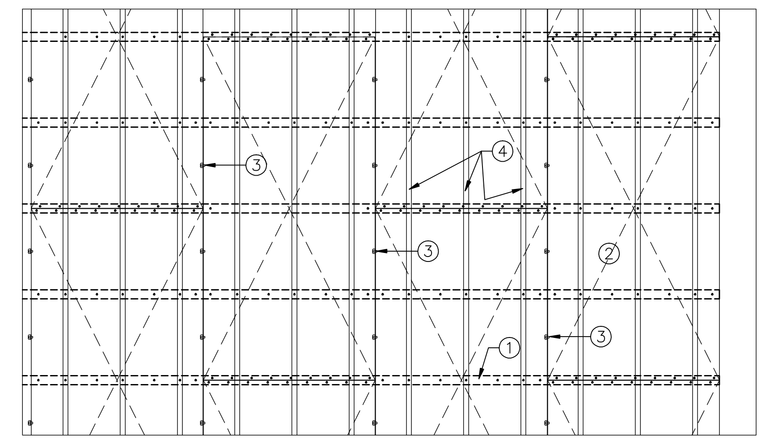
WELD MATERIAL:
E70XX

NOTES:

1. (N) 8"x3 1/2"x14 Ga PURLIN @ ROOF EDGE
2. (N) 8.625"Øx0.188" STEEL COLUMN
3. N/A
4. (N) TRUSS #2 – SEE SHEET SF505 FOR TRUSS DETAIL
5. (N) HSS 6"x4"x1/4" CURVED BEAM – SEE SHEET SF505
6. (N) HSS 6"x2"x1/8" JOISTS @ 24" O.C. (TYP)
7. (N) RAIN GUTTER AS PER DETAIL
8. (N) 1/2" O.S.B. EXPOSURE 1 RATED SHEATHING W/ #10-16 x 1 1/2" FLAT PHIL TEK SCREWS @ 6" O.C. EDGE & 16" O.C. FIELD (TYP.) SEE ROOF SHEATHING AND RIBS FASTENING PATTERN PLAN FOR MORE INFORMATION
9. (N) 24 Ga METAL ROOF OVER #15 FELT. INSTALL GRACE ICE AND WATER SHIELD MEMBRANE (OR SIMILAR) AT ROOF EDGES AS SHOWN ON DETAIL ABOVE (TYP.)
10. (N) 8"x 2 1/2"x16 Ga PURLIN @ 24" O.C. (TYP)
11. (N) 24 Ga DRIP FLASHING – SEE DETAILS G/SF503
12. (N) DOWNSPOUT AS PER DETAIL (TYP.)
13. (N) HHS 1-1/2"x1-1/2"x3/16" TRELLIS @ 16" O.C. (TYP.)

ABBREVIATIONS: O.H. = OVERHANG

ROOF FRAMING PLAN
SCALE: 1/4"=1'-0"



ROOF SHEATHING AND RIB FASTENING PATTERN PLAN
SCALE: 1/2"=1'-0"

1. PURLINS AS PER ROOF FRAMING PLAN
2. 1/2" O.S.B. EXPOSURE 1 RATED SHEATHING W/ #10-16 x 1 1/2" FLAT PHIL TEK SCREWS @ 6" O.C. EDGE & 16" O.C. FIELD (TYP.) LAY PANELS WITH JOINT STAGGERED WITH EDGE AND ENDS 1/8" AND SCREWED OVER BEARING AS ESPECIFIED
3. PSCL1/2 CLIPS AT SHEATHING UNSUPPORTED EDGES (TYP.)
4. CONTINUOUS ZEE-RIB @ 16" O.C. W/ 10-16 X 1 1/2" FLAT PHIL TEK SCREWS @ 24" O.C. (TYP.)

100% SUBMITTAL - FOR CONSTRUCTION

Revisions:	Date

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Drawing Title: ER CANOPIES ROOF FRAMING PLAN
Approved Project Director:
Project Title: CANOPIES AT ER ENTRANCE AREA AND FLAT WORK IMPROVEMENTS
Location: 2615 E. Clinton Ave, Fresno, CA
Date: 05-07-2012
Checked:
Drawn:
Project Number: 570-11-123
Building Number: Buillding 1
Drawing Number: SF101
Dwg. of --

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