



KEY NOTES

- HANGER WIRE AT 4'-0" OC IN PUNCHED OR DRILLED HOLE
- SPLAY BRACE WIRE TO RUN IN SAME PLANE AS RUNNERS AT MAX 45° FROM CEILING PLANE
- MAIN RUNNER
- 1/8" DIA POP RIVET TO EACH T-BAR
- WALL ANGLE
- 6d NAIL AT 16" OC AT WALL STUDS (WOOD STUDS) #8 STMS AT 16" OC AT WALL STUDS (STEEL STUDS)
- ANGLE WITH 1/8" DIA POP RIVET TO EACH T-BAR, NO CONNECTION TO WALL ANGLE
- TOP PLATE
- #10 STSMS AT 4' OC
- HVAC REGISTER, 2'x2' TYPICAL
- HANGER TO TOP LIP OF ROOF BEAM WHERE NO PURLIN ABOVE MAX SLOPE 1" IN 6", ALTERNATE: CONNECT TO BOTTOM LIP (DASHED) WHERE THERE IS INTERFERENCE WITH DUCTWORK
- 26 GA CEILING MOUNT X 2" C
- CROSS TEE
- HANGER WIRE AT THE END ON EACH RUNNER TO PURLIN MAX DISTANCE FROM WALL 8" OR 1/4 LENGTH OF END TEE RUNNER, WHICHEVER IS LESS, SEE 10/A2.04
- MAIN RUNNERS OR CROSS TEES
- #8 STSMS, (2) AT EACH END
- FINISH WALL
- HORIZONTAL STRUTS SHALL RUN CONTINUOUS AT ALL PERIMETERS, NOT POP RIVETED TO THE WALL ANGLE ARMSTRONG #7425 OR #7445 WITH SPRING STEEL SNAP TO RUNNER PER IR M-3
- ROOF BEAM
- NO POP RIVETS
- ROOF PURLIN
- CRIMP CONDUIT AND ATTACH TO T-BAR GRID WITH (1) #8 TEKSCREW
- CRIMP CONDUIT AND ATTACH TO PURLIN WITH (1) #8 TEKSCREW
- 3/4" EMT CONDUIT
- FIBERGLASS BLANKET INSULATION FOR FIRE BLOCK
- RECESSED LIGHT FIXTURE
- SLACK WIRES, TOTAL OF (2) LOCATED AT OPPOSITE CORNERS OF FIXTURE OR REGISTER
- (2) 26 GA STRAPS, FASTEN WITH #8 STSMS (1) TO REGISTER AND (1) TO ROOF PURLIN OR ROOF BEAM
- 24 GA REGISTER CLIP, FASTEN WITH #8 STSMS (1) TO CEILING GRID AND (1) TO REGISTER, (2) CLIPS AT EACH END
- ROOF SHEATHING
- (2) 26 GA STRAPS, FASTEN W/ #8 STSMS (1) TO REGISTER AND (1) TO ROOF PURLIN OR ROOF BEAM
- TYPICAL WALL FRAMING
- SIMPSON STRONG TILE LB28 FOR 2x6 OR LB24 FOR 2x4. ATTACH WITH MANUFACTURERS RECOMMENDED NAILING.
- 2x4, AND 2x6 CEILING JOIST

Joist size	Spacing	HemFir Stud No 2	HemFir No 1	HemFir No 1	DFL No. 1	DFL No. 2
2x4	12"oc	11'-3"	11'-7"	12'-2"	11'-10"	12'-5"
	16"oc	10'-3"	10'-6"	11'-0"	10'-9"	11'-3"
	24"oc	8'-11"	9'-2"	9'-8"	9'-5"	9'-10"
2x6	12"oc	17'-8"	18'-2"	19'-1"	18'-8"	19'-6"
	16"oc	16'-1"	16'-6"	17'-4"	16'-11"	17'-8"
	24"oc	14'-1"	14'-5"	15'-2"	14'-9"	15'-6"

- 2x6 - ATTACH TO WALL WITH (3) 16D BOX NAILS TYP.
- DRY WALL SCREWS TYPICAL
- 1/2" GYP. BOARD

NOTES

- ALL HANGER, SPLAY BRACE & SLACK WIRES SHALL BE 12 GA WITH MIN 4 TIGHT TURNS WITHIN 1 1/2" MAX OF EACH END
- FIRE BLOCKING TO BE PROVIDED AT CEILING LEVEL OF ALL WALLS. FIRE BLOCKING MAY BE OF WOOD, GYPSUM BOARD, CEMENT FIBER BOARD OR BATTS OF BLANKETS OF MINERAL OR GLASS FIBER INSULATION PER CBC SECTION 708.2.2.

REVISIONS

AGENCY TRACKING NO. 02231-2.67
 FILE NO: 15-6
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 03118235
 AG FLS SS
 DATE JUL 1 1 2012

PC Professional of Record Seal
 REGISTERED PROFESSIONAL ARCHITECT
 STATE OF CALIFORNIA
 LICENSE EXPIRES 6-30-2004

Architects Seal
 LICENSED ARCHITECT
 STATE OF CALIFORNIA
 C. 2956
 9/21/03

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC-04
 104801
 AC FLS SS
 DATE 9/21/03

PROJECT NUMBER:
 © MODTECH, INC. 2002
 DRAWN BY: STKP-70
 DATE: 05-22-03
 CHECKED BY:
 DATE:
 MODTECH Index No.

MODTECH™
 2830 BARRETT AVENUE PH (909) 943-4014
 PERRIS, CALIF. 92571 FAX (909) 940-0427

PROJECT NUMBER:
 © MODTECH, INC. 2002
 DRAWN BY: STKP-70
 DATE: 05-22-03
 CHECKED BY:
 DATE:
 MODTECH Index No.

REFLECTED CEILING DETAILS

A2.04

FILE PATH: 2440-A2.04.DWG PROJECT NO. PC-04-104801