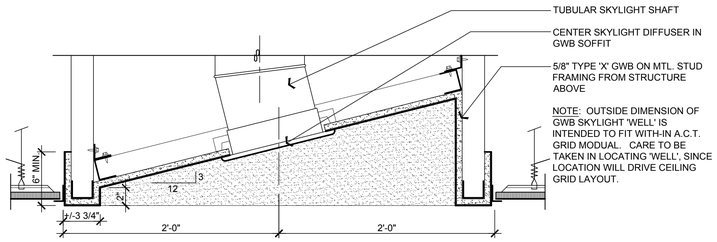
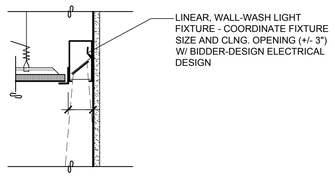
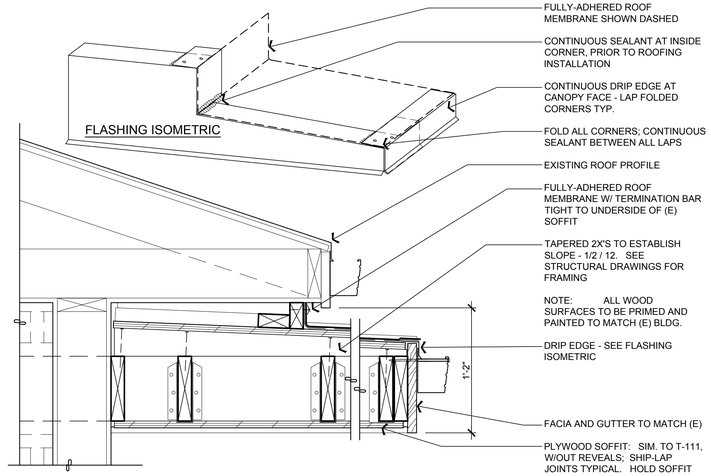


2 SOLATUBE SOFFIT DETAIL
1 1/2" = 1'-0"



4 WALL-WASH LIGHTING
1 1/2" = 1'-0"



5 CANOPY SECTION
1 1/2" = 1'-0"

CEILING TYPE:
LAY-IN ACOUSTIC PANELS OR DIRECT (SCREW) ATTACHED $\frac{1}{2}$" GYPSUM WALL BOARD.

LOAD CRITERIA:

VERTICAL:	4 PSF.
LATERAL:	**OSSC SEISMIC ZONE - SEE STRUCTURAL**
OSSC T1604.5 OCCUPANCY CATEGORY:	**SEE PROJECT MANUAL**
DUTY CLASSIFICATION:	**HEAVY-DUTY PER ASTM C-635.**
CROSS RUNNER DEFLECTION:	L/360 MAX.
GRID LIMITATIONS:	
MAXIMUM GRID SPACING:	4'X4'.
INTERSTITIAL SPACE HEIGHT:	15' MAXIMUM.
INTERIOR NON-BEARING PARTITIONS:	INDEPENDENTLY SUPPORTED AND BRACED - SEE DETAILS.

REFERENCE SOURCES PER HIERARCHY:
2010 OSSC
ASTM C 635, ASTM C636, ASTM E 580/E 580M
ASCE 7-05, SECTION 13.5.6
CISCA - GUIDELINES FOR SEISMIC RESTRAINT FOR DIRECT HUNG SUSPENDED CEILING ASSEMBLIES - SEISMIC ZONES 3 &4. MAY, 2004
NWCB FIELD TECHNICAL INFORMATION BULLETIN 401 - REVISED 10/09
CITY OF PORTLAND - CODE GUIDE IBC/25#2.

A. SYSTEM COMPONENTS:

MAIN RUNNERS	$1\frac{1}{2}$" COLD FORMED STEEL 'C' CHANNEL, OR PROPRIETARY 'T' SECTION MEETING HEAVY DUTY RATING, @ 48" O/C.
CROSS RUNNERS	$1\frac{1}{2}$" X $2\frac{1}{2}$" X 25 GA. CARBON SHEET STEEL HAT CHANNELS, OR PROPRIETARY 'T' SECTION MEETING DUTY RATING SPECIFIED ABOVE @ 2' O/C.
SUSPENSION WIRE	#12 SWG GALVANIZED WIRE.
TIE WIRE	#18 SWG GALVANIZED WIRE - DOUBLE STRAND.
ANCHORS	TENSION LOAD CAPACITY: 200# MIN. EA.
WOOD:	$1\frac{1}{4}$"X3" SCREW EYES.
STEEL DECK:	CMI DC1 OR DC 2$\frac{1}{2}$" METAL DECK SCREW EYES.
CONCRETE:	EMBEDS OR $\frac{3}{4}$" X $\frac{3}{4}$" METAL HIT ANCHORS.

B. LATERAL BRACING - CEILINGS OVER 1,000 SF:
PROVIDE 4 WIRES OF MINIMUM NO. 12 GAUGE IN 4 DIRECTIONS 90° APART, AND CONNECTED TO THE MAIN RUNNER WITHIN 2" OF THE CROSS RUNNER AND TO THE STRUCTURE ABOVE AT AN ANGLE NOT TO EXCEED 45° FROM THE PLANE OF THE CEILING. THESE LATERAL SUPPORT POINTS SHALL PLACED 12' O.C. WALL IN EACH DIRECTION WITH THE FIRST POINT WITHIN 4' FROM EACH
COMPRESSION STRUT: LOCATE AT AND CENTER ON ALL LATERAL SPLAY WIRE LOCATIONS NOTED ABOVE. ATTACHED RIGIDLY FROM MAIN RUNNER TO STRUCTURE ABOVE:

$\frac{3}{8}$"Ø EMT CONDUIT	5'-10" MAX LENGTH
$\frac{1}{2}$"Ø EMT CONDUIT	7'-8" MAX LENGTH
1"Ø EMT CONDUIT	9'-9" MAX LENGTH
(1) 1-$\frac{5}{8}$"X20GA METAL STUD	12'-0" MAX LENGTH
(2) BACK TO BACK 1-$\frac{5}{8}$"X20GA METAL STUD	15'-0" MAX LENGTH

C. PERIMETER CLOSURE - LAY-IN ACOUSTIC PANEL CEILINGS OVER 1,000 SF:
PERIMETER SUPPORT ANGLE SHALL BE ATTACHED TO WALL FRAMING WITH MINIMUM #6 SCREW @24" O/C MAX AND, ANGLE SHALL HAVE A MINIMUM 2" HORIZONTAL LEG. ONE END OF GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE AT EACH OF TWO ADJACENT WALLS W/ RIVETS. THE OPPOSITE END OF THE GRID IN EACH HORIZONTAL DIRECTION WILL REST FREE UPON THE SUPPORT ANGLE W/ 3 / 4" CLEARANCE BETWEEN GRID END AND WALL.

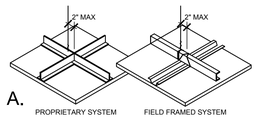
PROVIDE 1" CLEAR ON ALL SIDES OF PENETRATIONS.

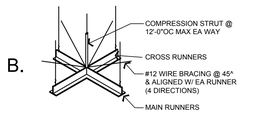
D. STABILIZER BARS - LAY-I N ACOUSTIC PANEL CEILINGS OVER 1,000 SF.
GRID MEMBERS PERPENDICULAR TO THE WALL AT THE UNATTACHED SIDES OF THE GRID SHALL BE TIED TOGETHER (STABILIZED) AT A POINT NOT MORE THAT 8" FROM AND PARALLEL TO THE WALL, TO PREVENT THEIR SPREADING

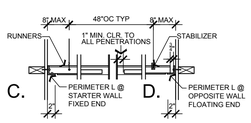
E. VERTICAL SUPPORT:
MAIN RUNNERS SHALL BE HUNG USING SPECIFIED WIRE AT MINIMUM 4' O/C AND; CROSS RUNNERS AND MAIN RUNNERS SHALL BE SUPPORTED WITH ADDITIONAL HANGER WIRES WITHIN 8" OF ANY DISCONTINUOUS END, INCLUDING PERIMETER SUPPORT ANGLES.

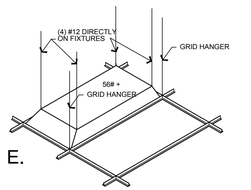
HANGERS SHALL NOT PRESS AGAINST PIPES OR DUCTS. HANGERS MORE THAN 1/6 OUT OF PLUMB SHALL HAVE COUNTERSLOPING WIRES ADDED. COUNTERSLOPING HANGERS SHALL BE INSTALLED WITH A MINIMUM 45 DEGREE ANGLE FROM HORIZONTAL. PROVIDE A TRAPEZE MADE OF MAIN RUNNER STOCK WHERE OBSTRUCTIONS TO STRUCTURE REQUIRE DIRECT ATTACHMENT.
HANGER WIRES SHALL ATTACHE TO RUNNERS AND SUPPORT ABOVE WITH A MINIMUM OF THREE FULL TURNS WITHIN A 3 INCH LENGTH.

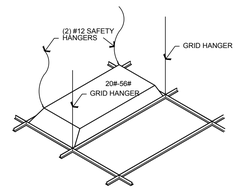
F. FIXTURE SUPPORT:
LIGHTING FIXTURES AND AIR DIFFUSERS SHALL BE SUPPORTED DIRECTLY BY 12 GAGE WIRES TO THE STRUCTURE ABOVE BY A MINIMUM OF 4 HANGERS ONE AT EACH CORNER.
EXCEPTION: FIXTURES NOT OVER 56 POUNDS IN WEIGHT BUT MORE THAN 20 POUNDS IN WEIGHT, MAY BE SUPPORTED AND ATTACHED DIRECTLY TO THE CEILING SYSTEM RUNNERS W/IN 3" OF GRID INTERSECTIONS BY A POSITIVE ATTACHMENT SUCH AS SCREWS OR BOLTS. AND, SHALL HAVE (2) #12 GAGE HANGERS DIRECTLY FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. THESE MAY BE SLACK.
FIXTURES WHICH WEIGH NOT MORE THAN 20 POUNDS AND WHICH RECEIVE NO TRIBUTARY LOADING FROM DUCT WORK MAY BE POSITIVELY ATTACHED TO AND SUPPORTED BY THE CEILING RUNNERS ALONE.



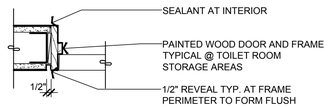








20 SUSPENDED CEILING GRID SYSTEM - GENERAL REQ.
NTS - NON FIRE RATED



16 STORAGE RM. DOORS
1 1/2" = 1'-0"

17 BILLING COUNTER SECTION
1 1/2" = 1'-0"

18 PLANNING COUNTER SECTION
1 1/2" = 1'-0"

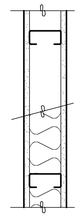
RATED ASSEMBLY NOTES

THE FOLLOWING SELECT NOTES ARE APPLICABLE TO THE ASSEMBLIES REPRESENTED. PER GA-600-2006 FIRE RESISTANCE DESIGN MANUAL GENERAL EXPLANATORY NOTES:

10. WHEN NOT SPECIFIED AS A COMPONENT OF A TESTED WALL OR PARTITION SYSTEM, MINERAL FIBER, GLASS FIBER, OR CELLULOSE FIBER INSULATION OF A THICKNESS NOT EXCEEDING THAT OF THE STUD DEPTH SHALL BE PERMITTED TO BE ADDED WITHIN THE STUD CAVITY

15. GREATER STUD SIZES (DEPTHS) SHALL BE PERMITTED TO BE USED IN METAL OR WOOD STUD SYSTEMS.

22. WHEN NOT SPECIFIED AS A COMPONENT OF A FIRE-RESISTIVE RATED WALL OR PARTITION SYSTEM, WOOD STRUCTURAL PANELS SHALL BE PERMITTED TO BE ADDED TO ONE OR BOTH SIDES. SUCH PANELS SHALL BE PERMITTED TO BE APPLIED EITHER AS A BASE LAYER DIRECTLY TO THE FRAMING (UNDER GWB) AS A FACE LAYER (OVER GWB) OR BETWEEN LAYERS OF GWB IN MULTI-LAYER SYSTEMS. WHEN SUCH PANELS ARE APPLIED UNDER THE GWB OR BETWEEN LAYERS OF GWB THE LENGTH OF THE FASTENERS SPECIFIED FOR ATTACHMENT OF THE GWB APPLIED OVER THE WOOD STRUCTURAL PANEL SHALL BE INCREASED BY NOT LESS THAN THE THICKNESS OF THE WOOD STRUCTURAL PANELS. FASTENER SPACING FOR THE GWB AND THE NUMBER OF LAYERS OF GWB SHALL BE AS SPECIFIED IN THE SYSTEM DESCRIPTION.



ONE HOUR RATED PARTITION (GENERIC)
GA FILE NO. WP 1340

ONE LAYER 5/8" TYPE 'X' GWB APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 1 5/8" MTL. STUDS AT 24" O.C. WITH 1" TYPE 'S' DRYWALL SCREWS AT 8" O.C. AT EDGES AND 12" O.C. AT INTERMEDIATE STUDS.

JOINTS STAGGERED 24" ON OPPOSITE SIDES. (NLB)

OR

ONE HOUR RATED PARTITION (GENERIC)
GA FILE NO. WP 1350

ONE LAYER 5/8" TYPE 'X' GWB APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 3 5/8" MTL. STUDS AT 24" O.C. WITH 1" TYPE 'S' DRYWALL SCREWS AT 8" O.C. AT VERTICAL JOINTS AND 12" O.C. AT FLOOR AND CEILING RUNNERS AND INTERMEDIATE STUDS.

JOINTS STAGGERED 24" ON OPPOSITE SIDES. (NLB)

1 HR RATED PARTITION - NONCOMBUST.

23 1-HR RATED WALL ASSEMBLY
1 1/2" = 1'-0"

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REGISTERED ARCHITECT
3837
SIDNEY J. SCOTT
PORTLAND, OREGON
STATE OF OREGON
Digitally signed by Sid Scott
Date: 2018.07.30 11:58:58-07'00'

SWEET HOME CITY HALL

3225 MAIN STREET
SWEET HOME, OREGON 97386

Drawing:
DETAILS

Job No: 16158
Date: JULY 27, 2018
Drawn By:
Checked By:
Sheet No:

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