1. EXITWAYS: SURROUND EA. PANEL w/ A MAIN OR CROSS RUNNER.

2. COMPONENTS: SYSTEM SHALL SUPPORT NO OTHER COMPONENTS EXCEPT GRILLES OR LIGHT FIXTURES. TOTAL SYSTEM WGT NOT TO EXCEED 4 PSF.

3. HANGER WIRES: MIN. 12 GA, MAX. 16 SF. (4' MAX BETWEEN WIRES). NO SPLICES PERMITTED.

4. PERIMETERS: HANGER WIRE W/IN 8" OR SUPPORT OR W/IN ONE QUARTER OF LENGTH OF END TEE, WHICHEVER IS LESS.

5. PROVIDE SUPPLEMENTARY SUPPORT @ OBSTRUCTIONS & AT CLG BREAKS OR SOFFITS. HANGER WIRES MORE THAN 1:6 OUT OF PLUMB SHALL HAVE COUNTERSLOPE WIRES.

6. ATTACH SYSTEM TO NOT MORE THAN 2 ADJACENT WALLS, LEAVE ¼" FREE OF OTHER WALLS. WHERE WALLS ARE DIAGONAL, ONE END OF MAIN & CROSS RUNNERS SHALL BE FREE AND ¼" CLR OF WALL.

7. PROVIDE STRUTS, OR SPREADER BARS TO CONNECT FREE END OF CROSS RUNNERS MORE THAN 8" FROM WALL TO PREVENT LATERAL SPREADING.

8. SPLAYED BRACING ASSEMBLIES: SETS OF 4 WIRES ORIENTED 90 DEGREES FROM EA OTHER, 12 GA MIN, MAX SPACING OF 8'x12' (96 SF) FOR HOSPITALS, AND AT LOCATIONS NOT MORE THAN ¼ OF THESE AREAS ALONG EACH PERIMETER WALL & VERTICAL CLG OFFSETS. PROVIDE VERTICAL COMPRESSION STRUT @ EA SET OF BRACING WIRES.

9. SLOPE OF BRACING WIRES: 45 DEGREES FROM PLANE OF CLG. MAINTAIN WIRES TIGHT, NO SPLICES.

10. (3) TIGHT TURNS REQ'D @ HANGER WIRE, (4) TIGHT TURNS @ BRACING WIRE, ALL W/IN A DISTANCE OF ½". ALIGN WIRES IN DIRECTION OF PULL.

11. SEPARATE WIRES 6" FROM UNBRACED DUCTS, PIPES OR CONDUIT. CONDUIT ¾" DIA. OR LESS MAY BE ATTACHED TO WIRES W/ APPROVED CONNECTORS.

12. LIGHT FIXTURES: ATTACH TO CLG SYSTEM TO RESIST HORIZ. FORCE EQ. TO THE WEIGHT OF THE FIXTURE.

13. LIGHT FIXTURES & AIR TERMINALS WEIGHING UNDER 56LBS MAY BE SUPPORTED BY HEAVY DUTY GRID RUNNERS, BUT SHALL ALSO HAVE (2) 12 GA SLACK SAFETY WIRES AT DIAG. CORNERS TO STRUCTURE ABOVE. SUPPORT LIGHT FIXTURES & AIR TERMINALS WEIGHING OVER 56LBS INDEPENDENTLY W/ (4) TAUT 12 GA. WIRES. WIRES & ATTACHMENTS SHALL BE CAPABLE OF SUPPORTING 4x WEIGHT OF UNIT.

14. SURFACE MOUNTED FIXTURES: SUPPORT W/ MIN. (2) POSITIVE DEVICES WHICH SURROUND RUNNER, SUPPORT RUNNER W/ 12 GA HANGER WIRE. SPRING CLIPS OR CLAMPS NOT SUPPORTED BY HANGER WIRE NOT PERMITTED.

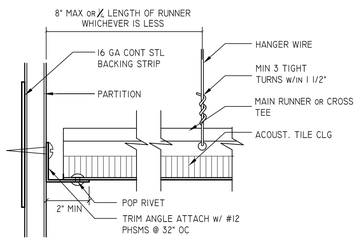
15. PENDANT MOUNTED FIXTURES: SUPPORT DIRECT FROM STRUCTURE W/ HANGER WIRE OR CABLE PASSING THRU EACH PENDANT HANGER, CAPABLE OF SUPPORTING 4x WEIGHT OF FIXTURE.

16. DO NOT ECCENTRICALLY LOAD SYSTEM.

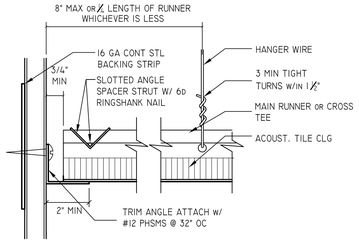
17. SUSPENSION GRID SYSTEM: HEAVY DUTY. SEE SPECS FOR APPROVED PRODUCTS.

NOTE: REVISED CODE 4/07 - SPECIFY HD. 2" WALL ANGLE OR BERC2 CLIPS. TYPE 4 BUILDINGS SPEC. INSP. REQ.

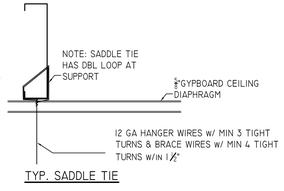
SUSPENDED CEILING NOTES



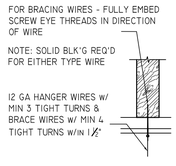
T-BAR CLG. PERIMETER (FIXED)



T-BAR CLG. PERIMETER (FREE)



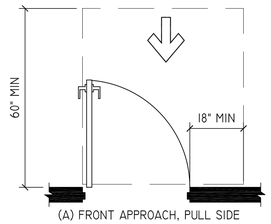
TYP. SADDLE TIE



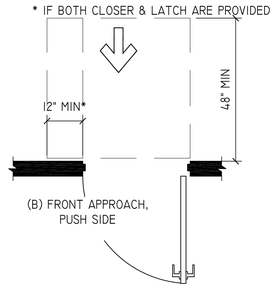
WIRE CONNECTIONS TO LIGHT-FRAME STL. JOISTS

(D) TO BOTTOM OF WOOD JOIST

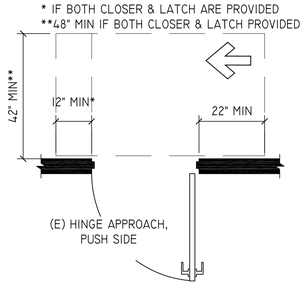
20 SUSPENDED T-BAR CEILING NOTES & DETAILS (STL FRAME)
SCALE: NTS



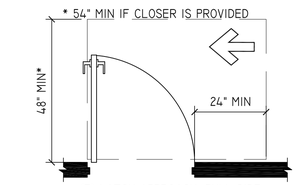
(A) FRONT APPROACH, PULL SIDE



(B) FRONT APPROACH, PUSH SIDE

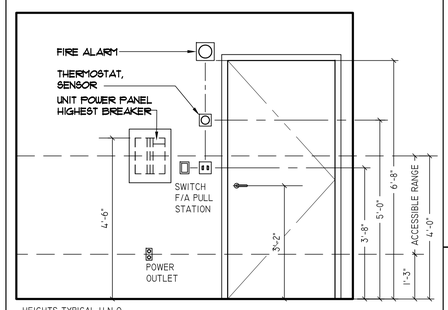


(E) HINGE APPROACH, PUSH SIDE



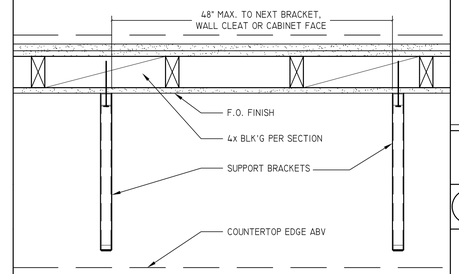
(F) LATCH APPROACH, PULL SIDE

15 DOOR CLEARANCES
SCALE: 1/2"=1'-0"

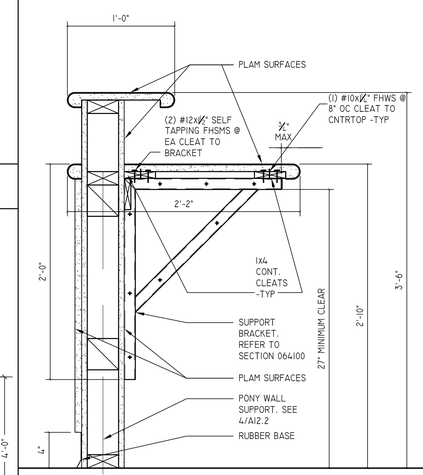


HEIGHTS TYPICAL-U.N.O.

10 DEVICE MOUNT'G HEIGHTS -STD
SCALE: 1/2"=1'-0"

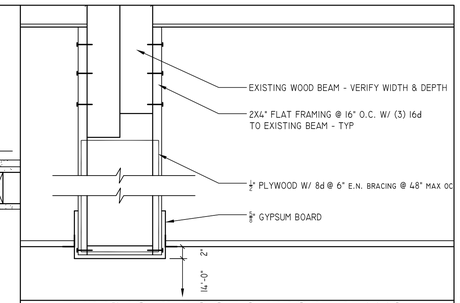


BRACKET PLAN

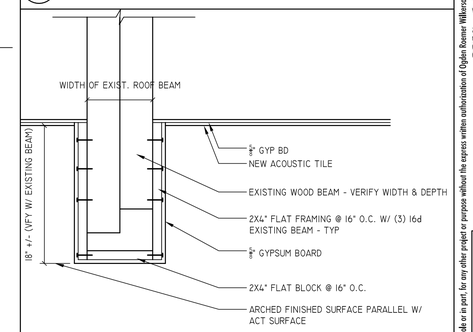


BRACKET AT COUNTERTOP

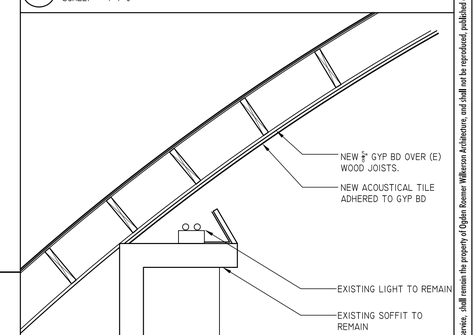
6 COUNTERTOP SUPPORT DETAILS
SCALE: 1-1/2"=1'-0"



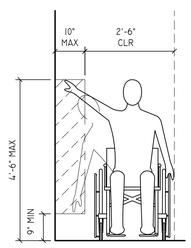
4 FURRING @ ROOF SUPPORT BEAMS
SCALE: 1"=1'-0"



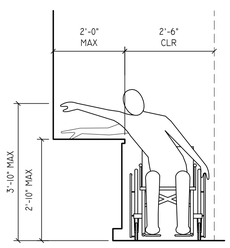
3 FURRING @ ROOF SUPPORT BEAMS
SCALE: 1"=1'-0"



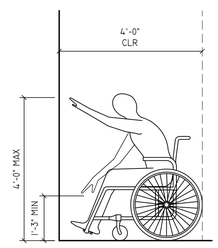
2 CEILING TILE EXTENTS
SCALE: NTS



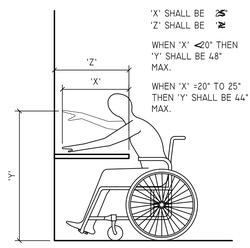
15 SIDE REACH LIMITS



16 SIDE REACH OVER OBSTRUCTION



17 FORWARD REACH LIMITS



18 FORWARD REACH OVER OBSTRUCTION

12 ACCESSIBLE REACH RANGES
SCALE: 1/2"=1'-0"

J:\1420-02_SOU BRITT HALL\DWG\1420-02_DT1.DWG

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SOUTHERN OREGON UNIVERSITY
BRITT HALL THIRD FLOOR CLASSROOM RENOVATION
ASHLAND, OREGON

DETAILS

PROJECT	1420-02
DATE	06/03/14

No.	Description	Date

A12.1