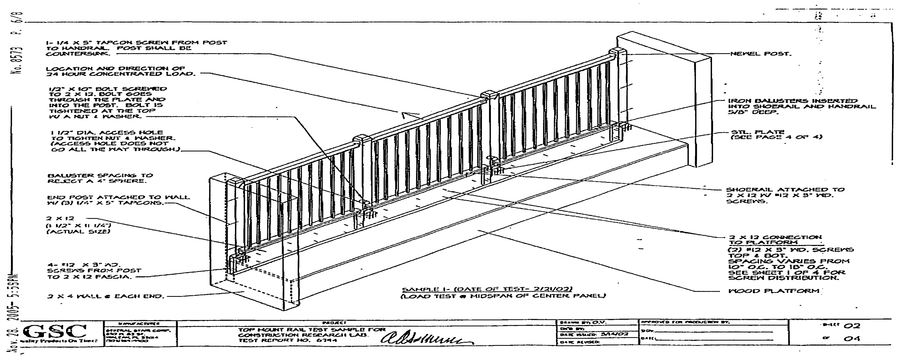
1- 1/4 X 5" TAPCON SCREW FROM POST TO HANDRAIL. POST SHALL BE COUNTERSUNK.
LOCATION AND DIRECTION OF 24 HOUR CONCENTRATED LOAD.
1/2" X 10" BOLT SCREWED TO A 1 1/2" DIA. ACCESS HOLE THROUGH THE PLATE AND INTO THE POST. BOLT IS TIGHTENED AT THE TOP W/ A NUT & WASHER.
1 1/2" DIA. ACCESS HOLE TO TIGHTEN BOLT TO WASHER. (BOLT DOES NOT GO ALL THE WAY THROUGH.)
BALUSTER SPACING TO REJECT A 4" SPHERE.
6X6 POST ATTACHED TO WALL W/ (3) 1/4" X 5" TAPCONS.
2 X 12 (1 1/2" X 11 1/4") (ACTUAL SIZE)
4- #12 X 3" AS SCREWS FROM POST TO 2 X 12 FASCIA.
2 X 4 WALL @ EACH END.
NEWEL POST.
IRON BALUSTERS INSERTED INTO SIDERAIL AND HANDRAIL 3/8" DEEP.
STL. PLATE (SEE PAGE 4 OF 4)
SIDERAIL ATTACHED TO 2 X 12 W/ #12 X 3" PHD. SCREWS.
2 X 12 CONNECTION TO PLATFORM (2) #12 X 3" PHD. SCREWS TOP & BOT. SPACING VARIES FROM 10" O.C. TO 16" O.C. FOR SCREW DISTRIBUTION.
WOOD PLATFORM
SAMPLE 1: (DATE OF TEST- 2/21/02)
(LOAD TEST @ MIDSPAN OF CENTER PANEL)
GSC
TOP HOURT RAIL TEST SAMPLE FOR CONSTRUCTION RESEARCH LAB. TEST REPORT NO. 6794
SHEET 02
04

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