

LINE OF WALL

1-1/2" X 1/2" X 3"  
FLAT BAR SUPPORT  
(05520)

1-3/4" X 1/2" STEEL, WELD  
TO VERTICAL POSTS (05520)

1 1/2" DIA. OAK HANDRAIL  
(06200) MOUNTED ON 1" X 1"  
STEEL TUBE, TYP. (05520)

1/2" DIA. STEEL ROD  
(05520)

D5  
A7.5 SIM

1 1/2" DIA. OAK HANDRAIL  
(06200) MOUNTED ON 1" X 1"  
STEEL TUBE, TYP. (05520)

PAINT ALL STEEL (09900)

1-1/4" X 1/2" X 1/8" STEEL  
CHANNEL- WELD RODS TO  
UNDERSIDE OF CHANNEL  
(05520)

3" X 3" X 1/4" STEEL  
MOUNTING PLATE WITH EASED  
EDGES WITH (2) COUNTERSUNK  
ANCHORS ON EITHER SIDE OF  
ROD (05520)

PAINT ALL STEEL  
(09900)

1-3/4" X 1/2" FLAT  
BAR POST BEYOND  
(05520)

1-1/4" X 1/2" X 1/8" STEEL  
CHANNEL- WELD RODS TO  
UNDERSIDE OF CHANNEL,  
PUNCH CHANNEL TO RECEIVE  
RODS (05520)

5 1/2" X 3" X 3/8" PL  
(05520)

2" X 2" X 3/8" TS  
(05520)

FLOORING CORNER GUARD (09650)

1-3/4" X 1/2" VERTICAL  
POSTS (05520)

5 1/2" X 9" X 3/8" PL  
WELD TO BEAM (05520)

PROVIDE 1'-3" X 12" SLAB  
BLOCKOUT FOR GUARDRAIL  
ANCHORAGE TO STEEL BEAM -  
GROUT SOLID AFTER GUARDRAIL  
INSTALLATION

STEEL BEAM (05120)

3 X 3 X 3/16 ANGLE (05120)  
- CONT. AT OPENING

2 1/2" MTL STUDS AT 16"  
O.C., 20 GAGE (09260) -  
ANCHOR TO ANGLE & METAL  
DECK W/ (1) POWDER DRIVEN  
ANCHOR PER STUD

5/8" GYPSUM BD (09260)

## GUARD RAIL SECTION

D5  
A7.5

1-1/2" = 1'-0"

CONT POUR STOP (05310) - PAINT TO MATCH WALL  
METAL DECK  
GYP BD REVEAL

2 X 2 X 1/4 ALUM CONT. ANGLE  
ANCHORED TO EXISTING BRICK W/  
1/4"x3" EXPANSION ANCHORS @ 16" OC  
- ANGLE TO ALIGN WITH BTM OF BEAM

LINE OF EXISTING BUILDING

ANCHOR ANGLE W/  
3/8"x2" LAG  
SCREWS @ 16" OC  
CONT BLOCKING  
(06114)

ALUMINUM GRATE:  
1" TH. GRATE W/ 4"x4" RECTANGULAR  
PATTERN IN 3' L. UNIFORM CUT PLANKS.  
BASIS OF DESIGN:  
OHIO GRATINGS, INC. 57-SG-4  
1-800-321-9800

## HAND RAIL SECTION AT WALLS

D5  
A7.5

3" = 1'-0"

NOTE: SEE  
ELEVATIONS FOR  
MOUNTING  
HEIGHT

1/2" DIA. OAK  
HANDRAIL (06200)  
MOUNTED ON 1" X  
1" STEEL TUBE,  
TYP. (05520)

1/2" DIA. STEEL ROD  
(05520)

3" X 3" X 1/4" STEEL  
MOUNTING PLATE WITH  
EASED EDGES WITH (2)  
COUNTERSUNK ANCHORS  
ON EITHER SIDE OF ROD  
(05520)

#1/2" VERTICAL ROD SPACED  
EVENLY 3-1/2" O.C. (05520)

FACE OF GYPSUM BD  
AT NEW PARTITION  
WALL (09260) OR FACE  
OF CMU AT STAIR  
LOCATION (04810)

NOTE: ALL EXPOSED  
STEEL TO BE PAINTED  
(09900)

AT HANDRAIL ENDS,  
PROVIDE SHARP 90  
DEG. RETURN TO WALL  
WITH CLEARANCE

2X6 SOLID BLOCKING  
(06114) AS REQ'D FOR  
RAIL MOUNTING IN GYPSUM  
BD WALL ASSEMBLY

D4  
A7.5

## GUARD RAIL SECTION

1-1/2" = 1'-0"