SECTION A-A

FLOOR DRAIN TYPE 'WF'

EXTERIOR GIRDER

BOTTOM FLANGE OF GIRDER WEB

CAST IN GIRDER

1" DIA. SLEEVE WITH PLATE WASHER

HEAD BOLT - (4) PER GRATE

TYP. 3" RAD.

2" RAD.

GRATE CASTING DETAILS

ATTACH GRATES TO FRAME FOR SHIPMENT

SECTION B-B

NOTE:

ALL MATERIAL FOR TYPE 'WF' CASTING AND 8" DIA.
CONNECTION PIPE, EXCLUDING GRATE HOLD-DOWN
SCREWS, SHALL BE GRAY IRON CONFORMING TO
ASTM A36, CLASS 30.

MATERIALS FOR BRACKETS SHALL CONFORM TO
ASTM A48, CLASS 30.

ALTERNATE BRACKETS ARE NOT ALLOWED.

ALL MATERIAL FOR FLOOR DRAIN TO BE INCLUDED
IN THE BID ITEM "FLOOR DRAIN TYPE WF".

ALL MATERIAL FOR COMPONMENTS CONSTRUCTING
CONNECTIONS AND BRACKETS TO BE INCLUDED
IN THE BID ITEM "BRAKEET".

IF DRAIN CONSTRUCTS SHALL BE REINFORCED
WITH THERMOSETTING RESIN PIPE (RTRP),

IMPOSED & CONSTRUCTION MAXIMUM binding of 7"
TIGHTENING SLEEVE THRU CAST IN GIRDER
REPLACE BARS WHERE POSSIBLE.

DESIGNER NOTE

ON THE PREVIOUS SHEET SHALL SHOW
LOCATION OF MISC FOR DRAIN PLACEMENT
FROM TOP/BOTTOM AND END OF GIRDER.

1" DIA. HOLES DRILLED & TAPPED FOR
SCREW, STAINLESS STEEL HEX

HOLE & 1/2" DIA. BOLT THRU
FOR 1/2" DIA. BOLT

TOP OF DRAIN

DESCRIPTIONS LAMPS
INCREASED COUPLING

BAR (TYP.)

2" X 2" SLOTTED HOLE

2" DIA. HOLE & 1/2" DIA. BOLT

FLOOR DRAIN TYPE 'WF'

(INCLUDES COUPLING)

DOWNSPOUT LIMITS

IN THE BID ITEM "DOWNSPOUT 8-INCH".

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IT VIOLATES CLEARANCE REQUIREMENTS. CONTACT
DETAIL NOT TO BE USED OVER RAILROADS BECAUSE
OF HASSLES. CLEARANCE REQUIREMENTS CONTACT
HASSLES AND MATERIALS SECTION FOR GUIDANCE.

PLACEMENT TO DECK CONCRETE

- INSTALL PRIOR HUBLESS COUPLING

8" DIA. FLEXIBLE

CONNECT FLOOR DRAINS WITH
ATTACH GRATES TO FRAME FOR SHIPMENT

(1'-0" MAXIMUM)

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