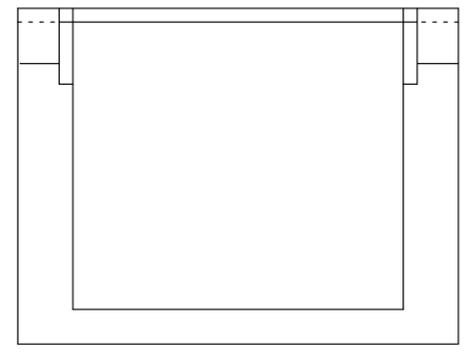
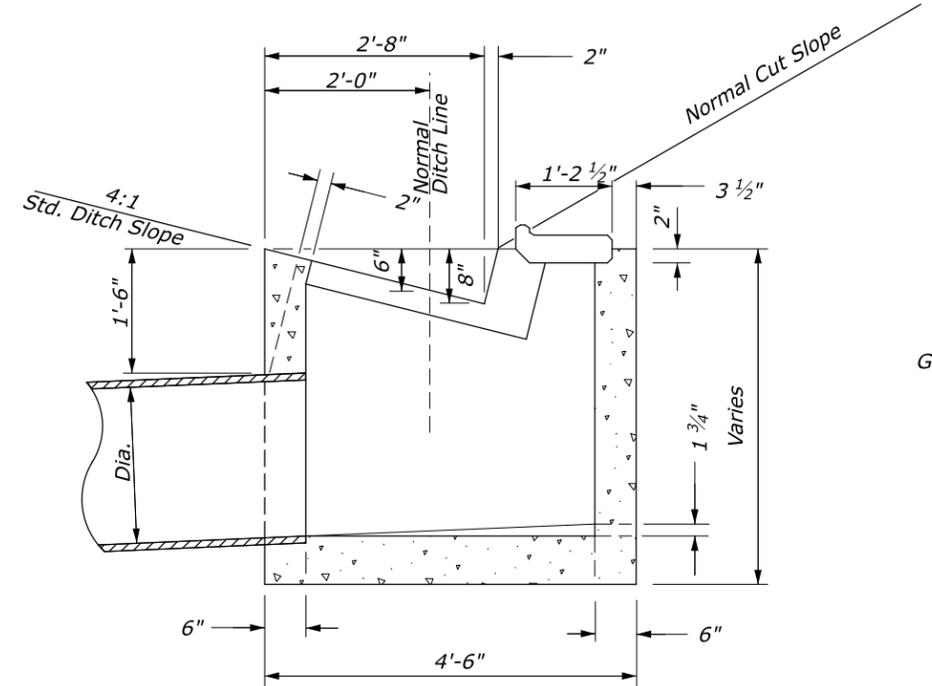
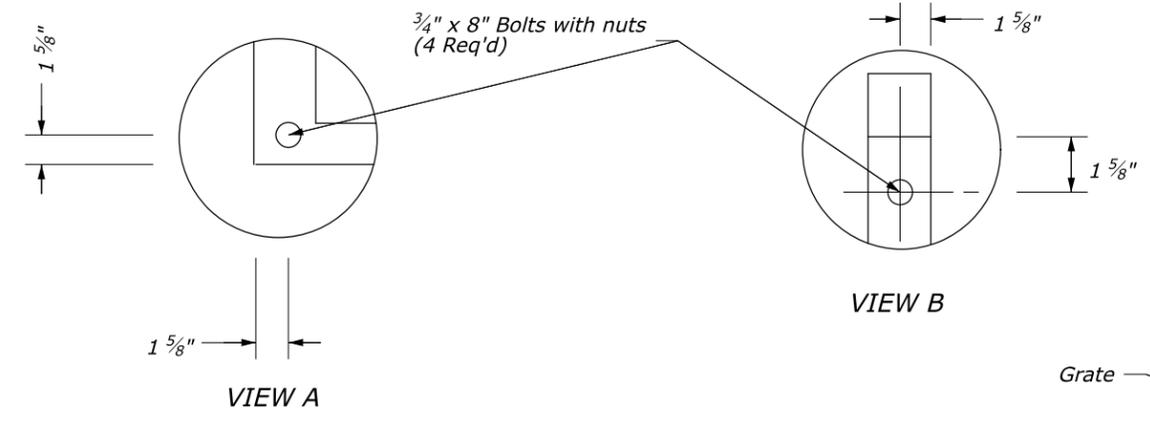


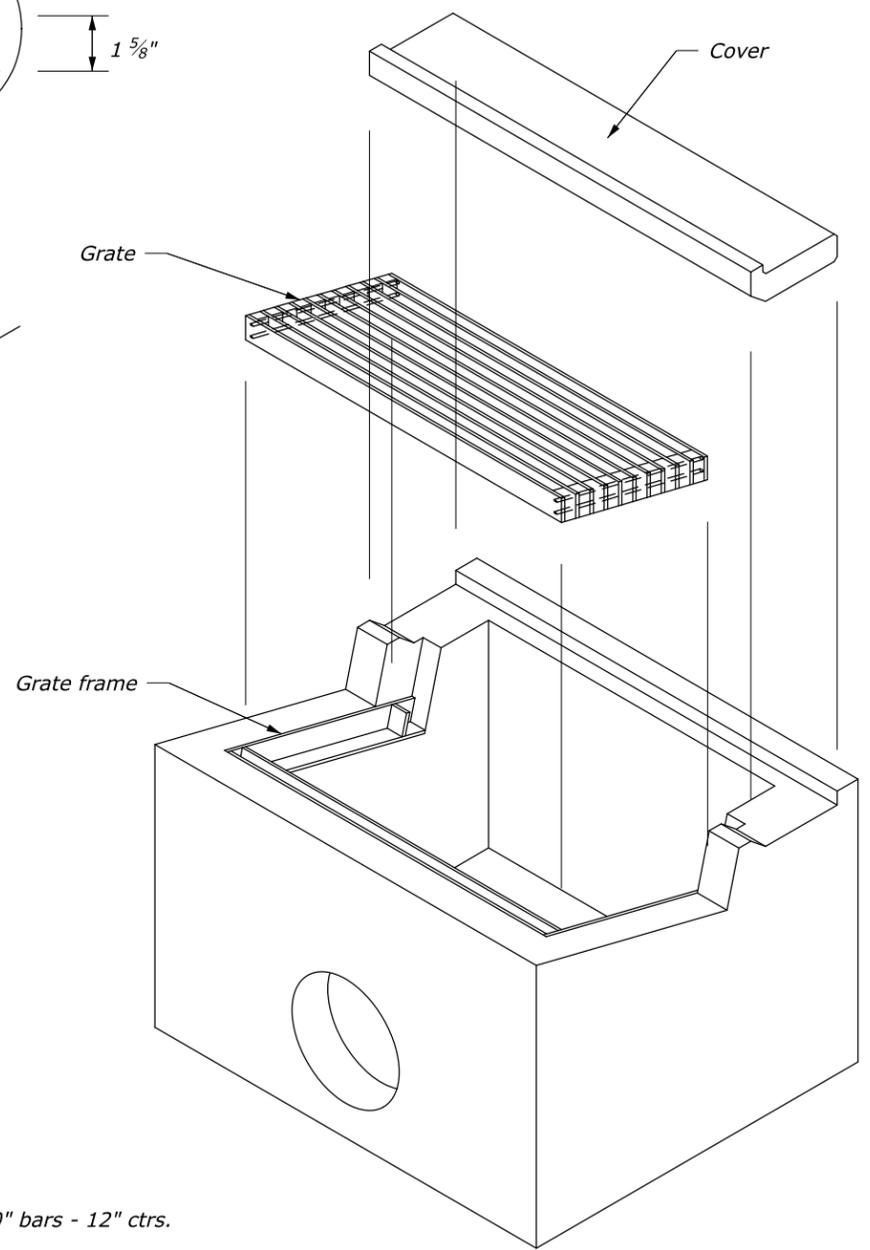
PLAN VIEW



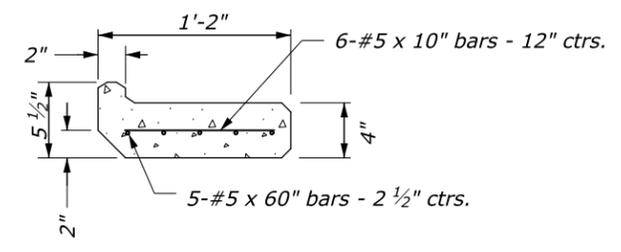
SECTION A-A



SECTION B-B



ISOMETRIC VIEW



PRECAST COVER

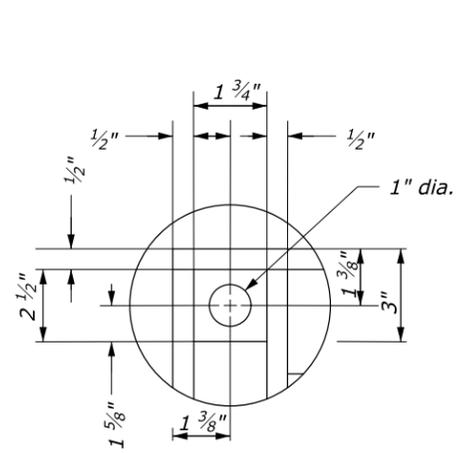
Length = 5'-4"

NOTES:

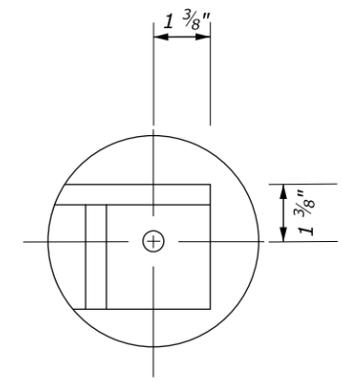
1. Furnish #5 reinforcing bars, placed 1 1/2 inches minimum from face of concrete.
2. In floors, place bars on 6-inch centers each way. In walls, place horizontal bars on 6-inch centers and vertical bars on 12-inch centers.
3. Ensure all square corners on precast cover have 1 1/2-inch by 45° chamfer.
4. Bolt grate frame to inlet; alternate fastening methods will be allowed with the approval of the CO.
5. See Sheet 2 of 2 (Detail E604-02) for metal frame and grate.
6. Inlet shown in cut location. In fill locations, use similar inlet except pipe outlet is on opposite side.

NO SCALE

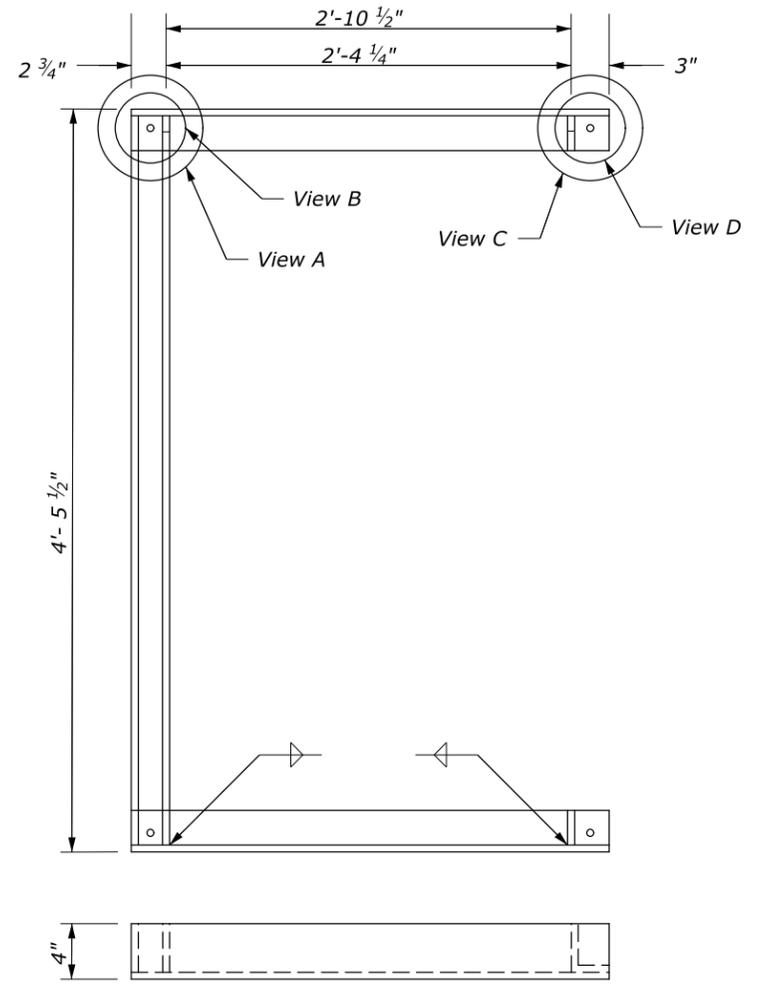
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION OFFICE OF FEDERAL LANDS HIGHWAY	
EFLHD DETAIL	
INLET, TYPE 4D Sheet 1 of 2	
DETAIL APPROVED FOR USE APPROVED: MAY 2011 REVISED: SEPTEMBER 2020	DETAIL E604-02



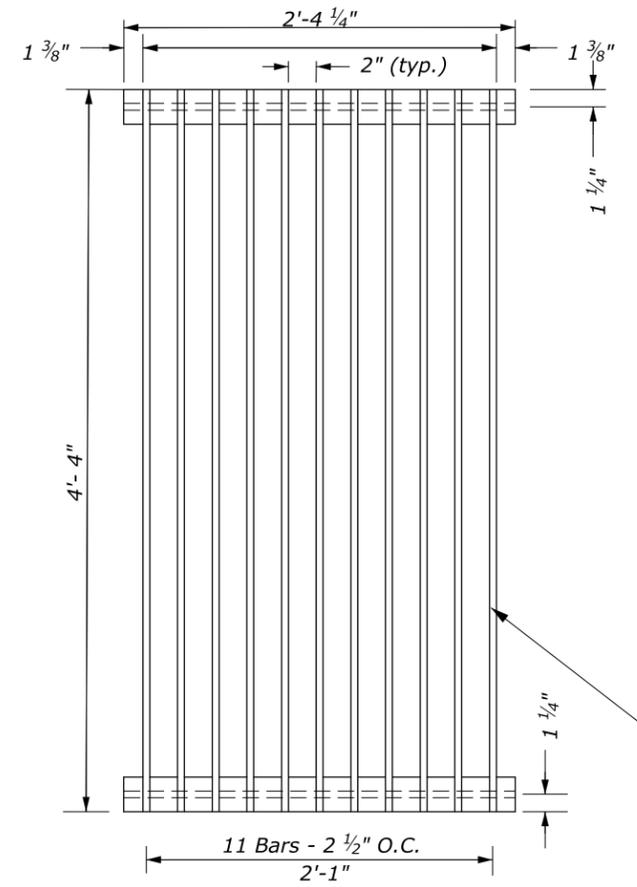
VIEW B



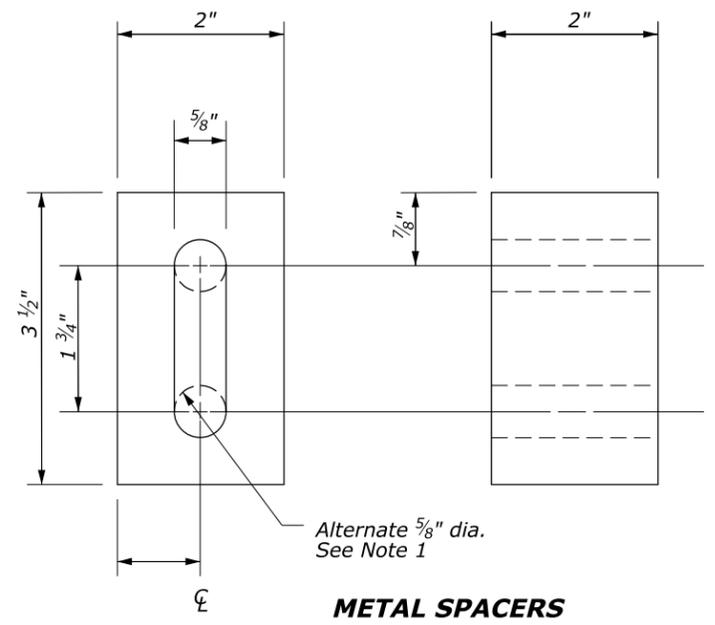
VIEW D



GRATE FRAME



GRATE

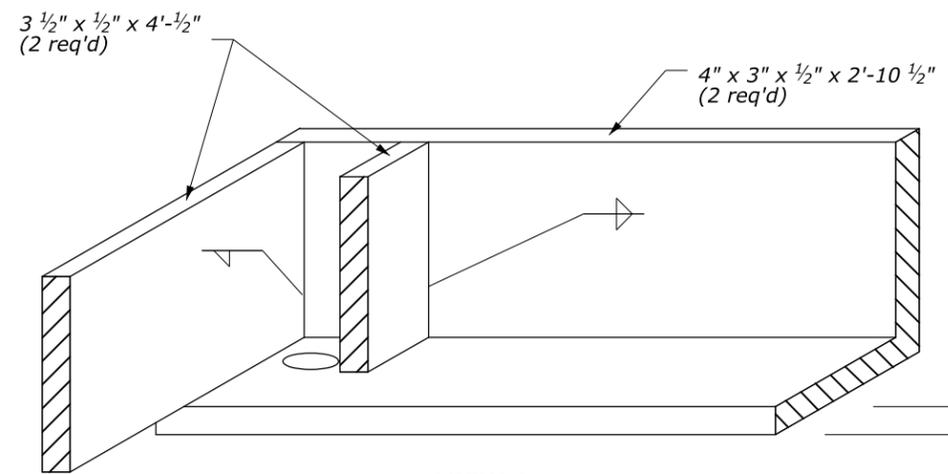
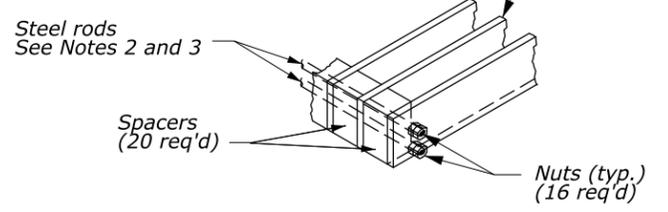


METAL SPACERS

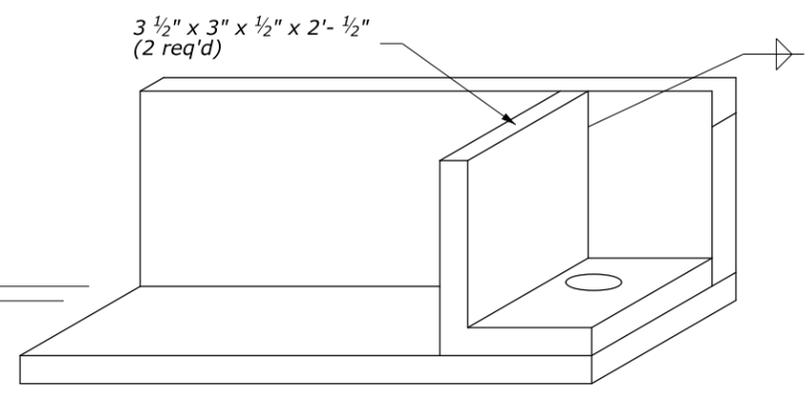
3 1/2" x 1/2" x 4'-4" Bar
(11 Req'd)

NOTES:

1. Alternatively furnish spacers with 5/8-inch diameter holes or two pieces of 1/2-inch galvanized iron pipe instead of slot shown.
2. Use four 1/2-inch diameter by 28 3/4-inch length steel rods with two nuts on each end. Thread rods 2 inches ± on each end.
3. Instead of rods and nuts, use bars welded together using spacers with two extra 1 3/4-inch outside spacers added to each end.
4. Provide metal parts for the frame and grate that are hot dipped galvanized after fabrication. Furnish steel frame and grate.



VIEW A (OBLIQUE)



VIEW C (OBLIQUE)

LEGEND

- Weld both sides
- Fillet lap weld

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION OFFICE OF FEDERAL LANDS HIGHWAY	
EFLHD DETAIL	
INLET, TYPE 4D Sheet 2 of 2	
DETAIL APPROVED FOR USE APPROVED: MAY 2011 REVISED: SEPTEMBER 2020	DETAIL E604-02