

NOTES:

1. THE CAST IRON USED SHALL CONFORM WITH ASTM A-48 CLASS 35B.
2. THE FRAME AND COVER SHALL BE COATED WITH ASPHALTUM OR BITUMINOUS PAINT AFTER TESTING AND INSPECTION.
3. COVERS AND FRAMES SHALL BE MANUFACTURED IN THE UNITED STATES.
4. FOUNDRY IDENTIFYING MARK, HEAT AND DATE SHALL BE CAST ON THE BOTTOM OF THE COVER AND ON THE INSIDE OF THE FRAME.
5. WEIGHT OF FRAME SHALL BE 320 POUNDS. WEIGHT OF COVER SHALL BE 305 POUNDS. ACTUAL WEIGHTS SHALL BE WITHING A RANGE OF 95% TO 110%.
6. THE MANHOLE FRAME AND COVER SHALL BE INSPECTED BY THE ENGINEER PRIOR TO SHIPMENT TO THE JOB SITE. ACCEPTANCE WILL BE INDICATED BY THE AGENCY'S MARK.
7. THE PROOF-LOAD FOR TEST METHOD B OF THE STANDARD SPECIFICATIONS IS 51,100 POUNDS.
8. LOAD REQUIREMENTS
 - CONTAINER LOADING EQUIPMENT - 100 KIP PLUS 25 KIP IMPACT LOADS NEENAH FOUNDRY R-3493-A OR EQUAL OTHER
 - H-20 ALHAMBRA FOUNDRY A-1497 OR EQUAL

DRAFT

30" DIAMETER CLEAR OPENING

THE PORT OF LONG BEACH ENGINEERING DIVISION

REVISIONS		CATCH BASIN MANHOLE FRAME AND COVER	STANDARD PLAN
NO.	DATE		D-14
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APPROVED BY: _____		R.E. NO.: _____	DATE: _____
CHIEF HARBOR ENGINEER			4 OF 4