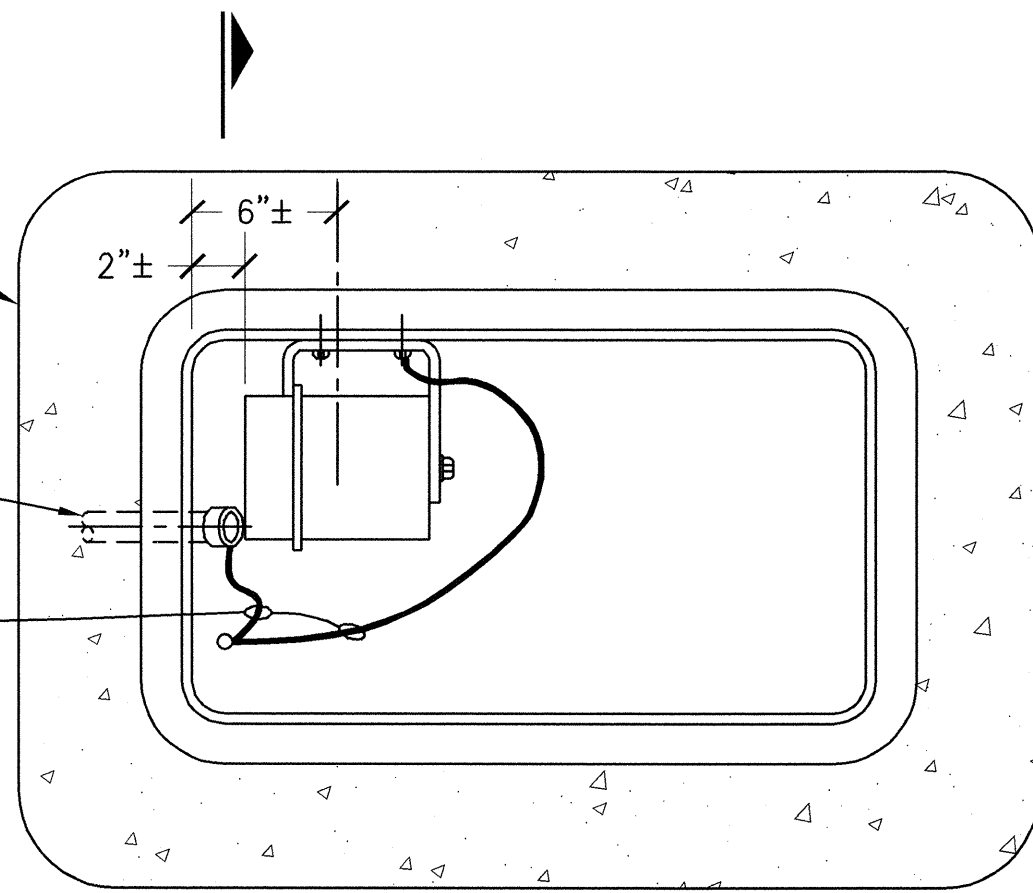


CONCRETE RETAINING WALL. SEE NOTE 1.

TYPE AND SIZE OF CONDUIT AS SHOWN ON PLAN

#6 BARE STRANDED COPPER WIRE.

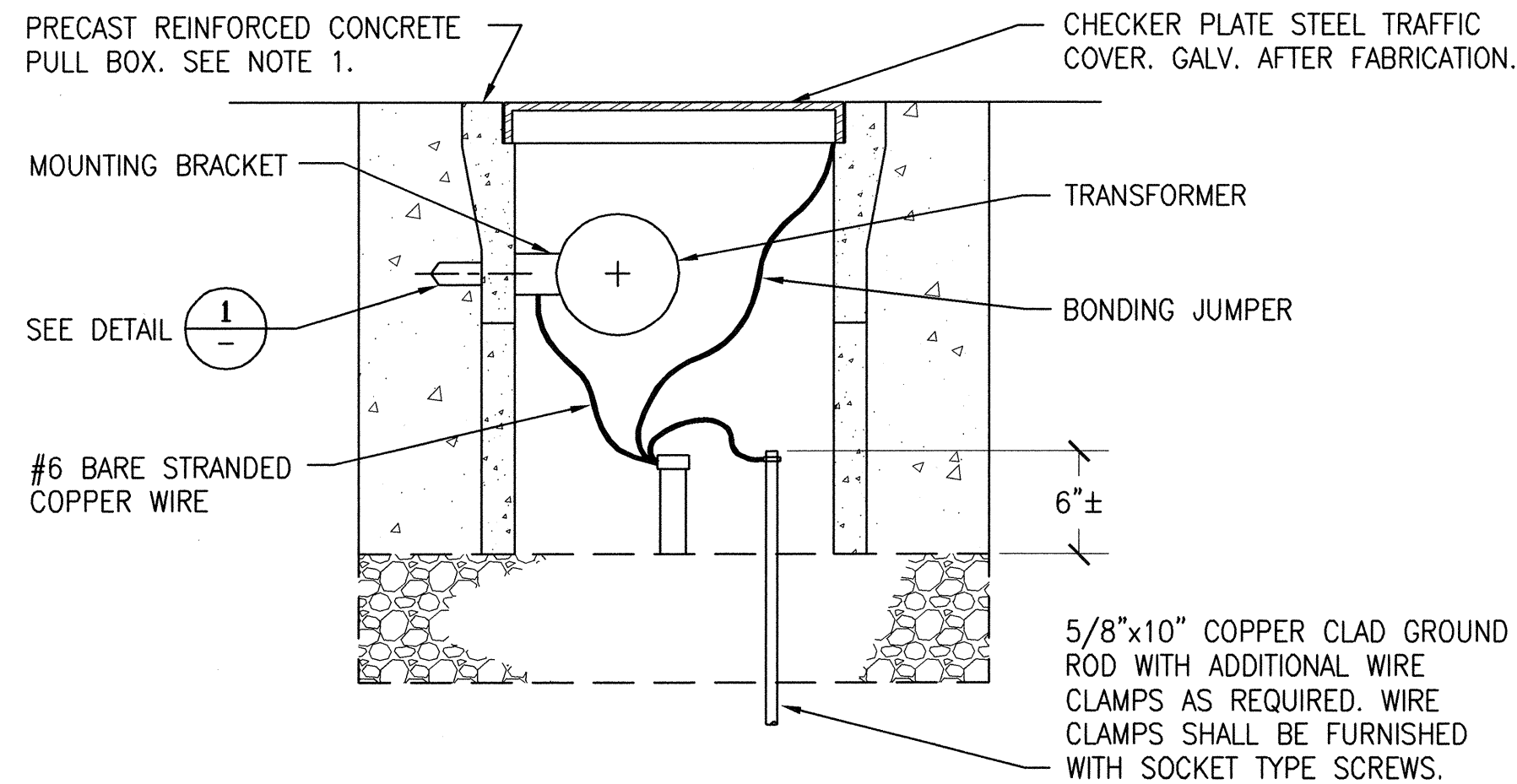


PRECAST REINFORCED CONCRETE PULL BOX. SEE NOTE 1.

MOUNTING BRACKET

SEE DETAIL 1

#6 BARE STRANDED COPPER WIRE



CHECKER PLATE STEEL TRAFFIC COVER. GALV. AFTER FABRICATION.

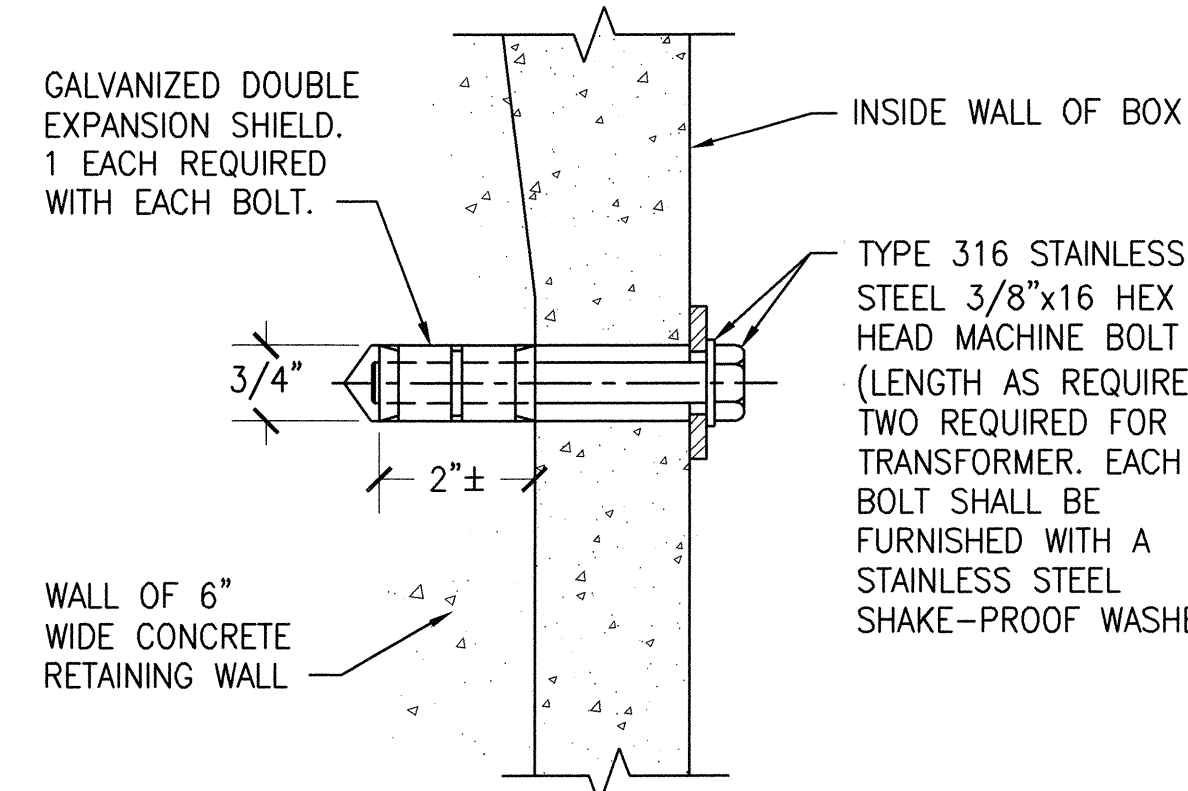
TRANSFORMER

BONDING JUMPER

5/8"x10" COPPER CLAD GROUND ROD WITH ADDITIONAL WIRE CLAMPS AS REQUIRED. WIRE CLAMPS SHALL BE FURNISHED WITH SOCKET TYPE SCREWS.

GALVANIZED DOUBLE EXPANSION SHIELD. 1 EACH REQUIRED WITH EACH BOLT.

WALL OF 6" WIDE CONCRETE RETAINING WALL

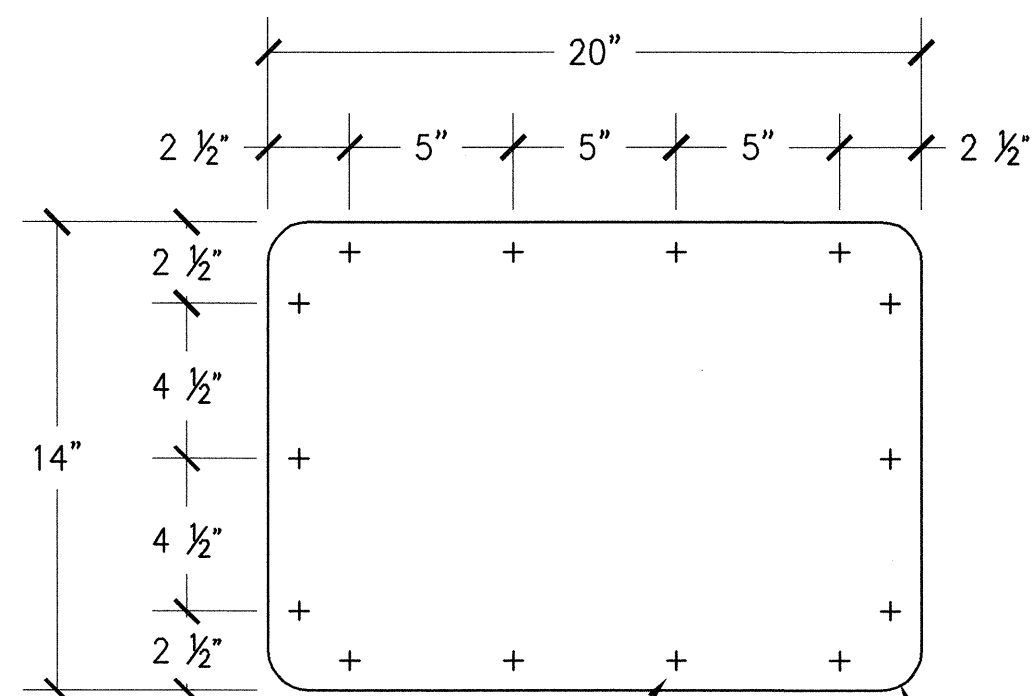


INSIDE WALL OF BOX
TYPE 316 STAINLESS STEEL 3/8"x16 HEX HEAD MACHINE BOLT (LENGTH AS REQUIRED) TWO REQUIRED FOR TRANSFORMER. EACH BOLT SHALL BE FURNISHED WITH A STAINLESS STEEL SHAKE-PROOF WASHER.

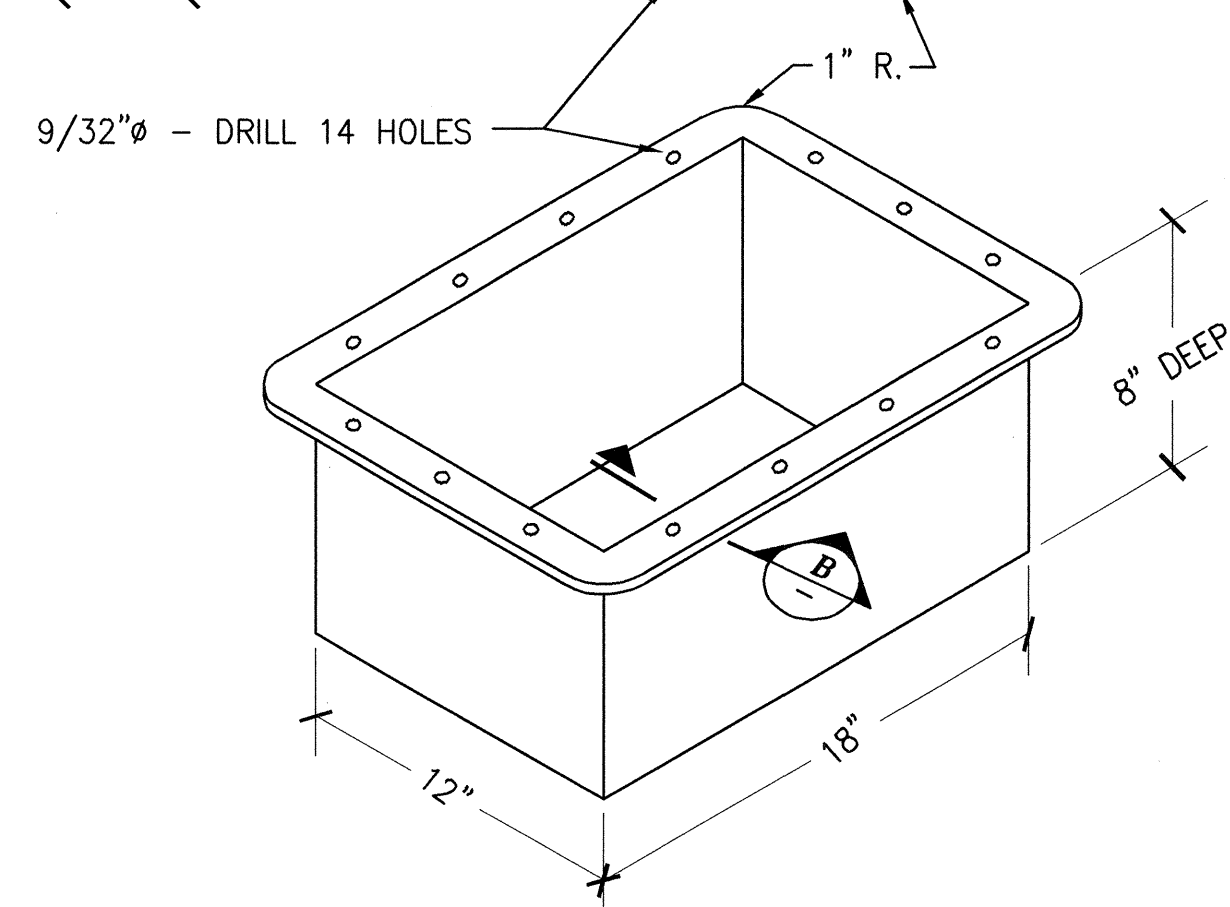
PRECAST PULL BOX NOTES:

- PULL BOXES WHICH ENCLOSE WATERPROOF SUBMERSIBLE TRANSFORMERS SHALL BE FURNISHED WITH 12-INCH HIGH EXTENSIONS. A 6-INCH WIDE RETAINING WALL EXTENDING THE FULL HEIGHT OF THE BOX AND EXTENSION SHALL BE CONSTRUCTED AROUND SUCH PULL BOXES.
- PROVIDE BONDING JUMPER (3' LONG, MINIMUM) FOR STEEL COVERS TO BE BONDED TO CONDUIT.
- PULL BOXES SHALL BE TYPE III WITH EXTENSIONS FOR 1 TO 3 TRANSFORMERS..
- PULL BOXES SHALL BE TYPE IV WITH EXTENSIONS FOR MORE THAN 3 TRANSFORMERS.

TYPICAL INSTALLATION OF WATERPROOF SUBMERSIBLE TRANSFORMER IN PRECAST PULL BOX



9/32"Ø - DRILL 14 HOLES



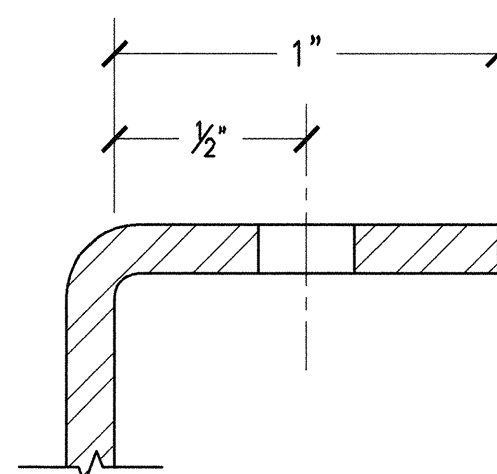
1/4"x2" NYLON SPACERS (4 REQUIRED)

4-3/8"x20 - 3" LONG GALV. MACHINE BOLT WITH DOUBLE EXPANSION SHIELDS

SIDEWALK, CEILING OR WALL

DRILL HOLE FOR CONDUIT

TYPICAL BASEMENT PULL BOX INSTALLATION DETAIL



BASEMENT PULL BOX NOTES:

- BASEMENT PULL BOX SHALL BE OF 11 GAUGE SHEET STEEL WITH WELDED JOINTS.
- THE COVER SHALL BE OF 10 GAUGE SHEET STEEL AND SHALL BE FASTENED TO THE BOX WITH 14 ROUND HEAD MACHINE SCREWS AND NUTS.
- THE PULL BOX AND COVER SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.
- A NEOPRENE GASKET SHALL BE PROVIDED BETWEEN COVER AND PULL BOX.
- ALL SCREWS, BOLTS, NUTS AND WASHERS SHALL BE TYPE 316 STAINLESS STEEL.

This Standard Plan was developed for use on public works projects in the City and County of San Francisco, and shall not be used without consulting a Registered Professional Engineer. The Department of Public Works reserves the right to make revisions to this Standard Plan at any time.

BASEMENT PULL BOX AND COVER

NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				

REFERENCE INFORMATION & FILE NO. OF SURVEYS



BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO

REVIEWED: DATE: BC 01/2007
DRAWN: DATE: RT 01/2007
CHECKED: DATE: TA 01/2007

PLANS APPROVAL DATE: APRIL 30, 2007

SECTION MANAGER
DEPUTY BUREAU MANAGER
BUREAU MANAGER

STANDARD PLAN

ELECTRICAL

PULL BOX DETAILS

OLD FILE NO.

49,093

FILE NO.

87,202

REV. NO.