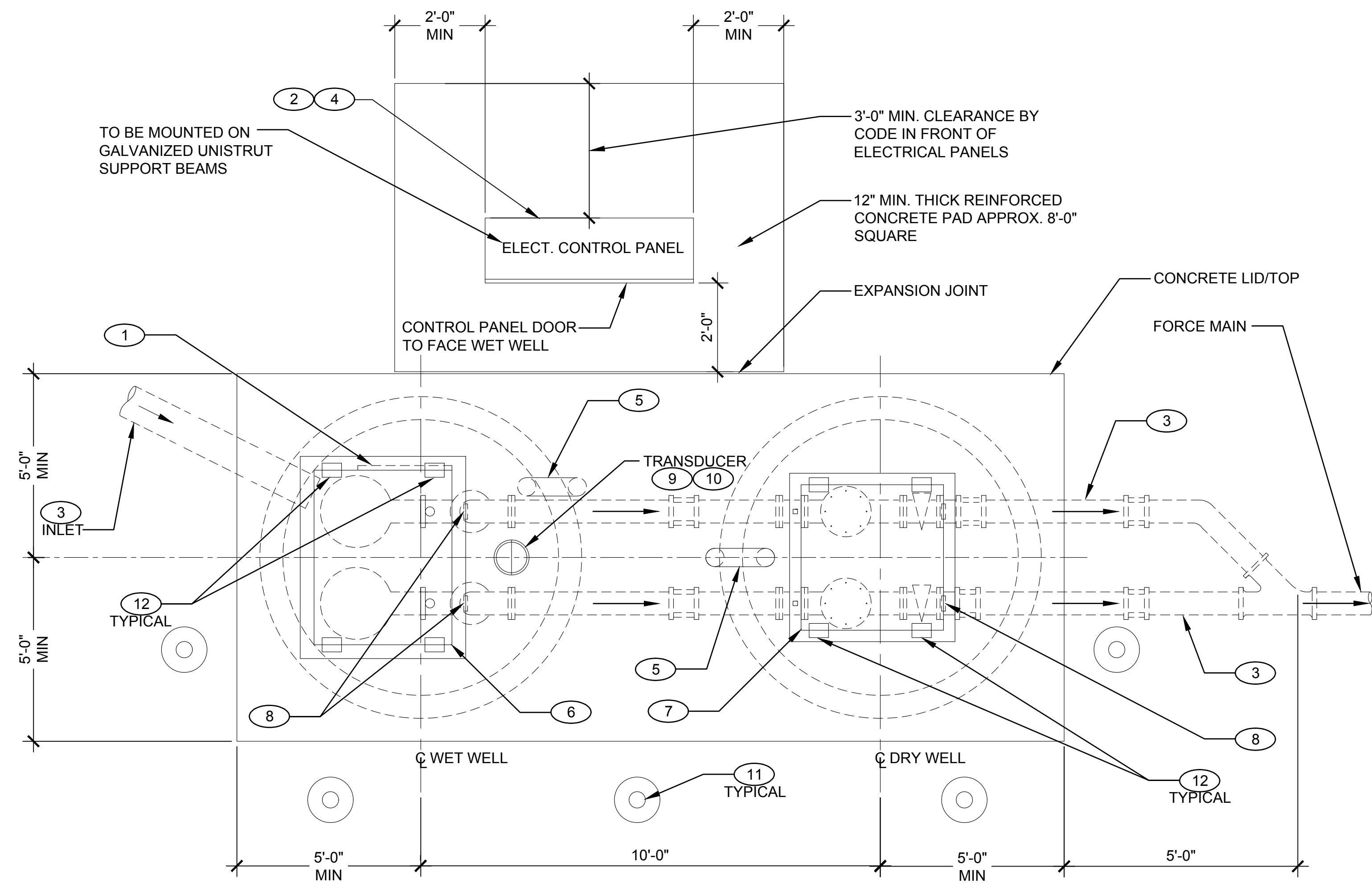


GENERAL NOTES:

- IF THIS SHEET IS NOT 24" X 36" USE GRAPHIC SCALE ACCORDINGLY

KEYED NOTES:

- LOCATE CABLE RACK ON SAME SIDE OF CONTROL PANEL, DO NOT LOCATE TRANSDUCER AND FLOAT IN DIRECT LINE WITH INLET AND DISCHARGE LINES.
- LOCATE TOP OF ELECTRICAL CONTROL PANEL 6 FEET ABOVE CONCRETE PAD.
- DUCTILE IRON PIPE.
- LOCATION OF ALARM BEACON WITH FLASHER SHALL BE VISIBLE TO ROAD TRAFFIC AND NOT BEHIND BUILDING OR IN LOW AREA.
- VENT PIPE
- 48" X 36" HINGED ACCESS DOOR AND FRAME WITH HINGED SAFETY GRATING (FURNISHED WITH PUMP).
- 36" X 36" HINGED ACCESS DOOR AND FRAME WITH HINGED SAFETY GRATING (FURNISHED WITH PUMP)
- ACCESS DOOR HINGES (TYPICAL)
- SEE ELECTRICAL DETAIL [SHEET 4]
- LOCATE TO PROVIDE CLEAR SPACE BELOW FOR ACCURATE LIQUID LEVEL MONITORING.
- TYPICAL BOLLARD AS REQUIRED TO PROTECT STATION FROM VEHICLE ACCESS.
- SAFETY GRATE HINGES (TYPICAL)



DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE)

LIFT STATION PLAN
SCALE: NONE

NOTES FOR DESIGNER:

- (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)
- SEE SHEET #4
 - VERIFY ALL PUMP HARDWARE DIMENSIONS FOR OPENING LOCATIONS AND PLACEMENT OF HARDWARE WITH PUMP MANUFACTURER.
 - LOCATION AND ORIENTATION OF CONTROL PANEL TO BE APPROVED BY LANL WASTEWATER SYSTEM REPRESENTATIVE. THE CONTROL PANEL FRONT TO FACE WET WALL.
 - DIMENSIONS FOR CONCRETE SLAB TOP BASED ON 6 FT DIAMETER WELLS. ADJUST CONCRETE SLAB, LARGER WET WELL ACCESS DOOR, AND BOTTOM FOR LARGER DIAMETER WELLS.
 - WET AND DRY WELL TOPS MAY BE PRE-CAST WITH ACCESS DOORS AND PIPING.

| NO | DATE | CLASS REV | DC | DESCRIPTION | DWN | DSGN | CHKD | SUB | APP |
|----|------------|-----------|-----|----------------------------------------------------------------------------------|-----|------|------|------|-----|
| 6 | 09/01/2016 | UNCLASS | EJS | ADMIN CHANGES TO NEW FORMAT CAD STD REV#5. MINOR DESIGN CHANGES | EJS | MS | MS | CJRR | TO |
| 5 | 01/27/2005 | U | DY | REVISED TITLEBLOCK REVISION DATA, AND ADTS - ENGINEERING LOGO. | RP | EH | RT | EH | TO |
| 4 | 08/16/2004 | U | | REVISED TITLE | RP | EH | MS | EH | TO |
| 3 | 08/26/2003 | U | | REV. LOC. OF WET WELL DOOR HINGES & VENT PIPE. DWG NO. WAS ST3710 | RP | EH | MS | EH | TO |
| 2 | 12/16/2002 | U | | REMOVED DROP INLET PIPE. | RP | EH | DC | EH | TO |
| 1 | 06/05/2002 | U | | DRAWING REVISED AND TRANSFERRED TO CIVIL CHAPTER. DWG No. WAS ST6010, CHAPTER 6. | RP | EH | MT | EH | TO |

ENGINEERING STANDARDS

CIVIL

EXTERIOR SEWER LIFT STATION PLAN

TA- XX BLDG XXXX

DISCIPLINE POC: GURINDER GREWAL APPROVED FOR RELEASE STANDARDS MANAGER: TOBIN ORUCH

Los Alamos NATIONAL LABORATORY PO Box 1663 Los Alamos, New Mexico 87545

REVIEWER: LARRY BAYS

PROJECT ID: CHAPTER 3 DRAWING NO: ST-G3020-2.2

DATE: 6-28-99

SHEET 2 OF 4

REV 6

00% REVIEW NOT FOR CONSTRUCTION