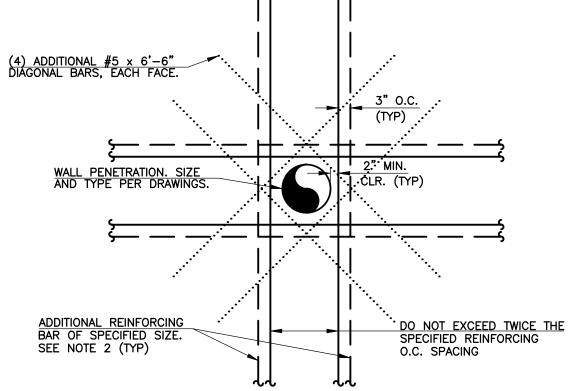


2. ALL WALL PENETRATIONS SHALL BE PLACED ACCORDING TO THE DIMENSIONS AND ELEVATIONS SHOWN ON THE DRAWINGS. WHERE THE WALL PENETRATION DOES NOT FALL BETWEEN REINFORCING BARS, PROVIDE (1) VERTICAL AND HORIZONTAL REINFORCING BAR ON EACH SIDE OF THE PENETRATION AT THE CLEAR DISTANCE REQUIRED. THEN RESTART THE REINFORCING O.C. SPACING SPECIFIED ON THE DRAWINGS TO THE OPPOSITE SIDE OF THE PENETRATION. DO NOT EXCEED THE REINFORCING O.C. SPACING SPECIFIED ON THE DRAWINGS.

ADDITIONAL REINFORCING AT

WALL OR SLAB PENETRATIONS

PD-9 SCALE: 1/2" = 1'-0"



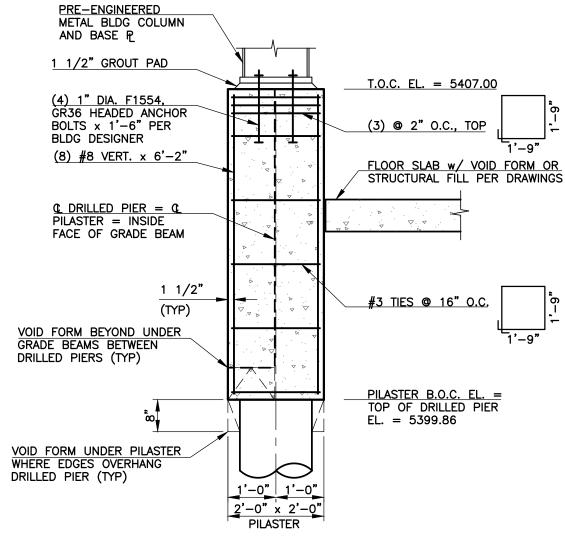
<u>IOTE:</u>

- 1. ADDITIONAL REINFORCING REQUIREMENTS SHOWN ABOVE APPLIES TO ALL PENETRATIONS WHERE THE PENETRATION O.D. PLUS REQUIRED CLEAR DISTANCE IS GREATER THAN THE REINFORCING O.C. SPACING SPECIFIED ON THE DRAWINGS. WHERE THE PENETRATION O.D. PLUS REQUIRED CLEAR DISTANCE IS NOT GREATER THAN THE REINFORCING O.C. SPACING SPECIFIED ON THE DRAWINGS, REFER TO DETAIL 1/PD-9 FOR ADDITIONAL REINFORCING REQUIREMENTS.
- 2. ALL WALL PENETRATIONS SHALL BE PLACED ACCORDING TO THE DIMENSIONS AND ELEVATIONS SHOWN ON THE DRAWINGS. WHERE THE PENETRATION O.D. PLUS REQUIRED CLEAR DISTANCE IS GREATER THAN THE REINFORCING O.C. SPACING SPECIFIED ON THE DRAWINGS, PROVIDE (1) ADDITIONAL VERTICAL AND HORIZONTAL REINFORCING BAR ON ALL SIDES OF THE PENETRATION AT THE CLEAR DISTANCE REQUIRED. THEN RESTART THE REINFORCING O.C. SPACING SPECIFIED ON THE DRAWINGS PAST THE PENETRATION. DO NOT EXCEED TWICE THE REINFORCING O.C. SPACING SPECIFIED ON THE DRAWINGS.

ADDITIONAL REINFORCING AT

LARGE WALL OR SLAB PENETRATIONS

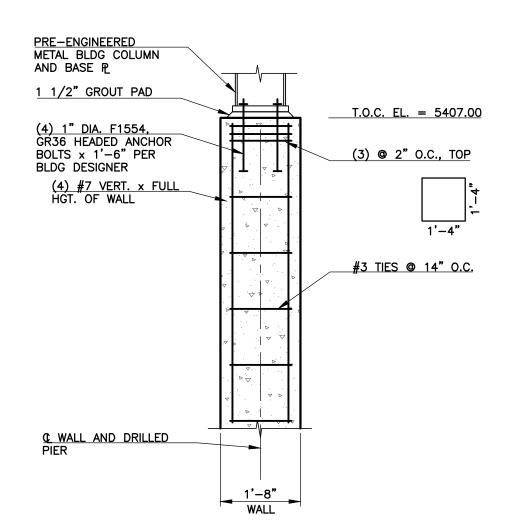
PD-9 SCALE: 1/2" = 1'-0"



NOTES:

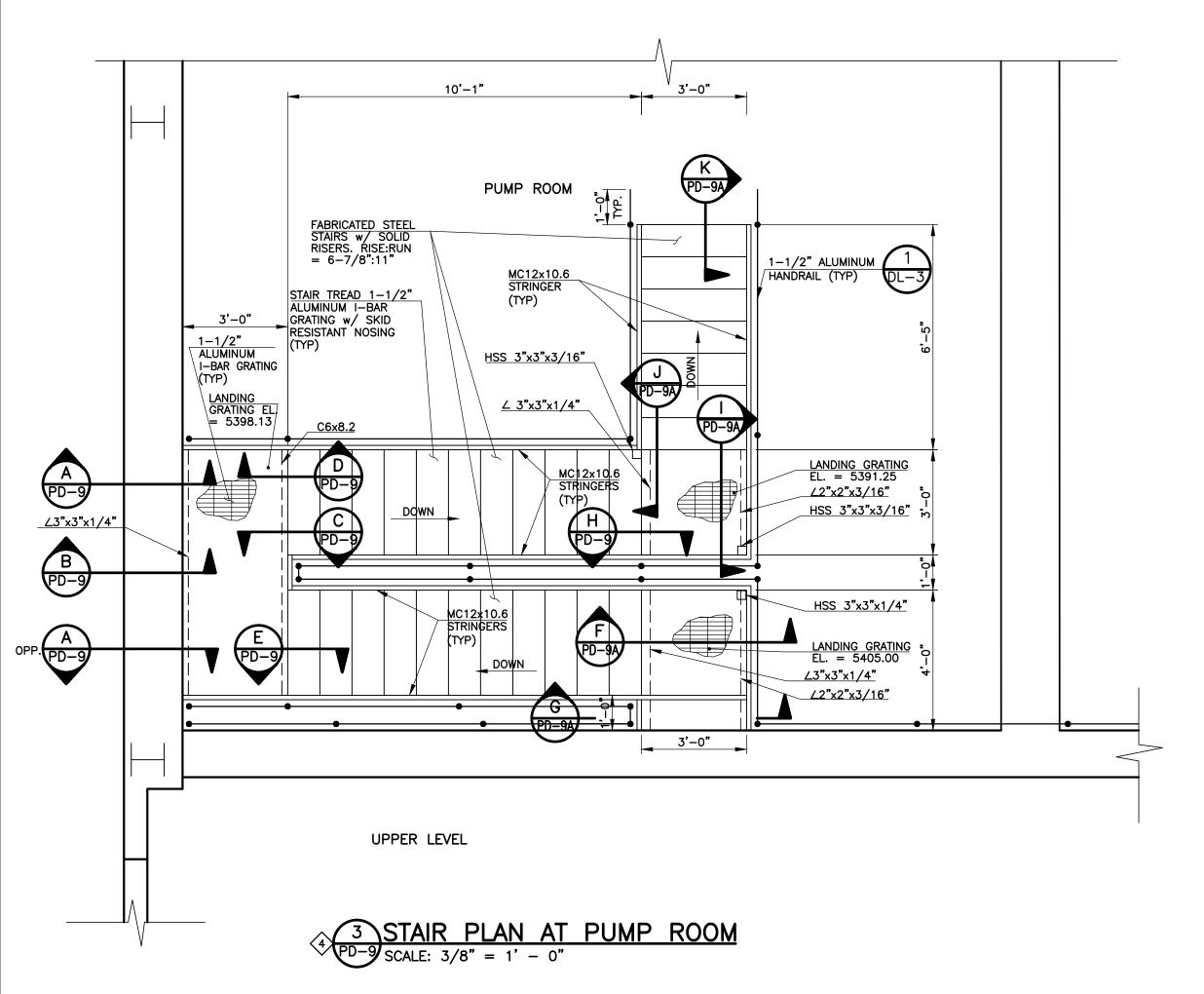
- ADJACENT GRADE BEAM REINFORCING SHALL BE CONTINUOUS THROUGH PILASTER (GRADE BEAM REINFORCING NOT SHOWN FOR CLARITY)
- 2. WHERE ADJACENT GRADE BEAMS AND/OR WALLS BEAR ON SLABS, PILASTER B.O.C. ELEVATION SHALL EQUAL TOP OF SLAB ELEVATION. REFER TO STRUCTURAL DRAWINGS FOR ELEVATIONS OF ADJACENT SLABS.

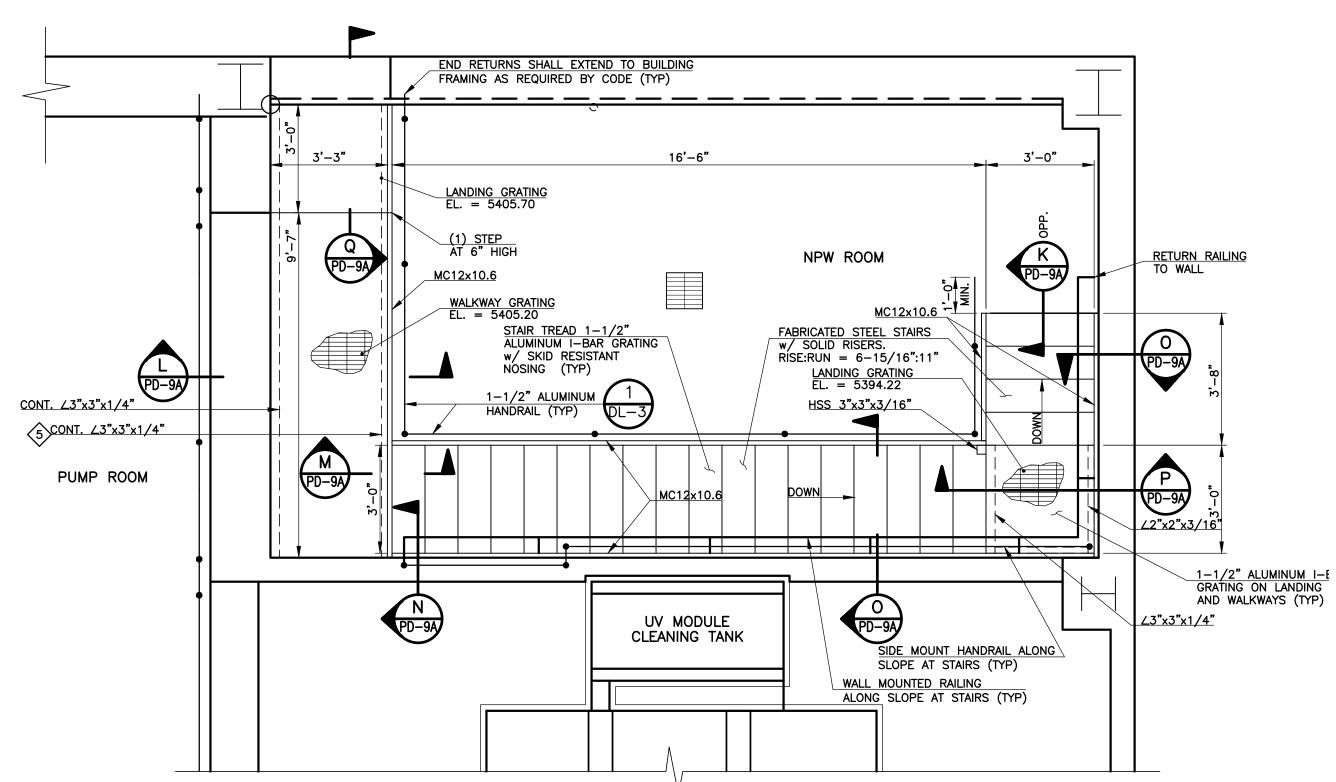
PD-9 SCALE: 1/2" = 1'-0"



NOTE:

- REINFORCING SHOWN IN THIS SECTION IS IN ADDITION TO REGULAR WALL REINFORCING (REGULAR WALL REINFORCING NOT SHOWN FOR CLARITY)
- B PILASTER SECTION AT PUMP ROOM WALLS
 PD-9 SCALE: 1/2" = 1'-0"





4 STAIR PLAN AT NPW ROOM SCALE: 3/8" = 1' - 0"

5 STAIR NOTES:

1. BEARING BARS INDICATE DIRECTION OF GRATING SPAN

REVISIONS

NO. 1 DATE DESCRIPTION

1 09/16/2011 ISSUED FOR CMO PREPARATION (PUMPING AND DISINFECTION BUILDING FOUNDATION)
2 09/16/2011 ISSUED FOR FOUNDATION PERMIT SUBMITTAL TO PPRBD (PUMPING AND DISINFECTION BLDG)
3 10/17/2011 ISSUED FOR CONSTRUCTION PER PPRBD FOUNDATION PERMIT #98993 (PUMP AND DISINFECTION BLDG)
4 01/06/2012 ISSUED FOR VALUE ENGINEERING
5 01/25/2012 ISSUED FOR PD BUILDING VALUE ENGINEERING REVIEW AND COMMENTS
6 04/18/2012 ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (PUMPING AND DISINFECTION BLDG)
7 05/21/2012 ISSUED FOR CONSTRUCTION PER PPRBD BLDG PERMIT #98993 (PUMP AND DISINFECTION BLDG)

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STRUCTURAL SECTIONS AND DETAILS
HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY
LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT

DRAWN MAM/SKC

DESIGNED JP

CHECKED MG

DATE 2011

PROJECT NO. 20166.372

GMS FILE NO. 2599

GMS, INC.

CONSULTING ENGINEERS
611 N. WEBER, SUITE 300
COLORADO SPRINGS, COLORADO 80903

PD-9 OF

XREF FILENAME: G: BASE DWG: G: PLOT STYLE FILE: 1050C.CT

FILENAME: G:\LFMSDD\20166\372\PD9\PD9.DW