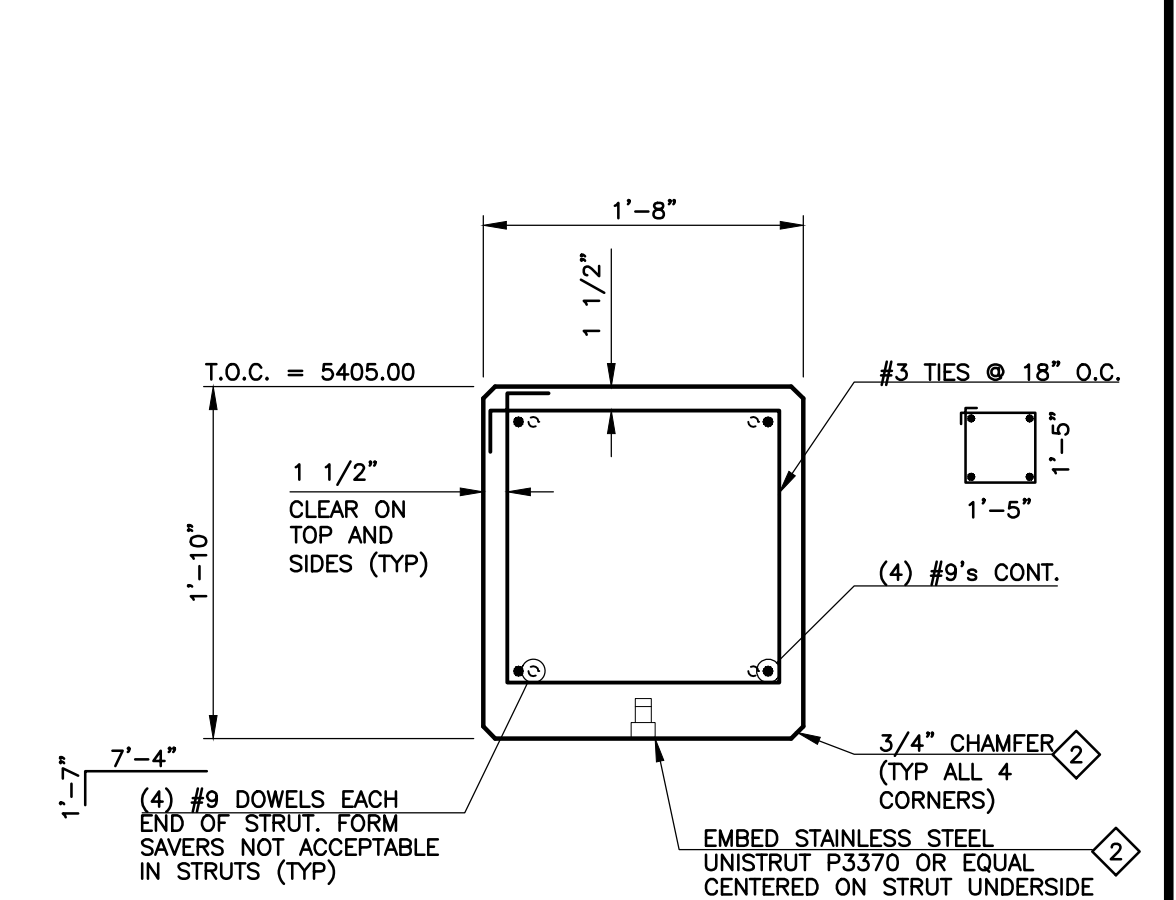
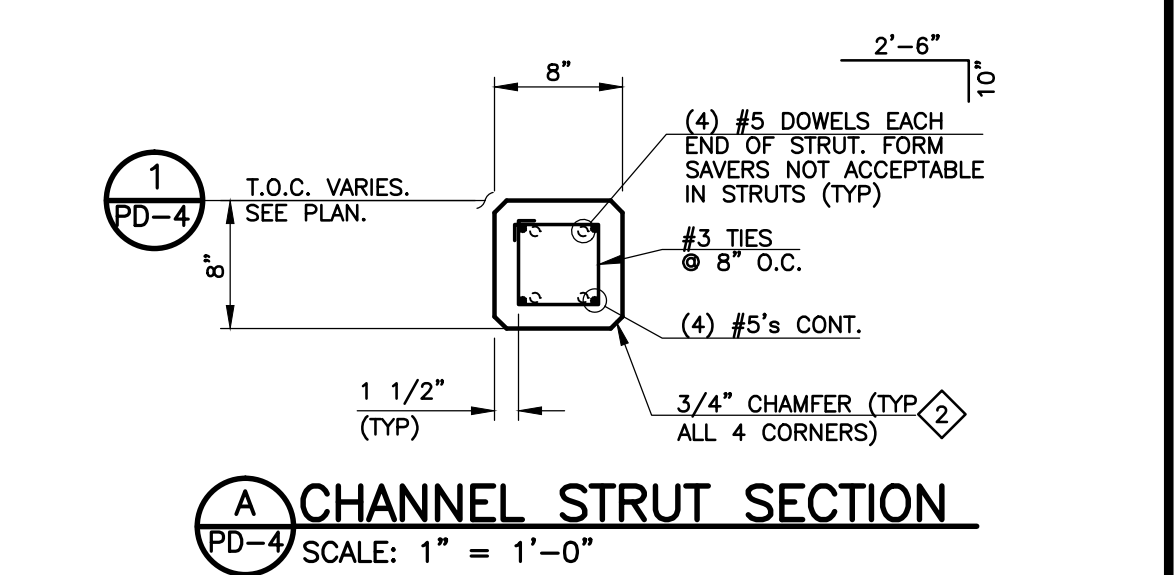


- NOTES:
- FINISH FLOOR ELEVATIONS SHOWN HERE ARE NOMINAL ELEVATIONS. REFER TO THE STRUCTURAL FLOOR PLAN FOR DETAILED ELEVATIONS OF FLOOR DRAINS, DRAIN TRENCHES AND FLOOR SLAB SLOPES.
 - NOTATIONS:
 - T.O.C. = TOP OF CONCRETE ELEVATION FOR CHANNEL STRUT.
 - T.O.W. = TOP OF WALL
 - B.O.W. = BOTTOM OF WALL
 - T.O.C. = TOP OF CONCRETE
 - B.O.S. = BOTTOM OF SLAB
 - WALL STEP NOTATIONS:
 - < INDICATES ELEVATION APPLIES TO LEFT SIDE OF STEP IN PLAN VIEW
 - > INDICATES ELEVATION APPLIES TO RIGHT SIDE OF STEP IN PLAN VIEW
 - POSITION INDICATES THE SIDE THAT THE ELEVATION APPLIES. THE TOP ELEVATION APPLIES TO THE TOP SIDE OF THE STEP IN PLAN VIEW AND THE BOTTOM ELEVATION APPLIES TO THE BOTTOM SIDE OF THE STEP IN PLAN VIEW.
 - PROVIDE #4 COPPER CONDUCTOR FOR UFER GROUND, ROUTE AND BOND TO REINFORCING STEEL PER CODE. SEE ELECTRICAL DRAWINGS.
 - SEE PIPE PENETRATION PLAN FOR BLOCK-OUTS, WALL PIPES, EMBED REQUIREMENTS, ETC. FOR WALLS AND SLABS.
 - SEE EQUIPMENT AND PIPING DRAWINGS AND DRAIN AND VENT PLAN FOR BELOW SLAB PIPING AND ENCASMENT CONSTRUCTION REQUIREMENTS.
 - HYPOCHLORITE STORAGE AND FEED ROOM IS FRAMED WALLS ON SLAB WITH CEILING AT 11'-0" AFF. TWO - 500 GALLON HYPOCHLORITE STORAGE TANKS, 4'-0" DIA. 6' HIGH REQUIRED UNITS MAX. WEIGHT OF 1200lbs AT EACH TANK. EACH TANK SET ON 6" HIGH CONCRETE HOUSEKEEPING PAD.
 - OPERATING FLOOR ADJACENT TO DISINFECTION AND FLUME CHANNEL TO SLOPE TO OPEN, GRATED CHANNELS PER STRUCTURAL FLOOR PLAN.
 - REFER TO STRUCTURAL FLOOR PLAN FOR SLOPES OF OPERATING FLOOR SURFACES DRAINING TO FLOOR DRAINS.
 - DISINFECTION CHANNELS SHALL HAVE 6-INCH DIAMETER FLOOR DRAIN WITH MUD VALVE.
 - PORTABLE SAMPLER LOCATED ON OPERATING FLOOR ADJACENT TO EXTERIOR WALL AT DOWN STREAM EXTENT OF FLUME CHANNEL.
 - FLOOR MOUNTED ELECTRICAL EQUIPMENT FOR PUMPING AND DISINFECTION SHALL BE PLACED ON 4-INCH HOUSEKEEPING PAD.
 - PROVIDE RIGID INSULATION ON THE EXTERIOR WALLS OF THE PUMP ROOM, NPW ROOM, AND CHANNELS. INSULATION SHALL BE INSTALLED ON THE EXTERIOR FACE OF WALL BEGINNING 10 INCHES BELOW GRADE AND EXTENDING TO A MINIMUM OF 30 INCHES BELOW GRADE. RIGID INSULATION SHALL BE A MINIMUM OF 2 INCHES THICK WITH A MINIMUM R-VALUE OF 10.
 - PROVIDE RIGID INSULATION ON ALL PERIMETER FOUNDATION WALLS OF THE UPPER LEVEL. INSULATION SHALL BE INSTALLED ON THE INTERIOR FACE OF WALL BEGINNING AT THE BOTTOM OF SLAB ELEVATION AND EXTENDING TO A MINIMUM OF 24 INCHES BELOW THAT. RIGID INSULATION SHALL BE A MINIMUM OF 2 INCHES THICK WITH A MINIMUM R-VALUE OF 10.
 - THE CONTRACTOR SHALL CONSTRUCT THE UV CHANNELS AND CLEANING TANK WITH EXTREME CARE. IT IS CRITICAL THE CONCRETE FACILITIES THAT WILL HOUSE THE UV MODULES ARE CONSTRUCTED PRECISELY TO THE DIMENSIONS SHOWN AND TRULY SQUARE AND PLUMB SO AS TO NOT CAUSE INTERFERENCE WITH THE UV MODULES.



1 PUMPING AND DISINFECTION BUILDING FOUNDATION PLAN
SCALE: 1" = 4'

REVISIONS		
NO.	DATE	DESCRIPTION
1	09/16/2011	ISSUED FOR CMO PREPARATION (PUMPING AND DISINFECTION BUILDING FOUNDATION)
2	09/22/2011	ISSUED FOR FOUNDATION PERMIT SUBMITTAL TO PPRBD (PUMPING AND DISINFECTION BLDG)
3	10/17/2011	ISSUED FOR CONSTRUCTION PER PPRBD FOUNDATION PERMIT #8993 (PUMP AND DISINFECTION BLDG)
4	01/08/2012	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 #8993 (PUMP AND DISINFECTION BLDG)

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STRUCTURAL FOUNDATION PLAN
HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY
LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT

DRAWN	SKC
DESIGNED	MAM
CHECKED	RJS
DATE	2011
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