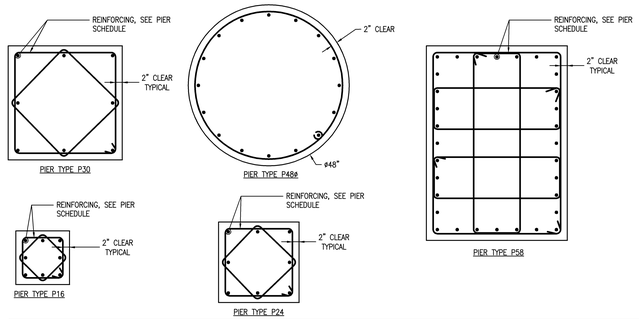


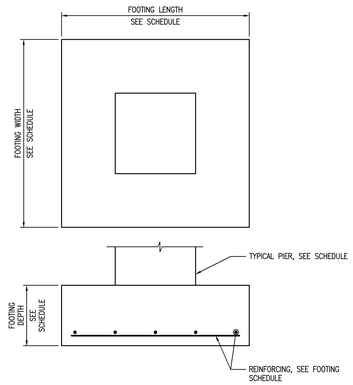
PIER SCHEDULE			
PIER TYPE	PIER DIMENSIONS	VERTICAL REINFORCING	TIES
P16	16" x 16"	(8) #6 VERTICAL BARS	#3 TIES @ 9" O.C.
P24	24" x 24"	(8) #8 VERTICAL BARS	#3 TIES @ 9" O.C.
P30	30" x 30"	(8) #10 VERTICAL BARS	#3 TIES @ 9" O.C.
P40	40" x 24"	(20) #10 VERTICAL BARS	#3 TIES @ 9" O.C.
P48ø	48ø	(16) #10 VERTICAL BARS	#3 TIES @ 9" O.C.
P58	58" x 42"	(32) #8 VERTICAL BARS	#3 TIES @ 9" O.C.

1. VERTICAL PIER REINFORCING TO BE TIED WITH #3 REBAR AS PER ACI-318 LATEST EDITION AND AS SHOWN.
2. USE (3) #3 TIES WITHIN TOP 5" AT THE TOP OF EACH PIER AND FIRST TIE ABOVE THE FOOTING SHOULD BE = OR < 4" FROM THE TOP OF FOOTING.
3. DOWELS TO BE SAME SIZE AND SPACING OF VERTICAL BARS (PROVIDE TENSION LAP SPLICE).
4. REFER TO ACI-318 FOR COVER REQUIREMENTS.
5. REFER TO SECTIONS FOR WALL REINFORCING.
6. F'C CONCRETE 4000 PSI @ 28 DAYS (NORMAL WEIGHT 150 PCF). FY = 60 KSI.
7. REFER TO PLAN FOR TOP OF PIER ELEVATION.

PIER SCHEDULE & DETAILS
SCALE: 3/4" = 1'-0"

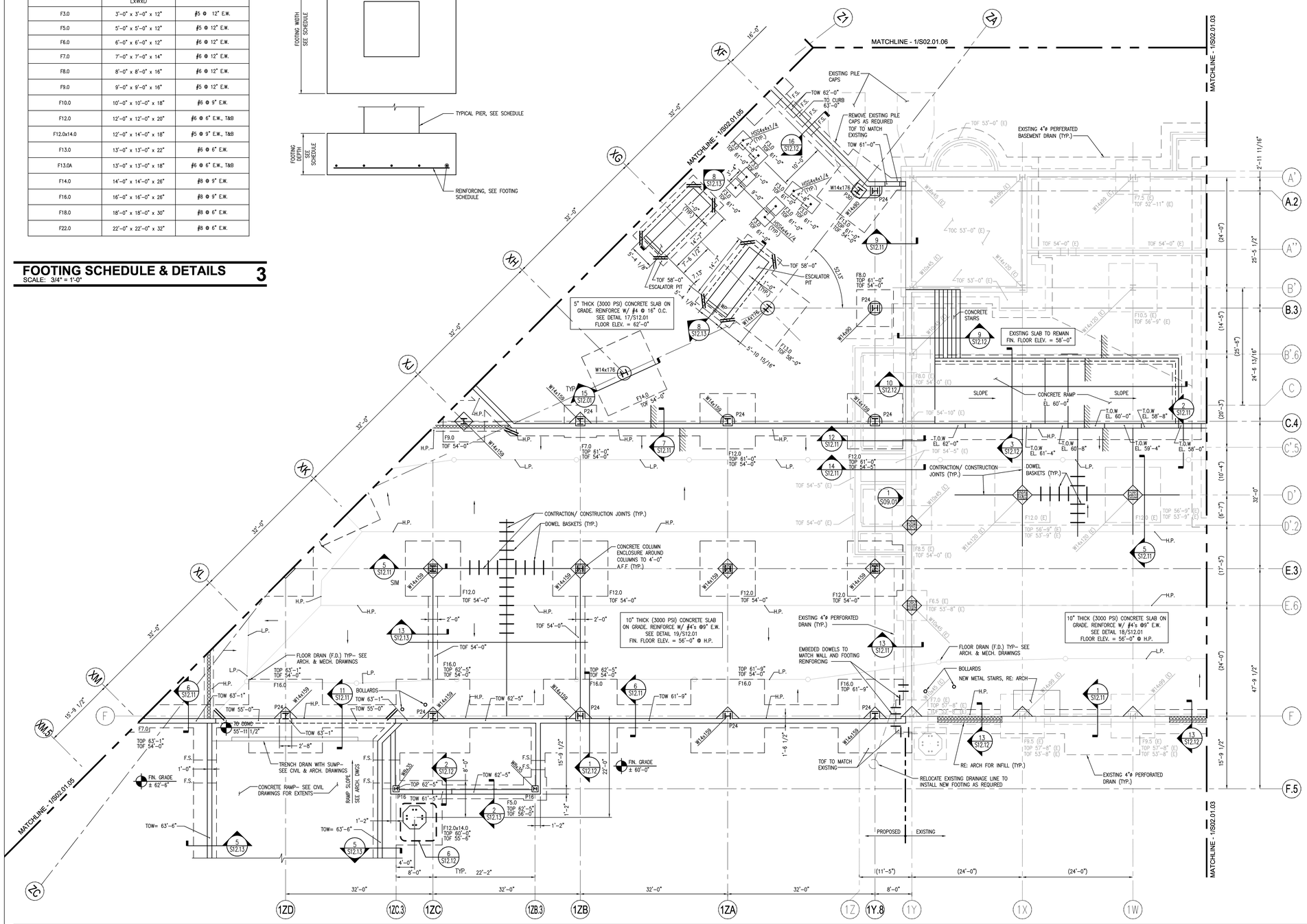
2

FOOTING SCHEDULE		
FOOTING TYPE	FOOTING DIMENSIONS LxWxD	REINFORCING
F3.0	3'-0" x 3'-0" x 12"	#5 @ 12" E.W.
F5.0	5'-0" x 5'-0" x 12"	#5 @ 12" E.W.
F6.0	6'-0" x 6'-0" x 12"	#6 @ 12" E.W.
F7.0	7'-0" x 7'-0" x 14"	#6 @ 12" E.W.
F8.0	8'-0" x 8'-0" x 16"	#6 @ 12" E.W.
F9.0	9'-0" x 9'-0" x 16"	#6 @ 12" E.W.
F10.0	10'-0" x 10'-0" x 18"	#6 @ 9" E.W.
F12.0	12'-0" x 12'-0" x 20"	#6 @ 6" E.W., T&B
F12.0x14.0	12'-0" x 14'-0" x 18"	#5 @ 9" E.W., T&B
F13.0	13'-0" x 13'-0" x 22"	#6 @ 6" E.W.
F13.0A	13'-0" x 13'-0" x 18"	#6 @ 6" E.W., T&B
F14.0	14'-0" x 14'-0" x 26"	#8 @ 9" E.W.
F16.0	16'-0" x 16'-0" x 26"	#8 @ 9" E.W.
F18.0	18'-0" x 18'-0" x 30"	#8 @ 6" E.W.
F22.0	22'-0" x 22'-0" x 32"	#8 @ 6" E.W.



FOOTING SCHEDULE & DETAILS
SCALE: 3/4" = 1'-0"

3



FOUNDATION PLAN - LEVEL 1&2- ZONE 4
SCALE: 1/8" = 1'-0"

1

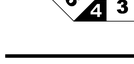
SHEET NOTES

F.S.	INDICATES FOOTING STEP, SEE DETAIL ON SHEET S12.01.
TOF X'-X"	(EXAMPLE) INDICATES TOP OF FOOTING ELEVATION. G.C. VERIFY/COORDINATE WITH FINAL GRADES. ALL BOTTOM OF FOOTING ELEVATIONS ARE (-) 4'-0" (MIN.) BELOW FINISHED GRADE.
TOW X'-X"	(EXAMPLE) INDICATES TOP OF WALL. TOW VARIES SEE DETAILS & COORDINATE W/ ARCH DWGS.
TOP X"-X"	(EXAMPLE) INDICATES TOP OF PIER. TOP TO BE 0'-8" (U.N.O.)
PXX	INDICATES PIER TYPE, SEE SCHEDULE ON SHEET S02.01.04
FXX	INDICATES FOOTING TYPE, SEE SCHEDULE ON SHEET S02.01.04
(E)	INDICATES EXISTING.
*	COORDINATE DIMENSION W/ REVOLVING DOOR MANUFACTURER, VERIFY W/ ARCHITECT.
	INDICATES SLAB PITCH
o	INDICATES FLOOR DRAIN, SEE ARCH. & MECH DWGS.
H.P.	INDICATES HIGH POINT OF FLOOR SLAB, SEE ARCH. & MEP DRAWINGS FOR REQUIREMENTS.
L.P.	INDICATES LOW POINT OF FLOOR SLAB, SEE ARCH. & MEP DRAWINGS FOR REQUIREMENTS.

GENERAL NOTES

1. ALL EXISTING CONDITIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO BEGINNING OF ANY WORK. IF EXISTING FIELD CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS AS SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY AND PROVIDE A SKETCH OF THE CONDITION WITH PROPOSED MODIFICATION FOR REVIEW BY ARCHITECT.
2. CONTRACTOR TO CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF WORK.
3. SEE SHEET S00.00 FOR GENERAL STRUCTURAL NOTES AND DESIGN LOADS.
4. SEE SHEET S12.01 FOR TYPICAL FOUNDATION DETAILS
5. CONTRACTOR SHALL COORDINATE ALL FLOOR OPENINGS WITH MECHANICAL DRAWINGS.
6. AT ALL LOCATIONS WHERE PIPING RUNS BENEATH CMU OR CONCRETE WALLS, DEEPEN FOOTINGS AS REQUIRED TO ALLOW 6" (MIN.) CLEARANCE BETWEEN PIPE AND FOOTING.
7. CONTRACTOR SHALL SUBMIT LAY-OUT FOR SLAB ON GRADE CONSTRUCTION AND CONTRACTION JOINTS TO THE STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO PLACING CONCRETE.
8. SEE ARCH DWGS FOR DEPRESSED SLAB LOCATIONS AND DEPTHS.
9. PROVIDE (2) #3 x 4'-0" LONG REINFORCING BARS AT ALL RE-ENTRANT SLAB CORNERS, SEE DETAILS ON SHEET S12.01.
10. ALL FOOTINGS TO BE CENTERED ON COL. GRID LINE (U.N.O.).
11. FLOOR SLABS AT THIS LEVEL SHALL BE INSTALLED WITH RADIANT HEAT. COORDINATE W/ ARCH & MECH DWGS.
12. SEE ARCH DWGS FOR WATERPROOFING AND INSULATING REQUIREMENTS AND LOCATIONS.
13. PER GEOTECHNICAL REPORT BY HALEY & ALDRICH (H&A FILE NO. 35024-001 DATED 11 NOVEMBER 2008) FOUNDATIONS HAVE BEEN DESIGNED FOR A MAXIMUM ALLOWABLE BEARING PRESSURE OF 3000 PSF. CONTRACTOR SHALL ALLOW OWNER'S GEOTECHNICAL ENGINEER TO OBSERVE SUBGRADE CONDITIONS TO CONFIRM BEARING CAPACITY PRIOR TO PLACEMENT OF FORMS OR REINFORCING STEEL.
14. DIMENSIONS IN PARENTHESIS FOR REFERENCE ONLY.
15. EXISTING BUILDING INFORMATION USED TO PREPARE PLANS OF THIS AREA WERE TAKEN FROM AS-BUILT DRAWINGS PREPARED BY PJDA DATED SEPTEMBER 2006.
16. REFERENCE S02.01.00, AND SPECIFICATION SECTION 334600 FOR UNDERSLAB DRAINAGE REQUIREMENTS.
17. OVER-EXCAVATION/REPLACEMENT OF UNSUITABLE SOILS MAY BE REQUIRED BELOW FOUNDATION BEARING LEVELS, SEE SHEET S00.00 AND SPECIFICATION SECTION 312000 FOR ADDITIONAL INFORMATION.

KEY PLAN



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△	Issue	Date & Issue Description	By	Check
--	01	07/11/08 SCHEMATIC DESIGN	JDE	--
--	02	09/22/08 DESIGN DEVELOPMENT	JDE	--
--	03	12/03/08 75% CONSTRUCTION DOCUMENTS	JDE	--
--	04	01/23/09 95% CONSTRUCTION DOCUMENTS	JDE	--
--	05	10/26/09 ISSUED FOR PERMIT	JDE	--

Seal/Signature

Project Name
PWM Terminal Enhancement

Project Number
09.6395.000

CAD File Name
T:\5330101\SHEETS\S02.01.04.DWG

Description
FOUNDATION PLAN – LEVEL 1&2 – ZONE 4

Scale
1/8" = 1'-0"

Ref. North

S02.01.04