

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

SECTION

scale

15

LINTEL SCHEDULE

NTS

12

TYPICAL HEAVY EQUIPMENT PAD DETAIL

NTS

9

CONCRETE PIER P9 LAYOUT

3/4" = 1'-0"

6

HOLE IN STEEL BEAM @ PIPE

NTS

3

MARK	SIZE	BEARING
LI	8" WIDE x 16" CMU BOND BEAM LINTEL REINFORCED #2-#5 TOP & BOTTOM	8"

LINTEL NOTES:

- ALL LINTELS SHALL CONFORM TO ARCHITECTURAL HEAD DETAILS.
- UNLESS NOTED OTHERWISE, PROVIDE ONE L4x3/8x1/4 FOR SPANS LESS THAN 6'-0" AND ONE L6x3/8x1/4 FOR SPANS GREATER THAN 6'-0" FOR EACH NOMINAL 4" WALL THICKNESS AS LINTELS FOR BRICK OVER ALL OPENINGS IN BEARING NON-BEARING WALLS OR CMU REQUIRED FOR DOORS, DIGITS, RECESSED HEATING UNITS, PANELS, GRILLS, ETC. NOT SHOWN.
- SUBMIT FOR APPROVAL SHOP DRAWINGS AND SCHEDULES SHOWING DETAILS, SIZE LOCATION, EXT. FOR ALL LINTELS IN BEARING AND NON-BEARING WALLS.

EDGE OF EQUIPMENT

3/4" CHAMFER (TYP.)

1/2" PREMOULDED EXP. JT. FILLER

#5 @ 12" EA. WAY 3" CLEAR TOP & BOTTOM

* PAD MAY BE THICKER AS REQUIRED BY EQUIPMENT MANUFACTURER

NOTE: USE THIS PAD DETAIL @ EMERGENCY GENERATOR EQUIPMENT PAD. SEE CIVIL SITE PLAN FOR LOCATION.

PIER P9

PIER P8

PIER P9 LAYOUT

STD PIPE 4" LONG

2 1/2" MIN

3/16"

1/4" PLATE EACH SIDE

NOTE: PLACE HOLE IN MIDDLE THIRD OF BEAM DEPTH AND MIDDLE THIRD OF SPAN. HOLES THROUGH COLUMN WEBS FOR PIPES SHALL NOT EXCEED D/3 AND SHALL BE REINFORCED TO RESTORE BEAM SECTION.

SECTION

NTS

14

TYPICAL THICKENED EDGE DETAIL

NTS

11

CONCRETE BEAM SCHEDULE

NTS

8

CONCRETE PIER P8 LAYOUT

3/4" = 1'-0"

5

TYP COMPOSITE BEAM DETAIL

NTS

2

TOP OF CONCRETE AT EDGE OF PATIO

FIN. FL.

#4 CONT.

#4 @ 18" OC

1-#4 CONT.

CONC. TURNDOWN SLAB

8" MIN

4"

SLOPE

MARK	DEPTH	WIDTH	REINFORCING		STIRRUPS
			TOP	BOTTOM	
CB-1	1'-4"	2'-0"	2 - #4	5 - #6	#4 @ 10" OC FULL LENGTH
CB-2	2'-0"	0'-8"	2 - #8	2 - #8	#4 @ 4" OC FULL LENGTH

NOTES:

- ALL STIRRUPS SHALL BE CLOSED STIRRUPS.
- PROVIDE 2-#4 SIDE BARS EACH FACE EQUALLY SPACED BTWN TOP & BOT REINFORCING.

CONC. SLAB

CONC. BEAM

BEAM WIDTH

SLAB DEPTH - SEE PLAN

BEAM DEPTH

CORNER BARS

EXTEND HORIZ WALL REIN INTO PIER

PIER P8 LAYOUT

COMPOSITE FLOOR DECK

CHAIRS

3/4" @ STUD - SEE PLAN FOR # REQUIRED

1 3/4" CLR

SECTION

NTS

13

TYPICAL CONCRETE STAIR DETAIL

NTS

10

CONCRETE GRADE BEAM SCHEDULE

NTS

7

GIRDER/B EAM TO COL MOMENT CONN

NTS

4

TYP SLAB ON COMPOSITE STEEL DECK DET

NTS

1

18"

SLOPE

#3 NOSE BAR (TYP)

CAST STAIR NOSING WHERE APPLICABLE, SEE ARCH

#4 @ 12" OC BN

FINISH GRADE SEE CIVIL DWGS

2 - #4 CONT. DOVEL INTO EXIST CONG FOUNDATION WHERE APPLICABLE

1'-0"

FORM THIS EDGE

5" CLEAR

24" MIN

8"

MARK	DEPTH	WIDTH	REINFORCING		STIRRUPS
			TOP	BOTTOM	
GB-1	1'-6"	1'-6"	2 - #4	3 - #5	#4 @ 9" OC FULL LENGTH
GB-2	1'-6"	4'-0"	2 - #4	6 - #6	#4 @ 9" OC FULL LENGTH

NOTES:

- ALL STIRRUPS SHALL BE CLOSED STIRRUPS.
- PROVIDE 1-#6 SIDE BAR EACH FACE EQUALLY SPACED BTWN TOP & BOT REINFORCING.

AT ROOF (PARTIAL SECTION)

VIEW A-A

AT FLOOR

VIEW B-B

NOTE: AT FLOOR LEVELS, COLUMN WEB STIFFENERS NOT REQUIRED WHERE MOMENT CONNECTION @ COLUMN FLANGE ONLY. TYP. @ TOP & BOTTOM FLANGE. COLUMN CAP PL REQUIRED AT ALL MOMENT CONNECTIONS AT ROOF.

CHAIR

3 1/2" MIN

6 1/2"

BEAM FLANGE

1

2

3

4

NOTE: 1. COMPOSITE STEEL FLOOR DECK: GALVANIZED 18 GAUGE UNDO. TWO SPAN MINIMUM INSTALLATION WITHOUT SHORING. 1.2 L25 IN. Sp > 0.14 IN. Sp > 0.20 IN. WELD TO SUPPORTS WITH 3/4" FUSION WELDS @ 12" O.C. MAX. 2 WELDS MIN. PER UNIT. PROVIDE SKEWED SIDELAPS USING #12x3/4" LONG S15 @ 16" OC MAX. PROVIDE ACCESSORIES- FOUR STOPS, SIDE AND END CLOSURES TO PREVENT CONCRETE LEAKAGE. 2. 150 PCF MAX. STRUCTURAL NORMAL WEIGHT CONCRETE FC = 4000 PSI. 3. 6x6 - 14 21 X 14 21 W/F, PROVIDED IN FLAT SHEETS. 1 3/4" CLEAR FROM TOP OF SLAB, TIED TO SUPPORT CHAIRS. 4. 3/4" x 4 1/2" HIGH (AFTER WELDING) WELDED, HEADED SHEAR STUDS, ASTM A108. AT ALL COMPOSITE BEAMS, PROVIDE STUDS @ 36" OC MAX. (ANY BEAM SHOWN ON PLAN WITHOUT A STUD COUNT LABEL DOES NOT REQUIRE STUDS). STUDS SHALL BE PLACED UNIFORMLY ALONG BEAM LENGTHS EXCEPT AS SHOWN AT GIRDERS. DO NOT INSTALL AT DEPRESSIONED SLAB AREAS WHERE STUDS WOULD PROJECT ABOVE THE ROUGH SLAB ELEVATION.

SECTION

NTS

13

TYPICAL CONCRETE STAIR DETAIL

NTS

10

CONCRETE GRADE BEAM SCHEDULE

NTS

7

GIRDER/B EAM TO COL MOMENT CONN

NTS

4

TYP SLAB ON COMPOSITE STEEL DECK DET

NTS

1

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Drawing Title

TYPICAL DETAILS AND SCHEDULES

Approved: Project Director

Drawing Title

Adult Day Care Building
VA Medical Center
Comm No. 10110.00

Location

Beckley, West Virginia

Date

08/05/2011

Checked

CMF

Drawn

PJW

Project Number

VA246-P-0568

Building Number

-

Drawing Number

S0.5

Dwg. No. of 77

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231