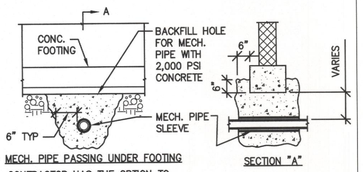
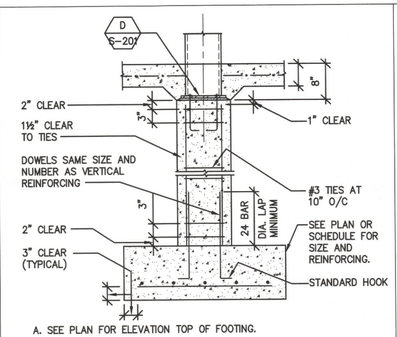


STEPPED FOOTING DETAIL

A

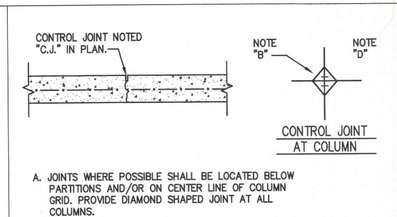


A. SEE PLAN FOR ELEVATION TOP OF FOOTING.

B. PROVIDE PIER WHENEVER TOP OF FOOTING IS MORE THAN 8" BELOW TOP OF SLAB.

CONCRETE PIER ON SPREAD FTG. DETAIL

B



A. JOINTS WHERE POSSIBLE SHALL BE LOCATED BELOW PARTITIONS AND/OR ON CENTER LINE OF COLUMN GRID. PROVIDE DIAMOND SHAPED JOINT AT ALL COLUMNS.

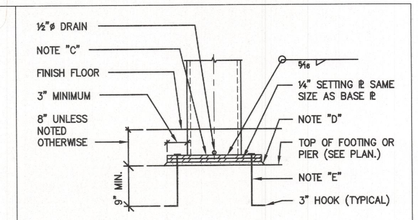
B. SAW CUT JOINTS WHERE NOTED IN PLAN USING SOFT-CUT METHOD. SAW CUT DEPTH SHALL BE 1/4 SLAB THICKNESS. SAW CUT JOINT AS SOON AS SLAB WILL SUPPORT WEIGHT OF SAW AND OPERATOR WITHOUT DISTURBING SLAB FINISH.

C. FILL SAW CUT WITH A SELF-LEVELING JOINT SEALANT HAVING A SHORE "A"-SCALE HARDNESS NUMBER OF "80" MINIMUM.

D. PROVIDE ⅜" MIN. THICK PREMOLDED EXPANSION JOINT MATERIAL AND NON SAG SEALANT AROUND CORNERS.

SLAB CONTROL JOINT DETAIL

C



A. SEE PLAN OR SCHEDULE FOR COLUMN AND BASE PLATE SIZES.

B. BURN OFF TOPS OF BOLTS FOR 1" MINIMUM CONCRETE COVER.

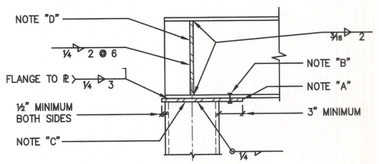
C. MILL BOTTOM OF ALL COLUMNS AND FINISH BEARING PLATE PER A.I.S.C. SECTION 1.21.3.

D. ½"± SAND CEMENT GROUT

E. 4 – ¾"ø ANCHOR BOLTS

TYP. ROUND OR TUBE COLUMN BASE

D



A. ⅝" THICK CAP ℄ BY SIZE AS REQUIRED TO RECEIVE BOLTS.

B. 2 – ¾"ø A-325 H.S. BOLTS (ONE NEAR SIDE AND ONE FAR SIDE)

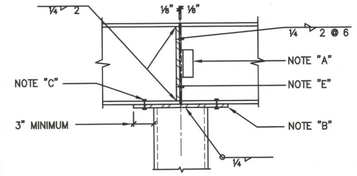
C. MILL TOP OF COLUMN TO RECEIVE ℄ (TYPICAL).

D. 1/4" STIFFENER ℄ IN BEAM (BOTH SIDES) AT COLUMN ℄.

ONE BEAM BEARING ON TUBE OR ROUND COLUMN

E

B-2-7



A. CONTRACTOR TO FURNISH CLIPS, PLATES, ETC. AS REQUIRED TO KEEP WEBS IN ALIGNMENT.

B. 5/8" THICK CAP ℄; SIZE AS REQUIRED TO RECEIVE BOLTS.

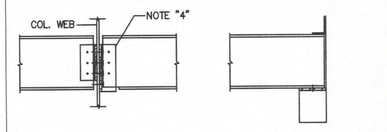
C. 4 – ¾"ø A-325 H.S. BOLTS (TWO EACH BEAM)

D. MILL TOP OF COLUMN TO RECEIVE ℄ (TYPICAL).

E. 1/4" STIFFENER ℄ IN BEAM (BOTH SIDES, END OF ONE BEAM ONLY)

TWO BEAMS BEARING ON TUBE OR ROUND COLUMN

F



1. ALL CONNECTIONS SHALL BE BOLTED OR WELDED, AND SHALL BE IN ACCORDANCE WITH TABLES IN CHAPTER'S 9 & 10 IN A.I.S.C. MANUAL 13TH EDITION.

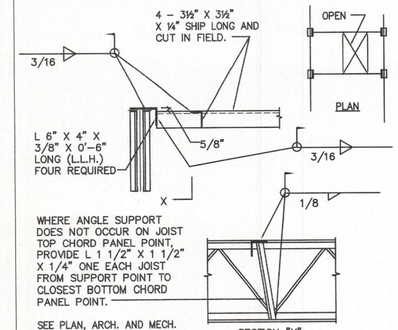
2. CONNECTION SHALL DEVELOP END REACTION FOR SPECIFIED SHAPE, SPAN AND STEEL GRADE AS COMPUTED FROM TABLES INDICATING ALLOWABLE UNIFORM LOADS IN KIPS FOR BEAMS LATERALLY SUPPORTED. A.I.S.C. MANUAL 13TH EDITION UNLESS OTHERWISE NOTED THUS [K/X] IN PLAN.

3. ALL BOLTS USED FOR FINAL CONNECTIONS SHALL BE MINIMUM A-325 H.S BOLTS.

4. FOR DOUBLE CONNECTION ON EACH SIDE OF COLUMN WEB, MAKE ONE ANGLE LONGER AND ADD AN EXTRA BOLT FOR THE BEAM ERECTED FIRST OR PROVIDE A SEAT ANGLE FOR ERECTION TO COMPLY W/OSHA REQUIREMENTS.

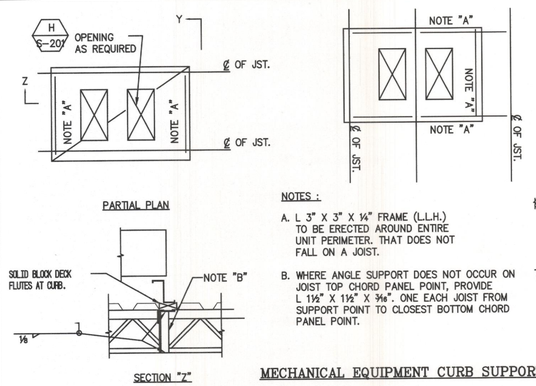
TYPICAL BEAM SHEAR CONNECTION

G



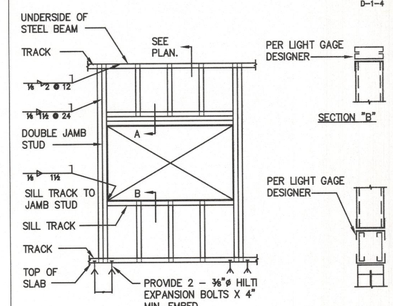
TYPICAL ROOF OPENING DETAIL

H



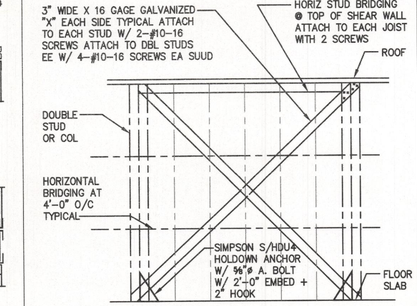
MECHANICAL EQUIPMENT CURB SUPPORT

J



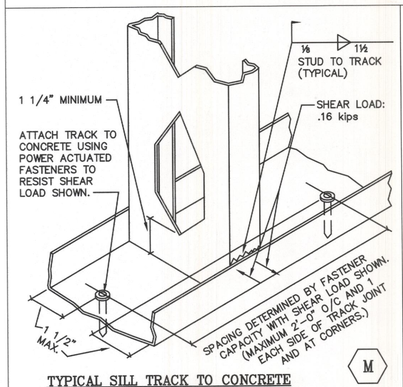
METAL STUD OPENINGS

K



ELEVATION METAL STUD WALL "X" BRACING

H



TYPICAL SILL TRACK TO CONCRETE

M

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Cromwell Business Park at BWI
Glen Burnie, Maryland 21061
L2M@L2M.com
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S&A JOB NO. 16711

I certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland License# 200363 Expires: 19 March 2018.

DASH IN

STORE #079
QUARTERFIELD RD - SEVERN, MD

REV. #	ISSUE / DESCRIPTION	DATE

SHEET TITLE:
DETAILS

DRAWING DATE:
01 APRIL 2017

DRAWN BY:	REVIEWED BY:
DLP	WES

PROJECT #
16711

SHEET #
S-201

FILE NAME:
16711 - S-201 .dwg