

ZONOLITE INSULATED CONCRETE (F'c = 500 psi MIN.) WITH KEY MESH O/ INSULPERM INSULATING BOARD O/ ZONOLITE O/ 2" METAL DECK VERCO VERCOR VENTLOK GALV. 20 GAUGE

FOR ROOF COVERING - SEE ROOF PLAN

1" MIN. ZONOLITE O/ DECK

W - BEAM PER DRWG'S

W-COLUMN SEE PLAN

BASE PLATE PER DET. U.N.O. (8)

1" DRYPACK OR NON-SHRINK GROUT

SEE FIN. PLAN FOR FIG. SIZE & REINF.

NOTE: THICKEN FOOTING AS REQ'D TO ACCOMMODATE ANCHOR BOLT EMBED

COLUMN SIZE	PLATE SIZE	DETAIL	WELD	ANCHOR BOLTS ~ x EMBED LENGTH
WBx35	1/2" x 10" #	A		4-1/2" x 10"
6" ~ STD	1/2" x 12" SQ.	B		4-1/2" x 10"
TS4x4x1/4	1/2" x 10" SQ.	C		4-1/2" x 10"

PIPE COLUMN SEE PLAN

BASE PLATE PER DET. U.N.O. (8)

1" DRYPACK OR NON-SHRINK GROUT

SEE FIN. PLAN FOR FIG. SIZE & REINF.

NORMAL CONCRETE (F'c = 3500psi) WITH 6x6 - W1.4W1.4 W.W.F. OVER 2" METAL DECK VERCO TYPE B FORMLOK 20 GAUGE TOTAL THICK 5".

FOR FLOOR COVERING - SEE ARCH'L DRG.

W - BEAM / PURLIN STRUCTURAL DRWG'S

DECKS WHERE OCCURS

METAL DECK

STRUT OR PERIM. BM.

1/2" LAP MIN.

1" ~ PUDDLE WELD @ EA. FLUTE @ EA. SUPPORT W/ #14 WELD WASHER

SUPPORT

WELDING @ SUPPORT

#14 WELD WASHER @ EA. WELD @ (VERCOR DECK ONLY)

DECKS WHERE OCCURS

METAL DECK

STRUT OR PERIM. BM.

CHANNEL SIZE AS REQUIRED BY SPAN.

DUCT.

HANGER WIRE.

SUSPENDED CEILING.

4"x20 GA STEEL STUDS @ 16" O.C.

FLASHING

4 E.S.

4#12

W BEAM

1" BENT PLATE CONT.

14 GA. CEILING WIRES @ 4"-0" O.C. E.W.

16" SQ. CLG. TILES

CEILING CHAM

CURTAIN GLASS FRAMING

2" STUD BRACE @ 16" O.C.

TRACK

W - BEAM TO PIPE COLUMN

CONNECTION SCHEDULE

MEMBER (DEPTH)	OF BOLTS	CONN. PL. TYP.	WELD SIZE 'A'
< 8"	2	3"	1"
8"-10"	2	3"	1"
12"-14"	3	3"	1"

NOTES

1. CONNECTED SIZE SHALL BE AS SHOWN UNLESS A GREATER SIZE IS REQUIRED BY A.I.S.C. TABLE 1.17.2A

2. ALL BOLTS ARE 1" UNLESS NOTED OTHERWISE AND ARE TO BE A325 BOLTS.

3. DOUBLE ANGLES MAY BE SUBSTITUTED FOR CONNECTOR PLATES, PROVIDED THEY MEET OR EXCEED THE REQUIREMENTS OF THE AISC.

3/16" GROUND SMOOTH

2 1/2" PIPE RAIL SCH. 40

2" DIA STEEL POST @ 4'-0" O.C. SCH. 80

1/2" DIA STEEL TUBE @ 4" O.C.

1/4" GROUND SMOOTH

8'-5" W/10x49

2" STEEL STUD @ 16" O.C.

2"x20GA METAL DECK

1/2" GYP BOARD CEILING

1/4"

2" STEEL STUDS @ 16" O.C.

W BEAM

W10x22

1" STIFF. PL. EA. SIDE

3/16" SKE

11"

CONN. PL. & NO. OF BOLTS PER DETAIL (20)

WBX35

CAP. PL. 1/2" x 8" x 14'-0" LONG W/ 4-1/2" ~ BOLTS

4"x20 GA STEEL STUDS @ 16" O.C.

FLASHING

3 E.S.

4#12

1" BENT PLATE

W10x22

3 E.S.

3 E.S.

L3x3x1/4x6" LONG TAB

2' - 2 SIDES EA.

2' - 4 SIDES EA.

WBX35 COLUMN

STUD BRACE @ 16" O.C.

W/4-10D SCREWS

CURTAIN WALL

W - PURLIN TO W - BEAM

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STEEL STUD TYP.

NOTE: PROVIDE BRIDGING @ 48" O.C. (V)

TOP TRACK

DBL. JAMB STUD TYP.

CRIPPLE STUD ABOVE

TRACK SECTION

TRACK CONT. TOP&BOTTOM

(2) TRACK SECTIONS

A JAMB STUD DETAIL

C LINTEL SECTION

TRACK SECTION

B JAMB STUD DETAIL

(2) TRACK SECTIONS

4'-0" MAX

12'-0" MAX

DBL. JAMB STUD TYP.

DBL. JAMB STUD TYP.

ALL INTERIOR STUDS SHOULD BE 3-5/8"x24 GA. ALL EXTR. STUDS SHOULD BE 4"x20 GA

BRIDGING @ OPNGS. GREATER THAN 6" AND @ ALL DOOR OPNGS.

L6x4x1/2 x 6 LG.

L 6x4x1/2

3 SKE

3/16"

W BEAM

L6x6x1/2x7" LONG B/S

STEEL BEAM

A-325 BOLT

(4) 1" ALL THREAD BOLTS EPOXY w/ SIMPSON SEL x 6" EMBEDMENT

1 1/2" x 20 GA METAL DECK

INSULATING CONCRETE

2" INSULATION

NEW/EXIST. BLOCK WALL

EXISTING 5" CONCRETE

#5 REBAR EPOXY INTO SLAB 5" EMBEDMENT

L-6"x4"x8" (LLV) CONTINUOUS W/ 3/4" ~ AB. @ 16" O.C. @ NEW WALL) W/ 3/4" ~ EPOXY AB @ 16" O.C. @ EXIST. WALL)

4"x20 GA STEEL STUDS @ 16" O.C.

FLASHING

4 E.S.

4#12

1" BENT PLATE CONT.

W BEAM

14 GA. CEILING WIRES @ 4"-0" O.C. E.W.

16" SQ. CLG. TILES

CEILING CHAM

2" STUD BRACE @ 16" O.C.

2" STUD BRACE @ BEAMS

TRACK

AS SHOWN