

ROOF DECK FASTENER SCHEDULE

(*) DECK TO CONTINUOUS STEEL MEMBER CONNECTOR TYPE (367 PATTERN)	(*) SIDE LAP CONNECTOR SPACING	SUITABLE BASE MATERIAL THICKNESS RANGE (IN)
5/8" VISIBLE DIAMETER PUDDLE WELDS #12-14 SELF DRILLING SCREWS	(2) AT (3) EQUAL SPACES	(1) AT (2) EQUAL SPACES 1/8 TO 3/16 INCLUSIVE
#12-24 SELF DRILLING SCREWS	(2) AT (3) EQUAL SPACES	(1) AT (2) EQUAL SPACES 3/16 TO 1/4 INCLUSIVE
#12-24 SIMPSON STRONG IRON POWDER ACTUATED HLT1 X-HSN-24	(2) AT (3) EQUAL SPACES	(1) AT (2) EQUAL SPACES 1/8 TO 3/8 INCLUSIVE
POWDER ACTUATED HLT1 X-ENP-19	(3) AT (4) EQUAL SPACES	(1) AT (2) EQUAL SPACES THICKER THAN 1/4"
AIR ACTUATED PNEUTEK SOK-81975	(3) AT (4) EQUAL SPACES	(1) AT (2) EQUAL SPACES 1/8 THICKNESS
AIR ACTUATED PNEUTEK SOK-82078	(3) AT (4) EQUAL SPACES	(1) AT (2) EQUAL SPACES 1/8 TO 1/4 INCLUSIVE
AIR ACTUATED PNEUTEK K-86662	(2) AT (3) EQUAL SPACES	(1) AT (2) EQUAL SPACES THICKER THAN 9/32"

NOTES:
 1. ZONE 1 FASTENER SPACING SHALL BE USED FOR ALL LOCATIONS WHERE ZONE 2 IS NOT SPECIFICALLY NOTED.
 2. ALL SIDE LAP SCREWS SHALL BE #10-18 SELF-DRILLING SCREWS AT EQUAL SPACES.

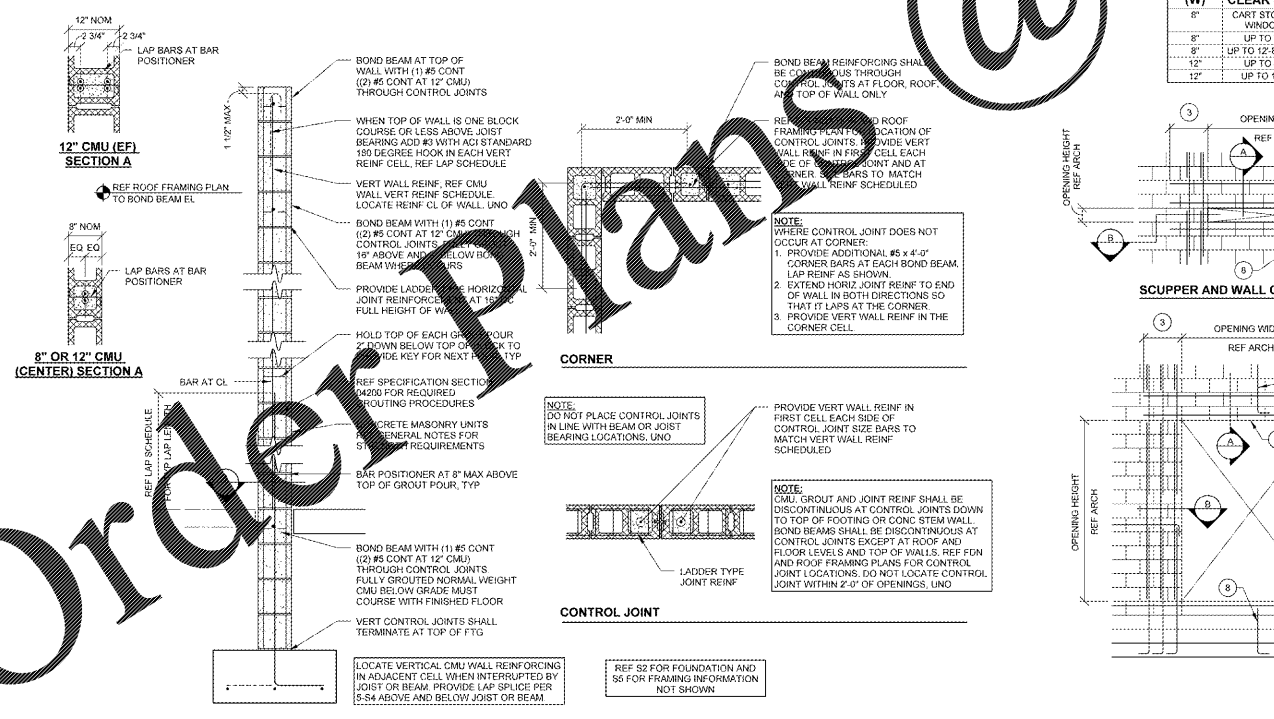
9 ROOF DIAPHRAGM CONNECTION DIAGRAM AND SCHEDULE

CMU WALL VERTICAL REINFORCEMENT SCHEDULE

WALL LOCATION	MARK	SIZE	VERTICAL REINFORCEMENT (1)
CART STORAGE WALLS	A	8"	#6 DOWELS AT 48" OC AND #5 VERT AT 48" OC
MAIN BUILDING FRONT WALLS (UNO)	B	8"	#6 DOWELS AT 24" OC AND #5 VERT AT 24" OC
MAIN BUILDING FRONT WALL (12" CMU)	D	12"	(2) #6 DOWELS AT 40" OC AND (2) #5 VERT AT 40" OC
MAIN BUILDING SIDE WALLS (UNO)	C	8"	#6 DOWELS AT 40" OC AND #5 VERT AT 40" OC
MAIN BUILDING SIDE WALLS (GRID 1: 8" CMU)	B	8"	#6 DOWELS AT 24" OC AND #5 VERT AT 24" OC
MAIN BUILDING SIDE WALL (12" CMU)	E	8"	(2) #6 DOWELS AT 40" OC AND (2) #5 VERT AT 40" OC
MAIN BUILDING REAR WALLS (UNO)	H	8"	#6 DOWELS AT 48" OC AND #5 VERT AT 48" OC
MAIN BUILDING REAR WALLS (CORNER AT 11:)	C	8"	#6 DOWELS AT 32" OC AND #5 VERT AT 32" OC
DOCK SIDE WALLS	F	12"	#6 DOWELS AT 48" OC AND #5 VERT AT 48" OC; GROUT WALLS SOLID FULL HEIGHT
DOCK REAR WALL	E	8"	#6 DOWELS AT 48" OC AND #5 VERT AT 48" OC
GARDEN CENTER REAR WALL	E	8"	#6 DOWELS AT 48" OC AND #5 VERT AT 48" OC
AUTO CENTER REAR WALL (UNO)	G	8"	#6 DOWELS AT 40" OC AND #5 VERT AT 40" OC; GROUT WALL SOLID FULL HEIGHT AT OVERHEAD DOOR OPENINGS
AUTO CENTER WALLS (12" CMU)	H	8"	(2) #6 DOWELS AT 40" OC AND (2) #5 VERT AT 40" OC

NOTES:
 1. WHEN (2) DOWELS AND (2) VERTICALS ARE LISTED THERE SHALL BE ONE BAR LOCATED AT 8".

6 CMU WALL VERTICAL REINFORCEMENT SCHEDULE

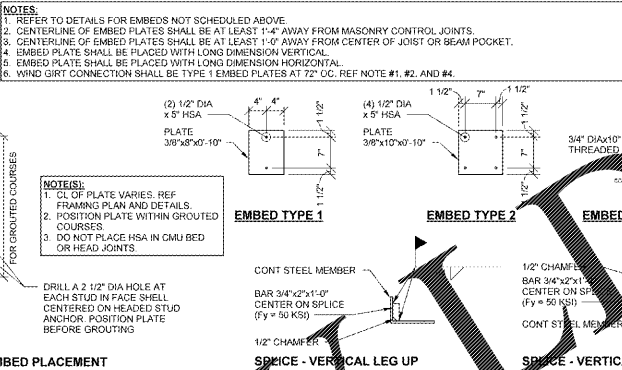


3 CMU WALL REINFORCING DIAGRAM

WALL EMBED SCHEDULE

LOCATION	TYPE	SPACING	CONTINUOUS STEEL MEMBER SIZE	NOTES
FRONT WALL AT GRID B	2	48"	L4X4X1/4	1,2
FRONT WALL AT GRID B.6	2	48"	L4X4X1/4	1,2
SIDE WALL AT GRID 1	2	48"	L5X3X1/4 (LLH)	1,2,3
SIDE WALL AT GRID 9.7	2	48"	L5X3X1/4 (LLH)	1,2,3
SIDE WALL AT GRID 10	2	48"	L5X3X1/4 (LLH)	1,2,3
SIDE WALL AT GRID 12 (UNO)	2	48"	L5X3X1/4 (LLH)	1,2,3
REAR WALL AT GRID 1	1	48"	L5X5X1/8	1,2,5
REAR WALL AT GRID G.9	2	48"	L4X4X1/4	1,2
REAR WALLS AT GRID J	2	48"	L4X4X1/4	1,2
DOCK SIDE WALLS AT GRID 4 & 7	2	24"	L4X4X1/4 (LLH)	1,2
DOCK REAR WALL AT GRID K	2	48"	L4X4X1/4	1,2
CART STORAGE FRONT AND REAR WALL	1	48"	L3X3X1/4	1,2,3,4
CART STORAGE SIDE WALL	2	48"	L4X4X1/4	1,2
VESTIBULE REAR WALL AT GRID 1 (ROLLED TO RADIUS)	2	48"	L5X3X1/4 (LLH)	1,2,4
AUTOMOTIVE FRONT WALL AT GRID 1	1	48"	L5X5X1/8	1,2,5
AUTOMOTIVE SIDE WALL GRID 11.2	2	48"	L5X3X1/4 (LLH)	1,2,3
AUTOMOTIVE SIDE WALL AT GRID 11.8	2	48"	L5X3X1/4 (LLH)	1,2,3
AUTOMOTIVE REAR WALL AT GRID H.8	2	48"	L4X4X1/4	1,2
AUTOMOTIVE WALKWAY CANOPY	3	24"	L6X4X5/16 (LLV)	1
ENVIRONMENTAL STORAGE CANOPY EXPANSION JOINT AT GRID 6	0	0"	L3X3X1/4	1

NOTES:
 1. REFER TO DETAILS FOR EMBEDS NOT SCHEDULED ABOVE.
 2. CENTERLINE OF EMBED PLATES SHALL BE AT LEAST 1'-4" AWAY FROM MASONRY CONTROL JOINTS.
 3. CENTERLINE OF EMBED PLATES SHALL BE AT LEAST 1'-0" AWAY FROM JOIST OR BEAM POCKET.
 4. EMBED PLATE SHALL BE PLACED WITH LONG DIMENSION VERTICAL.
 5. EMBED PLATE SHALL BE PLACED WITH LONG DIMENSION HORIZONTAL.
 6. WIND GIRT CONNECTION SHALL BE TYPE 1 EMBED PLATES AT 72" OC. REF NOTE #1, #2, AND #4.



8 WALL EMBED SCHEDULE AND DETAILS

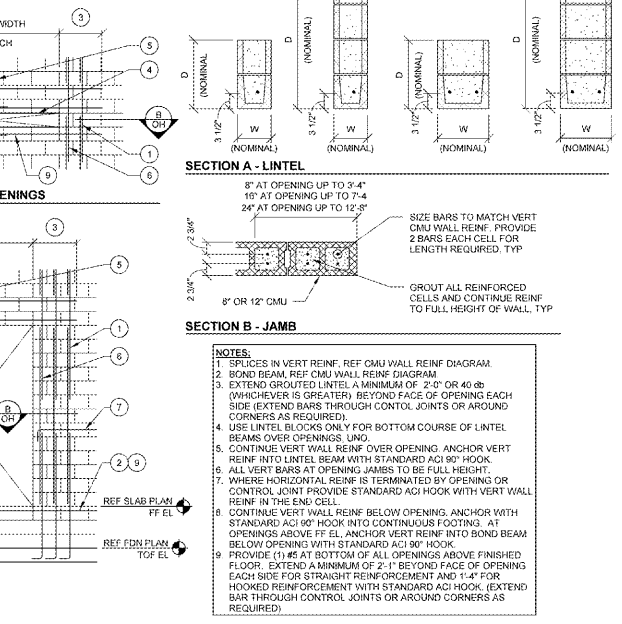
STEEL REIN LAP SCHEDULE

BAR SIZE	LAP SPICE (CLASS B) (IN)		CMU LAP SPICE (IN)	
	OTHER	TOP	OTHER	TOP
3	16	16	16	16
4	16	16	16	16
5	16	16	16	16
6	16	16	16	16
7	16	16	16	16
8	16	16	16	16
9	16	16	16	16
10	16	16	16	16
11	16	16	16	16
12	16	16	16	16

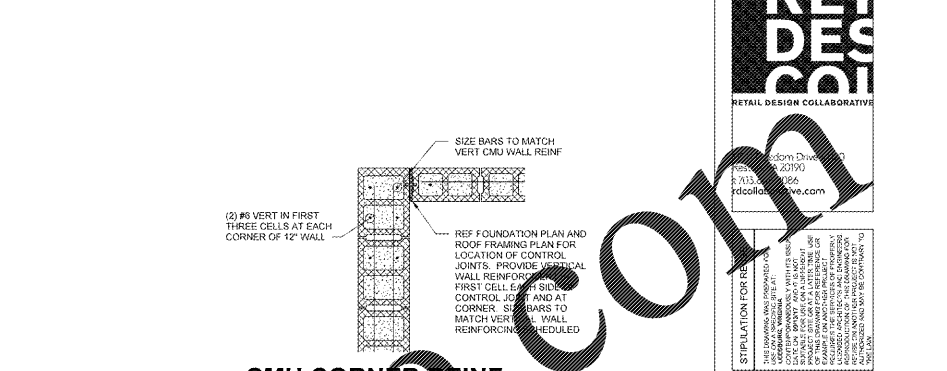
REINFORCING LAP SCHEDULE

CMU LINTEL SCHEDULE

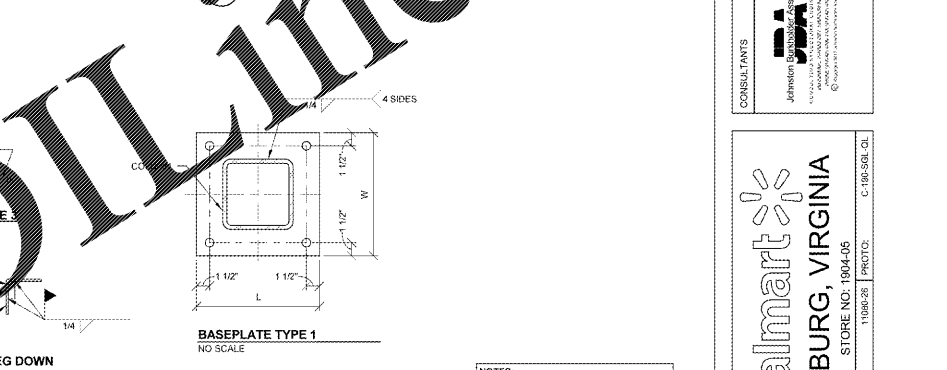
WIDTH (W)	CLEAR SPAN	DEPTH (D)	LINTEL REINFORCEMENT
8"	CART STORAGE WINDOWS	2'-0"	(1) #6 BOTTOM
8"	UP TO 7'-4"	1'-4"	(1) #6 BOTTOM
8"	UP TO 12'-8" (UNO)	2'-8"	(1) #5 T&B
12"	UP TO 4'-0"	1'-4"	(2) #6 BOTTOM
12"	UP TO 12'-8"	2'-8"	(2) #5 T&B



2 TYPICAL MASONRY WALL OPENING DIAGRAM AND SCHEDULE



7 CMU CORNER REIN DIAGRAM AT DOCK WALLS



4 BASEPLATE AND ANCHOR BOLT DIAGRAMS

COLUMN SCHEDULE

MARK	SIZE	BASEPLATE	COL BRG EL
C1	HSS8X8X1/8	BASEPLATE: BP1	98'-8"
C1A	HSS8X8X3/8	BASEPLATE: BP1	98'-8"
C1B	HSS8X8X1/2	BASEPLATE: BP1	98'-8"
C2	HSS8X8X5/8	BASEPLATE: BP1	98'-8"
C2A	HSS8X8X3/8	BASEPLATE: BP2	98'-8"
C3	HSS8X8X1/4	BASEPLATE: BP2	98'-8"
C4	HSS12X8X1/4	BASEPLATE: BP4	98'-8"
C5	HSS8X8X1/8	BASEPLATE: BP1	98'-8"
YC1	HSS4X4X1/4	BASEPLATE: BP3	98'-8"
TC2	HSS8X8X1/4	BASEPLATE: BP2	98'-8"

WALL FOOTING SCHEDULE

MARK	WIDTH	THICKNESS	REIN (LONG)	REIN (TRANS)	REIN LOCATION	NOTES
WF1	2'-0"	1'-3"	(3) #5 CONT	(3) #5 CONT	BOT	
WF2	2'-0"	1'-3"	(3) #5 CONT	(3) #5 CONT	BOT	
WF1A	2'-0"	1'-3"	(3) #5 CONT	(3) #5 CONT	BOT	
WF2	5'-0"	1'-3"	(6) #5 CONT	#5 AT 12"	T&B	1
GWF1	3'-0"	1'-3"	(3) #5 CONT	#5 AT 12"	T&B	1

1 COLUMN AND FOOTING SCHEDULES

SPREAD FOOTING SCHEDULE

MARK	WIDTH	LENGTH	THICKNESS	REIN (TRANS)	REIN (LONG)	REIN LOCATION	NOTES
F1	5'-0"	5'-0"	1'-5"	(11) #5	(11) #5	T&B	1,2,3
F1A	5'-0"	5'-0"	1'-9"	(14) #5	(14) #5	T&B	1,2,3
F1B	10'-0"	10'-0"	1'-9"	(16) #5	(16) #5	T&B	1,2,3
F2	7'-0"	7'-0"	1'-3"	(8) #5	(8) #5	BOT	2
F3	4'-0"	4'-0"	1'-3"	(5) #5	(5) #5	BOT	2
F4	4'-0"	4'-0"	1'-3"	(5) #5	(5) #5	BOT	2
F5	4'-0"	4'-0"	1'-3"	(5) #5	(5) #5	T&B	1,2
F6	3'-0"	3'-0"	1'-3"	(4) #5	(4) #5	T&B	1,2
F8A	8'-0"	3'-0"	1'-3"	(9) #5	(4) #5	T&B	1,2
GF1	6'-0"	4'-0"	1'-3"	(5) #5	(5) #5	T&B	1
GF2	6'-0"	6'-0"	1'-3"	(7) #5	(7) #5	T&B	1
GF3	10'-0"	10'-0"	1'-3"	(11) #5	(11) #5	T&B	1
GF4	7'-0"	10'-0"	1'-3"	(11) #5	(8) #5	T&B	1

SCHEDULE NOTES:
 1. T&B DENOTES TOP AND BOTTOM.
 2. REF 1-52.1 FOR PEDESTAL WHERE APPLICABLE TO PEDESTAL EL = 98'-8" UNO.
 3. TDC = TOP OF EL FOR ALL INTERIOR COLUMNS. REF FDN PLAN FOR TOP ELEVATIONS.

1 COLUMN AND FOOTING SCHEDULES

REDESIGN
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GENERAL SCHEDULES AND DIAGRAMS

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