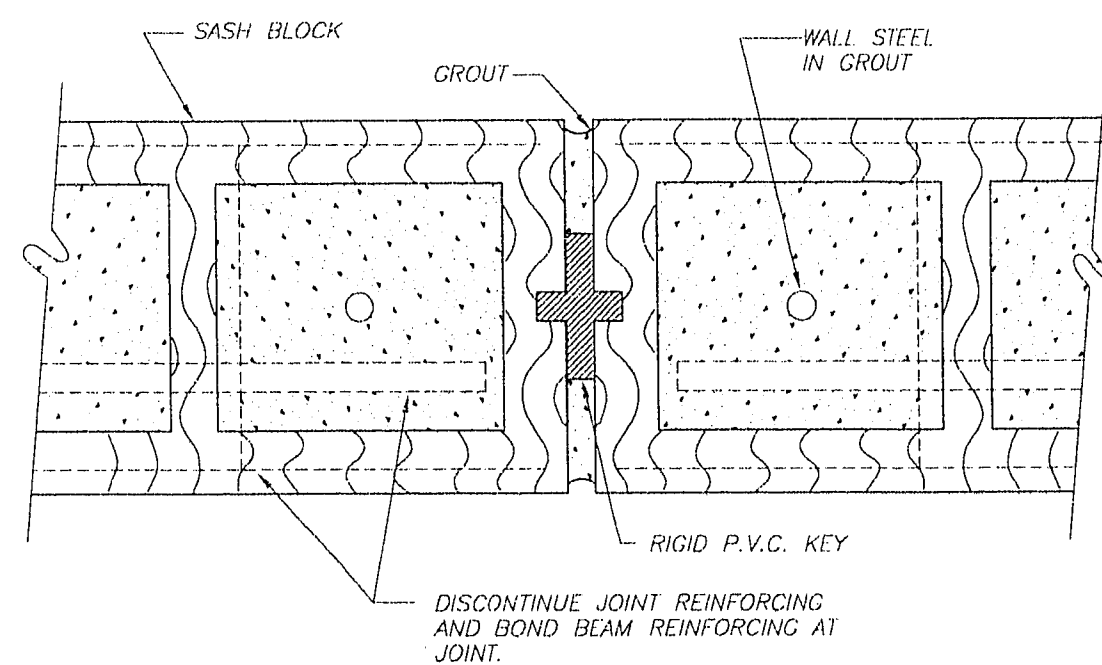




OPTIONAL

6
34

7
34

BATTER WALLS
1/4" PER FT
OF HEIGHT

1.5" CAP
W/OPTION 7

1 #4 CONT.

1/2" MIN.

GRADE

2 1/2"

"X" BARS

ASPHALT EMULSION WATERPROOFING
2 COATS MINIMUM

1 #4 CONT.

2 1/2"

48 BAR Ø
LAP

6"

"H1"

8" CMU

"H2"

12" CMU

"H3"

12" CMU W/ 6x8x16 CMU
PERPENDICULAR TO MATCH
SPACING OF "S" BARS

EXTRA #3
@ TOP

"Y" BARS

#3 @ 16"

2 1/2"

"S" BARS

OMIT MORTAR
IN HEAD JOINTS
@ FIRST COURSE

"L"

#4 @ 16"
CONT.

2"

"Z" BARS

5"x3 1/2" CONT.
KEY

3"

COMPACT SOIL
UNDER WALL TO
90% OF STANDARD
PROCTOR DENSITY

"W"

"Y" BARS

"S" BARS

6x8x16 CMU
PLACED PERPENDICULAR
TO 12" CMU WALL

#3 @ 16"
CONT.

12" CMU

"S" BARS
SEE TABLE

H
2'-0"
3'-6"
4'-6"
5'-0"
5'-6"
6'-0"
6'-6"
7'-0"
7'-6"
8'-0"
9'-6"
10'-0"
10'-6"
11'-0"
12'-0"
13'-0"
14'-0"
15'-0"

(SEE TABLE)



SCALE: NONE

1. MASONRY UNITS SHALL BE ASTM C-90, GRADE N-1 HOLLOW CONCRETE UNITS.
2. MORTAR SHALL BE ASTM C270, TYPE "M" OR "S".
3. GROUT SHALL HAVE A MINIMUM STRENGTH OF 2000 PSI AT 28 DAYS USING TYPE V CEMENT PER ASTM C-150.
4. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 2500 PSI AT 28 DAYS USING TYPE V CEMENT PER ASTM C-150.
5. REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60.
6. UNLESS OTHERWISE NOTED, ALL MATERIALS SHALL CONFORM TO THE UNIFORM BUILDING CODE, LATEST EDITION, AND PER STANDARD SPECIFICATIONS FOR THE CITY OF LAS VEGAS, NEVADA.
7. SOLID GROUT ALL MASONRY UNITS THAT ARE BELOW THE HIGHEST FINISH GRADE AT THE WALL.
8. ALL WALLS ARE SUBJECT TO APPROVAL BY THE CITY OF LAS VEGAS, NEVADA BUILDING DEPARTMENT.
9. WALLS SHALL BE STEPPED ONLY AS SHOWN ON THE PLANS.
10. ALL CORNERS OR ANGLES SHALL BE TIED TOGETHER WITH REINFORCING STEEL AND GROUTED SOLID.
11. HORIZONTAL JOINT REINFORCING SHALL BE 9-GA. LADDER TYPE WITH LAP SPACINGS OF 12" MINIMUM.
12. BOND BEAMS AND JOINT REINFORCING SHALL NOT BE CONTINUOUS THROUGH WALL CONSTRUCTION JOINTS.
13. BACKFILL BEHIND WALLS SHALL BE COMPACTED TO 90% OF STANDARD PROCTOR DENSITY.
14. WHERE VERTICAL GROUT LIFTS ARE NOT CONTINUOUS FOR THE ENTIRE HEIGHT OF THE WALL, TERMINATE LIFT 1" BELOW TOP OF TOP BLOCK TO FORM A KEY FOR FUTURE LIFTS.
15. WHERE H2 EXCEEDS 2'-6", "V" BARS MAY BE SPICED TO SEPARATE FOOTING DOWELS USING A 48 BAR DIAMETER LAP SPLICE.
16. WHERE H3 EXCEEDS 3'-6", "S" BARS MAY BE SPICED TO SEPARATE FOOTING DOWELS USING A 48 BAR DIAMETER LAP SPLICE.
17. LOCATE KEYED JOINT IN RETAINING WALL AT 24'-0" MAXIMUM.
18. SPECIAL INSPECTION PER UBC SECTION 306 SHALL BE PROVIDED.
19. IF ACTUAL HEIGHT OF WALL IS NOT LISTED IN TABLE BELOW, USE STEEL AND DIMENSIONS FOR NEXT HIGHEST WALL LISTED.

DIMENSIONS							"S"	"X"	"Y"	"Z"
H	H1	H2	H3	W	T	L	BARS	BARS	BARS	BARS
2'-0"	H	-	-	2'-0"	1'-0"	9"	-	#4 @ 48"	#4 @ 48"	#4 @ 24"
3'-6"	H	-	-	2'-2"	1'-0"	9"	-	#4 @ 48"	#4 @ 48"	#4 @ 24"
4'-6"	H	-	-	2'-10"	1'-0"	9"	-	#4 @ 24"	#4 @ 24"	#4 @ 24"
5'-0"	H	-	-	3'-4"	1'-0"	9"	-	#5 @ 24"	#5 @ 24"	#4 @ 16"
5'-6"	H	-	-	3'-6"	1'-0"	9"	-	#5 @ 24"	#5 @ 24"	#4 @ 16"
6'-0"	H	-	-	3'-8"	1'-0"	9"	-	#5 @ 24"	#5 @ 24"	#4 @ 16"
6'-6"	H	-	-	3'-10"	1'-0"	9"	-	#5 @ 16"	#5 @ 16"	#4 @ 16"
7'-0"	5'-0"	2'-0"	-	4'-2"	1'-0"	9"	-	#4 @ 16"	#4 @ 16"	#4 @ 16"
7'-6"	5'-6"	2'-0"	-	4'-6"	1'-0"	9"	-	#4 @ 16"	#4 @ 16"	#4 @ 16"
8'-0"	6'-0"	2'-0"	-	4'-8"	1'-0"	9"	-	#5 @ 16"	#5 @ 16"	#5 @ 16"
9'-6"	6'-6"	3'-0"	-	5'-6"	1'-3"	9"	-	#5 @ 16"	#6 @ 16"	#5 @ 16"
10'-0"	6'-6"	3'-6"	-	5'-10"	1'-3"	9"	-	#5 @ 16"	#6 @ 16"	#5 @ 16"
10'-6"	6'-6"	1'-0"	2'-6"	6'-0"	1'-3"	9"	#5 @ 32"	#5 @ 16"	#5 @ 16"	#5 @ 16"
11'-0"	6'-6"	2'-0"	2'-6"	6'-2"	1'-3"	1'-3"	#5 @ 16"	#5 @ 16"	#5 @ 16"	#5 @ 16"
12'-0"	6'-6"	3'-0"	2'-6"	6'-9"	1'-3"	1'-3"	#5 @ 16"	#5 @ 16"	#5 @ 16"	#5 @ 16"
13'-0"	6'-6"	3'-6"	3'-6"	7'-3"	1'-3"	1'-3"	#6 @ 16"	#5 @ 16"	#6 @ 16"	#6 @ 8"
14'-0"	6'-6"	3'-6"	4'-0"	8'-1"	1'-3"	1'-3"	#6 @ 16"	#5 @ 16"	#6 @ 16"	#6 @ 16"
15'-0"	6'-6"	3'-6"	5'-0"	9'-0"	1'-6"	1'-6"	#7 @ 16"	#5 @ 16"	#6 @ 16"	#6 @ 8"

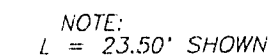
SCALE: NONE



SCALE: NONE



SECTION B
34



SCALE: 1/2" = 1'-0"