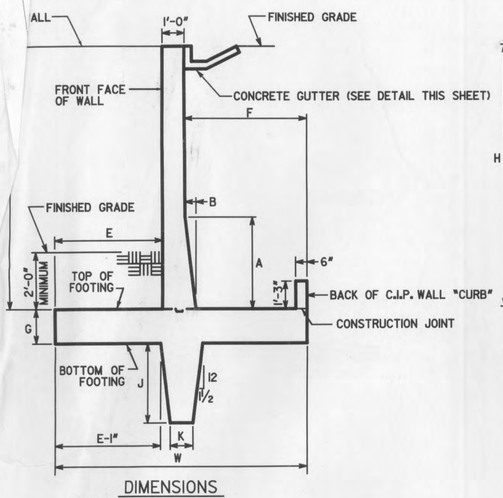
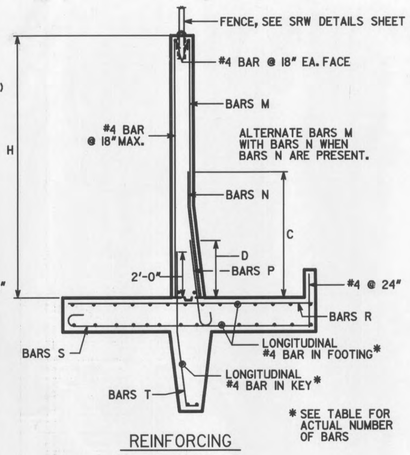


DIMENSIONS

FENCE NOT SHOWN
SEE SITE PLAN FOR LOCATION



REINFORCING

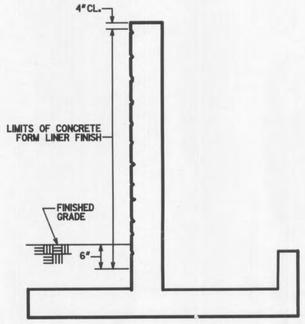
* SEE TABLE FOR ACTUAL NUMBER OF BARS

TABLE OF LETTERED DIMENSIONS AND REINFORCING DATA

LETTERED DIMENSIONS												REINFORCING DATA						NO. OF LONGITUDINAL #4 BARS			
																		FOOTING			
H	A	B	C	D	E	F	G	J	K	W	Δ **	M	N	P	R	S	T	TOP	BOTTOM	KEY	H
16.5'	8'-0"	1'-0"	8'-0"	4'-11"	4'-0"	7'-0"	1'-9"	3'-9"	2'-0"	12'-0"	3/4"	#7 @ 12"	#7 @ 12"	#7 @ 6"	#8 @ 12"	#6 @ 12"	#7 @ 12"	9	9	4	16.5'
SI6.5'	8'-0"	1'-0"	8'-0"	4'-11"	6'-6"	7'-0"	1'-9"	3'-9"	2'-0"	14'-6"	3/4"	#7 @ 12"	#7 @ 12"	#7 @ 6"	#8 @ 12"	#6 @ 12"	#7 @ 12"	11	11	4	SI6.5'
20.0'	8'-0"	1'-0"	8'-0"	4'-11"	6'-6"	7'-0"	2'-0"	4'-4"	2'-0"	14'-6"	1 1/4"	#8 @ 10"	#8 @ 10"	#8 @ 5"	#6 @ 6"	#6 @ 6"	#7 @ 12"	11	11	4	20.0'

NOTE: SEE SHEET RW-4 FOR CIP RETAINING WALL NOTES.

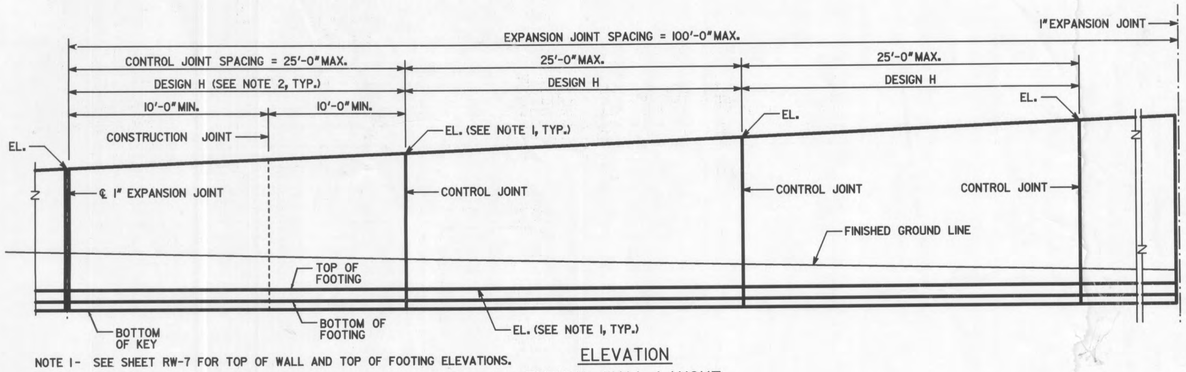
** FOR Δ, SEE WALL BATTER DETAIL.



CONCRETE FORM LINER DETAIL

NOT TO SCALE

NOTES:
1. MAXIMUM FORM LINER RELIEF IS 1".
2. DO NOT APPLY TO TOP OF WALL.
3. SEE GENERAL NOTES FOR SUBMITTAL INFO.
4. FENCE NOT SHOWN.

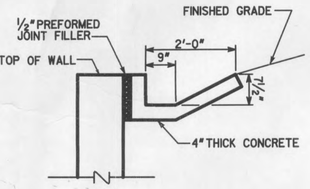


NOTE 1 - SEE SHEET RW-7 FOR TOP OF WALL AND TOP OF FOOTING ELEVATIONS.

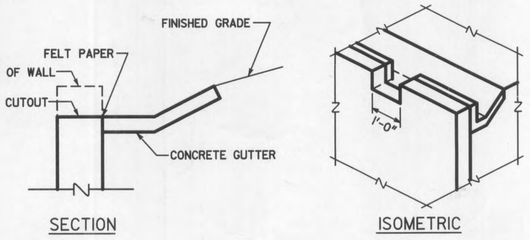
NOTE 2 - DESIGN H INDICATES THE APPROPRIATE LINE IN THE TABLE OF LETTERED DIMENSIONS AND REINFORCEMENT DATA TO USE FOR A GIVEN PORTION OF THE WALL.

ELEVATION

TYPICAL WALL LAYOUT



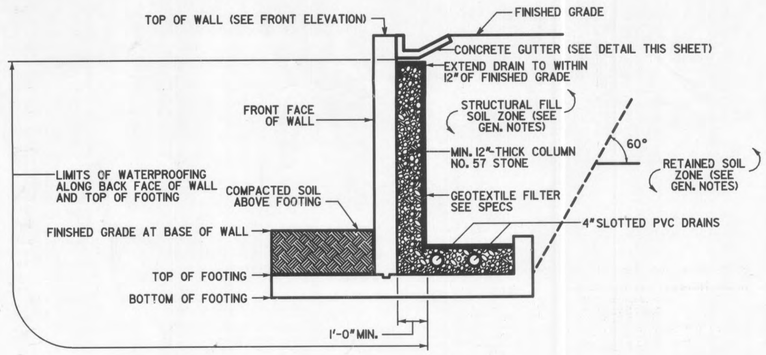
CONCRETE GUTTER DETAIL



SECTION

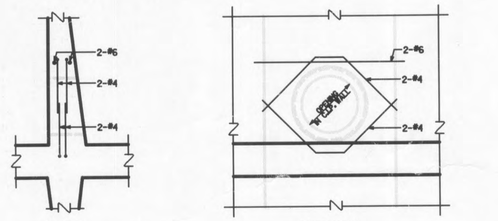
ISOMETRIC

CONCRETE GUTTER CUTOUT DETAIL



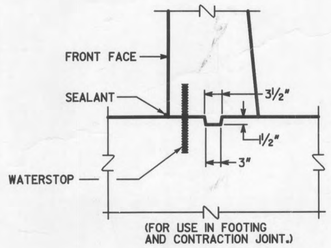
SECTION THRU WALL DRAINAGE SYSTEM

KEY NOT SHOWN, FENCE NOT SHOWN

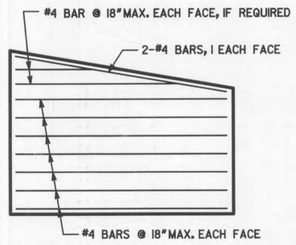


PIPE INVERT REINFORCEMENT DETAIL

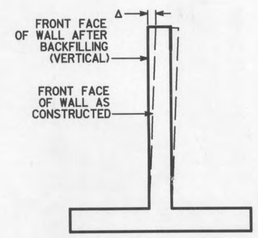
NOTES:
1. CLIP BARS P, N, T, AND TEMPERATURE STEEL TO AVOID HOLE.
2. MAINTAIN 2" CL. ON ALL REINFORCEMENT.
3. RUN ADDED BARS SHOWN ABOVE INSIDE OF BARS P, N, T, AND TEMPERATURE STEEL ON THE LEFT AND RIGHT OF THE HOLE.
4. GROUT IN BETWEEN PIPE AND C.I.P. WALL.



SHEAR KEY DETAIL

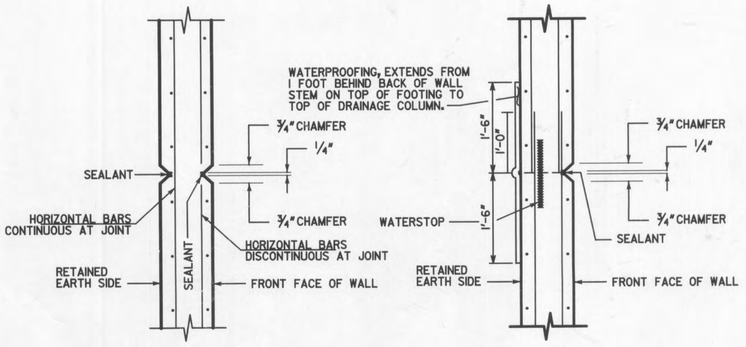


TYPICAL WALL PANEL REINFORCEMENT



WALL BATTER DETAIL

KEY NOT SHOWN

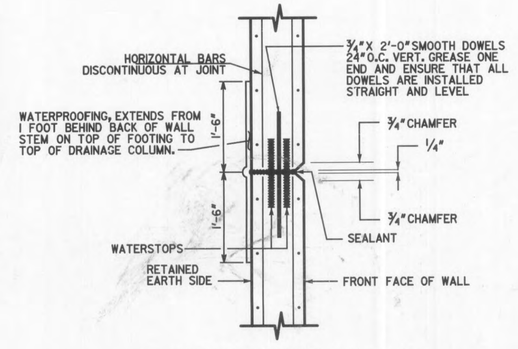


MAX SPACE BETWEEN CONTROL JOINTS IS 25'

CONTROL JOINT DETAIL

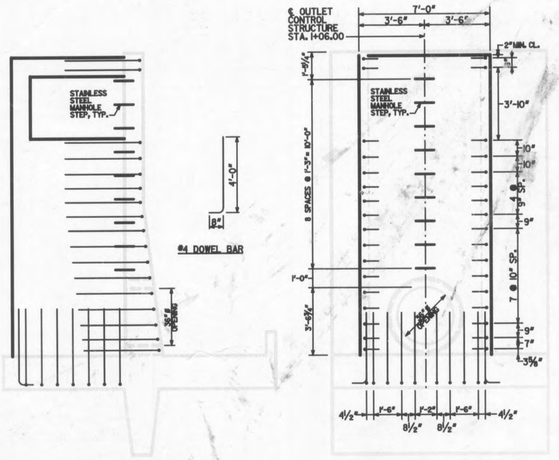
LOCATE MIN 10'-0" FROM CONTROL AND EXPANSION JOINT

CONSTRUCTION JOINT DETAIL



MAX SPACE BETWEEN EXPANSION JOINTS IS 100'

EXPANSION JOINT DETAIL



EMBED #4 DOWEL BARS IN CAST IN PLACE WALL AS SHOWN

SECTION ELEVATION

DOWEL BAR PLACEMENT DETAIL

SEE SHEET RW-7 FOR OUTLET CONTROL STRUCTURE AND WALL BACKFILL DRAINAGE DETAILS

NOT TO SCALE

"Little MO" says CALL BEFORE YOU DIG! 1-800-DIG-RITE

STATE OF MISSOURI
GREGORY CARL GRANT
NUMBER PE-2007007693
PROFESSIONAL ENGINEER
5/15/08

REVISIONS

BY	DESCRIPTION	DATE	BY	DESCRIPTION

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	NAME	DATE		NAME	DATE
DESIGNED BY	MKL	05/15/08	DRAWN BY	MKL	05/15/08
CHECKED BY	GCG	05/15/08	CHECKED BY	GCG	05/15/08

SUPERVISED BY GREG C. GRANT, P.E.

WAL-MART #2616-04
O'FALLON, MISSOURI
BY: WAL-MART STORES EAST, INC.
BENTONVILLE, AR. 72716

RETAINING WALL No. 2 (CIP) SECTIONS & DETAILS

DRAWING NUMBER RW-5