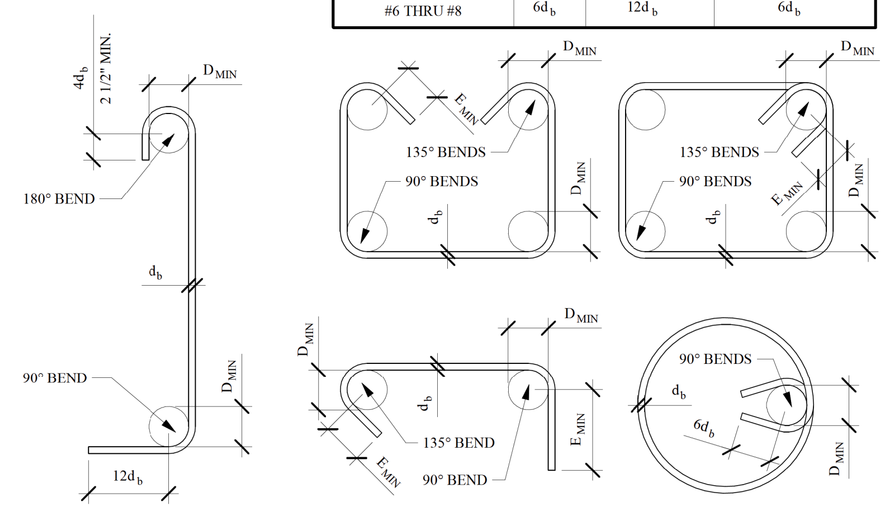
REINFORCING LAP SCHEDULE, l_d				
BAR SIZE	CONCRETE		MASONRY	
	TOP	OTHER	SINGLE BAR	DOUBLE BAR
3	1' -4"	1' -4"	1' -0"	1' -1"
4	1' -9"	1' -5"	1' -3"	2' -0"
5	2' -2"	1' -9"	1' -11"	3' -3"
6	2' -8"	2' -1"	3' -7"	6' -2"
7	3' -10"	3' -0"	5' -0"	8' -8"
8	4' -3"	3' -5"	7' -8"	13' -6"
9	4' -11"	3' -10"	9' -10"	17' -7"
10	5' -5"	4' -3"	12' -5"	22' -6"
11	6' -0"	4' -7"	15' -3"	28' -3"
14	7' -7"	5' -11"	N/A	N/A
18	9' -8"	7' -6"	N/A	N/A

NOTES:
1. CONCRETE LAP LENGTHS BASED ON f'_c = 3,500 psi.
2. CONCRETE "TOP" LAP LENGTHS SHALL BE USED WHERE HORIZONTAL REINFORCEMENT IS PLACED SUCH THAT MORE THAN 12" OF FRESH CONCRETE IS CAST BELOW.
3. MASONRY LAP LENGTHS BASED ON f'_m = 1,500 psi.
4. MASONRY "SINGLE BAR" LAP LENGTHS BASED ON BARS CENTERED WALL.
5. MASONRY "DOUBLE BAR" LAP LENGTHS BASED ON BARS OCCURING AT EACH FACE OF WALL.
6. ALL SPLICES/LAPS CAN BE MADE WITH BAR-LOCK COUPLERS AS AN OPTION TO THE CONTRACTOR FOLLOWING SUBMITTAL TO THE EOR AND APPROVAL.

1 LAP SPLICE LENGTH SCHEDULE
1" = 1'-0"

STANDARD HOOKS MINIMUM BEND DIAMETER SCHEDULE	
BAR SIZE	D_{MIN}
#3 THRU #8	$6d_b$

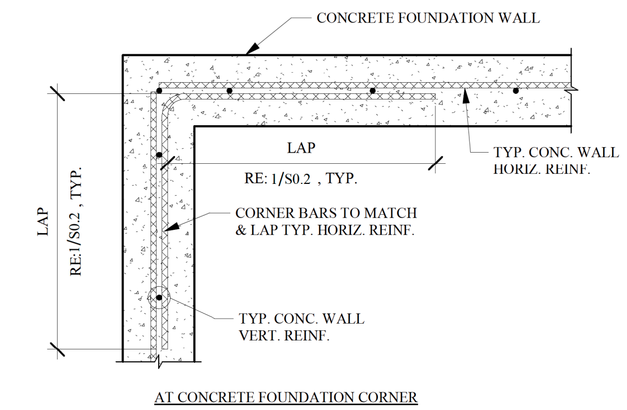
STIRRUP/TIE HOOKS MINIMUM BEND DIAMETER AND EXTENSION SCHEDULE			
BAR SIZE	D_{MIN}	E_{MIN}	
		90° BENDS	135° BENDS
#3 THRU #5	$4d_b$	$6d_b$	$6d_b$ (3" MIN.)
#6 THRU #8	$6d_b$	$12d_b$	$6d_b$



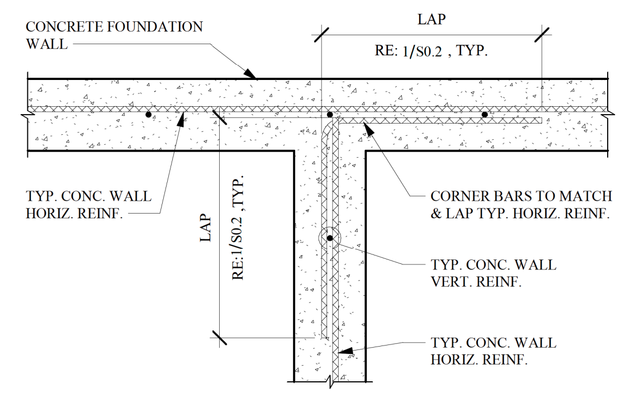
STANDARD HOOKS

STIRRUP/TIE HOOKS

2 REINFORCEMENT DETAILS
3/4" = 1'-0"

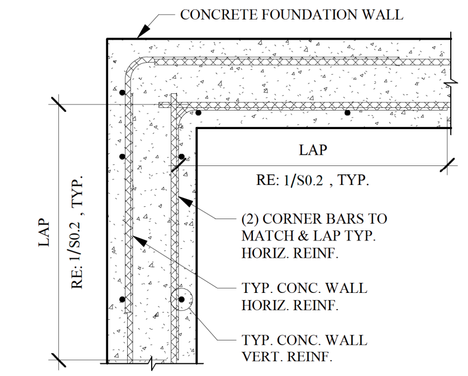


AT CONCRETE FOUNDATION CORNER

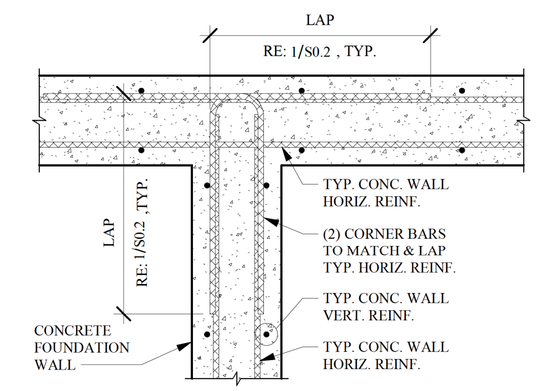


AT CONCRETE FOUNDATION TEE

3 CONCRETE CORNER AND TEE
1" = 1'-0"

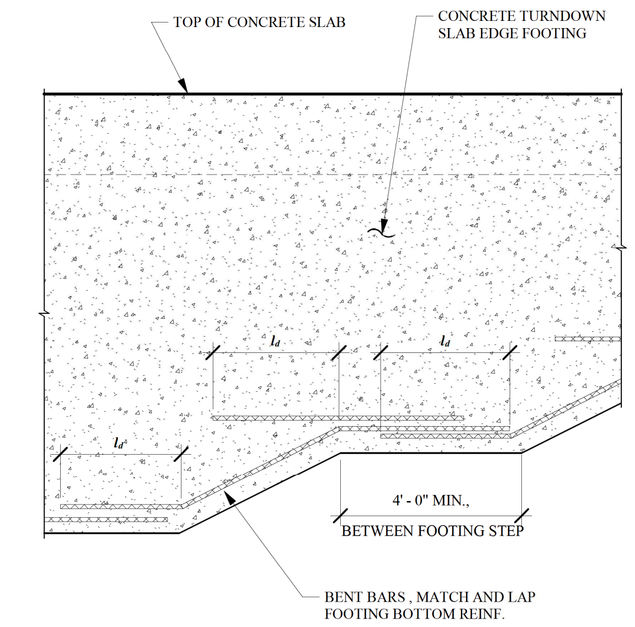


DOUBLE MAT REINFORCEMENT AT CONCRETE FOUNDATION CORNER



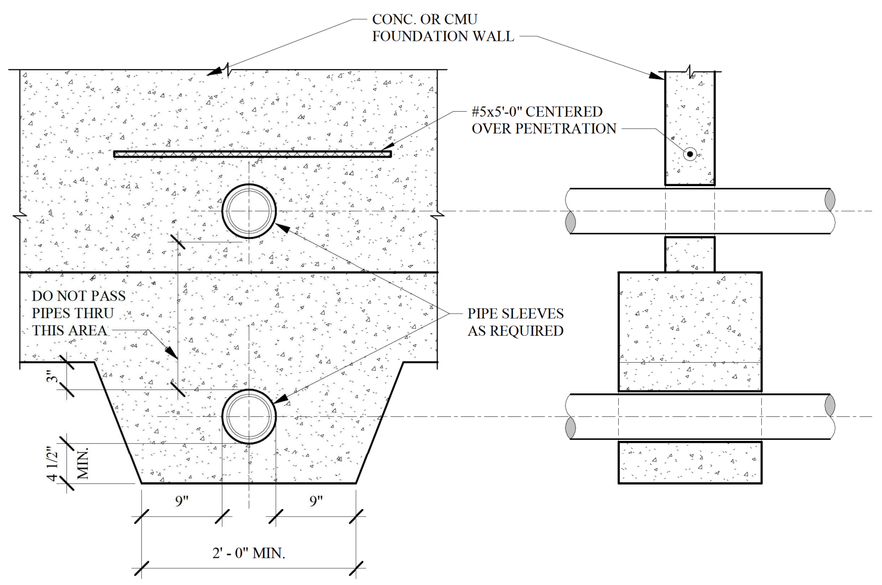
DOUBLE MAT REINFORCEMENT AT CONCRETE FOUNDATION TEE

4 CONCRETE CORNER AND TEE
1" = 1'-0"

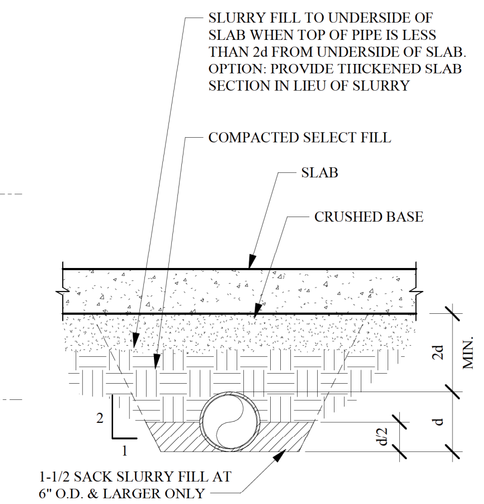


5 TURNDOWN SLAB FOOTING STEP
3/4" = 1'-0"

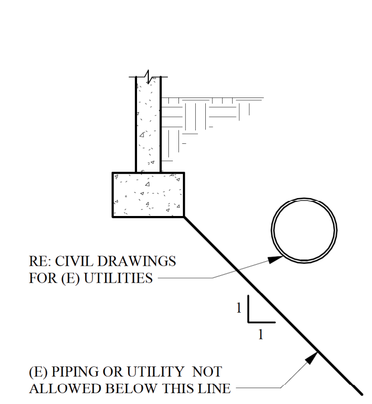
NOTES:
1. CONTRACTOR SHALL LOCATE BOTTOM OF EXCAVATION TO AVOID SURCHARGE ON UTILITIES AND OTHER FOUNDATIONS.
2. CONTRACTOR SHALL COORDINATE ALL EXCAVATIONS WITH FOUNDATION REQUIREMENTS.
3. STEP FOUNDATION AS REQUIRED.
4. CONTRACTOR SHALL ADHERE TO THE RECOMMENDATIONS IN THE GEOTECHINIOCAL NOTES, FOR ALL EXCAVATIONS, BACKFILL REQUIREMENTS, ETC.
5. PIPES PASSING THRU FOOTINGS:
   - LESS THAN 3'-0" BELOW FOUNDATION, PROVIDE SLEEVE AND CONCRETE.
   - MORE THAN 3'-0" BELOW FOUNDATION, STEP FOUNDATION TO MAINTAIN 3'-0" MAX.
6. FOR PIPES ETC WITHIN THE FOOTING THICKNESS, STEP FOOTING AS REQUIRED TO PASS PIPES THRU STEM WALL.
7. SLEEVES SHALL BE A MINIMUM 1" CLR. ALL AROUND PIPES, CONDUIT, ETC.
8. PENETRATIONS THRU FOUNDATION WALL SHALL NOT DISRUPT FOUNDATION VERTICAL REINFORCEMENT.
9. PIPES SHALL NOT OCCUR BELOW COLUMN FOOTINGS.



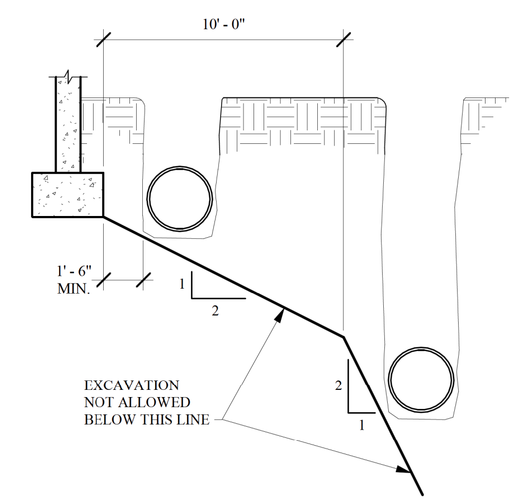
PIPE SLEEVE LOCATIONS



PIPE UNDER SLAB

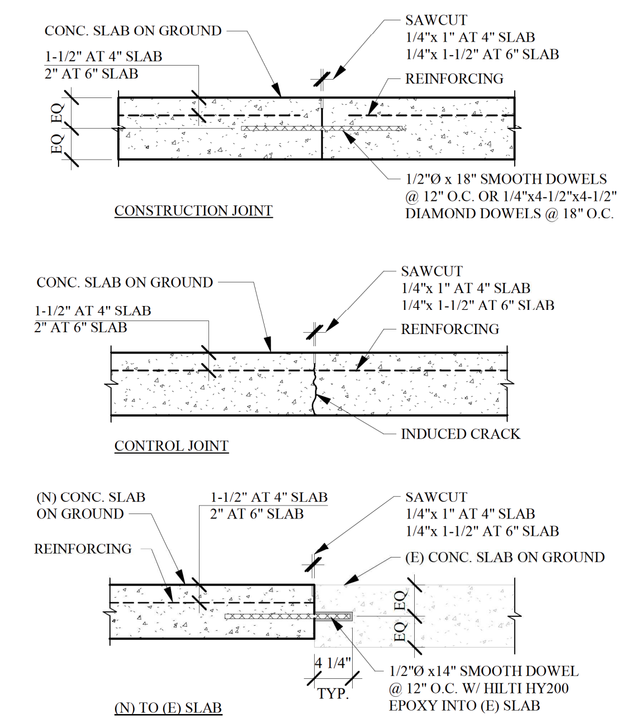


(E) UTILITY PARALLEL TO (N) FOUNDATION

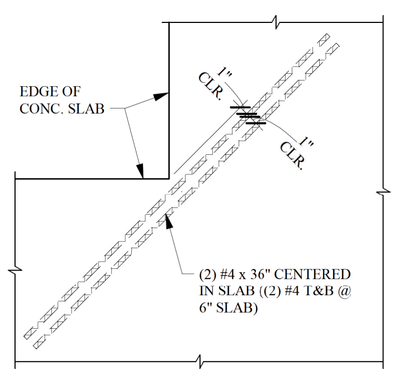


(N) EXCAVATION PARALLEL TO (E) FOUNDATION

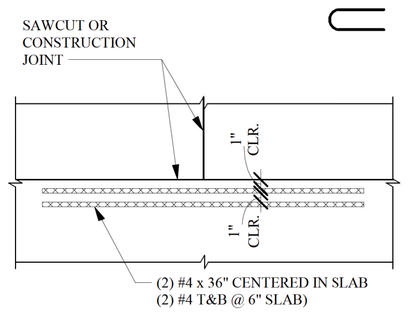
6 FOUNDATION PENETRATION & TRENCHING
1" = 1'-0"



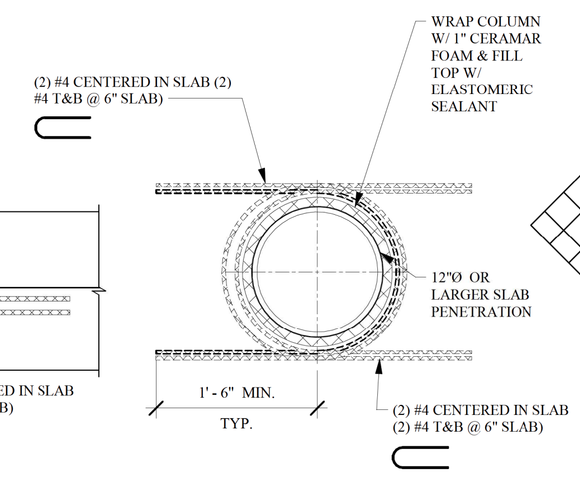
7 CONTROL / CONSTRUCTION JOINT
1" = 1'-0"



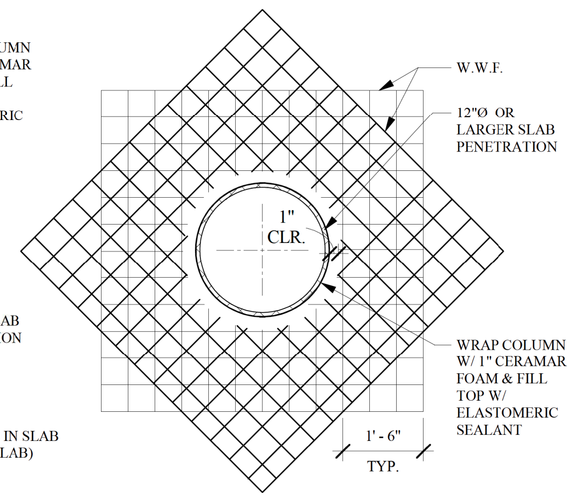
TYP. REINF. AT RE-ENTRANT CORNER



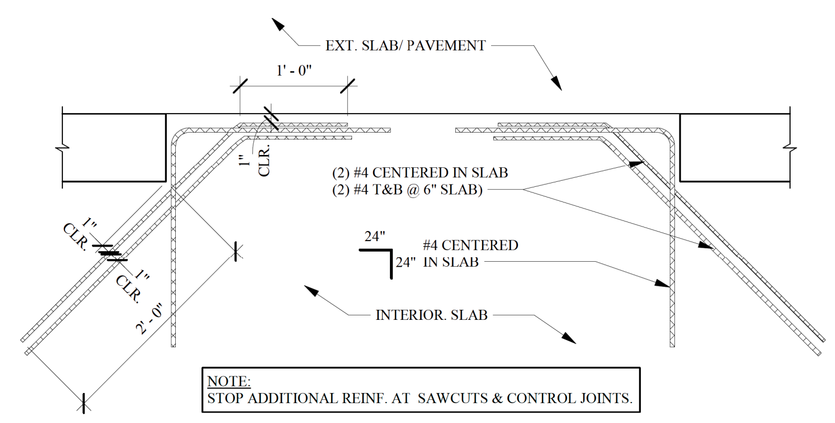
TYP. REINF. AT DISCONTINUOUS JOINT



TYP. REINF. AT PENETRATION OPTION 1



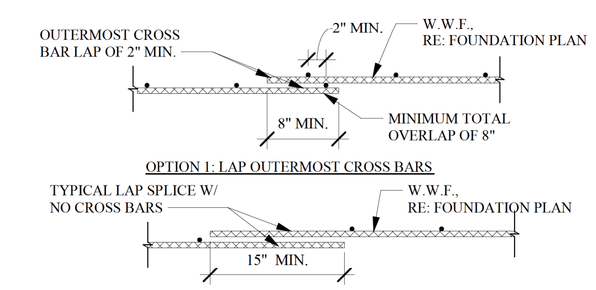
TYP. REINF. AT PENETRATION OPTION 2



NOTE:
STOP ADDITIONAL REINF. AT SAWCUTS & CONTROL JOINTS.

TYP. REINFORCING AT DOORWAY

8 SLAB RE-ENTRANT CORNERS AND PENETRATIONS
1" = 1'-0"



9 W.W.F. LAP
1" = 1'-0"

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ADAMS COUNTY COMMUNITY CENTER
MICHIGAN STREET COUNCIL, IDAHO

SE18-195	
Date:	09/19/2018
Drawn By:	TJN
Checked By:	JMR/DNS

S0.2
TYPICAL STRUCTURAL DETAILS

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