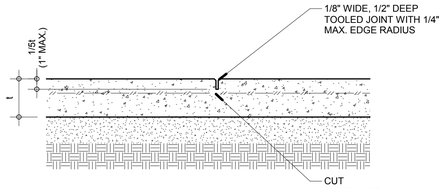
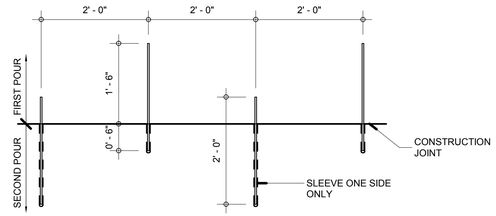
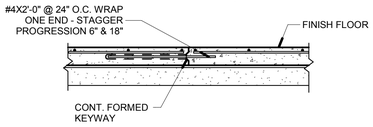


NOTE:
1. LOCATE THESE JOINTS AT SUCH INTERVALS THAT MAXIMUM SLAB AREA BETWEEN THESE JOINTS DOES NOT EXCEED 500 SQ. FT. UNLESS LOCATIONS ARE SPECIFICALLY SHOWN ON STRUCTURAL PLAN.
2. SAWCUT MUST BE MADE WITHIN 12 HOURS OF PLACING OF CONRETE

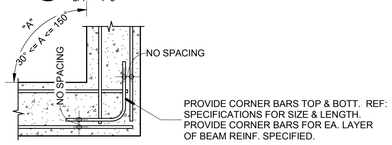
13 TYPICAL SLAB ON GRADE CONTROL JOINT
3/4" = 1'-0"

NOTE:
CONTRACTOR MAY CHANGE THE LOCATION OF JOINT WITH STRUCTURAL ENGINEER'S PRIOR APPROVAL.



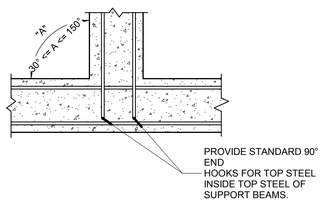


9 TYP. DETAIL @ CONSTRUCTION JOINTS
3/4" = 1'-0"



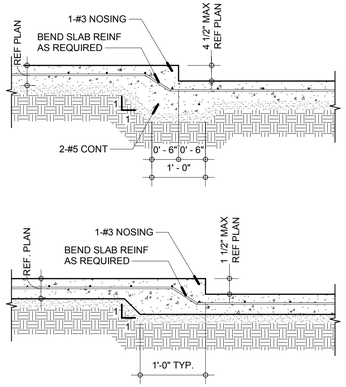
NOTE:
GRADE BEAM SHALL BE POURED MONOLITHICALLY AROUND CORNERS. REF: TYP. GB CONSTRUCTION JOINT DETAIL FOR ACCEPTABLE CONSTRUCTION JOINT LOCATIONS.

5A GRADE BEAM (GB) SPLICE CORNERS
3/4" = 1'-0"

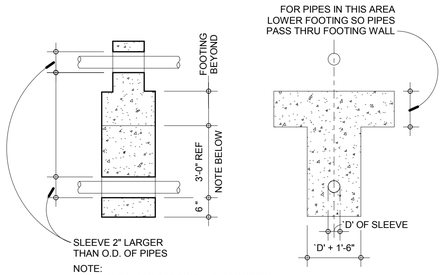


NOTE:
GB SHALL BE POURED MONOLITHICALLY AT INTERSECTIONS. REF: TYP. GRADE BEAM CONSTRUCTION JOINT DETAIL FOR ACCEPTABLE CONSTRUCTION JOINT LOCATIONS.

5 GRADE BEAM (GB) REINFORCEMENT AT "T
3/4" = 1'-0"

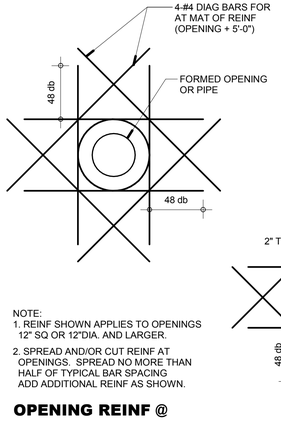


4 SLAB ON GRADE DEPRESSION DETAILS
3/4" = 1'-0"



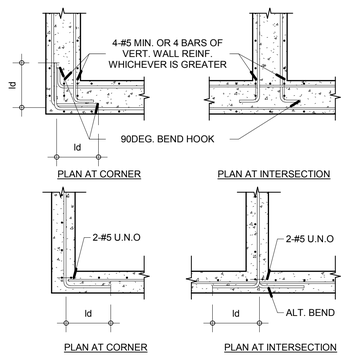
NOTE:
FOR PIPES 3'-0" OR LESS BELOW FOOTING, PROVIDE SLEEVE AND CONCRETE AS SHOWN; MORE THAN 3'-0" COMPACT BACKFILL OVER PIPE TO 90% PROCTOR DENSITY U.N.O.

8 EXCAVATION PERPENDICULAR TO WALL FOOTING
3/4" = 1'-0"

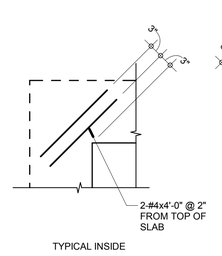


NOTE:
1. REINF SHOWN APPLIES TO OPENINGS 12" SQ OR 12"DIA. AND LARGER.
2. SPREAD AND/OR CUT REINF AT OPENINGS. SPREAD NO MORE THAN HALF OF TYPICAL BAR SPACING ADD ADDITIONAL REINF AS SHOWN.

3 OPENING REINF @ SLAB ON GRADE
3/4" = 1'-0"



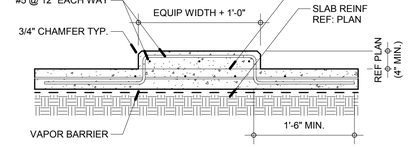
7 TYPICAL WALL OR BEAM CORNER BAR PLACING DET.
3/4" = 1'-0"

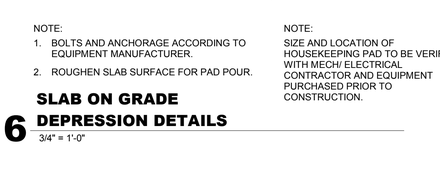


TYPICAL INSIDE

TYPICAL OUTSIDE CORNER

2 SLAB CORNER REINFORCING DETAIL
3/4" = 1'-0"

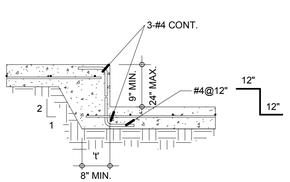




NOTE:
1. BOLTS AND ANCHORAGE ACCORDING TO EQUIPMENT MANUFACTURER.
2. ROUGHEN SLAB SURFACE FOR PAD POUR.

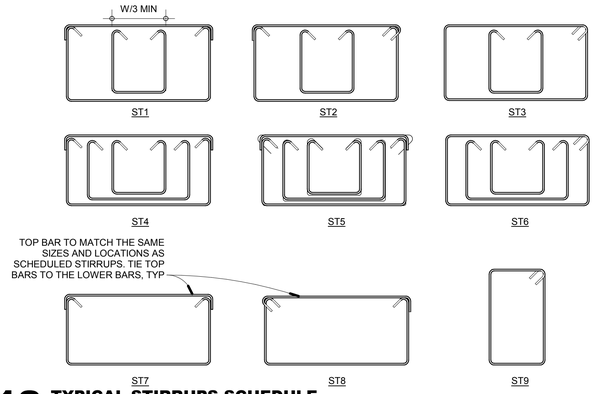
NOTE:
SIZE AND LOCATION OF HOUSEKEEPING PAD TO BE VERIFIED WITH MECH/ ELECTRICAL CONTRACTOR AND EQUIPMENT PURCHASED PRIOR TO CONSTRUCTION.

1 SLAB ON GRADE DEPRESSION DETAIL
3/4" = 1'-0"



SLAB DEPRESSION GREATER THAN 9" BUT NOT GREATER THAN 24"

12 TYPICAL STIRRUPS SCHEDULE
3/4" = 1'-0"



CONCRETE GRADE BEAM SCHEDULE

MARK	WIDTH	DEPTH	REINFORCEMENT			STIRRUPS		STIRRUPS SPACING FROM EACH END
			T CONT	B CONT	INTERM EA FACE	SIZE	TYPE	
GB1	24"	30"	(4) #6	(4) #8	-	#4	ST8	1@2", R@10", 1@2", R@6" @ CANTI
GB2	36"	30"	(8) #7	(9) #9	-	#4	ST2	1@2", R@8", 1@2", R@6" @ CANTI
GB3	30"	30"	(7) #6	(7) #9	-	#4	ST2	1@2", R@10", 1@2", R@6" @ CANTI
GB4	48"	30"	(9) #7	(10) #9	-	#4	ST5	1@2", R@8", 1@2", R@6" @ CANTI

NOTE:
fc' = 4,000 PSI CONCRETE STRENGTH

11 CONCRETE GRADE BEAM (GB) SCHEDULE
3/4" = 1'-0"

DRILLED PIER SCHEDULE

MARK	SIZE		REINFORCEMENT		BOTT. ELEV.
	SHAFT DIA.	BELL DIA.	VERT.	TIES	
18/36	18"	36"	5-#5	#4@10" O.C.	-12'-0"
24/48	24"	48"	6-#6	#4@12" O.C.	-12'-0"
30/60	30"	60"	6-#7	#4@14" O.C.	-12'-0"
36/72	36"	72"	7-#8	#4@16" O.C.	-12'-0"
42/84	42"	84"	9-#8	#4@16" O.C.	-12'-0"
18/48	18"	48"	5-#5	#4@10" O.C.	-12'-0"
24/72	24"	72"	6-#6	#4@12" O.C.	-12'-0"
30/90	30"	90"	6-#7	#4@14" O.C.	-12'-0"
36/108	36"	108"	7-#8	#4@16" O.C.	-12'-0"
42/126	42"	126"	9-#8	#4@16" O.C.	-12'-0"

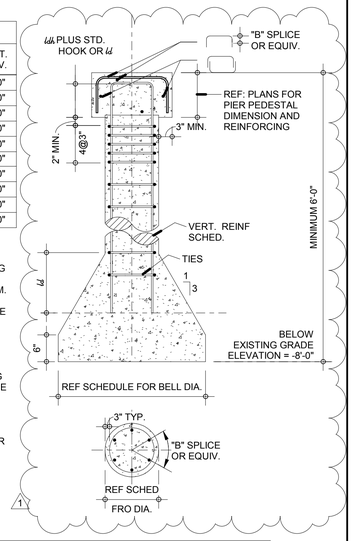
NOTE:
DEPTH OF PIER IS INDICATED FOR INFORMATION ONLY. ACTUAL DEPTH MAY VARY. REFER TO GEOTECHNICAL REPORT AND GRADING PLAN FOR DEPTH OF PIER BELOW FINISH FLOOR, AND ADJUST THE DEPTHS AS REQUIRED BASED ON APPROPRIATE BEARING STRATUM. REFER TO THE GEOTECHNICAL REPORT FOR AREAS WHERE UNDERREAMS MAY COLLAPSE. APPROPRIATE ALLOWANCE SHALL BE MADE IN CASE SOIL COLLAPSE IS ENCOUNTERED.

SLICE VERTICAL REINFORCING IN PIERS WITH 71 BARS DIAMETER LAPS.

FOR PIERS LOCATED WITHIN TWO BELL DIAMETERS CLEAR SPACING THE SECOND PIER SHALL BE DRILLED A MIN OF 48 HOURS AFTER THE FIRST BELL PIER.

AT LOCATION WHERE OVERALL PIER LENGTH IS INSUFFICIENT TO PROVIDE THE SHAFT AND BELL DIAMETERS AT THE SLOPES IDENTIFIED IN THE GEOTECHNICAL REPORT. A STRAIGHT SHAFT PIER OF DIAMETER EQUAL TO THE BELL DIAMETER SHALL BE PROVIDED. CONTACT THE ENGINEER OF RECORD FOR PIER REINFORCING.

10 TYPICAL DRILLED PIER DETAIL
3/4" = 1'-0"



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08/26/2019

TEXAS REGISTERED ENGINEERING FIRM F-17306

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PROJECT: 002-1029.19.00
DRAWN BY: PM
CHECKED BY: SS
DRAWING SCALE: AS NOTED

REVISION

NO.	DESCRIPTION	DATE
1	ADDENDUM 2	08/26/2019

DATE
08.26.2019

ISSUE
PERMIT SET

BUILDING TITLE
GH SCHOOL
4724 N MAIN STREET

SHEET TITLE
FOUNDATION DETAILS

SHEET NO.
S100

PLOT DATE: 8/26/2019 5:09:23 PM TEMPLATE VERSION