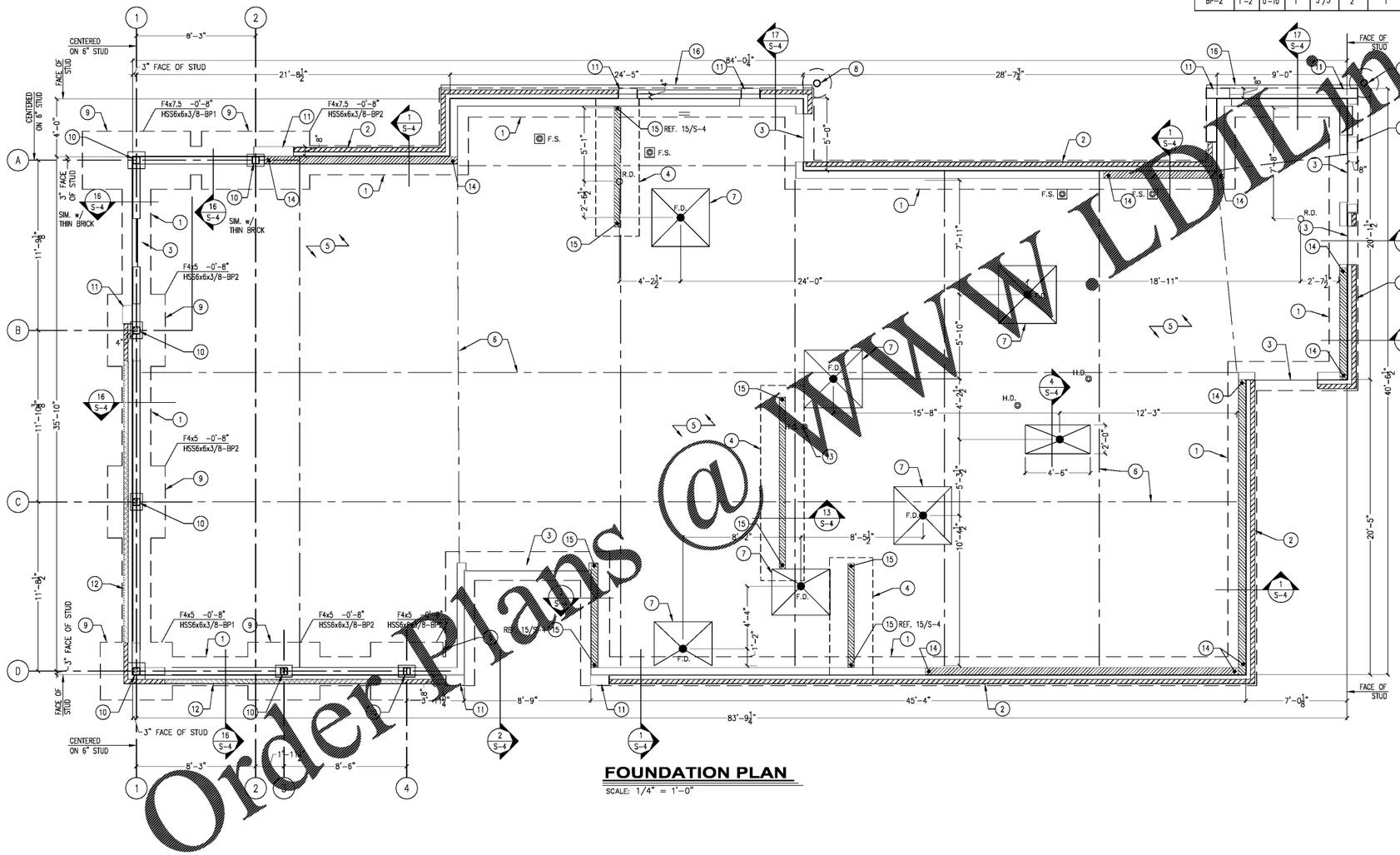
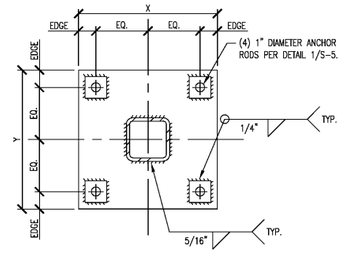


FOUNDATION PLAN

SCALE: 1/4" = 1'-0"



STEEL BASE PLATE SCHEDULE

BASE PLATE MARK	BASE PLATE SIZE			EQ. DIST.	EDGE DIST.	ANCHOR BOLT DIA.	MAX. HOLE DIA.
	X	Y	t				
BP-1	1'-2"	1'-2"	1"	5"	2"	1"	1 5/16"
BP-2	1'-2"	0'-10"	1"	5"/3"	2"	1"	1 5/16"

FOUNDATION PLAN NOTES

1. REFER TO SHEET S-3 FOR ADDITIONAL NOTES AND DESIGN CRITERIA.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. 0'-0" = FINISHED FLOOR OF NEW STRUCTURE. REF. SITE/CIVIL DRAWINGS FOR EXACT USGS ELEVATION.
4. STEP THE BOTTOM OF ALL PERIMETER WALL AND COLUMN FOOTINGS AND SLEEVE AS REQUIRED FOR PLUMBING LINES (I.E. SANITARY SEWER, STORM SEWER, WATER LINES, ETC.) SHOWN ON PLUMBING DRAWINGS. REFER TO THE TYPICAL DETAILS ON SHEET S-4.
5. PROVIDE CONTROL JOINTS (C.J.) AS SHOWN ON PLAN. CONTROL JOINT SPACING SHOULD NOT GENERALLY NOT EXCEED 12'-0" IN ANY DIRECTION, WITH A MAXIMUM PANEL ASPECT RATIO OF 1.5. SUBMIT CONTROL JOINT LAYOUT PLAN FOR REVIEW PRIOR TO SLAB CONSTRUCTION.
6. COLUMN AND WALL FOOTINGS TO BEAR ON ALLOWABLE SOIL PRESSURE OF 2000 PSF. WHERE THIS CAPACITY CANNOT BE ACHIEVED, THE SOIL SHOULD BE REMOVED TO A DEPTH APPROVED BY THE SOILS ENGINEER AND REPLACED WITH ENGINEERED FILL WITH AN ALLOWABLE SOIL PRESSURE MATCHING THE DESIGN PRESSURE LISTED ABOVE. REFER TO THE DETAILS ON SHEET S-4 FOR ADDITIONAL INFORMATION.
7. EARTH FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (i.e. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CAVING) AND AS APPROVED BY THE GEOTECHNICAL TESTING AGENCY.
8. CONTRACTOR SHALL REFER AND CONFORM TO ALL RECOMMENDATIONS AND FINDINGS AS SET FORTH IN THE SOILS GEOTECHNICAL REPORT (GEOTECHNICAL REPORT PREPARED BY TTL, INC.; TTL PROJECT NO. 000190101860.00 DATED AUGUST 9, 2019). THE OWNER AND/OR ARCHITECT ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE FINDINGS, OR FOR THE FINAL RECOMMENDATIONS, GRADING, TRENCHING, ETC. – CONTACT OWNER FOR INSTRUCTIONS PRIOR TO THE CONTINUATION OF WORK SHOULD ANY UNUSUAL CONDITIONS BECOME APPARENT DURING GRADING OR FOUNDATION CONSTRUCTION. EXISTING ELEVATIONS AND LOCATIONS TO BE JOINTED SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IF THEY DIFFER FROM THOSE SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER SO THAT MODIFICATIONS CAN BE MADE BEFORE PROCEEDING WITH THE WORK.
9. DIMENSIONS SHOWN ARE TO OUTSIDE FACE OF STEEL STUD, U.N.O.

KEYED NOTES

1. MIN. 2'-0" WIDE TURN-DOWN CONC. FOOTING WITH (3) #5 CONTINUOUS & #4 TRANSVERSE AT 48" o.c. TOP OF FOOTING TO BE 42" MIN. BELOW FINISHED GRADE.
2. HATCHED AREA REPRESENTS FULL HEIGHT VENEER PER ARCH. DRAWINGS. PROVIDE LEDGE PER DETAIL 1/S-4.
3. SEE DETAIL 2/S-4 FOR TYP. DETAIL AT EXTERIOR ENTRY.
4. PROVIDE THICKENED SLAB BELOW INTERIOR SHEAR WALL. REFER TO DETAIL 13/S-4.
5. 4" CONC. SLAB w/ FIBER REINF. ON 15 MIL. VAPOR BARRIER ON MIN. 6" COMPACTED CRUSHED STONE.
6. CONTROL/CONSTRUCTION JOINTS, SEE NOTE 5 ABOVE AND DETAIL 10/S-4.
7. 4'x4' AREA SLOPED TO DRAIN @ 2%, TYP.
8. 6"ø x 8'-0" STEEL BOLLARD, FILL WITH CONCRETE, TOP OF BOLLARD AT 5'-0" ABOVE SURFACE OF PAVING WITH 24"ø x 3'-0" DEEP CONCRETE FOOTING
9. CONCRETE FOOTING, SIZE AND REINFORCING PER SCHEDULE.
10. HSS6x6 COLUMN (WALL THICKNESS PER PLAN), CENTERED WITHIN 6" STUD WALL.
11. 8" STUDS AT WALL BUMP-OUT AT TOWER ELEMENTS. REFER TO SHEET A-1 FOR EXTENTS.
12. LINES REPRESENT BRICK VENEER BELOW STORE FRONT OPENINGS PER ARCH. DRAWINGS. PROVIDE CURB AND BRICK LEDGE PER DETAIL 15/S-4.
13. REFER TO EQUIPMENT SUPPLIER DRAWINGS FOR LOCATIONS OF ALL FLOOR SINKS AND HUB DRAINS.
14. HOLDOWN LOCATION AT COLD-FORMED SHEAR WALL. COORDINATE TYPE AND ANCHORAGE WITH COLD-FORMED FRAMING DESIGNER.
15. HOLDOWN LOCATION AT WOOD SHEAR WALL. COORDINATE TYPE AND ANCHORAGE WITH SHEAR WALL SCHEDULE ON SHEET S-2.
16. PROVIDE CONCRETE CURB BELOW BRICK PER DETAIL 17/S-4 FOR FULL LENGTH OF DRIVE THRU BUMP-OUT.

COLUMN FOOTING SCHEDULE

FOOTING MARK	FOOTING SIZE WID. X LEN. X DEPTH	TOP REINF.	BOTTOM REINF.
F4x7.5	4'-0 x 7'-6 x 2'-10	(8) #5 x 3'-6 (10) #5 x 7'-0	(19) #5 x 3'-6, HOOKS EA. END (10) #5 x 7'-0
F4x5	4'-0 x 5'-0 x 2'-10	(9) #5 x 3'-6 (11) #5 x 4'-6	(14) #5 x 3'-6 (11) #5 x 4'-6

NOTES:
1. CENTER FOOTINGS BENEATH COLUMNS, U.N.O.
2. REFER TO DETAIL 1/S-5 FOR SPECIFICS ON ANCHOR ROD PLACEMENT AND TOLERANCES.

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PROJECT #: 190420
ROC-60 TALL 20/20 IMAGE: NOVEMBER 2018 DESIGN RELEASE

BURGER KING
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MERIDIAN, MS 39305

FOUNDATION PLAN

S-1