

Original spreadsheet: Breakdown worksheet • figures and scope retained from uploaded file

Estimate page 1

S#	Dwg.	DESCRIPTION	QTY.	Wastage	Qty w/ Waste	UNIT	UNIT LABOR HOUR	TOTAL LABOR HOUR	LABOR WAGE/ HOUR	TOTAL LABOR COST	TOTAL MATERIAL COST	UNIT MATERIAL COST	UNIT LABOR COST	UNIT PRICE	TOTAL COST	TRADE TOTAL
		DIVISION 01-GENERAL REQUIREMENTS														
1		Mobilization	1	5%	1	LS	\$-	\$-	\$50.00	\$-	\$-	\$-	\$-	\$-	\$-	
2		Supervision	1	5%	1	LS	\$-	\$-	\$50.00	\$-	\$-	\$-	\$-	\$-	\$-	
3		Office overheads	1	5%	1	LS	\$-	\$-	\$50.00	\$-	\$-	\$-	\$-	\$-	\$-	
4		Temporary facilities and controls	1	5%	1	LS	\$-	\$-	\$50.00	\$-	\$-	\$-	\$-	\$-	\$-	
5		Project Closeouts	1	5%	1	LS	\$-	\$-	\$50.00	\$-	\$-	\$-	\$-	\$-	\$-	
6		Submittal and approval	1	5%	1	LS	\$-	\$-	\$50.00	\$-	\$-	\$-	\$-	\$-	\$-	
7		Mobile Scaffolding	1	5%	1	LS	\$-	\$-	\$50.00	\$-	\$-	\$-	\$-	\$-	\$-	
		Subtotal														\$-
		DIVISION 03- CONCRETE														
		PAD FOOTING														
	S1.0	F1: 3'-0" x 3'-0" x 2'-6"Deep, Pad Footing (5 EA)														
8		Placement	4	10%	5	CY	\$2.13	\$9.77	\$40.00	\$390.87	\$756.25	\$165.00	\$85.3	\$250.3	\$1,147.1	
9		Reinforcement: - (4) #6 Rebar E.W. Bottom (120 LF)	180	5%	189	LBS	\$0.01	\$1.51	\$40.00	\$60.56	\$148.71	\$0.79	\$0.3	\$1.1	\$209.3	
10		Formwork	150	10%	165	SF	\$0.05	\$8.74	\$40.00	\$349.80	\$660.00	\$4.00	\$2.1	\$6.1	\$1,009.8	
11		Excavation	9	10%	10	CY	\$1.30	\$13.39	\$40.00	\$535.43	\$-	\$-	\$51.9	\$51.9	\$535.4	
12		Backfill	5	10%	6	CY	\$0.91	\$5.23	\$40.00	\$209.00	\$-	\$-	\$36.5	\$36.5	\$209.0	
		F2: 5'-0" x 5'-0" x 2'-6"Deep, Pad Footing (2 EA)														
13		Placement	5	10%	5	CY	\$2.13	\$10.86	\$40.00	\$434.30	\$840.28	\$165.00	\$85.3	\$250.3	\$1,274.6	
14		Reinforcement: - (6) #6 Rebar E.W. Bottom (120 LF)	180	5%	189	LBS	\$0.01	\$1.51	\$40.00	\$60.56	\$148.71	\$0.79	\$0.3	\$1.1	\$209.3	
15		Formwork	100	10%	110	SF	\$0.05	\$5.83	\$40.00	\$233.20	\$440.00	\$4.00	\$2.1	\$6.1	\$673.2	
16		Excavation	8	10%	9	CY	\$1.30	\$11.17	\$40.00	\$446.85	\$-	\$-	\$51.9	\$51.9	\$446.8	
17		Backfill	3	10%	4	CY	\$0.91	\$3.20	\$40.00	\$128.19	\$-	\$-	\$36.5	\$36.5	\$128.2	
		F3: 7'-0" x 14'-0" x 3'-0"Deep, Pad Footing (1 EA)														
18		Placement	11	10%	12	CY	\$2.13	\$25.54	\$40.00	\$1,021.46	\$1,976.33	\$165.00	\$85.3	\$250.3	\$2,997.8	
19		Reinforcement: - (8) #7 Rebar Long Way Top & Bottom (224 LF) - #5 Rebar @ 12" O.C. Short Way Top & Bottom (198 LF)	663	5%	697	LBS	\$0.01	\$5.57	\$40.00	\$222.93	\$547.43	\$0.79	\$0.3	\$1.1	\$770.4	
20		Formwork	126	10%	139	SF	\$0.05	\$7.35	\$40.00	\$293.83	\$554.40	\$4.00	\$2.1	\$6.1	\$848.2	
21		Excavation	15	10%	16	CY	\$1.30	\$20.90	\$40.00	\$836.06	\$-	\$-	\$51.9	\$51.9	\$836.1	
22		Backfill	4	10%	4	CY	\$0.91	\$3.76	\$40.00	\$150.48	\$-	\$-	\$36.5	\$36.5	\$150.5	
		CONTINUOUS FOOTING														
		1'-0"Wide x 1'-6"High, Cont. Footing @ Depressed Slab (31 LF)														
23		Placement	2	10%	2	CY	\$2.13	\$4.00	\$40.00	\$159.84	\$309.26	\$165.00	\$85.3	\$250.3	\$469.1	
24		Reinforcement: - (4) #5 Rebar Cont. (123 LF) - #3 Ties Rebar @ 14" O.C. (136 LF)	179	5%	188	LBS	\$0.01	\$1.51	\$40.00	\$60.29	\$148.04	\$0.79	\$0.3	\$1.1	\$208.3	
25		Formwork	92	10%	101	SF	\$0.05	\$5.36	\$40.00	\$214.57	\$404.84	\$4.00	\$2.1	\$6.1	\$619.4	
26		Excavation	5	10%	6	CY	\$1.30	\$7.30	\$40.00	\$291.94	\$-	\$-	\$51.9	\$51.9	\$291.9	
27		Backfill	3	10%	4	CY	\$0.91	\$3.42	\$40.00	\$136.75	\$-	\$-	\$36.5	\$36.5	\$136.7	

CONSTRUCTION COST ESTIMATE | DETAILED BREAKDOWN

McDonald's USA LLC

Project: 4597 - 2022 Standard Building BB20

Original spreadsheet: Breakdown worksheet • figures and scope retained from uploaded file

Estimate page 2

S#	Dwg.	DESCRIPTION	QTY.	Wastage	Qty w/ Waste	UNIT	UNIT LABOR HOUR	TOTAL LABOR HOUR	LABOR WAGE/ HOUR	TOTAL LABOR COST	TOTAL MATERIAL COST	UNIT MATERIAL COST	UNIT LABOR COST	UNIT PRICE	TOTAL COST	TRADE TOTAL
		GRADE BEAM														
		1'-6"Wide x 2'-6"High, Exterior Grade Beam (280 LF)														
28		Placement	39	10%	43	CY	\$2.13	\$91.25	\$40.00	\$3,650.17	\$7,062.37	\$165.00	\$85.3	\$250.3	\$10,712.5	
29		Reinforcement: - (4) #6 Rebar Cont. (1121 LF) - #3 Ties Rebar @ 16" O.C. (1693 LF)	2,320	5%	2,436	LBS	\$0.01	\$19.49	\$40.00	\$779.62	\$1,914.46	\$0.79	\$0.3	\$1.1	\$2,694.1	
30		Formwork	1,401	10%	1,541	SF	\$0.05	\$81.67	\$40.00	\$3,266.67	\$6,163.52	\$4.00	\$2.1	\$6.1	\$9,430.2	
31		Excavation	91	10%	100	CY	\$1.30	\$129.63	\$40.00	\$5,185.35	\$-	\$-	\$51.9	\$51.9	\$5,185.3	
32		Backfill	52	10%	57	CY	\$0.91	\$52.05	\$40.00	\$2,081.90	\$-	\$-	\$36.5	\$36.5	\$2,081.9	
		1'-0"Wide x 1'-7"High, Interior Grade Beam (383 LF)														
33		Placement	22	10%	25	CY	\$2.13	\$52.56	\$40.00	\$2,102.48	\$4,067.89	\$165.00	\$85.3	\$250.3	\$6,170.4	
34		Reinforcement: - (4) #6 Rebar Cont. (1532 LF) - #3 Ties Rebar @ 18" O.C. (1325 LF)	2,799	5%	2,939	LBS	\$0.01	\$23.51	\$40.00	\$940.55	\$2,309.64	\$0.79	\$0.3	\$1.1	\$3,250.2	
35		Formwork	1,210	10%	1,331	SF	\$0.05	\$70.56	\$40.00	\$2,822.37	\$5,325.23	\$4.00	\$2.1	\$6.1	\$8,147.6	
36		Excavation	67	10%	74	CY	\$1.30	\$96.00	\$40.00	\$3,840.08	\$-	\$-	\$51.9	\$51.9	\$3,840.1	
37		Backfill	45	10%	49	CY	\$0.91	\$44.97	\$40.00	\$1,798.75	\$-	\$-	\$36.5	\$36.5	\$1,798.7	
		SLAB ON GRADE														
38		6"Thick, Concrete Pad @ Electrical Service (15 SF)	0	10%	0	CY	\$2.13	\$0.63	\$40.00	\$25.19	\$48.74	\$165.00	\$85.3	\$250.3	\$73.9	
39		6"Thick, Concrete Pad @ Washer & Heater (25 SF)	0	10%	1	CY	\$2.13	\$1.07	\$40.00	\$42.77	\$82.75	\$165.00	\$85.3	\$250.3	\$125.5	
40		5-1/4"Thick, Depressed/ Floating Slab (235 SF)	4	10%	4	CY	\$2.13	\$9.39	\$40.00	\$375.61	\$726.73	\$165.00	\$85.3	\$250.3	\$1,102.3	
41		Reinforcement: - #3 Rebar @ 12" O.C. E.W. (472 LF)	177	5%	186	LBS	\$0.01	\$1.49	\$40.00	\$59.63	\$146.43	\$0.79	\$0.3	\$1.1	\$206.1	
42		4"Thick, Rigid Insulation	235	10%	258	SF	\$0.01	\$2.84	\$40.00	\$113.74	\$956.45	\$3.70	\$0.4	\$4.1	\$1,070.2	
43		5"Thick, Concrete Slab (4445 SF)	69	10%	76	CY	\$2.13	\$162.17	\$40.00	\$6,486.89	\$12,550.85	\$165.00	\$85.3	\$250.3	\$19,037.7	
44		Reinforcement: - #4 Rebar @ 15" O.C. E.W. (7115 LF)	4,753	5%	4,990	LBS	\$0.01	\$39.92	\$40.00	\$1,596.95	\$3,921.50	\$0.79	\$0.3	\$1.1	\$5,518.5	
45		10 MIL Vapor Barrier	4,445	10%	4,890	SF	\$0.00	\$19.56	\$40.00	\$782.39	\$405.87	\$0.08	\$0.2	\$0.2	\$1,188.3	
46		4"x4", Thickened Edge	2	10%	3	CY	\$2.13	\$5.45	\$40.00	\$217.87	\$421.54	\$165.00	\$85.3	\$250.3	\$639.4	
47		1-1/4" Deep, Control Joint Fill W/ Mastic	445	5%	467	LF	\$0.01	\$7.00	\$40.00	\$280.06	\$14.00	\$0.03	\$0.6	\$0.6	\$294.1	
	S6.0	TRASH ENCLOSURE														
		CONTINUOUS FOOTING														
		1'-4"Wide x 2'-0"High, Cont. Footing (115 LF)														
48		Placement	11	10%	12	CY	\$2.13	\$26.58	\$40.00	\$1,063.36	\$2,057.40	\$165.00	\$85.3	\$250.3	\$3,120.8	
49		Reinforcement: - (4) #6 Rebar Cont. (460 LF) - #3 Ties Rebar @ 18" O.C. (518 LF)	886	5%	930	LBS	\$0.01	\$7.44	\$40.00	\$297.59	\$730.77	\$0.79	\$0.3	\$1.1	\$1,028.4	
50		Formwork	460	10%	506	SF	\$0.05	\$26.83	\$40.00	\$1,073.28	\$2,025.06	\$4.00	\$2.1	\$6.1	\$3,098.3	
51		Excavation	30	10%	33	CY	\$1.30	\$42.59	\$40.00	\$1,703.67	\$-	\$-	\$51.9	\$51.9	\$1,703.7	
52		Backfill	18	10%	20	CY	\$0.91	\$18.55	\$40.00	\$742.16	\$-	\$-	\$36.5	\$36.5	\$742.2	

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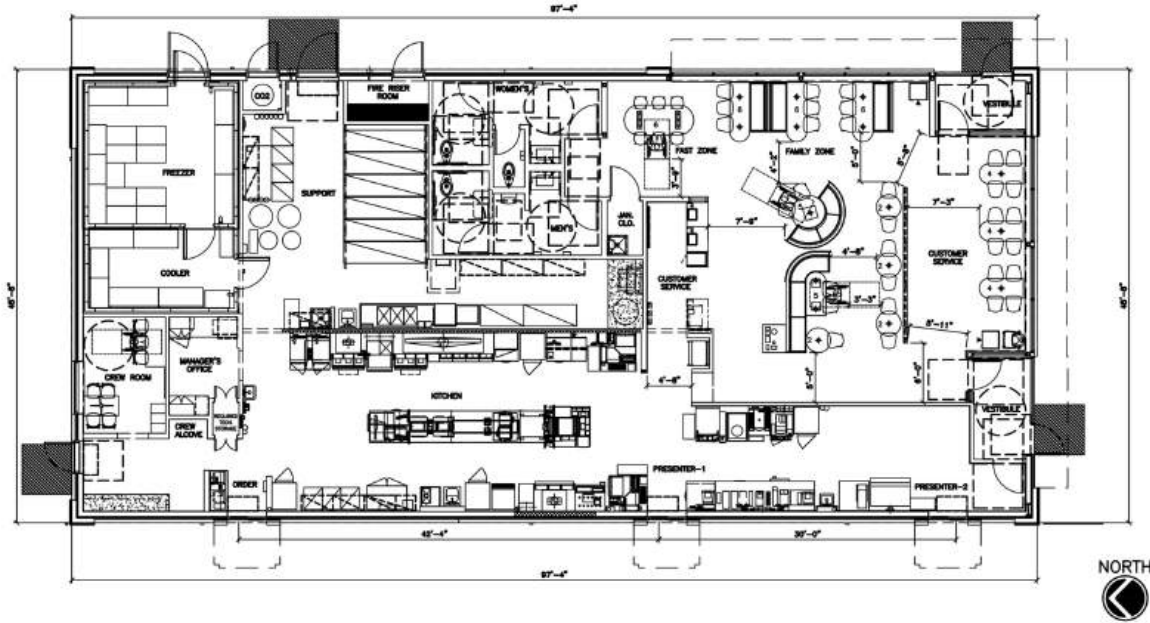
Estimate page 3

S#	Dwg.	DESCRIPTION	QTY.	Wastage	Qty w/ Waste	UNIT	UNIT LABOR HOUR	TOTAL LABOR HOUR	LABOR WAGE/ HOUR	TOTAL LABOR COST	TOTAL MATERIAL COST	UNIT MATERIAL COST	UNIT LABOR COST	UNIT PRICE	TOTAL COST	TRADE TOTAL
		CIRCULAR FOOTING														
53		6"Dia. x 5'-0"High, Concrete Filled Steel Bollard (4 EA) With 1'-4"Dia. x 2'-0"High, Circular Footing	1	10%	1	CY	\$2.13	\$1.32	\$40.00	\$52.84	\$102.24	\$165.00	\$85.3	\$250.3	\$155.1	
54		6"Dia. x 8'-0"High, Concrete Filled Post @ Gate (2 EA) With 1'-6"Dia. x 3'-0"High, Circular Footing	1	10%	1	CY	\$2.13	\$1.19	\$40.00	\$47.75	\$92.39	\$165.00	\$85.3	\$250.3	\$140.1	
55		6"Dia. x 4'-0"High, Concrete Filled Bollard (1 EA) With 1'-4"Dia x 2'-0"High, Circular Footing	0	10%	0	CY	\$2.13	\$0.31	\$40.00	\$12.53	\$24.24	\$165.00	\$85.3	\$250.3	\$36.8	
56		Excavation	5	10%	6	CY	\$1.30	\$7.61	\$40.00	\$304.60	\$-	\$-	\$51.9	\$51.9	\$304.6	
57		Backfill	4	10%	5	CY	\$0.91	\$4.14	\$40.00	\$165.63	\$-	\$-	\$36.5	\$36.5	\$165.6	
58		8"Dia. x 18"Deep, Concrete Pier @ Guard Rail (2 EA)	0	10%	0	CY	\$2.13	\$0.09	\$40.00	\$3.57	\$6.90	\$165.00	\$85.3	\$250.3	\$10.5	
59		Excavation	0	10%	0	CY	\$1.30	\$0.63	\$40.00	\$25.38	\$-	\$-	\$51.9	\$51.9	\$25.4	
60		Backfill	0	10%	0	CY	\$0.91	\$0.41	\$40.00	\$16.31	\$-	\$-	\$36.5	\$36.5	\$16.3	
		SLAB ON GRADE														
61		6"Thick, Concrete Slab On Grade (619 SF)	11	10%	13	CY	\$2.13	\$26.90	\$40.00	\$1,076.05	\$2,081.94	\$165.00	\$85.3	\$250.3	\$3,158.0	
		Subtotal														\$109,444
		DIVISION 31- EARTHWORK														
		EXCAVATION														
62		Excavation @ Sign & Pole Footing	59	10%	65	CY	\$1.30	\$84.24	\$40.00	\$3,369.61	\$-	\$-	\$51.9	\$51.9	\$3,369.6	
		BACKFILL						0		0	0					
63		Backfill @ Sign & Pool Footing	44	10%	48	CY	\$0.91	\$44.14	\$40.00	\$1,765.63	\$-	\$-	\$36.5	\$36.5	\$1,765.6	
								\$-		\$-	\$-					
		Subtotal														\$5,135
		DIVISION 32- EXTERIOR IMPROVEMENT														
		CURB, GUTTER & SIDEWALK														
64	SP-1	4"Thick, Reinforced Concrete Side Walk (2772 SF)	34	10%	37	CY	\$2.13	\$79.46	\$40.00	\$3,178.32	\$6,149.42	\$165.00	\$85.3	\$250.3	\$9,327.7	
65		Reinforcement: - #3 Rebar @ 18" O.C. E.W. (3698 LF)	1,390	5%	1,460	LBS	\$0.01	\$11.68	\$40.00	\$467.19	\$1,147.24	\$0.79	\$0.3	\$1.1	\$1,614.4	
66		4" Thick, City Concrete Sidewalk (2221 SF) Note: Thickness Is Assumed. No Detail Is Provided.	27	10%	30	CY	\$2.13	\$63.67	\$40.00	\$2,546.92	\$4,927.78	\$165.00	\$85.3	\$250.3	\$7,474.7	
		6"Thick, Concrete Curb & Gutter @ Non Drive-Thru Area	1,358			LF	\$-	\$-	\$50.00	\$-	\$-	\$-	\$-	\$-	\$-	
							\$0.10		\$40.00			\$10.10	\$3.8			
67		4"Thick, Handicap Access Ramp	2	10%	2	CY	\$2.13	\$5.33	\$40.00	\$213.13	\$412.37	\$165.00	\$85.3	\$250.3	\$625.5	
		PAVING														
68	C6.0	6"Thick, Reinforced Concrete @ Fire Lane (11235 SF)	208	10%	229	CY	\$2.13	\$487.92	\$40.00	\$19,516.82	\$37,761.21	\$165.00	\$85.3	\$250.3	\$57,278.0	
69		Reinforcement: - #4 Rebar @ 18" O.C. E.W. (14982 LF)	10,008	5%	10,508	LBS	\$0.01	\$84.07	\$40.00	\$3,362.68	\$8,257.48	\$0.79	\$0.3	\$1.1	\$11,620.2	
							\$-	\$-	\$50.00	\$-	\$-	\$-	\$-	\$-	\$-	
							\$-	\$-	\$50.00	\$-	\$-	\$-	\$-	\$-	\$-	
70		7"Thick, Heavy Duty Reinforced Concrete @ Drive Thru (20466 SF) Note: Thikness Is Assumed. No Detail Is Provided.	440	10%	484	CY	\$2.13	\$1,032.55	\$40.00	\$41,301.82	\$79,910.89	\$165.00	\$85.3	\$250.3	\$121,212.7	

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Estimate page 4

S#	Dwg.	DESCRIPTION	QTY.	Wastage	Qty w/ Waste	UNIT	UNIT LABOR HOUR	TOTAL LABOR HOUR	LABOR WAGE/ HOUR	TOTAL LABOR COST	TOTAL MATERIAL COST	UNIT MATERIAL COST	UNIT LABOR COST	UNIT PRICE	TOTAL COST	TRADE TOTAL
71		7"Thick, Reinforced Concrete Pavement @ Trash Enclosure Apron (1045 SF)	22	10%	25	CY	\$2.13	\$52.66	\$40.00	\$2,106.56	\$4,075.78	\$165.00	\$85.3	\$250.3	\$6,182.3	
72		Reinforcement: - #4 Rebar @ 18" O.C. E.W. (1396 LF)	933	5%	979	LBS	\$0.01	\$7.83	\$40.00	\$313.33	\$769.42	\$0.79	\$0.3	\$1.1	\$1,082.7	
73		6"Thick, Concrete Pad @ Transformer (227 SF) Note: Thickness Is Assumed. No Detail Is Provided.	4	10%	5	CY	\$2.13	\$9.85	\$40.00	\$393.89	\$762.10	\$165.00	\$85.3	\$250.3	\$1,156.0	
		SIGN & POLE FOOTING														
74	C5.0	18"Dia. x 3'-9"High, Concrete Pier @ McDonald's OOSP, Mobile & Roll Forward Sign (2 EA)	1	10%	1	CY	\$2.13	\$1.25	\$40.00	\$50.07	\$96.88	\$165.00	\$85.3	\$250.3	\$146.9	
75		6"Dia. x 3'-6"High, Concrete Bollard W/ Handicap Accessible Sign (2 EA) With 24"Dia. x 4'-0"High, Circular Footing	1	10%	1	CY	\$2.13	\$2.30	\$40.00	\$92.10	\$178.19	\$165.00	\$85.3	\$250.3	\$270.3	
76		24"Dia. x 4'-6"High, Menu Board Footing (4 EA)	2	10%	2	CY	\$2.13	\$4.91	\$40.00	\$196.47	\$380.13	\$165.00	\$85.3	\$250.3	\$576.6	
77		Reinforcement: - (6) #6 Vertical Rebar (108 LF) - #3 Ties Rebar @ 24" O.C. (82 LF)	193	5%	203	LBS	\$0.01	\$1.62	\$40.00	\$64.86	\$159.28	\$0.79	\$0.3	\$1.1	\$224.1	
78		36"Dia. x 5'-6"High, Canopy & Gateway Footing (3 EA)	4	10%	5	CY	\$2.13	\$10.13	\$40.00	\$405.22	\$784.03	\$165.00	\$85.3	\$250.3	\$1,189.2	
79		Reinforcement: - (12) #6 Vertical Rebar (198 LF) - #3 Ties Rebar @ 24" O.C. (106 LF)	337	5%	354	LBS	\$0.01	\$2.83	\$40.00	\$113.32	\$278.26	\$0.79	\$0.3	\$1.1	\$391.6	
80		24"Dia. x 8'-0"High, Light & Flag Pole Footing (6 EA)	6	10%	6	CY	\$2.13	\$13.10	\$40.00	\$523.92	\$1,013.69	\$165.00	\$85.3	\$250.3	\$1,537.6	
81		Reinforcement: - (10) #6 Vertical Rebar (480 LF) - #3 Ties Rebar @ 12" O.C. (339 LF)	848	5%	891	LBS	\$0.01	\$7.13	\$40.00	\$285.07	\$700.03	\$0.79	\$0.3	\$1.1	\$985.1	
82		24"Dia. x 3'-6"High, Directional Sign Board Footing (4 EA)	2	10%	2	CY	\$2.13	\$3.82	\$40.00	\$152.81	\$295.66	\$165.00	\$85.3	\$250.3	\$448.5	
83		Reinforcement: - (6) #6 Vertical Rebar (84 LF) - #3 Ties Rebar @ 24" O.C. (69 LF)	152	5%	160	LBS	\$0.01	\$1.28	\$40.00	\$51.11	\$125.51	\$0.79	\$0.3	\$1.1	\$176.6	
		Subtotal														\$223,521
		TOTAL AMOUNT														\$338,100
		CONTIGENCIES (10%)								0.05						\$16,905
		OVERHEAD AND PROFIT (25%)								0.25						\$84,525
		PERFORMANCE AND PAYMENT BONDS								0.01						\$5,072
		TOTAL BASEBID														\$444,602



4597-WW PLAN

54 SEATS (3 ACCESSIBLE SEATS)

THIS DRAWING ABOVE IS
FOR SEATING REFERENCE ONLY
SEATING LAYOUT NOT FOR CONSTRUCTION

PLUMBING FIXTURE COUNT

PER THE 2021 INTERNATIONAL PLUMBING CODE BASED ON
OCCUPANCY LOAD OF 86 WC 1/75 LAV 1/200 A2 USE
GROUP

MEN = 43

1 WC REQUIRED 1 WC PROVIDED
1 UR REQUIRED 1 UR PROVIDED
1 LAV REQUIRED 1 LAV PROVIDED

WOMEN = 43

2 WC REQUIRED 2 WC PROVIDED
1 LAV REQUIRED 1 LAV PROVIDED

VICINITY MAP



OCCUPANCY ALLOWANCE:

INTERNATIONAL BUILDING CODE 2021

TABLE 1004.5 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT			
FUNCTION OF SPACE	ALLOWANCE	AREA	OCCUPANTS
ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	939 SF	4
ASSEMBLY WITH FIXED SEATS	SEE PLAN	-	54
ASSEMBLY W/OUT FIXED SEATS STANDING SPACE	5 NET	50 SF	10
BUSINESS AREAS	150 GROSS	59 SF	1
KITCHENS, COMMERCIAL	200 GROSS	-	17
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
TOTAL OCCUPANCY ALLOWANCE			86

2017 45-97 WW BUILDING - BB20 DALLAS FIELD OFFICE

BUILDING INFORMATION:

ADDRESS:

STATE SITE CODE: 42-3377
STREET ADDRESS: NEC of MAIN ST. & COIT RD.
CITY: FRISCO
COUNTY: COLLIN
STATE: TEXAS, 75035

STRUCTURE:

WOOD STUD WALLS W/ WOOD ROOF FRAMING

UTILITIES:

GAS: HVAC AND WATER HEATER
ELECTRIC: FILET STATION, CLAMSHELL GRILLS, AND FRY STATION

BUILDING CODE:

BUILDING CODE EDITION: INTERNATIONAL BUILDING CODE 2021 WITH LOCAL AMENDMENTS
MECHANICAL CODE EDITION: INTERNATIONAL MECHANICAL CODE 2021 WITH LOCAL AMENDMENTS
ELECTRICAL CODE EDITION: NATIONAL ELECTRICAL CODE 2020 WITH LOCAL AMENDMENTS
PLUMBING CODE EDITION: INTERNATIONAL PLUMBING CODE 2021 WITH LOCAL AMENDMENTS
ENERGY CODE EDITION: INTERNATIONAL ENERGY CONSERVATION CODE 2021
FIRE/LIFE SAFETY CODE EDITION: INTERNATIONAL FIRE CODE 2018 WITH LOCAL AMENDMENTS
FUEL/GAS CODE EDITION: INTERNATIONAL FUEL GAS CODE 2021 WITH LOCAL AMENDMENTS
ACCESSIBILITY CODE EDITION: TEXAS ACCESSIBILITY CODE 2012

TDLR: TABS2023009463

RAS: KATHY A. RILEY; RAS #254

BUILDING DATA:

OCCUPANCY: USE GROUP A2
CONSTRUCTION TYPE: VB
NUMBER OF STORIES: 1
BUILDING HEIGHT: 18'-9 1/2" (MAIN BLDG. PARAPET)
20'-9 1/2" (HIGHEST PARAPET HEIGHT)

GROSS BUILDING AREA: 4,440 GROSS S.F.
BASE BUILDING: 4,130 NET S.F.

DESIGN LOADS:

ROOF LIVE LOAD: 20 PSF
GROUND SNOW LOAD: 5 PSF
ULTIMATE WIND SPEED: 105 MPH V(ult); 90 MPH V(assd) - 3 SEC. GUST (EXPOSURE C)
SOIL BEARING CAPACITIES: 1,000 PSF MIN. (PER SOILS REPORT)
SEISMIC DESIGN CATEGORY: N/A (SEE STRUCTURAL S4.0)
BASE SHEAR (SEE STRUCTURAL CALCULATIONS)

LIFE SAFETY SYSTEM:

EMERGENCY LIGHTING:	X	YES	NO
EXIT SIGNS:	X	YES	NO
FIRE ALARM:	X	YES	NO
DUCT SMOKE DETECTORS W/AUDIBLE/VISIBLE DEVICE:	X	YES	NO
FIRE SPRINKLERS AS REQUIRED BY CODE:	X	YES	NO
SPRINKLER FLOW/TAMPER SWITCH W/AUDIBLE/VISIBLE DEVICE:	X	YES	NO
CO2 DETECTION SYSTEM W/AUDIBLE/VISIBLE DEVICE:	X	YES	NO
PANIC HARDWARE:	X	YES	NO

DESIGNER OF RECORD:

DISCIPLINE:	NAME:	ADDRESS	LICENSE #:
ARCHITECT:	Alexander M. Fazzino	3801 Kirby Drive, Suite 600, Houston, TX 77098	11506
STRUCTURAL:	Andrew Burman	12620 FM 1960 W., Ste. A-4 #285, Houston, TX 77065	100004
MECHANICAL:	Scott C. Webb	110 W. 7th Street, Suite 600, Tulsa, Oklahoma 74119	82964
PLUMBING:	Scott C. Webb	110 W. 7th Street, Suite 600, Tulsa, Oklahoma 74119	82964
ELECTRICAL:	John E. Vest, III	110 W. 7th Street, Suite 600, Tulsa, Oklahoma 74119	82964

CONSTRUCTION PROJECT MANAGER:

NAME:	ADDRESS	PHONE #:
MANAGER: Patrick Plehl	511 EAST JOHN CARPENTER FREEWAY, SUITE #375 IRVING, TEXAS 75062	469-865-7918

DRAWING INDEX

T1.0 Cover Sheet
GN1.0 General Notes
LS1.0 Life Safety Plan (Egress) 02/14/23

CIVIL & LANDSCAPE

Civil & Landscape Permit Drawings - Provided by others

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A1.2 Reflected Ceiling Plan
A1.3 Roof Plan
A2.0 Elevations
A2.1 Elevations
A3.1 Service Pod Details
A4.0 Enlarged Restroom Plan & Details
A4.1 Enlarged Plan & Details
A5.0 Wall Sections & Details
A5.1 Wall Sections & Details
A5.2 Wall Sections & Details
A5.3 Wall Sections & Details
A6.0 Door, Hardware & Finish Schedules
A6.1 Finish Schedules
ST-1 Trash Corral & Dry Storage Plans
ST-2 Trash Corral & Dry Storage Wall Sections

STRUCTURAL

S1.0 Foundation Plan
S1.2 Framing Plan
S2.0 Foundation Sections
S2.1 Details
S3.0 Framing Sections
S3.1 Framing Sections
S3.2 Details & Sections
S3.3 Framing Sections
S4.0 Structural Notes
S5.0 Structural Notes (OT Equipment Foundation Details)
S6.0 Trash Corral & Dry Storage Plan
S6.1 Trash Corral & Dry Storage Plan

MECHANICAL

M1.0 Mechanical Roof Plan
M1.1 Mechanical Plan - Dry Storage Building
M1.2 Ductwork Plan
M1.4 Refrigerant & Gas Piping Plan
M2.0 Exhaust Hoods
M3.0 Mechanical Details
M4.0 General Mechanical Notes
M4.1 Mechanical Schedules

FIRE PROTECTION

Fire Protection Plans - Provided by others

PLUMBING

P1.0 Domestic Water Piping
P1.2 Waste Vent & Storm Piping
P1.4 Underground Rough-in
P1.6 Overhead Rough-in
P2.0 Domestic Water Isometric
P2.1 Waste & Vent Isometric
P2.2 Storm Isometric
P3.0 Details
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P4.1 Schedules

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E1.1 Rough In Floor Plan
E2.0 Lighting Plan & Schedule
E2.1 Electrical Roof Plan
E3.0 Electrical Rough-in Schedule
E3.1 Electrical Notes & Details
E3.2 Interlock Wiring Details
E3.3 Dry Storage Plan
E4.0 Wiring Details
E4.1 Lighting Controls
E4.2 Split Utilities Distribution

KITCHEN EQUIPMENT

K1.0 Kitchen Cover Sheet
K2.0 Kitchen Plan
K2.1 Kitchen Equipment Schedule

STANDARD MCDONALD'S SLIP SHEETS

TAS-1 thru TAS-6 2012 TAS STANDARDS
DT1.0 Drive-Thru Plan & Details (Standard 1.0)
DT1.0c Drive-Thru Layout Guidelines
DT1.1 Drive-Thru Plan & Details (Standard 1.1)
DT1.2 Drive-Thru Plan & Details (Standard 1.2)
DT2.0 Drive-Thru Plan & Details (Standard 2.0)
DT-FUTURE Future Drive-Thru Options & Details (1.0, 2.0A & 2.0B)
D2.0 Dual Point Customer Service
D5.0 Outdoor Digital Menu Board & Pre-Sell Board
E-DT Outdoor Digital Menu & Pre-Sell Board Electrical
D6.0 Outdoor Drive-thru Canopy (100 mph)
D7.2 Outdoor Double Gateway (100 mph)
D8.0 Outdoor Directional Sign with Arch (100 mph)
D8.2 Outdoor Directional Sign without Arch (100 mph)
D9.0 Kiosk & Table Locator

PREPARED BY:

A Professional Corporation
3801 Kirby Dr., Suite 600
Houston, Texas 77098
Tel: 713 864 7974
Fax: 713 864 9706

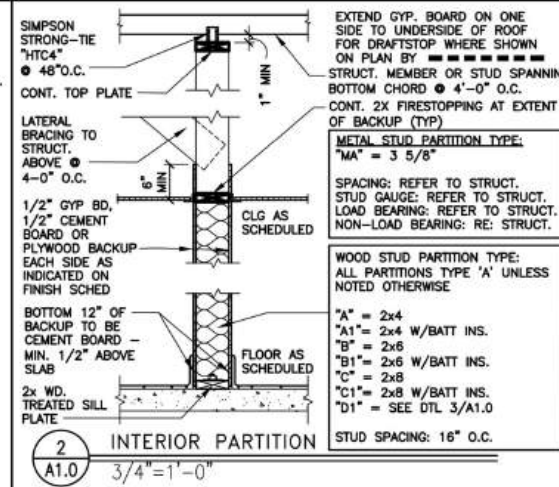
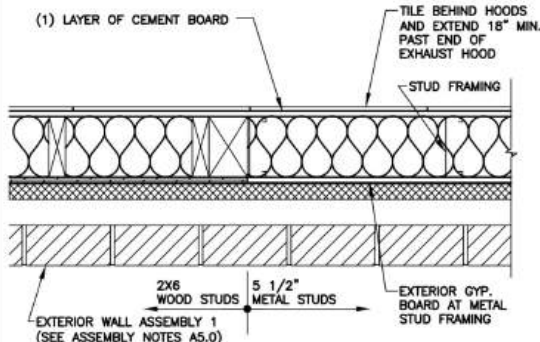
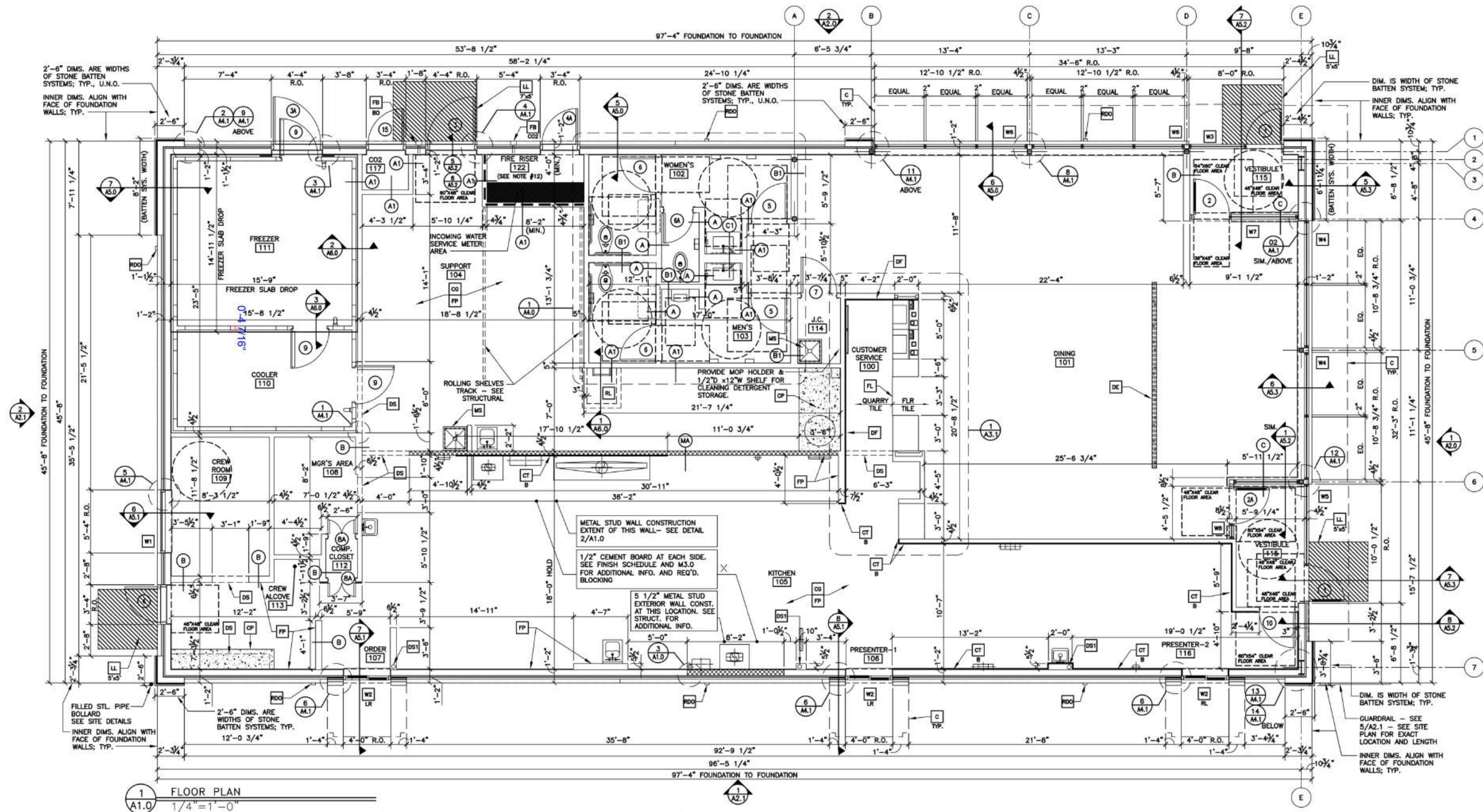
2023 McDonald's USA, LLC
McDonald's USA, LLC
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DRAWN BY: JM
DATE: 2022.09
REVIEWED BY: USRD
DATE ISSUED: 01/16/23
T1.0 COVER

2022 STANDARD BUILDING BB20
4597 WOOD/WOOD
WOOD BEARING WALLS W/4" BRICK EXTERIOR FINISH & CI
WOOD ROOF TRUSS FRAMING
STUCCO/STONE BATTEN/BRICK EXTERIOR FINISH/STONE MANSARD
SITE ID: 042-3377
SHEET NO. T1.0
COVER

042.3377.00.0
T1.0
COVER

042-3377
NEC of MAIN ST. AND COIT RD.
FRISCO, TX 75035



- KEY NOTES**
- ALUMINUM CANOPY SYSTEM ABOVE - SEE 4/A5.0 FOR NOTES - SEE ROOF PLAN FOR DIMENSIONS, SEE ELEVATION FOR COLORS AND FINISH LOCATIONS
 - G.C. TO PROVIDE 4"x4"x5'-0" HIGH STAINLESS STEEL CORNER GUARDS AT ALL EXPOSED LOCATIONS IN KITCHEN/SUPPORT AREA. CORNER GUARDS TO START AT FINISH FLOOR, ATTACH WITH WOOD SCREWS INTO WOOD BLOCKING. BULLROSE COVE BASE WHERE TILE MEETS STAINLESS STEEL CORNER - SEE DETAIL 4/A6.0
 - CONCRETE EOMT PAD - SEE STRUCTURAL & DETAIL 5/A6.0
 - WALL PANELING: COORDINATE WITH McDONALD'S AREA CONSTRUCTION MANAGER AND DECOR DRAWINGS FOR FINAL FINISHES AND COLORS
 - WALL TILE: CROSSVILLE - COLOR BY NUMBERS, COLOR: INTUITIVE GRAY, SIZE: 4"x12", PATTERN: RUNNING BOND, GROUT: MAPEI D2 PEWTER - JOINT TO BE 1/8" MAX. USE THIS TILE WHEN HIGH LRV IS REQUIRED COORDINATE WITH McDONALD'S AREA CONSTRUCTION MANAGER
 - DECOR ELEMENT - VERIFY SIZE AND PLACEMENT WITH DECOR PLANS
 - DROPPED SOFFIT ABOVE - SEE REFLECTED CEILING PLAN
 - PRIMARY ROOF DRAIN MERGED INTO A SINGLE VERTICAL PIPE; RE: ROOF PLAN, ELEVATIONS, CIVIL & MEP DRAWINGS (TIE TO UNDERGROUND STORM DRAINAGE)

- SYMBOL LEGEND**
- CO2 FILL BOX (EQUIPMENT SCHEDULE ITEM 49.00)
 - OPTIONAL BULK OIL FILL BOX (EQPM SCHEDULE ITEM 700.18) CONFIRM USE WITH McDONALD'S AREA CONSTRUCTION MANAGER
 - FLOOR LINE - CHANGE IN MATERIAL - SEE DECOR DRAWINGS
 - FIBERGLASS REINFORCED PLASTIC (FRP) - PANGLAM, GRAY SMOOTH, CLASS C, 075. REFER TO ROOM FINISH SCHEDULE SHEET A6.1 FOR INSTALLATION LOCATIONS. FOR ORDERING, CONTACT KIMBERLY LAWSON (kimberly.lawson@panolam.com 1-866-925-4377)
 - KNOX BOX LOCATION (SEE PLAN). REFER TO GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION
 - LEVEL LANDING - EXT. DOOR W/ MAX. 2% RUNNING/CROSS SLOPE AWAY FROM BUILDING
 - SIZE OF LANDING
 - MOP SINK - SEE DETAIL 8/A6.1 AND PLUMBING DRAWINGS
 - ROOF DRAIN OVERFLOW 4" PIPE (PAINT TO MATCH SURROUNDING MATERIAL)
 - ROOF ACCESS LADDER W/HATCH ABOVE; SEE STRUCTURAL FRAMING PLAN FOR LOCATING DIMENSIONS
 - EXTERIOR WINDOW ASSEMBLY - SEE A2.0, A2.1 & 4/A6.0 FOR ADDITIONAL NOTES

- GENERAL NOTES**
- EXTERIOR DIMENSIONS ARE TO COLUMN REFERENCE LINES AND EXTERIOR FACE OF FINISH UNLESS OTHERWISE NOTED. INTERIOR DIMENSIONS ARE TO FACE OF INTERIOR WALL BOARD.
 - SEE 4/A5.0 FOR EXTERIOR WALL ASSEMBLY TYPES. SEE 2/A1.0 FOR INTERIOR PARTITION TYPES. INTERIOR PARTITIONS ARE TYPE 'A' UNLESS NOTED OTHERWISE.
 - SEE EXTERIOR ELEVATIONS FOR WINDOW TYPES
 - SEE SHEET A5.0 FOR DOOR SCHEDULE AND SHEET A6.1 FOR ROOM FINISH SCHEDULES
 - SEE SITE PLAN FOR SIDEWALKS, RAMPS, ETC.
 - GC TO PROVIDE ADA SIGNAGE PACKAGE AND INSTALL SIGNS AT LOCATIONS AND POSITIONS INDICATED IN PACKAGE OR AS REQUIRED BY LOCAL CODES. SIGNAGE PACKAGE SUPPLIED BY: FRANKIE 25K, CONTACT - JOSH BRAVO; 1-800-989-6100; 9255 DEERING AVE., CHATSWORTH, CA 91311; www.s2kgraphics.com
 - MAXIMUM OCCUPANCY SIGN TO BE POSTED PER LOCAL CODE. SIGN FURNISHED AND INSTALLED BY GENERAL CONTRACTOR.
 - ALL HANDSINK LOCATIONS SHALL HAVE CEMENT BOARD BACKING 48" IN HEIGHT A.F.F.
 - GC TO COORDINATE ALL REQUIRED BLOCKING FOR WALL HUNG EQUIPMENT, SHELVES, ETC. FOR PROPER INSTALLATION HEIGHTS.
 - KNOX BOX TO BE INSTALLED BY GENERAL CONTRACTOR PER LOCAL CODE AS REQUIRED. MODEL AND LOCATION TO BE COORDINATED WITH LOCAL FIRE MARSHAL. G.C. TO COORDINATE WITH OWNER IF FINAL LOCATION IMPACTS THE VERTICAL BATTEN SYSTEM DESIGN
 - DASHED LINES - DOORS, RESTROOMS, & FIXTURES REPRESENT CLEAR FLOOR MANEUVERING CLEARANCES AS REQUIRED BY THE ACCESSIBILITY CODE. CLEARANCES MUST BE MAINTAINED WITHOUT EXCEPTION. IF CONDITIONS PREVENT ANY CLEAR FLOOR SPACE FROM BEING MAINTAINED, CONTACT THE ARCHITECT FOR RESOLUTION.
 - 1HR. FIRE RATED FIRE RISER ROOM - 5/8" TYPE 'X' GYP. BD. ON ALL (4) WALLS - ON EACH SIDE OF INTERIOR STUDS. ALL FIRE RATED GYP. BD. TO EXTEND UP TO UNDERSIDE OF NEW ROOF DECK ABOVE (ALL 4 WALLS). G.C. TO PROVIDE MIN. CLEARANCE IN FRONT OF AND EACH SIDE(S) OF FIRE SPRINKLER

McDonald's USA, LLC
2022 STANDARD BUILDING BB20
4597 WOOD/WOOD

Castles Design Group
A Professional Corporation
3801 Kirby Dr., Suite 600
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Tel: 713 864 7971
Fax: 713 864 9765

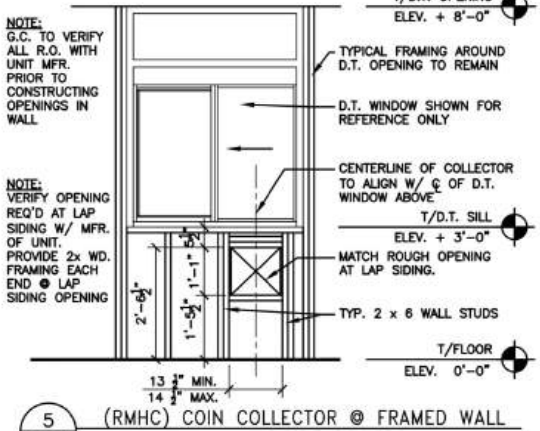
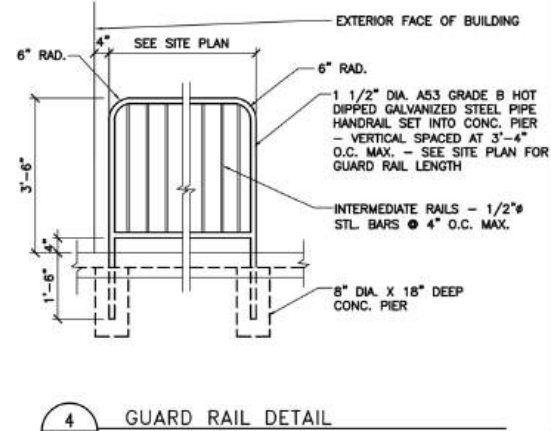
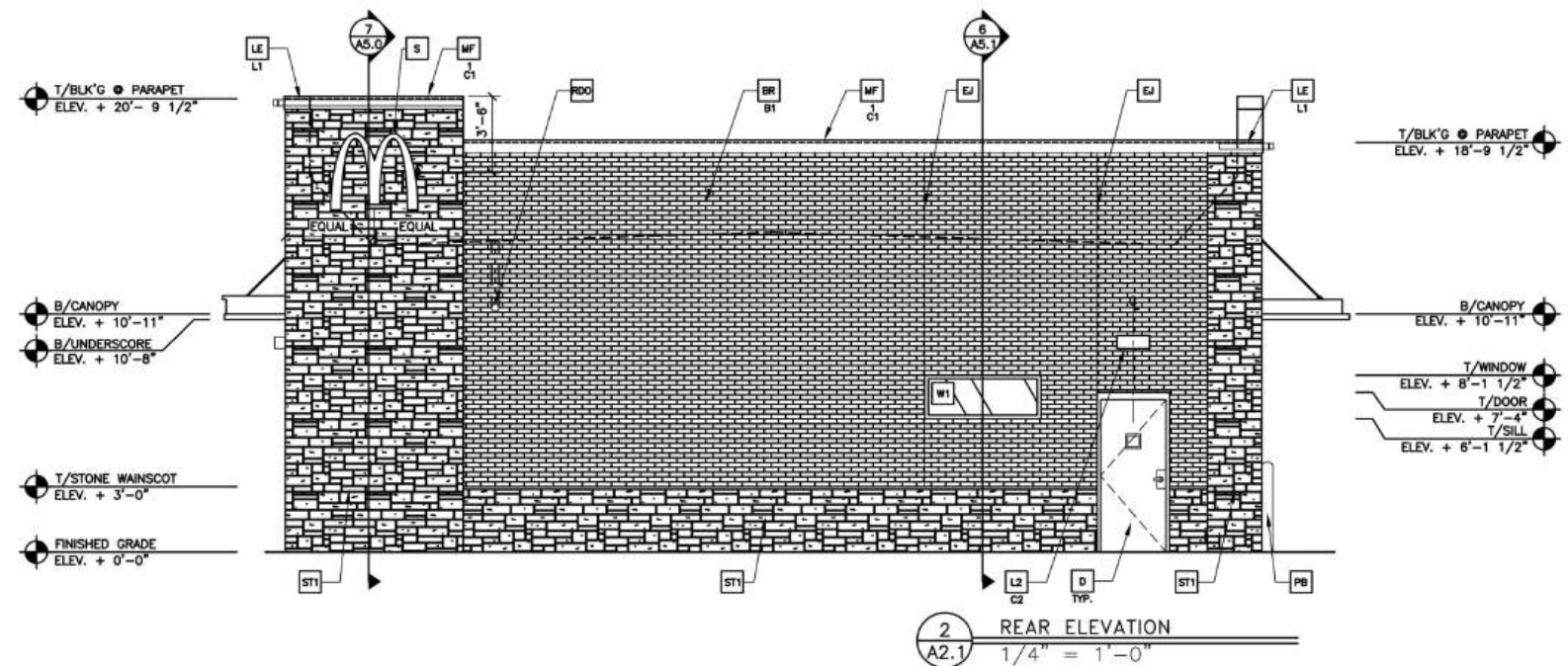
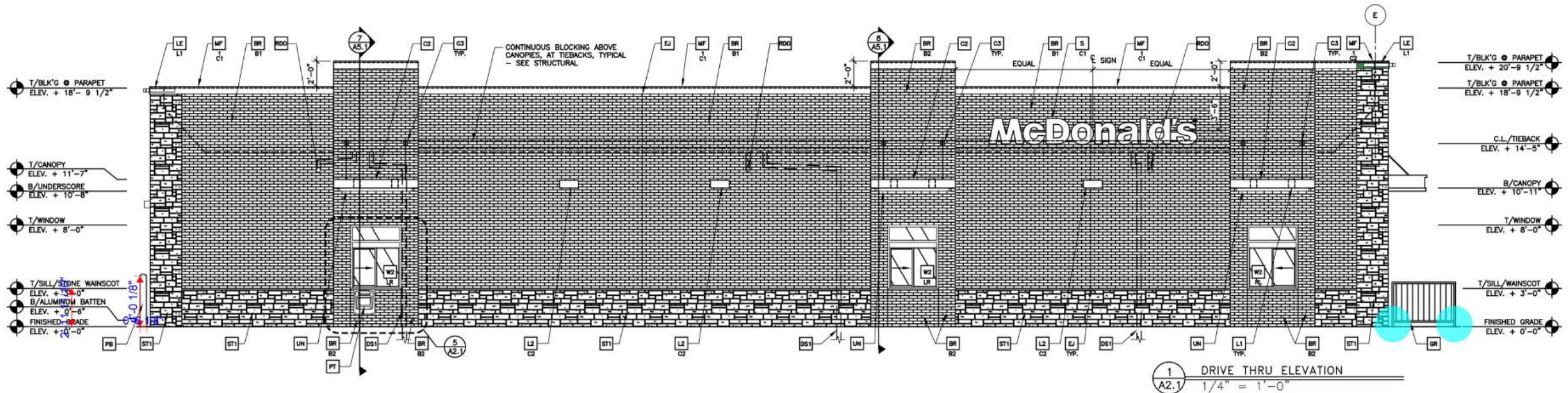
REVISIONS

NO.	DATE	DESCRIPTION
1	01/16/23	ISSUED FOR PERMIT

DATE 01/16/23
BY JLM
CHKD JLM
APPD JLM

PROJECT 2022 STANDARD BUILDING BB20
LOCATION 4597 WOOD/WOOD
DESCRIPTION WOOD BEARING WALLS W/ 1/2" BRICK EXTERIOR FINISH & C
WOOD ROOF TRUSS FRAMING
STUCCO/STONE BATTEN/BRICK EXTERIOR FINISH/STONE WANSICOT
SITE ADDRESS: 4597 WOOD/WOOD
NEC. OF MAIN ST. AND COT. RD.
4597-3377

PREPARED BY: JLM
DATE: 01/16/23
BY: JLM
DATE: 01/16/23
DESCRIPTION: FLOOR PLAN



KEY NOTES:

- BR MODULAR FACEBRICK
B1- COLOR:
B1 = "SLATE GRAY" BY ACME BRICK (OR REGIONALLY APPROVED EQUAL); MORTAR SM250 ANTIQUE WHITE BY SPEC MIX (OR APPROVED EQUAL)
B2 = "KO KO PLUS CHOCOLATE" BY ACME BRICK (OR REGIONALLY APPROVED EQUAL); MORTAR SM400 MEDIUM BUFF BY SPEC MIX (OR APPROVED EQUAL). BRICK "B2" SHALL COURSE OUT TO ALIGN WITH THE ADJACENT "B1" FIELD BRICK
- C1 ALUMINUM CANOPY SYSTEM W/FASCIA
COLOR: WHITE
- C2 ALUMINUM CANOPY SYSTEM
COLOR: RAL 7022
- C3 ALUMINUM CANOPY TIEBACK
COLOR: RAL 7022
GC TO PROVIDE CONTINUOUS BLOCKING ON WALL BEHIND TIEBACKS
- C4 CONTROL JOINT
T-TYPE: 1 = STUCCO
- D HOLLOW METAL DOOR
PAINT: MATCH "TIMBER BARK" HARDIE SIDING
- DE DECAL BY GRAPHICS SUPPLIER
SURFACE APPLIED, FIELD INSTALLED, PRE CUT, PRE SPACED.
SUPPLIERS:
VOMELA (885) 330-7337, ann.bowen@vomela.com
DEX INTERNATIONAL (847) 543-4600, mcdonaldsdecor@ghx.com
- DS1 PRIMARY ROOF DRAIN; RE: ROOF PLAN, CML & MEP DRAWINGS (TIE TO UNDERGROUND STORM DRAINAGE)
- FB FILL BOX
C02 = BULK C02 FILL BOX (EQPM SCHEDULE ITEM 49.00)
B0 = BULK OIL FILL BOX (EQPM SCHEDULE ITEM 700.18)
- GR GUARD RAIL - SEE SITE PLAN FOR EXACT LOCATION AND LENGTH; SEE 4/A2.1 FOR DETAILS
PAINT: "IRON ORE" SW 7069 BY SHERWIN WILLIAMS
- L1 RECESSED DOWN LIGHT FIXTURE - SEE ELECTRICAL
COLOR: GOLD
- L2 RADIAL SCONCE LIGHT FIXTURE - SEE ELECTRICAL
C1 COLOR:
C1 = WHITE
C2 = PLATINUM SILVER
- LE ACCENT LIGHTING - SEE ELECTRICAL
L1- LED LIGHT:
L1 = SUN LED (DOWN ONLY)
L2 = INTEGRAL CANOPY FIXTURE
L3 = UP ONLY FLOOD FIXTURE
- MF METAL FASCIA
C1- TYPE:
1 = PRE-FAB ANCHOR-TITE FASCIA
2 = BOTTOM TRIM AT METAL REVEAL PANEL
3 = VERTICAL TRIM AT METAL REVEAL PANEL
CORNERS, CLOSURES
COLOR:
C1 = WEATHERED ZINC
C2 = RAL 7022
- MS MASONRY STUCCO; REFER TO ASSEMBLY NOTES ON A5.0
C1- COLOR:
C1 = "IRON ORE" SW7069 BY SHERWIN WILLIAMS
C2 = PAINT TO MATCH "TIMBER BARK" HARDIE SIDING
- PB PIPE BOLLARD - PAINTED YELLOW
- PT (RMHC) COIN COLLECTOR
UNIT: APERTURE WPT, #DTA2013
CALL 1-877-766-7642 TO ORDER
- R00 ROOF DRAIN OVERFLOW PIPE PAINT TO MATCH SURROUNDING MATERIAL
- S McDONALD'S SIGNAGE BY OTHERS - UNDER SEPARATE PERMIT.
C1- COLOR:
C1 = WEATHERED ZINC RACEWAY
C2 = RAL 7022 RACEWAY
- ST C02 STROBE/ALARM. SEE MECHANICAL DRAWINGS FOR SPECIFICATION.
- ST1 THIN CUT DRY-STACKED STONE VENEER BY TELLURIDE STONE COMPANY; SIZES VARY (3/4" - 1 1/4")
STONE SERIES: HERITAGE, COLOR: "BILTMORE" (OR APPROVED EQUAL) - SEE ASSEMBLY NOTES ON 4/A5.0
- UN METAL UNDERSCORE
COLOR: GOLD
- W1 EXTERIOR WINDOW ASSEMBLY - TEMPERED GLASS
COLOR: DARK BRONZE - SEE ASSEMBLY NOTES ON 4/A5.0 & FRAME TYPES ON SHEET A6.0
- W2 DRIVE-THRU WINDOW BY READY ACCESS
MODEL: 600 SERIES, 36" SERVICE HEIGHT WITH TRANSOM, MANUAL OPEN; ELECTRONIC RELEASE
COLOR: DEEP BRONZE
SLIDE DIRECTION: RL = RIGHT TO LEFT
LR = LEFT TO RIGHT
- W3 EXTERIOR SIDELITE SILL DETAIL BY TUBELITE; COLOR: DARK BRONZE (OR APPROVED EQUAL) (RE: A5.2 WALL SECTION)

NO.	REV	DATE	DESCRIPTION	BY
1				
2				
3				
4				
5				

PREPARED BY:

Castles Design Group
A Professional Corporation
3801 Kirby Dr., Suite 600
Houston, Texas 77098
Tel: 713 664 7974
Fax: 713 664 9756

REGISTERED ARCHITECT
ALEXANDER M. JONES
STATE OF TEXAS
17 JAN. 2023

PREPARED FOR: **McDonald's USA, LLC**
2023 McDonald's USA, LLC
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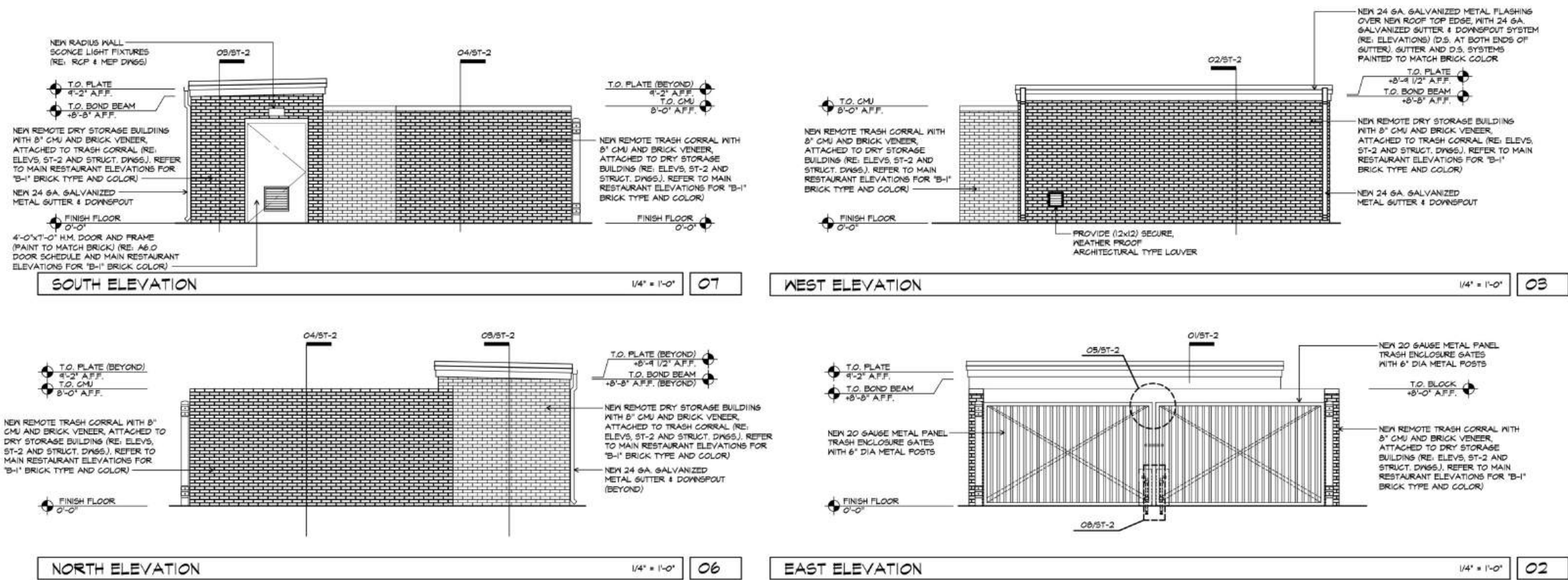
DATE	BY	REVIEWED BY	DATE ISSUED	DATE	BY
2022-09	JM	USRD	01/16/23		

TITLE: 2022 STANDARD BUILDING BB20
4597 WOOD/WOOD
DESCRIPTION: WOOD BEARING WALLS W/4" BRICK EXTERIOR FINISH & C1 WOOD ROOF TRUSS FRAMING
STUCCO/STONE BATTEN/BRICK EXTERIOR FINISH/STONE WAINSCOT
SITE ADDRESS: SEC OF MAIN ST. AND COIT RD.
FRS202, TX 75035
SHEET NO. 042-3377

042-3377.00.0
A2.1
ELEVATIONS

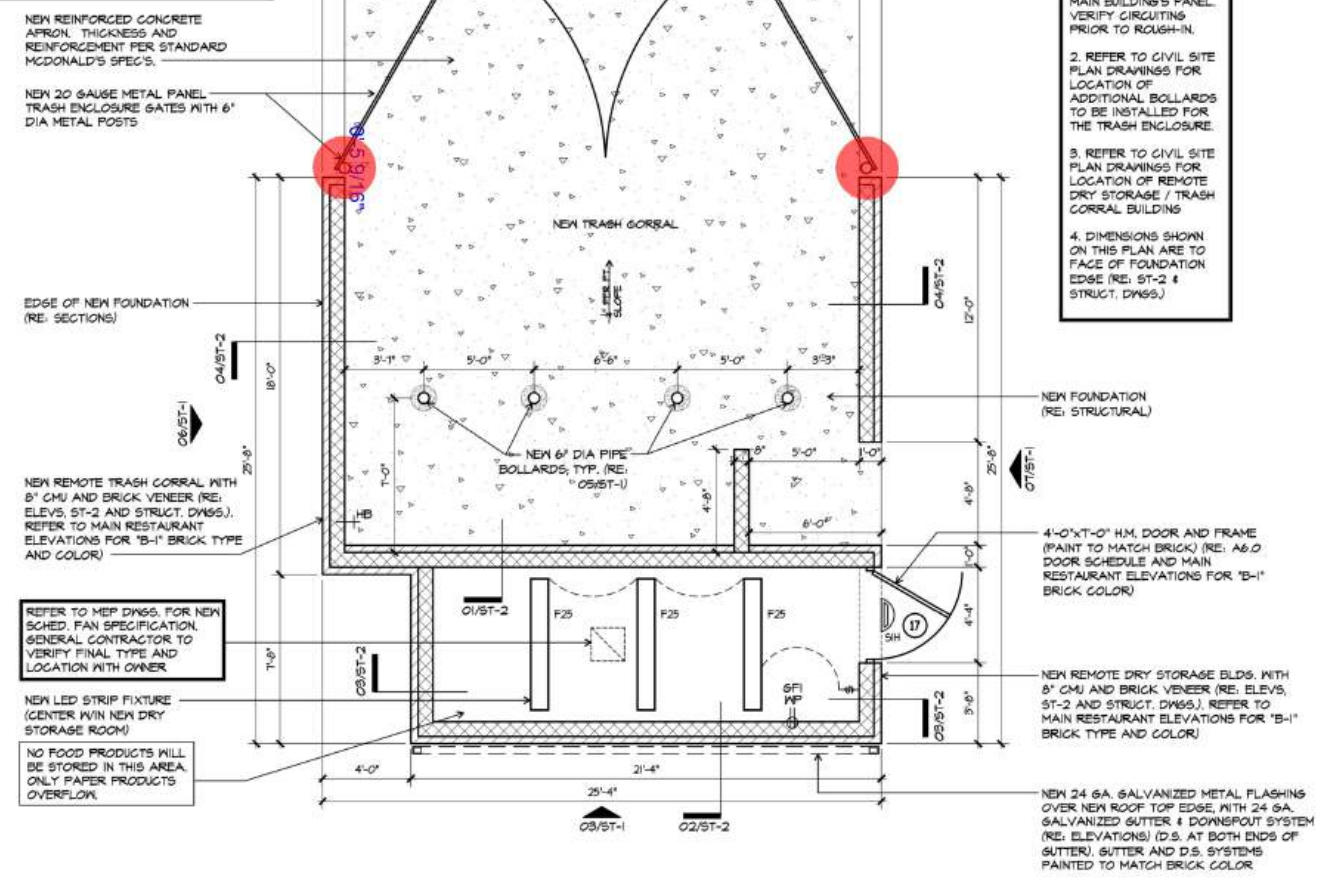
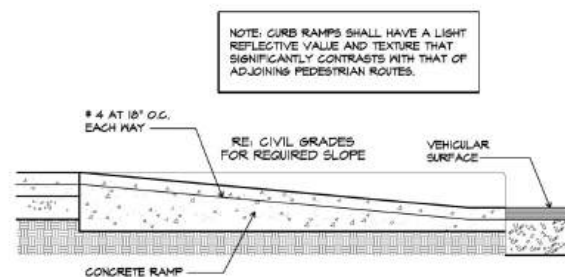
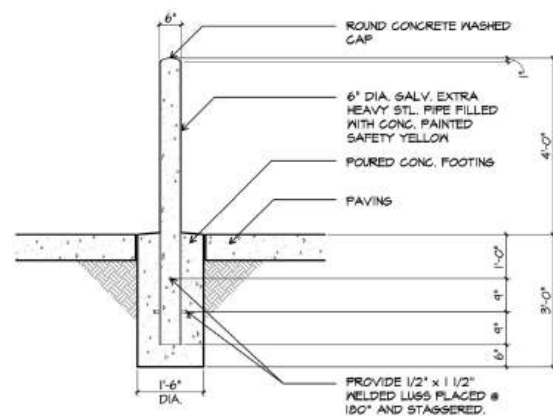
8"Dia. x 18"Deep, Concrete Pier

2.0 EA



LIGHTING FIXTURE SCHEDULE:

MARK	SYMBOL	DESCRIPTION	DIFFUSER	LAMP'S		BALLAST	MOUNTING	ROOM	MANUFACTURER AND CATALOG NUMBER
				WATTS	TYPE				
F25		LED STRIP LIGHT	-	2-32W	LED	-	SURFACE OR SUSPENDED	REMOTE DRY STORAGE	COLUMBIA LIGHTING / LCL4-40ML-EDU
SIH		"DOWN ONLY" RADIAL WALL SCONCE	TEMPERED GLASS	(1)-14W	LED	-	SURFACE TO WALL	REMOTE DRY STORAGE	SECURITY LIGHTING / RWSC-30L-SK-00-U-PS



PREPARED BY:

Castles Design Group

A Professional Corporation
3801 Kirby Dr., Suite 600
Houston, Texas 77096
tel: 713 864 7974
fax: 713 864 9756

REGISTERED ARCHITECT
STATE OF TEXAS
17 JAN 2023

PREPARED FOR: McDonald's USA, LLC

2023 McDonald's USA, LLC

McDonald's USA, LLC

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CONTRACTOR NOTE:

1. ALL LIGHTING AND EQUIPMENT SHALL BE CONNECTED TO AN APPROPRIATE AVAILABLE CIRCUIT IN MAIN BUILDING'S PANEL. VERIFY CIRCUITING PRIOR TO ROUGH-IN.
2. REFER TO CIVIL SITE PLAN DRAWINGS FOR LOCATION OF ADDITIONAL BOLLARDS TO BE INSTALLED FOR THE TRASH ENCLOSURE.
3. REFER TO CIVIL SITE PLAN DRAWINGS FOR LOCATION OF REMOTE DRY STORAGE / TRASH CORRAL BUILDING.
4. DIMENSIONS SHOWN ON THIS PLAN ARE TO FACE OF FOUNDATION EDGE (RE: ST-2 & STRUCT. DWGS.).

DRAWN BY: JM
STD. ISSUE DATE: 2022.09
REVIEWED BY: USRD
DATE ISSUED: 01/16/23

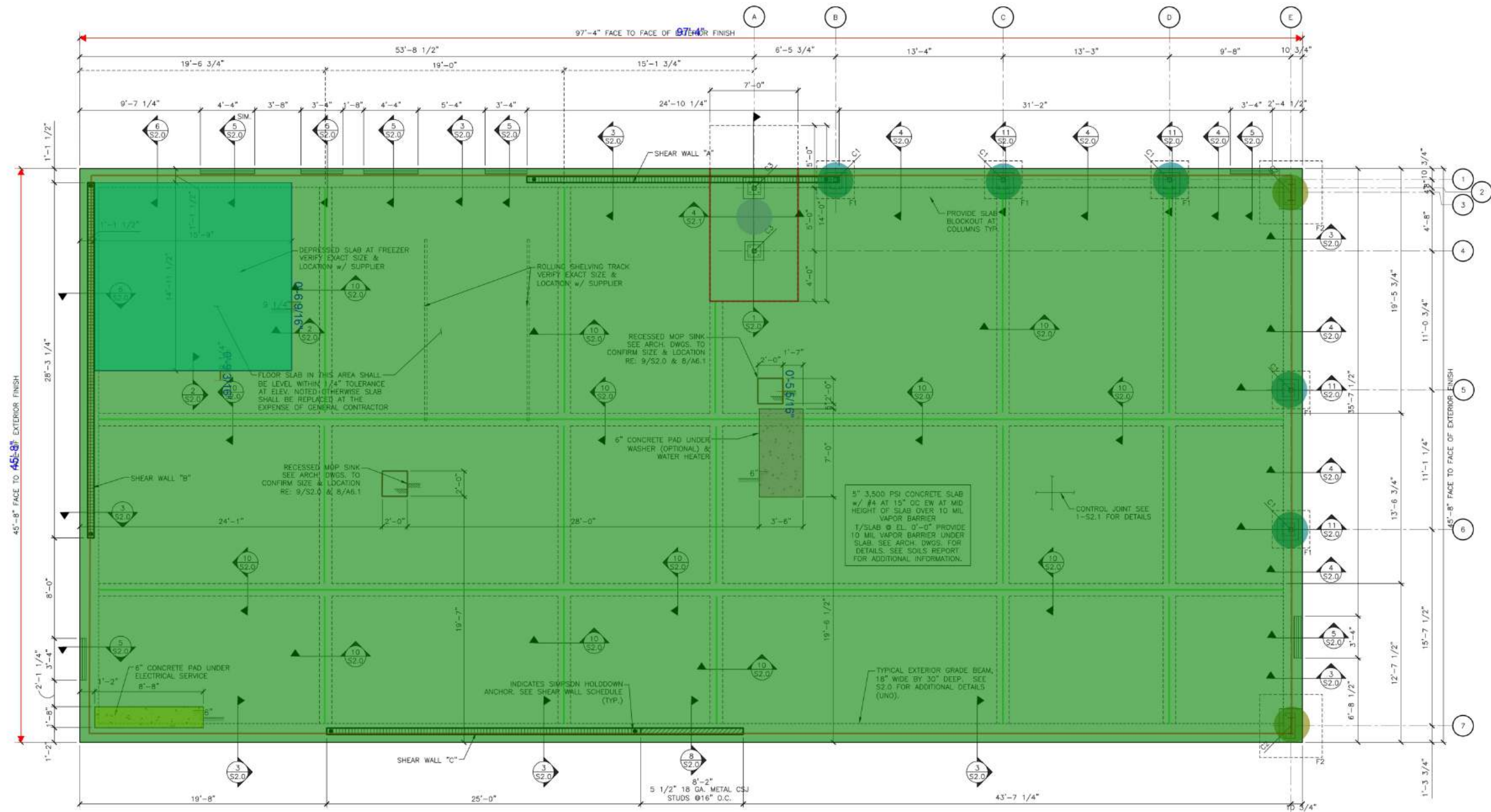
TITLE: 2022 STANDARD BUILDING BB20
4597 WOOD/WOOD
DESCRIPTION: WOOD BEARING WALLS W/4" BRICK EXTERIOR FINISH & CI WOOD ROOF TRUSS FRAMING
SITE ID: ST-1
SITE ADDRESS: 042-3377
FMSD, TX 75035

042.3377.00.0

ST-1
DRY STORAGE/TRASH CORRAL

• 6"Dia. Concrete Filled Post @ Gate (8'-0"High) W/ 1'-6"Dia. x 3'-0"High, Circular Footing

2.0 EA



- INDICATES METAL STUD FRAME WALL. SEE 8/S2.0 FOR SHEAR WALL INFORMATION
- INDICATES FRAME SHEAR WALL. SEE S3.2 FOR SHEAR WALL INFORMATION
- INDICATES DEPRESSION IN FOUNDATION WALL @ DOORS. SEE 5/S2.0 FOR THRESHOLD DETAIL.

1 FOUNDATION PLAN
1/4" = 1'-0"

- NOTES:
- N/A
 - N/A
 - SEE SHEET S4.0 FOR GENERAL STRUCTURAL NOTES.
 - PROVIDE POSITIVE DRAINAGE TO ALL FLOOR DRAINS/SINKS (MIN 6") BEYOND GRADE. SEE PLUMBING DRAWINGS FOR EXACT LOCATIONS.
 - SEE SHEET S2.1 FOR THE LOCATION OF THE SHEAR WALLS. THE SHEAR WALLS SHALL BE CONSTRUCTED WITH A MINIMUM OF 12" O.C. REBAR. THE MAXIMUM DISTANCE FROM THE END OF THE WALL TO THE FIRST REBAR SHALL BE 12".
 - WHERE WALL PLATES ARE NOT CONTINUOUS, WALLS SHALL BE REINFORCED WITH 12" O.C. REBAR. THE REBAR SHALL BE LAPPED WITH 12" O.C. LAPS. THE LAPS SHALL BE LOCATED IN THE MIDDLE OF THE SPACING BETWEEN STUDS. - 18" O.C.
 - WHERE WALL PLATES ARE NOT CONTINUOUS, OR RECORD FOR REINFORCEMENT.
- 5.0 EA TO FOUNDATION:
1.0 EA 12"
2.0 EA 4"
280.2 FT 12"
383.0 FT 4"
14.5 SQ FT 12"
24.6 SQ FT 4"
30.7 FT WALLS, CONTACT ENGINEER
235.0 SQ FT
44.2 FT
4445.4 SQ FT

FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F1	3'-0"x3'-0"x2'-6"	4-#6 E.W.-B.
F2	5'-0"x5'-0"x2'-6"	6-#6 E.W.-B.
F3	7'-0"x14'-0"x3'-0"	8-#7 L.W.-T&B #5 @ 12" O.C. S.W.-T&B

COLUMN & BASE PLATE SCHEDULE				
MARK	MEMBER	SHAPE	BASE PLATE	REMARKS
C1	HSS4x4x1/4	⊕	A	EXTEND TO ROOF
C2	W16x31	⊕	C	MOMENT FRAME
C3	HSS4x4x1/4	⊕	B	BRACED FRAME

NOTE: SEE DETAIL 2/S2.1 FOR BASE PLATE AND ANCHOR ROD DETAILS

- F1: 3'-0" x 3'-0" x 2'-6" Deep, Pad Footing W/ (4) #6 Rebar E.W. Bott.
- F2: 5'-0" x 5'-0" x 2'-6" Deep, Pad Footing W/ (6) #6 Rebar E.W. Bott.
- F3: 7'-0" x 14'-0" x 3'-0" Deep, Pad Footing W/ (8) #7 Rebar L.W. T&B, #5 Rebar @ 12" O.C. S.W. T&B
- 1'-6" Wide x 2'-6" High, Exterior Grade Beam W/ (4) #6 Rebar Cont. & #3 Stirrups @ 16" O.C., 4"x4" Thickened Edge
- 1'-0" Wide x 1'-7" High, Interior Grade Beam W/ (4) #6 Cont. Rebar & #3 Ties @ 18" O.C. & (2) 4"x4" Thickened Edge
- 6" Thick, Concrete Pad @ Electrical Service
- 6" Thick, Concrete Pad @ Washer & Heater
- 1'-0" Wide x 1'-6" High, Cont. Footing @ Depressed Slab W/ (4) #5 Cont. & #3 Ties @ 14" O.C., (2) 4"x4" Thickened Edge
- 5'-1/4" Thick, Depressed/ Floating Slab W/ #3 Rebar @ 12" O.C. E.W. & Rigid Insulation
- 4"x4", Thickened Edge
- 5" Thick, Concrete Slab W/ #4 @ 15" O.C. E.W. Over 10MIL Vapor Barrier & 1-1/4" Deep, Control Joint Fill W/ Mastic

PREPARED BY:
SBE PROJ NO: 066-530

SCHULTZ
BURMAN
ENGINEERING

TEXAS REGISTERED ENGINEERING FIRM
1-30433

12044 WILLOW CENTER DR., SUITE B
HOUSTON, TX 77055
PHONE: 832.286.1122 FAX: 832.286.1160

STATE OF TEXAS
Professional Engineer
ANDREW D. BURMAN
100004
1/16/23

PREPARED FOR:
McDonald's USA, LLC

2023 McDonald's USA, LLC
These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. The contract documents were prepared by McDonald's USA, LLC and shall be used only for the project and site not suitable for use on a different site or at a later time. Use of these drawings for reference or example on another project requires the approval of McDonald's USA, LLC. The contract documents for reuse on another project is not authorized.

DRAWN BY:
AQB

STD ISSUE DATE
2022_09

REVIEWED BY:
USRD

DATE ISSUED
01/16/23

SHEET NO.
S1.0

FOUNDATION PLAN

042.3377.00.0

042-3377

PREPARED BY:
SBE PROJ NO: 066-530

DATE
1/16/23

DESCRIPTION
2022 STANDARD BUILDING BB20
4597 WOOD/WOOD

DESCRIPTION
WOOD BEARING WALLS W/4" BRICK EXTERIOR FINISH & CI
WOOD ROOF TRUSS FRAMING
STRUCTURE/STONE/BRICK EXTERIOR FINISH/STONE/BRICK

PREPARED BY:
SBE PROJ NO: 066-530

DATE
1/16/23

DESCRIPTION
2022 STANDARD BUILDING BB20
4597 WOOD/WOOD

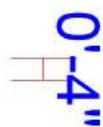
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WOOD BEARING WALLS W/4" BRICK EXTERIOR FINISH & CI
WOOD ROOF TRUSS FRAMING
STRUCTURE/STONE/BRICK EXTERIOR FINISH/STONE/BRICK

PREPARED BY:
SBE PROJ NO: 066-530

DATE
1/16/23

DESCRIPTION
2022 STANDARD BUILDING BB20
4597 WOOD/WOOD

DESCRIPTION
WOOD BEARING WALLS W/4" BRICK EXTERIOR FINISH & CI
WOOD ROOF TRUSS FRAMING
STRUCTURE/STONE/BRICK EXTERIOR FINISH/STONE/BRICK

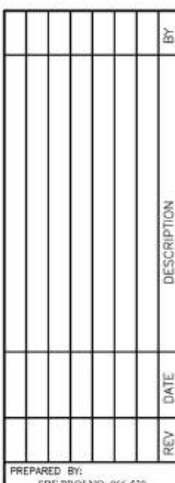


1'-6 1/16"



Technical drawing of a rectangular panel with dimensions and labels:

- Overall width: 0'-4"
- Overall height: 2'-6"
- Panel width: 1'-6"
- Panel height: 1'-6"
- Top reinforcement: 2-#6 TOP
- Bottom reinforcement: 2-#6 BOT
- Reinforcement spacing: 3" OC
- Clearance: 3" CLR. TYPICAL



TEXAS REGISTERED ENGINEERING FIRM
E-30435

12404 WILLOW CENTRE DR., SUITE B
HOUSTON, TEXAS 77066
PHONE: 832-286-1627 FAX: 832-286-1699

and
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d.

ISSUED BY	DATE	ISSUED BY	DATE
09	09	09	09
RD	RD	RD	RD
ISSUED	ISSUED	ISSUED	ISSUED
6/23	6/23	6/23	6/23
5035	5035	5035	5035

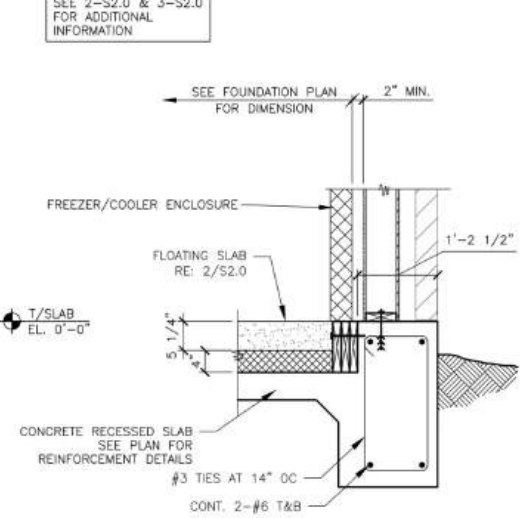
18	ci	WAINSCOT	FR
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LDING
EXTERIOR
RIOR FINIS
COT RD.

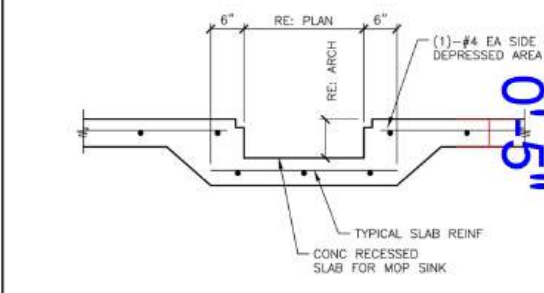
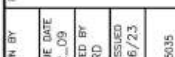
STANDARD
WOOD/WOOD

TITLE	20'	DESC	WOOD	WOOD	STUD	SITE 1	042-
	459						

SHEET 1
S2.0
FOUNDATION SECTIONS



6
S2.0



10
S2.0

INTERIOR GRADE BEAM

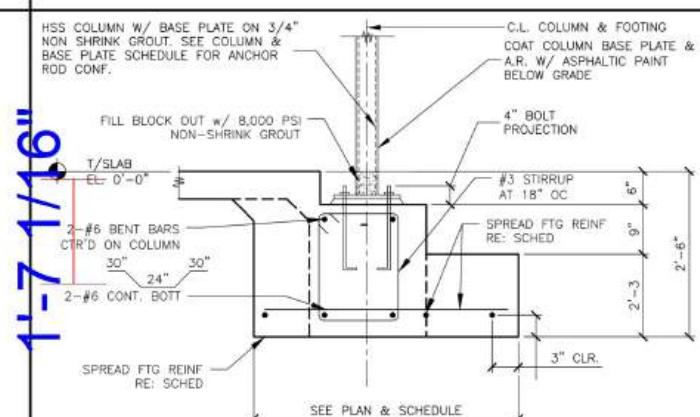
$3/4" = 1'-0"$



11
S2.0

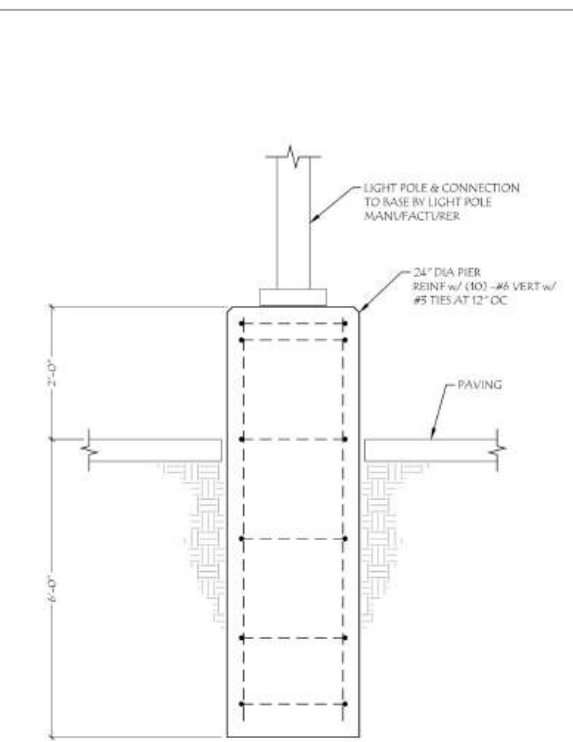
TYP DETAIL AT STEEL COLUMN

$3/4" = 1'-0"$

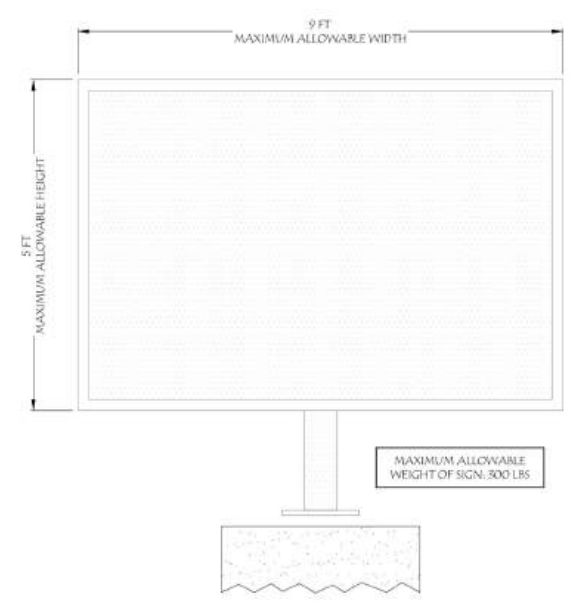


MISC FOUNDATION NOTES:

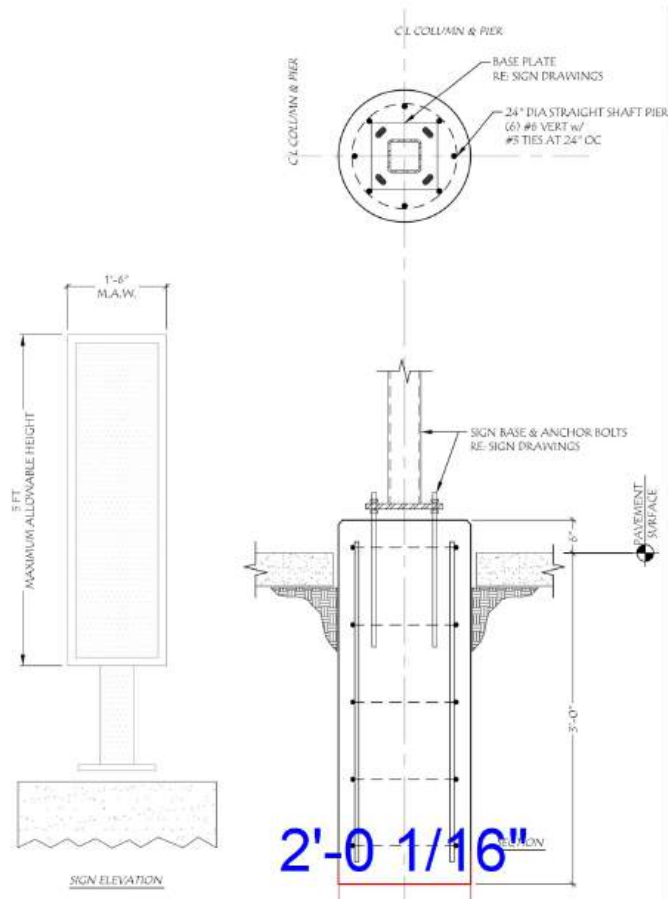
1. THE FOUNDATION STRUCTURES ARE DESIGNED IN ACCORDANCE WITH THE BUILDING CODE STATED ON S4.0
2. THE DESIGN LOADS FOR THE PROJECT ARE AS SHOWN ON S4.0
3. FOUNDATIONS HAVE BEEN DESIGNED FOR A PRESUMED SOIL BEARING CAPACITY OF 1,500 PSF IN ACCORDANCE WITH THE ALLOWABLE BEARING PRESSURE DETERMINED FROM THE INTERNATIONAL BUILDING CODE EDITION LISTED ON S4.0
4. CONCRETE FOR THE FOUNDATIONS SHALL BE A MIX DESIGN IN ACCORDANCE WITH ACI 301, (LATEST EDITION) TO ACHIEVE A 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI
5. REINFORCING STEEL SHALL BE DEFORMED BARS, FREE FROM LOOSE RUST AND SCALE AND CONFORMING TO ASTM A-615, GRADE 60.
6. DESIGN OF SIGN STRUCTURE AND CONNECTION TO FOUNDATION ARE BY OTHERS.
7. MAXIMUM ALLOWABLE SIZE OF THE SIGNS TO BE SUPPORTED BY THESE FOUNDATIONS IS PROVIDED. CONTRACTOR IS RESPONSIBLE FOR VERIFYING SIZE OF PROPOSED SIGNS DOES NOT EXCEED THESE ALLOWABLE DIMENSIONS. NOTIFY THIS OFFICE OF SIGNS EXCEEDING ALLOWABLE DIMENSIONS SO FOUNDATION DESIGN CAN BE REVISED.



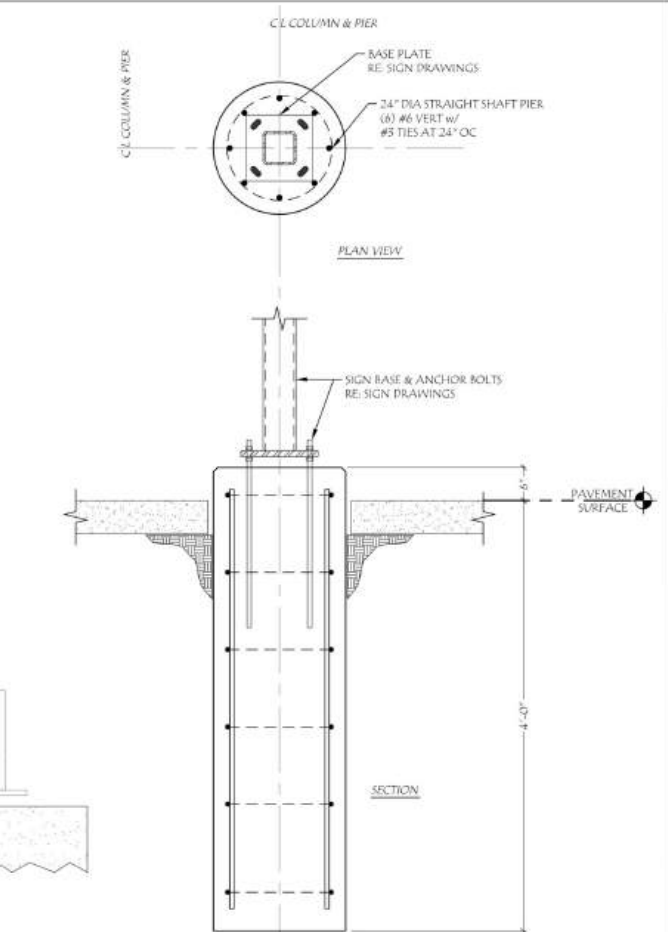
5 LIGHT POLE FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"



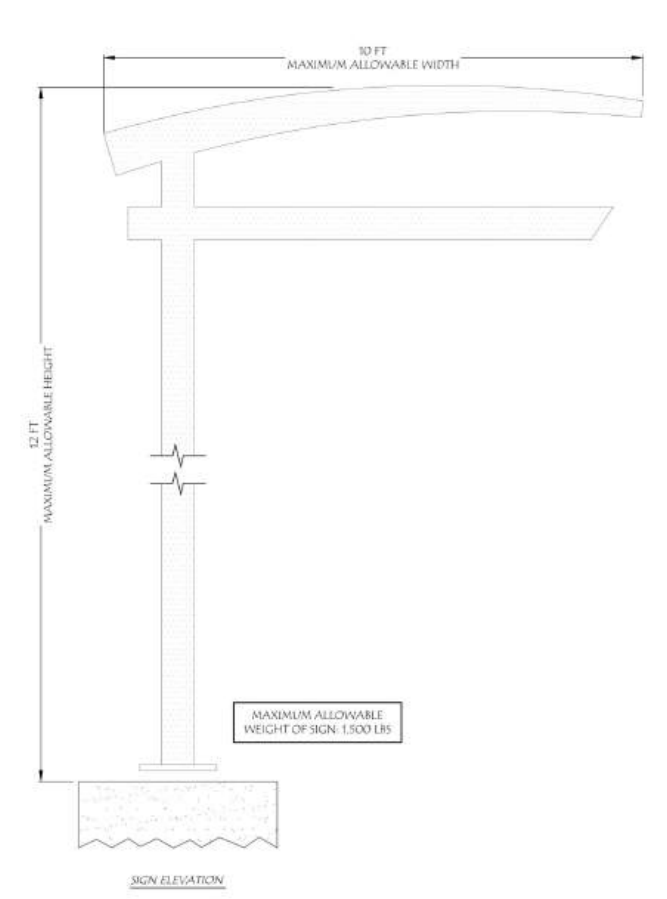
3 MENU BOARD SIGN FOUNDATION DETAILS
SCALE: 3/4" = 1'-0"



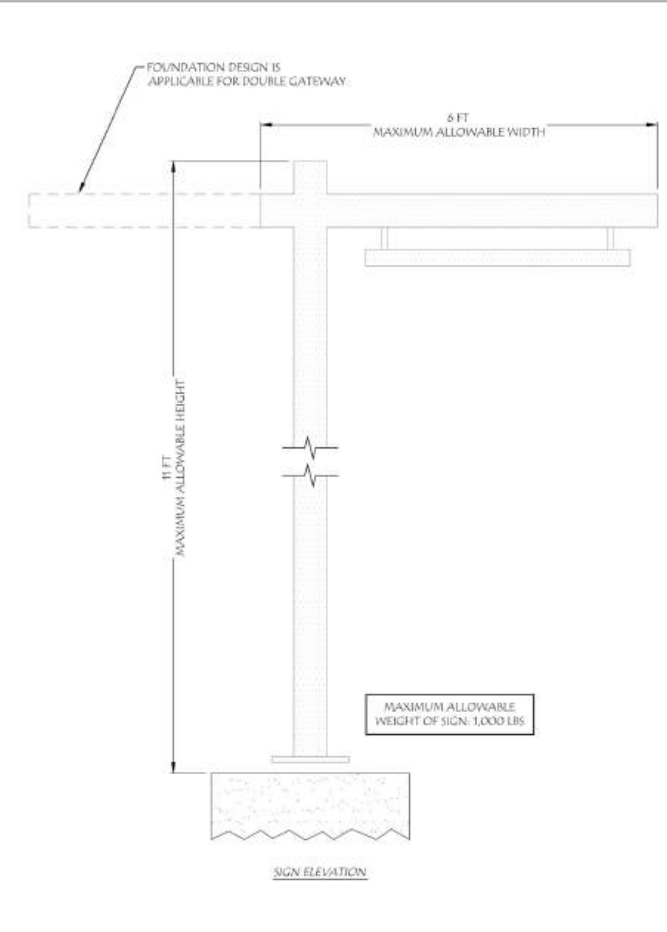
4 PRE-SELL MENU BOARD & DIRECTIONAL SIGN FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"



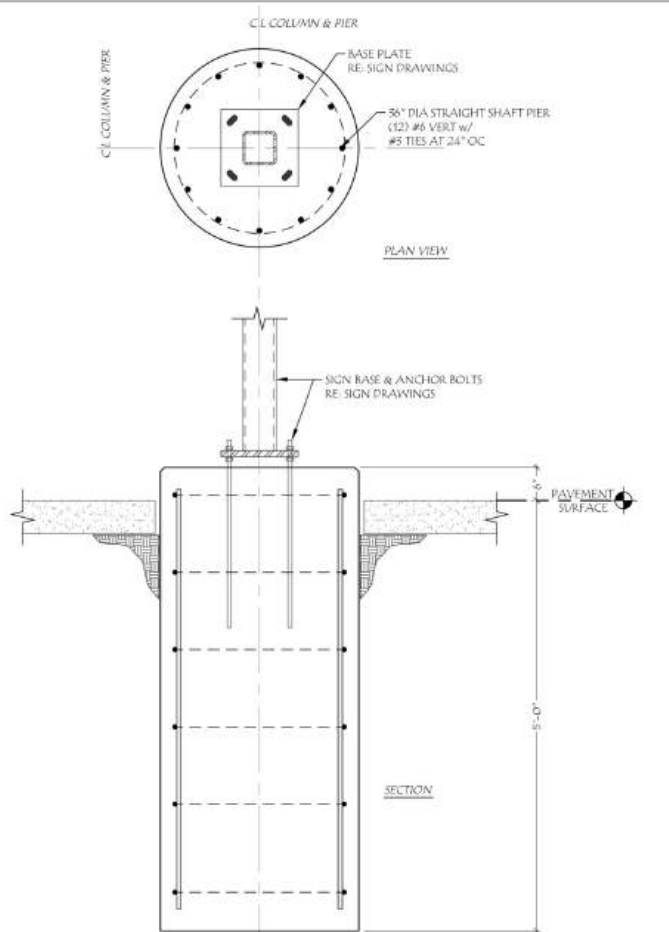
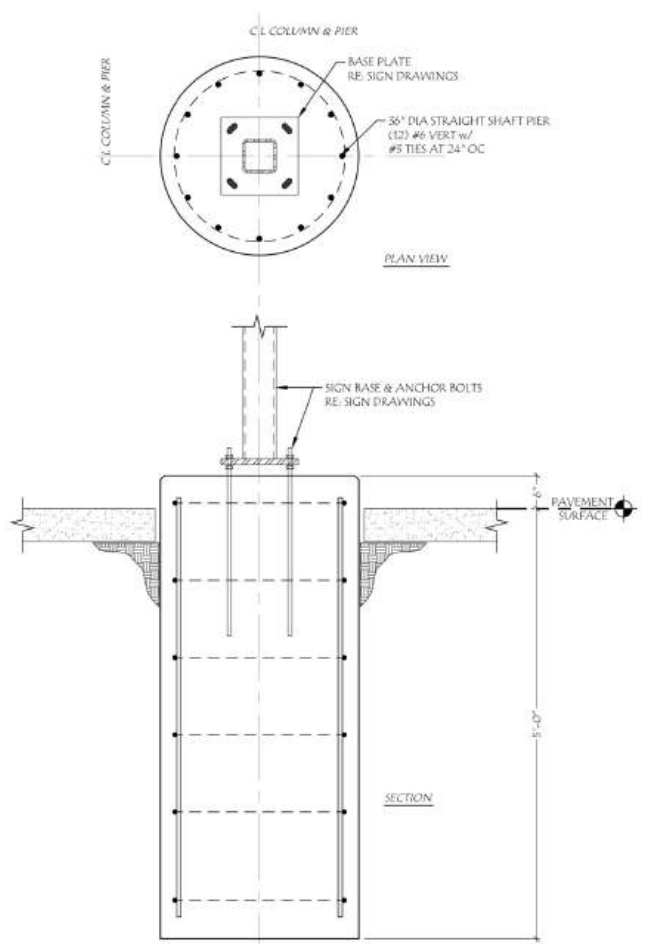
4 PRE-SELL MENU BOARD & DIRECTIONAL SIGN FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"



2 C.O.D. SIGN FOUNDATION DETAILS
SCALE: 3/4" = 1'-0"



1 GATEWAY SIGN FOUNDATION DETAILS
SCALE: 3/4" = 1'-0"



REV	DATE	DESCRIPTION	BY

PREPARED BY:
SBE PROJ NO: 066-530

SCHULTZ BURMAN ENGINEERING
TEXAS REGISTERED ENGINEERING FIRM
1-30433
13404 WILLOW CENTER DR., SUITE B
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PHONE: 832.286.1022 FAX: 832.286.1000

STATE OF TEXAS
Andrew D. Burman
100004
LICENSED PROFESSIONAL ENGINEER

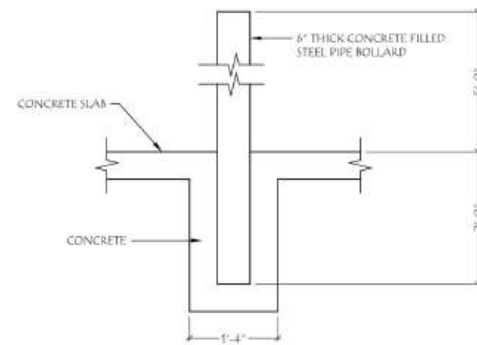
1/16/23

2023 McDonald's USA, LLC
McDonald's USA, LLC
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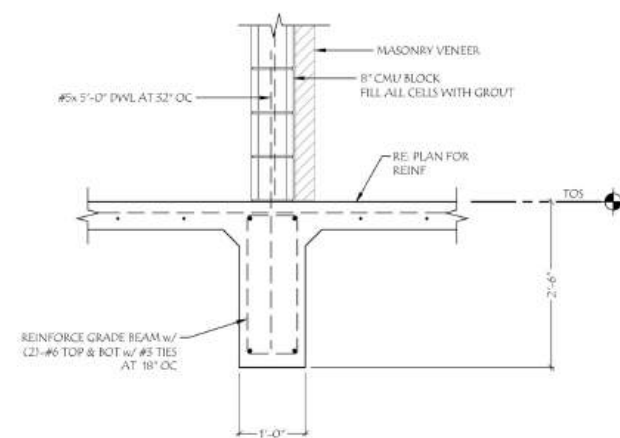
ADWBY	STD	ISSUE	DATE

TITLE: 2022 STANDARD BUILDING BB20
4597 WOOD/WOOD
DESCRIPTION: WOOD BEARING WALLS W/4" BRICK EXTERIOR FINISH & CI WOOD ROOF TRUSS FRAMING
STUCCO/STONE BATTEN/BRICK EXTERIOR FINISH/STONE WAINSCOT
SITE ID: 042-3377
SITE ADDRESS: SEC. of MAIN ST. AND COT RD.
PRSCO, TX 75035

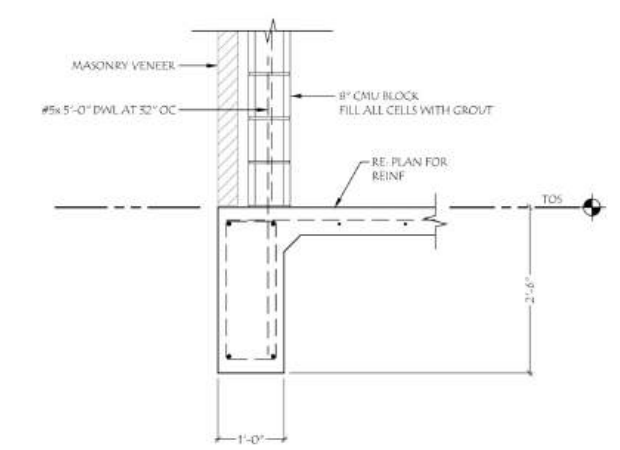
SHEET NO. 042.3377.00.0
S5.0
STRUCTURAL NOTES



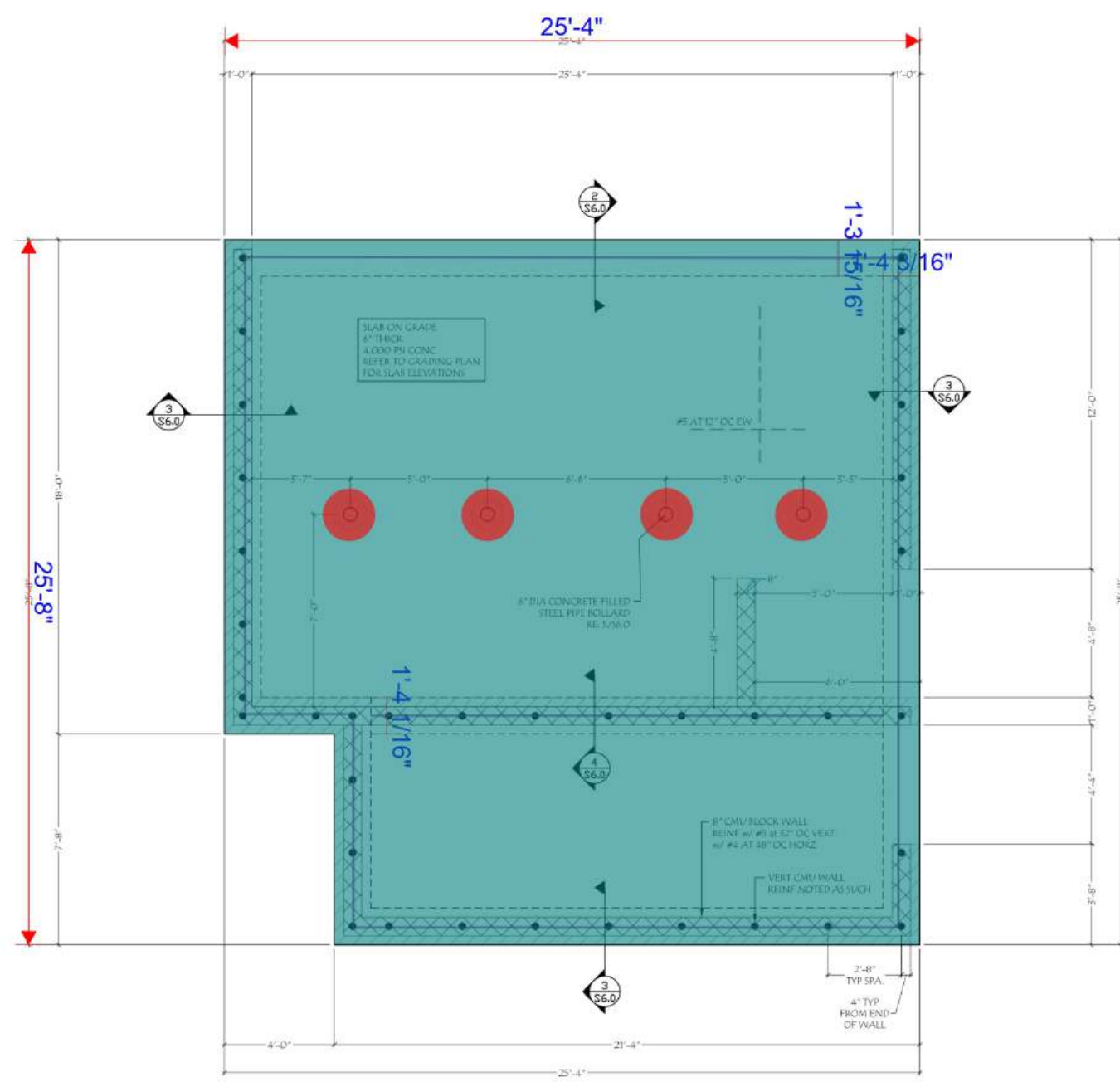
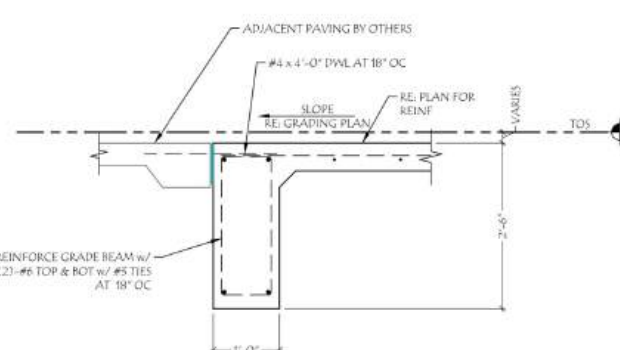
5 BOLLARD DETAIL
S6.0 3/4"=1'-0"



4 GRADE BEAM DETAIL
S6.0 3/4"=1'-0"



3 GRADE BEAM DETAIL
S6.0 3/4"=1'-0"



TRASH CORRAL & DRY STORAGE FOUNDATION PLAN
3/8"=1'-0"

- 1'-4" Wide x 2'-0" High, Cont. Footing W/ (4) #6 Rebar W/ #3 Ties @ 18" O.C.
- 6" Thick, Concrete Slab On Grade
- 6" Dia. Concrete Filled Steel Bollard (5'-0" High) W/ 1'-4" Dia. x 2'-0" High, Circular Footing

115.1 FT
619.4 SQ FT
4.0 EA

REV	DATE	DESCRIPTION	BY

PREPARED BY:
SBE PROJ NO: 066-530

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PHONE: 832.286.1822 FAX: 832.286.1868

STATE OF TEXAS
Andrew D. Burman
100004
LICENSED PROFESSIONAL ENGINEER
1/16/23

PREPARED FOR:
M. McDonald's USA, LLC
2023 McDonald's USA, LLC
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TITLE	DRAWN BY	STD	ISSUE DATE	REVIEWED BY	DATE ISSUED	SHEET NO.	SHEET TOTAL
2022 STANDARD BUILDING BB20	AJB		2022_09	USRD	01/16/23	042-3377	042-3377
4597 WOOD/WOOD							
WOOD BEARING WALLS W/4" BRICK EXTERIOR FINISH & CI							
WOOD ROOF TRUSS FRAMING							
STUCCO/STONE BATTEN/BRICK EXTERIOR FINISH/STONE WAINSCOT							
SITE ADDRESS							
042-3377							
NEC. of MAIN ST. AND COT RD.							
PRISO, TX 75035							

042.3377.00.0
S6.0
TRASH & DRY STOR.

LEGEND

LIGHT STANDARD (15' CLEAR FROM ALL OVERHEAD UTILITY LINES) (24" CLEAR FROM BACK OF CURB)
ROAD SIGN (MAX 60 SF MONUMENT)
McDONALD'S DIGITAL MENU BOARD
McDONALD'S ORDER HERE CANOPY
McDONALD'S DIGITAL PRE-BROWSE BOARD
McDONALD'S DOUBLE GATEWAY
McDONALD'S DIRECTIONAL SIGN
DETECTOR LOOP (LOCATION TO BE APPROVED BY McDONALD'S) (RE: C10.0 STANDARD DETAILS)
"DRIVE-THRU" WITH "CIRCLE / ARROW" - COLOR: YELLOW
PAINTED "STOP" AND 12" STOP BAR WITH "STOP" SIGN - COLOR: YELLOW
"THANK YOU" AT END OF PATH - COLOR: YELLOW
"CIRCLE / ARROW" - COLOR: YELLOW
ARROW PATH DIRECTION - COLOR: WHITE
STRAIGHT DRIVE-THRU "ARROW MARKING" - COLOR: YELLOW
OPEN SPACE

KEY NOTE LEGEND

MARK	MARK DESCRIPTION
1	CONCRETE VERTICAL CURB @ DRIVE-THRU (RE: C10.2 STANDARD DETAILS)
2	CURB AND GUTTER @ NON DRIVE-THRU AREAS (RE: C10.2 STANDARD DETAILS)
3	TURN DOWN CURB (RE: C10.3 STANDARD DETAILS)
4	REINFORCED CONCRETE SIDEWALK (RE: C10.3 STANDARD DETAILS)
5	REINFORCED CONCRETE SIDEWALK (RE: CITY OF FRISCO STANDARD DETAIL P23)
6	H.C. ACCESS RAMP @ 1:12 MAX SLOPE (RE: C10.1 STANDARD DETAILS)
7	PATIO FENCING (BY OTHERS)
8	HANDICAP ACCESSIBLE SIGN (POLE MOUNTED) (RE: C10.1 STANDARD DETAILS)
9	HANDICAP ACCESSIBLE SPACES / SYMBOLS / CROSSWALK - COLOR: (RE: C10.1 STANDARD DETAILS)
10	McDONALD'S OOSP, MOBILE & ROLL FORWARD SIGNS (RE: C10.4 STANDARD DETAILS)
11	BOLLARD (RE: ARCHITECT PLANS FOR DETAILS)
12	FLAG POLE (35' MAX. HEIGHT)
13	PAD MOUNTED TRANSFORMER (RE: C9.0 UTILITY PLAN)
14	LANDSCAPE FINISH GRADE 1" BELOW TOP OF CURB IN ALL LAWN AREAS AND 2" BELOW TOP OF CURB IN ALL BED AREAS
15	8" TALL MASONRY SCREENING WALL (RE: ARCHITECTURAL PLANS)
16	6" DRIVE-THRU STRIPING - COLOR: YELLOW
17	4" DIAGONAL PAINTED ISLANDS AT DRIVE-THRU - COLOR: YELLOW
18	6" MERGE POINT - COLOR: YELLOW
19	4" PARKING STALL STRIPING - COLOR: WHITE (TYP)
20	5' GUARDRAIL @ INGRESS/EGRESS DOOR (RE: ARCHITECT PLANS FOR DETAILS)
21	8" OOSP STRIPING - COLOR: YELLOW
22	FIRE LANE STRIPING PER CITY OF CELINA FIRE CODE STANDARDS
23	4" OOSP & MOBILE PICK-UP STRIPING - COLOR: YELLOW
24	DRAINAGE STRUCTURE (RE: C8.1 POST DEVELOPED DRAINAGE PLAN)
25	PROPOSED BIKE RACK
26	MECHANICAL SEPARATOR
27	5'X5' TREE WELLS WITH STRUCTURAL SOIL (RE: L1.0 LANDSCAPE PLAN FOR DETAILS)

SITE INFORMATION

LAND AREA:	62,095 SF (1.43 AC)
CURRENT ZONING:	R-RETAIL
EXISTING USE:	VACANT LOT
PROPOSED USE:	McDONALD'S RESTAURANT W/DRIVE-THRU
BUILDING AREA:	4,442 GFA
PATIO AREA:	250 SF
MAX. BUILDING HEIGHT REQUIRED:	40'
MAX. BUILDING HEIGHT PROVIDED:	20'-9.5" (1 STORY)
BUILDING LOT COVERAGE:	4,442 SF / 62,095 SF = 7.15%
FLOOR AREA RATIO:	0.07:1
PARKING CALCULATIONS:	1 SPACE PER 100 SF OF GFA
PARKING SPACES REQUIRED:	45
PARKING SPACES PROVIDED:	45
HANDICAP PARKING REQUIRED:	2
HANDICAP PARKING PROVIDED:	2 (PROVIDED IN ACCORDANCE WITH ADA STANDARDS)

- 6" Thick, Concrete Curb & Gutter @ Non Drive-Thru Area
Flag Pole Footing
Handicap Accessible Sign (C10.1)
Concrete Pad @ Transformer
McDonald's OOSP, Mobile & Roll Forward Sign (C10.4)
Handicap Access Ramp (1:12)
Light Pole Footing (S5.0)
6" Dia. Concrete Filled Bollard (4'-0" High) W/ 1'-4" Dia x 2'-0" High, Circular Footing
Directional Sign Board

- CITY OF FRISCO NOTES**
- ANY REVISION TO THIS PLAN WILL REQUIRE CITY APPROVAL AND WILL REQUIRE REVISIONS TO ANY CORRESPONDING PLANS TO AVOID CONFLICTS BETWEEN PLANS.
 - OPEN STORAGE, WHERE PERMITTED, SHALL BE SCREENED IN ACCORDANCE WITH THE ZONING ORDINANCE.
 - BUILDINGS WITH AGGREGATE SUM OF 5,000 SF OR GREATER ON A LOT SHALL HAVE AUTOMATIC FIRE SPRINKLERS INSTALLED THROUGHOUT ALL STRUCTURES. ALTERNATIVE FIRE PROTECTION MEASURES MAY BE APPROVED BY THE FIRE DEPARTMENT.
 - ALL SIGNAGE IS SUBJECT TO BUILDING INSPECTION DIVISION APPROVAL.
 - ALL FENCES AND RETAINING WALLS SHALL BE SHOWN ON THE SITE PLAN AND ARE SUBJECT TO BUILDING INSPECTION DIVISION APPROVAL.
 - WHEN USED, WHEEL STOPS SHALL BE INSTALLED SO THAT ALL SURFACE PARKING SPACES ARE A MINIMUM OF 18 FT DEEP MEASURED FROM THE FACE OF THE WHEEL STOP. ANY VERTICAL OBSTRUCTION IN FRONT OF A SURFACE PARKING SPACE SHALL BE LOCATED 20 FEET FROM THE BACK OF THE PARKING SPACE.

DETECTION NOTE

THE DOWNSTREAM DRAINAGE SYSTEM HAS BEEN DESIGNED FOR FULLY DEVELOPED FLOWS. THEREFORE, NO ON-SITE DETENTION IS REQUIRED AS DEMONSTRATED IN THE COIT AND MAIN DOWNSTREAM ASSESSMENT PREPARED BY KIMLEY-HORN AND ASSOCIATES DATED FEBRUARY 7, 2022. THIS STUDY WAS APPROVED ON JULY 7, 2022.

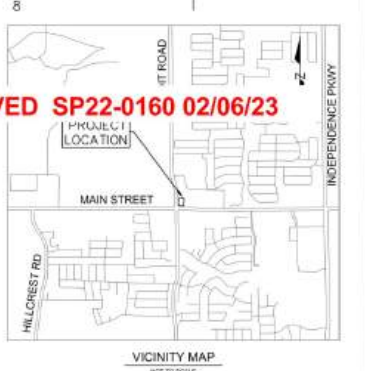
AREA CONSTRUCTION MANAGER:
McDONALD'S USA, LLC DALLAS FIELD OFFICE
511 E. JOHN CARPENTER FRWY., SUITE 375
IRVING, TX 75062
CONTACT: TALAL MEDLEJ
PHONE: (817) 371-0977
EMAIL: TALAL.MEDLEJ@US.MCD.COM

CIVIL ENGINEER/APPLICANT:
LANGAN
8951 CYPRESS WATERS BLVD., SUITE 150
DALLAS, TX 75019
CONTACT: MATT KORTE, PE
PHONE: (817) 328-3239
EMAIL: MKORTE@LANGAN.COM

SURVEYOR:
SUMMIT SURVEYING, INC.
2040 DEERBROOK DRIVE
TYLER, TX 75703
CONTACT: JOE W. CLARK, R.P.L.S.
PHONE: (903) 561-9544
EMAIL: JCLARK@SUMMIT-SURVEYING.COM

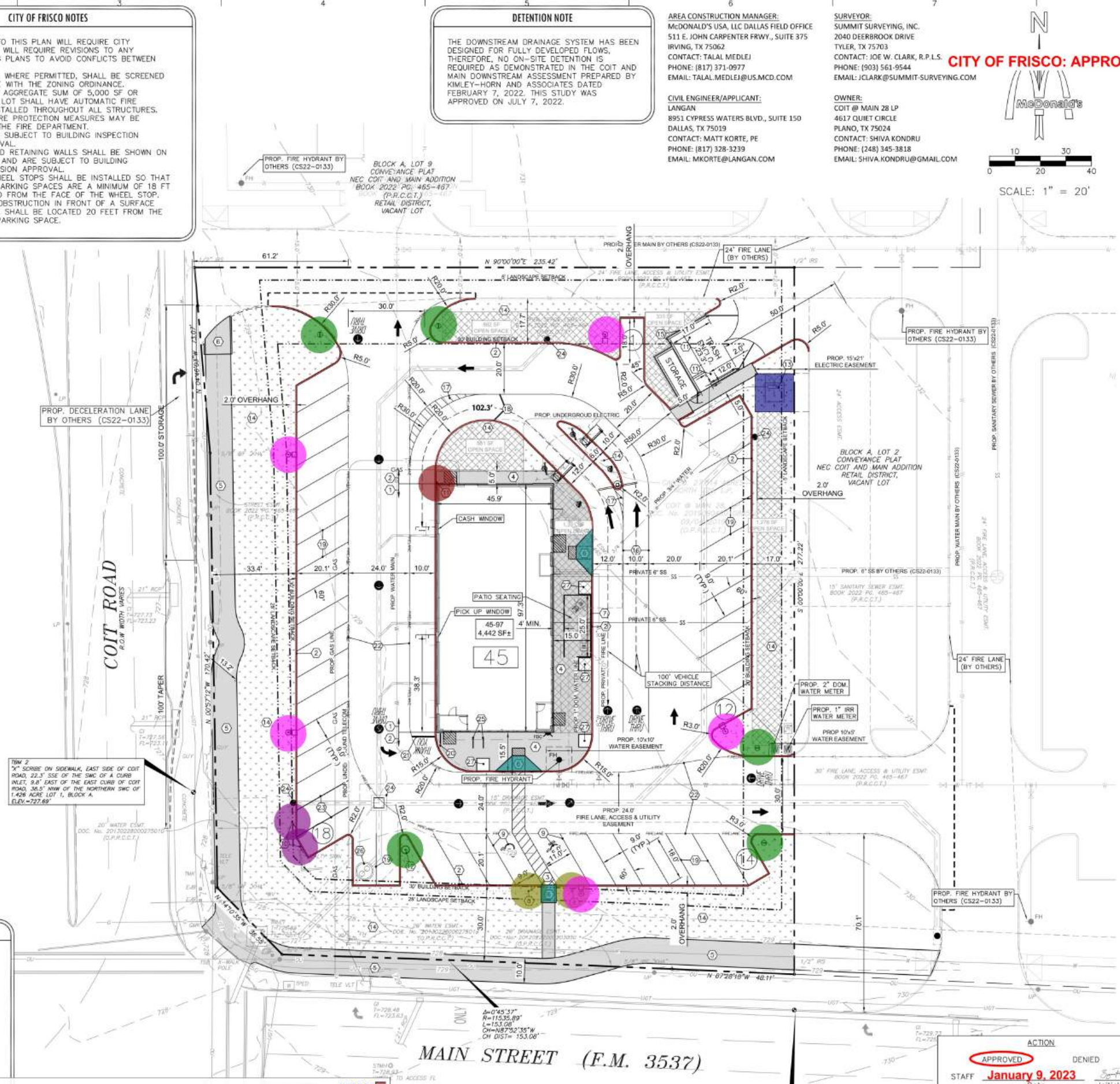
OWNER:
COIT @ MAIN 28 LP
4617 QUIET CIRCLE
PLANO, TX 75024
CONTACT: SHIVA KONDRU
PHONE: (214) 345-3818
EMAIL: SHIVA.KONDRU@GMAIL.COM

CITY OF FRISCO: APPROVED SP22-0160 02/06/23



FLOODPLAIN NOTE

ACCORDING TO THE FLOOD INSURANCE MAP (FIRM) MAP NO. 48085C0245K, DATED JUNE 2017, PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FOR DENTON COUNTY, TEXAS, THIS PROPERTY IS WITHIN ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.



Revisions

Date	Description	No.
McDonald's USA, LLC		
These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. The contract documents were prepared for use on this specific site in conjunction with its issue date and are not suitable for use on a different site or at a later time. Use of these drawings for reference or example on another project requires the services of properly licensed architects and engineers. Reproduction of the contract documents for reuse on another project is not authorized.		



LANGAN
Langan Engineering and Environmental Services, Inc.
8951 Cypress Waters Blvd, Suite 150
Dallas, TX 75019
T: 817.328.3200 www.langan.com
TBPE Firm REG. AF-13709

Project
McDonald's Restaurant L/C #423377
NEC COIT AND MAIN ADDITION
BLOCK A, LOT 1
1.4255 Acres
JOHN W. COX SURVEY, ABSTRACT No. 160
CITY PROJECT No. SP22-0160
COLLIN COUNTY FRISCO TEXAS

Drawing Title

Project No.	520037401
Date	01/03/23
Drawn By	MNK
Checked By	HJM

SP-1

ACTION

STAFF **APPROVED** **January 9, 2023** DENIED
Date Initials
P&Z Date Initials
Neighborhood # **14**
See the Staff Approval Letter or P&Z Result Memo for any conditions associated with the approval of the project.

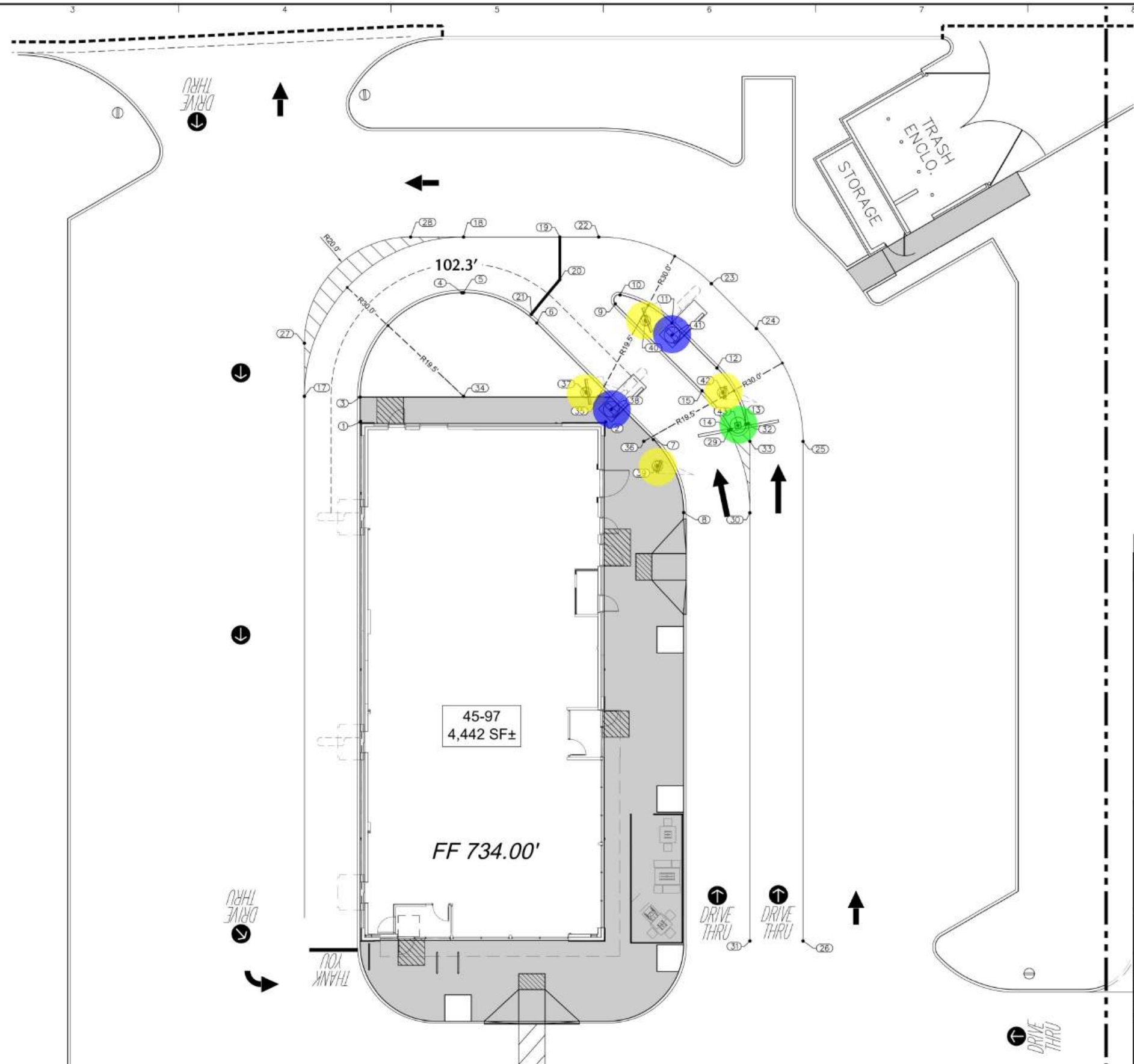
1. COORDINATES SHOWN ARE AT BACK OF CURB OR CENTERLINE OF FOUNDATION OR STRIPE.
2. VERIFY LOCATION OF COGS AND MENU BOARDS WITH ACM PRIOR TO POURING FOUNDATIONS.
3. COORDINATES BASED ON GEODETIC NORTH AS PROVIDED BY SURVEYOR.
4. IT IS REQUIRED BY McDONALD'S THAT ALL DRIVE THRU EQUIPMENT AND PAVEMENT IMPROVEMENTS IN THE DRIVE THRU AREA BE FIELD LOCATED AND STAKED BY A PROFESSIONAL SURVEYOR.

Point Table			
Point #	Northing	Easting	FULL DESCRIPTION
1	7106877.0936	2498786.7063	BUILDING CORNER
2	7106877.0921	2498832.9564	BUILDING CORNER
3	7106881.8018	2498786.7063	BACK OF CURB
4	7106901.4362	2498805.8850	POINT OF TANGENCY
5	7106901.4388	2498806.2235	POINT OF CURVATURE
6	7106895.7274	2498820.0121	POINT OF TANGENCY
7	7106873.7863	2498841.9532	POINT OF CURVATURE
8	7106860.0429	2498847.6646	POINT OF TANGENCY
9	7106899.3333	2498834.7910	POINT OF CURVATURE
10	7106901.0189	2498835.7045	POINT OF COMPOUND CURVATURE
11	7106895.7275	2498845.4678	POINT OF TANGENCY
12	7106887.2423	2498853.9531	POINT OF CURVATURE
13	7106876.7153	2498859.3899	POINT OF COMPOUND CURVATURE
14	7106875.7379	2498856.5987	POINT OF REVERSE CURVATURE
15	7106882.9787	2498851.1456	POINT OF TANGENCY
17	7106881.9388	2498776.2063	STRIPE POINT OF CURVATURE
18	7106911.9388	2498806.2063	STRIPE POINT OF TANGENCY
19	7106911.9388	2498824.3412	MERGE POINT STRIPE
20	7106903.9388	2498824.3412	MERGE POINT STRIPE
21	7106897.3774	2498818.9377	MERGE POINT STRIPE
22	7106911.9388	2498831.6794	STRIPE POINT OF CURVATURE
23	7106903.1520	2498852.8926	STRIPE POINT OF TANGENCY
24	7106894.6669	2498861.3777	STRIPE POINT OF CURVATURE
25	7106873.4214	2498870.1646	STRIPE POINT OF TANGENCY
26	7106779.3435	2498870.1647	END STRIPE
27	7106891.9388	2498776.2063	STRIPE POINT OF CURVATURE
28	7106911.9388	2498796.2063	STRIPE POINT OF TANGENCY
29	7106855.4957	2498856.1613	STRIPE POINT OF CURVATURE
30	7106859.9977	2498860.1647	STRIPE POINT OF TANGENCY
31	7106779.3435	2498860.1647	END STRIPE
32	7106876.7989	2498859.8829	STRIPE POINT OF CURVATURE
33	7106873.4537	2498860.1647	STRIPE POINT OF TANGENCY
34	7106881.9388	2498806.2064	RADIUS POINT
35	7106881.9388	2498831.6794	RADIUS POINT
36	7106873.4535	2498840.1647	RADIUS POINT
37	7106882.6869	2498829.2610	PRIMARY OUTDOOR DIGITAL MENU BOARD
38	7106878.4827	2498834.9323	PRIMARY OUTDOOR HERE CANOPY
39	7106882.9111	2498843.7019	DIGITAL OUTDOOR PPE BROUHA MENU BOARD
40	7106899.1649	2498840.4276	SECONDARY OUTDOOR DIGITAL MENU BOARD
41	7106893.4655	2498845.5053	SECONDARY OUTDOOR HERE CANOPY
42	7106882.6618	2498855.0441	DIGITAL OUTDOOR PPE BROWSE MENU BOARD
43	7106876.4644	2498857.9111	DOUBLE GATEWAY

TBM 1
 "X" SCRIBE ON NORTH CURB OF MAIN ST. (F.M. 3537).
 APPROX. 289' EAST OF THE CENTERLINE OF COIT ROAD
 1/4' SOUTH OF THE SEC OF 1.426 ACRE LOT 1, BLOCK A.
 ELEV =79.90'

TBM 2
 "X" SCRIBE ON SIDEWALK, EAST SIDE OF COIT ROAD,
 23.3' SSE OF THE SWC OF A CURB INLET, 9.8' EAST OF
 THE EAST CURB OF COIT ROAD, 38.5' NNW OF THE
 NORTHERN SWC OF 1.426 ACRE LOT 1, BLOCK A.
 ELEV =727.69'

TBM 3
 "X" SCRIBE ON SIDEWALK, AT ANGLE CORNER IN EAST
 RIGHT OF WAY OF COIT ROAD, 77.26' NORTH OF NNW OF
 1.426 ACRE LOT 1, BLOCK A.
 ELEV =728.96'



SCALE: 1" = 10'

Revisions

 McDonald's USA, LLC

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LANGAN

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Environmental Services, Inc.

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T: 817.328.3200 www.langan.com
TBE Firm REG. AF-13709

[illegible]

McDonald's Restaurant L/C #423377
NEC COIT AND MAIN ADDITION

NEC COIT AND MAIN ADDITION
BLOCK A, LOT 1

1.4255 Acres
JOHN W. COY SURVEY, ABSTRACT No. 160

JOHN W. COX SURVEY, ABSTRACT NO. 100

COLLIN COUNTY FRISCO TEXAS

Drawing Title

DRIVE THRU

DRIVE-THRU

COORDINATE PLAN

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Project No.	Drawing No.
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Project No.	Drawing No.
520037401	

Date C5.0

03/27/2023	C5.0
Drawn By	

MNK	
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Checked By
HIM

e: Langan.stb Layout: Layout1 Document Code: 520037401-0601-CS101-0101

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Date: 3/25/2023 Time: 10:17 User: mkayamba Style Table: Langan.sfb Layout: Layout1 Document Code: 520037401-0601-CS101-0101

LEGEND

- REINFORCED CONCRETE SIDEWALK, MINIMUM 4" THICK REINFORCED WITH #3 BARS @ 18" O.C.E.W, CONCRETE TO BE 4,000 PSI 28-DAY STRENGTH
- CITY CONCRETE SIDEWALK (RE: CITY OF FRISCO STANDARD CONSTRUCTION DETAIL P23)
- HEAVY DUTY REINFORCED CONCRETE @ DRIVE-THRU
- REINFORCED CONCRETE @ FIRE LANE, MINIMUM 6" THICK REINFORCED CONCRETE WITH #4 BARS @ 18" O.C.E.W, CONCRETE TO BE 4000 PSI 28-DAY STRENGTH
- REINFORCED CONCRETE PAVEMENT @ TRASH ENCLOSURE APRON, MINIMUM 7" THICK REINFORCED WITH #4 BARS @ 18" O.C.E.W, CONCRETE TO BE 4,000 PSI 28-DAY STRENGTH
- LANDSCAPE AREA
- SAWCUT LINE
- 2.5" IRRIGATION SLEEVES (RE: L2.0 IRRIGATION PLAN)

*REFER TO GEOTECH REPORT PROVIDED BY ECS SOUTHEAST, LLP IN REPORT NO. 30-2007 FOR ALL PAVING SPECIFICATIONS.

PAVING SPECIFICATION

VERIFY W/ MCDONALD'S	ASPHALT	CONCRETE
CONTRACTOR TO BID	CONCRETE	CONCRETE

CONCRETE PAVEMENT RECOMMENDATIONS - BASE BID

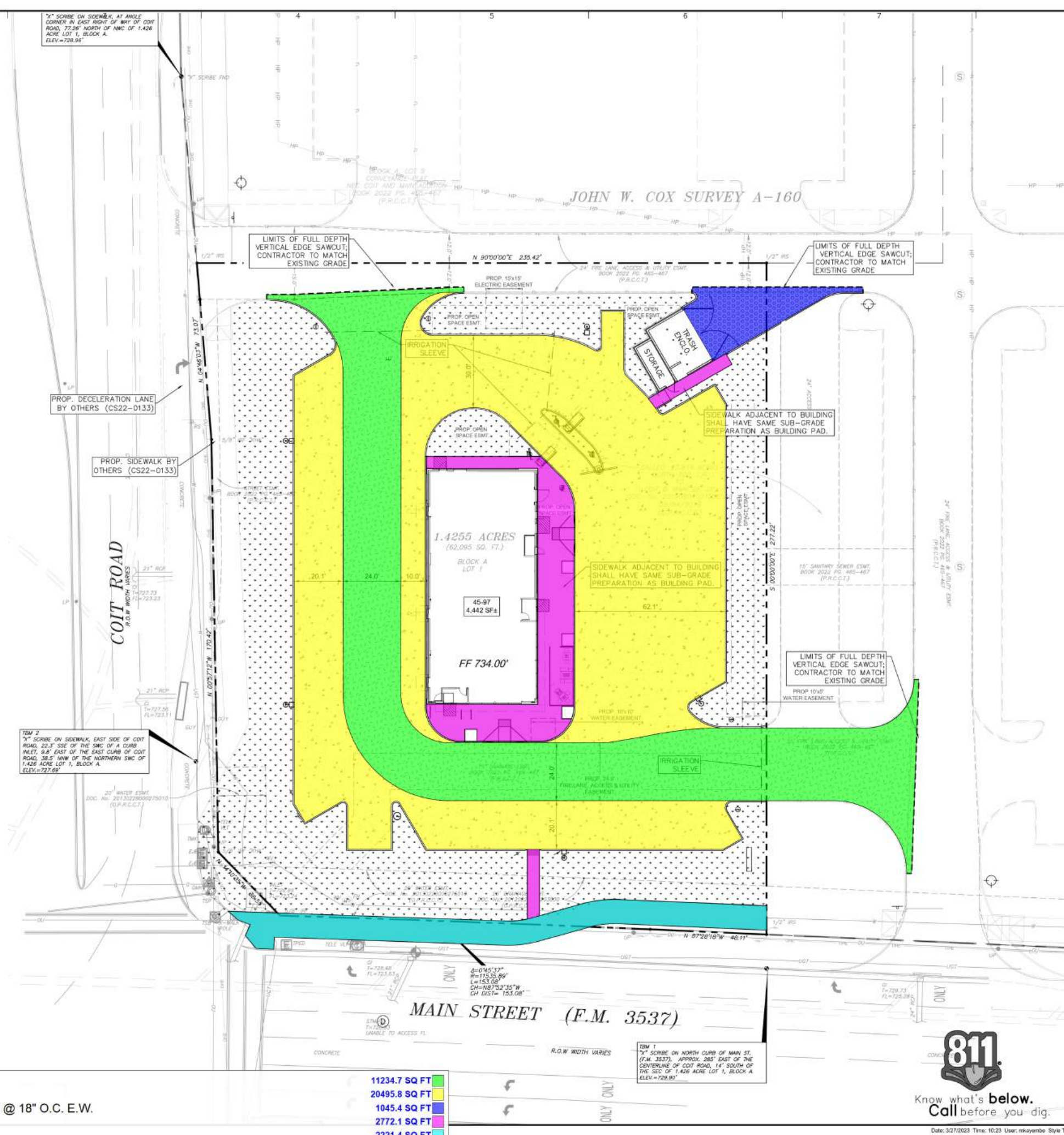
PAVEMENT MATERIALS	HEAVY DUTY (DI-2)
PORTLAND CEMENT CONCRETE PAVEMENT	6"
COMPACTED SUBGRADE	6"

PAVEMENT NOTES:

- REFER TO MCDONALD'S CONCRETE PAVING SPECIFICATIONS SECTION 321313 FOR ALL PAVING WORK.
- REFER TO MCDONALD'S PAVEMENT MARKINGS SECTION 321723 FOR ALL PAVEMENT MARKING WORK.
- PAVEMENT AND SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY TERRACON CONSULTANTS, INC. DATED SEPTEMBER 06, 2022, PROJECT NO. 8525109.
- SUBGRADE SHOULD BE SCARIFIED AND COMPACTED TO AT LEAST 95 PERCENT OF THE MODIFIED PROCTOR (ASTM D698) MAXIMUM DRY DENSITY WITH LOOSE THICKNESS OF 6 INCHES PRIOR TO COMPACTION. SEE EARTHWORK SECTION AND PAVEMENTS SECTION OF GEOTECH REPORT.
- PAVEMENT MAY BE PLACED AFTER THE SUBGRADE HAS BEEN PROPERLY COMPACTED, FINE-GRADED AND PROOF ROLLED AS SPECIFIED IN THE SOILS REPORT.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE TEXAS DEPARTMENT OF TRANSPORTATION SPECIFICATIONS AND MCDONALD'S SPECIFICATIONS.
- WATER SHOULD NOT BE ALLOWED TO POND BEHIND CURBS AND SATURATE THE BASE MATERIALS. GRANULAR BASE MATERIAL SHOULD EXTEND THROUGH THE SLOPE PROVIDING UNDERGROUND DRAINAGE AN EXIT PATH.
- REFER TO C10.2 FOR CONCRETE JOINT SPECIFICATIONS UNLESS NOTED OTHERWISE IN THE SOILS REPORT.
- ALL CONCRETE PAVEMENT SHALL BE 4,000 PSI @ 28 DAYS AND REINFORCED WITH #4 BARS @ 18" O.C.E.W AND FIBER MESH, UNLESS OTHERWISE NOTED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- THE INFORMATION ABOVE IS BEING PROVIDED FOR REFERENCE ONLY AND SHALL NOT BE RELIED ON AS ACCURATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REFERRING TO THE GEOTECHNICAL REPORT REFERENCED ABOVE FOR ALL PAVEMENT/CONSTRUCTION REQUIREMENTS.

FIRE LANE NOTE

THIRD PARTY INSPECTION WILL BE REQUIRED ON FIRE LANE CONSTRUCTION. A LETTER SHALL BE PROVIDED (BY A TESTING LAB OR DESIGN ENGINEER) THAT CERTIFIES THAT FIRE LANE HAS BEEN CONSTRUCTED IN ACCORDANCE WITH CITY STANDARDS AND CONSTRUCTION PLANS. THE LETTER SHALL BE SPECIFIC TO DEPTH, STRENGTH AND REBAR PLACEMENT.



Date	Description	No.
Revisions		
McDonald's USA, LLC		
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LANGAN Langan Engineering and Environmental Services, Inc. 8951 Cypress Waters Blvd, Suite 150 Dallas, TX 75019 T: 817.328.3200 www.langan.com TBPE Firm REG. #13709		
Project McDonald's Restaurant L/C #423377 NEC COIT AND MAIN ADDITION BLOCK A, LOT 1 1.4255 Acres JOHN W. COX SURVEY, ABSTRACT No. 160		
COLLIN COUNTY FRISCO TEXAS Drawing Title		
PAVING PLAN		
Project No. 520037401		Drawing No. C6.0
Date 03/27/2023		
Drawn By MNK		
Checked By HJM		

- 6" Thick, Reinforced Concrete @ Fire Lane W/ #4 Rebars @ 18" O.C. E.W.
- Heavy Duty Reinforced Concrete @ Drive Thru
- 7" Thick, Reinforced Concrete Pavement @ Trash Enclosure Apron W/ #4 Rebars @ 18" O.C. E.W.
- 4" Thick, Reinforced Concrete Side Walk W/ #3 Rebars @ 18" O.C.E.W.
- City Concrete Sidewalk

11234.7 SQ FT
20495.8 SQ FT
1045.4 SQ FT
2772.1 SQ FT
2221.4 SQ FT

811
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