

Building Data Summary



Project ID:	*****
Location:	
Revised Scope of Work:	Masonry and Metals
Date:	*****

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
DIVISION 01 GENERAL REQUIREMENTS														
1		Supervision and Coordination	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	\$ 4,500.00
2		Submittals and Shop drawings	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	\$ 1,500.00
3		Final Cleaning	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	\$ 1,000.00
4		Mobilization Costs	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	\$ 1,800.00
5		Temporary Control & Facilities	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	\$ 500.00
Subtotal (General Requirements)														\$ 9,300

DIVISION 04- Masonry														
CMU Pier														
6		10" CMU Pier As; (26 LF,25'-0" H) W/ (6) #6 Vertical Reinforcement W/ 9 GA Wire Ties @ 8" O.C, Grout Pier Solid Full Height	SF	650	5%	683	\$ 10.50	\$ 7,166.25	2.850	\$ 30.00	\$ 85.50	\$ 58,353.75	\$ -	\$ 65,520.00
7		10" CMU Pier As; (6 LF,21'-0" H) W/ (6) #6 Vertical Reinforcement W/ 9 GA Wire Ties @ 8" O.C, Grout Pier Solid Full Height	SF	126	5%	132	\$ 10.50	\$ 1,389.15	2.850	\$ 30.00	\$ 85.50	\$ 11,311.65	\$ -	\$ 12,700.80
8		10" CMU Pier As; (12 LF,21'-0" H) W/ (10) #6 Vertical Reinforcement W/ 9 GA Wire Ties @ 8" O.C, Grout Pier Solid Full Height	SF	252	5%	265	\$ 10.50	\$ 2,778.30	2.850	\$ 30.00	\$ 85.50	\$ 22,623.30	\$ -	\$ 25,401.60
9		10" CMU Pier As; (38 LF,25'-0" H) W/ (10) #6 Vertical Reinforcement W/ 9 GA Wire Ties @ 8" O.C, Grout Pier Solid Full Height	SF	950	5%	998	\$ 10.50	\$ 10,473.75	2.850	\$ 30.00	\$ 85.50	\$ 85,286.25	\$ -	\$ 95,760.00
10		10" CMU Pier As; (6 LF,21'-0" H) W/ (8) #6 Vertical Reinforcement W/ 9 GA Wire Ties @ 8" O.C, Grout Pier Solid Full Height	SF	126	5%	132	\$ 10.50	\$ 1,389.15	2.850	\$ 30.00	\$ 85.50	\$ 11,311.65	\$ -	\$ 12,700.80
11		10" CMU Pier As; (2 LF,25'-0" H) W/ (2) #6 Vertical Reinforcement W/ 9 GA Wire Ties @ 8" O.C, Grout Pier Solid Full Height	SF	50	5%	53	\$ 10.50	\$ 551.25	2.850	\$ 30.00	\$ 85.50	\$ 4,488.75	\$ -	\$ 5,040.00
Refuse Enclosure														
CMU Wall														
12		8" Solid Grouted Split Face CMU Wall As; (53 LF,6'-0" H) W/ #5 @ 32" O.C. Vertical Reinforcement	SF	318	5%	334	\$ 8.50	\$ 2,838.15	2.850	\$ 30.00	\$ 85.50	\$ 28,548.45	\$ -	\$ 31,386.60
Grout														
13		8" Solid Grouted Split Face CMU Wall As; (53 LF,6'-0" H) W/ #5 @ 32" O.C. Vertical Reinforcement	CY	1.09	5%	1	\$ 90.00	\$ 103.01	2.850	\$ 30.00	\$ 85.50	\$ 97.85	\$ -	\$ 200.86
Bond Beam														
14		8" Solid Grouted Bond Beam -(1) #5 Vertical Reinforcement	LF	53	5%	56	\$ 10.50	\$ 584.33	2.850	\$ 30.00	\$ 85.50	\$ 4,758.08	\$ -	\$ 5,342.40
Stone Cap														
15		4" Stone Cap W/ Top Wash	LF	53	5%	56	\$ 10.50	\$ 584.33	2.850	\$ 30.00	\$ 85.50	\$ 4,758.08	\$ -	\$ 5,342.40
CMU Wall														
16		8" CMU Wall As; (234 LF,23'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	SF	5382	5%	5651	\$ 8.50	\$ 48,034.35	2.850	\$ 30.00	\$ 85.50	\$ 483,169.05	\$ -	\$ 531,203.40
17		8" CMU Wall As; (147 LF,20'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	SF	2940	5%	3087	\$ 8.50	\$ 26,239.50	2.850	\$ 30.00	\$ 85.50	\$ 263,938.50	\$ -	\$ 290,178.00
18		8" CMU Wall As; (123 LF,25'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	SF	3075	5%	3229	\$ 8.50	\$ 27,444.38	2.850	\$ 30.00	\$ 85.50	\$ 276,058.13	\$ -	\$ 303,502.50
19		10" CMU Wall As; (37 LF,9'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	SF	333	5%	350	\$ 10.50	\$ 3,671.33	2.850	\$ 30.00	\$ 85.50	\$ 29,895.08	\$ -	\$ 33,566.40
20		10" CMU Wall As; (53 LF,21'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	SF	1113	5%	1169	\$ 10.50	\$ 12,270.83	2.850	\$ 30.00	\$ 85.50	\$ 99,919.58	\$ -	\$ 112,190.40
21		10" CMU Wall As; (108 LF,13'-6" H) W/ #6 @ 32" O.C. Vertical Reinforcement	SF	1458	5%	1531	\$ 10.50	\$ 16,074.45	2.850	\$ 30.00	\$ 85.50	\$ 130,891.95	\$ -	\$ 146,966.40
22		10" CMU Wall As; (21 LF,7'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	SF	147	5%	154	\$ 10.50	\$ 1,620.68	2.850	\$ 30.00	\$ 85.50	\$ 13,196.93	\$ -	\$ 14,817.60
23		10" CMU Wall As; (352 LF,17'-8" H) W/ #6 @ 32" O.C. Vertical Reinforcement	SF	6219	5%	6530	\$ 10.50	\$ 68,564.48	2.850	\$ 30.00	\$ 85.50	\$ 558,310.73	\$ -	\$ 626,875.20
24		10" Split Face CMU Wall As; (352 LF,7'-4" H) W/ #6 @ 32" O.C. Vertical Reinforcement	SF	2580	5%	2709	\$ 10.50	\$ 28,444.50	2.850	\$ 30.00	\$ 85.50	\$ 231,619.50	\$ -	\$ 260,064.00
Grout														
25		8" Solid Grouted CMU Wall As; (234 LF,23'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	CY	18.39	5%	19	\$ 90.00	\$ 1,737.86	2.850	\$ 30.00	\$ 85.50	\$ 1,650.96	\$ -	\$ 3,388.82
26		8" Solid Grouted CMU Wall As; (147 LF,20'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	CY	10.05	5%	11	\$ 90.00	\$ 949.73	2.850	\$ 30.00	\$ 85.50	\$ 902.24	\$ -	\$ 1,851.96
27		8" Solid Grouted CMU Wall As; (123 LF,25'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	CY	10.51	5%	11	\$ 90.00	\$ 993.20	2.850	\$ 30.00	\$ 85.50	\$ 943.54	\$ -	\$ 1,936.73
28		10" Solid Grouted CMU Wall As; (37 LF,9'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	CY	2.05	5%	2	\$ 90.00	\$ 193.73	2.850	\$ 30.00	\$ 85.50	\$ 184.04	\$ -	\$ 377.76
29		10" Solid Grouted CMU Wall As; (53 LF,21'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	CY	6.85	5%	7	\$ 90.00	\$ 647.33	2.850	\$ 30.00	\$ 85.50	\$ 614.96	\$ -	\$ 1,262.28
30		10" Solid Grouted CMU Wall As; (108 LF,13'-6" H) W/ #6 @ 32" O.C. Vertical Reinforcement	CY	8.97	5%	9	\$ 90.00	\$ 847.67	2.850	\$ 30.00	\$ 85.50	\$ 805.28	\$ -	\$ 1,652.95
31		10" Solid Grouted CMU Wall As; (21 LF,7'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	CY	0.92	5%	1	\$ 90.00	\$ 86.94	2.850	\$ 30.00	\$ 85.50	\$ 82.59	\$ -	\$ 169.53
32		10" Solid Grouted CMU Wall As; (352 LF,17'-8" H) W/ #6 @ 32" O.C. Vertical Reinforcement	CY	38.18	5%	40	\$ 90.00	\$ 3,608.01	2.850	\$ 30.00	\$ 85.50	\$ 3,427.61	\$ -	\$ 7,035.62
33		10" Solid Grouted Split Face CMU Wall As; (352 LF,7'-4" H) W/ #6 @ 32" O.C. Vertical Reinforcement	CY	15.85	5%	17	\$ 90.00	\$ 1,497.83	2.850	\$ 30.00	\$ 85.50	\$ 1,422.93	\$ -	\$ 2,920.76
Bond Beam														
34		10" Solid Grouted Bond Beam -(2) #4 Vertical Reinforcement	LF	352	5%	370	\$ 15.10	\$ 5,580.96	2.850	\$ 30.00	\$ 85.50	\$ 31,600.80	\$ -	\$ 37,181.76
35		8" Solid Grouted Bond Beam -(2) #4 Vertical Reinforcement	LF	834	5%	876	\$ 10.50	\$ 9,194.85	2.850	\$ 30.00	\$ 85.50	\$ 74,872.35	\$ -	\$ 84,067.20
Subtotal (Finishes)														\$ 2,720,605

DIVISION 06- Metal														
Reinforcemnt														
36		10" CMU Pier As; (26 LF,25'-0" H) W/ (6) #6 Vertical Reinforcement W/ 9 GA Wire Ties @ 8" O.C, Grout Pier Solid Full Height	LF	5700	5%	5985	\$ 1.20	\$ 7,182.00	0.012	\$ 40.00	\$ 0.48	\$ 2,872.80	\$ -	\$ 10,054.80
37		10" CMU Pier As; (6 LF,21'-0" H) W/ (6) #6 Vertical Reinforcement W/ 9 GA Wire Ties @ 8" O.C, Grout Pier Solid Full Height	LF	1008	5%	1058	\$ 1.20	\$ 1,270.08	0.012	\$ 40.00	\$ 0.48	\$ 508.03	\$ -	\$ 1,778.11
38		10" CMU Pier As; (12 LF,21'-0" H) W/ (10) #6 Vertical Reinforcement W/ 9 GA Wire Ties @ 8" O.C, Grout Pier Solid Full Height	LF	3570	5%	3749	\$ 1.20	\$ 4,498.20	0.012	\$ 40.00	\$ 0.48	\$ 1,799.28	\$ -	\$ 6,297.48
39		10" CMU Pier As; (38 LF,25'-0" H) W/ (10) #6 Vertical Reinforcement W/ 9 GA Wire Ties @ 8" O.C, Grout Pier Solid Full Height	LF	14000	5%	14700	\$ 1.20	\$ 17,640.00	0.012	\$ 40.00	\$ 0.48	\$ 7,056.00	\$ -	\$ 24,696.00
40		10" CMU Pier As; (6 LF,21'-0" H) W/ (8) #6 Vertical Reinforcement W/ 9 GA Wire Ties @ 8" O.C, Grout Pier Solid Full Height	LF	1344	5%	1411	\$ 1.20	\$ 1,693.44	0.012	\$ 40.00	\$ 0.48	\$ 677.38	\$ -	\$ 2,370.82
41		10" CMU Pier As; (2 LF,25'-0" H) W/ (2) #6 Vertical Reinforcement W/ 9 GA Wire Ties @ 8" O.C, Grout Pier Solid Full Height	LF	100	5%	105	\$ 1.20	\$ 126.00	0.012	\$ 40.00	\$ 0.48	\$ 50.40	\$ -	\$ 176.40

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
42		8" Solid Grouted Split Face CMU Wall As; (53 LF,6'-0" H) W/ #5 @ 32" O.C. Vertical Reinforcement	LF	114	5%	120	\$ 1.20	\$ 143.64	0.012	\$ 40.00	\$ 0.48	\$ 57.46	\$ 201.10	
43		8" CMU Wall As; (234 LF,23'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	LF	2001	5%	2101	\$ 1.20	\$ 2,521.26	0.012	\$ 40.00	\$ 0.48	\$ 1,008.50	\$ 3,529.76	
44		8" CMU Wall As; (147 LF,20'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	LF	1100	5%	1155	\$ 1.20	\$ 1,386.00	0.012	\$ 40.00	\$ 0.48	\$ 554.40	\$ 1,940.40	
45		8" CMU Wall As; (123 LF,25'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	LF	1150	5%	1208	\$ 1.20	\$ 1,449.00	0.012	\$ 40.00	\$ 0.48	\$ 579.60	\$ 2,028.60	
46		10" CMU Wall As; (37 LF,9'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	LF	117	5%	123	\$ 1.20	\$ 147.42	0.012	\$ 40.00	\$ 0.48	\$ 58.97	\$ 206.39	
47		10" CMU Wall As; (53 LF,21'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	LF	399	5%	419	\$ 1.20	\$ 502.74	0.012	\$ 40.00	\$ 0.48	\$ 201.10	\$ 703.84	
48		10" CMU Wall As; (108 LF,13'-6" H) W/ #6 @ 32" O.C. Vertical Reinforcement	LF	540	5%	567	\$ 1.20	\$ 680.40	0.012	\$ 40.00	\$ 0.48	\$ 272.16	\$ 952.56	
49		10" CMU Wall As; (21 LF,7'-0" H) W/ #6 @ 32" O.C. Vertical Reinforcement	LF	49	5%	51	\$ 1.20	\$ 61.74	0.012	\$ 40.00	\$ 0.48	\$ 24.70	\$ 86.44	
50		10" CMU Wall As; (352 LF,17'-8" H) W/ #6 @ 32" O.C. Vertical Reinforcement	LF	2315	5%	2431	\$ 1.20	\$ 2,916.90	0.012	\$ 40.00	\$ 0.48	\$ 1,166.76	\$ 4,083.66	
51		10" Split Face CMU Wall As; (352 LF,7'-4" H) W/ #6 @ 32" O.C. Vertical Reinforcement	LF	960	5%	1008	\$ 1.20	\$ 1,209.60	0.012	\$ 40.00	\$ 0.48	\$ 483.84	\$ 1,693.44	
52		10" Solid Grouted Bond Beam -(2) #4 Vertical Reinforcement	LF	704	5%	739	\$ 1.20	\$ 887.04	0.012	\$ 40.00	\$ 0.48	\$ 354.82	\$ 1,241.86	
		8" Solid Grouted Bond Beam -(1) #5 Vertical Reinforcement	LF	53	5%	56	\$ 1.20	\$ 66.78	0.012	\$ 40.00	\$ 0.48	\$ 26.71	\$ 93.49	
53		8" Solid Grouted Bond Beam -(2) #4 Vertical Reinforcement	LF	1668	5%	1751	\$ 1.20	\$ 2,101.68	0.012	\$ 40.00	\$ 0.48	\$ 840.67	\$ 2,942.35	
Subtotal (Finishes)								\$ 46,484				\$ 18,594		\$ 65,077

PROJECTED COST \$ 2,794,982

INSURANCE 3% \$ 83,849

CONTINGENCY 5% \$ 139,749

OVERHEAD AND PROFIT 15% \$ 419,247

INCREASE IN MATERIAL PRICE 4% \$ 111,799

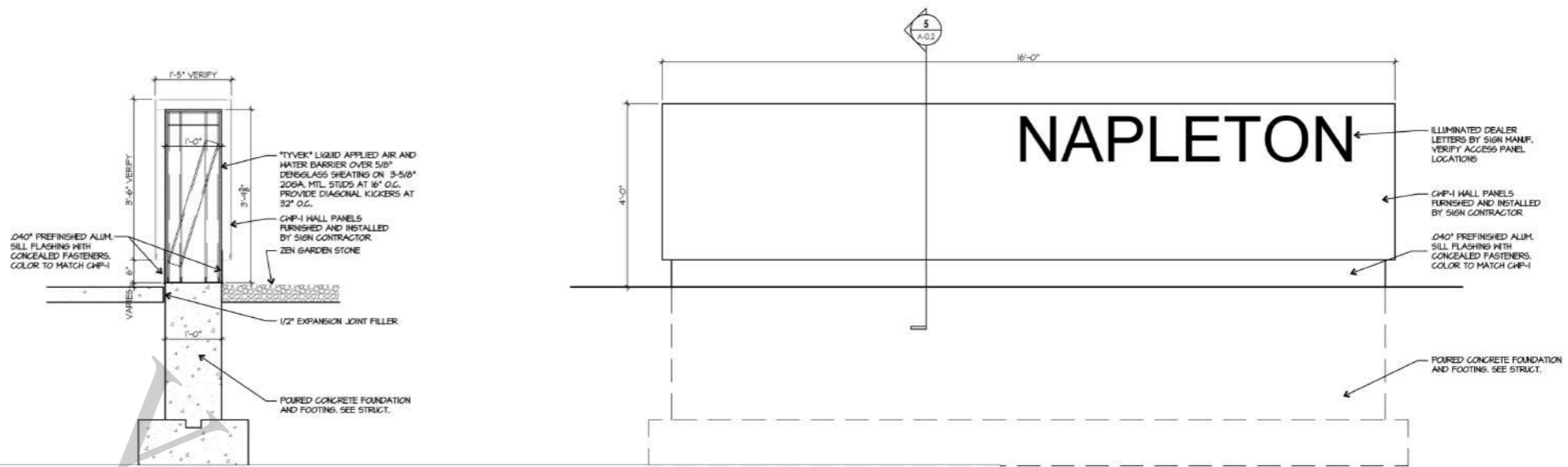
TAX 0% \$ -

SUGGESTED BID \$ 3,549,627

Note:

1. Please verify the equipment's and their prices with owner.
2. Online sources are used for pricing.
3. Prices can vary depending upon field conditions.

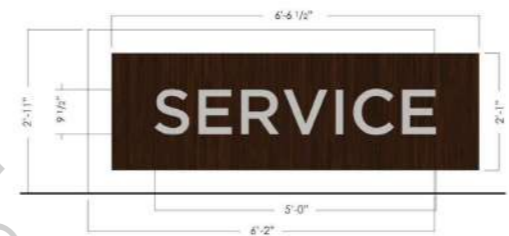
Veracity Estimating



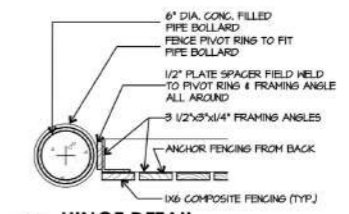
8" CMU Wall 6' H, 8" Bond Beam, 4" Stone Cap W/ Top Wash

52.7 FT

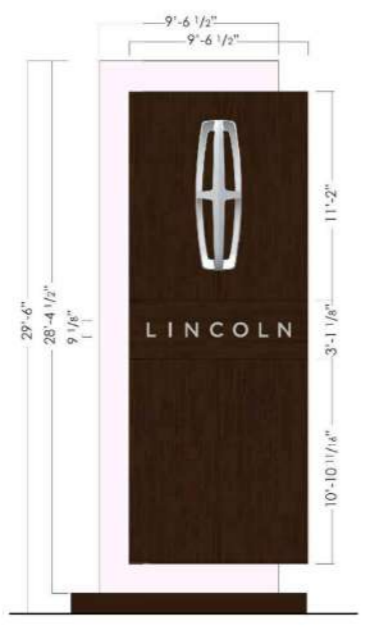
9 DEALER WALL
3/4" = 1'-0"



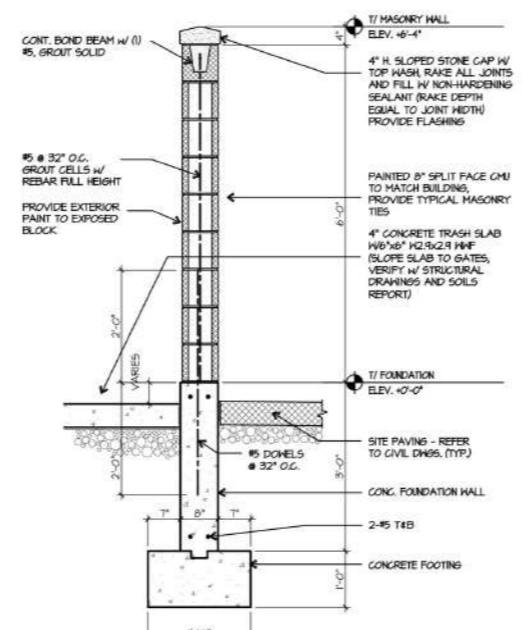
8 SERVICE SIGN
3/4" = 1'-0"



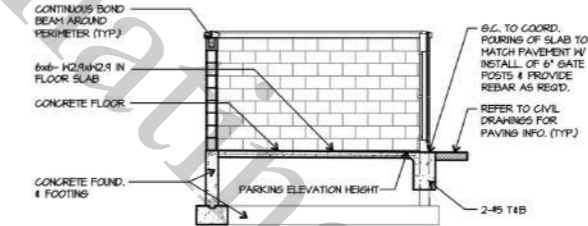
2 HINGE DETAIL
1 1/2" = 1'-0"



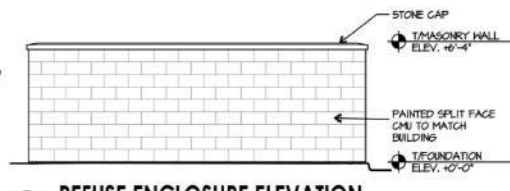
7 30'-0" PYLON SIGN
1/4" = 1'-0"



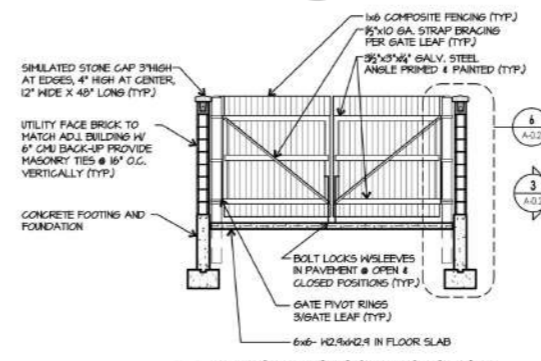
6 DETAIL
3/4" = 1'-0"



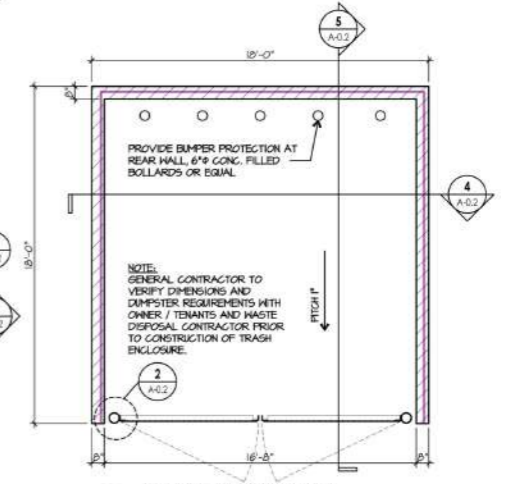
5 REFUSE ENCLOSURE SECTION
1/4" = 1'-0"



3 REFUSE ENCLOSURE ELEVATION
1/4" = 1'-0"



4 REFUSE ENCLOSURE SECTION
N.T.S.



1 REFUSE ENCLOSURE
1/4" = 1'-0"









FLOOR PLAN GENERAL NOTES

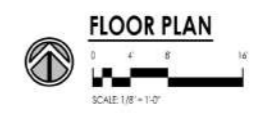
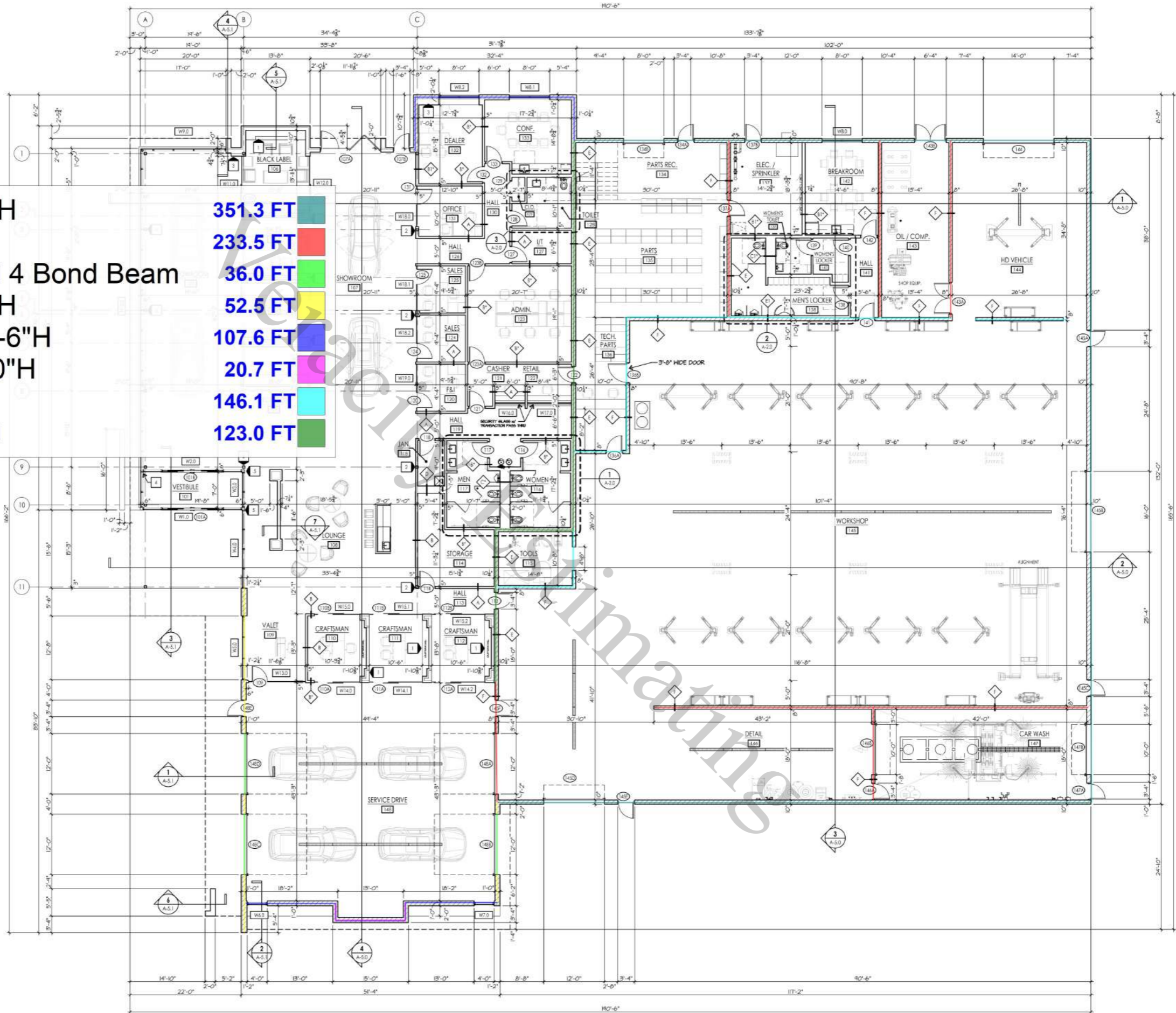
1. WALLS ARE INDICATED WITH NOMINAL DIMENSIONS. REFER TO HALL SECTIONS AND PARTITION TYPES FOR ACTUAL DIMENSIONS AND WALL THICKNESS.
2. DIMENSIONS ARE TO THE FACE OF GYPSUM BOARD, CONCRETE BLOCK, FACE OF METAL CLADDING, AND/OR OUTSIDE EDGE OF DOOR FRAME, UNLESS NOTED OTHERWISE.

FLOOR PLAN KEY NOTES

1. FIXTURE / DISPLAY / CRAFTSMAN HALL PROVIDED AND INSTALLED BY MFR, INCLUDING POWER, DATA, AND ANY LIGHTING. SEE SHOP DRAWINGS FOR INFORMATION.
2. GYP. BD. WRAPPED COLUMN. PROVIDE 5/8" GYP. BD. ON METAL FRAMING (PARTITION TYPE 3) FOR DIMENSIONS INDICATED. ADJUST FRAMING SIZE AS REQUIRED TO ALIGN FACE OF COLUMN WRAP WITH SOFFIT ABOVE.
3. FURR OUT HALL FRAMING FOR ROOF DRAIN LINE FROM ABOVE. SEE PLUMBING DRAWINGS.
4. PROVIDE PREFINISHED ALUMINUM CLOSURE/FRM MATCH GLAZING AT BID OF SLIDING DOOR FRAME TO CLOSE OFF GYP. AT BACK OF CURTAINWALL FRAME.
5. PROVIDE PREFINISHED ALUMINUM WRAP AT CORNERS OF GLAZING SYSTEMS TO MATCH GLAZING. PROVIDE 20GA. MET. STUDS AND/OR HOOD BLOTTING SECURELY ATTACHED TO FLOOR AND STRUCTURE ABOVE AS REQUIRED FOR GLAZING ATTACHMENT PER MFR. DETAILS.
6. EXPOSED STEEL COLUMNS TO BE PAINTED, TYPICAL.

-  10" CMU Wall 25'H
-  F 8" 23'H
-  10" CMU Wall 9'H 4 Bond Beam
-  10" CMU Wall 21'H
-  10" CMU Wall 13'-6"H
-  10" CMU Wall 7'-0"H
-  F 8" 20'H
-  8" CMU Wall 25'H

-  351.3 FT
-  233.5 FT
-  36.0 FT
-  52.5 FT
-  107.6 FT
-  20.7 FT
-  146.1 FT
-  123.0 FT



LG
LINDEN GROUP

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LAND PLANNING
INTERIOR ARCHITECTURE
LANDSCAPE ARCHITECTURE

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Napleton
ARCHITECTS

LINCOLN

VERACITY
ESTIMATING

Construction Estimation Services



DATE: 2024/05/04
DATE: 2024/05/17

2022-0070
PROJECT NUMBER

5-17-2024
DATE

TMH
DRAWN BY

FINAL REVIEW

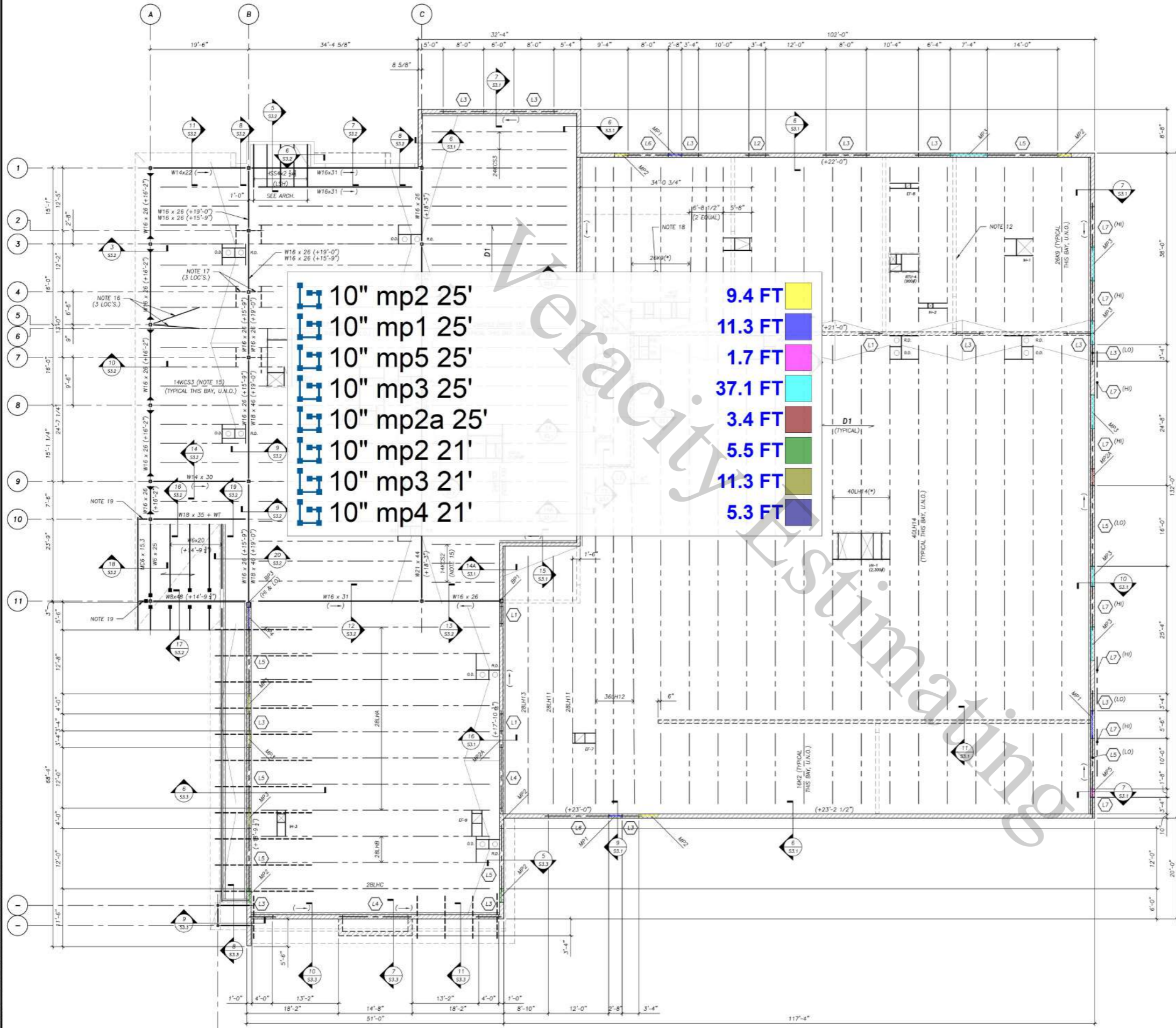
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FLOOR PLAN

SHEET NAME

A-1.0

5489



10" mp2 25'	9.4 FT
10" mp1 25'	11.3 FT
10" mp5 25'	1.7 FT
10" mp3 25'	37.1 FT
10" mp2a 25'	3.4 FT
10" mp2 21'	5.5 FT
10" mp3 21'	11.3 FT
10" mp4 21'	5.3 FT

ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

NOTES:

- TOP OF STEEL BEAM, TOP OF JOIST BEARING ELEVATION NOTED THUS () ON PLAN. MAINTAIN UNIFORM ROOF MEMBER SLOPES FROM HIGH POINT TO LOW POINT, TYPICALLY.
- CONTRACTOR SHALL COORDINATE LOCATION AND SIZE OF ALL ROOF PENETRATIONS, MECHANICAL EQUIPMENT, ETC. WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
- ROOF OPENINGS INDICATED ON PLAN DO NOT REPRESENT THE EXACT SIZE AND QUANTITIES TO BE PROVIDED. STEEL CONTRACTOR TO COORDINATE ALL OPENING SIZES, LOCATIONS AND QUANTITIES WITH MECHANICAL DRAWINGS AND CONTRACTOR.
- MECHANICAL ROOF TOP UNITS TO BE SUPPORTED ON CURBS THAT SPAN FROM BEAM/JOIST TO BEAM/JOIST. MECHANICAL CONTRACTOR TO SUBMIT SUPPORT DETAILS TO THE ENGINEER FOR REVIEW PRIOR TO INSTALLATION OF MECHANICAL UNITS.
- SEE SHEET S3.1 FOR TYPICAL ROOF FRAMING DETAILS.
- ALL ROOF FRAMING MEMBERS TO BE EVENLY SPACED, UNLESS NOTED OTHERWISE.
- STEEL BAR JOIST DESIGNER NOTE:
 - HVAC LOADS INDICATED ON PLAN. GENERAL CONTRACTOR SHALL VERIFY ACTUAL LOCATIONS WITH THE MECHANICAL CONTRACTOR AND/OR DRAWINGS. JOIST MARKED SPECIAL (*) SHALL BE DESIGNED TO SUPPORT ADDITIONAL CONCENTRATED LOADS, AT EACH CORNER OF THE UNIT, EQUAL TO 30% OF THE TOTAL UNIT LOAD NOTED ON THE PLANS. FOR JOIST REINFORCEMENT REQUIREMENTS SEE DETAIL 1/S3.1.
 - AT JOIST CONTRACTOR'S OPTION, MULTIPLE JOISTS MAY BE USED IN LIEU OF SINGLE JOISTS TO SUPPORT LOADS SHOWN ON THE PLAN AND/OR DIAGRAMS. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE STRUCTURAL STEEL CONTRACTOR TO PROVIDE ADDITIONAL ANCHORS AND BEARING PLATES, AS REQUIRED.
 - CHECK ALL BAR JOISTS FOR STRESS REVERSALS.
- R.D. - DENOTES ROOF DRAIN. SEE MEP DRAWINGS.
- O.D. - DENOTES OVERFLOW ROOF DRAIN. SEE MEP DRAWINGS.
- BP1 - DENOTES BEARING PLATE. SEE PLATE SCHEDULE ON SHEET 50.3.
- MP1 - DENOTES MASONRY PIER. SEE MASONRY PIER DETAILS ON SHEET 50.3.
- BRACE TOP OF FULL HEIGHT NON-BEARING MASONRY PARTITIONS TO ROOF STRUCTURE PER DETAIL 4/S3.1. SEE ARCH. DRAWINGS FOR LOCATIONS.
- LINTELS FOR OPENINGS THROUGH INTERIOR NON-BEARING MASONRY PARTITIONS HAVE TYPICALLY NOT BEEN SHOWN. COORDINATE SIZE AND LOCATION OF OPENINGS WITH ARCHITECTURAL AND MEP DRAWINGS. SEE SCHEDULE ON SHEET 50.3 FOR LINTELS IN NON-BEARING MASONRY PARTITIONS.
- TYPICAL MASONRY WALL REINFORCING SHALL BE #6 VERTICAL @ 32" O.C. (U.N.O.). SEE DETAIL 1/S0.3 FOR ADDITIONAL INFORMATION.
- DESIGN JOIST TO RESIST ± 1.5 K AXIAL LOAD (1.0W OR 1.0E).
- WT4x5 COLUMN BRACE IN ROOF PLANE. CONNECT TO JOIST TOP CHORD AT BRIDGING LINE. WELD DECK @ 12" O.C.
- COLUMN BRACE IN HIGH & LOW ROOF PLANES PER DETAIL 14/S3.2, SIM.
- BEAM CONNECTION DESIGN TO RESIST AXIAL FORCE OF ± 15.0 KIPS (1.0W).
- W6x12 OUTRIGGER WELD TO STEEL COLUMN W/3/16" ALL-AROUND FILLET WELD.
- SEE THE FOLLOWING SHEETS FOR ADDITIONAL INFORMATION:
 - SHEET S0.0 GENERAL STRUCTURAL NOTES
 - SHEET S0.0A SNOW DRIFT AND JOIST LOADING DIAGRAMS

LEGEND - ROOF FRAMING

D1 INDICATES DIRECTION OF SPAN OF 1 1/2" METAL DECK, 22 GA., TYPE B.