

ing sample including the source files. For further details or inquiries, feel free to reach out to us at d

ENANT IMPROVEMENT STORE NO. US233

**** DETAILED**

KEY NOTES:

1. LIGHT BOX FORMERLY BY THOMAS' VENDOR, TO BE INSTALLED BY E.E. FOR THE NEW NON-TORCHABLE CHANGES. INSTALL A NEW CHASE BEHIND THE FORMER SUPPLY ROUTE AND THE NEW FINAL CONNECTIONS. SEE BELOW FOR LIGHT BOX MOUNTING. ALL WIRING AND CONDUIT SHALL BE INSTALLED WITHIN THE LIGHT BOX ENCLOSURE.
2. LIGHT BOX FORMERLY BY THOMAS' VENDOR, TO BE INSTALLED BY E.E. FOR THE NEW NON-TORCHABLE CHANGES. INSTALL A NEW CHASE BEHIND THE FORMER SUPPLY ROUTE AND THE NEW FINAL CONNECTIONS. SEE BELOW FOR LIGHT BOX MOUNTING. ALL WIRING AND CONDUIT SHALL BE INSTALLED WITHIN THE LIGHT BOX ENCLOSURE.
3. LIGHT BOX FORMERLY BY THOMAS' VENDOR, TO BE INSTALLED BY E.E. FOR THE NEW NON-TORCHABLE CHANGES. INSTALL A NEW CHASE BEHIND THE FORMER SUPPLY ROUTE AND THE NEW FINAL CONNECTIONS. SEE BELOW FOR LIGHT BOX MOUNTING. ALL WIRING AND CONDUIT SHALL BE INSTALLED WITHIN THE LIGHT BOX ENCLOSURE.

GENERAL LIGHTING NOTES:

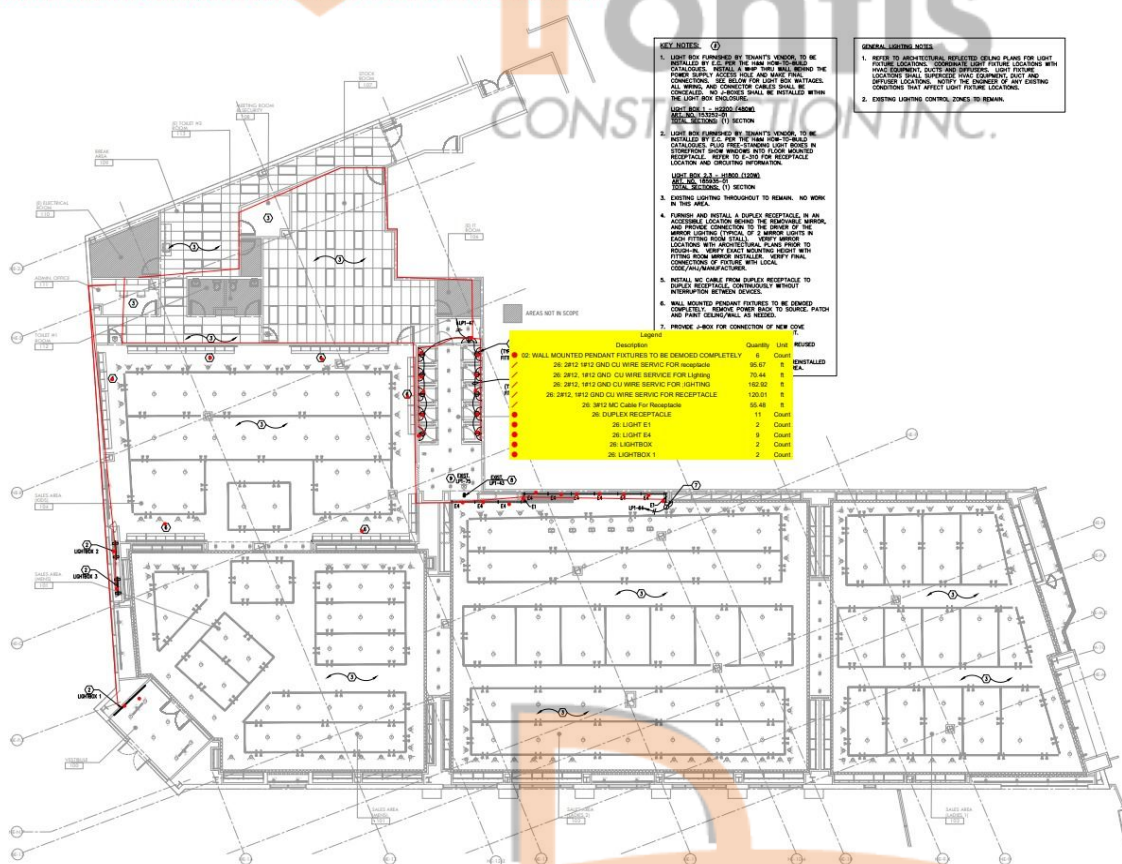
1. REFER TO ARCHITECTURAL REFLECTOR FIXTURE PLANS FOR FUTURE LOCATIONS. CONFORMANCE LIGHT FIXTURE LOCATION, HEIGHT, SPACING AND SPACING. LIGHT FIXTURE LOCATIONS SHALL BE DETERMINED BY THE ENGINEER OF ANY CHANGES THAT AFFECT LIGHT FIXTURE LOCATION.
2. EXISTING LIGHTING CONTROL ZONES TO REMAIN.

LEGEND

Description	Quantity	UNIT	REMARKS
26 2012 1012 GND CU WIRE SERVICE FOR HOOKUPS	8	Count	
26 2012 1012 GND CU WIRE SERVICE FOR LAMPING	79	ft	UNTERMINATED E.A.
26 2012 1012 GND CU WIRE SERVICE FOR LIGHTING	162	ft	
26 2012 1012 GND CU WIRE SERVICE FOR RECEPTACLE	1,283	ft	
26 2012 MC Cable For Receptacles	55	ft	
26 DUPLEX RECEPTACLE	11	Count	
26 LIGHT E1	2	Count	
26 LIGHT E4	9	Count	
26 LIGHTBOX 1	2	Count	

1 LIGHTING PLAN

** DETAILED - MARKUPS **



1 LIGHTING PLAN



ARCHITECT
MG2 CORPORATION
20 W 22ND STREET, #140
NEW YORK, NY 10011
T: 206.962.6500



**HALLBERG
ENGINEERING**
Mechanical/Electrical/Structural Engineering
4381 Commons Court
White Bear Lake, MN 55120
(612) 386-0200 • Fax (612) 386-0201

REVISED

ISSUE DATE:	
05.10.24	80% REDLINE REVIEW
06.07.24	11 REVIEW

HEI PROJECT NO.:	R24-4937.000
PRODUCT SEASON:	2024
PRICE AND:	2.00

SHEET TITLE:

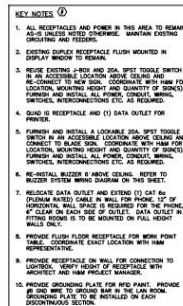
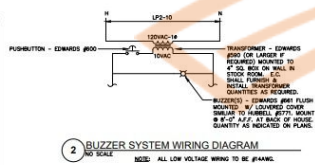
GENERAL
LIGHTING PLAN

H&M
2024
US 233
FLAT IRON CROSSING
SPACE NO. 2076
WEST FLAT IRON CIRCLE
ROOMFIELD, CO 80071

SHEET NO.

REV. NO:

STRENGTHS:



ARCHITECT
MG2 CORPORATION
20 W 22ND STREET, #1403
NEW YORK, NY 10010
T: 206.962.6500



**HALLBERG
ENGINEERING**
Mechanical/Structural Consulting Engineers
4301 Commerce Court
Wilde Bear Lake, UT 84394
(801) 790-0100 • Fax (801) 790-0133

REVISIONS:	

ISSUE DATE: 05.10.24 80% REDLINE REVIEW
06.07.24 LL REVIEW

HEI PROJECT NO.:	R24-4937.00
PRODUCT SEASON:	202
SPACE NO.:	207
DRAWN BY:	BJK/DJQ/PJ
SCALE:	AS NOTED
SHEET TITLE:	

POWER PLAN

H&M
2024
US233
FLAT IRON CROSSING
SPACE NO. 2076
1 WEST FLAT IRON CIRCLE
BROOMFIELD, CO 80021

SHEET NO:
E-310

DOI: 10.1002/for

DETAILED TAKEOFF BREAKDOWN & ACCURATE PRICING

DETAILED BREAKDOWN OF ITEMS												
Prepared for: H&M INTERIOR TENANT IMPROVEMENT STORE NO. US233												
Project ID: FLAT IRON CROSSING SPACE NO. 2076 1 WEST FLAT IRON CIRCLE BROOMFIELD, CO 80021												
Scope: ELECTRICAL												
Date: 7/1/2024												
TOTAL LABOR H Hourly rate TOTAL MATERIAL COST \$ 11,846.94												
411.01 150.00												
SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	LABOR HOUR	HOURLY WAGE	LABOR COST	UNIT MAT. COST	MATERIAL COST	SUB COST
DIV-1 GENERAL REQUIREMENTS												
1	Permits	1	LS	0%	1	0.000	0.00	\$ 150.00	\$ -	\$ -	\$ -	\$ -
2	Supervision and Coordination	1	LS	0%	1	0.000	0.00	\$ 150.00	\$ -	\$ -	\$ -	\$ -
3	Submittals and Shop Drawings	1	LS	0%	1	0.000	0.00	\$ 150.00	\$ -	\$ -	\$ -	\$ -
4	Final Cleaning	1	LS	0%	1	0.000	0.00	\$ 150.00	\$ -	\$ -	\$ -	\$ -
5	Mobilization Costs	1	LS	0%	1	0.000	0.00	\$ 150.00	\$ -	\$ -	\$ -	\$ -
6	Temporary Control & Facilities	1	LS	0%	1	0.000	0.00	\$ 150.00	\$ -	\$ -	\$ -	\$ -
7	Scaffolding	1	LS	0%	1	0.000	0.00	\$ 150.00	\$ -	\$ -	\$ -	\$ -
											SUBTOTAL \$	
DIV-02 EXISTING CONDITION												
DEMOLISH												
8	Remove Wall Mounted Pendant Fixture	6	EA	0%	30	0.080	1.50	\$ 150.00	\$ 225.00		\$ -	\$ 225.00
DIV-26 ELECTRICAL												
CONDUIT												
9	3/4" Emt Conduit	2820	LF	10%	3102	0.062	192.32	\$ 150.00	\$ 28,848.60	\$ 1.12	\$ 3,474.24	\$ 32,322.84
CONDUCTOR												
10	2#12 Mc Cable For Receptacle	60	LF	10%	66	0.038	2.51	\$ 150.00	\$ 376.20	\$ 0.36	\$ 23.76	\$ 399.96
11	2#12, #12 Gnd Cu Wire Service For Lighting	270	LF	10%	297	0.040	11.88	\$ 150.00	\$ 1,782.00	\$ 0.48	\$ 142.56	\$ 1,924.56
12	2#12, #12 Gnd Cu Wire Service For Receptacle	1540	LF	10%	1694	0.040	67.76	\$ 150.00	\$ 10,164.00	\$ 0.54	\$ 914.76	\$ 11,078.76
13	2#12, #12 Gnd Cu Wire Service For Blade Sign	320	LF	10%	352	0.040	14.08	\$ 150.00	\$ 2,112.00	\$ 0.54	\$ 190.08	\$ 2,302.08
14	Cat5e/Cat6 Cable for Data/Tele Outlet	340	LF	10%	374	0.065	24.31	\$ 150.00	\$ 3,646.50	\$ 0.55	\$ 205.70	\$ 3,852.20
15	Rj45 Cable For Security Camera	290	LF	10%	319	0.045	14.36	\$ 150.00	\$ 2,153.25	\$ 0.32	\$ 293.48	\$ 2,446.73
16	#6 Cu Ground Cu Plate	40	LF	10%	44	0.080	3.52	\$ 150.00	\$ 528.00	\$ 0.90	\$ 39.60	\$ 567.60
LIGHTING FIXTURE												
17	Lightbox 1, (1) Section, H2200 Lightbox, Mfg. Specialty Lighting, Cat # 153252-01, 480Watt Led	2	EA	0%	2	2.000	4.00	\$ 150.00	\$ 600.00	\$ 352.00	\$ 704.00	\$ 1,304.00
18	Lightbox 2, Freestanding, H1800 Lightbox, Mfg. Specialty Lighting, Cat # 185935-01, 120Watt Led	1	EA	0%	1	1.500	1.50	\$ 150.00	\$ 225.00	\$ 224.00	\$ 224.00	\$ 449.00
19	Lightbox 3, Freestanding, H1800 Lightbox, Mfg. Specialty Lighting, Cat # 185935-01, 120Watt Led	1	EA	0%	1	1.500	1.50	\$ 150.00	\$ 225.00	\$ 224.00	\$ 224.00	\$ 449.00
20	Light E1, 22" Slimline Xi Furnish w/ Bulb - Cool White, Mfg. Specialty Lighting, Cat # 102079-01, 1	2	EA	0%	2	0.900	1.80	\$ 150.00	\$ 270.00	\$ 164.00	\$ 328.00	\$ 598.00
21	Light E4, 59" Slimline Xi Furnish w/ Bulb - Cool White, Mfg. Specialty Lighting, Cat # 102082-01, 1	9	EA	0%	9	0.950	8.55	\$ 150.00	\$ 1,282.50	\$ 184.00	\$ 1,656.00	\$ 2,938.50
22	Exit Light	2	EA	0%	2	0.850	1.70	\$ 150.00	\$ 255.00	\$ 102.00	\$ 204.00	\$ 459.00
LIGHTING CONTROL												
23	Lockable 20A SPT Toggle Switch with Junction box	2	EA	0%	2	0.950	1.90	\$ 150.00	\$ 285.00	\$ 48.00	\$ 96.00	\$ 381.00
POWER RECEPTACLE												
24	Duplex Receptacle	12	EA	0%	12	0.550	6.60	\$ 150.00	\$ 990.00	\$ 18.00	\$ 216.00	\$ 1,206.00
25	Flush Floor Receptacle	1	EA	0%	1	0.850	0.85	\$ 150.00	\$ 127.50	\$ 26.00	\$ 26.00	\$ 153.50
26	Duplex Receptacle - Tamper Resistant	1	EA	0%	1	0.900	0.90	\$ 150.00	\$ 135.00	\$ 48.00	\$ 48.00	\$ 183.00
27	Duplex Receptacle - Gfci - Ig	3	EA	0%	3	1.000	3.00	\$ 150.00	\$ 450.00	\$ 64.00	\$ 192.00	\$ 642.00
28	Quad Receptacle - IG	15	EA	0%	15	0.950	14.25	\$ 150.00	\$ 2,137.50	\$ 56.00	\$ 840.00	\$ 2,977.50
Circuit Breaker												
29	New 20Amp, 1-Pole Circuit Breaker	21	EA	0%	21	0.580	12.18	\$ 150.00	\$ 1,827.00	\$ 18.00	\$ 378.00	\$ 2,205.00
MISC. ITEMS												
30	Junction Box	6	EA	0%	6	1.000	6.00	\$ 150.00	\$ 900.00	\$ 55.00	\$ 330.00	\$ 1,230.00
31	Buzzer Edwards # 661 Flush Mounted	1	EA	0%	1	1.000	1.00	\$ 150.00	\$ 150.00	\$ 81.08	\$ 81.08	\$ 231.08
32	Pushbutton - Edwards # 661	1	EA	0%	1	1.200	1.20	\$ 150.00	\$ 180.00	\$ 54.22	\$ 54.22	\$ 234.22
33	Transformer 10/120VAC, 1-Phase Edwards # 590	1	EA	0%	1	1.600	1.60	\$ 150.00	\$ 240.00	\$ 62.00	\$ 62.00	\$ 302.00
COMMUNICATION OUTLET												
34	Combo Data/Telephone Outlet	7	EA	0%	7	0.616	4.31	\$ 150.00	\$ 646.80	\$ 65.00	\$ 455.00	\$ 1,101.80
35	Fixed Domed Security Camera	2	EA	0%	2	2.963	5.93	\$ 150.00	\$ 888.90	\$ 222.23	\$ 444.46	\$ 1,333.36
											SUBTOTAL \$	
											73,498	
OVERHEAD AND PROFIT									PROJECTED COST		\$73,498	
MATERIAL MARKUPS											30%	\$22,049
TAX											15%	\$11,025
											8.25%	\$6,064
SUGGESTED BID											\$112,635	
Note:												
1. Please verify the Electrical and their prices with owner.												
2. Online sources are used for pricing.												
3. Prices can vary Depending upon field conditions.												

CONSTRUCTION INC.



GENERAL SUMMARY

Prepared for:	H&M INTERIOR TENANT IMPROVEMENT STORE NO. US233
Project ID:	FLAT IRON CROSSING SPACE NO. 2076 1 WEST FLAT IRON CIRCLE
Scope:	BROOMFIELD, CO 80021
No. Of Floors:	ELECTRICAL
Date:	1-Jul-24

BUILDING GSF	20,800
--------------	--------

DIVISION NO.	DESCRIPTION	TOTAL DIV. COST
1000	GENERAL REQUIREMENT	\$ -
26000	ELECTRICAL	\$ 73,498
TOTAL TRADE COST		\$ 73,498

OVERHEAD AND PROFIT	30%	\$ 22,049.31
MATERIAL MARKUPS	15%	\$ 11,025
TAX	8.250%	\$ 6,064
TOTAL TRADE COST		\$ 112,635

