



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Date: May 13, 2024



To: Honorable Mayor and Members of the Troy City Council

From: Mark F. Miller, City Manager
Lori Grigg Bluhm, City Attorney
Robert F. Bruner, Deputy City Manager
Megan E. Schubert, Assistant City Manager
R. Brent Savidant, Planning Director
Julie Quinlan Dufrane, Assistant City Attorney

Subject: PROPOSED FIFTH AMENDMENT TO CONSENT JUDGMENT –
Meritor Automotive, et al v City of Troy, Case number 94-487484-CZ –
a/k/a Cambridge Crossing

The *Meritor Automotive, et al v City of Troy* case was resolved in 1999 through a consent judgment, which is a negotiated settlement allowing certain uses of land but also providing certain restrictions to development. This consent judgment has been amended four times. The prior amendments have mostly been related to certain requests made by Walmart to accommodate the expansion of their business. For example, one amendment allowed Walmart to have outdoor seasonal uses that would otherwise be prohibited. The original consent judgment limited maximum gross retail space to 232,000 square feet. Prior amendments have increased the total allowable retail space to 236,272 square feet.

The attached proposed Fifth Amendment to the Consent Judgment is a similar request from Walmart to permit an expansion of its retail operations. In summary, the amendment permits Walmart to expand by an additional 2680 square feet. Walmart reports that it needs this expansion mainly to accommodate its pick-up program. The retailer will also be making some changes in the existing parking lot, such as striping, paving, signage, and new light poles, in further accommodation of the pick-up program.

Given that these changes are considered relatively *de minimus*, the site plan has been administratively reviewed and approved by City Management, in accordance with the Consent Judgment. However, the Consent Judgment will need to be amended before the retailer can complete the proposed changes.

City Administration recommends City Council approve the attached proposed consent judgment amendment. If it is approved, then it would be presented to Oakland County Circuit Court Judge Jacob Cunningham. If Judge Cunningham signs off on the stipulated amendment, then it would be recorded with the Oakland County Register of Deeds. Upon completion of all of these steps, Walmart would then be able to make the proposed changes, in accordance with the revised site plan.

STATE OF MICHIGAN
IN THE CIRCUIT COURT FOR THE COUNTY OF OAKLAND

MERITOR AUTOMOTIVE, INC.,
a Delaware corporation, and
THE NELSON COMPANIES, INC.,
a Michigan corporation

vs.

Case No. 94-487484-CZ
Hon. _____

CITY OF TROY, a municipal
Corporation.

SUSO 1 Cambridge LP
Successor in interest of Plaintiffs
TYLER D. TENNENT (P36708)
Dawda, Mann, Mulcahy & Sadler PLC
39533 Woodward Ave, Ste 200
Bloomfield Hills, Michigan 48301-5103
(248) 642-3700

LORI GRIGG BLUHM (P46908)
JULIE QUINLAN DUFRANE (P59000)
Attorneys for the City of Troy
500 W. Big Beaver Road
Troy, Michigan 48084
(248) 524-3320

STIPULATION AND FIFTH ORDER AMENDING CONSENT JUDGMENT

At a session of said court held in the
Courthouse in the City of Pontiac, Oakland County,
Michigan on: _____

PRESENT: HONORABLE
OAKLAND COUNTY CIRCUIT COURT JUDGE

The parties, through their respective counsel and by themselves, hereby stipulate and agree to this Stipulation and Fifth Order Amending Consent Judgment ("Fifth Amendment") as follows:

WHEREAS, this matter was resolved through the entry of a Consent Judgment on May 10, 1999 (the "Original Consent Judgment"), and the Original Consent Judgment was modified on March 26, 2002 by the entry of a Stipulation and Order Amending Consent Judgment (the "First Amendment"); on November 25, 2002 by entry of a Stipulation and Order Amending Consent Judgment (the "Second Amendment"); on March 20, 2003 by the entry of a Stipulation and Third Order Amending Judgment (the "Third Amendment"); and, on August 16, 2011 by the entry of a Stipulation and Fourth Order Amending Consent Judgment (the "Fourth Amendment"). The Original Consent Judgment, the First Amendment, the Second Amendment, the Third Amendment, and the Fourth Amendment are referred to collectively as the "Consent Judgment".

WHEREAS, the land identified as Parcel A in the Original Consent Judgment described in Exhibit A incorporated therein (and also attached and incorporated by reference as Exhibit A to this Fifth Amendment), was and is permitted to be developed, used and occupied for the purposes set forth in Article XXI, B-2, Community Business District, within the meaning of Chapter 39, Section 21.00.00, et seq., of the Troy City Code, except as specifically modified by the terms of the Consent Judgment.

WHEREAS, subsequent to the entry of the Original Consent Judgment, Plaintiff, Cambridge Crossing Shops #1, LLC ("Cambridge Crossing #1 ") acquired Parcel A from Meritor Heavy Vehicle Systems, LLC, a wholly owned subsidiary of Meritor Automotive, Inc. and developed Parcel A into an operating retail shopping center with various retail tenants as permitted by the Consent Judgment.

WHEREAS, on or about January 31, 2003, Cambridge Crossing Shops #2, LLC ("Cambridge Crossing #2") acquired Parcel A from Cambridge Crossing #1 and thereafter Cambridge Crossing #2 continued to operate Parcel A as a retail shopping center with various retail tenants as permitted by the Consent Judgment.

WHEREAS, on or about December 5, 2012, SUSO 1 Cambridge LP, a Delaware limited partnership acquired Parcel A from Cambridge Crossing #2 and thereafter SUSO 1 Cambridge LP continued to operate Parcel A as a retail shopping center with various retail tenants as permitted by the Consent Judgment.

WHEREAS, SUSO 1 Cambridge LP is the successor in interest of the Plaintiffs to all ownership interests in Parcel A and the original Plaintiffs in this matter no longer have any ownership interests in Parcel A.

WHEREAS, as requested by Plaintiffs, the planning staff of the Defendant, City of Troy, administratively reviewed a site plan relating to Parcel A as depicted on the revised site plan attached hereto and incorporated herein by reference as Exhibit B to this Fifth Amendment, (the "Revised Site Plan") proposed by Carlson Consulting Engineers, Inc., as agent of one of the tenants on Parcel A, Wal-Mart Real Estate Business Trust ("Wal-Mart"), with the consent of SUSO 1 Cambridge LP to facilitate the expansion of the current retail operations which are housed in a retail building on Parcel A in which Wal-Mart, currently operates its retail business. City Administration approved this site plan, contingent upon a Consent Judgment Amendment; and

WHEREAS, on May 13, 2024, the Troy City Council stipulated to this Fifth Amendment to the Consent Judgment that would allow for the construction of improvements to Parcel A, as identified on the Revised Site Plan, which was contingently approved by Troy City Administration. Plaintiff has also stipulated to this Fifth Amendment to the Consent Judgment, and both parties desire to amend the Consent Judgment accordingly.

NOW THEREFORE,

IT IS HEREBY ORDERED that this Fifth Amendment to the Consent Judgment is APPROVED, and notwithstanding anything to the contrary in the Consent Judgment, the attached and incorporated Revised Site Plan is hereby approved; and the Plaintiffs, their successors and assigns, hereby have the right, but not the obligation, to construct all or any part of the improvements set forth in the Revised Site Plan, subject to obtaining all applicable building and engineering permits required for such construction in the ordinary course of business.

For further clarification, as a result of the approval of this Fifth Amendment to the Consent Judgment, Plaintiffs are able to develop, use and operate Parcel A consistent with the Revised Site Plan, which includes but is not limited to the following features and uses:

- (a) Expansion of the retail building on Parcel A, in which Wal-Mart currently operates its retail business, by approximately 2,680 square feet to enhance and add features associated with the existing and approved grocery pickup program use ("Expansion Area");
- (b) Elimination of 26 parking spaces and installation of new sidewalk to accommodate the construction of the Expansion Area;
- (c) Restriping of parking lot to add grocery pickup parking spaces;
- (d) Adding signage at each new grocery pickup parking space and installation of traffic control signage;
- (e) Modification to existing utilities such as storm sewer and downspouts;
- (f) Addition of light poles; and
- (g) Installation of new paving around the Expansion Area.

IT IS FURTHER ORDERED that to the extent additional review, approvals, variances or consents are required by the City of Troy with respect to any element of the Revised Site Plan to

give appropriate meaning and effect to the Revised Site Plan or to the terms of the Original Consent Judgment, the First Amendment, the Second Amendment, the Third Amendment, the Fourth Amendment, and this Fifth Amendment, such review, approvals, variances or consents shall not unreasonably be delayed, conditioned or denied by the City of Troy.

IT IS FURTHER ORDERED that every provision of the Original Consent Judgment, the First Amendment, the Second Amendment, the Third Amendment, and the Fourth Amendment on file with this Court, whether or not expressly referenced in this Fifth Amendment, are incorporated herein by reference.

IT IS FURTHER ORDERED that this court shall retain jurisdiction in all matters concerning the development and use of Parcel A and the implementation of the Orders of this Court related to Parcel A and the matters covered by the Original Consent Judgment, the First Amendment, the Second Amendment, the Third Amendment, the Fourth Amendment, and this Fifth Amendment.

IT IS FURTHER ORDERED THAT the parties acknowledge that there may be modifications to the Revised Site Plan that are dependent on issues that arise after the approval of this Fifth Amendment that are concerned with minor modifications to the building sizes and shapes or other site plan issues that occur in the building process for the above mentioned improvements; and further, that these minor modifications to the Revised Site Plan, not inconsistent with the spirit of the Consent Judgment, may be made without the necessity of amending the Consent Judgment, with the approval of the City Administration. The City Administration shall have the discretion to determine whether a modification is "minor" in accordance with this paragraph and whether such modifications require a written amendment to the Consent Judgment.

IT IS FURTHER ORDERED that this Fifth Amendment shall control to the extent there are any conflicts between it and the Original Consent Judgment, the First Amendment, the Second Amendment, the Third Amendment, or the Fourth Amendment.

IT IS HEREBY ORDERED that a Plaintiff shall record a certified copy of this Fifth Amendment with the Oakland County Register of Deeds.

[Signatures on Next Pages]

**SIGNATURE PAGE TO STIPULATION AND
FIFTH ORDER AMENDING CONSENT JUDGMENT
OAKLAND COUNTY CIRCUIT COURT CASE NO. 94-487484-CZ**

THE UNDERSIGNED PARTIES HAVE HEREBY READ, UNDERSTAND, AGREE AND CONSENT TO THE FOREGOING STIPULATION AND FIFTH ORDER AMENDING CONSENT JUDGMENT AND ALL TERMS AND CONDITIONS STATED THEREIN. ALL SUCH PARTIES HEREBY REPRESENT THAT THEY HAVE OBTAINED ADVICE OF COUNSEL AND ARE CONSENTING TO THIS STIPULATION AND ORDER AMENDING CONSENT JUDGMENT FREELY AND VOLUNTARILY.

SUSO 1 CAMBRIDGE LP,
a Delaware limited partnership

By: SUSO 1 Cambridge GP LLC, its General Partner

By: Slate U.S. Opportunity (No. 1) Holding LP, its Manager

By: Slate U.S. Opportunity (No. I) Holding (GP) LP., its General Partner

By: Slate U.S. Opportunity Holding (GP), LLC, its General Partner

By: _____

Print Name: Paul F. Wells

Its: Manager

Dated: _____

APPROVED AS TO FORM AND CONTENT:

DAWDA, MANN, MULCAHY & SADLER, PLC

By: _____

Tyler D. Tennent (P36708)

Attorneys for Plaintiff

39533 Woodward Avenue, Suite 200

Bloomfield Hills, Michigan 48301-5103

(248) 642-3700

Dated: _____

**SIGNATURE PAGE TO STIPULATION AND
FIFTH ORDER AMENDING CONSENT JUDGMENT
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CITY OF TROY, a Municipal corporation

By: _____
 Ethan D. Baker

Its: Mayor _____

By: _____
 M. Aileen Dickson

Its: City Clerk _____

Dated: _____

APPROVED AS TO FORM AND CONTENT:

CITY OF TROY CITY ATTORNEY'S OFFICE

By: _____
 Lori Grigg Bluhm

Its: City Attorney _____

Dated: _____

Exhibit A
Legal Description of Parcel A

Part of the Northeast 1/4 of Section 32, Town 2 North, Range 11 East, City of Troy, Oakland County, Michigan, described as:

Beginning at point distant South 00°29'31" West, 60 feet and South 89°53'40" East 402.74 feet from the North ¼ corner; thence South 89°53'40" East, 80.02 feet; thence South 00°03'45" West, 581.40 feet; thence South 89° 53'40" East 450 feet; thence North 00°03'45" East, 581.40 feet; thence South 89°53'40" East 401.12 feet; thence South 00°10'41" West, 1452.65 feet; thence North 89° 30'11" West, 848.21 feet; thence North 00°03'45" East, 515.37 feet: thence North 89°38'34" West, 81.92 feet; thence North 00° 10'46" East, 931.12 feet to the point of beginning, except that part conveyed to the City of Troy for road purposes by the Quit Claim Deed recorded in Liber 21432, Page 215, Oakland County Records.

Commonly Known As: 1933 W Maple Rd

Tax Parcel ID: 20-32-200-032

Drafted By:
Tyler D. Tennent, Esq.
Dawda Mann Mulcahy & Sadler PLC
39533 Woodward Avenue, Suite 200
Bloomfield Hills, Michigan 48304
(248) 642-3700

Return to:
City Clerk
City of Troy
500 W. Big Beaver Road
Troy, Michigan 48084

Exhibit B
Revised Site Plan

[to be inserted]

EXHIBIT B

Walmart Store No. 2873-111

Site Plan, last revision date 2/29/2024

The Site Plan and related plans are maintained in the records of the City of Troy, copies of which are attached and identified as follows:

1. Cover Sheet, C1
2. Site Details, Sheet SP2
3. Demolition Plan, Sheets D1, D1.1, D1.2
4. Floor Plan and Details, Sheets A1, A1.1
5. Exterior Elevations, Sheet A2, A 2.1, A2.2
6. Sections and Details, Sheet A3
7. Roof Plan and Details, Sheet A4
8. Enlarged Plans, Elevations and Details, Sheets A5, A5.1
9. Rear Office Plan and Details, Sheet A6
10. Door Schedule, Finishes and Details, Sheet A8
11. Breakroom Plans, Elevation, and Details, Sheet BR1
12. Modular Pharmacy Plans, Elevations, and Details, Sheets PHM1, PHM2
13. Vision Center Plans and Details and Elevation, Sheets VC1, VC1.1, VC2, VC3
14. Responsibility Schedules, Sheet GA5.1
15. Exterior Expansion Floor Plans and Details, Sheet OP1.0
16. Expansion Wall Sections and Details, Sheet OP1.3
17. General Structural Information, Sheet S0
18. Partial Framing Plan and Details, Sheets S1.1, S2, S3, S4
19. Lighting Plan, Sheets E1, E1.1, E1.2, E1.3, E1.4, E1.5,
20. Power Plan, Sheets E2, E2.1, E2.2, E 2.3
21. Electrical Legends, General Notes and Details, Sheet E3
22. Electrical One-Line Details and Schedules, Sheets E4, E4.1, E4.2
23. Pharmacy Electrical Plan, Sheet EPH1
24. Vision Center Electrical Plans, Sheet EVC1
25. Refrigeration Electrical Plan, Sheets RE1, RE1.1
26. Demo plan, Sheets SD1
27. Site Plan, Sheet SD2
28. Grading and Utility, Sheet SD3
29. Life Safety Plan, Sheet LS1

TROY, MICHIGAN
STORE NO.: 2873-111

EXISTING SQFT:	152,777
REMODELED SQFT:	7,465
DEMOLISHED SQFT:	2,028
EXPANSION SQFT:	4,857
TOTAL SQFT:	155,606
PROTO CYCLE:	09/30/22
DATE:	12/13/22
PROTO:	150 EXP

C1	COVER SHEET	BR1	BREAKROOM PLANS, ELEVATION AND DETAILS
C2	RESPONSIBILITY MATRIX	PHM1	MODULAR PHARMACY PLANS, ELEVATIONS AND DETAILS
C3	GENERAL INFORMATION	PHM2	MODULAR PHARMACY SECTIONS AND DETAILS
SA1	SCHEDULES AND ALLOWANCES	PHM3	PHARMACY RESTROOM DETAILS
		PHM3	PHARMACY EQUIPMENT (FOR REFERENCE ONLY)
		PHM4	PANEL PLAN, ELEVATION AND DETAILS
ARCHITECTURAL		PHM5	PHASING PLANS
SP1	SITE PLAN	PHM5.1	PHASING PLANS
SP2	SITE DETAILS	PHM5.2	PHASING PLANS
SP2.1	RAMP DETAILS	VC1	VISION CENTER PLANS AND DETAILS AND ELEVATION
D1	DEMOLITION PLAN AND DETAILS	VC1.1	VISION CENTER ELEVATIONS
D1.1	ENLARGED DEMOLITION PLANS	VC2	REFLECTED CEILING PLANS AND DETAILS
D1.1	ENLARGED RESTROOM DEMOLITION PLANS	VC2	SECTIONS AND DETAILS
A1	FLOOR PLAN AND DETAILS	VC3	EQUIPMENT PLAN (FOR REFERENCE ONLY)
A1.1	FLOOR FINISH PLAN AND DETAILS (VICT)	GA1	FRONT GROCERY PLAN AND DETAILS
A2	EXTERIOR ELEVATIONS	GA1.1	FRONT GROCERY FINISH PLAN AND DETAILS
A2.1	EXTERIOR DETAILS AND SIGNAGES	GA2	REAR GROCERY PLAN AND DETAILS
A2.2	PERMITS	GA5	RESPONSIBILITY SCHEDULES
A3	SECTIONS AND DETAILS	GA5.1	RESPONSIBILITY SCHEDULES
A4	ROOM PLAN AND DETAILS	OP1.0	EXTERIOR EXTERIOR FLOOR PLANS AND DETAILS
A4.1	RESTROOMS, ELEVATIONS, AND DETAILS	OP1.1	PICKUP 2.0 DETAILS
A5	RESTROOM PLANS AND DETAILS	OP1.2	EXPANSION ELEVATIONS, WALL SECTIONS AND DETAILS
A5.1	RESTROOM FLOOR FINISH PLANS AND DETAILS	OP1.3	EXPANSION WALL SECTIONS AND DETAILS
A5.3	RESTROOM FINISH PLANS AND DETAILS	OP1.4	EDGE PROTECTION
A5.4	ENLARGED CHECKOUT PLANS AND DETAILS		
A6	REAR OFFICE PLAN AND DETAILS	FIRE	
A6.1	PARTITION TYPES AND WALL DETAILS	FP1	FIRE SPRINKLER PLAN
A6.2	DOOR SCHEDULE, FINISHES AND DETAILS	FP2.1	ENLARGED FIRE SPRINKLER PLAN
			ENLARGED FIRE SPRINKLER PLAN

FP2.1	ENLARGED FIRE SPRINKLER PLAN
FP2.2	ENLARGED FIRE SPRINKLER PLAN
FP2.3	FIRE PROTECTION DETAILS
FP3.1	FIRE PROTECTION DETAILS
PLUMBING	
MP1	MECHANICAL AND PLUMBING PLAN
P1	ENLARGED PLUMBING PLANS
P1.1	ENLARGED PLUMBING PLANS
P2	PLUMBING DETAILS AND SCHEDULES
MECHANICAL	
M1	ENLARGED MECHANICAL PLANS
M2	MECHANICAL DETAILS
M3	MECHANICAL SCHEDULES
REFRIGERATION	
BSR1	BUILDING AUTOMATION SYSTEM REF
BSR2	BUILDING AUTOMATION SYSTEM REF
BSR3	BUILDING AUTOMATION SYSTEM REF
BSR4	BUILDING AUTOMATION SYSTEM REF
RD1	REFRIGERATION DEMO PLANS
R1	REFRIGERATION PLAN
R2	REFRIGERATION SCHEDULES
R3	REFRIGERATION DETAILS
R4	REFRIGERATION SUBMITTALS
R5	REFRIGERATION SUBMITTALS

PACKING	
FXS1	FIXTURE ANCHORAGE PLAN AND DETAILS
FXS2	FIXTURE ANCHORAGE DETAILS
ELECTRICAL	
BAS1	BUILDING AUTOMATION SYSTEM PLAN
E1	LIGHTING PLAN
E1.1	ENLARGED LIGHTING PLANS
E1.2	ENLARGED LIGHTING PLANS
E1.3	LIGHTING DETAILS AND SCHEDULES
E1.4	ENERGY COMPLIANCE REPORTS
E1.5	ENERGY COMPLIANCE REPORTS
E1.6	SITE LIGHTING PLAN AND DETAILS
E1.7	FEATURE LIGHTING PLAN
E1.8	ENLARGED LIGHTING PLANS
E2	POWER PLAN
E2.1	POWER DROP PLAN
E2.2	ENLARGED POWER PLANS
E2.3	ENLARGED POWER PLANS
E3	ELECTRICAL LEGENDS, GENERAL NOTES AND DETAILS
E4	ELECTRICAL ONE-LINE DETAILS AND SCHEDULES
E4.1	PANELBOARD SCHEDULES
E4.2	PANELBOARD SCHEDULES
EPH1	PHARMACY ELECTRICAL PLAN
ENC1	VISION CENTER ELECTRICAL PLAN
REF1	REFRIGERATION ELECTRICAL PLAN
REF1.1	REFRIGERATION ELECTRICAL PLAN

GE1	GROCERY LIGHTING PLANS
GE2	GROCERY POWER PLANS
CIVIL	
SSM-1	STOP SIGNS AND MARKINGS PLAN
SECP-1	DEMOLITION AND SITE CONSTRUCTION PLAN
DETAILS 1	SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET
DETAILS 2	SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET
SD1	DEMOLITION PLAN
SD2	PICKUP STRIPING AND SIGNAGE SITE PLAN
SD3	GRADING AND UTILITY PLAN
SD4	PICKUP STRIPING AND SIGNAGE DETAILS
SD5	SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET
SD6	SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET
STRUCTURAL CANOPY	
CAS1	CANOPY ROOF PLAN AND DETAILS
CAS2	CANOPY MISC DETAILS
SPECIAL ELEMENTS	
LS1	LIFE SAFETY PLAN
OS1	OWNER SUPPLIED ITEMS

PROJECT ADDRESS		TROY, MICHIGAN
NAME OF PROJECT		2001 N MAPLE ROAD
STREET ADDRESS		RETAIL
PROPOSED USE		
CODES	BUILDING CODE	2015 MICHIGAN BUILDING CODE
	ELECTRICAL CODE	2017 NATIONAL ELECTRICAL CODE
	PLUMBING CODE	2018 MICHIGAN PLUMBING CODE
	MECHANICAL CODE	2015 MICHIGAN MECHANICAL CODE
	FIRE CODE	2015 MICHIGAN BUILDING CODE
	ENERGY CODE	2015 MICHIGAN BUILDING CODE
	ACCESSIBILITY CODE	2010 ICC-ANSI A117.1 AND 2010 ADA

OCCUPANCY M - MERCANTILE; WHOLESALE OR RETAIL STORE (MAIN USE)
S1 - STORAGE AREA; MOTOR VEHICLE STATION AND RECEIVING AND STOCKROOMS (MIXED USE)
A2 - ASSEMBLY USE; BREAKROOM AND FOOD TENANT (ACCESSORY TO MAIN USE)
B - BUSINESS; NON FOOD TENANT (ACCESSORY TO MAIN USE)

TYPE OF CONSTRUCTION	V-B UNPROTECTED (SPRINKLERED)
ALLOWABLE AREA	UNLIMITED

FIRE PROTECTION BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM AND IS SURROUNDED ON SIDES BY 60 FEET MINIMUM OF PERMANENT OPEN SPACE AND COMPLIES WITH SECTION 507.3. UNLIMITED AREA CRITERIA IS APPLICABLE.

TROY, MICHIGAN
2001 W MAPLE ROAD
RETAIL

2015 MICHIGAN BUILDING CODE
2017 NATIONAL ELECTRICAL CODE
2018 MICHIGAN PLUMBING CODE
2015 MICHIGAN MECHANICAL CODE
2015 MICHIGAN BUILDING CODE
2015 MICHIGAN BUILDING CODE
2009 ICC ANSI A117.1 AND 2010 ADA

[illegible]

THE BELOW ITEMS ARE TO BE DEFERRED SUBMITTALS TO
BE SUBMITTED BY THE CONTRACTOR OR VENDOR TO THE
AUTHORITY HAVING JURISDICTION.

- FIRE SPRINKLE
- FIRE ALARM
- BUILDING SIGNAGE
- STRUCTURAL STEEL
- WALK IN COOLER/ FREEZER
- PICKUP ASSOCIATE COVER

Walmart*

Walmart*

Walmart*

wd innovation
at scale

7007 DISCOVERY BLVD
DUBLIN, OH 43017
614.634.7000 T

WDPARTNERS.COM

STIPULATION FOR REUSE

THIS DRAWING IS MADE PREPARED FOR THE CLIENT'S SPECIFIC SITE AT: **THEIR, INDIANA**

THIS DRAWING IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.

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CONSULTANTS	
-------------	--

Walmart*
TROY, MICHIGAN
2001 W MAPLE ROAD, TROY, MICHIGAN, 48064
STORE NO: 2873-111
JOB NUMBER: WALME0138 PROJTO: 150E

[illegible]

CHECKED BY:	SME
DRAWN BY:	GS/SJ/RH
PROTO CYCLE:	09/30/22
DOCUMENT DATE:	12/13/22

02/29/2024

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

COVER SHEET

SHEET: C1

THIS IS AN ADVERTISING PREPARED FOR
THE NATIONAL ASSOCIATION OF
THEATRE OWNERS AND MANAGERS
1310 N. W. 10TH AVE. SUITE 401
MIAMI, FL 33136
TEL: 305-375-1100
FAX: 305-375-1101
WWW.NATOM.COM

Walmart*
TROY, MICHIGAN
2001 W MAPLE ROAD, TROY, MICHIGAN, 48064
STORE NO: 2873-111

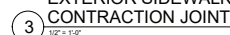
[illegible]

CHECKED BY:	SME
DRAWN BY:	VK/SJ/RH
PROTO CYCLE:	09/30/22
DOCUMENT DATE:	12/13/22

02/29/2024

SITE DETAILS

SHEET: **SP2**





1. DEMOLITION INCLUDES BUT IS NOT LIMITED TO ITEMS SHOWN DASHED. REF DEMOLITION REQUIREMENT NOTE ON N1 SHEET

===== EXISTING TO REMAIN

===== EXISTING TO REMAIN
 ----- DEMOLISH/REMOVE
 - - - - - RELOCATE

CONSULTANTS

Walmart*

ISSUE BLOCK

[illegible]

CHECKED BY:	SME
DRAWN BY:	SJ/RH
PROTO CYCLE:	09/30/22
DOCUMENT DATE:	12/13/22



02/29/2024

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR

ENLARGED
RESTROOM
DEMOLITION
PLANS

SHEET: D2

SHEET NOTES

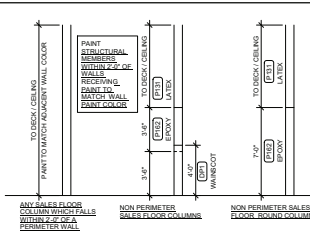
1. ENSURE ALL EXISTING WALL STANDARDS AND HALF GONDOLAS TO REMAIN ARE SECURED TO WALLS WITH WRAPS FOR CHECKOUTS AND SERVICE COUNTERS. CALLS BASE TO FLOOR WHEN LOCATION IS FINISHED.
2. RELOCATION AND SET-UP OF GONDOLAS AND/OR RACKING AS INDICATED ON PER SHEETS WILL BE PERFORMED BY OTHERS. ANCHORING OF UPRIGHTS TO BE PERFORMED BY GENERAL CONTRACTOR.
3. NOT USED.

COLOR LEGEND

DP1	ALUMINUM DIAMOND (TREAD) PLATE
P151	WHITE FLOOR SWATCH
P182	PEPPERCORN SWATCH
P209	PASSIVE GRAY SWATCH

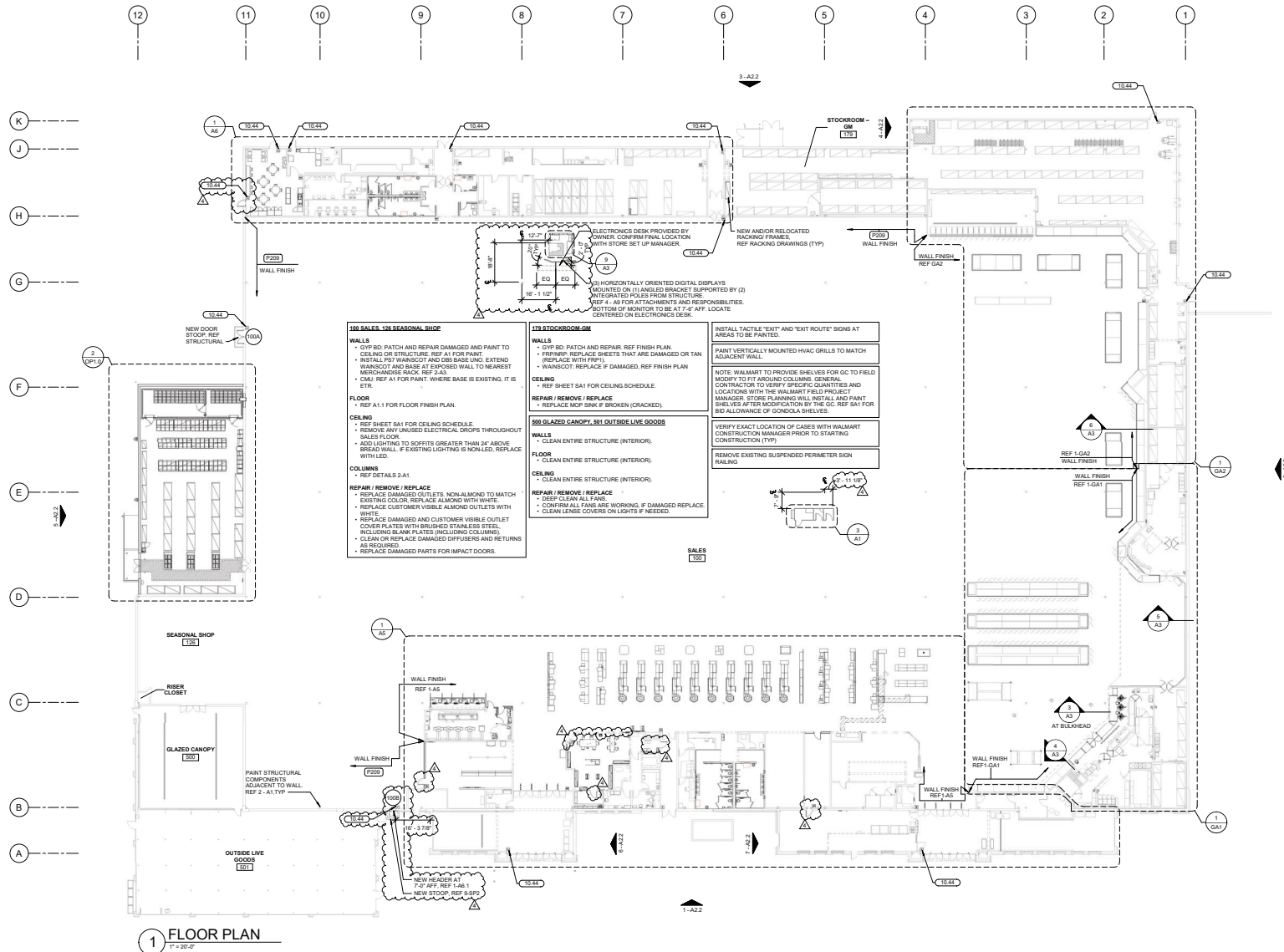
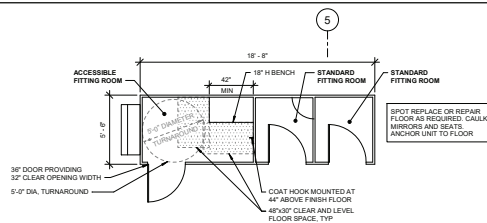
KEYNOTES

- 18.44 PROVIDE TACTILE "EXIT" AND "EXIT ROUTE" SIGN REF N1.



2 COLUMN COLORS

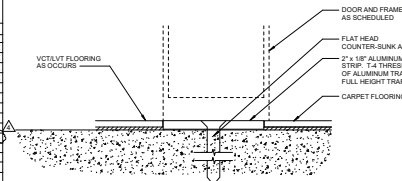
3 FITTING ROOM PLAN



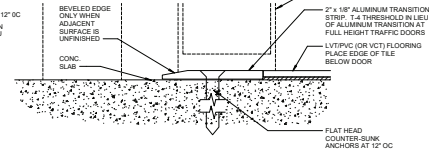
1 FLOOR PLAN

1\"/>

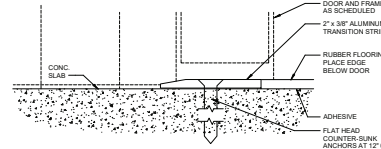
STORE LAYOUT FLOOR FINISH LEGEND				
AREAS OF PVC		TOTAL SQ. FT. PVC NEEDED IF STORE HALL EXISTING PVC	SALES FLOOR SQ. FT.	VCT
			TEXTURED SURFACE TILE SQ. FT.	65
A	REMOVE		POLYBUTYLENE VCT SQ. FT.	REMOVE
	REMOVE		ENTRY TILE SQ. YDS	REMOVE
B	REMOVE		ENTRY TILE SQ. YDS	REMOVE
			PHARMACY GLASS	65
			PHARMACY SQ. YDS	58
			HEALTH SERVICE LVT/VP SQ. FT.	60
			OPTICAL LEASE SQ. FT.	60
			APPEARANCE TRANSITION ETRP LN. 1	154
			APPEARANCE TRANSITION ETRP LN. 2	154
			APPEARANCE TRANSITION ETRP LN. 3	154
			APPEARANCE TRANSITION ETRP LN. 4	154
			APPEARANCE TRANSITION ETRP LN. 5	154
			APPEARANCE TRANSITION ETRP LN. 6	154
			APPEARANCE TRANSITION ETRP LN. 7	154
			APPEARANCE TRANSITION ETRP LN. 8	154
			APPEARANCE TRANSITION ETRP LN. 9	154
			APPEARANCE TRANSITION ETRP LN. 10	154
			APPEARANCE TRANSITION ETRP LN. 11	154
			APPEARANCE TRANSITION ETRP LN. 12	154
			APPEARANCE TRANSITION ETRP LN. 13	154
			APPEARANCE TRANSITION ETRP LN. 14	154
			APPEARANCE TRANSITION ETRP LN. 15	154
			APPEARANCE TRANSITION ETRP LN. 16	154
			APPEARANCE TRANSITION ETRP LN. 17	154
			APPEARANCE TRANSITION ETRP LN. 18	154
			APPEARANCE TRANSITION ETRP LN. 19	154
			APPEARANCE TRANSITION ETRP LN. 20	154
			APPEARANCE TRANSITION ETRP LN. 21	154
			APPEARANCE TRANSITION ETRP LN. 22	154
			APPEARANCE TRANSITION ETRP LN. 23	154
			APPEARANCE TRANSITION ETRP LN. 24	154
			APPEARANCE TRANSITION ETRP LN. 25	154
			APPEARANCE TRANSITION ETRP LN. 26	154
			APPEARANCE TRANSITION ETRP LN. 27	154
			APPEARANCE TRANSITION ETRP LN. 28	154
			APPEARANCE TRANSITION ETRP LN. 29	154
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			APPEARANCE TRANSITION ETRP LN. 32	154
			APPEARANCE TRANSITION ETRP LN. 33	154
			APPEARANCE TRANSITION ETRP LN. 34	154
			APPEARANCE TRANSITION ETRP LN. 35	154
			APPEARANCE TRANSITION ETRP LN. 36	154
			APPEARANCE TRANSITION ETRP LN. 37	154
			APPEARANCE TRANSITION ETRP LN. 38	154
			APPEARANCE TRANSITION ETRP LN. 39	154
			APPEARANCE TRANSITION ETRP LN. 40	154
			APPEARANCE TRANSITION ETRP LN. 41	154
			APPEARANCE TRANSITION ETRP LN. 42	154
			APPEARANCE TRANSITION ETRP LN. 43	154
			APPEARANCE TRANSITION ETRP LN. 44	154
			APPEARANCE TRANSITION ETRP LN. 45	154
			APPEARANCE TRANSITION ETRP LN. 46	154
			APPEARANCE TRANSITION ETRP LN. 47	154
			APPEARANCE TRANSITION ETRP LN. 48	154
			APPEARANCE TRANSITION ETRP LN. 49	154
			APPEARANCE TRANSITION ETRP LN. 50	154
			APPEARANCE TRANSITION ETRP LN. 51	154
			APPEARANCE TRANSITION ETRP LN. 52	154
			APPEARANCE TRANSITION ETRP LN. 53	154
			APPEARANCE TRANSITION ETRP LN. 54	154
			APPEARANCE TRANSITION ETRP LN. 55	154
			APPEARANCE TRANSITION ETRP LN. 56	154
			APPEARANCE TRANSITION ETRP LN. 57	154
			APPEARANCE TRANSITION ETRP LN. 58	154
			APPEARANCE TRANSITION ETRP LN. 59	154
			APPEARANCE TRANSITION ETRP LN. 60	154
			APPEARANCE TRANSITION ETRP LN. 61	154
			APPEARANCE TRANSITION ETRP LN. 62	154
			APPEARANCE TRANSITION ETRP LN. 63	154
			APPEARANCE TRANSITION ETRP LN. 64	154
			APPEARANCE TRANSITION ETRP LN. 65	154
			APPEARANCE TRANSITION ETRP LN. 66	154
			APPEARANCE TRANSITION ETRP LN. 67	154
			APPEARANCE TRANSITION ETRP LN. 68	154
			APPEARANCE TRANSITION ETRP LN. 69	154
			APPEARANCE TRANSITION ETRP LN. 70	154
			APPEARANCE TRANSITION ETRP LN. 71	154
			APPEARANCE TRANSITION ETRP LN. 72	154
			APPEARANCE TRANSITION ETRP LN. 73	154



4 TRANSITION STRIP AT VCT/LVT TO CARPET FLOORING
12" = 1'-0"



3 TRANSITION STRIP AT LVT/PVC/ VCT FLOORING



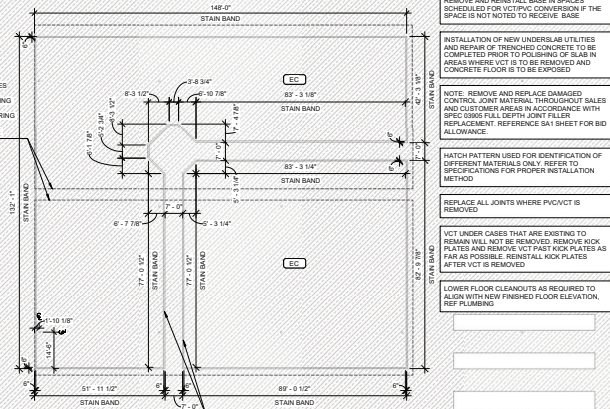
2 TRANSITION STRIP AT RUBBER FLOORING

1. REF AS FOR SCHEDULE FINISH KEY AND GENERAL FINISH NOTES.
2. SEAL BASE OF ALL COLUMNS ON LV7/PVC PLANK FLOORING W/ GRAY/BROWN SEALANT.
3. SEAL BASE OF ALL COLUMNS ON VCT FLOORING W/ WHITE SEALANT.
4. GROUT, PATCH AND REPLACE DAMAGED TRANSITION STRIPS TO MATCH EXISTING IN AREAS OF GC RESPONSIBILITY.
5. REPAIR BOLT HOLES AND SPALLS RESULTING FROM MERCHANDISE FIXTURE AND/OR STORAGE RACK RELOCATION OR REMOVAL. REF SPEC 03065. FILL ALL HOLES AND SPALLS WITH PATCHING COMPOUND FROM FIXTURE AND/OR STORAGE RACK RELOCATION OR REMOVAL IN NON CUSTOMER ACCESSIBLE AREAS WITH NON SHRINK GROUT. REF SHEET SA-1 FOR BID ALLOWANCE OF BOLT

CO	CONCRETE OVERLAYMENT
CT53	FLOOR TILE (DARK GRAY)
EC	EXPOSED CONCRETE
ETB	EXISTING TO REMAIN
PL	BLANK
LV12P	PLANK FLOORING
RRF3	RECYCLED RUBBER FLOORING (GRAY)

	CERAMIC TILE (CT5)		REMOVE EXISTING FLOORING - POLISH EC - REF SPEC (EC)
	RUBBER FLOORING (RFR)		CONCRETE OVERLAY (CO)
	CARPET (C1)		NEW EXPOSED CONCRETE (EC) NEW
	ETR (ETR)		LVT (LVT2P)

VCT CONVERSION				
REMODEL PROJECT- 2783 TRIST, MICHIGAN				
PROJECT SCOPE: VCT/ING CONVERSION				
PREFERRED FLOORING CONTRACTOR- JONES TILE				
SCOPE OF WORK REMOVAL AND INSTALLATION	PREFERRED FLOORING CONTRACTOR	GENERAL CONTRACTOR	REFRIGERATION CONTRACTOR	FLOORING NOTES
PIECE REPLACEMENT IN BACK ROOM	X			
TENANT SPACES	X			
VISION COUNTER	X	X		
APPAREL PADS- REMOVAL				
APPAREL PADS- STAIN BAND				
VESTIBULE- PORCELAIN REMOVAL				
REMOVAL OF PORCELAIN AT ENTRY				
PHARMACY COMPLI TILE			X	
ELECTRONICS TILE				
REMOVAL OF PORCELAIN AT ENTRY				
VESTIBULE- RUBBER FLOOR				1
REMOVAL AND INSTALLATION OF REFRIG. CASE AND KNO PLATE		X		
FLOOR TILE REPAIR (CUSTOMER)		X		
FLOOR TILE REPAIR (NON CUSTOMER)		X	X	
SLAB SURFACE ENHANCEMENT				
SEASONAL	X			
SEASONAL JOINT REPAIR		X		
CONCRETE SLAB CUTS TO MATCH ELEVATION OF EXPOSED FLOOR				
REMOVAL AND REPLACEMENT OF REFRIGERATED CASE PROTECTION				
REMOVAL AND/OR REPLACEMENT OF THE THRESHOLD AT AUTOMATIC ENTRANCE DOORS BY VENDOR. GC TO SCHEDULE.				
FLOORING NOTES				
1. THRESHOLD AT AUTOMATIC ENTRANCE SLIDER DOOR TO BE REPLACED BY VENDOR.				



REMOVE AND REINSTALL BASE IN SPACES SCHEDULED FOR VCT/PVC CONVERSION IF THE SPACE IS NOT NOTED TO RECEIVE BASE

INSTALLATION OF NEW UNDERSLAB UTILITIES
AND REPAIR OF TRENCHED CONCRETE TO BE
COMPLETED PRIOR TO POLISHING OF SLAB IN
AREAS WHERE VCT IS TO BE REMOVED AND
CONCRETE FLOOR IS TO BE EXPOSED

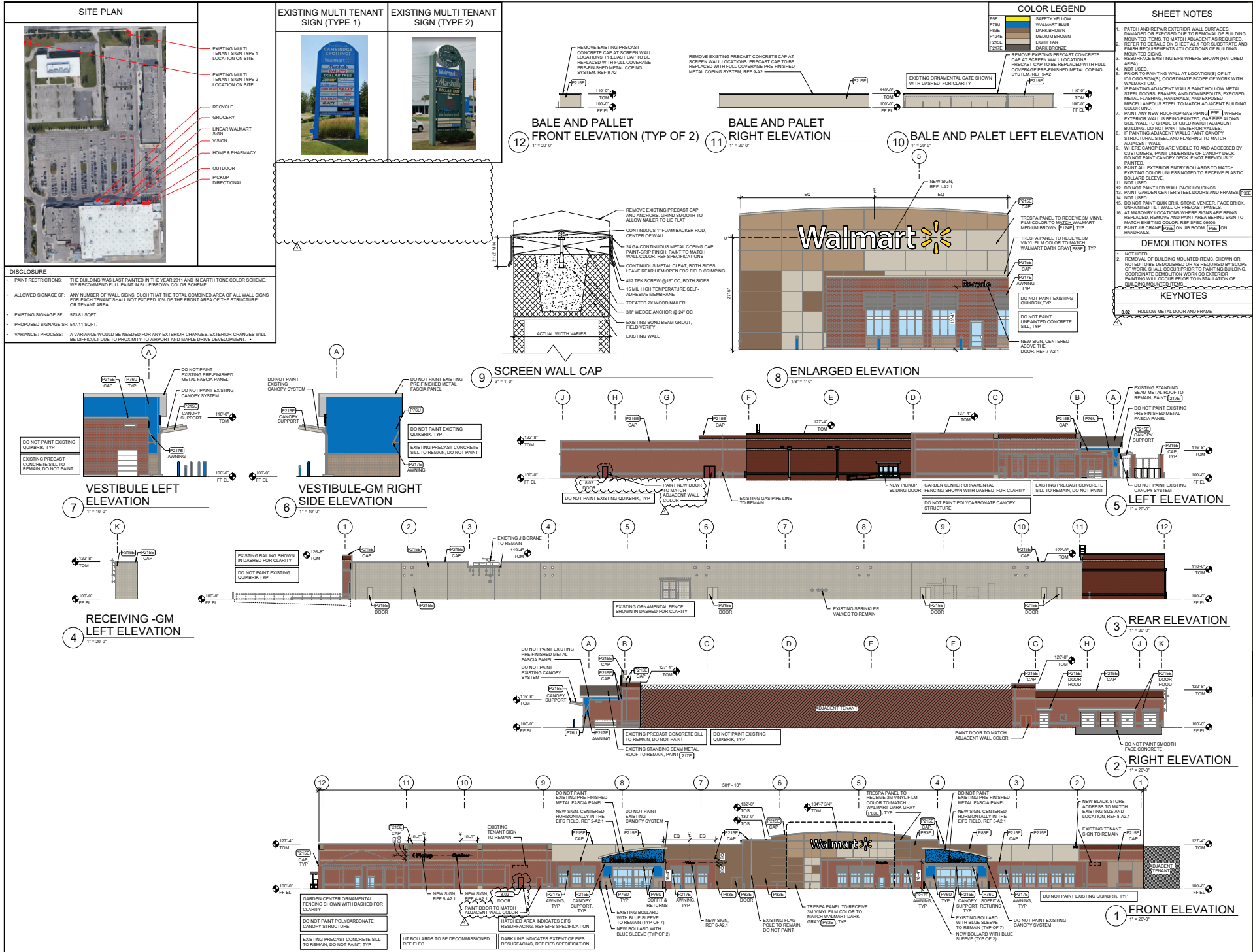
NOTE: REMOVE AND REPLACE DAMAGED
CONTROL JOINT MATERIAL THROUGHOUT SALES
AND CUSTOMER AREAS IN ACCORDANCE WITH
SPEC 030905 FULL DEPTH JOINT FILLER
REPLACEMENT. REFINISH SA1 SHEET FOR BID
AREAS.

REPLACE ALL JOINTS WHERE PVC/VCT IS REMOVED

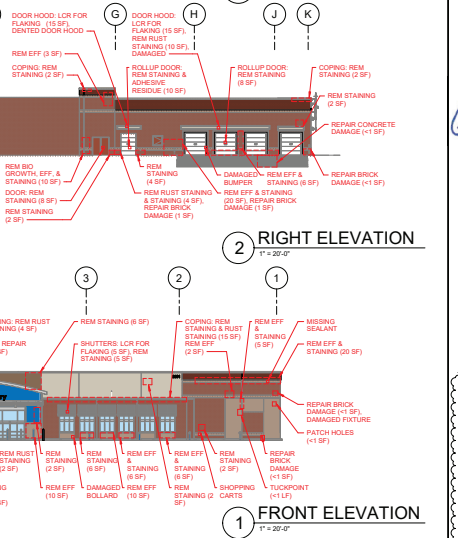
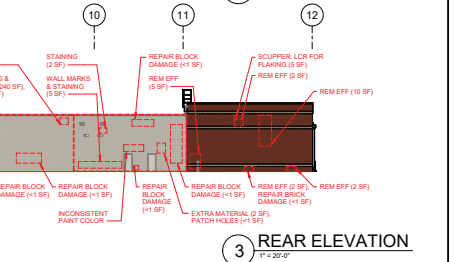
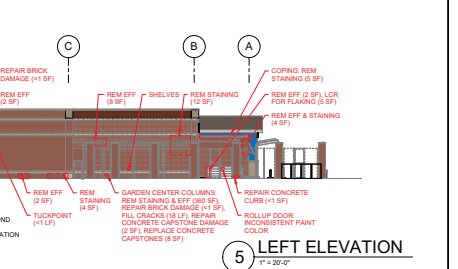
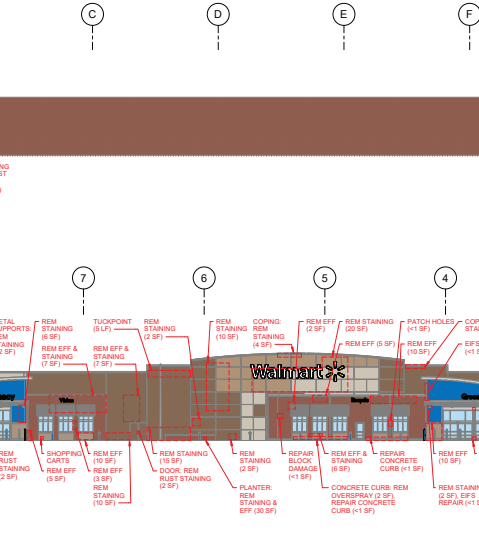
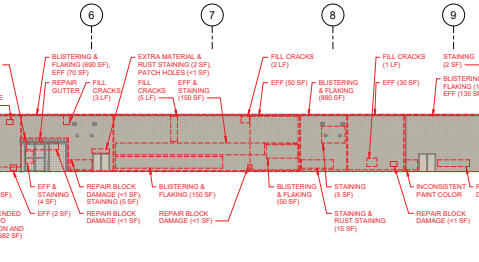
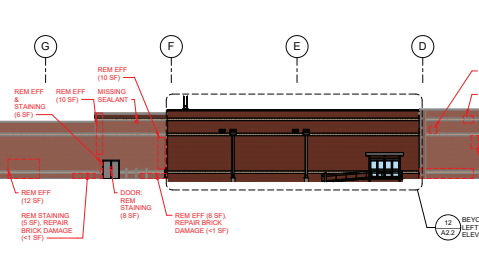
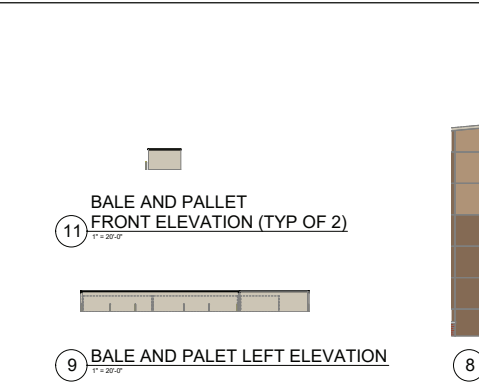
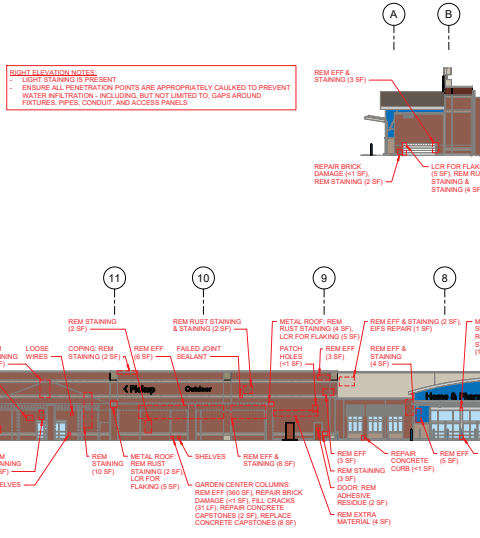
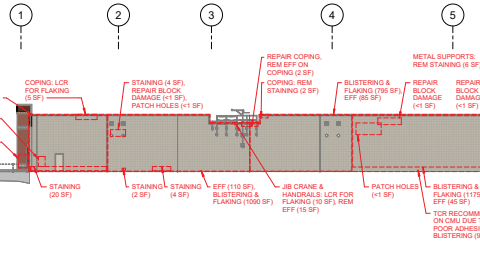
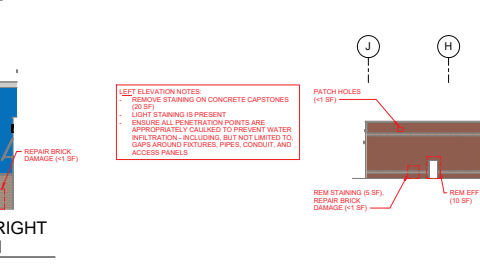
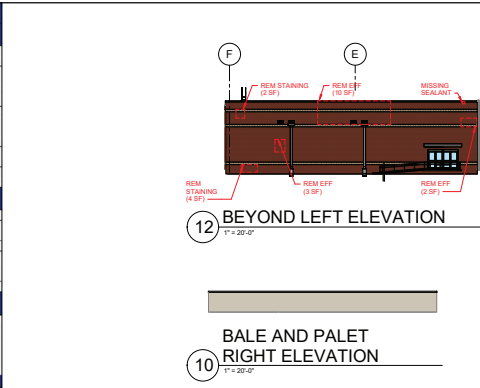
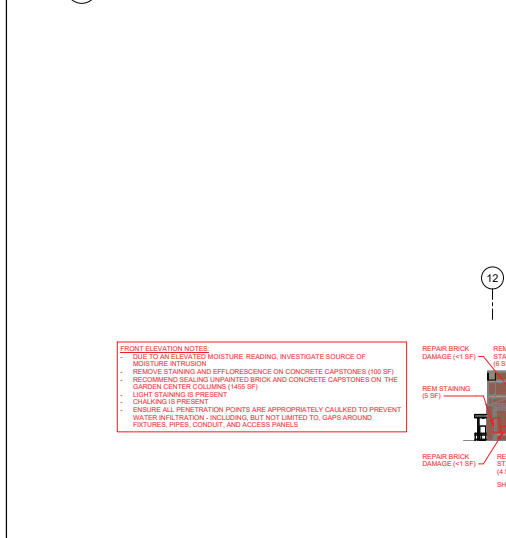
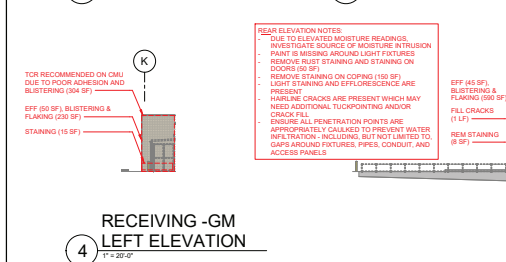
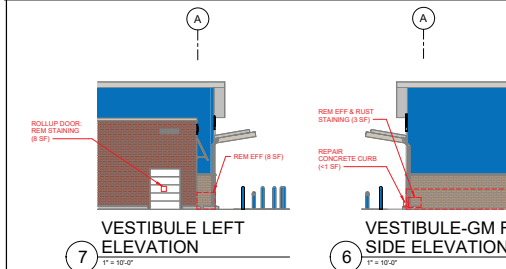
VCT UNDER CASES THAT ARE EXISTING TO REMAIN WILL NOT BE REMOVED. REMOVE KICK PLATES AND REMOVE VCT PAST KICK PLATES AS FAR AS POSSIBLE. REINSTALL KICK PLATES

LOWER FLOOR CLEANOUTS AS REQUIRED TO
ALIGN WITH NEW FINISHED FLOOR ELEVATION,
REF PLUMBING

1 FLOOR FINISH PLAN
1" = 20'-0"



LABOR AND MATERIAL ESTIMATE						
	FRONT	RIGHT	REAR	LEFT	TOTAL	
	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)
Labor						
Enhanced Prep Work	879	135	274	523		1811
Total Coating Removal	0	0	0	304		304
Wall wash (Un-sealed Brick, Trepsa Panels, etc)	9572	2273	5594	8396		21775
EPFS Painting - Inc. wash & prep	2843	80	0	74		2997
Exterior Wall Painting (CMU, Vin-Lip) - Inc. wash & prep	1097	0	9582	304		10983
Water Repellent Application - Inc. wash & prep	1455	0	0	0		1455
Painting Metal Roofs (Standing Seam)	2233	0	0	0		2233
Painting Metal Canopies & Awnings	924	0	180	0		1104
Painting Metal Main Doors	487	2	7	4		17
Painting Misc. Metals	4887	1180	561	365		7742
Joint Sealant Replacement (LF) - Vert.	674	108	32	367		1446
Joint Sealant Replacement (LF) - Horiz.	753	108	459	318		1638
Painting Railing/Guides	0	0	0	0		3000
Painting Bollards (EACH)	14	1	2	3		20
Material	COVERAGE	FRONT	RIGHT	REAR	LEFT	TOTAL
	(SF/GAL)	(SF)	(SF)	(SF)	(SF)	(5 GAL)
Water Repellent Coating	75	1455	0	0	0	4
Smart Strip Pro	45	0	0	0	304	44
Sho Black Surface (Primer)	90	0	0	0	304	22
Sho Total Wall Paint Count	240	3940	80	9582	378	24
Benjamin Moore (metals)	400	4187	1180	1736	1065	5
Benjamin Moore (metal canopies & awnings)	400	924	180	360	0	1
Heat Resistant Coating (metal roofs)	200	2233	0	0	0	3
BSF NP 100 (LF, TOTAL IN GALLONS)	40	1427	150	826	641	78
	FRONT	RIGHT	REAR	LEFT	TOTAL	
	(SF)	(SF)	(SF)	(SF)	(VARIES)	
CRACK FILL (LF)	31	0	0	12	18	61
HOLE AND MASONRY PATCHING/REPAIR (SF)	1	0	0	3	1	5
TUCKPOINTING (LF)	6	0	0	1	1	7
EPFS REPAIR (SF)	1	0	0	0	0	1
CONCRETE CAPSTONE RESET/REPLACEMENT (SF)	8	0	0	8	16	
CONCRETE REPAIR (SF)	3	1	0	3	7	



1807 DISCOVERY BLVD
DUBLIN, OH 43017
614.834.1051 T

WSPARTNERS.COM

ISSUE BLOCK

1	PREP	06/2023
2	PREP	01/17/24
3	CONCRETE	02/20/24

CHECKED BY: SMC

DRAWN BY: MSP/WH

PROJECT CODE: 080602

DOCUMENT DATE: 10/19/22

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

FM REPORT

SHEET: A2.2



CONSULTANTS	
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[illegible]

CHECKED BY:	SME
DRAWN BY:	SJ/RH
PROTO CYCLE:	09/30/22
DOCUMENT DATE:	12/13/22



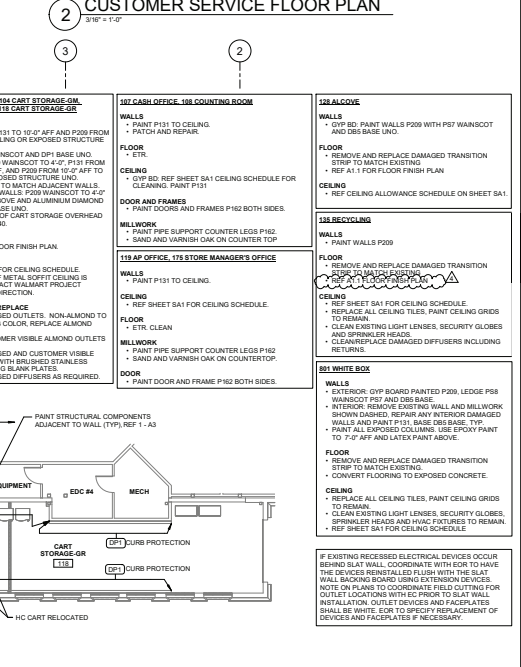
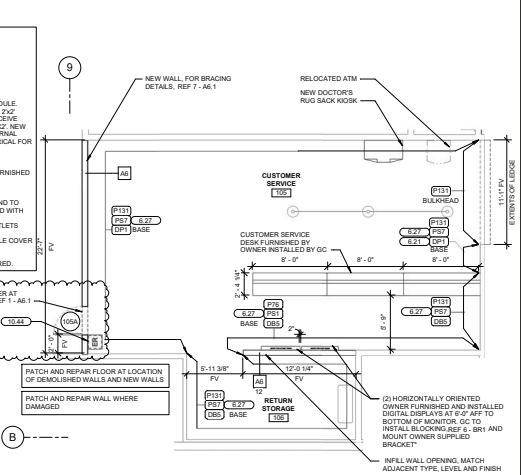
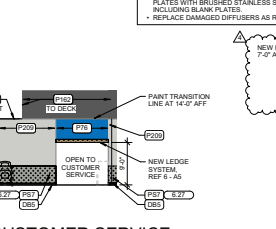
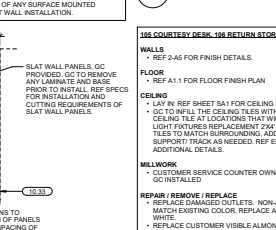
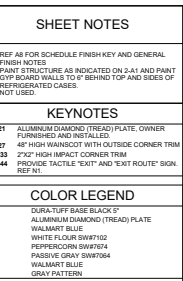
02/29/2024

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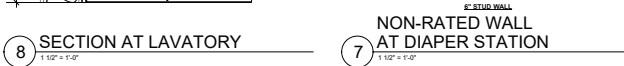
SECTIONS AND DETAILS

SHEET:
A3

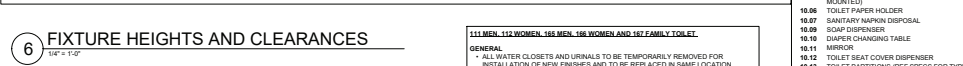




NOTE: INFORMATION CONTAINED IN THIS SCHEDULE IS FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ACTUAL CONDITIONS, MATERIALS AND DIMENSIONS NECESSARY FOR REPLACEMENT, INSTALLATION OR REFURBISHING.



NON-RATED WALL
AT DIAPER STATION

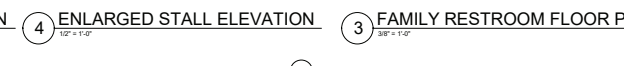


111 MEN, 112 WOMEN, 165 MEN, 166 WOMEN AND 167 FAMILY TOILET

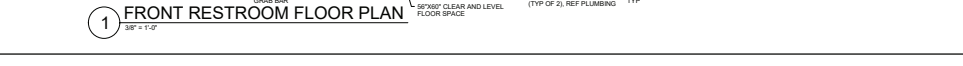
10.05	PAPER TOWEL DISPENSER (SURFACE MOUNTED)
10.06	TOILET PAPER HOLDER
10.07	SANITARY NAPKIN DISPOSAL
10.09	SOAP DISPENSER
10.10	DIAPER CHANGING TABLE
10.11	MISC



4 ENLARGED STALL ELEVATION



3 FAMILY RESTROOM FLOOR PLAN



SHEET NOTES

1. REFERENCE AS FOR FINISH LEGEND AND SPECIFICATIONS FOR PAINT, PROTECTIVE SURFACING.

COLOR LEGEND

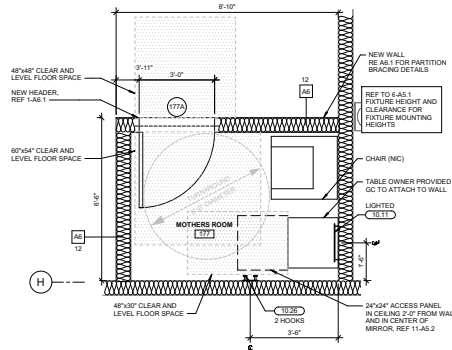
025 DURATEX BASE BLACK 3
011 ALUMINUM DIAMOND (TREAD) PLATE
016 WALMART BLUE
0131 WHITE FLOUR SWH702
0200 PASSIVE GRAY SWH7054
051 WALMART BLUE
057 GRAY PATTERN

KEYNOTES

6.27 40" HIGH WAINSCOT WITH OUTSIDE CORNER TRIM
9.00 FLOOR STRIPES, REF N1 FOR STRIPING CONDITIONS.
10.11 MIRROR
10.20 COAT HOOK (INSTALL PLYWOOD BACKING)
10.44 PROVIDE TACTILE "TEXT" AND "TEXT ROUTE" SIGN, REF N1.

177 MOTHER'S ROOM

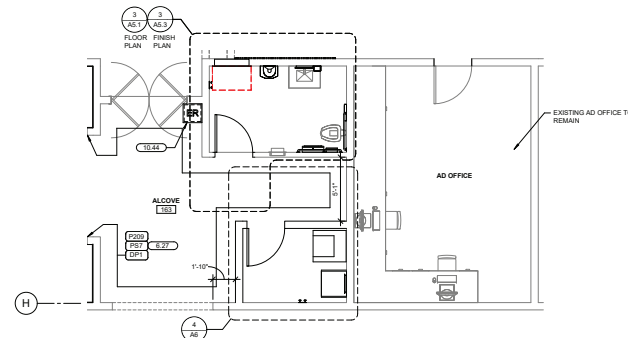
WALLS
• PAINT ALL WALLS P204 WITH P57 WAINSCOT AND DBS BASE UND.
FLOOR
• VCT REMOVE TILE AND POLISH CONCRETE
• REF A1.1 FLOOR FINISH PLAN
CEILING
• NEW 5/8" GYP BOARD AT 9'-0" AFF P131, REF 6.A6.1



4 ENLARGED MOTHER'S ROOM
12" x 12"

171 UPS/MERCH. 173 AD OFFICE

WALLS
• PAINT P131 TO CEILING.
FLOOR
• ETR.
CEILING
• REF SHEET S41 FOR CEILING SCHEDULE
MILLWORK
• ETR.
• PAINT PIPE SUPPORT COUNTER LEGS P162
• REPLACE DAMAGED COUNTERTOPS.



3 ENLARGED BACK OFFICE FLOOR PLAN
12" x 12"

120 ALCOVE, 141 HALLWAY, 167 BACK OFFICE HALLWAY, 161 BACK OFFICE HALLWAY, 161 VTS CORRIDOR

WALLS
• PAINT P162 WAINSCOT TO 4'-0" AFF. AND P131 FROM 4'-0" AFF TO CEILING OR BOTTOM OF STRUCTURE.
FLOOR
• ETR.
CEILING
• REF SHEET S41 FOR CEILING SCHEDULE.
REPAIR/REMOVE/REPLACE
• REPLACE DAMAGED OUTLETS AND OUTLET COVER PLATES.

150 JANITOR

WALLS
• GYP BD PATCH AND REPAIR, REF FINISH PLAN.
• PRIMP/REPLACE SHEETS THAT ARE DAMAGED OR TARN (REPLACE WITH FRP).
• WAINSCOT REPLACE IF DAMAGED, REF FINISH PLAN.
REPAIR/REMOVE/REPLACE
• REPLACE MOP SINK IF BROKEN (CRACKED).
160 CLAIMS
WALLS
• ETR.
FLOOR
• ETR.
CEILING
• REF SHEET S41 FOR CEILING SCHEDULE

160 ALCOVE

WALLS
• GYP BD PATCH AND REPAIR, PAINT ALL WALLS P208 WITH P57 WAINSCOT AND DBS BASE UND.
• DEMISING WALL ON SALES FLOOR, REF 2-A3.
FLOOR
• REF A1.1 FLOOR FINISH PLAN.
CEILING
• REF SHEET S41 FOR CEILING SCHEDULE.
REPAIR/REMOVE/REPLACE
• REPLACE DAMAGED OUTLETS AND OUTLET COVER PLATES.

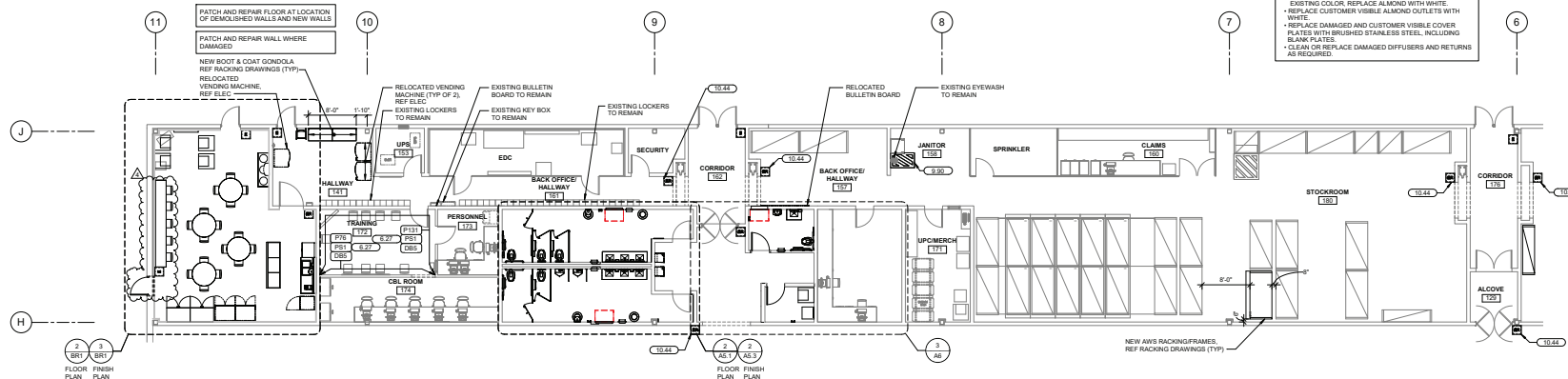
160 STOCKROOM

WALLS
• ETR.
CEILING
• REF SHEET S41 FOR CEILING SCHEDULE.

172 TRAINING, 173 PERSONNEL, 174 CBL ROOM

WALLS
• GYP BD PATCH AND REPAIR, PAINT P131 TO CEILING
• WAINSCOT REPLACE IF DAMAGED.
• REF A4.6 FOR FINISH DETAILS.
FLOOR
• VCT REMOVE TILE AND POLISH CONCRETE
• REF A1.1 FOR FINISH FLOOR PLAN.
CEILING
• REF SHEET S41 FOR CEILING SCHEDULE.
MILLWORK
• ETR.
• PAINT PIPE SUPPORT COUNTER LEGS P162
• REPLACE DAMAGED COUNTERTOPS.
REPAIR/REMOVE/REPLACE
• REPLACE DAMAGED OUTLETS, NON-ALMOND TO MATCH EXISTING COLOR, REPLACE ALMOND WITH WHITE.
• REPLACE CUSTOMER VISIBLE ALMOND OUTLETS WITH WHITE.
• REPLACE DAMAGED AND CUSTOMER VISIBLE COVER PLATES WITH BRUSHED STAINLESS STEEL, INCLUDING BLANK PLATES.
• CLEAN OR REPLACE DAMAGED DIFFUSERS AND RETURNS AS REQUIRED.

2 NOT USED



1 REAR OFFICE FLOOR PLAN
1/8" = 1'-0"

5 REPLACEMENTS
10.11 MIRROR
10.20 COAT HOOK (INSTALL PLYWOOD BACKING)
10.44 PROVIDE TACTILE "TEXT" AND "TEXT ROUTE" SIGN, REF N1.

CONSULTANTS

Walmart
TROY, MICHIGAN
2001 W MAPLE ROAD, TROY, MICHIGAN, 48064
JOB NUMBER: 171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200
DATE: 02/29/2024

ISSUE BLOCK

3	PREL	01/17/24
4	ADOC	02/29/24

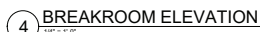
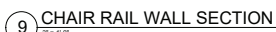
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REAR OFFICE PLAN AND DETAILS

SHEET: A6



wd INNOVATION
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7007 DISCOVERY BLVD
DUBLIN, OH 43017
614.634.7000 T

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PREPARATION FOR REUSE

CONSULTANTS	
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Walmart*
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STORE NO: 2873-111
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DOCUMENT DATE:	12/13/22

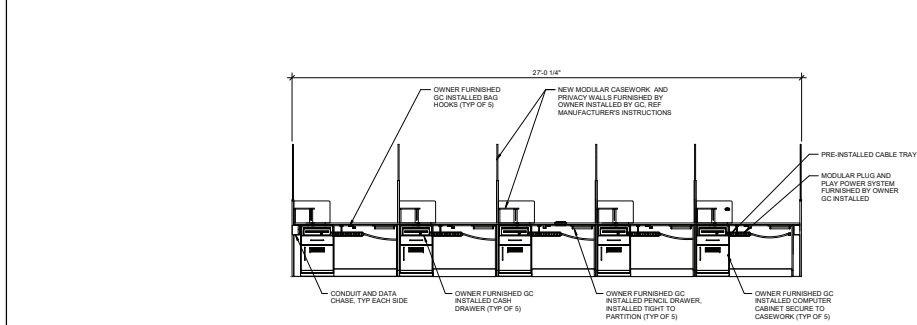
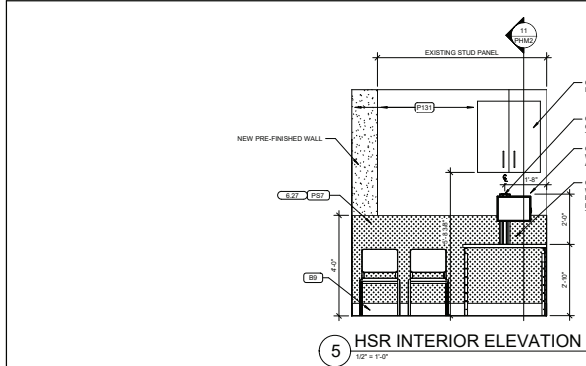


02/29/2024

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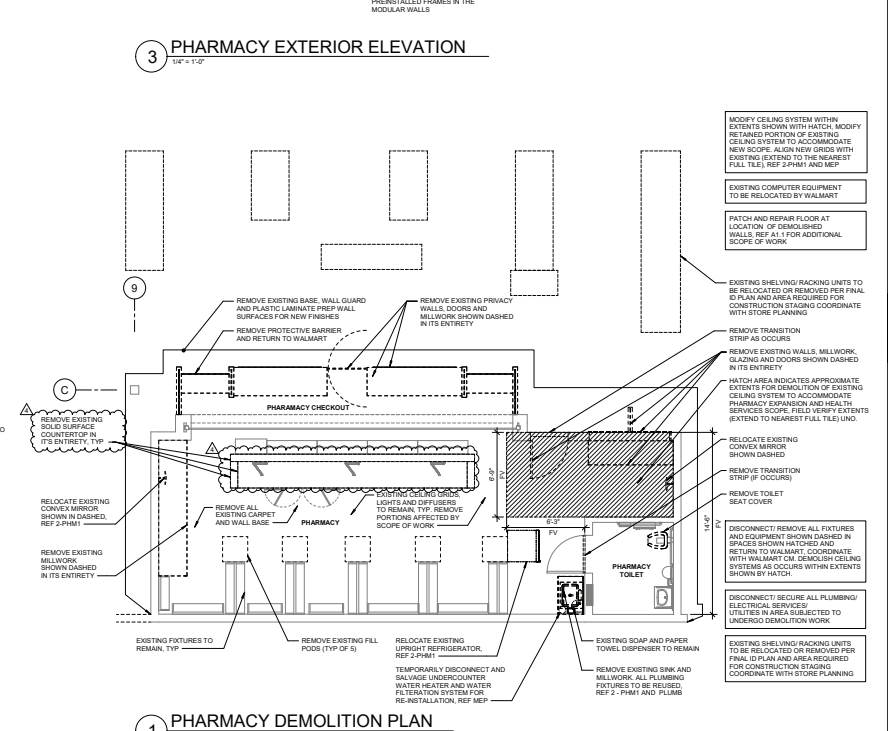
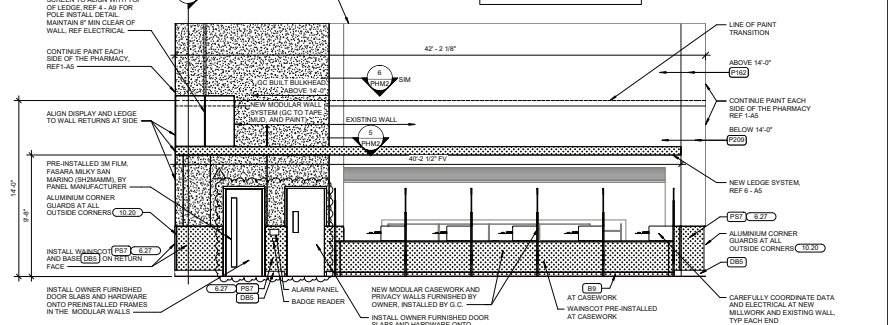
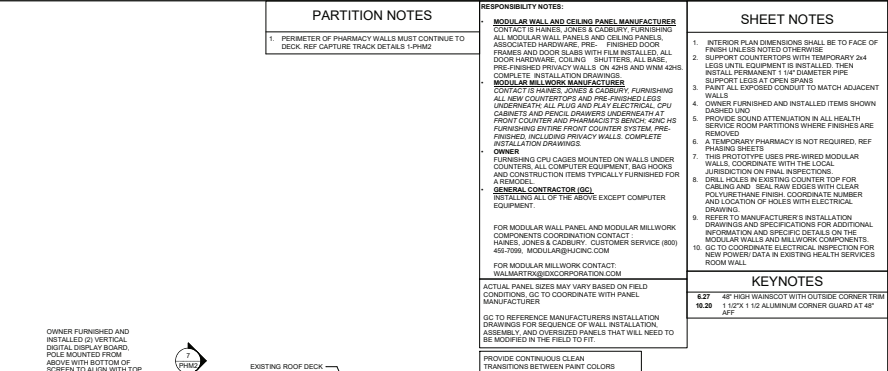
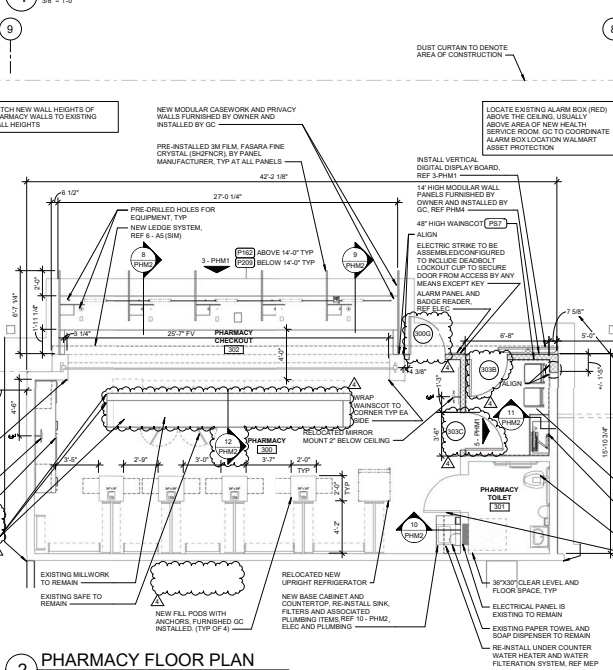
**BREAKROOM
PLANS,
ELEVATION
AND DETAILS**

SHEET:
BR1



- 300 PHARMACY**
- WALLS**
- PAINT ALL WALLS P131 SEMI-GLOSS, MODULAR WALLS TO BE PRE-FINISHED P131 SEMI-GLOSS
 - INSTALL BASE FURNISHED BY PANEL MANUFACTURER ON MODULAR WALLS. INSTALL NEW PLASTIC BASE 8" ON DRY WALLS
 - OMIT NEW PLASTIC BASE 8" BEHIND PHARMACY FACES
 - REPAIR DAMAGED WALLS BOTH INTERIOR AND EXTERIOR TYP
- FLOOR**
- REMOVE EXISTING CARPET, PREP SURFACE FOR NEW CARPET C1
 - CARPET AND TRANSITION STRIP FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
- CEILING**
- CEILING GRID TO REMAIN, MODIFY AS REQUIRED FOR NEW WORK. PAINT EXISTING GRID (P131)
 - REPLACE ALL EXISTING CEILING TILE WITH NEW
 - CLEAN EXISTING LED LIGHT LENSES, SECURITY GLOVES, SPRINKLER HEADS AND HVAC FIXTURES TO REMAIN
 - EXISTING LED LIGHTS TO REMAIN, REPLACE ALL NON-LED LIGHT FIXTURES WITH LED, REF ELEC
 - REMOVE EXISTING LED LIGHTS, REPLACE ALL NON-LED LIGHT FIXTURES WITH LED, REF ELEC
 - CLEAN ALL EXISTING LED LIGHT FIXTURES
- 300 PHARMACY TOILET**
- WALLS**
- PAINT FINISHES TO REMAIN TYP. CLEAN EXISTING WALLS, REF SP103 0140
- FLOOR**
- INSTALL NEW FLOORING CTSA, G15
 - INSTALL NEW BASE CTSA, G15
- CEILING**
- PAINT P131 CLEAN EXISTING LIGHT LENSES, SPRINKLER HEADS AND HVAC FIXTURES TO REMAIN
- 300 HEALTH SERVICE**
- WALLS**
- PAINT ALL WALLS P131 SEMI-GLOSS, MODULAR WALLS TO BE PRE-FINISHED P131 SEMI-GLOSS
 - INSTALL BASE FURNISHED BY PANEL MANUFACTURER ON MODULAR WALLS. INSTALL NEW PLASTIC BASE 8" ON DRY WALLS
 - 4" HIGH WANSICOT P87 ON ALL WALLS
- FLOOR**
- REMOVE EXISTING FINISHES AND PREP SURFACE FOR NEW LVT
 - TRANSITION STRIPS FURNISHED BY WALMART, INSTALLED BY CONTRACTOR
- CEILING**
- CEILING TO BE FURNISHED BY PANEL MANUFACTURER AND INSTALLED BY GC. FINAL CONNECTIONS BY GC
- CASEWORK**
- MODULAR CASEWORK TO BE FURNISHED BY OWNER, INSTALLED BY GC. FINAL CONNECTIONS BY GC
 - MODULAR CASEWORK TO BE FURNISHED BY OWNER, INSTALLED BY GC. FINAL CONNECTIONS BY GC
- PHARMACY CUSTOMER SIDE**
- WALLS**
- PAINT EXTERIOR WALLS AT PHARMACY P200 UP TO 14'-0" AND P131 ABOVE 14'-0"
 - INSTALL NEW PLASTIC LAMINATE P200 AND BASE D8, REF 1'-0" FOR ADDITIONAL SCOPE OF WORK
- FLOOR**
- REPAIR FINISHES AFFECTED BY SCOPE OF WORK. MATCH EXISTING ADJACENT FINISHES
- CEILING**
- AS APPLICABLE, REPAIR FINISHES AFFECTED BY SCOPE OF WORK TO LIKE NEW CONDITION

4 PHARMACY CHECKOUT INTERIOR ELEVATION



PARTITION NOTES

- PERIMETER OF PHARMACY WALLS MUST CONTINUE TO DECK, REF CAPTURE TRACK DETAILS 1-PH42

RESPONSIBILITY NOTES

- MODULAR WALL AND CEILING PANEL MANUFACTURER**
- CONTACT IS HANES, JONES & CADBURY, FURNISHING ALL MODULAR WALL PANELS AND CEILING PANELS. ASSOCIATED HARDWARE, PRE-FINISHED DOOR FRAMES AND DOOR BASES WILL BE INSTALLED. ALL DOOR HANDS, COLLARS, BUSHINGS, TIE-BOLLS, PRE-FINISHED PRIVACY WALLS ON 42HS AND WNM 42HS.
- COMPLETE INSTALLATION CONTRACTOR**
- CONTACT IS HANES, JONES & CADBURY, FURNISHING ALL NEW COUNTERTOPS AND PRE-FINISHED LESS UNDERCOUNTERS. ALL PLUMBING AND ELECTRICAL, CPU CABINETS AND PENCIL DRAWERS UNDERNEATH AT FRONT COUNTER AND PHARMACY'S BENCH. 42HS FURNISHING ENTIRE FRONT COUNTER SYSTEM. PRE-FINISHED INCLUDING PRIVACY WALLS COMPLETE INSTALLATION DRAWINGS.
- OWNER**
- FURNISHING CPU CABS MOUNTED ON WALLS UNDER COUNTERS, ALL COMPUTER EQUIPMENT, BAG HOOKS AND CONSTRUCTION ITEMS TYPICALLY FURNISHED FOR A REMODEL.
- GENERAL CONTRACTOR (GC)**
- INSTALLING ALL OF THE ABOVE EXCEPT COMPUTER EQUIPMENT.
- FOR MODULAR WALL PANEL AND MODULAR MLWOK COMPONENTS COORDINATION CONTACT HANES, JONES & CADBURY, CUSTOMER SERVICE (800) 468-7098, MODULAR@HJC.COM
- FOR MODULAR MLWOK CONTACT: WALMART@HJC.COM
- ACTUAL PANEL SIZES MAY VARY BASED ON FIELD CONDITIONS. GC TO COORDINATE WITH PANEL MANUFACTURER.
- GC TO REFERENCE MANUFACTURERS INSTALLATION DRAWINGS FOR SEQUENCE OF WALL INSTALLATION, ASSEMBLY, AND OVERLAP PANELS THAT WILL NEED TO BE MOVED IN THE FIELD TO FIT.
- PROVIDE CONTINUOUS CLEAN TRANSITIONS BETWEEN PAINT COLORS

SHEET NOTES

- INTERIOR PLAN DIMENSIONS SHALL BE TO FACE OF FINISH UNLESS NOTED OTHERWISE
- SUPPORT COUNTERTOPS WITH TEMPORARY 2x4 SUPPORTS PERMANENT 1 1/2" DIAMETER PIPE SUPPORT LEGS AT OPEN SPANS
- PAINT ALL EXPOSED CONDUIT TO MATCH ADJACENT WALLS
- OWNER FURNISHED AND INSTALLED ITEMS SHOWN DASHED UNLESS NOTED OTHERWISE
- PROVIDE SOUND ATTENUATION IN ALL HEALTH SERVICE ROOM PARTITIONS WHERE FINISHES ARE REMOVED
- A TEMPORARY PHARMACY IS NOT REQUIRED, REF FINISHING SHEETS
- THIS PROJECT WILL USE PRE-FINISHED MODULAR WALLS COORDINATE WITH THE LOCAL
- DRILL HOLES IN EXISTING COUNTER TOP FOR CABLE AND PENCIL DRAWER RAILS WITH ELECTRICAL POLYURETHANE FINISH. COORDINATE NUMBER AND LOCATION OF HOLES WITH ELECTRICAL DRAWINGS
- REFER TO MANUFACTURER'S INSTALLATION DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION AND SPECIFIC DETAILS ON THE MODULAR WALLS AND MLWOK COMPONENTS
- GC TO COORDINATE ELECTRICAL INSPECTION FOR NEW POWER DATA IN EXISTING HEALTH SERVICES ROOM WALL

KEYNOTES

- 6.27 4" HIGH WANSICOT WITH OUTSIDE CORNER TRIM
- 10.20 1 1/2" x 1 1/2" ALUMINUM CORNER GUARD AT 4'-0" JFF

WALMART
TROY, MICHIGAN 48064
2001 W MAULE ROAD, TROY, MI 48064
424.800.0000
WALMART.COM

ISSUE BLOCK

NO.	DATE	DESCRIPTION
1	02/29/2024	ISSUED FOR PERMIT

CHECKED BY: SMC
DESIGNED BY: MGS/JWH
PROJECT CYCLE: 08/2023
DOCUMENT DATE: 10/19/22

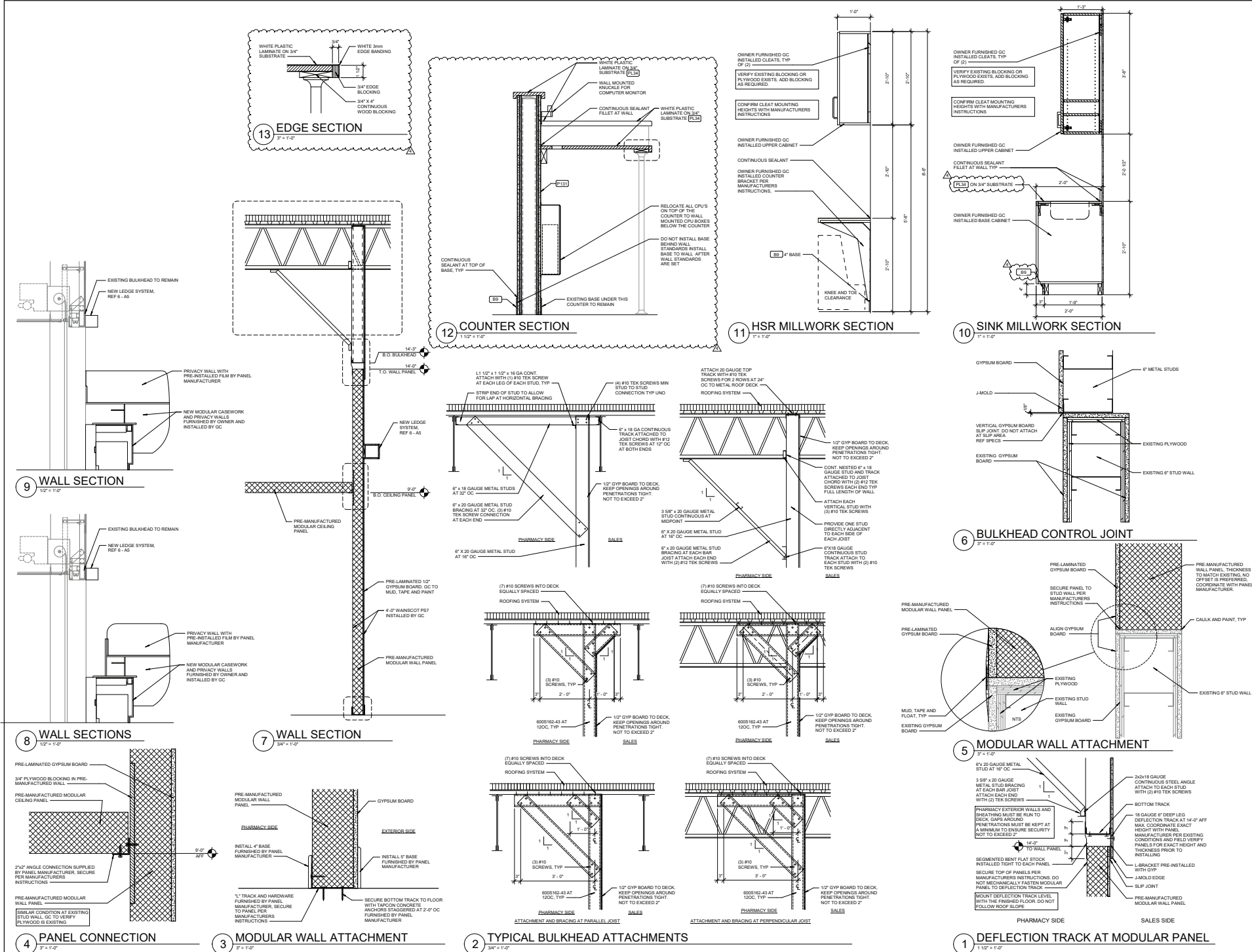
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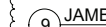
MODULAR PHARMACY PLANS, ELEVATIONS AND DETAILS

SHEET: PHM1

NO.	DATE	DESCRIPTION
1	02/29/2024	ISSUED FOR PERMIT
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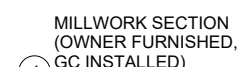
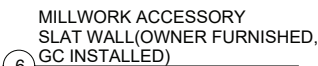
1. ALL ELECTRICAL WORK INCLUDING DATA AND POWER DISCONNECTION BY GC.
2. REMOVAL AND INSTALLATION OF NEW POWER POLES BY GC. DATA LINES BY OTHERS.
3. GENERAL CONTRACTOR RESPONSIBLE FOR ALL ELECTRICAL AND PLUMBING WORK.
4. GC RESPONSIBLE FOR ANCHORING ALL MILLWORK TO PREVENT OVERTURNING. REFERENCE MILLWORK MANUFACTURERS INSTRUCTIONS FOR CLEAR HEIGHTS.
5. CAULK ALL COUNTERS AND BACKSPLASHES TO THE WALL.

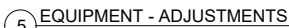


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DRAWN BY:	GS/SJ/RH
PROTO CYCLE:	09/30/22
DOCUMENT DATE:	12/13/22

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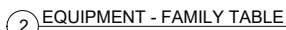
SHEET: VC2





2 EQUIPMENT - FAMILY TABLE

1A VISION CENTER VOICE/DATA PLAN



OWNER FURNISHED, GC INSTALLED CASEWORK

wd **innovation
at scale**

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614.634.7000 T

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CONSULTANTS	
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Walmart*
TROY, MICHIGAN
2001 W MAPLE ROAD, TROY, MICHIGAN, 480684
STORE NO: 2873-111
JOB NUMBER: WALNE018 PHOTO: 150

ISSUE BLOCK

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EQUIPMENT
PLAN (FOR
REFERENCE
ONLY)

SHEET: VC3

KE2 THERM EVAPORATOR CONTROL PANEL INSTALLATION

THIS DOCUMENT IS INTENDED TO DESCRIBE IMPORTANT ELEMENTS OF THIS PROJECT AND TO DEFINE THE RESPONSIBLE PARTIES FOR THIS WORK STREAM. IT IS NOT MEANT TO BE AN EXHAUSTIVE SOURCE OF INFORMATION OR A COMPLETE SCOPE OF WORK. IT SHOULD BE READ AND USED IN CONJUNCTION WITH ADDITIONAL, DETAILED INFORMATION IN THE WALMART REALITY ONE BEST WAY STANDARDS LIBRARY, AND IN PUBLICATIONS AVAILABLE FROM THE MANUFACTURER.

NOTE

#	SCOPE OF WORK	RESPONSIBLE PARTY			
		BASIC PANEL	REMODEL	SELF PERFORM	REMODEL
		SELF PERFORM			
1	FURNISH THE KE2 THERM EVAPORATOR CONTROL PANELS, SENSORS AND OTHER DEVICES AS REQUIRED TO COMPLETE THE PROJECT.	WMVT	WMVT	WMVT	WMVT
2	FURNISH AND INSTALL ALL REFRIGERANT PIPING AND ALL FIELD INSTALLED REFRIGERATION VALVES NECESSARY TO COMPLETE THE WORK.	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
3	FURNISH ALL CONTROLS CABLING AS NECESSARY TO COMPLETE THE WORK. (24 VOLTS OR LESS)	WMVT TECHNICIAN	EMS	WMVT TECHNICIAN	EMS
4	INSTALL AND TERMINATE CONTROLS WIRING (24 VOLTS OR LESS) AS DETAILED ON THE PRINTS.	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
5	FURNISH AND INSTALL ALL ELECTRICAL POWER CABLING FROM POWER SOURCE.	WMVT TECHNICIAN	GC	WMVT TECHNICIAN	GC
6	TERMINATE POWER CABLES TO THE KE2 PANEL(S).	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
7	COORDINATE THE INSTALLATION TIME WITH STORE MANAGEMENT. PREPARE/ASSEMBLE AS MUCH OF THE ELECTRICAL CIRCUIT AS POSSIBLE. ROUTE POWER AND CONTROLS CABLES AND MOUNT ANY NEW DEVICES PRIOR TO FINAL CONNECTIONS BEING MADE IN ORDER TO REDUCE THE AMOUNT OF "DOWN TIME" NEEDED TO COMPLETE THE INSTALLATION.	WMVT TECHNICIAN	GC	WMVT TECHNICIAN	RC
8	IF THE KE2 PANEL IS BEING REFRIGTERIFIED TO AN EXISTING WALK-IN BOX, ENSURE THAT THE WALK-IN BOX IS BEING REFRIGERATED AS MUCH AS POSSIBLE DURING THE TIME IN WHICH THE CONVERSION WORK IS BEING CARRIED OUT.	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
9	NOTIFY THE WMT BUILDING CONTROLS TEAM AND ADVISE THEM WHICH SYSTEM AND WHICH WALK-IN BOX WILL BE IMPACTED BY THE WORK.	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
10	MOUNT THE BASIC KE2 EVAPORATOR CONTROL PANEL ON A WALL INSIDE THE WALK-IN BOX. NOTE THAT PANELS MUST BE INSTALLED WITH NEC REQUIRED CLEARANCES.	WMVT TECHNICIAN	RC	N/A	N/A
11	MOUNT THE STANDARD KE2 EVAPORATOR CONTROL PANEL ON THE EXTERNAL WALL OF THE FREEZER TO WHICH THE CONTROLLER IS CONNECTED. INSTALL THE PANEL ON THE DOOR WALL OF THE BOX IN AN ACCESSIBLE POSITION THAT IS OUT OF THE WAY OF TRAFFIC FLOW. NOTE THAT PANELS THAT ARE IMPACTED MUST BE INSTALLED WITH NEC REQUIRED CLEARANCES.	N/A	N/A	WMVT TECHNICIAN	RC
12	REMOVE THE CONTROL WIRING FOR THE EVAPORATOR CONTROL HEATERS, EVAPORATOR FAN AND THE LEV FROM THE EXISTING CONTROL MODULE USING THE WIRING HARNESS FURNISHED WITH THE KE2 INSTALLATION KIT. SPLICE INTO THESE CIRCUITS AND CONNECT THEM TO THE CORRECT TERMINALS IN THE KE2 PANEL. LEAVE THE EXISTING FAN AND DEFROST CONTROLS IN PLACE. (NOTE: POWER TO THE KE2 THERM PANEL IS VIA THE EXISTING CIRCUIT CONTROL CIRCUIT.)	WMVT TECHNICIAN	RC	N/A	N/A
13	INSTALL A MULTI-CORE CABLE FROM THE RACK HOUSE TO THE WALK-IN BOX TO TERMINATE THE RETURN AIR SENSOR, TWO DEFROST TERMINATION SENSORS AND THE DOOR SWITCH. NOTE THAT ALL KE2 SUPPLIED CONTROL WIRING IS 24VDC CABLE.	WMVT TECHNICIAN	RC	N/A	N/A
14	USE THE EXISTING DEFROST CIRCUIT TO POWER THE KE2 THERM PANEL.	N/A	N/A	WMVT TECHNICIAN	RC
15	CARRY OUT THE ELECTRICAL INSTALLATION IN LINE WITH THE MANUFACTURER'S WIRING AND INFORMATION INCLUDED ON THE BLUE PRINTS (IF APPLICABLE).	N/A	N/A	WMVT TECHNICIAN	RC
16	MOUNT THE KE2 THERM ROOM TEMPERATURE SENSOR ADJACENT TO THE EXISTING EMS RETURN AIR SENSOR (TYPICALLY 1/2" BEHIND CENTER OF EVAPORATOR COIL IN THE THERM ROOM AIR STREAM). WIRE THE KE2 THERM SENSOR TO THE T2 AIR TEMPERATURE TERMINALS.	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
17	THE EXISTING EMS TEMPERATURE CONTROL SENSOR REMAINS LOCATED IN PLACE AND CONNECTED TO THE EXISTING EMS SYSTEM.				
17	MOUNT THE DEFROST TERMINATION SENSOR ON THE FAN SIDE OF THE EVAPORATOR COIL. (RECOMMENDED LOCATION IS NEAR THE BOTTOM ON THE SIDE OF THE COIL NEAR THE SUCTION FLANGE). WIRE THIS SENSOR TO THE T3 COIL TERMINALS.	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
18	IF THE CIRCUIT HAS ONLY 1 EVAPORATOR COIL, MOUNT THE 2ND DEFROST TERMINATION SENSOR ON THE OPPOSITE END OF THE COIL. IF THE CIRCUIT HAS 2 EVAPORATOR COILS, MOUNT THE 2ND DEFROST TERMINATION SENSOR ON 2ND COIL. WIRE THE SENSOR TO THE T2 AUXILIARY TERMINALS. NOTE: IF THE KE2 SENSORS ARE NOT USED, FOLLOW THE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.)	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
19	CONVERT THE EXISTING MECHANICAL EVAPORATOR PRESSURE REGULATOR (EPR) TO AN ELECTRIC EVAPORATOR PRESSURE REGULATOR (EPR) BY MEANS OF A CONVERSION KIT SUPPLIED BY THE VALVE MANUFACTURER. CONNECT THE EPR'S TO THE KE2 EVAPORATOR CONTROL PANEL.	WMVT TECHNICIAN	RC	N/A	N/A
20	REMOVE THE CIRCUIT LEV FROM THE LIQUID MANIFOLD AT THE RACK AND PROVIDE A LEV TO BE INSTALLED IN THE EVAPORATOR LIQUID LINE. PREVIOUSLY LOCATED ABOVE THE WALK-IN BOX. REMOVE THE MECHANICAL SUCTION STOP VALVE FROM THE RACK, AND PROVIDE AN EPR TO BE INSTALLED IN THE EVAPORATOR SUCTION LINE PREVIOUSLY LOCATED ABOVE THE WALK-IN BOX.	N/A	N/A	WMVT TECHNICIAN	RC
21	INSTALL A SUCTION LINE TRANSDUCER AND WIRE THE SIGNAL GROUND AND +V WIRES TO THE TERMINALS INSIDE THE KE2 THERM PANEL. INSTALL A SUCTION LINE TEMPERATURE SENSOR AND CONNECT THE WIRES TO THE T1 SUCTION(AUX) TERMINALS INSIDE THE KE2 THERM PANEL.	N/A	N/A	WMVT TECHNICIAN	RC
22	IF INSTALLING MORE THAN ONE KE2 THERM PANEL IN A SINGLE FACILITY, FOLLOW THE MANUFACTURER'S INSTRUCTIONS TO INSTALL A GATEWAY ROUTER, (GAT) OR CAT5 CABLE TO BE SUPPLIED BY INSTALLER.)	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
23	IF INSTALLING MORE THAN ONE KE2 THERM PANEL IN A SINGLE FACILITY, FOLLOW THE MANUFACTURER'S INSTRUCTIONS TO "BOND" THE PANELS TOGETHER. THIS BONDING PROCESS PREVENTS EVAPORATORS FROM DIFFERENT WALLS FROM DEFROSTING CONCURRENTLY, WHICH MAY OVERLOAD THE ELECTRIC DEFROST POWER CIRCUIT.	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
24	IF THE EVAPORATOR HAS AN ELECTRONIC EXPANSION VALVE (EEV) CONNECT THE VALVE TO THE CORRECT TERMINAL WITHIN THE KE2 THERM EVAPORATOR CONTROLLER.	N/A	N/A	WMVT TECHNICIAN	RC
25	PROGRAM THE CONTROLLER IN ACCORDANCE WITH GUIDANCE GIVEN IN THE KE2 THERM INSTALLATION MATERIALS.	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
26	CARRY OUT THE EMS CONTROLS PARAMETER CHANGES AND PERFORM A REMOTE CHECKOUT.	EMS	EMS	EMS	EMS
27	THE KE2 THERM EVAPORATOR CONTROL PANEL EXECUTES ALL TEMPERATURE CONTROL AND DEFROST FUNCTIONS. THEREFORE, IT IS ESSENTIAL THAT ALL OF THE TEMPERATURE CONTROL AND DEFROST FUNCTIONS FOR THE WALK-IN EVAPORATOR ARE REMOVED FROM THE EXISTING EMS CONTROLS SYSTEM. AWAY FROM A DEFROST SIGNAL, CABLE THAT MUST BE INSTALLED FROM THE KE2 TO THE EMS SYSTEM. ONLY MONITORING AND ALARM FUNCTIONS FOR THE WALK-IN ARE TO REMAIN IN THE EMS SYSTEM.	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
28	FURNISH CONTROLS SUPPORT TO THE INSTALLING CONTRACTOR.	EMS	EMS	EMS	EMS
29	IF THE WALK-IN BOX HAS A REFRIGERANT LEAK DETECTION SYSTEM, CONNECT THE SIGNAL FROM THE LEAK DETECTION SYSTEM TO THE KE2 THERM PANEL. TERMINALS WITHIN THE KE2 THERM PANEL, A PARALLEL CIRCUIT FROM THE LEAK DETECTION SYSTEMS DIGITAL OUTPUT CAN BE USED TO POWER A SEPARATE RELAY TO PROVIDE THE NECESSARY SIGNAL TO THE KE2 PANEL(S).	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
30	IN THE EVENT OF ANY QUESTIONS OR CONCERNS REGARDING CORRECT INSTALLATION, SET UP OR PROGRAMMING OF THE PANEL, CONTACT THE KE2 THERM 24 HOUR TECH SUPPORT LINE. (888) 286-0140	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
31	NOTIFY WMT BUILDING CONTROLS THAT THE WALK-IN BOX IS RUNNING AND ONLINE.	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
32	CONFIRM WITH STORE MANAGEMENT THAT THE WORK IS COMPLETE. THE WALK-IN BOX IS DOWN TO OPERATING TEMPERATURE AND IS FULLY FUNCTIONAL.	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
33	SUBMIT REQUIRED VERBALE AND OTHER REGULATORY FORMS AS REQUIRED BY THE END OF COMMISSIONING WEEK. COMPLETED VERBALE FORMS ARE TO BE EMAILED TO: MCSUPPLY@WAL-MART.COM.	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC
34	CLEAR SITE OF ALL TOOLS, UNUSED INSTALLATION MATERIALS AND TRASH.	WMVT TECHNICIAN	RC	WMVT TECHNICIAN	RC

THIS DOCUMENT IS INTENDED TO DESCRIBE IMPORTANT ELEMENTS OF THIS PROJECT AND TO DEFINE THE RESPONSIBLE PARTIES FOR THIS WORK STREAM. IT IS NOT MEANT TO BE AN EXHAUSTIVE SOURCE OF INFORMATION OR A COMPLETE SCOPE OF WORK. IT SHOULD BE READ AND USED IN CONJUNCTION WITH ADDITIONAL, DETAILED INFORMATION IN THE WALMART REALITY ONE BEST WAY STANDARDS LIBRARY, AND IN PUBLICATIONS AVAILABLE FROM THE MANUFACTURER.

NOTE

#	SCOPE OF WORK	RESPONSIBLE PARTY			
		BATTEN AND SEAL	RELINE	REPLACE EVAPORATOR/BOX	
		REMODEL	REMODEL	REMODEL	
1	DEPENDING ON THE SCOPE OF WORK, FURNISH BATTEN AND SEAL, RELINE OR WALK-IN PANELS MATERIALS.	PSWMVT	PSWMVT	PSWMVT	
2	DEPENDING ON THE SCOPE OF WORK, FURNISH EVAPORATORS AS REQUIRED.	OCMWMT	OCMWMT	OCMWMT	
3	DEPENDING ON THE SCOPE OF WORK, FURNISH EVAPORATOR CONTROL PANELS.	EMSWMVT	EMSWMVT	EMSWMVT	
4	FURNISH AND INSTALL ALL (REFRIGERANT AND DRAIN) PIPING.	RC	RC	RC	
5	FURNISH ALL FIELD-INSTALLED REFRIGERATION VALVES.	OCMWMT	OCMWMT	OCMWMT	
6	FURNISH ALL ISOLATION VALVES.	RC	RC	RC	
7	FIELD-INSTALL ALL REFRIGERATION VALVES.	RC	RC	RC	
8	FURNISH ALL CONTROLS CABLING AS NECESSARY TO COMPLETE THE WORK. (24 VOLTS OR LESS).	EMS	EMS	EMS	
9	INSTALL AND TERMINATE CONTROLS WIRING (24 VOLTS OR LESS) AS DETAILED ON THE PRINTS.	RC	RC	RC	
10	FURNISH AND INSTALL ALL ELECTRICAL POWER CABLING FROM POWER SOURCE TO THE EVAPORATOR CONTROL PANEL, IF NECESSARY.	GC	GC	GC	
11	TERMINATE POWER CABLES TO THE EVAPORATOR CONTROL PANEL.	RC	RC	RC	
12	PREPARE/ASSEMBLE AS MUCH OF THE PIPE WORK AND ELECTRICAL CONDUIT AS POSSIBLE AND MOUNT ANY DEVICES IN ORDER TO REDUCE THE AMOUNT OF "DOWN TIME" NEEDED TO COMPLETE THE INSTALLATION.	RC	RC	RC	
13	COORDINATE THE INSTALLATION TIME WITH STORE MANAGEMENT.	GC	GC	GC	
14	OBTAIN HOT WORK PERMITS AS REQUIRED.	GC	GC	GC	
15	FURNISH TEMPORARY REFRIGERATED STORAGE AS NECESSARY.	WMVT	WMVT	WMVT	
16	NOTIFY THE EMS VENDOR 24 HRS. IN ADVANCE OF THE WORK. TELL THEM WHICH WALK-IN BOXES ARE BEING IMPACTED.	RC	RC	RC	
17	NOTIFY THE WMT BUILDING CONTROLS TEAM AND ADVISE THEM WHICH SYSTEM AND WHICH WALK-IN BOX WILL BE IMPACTED BY THE WORK.	RC	RC	RC	
18	REMOVE ALL OF REFRIGERATED PRODUCTS FROM THE WALK-IN BOX THAT IS BEING IMPACTED.	WMVT	WMVT	WMVT	
19	SHUT DOWN THE WALK-IN BOX THAT IS BEING IMPACTED. NOTE: ALLOW LOW TEMP ROOMS TO "DEFROST" FOR A PERIOD OF 72 HOURS TO ENSURE ALL ICE HAS MELTED FROM THE PANELS. ICE MELT NEEDS TO BE KEPT CLEARED THROUGHOUT THIS TIME TO ENSURE THAT WATER IS NOT REABSORBED BY THE PANELS.	RC	RC	RC	
20	REMOVE ALL OF THE BACKING FROM INSIDE THE WALK-IN BOX THAT IS BEING IMPACTED.	WMVT	WMVT	WMVT	
21	REMOVE ANY PROTECTION DEVICES / STRUCTURES THAT WILL IMPAIR THE COMPLETION OF THE WORK.	GC	GC	GC	
22	REMOVE ALL UTILITIES (CONDENSATE PIPING, CONDUITS, J-BOX, LIGHTING, FIRE SUPPRESSION ETC.) IN ORDER TO ALLOW FOR THE WORK TO BE CARRIED OUT.	N/A	GC	GC	
23	REMOVE THE AFX REPEATER FROM THE WALK-IN BOX THAT IS BEING IMPACTED. STORE THE DEVICE FOR REUSE FOLLOWING COMPLETION OF THE WALK-IN WORK.	GC	GC	GC	
24	REMOVE THE REFRIGERATION (EVAPORATORS) FROM THE AFFECTED WALK-IN BOX AS NEEDED.	N/A	GC	GC	
25	FILL ANY GAPS IN THE PANEL JOINTS WITH SEALANT OR EXPANDABLE FOAM PRIOR TO TAPING THE JOINT.	PS	PS	N/A	
26	CLEAN WALLS AND REPAIR ANY FAULTY PANELS IN PREPARATION FOR BATTEN / SEALING OF THE WALL JOINTS WITHIN THE BOX THAT IS BEING REPAIRED. CARRY OUT THE BATTEN AND SEAL PROCESS.	PS	N/A	N/A	
27	CLEAN WALLS AND REPAIR ANY FAULTY PANELS IN PREPARATION FOR RELINING THE BOX THAT IS BEING REPAIRED. RE-LINE THE WALK-IN BOX AND BATTEN / SEAL THE CEILING JOINTS WITHIN THE BOX AFFECTED.	N/A	PS	N/A	
28	DISCONNECT ANY FALL PROTECTION NETTING FROM THE TOP OF THE WALK-IN BOX, LEAVING IT ATTACHED TO THE ROOF MEMBERS. STAY OUT OF THE WAY FOR FUTURE RE-USE.	N/A	N/A	PS	
29	PROVIDE SUPPORT FOR ANY ITEMS THAT MAY BE MOUNTED TO THE EXTERIOR OF THE WALK-IN BOX THAT WILL REMAIN IN SERVICE DURING THE BOX REPLACEMENT. (FOR EXAMPLE PANEL BOARDS, EMS BACKWARDS ETC.)	N/A	GC	GC	
30	REPLACE THE WOODEN THERMAL BREAKS AS NECESSARY.	N/A	N/A	GC	
31	INSTALL WALK-IN BOX. HANG THE DOOR AND ENSURE THAT ALL HARDWARE FUNCTIONS CORRECTLY.	N/A	N/A	PS	
32	RETRIEVE ANY FALL PROTECTION NETTING FROM THE ROOF MEMBERS, AND REATTACH IT TO THE TOP OF THE WALK-IN BOX AS DESCRIBED ON THE PRINTS.	N/A	N/A	GC	
33	REATTACH ANY ITEMS PREVIOUSLY MOUNTED TO THE EXTERIOR OF THE WALK-IN BOX THAT WERE TEMPORARILY SUPPORTED DURING THE WALK-IN BOX REPLACEMENT. (FOR EXAMPLE PANEL BOARDS, EMS BACKWARDS ETC.)	N/A	N/A	GC	
34	INSTALL PROTECTION DEVICES AS INDICATED ON THE PRINTS. REINSTALL ANY EXISTING PROTECTION DEVICES OR STRUCTURES AS REQUIRED. ENSURE THAT ANY UNDISTURBED PROTECTION DEVICES ARE FIXED SECURELY.	GC	GC	GC	
35	INSTALL THE EVAPORATORS (MECHANICAL, ELECTRICAL, PLUMBING AND CONTROLS) AND CONTROL PANELS AS DETAILED ON THE PRINTS.	N/A	N/A	RC	
36	EVALUATE AND PRESSURE TEST THE EVAPORATORS AND ANY PIPING MODIFIED DURING THE WORK.	N/A	N/A	RC	
37	INSTALL AND COMMISSION REFRIGERANT LEAK DETECTION SYSTEM AS NOTED ON THE PROJECT PRINTS.	N/A	N/A	RC	
38	INSTALL / REPAIR ALL UTILITIES FOR FINAL BOX CONFIGURATION. (CONDENSATE PIPING, CONDUITS, J-BOX, LIGHTING, FIRE SUPPRESSION ETC.) INSTALL CONDUIT FOR AFX CABLING, SEAL ALL PENETRATIONS PER SPECIFICATION.	GC	GC	GC	
39	SWITCH ON THE REFRIGERATION, LIGHTING AND OTHER SYSTEMS WITHIN THE WALK-IN.	RC	RC	RC	
40	COMMISSION THE EVAPORATORS, VALVES AND CONTROLS AS REQUIRED. CHECK AND ADJUST MECHANICAL TRV SUPERHEATS TO OEM RECOMMENDATIONS AND EPR SETTINGS PER LEGEND.	N/A	N/A	RC	
41	FURNISH FOR AIR DOOR AS REQUIRED.	N/A	N/A	PSWMVT	
42	FIELD-INSTALL AND START UP FOR AIR DOORS AS REQUIRED.	N/A	N/A	PS	
43	CARRY OUT ANY CONTROLS PARAMETER CHANGES.	N/A	N/A	EMS	
44	CARRY OUT ANY CONTROLS PARAMETER CHANGES AND PERFORM REMOTE CHECKOUT.	N/A	N/A	RC	
45	FURNISH CONTROLS SUPPORT TO THE INSTALLING CONTRACTOR.	N/A	N/A	EMS	
46	NOTIFY WMT BUILDING CONTROLS THAT THE WALK-IN BOX IS RUNNING AND ONLINE.	RC	RC	RC	
47	REINSTALL / RECOMMISSION THE AFX REPEATER DEVICE.	WMVT	WMVT	WMVT	
48	INSTALL SHELVING / RACKING AS INDICATED ON THE PLANS. RE-INSTALL RACKING AS NECESSARY.	WMVT	WMVT	WMVT	
49	ANCHOR RACKING AS INDICATED ON THE PLANS.	GC	GC	GC	
50	INSTALL CIRCUIT LABELS TO THE WALK-IN BOX, CONTROLLERS AND EVAPORATORS AS REQUIRED.	RC	RC	RC	
51	CARRY OUT A THOROUGH LEAK TEST ON ALL WELDED AND MECHANICAL JOINTS INSTALLED OR DISTURBED DURING THE PROJECT.	RC	RC	RC	
52	HANDOVER THE COMPLETED WALK-IN BOX TO THE STORE. (WALK-IN BOX MUST BE CLEAN, AT OPERATIONAL TEMPERATURE AND FULLY FUNCTIONAL.)	GC	GC	GC	
53	RE STOCK PRODUCT BACK INTO THE WALK-IN BOX.	WMVT	WMVT	WMVT	
54	HAUL OFF ALL OF THE OLD WALK-IN PANELS FROM SITE (IF APPLICABLE). NOTE: DASH REFRIGERATION TO HAUL OFF ALL WALK-IN BOX PANELS FROM TEXAS PROJECTS.	GC/PS	GC/PS	GC/PS	
55	REMOVE THE OLD LEGENDS AND INSTALL REPLACEMENT LEGENDS AS SUPPLIED BY THE OEM. (PROVIDE TYPEWRITTEN SCHEDULES FOR ANY AFFECTED ELECTRICAL PANELS).	RC	RC	RC	
56	SHUT DOWN AND ARRANGE FOR THE REMOVAL OF ANY TEMPORARY REFRIGERATED STORAGE.	WMVT	WMVT	WMVT	
57	AFTER ALL CHANGES HAVE BEEN MADE TO A RACK, REMOVE ANY COMPRESSOR SUCTION FILTERS / SOCKS AND REPLACE THE RACK LIQUID LINE FILTERS. LEAVE THE OLD FILTERS / DRIERS IN THE RACK HOUSE TO BE INSPECTED BY THE OEM.	RC	RC	RC	
58	SUBMIT REQUIRED VERBALE AND OTHER REGULATORY FORMS AS REQUIRED BY THE END OF COMMISSIONING WEEK. COMPLETED VERBALE FORMS ARE TO BE EMAILED TO: MCSUPPLY@WAL-MART.COM.	RC	RC	RC	
59	CLEAR SITE OF ALL TOOLS, UNUSED INSTALLATION MATERIALS AND TRASH.	RC/PS	RC/PS	RC/PS	
60	LOOSEN AND RE-TIGHTEN OR REMOVE AND RE-INSTALL UTILITIES (CONDENSATE PIPING, CONDUITS, J-BOX, FIRE SUPPRESSION, ETC.) AS REQUIRED IN ORDER TO ALLOW FOR THE WORK TO BE CARRIED OUT.	GC	GC	GC	

ABBREVIATION

DESCRIPTION

RC

REFRIGERATION CONTRACTOR AND SUB-CONTRACTORS

GC

GENERAL CONTRACTOR AND SUB-CONTRACTORS

EMS

EMS VENDOR

OEM

ORIGINAL RACK EQUIPMENT MANUFACTURER, ORIGINAL CASE EQUIPMENT MANUFACTURER, APU MANUFACTURER, RTU MANUFACTURER

PS

WALK-IN BOX PANEL SUPPLIER

WM

WALMART

AES

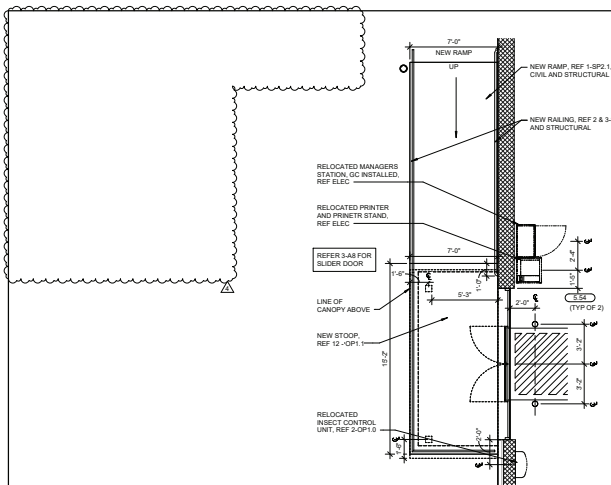
SUPPLIER OF APU ADAPTER CUBES, RTU ADAPTER CUBES AND WALMART'S EQUIPMENT SALVAGE PARTNER

WTC

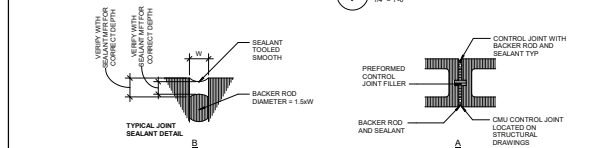
WATER TREATMENT CONTRACTOR

MC

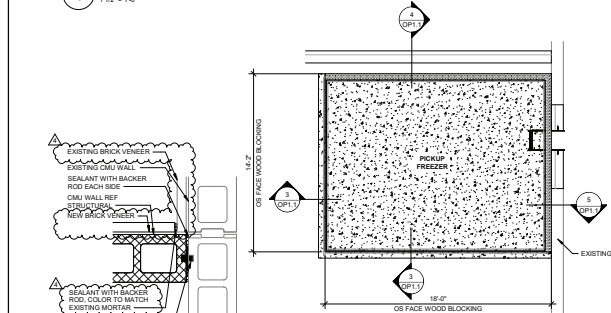
MECHANICAL CONTRACTOR AND SUB-CONTRACTORS



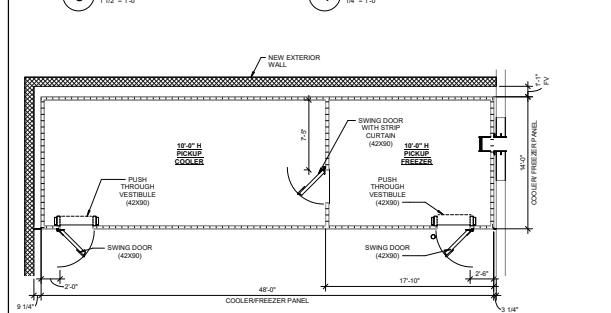
7 ENLARGED BOLLARD PLAN
1/8" = 1'-0"



6 CONTROL JOINT
1/12" = 1'-0"



5 CONTROL JOINT C
1/12" = 1'-0"



4 FREEZER UNDERSLAB PLAN
1/4" = 1'-0"



3 WALK-IN PLAN
3/16" = 1'-0"

PICKUP STORAGE

WALLS

- EXISTING WALLS TO REMAIN, PATCH AND REPAIR ANY HOLES IN EXISTING WALL, NEW WALLS DO NOT PAINT, SEE SPECIFICATIONS FOR FINISH.

FLOOR

- REF. STRUCTURAL AND SPECS FOR NEW SLAB TRANSITION BETWEEN EXISTING FLOORING AS REQUIRED, MORE THAN ONE FLOORING TYPE, CASTS REPAIR CONCRETE AS REQUIRED AT LOCATIONS OF DEMOLISHED WALLS AND FIXTURES IN ACCORDANCE WITH SECTION 0585.

CEILING

- OPEN TO STRUCTURE, REF. STRUCTURAL.

NEW EVAPORATORS TO BE FURNISHED BY RACK MANUFACTURER AND INSTALLED BY CONTRACTOR.

REF. TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING INTERRELATED SCOPE OF WORK.

CONCRETE PAD, REF. STRUCTURAL.

ALL COOLER BOX MODIFICATIONS TO BE PERFORMED BY COOLER/FREEZER MANUFACTURER, RELATED SLAB WORK BY GC.

NEW LOCATION OF RACK BEAMS AND UPRIGHT FRAMES PER FAS SHEETS, REF. SHEET NOTES.

NOTE: ELECTRICAL, FIRE PROTECTION PIPING & PLUMBING WILL DO THRU EXISTING OPENING, IF AN OPENING EXISTS, REF. MEP. IF ONE DOES NOT EXIST, REF. STRUCTURAL.

REF. 1-OP1.4 FOR SAFETY NETTING PLANS

COORDINATE RELOCATION OR REMOVAL OF RACK BEAMS AND UPRIGHT FRAMES AS REQUIRED PER FAS SHEETS, REF. SHEET NOTES.

NOTE: NEW LINERS ONLY INSTALLED ON WALK-IN WALLS. NEW LINERS WILL NOT BE INSTALLED ON WALK-IN CEILING. ALL CEILING JOINTS TO BE SEALED BY THE PANEL VENDOR.

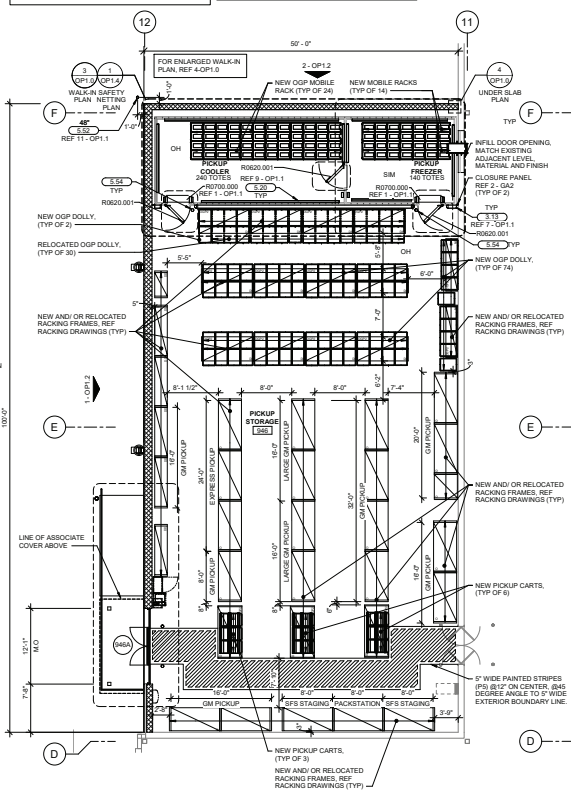
AT EXPOSED PAINTED STRUCTURE OR DECK PAINT NEW CONDUIT, DUCTWORK AND FIRE SPRINKLER PIPING (FIRE SPRINKLER HEADS TO REMAIN, UNPAINTED) TO MATCH ADJACENT STRUCTURE OR DECK.

SLOPE ALL EXTERIOR SLABS AWAY FROM BUILDING SLOPE. ALL SLOPES SHALL BE A MIN. 1/8" PER FOOT AND SHALL NOT EXCEED 1/4" PER FOOT. ALL SLAB SLOPE MEET BUILDING AT ELEVATION 100.00 (AND) WHERE SLAB EDGE MEETS PAVING, COORDINATE TOP OF SLAB WITH CIVIL DRAWINGS.

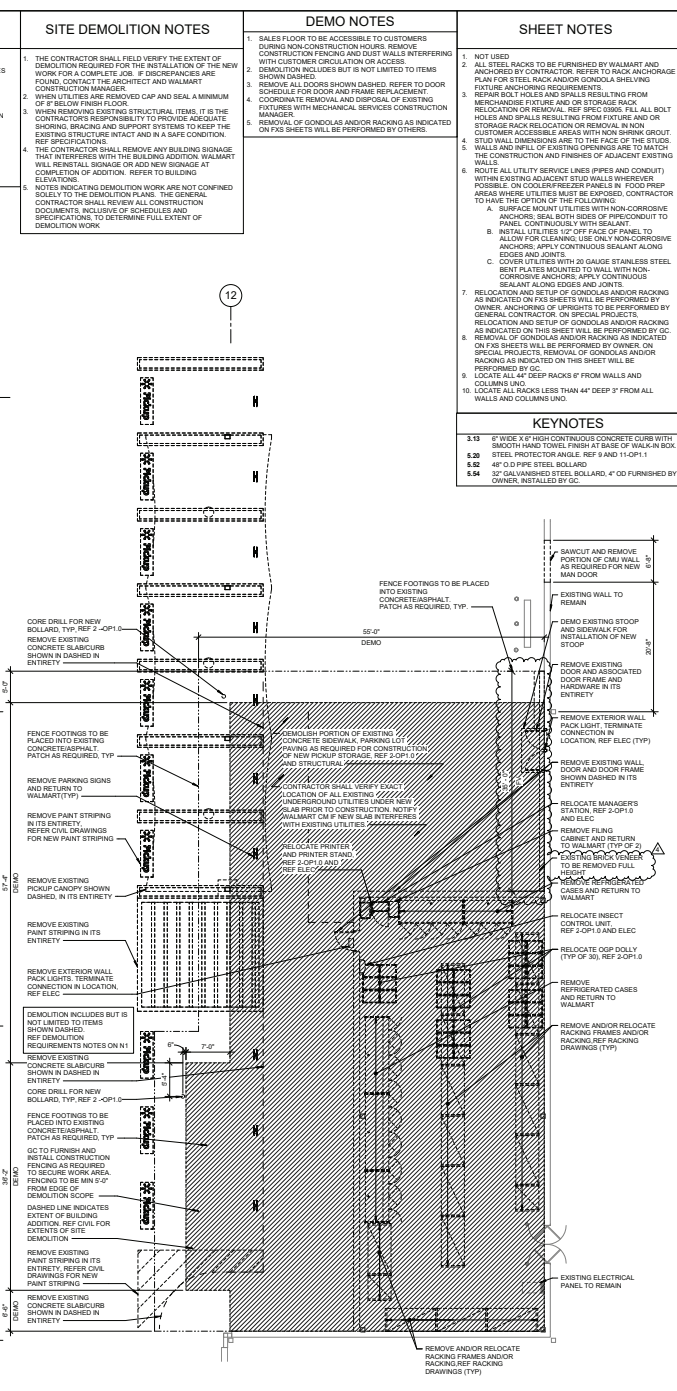
NOTE: ALL PIPING PENETRATIONS THRU WALL ONLY. COORDINATE WITH VENDOR IF ANY PENETRATIONS ARE REQUIRED THRU THE ROOF, REF. MEP.

NOTE: PROVIDE CONT. BACKER ROD AND SEALANT FROM SIDES OF CMU AT JUNCTURE OF NEW AND EXISTING CMU WALLS.

NOTE: ARCHITECTURAL FINISH FLOOR 100.00' CIVIL FINISH FLOOR 486.4' CIVIL EXTERIOR DOORS 100.00' USU.



2 ENLARGED EXPANSION FLOOR PLAN
1/8" = 1'-0"



1 ENLARGED EXPANSION DEMOLITION PLAN
1/8" = 1'-0"

LEGEND	SITE SHEET NOTES	SITE DEMOLITION NOTES	DEMO NOTES	SHEET NOTES
<p>— EXISTING TO REMAIN</p> <p>— NEW</p> <p>- - - DEMOLISH/REMOVE</p> <p>--- RELOCATE</p> <p>/// AREA TO BE DEMOLISHED</p> <p>■ INSULATED COOLER PANEL</p> <p>■ NEW CMU WALL</p>	<p>1. ALL CONCRETE STOPS 1/4" (2") AWAY FROM BUILDING, SLOPE SURROUNDING GRADE 1/8" (2") MAXIMUM TO MEET FLUSH WITH FRONT AND SIDE EDGES OF EACH CONCRETE STOP.</p> <p>2. ALL EXTERIOR BRICK WALLS TO BE FILLED WITH SEALANT, REF. SPECIFICATIONS.</p> <p>3. WHEN UTILITIES ARE REMOVED CAP AND SEAL MINIMUM OF 1" BELOW FINISH FLOOR.</p> <p>4. WHEN REMOVING EXISTING STRUCTURAL ITEMS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORING, BRACING AND SUPPORT SYSTEMS TO KEEP THE EXISTING STRUCTURE INTACT AND IN A SAFE CONDITION.</p> <p>5. THE CONTRACTOR SHALL REMOVE ANY BUILDING DAMAGE THAT INTERFERES WITH THE BUILDING ADDITION, WALMART WILL RENTAL SIGNAGE OR ADD NEW SIGNAGE AT COMPLETION OF ADDITION. REFER TO BUILDING ELEVATION.</p> <p>6. COORDINATE QUANTITY AND LOCATION OF FIRE EXTINGUISHERS REQUIRED WITH AUI.</p>	<p>1. THE CONTRACTOR SHALL FIELD VERIFY THE EXTENT OF DEMOLITION REQUIRED FOR THE INSTALLATION OF THE NEW WORK FOR A COMPLETE JOB. IF DISCREPANCIES ARE FOUND, CONTACT THE ARCHITECT AND WALMART CONSTRUCTION MANAGER.</p> <p>2. WHEN UTILITIES ARE REMOVED CAP AND SEAL MINIMUM OF 1" BELOW FINISH FLOOR.</p> <p>3. WHEN REMOVING EXISTING STRUCTURAL ITEMS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORING, BRACING AND SUPPORT SYSTEMS TO KEEP THE EXISTING STRUCTURE INTACT AND IN A SAFE CONDITION.</p> <p>4. THE CONTRACTOR SHALL REMOVE ANY BUILDING DAMAGE THAT INTERFERES WITH THE BUILDING ADDITION, WALMART WILL RENTAL SIGNAGE OR ADD NEW SIGNAGE AT COMPLETION OF ADDITION. REFER TO BUILDING ELEVATION.</p> <p>5. THE CONTRACTOR SHALL FIELD VERIFY THE EXTENT OF DEMOLITION REQUIRED FOR THE INSTALLATION OF THE NEW WORK FOR A COMPLETE JOB. IF DISCREPANCIES ARE FOUND, CONTACT THE ARCHITECT AND WALMART CONSTRUCTION MANAGER.</p> <p>6. WHEN UTILITIES ARE REMOVED CAP AND SEAL MINIMUM OF 1" BELOW FINISH FLOOR.</p>	<p>1. SALES FLOOR TO BE ACCESSIBLE TO CUSTOMERS DURING NON-CONSTRUCTION HOURS. REMOVE CONSTRUCTION FENCING AND DOOR WALLS INTERFERING WITH CUSTOMER CIRCULATION OR ACCESS.</p> <p>2. CONSTRUCTION INCLUDES BUT IS NOT LIMITED TO: REPAIR EXISTING WALLS AND DOOR FRAME REPLACEMENT. COORDINATE REMOVAL AND DISPOSAL OF EXISTING FIXTURES WITH MECHANICAL SERVICES CONSTRUCTION MANAGER.</p> <p>3. REMOVAL OF GONDOLAS AND/OR RACKING AS INDICATED ON FAS SHEETS WILL BE PERFORMED BY OTHERS.</p>	<p>1. NOT USED.</p> <p>2. ALL STEEL RACKS TO BE FURNISHED BY WALMART AND ANCHORED BY CONTRACTOR. REFER TO RACK ANCHORAGE PLAN FOR STEEL RACK AND/OR GONDOLA SHELVING. FUTURE ANCHORING REQUIREMENTS.</p> <p>3. REPAIR EXISTING WALLS AND DOOR FRAME REPLACEMENT. COORDINATE REMOVAL AND DISPOSAL OF EXISTING FIXTURES WITH MECHANICAL SERVICES CONSTRUCTION MANAGER.</p> <p>4. STUD WALL DIMENSIONS ARE TO THE FACE OF THE STUDS. WALLS AND IMPL. OF EXISTING OPENINGS ARE TO MATCH THE CONSTRUCTION AND FINISHES OF ADJACENT EXISTING.</p> <p>5. ROUTE ALL UTILITY SERVICE LINES (PIPES AND CONDUIT) WITHIN EXISTING ADJACENT STUD WALLS WHEREVER POSSIBLE. ON COOLER/FREEZER PANELS IN FOOD PREP AREAS WHERE UTILITY LINES MUST BE EXPOSED, CONTRACTOR TO HAVE THE OPTION OF THE FOLLOWING:</p> <p>A. SURFACE MOUNT UTILITIES WITH NON-CORROSIVE ANCHORS. SEAL BOTH SIDES OF PRECONDUIT TO PANEL, CONTINUOUSLY WITH SEALANT.</p> <p>B. INSTALL UTILITIES 1/2" OFF FACE OF PANEL TO ALLOW FOR CLEANING. USE ONLY NON-CORROSIVE ANCHORS. APPLY CONTINUOUS SEALANT ALONG TOES AND JOINTS.</p> <p>C. SURFACE MOUNT UTILITIES WITH NON-CORROSIVE ANCHORS. SEAL BOTH SIDES OF PRECONDUIT TO PANEL, CONTINUOUSLY WITH SEALANT.</p> <p>7. RELOCATION AND SET-UP OF GONDOLAS AND/OR RACKING AS INDICATED ON FAS SHEETS WILL BE PERFORMED BY OWNER. ANCHORING OF UPRIGHTS TO BE PERFORMED BY GENERAL CONTRACTOR ON SPECIAL PROJECTS.</p> <p>8. RELOCATION AND SET-UP OF GONDOLAS AND/OR RACKING AS INDICATED ON THIS SHEET WILL BE PERFORMED BY GC.</p> <p>9. REMOVAL OF GONDOLAS AND/OR RACKING AS INDICATED ON THIS SHEET WILL BE PERFORMED BY GC.</p> <p>10. LOCATE ALL 4" DEEP TRACKS IF FROM WALLS AND COLUMNS.</p> <p>11. LOCATE ALL RACKS LESS THAN 4" DEEP FROM ALL WALLS AND COLUMNS.</p>

KEYNOTES

1. IF 4" DEEP TRACKS ARE CONTIGUOUS TO CMU WITH SMOOTH HAND TONGUE, PATCH AT BASE OF WALK-IN BOX.
2. STEEL PROTECTION ANGLE, REF. 8 AND 11-OP1.1.
3. 4" O.D. PIPE STEEL BOLLARD.
4. 3" GALVANIZED STEEL BOLLARD, 4" OD FURNISHED BY OWNER, INSTALLED BY GC.



CONTRACTOR	DATE
WALMART	10/13/2024

ISSUE BLOCK	DATE
1. PREP	10/03/2023
2. PREP	01/17/24
3. PREP	02/02/24

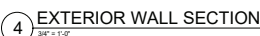
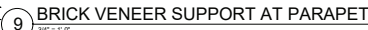
CHECKED BY	DATE
WALMART	10/13/2024



DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION.

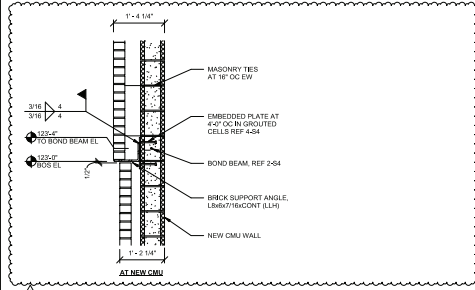
EXTERIOR EXPANSION FLOOR PLANS AND DETAILS

SHEET: OP.1.0

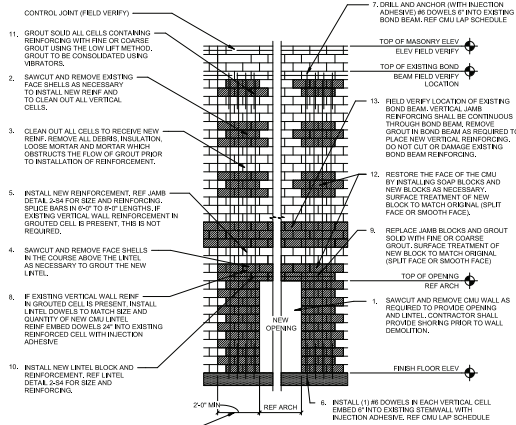




SHEET:
S1.1



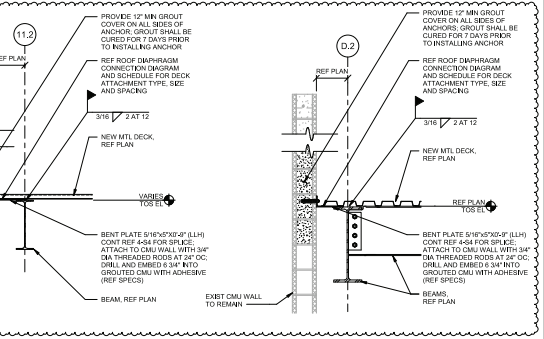
11 BRICK VENEER SUPPORT AT PARAPET
3/4\" = 1'-0"



GENERAL NOTES

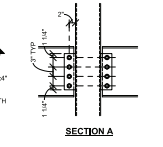
1. COMPLETE INTERIOR FACE ONLY SHALL BE REMOVED.
2. RE-POINT ALL AFFECTED MORTAR JOINTS.
3. EXISTING BOND BEAM REIN SHALL NOT BE CUT OR DAMAGED.
4. SHORE EXISTING STRUCTURE AS REQUIRED.
5. EXTEND GROUTED UNTEL AND REIN 2'-0\" AND BEYOND FACE OF OPENING EACH SIDE.

10 NEW OPENING IN EXISTING WALL
3/4\" = 1'-0"



9 GROUT PLACEMENT IN EXISTING CMU WALL FOR ADHESIVE ANCHORS
3/4\" = 1'-0"

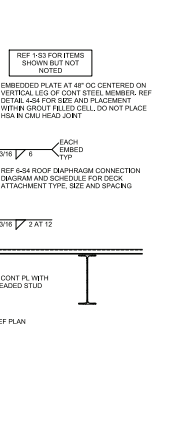
SECTION	BOLTS PER MEMBER	PLATE LENGTH
W10	2	5'-10"
W12	2	5'-10"
W14	3	8'-10"
W16	4	11'-10"
W18	5	1'-2'-10"
W21	6	1'-5'-10"
W24	7	1'-8'-10"
W27	8	1'-11'-10"
W30	9	2'-2'-10"



8 BEAM TO COLUMN
3/4\" = 1'-0"

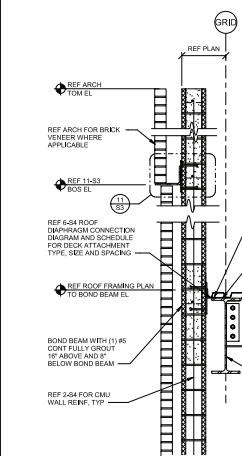
7 BEAM TO BEAM
3/4\" = 1'-0"

6 BOLT SCHEDULE
TYP



5 NEW DECK AT EXIST WALL
3/4\" = 1'-0"

4 REAR WALL SECTION
3/4\" = 1'-0"



3 SCUPPER WALL SECTION
3/4\" = 1'-0"

2 BEAM TO PERIMETER COLUMN
3/4\" = 1'-0"



1 SIDE WALL SECTION
3/4\" = 1'-0"

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Walmart
TROY, MICHIGAN 48064
2001 W MALE ROAD, TROY, MICHIGAN 48064
TEL: 313.286.1000
FAX: 313.286.1001
WWW.WALMART.COM

ISSUE BLOCK

3	PR #3	01/17/24
4	ADD #2	02/28/24

CHECKED BY: ALB/L
DRAWN BY: PA
PROT CYCLE: 06/24/22
DATE DATE: 12/13/22

REGISTERED PROFESSIONAL ENGINEER
DANIEL A. BROWN
No. 81205
State of Michigan
EXPIRATION DATE: 12/31/2025

ROOF FRAMING DETAILS

SHEET: S3



SUSULTANTS

ISSUE BLOCK		
3	PR #3	01/17/2
4	ADD #2	02/20/1

SHEET: S4

5. REPLACEMENT OF EXISTING LIGHTING FIXTURES SHALL BE IN ACCORDANCE WITH THE FOLLOWING: 1. EXISTING LIGHTING FIXTURES SHALL BE REPLACED WITH EQUIVALENT OR BETTER. 2. EXISTING LIGHTING FIXTURES SHALL BE REPLACED WITH EQUIVALENT OR BETTER. 3. EXISTING LIGHTING FIXTURES SHALL BE REPLACED WITH EQUIVALENT OR BETTER. 4. EXISTING LIGHTING FIXTURES SHALL BE REPLACED WITH EQUIVALENT OR BETTER.

CONSULTANTS

Walmart
TROY, MICHIGAN
2001 W MAPLE ROAD, TROY, MI 48064
ST. WALKER, MI 48064
433 NUMBER

ISSUE BLOCK

3	PREP	01/17/24
4	ADDC	02/29/24

CHECKED BY: SD
DRAWN BY: MD
PROJECT: 088692
DOCUMENT DATE: 10/13/22

02/29/2024

RECORD & HUMAN ENGINEER
202004-1365
PROFESSIONAL SEAL

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

ENLARGED LIGHTING PLANS

SHEET: **E.1.1**

KEYNOTES

- 16.090 REPLACE EXISTING LIGHT FIXTURES IN THIS AREA WITH NEW LIGHT FIXTURES IN SAME LOCATION AS EXISTING LIGHT FIXTURES BEING REPLACED. RECONNECT TO EXISTING CIRCUITRY AND CONTROLS.
- 16.125 EXISTING LIGHT FIXTURES TO REMAIN UNLESS NOTED OTHERWISE.
- 16.126 EXISTING LIGHT FIXTURE TO BE DEMOLISHED. CONNECT TO EXISTING CIRCUIT PREVIOUSLY SERVING AREA LIGHTING THAT WAS REMOVED. MAINTAIN EXISTING CIRCUIT CONTROL UNLESS NOTED OTHERWISE. PROVIDE CONSTANT HOT FOR EMERGENCY EXIT AND LOCALLY CONTROLLED LIGHT FIXTURES.
- 16.131 CONNECT TO EXISTING CIRCUIT.
- 16.133 EXISTING LIGHT FIXTURES TO BE RELOCATED TO NEW LOCATION AS SHOWN.
- 16.147A BACKLIT MIRROR 150W BY LED DRIVER INSTALLED ABOVE CEILING. LED DRIVER FURNISHED BY OTHERS. INSTALLED BY E.C. DRIVER SHALL BE CONTROLLED BY EXISTING 120V LIGHTING CONTROL. COORDINATE EXACT LOCATION OF CEILING ACCESS PANEL WITH GC AS REQUIRED.
- 16.402 E.C. SHALL COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECTURAL CONSULTANT. THE EXTENT OF ELECTRICAL DEMOLITION, REMOVE UNUSED DEVICES, BOXES, CONDUITS, AND WIRING BACK TO ORIGINATING JUNCTION BOXES OR PANELBOARDS. REFERENCE POWER PLANS FOR CIRCUITRY TO BE REUSED. DEMOLITION SHALL NOT AFFECT ACTIVE CIRCUITS. IF CIRCUIT IS DEMOLISHED, ALL THE WAY TO PANELBOARD, REMOVE CIRCUIT BREAKER AND REPLACE WITH FILLER PLATE. UPDATE TYPEWRITTEN CIRCUIT DIRECTORY IDENTIFYING CIRCUIT AS "SPACE". COORDINATE EXACT REQUIREMENTS WITH EXISTING CONDITIONS PRIOR TO BID.

CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE INSTALLATION OF THE LIGHTING SYSTEM AS INDICATED ON PLANS AND/OR AS MODIFIED TO ACCOMMODATE EXISTING OBSTRUCTIONS. IDENTIFY CONFLICTS PRIOR TO ROUGH-IN. WHERE CONFLICTS WITH EXISTING UTILITIES OCCUR ADJUST FIXTURE LOCATION AS REQUIRED. FIXTURES SHALL BE INSTALLED AS NEAR AS POSSIBLE TO LOCATIONS INDICATED ON PLANS WITH EVEN SPACING MAINTAINED.

PROVIDE CONSTANT HOT FOR EXIT SIGNS, EMERGENCY LIGHTING AND NL.

COORDINATE RESTROOM LIGHT FIXTURE LOCATIONS WITH CEILING STRUCTURE. DUCT WORK, SPRINKLERS AND S.C. LIGHTING LAYOUT ADJUSTMENTS SHALL BE KEPT TO A MINIMUM. MAINTAIN LAYOUT AS CLOSELY AS POSSIBLE.

PROVIDE STAINLESS STEEL COVER PLATES TYP IN RESTROOMS AND FAMILY TOILET.

ADD T-BAR AND CEILING TILE TO PATCH CEILING WHERE 2X4 LIGHT FIXTURES ARE REPLACED BY 2X2 LIGHT FIXTURES. NEW 2X2 LIGHT FIXTURES SHALL MAINTAIN CONSISTENT SPACING (E.G., ALL 2X2 INSTALLED IN PLAN NORTH END WHERE 2X4'S ARE BEING REPLACED).

NIGHT LIGHTS SHALL BE WIRED AHEAD OF ANY CONTROLS. TYP.

BACKLIT MIRROR TYP.

TO SCENT SYSTEM. RELOCATE CIRC. TYP OF 2. REF 1/E2.2.

REMOVE RESTROOM NEEDS CLEANING LIGHT SWITCHES. TYPICAL AT RESTROOMS. PROVIDE STAINLESS STEEL BLANK COVER PLATE WITH TAMPER RESISTANT SCREWS AT OUTLETS.

8 PICKUP STORAGE LIGHTING PLAN

1/8" = 1'-0"

7 PICKUP STORAGE LIGHTING DEMO PLAN

1/8" = 1'-0"

2 FRONT RESTROOM LIGHTING PLAN

1/4" = 1'-0"

3 REAR RESTROOM LIGHTING DEMO PLAN

1/8" = 1'-0"

1 FRONT RESTROOM LIGHTING DEMO PLAN

1/8" = 1'-0"

4 REAR RESTROOM LIGHTING PLAN

1/4" = 1'-0"

FOR ALL MULTI-BRANCH CIRCUITS WITH SHARED NEUTRAL, PROVIDE A MINIMUM OF TWO LISTED HANDLE BETWEEN CIRCUIT BREAKERS FOR SIMULTANEOUS DISCONNECT.

EXISTING LIGHTING FIXTURES NOT SHOWN ARE EXISTING TO REMAIN AND ARE NOT AFFECTED BY THE SCOPE OF WORK ON THIS PROJECT. THEY INCLUDE ALL GENERAL LIGHTING, EGRESS LIGHTING AND EXIT LIGHTING.

EXISTING CIRCUITRY AND WIRING SHALL BE REUSED WHERE POSSIBLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND REMOVING EXISTING CIRCUITRY AND WIRING THAT IS NOT TO BE REUSED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND REMOVING EXISTING CIRCUITRY AND WIRING THAT IS NOT TO BE REUSED.

NOTES: CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND REMOVING EXISTING CIRCUITRY AND WIRING THAT IS NOT TO BE REUSED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND REMOVING EXISTING CIRCUITRY AND WIRING THAT IS NOT TO BE REUSED.

CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE INSTALLATION OF THE LIGHTING SYSTEM AS INDICATED ON PLANS AND/OR AS MODIFIED TO ACCOMMODATE EXISTING OBSTRUCTIONS. IDENTIFY CONFLICTS PRIOR TO ROUGH-IN. WHERE CONFLICTS WITH EXISTING UTILITIES OCCUR ADJUST FIXTURE LOCATION AS REQUIRED. FIXTURES SHALL BE INSTALLED AS NEAR AS POSSIBLE TO LOCATIONS INDICATED ON PLANS WITH EVEN SPACING MAINTAINED.

PROGRAM FOR MANUAL ON AT 100% LIGHT LEVEL AND 15 MINUTE TIME DELAY. WIRE PER MANUFACTURER'S RECOMMENDATIONS, INCLUDING DIMMING CONTROL, TO ALL FIXTURE.

ADD T-BAR AND CEILING TILE TO PATCH CEILING WHERE 2X4 LIGHT FIXTURES ARE REPLACED BY 2X2 LIGHT FIXTURES. NEW 2X2 LIGHT FIXTURES SHALL MAINTAIN CONSISTENT SPACING (E.G., ALL 2X2 INSTALLED IN PLAN NORTH END WHERE 2X4'S ARE BEING REPLACED).

PROVIDE STAINLESS STEEL COVER PLATES TYP IN RESTROOMS AND FAMILY TOILET.

PROVIDE CONSTANT HOT FOR EXIT SIGNS, EMERGENCY LIGHTING AND NL.

COORDINATE RESTROOM LIGHT FIXTURE LOCATIONS WITH CEILING STRUCTURE. DUCT WORK, SPRINKLERS AND S.C. LIGHTING LAYOUT ADJUSTMENTS SHALL BE KEPT TO A MINIMUM. MAINTAIN LAYOUT AS CLOSELY AS POSSIBLE.

TO SCENT SYSTEM. RELOCATE CIRC. TYP OF 4. REF 4/E2.2.

NIGHT LIGHTS SHALL BE WIRED AHEAD OF ANY CONTROLS. TYP.

CONNECT TO EXISTING WALL PUCK CIRCUIT AND MAINTAIN EXISTING CONTROL THROUGH THE EXISTING BUILDING MANAGEMENT SYSTEM.

RELOCATED

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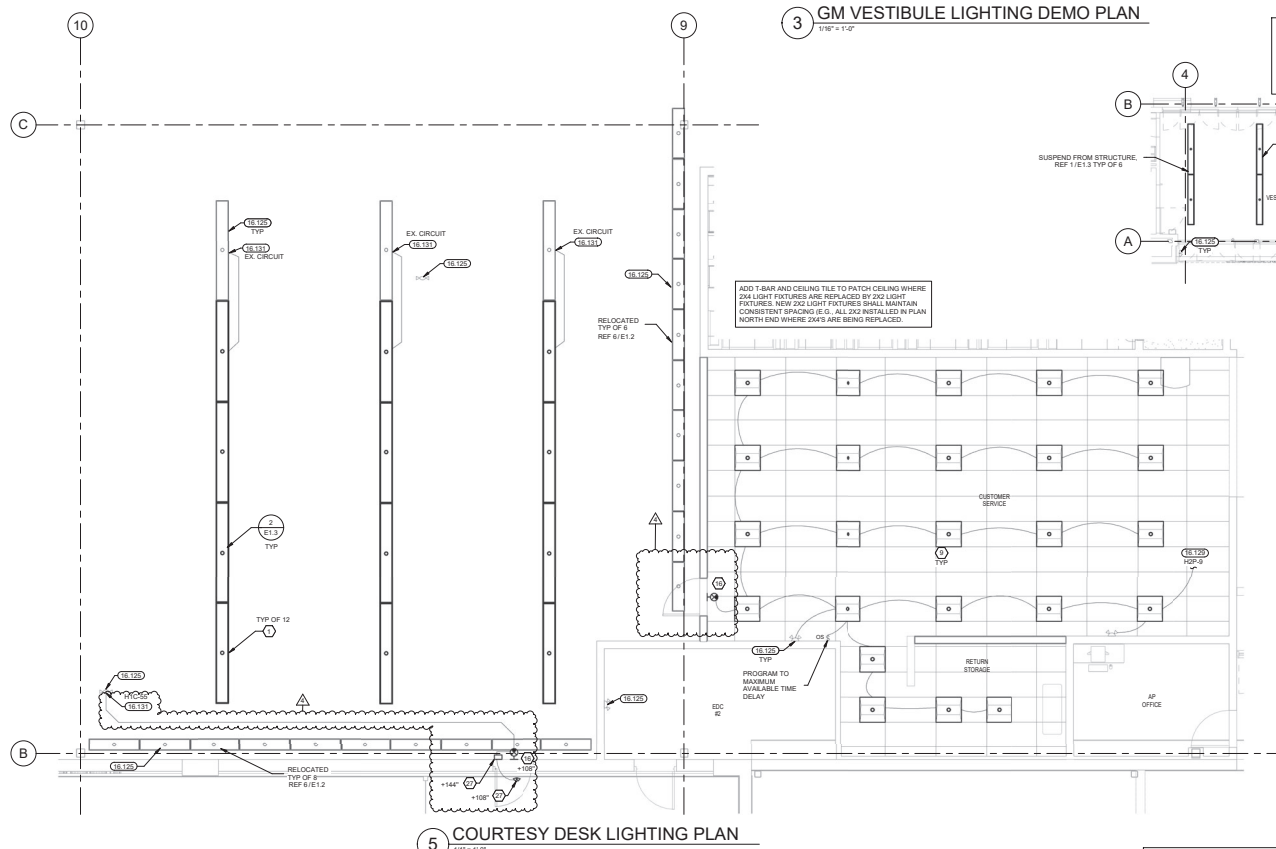
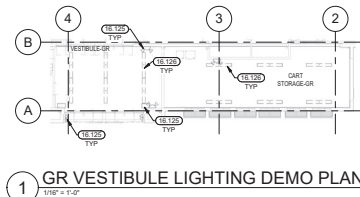
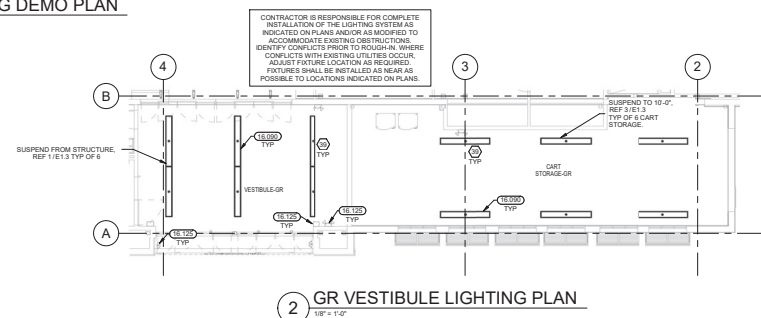
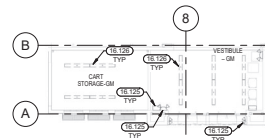
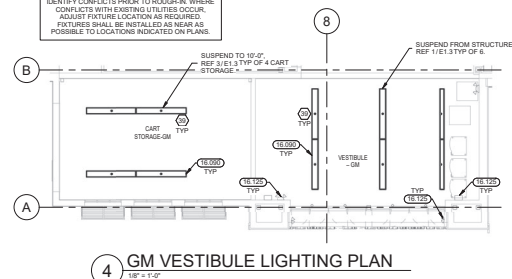
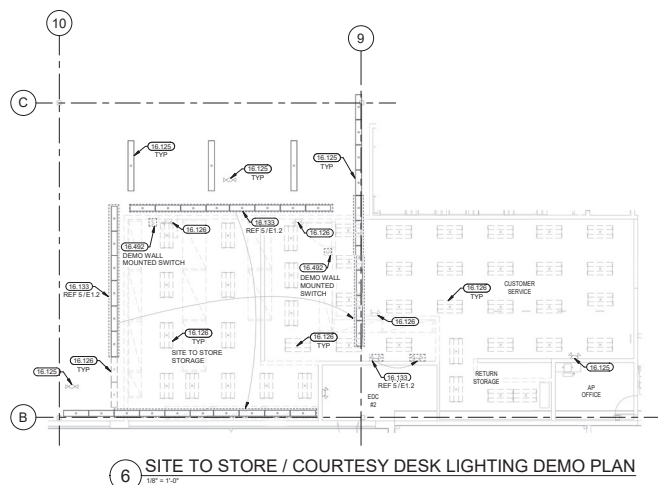
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KEYNOTES

- 16.090 REPLACE EXISTING LIGHT FIXTURES IN THIS AREA WITH TYPE AND QUANTITY INDICATED. CONDUCT TO EXISTING CIRCUITRY AND DISCONNECT AS EXISTING LIGHT FIXTURE BEING REPLACED. RECONNECT TO EXISTING CIRCUITRY AND CONTROLS.
- 16.125 EXISTING LIGHT FIXTURES TO REMAIN UNLESS NOTED OTHERWISE.
- 16.126 EXISTING LIGHT FIXTURE TO BE DEMOLISHED. CONDUCT TO EXISTING CIRCUITRY AND DISCONNECT SERVING AREA LIGHTING THAT WAS REMOVED. RECONNECT TO EXISTING CIRCUITRY AND CONTROLS. PROVIDE CONSTANT HOT TO EXISTING LIGHT FIXTURES.
- 16.131 EXISTING LIGHT FIXTURES TO BE DEMOLISHED. RECONNECT TO EXISTING CIRCUITRY AND CONTROLS.
- 16.133 EXISTING LIGHT FIXTURES TO BE RELOCATED TO EXISTING CIRCUITRY AND CONTROLS.
- 16.492 E.C. SHALL COORDINATE WITH GENERAL CONTRACTOR TO REMOVE EXISTING ELECTRICAL DEMOLITION PLANS THE EXTENT OF ELECTRICAL DEMOLITION. REMOVE EXISTING ELECTRICAL BOILER, CONDOLTS, AND WIRING BACK TO PANELS AND JUNCTION BOXES. REMOVE EXISTING PANELS. RELOCATE PANELS TO REFERENCE PANELS. REFERENCE POWER PLANS FOR PANEL SCHEDULE. REMOVE EXISTING ELECTRICAL AND NOT AFFECT ACTIVE CIRCUITS OF CIRCUIT BE REMOVED. UPDATE THE WAY TO REMOVE CIRCUIT BREAKER AND REPLACE WITH CONDUIT. UPDATE THE WAY TO REMOVE CIRCUIT IDENTIFYING CIRCUIT AS "SPACE" OR "CIRCUIT" REQUIRED TO BE REMOVED. EXISTING CONDUIT REQUIRED TO BE DEMOLISHED. EXISTING CONDUIT REQUIRED TO BE DEMOLISHED.

7007 DISCOVERY BLVD
DUBLIN, OH 43017
614.834.7000 T

WDPARTNERS.COM

[illegible]

CONSULTANTS

Walmart
TROY, MICHIGAN
2001 W MAPLE ROAD, TROY, MICHIGAN, 48064
STORE NO: 2873-111
NUMBER: WALN01038 PHOTO: 150EXP

ISSUE BLOCK

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CHECKED BY:	SG
DRAWN BY:	MD
PROTO CYCLE:	09/30/22
DOCUMENT DATE:	12/13/22

21



DOCUMENTS THAT DO NOT
HAVE THE ARCHITECT OR
ENGINEER OF RECORD SEAL
AND SIGNATURE SHALL BE
CONSIDERED NOT FOR
CONSTRUCTION

ENLARGED
LIGHTING
PLANS

SHEET:
E1.2

*"OW" FIXTURES AND LAMPS ARE FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR. "GC" FIXTURES AND LAMPS ARE FURNISHED AND INSTALLED BY THE CONTRACTOR

LIGHT FIXTURE NOTES (APPLIES TO ALL LIGHT FIXTURES):
A. SUPPORT ALL RECESSED OR LAY-IN LIGHT FIXTURES DIRECTLY FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE, WITH A MINIMUM OF TWO 12-GAUGE STEEL WIRES LOCATED AT DIAGONALLY OPPOSITE CORNERS. FIXTURE SUPPORT WIRES MAY BE SLIGHTLY LOOSE TO ALLOW THE FIXTURE TO SEAT IN THE GRID GRID SYSTEM. ATTACH LIGHT FIXTURES TO THE SUSPENDED CEILING SYSTEM TO RESIST 100 PERCENT OF THE FIXTURE WEIGHT ACTING IN ANY DIRECTION. COMPLETE IN ACCORDANCE WITH APPLICABLE BUILDING CODE REQUIREMENTS.

3 NTS





COMcheck Software Version COMcheckWeb Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: WALNEED138
Project Type: ADDITION

Construction Site:
3001 W MAPLE RD
TROY, MI 48068

Owner/Client:
WALMART

Designer/Contractor:
WD PARTNERS
7007 DISCOVERY BLVD
COLUMBIA, VA 22017

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts
1.VESTIBULE - GM (Common Space Types/Lobby - General)	713	0.50	357
2.CART STORAGE - GM (Common Space Types/Storage)	557	0.63	351
3.VESTIBULE - GR (Common Space Types/Lobby - General)	654	0.50	327
4.CART STORAGE - GR (Common Space Types/Storage)	1125	0.63	709
5.FRONT RESTROOM MEN (Common Space Types/Restrooms)	268	0.56	150
6.FRONT RESTROOM WOMEN (Common Space Types/Restrooms)	362	0.56	203
7.FRONT RESTROOM ALCOVE (Common Space Types/Restrooms)	109	0.56	61
8.REAR RESTROOM ALCOVE (Common Space Types/Restrooms)	260	0.56	145
9.REAR RESTROOM MEN (Common Space Types/Restrooms)	238	0.56	133
10.REAR RESTROOM WOMEN (Common Space Types/Restrooms)	254	0.56	142
11.FAMILY TOILET (Common Space Types/Restrooms)	75	0.56	42
12.MOTHERS ROOM (Common Space Types/Restrooms)	45	0.56	25
13.VISION CENTER ADJUSTMENTS (Retail Sales Area)	109	1.59	173
14.VISION CENTER WAITING (Retail Sales Area)	95	1.59	151
15.VISION CENTER EXAM 1 (Retail Sales Area)	99	1.59	157
16.VISION CENTER RECEPTION (Retail Sales Area)	127	1.59	201
17.COURTNEY DESK (Common Space Types/Office - Open Plan)	636	0.86	548
18.PICKUP/DELIVERY (Common Space Types/Storage)	4079	0.63	2569
19.PICKUP/FREEZER (Common Space Types/Storage)	221	0.63	139
20.PICKUP COOLER (Common Space Types/Storage)	386	0.63	243
21.PHARMACY (Healthcare Facility/Pharmacy)	487	1.68	818
22.HEALTH SERVICE (Healthcare Facility/Pharmacy)	52	1.68	87
23.DELI SERVICE (Common Space Types/Food Preparation)	585	1.21	708
24.PRODUCE AREA (Common Space Types/Storage)	3332	1.59	5292
25.BREAKROOM (Common Space Types/Lounge/Breakroom)	751	0.73	548
26.TRAINING ROOM (Common Space Types/Office - Enclosed)	96	1.11	107
27.FRONT RESTROOM MEN ALCOVE (Common Space Types/Restrooms)	68	0.56	38
28.FRONT RESTROOM WOMEN ALCOVE (Common Space Types/Restrooms)	69	0.56	39
29.VISION CENTER CONTACTS (Retail Sales Area)	103	1.59	164
30.VISION CENTER EXAM 2 (Retail Sales Area)	116	1.59	184
31.VISION CENTER RECORD ROOM (Retail Sales Area)	116	1.59	184
32.VISION CENTER HALLWAY (Common Space Types/Corridor/Transition)	103	0.66	68
33.COURTNEY DESK RETURN (Common Space Types/Storage)	161	0.63	101

Project Title: WALNEED138

Data Filename:

Report date: 02/23/24

Page: 1 of 9

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts
34.BAKERY SALES (Common Space Types/Sales Area)	1679	1.59	2670
35.BAKERY (Common Space Types/Food Preparation)	440	2.21	972
36.SALES AREA (Retail Sales Area)	1207	1.59	1923
37.VISION CENTER SALES AREA (Retail Sales Area)	660	1.59	1049
38.APPAREL DEPARTMENT (Retail Sales Area)	2844	1.59	4521
39.HOME DEPARTMENT (Retail Sales Area)	1092	1.59	1726
40.BABY DEPARTMENT (Retail Sales Area)	607	1.59	968
41.GLAZED CANOPY (Common Space Types/Sales Area)	2471	1.59	3929

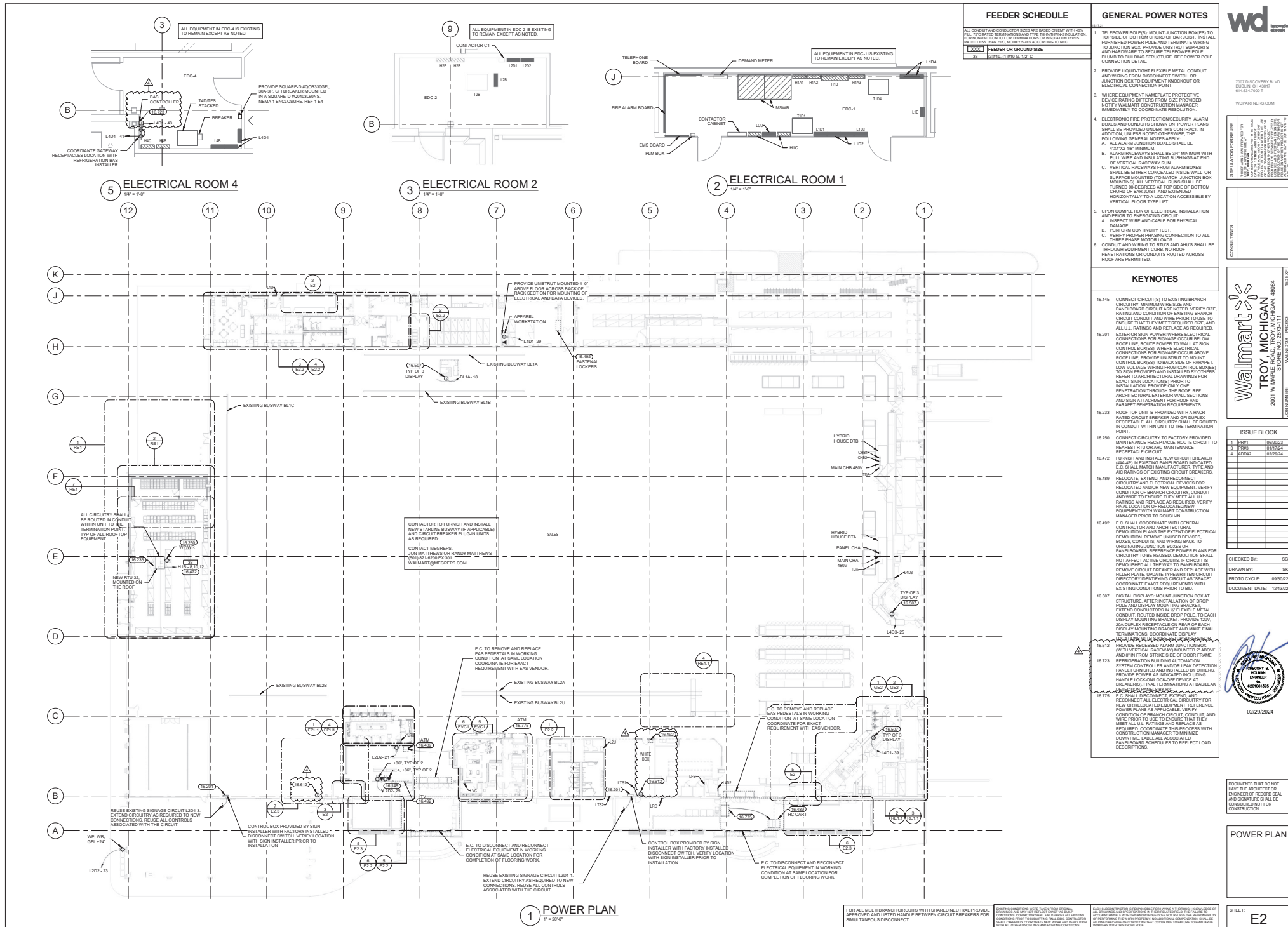
Total Allowed Watts = 36280

Proposed Interior Lighting Power

A Fixture ID / Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture Watt.	D # of Fixture (C X D)
1.VESTIBULE - GM (Common Space Types/Lobby - General)			
LED 1: TYP 39 8' STRIP (18W UPLIGHT) Other	1	6	30
2.CART STORAGE - GM (Common Space Types/Storage)			
LED 1: TYP 39 8' STRIP (18W UPLIGHT) Other	1	4	30
3.VESTIBULE - GR (Common Space Types/Lobby - General)			
LED 1: TYP 39 8' STRIP (18W UPLIGHT) Other	1	6	30
4.CART STORAGE - GR (Common Space Types/Storage)			
LED 1: TYP 39 8' STRIP (18W UPLIGHT) Other	1	6	30
5.FRONT RESTROOM MEN (Common Space Types/Restrooms)			
LED 1: TYP 68R CIRCULAR RECESSED DOWNLIGHT Other	1	10	8
6.FRONT RESTROOM WOMEN (Common Space Types/Restrooms)			
LED 1: TYP 68R CIRCULAR RECESSED DOWNLIGHT Other	1	14	8
7.FRONT RESTROOM ALCOVE (Common Space Types/Restrooms)			
LED 1: TYP 68R CIRCULAR RECESSED DOWNLIGHT Other	1	2	32
8.REAR RESTROOM ALCOVE (Common Space Types/Restrooms)			
LED 1: TYP 68R CIRCULAR RECESSED DOWNLIGHT Other	1	5	32
9.REAR RESTROOM MEN (Common Space Types/Restrooms)			
LED 1: TYP 68R CIRCULAR RECESSED DOWNLIGHT Other	1	9	8
10.REAR RESTROOM WOMEN (Common Space Types/Restrooms)			
LED 1: TYP 68R CIRCULAR RECESSED DOWNLIGHT Other	1	9	8
11.FAMILY TOILET (Common Space Types/Restrooms)			
LED 1: TYP 68R CIRCULAR RECESSED DOWNLIGHT Other	1	2	8
12.MOTHERS ROOM (Common Space Types/Restrooms)			
LED 1: TYP 68R CIRCULAR RECESSED DOWNLIGHT Other	1	1	8
13.VISION CENTER ADJUSTMENTS (Retail Sales Area)			
LED 15: TYP 2 2' X 4' VOLUMETRIC TROFFER Other	1	2	32
LED 16: TYP 2 2' X 4' VOLUMETRIC TROFFER Other	1	1	32
LED 17: TYP 2 2' X 4' VOLUMETRIC TROFFER Other	1	1	32
14.VISION CENTER WAITING (Retail Sales Area)			
LED 15: TYP 2 2' X 4' VOLUMETRIC TROFFER Other	1	2	32
LED 16: TYP 2 2' X 4' VOLUMETRIC TROFFER Other	1	1	32
LED 17: TYP 2 2' X 4' VOLUMETRIC TROFFER Other	1	1	32
15.VISION CENTER EXAM 1 (Retail Sales Area)			
LED 15: TYP 2 2' X 4' VOLUMETRIC TROFFER Other	1	2	32
LED 16: TYP 2 2' X 4' VOLUMETRIC TROFFER Other	1	1	32
LED 17: TYP 2 2' X 4' VOLUMETRIC TROFFER Other	1	1	32
16.VISION CENTER RECEPTION (Retail Sales Area)			

Additional Comments/Assumptions:

Project Title: WALNE0138 Report date: 02/23/24
Data filename: Page 9 of 9



KEYNOTES

16.140
CIRCUITRY. CONDUIT AND EXISTING BRANCH CIRCUITRY. MINIMUM WIRE SIZE AND CONDUIT SIZE SHALL BE BASED ON THE RATING AND CONDITION OF EXISTING BRANCH CIRCUITRY. CONDUIT SHALL BE INSTALLED SUCH THAT THEY MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE.

16.142
POLE POWER POLE. THE POLE SHALL BE POLE ADJUNCT TO THE SCALE STAND AND ON THE STAND. THE POLE SHALL BE THE SAME TYPE OF POWER POLE WITH THE BACK FACE OF THE STAND. DO NOT USE A POLE WITH A FRONT OF SCALE STAND, BEHIND SCALE STAND OR STAND. MAINTAIN CLEARANCE OF 10 FEET FROM SCALE STAND AND 10 FEET FROM SCALE STAND. FURNISH AND INSTALL NEW CIRCUIT BREAKER WITH 100 AMP IN THE STAND. THE STAND SHALL MATCH MANUFACTURER TYPE AND RATING OF EXISTING STAND.


CIRCUITRY AND ELECTRICAL DEVICES FOR RELOCATED AND/OR NEW EQUIPMENT. VERIFY CONDITION OF BRANCH CIRCUITRY. CONDUIT SHALL BE INSTALLED SUCH THAT THEY MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE. RATING AND REPLACE AS REQUIRED. VERIFY THE CONDITION OF RELAY AND CIRCUITRY. EQUIPMENT WITH WALMART CONSTRUCTION SHALL BE REPLACED WITH WALMART CONSTRUCTION.

DISCUSSION

THIS DRUG IS NOW PREPARED FOR THE MARKET AS A 100% WATER-SOLUBLE TABLET. IT IS NOT A PROCTECTIBLE TABLET. THE USE OF THIS DRUG FOR REFERENCE OR COMPARISON ON AN OTHER PRODUCT IS NOT RECOMMENDED. THE DRUG FOR REFERENCE AND THE DRUG FOR COMPARISON ARE NOT IDENTICAL. THE DRUG FOR REFERENCE IS NOT IDENTICAL TO THE DRUG FOR COMPARISON.

CONSULTANTS


TROY, MICHIGAN
 2001 W MAPLE ROAD, TROY MICHIGAN, 48064
 STORE NO: 2873-111
 OR NUMBER: WALNE018 PHOTO 150

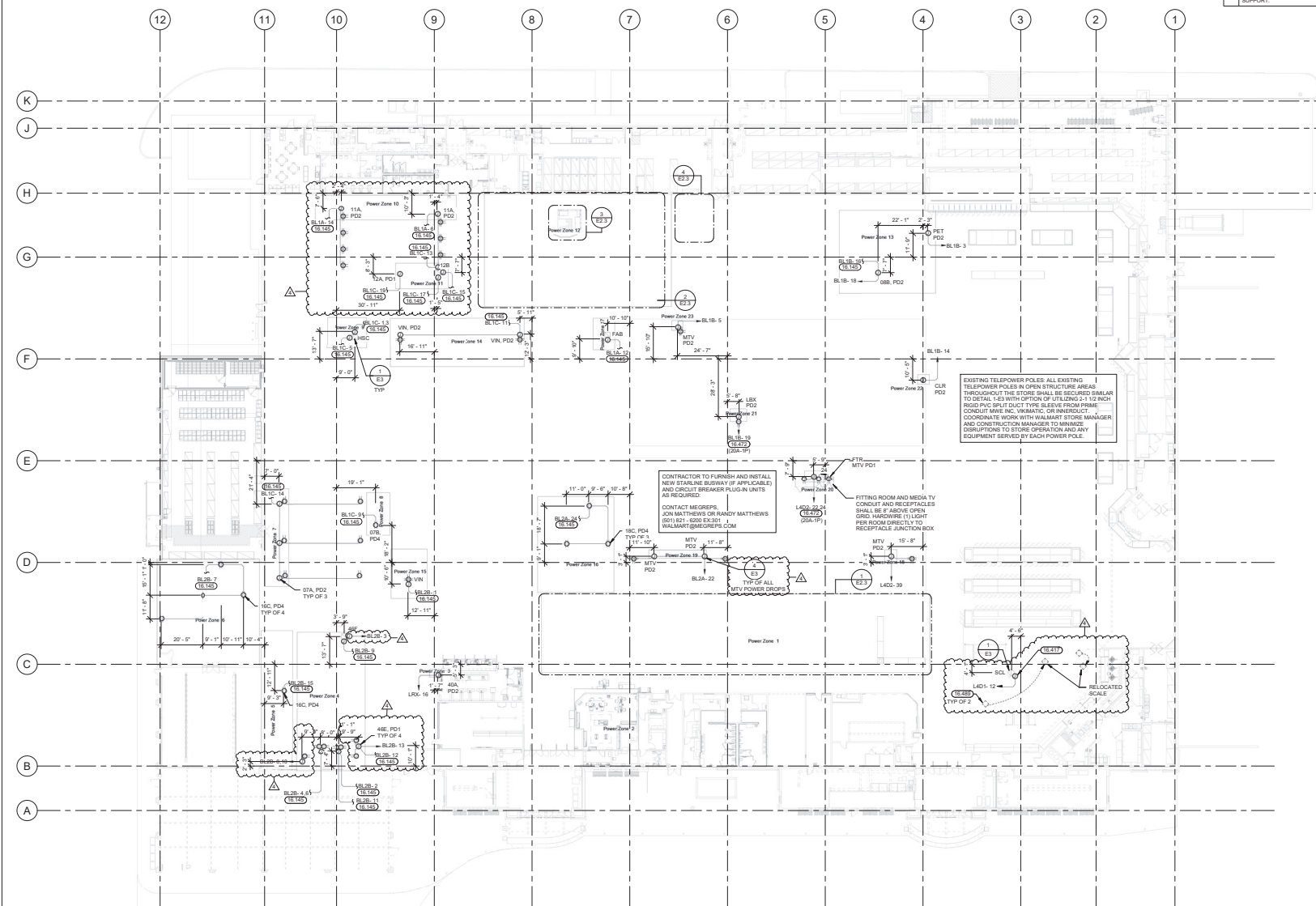
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02/29/2024

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

POWER
DROP PLAN

SHEET
E2.1



1 POWER DROP PLAN

FOR ALL MULTI BRANCH CIRCUITS WITH SHARED NEUTRAL PROVIDE APPROVED AND LISTED HANDLE BETWEEN CIRCUIT BREAKERS FOR SMALL TANGLING DISCONNECT

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISBURSALS AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE HIMSELF WITH THE SPECIFICATION.



SHEET
E2.3

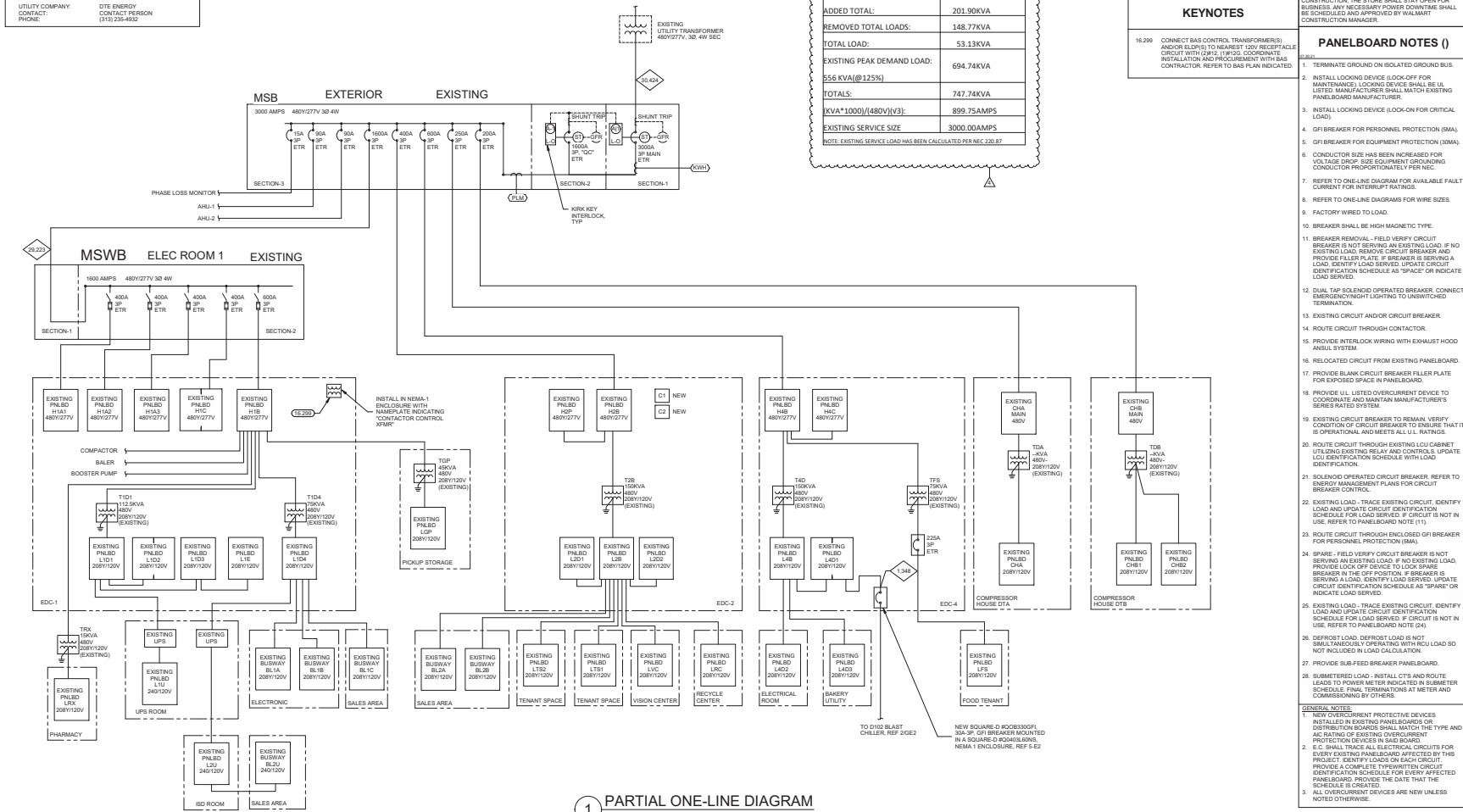
EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

COORDINATE ALL CHANGES TO EXISTING ELECTRICAL SERVICE AND METERING WITH UTILITY COMPANY.	
STORE ADDRESS:	WALMART GENERAL REMODEL 2001 W MAPLE RD - 48284 TROY, USA
UTILITY COMPANY:	DTE ENERGY
CONTACT:	CONTACT PERSON
PHONE:	(313) 235-4932

CONTACTOR SCHEDULE					
LABEL AS SHOWN		ENCLOSURE	COIL VOLTS	CONTACTS	NOTES
N01	LOAD SERVED				
C1	SUSPENDED PRODUCE LIGHTING	NEMA-1	120V	600V 20A-2P	MECHANICALLY HELD
C2	SUSPENDED PRODUCE LIGHTING	NEMA-1	120V	600V 20A-2P	MECHANICALLY HELD
NOTE: E.C. TO FURNISH AND INSTALL CONTACTORS. REFER TO BAS SHEETS FOR CONTROL INFORMATION.					

MSB LOAD SUMMARY	
LOAD TYPE	CONNECTED LOAD
ADDED LIGHTING:	4.55KVA
ADDED HVAC:	0.00KVA
ADDED MISF LOADS:	106.14KVA
ADDED RECEPTACLE LOADS:	82.93KVA
ADDED KITCHEN LOADS:	8.28KVA
ADDED MOTOR LOADS:	0.00KVA
ADDED TOTAL:	201.90KVA
REMOVED TOTAL LOADS:	148.77KVA
TOTAL LOAD:	53.13KVA
EXISTING PEAK DEMAND LOAD: 55.6 KVA(@ 125%)	694.74KVA
TOTALS:	747.74KVA
(KVA*1000)/(480V*(V/3))	899.57AMPS
EXISTING SERVICE SIZE	3000.00AMPS

NOTE: EXISTING SERVICE SIZE HAS BEEN CALCULATED PER NEC 220.87



ARC FLASH

ARC FLASH HAZARD WARNING LABELING REQUIREMENT PER NEC ARE PROVIDED BY OWNER UNDER SEPARATE CONTRACT.

TRANSFORMER

PROVIDE LAMINATED NAMEPLATE FOR ALL TRANSFORMERS WHERE PRIMARY DISCONNECT MEANS IS NOT LOCATED IN SIGHT OF TRANSFORMER. ALL LAMINATED NAMEPLATES SHALL BE POWER AND LOCATION OF DISCONNECTING MEANS.

COORDINATE WITH THE UTILITY COMPANY A MINIMUM OF TWO WEEKS IN ADVANCE OF THE STORE POWER INTERRUPTION, IF STORE IS TO OPEN 24 HOURS PER DAY. ALL STORE POWER INTERRUPTIONS ARE TO BE ACCOMPLISHED AFTER NORMAL STORE BUSINESS HOURS. PROVIDE TEMPORARY POWER AS REQUIRED PER SPECIFICATIONS. INSTALLATION OF NEW EQUIPMENT SHALL BE COMPLETED AND THE POWER SYSTEM TESTED AND RE-ENERGIZED PRIOR TO THE TIME ESTABLISHED BY THE STORE MANAGER AND THE WALMART CONSTRUCTION MANAGER.

20A WIRE SIZING SCHEDULE

ALL WIRE SIZES SHOWN ON PANEL SCHEDULES ARE INTENDED TO BE MINIMUM ACCEPTABLE WIRE SIZE

THE FOLLOWING SCHEDULE IS TO BE USED TO SIZE WIRE FOR 20 AMP CIRCUITS (120 AND 277 VOLT).

120 VOLT	#12	#10	#8	#6
1-5 AMPS	200 FT.	325 FT.	490 FT.	770 FT.
6-10 AMPS	100 FT.	160 FT.	245 FT.	385 FT.
11-15 AMPS	70 FT.	110 FT.	165 FT.	255 FT.

277 VOLT	#12	#10	#8	#6
1-5 AMPS	480 FT.	760 FT.	1170 FT.	1865 FT.
6-10 AMPS	240 FT.	380 FT.	585 FT.	930 FT.
11-15 AMPS	160 FT.	250 FT.	390 FT.	620 FT.

KEYNOTES

16.299 CONNECT BAS CONTROL TRANSFORMER(S) AND/OR ELDP(S) TO NEAREST 120V RECEPT CIRCUIT WITH (2)#12, (1)#12G. COORDINATE INSTALLATION AND PROCUREMENT WITH BAS CONTRACTOR. REFER TO BAS PLAN INDICA

POWER INTERRUPTION NOTE

COORDINATE ALL WORK THAT REQUIRES POWER INTERRUPTIONS TO THE STORE WITH THE STORE MANAGER AND THE WALMART CONSTRUCTION MANAGER. A MINIMUM OF 48 HOURS IN ADVANCE OF ALL STORE POWER INTERRUPTIONS. IN ADDITION, IF THE MAIN ELECTRICAL SWITCHGEAR REQUIRES WORK AND DOES NOT HAVE A MAIN SERVICE DISCONNECTING MEANS, COORDINATE WITH THE UTILITY COMPANY A MINIMUM OF TWO WEEKS IN ADVANCE OF THE STORE POWER INTERRUPTION. IF STORE IS NOT OPEN 24 HOURS PER DAY, ALL STORE POWER INTERRUPTIONS ARE TO BE ACCOMPLISHED AFTER NORMAL STORE BUSINESS HOURS. PROVIDE TEMPORARY POWER AS REQUIRED PER SPECIFICATIONS. INSTALLATION OF NEW EQUIPMENT SHALL BE COMPLETED AND THE POWER SYSTEM TESTED AND RE-EQUIPPED AS REQUIRED AND PUBLISHED BY THE STORE MANAGER AND THE WALMART CONSTRUCTION MANAGER.

ONE-LINE DIAGRAM LEGEND

11.08.10

—————	NEW EQUIPMENT
—————	EXISTING EQUIPMENT
- - - - -	EQUIPMENT TO BE DEMOLISHED

NOTE:
ALL OF THE ELECTRICAL DEVICES SHOWN ON THE RISER
DIAGRAM ARE EXISTING AND ARE BASED UPON AS-BUILT
DRAWINGS. E.C. SHALL VERIFY THE EXACT EXISTING
CONDITIONS, SIZES AND LOCATIONS OF EQUIPMENT
PRIOR TO ROUGH-IN. THIS RISER IS SHOWN FOR
INFORMATIONAL PURPOSES ONLY AND ANY NEW
DEVICES ARE SHOWN IN BOLD AND ARE NOTED. DURING
CONSTRUCTION, THE STORE SHALL STAY OPEN FOR
BUSINESS. ANY NECESSARY POWER DOWNTIME SHALL
BE SCHEDULED AND APPROVED BY WALMART
CONSTRUCTION MANAGER.

PANEL BOARD NOTES (I)

1. TERMINATE GROUND ON ISOLATED GROUND BUS

1. INSTALL LOGGING DEVICE (LOOK-UP FOR CRITICAL LOAD)
2. INSTALL MANUFACTURER SLANT MATCH EXISTING CONDUCTOR
3. INSTALL LOGGING DEVICE (LOOK-UP FOR CRITICAL LOAD)
4. GFI BREAKER FOR PERSONNEL PROTECTION (SMA)
5. GFI BREAKER FOR EQUIPMENT PROTECTION (SMA)
6. CONDUCTOR SIZE HAS BEEN INCREASED FOR EXISTING EQUIPMENT (SEE EQUIPMENT LOGGING CONDUCTOR PROPORTIONATELY) PER NEC
7. REFER TO ONE-LINE DIAGRAMS FOR AVAILABLE FAULT CURRENTS
8. REFER TO ONE-LINE DIAGRAMS FOR WIRE SIZES
9. FACTORY WIRE TO LOAD
10. BREAKER SHALL BE HIGH MAGNETIC TYPE
11. BREAKER REMOVAL: FIELD VERIFY CIRCUIT BREAKER IS BEING REMOVED FROM EXISTING LOAD; NO EXISTING LOAD. REMOVE CIRCUIT BREAKER AND DISCONNECT FROM EXISTING LOAD. RE-TEST EXISTING LOAD. SERVICE LOAD. UPDATE CIRCUIT IDENTIFICATION SCHEDULE WITH LOAD IDENTIFICATION
12. DUAL TAP SOLIDCUT OVERCURRENT BREAKER. CONNECT TO EXISTING LOAD. TERMINATION
13. EXISTING CIRCUIT BREAKER TO REMAIN
14. RE-TEST EXISTING CIRCUIT BREAKER
15. PROVIDE INTERLOCK WIRING WITH EXISTING HOOD ANUL SYSTEM
16. RELOCATED CIRCUIT FROM EXISTING PANELBOARD
17. PROVIDE BLANK CIRCUIT BREAKER FILLER PLATE FOR EXPOSED SPACE IN PANELBOARD
18. PROVIDE UL LISTED OVERCURRENT DEVICE TO COORDINATE AND MAINTAIN MANUFACTURER'S SYSTEM
19. EXISTING CIRCUIT BREAKER TO REMAIN
20. RELOCATE CIRCUIT BREAKER TO INSURE THAT CIRCUIT BREAKER AND METALS ARE NOT OVERLOADED
21. EXISTING CIRCUIT BREAKER TO REMAIN
22. RELOCATE CIRCUIT BREAKER TO INSURE THAT CIRCUIT IDENTIFICATION SCHEDULE WITH LOAD IDENTIFICATION
23. SOLIDCUT OVERCURRENT BREAKER. UPDATE TO ENERGY MANAGEMENT PLANS FOR CIRCUIT BREAKER
24. EXISTING LOAD - TRAC EXISTING CIRCUIT. IDENTIFY LOAD. UPDATE CIRCUIT IDENTIFICATION SCHEDULE WITH LOAD IDENTIFICATION
25. EXISTING LOAD - TRAC EXISTING CIRCUIT. IDENTIFY LOAD. UPDATE CIRCUIT IDENTIFICATION SCHEDULE WITH LOAD IDENTIFICATION
26. SPARE - FIELD VERIFY CIRCUIT BREAKER IS NOT SERVING AN EXISTING LOAD. IF EXISTING LOAD, IDENTIFY LOAD. UPDATE CIRCUIT IDENTIFICATION SCHEDULE FOR LOAD SERVICE
27. SPARE - FIELD VERIFY CIRCUIT BREAKER IS SERVING A LOAD. IDENTIFY LOAD SERVICE. UPDATE CIRCUIT IDENTIFICATION SCHEDULE WITH LOAD IDENTIFICATION
28. DEFERRIST LOAD - DEFERRIST LOAD IS NOT SIMULTANEOUSLY OPERATING WITH RCU LOAD SO NO DEFERRIST LOAD CALCULATION
29. PROVIDE SUB-FEED BREAKER PANELBOARD

GENERAL NOTES:

1. NEW OVERCURRENT PROTECTIVE DEVICES INSTALLED IN EXISTING PANELBOARDS OR DISTRIBUTION BOARDS SHALL MATCH THE TYPE AND RATING OF EXISTING OVERCURRENT PROTECTION DEVICES IN SAID BOARD.
2. E.C. SHALL TRACE ALL ELECTRICAL CIRCUITS FOR EVERY EXISTING PANELBOARD AFFECTED BY THIS PROJECT. IDENTIFY LOADS ON EACH CIRCUIT. PROVIDE A COMPLETE TYPEWRITTEN CIRCUIT IDENTIFICATION SCHEDULE FOR EVERY AFFECTED PANELBOARD. PROVIDE THE DATE THAT THE SCHEDULE IS CREATED.
3. ALL OVERCURRENT DEVICES ARE NEW UNLESS NOTED OTHERWISE.

[illegible]



CONSULTANTS

ISSUE BLOCK		
3	PR#3	01/17/24
4	ADD#2	02/29/24

CHECKED BY:	SO
DRAWN BY:	MD
PROTO CYCLE:	09/30/22
DOCUMENT DATE:	12/13/22

02/29/2024

PANELBOARD
SCHEDULES

SHEET:
F4.1

[illegible]

Ex. Busway: BL2U													
Location: SALES 100					Volls: 240/120			A.I.C. Rating: 10A					
Supply From: L3U					Phase: 1			Maina Type: MLO					
Mounting: Enclosure:					Wires: 3			Maina Rating: 100A					
								MCB Rating:					
Notes:													
CKT	Notes	Circuit Description	P	CB	A kVA	B kVA	C kVA	AMP	CB	P	Circuit Description	Notes	CKT
1	240V	FRONT CHECKOUTS	~	~	0.00	0.25		2.2	~	~	FRONT CHECKOUTS	~	2
2	240V	FRONT CHECKOUTS	~	~	0.00	0.25	0.75	0.0	~	~	FRONT CHECKOUTS	~	4
3	240V	FRONT CHECKOUTS	~	~	0.00	0.25		2.2	~	~	FRONT CHECKOUTS	~	6
4	240V	FRONT CHECKOUTS	~	~	0.00	0.25	0.75	0.0	~	~	FRONT CHECKOUTS	~	8
5	240V	FRONT CHECKOUTS	~	~	0.00	0.25		2.2	~	~	FRONT CHECKOUTS	~	10
6	240V	FRONT CHECKOUTS	~	~	0.00	0.25	0.75	0.0	~	~	FRONT CHECKOUTS	~	12
7	240V	FRONT CHECKOUTS	~	~	0.00	0.25		2.2	~	~	FRONT CHECKOUTS	~	14
8	240V	FRONT CHECKOUTS	~	~	0.00	0.25	0.75	0.0	~	~	FRONT CHECKOUTS	~	16
9	240V	FRONT CHECKOUTS	~	~	0.00	0.25		2.2	~	~	FRONT CHECKOUTS	~	18
10	240V	FRONT CHECKOUTS	~	~	0.00	0.25	0.75	0.0	~	~	FRONT CHECKOUTS	~	20
11	240V	FRONT CHECKOUTS	~	~	0.00	0.25		2.2	~	~	FRONT CHECKOUTS	~	22
					Phase A: 0.50 kVA		7.7 A						
					Phase B: 1.50 kVA		11.0 A						
					Phase C: 0.50 kVA		6.6 A						
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals				
Receptacle			2244 VA		100.00%		2244 VA		Total Conn. Load: 2,244 kVA				
									Total Est. Demand: 2,244 kVA				
									Total Conn. Load: 2,244 kVA				
									Total Est. Demand: 2,244 kVA				
									Total Conn. Demand: 2,244 kVA				
									Total Est. Demand: 2,244 kVA				
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									Total Conn. Demand: 2,244 kVA				
									Total Est. Demand: 2,244 kVA				
									Total Conn. Demand: 2,244 kVA				
									Total Est. Demand: 2,244 kVA				

17	19	PRODUCER LTD	1	20	4.3			1.19	3.24			PARKING LOT LTG	13	10		
17	19	PRODUCER LTD	1	20	4.3	1.21	3.24					PARKING LOT LTG	13	10		
25	19	PRODUCE LTD	1	20	3.9			1.50	2.15							
25	19	PRODUCE LTD	1	20	3.9											
25	19	APPAREL DEPT LIGHTING(S)	1	20	8.7	2.40										
25	19	APPAREL DEPT LIGHTING(S)	1	20	8.7			2.40								
25	19	APPAREL DEPT LIGHTING(S)	1	20	6.1				1.40							
25	19	HOME DEPT LIGHTING(S)	1	20	6.5	1.80										
31	19	HOME DEPT LIGHTING(S)	1	20	6.5											
31	19	HOME DEPT LIGHTING(S)	1	20	6.5											
31	19	HOME DEPT LIGHTING(S)	1	20	6.5											
37	19	FEASE	1	20												
					Phase A:		21.93 kVA	30.8 A								
							Phase B:	21.89 kVA	30.8 A							
							Phase C:	22.03 kVA	30.8 A							
Load Classification			Connected Load			Demand Factor			Estimated Demand			Panel Totals				
Lighting -			6268 VA			125.00%			78309 VA			Total Conn. Load: 62 688 kVA				
												Total Est. Demand: 78 309 kVA				
												Total Conn.: 73 A				
												Total Est. Demand: 104 A				

REFER TO SHEET E4 FOR PANELBOARD NOTES

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER CONTRACTORS.

<p>THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE CONTRACTOR SHALL ACQUAINT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE CONTRACTOR OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO MAINTAIN ADEQUATE KNOWLEDGE.</p>
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[illegible]

Ex. Panel: L4D1														
Location: ESC #4-403				Vault: 20991720				A/C Rating: 10RA						
Supply From:				Phase(s): 3				Main(s) Type: MCS						
Mounting: Surface				Wire(s): 4				Main(s) Rating: 200A						
Enclosure: NEMA 1								MCB Rating: 200A						
Notes:														
CKT	Notes	Circuit Description	P	CB	AMP	A kVA	B kVA	C kVA	AMP	CB	P	Circuit Description	Notes	CKT
1	1	BLK DETECTOR	3	3	0.61	0.18			15			BLK RECEPTACLE	1	2
1	3	GRN 240V 1PH 100A RECEPT	7.5				0.90	1.68	13.8			GRN 240V 1PH 100A RECEPT	1	4
1	5	GRN 240V 1PH 100A RECEPT	7.5				0.90	1.68	13.8			GRN 240V 1PH 100A RECEPT	1	5
1	7	GRN 240V 1PH 100A RECEPT	7.5		0.90	0.38			13.8			GRN 240V 1PH 100A RECEPT	1	8
1	9	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.54	13.8			GRN 240V 1PH 100A RECEPT	1	9
1	11	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	10
1	13	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	11
1	15	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	12
1	17	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	13
1	19	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	14
1	21	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	15
1	23	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	16
1	25	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	17
1	27	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	18
1	29	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	19
1	31	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	20
1	33	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	21
1	35	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	22
1	37	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	23
1	39	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	24
1	41	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	25
1	43	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	26
1	45	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	27
1	47	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	28
1	49	GRN 240V 1PH 100A RECEPT	7.5				0.42	0.18	13.8			GRN 240V 1PH 100A RECEPT	1	29
1	51	GRN 240V 1PH 100A RECEPT	7.5											

Ex. Panel: LRX

Location: PHARMACY TOILET 301

Supply From: TRX

Mounting: Flush

Enclosure: NEMA 1

Voltage: 208V/120

Phase 3: 3

Wires: 4

A.I.C. Rating: 100A

Maine Type: MFD

Maine Rating: 100A

MCB Rating:

Notes:

CKT	Notes	Circuit Description	P	C	AMP	A VA	B VA	C VA	AMP	C P	Circuit Description	Notes	CKT				
1			2.2	0.20	1.50				12.5		FRONT COUNTER RECEPTACLES		2				
2		HEALTHY WEIGHT SCALE				7.5			10.0		FRONT COUNTER RECEPTACLES		4				
3		HEALTHY WEIGHT SCALE				7.5		0.30	1.50	42.5	FRONT COUNTER RECEPTACLES		5				
4		HEALTHY WEIGHT SCALE	5.7	0.68	1.40	0.68	1.50				FRONT COUNTER RECEPTACLES		6				
5		HEALTHY WEIGHT SCALE	5.7					0.68	1.50	42.5	FRONT COUNTER RECEPTACLES		7				
6		HEALTHY WEIGHT SCALE	5.7					0.68	1.50	42.5	FRONT COUNTER RECEPTACLES		8				
7		PILL COUNTERS	6.0	0.72	0.60				1.5				10				
8		PILL COUNTERS	6.0				2.93	0.15	1.5				11				
9		PILL COUNTERS	6.0						1.5				12				
10		PILL COUNTERS	6.0						1.5				13				
11		KEYCARD READER	1.20	0.5	0.15			0.06	0.38	1.5	KEYCARD READER		18				
12		CHANGING UNIT	1.20	0.15		0.18	0.06			1.20	KEYCARD READER		19				
13		HEALTHY COMPUTER	1.20	0.15				0.18	0.38	1.20	KEYCARD READER		20				
						Phase A: 5.70 KVA	48.5 A										
						Phase B: 7.14 KVA	62.5 A										
						Phase C: 5.11 KVA	42.5 A										
										Panel Totals							
Load Classification						Connected Load			Demand Factor			Estimated Demand			Panel Totals		
Lighting:						124 VA			125.000%			189 VA					
Receptacle:						8070 VA			100.000%			40270 VA			Total Conn. Load		
						13160 VA			87.95%			11580 VA			Total Est. Demand		
															Total Conn. Load		
															Total Est. Demand		

Notes:

Ex. Panel: L2D2										A.I.C. Rating: 150A			
Location: EDC 80 122										Maine Type: 1C3			
Supply From:										Maine Rating:			
Mounting: Surface										MCR Rating: 225A			
Enclosure: NEMA 1													
Notes:													
OKT	Notes	Circuit Description	P	CB	AMP	A kVA	B kVA	C kVA	AMP	CB	Circuit Description	Notes	OKT
1	13	DE-DRYER-DRYER	1	30	5.3	1.56			13.0		DE-DRYER-DRYER		2
1	14	DE-DRYER-HEATERS	1	30			0.36	1.18			DE-DRYER-HEATERS (1)		4
1	15	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (2)		4
1	16	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (3)		4
1	17	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (4)		4
1	18	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (5)		4
1	19	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (6)		4
1	20	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (7)		4
1	21	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (8)		4
1	22	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (9)		4
1	23	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (10)		4
1	24	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (11)		4
1	25	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (12)		4
1	26	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (13)		4
1	27	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (14)		4
1	28	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (15)		4
1	29	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (16)		4
1	30	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (17)		4
1	31	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (18)		4
1	32	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (19)		4
1	33	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (20)		4
1	34	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (21)		4
1	35	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (22)		4
1	36	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (23)		4
1	37	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (24)		4
1	38	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (25)		4
1	39	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (26)		4
1	40	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (27)		4
1	41	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (28)		4
1	42	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (29)		4
1	43	DE-DRYER-HEATERS	1	30				0.36	1.18		DE-DRYER-HEATERS (3		

<div> <div> EX Panel: L402 Location: ELECTRICAL 408 Supply From: Metering: Flush Enclosure: NEMA 1 </div> <div> Volts: 208Y/120 Phases: 3 Wires: 4 </div> <div> A.I.C. Rating: 10kA Main Type: MLO Main Rating: 125A MCB Rating: </div> </div>														
CRKT	Notes	Circuit Description	P	C	AMP	A WVA	B WVA	C WVA	AMP	C	CB	Circuit Description	Notes	CRKT
1	19	COUL OVERHEAD	5.0	0.50	1.87	—	—	—	—	—	—	—	—	3
2	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	4
3	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
4	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
5	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
6	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
7	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
8	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
9	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
10	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
11	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
12	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
13	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
14	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
15	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
16	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
17	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
18	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
19	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
20	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
21	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
22	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
23	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
24	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
25	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
26	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
27	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
28	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
29	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
30	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8
31	19	COUL OVERHEAD	5.0	0.50	1.87	0.60	1.87	19.0	19	2	125	ICE MAKER	19	8</

Ex. Panel: LVC										Date: 2007/12/01		A.I.C. Rating: 10KA													
Location: ADJUSTMENTS 701										Phase: 3		Maine Type: HCL													
Supply From:										Wires: 4		Maine Rating: 100A													
Mounting: Flush												MCR Rating:													
Endnote: NEMA 1																									
Notes:																									
OKT	Notes	Circuit Description	P	CB	AMP	A kVA	B kVA	C kVA	AMP	CB	P	Circuit Description	Notes	OKT											
1		120V RECEPT			10.5	1.26	1.34		4.5			120V RECEPTABLES	2												
2		FRAME WARMER			1.5	0.28	0.30		6.0			FRAME WARMER	4												
3		UNDER CABINET LIGHT			0.5	0.03	0.12		10.0			UNDER CABINET LIGHT	10												
4		FLUO WELD			6.0		0.72	0.72	1.08	0.70		CRUI MONITOR	11												
11		CASH WRAPS			5.8	0.76	0.82		0.70	0.40	3.3	FRAME WARMER	8												
12		CASH WRAPS			5.8	0.76	0.82		0.70	0.40	3.3	RECEPABLES	13												
13		120V RECEPT			0.5	0.03	0.12		4.5			UP LIGHTS / PENDANT LIGHTS	12												
14		120V RECEPT			0.5	0.03	0.12		4.5			UP LIGHTS / PENDANT LIGHTS	14												
15		120V RECEPT			0.5	0.03	0.12		1.08	1.08	9.0	CRUI MONITOR	15												
19	19	CRUI MONITOR			5.8	0.76	2.20		16.7			CRUI MONITOR	20												
21		11 SPARE			--	--	0.00	--	--			CRUI MONITOR	21												
23	23	11 SPARE			--	--	0.00	--	--			CRUI MONITOR	24												
25		CRUI MONITOR			--	--	0.00	--	--			CRUI MONITOR	25												
26		CRUI MONITOR			--	--	0.00	--	--			CRUI MONITOR	26												
27		CRUI MONITOR			--	--	0.00	--	--			CRUI MONITOR	27												
28		CRUI MONITOR			--	--	0.00	--	--			CRUI MONITOR	28												
29		CRUI MONITOR			--	--	0.00	--	--			CRUI MONITOR	29												
30		CRUI MONITOR			--	--	0.00	--	--			CRUI MONITOR	30												
<table><tr><td colspan="2">Phase A: 6.90 kVA</td><td colspan="2">56.0 A</td></tr><tr><td colspan="2">Phase B: 4.23 kVA</td><td colspan="2">35.0 A</td></tr><tr><td colspan="2">Phase C: 5.04 kVA</td><td colspan="2">43.0 A</td></tr></table>														Phase A: 6.90 kVA		56.0 A		Phase B: 4.23 kVA		35.0 A		Phase C: 5.04 kVA		43.0 A	
Phase A: 6.90 kVA		56.0 A																							
Phase B: 4.23 kVA		35.0 A																							
Phase C: 5.04 kVA		43.0 A																							
Panel Totals																									
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals																	
Lighting:		1550 VA		125.00%		1710 VA		Total Core Load: 16.248 kVA																	
Receptacles:		7850 VA		100.00%		7850 VA		Total Est. Demand: 18.500 VA																	
		7850 VA		100.00%		7850 VA		Total Core: 16.5 A																	
								Total Est. Demand: 46 A																	

Ex. Panel: L2

Location: 100-448

Volts: 240/120

A.I.C. Rating: 10KA

Supply From:

Phase(s): 1

Main(s) Type: MLC

Mounting: Surface

Wire(s): 3

Main(s) Rating: 100A

Enclosure: NEMA 1

MCB Rating:

Notes:

OKT	Notes	Circuit Description	P	B	AMP	A WVA	B WVA	AMP	B P	Circuit Description	Notes	OKT
1	11	ALU1	100	0.4	0.50	0.35	10	0.5	0.5	RECEPTACLES	11	2
5	10	DATA SYSTEMS GROUP	100	0.4	0.50	0.35	10	0.5	0.5	COURTESY CABIN TRAP	11	4
5	10	DATA SYSTEMS GROUP	100	0.4	0.50	0.35	10	0.5	0.5	COURTESY CABIN TRAP	11	6
5	11	SPACE	100	1.0	0.50	0.50	0.10	0.50	1.0	SPACE	11	10
11	11	SPACE	--	--	--	--	--	--	--	SPACE	11	10
13	11	SPACE	--	--	--	--	--	--	--	SPACE	11	14
15	11	SPACE	--	--	--	--	--	--	--	SPACE	11	16
17	11	SPACE	--	--	--	--	--	--	--	SPACE	11	18
19	11	SPACE	--	--	--	--	--	--	--	SPACE	11	20
21	11	SPACE	--	--	--	--	--	--	--	SPACE	11	22
23	11	SPACE	--	--	--	--	--	--	--	SPACE	11	24
Phase A: 1.58 kVA						Phase B: 2.23 kVA						
Phase B: 2.23 kVA						Phase C: 0.00 kVA						
Phase C: 0.00 kVA												
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals			
MISC:			690 VVA		100.00%		690 VVA		Total Conn. Load: 2.804 kVA			
Receptacle:			3144 VA		100.00%		3144 VA		Total Est. Demand: 2.804 kVA			
									Total Conn.: 16.8			
									Total Est. Demand: 10.6			

Ex. Panel: L43

Location: BARGERY UTILITY 004

Supply From:

Mounting: Flush

Enclosure: NEMA 1

Volts: 208Y/120

Phase: 3

Wires: 4

A.I.C. Rating: 10kA

Maine Type: NLO

Maine Rating: 225A

MCB Rating:

Notes:

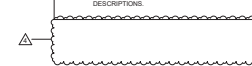
CKT	Notes	Circuit Description	P	CB	AMP	A kVA	B kVA	C kVA	AMP	CB	P	Circuit Description	Notes	CKT
1	16	200V 500T BARK HOUSE	--		6.0	0.74	0.33	--	--			200V RACK OPEN	1	2
3	16	200V RECEPTION	--		6.0	0.74	0.33	--	4.4	25		200V RACK OPEN	1	4
5	16	200V 200V 200V 200V	--		3.0	--	--	1.16	0.51	--		200V RACK OPEN	1	6
7	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	8
9	16	200V 200V 200V 200V	--		3.0	--	--	1.16	0.51	--		200V RACK OPEN	1	10
11	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	12
13	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	14
15	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	16
17	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	18
19	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	20
21	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	22
23	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	24
25	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	26
27	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	28
29	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	30
31	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	32
33	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	34
35	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	36
37	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	38
39	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	40
41	16	200V 200V 200V 200V	--		3.0	0.43	1.69	3.43	1.33	--		200V RACK OPEN	1	42
<div> <div>Phase A: 8.55 kVA, 75.0 A</div> <div>Phase B: 9.93 kVA, 85.0 A</div> <div>Phase C: 7.20 kVA, 60.0 A</div> </div>														

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	1800 VA	75.00%	1350 VA	Total Gross Load: 25.48 kVA
MISC:	21270 VA	100.00%	21270 VA	Total Est. Demand: 25.78 kVA
Receptacle:	2880 VA	100.00%	2880 VA	Total Gross: 11 A
				Total Est. Demand: 12 A

Notes:

Ex. Panel: LQP										Voltage: 208Y/120		A.I.C Rating: 100A																															
Location: PICKUP STORAGE 946										Phase: 3		Maine Type: MCB																															
Supply From: TGP										Wiring: 4		Maine Rating: MCB Rating: 175A																															
Mounting Surface																																											
Enclosure: NEMA-1																																											
Notes:																																											
CKT	Notes	Circuit Description	P	CB	AMP	A kVA	B kVA	C kVA	AMP	CB	P	Circuit Description	Notes	CKT																													
1		MANAGER STATION			6.0	0.72	1.80		5.0			COOLING DOOR		2																													
1		PRINTER			8.7		0.86	0.00				SPACE		24																													
1		ALARMONE DOOR			5.0							SPACE		25																													
1		INSECT CONTROL UNIT			1.9	0.18	0.18		1.8			COOLER DOOR HEATER & HEAT TRAP		18																													
1		ICU MAIN DOOR					1.80	0.00				SPACE		2																													
2		FREEZER DEFROST, FAN CONTROLLER	3	20	14.2	1.71	0.15		1.71	0.08	1.5	ICU COOLER DEFROST RECEPTACLE		14																													
2		FREEZER DEFROST, FAN CONTROLLER	3	20	14.2	1.71	0.15		1.71	0.08	1.5	SPACE		24																													
2		FREEZER DEFROST, FAN CONTROLLER	3	20	14.2	1.71	0.15		1.71	0.08	1.5	WASTE PUMP		39																													
2		COOLER DEFROST, FAN CONTROLLER	2	30	23.6	2.35	0.00		2.35	0.08	1.5	SPACE		24																													
2		COOLER DEFROST, FAN CONTROLLER	2	30	23.6	2.35	0.00		2.35	0.08	1.5	SPACE		25																													
2		ICU-1	4	35	23.0	2.77	2.80		2.77	2.80	21	ICU-2		2																													
2		PICKUP COOLER (FREEZER) LYS	1	20	13.0	1.5	0.18	1.92			18	ICU-3		2																													
2		PICKUP STORAGE LYS	1	20	11.3									34																													
2		SFS PACKSTATION	1	20	12.0	1.44	1.62							38																													
21		SPACE										SPACE		42																													
						Phase A: 16.58 kVA	135.8 A					SPACE		42																													
						Phase B: 13.57 kVA	113.1 A																																				
						Phase C: 15.98 kVA	127.8 A																																				
<table><tr><th>Load Classification</th><th>Connected Load</th><th>Demand Factor</th><th>Estimated Demand</th><th>Panel Totals</th></tr><tr><td></td><td>169.0 VA</td><td>127.0%</td><td>133.1 VA</td><td></td></tr><tr><td>MISC.</td><td>22005 VA</td><td>100.00%</td><td>22005 VA</td><td>Total Gen. Load: 45.107 kVA</td></tr><tr><td>Receptacles:</td><td>21502 VA</td><td>73.25%</td><td>15761 VA</td><td>Total Est. Demand: 53.701 kVA</td></tr><tr><td></td><td></td><td></td><td></td><td>Total Gen.: 120 A</td></tr><tr><td></td><td></td><td></td><td></td><td>Total Est. Demand: 110 A</td></tr></table>														Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals		169.0 VA	127.0%	133.1 VA		MISC.	22005 VA	100.00%	22005 VA	Total Gen. Load: 45.107 kVA	Receptacles:	21502 VA	73.25%	15761 VA	Total Est. Demand: 53.701 kVA					Total Gen.: 120 A					Total Est. Demand: 110 A
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals																																							
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Notes:																																											

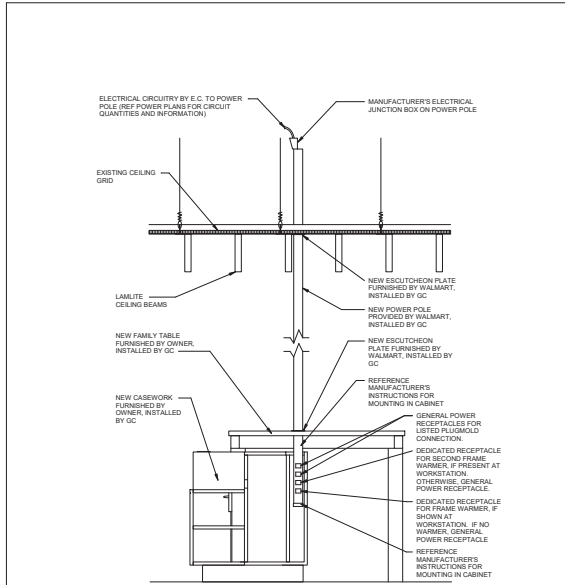
<p>EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE WITH WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.</p>	<p>EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL EXISTING CONDITIONS, ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE F.A. CONTRACTOR AGREEING WITH THIS KNOWLEDGE DOES NOT RELIEVE THE F.A. CONTRACTOR OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR ANY ADDITIONAL WORK THAT OCCURS DUE TO FAILURES OF THE CONTRACTOR TO OBTAIN THE NECESSARY KNOWLEDGE OF THE WORKINGS WITH THIS KNOWLEDGE.</p>
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PHARMACY
ELECTRICAL
PLAN

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

SHEET
EPH1

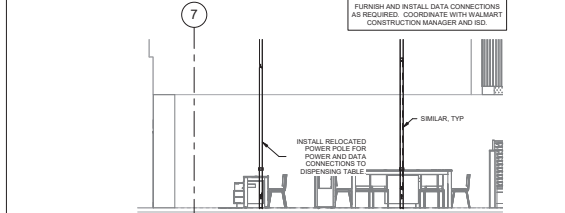


2 VISION CENTER POWER POLE CONNECTIONS DETAIL
NTS

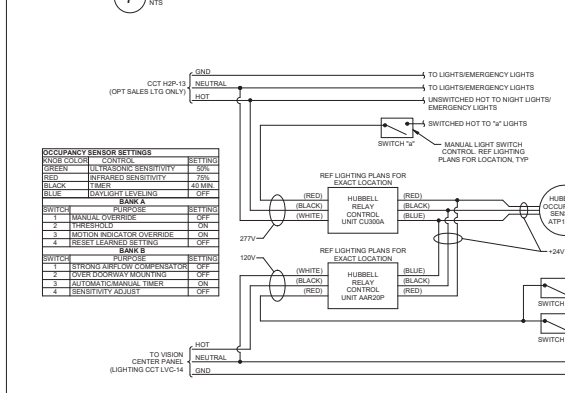
GC RESPONSIBLE FOR PROVIDING TEMPORARY POWER, VIA POWER CORDS, AND DATA AT TEMPORARY VISION CENTER LOCATION. TEMPORARY BRANCH CIRCUITRY SHALL NOT BE ACCESSIBLE TO THE PUBLIC, AND SHALL COMPLY WITH APPLICABLE CODES. UPON COMPLETION OF VISION CENTER REMODEL, REMOVE TEMPORARY VISION CENTER DEVICES, BRANCH CIRCUITRY AND DATA IN THEIR ENTIRETY. COORDINATE REMOVAL WITH CONSTRUCTION MANAGER.

CONNECT TEMPORARY VISION CENTER CASH WRAP AND DISPENSING TABLE POWER TO NEAREST AVAILABLE CORD REEL. UTILIZE EXISTING POWER POLE WITH VISION CENTER TO ROUTE POWER FROM TABLE AND CASH WRAP TO STRUCTURE. UTILIZE SAME ROUTING FOR DATA CONNECTIONS. TEMPORARY BRANCH CIRCUITRY SHALL NOT BE ACCESSIBLE TO THE PUBLIC, AND SHALL COMPLY WITH APPLICABLE CODES. UPON COMPLETION OF VISION CENTER REMODEL, REMOVE TEMPORARY VISION CENTER DEVICES, BRANCH CIRCUITRY AND DATA IN THEIR ENTIRETY. COORDINATE REMOVAL WITH CONSTRUCTION MANAGER.

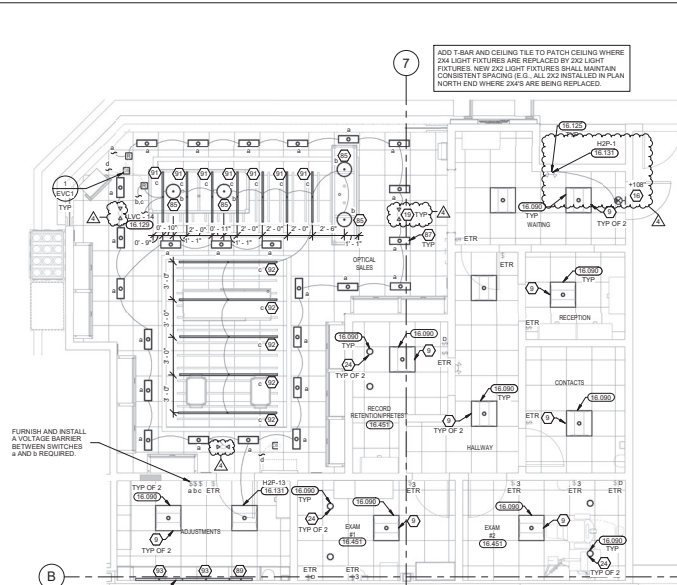
FURNISH AND INSTALL DATA CONNECTIONS AS REQUIRED. COORDINATE WITH WALMART CONSTRUCTION MANAGER AND BID.



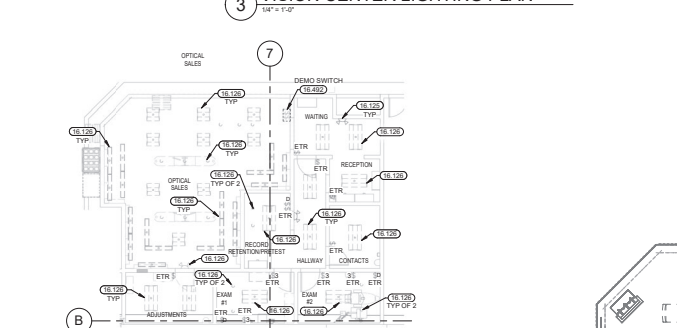
7 TEMP. VISION CENTER ELECTRICAL PLAN
NTS



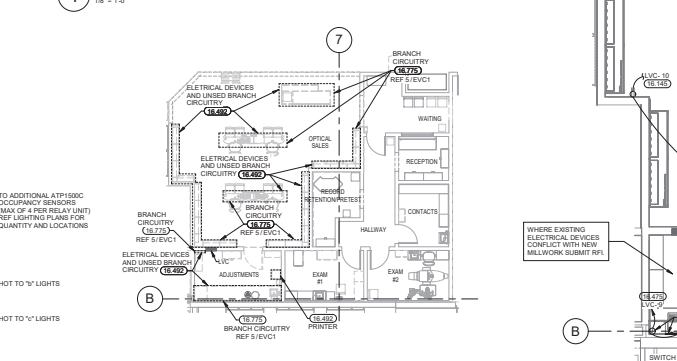
1 OCCUPANCY SENSOR/RELAY WIRING DIAGRAM AND SETTINGS
NTS



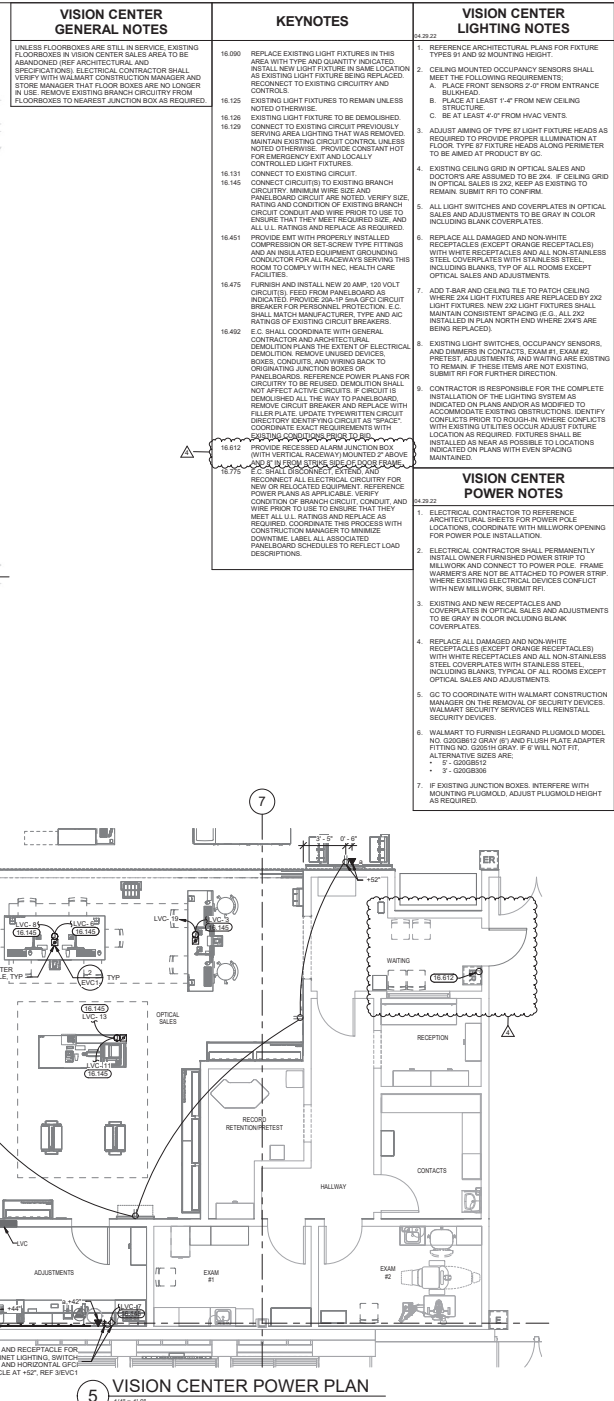
3 VISION CENTER LIGHTING PLAN
NTS



4 VISION CENTER LIGHTING DEMO PLAN
NTS



6 VISION CENTER POWER DEMO PLAN
NTS



5 VISION CENTER POWER PLAN
NTS

FOR ALL MULTI-BRANCH CIRCUITS WITH SHARED NEUTRAL PROVIDE APPROVED AND LISTED HANDLE BETWEEN CIRCUIT BREAKERS FOR SIMULTANEOUS DISCONNECT.

EXISTING LIGHTING FIXTURES NOT SHOWN ARE EXISTING TO REMAIN AND ARE NOT AFFECTED BY THE SCOPE OF WORK ON THIS PROJECT. THIS INCLUDES ALL GENERAL LIGHTING, EGRESS LIGHTING AND EXIT LIGHTING.

EXISTING OCCUPANCY SENSORS, RELAY, AND RELAY SETTINGS TO REMAIN AND ARE NOT AFFECTED BY THE SCOPE OF WORK ON THIS PROJECT. THIS INCLUDES ALL GENERAL LIGHTING, EGRESS LIGHTING AND EXIT LIGHTING.

EXISTING LIGHTING FIXTURES NOT SHOWN ARE EXISTING TO REMAIN AND ARE NOT AFFECTED BY THE SCOPE OF WORK ON THIS PROJECT. THIS INCLUDES ALL GENERAL LIGHTING, EGRESS LIGHTING AND EXIT LIGHTING.

Walmart
TROY, MICHIGAN
2001 W MABLE ROAD, TROY, MI 48064

ISSUE BLOCK

NO.	DATE	DESCRIPTION
1	02/28/24	02/28/24

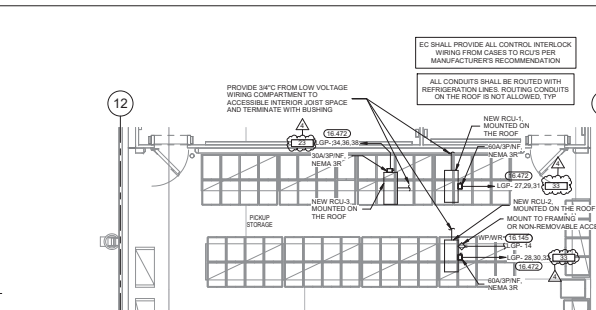
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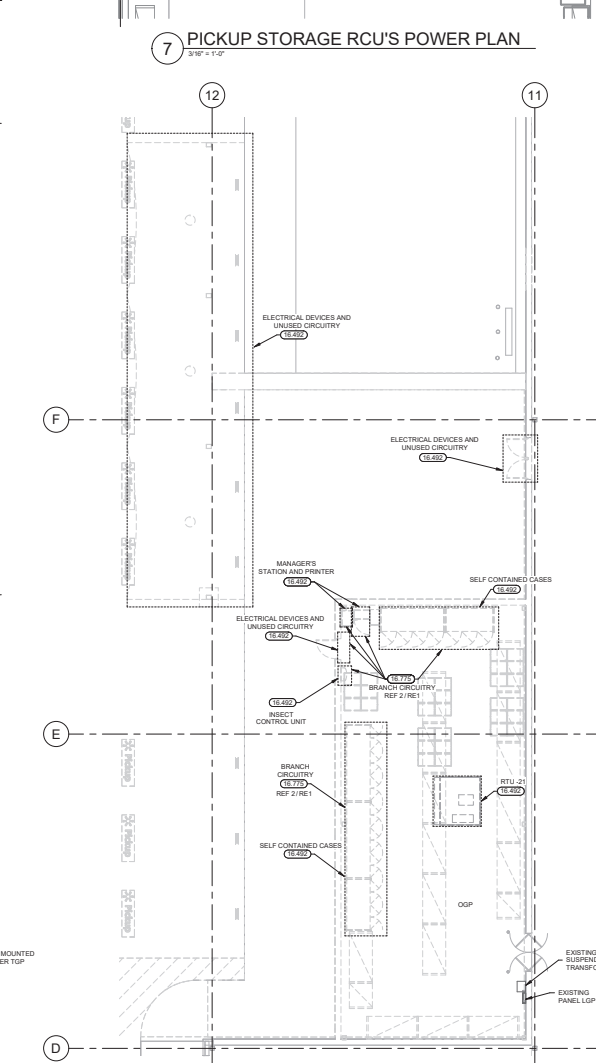
DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

VISION CENTER ELECTRICAL PLANS

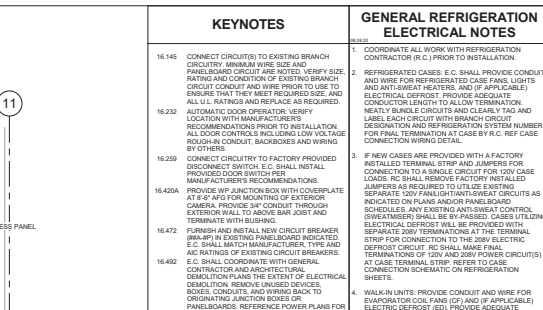
SHEET
EVC1



5 CASE DEFROST WIRING



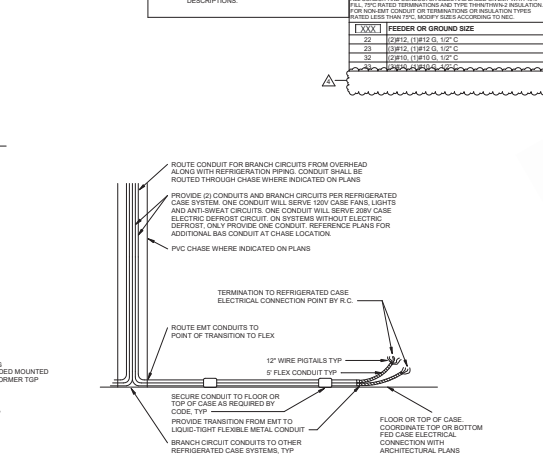
1 PICKUP STORAGE POWER DEMO PLAN



PICKUP STORAGE RCU'S POWER PLAN



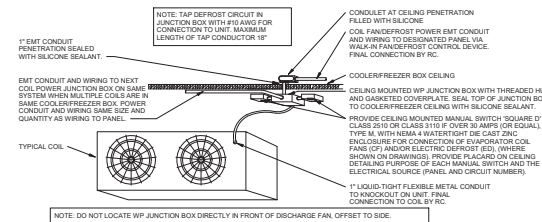
OVERHEAD CASE CONNECTION WIRING



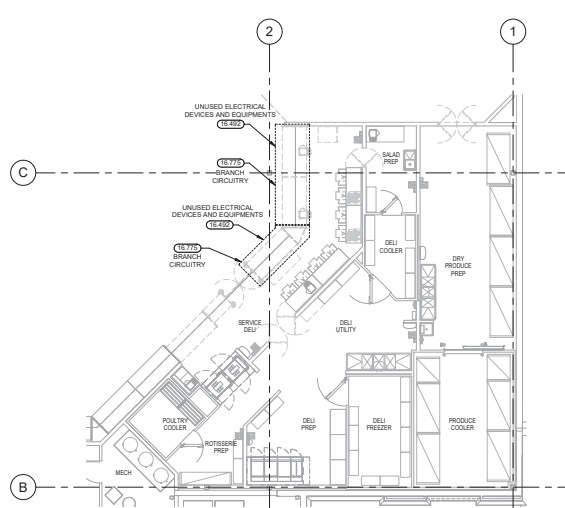
EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

REFRIGERATION
ELECTRICAL
PLAN



4 FRONT CHECKOUT REFRIGERATION POWER PLAN



2 DELI REFRIGRATION POWER DEMO PLAN
1/8" = 1'-0"

[illegible][illegible]

02/29/2024

2/29/2024

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

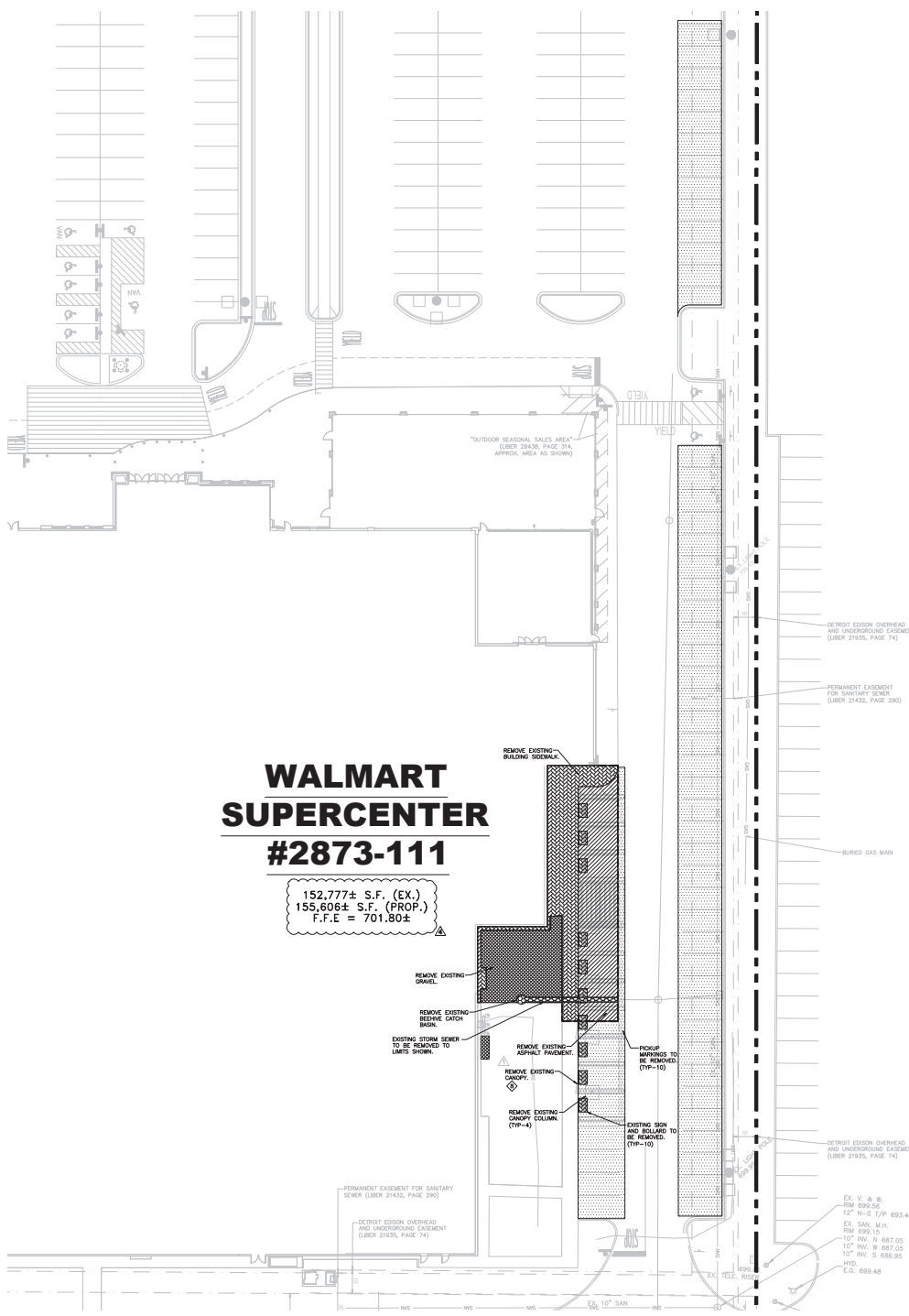
REFRIGERATION
ELECTRICAL
PLAN

RE1.1

FOR ALL MULTI BRANCH CIRCUITS WITH SHARED NEUTRAL PROVIDE APPROVED AND LISTED HANDLE BETWEEN CIRCUIT BREAKERS FOR SIMULTANEOUS DISCONNECT.

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKING WITH THIS KNOWLEDGE.



**WALMART
SUPERCENTER
#2873-111**

152,777± S.F. (EX.)
155,606± S.F. (PROP.)
F.F.E = 701.80±

LEGEND

- EXISTING BUILDING SIDEWALK AND APPURTENANCES TO BE DEMOLISHED AND REMOVED FROM THE SITE
- EXISTING STRIPING TO BE REMOVED
- EXISTING UTILITIES AND APPURTENANCES TO BE REMOVED
- EXISTING PAVEMENT CURB AND GUTTER TO BE REMOVED
- EXISTING GRAVEL WITHIN CURBED ISLAND TO BE REMOVED
- APPROXIMATE SANICUT LINE
- PROPERTY LINE

NOTICE TO CONTRACTOR

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE DAMAGE TO EXISTING ITEMS TO REMAIN DOES NOT OCCUR. THESE PRECAUTIONS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE USE OF LIGHTLY LOADED EQUIPMENT IN ORDER TO PREVENT DAMAGE TO EXISTING PAVEMENT AND INFRASTRUCTURE. UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO ANY EXISTING ON-SITE OR OFF-SITE ITEMS INCLUDING RELATED APPURTENANCES THAT WILL REMAIN IN PLACE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE. THOSE ITEMS INCLUDE, BUT ARE NOT LIMITED TO, DRAINAGE SYSTEMS, UTILITIES, CURBED PAVEMENT, LANDSCAPING, IRRIGATION SYSTEMS, FENCING, RETAINING WALLS, PUBLIC ROW MARKING, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS AND SHALL BE TO THE SATISFACTION OF THE OWNER OF THE DAMAGED ITEM. PRIOR TO MAKING ANY REPAIRS, THE CONTRACTOR SHALL SUBMIT DETAILED REPAIR METHODOLOGY TO THE CEO AND WALMART CM. REPAIRS SHALL NOT BEGIN UNTIL WRITTEN APPROVAL FROM THE CEO AND WALMART CM HAS BEEN ISSUED. CONTRACTOR SHALL DOCUMENT ANY EXISTING DAMAGE WITH PHOTOS, MEASUREMENTS, ETC. AND NOTIFY THE WALMART CONSTRUCTION MANAGER PRIOR TO COMMENCING CONSTRUCTION IN THE AREA OF THE EXISTING DAMAGED ITEM.

- NOTES**
1. ALL SITEWORK SHALL MEET OR EXCEED THE "SITE SPECIFIC SPECIFICATIONS", WHERE CONFLICTS WITH REQUIREMENTS OF UTILITY COMPANY OR OTHER JURISDICTION OCCUR, THE MOST STRINGENT REQUIREMENTS SHALL APPLY.
 2. ALL NECESSARY INSPECTIONS, APPROVALS, AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR AUTHORITIES SHALL BE COMPLETED PRIOR TO THE ACCEPTANCE BY OWNER AND THE FINAL CERTIFICATION OF SERVICES.
 3. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AROUND CONSTRUCTION AREA AND CONTRACTOR'S TEMPORARY PARKING AND STORAGE AREA DURING CONSTRUCTION.
 4. CONTRACTOR SHALL KEEP ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. BEYOND THE PROTECTED WORK AREAS CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND USE MATERIALS TO ENSURE EASY AND SAFE PEDIESTRIAN AND VEHICULAR ACCESS TO AND FROM THE SITE. CONTRACTOR SHALL COORDINATE/PHASE ALL CONSTRUCTION ACTIVITY WITHIN THE PERIMETER OF THE EXISTING STORE WITH THE WALMART CONSTRUCTION MANAGER AND WALMART STORE MANAGER TO MINIMIZE DISTURBANCE AND INCONVENIENCE TO WALMART STORE'S OPERATION AND WALMART CUSTOMERS.
 5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE PUBLIC, MAINTAIN SAFE CONSTRUCTION CONDITIONS, AND PROVIDE ADEQUATE TRAFFIC FLOW AT ALL TIMES. TEMPORARY TRAFFIC CONTROL DEVICES, SUCH AS SPONGE STRIPPING, FENCING, BARRICADES, CONCAVE/CONVEX MARKING, ETC. SHALL BE USED AS THE BEST PRACTICE STANDARD AND AS APPROVED BY THE WALMART CONSTRUCTION MANAGER. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN THEIR PROPER POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED OR CLEANED AS NECESSARY. ALL CONSTRUCTION MARKING SIGNS SHALL BE PROMPTLY REMOVED OR COVERED IMMEDIATELY ON REQUEST. IT IS NOT APPLICABLE OR NOT IN USE. EXISTING TRAFFIC ARROWS, PAINTED STOP MARKS, STOP SIGNS AND OTHER PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL PAVEMENT MARKINGS AND TRAFFIC PATTERNS SHALL BE REPAIRED.
 6. CONTRACTOR SHALL PROVIDE BMP'S SUCH AS EROSION REELS, INLET FILTER SACKS, SILT DIRT ON PAVEMENT, ETC. DISCONTINUED BY ANY GROUND DISTURBING ACTIVITIES. ALL BMP'S SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH ALL STATE AND LOCAL REQUIREMENTS.
 7. ALL PAVEMENT MARKINGS SHOWN TO BE REMOVED OR ANY MARKINGS THAT CONFLICT WITH IMPROVEMENTS ARE TO BE REMOVED AS PART OF THE PICKUP PROJECT. CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS BY SOOT BLASTING OR OUTLETS BLASTING.
 8. REMOVE EXISTING CANOPY COLUMNS AND/OR CONCRETS FLUSH WITH THE EXISTING PAVEMENT AND FILL VOIDS WITH CONCRETE.

EX. V. & W.
RSM 693.26
12" N-S T/P 693.46
EX. SPIN. M.H.
RSM 699.13
10" INV. N 687.05
10" INV. N 687.05
10" INV. S 686.95
IND. C.G. 699.48

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CONSULTANTS

JOSEPH PARSLEY & ASSOCIATES, INC.
CONSULTING ENGINEERS, INC.
1000 W. WASHINGTON AVE.
TROY, MI 48063-1111
(313) 287-3111

Walmart

TROY, MICHIGAN
STORE NO. 2873-111

ISSUE BLOCK	
NO.	DATE
ADD-03	02/29/2024

CHECKED BY: JSP

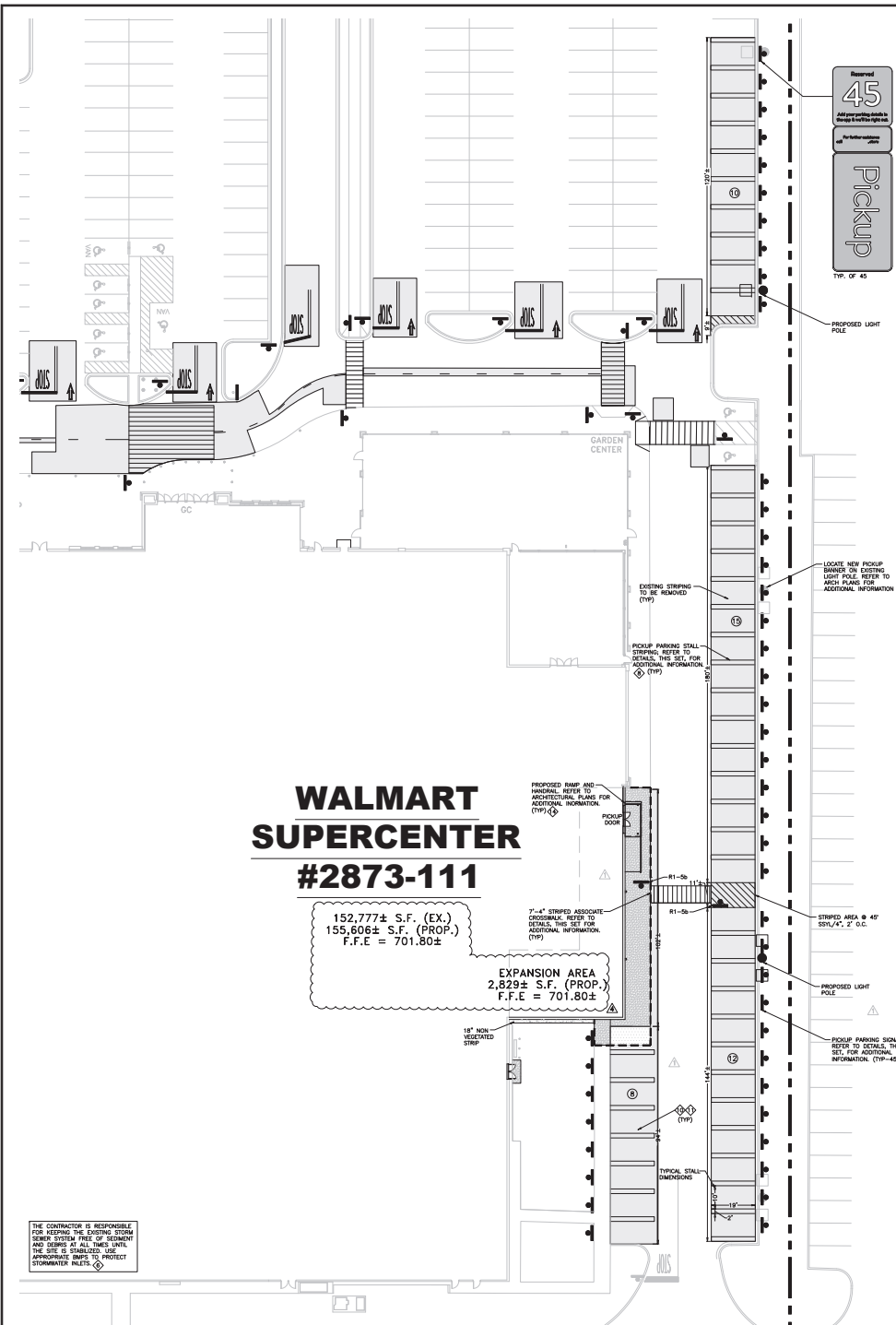
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DOCUMENT DATE: 05/22/2023

MISS DIG System, Inc.

DEMO PLAN

SHEET SD1



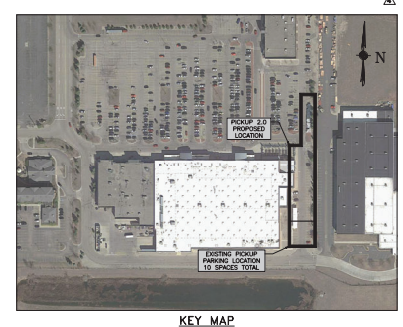
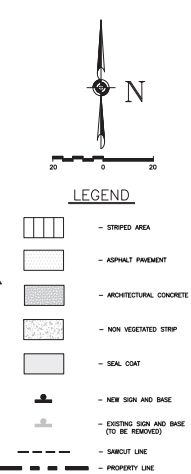
PARKING INFORMATION						
WALMART BUILDING INFO	PARKING REQUIRED	TOTAL ^{1,2} PARKING PROVIDED	ADA PARKING REQUIRED	ADA PARKING PROVIDED	TOTAL ³ PARKING RATIO	
EXISTING	152,777 SF	510 SPACES 1/300 SF	658 SPACES	13 SPACES	23 SPACES	4.30/1,000 SF
PROPOSED	150,606 SF	519 SPACES 1/300 SF	632 SPACES	13 SPACES	23 SPACES	4.06/1,000 SF

SHOPPING CENTER BUILDING INFO		PARKING REQUIRED	TOTAL PARKING PROVIDED	TOTAL PARKING RATIO
EXISTING	239,099 SF	1067 SPACES 4.46/1000 SF	1112 SPACES	4.65/1,000 SF
PROPOSED	241,928 SF	1079 SPACES 4.46/1000 SF	1086 SPACES	4.48/1,000 SF

PARKING INFORMATION NOTES:
1. GROSS FLOOR AREA IS PER INFORMATION SHOWN IN THE WALMART STORE MANAGEMENT SYSTEM, LOCUS.
2. EXISTING PARKING COUNTS ARE BASED ON A REVIEW OF AVAILABLE AERIAL PHOTOGRAPHS, AND ORIGINAL CONSTRUCTION PLANS DEVELOPED BY CECO DATED AUGUST 1, 2012.
3. 30 PARKING SPACES OCCUPIED BY CART CORNERS HAVE BEEN EXCLUDED FROM THE PARKING COUNTS AND PARKING RATIO.
4. ADA COMPLIANCE: ALL DRIVE-UP, DRIVE-THRU, GARDEN CENTER, AND AUTO CENTER ENTRANCES.
5. SHOPPING CENTER SQUARE FOOTAGE BASED ON BALMART AND MARSHALLS OLD PLANS AND GOOGLE EARTH MAPPING FOR THE STORES TO THE NORTHWEST (NO ORIGINAL PLANS AVAILABLE).

NOTICE TO CONTRACTOR:
STOP SIGNS MUST BE LOCATED A MINIMUM OF 4' OFF THE DRIVE ABLE AND 4' OFF THE BUILDING FRONTAGE. STOP SIGNS MUST BE A MINIMUM OF 8' OFF THE DRIVE ABLE AND 4' OFF THE BUILDING FRONTAGE. THIS SHALL BE MEASURED FROM THE FACE OF CURB OR THE EDGE OF THE STRIPED SHADE. REFER TO DETAILS FOR ADDITIONAL INFORMATION. SIGNS NOT INSTALLED IN THE PROPER LOCATION WILL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

NOTICE TO CONTRACTOR:
CONTRACTOR SHALL MAKE BEST EFFORTS TO ENSURE THAT AT ALL TIMES THERE SHALL BE CLEAR, UNOBSTRUCTED ACCESS TO THE PARCELS, PROPERLY REMAINING ANY DAMAGE TO THE PARCELS TO A MINIMUMALLY COMPARABLE LOCATION TO THE PARCELS, AND USE BEST EFFORTS TO PROVIDE 48 HOURS PRIOR NOTICE OF SUCH CONSTRUCTION TO THE OWNER OF THE PARCEL ON WHICH SUCH CONSTRUCTION IS TO TAKE PLACE.



PICKUP EXTERIOR SIGN SCHEDULE		
DESCRIPTION	DIMENSIONS	QUANTITY
RESERVED	18" X 18"	45
PHONE NUMBER	8" X 18"	45
VERTICAL PICKUP	18" X 36"	45
PICKUP BANNER AND	24" X 60"	1

NOTICE TO CONTRACTOR
THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE DAMAGE TO EXISTING ITEMS TO REMAIN DOES NOT OCCUR. THESE PRECAUTIONS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE USE OF LIGHTLY LOADED EQUIPMENT IN ORDER TO PREVENT DAMAGE TO EXISTING ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO ANY EXISTING ON-SITE OR OFF-SITE ITEMS INCLUDING RELATED IMPROVEMENTS THAT WILL REMAIN IN PLACE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE. THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO, DRAINAGE SYSTEMS, UTILITIES, CURBS, PAVEMENT, LANDSCAPING, IRRIGATION SYSTEMS, FENCING, RETAINMENT WALLS, POWER, TELEPHONE, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS, AND SHALL BE TO THE SATISFACTION OF THE OWNER OF THE REMOVED ITEM. PRIOR TO MAKING ANY REPAIRS, THE CONTRACTOR SHALL SUBMIT DETAILED REPAIR METHODOLOGY TO THE GEO AND WALMART OR REPAIRS SHALL NOT BEGIN UNTIL WRITTEN APPROVAL FROM THE GEO AND WALMART HAS BEEN ISSUED. CONTRACTOR SHALL DOCUMENT ANY EXISTING DAMAGE WITH PHOTOS, VIDEOS, ETC. AND NOTIFY THE WALMART CONSTRUCTION MANAGER PRIOR TO COMMENCING CONSTRUCTION IN THE AREA OF THE EXISTING DAMAGED ITEM.

- NOTES:
- ALL SITEWORK SHALL MEET OR EXCEED THE "SITE SPECIFIC SPECIFICATIONS" WHERE CONFLICTS WITH REQUIREMENTS OF UTILITY COMPANY OR OTHER JURISDICTION OCCUR, THE MOST STRINGENT REQUIREMENTS SHALL APPLY.
 - ALL NECESSARY INSPECTIONS, APPROVALS, AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR AUTHORITIES SHALL BE COMPLETED PRIOR TO THE ACCEPTANCE BY OWNER AND THE FINAL CERTIFICATION OF SERVICES.
 - CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AROUND CONSTRUCTION AREA AND CONTRACTOR'S TEMPORARY PARKING AND STORAGE AREA DURING CONSTRUCTION.
 - CONTRACTOR SHALL KEEP ALL EXISTING PARKING, SIDEWALKS, DRIVEWAYS, ETC. BEYOND THE PROTECTED WORK AREAS CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL. TO ENSURE SAFE AND SAFE PROTECTION AND VEHICULAR ACCESS TO AND FROM THE SITE, CONTRACTOR SHALL COORDINATE/PAUSE ALL CONSTRUCTION ACTIVITY WITHIN THE PROXIMITY OF THE EXISTING STORE WITH THE WALMART CONSTRUCTION MANAGER AND WALMART STORE MANAGER TO MINIMIZE DISTURBANCE AND INCONVENIENCE TO WALMART STORE'S OPERATION AND WALMART CUSTOMERS.
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE PUBLIC, MAINTAIN SAFE CONSTRUCTION CONDITIONS, AND PROVIDE ADEQUATE TRAFFIC FLOW AT ALL TIMES. TEMPORARY TRAFFIC CONTROLS, DEVICES, SIGNS OR SIGNALS, STRIPING, FENCING, BARRICADES, ENCLOSURES, BARRIERS, ETC. SHALL BE USED IN THE BEST POSSIBLE MANNER AND AS APPROVED BY THE WALMART CONSTRUCTION MANAGER. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN THEIR PROPER POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED, OR CLEANED AS NECESSARY. ALL CONSTRUCTION MATERIALS SHALL BE PROPERLY STORED OR COVERED WHENEVER THE MESSAGE IS NOT APPLICABLE OR NOT IN USE. EXISTING TRAFFIC ARROWS, PAINTED TWO COPS STOP SIGNS AND OTHER EXISTING MARKINGS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL, PARKING MARKINGS AND TRAFFIC PATTERNS SHALL BE REPAIRED.
 - CONTRACTOR SHALL PROVIDE BAPTS SIGN, ALL BAPTS SIGNS, INLET PLATES SIGNS, SIGN AND/OR PAINTMENT, ETC. CONFORMANCE OF ANY SIGNAGE OBTAINING ACTIVITIES. ALL BAPTS SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH ALL STATE AND LOCAL REQUIREMENTS.
 - UNLESS NOTED OTHERWISE STRIPING DIMENSIONS SHOWN ARE TO THE CENTER OF THE STRIPE.
 - ALL NEW STRIPING SHALL BE PAINTED (TWO COATS) AS PER THE SPECIFICATIONS, UTILIZE TEMPLATES FOR ALL PAINTED PARKING MARKINGS SUCH AS DIRECTIONAL, PARKING AND LETTERS.
 - ALL PICKUP WAY FINDING AND SHALL SIGN ARE WALMART SUPPLIED AND CONTRACTOR INSTALLED. CONTRACTOR TO PLACE SIGN ORDER AT LEAST 3 WEEKS IN ADVANCE. ORDER SHALL BE SENT VIA EMAIL TO GETTY THOMAS (getty.thomas@walmart.com) AND SEND KEEPER (thomas.getty@walmart.com). REQUEST SHALL CONTAIN A DELIVERY ADDRESS, DESIRED DELIVERY DATE, AND ANY SITE SPECIFIC SIGN SIZE AND/OR COLORS BASED ON APPROVED PLANS.
 - ALL EXISTING PARKING MARKINGS WITH SEAL COATED AREA TO BE REMOVED. CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS BY ROAD BLASTING OR OUTLETS BLASTING.
 - CONTRACTOR SHALL RELOCATE NEW STRIPING SHOWN ON THESE PLANS. CONTRACTOR SHALL COMPLETE ALL SITE MARKINGS THAT REQUIRE MODIFICATIONS TO EXISTING PAVEMENT AREAS INCLUDING REMOVAL OF ANY EXISTING STRIPING, PRIOR TO ASPHALT SEAL COAT APPLICATION. CONTRACTOR SHALL ALLOW ASPHALT SEAL COAT ADEQUATE CURE TIME, IN ACCORDANCE WITH SITE SPECIFICATIONS, PRIOR TO OPENING AFFECTED AREA TO TRAFFIC OR PERFORMING ANY STRIPING ACTIVITIES.
 - EXISTING "PICKUP" STRIPING TO BE REMOVED FROM EXISTING PICKUP PARKING STRIPS.
 - PAVEMENT MARKINGS AND ALL OTHER SITE WORK SHOWN ON THIS SHEET, SHALL BE IN ACCORDANCE WITH SPECIFICATION 0276S.
 - REFER TO ARCHITECTURAL PLANS FOR BUILDING SIDEWALK, RAMPS, AND HANDRAIL DETAILS.
 - FINAL PAVEMENT ELEVATIONS SHALL BE CONSTRUCTED FLUSH WITH EXISTING TOPS OF MANHOLES, CLEANOUTS, UTILITY METER MANHOLE, MANHOLE GRABBER/OL PAVERS, FULL ROVER, INLET, OR MANHOLE TOPS SHALL BE AS NEARLY AS POSSIBLE TO MATCH EXISTING PAVEMENT GRADES WITHIN THE LIMITS OF CONSTRUCTION TO ENSURE THERE IS NO PONDING OF WATER ON NEW PAVEMENT AND TO ELIMINATE TRIP/FALL HAZARDS. WHERE EXISTING ELEVATIONS PROVIDE THE NEW PAVEMENT FROM BENE CONSTRUCTED AT ELEVATIONS SHOWN, THE CONTRACTOR SHALL ADJUST THE TOPS OF THESE FEATURES TO MATCH FINAL PAVEMENT GRADES TO ENSURE POSITIVE DRAINAGE AND ELIMINATE TRIP/FALL HAZARDS.
 - ELEVATION OF NEW EDGE OF PAVEMENT/CONCRETE TO MATCH ADJACENT PAVEMENT ELEVATION.
 - CONTRACTOR TO ENSURE POSITIVE DRAINAGE IN ALL AREAS IMPACTED BY CONSTRUCTION.
 - CONTRACTOR SHALL SMOULF EXISTING PAVEMENT, AS SHOWN TO ALLOW FOR A CLEAN STRAIGHT JOINT BETWEEN OLD AND NEW SURFACES. LIMITS OF EXISTENTIAL AND SMOULF SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS ONLY. CONTRACTOR IS RESPONSIBLE FOR SMOULFING AND REMOVING EXISTING SITE ITEMS AS NECESSARY TO REMOVE/INSTALL ALL ITEMS ASSOCIATED WITH THIS PROJECT BY SUBMITTING A BID FOR THIS PROJECT. THE CONTRACTOR ACKNOWLEDGES THIS LIMITATION AND ENSURES ADEQUATE FLOW.
 - CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN PERFORMING CONSTRUCTION ACTIVITIES IN THE VICINITY OF EXISTING UTILITIES. EXISTING UTILITIES THAT CONFLICT WITH THE PLANNED CONSTRUCTION ACTIVITIES SHALL BE RELOCATED OR LOWERED IN PLACE BY THE CONTRACTOR TO MEET THE OPERATION AND MAINTENANCE REQUIREMENTS ESTABLISHED BY LOCAL CODE. CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE WALMART CONSTRUCTION MANAGER AND WALMART STORE MANAGER A MINIMUM OF 72 HOURS PRIOR TO ANY PLANNED DISRUPTION TO UTILITY SERVICES. TEMPORARY UTILITY SERVICES SHALL BE USED IF REQUIRED TO ALLOW FOR OTHER DISRUPTION. ANY COSTS ASSOCIATED WITH THIS WORK SHALL BE IN THE CONTRACTOR'S LUMP SUM PRICE FOR THE OVERALL PICKUP PROJECT.
 - CONTRACTOR TO REPLACE GRAVEL AND MATCH EXISTING MATERIAL WHEN INSTALLING AREA INLET.
 - CONTRACTOR SHALL COORDINATE WITH THE STORE MANAGER AND WALMART CONSTRUCTION MANAGER FOR TEMPORARY OPS SOLUTION. ONLINE SHOPPING PICKUP OPERATIONS SHALL REMAIN FUNCTIONAL THROUGHOUT CONSTRUCTION.

STIPULATION FOR REUSE

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CONSULTANTS

JOSEPH P. HANSEN
CONSULTING ENGINEER INC.
REGISTERED PROFESSIONAL ENGINEER
STATE OF MICHIGAN LICENSE NO. 94000
UNIVERSITY MICROFILMS INTERNATIONAL

Walmart
TROY, MICHIGAN
STORE NO. 2873-111

ISSUE BLOCK

NO.	DESCRIPTION	DATE
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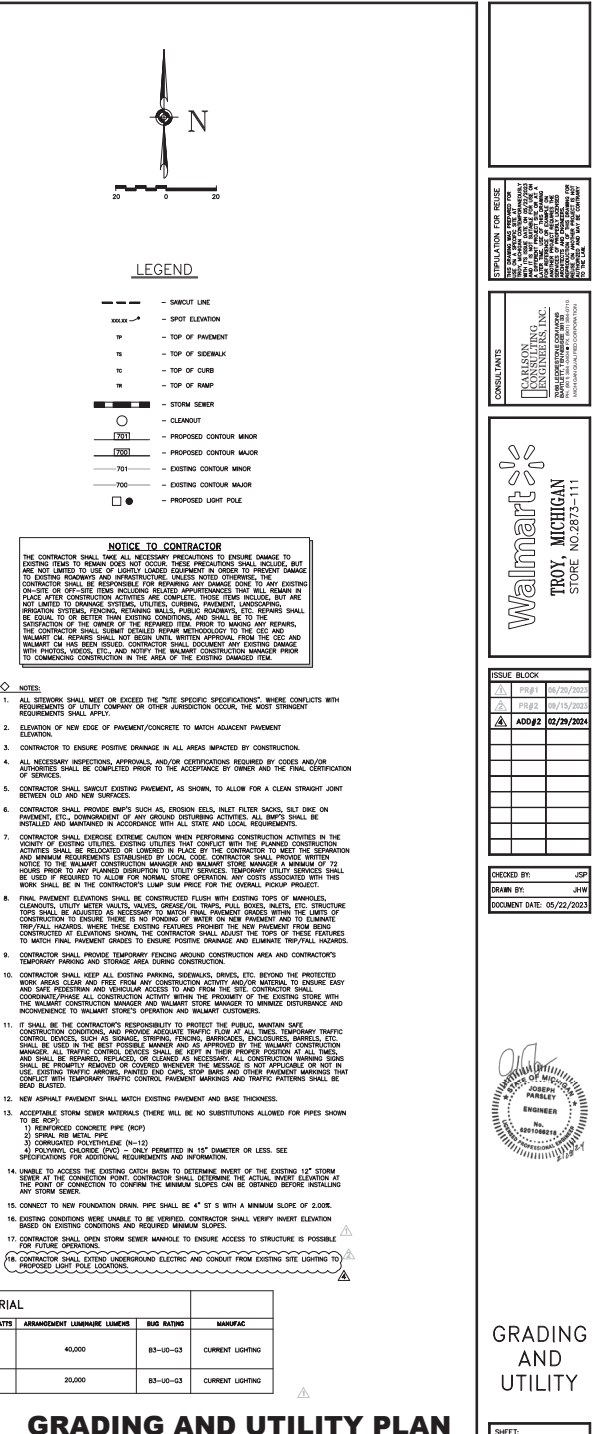
CHECKED BY: JPH
DRAWN BY: JPH
DATE: 02/29/2023

PROFESSIONAL SEAL OF MICHIGAN
JOSEPH P. HANSEN
REGISTERED PROFESSIONAL ENGINEER
STATE OF MICHIGAN LICENSE NO. 94000

SITE PLAN

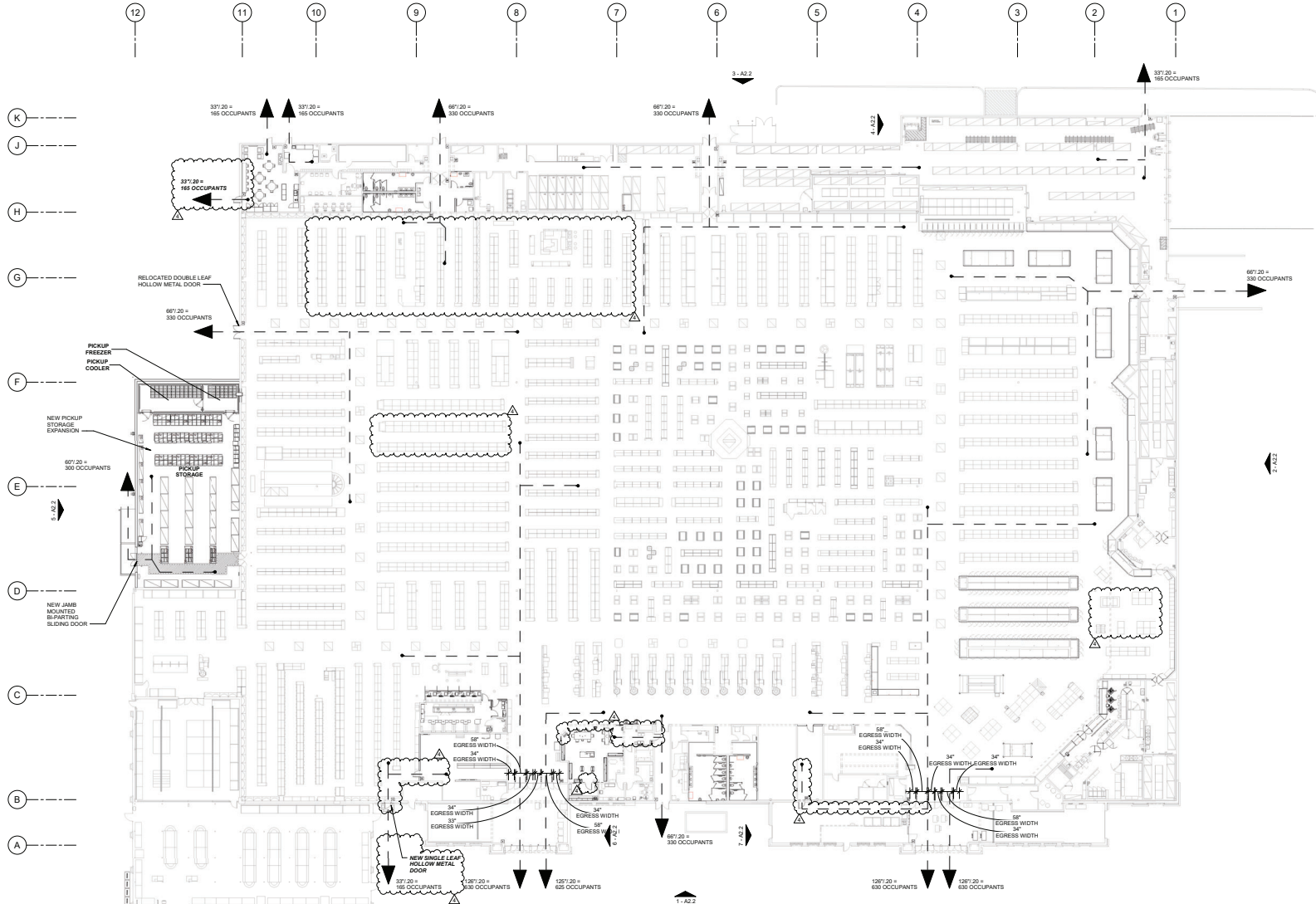
SHEET SD2

PICKUP STRIPING AND SIGNAGE SITE PLAN



EGRESS/OCCUPANCY LOAD CALCULATIONS				
BUILDING AREAS	EGRESS		OCCUPANCY LOAD = (SQUARE FOOTAGE) / (OCCUPANCY LOAD FACTOR)	
EXISTING AREA	MEANS OF EGRESS:	TABLE 1006.1	REQUIRED EGRESS WIDTH = (OCCUPANCY LOAD) x (EGRESS WIDTH FACTOR)	
PREVIOUS EXPANSION	MAXIMUM TRAVEL DISTANCE TO AN EXIT:	250' (SPRINKLERED)	OCCUPANCY LOAD FACTOR = REFER TO OCCUPANCY LOAD FACTOR TABLE	
TOTAL AREA	OCCUPANT LOAD:	TABLE 1004.1.1	EGRESS WIDTH PROVIDED:	
MERCANTILE AREA	M-MERCANTILE:	121,742/30 = 4059	M-MERCANTILE:	30 INCHES
BUSINESS AREA	B-BUSINESS:	3,170/30 = 106	B-BUSINESS:	30 INCHES
STORAGE AREA	S-STORAGE:	22,668/30 = 755	S-STORAGE:	30 INCHES
ASSEMBLY AREA	A-ASSEMBLY:	2,048/30 = 68	A-ASSEMBLY:	30 INCHES
PICKUP STORAGE (EXPANSION) AREA	P-PICKUP STORAGE (EXPANSION):	4,955/30 = 165	P-PICKUP STORAGE (EXPANSION):	30 INCHES
TOTAL AREA	TOTAL OCCUPANT LOAD:	4,321	TOTAL OCCUPANT LOAD:	30 INCHES
	EGRESS WIDTH REQUIRED:	TABLE 1005.1	EGRESS WIDTH REQUIRED:	30 INCHES
	M-MERCANTILE:	4,059 x 0.20 = 812 INCHES	M-MERCANTILE:	812 INCHES
	B-BUSINESS:	106 x 0.20 = 21 INCHES	B-BUSINESS:	21 INCHES
	S-STORAGE:	755 x 0.20 = 151 INCHES	S-STORAGE:	151 INCHES
	A-ASSEMBLY:	68 x 0.20 = 14 INCHES	A-ASSEMBLY:	14 INCHES
	P-PICKUP STORAGE (EXPANSION):	165 x 0.20 = 33 INCHES	P-PICKUP STORAGE (EXPANSION):	33 INCHES
		867 INCHES		867 INCHES

LIFE SAFETY SCOPE OF WORK	SHEET NOTES
<ul style="list-style-type: none"> ADD (1) NEW JAMB MOUNTED BI-PARTING SLIDING DOOR AT NEW PICKUP STORAGE (EXPANSION) EXPANSION TO EXISTING BUILDING - ADDED PICKUP STORAGE WITH COOLER AND FREEZER CHECKOUT REGISTERS HAVE BEEN RECONFIGURED REMODELED EXISTING PHARMACY TO ADD NEW HEALTH SERVICES RELOCATED EGRESS DOOR TO NEW LOCATION IN SALES AREA <p>TWO TABLE REPRESENTS EGRESS CALCULATIONS FROM ORIGINAL RECORD DRAWINGS OF WORK SUBMITTED, DATED 07/18/18 AND UPDATE ON 06/21/21</p> <p>CHANGES IN THE BUILDING ARE DUE TO EXTERIOR PICKUP EXPANSION, ADDED NEW DOOR FOR THE EXPANSION, REVISED MERCH PLAN AND RELOCATED EGRESS EXIT DOOR AND OCCUPANT LOADS REVISSED DUE TO SCOPE CHANGES</p> <p>TABLE HAS BEEN UPDATED FOR OCCUPANT LOAD AND EGRESS WIDTH CALCULATIONS DUE TO REMODEL OF EXISTING PHARMACY AND EXPANSION OF BUILDING FOOTPRINT FOR NEW PICKUP STORAGE</p> <p>REFER TO PLAN BELOW FOR DETAILS. ALL CHANGES HAVE BEEN SHOWN IN BOLDITALICIZED TEXT</p>	<ol style="list-style-type: none"> MAINTAIN A MINIMUM OF 3'-0" ASILE WIDTH ON THE SALES FLOOR WHERE OBSTRUCTIONS ARE PLACED ON ONE SIDE OF THE ASILE, AND 3'-4" ASILE WIDTH WHEN SUCH OBSTRUCTIONS ARE PLACED ON BOTH SIDES OF THE ASILE ALL EXIT SIGNS AND EMERGENCY LIGHTS ARE SHOWN ON SHEET E1, LEVERAGED ON E3, AND WILL BE SUBJECT TO INSPECTION FROM THE FIRE MARSHAL, HAVING AUTHORITY PRIOR TO FINAL APPROVALS 250' MAX. TRAVEL DISTANCE IS SHOWN AS A DASHED LINE REF N1 FOR TACTILE EXIT SIGNAGE



1 LIFE SAFETY PLAN
1" = 20'-0"

Walmart
TROY, MICHIGAN
2001 W MABLE ROAD, TROY, MI 48064
STANDARD WAREHOUSE

ISSUE BLOCK

1	PRP1	06/03/23
2	PRP2	01/17/24
3	PRP3	02/26/24

CHECKED BY: SMC
DRAWN BY: GBS/JUN
PROJECT CYCLE: 08/20/23
DOCUMENT DATE: 12/13/22

02/29/2024

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

LIFE SAFETY PLAN

SHEET: **LS1**



PB2023-0012%PB%7820.00

Building Permit No: PB2023-0012

Building Department

500 W. Big Beaver Road

Inspection: (248) 689-5744

Troy, Michigan 48084

Phone: (248) 524-3344

Hours: Mon-Fri 8am - 4:30pm

www.troymi.gov

2001 W MAPLE 88-20-32-200-032 Subdivision: Acreage Zoning: MR, CJ, NONE Construction Type:	Location Lot: Use Group: M	Owner SUSO 1 CAMBRIDGE LP 121 KING ST W STE 200
--	----------------------------------	---

Issued: 12/11/2023

Singleton Construction, LLC
Singleton Construction, LLC
4730 Wilson Rd. NW
Lancaster OH 43130
(614) 453 4400

Applicant

FOR INSPECTIONS - CALL (248) 689-5744**Inspections called in by 3:00 P.M. will be scheduled the next business day. **NOTE NEW INSPECTION CUT-OFF TIME******Work Description:** C-ATTACHED- EXTERIOR & INTERIOR REMODEL WALMART - IN COMPLIANCE WITH THE 2015 MICHIGAN BUILDING CODE**Special Stipulations:** MEET ALL CODES & INSPECTIONS. FINAL FIRE INSPECTION IS REQUIRED PRIOR TO OCCUPANCY

Work will meet all codes and inspections.

Permit Item	Work Type	Quantity	Item Total
mep Plan Review Fee 2 revisions	Plan Rev Min.	1.00	540.00
3rd party Plan Review Fee x 2 revisi	Plan Rev Min.	1.00	720.00
Initial Plan Review Fee	Plan Rev Min.	1.00	100.00
Bldg rev Plan Review Fee	Plan Rev Min.	1.00	100.00
Bldg rev 2 Plan Review Fee	Plan Rev Min.	1.00	100.00
Bldg Rev 3 Plan Review Fee	Plan Rev Min.	1.00	100.00
Value \$10,001 to 1 Million	Building Permit	500,000	5,115.00
Cert of Occupancy	C of O	1.00	175.00
3rd party Plan Review Fee	Plan Rev Min.	1.00	360.00
3rd p Plan Review Fee	Plan Rev Min.	1.00	360.00
Initial Plan Review Fee	Plan Rev Min.	1.00	150.00

Commercial, Add/Alter**Total Due: \$7820.00****PAID on: 12/11/2023****Credit Card
Payment Validation**

Date Expires 06/08/2024

This permit is issued subject to the Building Code, Zoning Ordinance and all other Ordinances of the City of Troy, and shall become void once work is not started or is abandoned for a period of one hundred eighty (180) days.

Separate permits must also be obtained for signs and any plumbing, heating, refrigeration, electric, or sewer work.

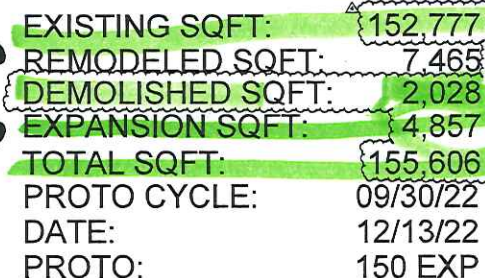
This permit conveys no right to occupy any street or public right-of-way, either temporarily or permanently.

Please take a few minutes and let us know about your experience working with us via our customer feedback survey at <https://troymi.gov/CDSurvey>

[] TREASURER COPY

[] DEPARTMENT COPY

[] CONTRACTOR COPY



DRAWING INDEX

GENERAL		BR1	BREAKROOM PLANS, ELEVATION AND DETAILS	FP2.3	ENLARGED FIRE SPRINKLER PLAN				
	C1	COVER SHEET	PM1	MODULAR PHARMACY PLANS, ELEVATIONS AND DETAILS	FP2.4	ENLARGED FIRE SPRINKLER PLAN		RACKING	
	C2	RESPONSIBILITY MATRIX	PM2	MODULAR PHARMACY SECTIONS AND DETAILS	FP3	FIRE PROTECTION DETAILS	FXS1	FEATURE AND/OR-CHARGE PLAN AND NOTES	
	C3	GENERAL INFORMATION	PM2.1	PHARMACY RESTROOM DETAILS	FP3.1	FIRE PROTECTION DETAILS	FXS2	FEATURE AND/OR-CHARGE DETAILS	
	S1	SCHEDULES AND ALLOWANCES	PM3	PHARMACY EQUIPMENT (FOR REFERENCE ONLY)					
			PM4	PANEL PLAN, ELEVATION AND DETAILS					
			PM5	PHASING PLANS					
ARCHITECTURAL			PM5.1	PHASING PLANS	P1	MECHANICAL AND PLUMBING PLAN	E1	ELECTRICAL	BUILDING AUTOMATION SYSTEM PLAN
	SP1	SITE PLAN			P1	ENLARGED PLUMBING PLANS	E1	L1	LIGHTING PLAN
	SP2	SITE DETAILS	PM5.2	PHASING PLANS	P1.1	ENLARGED PLUMBING PLANS	E1.1	E1.1	ENLARGED LIGHTING PLANS
	SP3	FRAMING DETAILS	VC1	VISION CENTER PLANS AND DETAILS AND ELEVATION	P1.2	PLUMBING DETAILS AND SCHEDULES	E1.2	E1.2	ENLARGED LIGHTING PLANS
	D1	DEMOLITION PLAN AND DETAILS	VC1.1	VISION CENTER ELEVATIONS			E1.3	E1.3	LIGHTING DETAILS AND SCHEDULES
	D1	ENLARGED DEMOLITION PLANS	VC1.2	REFLECTED CEILING PLANS AND DETAILS			E1.4	E1.4	ENERGY COMPLIANCE REPORTS
	D2	ENLARGED RESTROOM DEMOLITION PLANS	VC2	SECTIONS AND DETAILS	M1	ENLARGED MECHANICAL PLANS	E1.5	E1.5	ENERGY COMPARISON REPORTS
	F1	FLOOR PLAN AND DETAILS	VC3	EQUIPMENT PLAN (FOR REFERENCE ONLY)	M2	MECHANICAL DETAILS	E1.6	E1.6	SITE LIGHTING PLAN AND DETAILS
	F1	FLOOR FINISH PLAN AND DETAILS (VCTC)	VC3	FRONT GROCERY PLAN AND DETAILS	M3	MECHANICAL SCHEDULES	E1.7	E1.7	FEATURE LIGHTING PLAN
	A1.1	EXTERIOR WALLS	GA1	FRONT GROCERY FINISH PLAN AND DETAILS			E1.8	E1.8	ENLARGED LIGHTING PLANS
	A2.1	EXTERIOR DETAILS AND SIGNAGES	GA2	REAR GROCERY PLAN AND DETAILS			E2	E2	POWER PLAN
	A2.2	RF REPORT	GA3	RESPONSIBILITY SCHEDULES	BSR1	BUILDING AUTOMATION SYSTEM REFRIGERATION PLANS	E2.1	E2.1	POWER DROP PLAN
	A2.3	MECHANICAL DETAILS	GA5	RESPONSIBILITY SCHEDULES	BSR2	BUILDING AUTOMATION SYSTEM REFRIGERATION SCHEDULES	E2.2	E2.2	ENLARGED POWER PLANS
	A2.4	ROOM PLAN AND DETAILS	OP1.0	EXTERIOR EXPANSION FLOOR PLANS AND DETAILS	BSR3	BUILDING AUTOMATION SYSTEM REFRIGERATION DETAILS	E2.3	E2.3	ENLARGED POWER PLANS
	A5	ENLARGED PLANS, ELEVATIONS, AND DETAILS	OP1.1	PICKUP 2.0 DETAILS	BSR4	BUILDING AUTOMATION SYSTEM REFRIG. LEAK DETECTION PLAN	E3	E3	ELECTRICAL LEGENDS, GENERAL NOTE
	A5.2	RESTROOM FLOOR FINISH PLANS AND DETAILS	OP1.2	EXPANSION ELEVATIONS, WALL SECTIONS AND DETAILS	OP1	OPERATIONAL DETAILS	E4	E4	ELECTRICAL CHARTER DETAILS AND SCHEDULES
	A5.3	RESTROOM FINISH PLANS AND DETAILS	OP1.3	EXPANSION WALL SECTIONS AND DETAILS	R1	FRONT REFRIGERATION PLAN	E4.1	E4.1	PANELBOARD SCHEDULES
	A5.4	ENLARGED CHECKOUT PLANS AND DETAILS	OP1.4	EDGE PROTECTION	R2	REFRIGERATION SCHEDULES	E4.2	E4.2	PANELBOARD SCHEDULES
	A6	REAR OFFICE PLAN AND DETAILS	FIRE		R3	REFRIGERATION DETAILS	EPH1	EPH1	PHARMACY ELECTRICAL PLAN
	A6.1	PARTITION TYPES AND WALL DETAILS	FP1	FIRE SPRINKLER PLAN	R3.1	REFRIGERATION SUBMITTALS	EPH2	EPH2	VISION CENTER ELECTRICAL PLANS
	A8	DOOR SCHEDULE, FINISHES AND DETAILS	FP2.1	ENLARGED FIRE SPRINKLER PLAN	R5		RE1	RE1	REFRIGERATION ELECTRICAL PLAN
	A8.1	CASEWORK	FP2.2	ENLARGED FIRE SPRINKLER PLAN	RS				

GE1	GROCERY LIGHTING PLANS
GE2	GROCERY POWER PLANS
CIVIL	
SCM-1	STOP SIGNS AND MARKINGS PLAN
SECP-1	DEMOLITION AND SITE CONSTRUCTION PLAN
DETAILS D-1	SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET
DETAILS D-2	SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET
SD-1	DEMOLITION PLAN
SD-2	PICKUP STRIPPING AND SIGNAGE SITE PLAN
SD-3	CROWDING AND UTILITY PLAN
SD-4	PICKUP STRIPPING AND SIGNAGE DETAILS
SCD-1	SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET
SCD-2	SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET
STRUCTURAL CANOPY	
CAS-1	CANOPY ROOF PLAN AND DETAILS
CAS-2	CANOPY MISC DETAILS
SPECIAL ELEMENTS	
Q1-1	LIFE SAFETY PLAN
Q1-2	OWNER SUPPLIED ITEMS

BUILDING CODE SUMMARY

	NAME OF PROJECT
	STREET ADDRESS
	PROPOSED USE
CODICES	BUILDING CODE ELECTRICAL CODE PLUMBING CODE MECHANICAL CODE FIRE CODE ENERGY CODE ACCESSIBILITY CODE
OCCUPANCY	M-WHOLESALE; WHOLESALE OR RETAIL (SEE MAIN USE) S-1-STANDARD MOTOR VEHICLE STATION AND ACCESSORY STORAGE AREAS (SEE A-1) A-1-ASSEMBLY USE; BREAKROOM AND FOOD TRAYANT (ACCESSORY TO STOCK ROOMS) S-BUSINESS; HIGH FOOT TRAFFIC (ACCESSORY TO MAIN USE)
TYPE OF CONSTRUCTION	V-A UNPROTECTED (SPRINKLER)
ALLOWABLE AREA	UNLIMITED
FIRE PROTECTION	EQUIPPED WITH EQUIPMENT INCLUDING AN AUTOMATIC SPRINKLER SYSTEM AND IS SURVEILLANCED ON FEES BY 25 FEET MINIMUM PERMANENT OPEN SPACE AND COMPLIES WITH ALL CITY ORDINANCES.

CITY OF TROY BUILDING DEPT			
Approval	Date	By	Comments

[illegible]

- 1. approved of this project and will oversee the worker in order to complete work at appropriate times & conditions.
- 2. all work is subject to field inspection.
- 3. Owner reserved personnel (mechanical, electrical and the protection) have been approved.
- 4. install a sign.
- 5. call the police.
- 6. job permits will be posted on job site.
- 7. equipment should be placed only on the job site.
- 8. a certificate of insurance is required before the building or street can be used.
- 9. Occupancy for the general public is prohibited.
- 10. any physical barrier is required between the construction area and the public.
- 11. approval of this project does not require water meter work.
- 12. lower main valves & accessories shall be installed in accordance with the IFC/ANSI 22.2 standard as referenced from the state code.

1. Obtain permit and call for inspections
2. Conduct soil and groundwater tests per MCE and the TSD 2021
3. Prepare emergency Remediation per MCE, Arizona 102-2
4. Submit all permit applications per MCE and the TSD 2021 in accordance with: MCE Arizona 102-21, and Arizona TSD 2021-mechanics PSC
5. Remediate all hazardous and non-hazardous materials per MCE and the TSD 2021
6. Walkthrough search visits per Arizona 2021
7. Verify existing Superfund remediation, Report or accept a new RFF, 2021 or Interim Remediation
8. Complete with MDEQ and MDEP 5
9. Submit all permit applications per MCE and the TSD 2021 in accordance with: MCE Arizona 102-21, and Arizona TSD 2021-mechanics PSC
10. Submit all permit applications per MCE and the TSD 2021 in accordance with: MCE Arizona 102-21, and Arizona TSD 2021-mechanics PSC
11. A maximum of 20 percent of the project is permanently restricted general liability for all damages, any damage to be sustained or otherwise caused.


[illegible][illegible][illegible][illegible]

DEFERRED SUBMITTALS
THE BELOW ITEMS ARE TO BE DEFERRED SUBMITTALS TO BE SUBMITTED BY THE CONTRACTOR OR VENDOR TO THE AUTHORITY HAVING JURISDICTION.
<ul style="list-style-type: none"> FIRE SPRINKLE FIRE ALARM BUILDING SIGNAGE STRUCTURAL STEEL WALK IN COOLER / FREEZER PICKUP ASSOCIATE COVER

TECHNICAL:	MECHANICAL/PUMPS/ELECTRICAL ENGINEER:	FIRE PROTECTION ENGINEER:
MATHURSE CHC 0202 CHC 4017 PHONE 614-764-7600	WU PARTNERS ARCHITECT 207 DISCOVERY BOULEVARD DUBLIN, OHIO 43017 PHONE 614-854-7700	HENDERSON ENGINEERS, INC. 608 LINCOLN DRIVE, SUITE 300 LENEXA, KANSAS 66041 PHONE 724-5000
ACE DESIGN COLLECTIVE, PC 100 NORTH MATHER LUTHER KING JR. BOULEVARD CHICAGO, ILLINOIS 60610 PHONE 312-544-8893	REFRACTION ENGINEER: WYLLIAN R. KRANKER WYLLIAN R. KRANKER 1001 WEST STREET, SUITE 110 ROSELAND, ARIZONA 85188 PHONE 479-317-0516	STRUCTURAL ENGINEER (BACKUP): JOHNSTON BURKHOLDER ASSOCIATES, LLC 350 CENTRAL STREET BANGOR CITY, MICHIGAN 49810 PHONE 419-424-2400


As per 1a list in 10101

☐ 17. Precise accounting of all equipment and address equipment per City Ordinance.


 David A. Jones
 Date: 06-01-02

PLANNING ENGINEER	BUILDING/MECHANICAL/ELECTRICAL/UMBRELLA REVIEW	PLANNING/ISSUING REVIEW
CARLSON CONSULTING ENGINEERS INC 301 LEGATION COMMONS NORTON, TENNESSEE 37131 TEL: (615) 384-0404	TROY MICHIGAN BUILDING DEPARTMENT 500 IVY BLOSSOM ROAD TROY, MICHIGAN 48064-3234 PH: (313) 424-3344	TROY MICHIGAN BUILDING DEPARTMENT 500 IVY BLOSSOM ROAD TROY, MICHIGAN 48064-3234 PH: (313) 424-3344

*Training notes: DEPARTMENT OF PISCAP AREA, ILKOTIC OPERATIONS 1. "TRAINING SPACE: WHITE BOX AS NOTED" 2. "BOX: REMODEL AS NOTED" 3. "ASSISTANT MANAGER: REMODEL/REPAIRS AS NOTED" 4. "TRAINING ROOM: REMODEL/REPAIRS AS NOTED, RECYCLE CART: REPAIRS AS NOTED)		
FIRE REVIEW: TROY MICHIGAN BUILDING DEPARTMENT 300 W. BAKER ROAD TROY, MICHIGAN 48064-2554 TEL: (313) 424-3344	MOBILE REVIEW: MICHIGAN DEPARTMENT OF AGRICULTURE 125 W. ALLESTON STREET LANSING, MI 48203 TEL: (313) 773-0460	STORE MANAGER: JANE SARAH WALMART #2731 200 W. MAIN ST TROY, MICHIGAN 48064 TEL: (313) 424-3344



SHEET: C1



WALMART STORE
 2001 WILMADEN AVENUE, TROY, MI 48068
 (313) 486-1111

STANDARD FOR REUSE

THIS DOCUMENT IS NOT TO BE REUSED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF THE ORIGINAL OWNER. THE USER OF THIS DOCUMENT SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMISSIONS FROM THE ORIGINAL OWNER. THE USER SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMISSIONS FROM THE ORIGINAL OWNER.

CONTRACTS

1. PROJECT: 00000000000000000000
 2. TRACED: 00000000000000000000
 3. DATED: 00000000000000000000

ISSUE BLOCK

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COVER SHEET

1. PROJECT: 00000000000000000000
 2. TRACED: 00000000000000000000
 3. DATED: 00000000000000000000


CHECKED BY: SWE

DRAWN BY: 00000000000000000000

PHOTO CYCLE: 00000000000000000000

DOCUMENT DATE: 12/19/02

00229/00204



00229/00204

COVER SHEET

SHEET:

C1



Code Enforcement
SERVICES

117 NORTH FIRST STREET SUITE 70 ANN ARBOR, MI 48104 734.662.2200 734.662.1935 FAX

PLAN REVIEW #2
Recommended for Approval
Bulletin #3

Jurisdiction: Troy City
Date: 04/05/2024
Permit Number:
Site Address: 2001 W. Maple
Project Name: Bulletin #3
Property Owner: Walmart
Contractor:
Architect: WD Innovation at Scale
Use Group: M Choose an item. Choose an item.
Type of Construction: II-B
Fire Suppression: Yes **Type: NFPA 13**
Fire Alarm: Yes
Plan Reviewer: Craig Strong
Plan Reviewer Contact: (734) 662-2200 cstrong@cescode.com

Applicable Codes:

- ☒ 2015 Michigan Building Code
- ☐ 2015 Michigan Residential Code
- ☐ 2015 Michigan Rehabilitation Code (see compliance method below)
→ ☐ Compliance Method: Choose an item.
- ☒ 2018 Michigan Plumbing Code (MPC)
- ☒ 2015 Michigan Mechanical Code (MMC)
- ☒ 2017 Michigan Electrical Code (MEC)
- ☒ 2015 Michigan Energy Code Including ASHRAE 90.1-2013
- ☒ 2009 ICC A117.1 Standard for Accessible Buildings and Facilities

Comply with the following code sections: **Not Applicable.**

Deferred Submittal Items, Application, and Documents:

- ☐ Statement of special inspections must be provided to, and approved by, the authority having jurisdiction (MBC 1704.3; 1704.2.3).
- ☐ Special inspection reports must be provided to, and approved by, the authority having jurisdiction (MBC 1704.3; 1704.2.3).
- ☐ Automatic sprinkler, standpipe, and fire alarm systems documents.
- ☐ Energy code compliance report in accordance with ANSI/ASHRAE/IESNA Standard 90.1-2013 section 4.2.2.2 (include mechanical and electrical information).
- ☐ Hazardous materials report (MBC 414 & 307)
- ☐ Complete drawings for heating, ventilation, air conditioning, plumbing, and electrical.
- ☐ Carbon dioxide (CO2) systems[F] 908.7. Provide emergency alarm drawings and piping systems in accordance with Section 5307.5 & 5307.5.2 of the *International Fire Code*.

General Items for Informational Purposes Only:

1. The approved plans and plan review accompanying the building permit shall be present at the construction site and made available to the inspector upon request.
2. The building shall be marked with an approved address identification visible from the street.
3. Separate plans, permits, and inspections are required for the following types of work unless otherwise indicated as reviewed and approved:
 - a. Electrical
 - b. Mechanical
 - c. Plumbing
 - d. Grading
4. All work is subject to field inspections.
5. Sec. 410.7 of the MRCEB requires that where an alteration contains an area of primary function, the route to the primary function shall be accessible including toilet facilities and drinking fountains serving the area of primary function. In the event the existing route, or portions thereof, such as toilet rooms, drinking fountains, or reception counters are not in compliance with the current editions of the applicable standards such as ICC A117.1-2009, please:
 - a. modify those areas to comply
 - b. install new compliant facilities
 - c. indicate an applicable exception based on the codes, standards, or public acts
 - d. request and obtain a variance from the State of Michigan



Code Enforcement
SERVICES

117 NORTH FIRST STREET SUITE 70 ANN ARBOR, MI 48104 734.662.2200 734.662.1935 FAX

MEP Plan Review Electrical

Project Status:

RECOMMENDED FOR APPROVAL

City of Troy

Date: 4/3/2024

Site Address: 2001 W. Maple Rd.

Project: Walmart – Revisions from Addendum Add #2 dated 2-29-24

Plan Reviewer: Doug Weaver

Plan reviewers contact Information: dweaver@cescode.com

Code as Applicable:

2015 Michigan Building Code (MBC)

2015 Michigan Rehabilitation Code for Existing Buildings (MRCEB)

2021 Michigan Plumbing Code (MPC)

2021 Michigan Mechanical Code (MMC)

2023 Michigan Electrical Code (MEC)

2015 Michigan Energy Code + ANSI/ASHRAE/IES Standard 90.1 – 2013

2009 ICC A117.1 Standard for Accessible Buildings and Facilities

Correct the following deficiencies:

No Deficiencies

Douglas Weaver

Douglas Weaver

Date: 4/3/2024

The costs of providing the accessible route are not required to exceed 20% of the total costs of the alterations affecting the area of primary function (Act 230 of 1972: 125.1513(g) effective March 27, 2019).

Any additional comments not addressed above:

MEP Plan Review

Mech

Jurisdiction: Troy
Date: 2/22/24
Site Address: 2001 W Maple
Project: Walmart store #2873
Plan Reviewer: S. Glowinski
Plan reviewer contact Information: 248-396-3982

Code as Applicable:

2015 Michigan Building Code (MBC)
2015 Michigan Rehabilitation Code for Existing Buildings (MRCEB)
2018 Michigan Plumbing Code (MPC)
2015 Michigan Mechanical Code (MMC)
2017 Michigan Electrical Code (MEC)
2015 Michigan Energy Code + ANSI/ASHRAE/IES Standard 90.1 – 2013
2009 ICC A117.1 Standard for Accessible Buildings and Facilities

Scope of work: Renovation



Code Enforcement

SERVICES

Signed SDH Date 2/22/24

RECOMMENDED FOR APPROVAL

- * Plumbing. NA
- * Mechanical. Approved.