



Design Review Board Meeting
Tuesday, March 25, 2025 - 5:00 PM
AGENDA

1. Call to Order
2. Roll Call
3. Public Comment on items not on the agenda
4. TABLED - Application # 2-4-10 Certificate of Appropriateness; 28 A South Main Street - Sign
 - a. Application
5. Application # 1-20-20 Certificate of Appropriateness; 670 W. Coshocton Street - Sign
 - a. Application
6. Application # 1-12-5 Certificate of Appropriateness; 659 W. Coshocton Street
 - a. Application
7. Other Business
8. Adjourn

- Some of the requests below may not apply to your application.

- (1) A dimensioned site plan showing existing conditions including all structures, pavement, curb-cut locations, natural features such as tree masses and riparian corridors, and rights-of-way.
- (2) A dimensioned site plan showing the proposed site change including structures, pavement, revised curb-cut locations, landscaping, property lines and screening of mechanicals.
- (3) Illustration of all existing building elevations from street/ground to scale & picture of project before starting.
- (4) Illustrations of all proposed building elevations to scale & picture of project when it's finished.
- (5) Samples of proposed building materials.
- (6) Color samples for proposed roof, siding, etc.
- (7) Illustrations of all existing site signage including wall and ground.
- (8) Illustrations of proposed signage to scale.
- (9) A dimensioned site plan showing location of existing ground mounted signs.
- (10) A dimensioned site plan showing the proposed location of ground mounted signs.
- (11) Samples of proposed sign materials.
- (12) Color samples of proposed sign(s).
- (13) Proposed lighting plan for sign(s).
- (14) The applicant shall post one sign per public street frontage of the subject property within fifteen (15) feet of the curb indicating the subject, date, and time for a public hearing. The sign(s) shall be posted at least ten (10) days prior to the scheduled hearing. The sign(s) should be purchased at the Johnstown City Offices and will measure no less than two (2) feet by three (3) feet.

List of Materials that will be used on the project:

1. 
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

List of Contiguous Neighbors and Addresses:

1.	Neighbor's Name	Neighbor's Address	State	Zip Code
2.	Neighbor's Name	Neighbor's Address	State	Zip Code
3.	Neighbor's Name	Neighbor's Address	State	Zip Code
4.	Neighbor's Name	Neighbor's Address	State	Zip Code

The undersigned is applying for a Certificate of Appropriateness Permit for the following use: said permit is to be issued based on the information contained within this application. The applicant hereby certifies that all information and attachments to this application are true & correct and agrees to follow all applicable laws.

Date: 1/29/25

Date Received in Office: 2 / 4 / 25 By: T. Wymer

Date Permit Approved or Denied by Planning Commission: ____/____/____

Conditions Necessary for Approval: _____

City Manager Signature: x _____



PAID
JAN 29 2025
CITY OF JOHNSTOWN

SIGN PERMIT APPLICATION: CHAPTER #1177

Application Number: 2-4-20 Date: 2 / 4 / 25

FEES:

Base fee: \$150 - Sign size in sq. ft.: _____ @ \$.50 = \$_____

Total Amount: \$ 150 Paid: Check #: ✓ Cash: \$_____

1. Applicant: Cadi Fischer / Abby Robbins
2. Address: 612 Evans St City: Newark State: OH Zip: 43055
3. Phone: (614) 304-1827
4. E-mail Address: cadi.the.groomer@gmail Zoning District: GCC-1
5. Business Address: 28A S. Main St Johnstown, OH. 43031
6. Existing Use of Property: _____
7. Proposed Use of Property: Pet Grooming
8. Type of Sign:
 - Canopy / Awning: _____ Size: _____
 - Identification: (Name & Address of business only): Size: 16" x 7"
 - Marquee: _____ Size: _____
 - Projecting: _____ Size: _____
 - Wall: _____ Size: _____
 - Monument: _____ Size: _____
 - Other: _____ Size: _____

9. Wording on Sign: The Mystic Mutt 614-304-1827 Groovy Grooms 740-963-3760

10. Elevation: Length: _____ ft. Width: _____ ft. Height: _____ ft.

11. sticker on front door

Certificate of Zoning Compliance Required. It shall be unlawful to use or occupy or permit the use or occupancy of any building or premises, or both, or part thereof hereafter created, erected, changed, converted, or wholly or partly altered or enlarged in its use or structure until a Certificate of Zoning Compliance shall have been issued therefor by the Zoning Inspector stating that the proposed use of the building or land conforms to the requirements of this Ordinance.

Application for Certificate of Zoning Compliance. Certificates of Zoning Compliance shall be applied for by the applicant giving written notice to the Zoning Inspector that the exterior erection or structural alteration of such building shall have been completed in conformance with the provisions of this Ordinance.

IN ADDITION, THE FOLLOWING ITEMS MUST ACCOMPANY THIS APPLICATION:

- A set of one (1) of scale plans and dimensioned drawings showing the lot, with location of existing and proposed buildings their height and planned alterations are required.
- Attach any requested, supplemental or necessary documentation such as: Number of dimensions of existing and proposed off-street parking or loading spaces, applicable. Other material may be requested by the Zoning Inspector to determine conformance with and provide for the enforcement of this ordinance.
- For all new businesses or change of business use, for all commercial buildings with interior remodeling projects you are required to notify the Johnstown Monroe Fire Inspector at (740) 967-2976 of business and interior structure changes. A Licking County Building Department Permit is required for all structural changes, electrical, HVAC and plumbing. Their contact number is (740) 349-6671. (Ask for Heidi or Erin)

The undersigned is applying for a Zoning Permit for the following use to be issued based on the information contained within this application. The applicant hereby certifies that all information and attachments to this application are true & correct and agrees to follow all applicable regulations.

Applicant's Signature: C. Griffith Date: 1 / 29 / 25

OFFICE USE ONLY:

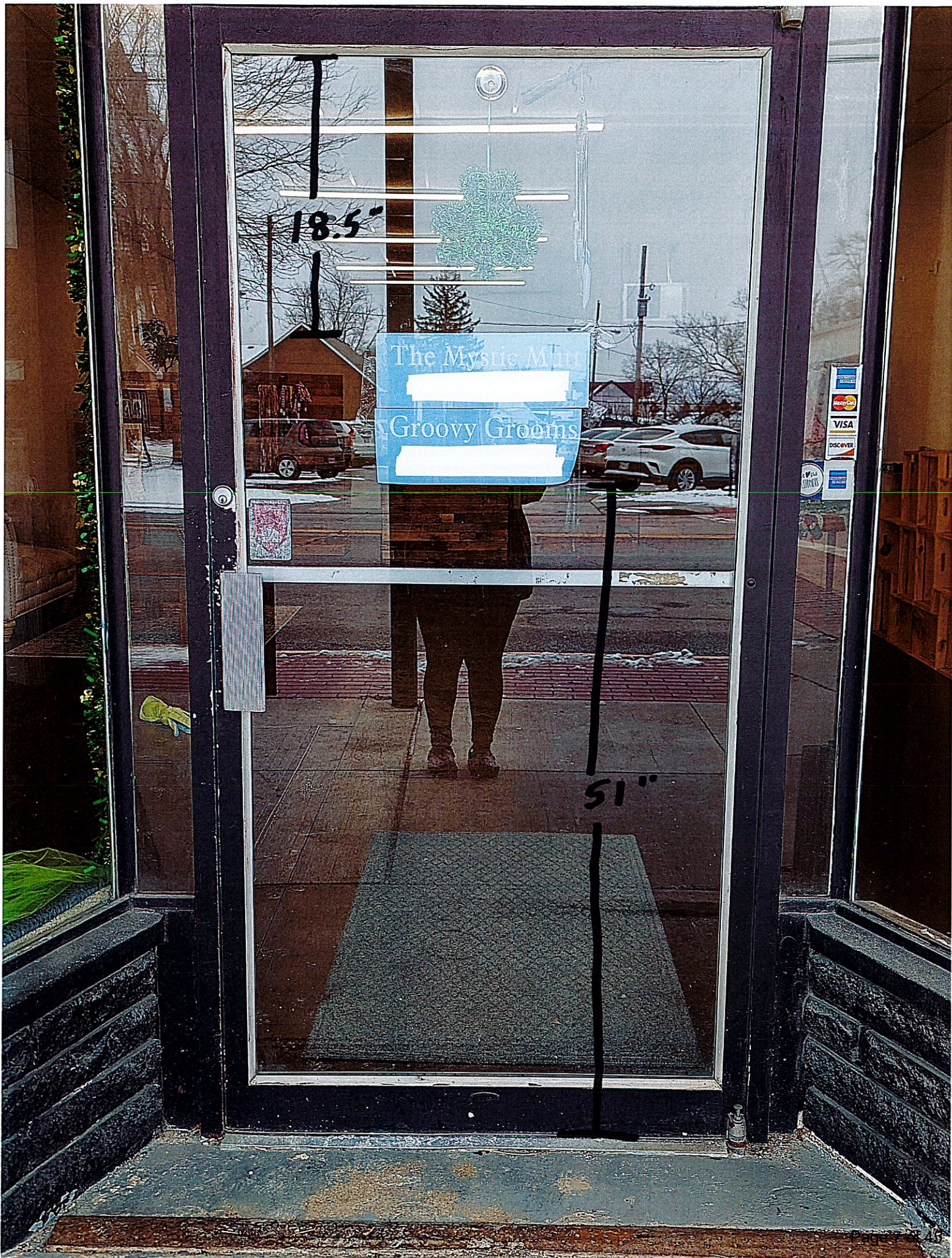
Date Received in Office: 2 / 4 / 25 By: J. Wymer

Permit was Approved Issued on Date: _____/_____/_____

Permit was Denied on Date: _____/_____/_____

Zoning Code Enforcement Official: x _____
or City Manager.

Additional comments or requirements:

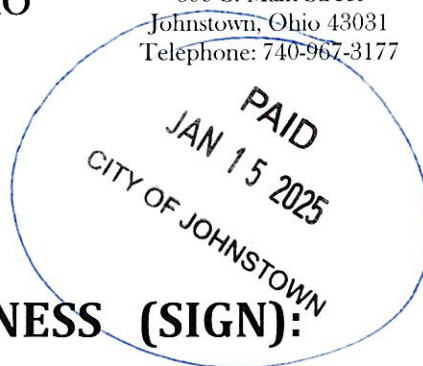
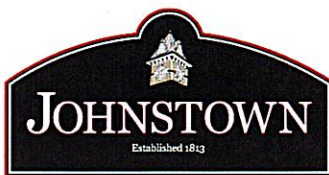


18.5"

The Mystic Mini
Groovy Grooms

51"





CERTIFICATE OF APPROPRIATENESS (SIGN):

Application Number: 1-20-20 Date: 1/20/25

FEES:

Base Fee: \$ 75

Total Fee Amount: \$ 75.00 Paid: Check # _____ Cash: \$ _____

(PLEASE PRINT)

1. Applicant: Prestige Driving Academy Phone: (614) 933-3170
2. Property Address: 670 W Coshocton St. Suite B City: Johnstown State: OH Zip: 43031
3. Applicant's E-mail: dgsku71@gmail.com
4. Business Owner's Name: David Schuler Phone: (740) 361-5134
5. Contractor's Name: _____ Phone: (____) ____ - _____
6. Principal Business Activity: Driving School
7. Existing Use of Property: Driving School
8. Square Footage of Proposed Building or Business: _____ sq. ft.
9. Zoning District: GCC-2 Number of Off-Street Parking Spaces: _____
10. Estimated Cost of Improvements: \$ _____

IN ADDITION, THE FOLLOWING ITEMS MUST ACCOMPANY THIS APPLICATION:

- (Conditional) Eight full sets (11x17) of to scale plans and dimensioned drawings showing the property, with all elevations and the location of existing and proposed buildings and alterations are required. Attach any requested, supplemental or necessary documentation.

Some of the requests below may not apply to your application.

- (1) A dimensioned site plan showing existing conditions including all structures, pavement, curb-cut locations, natural features such as tree masses and riparian corridors, and rights-of-way.
- (2) A dimensioned site plan showing the proposed site change including structures, pavement, revised curb-cut locations, landscaping, property lines and screening of mechanicals.
- (3) Illustration of all existing building elevations from street/ground to scale & picture of project before starting.
- (4) Illustrations of all proposed building elevations to scale & picture of project when it's finished.
- (5) Samples of proposed building materials.
- (6) Color samples for proposed roof, siding, etc.
- (7) Illustrations of all existing site signage including wall and ground.
- (8) Illustrations of proposed signage to scale.
- (9) A dimensioned site plan showing location of existing ground mounted signs.
- (10) A dimensioned site plan showing the proposed location of ground mounted signs.
- (11) Samples of proposed sign materials.
- (12) Color samples of proposed sign(s).
- (13) Proposed lighting plan for sign(s).
- (14) The applicant shall post one sign per public street frontage of the subject property within fifteen (15) feet of the curb indicating the subject, date, and time for a public hearing. The sign(s) shall be posted at least ten (10) days prior to the scheduled hearing. The sign(s) should be purchased at the Johnstown City Offices and will measure no less than two (2) feet by three (3) feet.

List of Materials that will be used on the project:

1. _____ 2. _____
3. _____ 4. _____
5. _____ 6. _____
7. _____ 8. _____

List of Contiguous Neighbors and Addresses:

- | | | | | |
|----|-----------------|--------------------|-------|----------|
| 1. | _____ | _____ | _____ | _____ |
| | Neighbor's Name | Neighbor's Address | State | Zip Code |
| 2. | _____ | _____ | _____ | _____ |
| | Neighbor's Name | Neighbor's Address | State | Zip Code |
| 3. | _____ | _____ | _____ | _____ |
| | Neighbor's Name | Neighbor's Address | State | Zip Code |
| 4. | _____ | _____ | _____ | _____ |
| | Neighbor's Name | Neighbor's Address | State | Zip Code |

The undersigned is applying for a Certificate of Appropriateness Permit for the following use: said permit is to be issued based on the information contained within this application. The applicant hereby certifies that all information and attachments to this application are true & correct and agrees to follow all applicable laws.

Applicant's Signature: x [Signature] Date: 12/17/2024

OFFICE USE ONLY:

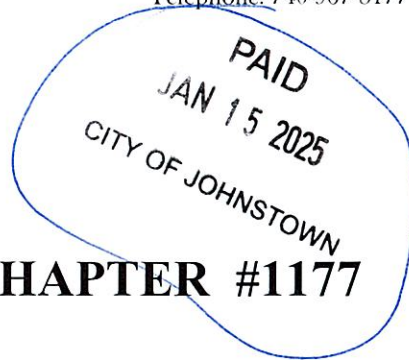
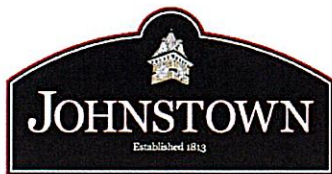
Date Received in Office: 1/20/25 By: T. Wymer

Date of Planning and Zoning Commission Meeting: 3 / 25 / 25

Date Permit Approved or Denied by Planning Commission: ____/____/____

Conditions Necessary for Approval: _____

City Manager Signature: x _____



SIGN PERMIT APPLICATION: CHAPTER #1177

Application Number: 1-20-30 Date: 1/20/25

FEES:

Base fee: \$150 - Sign size in sq. ft.: 12 @ \$.50 = \$ 6.00

Total Amount: \$ 156.00 Paid: Check #: _____ Cash: \$ _____

1. Applicant: Prestige Driving Academy
2. Address: 670 W. Cochran St. Suite B City: Johnstown State: OH Zip: 43031
3. Phone: (614) 933-3170
4. E-mail Address: dgshu71@gmail.com Zoning District: GCC-2
5. Business Address: 670 W. Cochran St. Suite B Johnstown, OH. 43031
6. Existing Use of Property: Driving School
7. Proposed Use of Property: Driving School
8. Type of Sign:
 - Canopy / Awning: _____ Size: _____
 - Identification: (Name & Address of business only): Size: 8 FT x 1.5 FT
 - Marquee: _____ Size: _____
 - Projecting: _____ Size: _____
 - Wall: _____ Size: _____
 - Monument: _____ Size: _____
 - Other: _____ Size: _____
9. Wording on Sign: Prestige Driving Academy
10. Elevation: Length: 8 FT ft. Width: 3/4" ft. Height: 1.5 ft.

11. Contractor Information:

Name: _____

Address: _____ City: _____ State: _____ Zip: _____

E-mail: _____

Contractor Business Phone Number: (____) ____ - _____

IN ADDITION, THE FOLLOWING ITEMS MUST ACCOMPANY THIS APPLICATION:

- Attach two (2) sets of sign drawings, scaled and with colors of all signs and their locations on the building. If the sign is free standing include a plot plan.
- Attach Certificate of Liability Insurance.

The undersigned is applying for a Sign Permit for the following use: said permit to be issued based on information contained within this application. The applicant hereby certifies that all information and attachments to this application are true and correct and agrees to follow all applicable regulations, refer to ordinance #1177.01 through #1177.99.

Applicant's Signature:  Date: 12 / 17 / 2024

OFFICE USE ONLY:

Date Received in Office: 1 / 20 / 25

Received By: T. Wymer

Date Permit Issued: _____ / _____ / _____ By: _____

Date of Inspection If Required: _____ / _____ / _____ By: _____

Zoning Code Enforcement Official: x _____

Additional Comments: _____



Terry Wymer

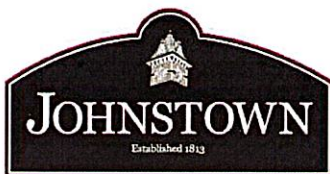
From: David Schuler <classroom@prestigedrivingacademy.com>
Sent: Wednesday, February 12, 2025 2:41 PM
To: Terry Wymer
Subject: Re: Permits
Attachments: Prestige Logo JPG.jpg

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

- The sign is made out of PVC material
- The Colors are that of our logo. Royal Blue and Lime Green
- Proposed lighting plan for sign: N/A (No lighting) It hangs over our door with 3 bolts.

On Tue, Feb 11, 2025 at 10:09 AM Terry Wymer <twymer@johnstownohio.org> wrote:

Hey David –



PAID
FEB 11 2025
CITY OF JOHNSTOWN

CERTIFICATE OF APPROPRIATENESS: CHAPTER #1187

Application Number: 1-12-5 Date: 1/12/25

FEES:

Base Fee: \$ 300

Total Fee Amount: \$ 300 Paid: Check # 1568 Cash: \$ _____

(PLEASE PRINT)

1. Applicant: Kiler Hall Phone: (313) 777 - 0180
2. Property Address: 659 West Coshocton St City: Johnstown State: OH Zip: 43031
3. Applicant's E-mail: kiler.hall@bureauveritas.com
4. Business Owner's Name: Johnstown Retail Investments LLC Phone: (313) 777 - 0180
5. Contractor's Name: TBD Phone: () -
6. Principal Business Activity: General Community Commercial (GCC-2)
7. Existing Use of Property: Commercial Retail
8. Square Footage of Proposed Building or Business: 22,368 sq. ft.
9. Zoning District: _____ Number of Off-Street Parking Spaces: NA
10. Estimated Cost of Improvements: \$ 600,000.00

IN ADDITION, THE FOLLOWING ITEMS MUST ACCOMPANY THIS APPLICATION:

- (Conditional) Eight full sets (11x17) of to scale plans and dimensioned drawings showing the property, with all elevations and the location of existing and proposed buildings and alterations are required. Attach any requested, supplemental or necessary documentation. **(Required only if asked for by the Zoning Inspector.)**

List of Materials that will be used on the project:

- | | |
|----------------------------------|------------------------------|
| 1. Doors, frames & hardware | 2. Vinyl plank flooring |
| 3. Paint | 4. Seismic fixture anchoring |
| 5. Fire alarm & security systems | 6. Concrete Sealer |
| 7. Electrical panels | 8. Pallet racking |

List of Contiguous Neighbors and Addresses:

- | | | | | |
|----|---------------------------|---------------------------|-----------|--------------|
| 1. | <u>McDonald's</u> | <u>625 W Coshocton St</u> | <u>OH</u> | <u>43031</u> |
| | Neighbor's Name | Neighbor's Address | State | Zip Code |
| 2. | <u>Goodwill</u> | <u>715 W Coshocton St</u> | <u>OH</u> | <u>43031</u> |
| | Neighbor's Name | Neighbor's Address | State | Zip Code |
| 3. | <u>Dragon China</u> | <u>723 W Coshocton St</u> | <u>OH</u> | <u>43031</u> |
| | Neighbor's Name | Neighbor's Address | State | Zip Code |
| 4. | <u>Advance Auto Parts</u> | <u>733 W Coshocton St</u> | <u>OH</u> | <u>43031</u> |
| | Neighbor's Name | Neighbor's Address | State | Zip Code |

The undersigned is applying for a Certificate of Appropriateness Permit for the following use: said permit is to be issued based on the information contained within this application. The applicant hereby certifies that all information and attachments to this application are true & correct and agrees to follow all applicable laws.

Applicant's Signature: X Kiler Hall Date: 12 / 12 / 24

OFFICE USE ONLY:

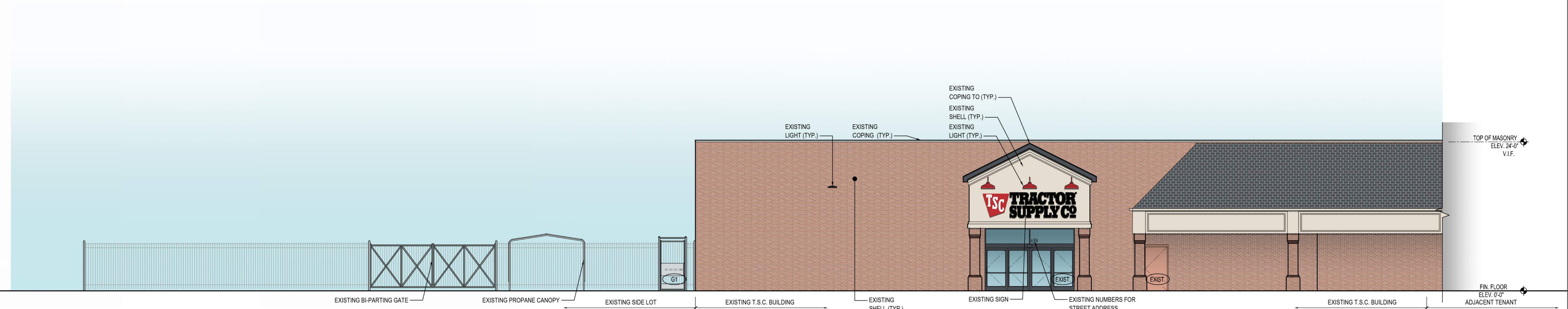
Date Received in Office: 1 / 12 / 25 By: T. Wymer

Date of Planning and Zoning Commission Meeting: ____/____/____

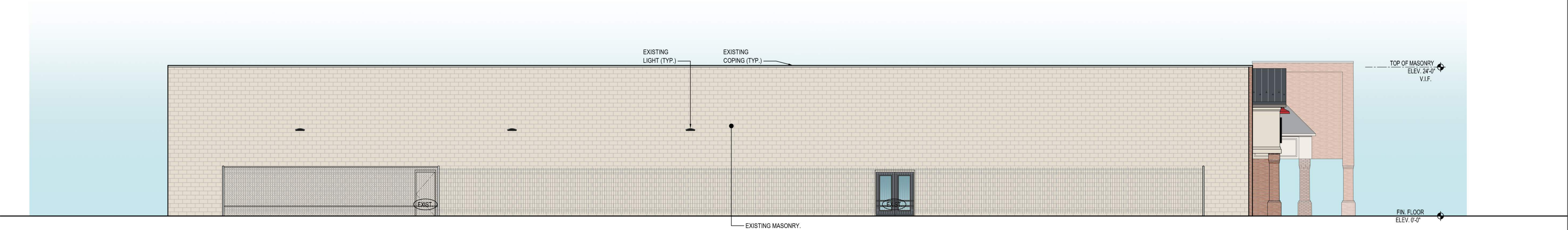
Date Permit Approved or Denied by Planning Commission: ____/____/____

Conditions Necessary for Approval: _____

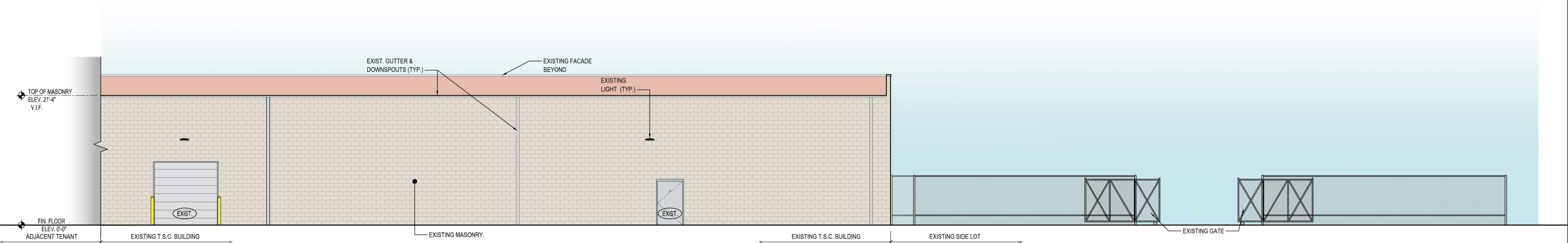
City Manager Signature: x _____



A FRONT
EXTERIOR ELEVATION
1/8" = 1'-0"

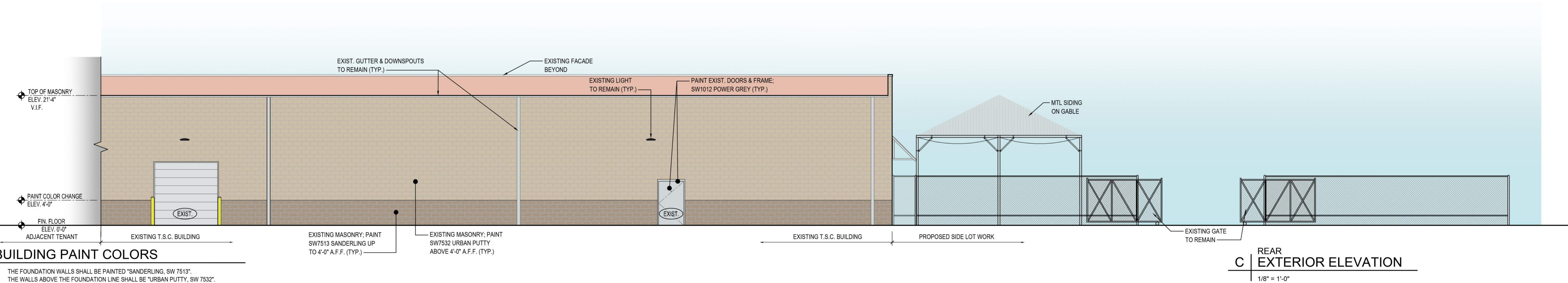
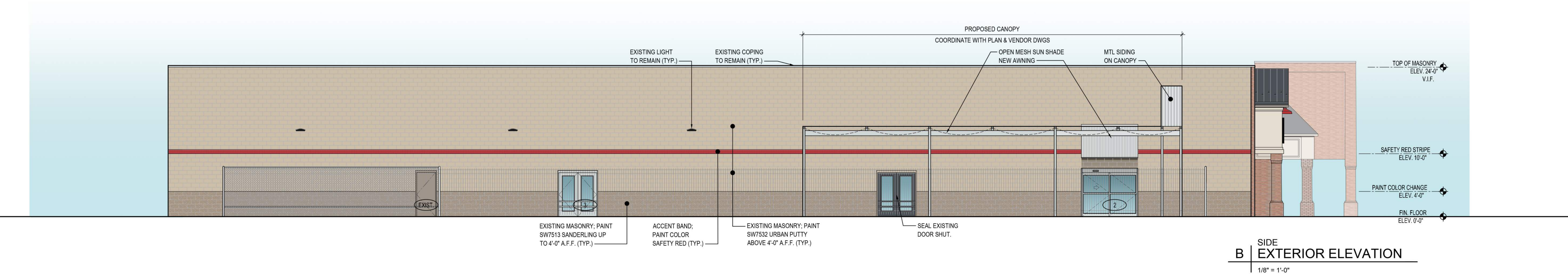
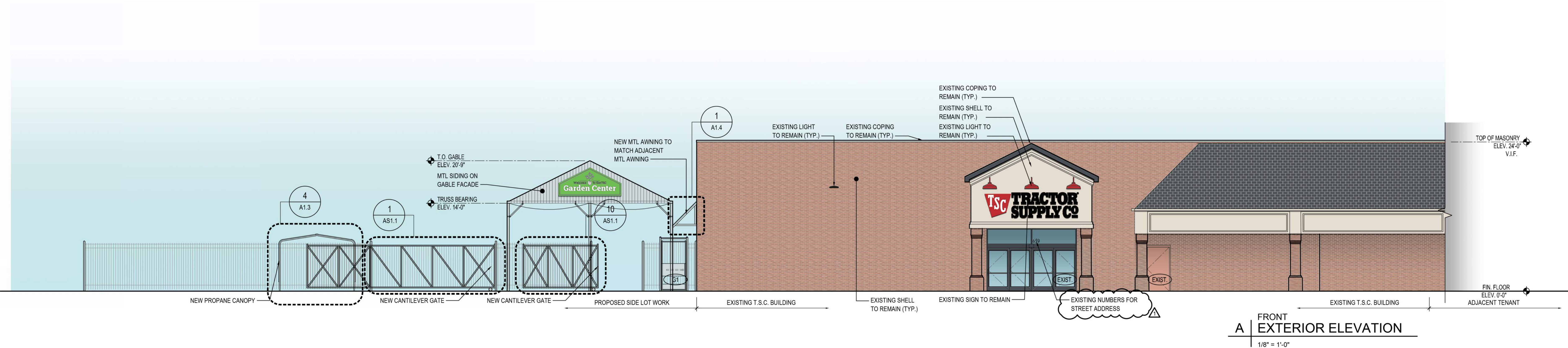


B SIDE
EXTERIOR ELEVATION
1/8" = 1'-0"



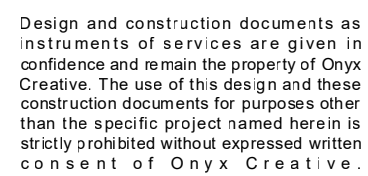
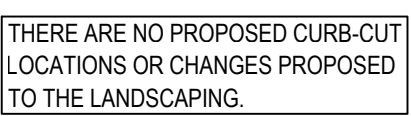
C REAR
EXTERIOR ELEVATION
1/8" = 1'-0"

Design and construction documents as instruments of services are given in confidence and remain the property of Onyx Creative. The use of this design and these construction documents for purposes other than the specific project named herein is strictly prohibited without expressed written consent of Onyx Creative.



BUILDING PAINT COLORS

- THE FOUNDATION WALLS SHALL BE PAINTED "SANDERLING, SW 7513".
- THE WALLS ABOVE THE FOUNDATION LINE SHALL BE "URBAN PUTTY, SW 7532".
- THE BUILDING TRIM COLORS SHALL BE FIRESTONE "ALMOND SR" OR BERRIDGE "ALMOND".



Tsc

TRACTOR SUPPLY CO.

COMBO PROJECT

659 WEST COSHOCTON ST.

JOHNSTOWN, OH 43031

ABBREVIATION LIST

ABOVE FINISHED FLOOR	AFF	LAMINATED PLASTIC	LAM
ADJUSTABLE	ADJ	LANDLORD	LL
ALUMINUM	ALUM	LEFT-HAND	LH
ANCHOR BOLT	AB	LONG LEG HORIZONTAL	LH
APPROXIMATELY	APPROX	LONG LEG VERTICAL	LG
ARCHITECTURAL	ARCH	LONG	LG
AT	@	MANHOLE	MH
BEAM	BM	MANUFACTURER	MFR
BEARING	BRG	MASONRY OPENING	MO
BLOCKING	BLKG	MATERIAL	MATL
BOARD	BD	MAXIMUM	MAX
BOTTOM	BTM or B/	MECHANICAL	MECH
BUILDING	BLDG	METAL	MTL
CATCH BASIN	CB	MINIMUM	MIN
CEILING	CLNG	MISCELLANEOUS	MISC
CENTER TO CENTER	C/C	MOUNTED	MTO
CENTERLINE	CL	NOT APPLICABLE	NA
CLEAN OUT	CO	NOT IN CONTRACT	NIC
COLUMN	COL	NOT TO SCALE	NTS
CONCRETE MASONRY UNIT	CMU	ON CENTER	OC or o.c.
CONCRETE	CONC	OPENING	OPNG
CONSTRUCTION	CONST	OPPOSITE	OPP
CONTINUOUS	CONT	OUTSIDE DIAMETER	OD
CONTROL JOINT	CJ	OVERFLOW ROOF DRAIN	ORD
COURSE	CRS	PAINT	PAINT
DIAMETER	DIA	PAIR	PR
DIMENSION	DIM	PLASTIC LAMINATE	PLAM
DOWN	DN	PLATE	PL
DOWNSPOUT	DS	PLUS OR MINUS	+/-
DRAWING	DWG	PLYWOOD	PLWD
EACH FACE	EF	POINT OF SALE	POS
EACH WAY	EW	PRESERVATIVE TREATED	PPT
EACH	EA	PROPERTY LINE	PL
ELECTRIC	ELEC	QUARRY TILE	QT
ELECTRIC WATER COOLER	EWIC	RADIUS	RAD or R
ELEVATION	ELEV	RAIN WATER CONDUCTOR	RWC
EQUAL	EQ	REINFORCED	REINF
EXISTING	EXIST	REQUIRED	REQD
EXPANSION JOINT	EJ	REVISION	REV
EXTERIOR	EXT	RIGHT HAND	RH
EXTERIOR INSULATION & FINISH SYSTEM	EIFS	RIGHT OF WAY	ROW
FIBER REINFORCED PLASTIC	FRP	ROOF DRAIN	RD
FINISH	FIN	SECTION	SECT
FINISHED FLOOR	FF	SHEET	SHT
FIRE EXTINGUISHER CABINET	FEC	SIMILAR	SIM
FIRE RETARDANT TREATED	FRT	SPECIFICATION	SPEC
FIXTURE	FIXT	SQUARE FEET	SF
FLOOR	FLR	STAINLESS STEEL	SS
FLOOR DRAIN	FD	STANDARD	STD
GALVANIZED	GALV	STEEL	STL
GALVE	GA	STRUCTURAL	STRUCT
GENERAL CONTRACTOR	GC	SUSPENDED	SUSP
GLASS	GL	TELEPHONE	TEL
GLASS FIBER REINFORCED CONCRETE	GFRG	TONGUE AND GROOVE	T&G
GLASS FIBER REINFORCED GYPSUM	GFRG	TOP OF	T/
GYPSUM BOARD	GYP BD	TOP OF JOIST	T/J
HANDICAPPED	HCPD	TOP OF MASONRY	TOM
HARDWOOD	HDWD	TOP OF STEEL	TOS
HEATING/VENTILATING/AIR CONDITIONING	HVAC	TYPICAL	TYP
HEAVY DUTY	HD	UNLESS NOTED OTHERWISE	UNO
HOLLOW CORE	HC	VERTICAL	VERT
HOLLOW METAL	HM	VINYL COMPOSITION TILE	VCT
HORIZONTAL	HORIZ	VINYL TILE	VT
HOSE BIBB	HB	VINYL WALL COVERING	VWC
HOT WATER HEATER	WH	WALL COVERING	WVC
HOUR	HR	WELDED WIRE FABRIC	WWF
INSIDE DIAMETER	ID	WITH	W/
INSULATION	INSUL	WITHOUT	W/O
INTERIOR	INT	WOOD	WD
JOIST BEARING	JB	WORK POINT	WP

GENERAL NOTES (WHERE APPLICABLE)

1. THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, AIA A-201, 2017 IS APPLICABLE TO THE PROJECT AND INCLUDED HERE-IN BY REFERENCE.
2. DO NOT SCALE DRAWINGS. REQUEST CLARIFICATION FROM THE ARCHITECT TO RESOLVE DISCREPANCIES OR TO SUPPLY ADDITIONAL INFORMATION.
3. INTERIOR DIMENSIONS ARE TO FACE OF GYPSUM BOARD - U.N.O.
4. FINISH FLOOR ELEVATIONS SHALL BE FROM TOP OF CONCRETE FLOOR SLAB OR TOP OF FLOOR SHEATHING WHERE APPLICABLE - U.N.O.
5. WORK IS TO BE PERFORMED IN ACCORDANCE WITH APPLICABLE CODES, CONDITIONS STATED ON THE PERMIT DOCUMENTS, LOCAL ORDINANCES, THE U.S. DEPARTMENT OF JUSTICE 2010 ADA STANDARDS, AND THE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION (AHJ).
6. WOOD NOT CLASSIFIED AS INTERIOR FINISH MATERIAL SHALL BE FIRE RETARDANT TREATED. USE AN EXTERIOR GRADE FRT PRODUCT IN EXTERIOR WALL CONSTRUCTION, ROOF RELATED CONSTRUCTION AND FLASHING CONDITIONS.
7. WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE PRESERVATIVE TREATED.
8. WHERE EXISTING STRUCTURAL STEEL IS PROTECTED WITH A FIREPROOFING MATERIAL, PROTECT DURING DEMOLITION, ALTERATION AND CONSTRUCTION. PATCH AND REPAIR ANY MISSING OR DAMAGED FIREPROOFING TO MAINTAIN PROTECTION OF THE STRUCTURE.
9. AT PENETRATIONS THROUGH FIRE RATED ASSEMBLIES, PROVIDE PROTECTION MEETING THE REQUIREMENTS OF ASTM E-814 AND BEARING THE APPROPRIATE U.L. LABEL FOR THE CONDITION.
10. DESIGN & SELECTION OF SUPPORTS, BRACES, ANCHORS, ATTACHMENTS AND RELATED FASTENERS, UNLESS SHOWN ON THE DRAWINGS OR IN THE SPECIFICATIONS, IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR, UTILIZING INDUSTRY STANDARD MATERIALS AND METHODS SUITABLE TO THE CONDITION.
11. WALL AND CEILING MOUNTED ITEMS, INCLUDING BUT NOT LIMITED TO REGISTERS, DIFFUSERS, GRILLES, SPEAKERS, CLEAN-OUTS AND COVER PLATES, WHETHER FACTORY PRE-FINISHED OR NOT, WHICH DO NOT MATCH THE ADJACENT WALL OR CEILING COLOR SHALL BE FIELD PAINTED, UNLESS OTHERWISE NOTED. COLOR AND FINISH TO BE APPROVED BY THE ARCHITECT.
12. COMPLY WITH SPECIAL WORKING CONDITIONS RELATING TO THE PROJECT, INCLUDING BUT NOT LIMITED TO REQUIREMENTS FOR TEMPORARY PROTECTION, TRASH MANAGEMENT, NOISE, LIGHT, DUST AND POLLUTION CONTROL, AND LIMITATIONS ON WORKING HOURS.

CONTACTS

SR. CONSTRUCTION MANAGER

TRACTOR SUPPLY CO.
5401 VIRGINIA WAY BRENTWOOD, TN 37027
CONTACT: JR. OSBORN
PH: 615-948-9088
E: josborn@tractorsupply.com

CONSTRUCTION MANAGER

TRACTOR SUPPLY CO.
5401 VIRGINIA WAY BRENTWOOD, TN 37027
CONTACT: DANNY OWENS
PH: 615-440-4391
E: downens@TractorSupply.com

ARCHITECT

ONYX CREATIVE, INC.
25001 EMERY ROAD, SUITE 400 CLEVELAND, OH 44128
CONTACT: COLLEEN KURIAWAN
PH: 216-223-3246
E: ckuriawan@onyxcreative.com
CONTACT: JOSH MAUS
PH: 216-223-3255
E: jmaus@onyxcreative.com
GARDEN CENTER ENGINEER
PROSPIANT
5513 VINE STREET CINCINNATI, OH 45217
CONTACT: GLENN STEITZ
PH: 513-223-0310
E: gsteitz@prospiant.com

ENGINEER (MEP)

BLUESTREAK CONSULTING
25001 EMERY ROAD, SUITE 400 CLEVELAND, OH 44128
CONTACT: RICHARD KNAPP
PH: 216-223-3294
E: rknapp@bluestreak-consulting.com

CIVIL ENGINEER

PROJECT SUMMARY

THE PROPOSED PROJECT CONSISTS OF INTERIOR AND EXTERIOR ALTERATIONS TO THE EXISTING TRACTOR SUPPLY CO. STORE. THE STORE WILL HAVE A GRAND REOPENING ONCE CONSTRUCTION IS COMPLETE.

THE INTERIOR WORK IS CALLED "THE FUSION PROJECT" WHICH CONSISTS OF A FULL SCALE REMODEL, NEW FIXTURE LAYOUT, AND ADDITIONAL OUTLETS TO THE REMODELED SALES FLOOR.

THE ADDITION OF THE EXTERIOR GARDEN CENTER IS CALLED "THE SIDE LOT PROJECT". THE PRIMARY FUNCTION IS TO PROVIDE A NEW CUSTOMER EXPERIENCE WITHIN THE EXISTING PERIMETER FENCING OF THE OUTDOOR SIDE YARD.

KEY FEATURES INCLUDE A SUNSHADE CANOPY WITHIN A "DEDICATED" GARDEN CENTER AREA AND A DRIVE-THROUGH LANE WHICH UTILIZES THE EXISTING LANE & GATES. THE DRIVE AISLE IS TO BE USED AS A CUSTOMER PICK-UP AREA TO RELOCATE THE EXISTING SERVICE OF A CURBSIDE PICKUP ZONE IN THE PARKING LOT. NO CHANGES TO THE OVERALL SIZE OF THE IMPERVIOUS SIDE YARD IS PROPOSED AND WILL BE COMPLETELY CONTAINED WITHIN THE EXISTING FENCED AREA.

VICINITY MAP



APPLICABLE CODES

2024 OHIO EXISTING BUILDING CODE
2024 OHIO BUILDING CODE
2021 OHIO ENERGY CODE
2024 OHIO MECHANICAL CODE
2024 OHIO PLUMBING CODE
2021 OHIO FUEL GAS CODE
2017 OHIO FIRE CODE
2023 OHIO ELECTRICAL CODE

CONTRACTOR RESPONSIBILITIES

CONTRACTOR SHALL VERIFY EXISTING CONDITIONS ON SITE. DISCREPANCIES BETWEEN DRAWINGS AND EXISTING CONDITIONS AS WELL AS DISCREPANCIES BETWEEN LANDLORD WORK AND TSC WORK SHALL BE BROUGHT TO THE ATTENTION OF TSC AND ARCHITECT IN WRITING PRIOR TO BID SUBMISSION

CONTRACTOR SHALL FILL OUT THEIR OWN PUNCH LIST PRIOR TO T.S.C. P.M. ARRIVING TO COMPLETE THE PROJECT PUNCH FOR T.S.C. CONTRACTOR SHALL COMPLETE THE SELF-PUNCH AND SUBMIT WITHIN FIVE DAYS. T.S.C. P.M. WILL REVIEW AND COMPLETE THEIR OWN PUNCH AT WHICH TIME CONTRACTOR WILL HAVE SEVEN DAYS TO CORRECT ALL ITEMS.

ALL ROOF VENTS / PENETRATIONS ARE TO BE FLASHED AS RECOMMENDED BY ROOFING SYSTEM MANUFACTURER AND PREFORMED BY LANDLORD'S ROOFING CONTRACTOR.

CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND THE APPLICABLE SCOPE OF PROJECT.

CHANGE ORDER POLICY

TRACTOR SUPPLY COMPANY SHALL NOT BE RESPONSIBLE FOR THE PAYMENT OF ANY WORK PERFORMED OR MATERIAL SUPPLIED BY THE CONTRACTOR OR ANY OF ITS SUB- CONTRACTORS, SUB-SUBCONTRACTORS AND ANYONE CLAIMING BY THROUGH OR UNDER ANY OF THEM WHICH IS NOT IDENTIFIED IN WRITING AND SIGNED BY ONE OF THE FOLLOWING TRACTOR SUPPLY COMPANY PERSONNEL: VICE PRESIDENT OF REAL ESTATE, VICE PRESIDENT OF CONSTRUCTION, OR A CONSTRUCTION PROJECT MANAGER. NO ACTION, CONDUCT, OMISSION, PRIOR FAILURE, OR COURSE OF DEALING BY TRACTOR SUPPLY COMPANY SHALL ACT TO WAIVE, MODIFY, CHANGE OR ALTER THE REQUIREMENT THAT ALL WORK, WHETHER BY CONTRACT, CHANGE ORDER OR CHANGE DIRECTIVE, MUST BE IN WRITING AND SIGNED BY THE PERSONNEL IDENTIFIED IN THIS PROVISION. ANY WORK PERFORMED OR MATERIAL PROVIDED BY THE CONTRACTOR, ANY OF ITS SUB-CONTRACTORS, SUB- SUBCONTRACTORS CONTRARY TO THIS PROVISION SHALL BE AT ITS OWN RISK AND OWN EXPENSE AND TRACTOR SUPPLY COMPANY SHALL NOT BE OBLIGATED TO REIMBURSE OR PAY THE CONTRACTOR OR ANY OF ITS SUB-CONTRACTORS, SUB- SUBCONTRACTORS FOR SAME.

DEFERRED SUBMITTALS

THE FOLLOWING DRAWINGS WILL BE SUBMITTED AT A LATER DATE:

1. FIRE ALARM SHOP DRAWINGS
2. GARDEN CENTER CANOPY SHOP DRAWINGS
3. PROPANE CANOPY SHOP DRAWINGS

NOTE: CONTACT DIRECTOR OF ARCHITECTURE TO OBTAIN MICROSOFT TEAMS LINK FOR DOWNLOAD OF STANDARD CRITERIA PLANS, DWG/CAD FILES OR PDFS, AND/OR ANY SUPPLEMENTAL INFORMATION INCLUDED WITH THE STANDARD CRITERIA PLAN RELEASE.

ERRC COMPLIANCE / TESTING

WHERE REQUIRED BY THE AHJ, CONTRACTOR SHALL ENGAGE AN INDEPENDENT EMERGENCY RESPONDER RADIO COVERAGE (ERRC) TESTING COMPANY TO VERIFY SIGNAL STRENGTH INSIDE OF BUILDING (AFTER THE COMPLETION OF CONSTRUCTION & PLACEMENT OF MERCHANDISE), INCLUDING ALL CRITICAL REQUIRED AREAS. IF SIGNAL STRENGTH IS NOT ADEQUATE TO THE AHJ STANDARDS, CONTACT AOR FOR ERRC IMPROVEMENT PACKAGE.

DRAWING INDEX

		REVISIONS			
		1-14-25			
T1.0	COVER SHEET				
T1.1	VENDOR INFORMATION				
T1.2	GENERAL NOTES				
CIVIL					
C1	NOT USED				
C2	NOT USED				
ARCHITECTURAL					
AS1.0	SITE PLAN				
AS1.1	SITE DETAILS				
LS1.0	LIFE SAFETY PLAN				
D1.0	DEMOLITION PLAN				
A0.0	NOTES & DOOR / HARDWARE SCHEDULES				
A0.1	FINISH SCHEDULES				
A0.2	CONCRETE & EPOXY SPECIFICATION				
A1.0	FLOOR PLAN				
A1.1	OFFICE CORE PLAN, ELEV. & DETAILS				
A1.2	NOT USED				
A1.2a	NOT USED				
A1.3	PROPANE DETAIL & SPECIFICATIONS				
A1.4	ARCHITECTURAL DETAILS				
A1.5	NOT USED				
A2.0	FIXTURE PLAN				
A2.1	PRE-FAB FIXTURE DETAILS				
A3.0	REFLECTED CEILING PLAN				
A5.0	INTERIOR ELEVATIONS & DETAILS				
A6.0	EXTERIOR ELEVATIONS				
FIXTURE & RACKING SEISMIC ANCHORING					
A9.0	NOT USED				
A9.1	NOT USED				
A9.2	NOT USED				
A9.3	NOT USED				
F1.0	NOT USED				
F2.0	NOT USED				
STRUCTURAL					
S1.0	STRUCTURAL DETAILS				
S2.0	STRUCTURAL PROPANE PLAN & DETAILS				
MECHANICAL & PLUMBING					
MP1.0	NOT USED				
P1.0	PLUMBING PLAN				
FIRE PROTECTION					
FP1.0	NOT USED				
ELECTRICAL					
E1.0	LIGHTING PLAN				
E2.0	POWER PLAN				
E2.1	PROPANE ELECTRICAL PLAN AND DETAILS				
E3.1	ELECTRICAL DETAILS & SPECIFICATIONS				

onyx | creative

25001 Emery Road, Suite 400
Cleveland, Ohio 44128
216.223.3200 onyxcreative.com

Seal of Michael D. Crislip, Registered Architect, No. 8225, State of Ohio, expires 12/31/2025.

Name: MICHAEL D. CRISLIP
License: 8225
Expiration: 12/31/2025

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Tsc

TRACTOR SUPPLY CO.

FUSION / SIDE LOT

COMBO PROJECT

STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.:	24.0518
Drawn By:	JM
Date	Issue
12-6-24	PERMIT
1-17-25	REVISION 1

T1.0

COVER SHEET

TRACTOR SUPPLY & VENDOR CONTACT INFORMATION

NO SUBSTITUTIONS PERMITTED

VENDOR #1: DOORS, FRAMES, & HARDWARE

DH PACE
LEAD TIME: 2 WEEKS
- HOLLOW METAL
FRAMES 3 WEEKS
- PRE-PAINTED & HPI
DOORS 6-8 WEEKS
- WIND RATED
ASSEMBLIES & COASTAL / CA PROJECTS
NATIONAL ACCTS. NEW CONSTRUCTION TEAM (NAC)
#888.722.3667 EXT. 10031
tsdoors@dhpace.com

VENDOR #2: OVERHEAD DOORS

DH PACE
LEAD TIME: 2-3 WEEKS (SECTIONAL & COILING)
NATIONAL ACCTS. NEW CONSTRUCTION TEAM (NAC)
#888.722.3667 EXT. 10031
tsdoors@dhpace.com

VENDOR #3: SLIDING ENTRY DOORS

ALLEGION ACCESS TECHNOLOGIES
LEAD TIME: 16-20+ WEEKS
BILL GERARDIN
NATIONAL ACCOUNT MANAGER
#480.257.0619
william.gerardin@allegion.com

SAMANTHA FAULSTICK
NATIONAL ACCOUNT PROJECT MANAGER
#843.962.0996
samantha.faulstick@allegion.com

RECORD DOORS

LEAD TIME: 4-8 WEEKS
MARK DUGO
VP OF SALES AND MARKETING
#704.290.0220 x10220
mark.dugo@recorddoors.com

DAVID PICKERS
VICE PRESIDENT OF DIRECT SALES
#704.315.7392
david.pickers@recorddoors.com

RECORD IS AN APPROVED SECONDARY SUPPLIER FOR BOTH NEW STORES AND REMODELS. WHEN REQUIRED FOR LEAD TIMES. V.P. CONSTRUCTION APPROVAL REQUIRED FOR APPROVAL OF BIDS OR CHANGE ORDERS.

VENDOR #4: LIGHTING

VILLA LIGHTING SUPPLY, INC.
LEAD TIME: 3-5 DAYS
- INT/EXT LIGHTING
3-4 WEEKS
- SITE POLE LIGHTING

tractorsupply@villalighting.com
BRYAN BIRDWELL
#314.633.0546 bryan.birdwell@villalighting.com

ADAM CARRIER
NATIONAL ACCOUNTS MANAGER
#314.633.0532
adam.carrier@villalighting.com

ANNE VOELKER
PRICING CONTACT
#314.633.0554

VENDOR #5: HVAC

LENNOX
LEAD TIME: 20 WEEKS
GARRY BAKER
#800.367.6285
nationalaccountrequest@lennoxind.com
STEVEN PETER
NATIONAL ACCOUNT SALES MANAGER
#404.403.7083
steven.peter@lennoxind.com

VENDOR #6: FIRE ALARM & SECURITY SYSTEMS

JOE RAY
APPLICATION ENGINEER
#405.419.6631
joe.ray@jci.com
JOE RAY
APPLICATION ENGINEER
#405.419.6631
joe.ray@jci.com

VENDOR #7: ELECTRICAL PANELS

CRISTEEN BARRON
STRATEGIC ACCOUNT MANAGER
#317.282.5769
kristeen.barron@jci.com
BRIAN COUSIONS
PROGRAM MANAGER
#720.313.3919
brian.cousions@jci.com

NOTE: JCI CONTRACTS DIRECTLY WITH TSC FOR FIRE ALARM & SECURITY SYSTEMS
EVERON SOLUTIONS
RON KING
NATIONAL ACCOUNTS MANAGER
ronalddking@aadt.com

DUKE DAUGHTREY
PROJECT MANAGER
#229.896.5041
ddaughtrey@edtc.com

VENDOR #8: ENERGY MANAGEMENT (EMS)

BRAINBOX AI
GAGE PERRY
#603.716.0636
g.perry@brainboxai.com

VENDOR #9: LOW VOLTAGE

MERCURY TECH PARTNERS, INC.
TERRY L. CORPENING
#828.465.7348 x 221
terry@gomtp.com
DUANE MULLINS
#828.465.7348 x 344
duane@gomtp.com

VENDOR #10: PALLET RACKING

L.J.S. SOLUTIONS
RICK WELLER
#803.773.9625
rickweller@ljs-solutions.com

VENDOR #11: VINYL PLANK FLOORING

SHERWIN WILLIAMS
(REFER TO FLOORING VENDOR TERRITORY MAP)
SWIFF-TRAIN COMPANY
WEST DIVISION *CONFIRM VENDOR WITH TSC PM
CINDY SASS
#800.929.1222
cindyass@swiff-train.com
JOE REDDINGTON
#469.853.3081
joer@swiff-train.com

VENDOR #12: HAND DRYERS

NORTHSTAR FLOORING
EAST DIVISION *CONFIRM VENDOR WITH TSC PM
tractorsupply@northstarflooring.com
MEGAN HUFFMAN
#800.935.1657
Megan.Huffman@northstarflooring.com

VENDOR #13: PARKING SIGNS & BOLLARD COVERS

ASHLEY MAY
#800.459.7099
ashley.may@hjcinc.com
BRENDON COLLINS
PROJECT MANAGER
#208.908.7874
brendon.collins@tamarackgrove.com

VENDOR #14: STEEL DOCK/RAMP DISTRIBUTOR

Q.S.I. ENVIRONMENTAL & INDUSTRIAL STEEL FABRICATORS
LEAD TIME: 3 WEEKS
TONY HAMILTON
#334.753.6876
thamilton@qsisteel.com

VENDOR #15: SIGNAGE

(REFER TO FLOORING VENDOR TERRITORY MAP)
ID ASSOCIATES
*CONFIRM VENDOR WITH TSC PM
#334.836.1400
DeANNA PAYNE
#334.805.1012
dpayne@idassociatesinc.com

VENDOR #16: PROPANE CANOPY

VERSATUBE BUILDING SYSTEMS
SPENCER BRATTON
#901.401.3687
sbratton@versatube.com

VENDOR #17: PAINT

SHERWIN WILLIAMS
DANIEL CHAISSON
REGIONAL ACCOUNT EXECUTIVE
#901.4843409
daniel.chaisson@sherwin.com
PPG
TOM KERR
CORPORATE ACCOUNT MANAGER
#614.580.8305
thomas.kerr@ppg.com

VENDOR #18: BALER

JWR, INC.
CORY GARDNER
NATIONAL ACCOUNTS MANAGER
#888.699.2848
cory@jwrinc.net

VENDOR #19: SEISMIC FIXTURE ANCHORING

TAMARACK GROVE
BRENDON COLLINS
PROJECT MANAGER
#208.908.7874
brendon.collins@tamarackgrove.com

VENDOR #20: FIXTURE INSTALLATION

RAPID INSTALLATION GROUP
TONY CLEMONS
#678.205.6201
tonyclemons@rapid-install.com

VENDOR #21: CONCRETE SEALER

THE EUCLID CHEMICAL COMPANY
MICHAEL A. MAHONEY
CENTRAL REGION MANAGER
#216.692.8301
mmahoney@euclidchemical.com

VENDOR #22: GRAPHICS

YUNKER SIGNAGE
MICHELLE WEDLING
ACCOUNT MANAGER
#414.339.5349
mwedling@yunker.com

VENDOR #23: MILLWORK

(REFER TO FLOORING VENDOR TERRITORY MAP)
BEE LINE
MILLER ZELL

TRACTOR SUPPLY

FIXTURE PLANS
VICKY DERON
#615.440.4508
vderon@tractorsupply.com
RENEE RYCHLICA
rychlica@TractorSupply.com

PROPANE COORDINATION

CLINT WEAVIL
STORE SERVICES SPECIALIST
#615.440.4074
cweavil@TractorSupply.com
BRIAN SPEARS
MANAGER, SAFETY & ENVIRONMENTAL COMPLIANCE
#615.440.44115
bspears@TractorSupply.com

RACHEL DENNY
LIVE GOODS & BULK PROPANE
#615.647.2753
rdenny@TractorSupply.com

UTILITY TRANSFER INFORMATION

JAMES MASTERS, TSC ENERGY MANAGER
ENGIE
#615.440.4396
masters@tractorsupply.com
tractorsupply@CPL insight@engie.com
(FOR LP ACCOUNTS FOR BUILDING HEAT CALL AMERIGAS)

RECOMMEND ONLY

WASTE & RECYCLING

ROCKTECH COMPANY
DIANE HUEFFMEIER
PROGRAM MANAGER
#314.292.3313
dhueffme@rocktech.com

FIRE SPRINKLER SYSTEMS

JOHNSON CONTROLS (JCI)
KAREN PATRICK
#317.710.5137
karen.patrick@jci.com

PRINTING

PLAN EXPRESS
SHERI RYDER
866.404.2614
customerservice@planexpress.net

GARDEN CENTERS

LIVE GOOD CENTER & FEED BUILDING (WHERE OCCURS)
(REFER TO GARDEN CENTER VENDOR TERRITORY MAP)

MERCHNEY GREENHOUSES
#864.940.6666

JALILYAH SANFORD
LOGISTICS AND COMMUNICATION
jalilyah@merchneygreenhouses.com

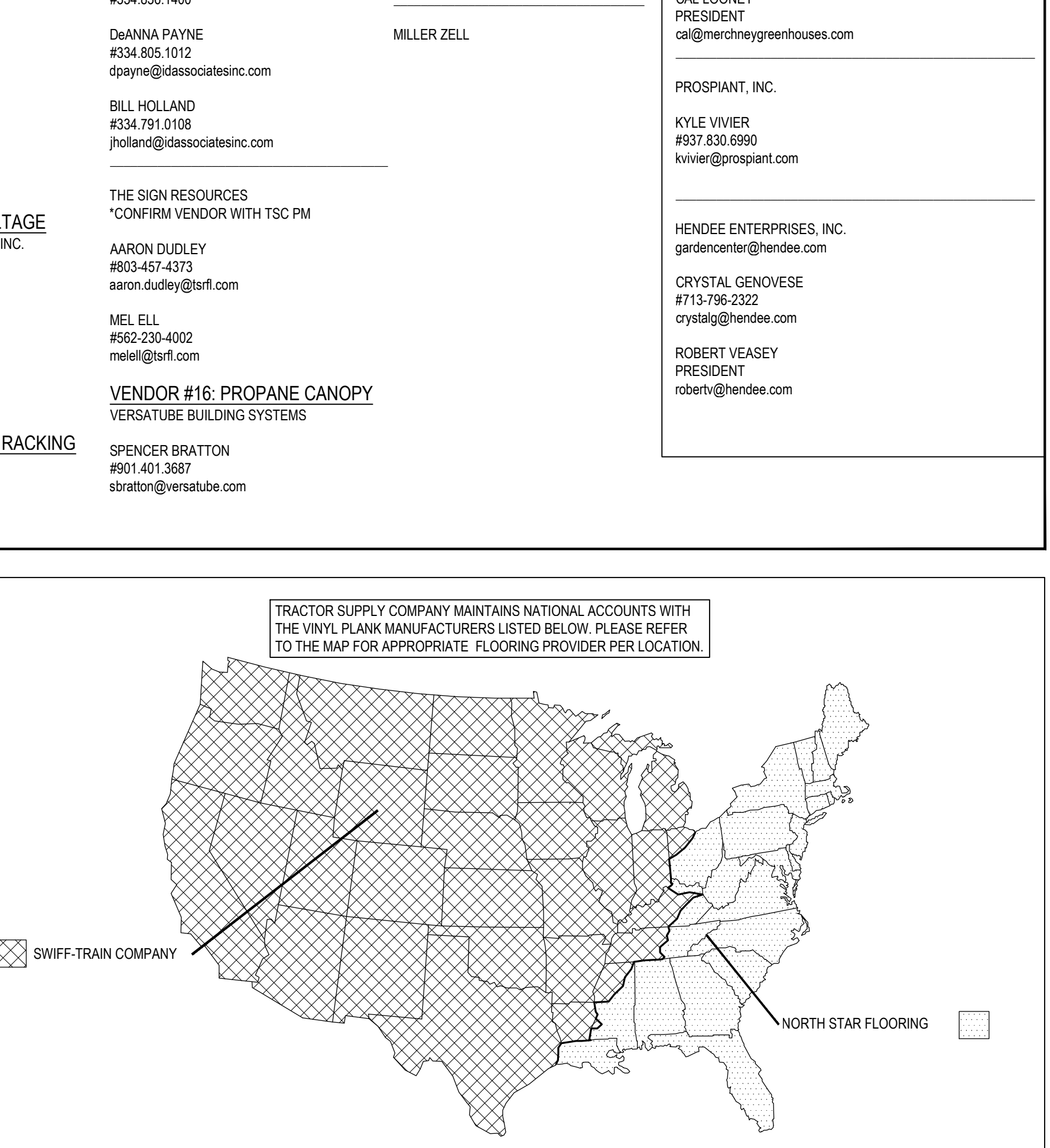
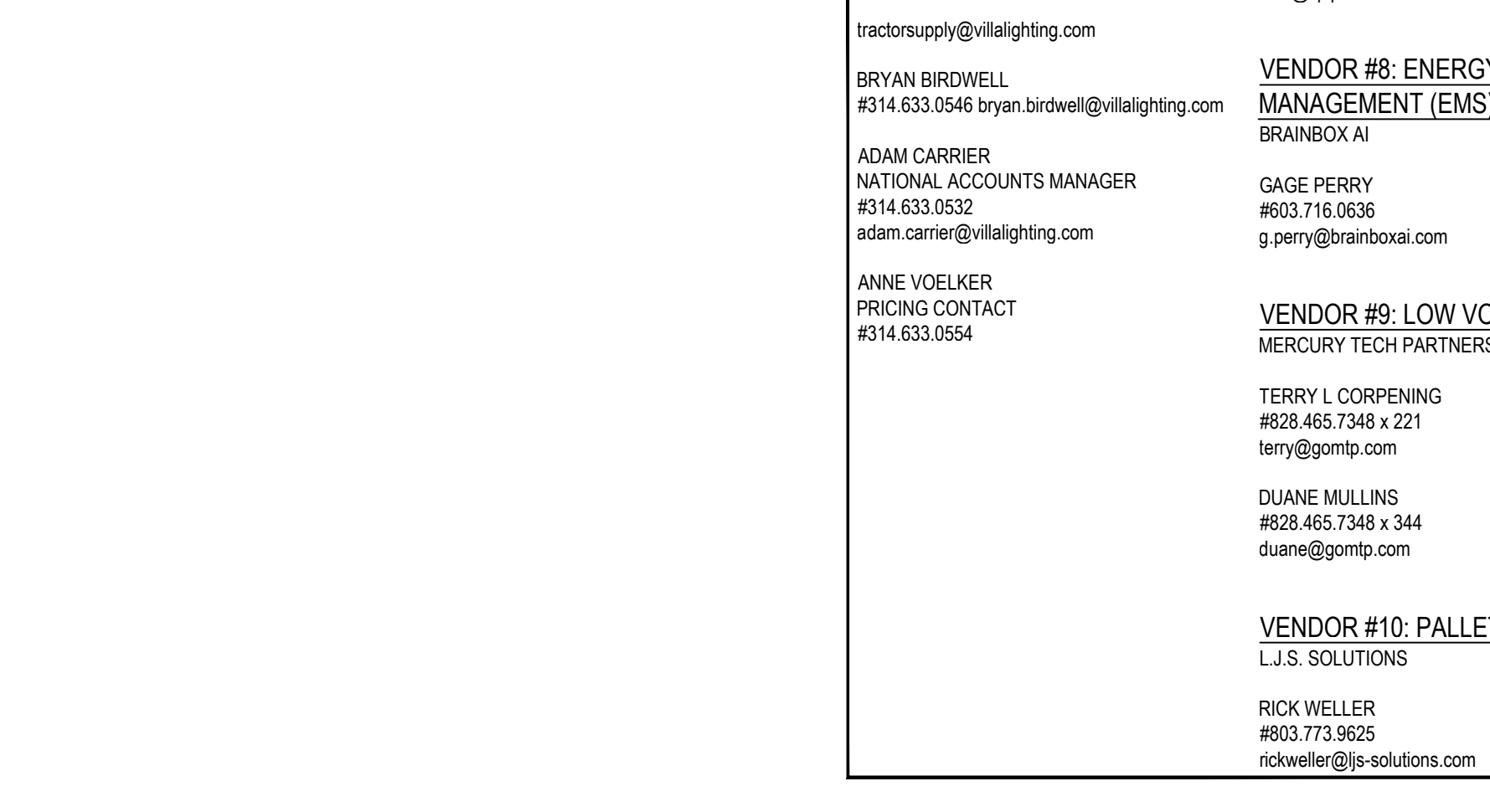
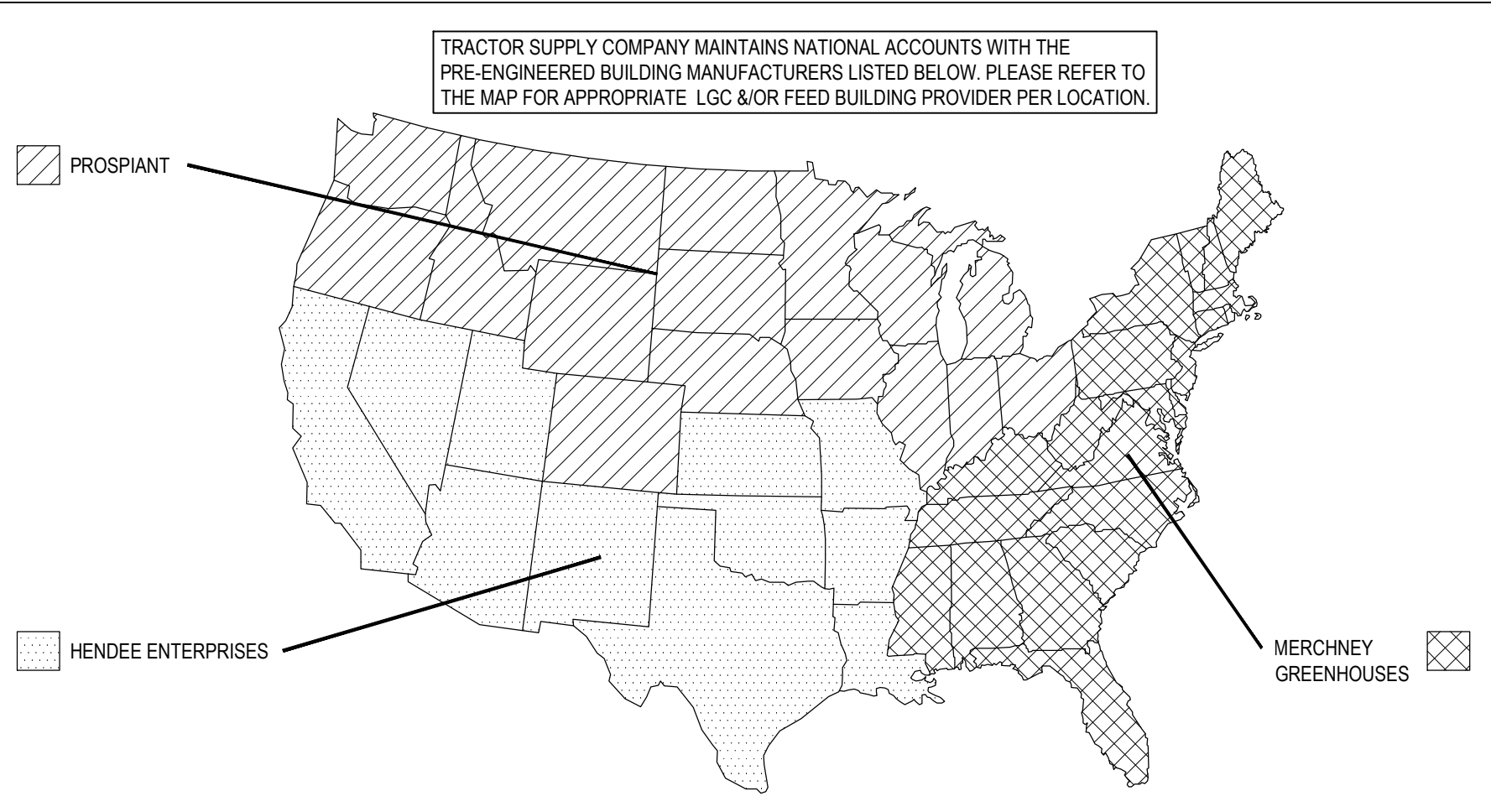
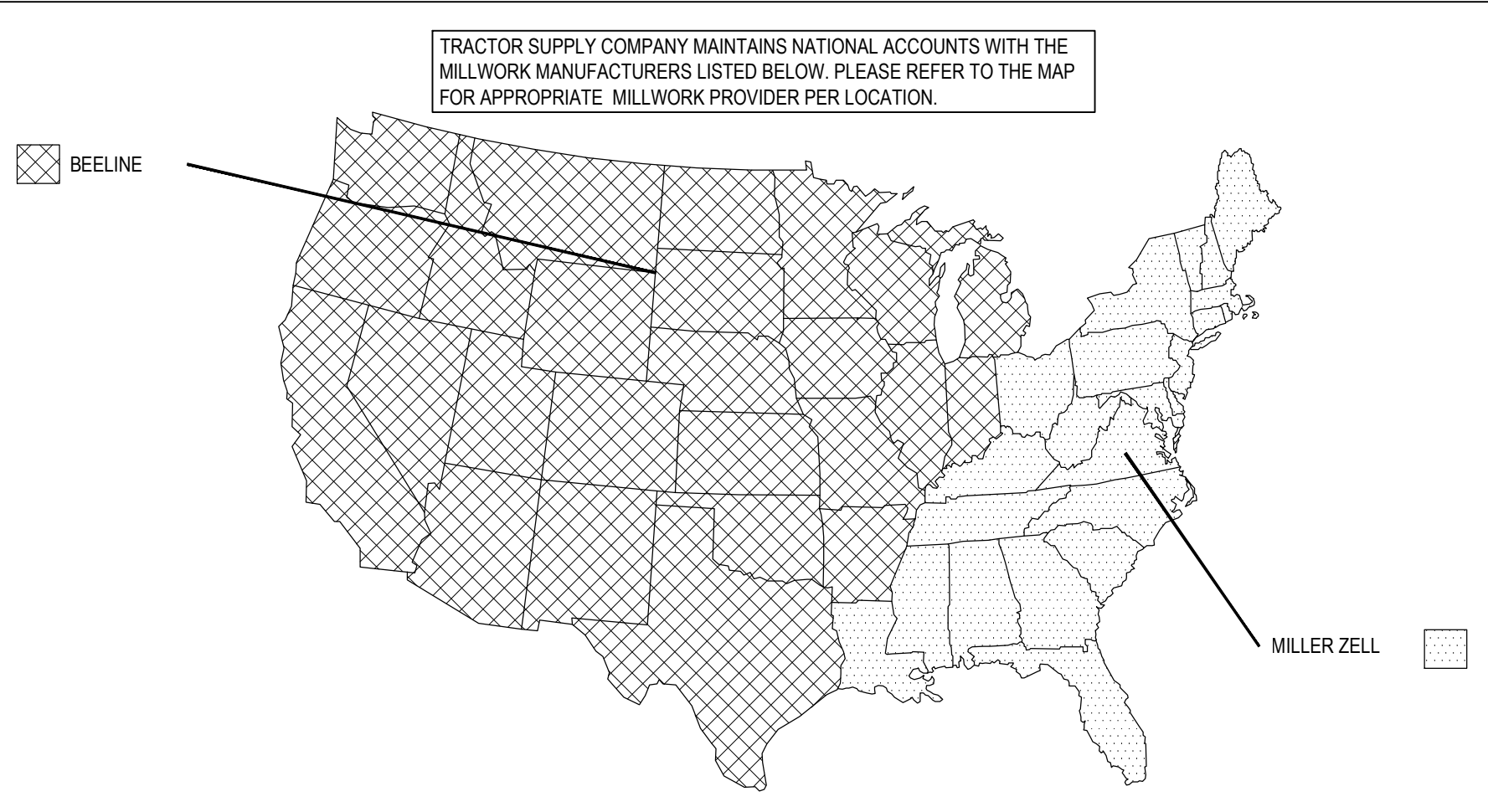
CAL LOONEY
PRESIDENT
cal@merchneygreenhouses.com

PROSPANT, INC.
KYLE VVIER
#937.830.6990
kvvier@prospant.com

HENDEE ENTERPRISES, INC.
gardencenter@hendee.com

CRYSTAL GENOVESE
#713-796-2322
crystalg@hendee.com

ROBERT VEASEY
PRESIDENT
robertv@hendee.com



onyx | creative

25001 Emery Road, Suite 400
Cleveland, Ohio 44128
216.223.3200 onyxcreative.com

STATE OF OHIO
REGISTERED ARCHITECT
MICHAEL C. CRISLIP
D.
CRISLIP
12/11/2024
8225

Name: MICHAEL C. CRISLIP
License: 8225
Expiration: 12/31/25

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FUSION / SIDELOT
COMBO PROJECT
STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.: 24.0518
Drawn By: JM
Date: 12-6-24
Issue: PERMIT

T1.1

VENDOR INFORMATION

REMODEL - TIME AND ACTION CALENDAR			
TASK	COMPLETION DATE	CONTACT	RESPONSIBILITY
ARCHITECT TO EMAIL FLOOR PLAN BASE SHEET AND BASE PLAN CHECKLIST TO TSC STORE PLANNING AND SECURITY SYSTEMS VENDOR	AT PROJECT START	RENEE RYCHLICA rnychlica@TractorSupply.com	ARCHITECT
FIXTURE PLAN PROVIDED BY TSC	14 WEEKS BEFORE CONST. START	RENEE RYCHLICA rnychlica@TractorSupply.com	TSC FIXTURE PLANNING
ARCHITECT TO EMAIL FLOOR PLAN BASE SHEET TO SECURITY SYSTEMS CONTRACTOR	AT PLAN APPROVAL	VENDOR #6	ARCHITECT
ARCHITECT TO OBTAIN PROPANE APPROVAL DATE AND STAMP FROM TSC	PRIOR TO PERMIT SUBMISSION	CLINT WEAVL cweavli@tractorsupply.com	ARCHITECT
AOR TO OBTAIN STATE AND LOCAL PERMITS, INCLUDING SEISMIC ANCHOR PERMITS FOR FIXTURES WHEN REQUIRED (AOR TO DETERMINE WHERE REQUIRED). AOR TO OBTAIN SITE SPECIFIC ANCHORING PACKAGE FROM VENDORS.	PRIOR TO PERMIT SUBMISSION	VENDOR #10, VENDOR #19	ARCHITECT
ARCHITECT TO UPLOAD PLANS TO PROJECTMATES	LATEST DOCUMENTS AT BID & PERMIT APPROVAL	PROJECTMATES - #214.217.4100	ARCHITECT
CONTRACTOR TO COORDINATE INSTALLATION OF FIXTURES PRIOR TO FIXTURE WEEK, INCLUDING SEISMIC ANCHORING FOR FIXTURES WHEN REQUIRED	7 WEEKS	VENDOR #20	CONTRACTOR
CONTRACTOR - CONTACT SECURITY SYSTEMS CONTRACTOR AND SCHEDULE ALARM INSTALLATION	7 WEEKS	VENDOR #6	CONTRACTOR
SECURITY SYSTEMS CONTRACTOR - HAS TO BEGIN INSTALLATION	3 WEEKS	VENDOR #6	TSC LOSS PREVENTION
CONTRACTOR - CONDUITS FOR IT AND PHONE WITH FULL STRINGS	4 WEEKS	STAN KOLIC (615.440.4824)	CONTRACTOR
QS/ DURA-RAMP OR LOADING DOCK ACCESS, FORKLIFT, PROPANE GAS AND PROPANE DISK, TANK (PROPANE FOR FORKLIFT AND HEAT IF NECESSARY)	4 WEEKS	AMERICAS- SCOTT PIERCE (317.109.2339) scott.pierce@americas.com, CHRIS SAUER (610.768.7612) christopher.sauer@americas.com, MOLLIE TRELOAR (615.440.4230) mtreloar@tractorsupply.com, MARIAH CRAYTON (615.647.2639) mcrayton@tractorsupply.com	TSC STORE ADMINISTRATION &CONTRACTOR
CONTRACTOR - ALL DOORS TO BE INSTALLED WITH LOCKS	3 WEEKS	VENDOR #1, VENDOR #2, VENDOR #3	CONTRACTOR
UNIFIRST - MOPS AND MATS	1 WEEK	UNIFIRST- (888.851.2474 EX 5) BRAD COOPER (615.440.4965) bcooper@tractorsupply.com	TSC STORE ADMINISTRATION
TERMINIX - (PEST CONTROL)	1 WEEK	TERMINIX- (866.818.4573), BRAD COOPER (615.440.4965) bcooper@tractorsupply.com	TSC STORE ADMINISTRATION
SERVICE DESK, RECEIVING DESK, REGISTER COUNTERS WITH POWER POLES SET IN PLACE	1 WEEK	CAROLINE RICE (615.440.4705) cricea@tractorsupply.com	CONTRACTOR
CABELING INSTALLED TO REGISTER COUNTERS, SERVICE DESK AND RECEIVING DESK. CONNECT TO PERMANENT POWER	1 WEEK	STAN KOLIC (615.440.4824)	IT
PROPANE PROVIDER TO FILL PROPANE DISTRIBUTION TANK	1 WEEK	MOLLIE TRELOAR (615.440.4230) mtreloar@tractorsupply.com, MARIAH CRAYTON (615.647.2639) mcrayton@tractorsupply.com	TSC STORE ADMINISTRATION
TRANSITION WEEK- ALL CONSTRUCTION ACTIVITIES ARE TO BE COMPLETED PRIOR TO THIS WEEK WITH THE EXCEPTION OF THE CHECK OUT COUNTER AND EMPLOYEE LOUNGE MILLWORK INSTALLATION SOS (FULL TRUCK)	FIXTURE WEEK	CAROLINE RICE (615.440.4705) cricea@tractorsupply.com	TSC STORE ADMINISTRATION
LIS - BACKROOM AND SIDELOT FIXTURES (1/2 TRUCK)	5 DAYS (WEDNESDAY)	CAROLINE RICE (615.440.4705) cricea@tractorsupply.com	TSC STORE ADMINISTRATION
NATIONAL CART - CART CORRAL (1/2 TRUCK)	4 DAYS (THURSDAY)	CAROLINE RICE (615.440.4705) cricea@tractorsupply.com	TSC STORE ADMINISTRATION
MEG - FIXTURES (3/4 OF A TRUCK)	4 DAYS (THURSDAY)	CAROLINE RICE (615.440.4705) cricea@tractorsupply.com	TSC STORE ADMINISTRATION
LOZIER - FIXTURES - FULL TRUCK	3 DAYS (FRIDAY)	CAROLINE RICE (615.440.4705) cricea@tractorsupply.com	TSC STORE ADMINISTRATION
CONTRACTOR TO ENGAGE EPRC TESTING COMPANY AND SCHEDULE TESTING WHEN REQUIRED BY AHJ	AFTER MERCHANDISE PLACEMENT		CONTRACTOR
DELIVERY OF GARDEN CENTER,FEED CENTER MATERIALS	COORD. w/ T.S.C. PM	**COORDINATE WITH T.S.C. PM	CONTRACTOR
SIGNAGE	COORD. w/ T.S.C. PM	VENDOR #22	CONTRACTOR
HVAC FOR FEED CENTER	COORD. w/ T.S.C. PM	VENDOR #5	CONTRACTOR
VINYL PLANK FLOORING		VENDOR #11	CONTRACTOR
CARHARTT SHOP (IF APPLICABLE)	4 WEEKS BEFORE FUSION COMPLETION - COORD. w/ T.S.C. PM	VENDOR #15	CONTRACTOR
NOTE: GENERAL CONTRACTOR TO ORDER "CONTACT POSTER" FROM PLAN EXPRESS AND POST ON STOREFRONT AT CONSTRUCTION START.			

EXHIBIT H-1: TRAINING CERTIFICATION

COPY OF THIS EXECUTED DOCUMENT TO BE INCLUDED IN THE CLOSE OUT DOCUMENTS PROVIDED BY THE GENERAL CONTRACTOR (FOR RETRO FIT BY TENANT) OR LANDLORD (RETRO FIT BY LI AND GROUND UP PROJECTS) TO TRACTOR SUPPLY COMPANY!		
TSC STORE MANAGER	INITIAL GC	TRAINING HAS BEEN COMPLETED WITH THE STORE MANAGER BY THE GENERAL CONTRACTOR (GC) ON HOW TO USE, OPERATE AND MAINTAIN:
		THE IRRIGATION SYSTEM, ALSO THE TSC STORE MANAGER HAD BEEN ADVISED THAT THE STORE IS RESPONSIBLE FOR MAINTAINING ALL LANDSCAPING STARTING AT EITHER FIXTURE DATE OR COMPLETION DATE, THE LATTER OF THE TWO DATES.
		THE LIGHT TIMER SYSTEM INCLUDING REVIEW OF THE SCHEDULE
		THE HVAC SYSTEM OPERATION INCLUDING HOW TO ADJUST THE PROGRAMMABLE THERMOSTATS.
		THE AUTOMATIC FRONT DOORS OPERATIONS INCLUDING SENSOR ADJUSTMENTS.
		THE OVERHEAD DOORS OPERATIONS INCLUDING TIMER, TIMER OVERRIDE, AND SAFETY EDGE.
		THE DELAY EGRESS DOOR (THE RESET BUTTON IS IN THE CONTROL BOX AND HAS TO BE RESET ANY TIME POWER IS LOST).
STORE # _____		
CITY/STATE _____		
STORE MANAGER _____		
GENERAL CONTRACTOR _____		

CLOSE-OUT BINDER REQUIREMENTS

PM		STORE #	CITY/STATE:
X-REQUIRED		CONTRACTOR SHALL PROVIDE OWNER WITH ONE ELECTRONIC CLOSE-OUT BINDER ON A CD. ALL INFORMATION BELOW MUST BE INCLUDED. THE CLOSE-OUT BINDER SHALL BE SENT ATTN TO THE CONSTRUCTION COORDINATOR AT THE OWNER'S ADDRESS: 5401 VIRGINIA WAY, BRENTWOOD, TN 37027.	
PROTOTYPE	RETROFIT		
X	X	1.	NAME, ADDRESS AND TELEPHONE NUMBER OF THE CONTRACTOR AND ALL SUBCONTRACTORS.
X	X	2.	THE FINAL CERTIFICATE OF OCCUPANCY OR THE EQUIVALENT THEREOF DESCRIBED IN ARTICLE 15.5.2(b)
X	X	3.	AN ASSIGNMENT BY THE CONTRACTOR OF ALL GUARANTEES AND WARRANTIES FROM ALL SUBCONTRACTORS, VENDORS, SUPPLIES, AND MANUFACTURERS, TOGETHER WITH ORIGINALS OF ALL SUCH GUARANTEES, WARRANTIES, AND OPERATING MANUALS (E.G. HVAC, ROOF, DOORS, WATER HEATER, ETC. AS APPLICABLE).
X	X	4.	COMPLETE LIST OF EQUIPMENT COMPLETE TEMPLATE.
X	X	5.	CONFIRMATION IN WRITING FROM THE INSTALLER OF THE HVAC SYSTEM OR COMPONENTS THEREOF CONFIRMING THAT THE PROPER START-UP PROCEDURES WERE FOLLOWED.
NA	X	6.	COMPLETE RETROFIT HVAC BREAKDOWN OF COSTS COMPLETE TEMPLATE.
X	NA	7.	COMPLETE PROTOTYPE HVAC INFORMATION COMPLETE TEMPLATE.
NA	X	8.	CERTIFICATE OF SEWER CLEAN-OUT BY THE PERSON WHO PERFORMED THE SAME.
X	X	9.	DISABILITY ACCESSIBILITY INSPECTION REPORTS SENT TO THE TEXAS DEPARTMENT OF LICENSING AND REGULATION (FOR TEXAS STORES ONLY).
X	X	10.	A COPY OF THE PUNCH LIST ITEMS SIGNED BY THE OWNER (OR STORE MANAGER, IF SO AUTHORIZED BY OWNER) CONFIRMING ALL PUNCH LIST ITEMS ARE COMPLETED.
X	X	11.	(1) PDF CONTAINING WORKING DRAWINGS AND PLANS AND SPECIFICATIONS REFLECTING "AS-BUILT" CONDITIONS WITH A SUMMARY LIST OF CHANGES, INCLUDED IN PDF FORMAT. A COMPLETE SET OF FIRE SPRINKLER SHOP DRAWINGS, IF APPLICABLE.
X	X	12.	A COMPLETE SET OF FIRE SPRINKLER SHOP DRAWINGS, IF APPLICABLE.
NA	X	13.	A CERTIFICATE EVIDENCING THAT INSURANCE REQUIRED UNDER THE CONTRACT DOCUMENTS SHALL REMAIN IN FORCE AFTER FINAL PAYMENT AND SHALL NOT BE CANCELED, REDUCED OR ALLOWED TO EXPIRE UNTIL AT LEAST 30 DAYS PRIOR WRITTEN NOTICE HAS BEEN GIVEN TO THE OWNER.
X	X	14.	CERTIFICATION OF WATER WELLS AND/OR SEPTIC SYSTEMS THAT DEMONSTRATE INSPECTION AND ACCEPTANCE BY THE MUNICIPALITY. THIS SHOULD INCLUDE ANY ONGOING TESTING AND/OR INSPECTIONS THAT ARE REQUIRED AS WELL AS THE INTERVAL AT WHICH TESTING AND/OR INSPECTION MUST BE COMPLETED.
NA	X	15.	DIGITAL PHOTOGRAPHS OF THE "BEFORE" AND "AFTER" OF THE FRONT VIEW OF THE STORE.
X	X	16.	ROOFING INSPECTION REPORT FROM THE ROOFING MANUFACTURER (SHOULD REFLECT ROOF PROPERLY INSTALLED AND AS SUCH WARRANTY 100% IN TACT).
X	NA	17.	CERTIFICATE FROM THE PROJECT CIVIL ENGINEER THAT THE STORM WATER DRAINAGE SYSTEM HAS BEEN CONSTRUCTED AND INSTALLE DIN ACCORDANCE WITH THE APPROVED PLANS AND ALL APPLICABLE LAWS (SEE LEASE EXHIBIT)
TSC PM			
APPROVAL & DATE			
NOTE: GENERAL CONTRACTOR / LANDLORD TO SEE LEASE / CONTRACT FOR SPECIFIC CHECKLIST			

Tractor Supply Co./Alarm Integrator - Pre-Installation Checklist	
The information for this form must be obtained by the alarm company's representative from GC Site Super. Upon completion, FAX or e-mail the completed form to your Project Manager/Coordinator and to Rich Wood/Tractor Supply Company Loss Prevention at 615-484-4721 / rwood@tractorsupply.com.	
Store #/City:	Integrator: _____
Fixture Date:	Soft Open Date: _____ Retro Fit or Prototype
Key Contacts	
GC Site Super:	Phone/E-mail: _____
Alarm Site Rep:	Phone/E-mail: _____
Alarm Proj Mgr:	Phone/E-mail: _____
TSC LP Rep: Rich Wood, office 615-440-4721, cell 330-554-4757, rwood@tractorsupply.com	
Pre-Construction Review	
Low Voltage Wiring Contractor?	_____ Date Low Voltage Wiring to be complete? _____
Who is responsible for turning in the fire submittals?	_____
Is the Riser located in the Tractor Supply space?	YES NO
Can alarms connect to it?	YES NO
What date will Riser points will be ready for connection?	_____
Any unusual HVAC issues with the building or from the landlord?	YES NO
Is Global Shutdown required at this site?	YES NO
> Who is responsible for the Global Shutdown GC or Mechanical? _____	
> Company Name _____	
> What date will Dust Detectors be ready for connection? _____	
> Does alarm vendor have any additional responsibilities with HVAC units? _____	
What date will the Final Inspection will be called for by GC? (By Thursday before Fixture)	
What date will the Final FA inspection will be completed? (By Thursday before Fixture)	
If there is any change or delay to the inspection date by the GC or Alarm Vendor please notify TSC Project Manager and Rich Wood immediately via email and phone.	
Other Key Dates	
What date will Interior Painting will be completed?	_____
What date is Site Floor Preparation scheduled?	_____
What date will the Front Doors will be installed by?	_____
What date will the Delayed Egress Door be fully powered and be ready for alarm connections?	_____
PE Beam Details	
Will 3 PE Beams cover all sides of the outdoor lot fence line?	YES NO
> If not, how many additional beams will be needed?	_____
> What is the surface type of the fenced area?	Concrete Asphalt
****PLEASE INCLUDE A DRAWING OF THE PROPOSED FENCED AREA WITH THIS CHECKLIST****	
PE Beams are not authorized for detached lots without TSC SSC LP Approval.	
Was this Pre-Install Checklist completed by phone or by site visit? _____	
Alarm Vendor Rep (Signature) _____ Site Superintendent (Signature) _____	

LVW RESPONSIBILITY AND TIMING PLAN

REMODELS & RETROFITS

ACTION	BY WHO	WHEN	SPECIAL NOTES
STORE ADDED TO SOS	TSC REAL ESTATE	1ST MONDAY OF EACH MONTH	
TSC ARCHITECT TO SEND BASE PLAN TO SECURITY SYSTEMS CONTRACTOR	TSC PM	10-20 DAYS AFTER ADDED TO SOS	
CODES RESEARCHED, BA AND FA PLANS	JCI / ADT	UPON RECEIPT OF BASE PLAN	
TSC ARCHITECT TO NOTIFY SECURITY SYSTEMS CONTRACTOR VIA EMAIL THAT FULL SET OF PLANS IS AVAILABLE AT PLAN EXPRESS	TSC PM	20-30 DAYS AFTER REC APPROVAL	SECURITY SYSTEMS CONTRACTOR TO IDENTIFY EXIST. HVAC UNITS BY THE LL PER THE CHECKLIST
SECURITY SYSTEM COMPLETED PLANS SENT TO RICH WOOD AND TSC PM	JCI / ADT	WIN 3 DAYS OF RECEIPT OF FULL SET OF PLANS	
TSC ARCHITECT TO INSERT SECURITY SYSTEM PLANS INTO SET FOR PERMIT	TSC PM	UPON RECEIPT OF SECURITY SYSTEMS PLAN	
GC TO CONTACT ASSIGNED LVW VENDORS FOR PRICING	TSC PM	VERIFIED AT BID EVALUATION	
GC / LVW VENDOR FINISHED ALL LVW SOW PER PLANS	VENDOR #9	NO LESS THAN 2 WEEKS PRIOR TO FD	PLEASE BE SURE TO VIF HVAC SYSTEMS (GROUND MOUNT VS. ROOF MOUNT, ETC.)
SECURITY SYSTEMS CONTRACTOR TO INSTALL THEIR EQUIPMENT AND MAKE TERMINATIONS	JCI / ADT	STARTING APPROXIMATELY 3 WEEKS FROM FD TO WEDNESDAY PRIOR TO FD. TERMINATION TO BE DONE LAST AS LVW VENDOR COMPLETES NO LATER THAN 2 WEEKS PRIOR TO FD.	
INSTALLATION OF FA SYSTEM, PHONE SYSTEM, SPEAKERS, OUTSIDE HORNS, PHONES, PATCH PANEL, AP'S W/ ANTENNAS	STAN KOLIC / VENDOR #9	MONDAY AND TUESDAY BEFORE FD	
INSTALLATION OF POS SYSTEMS AT ALL LOCATIONS AND TESTING OF AP SYSTEM	STAN KOLIC / AGYLISIS	THURSDAY BEFORE FD	
NOTE: ALL OTHER ACTIONS AND TIME FRAMES TO BE PER THE EXISTING TIMING AND ACTION CALENDAR. COORDINATE THE ABOVE RESPONSIBILITY AND TIMING WITH T.S.C. PM & CONSTRUCTION MANAGER.			

GENERAL NOTES:

- ALL CONSTRUCTION AND DETAILS SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL BUILDING CODES AND ORDINANCES AS OF THE DATE OF THE DRAWINGS. ANY DEVIATIONS FROM BUILDING CODES REQUIRES NOTIFICATION AND APPROVAL FROM TSC PROJECT MANAGER.
- THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS OF THE SITE. DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT & OWNER PRIOR TO PROCEEDING WITH CONSTRUCTION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREIN OR NOT AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE EXPENSE OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THE WORK AFTER SO LOCATED.
- REMOVE ALL CONSTRUCTION AND DEMOLITION DEBRIS FROM JOB SITE DAILY. MAKE JOB PREMISES CLEAN AT COMPLETION OF PROJECT.
- FIRE EXTINGUISHERS SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL FIRE DEPARTMENT PRIOR TO COMPLETION OF CONSTRUCTION.
- ALL DIMENSIONS ARE FACE OF DRYWALL AT NEW WALLS AND TO FINISHED FACE AT MASONRY WALLS UNLESS NOTED OTHERWISE.
- NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DRAWINGS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS. IF DISCREPANCIES ARE FOUND, THE ARCHITECT AND OWNER SHALL BE NOTIFIED IMMEDIATELY.
- THRESHOLDS SHALL NOT EXCEED 1/2 INCH IN HEIGHT.
- DRYWALL TO BE HELD UP 1/2" ABOVE CONCRETE FLOOR.
- ALL CONCEALED INSULATION SHALL HAVE A FLAME SPREAD RATING OF 25 OR LESS AND A SMOKE DEVELOPED RATING OF 450 OR LESS IN ACCORDANCE WITH ASTM E84.
- DOORS INDICATED ON THE PLAN SHALL BE LOCATED A MINIMUM OF 4" FROM ADJACENT WALLS UNLESS NOTED OR DIMENSIONED OTHERWISE, OR AS REQUIRED FOR HARDWARE INSTALLATION.
- EXIT HARDWARE SHALL ALLOW FOR EGRESS AT ALL TIMES WITHOUT THE USE OF SPECIAL KNOWLEDGE OR EFFORT.
- THE CONTRACTOR SHALL BRACE ENTIRE STRUCTURE AS REQUIRED DURING CONSTRUCTION TO MAINTAIN STABILITY UNTIL THE STRUCTURE IS COMPLETE.
- THE FOLLOWING ITEMS ARE FURNISHED BY T.S.C. AND INSTALLED BY THE CONTRACTOR.

QUANTITY	ITEM
1 SET	RESTROOM ACCESSORIES (NOT INCLUDING MIRRORS)
	FIRE EXTINGUISHERS
	BRAILLE SIGNAGE
- THE FOLLOWING ITEMS ARE FURNISHED AND INSTALLED BY T.S.C.

QUANTITY	ITEM
1	"OPEN" SIGN
1	"CUB CADET" SIGN
1	T.S.C. ROAD SIGN, GENERAL CONTRACTOR TO PROVIDE POWER TO SIGN BASE. COORDINATE WITH SIGN COMPANY ASSIGNED TO THIS LOCATION
1	SECURITY VENDOR WORK (NOT INCLUDING LVW) PAID BY TSC
- SPECIFIC MANUFACTURERS AND PRODUCTS ARE NAMED ON THE DRAWINGS TO INDICATE THE MINIMUM ACCEPTABLE LEVEL OF QUALITY. EQUAL OR BETTER PRODUCTS WILL BE CONSIDERED. SUBSTITUTES MUST BE APPROVED BY TSC PM.
- ALL OFFICE WALLS TO BE INSULATED.
- CONCEAL ALL PIPING IN WALLS. WHERE PIPING IS TOO LARGE WALLS ARE TO BE FURRED OUT A MINIMUM TO CONCEAL PIPING.
- PROVIDE WATER RESISTANT GYPSUM BOARD BEHIND ALL PLUMBING FIXTURES.
- ALL COUNTERTOPS TO BE 2" IN DEPTH UNLESS OTHERWISE NOTED.
- PROVIDE SOLID BLOCKING FOR WALL HUNG CABINETS, PLUMBING FIXTURES, ACCESSORIES AND MILLWORK.
- ALL MATERIALS USED BY ALL TRADES SHALL BE LISTED AND LABELED BY AN APPROVED AGENCY AND INSTALLED PER THE MANUFACTURES INSTRUCTIONS.
- TSC RESERVES THE RIGHT TO REVIEW THE BUILDING ON OR BEFORE THE EXPIRATION OF THE LL'S ONE YEAR WARRANTY. IF ANY WARRANTY OR PUNCH LIST ITEMS ARE FOUND THE LL SHALL IMMEDIATELY CORRECT THE CONDITION AT ITS' EXPENSE.
- WHEN SOS TRUCK COMES AS SCHEDULED, GENERAL CONTRACTOR TO ASSIST TSC STORE MANAGER WITH THE UNLOADING AND STORAGE OF ALL SOS TRUCK CONTENTS. IF GENERAL CONTRACTOR REQUESTS SOS TRUCK EARLY, GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL LABOR AND EQUIPMENT REQUIRED TO UNLOAD AND PROPER PLACEMENT AND STORAGE OF CONTENTS ONCE OFF SOS TRUCK.
- GENERAL CONTRACTOR TO PROVIDE 2 COPIES OF SITE PLAN AND ELEVATIONS TO SIGN COMPANY ASSIGNED TO THIS PROJECT. VERIFY SIGN COMPANY W/ TSC. 1 COPY OF ELEVATIONS TO POP SOLUTIONS, RICK TOWNE (901.795.5936) -- ARCHITECT TO E-MAIL CAD BASE OF FLOOR PLAN TO RENEE RYCHLICA rnychlica@TractorSupply.com, NO LATER THAN TWO WEEKS OF STARTING CONSTRUCTION.
- GENERAL CONTRACTOR SHALL COORDINATE ENTIRE PROJECT AND SCHEDULE THE ALARM COMPANY FOR ALL ROUGH-IN AND FINAL CONNECTIONS AND INSPECTIONS. CONTACT TSC, RICH WOOD 615.440.4721 FOR THE ALARM COMPANY ASSIGNED TO THIS LOCATION NO LATER THAN TWO WEEKS AFTER CONSTRUCTION START. REFER TO THE SECURITY VENDOR PRE-CONSTRUCTION AND PRE-INSTALLATION CHECKLIST
- CLOSE-OUT REQUIREMENTS, REFER TO LEASE / CONTRACT. FOR QUESTIONS, CONTACT JULIE BANE 615.440.4785.
- THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL ANY DUCT SMOKE DETECTOR FOR NEW WORK ONLY. COORDINATE WITH THE ASSIGNED ALARM COMPANY.
- THE GENERAL CONTRACTOR SHALL PAY FOR ALL UTILITY COST DURING CONSTRUCTION AND CONTACT DEEANA GHOLSON AT ECOVA, INC. #509.329.7516 TWO WEEKS PRIOR TO FIXTURE DATE FOR TRANSFER TO TSC.
- DOCK ACCESS FROM ROAD MUST BE ACHIEVED 3 WEEKS PRIOR TO FIXTURE DATE.
- THE GENERAL CONTRACTOR OR LANDLORD SHALL SUBMIT A REPORT, ON A WEEKLY BASIS INDICATING THE PERCENT COMPLETE FOR EACH LINE ITEM ON THE SCHEDULE USING THE TSC WEEKLY PROGRESS REPORT ALONG WITH PHOTOS PER PHOTO LOG ON THE BLANK REPORTS PROVIDED BY TSC.
- T.S.C. WILL EMPLOY AN INDEPENDENT INSPECTION COMPANY FOR CONCRETE QUALITY & STRENGTH AND STRUCTURAL STEEL AS INDICATED WITHIN STRUCTURAL & GREENHOUSE DOCUMENTS. THE RESULTS ARE TO BE SUBMITTED TO THE OWNER AND THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL PROVIDE UPDATES TO T.S.C. RELATED TO SCHEDULE AND PROVIDE ACCESS FOR THE INDEPENDENT INSPECTIONS.
- FOR RED STRIPING, CONTACT POP SOLUTIONS AT 901-795-5936, ACCOUNT REP. RICK TOWNE.
- LANDLORD/LANDLORD GENERAL CONTRACTOR TO VERIFY WITH LOCAL POSTMASTER IF A MAILBOX IS REQUIRED. IF SO, GENERAL CONTRACTOR TO INSTALL MAILBOX TYPE AND LOCATION PER THE POSTMASTER RECOMMENDATION AND PER USPS STANDARDS.
- J' MOLD TO BE USED AT ALL INTERSECTIONS OF GYPSUM BOARD AND ANY OTHER NON-GYPSUM MATERIAL.
- CORNER GUARDS TO BE USED AT ALL INTERIOR 'OUTSIDE' CORNER CONDITIONS.
- DURING CONSTRUCTION, ANY PARTIALLY COMPLETED MASONRY WALLS (CMU, BRICK, ETC.) SHALL BE COVERED WITH STRONG WEATHER RESISTIVE MATERIAL. DURING ALL TIMES WHEN CONSTRUCTION IS NOT IN PROGRESS AND ESPECIALLY AT THE END OF EACH WORK DAY, THE COVER SHALL BE DRAPED OVER THE WALL AND EXTEND A MINIMUM OF (2) TWO FEET DOWN FROM BOTH SIDES AND SECURELY HELD IN PLACE.
- FOR SOS TRUCK DELIVERIES ON RELO STORES, COORDINATE WITH TSC STORE SERVICES SPECIALIST CAROLINE RICE CRICE@TRACTORSUPPLY.COM FOR RENTAL TOW-MOTOR DROP. RENTAL TOW-MOTOR SHOULD ARRIVE NO LATER THAN THE WEDNESDAY PRIOR TO FIXTURE DATE. THE RENTAL TOW-MOTOR WILL BE PICKED-UP THE MONDAY FOLLOWING THE STORE'S SOFT OPENING DATE.
- FINISHED SPACE SHALL BE PROVIDED IN A MANNER THAT PREVENTS RODENT INTRUSION. SEAL PENETRATIONS THROUGH EXTERIOR WALL SURFACES WITH AN AEROSOL, MOISTURE-CURING POLYURETHANE FOAM SIMILAR TO "PUR BLACK" BY TODOL PRODUCTS, INC. (508.651.3918) OR APPROVED EQUAL.
- CONCRETE MASONRY UNITS AND EXTERIOR CONCRETE MOISTURE CONTENT CRITERIA. GENERAL CONTRACTOR, OR, THE OWNERS TESTING COMPANY SHALL PROVIDE MOISTURE TESTING OF ALL CMU AND CONCRETE EXTERIOR WALL PER ASTM D4263 PRIOR TO APPLICATION OF PAINT.
- TSC PROJECT MANAGER MUST APPROVE THE APPLICATION OF PAINT IN WRITING, IF THE MOISTURE CONTENT IS ABOVE 15%.
- GENERAL CONTRACTOR TO HAVE A LOCAL CONTACT WITHIN 2-HOURS FOR ALL (NON)WARRANTY ELECTRICAL AND/OR PLUMBING CALL BACK REPAIRS.
- ADD STEEL WOOL AT ALL CONDUIT/PIPE PENETRATIONS AT EXTERIOR WALLS AND ADD ESCUTCHEON PLATE AND PROVIDE SEALANT AT ALL ESCUTCHEON EDGES TO PREVENT RODENT INTRUSION.
- AT EXISTING HVAC CURBS, CONTRACTOR TO INSTALL STEEL WOOL AND CLOSED-CELL SPRAY FOAM AT ALL CURB PENETRATIONS TO PREVENT RODENT INTRUSION. CONTRACTOR TO VERIFY ALL WARRANTIES REMAIN INTACT AND APPROVED BY LANDLORD.
- USE OF CLEAR SEALANTS IS PROHIBITED.
- POWER POLES FOR ALL CHECKOUT DROPS ARE TO BE BLACK; NO SUBSTITUTIONS.

FINAL FIXTURE PLAN TO BE RECEIVED BY CONTRACTOR AND/OR LL APPROXIMATELY 8 WEEKS PRIOR TO FIXTURE DATE TO ESTABLISH PROPER PLACEMENT OF ALL COUNTERS, POWER POLES, AND WOOD GRAIN FLOORING.

ON TSC OWNED PROJECTS ONLY. AN EXTREME WEATHER EVENT AND/ OR WEATHER RELATED CONDITIONS TO BE CONSIDERED FOR A CHANGE ORDER TO THE BASE CONTRACT MUST BE SUBSTANTIATED AS AN EVENT EXCEEDING THE PRIOR 3 YEAR AVERAGE OF SUCH AN EVENT VIA ACCUWEATHER.COM FOR THE SPECIFIC LOCATION AND SCHEDULE OF THIS PROJECT. PROPOSED CHANGE ORDERS OR CHARGES FOR WEATHER RELATED ISSUES MUST EXCEED THAT 3 YEAR AVERAGE IN ORDER TO BE CONSIDERED.

onyx | creative

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Cleveland, Ohio 44128
216.223.3200
onyxcreative.com

STATE OF OHIO
MICHAEL C. CRISLIP
D.
CRISLIP
12/11/2024
8225
REGISTERED ARCHITECT

Name: MICHAEL C. CRISLIP
License: 8225
Expiration: 12/31/25

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FUSION / SIDELOT

COMBO PROJECT

STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.: 24.0518
Drawn By: JM
Date: 12-6-24
Issue: PERMIT

T1.2

GENERAL NOTES

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GENERAL NOTES

PARKING REQUIREMENTS:

- A. EXISTING PARKING SPACES / CONFIGURATION TO REMAIN, UNLESS NOTED OTHERWISE BY THE S.O.W. OR AS REQUIRED BY LOCAL JURISDICTION.
- B. WHEN RESEALING AND/OR RE-STRIPING, BAY SPACING, AS NOTED ON PLAN IS PREFERRED, WITH A PARKING STALL SIZE OF 9' WIDTH x 18' LENGTH AND 90-DEGREE ORIENTATION.
- C. STRIPING AND GRAPHICS SHALL USE A SINGLE 4" WIDE STRIPE, DIRECTIONAL ARROWS AND LETTERING ARE SOLID; COLOR AS REQUIRED PER NOTES ON THIS SHEET.

LANDSCAPE AREAS AND IRRIGATION:

- A. LANDSCAPE IS TO ONLY BE MODIFIED AS REQUIRED BY NEW WORK AFFECTING PREVIOUS LANDSCAPE. NEW LANDSCAPING IS NOT INTENDED THROUGHOUT.
- B. IF ALREADY INSTALLED, IRRIGATION SYSTEM TO BE COMPATIBLE WITH THE PLANT MATERIAL AND ENVIRONMENTAL EXPOSURE.
- C. IF LANDSCAPE IS TO BE ADDED / MODIFIED DESIGN WITH CONSIDERATION TO SIGHT LINES TO BUILDING SIGNAGE AND ENTRY ELEMENTS AS TO NOT REDUCE VISIBILITY.

GRADING AND DRAINAGE:

- A. EXISTING IMPERVIOUS AREA AND CALCULATED DRAINAGE AREA IS NOT INTENDED TO BE CHANGED. EXISTING SIDE LOT PAVEMENT IS INTENDED TO BE UTILIZED AS SLAB FOR NEW GREENHOUSE AND/OR FEED STORAGE BUILDING.
- B. IF NEW PAVEMENT OR SIDEWALKS ARE TO BE CONSTRUCTED, AS IDENTIFIED WITHIN, DRAINAGE SHALL FLOW AWAY FROM BUILDINGS AND SIDEWALK CURBS. SIDEWALKS SHALL SLOPE AWAY FROM BUILDING AT 1/8" PER FOOT (MIN.)
- C. PROVIDE ALL REQUIRED UNDERGROUND AND SLEEVING ALL UTILITY AND IRRIGATION CONNECTIONS.

SITE LIGHTING:

- A. EXISTING SITE LIGHTING TO REMAIN; NO NEW LIGHTING OR LIGHT POLES INCLUDED, U.N.O.
- B. MINIMUM MAINTAINED ILLUMINATION AT GROUND SURFACE:
- REPAIR OR REPLACE FIXTURES AND LAMPS THAT ARE NOT OPERATIONAL.
- C. IF NOTED ON THE S.O.W. ALL CONCRETE LIGHT POLE BASES ARE TO BE PAINTED SAFETY YELLOW UNLESS OTHERWISE REQUIRED BY AUTHORITY HAVING JURISDICTION (REFER TO SCOPE OF WORK SUMMARY FOR ADDITIONAL INFORMATION).

OUTDOOR DISPLAY FIXTURE INSTALLATION GUIDELINES:

- A. VERIFY WITH THE STORE MANAGER THAT ALL RACKS ARE PROPERLY BUILT AND POSITIONED.
- B. DRILL HOLES FOR ANCHOR. (NOTE: HOLE IN BASE PLATE OF THE RACK MAY VARY. COORDINATE HOLE DIAMETER WITH MANUFACTURE.)
- C. BOLT DOWN WITH ANCHOR BOLTS PER MANUFACTURER'S SPECIFICATIONS.
- D. SWEEP UP DRILLINGS AND ANY OTHER DEBRIS.

EXTERIOR PENETRATIONS:

FLASH, DRAFT STOP AND INSULATE AROUND ALL PENETRATIONS INCLUDING, BUT NOT LIMITED TO: PLUMBING PIPES AND VENTS, ELECTRICAL WIRES AND CONDUITS, ELECTRICAL FIXTURES, OTHER MECHANICAL SERVICES, AND, IN SOME CASES, STRUCTURAL MEMBERS WITH A NON-DELETERIOUS ELASTOMERIC SEALANT, CAULK, FOAM, PAINT, ADHESIVE OR EFFECTIVE GASKET THROUGHOUT THE BUILDING ENCLOSURE. USE APPROPRIATE INFILL MATERIAL(S) COMPATIBLE WITH ADJACENT MATERIALS. DO NOT EXCEED MANUFACTURERS PUBLISHED TOLERANCES FOR MAXIMUM OPENING SIZES TO INFILL. REFER TO ASTM C1193 FOR A STANDARD GUIDE FOR USE OF JOINT SEALANTS. NO CLEAR SEALANTS.

8' HIGH CHAIN LINK FENCE SPECIFICATIONS: *REMODELS ONLY*

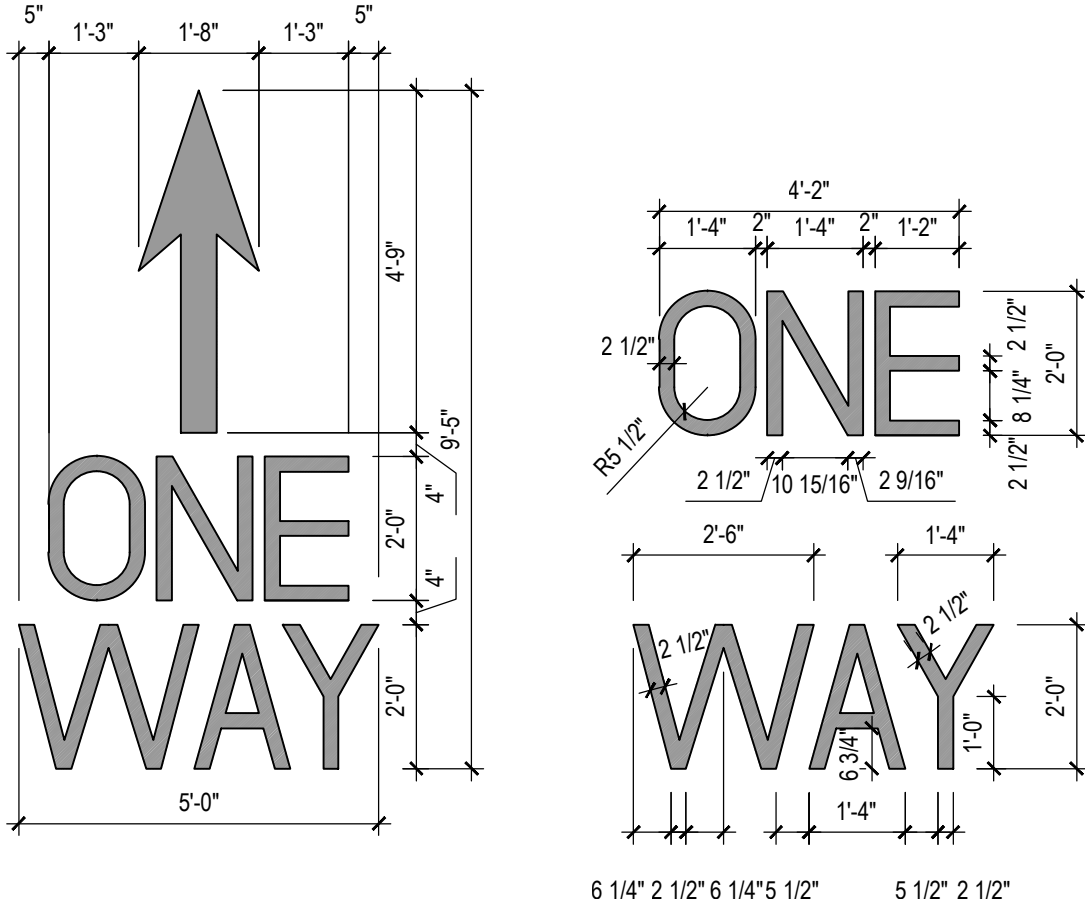
- A. FABRIC: 96" 9 GA. GALVANIZED (2" MESH) CHAIN LINK FABRIC.
- B. TOP & BOTTOM RAIL: 1 5/8" O.D. FULL WEIGHT PIPE, 2.27 LBS. PER FOOT (MIN). TOP RAIL TO BE JOINED WITH 1 5/8" SLEEVE. BOTTOM RAIL @ 18" ABV. GRADE.
- C. LINE POST: 2 1/2" O.D. FULL WEIGHT PIPE, 3.65 LBS. PER FOOT (MIN). LINE POST TO BE SET 10' ON CENTER MAX. SPACING. CONCRETE FOOTING TO BE 8" DIA. BY 30" DEEP CONC.
- D. TERMINAL POST: 3" O.D. FULL WEIGHT PIPE, 5.79 LBS. PER FOOT (MIN). SET IN 8" DIA. BY 36" DEEP CONC. FOOTING.
- E. GATE POST: 4" O.D. FULL WEIGHT PIPE, 9.10 LBS. PER FOOT (MIN). 8" DIA. 36" DEEP CONC. FOOTING.
- F. GATES: (5-6): (4) 10 FOOT SWINGING CHAIN LINK GATES AND (1-2) 4 FOOT SWING GATE(S), WITH FRAMEWORK OF 1 5/8" FULL WEIGHT PIPE, 2.27 LBS. PER FOOT (MIN). GATES BRACED AND TRUSSED AS NECESSARY. SAME FABRIC AS FENCE. SEE PLAN FOR WIDTH.
- G. SWING GATES: DESIGN AS PER THE MANUFACTURERS DESIGN STANDARDS. GATES SHALL BE MANUALLY OPERATED SWINGING. MAXIMUM DISTANCE BETWEEN BOTTOM OF GATE AND FINISH GRADE TO BE 10".
- H. TENSION WIRE: 7 GA. COIL SPRING GALVANIZED TENSION WIRE ATTACHED TO BOTTOM OF FENCE FABRIC WITH 9 GA. ALUM. HOG RING SPACED 24" ON CENTER.
- I. FITTINGS: HEAVY BRACED BAND AND CARRIAGE BOLT, PRESSED STEEL RAIL-END, PRESSED STEEL LOOP CAP, PRESSED STEEL CAP, 1/4" X 3/4" TENSION BAR, HEAVY TENSION BAND AND CARRIAGE BOLT.
- J. TIE WIRE: 8 1/4" 12 GA. STEEL TIE WIRE AND 6 1/2" 12 GA. STEEL WIRE SPACED 15" ON CENTER FOR LINE POST AND 24" ON CENTER FOR RAILS.
- K. POST FOOTING: TRUCK POURED CONCRETE.
- L. SPECIFY A GATE LATCH WITH THE ABILITY TO ACCEPT A STANDARD PAD LOCK.

PARKING LOT PAINT SPECIFICATIONS - 15 MIL APPLICATION (0.015 INCH THICKNESS):

- A. NEW PAVEMENT SURFACE TO CURE FOR A PERIOD OF NOT LESS THAN 14 DAYS BEFORE APPLICATION OF MARKING MATERIALS.
- B. REMOVE ALL DIRT, GRAVEL, DEBRIS, VEGETATION, OR OTHER MISCELLANEOUS OBJECTS FROM THE SURFACE WITH A BROOM TRUCK OR EQUIVALENT RIGOROUS METHOD. PROVIDE A CLEAN, DUST-FREE AND COMPLETELY DRY SURFACE FOR PAINT APPLICATION. DO NOT APPLY PAINT OVER EXISTING TAPE MARKINGS.
- C. CONFIRM & RECORD PROPER AIR AND SURFACE TEMPERATURES OF 55° AND RISING AND LESS THAN 95°. IF THE SURFACE TEMPERATURE IS NOT WITH THE TEMPERATURE RANGE OR IF THE PAINT APPLICATION IS DONE UNDER ADVERSE CONDITIONS (AS DETERMINED BY THE CONSTRUCTION PROJECT MANAGER) SUCH AS ABOVE 75% HUMIDITY, NIGHT, STRIPING, ETC. IN ORDER TO MEET TSC OPENING SCHEDULE, CONTRACTOR TO RE-SCHEDULE AND COMPLETE SURFACE STRIPING UNDER PROPER CONDITIONS A MINIMUM OF 30 DAYS PRIOR TO THE EXPIRATION OF THE (1) ONE YEAR CONSTRUCTION WARRANTY.
- D. PROVIDE A 15 MIL THICK 4" WIDE CONTINUOUS STRIPE WHERE AND IN THE COLOR INDICATED. MINIMUM OF (2) TWO COATS.
- E. PROVIDE PRIMER AND SEALER TO BE APPLIED PER THE MANUFACTURER'S RECOMMENDATIONS ON ALL CONCRETE SURFACES AND ON ASPHALT SURFACES THAT ARE MORE THAN TWO YEARS OLD, OXIDIZED AND/OR HAVE AGGREGATE EXPOSED.

SITE STRIPING NOTE:

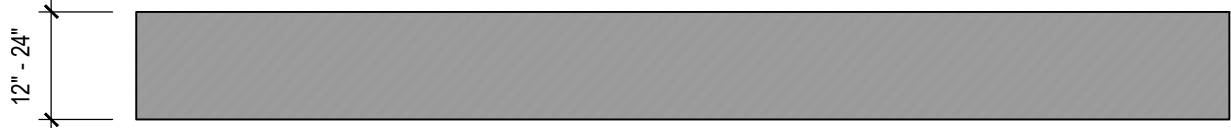
- A. STRIPING ON CONCRETE TO BE YELLOW.
- B. STRIPING ON ASPHALT TO BE WHITE.



3 TYPICAL ONE WAY LETTERING

NOTE:
UNLESS OTHERWISE SHOWN:
LETTER HEIGHT = 8'-4"
LETTER WIDTH = 1'-4"
LETTER SPACING = 2"
VERTICAL SPACING = 4"

(USE EQUAL SPACING BETWEEN LETTERS AND CENTER ENTIRE SYMBOL IN LANE)



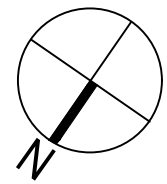
2 TYPICAL STOP LANE LINE



1 TYPICAL EDGE LANE LINE



SITE PLAN
1" = 30'



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REGISTERED ARCHITECT
MICHAEL D. CRISLIP
12/11/2024
8225

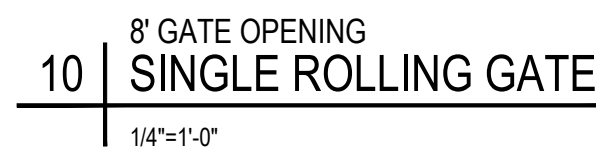
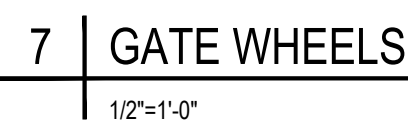
Name: MICHAEL D. CRISLIP
License: 8225
Expiration: 12/31/25

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FUSION / SIDE LOT
COMBO PROJECT
STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.:	24.0518
Drawn By:	AM
Date	Issue
12-6-24	PERMIT



FENCED OUTDOOR DISPLAY LOT SIGNAGE - MOUNTING		
TSC ID AND SIGN DESCRIPTION	MOUNTING LOCATION	SUGGESTED MOUNTING METHOD
G6 - POLE SIGN: FEED, FENCING & MORE (18' X 24')	NEXT TO FEED BLDG OVERHEAD DOOR	2-1/2" DIA. GALVANIZED MTL POLE USING U-BOLTS
G7 - POLE SIGN: EXIT (18' X 24')	NEXT TO REAR DRIVE THRU FENCE GATE	2-1/2" DIA. GALVANIZED MTL POLE USING U-BOLTS
UFS - GATE SIGN: THANKS FOR SHOPPING (39' X 21')	ON FRONT SIDE OF REAR DRIVE THRU FENCE GATE	VENDOR #22 WILL SEND A UHOCK FOR INSTALLATION



FUSION / SIDELOT

COMBO PROJECT

STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.:	24.0518
Drawn By:	JM
Date	Issue
12-6-24	PERMIT

AS1.1

SITE DETAILS

CODE SUMMARY

- 2024 OHIO BUILDING CODE
- 2024 OHIO PLUMBING CODE
- 2024 OHIO MECHANICAL CODE
- 2021 OHIO FUEL GAS CODE
- 2023 OHIO ELECTRICAL CODE
- 2021 OHIO ENERGY CODE
- 2017 OHIO FIRE CODE

NUMBER OF STORIES:
2 - EXISTING
OCCUPANCY CLASSIFICATION:
MERCANTILE
CONSTRUCTION TYPE:
II-B
FIRE PROTECTION:
SPRINKLED:
EXISTING MAIN BUILDING: EXISTING TO REMAIN
ALARM SYSTEM:
ALARMED:
EXISTING MAIN BUILDING: EXISTING TO REMAIN

AREA AND OCCUPANT LOAD CALCULATIONS:
MAIN BUILDING (EXISTING TO REMAIN):
MERCANTILE: 15,778 SF / 60 = 263 OCCUPANTS
BUSINESS: 397 SF / 100 = 4 OCCUPANTS
STORAGE: 4,633 SF / 300 = 16 OCCUPANTS
MAIN BUILDING TOTAL: 20,808 SF AND 283 OCCUPANTS (EXISTING TO REMAIN)
EXISTING EGRESS:
M : 263 x 0.2 = 52.6' REQ'D x 50% = 26.3'; 99' + 34' + 34' + 68' = 261.3' PROVIDED
B : 4 x 0.2 = 0.8' REQ'D; 34' PROVIDED.
S : 16 x 0.2 = 3.2' REQ'D; 34' PROVIDED.

- GENERAL BUILDING NOTES:
- PROVIDE TACTILE SIGNAGE AT ALL EXTERIOR DOORS.
 - PROTRUDING OBJECTS IN THE EGRESS PATH, MUST COMPLY WITH THE CODE AND ACCESSIBILITY REQUIREMENTS.
 - PROVIDE KNOX BOX FOR GATE LOCKS. COORDINATE WITH LOCAL FIRE DEPARTMENT.

ERRC COMPLIANCE / TESTING

WHERE REQUIRED BY THE AHJ, CONTRACTOR SHALL ENGAGE AN INDEPENDENT EMERGENCY RESPONDER RADIO COVERAGE (ERRC) TESTING COMPANY TO VERIFY SIGNAL STRENGTH INSIDE OF BUILDING (AFTER THE COMPLETION OF CONSTRUCTION & PLACEMENT OF MERCHANDISE), INCLUDING ALL CRITICAL REQUIRED AREAS. IF SIGNAL STRENGTH IS NOT ADEQUATE TO THE AHJ STANDARDS, CONTACT AOR FOR ERRC IMPROVEMENT PACKAGE.

FIRE EXTINGUISHERS

- CLASS A HAZARD (ORDINARY)
- MAXIMUM FLOOR AREA PER UNIT OF A = 1,500 SQ. FT. (EXAMPLE: 2A SHALL PROTECT 3,000 SQ. FT.)
 - MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER = 75'
- CLASS B HAZARD (ORDINARY)
- MAXIMUM TRAVEL DISTANCE TO 10B RATED EXTINGUISHER = 30'
 - MAXIMUM TRAVEL DISTANCE TO 20B RATED EXTINGUISHER = 50'
- CLASS C HAZARD
- REQUIRED WHERE ENERGIZED ELECTRICAL EQUIPMENT CAN BE ENCOUNTERED
 - SHALL BE SIZED AND LOCATED ON THE BASIS OF CLASS A OR CLASS B HAZARD
- CLASS K HAZARD
- REQUIRED WHERE THERE IS A POTENTIAL FOR FIRES INVOLVING COMBUSTIBLE COOKING MEDIA.
 - MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER = 30'

- GENERAL NOTES
- DESIGN CRITERIA PER APPLICABLE BUILDING/FIRE CODES AND NFPA 10.
 - PROVIDE MINIMUM 2A-10B C EXTINGUISHERS AS INDICATED ON PLAN OR AS DIRECTED BY AHJ.
 - COORDINATE FINAL QUANTITIES, LOCATIONS AND INSTALLATION w/ AHJ.
 - EXTINGUISHERS SHALL HAVE A GROSS WEIGHT NOT TO EXCEED 40 LBS.
 - EXTINGUISHERS SHALL BE INSTALLED w/ BOTTOM @ 4" AFF MIN.
 - EXTINGUISHERS SHALL BE INSTALLED w/ TOP @ 3'-6" AFF MAX - U.N.O.
 - EXTINGUISHER CABINETS (WHERE OCCUR) SHALL BE INSTALLED w/ TOP OF CABINET @ 4'-0" AFF MAX - U.N.O.

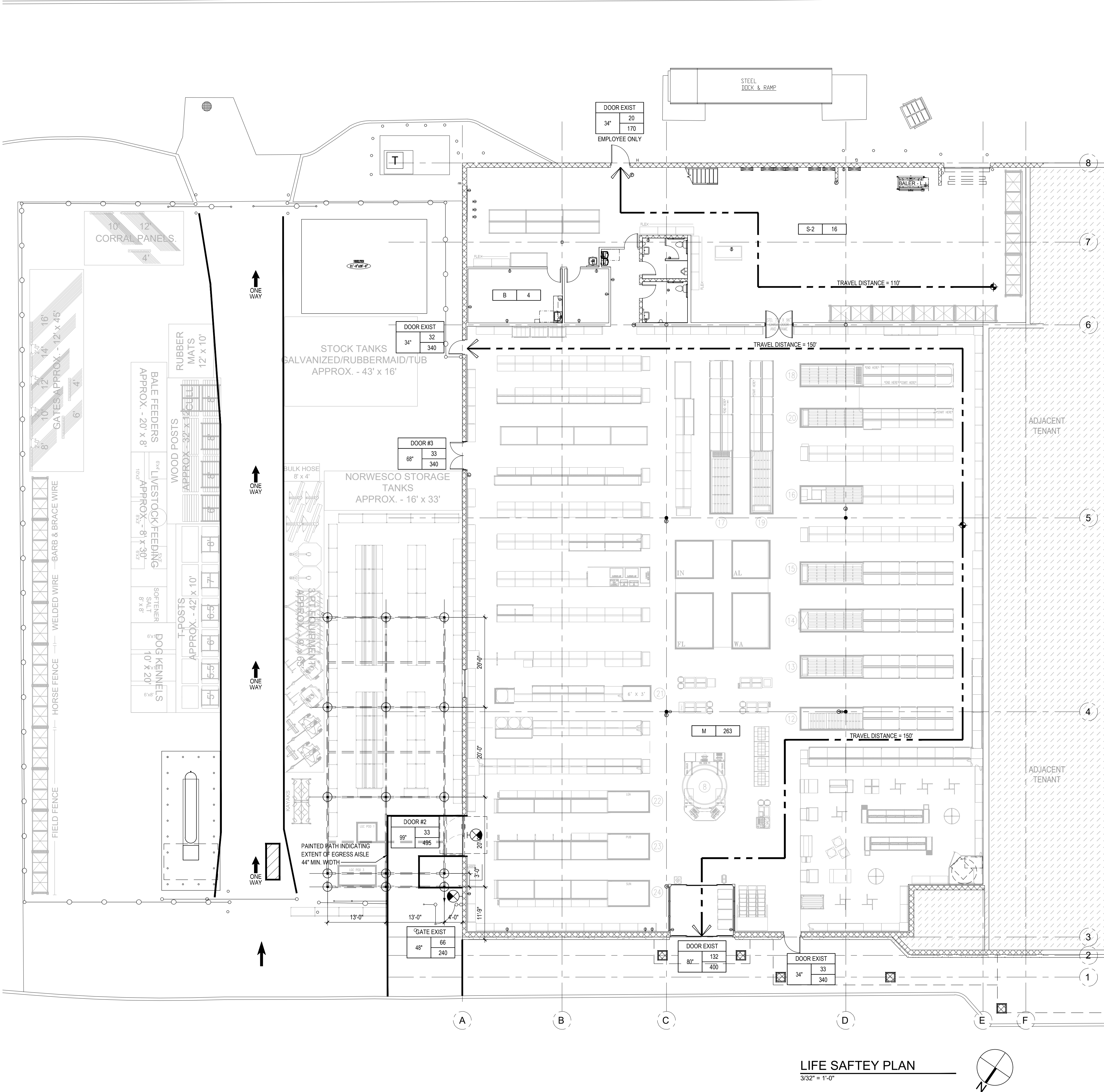
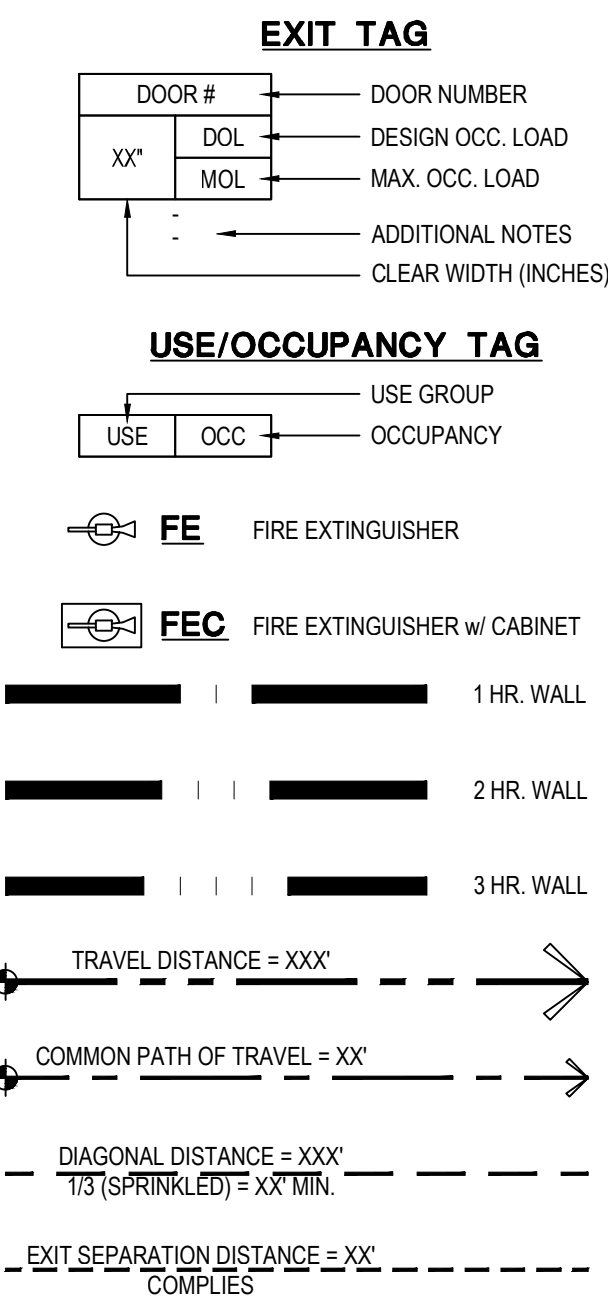
GENERAL NOTES

- REFER TO DOOR SCHEDULE ON SHEET A0.0 FOR EXIT HARDWARE & OPERATION.
- REFER TO ELECTRICAL DRAWINGS FOR EXIT SIGNS & EMERGENCY LIGHT INFORMATION.

PLUMBING CALCULATION

CRITERIA		IBO TABLE 2902.1 REQUIREMENTS	
MALE	FEMALE	MALE	FEMALE
TOILETS BY USE TYPE			
M: (132 OCC. @ 1/500)=0.26	M: (132 OCC. @ 1/500)=0.26		
B: (2 OCC. @ 1/25)=0.08	B: (2 OCC. @ 1/25)=0.08		
S: (8 OCC. @ 1/100)=0.08	S: (8 OCC. @ 1/100)=0.08		
TOTAL TOILETS= 0.42	TOTAL TOILETS= 0.42	1 TOILET	1 TOILET
LAVATORIES BY USE TYPE			
M: (132 OCC. @ 1/750)=0.18	M: (132 OCC. @ 1/750)=0.18		
B: (2 OCC. @ 1/40)=0.05	B: (2 OCC. @ 1/40)=0.05		
S: (8 OCC. @ 1/100)=0.08	S: (8 OCC. @ 1/100)=0.08		
TOTAL LAVS= 0.31	TOTAL LAVS= 0.31	1 LAV	1 LAV
ACTUAL FIXTURES PROVIDED		2 TOILETS / 1 URINAL / 2 LAV	
DRINKING FOUNTAINS REQUIRED = 1 PER 1000 OCCUPANTS		2 PROVIDED (1 HIGH / 1 LOW)	
SERVICE SINK REQUIRED = 1		1 PROVIDED	

LEGEND



LIFE SAFTEY PLAN
3/32" = 1'-0"

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Michael D. Crislip
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FUSION / SIDELOT
COMBO PROJECT
STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.: 24.0518
Drawn By: JM
Date: 12-6-24
Issue: PERMIT
1-14-25 REVISION 1

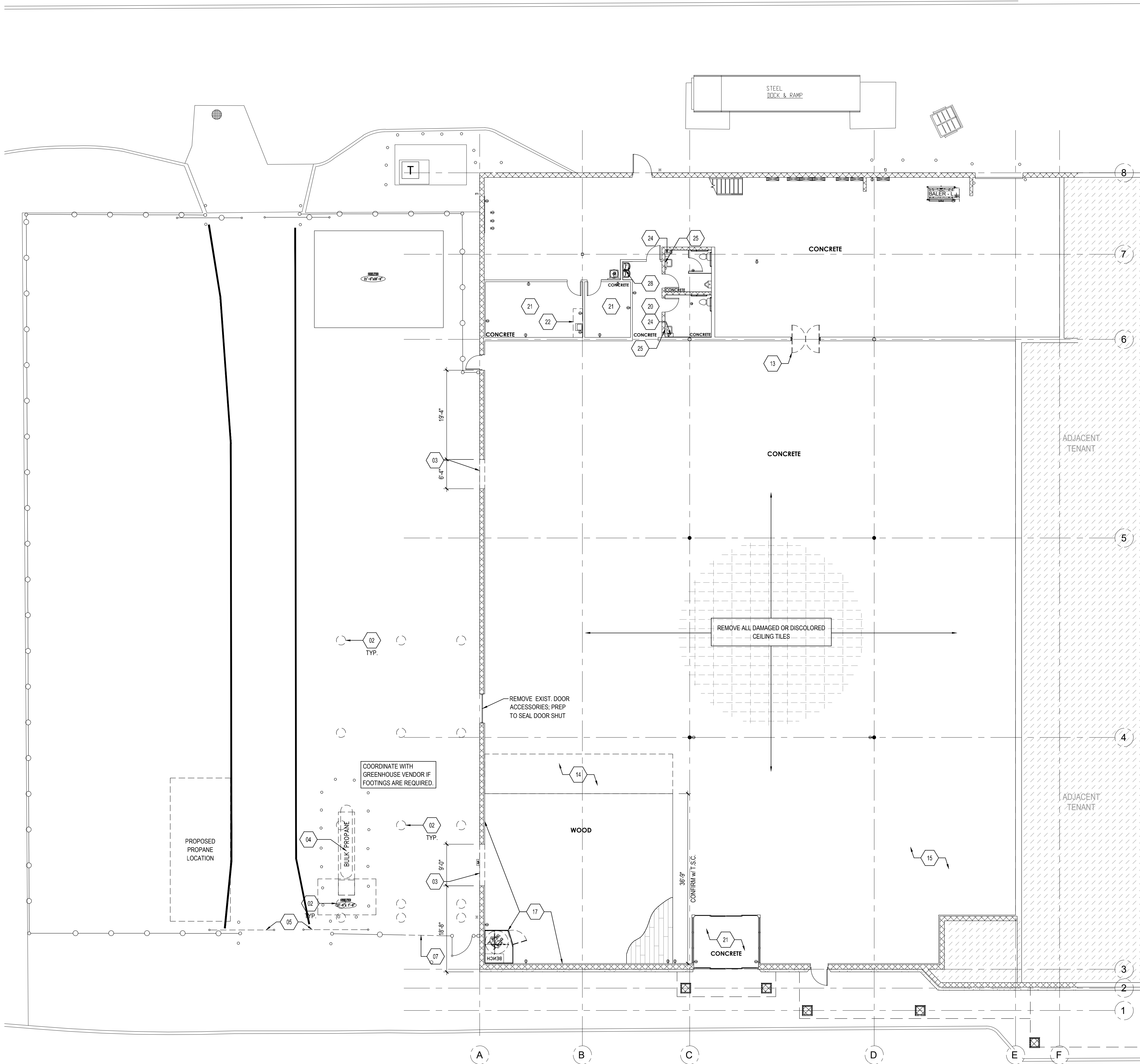
LS1.0
LIFE SAFETY PLAN

X CODED NOTES

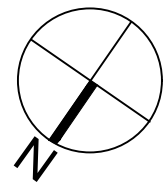
- NOT USED.
- SAW-CUT & REMOVE EXIST PAVING AS REQUIRED FOR NEW FOOTINGS; COORDINATE WITH VENDOR DOCUMENTS FOR ADDITIONAL INFORMATION AND COLUMN PLACEMENT.
- SAW-CUT & REMOVE PORTION OF EXISTING EXTERIOR WALL TO CREATE NEW OPENING FOR DOOR WHERE INDICATED. REFER TO SHEET A1.0 & S1.0 FOR ADDITIONAL INFORMATION. COORDINATE SIZE OF OPENING WITH DOOR MANUFACTURER. PRIOR TO CUTTING DOORWAY, COMPARE THE INTERIOR FINISH FLOOR ELEVATION & EXTERIOR GRADE ELEVATION. IF SLOPED CONCRETE OR A RAMP IS REQUIRED, CONTACT TSC PM & COORDINATE EXTENT OF WORK.
- ***DO NOT DISCONNECT OR REMOVE PROPANE TANK PRIOR TO FINAL RELOCATION. DESTINATION IS COMPLETE & INSPECTED TO MINIMIZE PROPANE USE SHUTDOWN***
REMOVE EXIST PROPANE TANK & BOLLARDS. RELOCATE TANK AND EQUIPMENT WHERE INDICATED. REFER TO SHEET A1.0 FOR ADDITIONAL INFORMATION. COORDINATE WITH TSC PM & COORDINATE EXTENT OF WORK.
- REMOVE EXIST GATES. PREPARE AREA TO RECEIVE NEW WORK.
- NOT USED.
- REMOVE EXIST FENCE WHERE INDICATED. PREPARE AREA TO RECEIVE NEW WORK.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- REMOVE EXIST DOOR. PREP OPENING FOR NEW WORK.
- REMOVE EXIST LVT FLOORING THAT EXTENDS BEYOND THE NEW DEPARTMENT LAYOUT. REMOVE ALL GLUE / MASTIC. PREP FLOOR FOR NEW WORK. COORDINATE WITH TSC FIXTURE LAYOUT.
- PREP SLAB FOR INSTALL OF NEW LVT PLANK FLOORING; COORDINATE WITH A1.0 & TSC FIXTURE LAYOUT.
- NOT USED.
- REMOVE EXIST CLOTHING AREA FINISHES & DRESSING ROOM; PREP AREA FOR NEW WORK.
- NOT USED.
- NOT USED.
- REMOVE ALL DAMAGED & STAINED CEILING TILES. REMOVE ALL LIGHT COVERS.
- REMOVE ALL CEILING TILES & LIGHT COVERS.
- REMOVE EXIST COUNTER & SINK UNIT IN BREAKROOM.
- NOT USED.
- REMOVE EXIST PAPER TOWEL DISPENSER(S) IN RESTROOMS.
- REMOVE EXISTING MIRROR IN RESTROOM.
- NOT USED.
- NOT USED.
- REMOVE EXIST DRINKING FOUNTAIN.
- NOT USED.
- NOT USED.

GENERAL NOTES

- A. DEMOLITION PLAN SHOWS THE APPROXIMATE LAYOUT OF EXISTING BUILDING SPACE AND IS NOT INTENDED TO REPRESENT "AS-BUILT" CONDITIONS. PRIOR TO ANY DEMOLITION WORK, THE CONTRACTOR MUST FIELD VERIFY EXISTING BUILDING CONDITIONS AS WELL AS VERIFY EXISTING MECHANICAL, PLUMBING, AND ELECTRICAL WORK LOCATED IN THE DEMOLITION SPACE. NOTIFY ARCHITECT, T.S.C. PM AND CONSTRUCTION MANAGER IF THERE ARE ANY DISCREPANCIES.
- B. PROTECT EXISTING CONSTRUCTION SHOWN TO REMAIN DURING DEMOLITION. DAMAGE TO EXISTING CONSTRUCTION SHOWN TO REMAIN SHALL BE RESTORED TO MATCH PRE-DAMAGED CONDITION.
- C. PROTECT FROM DAMAGE ALL EXISTING FINISH WORK TO REMAIN IN PLACE AND WHICH BECOMES EXPOSED DURING DEMOLITION OPERATIONS.
- D. PROVIDE ALL NECESSARY SHORING, BRACING, AND SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF STRUCTURE OR ELEMENT TO BE DEMOLISHED. AND ADJACENT STRUCTURE OR ELEMENT SHOWN TO REMAIN. SHORING AND BRACING SHALL BE DESIGNED BY CONTRACTOR'S PROFESSIONAL ENGINEER LICENSED IN THE APPLICABLE JURISDICTION.
- E. REFER TO MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.



DEMOLITION PLAN
3/32" = 1'-0"



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STATE OF OHIO
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8225
REGISTERED ARCHITECT

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License: 8225
Expiration: 12/31/25

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FUSION / SIDE LOT
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STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.: 24.0518
Drawn By: JM
Date: 12-6-24
Issue: PERMIT

D1.0

DEMOLITION PLAN

WALL COVERING INSTALLATION

ADHESIVE BACKED VINYL

1. NEW DRYWALL: MAKE SURE THE DRYWALL IS FREE OF CONTAMINANTS SUCH AS DUST, DIRT AND MILDEW. JOINTS AND SPACKLED AREAS SHOULD BE THOROUGHLY CURED AND SANDED SMOOTH. BEST RESULTS ARE OBTAINED WHEN THE MOISTURE CONTENT OF THE DRYWALL IS AT OR LESS THAN 5 PERCENT. APPLY A GOOD QUALITY OPAQUE/WHITE PRIMER PRIOR TO PAINTING.
2. MOISTURE BEHIND DRYWALL CAN CAUSE THE DRYWALL PAPER TO RELEASE. WATCH FOR WALLS THAT BACK UP TO COOLING SYSTEMS, WATER PIPES, OVERHEAD WINDOWS OR WINDOWS THAT HAVE BEEN BOARDED UP. THESE AREAS ARE PRONE TO CONDENSATION THAT MAY NOT BE OBVIOUS AT THE TIME OF INSTALLATION (PLEASE TRY AND POINT THESE OUT TO YOUR INSTALLER).
3. REPAIR ANY DAMAGE. WALL GRAPHICS WILL NOT ADHERE TO PEELING OR CHIPPED PAINT, DENTED WALL SURFACES, OR HOLES IN THE WALL. PLEASE BE SURE THAT ALL ITEMS THAT HAVE BEEN REPAIRED, ARE SANDED AND CLEANED SO THAT THERE IS A SMOOTH CLEAN SURFACE TO PAINT ON.
4. WE RECOMMEND THAT A GLOSS OR SEMI-GLOSS PAINT IS USED BECAUSE IT PROVIDES A SMOOTH, NON-POROUS SURFACE. FLAT OR SATIN FINISH PAINTS ARE NOT RECOMMENDED. PLEASE ADVISE IF CONSIDERING USING A FLAT OR SATIN FINISH PAINT. ALSO, PLEASE INFORM YUNKER IF YOU ARE USING A LOW TO 0 VOC PAINT SO THE APPROPRIATE VINYL CAN BE USED. CONTACT JULIE VENDEIRO; jvendeiro@yunker.com; 940.367.6680.
5. USE A DAMP CLOTH TO REMOVE ANY DUST OR DEBRIS FROM THE WALL.
6. FOR ALL NEW CONSTRUCTION ALL WALLS MUST BE PRIMED BEFORE PAINTING. PLEASE NOTE: VINYL WILL NOT ADHERE TO A WALL THAT HAS ONLY BEEN PAINTED AND NOT PRIMED.
7. ALLOW NO LESS THAN 7 DAYS FOR THE PAINT TO CURE BEFORE APPLYING VINYL.

GENERAL REQUIREMENTS

1. PAINT YELLOW STRIPE DOWN THE CENTER OF THE INSIDE OF THE ROLLING STEEL ROLLUP DOOR THAT RECEIVES NEW STRIPE DOORS. ONLY PAINT STRIPE IF PLASTIC STRIP DOOR IS INSTALLED ON THE INSIDE. ON THE INSIDE, HANG A 6 INCH YELLOW PAINTED PVC PIPE AT THE HEIGHT OF THE ROLLING STEEL ROLLUP DOOR THAT WILL WARN FORK LIFT DRIVER THAT THEIR FORKS ARE TOO HIGH. IF SECTIONAL DOOR, HANG 6 INCH YELLOW PAINTED PVC AT THE HEIGHT OF THE EXPOSED SIDE OF THE TRACK. IF SECTIONAL DOOR, DO NOT PAINT STRIPE DOWN THE CENTER.
2. CHECK PRIMARY ROLLUP DOOR (DOOR USED BY FORKLIFT TO EXIT BUILDING) FOR PLASTIC CURTAIN STRIPS. IF STORE CURRENTLY HAS THESE, AND THEY ARE DAMAGED, MISSING, OR NON-TRANSLUCENT, PLEASE REPLACE. EACH STRIPS SHOULD OVERLAP 50%. IF STORE DOES NOT HAVE THESE ON THEIR PRIMARY ROLLUP DOOR, INSTALL NEW SET. IF SECTIONAL DOOR, STRIPS ON EXTERIOR. IF ROLLING STEEL DOOR, STRIPS ON INTERIOR.
3. CONTRACTOR IS TO HIRE COMMERCIAL CLEANING COMPANY TO REMOVE ALL DIRT AND GRIME FROM THE BATHROOMS, BREAK ROOM, MANAGER OFFICE, HALLWAY, SERVICE COUNTER & CASH WRAPS. AT THE SIDE LOT DOOR & VESTIBULE DOOR, REMOVE ALL DIRT AND GRIME FROM INTERIOR & EXTERIOR FROM AND GLASS. THIS SHOULD BE DONE AT THE END OF THE PROJECT PRIOR TO THE PUNCH DATE.
4. ANY WALL THAT IS RECEIVING PAINT IS ALSO TO RECEIVE NEW OUTLET COVERS TO MATCH AS WELL AS NEW COVE BASE.
5. ALL HVAC GRILLS ON SALES FLOOR, VESTIBULE, REST ROOMS, BREAK ROOM, AND MANAGERS OFFICE TO BE CLEANED.

NOTE: CONFIRM APPLICABILITY WITH TSC PM PER TSC PROJECT.

DOOR-OPENING FORCE - FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE FORCE FOR PUSHING OR PULLING OPEN DOORS OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS:

1. INTERIOR HINGED DOOR: 5.0 POUNDS MAXIMUM
2. SLIDING OR FOLDING DOOR: 5.0 POUNDS MAXIMUM

THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR IN A CLOSED POSITION.

ALL LOCKSETS WILL BE FURNISHED CONSTRUCTION KEYED. AT THE END OF THE CONSTRUCTION PERIOD NEW PERMANENT CORES BY INSTAKEY WILL BE FURNISHED TO THE CONTRACTOR WHO WILL THEN CHANGE THEM OUT. THERE WILL BE A SEALED CARTON WITH THE SHIPMENT. THE CONTRACTOR IS TO TURN THAT SEALED CARTON OVER TO THE TSC STORE MANAGER AND GET THEIR SIGNATURE ON THE ENCLOSED RECEIPT.

FLOORING SPECIFICATIONS

FLOOR IN VESTIBULE, SALES, RESTROOMS, CORRIDOR, MANAGER'S OFFICE, EMPLOYEE LOUNGE

CONCRETE FLOORING SPECIFICATIONS, PROVIDE THE FOLLOWING:

- ANY FLOOR AREAS OVER 3" (900 BY) WILL BE PREPED BY THE "3C".
- MECHANICALLY GROUND AND POLISHED FLOOR SURFACE TO A 400 GRIT RESIN DIAMOND FOLLOWED BY 800 GRIT DIAMOND PAD BURNISH FOR A MID LEVEL GLOSS. INCLUDED IN THIS PROCESS IS CONCRETE DENSIFICATION, JOINT/CRACK FILLING UP TO 1150 LF AND PATCHING OF HOLES SMALLER THAN 3" THAT POSE A TRIP HAZARD. PROCESS TO BE INSTALLED BY FLOORING SUB-CONTRACTOR.

FLOOR IN STOCKROOM, IT ROOM

CONCRETE FLOORING SPECIFICATIONS, PROVIDE THE FOLLOWING:

- 1" CUT GRIND THEN SEALED WITH GUARD/ SEALER INSTALLED BY FLOORING SUBCONTRACTOR.

FLOOR IN PET WASH

CONCRETE FLOORING SPECIFICATIONS, PROVIDE THE FOLLOWING:

1. DO NOT BROOM FINISH THIS AREA. PLACE AND FINISH CONCRETE AS SPECIFIED IN SECTION 3.04 "CONCRETE FINISHES AND TOLERANCES". PARAGRAPH A "GENERAL FINISHES" CURE USING "KUREZ DR VOX" OR "KUREZ DR 100" AT AN APPLICATION RATE OF 400 SF/GALLON
2. JOINT FILLING: FILL ALL CONTROL JOINTS AS SPECIFIED IN SECTION 3.07 "INTERIOR CONCRETE JOINT FILLER", PARAGRAPH B
3. SURFACE PREPARATION: EPOXY FLOOR COATING SYSTEM IS DESIGNED FOR APPLICATION ON CONCRETE SUBSTRATES. NEWLY PLACED CONCRETE SURFACES SHOULD BE CURED FOR A MINIMUM OF 28 DAYS PRIOR TO COATING. CONCRETE SURFACES MUST BE STRUCTURALLY SOUND, FREE OF LOOSE OR DETERIORATED CONCRETE AND FREE OF DUST, DIRT, PAINT, EFFLORESCENCE, OIL AND OTHER CONTAMINANTS. MECHANICALLY ABRASE THE SURFACE TO ACHIEVE A SURFACE PROFILE EQUAL TO CSP 2-3 IN ACCORDANCE WITH ICRI GUIDELINE 310.2. PROPERLY CLEAN PROFILED AREA. THE PH OF THE SURFACE SHOULD BE CHECKED ACCORDING TO ASTM D 4262. FOLLOWING SURFACE PREPARATION, THE CLEANED SURFACE SHOULD HAVE A MINIMUM SURFACE-TENSILE STRENGTH OF 200 PSI WHEN TESTED WITH AN ELCOMETER OR SIMILAR PULL TESTER (ASTM D 4541).
4. PRODUCTS:
 - a. INITIAL COAT: "INCRETE HIGH PERFORMANCE EPOXY" 1 GALLON KIT (GRAY COLOR) BY EUCLID CHEMICAL
 - b. PIGMENTED CHIPS: "INCRETE GRANITE COAT CHIPS" (MICA COLOR) BY EUCLID CHEMICAL
 - c. GROUT COAT: "INCRETE HIGH PERFORMANCE EPOXY" 1 GALLON KIT (CLEAR COLOR) BY EUCLID CHEMICAL
 - d. FINAL WEAR COAT: "INCRETE POLYSEAL POLYASPARTIC" 2 GALLON KIT (CLEAR COLOR) BY EUCLID CHEMICAL
5. INITIAL COAT MIXING: PRE-MIX "INCRETE HIGH PERFORMANCE EPOXY" (GRAY) PART A AND PART B, THEN COMBINE 2 PARTS BY VOLUME OF PART A WITH ONE PART BY VOLUME OF PART B, AND THEN MIX THOROUGHLY USING A LOW-SPEED DRILL MOTOR AND A "JIFFY" TYPE MIXER. MIX ONLY THE AMOUNT OF MATERIAL THAT CAN BE APPLIED DURING THE POT LIFE. DO NOT AERATE THE MIX.
6. INITIAL COAT APPLICATION: APPLY "INCRETE HIGH PERFORMANCE EPOXY" (GRAY) AT 120 SF/GALLON. SPREAD THE MIXED EPOXY WITH A NOTCHED SQUEEGEE WHILE WEARING SPIKED SHOES. START FROM ONE END OF THE FLOOR AND WORK BACKWARDS AND SIDEWAYS TRYING TO KEEP A WET-TO-WET EDGE. THE COATING SHOULD THEN BE ROLLED IN ONE DIRECTION USING A 3/8" NAP, SHED-RESISTANT ROLLER. MAKE SURE THE MATERIAL IS APPLIED AS QUICKLY AS POSSIBLE WITHOUT LEAVING PUDDLES.
7. PIGMENTED CHIP APPLICATION: BROADCAST UNTIL REFUSAL, "INCRETE GRANITE COAT CHIPS" (MICA) IN A HIGH ARCING MOTION INTO THE WET EPOXY. ALLOW TO CURE. ONCE DRY, VACUUM/SCRAPE OFF EXCESS FLAKES. ALLOW TO DRY.
8. GROUT COAT: APPLY "INCRETE HIGH PERFORMANCE EPOXY" (CLEAR) AT 120 SF/GALLON. ALLOW TO DRY.
9. WEAR COAT: APPLY A FINAL COAT OF "INCRETE POLYSEAL POLYASPARTIC" (CLEAR) AT 120 SF/GALLON. ALLOW TO DRY.
10. COVE BASE: IN ADDITION TO THE SEAMLESS INTEGRAL FLOOR, PROVIDE A 4" COVE BASE FROM THE FLOOR TO THE FRP WALL TRANSITION. COVE BASE SHALL CONSIST OF A MIXTURE OF "INCRETE HIGH PERFORMANCE EPOXY" AND FINELY GRADED, CLEAN DRY, TROWELABLE AGGREGATES, TROWELED TO THE PREVIOUSLY INSTALLED VERTICAL CEMENT BOARD SURFACE, TO A HEIGHT OF 4 INCHES. CREATE A COVED, SEAMLESS, INTEGRAL TRANSITION AT JOINT BETWEEN WALL AND FLOOR. BROADCAST UNTIL REFUSAL, "INCRETE GRANITE COAT CHIPS" (MICA) INTO THE WET EPOXY. FINISH COVE BASE DETAIL WITH THE GROUT COAT AND WEAR COAT AS SPECIFIED HEREIN. ONCE COMPLETED, THE FLOOR AND COVE BASE SHALL BE SEAMLESS IN FUNCTION AND APPEARANCE.
 - a. INSTALL CEMENT WALL BOARD SO THAT THE BOTTOM EDGE IS FLUSH WITH THE FLOOR AS SPECIFIED.
 - b. INSTALL CEMENT WALL BOARD TAPE, SIMILAR TO GOLDBATT PROFESSIONAL CEMENT BOARD TAPE, TO ALL JOINT OF CEMENT BOARD.
 - c. INSTALL FIBER REINFORCED PANELS (FRP) AS REQUIRED. DO NOT APPLY ADHESIVE TO ANY AREAS CONTACTING THE 4" COVE BASE INSTALLATION. DO NOT APPLY WATER TO ANY OF THESE SURFACES PRIOR TO INSTALLATION OF THE EPOXY FLOOR OR COVE SYSTEM.
 - d. INSTALL 4" COVE BASE DIRECTLY TO CEMENT BOARD. COVE BASE SHALL COME IN DIRECT CONTACT WITH THE BOTTOM EDGE OF THE FIBER REINFORCED PANELS SO THAT THE FLOOR AND COVE BASE SHALL BE SEAMLESS IN FUNCTION AND APPEARANCE.

NOTE: TSC REQUIRES NO GAP BETWEEN THE BOTTOM RAIL OF THE CANTILEVER GATE AND THE FINISH GRADE SHALL BE GREATER AT ANY POINT WITHIN THE GATE OPENING THAN THE DEPTH OF THE CASTERS. GENERAL CONTRACTOR IS RESPONSIBLE FOR RESOLVING GRADES AT F.O.D.

AN ABBREVIATED CONCRETE SPECIFICATION APPROVED BY TSC SHALL BE INCLUDED FOR ALL RETROFIT PROJECTS. A COPY OF A GENERIC ABBREVIATED CONCRETE SPECIFICATION APPROVED BY TSC IS AVAILABLE FROM ONYX CREATIVE UPON REQUEST.

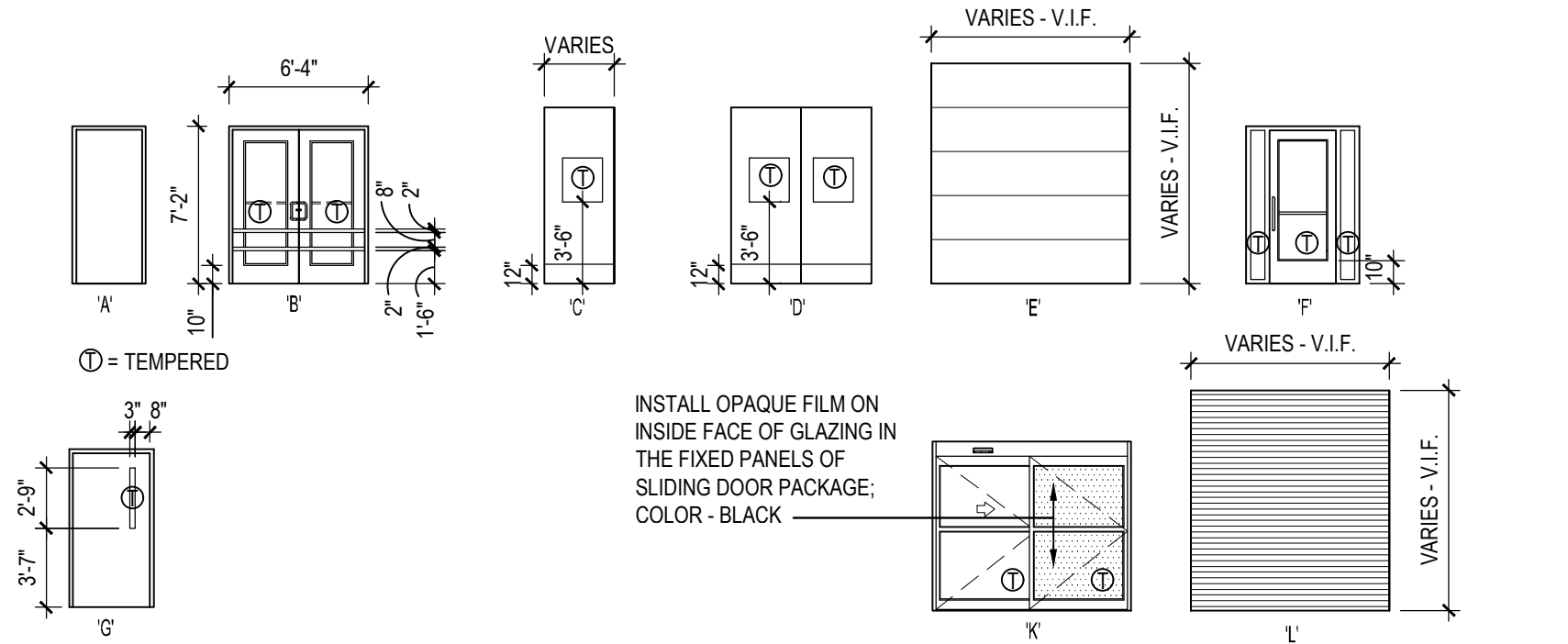
ONYX CREATIVE, INC.
25001 EMERY ROAD, SUITE 400
CLEVELAND, OH 44128
216-223-3200

HARDWARE SCHEDULE

SET#	QTY	ITEM	MFR
1A	1 EA. 1 EA. 1 EA.	MORTISE CYLINDER - 28107-1 - 26D CYLINDER CORE - 1CCT7A2 - GREEN MORTISE THUMB TURN - CYLINDER-26D BALANCE OF HARDWARE BY DOOR SUPPLIER	ILC BEST ILC
1C	3 EA. 1 EA. 1 EA. 2 EA. 1 EA. 1 EA. 1 EA.	1 1/2 PAIR BUTT HINGES, ANSI 156.1, A8111, HAGER BB1168 (ANSI A5111 / BB1199 @ EXTERIOR) CLOSER, ANSI A156.4, GRADE 1, LCN 4000 SERIES (PARALLEL ARM) THREE-POINT DEADLOCK, ADAMS RITE MS-1850S, 4089 EXIT INDICATOR, 4015 THRESHOLD BOLT, 4016 HEADER BOLT, KEYED MORTISED CYLINDER, ANSI A156.5, GRADE 1, 5 PIN, KEYED BOTH SIDES. (ONE DOOR ONLY) PUSH/PULL, KAWNEER CP-IIIC-9, FINISH TO MATCH DOOR. THRESHOLD (MAX. 1/2"H.), DOOR MANUFACTURER'S STANDARD WEATHERSTRIP PACKAGE AND BOTTOM SWEEP. SIGN, "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED" - 1" HIGH LETTERS ON A CONTRASTING BACKGROUND MOUNTED ABOVE DOOR. TACTILE EXIT SIGN MOUNTED AT RIGHT SIDE OF RIGHT HAND DOOR. REFER TO DETAIL.	HAGER LCN ADAMS RITE BY DOOR MANU.
2		ALL HARDWARE BY DOOR SUPPLIER	
11	1 EA. 1 EA. 1 EA. 1 EA. 1 EA.	RIM EXIT DEVICE - V40 X 48 X CD X EB W - 628 MORTISE CYLINDER - 28107-1 - 26D CYLINDER CORE - 1CCT7A2 - GREEN GATE HARDWARE - GTPLKT-BLK - BLACK SIGN, "THIS GATE TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED" - 1" HIGH LETTERS ON A CONTRASTING BACKGROUND	DET ILC BES DET

DOOR SCHEDULE

NO.	SIZE	TYPE	MATERIAL	FRAME	RATING	HARDWARE	REMARKS
2	9'-0" X 7'-8" (PACKAGE)	K	STOREFRONT GLASS	ALUM.		1A	10, 13 & 14
3	(2) 3'-0" X 7'-0"	B	STOREFRONT GLASS	ALUM.		1C	3, 10, 13, 14, 17 & 22
6	(2) 3'-0" X 8'-0"	D	CHASE IMPACT DOORS	MTL.		2	18 & 24
G1	V.I.F. EXISTING 4'-0" X 8'-0"	GATE	EXISTING	EXIST.		11	SEE 5/AS1.1



- DOOR REMARKS (NOTES):
1. 10' WIDE X 10' HIGH INSULATED SECTIONAL DOOR W/ ELECTRIC OPERATOR, (2) RADIO REMOTES, TIMER, CHAIN KEEPER AND REVERSING SAFETY EDGE. OVERRIDE BUTTON TO BE SUPPLIED BY OVERHEAD DOOR VENDOR AND INSTALLED BY GENERAL CONTRACTOR'S ELECTRICIAN. COLOR TO BE FACTORY FINISHED WHITE.
 2. KEY OUTSIDE.
 3. PROVIDED AND INSTALLED BY G.C. AND STORE MANAGER.
 4. DOOR TO HAVE 4" ALUM. HEAD AND THRESHOLD.
 5. SIGNAGE TO BE PROVIDED BY TSC.
 6. NOTE THAT DOORS REQUIRE A MINIMUM 10" BOTTOM RAIL TO RECEIVE KICK PLATES.
 7. ALL DOORS TO HAVE A.D.A. APPROVED HARDWARE WHICH IS IN COMPLIANCE WITH IBC SECTION 1010.1.9.2.
 8. GENERAL CONTRACTOR TO CHANGE OUT CONSTRUCTION CORES OF ALL HARDWARE PRIOR TO TURNOVER OF STORE. KEY AND TURNOVER DOCUMENT TO BE SIGNED BY G.C. AND STORE MANAGER.
 9. ALL LOCKSETS KEYED TO ESTABLISH TSC GRANDMASTER KEY. ESTABLISH A NEW MASTER KEY AND KEY INDIVIDUALLY AS DIRECTED TO OPERATE ALL CYLINDERS & LOCK SETS. FURNISH (4) COPIES OF THE MASTER KEY. FURNISH 2 KEYS PER LOCK.
 10. DOORS KEYED ALIKE.
 11. ELECTRICIAN RESPONSIBLE FOR MAKING FINAL CONNECTION BETWEEN SECURITY VENDOR WORK AND DOOR WIRING.
 12. CONTRACTOR TO INSTALL PLASTIC AIR CURTAIN WITH 50% PANEL OVERLAP @ NEW MASONRY OPENING INSIDE NEW DOOR. AIR CURTAIN INCLUDED WITH OVERHEAD DOOR VENDOR PACKAGE. INCLUDES ALL OVERHEAD DOORS IN RETROFIT STORES.
 13. CONTRACTOR TO PROVIDE AND INSTALL DOOR SWEEPS.
 14. DOORS TO HAVE FLAT THRESHOLD PROVIDED BY DOOR MANUFACTURER.
 15. THE CHANNELS THAT MAKE UP THE JAMBS AND HEAD FOR THE ROLLING SERVICE DOOR AND ITS ATTACHMENT POINTS SHOULD BE FLUSH AND SMOOTH WITH THE SURROUNDING INTERIOR WALLS AS WELL AS ABOVE THE INTERIOR OPENING. PROVIDE A STRUCTURAL SURFACE IN LINE WITH THE JAMBS THAT EXTENDS ABOVE THE OPENING FOR A MINIMUM OF 30" FOR ATTACHMENT POINTS. STRUCTURAL SURFACE TO BE CAPABLE OF WITHSTANDING 1850 LB. POINT FORCE IN EITHER TENSION, COMPRESSION OR SHEAR.
 16. PROVIDE AND INSTALL "EMPLOYEES ONLY" SIGN WHERE INDICATED.
 17. W/ 2 EACH CRASH RAILS ON INSIDE OF EACH DOOR.
 18. 72" X 96", 72" X 84" OR 36" X 96" OPENINGS TO BE PROVIDED AS: P1PLUS, WITH 10" X 30" ADA COMPLIANT WINDOWS, 18" TALL BUMPERS, COLOR: RED. (OR) OPENINGS 96" X 120" TO BE: DURLITE STANDARD DOORS WITH 20" X 30" ADA COMPLIANT WINDOWS, 36" TALL BUMPERS, COLOR: RED.
 19. INSTALL CLEAR ANODIZED STOREFRONT FRAMING WITH 1/4" TEMP. CLEAR GLASS SIDELIGHTS. DOOR TO SWING OPEN TO CENTER OF STORE. SIDELIGHT GLASS TO ACCEPT 6.25" X 48.85" VINYL FILM. NARROW STILE DOOR WINDOW GLASS TO ACCEPT 30.25" X 57.825" VINYL FILM.
 20. ANEMOSTAT WINDOW KIT WITH CLEAR TEMPERED 1/4" GLASS WITH GLAZING TAPE APPLIED (BOTH SHIPPED LOOSE). BY VENDOR #1.
 21. CONTRACTOR TO PAINT FRAME SW7513 SANDERLING BOTH SIDES.
 22. SFIC COMPATIBLE HARDWARE.
 23. GENERAL CONTRACTOR TO SUPPLY AND INSTALL ACCESS PANEL.
 24. DOORS AND SELF-SUPPORTING FRAME SUPPLIED BY TSC, INSTALLED BY CONTRACTOR.
 25. DOOR TO HAVE DOOR BELL. RINGERS TO BE LOCATED @ RECEIVING DESK AND CASH REGISTER. "BIG EYE" VIEWER IN DOOR.
 26. DOOR AND FRAME BY VENDOR #1. INSTALLED BY CONTRACTOR.
 27. DOOR AND FRAME BY GARDEN CENTER VENDOR.
 28. LOCATED WITHIN (1) HOUR FIRE RATED WALL ASSEMBLY.

- NOTES:
1. BASED ON ICC/ANSI A117.1 & [C.B.C.]
 2. RAISED CHARACTERS HEIGHT PER ICC A117.1 TABLE 703.2.4. "SANS SERIF" FONT, RAISED 1/32" FROM BASE PLAQUE COMPLYING W/ 703.2 [11B-703.2]
 3. BRAILLE (CONTRACTED GRADE 2) COMPLYING W/ 703.3 [11B-703.3]
 4. IF INSTALLING DIRECTLY TO GLASS, PROVIDE EQUAL SIZE BLANK PLAQUE ON OPPOSITE SIDE OF GLASS TO PREVENT VIEWING OF ADHESIVE.

1 | TACTILE EXIT SIGN

1/8"=1'-0"

onyx | creative

25001 Emery Road, Suite 400
Cleveland, Ohio 44128
216.223.3200 onyxcreative.com

STATE OF OHIO
MICHAEL D. CRISLIP
REGISTERED ARCHITECT
8225
Name: MICHAEL D. CRISLIP
License: 8225
Expiration: 12/31/25

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FUSION / SIDE LOT
COMBO PROJECT
STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.: 24.0518
Drawn By: [Signature]
Date: 12-6-24
Issue: PERMIT

A0.0

NOTES & DOOR /
HARDWARE SCHEDULES

ALTERNATED COLOR SCHEDULE

EXTERIOR BUILDING FINISHES:		
CONCRETE MASONRY UNITS FOR CONVENTIONAL BUILDINGS.		
PPG PAINTS ACRYLIC SYSTEM		
FLAT FINISH - COLOR TO MATCH PPG1021-4 DIVERSION TO 4'-0" A.F.F.		
PPG1097-4 DUSTY TRAIL FROM 4'-0" A.F.F. TO TOP OF C.M.U. ON ALL SIDES		
1ST COAT: PPG PERMA-CRETE BLOCK SURFACER, 4-100XI (60-100 SQ FT/ GAL @ 16 MILS WET; 9 MILS DRY)	NOTE: APPLICATIONS MAY UTILIZE BRUSH, ROLLER OR AIRLESS SPRAYER; HOWEVER, ALL COATS MUST BE BACK-ROLLED. SEE SHERWIN WILLIAMS DATA SHEET APPLICATION RECOMMENDATIONS	
2ND COAT: PPG PERMA-CRETE HIGH BUILD ACRYLIC COATING, 4-22XI		
3RD COAT: PPG PERMA-CRETE HIGH BUILD ACRYLIC COATING, 4-22XI (12 MILS WET, 5.0 MILS PER DRY COAT)		
(ACCEPTABLE TOLERANCE IS 9-10 PINHOLES PER SQ. FT.)		
RED ACCENT STRIPE (CONCRETE MASONRY UNITS)		
HIGH GLOSS FINISH - COLOR TO MATCH PC895 SAFETY RED ON FRONT, RIGHT, AND LEFT SIDE		
2 COATS: PPG PSX ONE HIGH SOLIDS SINGLE COMPONENT POLYSILOXANE, PXONET4 SAFETY RED		
APPLY AS NEEDED FOR COMPLETE COVERAGE (NO CLEAR COAT NEEDED)		
LIGHTING POLE BASES		
GLOSS FINISH - COLOR TO BE PPG SAFETY YELLOW		LOADING DOCK GUARDRAILS AND HOLLOW METAL DOOR & FRAMES
1ST COAT: PPG PERMA-CRETE BLOCK SURFACER, 4-100XI (60-100 SQ FT/ GAL @ 16 MILS WET; 9 MILS DRY)	GLOSS FINISH - COLOR TO MATCH PPG1007-5 LAZY AFTERNOON	
2ND COAT: PPG PERMA-CRETE HIGH BUILD ACRYLIC COATING, 4-22XI	1ST COAT: PPG MULTIPRIME UNIVERSAL METAL PRIMER, 94-269 (5.0 - 7.0 MILS WET / 3.0 -4.0 MILS DRY PER COAT)	
3RD COAT: PPG PERMA-CRETE HIGH BUILD ACRYLIC COATING, 4-22XI	2ND COAT: PPG INDUSTRIAL ENAMEL, 7-814	
(APPLY AS NEEDED FOR COMPLETE COVERAGE)	3RD COAT: PPG INDUSTRIAL ENAMEL, 7-814 (2.0 - 3.0 MILS DRY PER COAT)	
(NO TINTING REQUIRED- PACKAGE SAFETY YELLOW)	(APPLY AS NEEDED FOR COMPLETE COVERAGE)	
E.I.F.S.		
E.I.F.S. (ACCENT) DRYVIT, COLOR MATCH TO PXONET4 SAFETY RED		
INTERIOR FINISHES:		
MASONRY (CONCRETE, SCORED, SMOOTH, HIGH/LOW DENSITY)		
SEMI-GLOSS FINISH - COLOR TO MATCH PPG1001-1 DELICATE WHITE		NOTE: APPLICATIONS MAY UTILIZE BRUSH, ROLLER OR AIRLESS SPRAYER; HOWEVER, ALL COATS MUST BE BACK-ROLLED. SEE PPG DATA SHEET APPLICATION RECOMMENDATIONS
1ST COAT: PPG SPEEDHIDE BLOCK FILLER, 6-15XI (75-125 SQ. FT./GAL @ 16 MILS WET; 8 MILS DRY)		
2ND COAT: PPG SPEEDHIDE PRO-EV LATEX SEMI-GLOSS, 12-510XI		
3RD COAT: PPG SPEEDHIDE PRO-EV LATEX SEMI-GLOSS, 12-510XI (4 MILS WET, 1.3 MILS DRY PER COAT)		
OUTER CORE AREAS		
DRYWALL (WALLS, GYPSUM BOARD, PLASTER BOARD, ETC.)		WOOD (DOORS)
SEMI-GLOSS FINISH - (COLOR TO MATCH PPG1001-1 DELICATE WHITE)		SEMI-GLOSS FINISH - (COLOR TO MATCH PPG1007-5 LAZY AFTERNOON)
1ST COAT: PPG SPEEDHIDE ZERO LATEX PRIMER, 6-4900XI (4 MILS WET, 1.3 MILS DRY PER COAT)	1ST COAT: PPG SPEEDHIDE ZERO LATEX PRIMER, 6-4900XI (4 MILS. WET, 1.3 MILS DRY PER COAT)	
2ND COAT: PPG SPEEDHIDE PRO-EV LATEX SEMI-GLOSS, 12-510XI	2ND COAT: PPG SPEEDHIDE PRO-EV LATEX SEMI-GLOSS, 12-510XI	
3RD COAT: PPG SPEEDHIDE PRO-EV LATEX SEMI-GLOSS, 12-510XI (4 MILS WET, 1.3 MILS DRY PER COAT)	3RD COAT: PPG SPEEDHIDE PRO-EV LATEX SEMI-GLOSS, 12-510XI (4 MILS WET, 1.5 MILS DRY PER COAT)	
INNER CORE AREAS		
SEMI-GLOSS FINISH - (COLOR TO MATCH PPG1024-3 CRUSHED SILK)		
1ST COAT: PPG SPEEDHIDE ZERO LATEX PRIMER, 6-4900XI (4 MILS WET, 1.3 MILS DRY PER COAT)		
2ND COAT: PPG SPEEDHIDE PRO-EV LATEX SEMI-GLOSS, 12-510XI		
3RD COAT: PPG SPEEDHIDE PRO-EV LATEX SEMI-GLOSS, 12-510XI (4 MILS WET, 1.3 MILS DRY PER COAT)		
RED ACCENT STRIPE (IN RETAIL SALES AREA - 10'-3" TO BOTTOM OF STRIPE, 12" STRIPE)		
SEMI-GLOSS FINISH - PPG SAFETY RED		
1ST COAT: PPG SPEEDHIDE ZERO LATEX PRIMER, 6-4900XI (4 MILS. WET, 1.3 MILS DRY)		
2ND COAT: PPG ACCENT COLOR BASE LATEX SEMI-GLOSS, 25-250		
3RD COAT: PPG ACCENT COLOR BASE LATEX SEMI-GLOSS, 25-250 (4 MILS WET, 1.5 MILS DRY PER COAT)		
EXPOSED DECK & JOISTS (PRE-PRIMED GREY) PREFERRED OR AS APPROVED BY TSC		
INTERIOR COLUMNS (METAL)		EXTERIOR METAL AND INTERIOR WOOD DOORS: (COLOR TO MATCH PPG1007-5, LAZY AFTERNOON)
GLOSS FINISH - (COLOR TO MATCH PPG1007-5 LAZY AFTERNOON)		
1ST COAT: PPG MULTIPRIME UNIVERSAL METAL PRIMER, 94-269 (6.0 - 8.0 MILS WET / 3.0 - 4.0 MILS DRY PER COAT)	MILS	1ST COAT: FACTORY PRIMED
2ND COAT: SPEEDHIDE PRO-EV LATEX SEMI-GLOSS, 12-510XI		REMAINING COATS: FACTORY FINISHED
3RD COAT: SPEEDHIDE PRO-EV LATEX SEMI-GLOSS, 12-510XI (4 MILS WET, 1.3 MILS DRY PER COAT)		TOUCH-UP PAINT PROVIDED BY DH PACE
METAL DOOR FRAMES		METAL DOOR FRAMES - OPTION
GLOSS FINISH - (COLOR TO MATCH PPG1007-5 LAZY AFTERNOON)		GLOSS FINISH - (COLOR TO MATCH PPG1007-5 LAZY AFTERNOON)
1ST COAT: FACTORY PRIMED	1ST COAT: FACTORY PRIMED	
2ND COAT: PPG SPEEDHIDE PRO-EV LATEX SEMI-GLOSS, 12-510XI	2ND COAT: PPG PITT-TECH PLUS DTM GLOSS, 90-1310	
3RD COAT: PPG SPEEDHIDE PRO-EV LATEX SEMI-GLOSS, 12-510XI (4 MILS WET, 1.3 MILS DRY PER COAT)	3RD COAT: PPG PITT-TECH PLUS DTM GLOSS, 90-1310 (5 MILS WET, 2 MILS DRY PER COAT)	

COLOR SCHEDULE

22 GAUGE GALVANIZED CORRUGATED STEEL PANEL - "MATTE / WEATHERED" FINISH		
GALVANIZED STANDING SEAM METAL ROOFING (ROOF AT VESTIBULE GABLE)		
METAL SIDING 26 GA. MTL. REVERSE "R" PANEL. - COLOR TO BE DETERMINED BASED ON BUILDING TYPE ON PRE ENGINEERED BUILDINGS		
CONCRETE MASONRY UNITS AND EXTERIOR CONCRETE MOISTURE CONTENT CRITERIA. GENERAL CONTRACTOR, OR, THE OWNERS TESTING COMPANY SHALL PROVIDE MOISTURE TESTING OF ALL CMU AND CONCRETE EXTERIOR WALL PER ASTM D4263 PRIOR TO APPLICATION OF PAINT. TSC PROJECT MANAGER MUST APPROVE THE APPLICATION OF PAINT IN WRITING, IF THE MOISTURE CONTENT IS ABOVE 15%.		
CONCRETE MASONRY UNITS FOR CONVENTIONAL BUILDINGS.		
ELASTOMERIC SYSTEM FLAT FINISH - COLOR TO MATCH SW7513 SANDERLING TO 4'-0" A.F.F., SW7532 URBAN PUTTY FROM 4'-0" A.F.F. TO TOP OF C.M.U. ON ALL SIDES 1ST COAT: S-W LOXON ACRYLIC BLOCK SURFACER, LX01W0200 (50-100 SQ FT/ GAL @ 16 MILS WET; 8 MILS DRY) 2ND COAT: S-W CONFLEX XL SMOOTH HIGH BUILD ACRYLIC COATING, CF11 SERIES 3RD COAT: S-W CONFLEX XL SMOOTH HIGH BUILD ACRYLIC COATING, CF11 SERIES (16 MILS WET, 7.5 MILS PER DRY COAT) (ACCEPTABLE TOLERANCE IS 9-10 PINHOLES PER SQ. FT.)	NOTE: APPLICATIONS MAY UTILIZE BRUSH, ROLLER OR AIRLESS SPRAYER; HOWEVER, ALL COATS MUST BE BACK-ROLLED. SEE SHERWIN WILLIAMS DATA SHEET APPLICATION RECOMMENDATIONS	
RED ACCENT STRIPE (CONCRETE MASONRY UNITS) HIGH GLOSS FINISH - COLOR TO MATCH SW4081 SAFETY RED FROM 10'-0" A.F.F. TO 10'-8" A.F.F., FRONT, LEFT, AND RIGHT SIDES 2 COATS: S-W ACROLON 100, B65R720 PART A SAFETY RED/ B65V720 PART B HARDENER APPLY AS NEEDED FOR COMPLETE COVERAGE) APPLY TO EXTERIOR RED STRIPE ONLY CLEAR COAT GLOSS FINISH - DIAMOND-CLAD WB 3 COMPONENT, LOW VOC WATERBASED ACRYLIC POLYURETHANE CLEAR COAT DIAMOND-CLAD CLEAR COAT URETHANE GLOSS CLEAR PART A (B65T175) DIAMOND-CLAD CLEAR COAT URETHANE HARDNER PART B (B65V175) DIAMOND-CLAD CLEAR COAT URETHANE CATALYST PART C (B65C175) MIX COMPONENTS PER MANUFACTURERS SPECIFICATIONS COAT ACROLON WITHIN 48 HOURS RECOMMENDED SPREAD RATE (WET MILS: 2.4-4.8 AND DRY MILS: 1.0-2.0)		NOTE: SEE ALTERNATE COLOR SCHEDULE THIS SHEET FOR PPG PAINT SPECIFICATION.
RED STRIPE BY POP SOLUTIONS AROUND VESTIBULE BUMP OUT TO MATCH RED STRIPE SW 4081 SAFETY RED		
LIGHTING POLE BASES GLOSS FINISH - COLOR TO BE SW4084 SAFETY YELLOW 1ST COAT: S-W LOXON ACRYLIC BLOCK SURFACER, LX01W0200 (50-100 SQ FT/ GAL @ 16 MILS WET; 8 MILS DRY) 2ND COAT: S-W CONFLEX XL SMOOTH HIGH BUILD ACRYLIC COATING, CF11 SERIES 3RD COAT: S-W CONFLEX XL SMOOTH HIGH BUILD ACRYLIC COATING, CF11 SERIES (APPLY AS NEEDED FOR COMPLETE COVERAGE) PRODUCT IS PACKAGE SAFETY YELLOW; COLOR ACCEPTANCE SHOULD BE APPROVED BY TRACTOR SUPPLY.	LOADING DOCK GUARDRAILS AND HOLLOW METAL DOOR & FRAMES GLOSS FINISH - COLOR TO MATCH SW1012 POWER GREY 1ST COAT: S-W KEM KROMIK UNIVERSAL METAL PRIMER, B50Z SERIES (6.0 - 8.0 MILS WET / 3.0 - 4.0 MILS DRY PER COAT) 2ND COAT: S-W INDUSTRIAL ENAMEL HS, B542400 SERIES 3RD COAT: S-W INDUSTRIAL ENAMEL HS, B542400 SERIES (2.0 - 4.0 MILS DRY PER COAT) (APPLY AS NEEDED FOR COMPLETE COVERAGE)	
BOLLARDS 6" SCHEDULE 40 CONCRETE FILLED PIPE BOLLARD WITH MCCUE POST COVER CSCP-6-307		
STOREFRONT FRAMING CLEAR ANODIZED ALUMINUM		
E.I.F.S. E.I.F.S. (ACCENT)		DRYVIT, # 113 AMARILLO WHITE, SANDPEBBLE TEXTURE DRYVIT, COLOR MATCH TO SW4081 SAFETY RED
INTERIOR FINISHES:		
MASONRY (CONCRETE, SCORED, SMOOTH, HIGH/LOW DENSITY) SEMI-GLOSS FINISH - COLOR TO MATCH SW7005 PURE WHITE 1ST COAT: S-W PREPRITE BLOCK FILLER B25W25 (75-125 SQ. FT./GAL @ 16 MILS WET; 8 MILS DRY) 2ND COAT: S-W PROMAR 400 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31W04651 SERIES 3RD COAT: S-W PROMAR 400 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31W04651 SERIES (4 MILS WET, 1.3 MILS DRY PER COAT)	NOTE: APPLICATIONS MAY UTILIZE BRUSH, ROLLER OR AIRLESS SPRAYER; HOWEVER, ALL COATS MUST BE BACK-ROLLED. SEE SHERWIN WILLIAMS DATA SHEET APPLICATION RECOMMENDATIONS	
OUTER CORE AREAS DRYWALL (WALLS, GYPSUM BOARD, PLASTER BOARD, ETC.) SEMI-GLOSS FINISH - (COLOR TO MATCH SW7005 PURE WHITE.) 1ST COAT: S-W PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER, B28W02600 (4 MILS WET, 1.3 MILS DRY PER COAT) 2ND COAT: S-W PROMAR 400 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31W04651 SERIES 3RD COAT: S-W PROMAR 400 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31W04651 SERIES (4 MILS WET, 1.3 MILS DRY PER COAT)	WOOD (DOORS) SEMI-GLOSS FINISH - COLOR TO MATCH SW1012 POWER GREY 1ST COAT: S-W PREPRITE 200 ZERO VOC INTERIOR LATEX PRIMER, B28W02600 (4 MILS WET, 1.3 MILS DRY PER COAT) 2ND COAT: S-W PROMAR 400 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31W04651 SERIES 3RD COAT: S-W PROMAR 400 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31W04651 SERIES (4 MILS WET, 1.3 MILS DRY PER COAT)	
INNER CORE AREAS SEMI-GLOSS FINISH - (COLOR TO MATCH SW7036 ACCESSIBLE BEIGE.) 1ST COAT: S-W PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER, B28W02600 (4 MILS WET, 1.3 MILS DRY PER COAT) 2ND COAT: S-W PROMAR 400 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31W04651 SERIES 3RD COAT: S-W PROMAR 400 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31W04651 SERIES (4 MILS WET, 1.3 MILS DRY PER COAT)		
RED ACCENT STRIPE (IN RETAIL SALES AREA - 10'-3" TO BOTTOM OF STRIPE, 12" STRIPE) SEMI-GLOSS FINISH - SW 4081 SAFETY RED 1ST COAT: S-W PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER, B28W02600 (4 MILS. WET, 1.2 MILS DRY) 2ND COAT: S-W PROMAR 200 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31R02658 3RD COAT: S-W PROMAR 200 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31R02658	EXPOSED CONDUIT IN RETAIL SALES AREA GC TO PAINT EXPOSED CONDUIT IN RETAIL SALES AREA TO MATCH INTERIOR WALL FINISH	
EXPOSED DECK & JOISTS (PRE-PRIMED GREY) PREFERRED OR AS APPROVED BY TSC		
INTERIOR COLUMNS (METAL) GLOSS FINISH - COLOR TO MATCH SW1012, POWER GREY 1ST COAT: S-W KEM KROMIK UNIVERSAL METAL PRIMER, B50Z SERIES (6.0 - 8.0 MILS WET / 3.0 - 4.0 MILS DRY PER COAT) 2ND COAT: S-W PROMAR 400 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31W04651 SERIES 3RD COAT: S-W PROMAR 400 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31W04651 SERIES (4 MILS WET, 1.3 MILS DRY PER COAT)	EXTERIOR METAL AND INTERIOR WOOD DOORS: (COLOR TO MATCH SW1012, POWER GREY) 1ST COAT: FACTORY PRIMED REMAINING COATS: FACTORY FINISHED TOUCH-UP PAINT PROVIDED BY DH PACE	
METAL DOOR FRAMES GLOSS FINISH - COLOR TO MATCH SW1012, POWER GREY 1ST COAT: FACTORY PRIMED 2ND COAT: S-W PROMAR 400 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31W04651 SERIES 3RD COAT: S-W PROMAR 400 ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31W04651 SERIES (4 MILS WET, 1.3 MILS DRY PER COAT)	METAL DOOR FRAMES - OPTION (HARDER FINISH AND BETTER COLOR/GLOSS RETENTION) GLOSS FINISH - COLOR TO MATCH SW1012, POWER GREY 1ST COAT: FACTORY PRIMED 2ND COAT: S-W PRO INDUSTRIAL WATERBASED ALKID URETHANE ENAMEL B53W1051 SERIES 3RD COAT: S-W PRO INDUSTRIAL WATERBASED ALKID URETHANE ENAMEL B53W1051 SERIES (4 MILS WET, 1.6 MILS DRY PER COAT)	
VINYL PLANK FLOORING	SWIFF-TRAIN COMPANY "EARTHWERKS" WOOD CLASSIC IN SENORA GWC 9812 NORTH STAR FLOORING "SOMA" IN RUSSET	
VINYL BASE	JOHNSONITE VINYL #40 BLACK. ALL INSIDE AND OUTSIDE CORNERS TO HAVE PRE-FORMED CORNER BASE.	
PLASTIC LAMINATE	WILSONART 4857-60 SHADOW ZEPHYR AT EMPLOYEE LOUNGE COUNTERTOP PROVIDED BY TSC	
TOILET PARTITIONS	GLOBAL INDUSTRIES PLASTIC LAMINATE FLOOR MOUNTED TOILET PARTITIONS TO BE FINISHED WITH WILSONART LAMINATE, 4857-60 SHADOW ZEPHYR OR EQUAL AS REQUIRED BY LOCAL CODE.	
LAY-IN CEILINGS & GRID (OFFICE CORE)	ARMSTRONG DUNE 1776 2X4, WHITE, SQUARE LAYIN, OR EQUAL	
LAY-IN CEILINGS & GRID (VESTIBULE)	GRID STONE GYPSUM CEILING PANELS 1/2" X 2' X 4'	
FRP WAINSCOT	WAINSCOT TO 4' A.F.F. ON WALLS ADJACENT TO THE WATER FOUNTAIN AND ON NON-MASONRY WALLS IN RESTROOMS. FRP BY GLASTEEL, GLASLINER FRP.COLOR: XA WHITE, FINISH: TEXTURED.	

FINISH SCHEDULE

ROOM #	ROOM	WALLS	CEILING	BASE	FLOOR	REMARKS
101	VESTIBULE	PTD. C.M.U. / STOREFRONT	GYP. BD. CEILING PANELS @ 10'-0" A.F.F.	-	REFER TO A1.0	6, 9
102	RETAIL SALES	PTD. GYP. / C.M.U. (SEMI-GLOSS, WHITE)	REFER TO A3.0	VINYL	REFER TO A1.0	2, 3, 9
103	SPRINKLER ROOM	PTD. GYP. / C.M.U. (SEMI-GLOSS, WHITE)	NO WORK	-	POLISHED CONC.	9
104	-	-	-	-	-	-
105	STOCKROOM	PTD. GYP. / C.M.U. / PLYWOOD (SEMI-GLOSS, WHITE) TO DECK	EXP. STRUCTURE FACTORY PRIMED (GRAY)	-	POLISHED CONC.	9
106	CORRIDOR	PTD. GYP. / FRP	A.C.T. @ 8'-0" A.F.F	VINYL	REFER TO A1.1	1, 4, 7, 9
107	MANAGER'S OFFICE	PTD. GYP.	A.C.T. @ 8'-0" A.F.F	VINYL	REFER TO A1.1	1, 4, 9
108	EMPLOYEE LOUNGE	PTD. GYP.	A.C.T. @ 8'-0" A.F.F	VINYL	REFER TO A1.1	1, 4, 9
109	MEN	PTD. GYP./C.M.U. / FRP	A.C.T. @ 8'-0" A.F.F	VINYL	REFER TO A1.1	1, 4, 5, 9
110	WOMEN	PTD. GYP./C.M.U. / FRP	A.C.T. @ 8'-0" A.F.F	VINYL	REFER TO A1.1	1, 4, 5, 9
111	IT / ELECTRICAL	PTD. C.M.U. / PLYWOOD (SEMI-GLOSS, WHITE) TO DECK	EXP. STRUCTURE FACTORY PRIMED (GRAY)	-	POLISHED CONC.	9
112	PET WASH	PTD. GYP. / FRP / AL. MESH	ALUMINUM MESH SCREEN @ 10'-0" A.F.F.	EPOXY	EPOXY	9

- FINISH REMARKS (NOTES):
- CEILING TILE 2' X 4' X 3/4" MINERAL BOARD, NON-DIRECTIONAL FISSURED, MEDIUM TEXTURE, FLAME RESISTANCE CLASS A, FLAME SPREAD CLASS I
 - VINYL PLANK: CONTRACTOR TO REFER TO VENDOR TERRITORY MAP ON A0.0 FOR APPROPRIATE SELECTION. DELIVERED BY TSC; SUPPLIED, PURCHASED AND INSTALLED BY CONTRACTOR. BEVELED EDGE VINYL PLANK TO BE USED AT EXPOSED TRANSITION OF VINYL PLANK FLOORING TO CONCRETE.
 - RED ACCENT STRIPE @ 10'-3" FROM FINISH FLOOR TO BOTTOM OF STRIPE: -1'-0" STRIPE
 - WALL COLOR TO BE (SW7036 ACCESSIBLE BEIGE). TRIM AND DOORS TO BE (SW1012 POWER GRAY).
 - FRP WAINSCOT TO BE INSTALLED ON ALL NON-MASONRY WALLS 4'-0" A.F.F. COLOR: XA WHITE, FINISH: TEXTURED.
 - GRID STONE GYPSUM CEILING PANELS 1/2" X 2' X 4'
 - FRP WAINSCOT TO BE INSTALLED BEHIND AND ON ALL SIDES OF THE WATER COOLER ALCOVE TO 4'-0" A.F.F. COLOR: XA WHITE, FINISH: TEXTURED.
 - EXTERIOR DRESSING ROOM GYP. WALLS TO BE WALLPAPER PROVIDED AND INSTALLED BY TSC. GYP. WALL CAP AND EXTERIOR WALL EXTENDING ABOVE 9'-0" A.F.F. TO BE PAINTED PURE WHITE W/ RED STRIPE TO MATCH RETAIL SALES WALLS. WALLPAPER TO BE INSTALLED PRIOR TO TURNOVER.
 - GENERAL CONTRACTOR RESPONSIBLE FOR ALL CONCRETE REPLACEMENT, TRENCH POUR BACKS AND FILLING/PATCHING BACK OF HOLES 3" OR LARGER AND IN-GROUND ELECTRICAL BOXES NOT IN USE.

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STATE OF OHIO
MICHAEL C. CRISP, II
D.
CRISP
12/11/2024
8225
REGISTERED ARCHITECT

Name MICHAEL C. CRISP, II
License 8225
Expiration 12/31/25

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TSC TRACTOR SUPPLY CO.

FUSION / SIDELOT

COMBO PROJECT

STORE #1886

659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.:	24.0518
Drawn By:	ML
Date	Issue
12-6-24	PERMIT

A0.1

FINISH SCHEDULES

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QUALITY ASSURANCE

1. READY-MIX CONCRETE SUPPLIER: A FIRM EXPERIENCED IN PRODUCING READY-MIXED CONCRETE THAT COMPLIES WITH ASTM C94 REQUIREMENTS FOR PRODUCTION FACILITIES AND EQUIPMENT. COMPLY WITH ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE."

1. MANUFACTURER CERTIFIED ACCORDING TO NRMCA'S "CERTIFICATION OF READY-MIXED CONCRETE PRODUCTION FACILITIES." CERTIFICATION SHALL NOT BE MORE THAN TWELVE MONTHS OLD.

2. CONCRETE CONTRACTOR QUALIFICATION: CONCRETE CONTRACTOR SHALL INCLUDE IN THEIR BID PACKAGE TO THE GENERAL CONTRACTOR, A MINIMUM OF THREE SIMILAR AND SUCCESSFUL PROJECTS THAT CLEARLY INDICATES THE ABILITY TO SUCCESSFULLY PERFORM THE WORK AND TO ACHIEVE THE INTERIOR SLAB ON GROUND TOLERANCES REQUIRED IN THIS SPECIFICATION. THE CONCRETE CONTRACTORS TEAM SHALL HAVE PARTICIPATED IN THE MAJORITY OF THE REFERENCED PROJECTS, AND THAT TEAM SHALL REMAIN THE SAME THROUGHOUT THE DURATION OF THIS PROJECT. CONCRETE CONTRACTORS QUALIFICATION SHALL BE SUBMITTED AS PART OF THE BID PACKAGE. THE OWNER HAS RIGHTS TO REJECT THE CONCRETE CONTRACTOR.

3. TESTING AGENCY QUALIFICATIONS: AN INDEPENDENT AGENCY, QUALIFIED ACCORDING TO ASTM C1077 AND ASTM E329 FOR TESTING INDICATED, AS DOCUMENTED ACCORDING TO ASTM E548.

1. PERSONNEL CONDUCTING FIELD TESTS SHALL BE QUALIFIED AS ACI CONCRETE FIELD-TESTING TECHNICIAN, GRADE 1, ACCORDING TO ACI CP-01 OR AN EQUIVALENT CERTIFICATION PROGRAM.

2. PERSONNEL PERFORMING LABORATORY TESTS SHALL BE ACI-CERTIFIED CONCRETE STRENGTH TESTING TECHNICIAN AND CONCRETE LABORATORY TESTING TECHNICIAN - GRADE 1. TESTING AGENCY LABORATORY SUPERVISOR SHALL BE AN ACI-CERTIFIED CONCRETE LABORATORY TESTING TECHNICIAN - GRADE II.

D. TRAINED APPLICATOR: GENERAL CONTRACTORS BIDDING OR NEGOTIATING A TRACTOR SUPPLY PROJECT SHALL CONTACT EUCLID CHEMICAL TO OBTAIN A LIST OF TRAINED APPLICATORS LOCATED WITHIN THE GEOGRAPHIC REGION OF THE PROJECT. GENERAL CONTRACTORS SHALL SOLICIT AND ACCEPT PRICING ONLY FROM THOSE APPLICATORS AS PROVIDED BY EUCLID CHEMICAL. THE TRAINED APPLICATOR SELECTED FOR THE INITIAL APPLICATION OF JOINT FILLER AND LIQUID DENSIFIER/SEALER SHALL BE THE SAME AS FOR THE POLISHING PROCESS AND ADDITIONAL APPLICATIONS OF LIQUID DENSIFIER/SEALER.

1. PHILIP BRANDT: EUCLID CHEMICAL - 877-438-3826 / PBRANDT@EUCLIDCHEMICAL.COM

2. MINUTES OF THE MEETING SHALL BE RECORDED, TYPED, AND PRINTED BY THE GENERAL CONTRACTOR AND DISTRIBUTED TO ALL CONCERNED PARTIES, INCLUDING THE ARCHITECT, STRUCTURAL ENGINEER, AND TRACTOR SUPPLY PROJECT MANAGER. WITHIN THREE DAYS OF THE MEETING.

3. THE MINUTES SHALL INCLUDE A STATEMENT BY THE READY-MIX CONCRETE SUPPLIER STATING THAT THE PROPOSED CONCRETE MIX DESIGNS WILL PRODUCE THE CONCRETE QUALITY REQUIRED BY THESE SPECIFICATIONS.

4. THE MINUTES SHALL INCLUDE A STATEMENT BY THE CONCRETE CONTRACTOR THAT THE PROPOSED CONCRETE MIX DESIGNS WILL PROVIDE APPROPRIATE WORKABILITY AND SETTING TIMES, TO ENSURE THAT THE CONCRETE CONTRACTOR CAN ACHIEVE THE REQUIREMENTS OF THIS SPECIFICATION.

E. CONCRETE SLAB ON GROUND PRE-INSTALLATION CONFERENCE (TRACTOR SUPPLY REQUIREMENT): AT LEAST 30 DAYS PRIOR TO THE START OF CONCRETE SLAB CONSTRUCTION, THE GENERAL CONTRACTOR SHALL CONDUCT A MEETING TO REVIEW THE PROPOSED CONCRETE MIX DESIGNS AND TO DISCUSS THE REQUIRED METHODS AND PROCEDURES TO ACHIEVE THE REQUIREMENTS OF THIS SPECIFICATION. THE GENERAL CONTRACTOR SHALL SEND A PRE-CONCRETE CONFERENCE AGENDA TO ALL ATTENDEES 10 DAYS PRIOR TO THE SCHEDULED DATE OF THE CONFERENCE.

1. THE GENERAL CONTRACTOR SHALL REQUIRE RESPONSIBLE REPRESENTATIVES OF EVERY PARTY CONCERNED WITH THE CONCRETE WORK TO ATTEND THE CONFERENCE, INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

a. GENERAL CONTRACTOR: PROJECT MANAGER AND SUPERINTENDENT

b. READY-MIX CONCRETE PRODUCER: QUALITY CONTROL MANAGER

c. CONCRETE CONTRACTOR: FOREMAN

d. TESTING AGENCY: PROJECT MANAGER AND FIELD REP FOR CONCRETE MIXES, QUALITY CONTROL, FLOOR TOLERANCE TESTING, ETC.

e. OWNER REPRESENTATIVE, IF REQUIRED

f. TRAINED APPLICATOR: LIQUID DENSIFIER SEALER AND JOINT FILLING APPLICATOR

g. PHIL BRANDT: EUCLID CHEMICAL (877-438-3826) PBRANDT@EUCLIDCHEMICAL.COM

2. MINUTES OF THE MEETING SHALL BE RECORDED, TYPED, AND PRINTED BY THE GENERAL CONTRACTOR AND DISTRIBUTED TO ALL CONCERNED PARTIES, INCLUDING THE ARCHITECT, STRUCTURAL ENGINEER, AND TRACTOR SUPPLY PROJECT MANAGER. WITHIN THREE DAYS OF THE MEETING.

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4. THE MINUTES SHALL INCLUDE A STATEMENT BY THE CONCRETE CONTRACTOR THAT THE PROPOSED CONCRETE MIX DESIGNS WILL PROVIDE APPROPRIATE WORKABILITY AND SETTING TIMES, TO ENSURE THAT THE CONCRETE CONTRACTOR CAN ACHIEVE THE REQUIREMENTS OF THIS SPECIFICATION.

2.01 MATERIALS

A. CONCRETE MATERIALS:

1. PORTLAND CEMENT: ASTM C150/C150M, TYPE III/, OR ASTM C-595, TYPE II (PORTLAND LESTONE CEMENT), USE ONE BRAND OF CEMENT THROUGHOUT THE PROJECT.

2. COARSE AND FINE AGGREGATES: ASTM C 33, COMBINED AGGREGATE GRADATION FOR SLABS ON GRADE AND OTHER DESIGNATED CONCRETE SHALL BE 8% - 18% FOR LARGE TOP SIZE AGGREGATES (1½") OR 8% - 22% FOR SMALLER TOP SIZE AGGREGATES (1" OR ¾") RETAINED ON EACH SIEVE BELOW THE TOP SIZE AND ABOVE THE NO. 100 SIEVE.

a. FOOTINGS AND PIERS: UNLESS INDICATED OTHERWISE ON DRAWINGS, FOOTINGS AND PIERS SHALL HAVE A MAXIMUM AGGREGATE SIZE OF 1" (#57 STONE), AND BEAMS ¾" (#67 STONE).

b. INTERIOR SLAB ON GROUND: UNLESS INDICATED OTHERWISE ON DRAWINGS, INTERIOR SLAB ON GROUND SHALL HAVE A MAXIMUM COARSE AGGREGATE SIZE OF 1" (#57 STONE).

c. EXTERIOR SLAB ON GROUND: UNLESS INDICATED OTHERWISE ON DRAWINGS, EXTERIOR SLAB ON GROUND SHALL HAVE A MAXIMUM COARSE AGGREGATE SIZE OF 1" (#57 STONE).

3. WATER: COMPLYING WITH ASTM C94.

4. AIR-ENTRAINING ADMIXTURE (INTERIOR SLAB ON GROUND): AIR-ENTRAINING ADMIXTURE SHALL NOT BE USED FOR INTERIOR SLAB ON GROUND CONCRETE WORK.

5. AIR-ENTRAINING ADMIXTURE (EXTERIOR SLAB ON GROUND CONCRETE): ASTM C-280, ADMIXTURE MANUFACTURER SHALL PROVIDE WRITTEN CERTIFICATION THAT THE AIR-ENTRAINING ADMIXTURE IS COMPATIBLE WITH OTHER REQUIRED ADMIXTURES. ALL EXTERIOR SLAB ON GROUND SHALL BE AIR-ENTRAINED (4% - 6%); ACCEPTABLE PRODUCTS: EUCLID CHEMICAL AEA-92 OR AIR40; MASTER BUILDERS SOLUTIONS MICRO AIR; GRACE CONSTRUCTION PRODUCTS DARAVAIR OR DAREX.

6. WATER-REDUCING ADMIXTURE: ASTM C494, TYPE C CONTAINING NOT MORE THAN 0.05% CHLORIDE IONS. ACCEPTABLE PRODUCTS: EUCLID CHEMICAL EUCON SERIES; MASTER BUILDERS SOLUTIONS POZZOLITH SERIES; GRACE CONSTRUCTION PRODUCTS WREDA OR DARACEM SERIES.

7. WATER-REDUCING, RETARDING ADMIXTURE: ASTM C494, TYPE D CONTAINING NOT MORE THAN 0.05% CHLORIDE IONS. ACCEPTABLE PRODUCTS: EUCLID CHEMICAL RETARDER 75; MASTER BUILDERS SOLUTIONS POZZOLITH SERIES OR DELVO; GRACE CONSTRUCTION PRODUCTS DARATARD 17.

8. HIGH RANGE WATER-REDUCING ADMIXTURE (SUPERPLASTICIZER): ASTM C494, TYPE F OR G CONTAINING NOT MORE THAN 0.05% CHLORIDE IONS. ACCEPTABLE PRODUCTS: EUCLID CHEMICAL EUCON 37; MASTER BUILDERS SOLUTIONS RHEOBUILD 1000; GRACE CONSTRUCTION PRODUCTS DARACEM 100.

9. WATER-REDUCING, NON-CORROSIVE ACCELERATING ADMIXTURE: ASTM C494, TYPE C OR E CONTAINING NOT MORE CHLORIDE IONS THAN ARE PRESENT IN MUNICIPAL DRINKING WATER, THE ADMIXTURE MANUFACTURER MUST HAVE LONG-TERM, NON-CORROSIVE TEST DATA FROM AN INDEPENDENT TESTING LABORATORY (OF AT LEAST A YEAR'S DURATION) USING AN ACCEPTABLE ACCELERATED CORROSION TEST METHOD SUCH AS THAT USING ELECTRICAL POTENTIAL MEASURES. ACCEPTABLE PRODUCTS: EUCLID CHEMICAL ACCELGUARD 8090 OR NCA; MASTER BUILDERS SOLUTIONS NC534 OR POTZUETEC 20; GRACE CONSTRUCTION PRODUCTS POLARSET.

10. PROHIBITED ADMIXTURES:

a. CALCIUM CHLORIDE OR ADMIXTURES CONTAINING MORE THAN 0.05% CHLORIDE IONS ARE NOT PERMITTED.

b. FLY ASH IS ONLY PERMITTED IN EXTERIOR SLAB ON GROUND SUBJECT TO ALKALI SILICA REACTIVITY (ASR); UP TO 20% EXCHANGE BY WEIGHT.

11. MACRO-SYNTHETIC FIBERS (INTERIOR AND EXTERIOR SLAB ON GROUND CONCRETE): COMPLY WITH ASTM C1116, "STRUCTURAL" FIBERS SHALL BE A PATENTED COARSE MONOFILAMENT, SELF-FIBRILLATING, POLYPROPYLENE/POLYETHYLENE FIBER WITH A MINIMUM TENSILE STRENGTH OF 75KSI AND MINIMUM LENGTH OF 2 INCHES.

a. ACCEPTABLE MACRO-SYNTHETIC FIBER (NO SUBSTITUTIONS): "TUF-STRAND SF" BY EUCLID CHEMICAL, PHIL BRANDT 877-438-3826 / PBRANDT@EUCLIDCHEMICAL.COM

12. EVAPORATION RETARDER AND FINISH AID: INTEGRAL FINISHING AID THAT REDUCES RAPID MOISTURE LOSS FROM CONCRETE SURFACE.

a. ACCEPTABLE PRODUCT: "EUOSHIELD" BY EUCLID CHEMICAL.

RELATED MATERIALS:

1. EVAPORATION RETARDER: WATERBORNE, MONOMOLECULAR FILM FORMING, MANUFACTURED FOR APPLICATION TO FRESH CONCRETE.

a. ACCEPTABLE MANUFACTURER: "EUOCBAR" BY EUCLID CHEMICAL.

2. INTERIOR SLAB ON GROUND CURING: ASTM C309 WITH A MAXIMUM VOC CONTENT OF 350GL. THE INTERIOR SLAB ON GROUND SHALL BE CURED USING A REDUCED ODOR, DISPERSATING OR REMOVABLE LIQUID MEMBRANE FORMING CURING COMPOUND.

a. ACCEPTABLE MANUFACTURER: "KUREZ DR VOX" OR "KUREZ DR 100" BY EUCLID CHEMICAL.

3. INTERIOR SLAB ON GROUND SEMI-RIGID POLYUREA JOINT FILLER, COMPLY WITH ACI 302, SHALL BE A TWO (2) COMPONENT, 100% SOLIDS, UV RESISTANT COMPOUND, WITH MINIMUM SHORE "A" HARDNESS OF 80, COLOR TO MATCH ADJACENT CONCRETE SURFACES.

a. ACCEPTABLE MANUFACTURER: "OWKJOINT UVR" BY EUCLID CHEMICAL.

4. INTERIOR SLAB ON GROUND LIQUID DENSIFIER/SEALER: SODIUM SILICONATE CONTAINING AT LEAST 24% SOLIDS BY WEIGHT.

a. ACCEPTABLE MANUFACTURER: "EUOCO DIAMOND HARD" BY EUCLID CHEMICAL.

b. PROJECT SERVICE: GENERAL CONTRACTOR SHALL CONTACT THE MANUFACTURER PRIOR TO BIDDING FOR PRICING AND APPLICATION REQUIREMENTS, AND AT LEAST 10 DAYS PRIOR TO APPLICATION OF LIQUID DENSIFIER AND SEALER, FOR JOBSITE SERVICE. IF NECESSARY, THE REPRESENTATIVE WILL BE ON SITE DURING THE FIRST APPLICATION OF LIQUID DENSIFIER/SEALER.

5. EXTERIOR SLAB ON GROUND CURING: ASTM C1315 WITH A MAXIMUM VOC CONTENT OF 700 GL. ALL EXTERIOR SLAB ON GROUND SHALL BE CURED USING A LIQUID MEMBRANE FORMING CURING COMPOUND.

a. ACCEPTABLE MANUFACTURER: "SUPER DIAMOND CLEAR" OR "SUPER DIAMOND CLEAR VOX" BY EUCLID CHEMICAL.

6. EXTERIOR SLAB ON GROUND URETHANE JOINT SEALANT: ASTM C920-86, TYPE S, GRADE NS, AND CLASS 25 INDUSTRIAL GUN GRADE POLYURETHANE SEALANT SHALL EXHIBIT A SHORE "A" HARDNESS OF 40 AND AN ELONGATION OF 250%.

a. ACCEPTABLE MANUFACTURER: "EUOCLASTIC 1 NSSL" BY EUCLID CHEMICAL.

2.02 CONCRETE MIXES

A. COMPLY WITH ACI 301 REQUIREMENTS FOR CONCRETE MIXES. CONCRETE MIXES SHALL BE PROPORTIONED ACCORDING TO ACI 301, FOR NORMAL-WEIGHT CONCRETE DETERMINED BY EITHER LABORATORY TRIAL MIX OR FIELD TEST DATA.

B. COMPRESSIVE STRENGTH:

1. INTERIOR SLAB ON GROUND: 4000 PSI @ 28 DAYS, WITH A MAXIMUM WATER/CEMENT RATIO OF 0.53, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

2. EXTERIOR SLAB ON GROUND: 4000 PSI @ 28 DAYS, WITH A MAXIMUM WATER/CEMENT RATIO OF 0.45, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

C. CONCRETE MATERIALS INCLUDED IN THE MIX DESIGN SHALL BE THE SAME MATERIALS PROVIDED TO THE PROJECT AND SHALL BE PREPARED BY AN INDEPENDENT TESTING LABORATORY APPROVED BY THE OWNER. PER ACI REQUIREMENTS, IF SUFFICIENT BACKUP DATA IS NOT AVAILABLE, THE LABORATORY MIX SHALL EXCEED THE DESIRED JOG STRENGTH OF CONCRETE BY 1,200 PSI. FOUR COPIES OF THE MIX SHALL BE SUBMITTED TO THE OWNER BEFORE CONCRETE WORK BEGINS.

D. SLUMP: CONCRETE SHALL HAVE A MAXIMUM SLUMP OF 5½" FOR THE INTERIOR AND EXTERIOR SLABS ON GROUND. UNLESS INDICATED ON DRAWINGS, ALL OTHER CONCRETE SHALL NOT EXCEED A 4" SLUMP.

2.03 CONCRETE PLACEMENT

A. CONCRETE SHALL BE PLACED BEFORE INITIAL SET OCCURS, AND IN NO EVENT AFTER IT HAS CONTAINED ITS WATER CONTENT FOR MORE THAN 1½ HOURS.

5. UNLESS OTHERWISE SPECIFIED, ALL CONCRETE SHALL BE PLACED UPON CLEAN, DAMP, SMOOTH SURFACES THAT ARE FREE FROM RUNNING WATER. SUBGRADE AND BASE SHALL BE PROPERLY CONSOLIDATED AND RUT-FREE.

6. CONCRETE SHALL NOT BE PLACED UPON SOFT MUD OR DRY POROUS EARTH. THE CONCRETE SHALL BE CONSOLIDATED AND WORKED, IN AN APPROVED MANNER, INTO ALL CORNERS AND ANGLES OF THE FORMS AND AROUND REINFORCEMENT AND EMBEDDED FIXTURES IN SUCH A MANNER AS TO PREVENT SEGREGATION OF THE COARSE AGGREGATE AS REQUIRED IN ACI 301.

G. DURING CONCRETE PLACEMENT, CAREFULLY PROTECT ALL MASONRY AND METAL BUILDING WALLS BY COVERING WITH WATERPROOF PAPER.

H. WATER MAY BE ADDED IN ACCORDANCE WITH ASTM C94. WATER SHALL ONLY BE ADDED AT THE JOB SITE UNDER THE DIRECT SUPERVISION OF A REPRESENTATIVE FROM THE TESTING AGENCY. DO NOT ADD MORE WATER THAN IS INDICATED AS ALLOWABLE ON THE BATCH TICKET. WATER ADDED AT THE JOB SITE SHALL BE DOCUMENTED ON THE BATCH TICKET.

3.03 FORMED SURFACE FINISHES

A. ROUGH-FORMED FINISH: AS-CAST CONCRETE TEXTURE IMPARTED BY FORM-FACING MATERIAL WITH THE HOLES AND DEFECTIVE AREAS REPAIRED AND PATCHED, AND FINIS AND OTHER PROJECTIONS EXCEEDING ¼" IN HEIGHT SHALL BE RUBBED DOWN OR CHIPPED OFF.

1. APPLY TO CONCRETE SURFACES NOT EXPOSED TO PUBLIC VIEW.

B. SMOOTH-FORMED FINISH: AS-CAST CONCRETE TEXTURE IMPARTED BY FORM-FACING MATERIAL, ARRANGED IN AN ORDERLY AND SYMMETRICAL MANNER WITH A MINIMUM OF SEAMS, REPAIR AND PATCH THE HOLES AND DEFECTIVE AREAS. COMPLETELY REMOVE FINIS AND OTHER PROJECTIONS. ALL EXPOSED CONCRETE WALLS ARE TO BE GROUDED AND HAND RUBBED.

1. APPLY TO CONCRETE SURFACES EXPOSED TO PUBLIC VIEW OR TO BE COVERED WITH A COATING OR COVERING MATERIAL. APPLIED DIRECTLY TO CONCRETE, SUCH AS WATERPROOFING, DAMP-PROOFING, VENEER PLASTER, OR PAINTING.

2. DO NOT APPLY RUBBED FINISH TO SMOOTH-FORMED FINISH.

3. APPLY SMOOTH-RUBBED FINISH, DEFINED IN ACI 301, TO SMOOTH-FORMED FINISHED CONCRETE.

C. RELATED UNFORMED SURFACES: AT TOPS OF WALLS, HORIZONTAL OFFSETS, AND SIMILAR UNFORMED SURFACES ADJACENT TO FORMED SURFACES, STRIKE OFF SMOOTH AND FINISH WITH A TEXTURE MATCHING ADJACENT FORMED SURFACES. CONTINUE FINAL SURFACE TREATMENT OF FORMED SURFACES UNIFORMLY ACROSS ADJACENT UNFORMED SURFACES, UNLESS OTHERWISE INDICATED.

3.04 CONCRETE FINISHES AND TOLERANCES

A. GENERAL: UNLESS OTHERWISE NOTED BY OWNER, INTERIOR SLAB ON GROUND SHALL BE CAST IN ONE CONTINUOUS PLACEMENT. CONCRETE SHALL BE PLACED, SCREEDED, RE-STRAIGHTENED, AND FINISHED TO MEET THE SPECIFIED F/F AND FIL TOLERANCE REQUIREMENTS. INTERIOR SLAB ON GROUND MACHINE TROWEL FINISH SHALL BE ACHIEVED WITHIN A 2" TOLERANCE OF ALL WALLS, COLUMNS, AND PARTITIONS. DO NOT WET CONCRETE SURFACES WHILE FINISHING CONCRETE.

1. LASER SCREEDS (REQUIRED), VIBRATORY SCREEDS, HIGHWAY STRAIGHTEDGES AND WOOD OR RESINOUS BULL FLOATS SHALL BE USED TO INITIATE SCREEDING AND FLOATING PROCESS TO FORM A UNIFORM AND OPEN-TEXTURED SURFACE PLANE BEFORE EXCESS MOISTURE OR BLEED WATER APPEARS ON THE SURFACE. A BACK-UP LASER SCREED IS REQUIRED DURING CONCRETE PLACEMENT OF THE INTERIOR SLAB ON GROUND. REMOVE EXCESS WATER BEFORE STARTING FLOATING OPERATIONS. DO NOT FURTHER DISTURB SURFACES BEFORE STARTING FINISHING OPERATIONS.

2. HIGHWAY STRAIGHTEDGE OPERATIONS SHALL CONTINUE BEFORE, DURING, AND AFTER TROWELING OPERATION, UNTIL THE MINIMUM SPECIFIED FLOOR TOLERANCES ARE ACHIEVED.

3. TROWEL FINISH (INTERIOR SLAB ON GROUND): TROWEL SURFACES WITH TROWEL MACHINES EQUIPPED WITH ADJUSTABLE BLADES. TROWEL THE SURFACE SUFFICIENTLY TO PRODUCE A SMOOTH, TIGHT, ABRASION RESISTANT SURFACE. CARE SHALL BE TAKEN NOT TO OVERWORK OR BURN THE SURFACE. USE 6" WIDE FINISH STYLE STEEL-REINFORCED BLADES ON FINAL PASSES. FINISHING BLADES SHALL BE IN NEW CONDITION AND COMPLETELY CLEAN OF ANY DELETERIOUS MATERIALS.

4. TROWEL FINISH (OTHER FLOOR AREAS): APPLY A HARD TROWEL FINISH TO SURFACES INDICATED AND TO FLOOR AND SLAB SURFACES EXPOSED TO VIEW OR TO BE COVERED WITH RESILIENT FLOORING, CARPET, CERAMIC, OR QUARRY TILE SET OVER A CLEAVAGE MEMBRANE, PAINT, OR ANOTHER THIN FILM-FINISH COATING SYSTEM.

5. HEAVY BROOM FINISH: SIDE YARD, MAIN ENTRY AND EXIT VESTIBULES, CART STORAGE, RAMPS, APRONS, AND WALKS SHALL RECEIVE A HEAVY BROOM FINISH.

6. PROTECTION: CARE SHALL BE TAKEN TO PROTECT NEWLY PLACED CONCRETE. ENTRANCES SHALL INCLUDE CLEAN FLOOR MATS TO PREVENT MUD STAINS AND ALL EQUIPMENT ON THE FLOOR SHALL BE DIAPERED TO PREVENT SPILLS. CUTTING OILS ARE NOT ALLOWED ON THE INTERIOR SLAB ON GROUND AT ANY TIME DURING THE CONSTRUCTION PROCESS.

B. PET WASH AREA:

1. CONCRETE FINISH AND CURING: DO NOT BROOM FINISH THIS AREA. PLACE AND FINISH CONCRETE AS SPECIFIED IN PARAGRAPH A, "GENERAL FINISHES." SECTION 3.04, "CONCRETE FINISHES AND TOLERANCES." AFTER FINAL TROWELING, CURE USING "KUREZ DR VOX" OR "KUREZ DR 100" AT AN APPLICATION RATE OF 400SF/GALLON.

2. JOINT FILLING: FILL ALL CONTROL JOINTS AS SPECIFIED IN PARAGRAPH B, SECTION 3.07, "INTERIOR SLAB ON GROUND JOINT FILLER."

3. SURFACE PREPARATION: EPOXY FLOOR COATING SYSTEM IS DESIGNED FOR APPLICATION ON CONCRETE SUBSTRATES. NEWLY PLACED CONCRETE SURFACES SHOULD BE CURED FOR A MINIMUM OF 28 DAYS PRIOR TO COATING. CONCRETE SURFACES MUST BE STRUCTURALLY SOUND, FREE OF LOOSE OR DETERIORATED CONCRETE AND FREE OF DUST, DIRT, PAINT, EFFLORESCENCE, OIL, AND OTHER CONTAMINANTS. MECHANICALLY ABRASE THE SURFACE TO ACHIEVE A SURFACE PROFILE EQUAL TO CSP 2-3 IN ACCORDANCE WITH ICRG GUIDELINE 310.2. PROPERLY CLEAN PROFILED AREA. THE PH OF THE SURFACE SHOULD BE CHECKED ACCORDING TO ASTM D 4262. FOLLOWING SURFACE PREPARATION, THE CLEANED SURFACE SHOULD HAVE A MINIMUM SURFACE-TENSILE STRENGTH OF 200 PSI WHEN TESTED WITH AN ELOMETER OR SIMILAR PULL TESTER (ASTM D 4541).

D. PRODUCTS:

a. INITIAL COAT: "INCRETE HIGH PERFORMANCE EPOXY" 1-GALLON KIT (GRAY COLOR) BY EUCLID CHEMICAL.

b. PIGMENTED CHIPS: "INCRETE GRANITE COAT CHIPS" (MICA COLOR) BY EUCLID CHEMICAL.

c. GROUT COAT: "INCRETE HIGH PERFORMANCE EPOXY" 1-GALLON KIT (CLEAR COLOR) BY EUCLID CHEMICAL.

d. FINAL WEAR COAT: "INCRETE POLYSEAL POLYASPARTIC" 2-GALLON KIT (CLEAR COLOR) BY EUCLID CHEMICAL.

5. INITIAL COAT MIXING: PRE-MIX "INCRETE HIGH PERFORMANCE EPOXY" (GRAY) PART A AND PART B, THEN COMBINE 2 PARTS BY VOLUME OF PART A WITH ONE PART BY VOLUME OF PART B, AND THEN MIX THOROUGHLY USING A LOW-SPEED DRILL MOTOR AND A "JEFFY" TYPE MIXER. MIX ONLY THE AMOUNT OF MATERIAL THAT CAN BE APPLIED DURING THE POT LIFE. DO NOT AERATE THE MIX.

6. INITIAL COAT APPLICATION: APPLY "INCRETE HIGH PERFORMANCE EPOXY" (GRAY) AT 120 SF/GALLON. SPREAD THE MIXED EPOXY WITH A NOTCHED SQUEEGEE WHILE WEARING SPIKED SHOES. START FROM ONE END OF THE FLOOR AND WORK BACKWARDS AND SIDWAYS TRYING TO KEEP A WET-TO-WET EDGE. ROLL COATING IN ONE DIRECTION USING A 3/8" NAP, SHED-RESISTANT ROLLER. MAKE SURE THE MATERIAL IS APPLIED AS QUICKLY AS POSSIBLE WITHOUT LEAVING PUDDLES.

7. PIGMENTED CHIP APPLICATION: BROADCAST UNTIL REFUSAL "INCRETE GRANITE COAT CHIPS" (MICA) IN A HIGH ARCING MOTION INTO THE WET EPOXY. ALLOW TO CURE. ONCE DRY, VACUUM / SCRAPE OFF EXCESS FLAKES.

8. GROUT COAT: APPLY "INCRETE HIGH PERFORMANCE EPOXY" (CLEAR) AT 120 SF/GALLON. ALLOW TO DRY.

9. WEAR COAT: APPLY A FINAL COAT OF "INCRETE POLYSEAL POLYASPARTIC" (CLEAR) AT 120 SF/GALLON. ALLOW TO DRY.

10. COVE BASE: IN ADDITION TO THE SEAMLESS INTEGRAL FLOOR, PROVIDE A 4" COVE BASE FROM THE FLOOR TO THE "FRP" WALL TRANSITION. COVE BASE SHALL CONSIST OF A MIXTURE OF "INCRETE HIGH PERFORMANCE EPOXY" AND FINELY GRADED, CLEAN DRY, TROWELABLE AGGREGATES, TROWELED TO THE PREVIOUSLY INSTALLED VERTICAL CEMENT BOARD SURFACE, TO A HEIGHT OF 4". CREATE A COVED, SEAMLESS, INTEGRAL TRANSITION AT JOINT BETWEEN WALL AND FLOOR. BROADCAST UNTIL REFUSAL "INCRETE GRANITE COAT CHIPS" (MICA) INTO THE WET EPOXY. FINISH COVE BASE DETAIL WITH THE GROUT COAT AND WEAR COAT AS SPECIFIED HEREIN. ONCE COMPLETED, THE FLOOR AND COVE BASE SHALL BE SEAMLESS IN FUNCTION AND APPEARANCE.

a. INSTALL CEMENT WALL BOARD SO THAT THE BOTTOM EDGE IS FLUSH WITH THE FLOOR AS SPECIFIED.

b. INSTALL CEMENT WALL BOARD TAPE, SIMILAR TO GOLDBLATT PROFESSIONAL CEMENT BOARD TAPE, TO ALL JOINTS OF CEMENT BOARD.

c. INSTALL FIBER REINFORCED PANELS (FRP) AS REQUIRED. DO NOT APPLY ADHESIVE TO ANY AREAS CONTACTING THE 4" COVE BASE INSTALLATION. DO NOT APPLY WATER TO ANY OF THESE SURFACES PRIOR TO INSTALLATION OF THE EPOXY FLOOR OR COVE SYSTEM.

d. INSTALL 4" COVE BASE DIRECTLY TO CEMENT BOARD. COVE BASE SHALL COME IN DIRECT CONTACT WITH THE BOTTOM EDGE OF THE FIBER REINFORCED PANELS SO THAT THE FLOOR AND COVE BASE SHALL BE SEAMLESS IN FUNCTION AND APPEARANCE.

C. TOLERANCES: ACI 117, "SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION & MATERIALS." GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH FLOOR TOLERANCE TESTING. A COPY OF THE FINAL FLOOR TOLERANCE REPORT SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO OWNER WITHIN 24 HOURS OF RECEIVING THE REPORT FROM THE TESTING LABORATORY.

1. ALL PERIMETER AREAS AND EDGES OF THE INTERIOR FLOOR SHALL EXHIBIT THE SAME FINAL FINISH.

LOCATION: FF TOLERANCE: FL TOLERANCE: NOTES:

INTERIOR SLAB ON GROUND 35 25 ACI 302, TYPE S, SINGLE COURSE, HARD STEEL TROWEL FINISH

EXTERIOR SLAB ON GROUND 20 17 FLOATED AND/OR BROOMED SURFACES

3.05 CAST-IN-PLACE CONCRETE JOINTS

A. GENERAL: JOINTS SHALL BE CUT AS INDICATED ON DRAWINGS, AND AS SOON AS THE SLAB WILL SUPPORT THE WEIGHT OF THE SAW AND OPERATOR AND WHEN CUTTING ACTION WILL NOT TEAR, ABRASE, OR OTHERWISE DAMAGE THE CONCRETE SURFACE. CUTS MUST BE MADE BEFORE CONCRETE DEVELOPS RANDOM CONTRACTION CRACKS. EMPLOY SUFFICIENT NUMBER OF SAWS AND WORKERS TO COMPLETE CUTTING OF SAW JOINTS WITHIN 2 HOURS AFTER FINAL FINISH OF INTERIOR SLAB ON GROUND. AFTER SAW CUTTING, IMMEDIATELY VACUUM UP AND REMOVE ALL RESIDUES COMPLETELY.

1. CONSTRUCTION JOINTS:

a. CONSTRUCTION JOINTS SHALL BE TRUE TO LINE WITH FACES PERPENDICULAR TO SURFACE PLANE OF CONCRETE (REFER TO DRAWINGS), SO AS NOT TO IMPAIR STRENGTH OR APPEARANCE OF CONCRETE.

b. CONSTRUCTION JOINTS IN SLAB ON GRADE SHALL BE BUTT JOINTS WITH SQUARE PLATE DOWELS. DO NOT USE METAL KEYS.

2.04 CONCRETE PLACEMENT

A. CARBON MONOXIDE / CARBON DIOXIDE EXPOSURE: IF THE BUILDING IS ENCLOSED AND THE INTERIOR SLAB ON GROUND IS PLACED LAST, GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING INTERIOR SLAB ON GROUND EXPOSURE TO EXCESSIVE EXHAUST GASES CONTAINING CARBON DIOXIDE (CO2) OR CARBON MONOXIDE (CO), TO MINIMIZE POTENTIAL DAMAGE TO THE INTERIOR SLAB ON GROUND DURING PLACEMENT AND CURING PERIODS. MAXIMUM CO2 LEVELS SHALL BE 4,500 PARTS PER MILLION AND MAXIMUM CO LEVELS SHALL BE 15 PARTS PER MILLION AT CONCRETE SURFACE WITHIN 5 FEET OF ANY SOURCE OF EXHAUST GASES. UNVENTED COMBUSTION HEATERS SHALL NOT BE IN OPERATION DURING CONCRETE PLACEMENT, AND EQUIPMENT INSIDE THE BUILDING DURING CONCRETE PLACEMENT SHALL BE LIMITED TO THE EQUIPMENT NECESSARY TO PLACE AND FINISH CONCRETE. ONLY ONE CONCRETE TRUCK SHALL BE IN THE BUILDING AT ANY GIVEN TIME, AND UNDER NO CIRCUMSTANCE SHALL THERE BE ANY EARTH MOVING EQUIPMENT, DUMP TRUCKS, GRADING EQUIPMENT, OR ANY OTHER MOTORIZED EQUIPMENT IN OPERATION UNTIL AFTER THE INTERIOR SLAB ON GROUND IS PLACED AND PROTECTED BY SPECIFIED CURING METHOD. CARBON MONOXIDE AND CARBON DIOXIDE SHALL BE CHECKED USING AN APPROPRIATE METER FROM A COMPANY SIMILAR TO THE FOLLOWING: CEA INSTRUMENTS, INC., PHONE (201-967-5660); WEBSITE: WWW.CEAINSTR.COM

B. COMPLY WITH REQUIREMENTS IN ACI 301 FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE.

C. COOPERATE WITH ALL OTHER TRADES. CONFER WITH ELECTRICAL, MECHANICAL, PLUMBING, CARPENTERS, STEEL WORKERS, ETC. MAKE SURE THAT ALL SLEEVES, ANCHOR, INSERT, CONDUIT, FLOOR BOXES, PIPES, FITTINGS, AND OTHER ITEMS ARE INSTALLED BEFORE PLACING CONCRETE. MAKE PROVISIONS FOR DOOR SADDLES, AND THRESHOLDS.

D. GENERAL CONTRACTOR SHALL ENSURE THE ACCURACY, PLACEMENT, AND ALIGNMENT OF ALL UNDER-SLAB WORK. THE PLACEMENT OF ALL BOXES SHALL BE SQUARE, LEVEL, AND TRUE IN ALL RESPECTS.

E. CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM C94.

F. COMPLY WITH ACI 305, "HOT WEATHER CONCRETE," AND ACI 306, "COLD WEATHER CONCRETE" FOR PROTECTION DURING PLACING, FINISHING, AND CURING.

G. FORM-RELEASE AGENT: COAT ALL REMOVABLE WOOD AND METAL FORMING WITH A VOC COMPLIANT, NON-STAINING, CONCRETE FORM-RELEASE AGENT AND ALLOW EXCESS LIQUID TO DRAIN OFF BEFORE FORMS ARE PLACED.

H. TRANSPORT: PLACE AT POINT OF USE AND CONSOLIDATE WITH A CONCRETE VIBRATOR. DO NOT ALLOW CONCRETE TO SEGREGATE. MAXIMUM FREE FALL FOR CONCRETE IS 3 FEET. A VIBRATOR IS REQUIRED FOR PLACEMENT OF CONCRETE IN WALLS, PIERS, FOOTINGS, AND TURNDOWNS.

I. CONCRETE PLACEMENT: PLACE ON FIRM, UNDISTURBED EARTH, OR PROPERLY COMPACTED FILL. CONSOLIDATE BY VIBRATING WITHOUT SEGREGATION. DO NOT PLACE CONCRETE WHEN TEMPERATURE IS 40°F AND FALLING OR WHEN FREEZING WEATHER IS PREDICTED WITHIN 24 HOURS.

1. PLACE CONCRETE WITHIN THE MINIMUM TEMPERATURE RANGE AS SPECIFIED IN ACI 301.

2. PROTECT CONCRETE AS REQUIRED IN ACI 301.

3. CONCRETE SHALL NOT CONTAIN TYPE III, HIGH EARLY STRENGTH CEMENT, CALCIUM CHLORIDE, CORROSIVE ACCELERATORS, OR ANTIFREEZE.

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B. COMPLY WITH REQUIREMENTS IN ACI 301 FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE.

C. COOPERATE WITH ALL OTHER TRADES. CONFER WITH ELECTRICAL, MECHANICAL, PLUMBING, CARPENTERS, STEEL WORKERS, ETC. MAKE SURE THAT ALL SLEEVES, ANCHOR, INSERT, CONDUIT, FLOOR BOXES, PIPES, FITTINGS, AND OTHER ITEMS ARE INSTALLED BEFORE PLACING CONCRETE. MAKE PROVISIONS FOR DOOR SADDLES, AND THRESHOLDS.

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2.06 CONCRETE PLACEMENT

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B. COMPLY WITH REQUIREMENTS IN ACI 301 FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE.

C. COOPERATE WITH ALL OTHER TRADES. CONFER WITH ELECTRICAL, MECHANICAL, PLUMBING, CARPENTERS, STEEL WORKERS, ETC. MAKE SURE THAT ALL SLEEVES, ANCHOR, INSERT, CONDUIT, FLOOR BOXES, PIPES,

onyx creative

25001 Emory Road, Suite 400
Cleveland, Ohio 44128
216.223.3200 onyxcreative.com

STATE OF OHIO
MICHAEL C. CRISP, JR.
D.
CRISP
12/21/2024
8225
REGISTERED ARCHITECT

Name: MICHAEL C. CRISP, JR.
License: 8225
Expiration: 12/21/25

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TRACTOR SUPPLY CO.

FUSION / SIDELOT
COMBO PROJECT
STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.: 24.0518
Drawn By: 
Date: 12-6-24 Issue: PERMIT

A0.2

CONCRETE & EPOXY SPECIFICATION

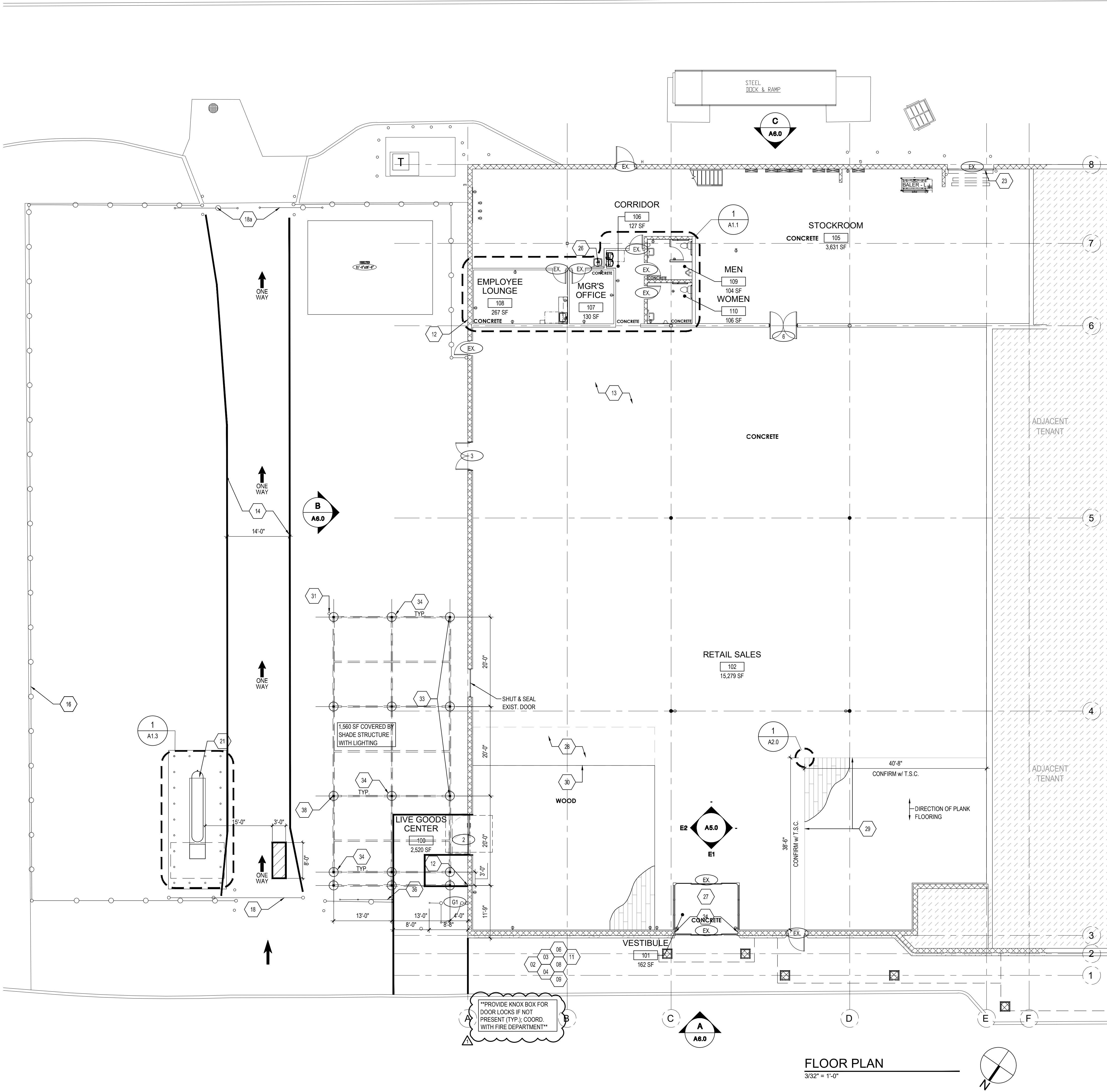
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CODING NOTES

- NOT USED.
- REPLACE ACCESSIBLE PARKING SIGNS ON VENDOR #13 BLUE BUMPER POSTS
- MOUNT (2) VETERAN PARKING SIGNS ON VENDOR #13 MOBILE BUMPER POSTS
- RELOCATE (2) B.O.P.I.S. PARKING SIGNS ON VENDOR #13 MOBILE BUMPER POSTS
- NO USED.
- CLEAN BLDG SIGN PANELS & ENSURE BULBS ARE OPERATIONAL.
- NOT USED.
- PAINT EXIST STOREFRONT CURBING SAFETY YELLOW.
- PRESSURE WASH STOREFRONT SIDEWALK.
- NOT USED.
- CLEAN EFFLORESCENCE, TUCK-POINT ALL FAILING MORTAR JOINTS & RESOLVE ANY WATER PENETRATIONS PRIOR TO PAINTING REAR, LEFT EXTERIOR. REFER TO A0.1 FOR COLOR SCHEDULE.
- ENSURE HOSE BIB IS OPERATIONAL.
- CRACK FILL / PATCH FLOOR TO ALLEVIATE TRIPPING HAZARDS.
- PRESSURE WASH & RE-STRIP. REFER TO SHEET AS1.0 FOR MARKING DETAILS.
- NOT USED.
- STRAIGHTEN / REPLACE / REPAIR DAMAGED FENCING AS NEEDED.
- NOT USED.
- REPLACE GATE W/ 20' MANUAL ROLLING CANTILEVERED GATE. REFER TO 1/AS1.1
- EXIST GATE TO REMAIN. REPLACE WHEELS & HARDWARE AS NEEDED. GREASE & ADJUST TO ENSURE OPERATIONAL. REFER TO 1b/AS1.1.
- NOT USED.
- NOT USED.
- RELOCATE & RECONNECT PROPANE. INSTALL CANOPY W/ EXPLOSION PROOF LIGHT. PATCH PAVEMENT WHERE PROPANE, TRENCHING, & BOLLARDS WERE REMOVED.
- NOT USED.
- REPLACE OH DOOR SEALS, SWEEPS, & PLASTIC CURTAIN. GREASE & ADJUST AS NEEDED TO REUSE EXIST DOOR.
- PAINT ALL APPLICABLE SURFACES IN VESTIBULE.
- NOT USED.
- CAPACITY TEST MOP SINK TO ENSURE BASIN & FAUCET ARE NOT LEAKING.
- EXIST CONCRETE FLOOR TO BE BURNISHED USING 800 GRIT
- POLISH CONCRETE; ADDITIONAL GRINDING MAY BE REQUIRED AFTER REMOVAL OF EXIST FLOORING
- EXTENT OF VINYL PLANK FLOORING FOR NEW CLOTHING AREA. VINYL PLANK FLOORING AS SCHEDULED W/ SINGLE-BEVEL PLANK @ TRANSITION (2 SIDES). SUPPLIED BY TSC, PURCHASED & INSTALLED BY G.C. REFER TO T1.1 FOR DISTRIBUTION INFO.
- EXTENT OF EXIST. VINYL PLANK FLOORING. USE SINGLE-BEVEL PLANK @ TRANSITION. SUPPLIED BY TSC, PURCHASED & INSTALLED BY G.C. REFER TO T1.1 FOR DISTRIBUTION INFO.
- Ø6" CONCRETE FILLED PIPE BOLLARD W/ VENDOR #13 COVER; REFER TO 9/AS1.1.
- NOT USED.
- INSTALL HOSE REEL @ 7'-0" AFF.
- INFILL TO MATCH EXIST PAVEMENT.
- NOT USED.
- 8' MANUAL ROLLING CANTILEVERED GATE.
- NOT USED.
- BOLLARD MOUNTED PROPANE E-STOP BUTTON @ 4'-6" AFF. ENSURE DISTANCE IS 25' MIN TO 100' MAX FROM PROPANE DISPENSING UNIT

GENERAL NOTES

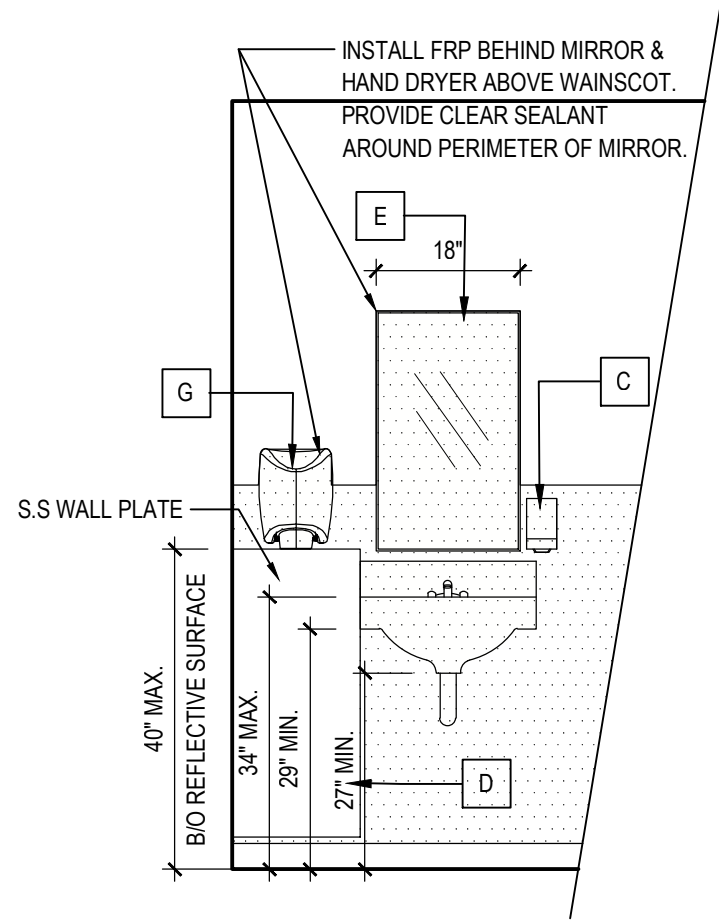
- ENSURE AT TIME OF REMODEL ALL POLE LIGHTS & WALL PACKS ARE OPERATIONAL. EXTERIOR LIGHT COVERS ARE FREE OF DAMAGE & NOT MISSING. REPLACE ALL DAMAGED, MISSING, OR STANDARD COVERS W/ EXTERIOR WEATHER PROOF COVERS. ALL LIGHT POLE BASES NOT LOCATED IN LANDSCAPING TO BE PAINTED SAFETY YELLOW.
- COVER EXIST. BOLLARDS W/ VENDOR #13 STANDARD YELLOW. CUT TO LENGTH. VERIFY LOCATIONS & QUANTITIES W/ PM PRIOR TO INSTALLATION.
- GLASS THAT IS EXIST TO REMAIN SHALL BE CLEANED. ENSURE ALL SEALS ARE WEATHER TIGHT
- INTERIOR & EXTERIOR DOORS THAT ARE EXIST TO REMAIN SHALL HAVE SEALS & SWEEPS REPLACED. CAULK & SEAL GAPS IN FRAME. PAINT ALL HOLLOW METAL DOOR & FRAMES. INSPECT/ADJUST LOCKING HARDWARE & SWING.
- PAINT ALL WALLS THAT ARE VISIBLE TO CUSTOMER. PATCH, REPAIR, & CLEAN PRIOR TO PAINTING. PAINT ALL COLUMNS. INSTALL VENDOR #13 CORNER GUARDS ON ALL OUTSIDE CORNERS. REPLACE MISSING OR DAMAGED VINYL BASE. REFER TO COLOR SCHEDULE ON A0.1
- PAINT RED STRIPE 12" WIDE AROUND PERIMETER OF SALES FLOOR. BOTTOM OF STRIPE TO BE @ 10'-3" AFF.
- EXIST OFFICE CORE TO BE REUSED; ALL WALL PENETRATIONS REPAIRED & PAINTED. RESTROOM UNITS THAT ARE EXIST TO REMAIN SHALL BE THOROUGHLY CLEANED & SANITIZED. REPLACE FRP 4FT UP. REFER TO COLOR SCHEDULE ON A0.1
- REFER TO WALL TYPES ON A1.1



X ACCESSORY SCHEDULE					
TAG	DESCRIPTION		MANUFACTURER #	MODEL	REMARKS
A	TOILET PAPER DISPENSER		F.B.O., I.B.C.		QTY (1) WOMENS QTY (1) MENS
B	ACCESSIBLE GRAB BARS (WATER CLOSETS)	SIDE	BRADLEY	8320-001-42	MOUNT 33"-36" A.F.F. TO TOP, MAX
		BACK	BRADLEY	8320-001-36	MOUNT 33"-36" A.F.F. TO TOP, MAX
		VERT.	BRADLEY	8320-001-18	MOUNT 39"-41" A.F.F. TO BOTTOM OF BAR
C	TOUCHLESS SOAP DISPENSER		SCOTT BRAND F.B.O., I.B.C.	32504	MOUNT 40" A.F.F. MAX TO CONTROL
D	16" X 36" STAINLESS STEEL PANEL		FURN. & INST. BY CONTRACTOR		40" TO TOP OF PANEL
E	MIRROR (1/4" POLISHED PLATE GLASS)		1 PIECE, 18" X 36"		MOUNT 40" A.F.F. TO BOTTOM OF REFLECTIVE SURFACE
F	PAPER TOWEL DISPENSER		F.B.O., I.B.C.		MOUNT 40" A.F.F. MAX TO CONTROL
G	SMARTDRI PLUS		WORLD DRYER	K-974P2	MOUNT 40" A.F.F. MAX TO CONTROL
H	HORIZONTAL BABY CHANGING STATION		AMERICAN SPECIALTIES INC.	9012	MOUNT 27-34" A.F.F. TO WORK SURFACE

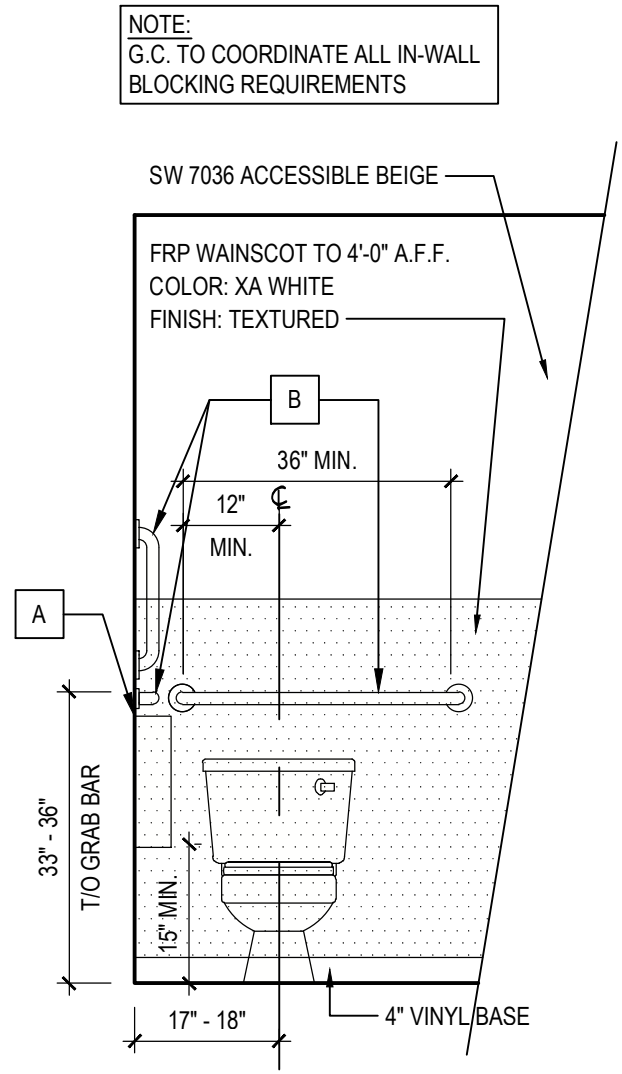
ACCESSORY NOTES

- A. RESTROOM ACCESSORIES TO BE INSTALLED BY G.C.
- B. F.B.O., I.B.C. (FURNISHED BY OWNER, INSTALLED BY CONTRACTOR.)
- C. AUTOMATIC CONTROL.
- D. FRP TO 4'-0" A.F.F. ON ALL WALLS EXCEPT CMU UNLESS NOTED OTHERWISE.
- E. ALL PLUMBING FIXTURES TO BE ANCHORED PER ALL ANCHOR POINTS.
- F. PROVIDE CEILING BATT INSULATION FOR RESTROOMS.
- G. NO ITEMS SHALL BE LOCATED FROM FLOOR TO CEILING WITHIN 18" OF THE EDGE OF THE PULL SIDE OF THE BATHROOM DOORS.
- H. NOTE - EXISTING ACCESSORIES THAT MATCH THE ABOVE SPECIFICATION AND IN GOOD WORKING ORDER ARE NOT TO BE REPLACED. CONFIRM REPLACEMENT w/ T.S.C. P.M.



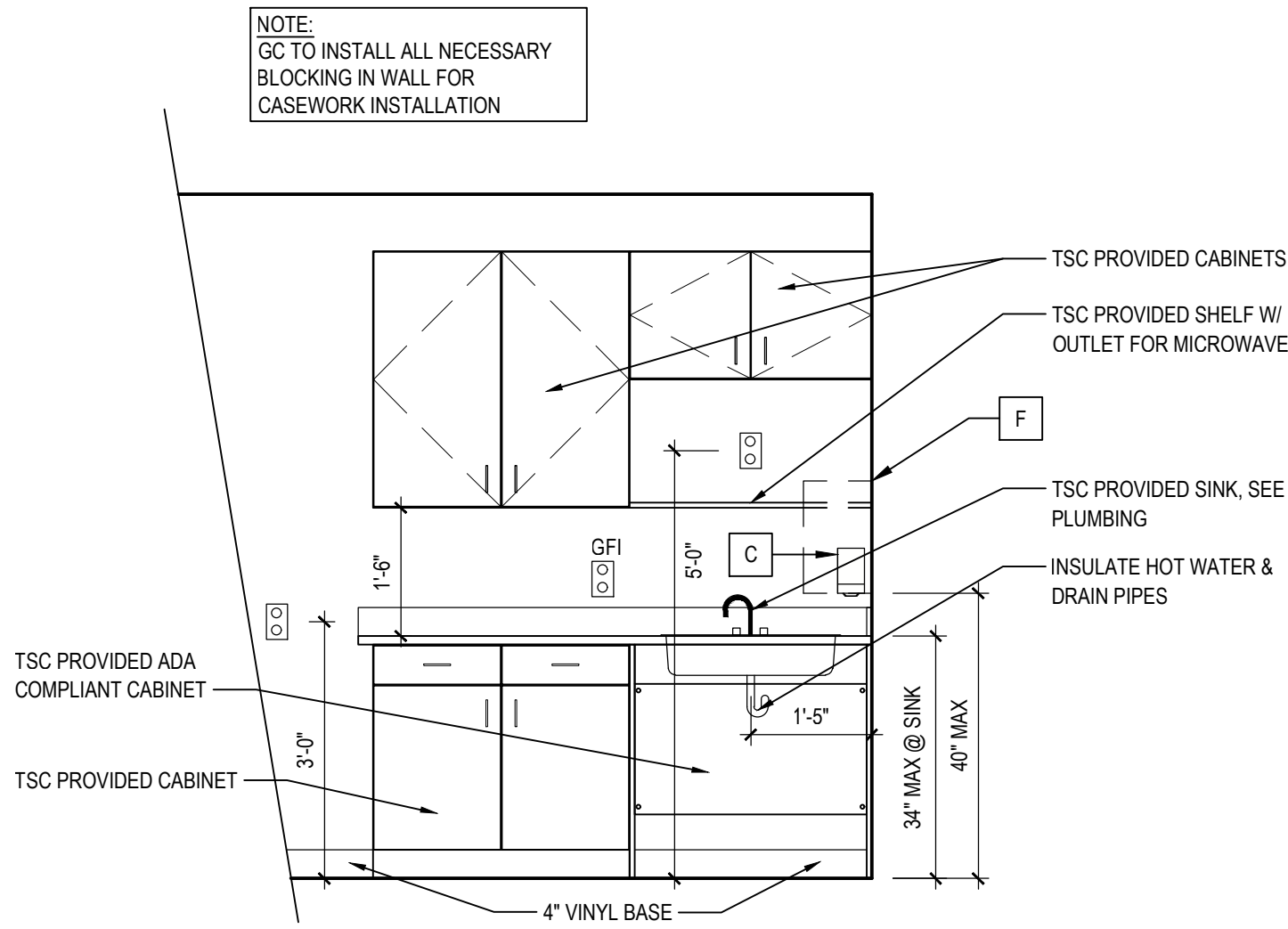
E6 | RESTROOM
INTERIOR ELEVATION

1/2"=1'-0"



E2 | RESTROOM
INTERIOR ELEVATION

1/2"=1'-0"



E5 | BREAK ROOM COUNTER
INTERIOR ELEVATION

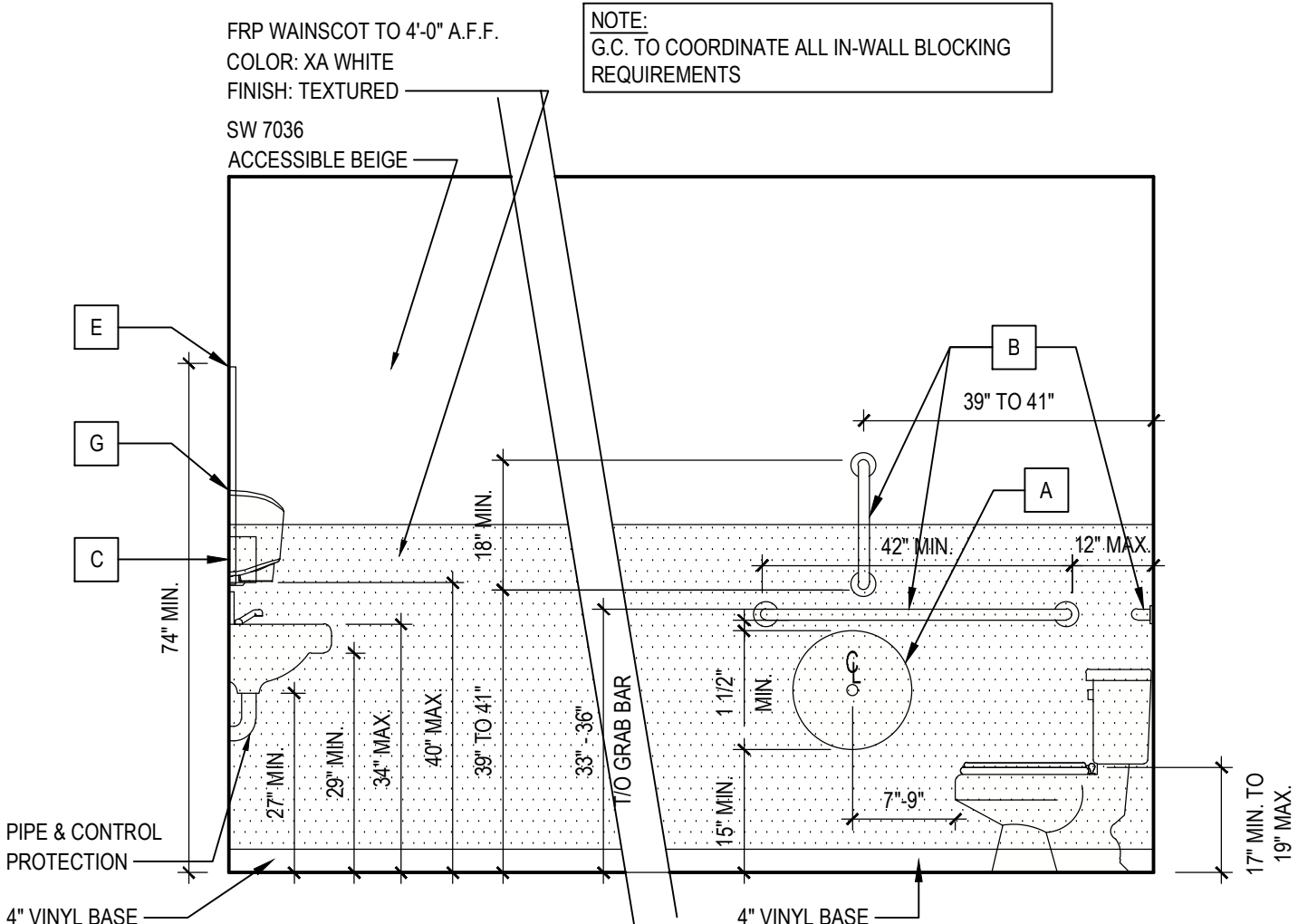
1/2"=1'-0"

X CODED NOTES

- BURNISH EXIST CONCRETE FLOOR.
- NOT USED..
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- INSTALL ACCESSIBLE BI-LEVEL FOUNTAIN. INSTALL / REPLACE FRP 4' AFF.
- INSTALL / REPLACE CABINET, COUNTER, & SINK. UPPER CABINET WILL NEED BRACING ADDED IN-BETWEEN THE STUDS.
- CLEAN & SANITIZE EXIST STALL PARTITIONS. ENSURE SCREWS ARE TIGHT ON PANELS & WALLS. REPLACE ANY DAMAGED OR MISSING HARDWARE. GRIND, PRIME, & PAINT. MATCH MTL DOOR PAINT SPECS; REFER TO COLOR SCHEDULE ON A0.1
- EXIST EXHAUST FAN(S) TO BE CLEANED. ENSURE UNITS ARE OPERATIONAL & ACTIVATE W/ MOTION SENSOR.
- CLEAN & CAULK EXIST SINK(S). REPLACE ADA WRAPS.
- INSTALL NEW MIRROR(S); REFER TO ACCESSORY SCHEDULE.
- INSTALL NEW HAND DRYER. INSTALL MTL PLATE OVER FRP; REFER TO ELEVATIONS.
- CLEAN & CAULK EXIST TOILET(S); REPLACE SEAT. ENSURE FLUSH HANDLE IS ON ACCESSIBLE SIDE OF TANK.
- CLEAN & CAULK EXIST URINAL. INSTALL TOUCHLESS APPLICATION.

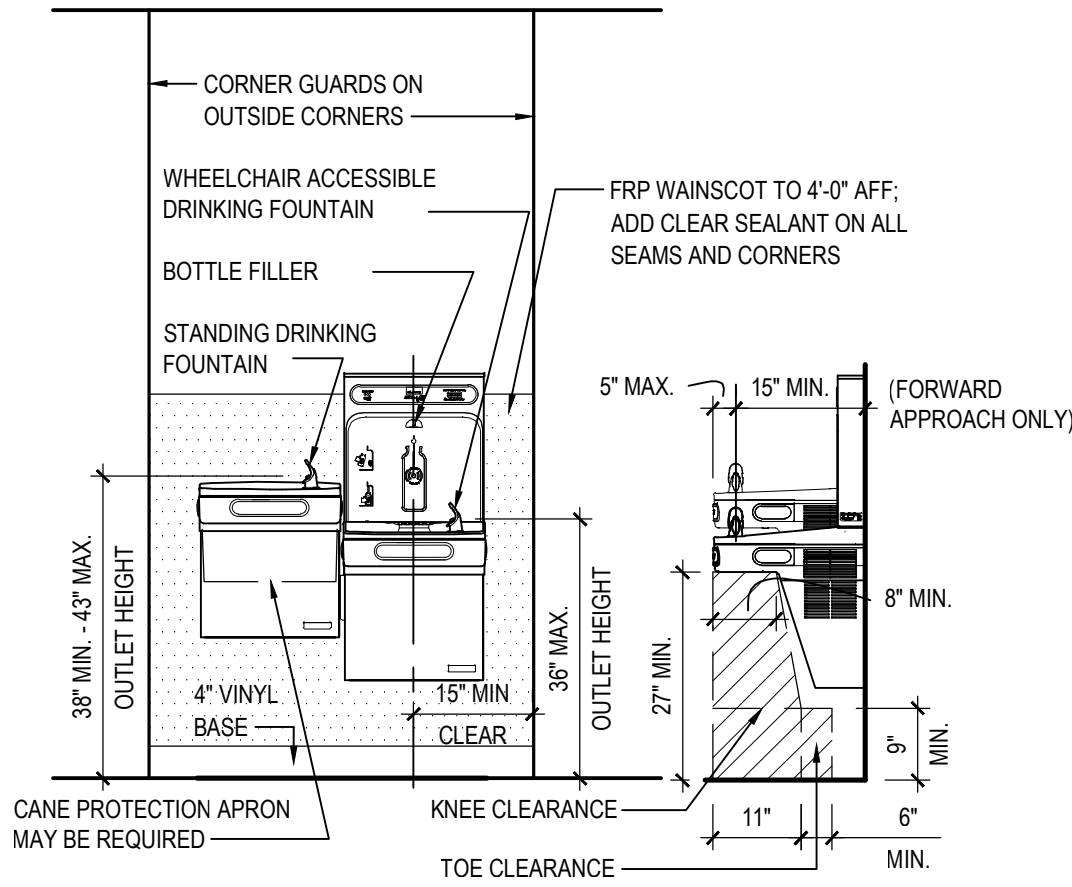
GENERAL NOTES

- A. REPAIR PENETRATIONS & PAINT ALL WALLS. INSTALL / REPLACE FRP: 4FT AFF. INSTALL CORNER GUARDS ON ALL OUTSIDE GYPSUM BOARD CORNERS. REPLACE MISSING OR DAMAGED VINYL BASE. REFER TO COLOR SCHEDULE ON A0.1
- B. PLUMBING FIXTURES THAT ARE EXISTING TO REMAIN SHALL BE THOROUGHLY CLEANED & SANITIZED.
- C. REPLACE EXIST DOOR SEALS & SWEEPS. CAULK & SEAL GAPS IN FRAME. PAINT ALL HOLLOW METAL DOOR & FRAMES. INSPECT/ADJUST LOCKING HARDWARE & SWING. POLISH HANDLES, HINGES, & KICK PLATES. INSTALL DOOR SILENCERS & DOOR STOPS AS NEEDED. REFER TO COLOR SCHEDULE ON A0.1



E1 | RESTROOM
INTERIOR ELEVATION

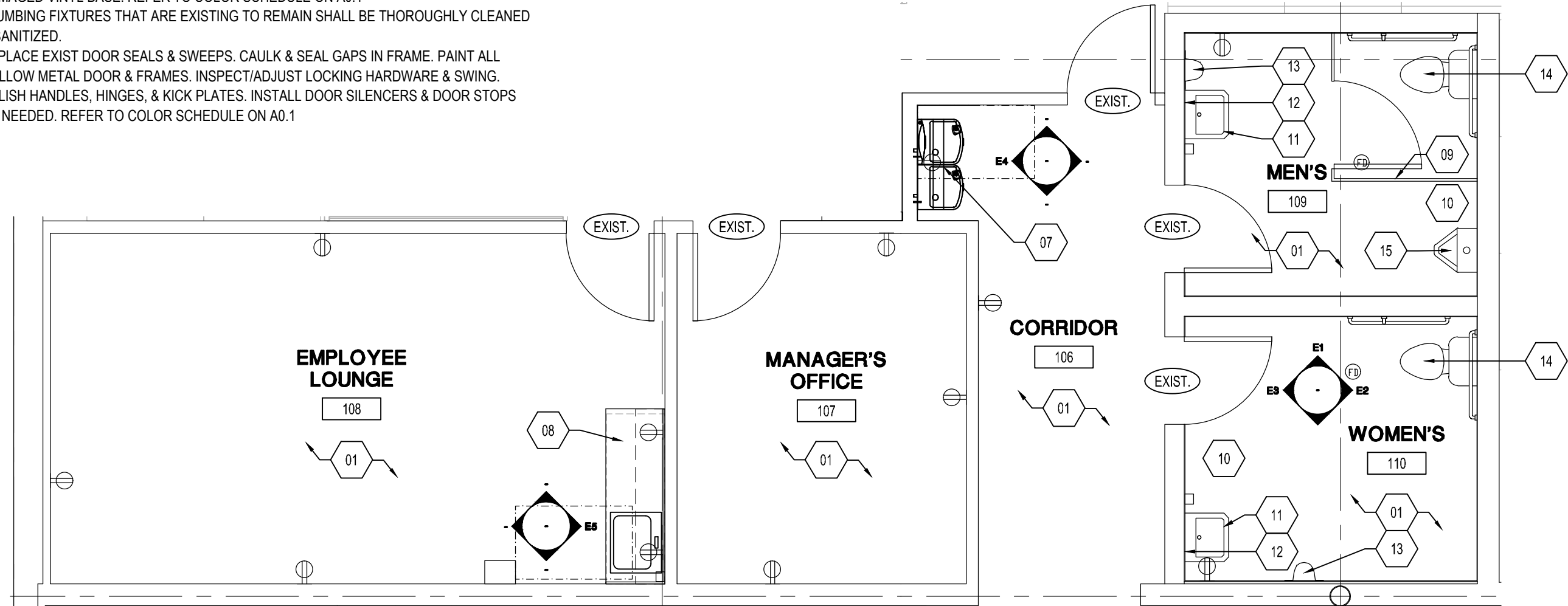
1/2"=1'-0"



E4 | DRINKING FOUNTAIN
INTERIOR ELEVATION

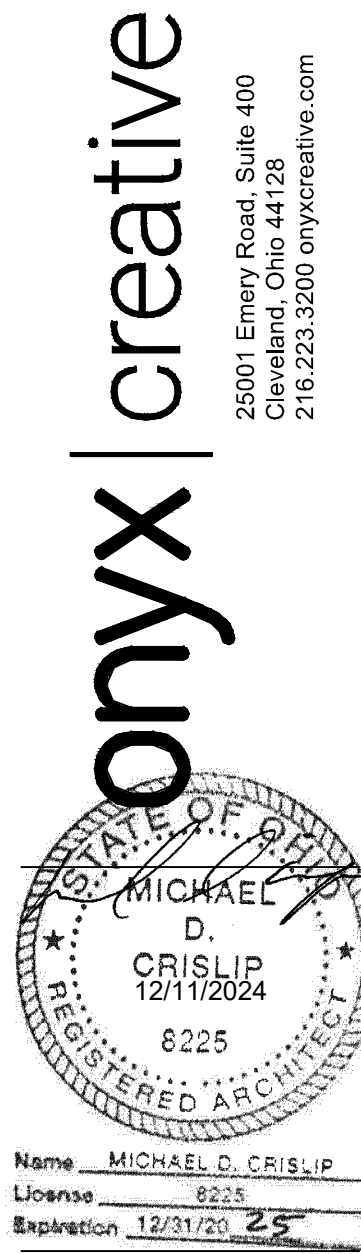
1/2"=1'-0"

w/ BOTTLE FILLER



1 | OFFICE CORE
ENLARGED PLAN

1/4"=1'-0"



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FUSION / SIDELOT
COMBO PROJECT
STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

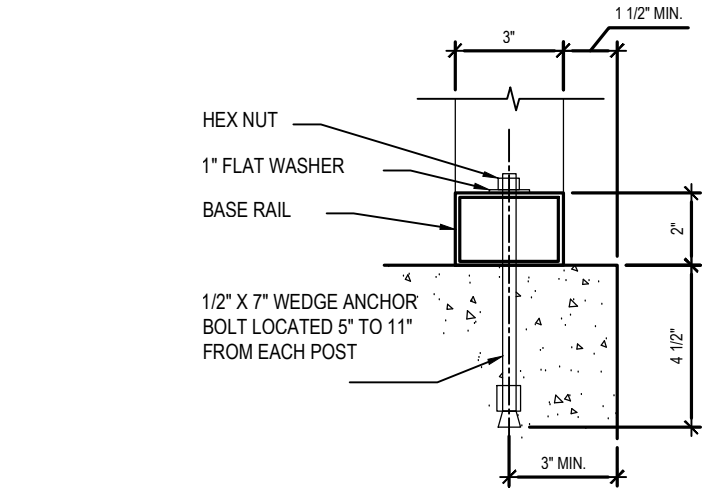
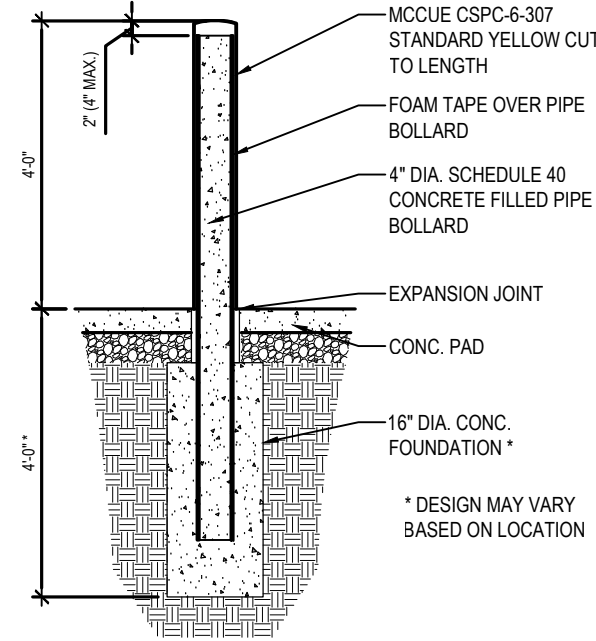
Project No.: 24.0518
Drawn By: JM
Date: 12-6-24
Issue: PERMIT

A1.1

INTERIOR ELEVATIONS,
SCHEDULES & DETAILS

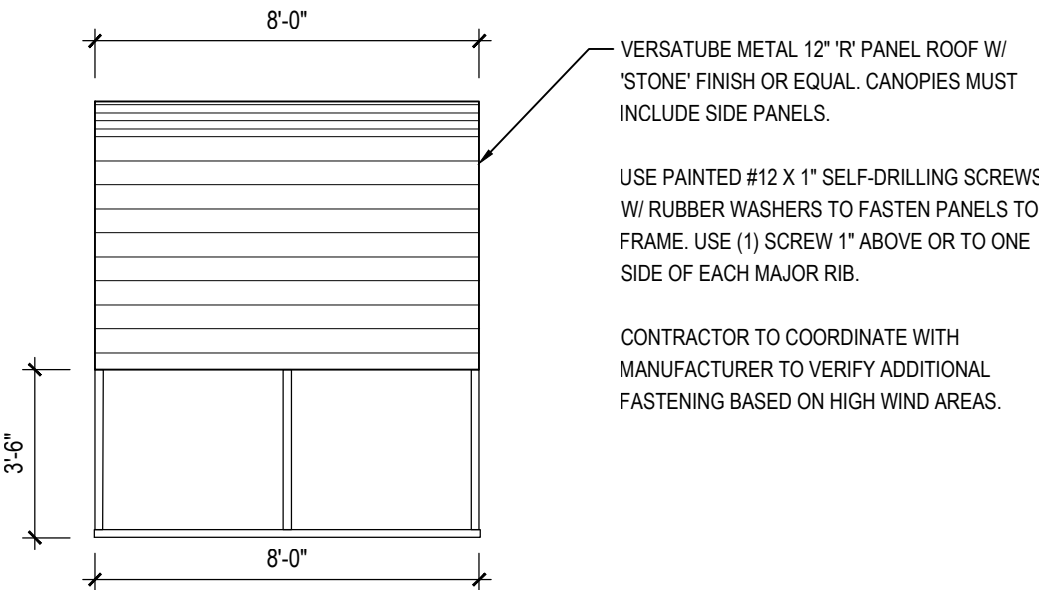
9 NOT USED
BOLLARD DETAIL
N.T.S.

8 BOLLARD DETAIL
3/32" = 1'-0"

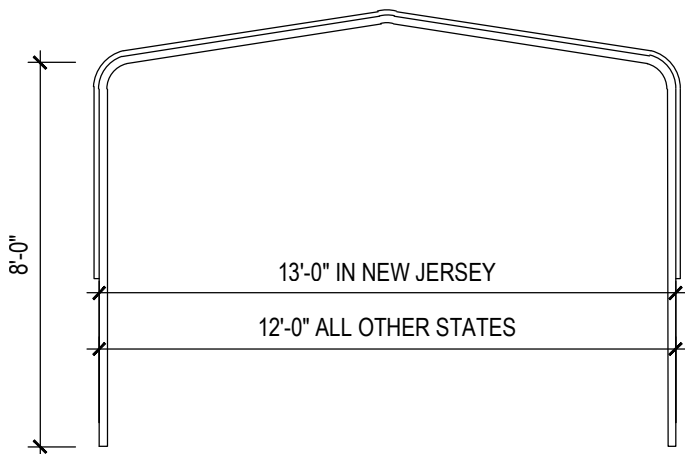


7 CONNECTION @ CONCRETE
CANOPY DETAIL
3/32" = 1'-0"

6 NOT USED
PROPANE PLAN DETAIL
N.T.S.



5 SIDE
CANOPY ELEVATION
1/4" = 1'-0"

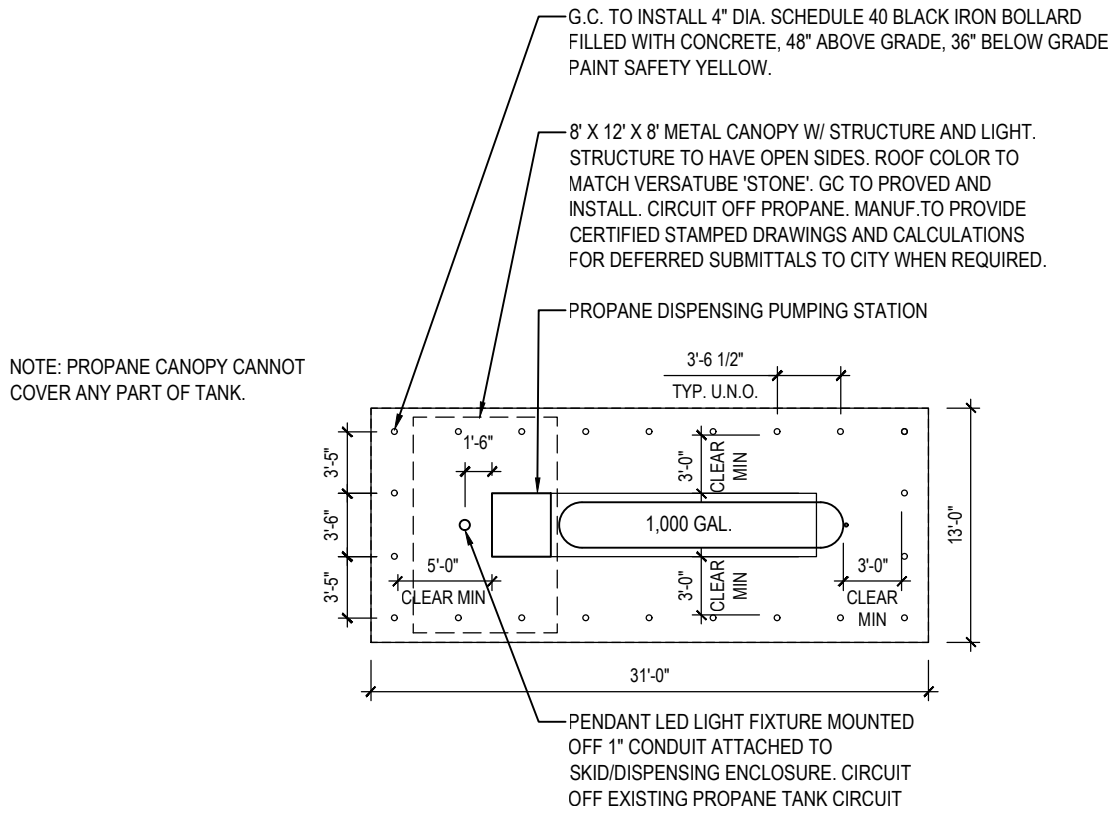


4 FRONT
CANOPY ELEVATION
1/4" = 1'-0"

3 NOT USED
PROPANE PLAN DETAIL
N.T.S.

2 NOT USED
PROPANE PLAN DETAIL
N.T.S.

1 1000 GAL TANK
PROPANE PLAN DETAIL
3/32" = 1'-0"



- GENERAL GUIDELINES FOR PROPANE LOCATION AND INSTALLATION:
- PROPANE TANK LOCATION TO COMPLY WITH NFPA STANDARDS AND GUIDELINES. CONTRACTOR TO VERIFY COMPLIANCE WITH PROPANE COMPANY PRIOR TO INSTALLATION.
 - PROPANE TANK TO BE INSTALLED 25' MIN. AWAY FROM ANY STRUCTURE PER NFPA 58.
 - PROPANE TANK TO BE INSTALLED 25' MIN. AWAY FROM LIGHT POLES UNLESS EXPLOSION PROOF BOX INSTALLED PER NFPA 58.
 - PROPANE TANK TO BE INSTALLED 25' MIN. AWAY FROM UTILITIES (I.E. STORM WATER, ELECTRICAL TRANSFORMERS, METERS) PER NFPA 58.
 - PROPANE TANK TO BE INSTALLED 10' MIN. AWAY FROM PROPERTY LINES PER NFPA 58.
 - PROPANE TANK TO HAVE 15' CLEARANCE FROM RUNNING VEHICLES TO POINT OF TRANSFER PER NFPA 58.
 - IN TEXAS, IN ADDITION TO BOLLARD PROTECTION REQUIREMENTS (3'-0" MAX. SPACING), GUARDRAIL TO BE INSTALLED WITH 2 POINTS OF EGRESS NO GREATER THAN 36'.
 - IN FLORIDA, IN ADDITION TO BOLLARD PROTECTION (3'-0" MAX. SPACING), A 10' HALO IN ALL DIRECTIONS SHALL BE PROVIDED FROM THE POINT OF TRANSFER.
 - FOR CONDUIT ONLY INSTALLATION (PROPANE TANK INSTALLED AT A LATER DATE) PROVIDE BOLLARD COVER (GLOBAL INDUSTRIAL MODEL WG65289M) AND (4) FOUR BOLLARD COVER ANCHOR BOLTS (GLOBAL INDUSTRIAL MODEL WG652901) OVER CONDUIT 'STUB-UP'. INSTALL EXPLOSION PROOF JUNCTION BOX VERTICALLY TO INSURE BOLLARD COVER FIT. SEE ELECTRICAL.

- PROPANE RESPONSIBILITY NOTES:
- IF PROPANE TANK IS DELIVERED PRIOR TO FIXTURE DATE:
- GENERAL CONTRACTOR IS RESPONSIBLE FOR INFRASTRUCTURE RELATED TO PROPANE TANK INSTALLATION.
 - GENERAL CONTRACTOR IS RESPONSIBLE FOR ELECTRICAL PERMITTING AND FINAL CONNECTION TO PUMP DISPENSING CONTROL PANEL.
 - AMERIGAS OR OTHER SPECIFIED PROPANE PROVIDER IS RESPONSIBLE FOR GAS PERMITTING OF THE TANK.
 - AMERIGAS OR OTHER SPECIFIED PROPANE PROVIDER IS RESPONSIBLE FOR INSTALLATION AND FINAL GAS CONNECTION OF THE TANK.
 - SEE ELECTRICAL FOR ADDITIONAL NOTES AND DETAILS.

- IF PROPANE TANK IS DELIVERED AFTER FIXTURE DATE:
- GENERAL CONTRACTOR IS RESPONSIBLE FOR INFRASTRUCTURE RELATED TO PROPANE TANK INSTALLATION.
 - AMERIGAS OR OTHER SPECIFIED PROPANE PROVIDER IS RESPONSIBLE FOR ELECTRICAL PERMITTING AND FINAL CONNECTION TO PUMP DISPENSING CONTROL PANEL.
 - AMERIGAS OR OTHER SPECIFIED PROPANE PROVIDER IS RESPONSIBLE FOR GAS PERMITTING OF THE TANK.
 - AMERIGAS OR OTHER SPECIFIED PROPANE PROVIDER IS RESPONSIBLE FOR INSTALLATION AND FINAL GAS CONNECTION OF THE TANK.
 - SEE ELECTRICAL FOR ADDITIONAL NOTES AND DETAILS.

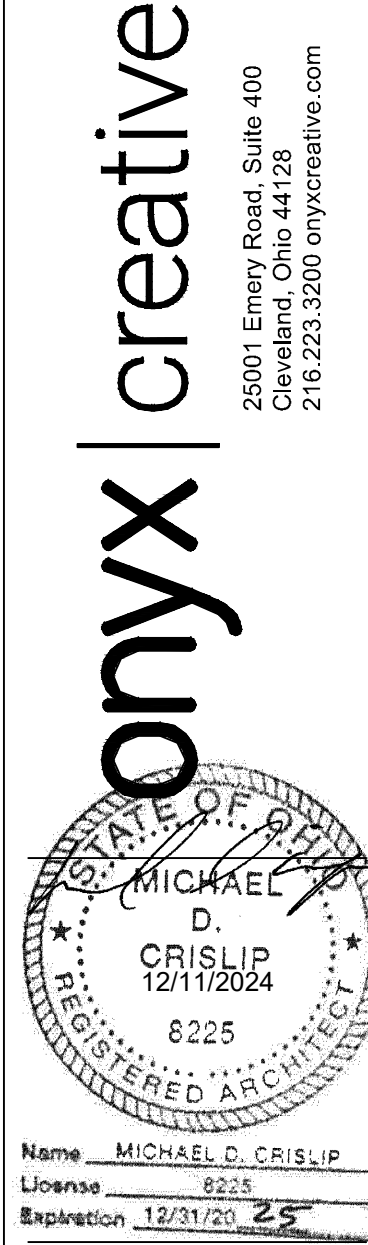
** NOTICE **

CLASS 1, DIV.2 CONDUIT
SEAL AT 18" AFG TO BOTTOM

*REFER TO PLAN FOR LOCATION
OF PROPOSED TANK INSTALL.

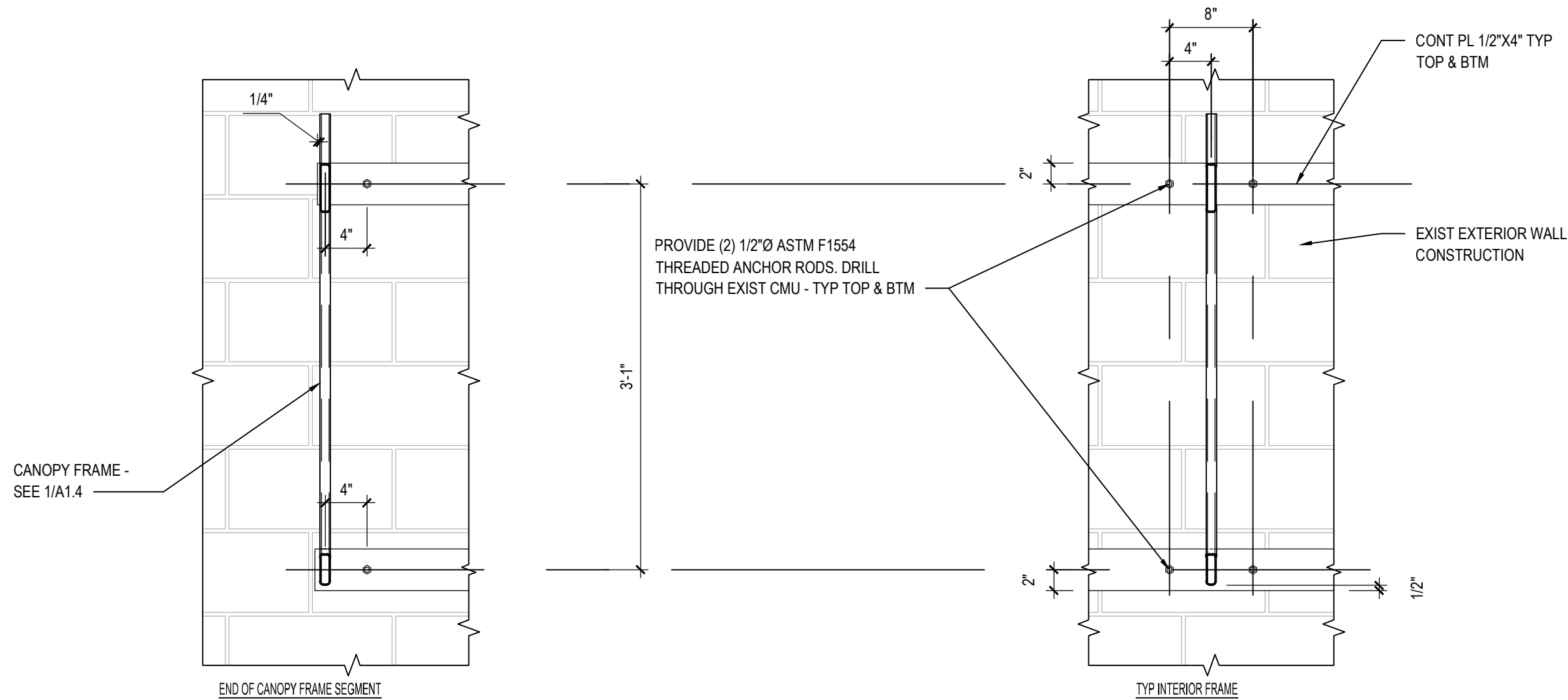
**MOUNT ON EXISTING SURFACE. NEW PAD ONLY
WHERE REQUIRED BY A.H.J. PAD TO SIT LEVEL, SHIM
SKID AS NECESSARY TO LEVEL TANK. EXTENTS TO
BE 5' OUTSIDE BOLLARDS.

*GENERAL CONTRACTOR TO CONTACT PLAN EXPRESS
FOR BULK PROPANE POWER-OPERATED DISPENSING
DEVICE FOR LPG-GAS CUT-SHEET PDF DOCUMENT.



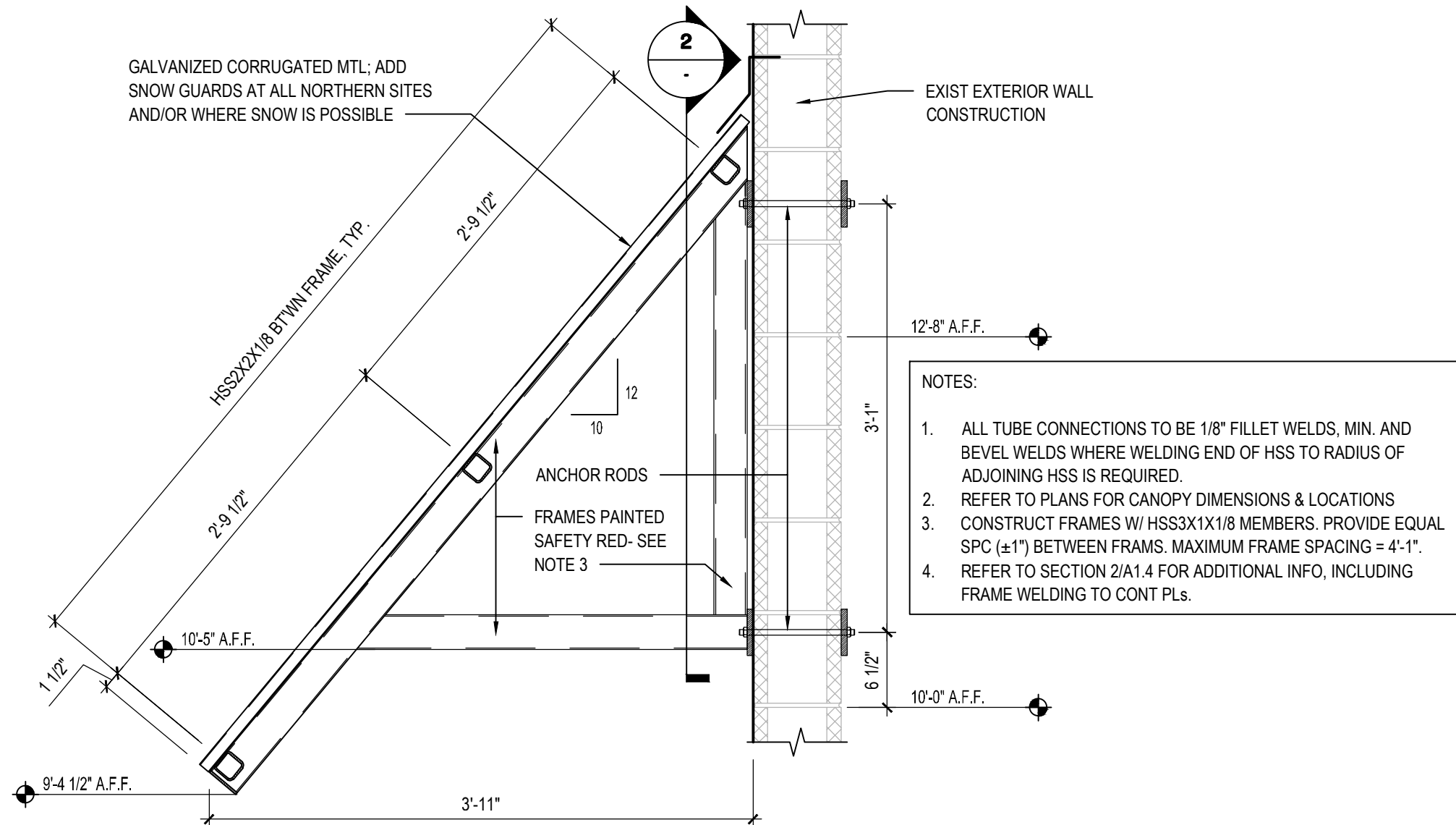
FUSION / SIDE LOT
COMBO PROJECT
STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.: 24.0518
Drawn By: JM
Date: 12-6-24
Issue: PERMIT



2 CANOPY
DETAIL

1"=1'-0" EXIST MASONRY



1 CANOPY
DETAIL

1"=1'-0" EXIST MASONRY

- NOTES:
1. ALL TUBE CONNECTIONS TO BE 1/8" FILLET WELDS, MIN. AND BEVEL WELDS WHERE WELDING END OF HSS TO RADIUS OF ADJOINING HSS IS REQUIRED.
 2. REFER TO PLANS FOR CANOPY DIMENSIONS & LOCATIONS
 3. CONSTRUCT FRAMES W/ HSS3X1X1/8 MEMBERS. PROVIDE EQUAL SPC (±1") BETWEEN FRAMS. MAXIMUM FRAME SPACING = 4'-1".
 4. REFER TO SECTION 2/A1.4 FOR ADDITIONAL INFO, INCLUDING FRAME WELDING TO CONT PLs.



FUSION / SIDE LOT

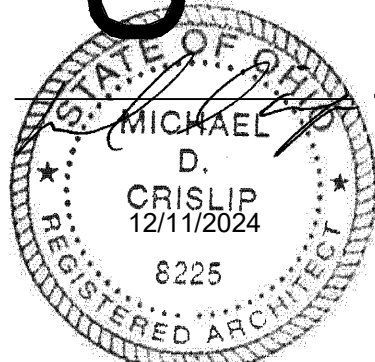
COMBO PROJECT

STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.:	24.0518
Drawn By:	JM
Date	Issue
12-6-24	PERMIT

A1.4

ARCHITECTURAL DETAILS

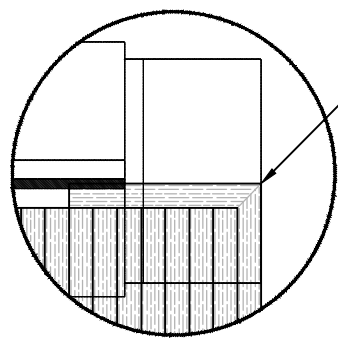


Name MICHAEL C. CRISLIP
License 8225
Expiration 12/31/25

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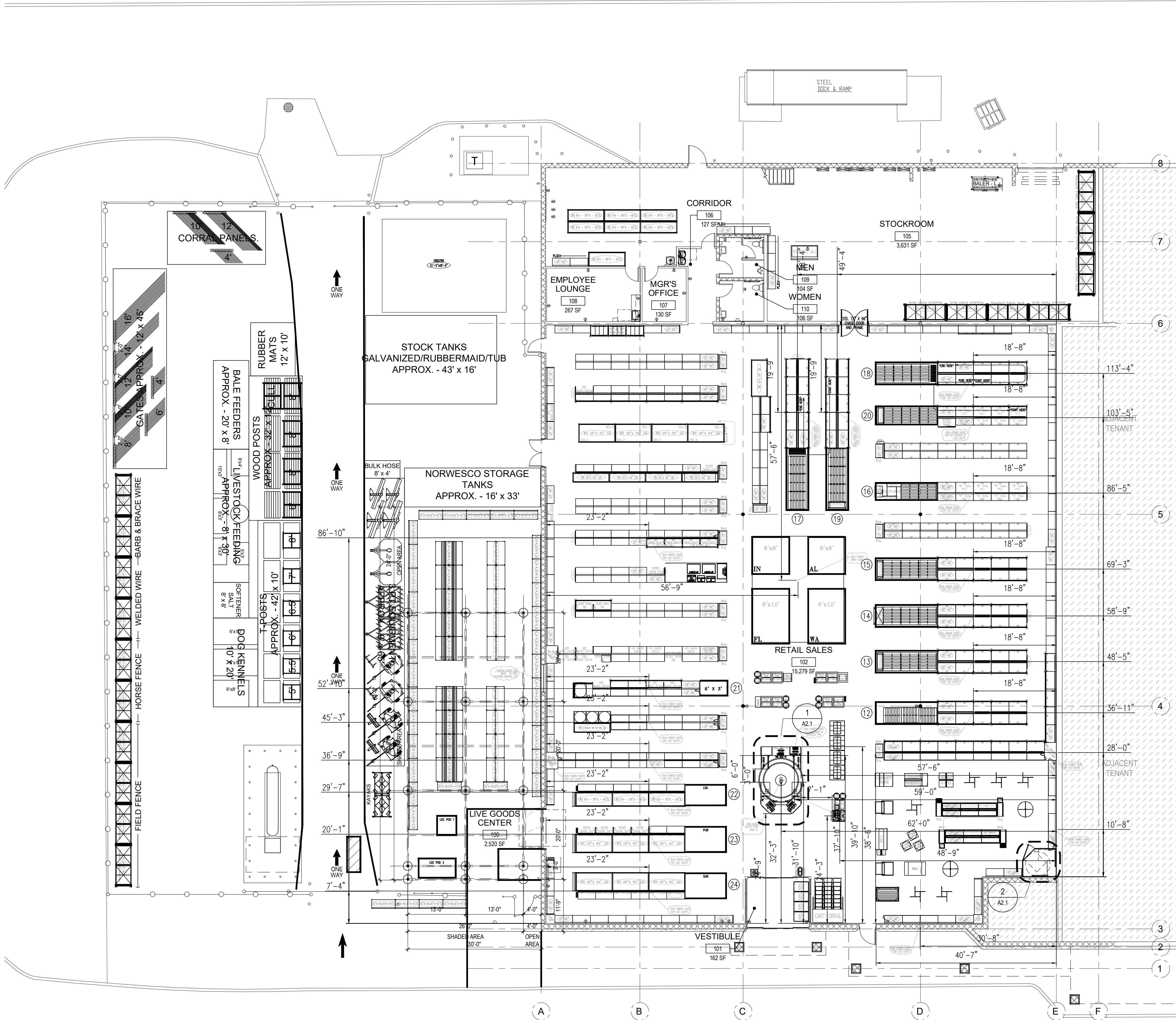
MITER VINYL PLANK AT OUTSIDE CORNER OF EXTENT OF CLOTHING AREA. RETURN VINYL PLANK TO COVER ALL EXPOSED SHORT EDGED UNTIL FIXTURES COVER FLOORING. COORDINATE W/ FINAL FIXTURE PLAN.

1 VINYL PLANK RETURN

1/8"=1'-0"

GENERAL NOTES

- INSTALL ENERGY MANAGEMENT SYSTEM THERMOSTAT & CALL 866-356-0666 TO ENSURE OPERATIONAL.
- ENSURE ALL PALLET RACKING HAS ONE BOLT PER LEG.
- REQUEST FINAL DIMENSIONED LAYOUT FROM TSC PM
- FINAL FIXTURE PLAN TO BE DEVELOPED BY TSC. SERVICE DESK, FIXTURES & COUNTERS TO THE SUPPLIED BY TSC & BOLTED DOWN BY CONTRACTOR



FIXTURE PLAN
3/32" = 1'-0"

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216.223.3200 onyxcreative.com

STATE OF OHIO
MICHAEL D. CRISLIP
12/11/2024
8225
REGISTERED ARCHITECT

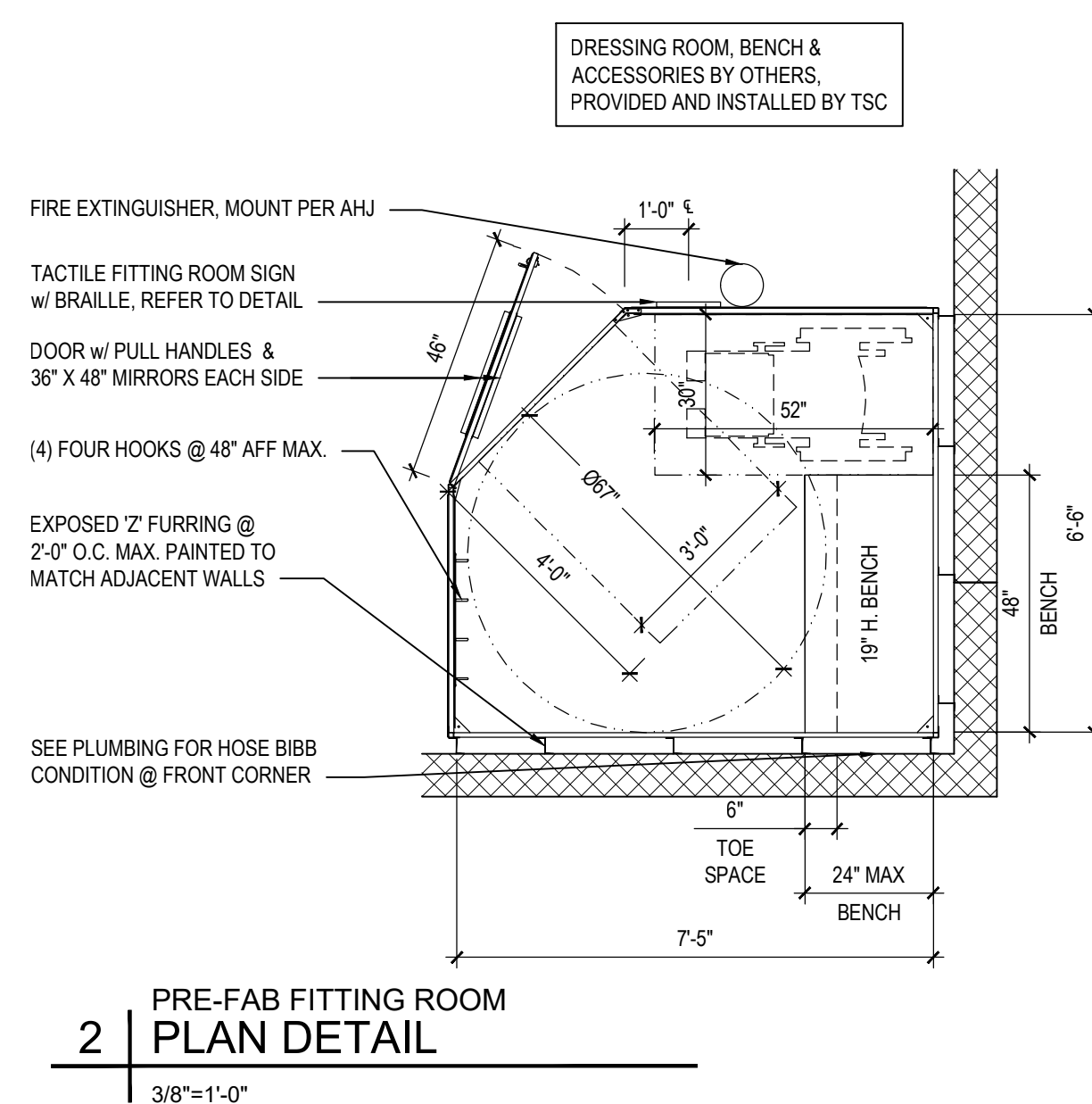
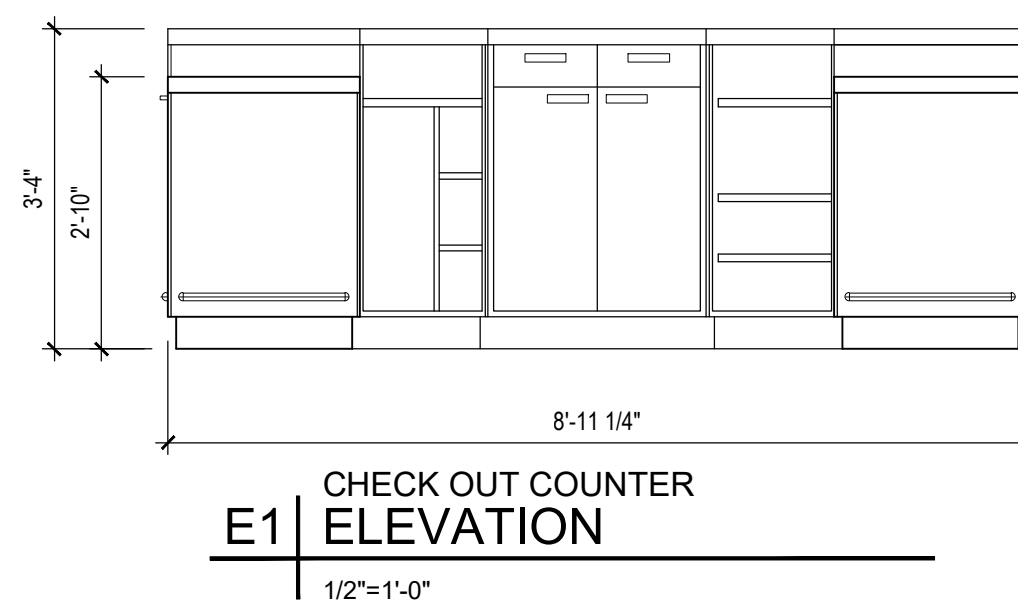
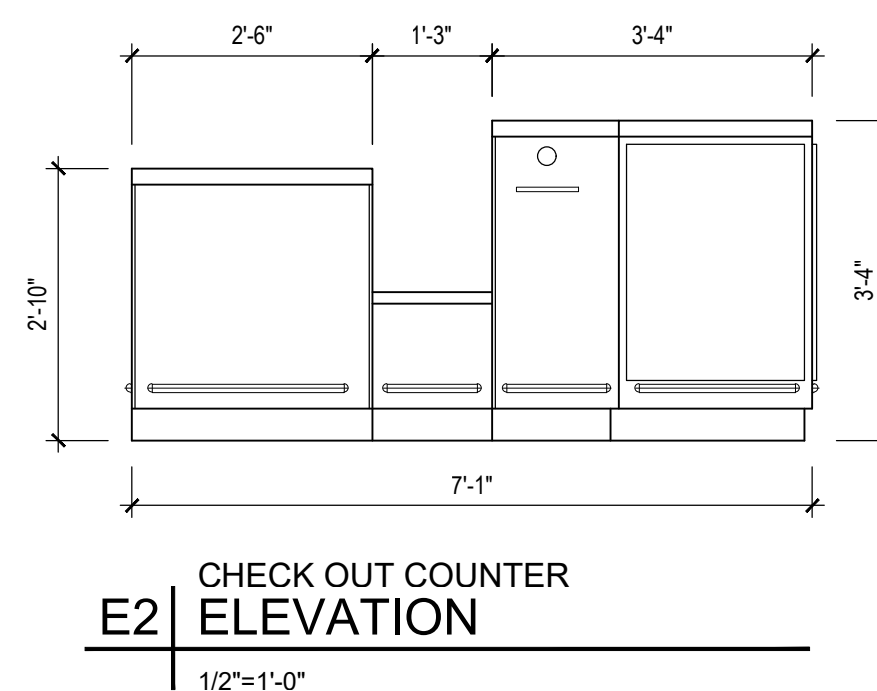
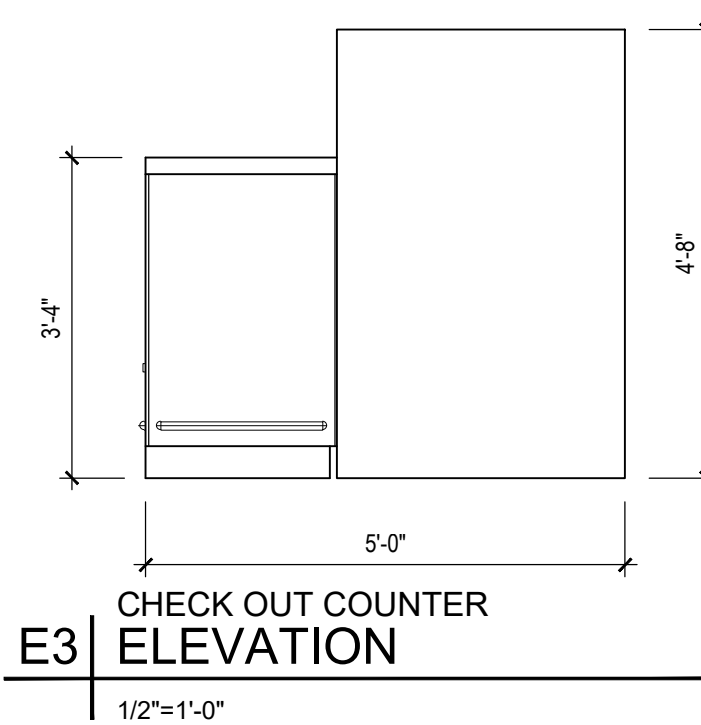
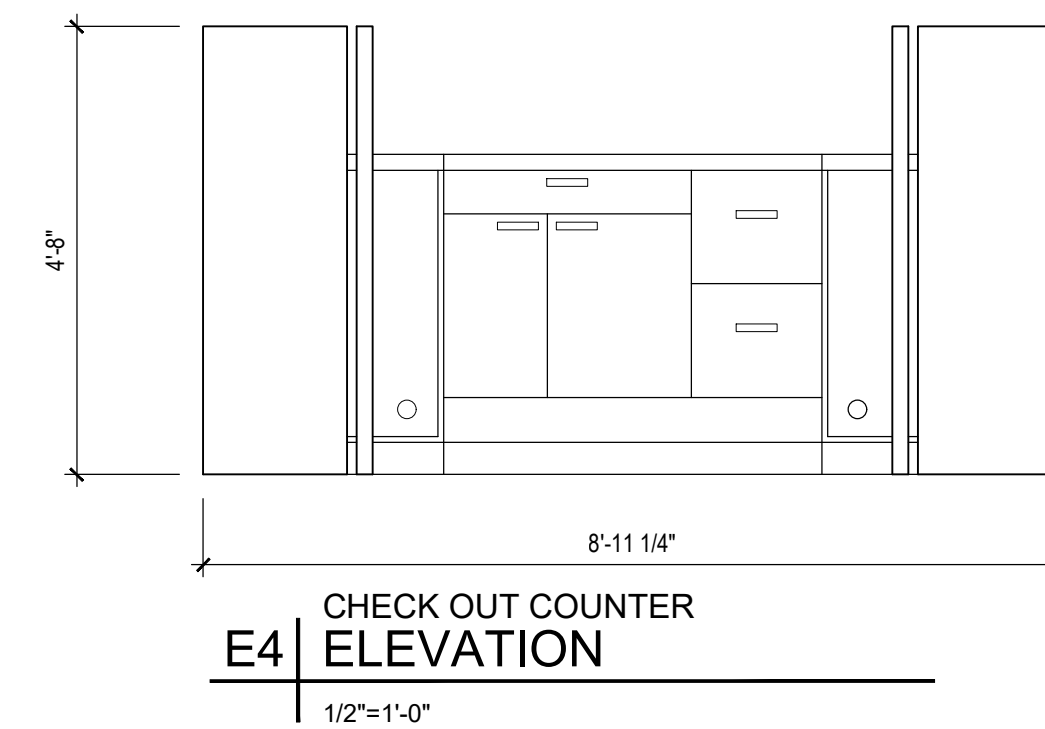
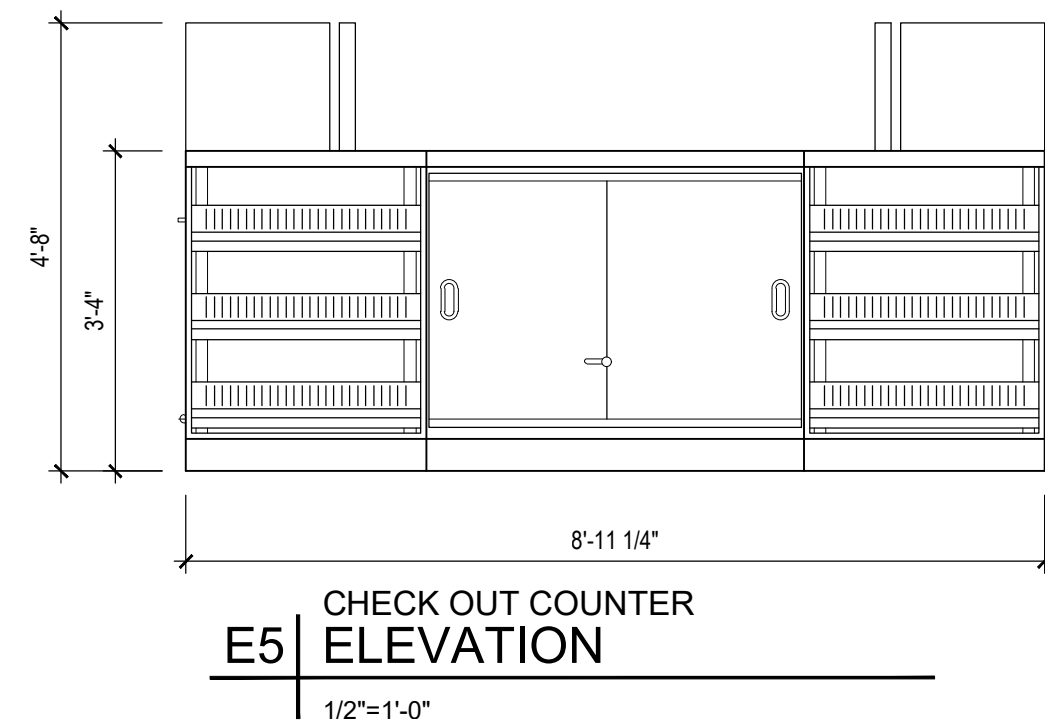
Name: MICHAEL D. CRISLIP
License: 8225
Expiration: 12/31/25

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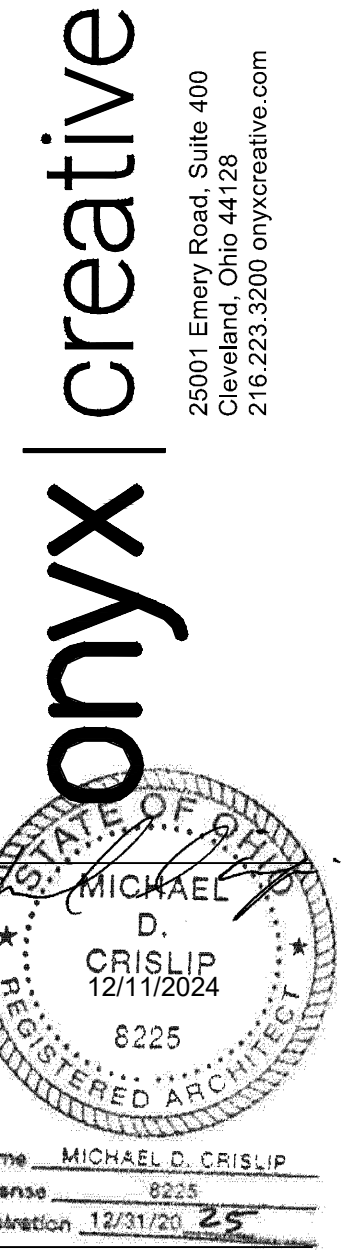
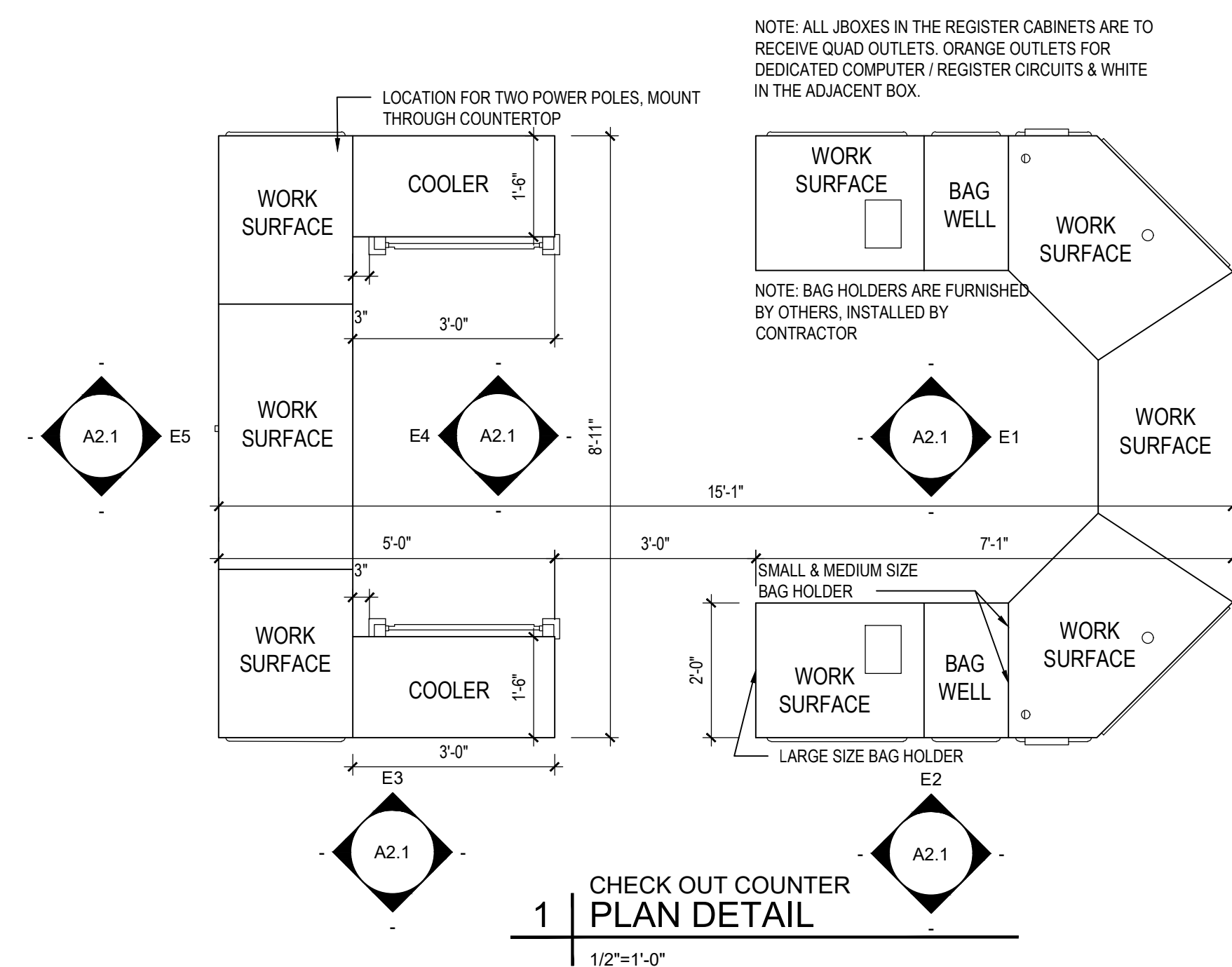
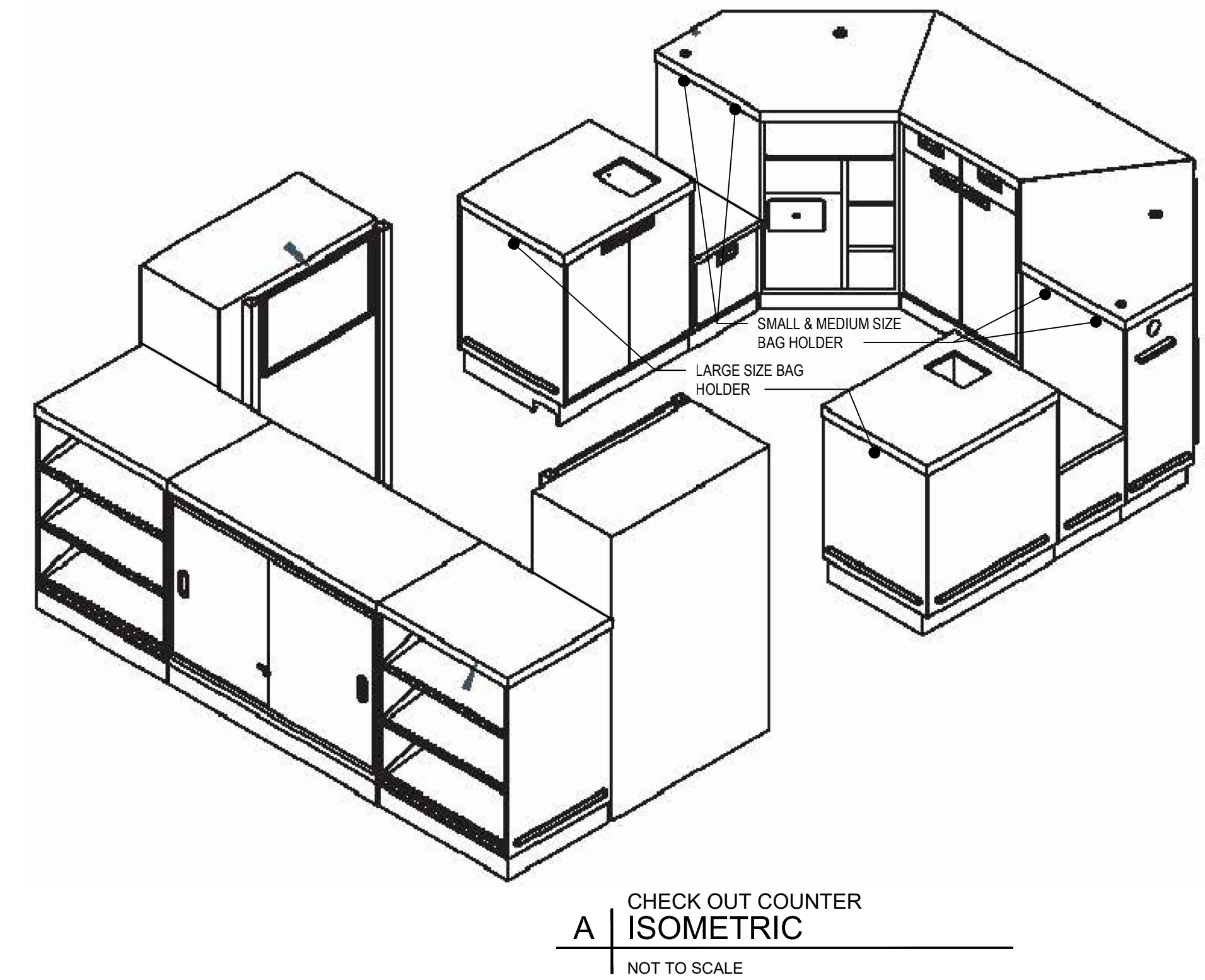
FUSION / SIDELOT
COMBO PROJECT
STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.: 24.0518
Drawn By: JM
Date: 12-6-24
Issue: PERMIT



"U" REGISTER COUNTER

LANDLORD/ GENERAL CONTRACTOR RESPONSIBLE FOR RECEIVING, PLACING AND ASSEMBLY OF ALL TENANT SUPPLIED MILLWORK.



COMBO PROJECT

FUSION / SIDELOT
COMBO F
STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.:	24.0518
Drawn By:	JM
Date	Issue
1-6-24	PERMIT

ate	Issue
-6-24	PERMIT

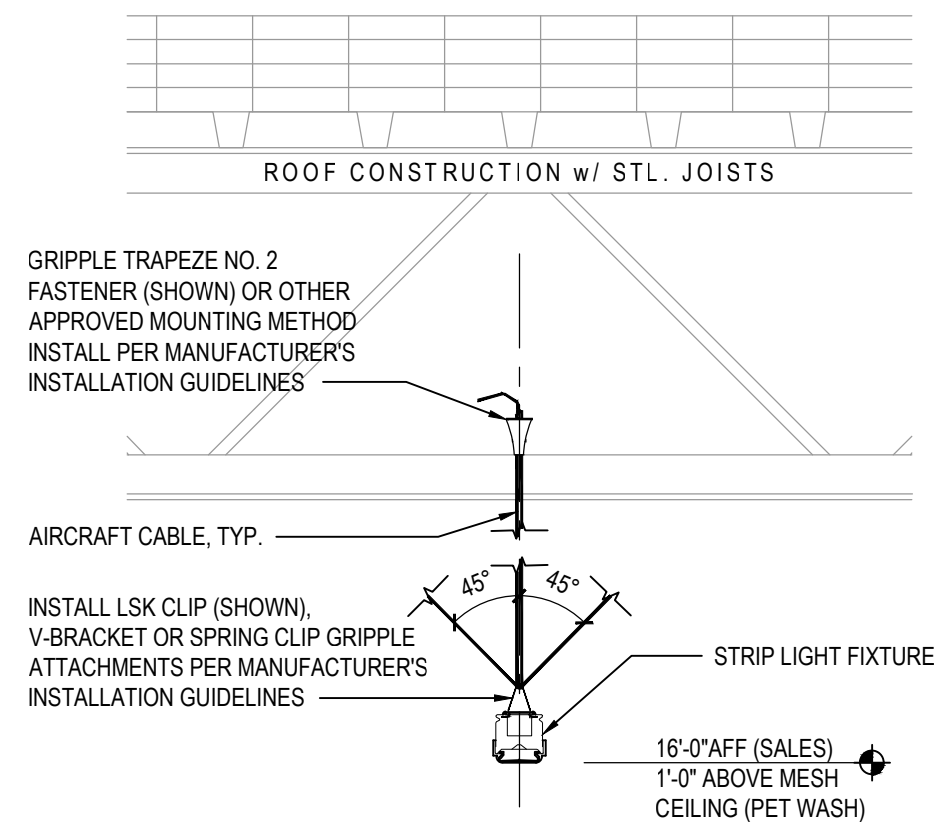
ate	Issue
-6-24	PERMIT

A2.1

RE-FAB FIXTURE DETAILS

8' LED LIGHT FIXTURE INSTALLED
TIGHT TO GARDEN CENTER FRAMING

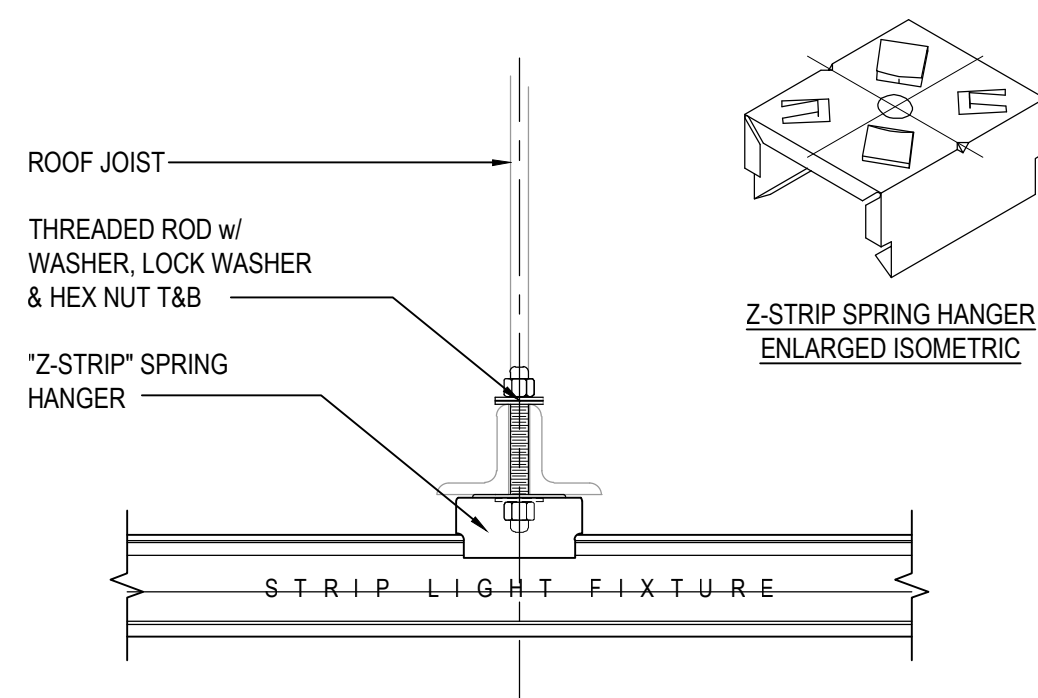
LED PENDANT FIXTURE -
AT PROPANE ENCLOSURE



NOTES:

- NOTES:
- A. PROVIDE ONE VERTICAL SUPPORT AND ONE SET OF DIAGONAL SUPPORTS LOCATED 6" 12" FROM EACH END OF THE FIXTURE.
 - B. FIXTURE SHALL HAVE A MINIMUM OF (2) SUPPORTS WITH EACH SUPPORT LOCATED 6" FROM THE END OF THE FIXTURE.
 - C. CHAIN-HUNG FIXTURES ARE NOT ACCEPTABLE.
 - D. NON-SUSPENDED OR FIXTURES MOUNTED DIRECTLY TO THE BOTTOM OF THE SUPPORTING STRUCTURE DO NOT REQUIRE DIAGONAL SUPPORT.

2	SUSPENDED LIGHT FIXTURE ATTACHMENT
	N.T.S.



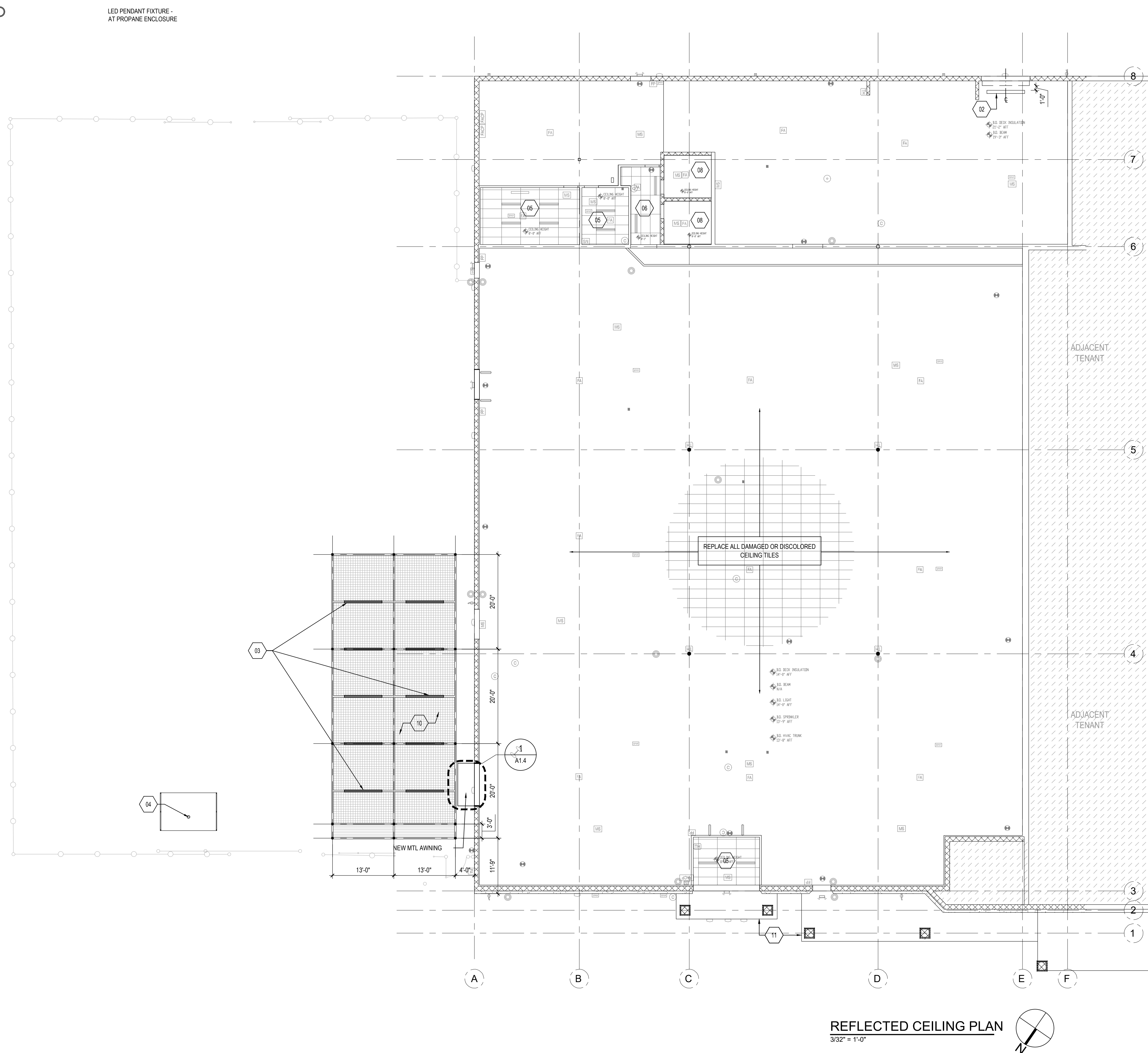
NOTES:

- NOTES:**
- A. SECURE PER LIGHT MANUFACTURER'S INSTALLATION GUIDELINES.
 - B. FOR CONTINUOUS ROW MOUNTING, INSTALL END PLATE COUPLER PER LIGHT MANUFACTURER'S INSTALLATION GUIDELINES.

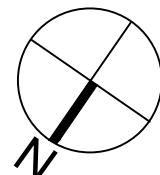
1	DIRECT ATTACHED LIGHT FIXTURE ATTACHMENT
	N.T.S.

- A. HIGH DUST WALLS & CEILING. CLEAN DIFFUSERS & REGISTERS. CLEAN DEBRIS FROM LIGHT COVERS. RE-TUCK/REPAIR ANY EXPOSED INSULATION.
- B. ENSURE ALL INTERIOR & EXTERIOR LIGHTING FIXTURES ARE OPERATIONAL. REPLACE DAMAGED OR NON-OPERATIONAL LAMPS OR FIXTURES AS NEEDED.
- C. ENSURE CONDUIT IS NOT IN CONFLICT W/ CLOTHING WALL GRAPHICS.
- D. ENSURE NEW HUB TV IS NOT IN CONFLICT W/ EXISTING LIGHTING.
- E. ENSURE ALL CEILING TILES ARE SITTING FLUSH & GRID IS FREE OF DAMAGE & PAINT. INSTALL HOLD DOWN CLIPS AS NEEDED.
- F. REFER TO ELECTRICAL DRAWINGS FOR QUANTITY & LOCATIONS OF NEW POWER DROPS.
- G. ENSURE AT TIME OF REMODEL ROOF, GUTTER, DRAINS, AND FLASHING ARE OPERATIONAL AND FREE OF ACTIVE LEAKS.

1.	NOT USED.	6.	REPLACE DAMAGED & MISSING CEILING TILES. REPLACE ALL LIGHT COVERS.
2.	INSTALL 8" LONG, 6" DIA PVC PIPE, SUSPENDED BY CHAIN 1" BELOW TOP OF OH DOOR OPNG. PAINT YELLOW & STENCIL " <u>MAX LOAD HT</u> ".	7.	NOT USED.
3.	MOUNT ALL LIGHTING FIXTURE TIGHT TO FRAMING.	8.	PAINT SOLID CEILING.
4.	PENDANT LED LIGHT FIXTURE MOUNTED FROM 1" CONDUIT ATTACHED TO SKID / DISPENSING ENCLOSURE.	9.	NOT USED.
5.	REPLACE ALL CEILING TILES & LIGHT COVERS.	10.	MANUALLY RETRACTABLE SUNSHADE FABRIC.
		11.	PRESSURE WASH & PAINT UNDERNEATH SIDE OF CANOPY. ENSURE ALL CANOPY LIGHTS ARE OPERATIONAL.



REFLECTED CEILING PLAN



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8225
 D.
 CRISPIL
 12/11/2024
 8225
 REGISTERED ARCHITECT

Name MICHAEL D. CRISPIL
 License 8225
 Expiration 12/31/2025

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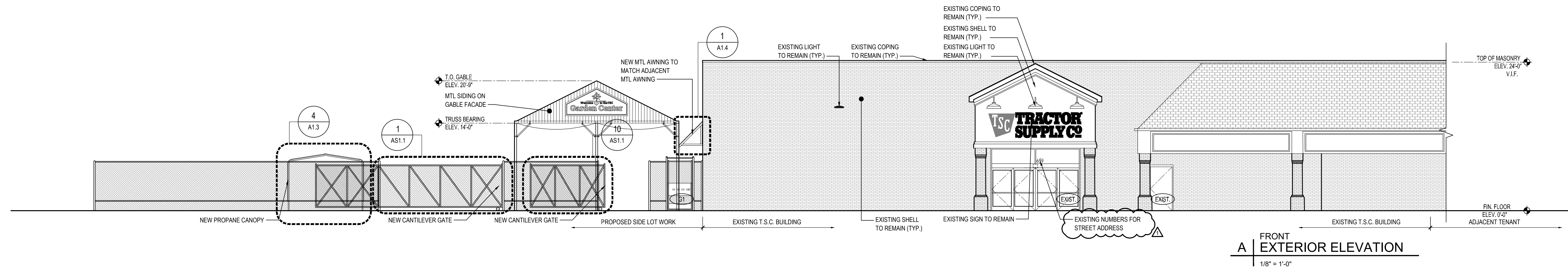

**TRACTOR
SUPPLY CO.**

FUSION / SIDELOT
COMBO PROJECT
STORE #1866
6569 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

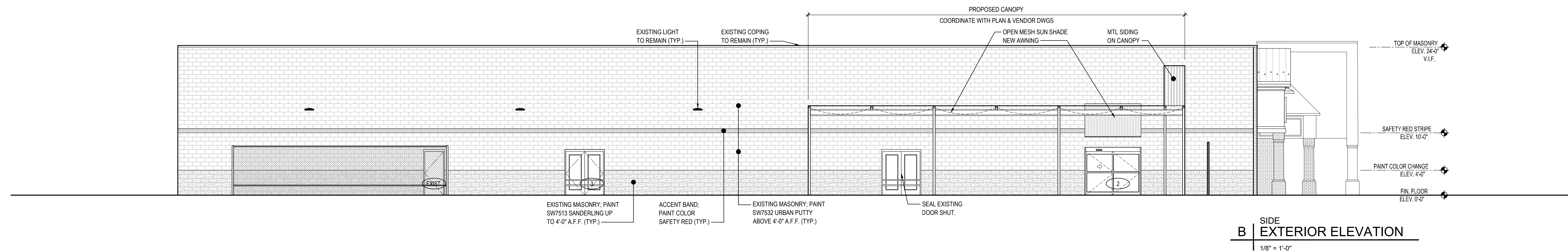
Project No.:	24.0518
Drawn By:	JM
Date	Issue
12-6-24	PERMIT

A3.0

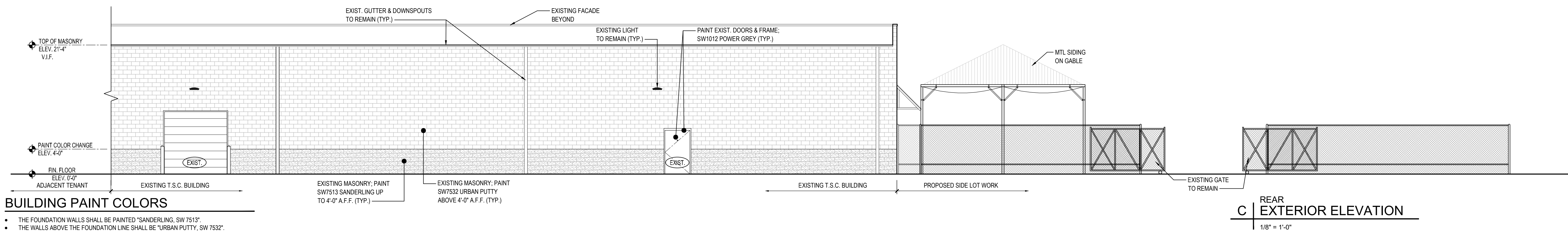
REFLECTED CEILING PLAN



A FRONT
EXTERIOR ELEVATION
1/8" = 1'-0"



B SIDE
EXTERIOR ELEVATION
1/8" = 1'-0"



C REAR
EXTERIOR ELEVATION
1/8" = 1'-0"

BUILDING PAINT COLORS

- THE FOUNDATION WALLS SHALL BE PAINTED "SANDERLING, SW 7513".
- THE WALLS ABOVE THE FOUNDATION LINE SHALL BE "URBAN PUTTY, SW 7532".
- THE BUILDING TRIM COLORS SHALL BE FIRESTONE "ALMOND SR" OR BERRIDGE "ALMOND".

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STRUCTURAL GENERAL NOTES

Governing Code: Ohio Buidlgn Code 2017, 2015 IBC

Building Risk Category (IBC Table 1604.5) Category II

SNOW LOADS		WIND LOADS		SEISMIC LOADS		LIVE LOADS	
Roof per ASCE 7		Vul	115mph	Roof		Roof	20 psf
Is = 1.0		Vasd	90mph	Ss = 0.113		Public Areas	100 psf
Ct = 1.0		Exposure	B	S1 = 0.059			
Ce = 1.0		GCo	±0.18	Site Class	D assumed		
Pg = 20 psf		Ult. Component Pressure(psf)		Sds = 0.120			
PI = 14 psf		Roof 1	+16.0 -37.9	Sd1 = 0.085			
Rain on Snow N/A		Roof 2	+16.0 -50.0	Design Category	B		
		Roof 3	+16.0 -66.1	Basic Seismic-Force-Resisting System:			
		Wall 4	+23.8 -25.8	Existing Ordinary Plain Masonry Shear Walls			
		Wall 5	+23.8 -31.9	Design Base Shear: N/A			
		Pressures shown are for		Cs = N/A R = N/A			
		10 sf effective wind area.		Analysis Procedure: Increase in W <10%			

GENERAL:

- The structure is designed to be self-supporting and stable after the building is completed and materials have attained their design strengths. It is the sole responsibility of the contractor to determine erection procedure and sequence to insure the safety of construction personnel, property, and component parts during all phases of construction. This responsibility includes the use of whatever shoring, temporary bracing, etc. that may be necessary.
 - Contractor shall engage a Ohio licensed engineer to provide shoring design calculations and installation drawings according to ASCE 37-14. Submit calculations and installation drawing to structural engineer of record for review prior to shoring installation.
- The contractor shall perform all construction for the project in a manner and sequence that are based on accepted industry standards that recognize the interaction of the components that comprise the structure, without causing distress, unanticipated movements or irregular load paths as a result of the construction means and methods employed.
 - Contractor shall engage a Ohio licensed engineer to provide shoring design calculations and installation drawings according to ASCE 37-14. Submit calculations and installation drawing to structural engineer of record for review prior to shoring installation.
- Details labeled "typical details" on drawings apply to situations occurring on the project that are the same or similar to those specifically detailed. Such details apply whether or not details are referenced at each location. Notify engineer of conflicts regarding applicability of "typical details".
- Work these drawings with architectural, mechanical, plumbing and electrical drawings.
- Do not scale drawings.
- Contractors shall familiarize themselves with all proprietary products shown on the drawings. Such products shall be installed per the manufacturer's printed instructions unless shown otherwise in the details.
- Prior to start of construction, contractor shall verify all existing construction, elevations and conditions. Any conditions discovered to be in variance with design documents shall be brought to the attention of the Architect immediately.
- Contractor is responsible for protecting all existing construction to remain. Any damage caused by the Contractor shall be repaired or replaced to the satisfaction of the Owner and Architect at no cost to the Owner.
- Existing Structural Members: Size and configuration of existing structural members shown on these drawings are based on field observation only. All dimensions and sizes are to be verified in field.
- Construction loads shall not exceed the design live load referenced in these documents. Any loads exceeding the design live load will require additional shoring and is solely the responsibility of the contractor.
- All structural building code requirements, standards, and specifications referenced are for the year referenced in the governing building code noted.
- Any discrepancies occurring between the structural and architectural drawings shall be brought to the AOR and EORs attention immediately for coordination.
- Shop drawings and other submittals:
 - Submittals shall be checked and coordinated with other materials and trades by the general contractor and shall bear the contractor's review stamp with the checker's initials and date prior to being submitted to the architect for approval.
 - General contractor's schedule shall allow for a minimum of 10 work days for engineer's review and return of all submittals unless noted otherwise.
 - Where dimensions or elevations of existing construction could affect the new construction, it is the contractor's responsibility to make field measurements for incorporation in the shop drawings.

CAST-IN-PLACE CONCRETE:

- All concrete work is to be in accordance with ACI 301, Specifications for Concrete Construction, and ACI 302, 305 and 306 for the referenced year in the building code listed, unless noted otherwise.
- All detailing, fabrication and placing of reinforcing bars shall conform to ACI 318, "Building Code Requirements for Structural Concrete", ACI 117, and the latest ACI detailing manual, unless noted otherwise.
- Reinforcing Steel:
 - Weld setting of reinforcement is not permitted.
 - Deformed (reinforcing) bars shall conform to ASTM A615, Grade 60. No tack welding of bars is permitted.
 - Deformed bars anchors (DBA) shall conform to ASTM A1064, 70ksi yield strength.
 - Welded wire fabric shall conform to ASTM A1064. Use mats only.
 - Welded wire fabric in slab on grade shall be supported by "Mesh-Ups" as manufactured by Lotal, Inc. or approved equal. Use one 2 inch mesh up per 3 square feet.
 - Bars for welding to structural steel shall conform to ASTM A706.
 - Epoxy-coated reinforcing bars shall conform to ASTM A934 for use in frost slabs. Multiply lap length shown in Class B Lap Length Schedule below by 1.5 for epoxy coated bars
 - Reinforcement lap length shall be the following unless otherwise noted.

Class B Lap Length Schedule			
Concrete Strength	#6 and Smaller Bars	#7 and Larger Bars	
3000 psi	58 Bar Diameters	72 Bar Diameters	
4000 psi	50 Bar Diameters	62 Bar Diameters	

- Horizontal top bar splice lengths located in slabs, beams, and grade beams deeper than 12" shall multiply lap length by 1.3.
- Mechanical splice may be used in lieu of bar lap lengths provided the mechanical coupler develops 125 percent of the bar yield strength. No other type of mechanical splice will be accepted.
- When lapping two different bar sizes, use the lap dimension of the smaller bar.
- Provide all accessories necessary to support reinforcement per CRSI recommendations.

Concrete Clear Cover Schedule			
Concrete Exposure	Member	Reinforcement	Specified Cover
Cast against and permanently in contact with ground	All	All	3"
Exposed to weather or in contact with ground	All	#5 bars, W31 or D31 wire and smaller	1 1/2"
		#6-#18 bars	2"
	Slabs, joists, and walls	#11 bars and smaller	3/4"
		#14 & #18 bars	1 1/2"
Not exposed to weather or in contact with ground	Beams, columns, pedestals, and tension ties	Primary reinforcement, stirrups, ties, spirals and hoops	1 1/2"

Concrete Type Schedule					
Application of Concrete	Minimum cementitious content (lb/cu. yd)	Maximum water/cement ratio (by weight)	Specified 28-day compressive strength (psi)	Specified slump range for placement with W.R. (inches)	Specified air content (% by volume)
Interior Slabs	564	0.48	4000	3-5	0-3 Entrapped
Exterior Slabs	564	0.48	4000	5-6	6 ±1.5

Notes:

- All cement shall be Type I or Type III Portland Cement per ASTM C150. Types IA and IP are not acceptable. Use one brand of cement throughout the project.
- Measure, batch, mix and deliver concrete according to ASTM C94/C94M and provide batch ticket information. All water must be added at the batch plant, the additional of water to the mix at the project site is not permitted.
- Admixtures:
 - Use high range water reducer (HRWR) for all slabs on grade and slabs on metal form.
 - Use an approved air entraining agent for all concrete exposed to weather or vehicular traffic. The use of calcium chloride or admixtures containing chlorides is prohibited.
 - Use an approved water reducing agent or high range water reducer for all concrete except footings.
 - Fly ash: A maximum of 15% by weight of the total cementitious material may consist of Type F flyash conforming to ASTM C618. This amount shall be used in calculating the water-cement ratio. Contractor's schedule shall account for longer curing times required.
 - Slag cement is not permitted
 - Cure all slabs using a moisture retaining cover or wet cure procedures.
- Concrete mixes shall be proportioned in accordance with ACI 301.
- Corrugated cardboard void form shall be Box Voids manufactured by Deslauriers, Inc. or SlabVoid® by VoidForm Products.
- Plastic contraction joint former shall be SureJoint by SureVoid Products. They shall be used in slabs receiving floor coverings.
- Submittals:
 - Submit ASTM C39 compressive strength test results for a minimum of four (4) samples of each proposed mix indicating 7 and 28 day compressive strength (psi).
 - Submit data for proprietary material and items including admixtures, curing compound, inserts etc.
 - Submit shop drawing of reinforcement, show bar schedules and diagrams together with placement drawings. Comply with ACI 315.
 - Submit proposed concrete mix design including data on aggregates and cement. Submittals that omit intended Location of proposed concrete mix will be rejected without review. Submittals shall include field strength test record data for specified mixes per ACI 318, Chapter 5 and ACI 301, Section 4.2.3.4.

Slab Schedule		
Location	Thickness & Reinforcing	Base
Interior	4" concrete slab on grade w/ 6x6-W2.1W2.1 WWF	10mil. vapor barrier on 4" compacted gravel
Sidewalk	4" concrete slab on grade w/ 6x6-W2.1W2.1 WWF	4" crushed stone
Propane Pad	6" concrete slab on grade w/ #4 @ 12" o.c. E.W.	6" compacted layer of #8 crushed stone

- MASONRY:
- The masonry elements of this building are designed in accordance with "Building Code Requirements for Masonry Structures" TMS 402. Materials and construction methods shall be as specified in "Specifications for Masonry Structures" TMS 602.
 - All testing and inspection shall be done by an independent testing laboratory.
 - Load bearing concrete masonry units shall conform to ASTM C90, f'm = 2000 psi determined by the unit strength method or prism test method.
 - Brick per ASTM C216, Grade SW, Type FBS, 3,000 psi minimum strength.
 - Mortar for all structural masonry per ASTM C270, Type S, 2,800 psi cube strength.
 - Grout per ASTM C476, 3000 psi minimum 18-day compressive strength, coarse grout 3/8" maximum aggregate or ready mix concrete with 3/8" maximum aggregate. Slump to be 9" ± 1".
 - Reinforcement:
 - Wire for horizontal joint reinforcement per ASTM A82 ladder type, 9 gauge (W1.7), galvanized after fabrication.
 - Spaced 16" o.c. vertically
 - Spaced 8" o.c. vertically in parapets
 - Lap splices in horizontal joint reinforcement 7" minimum
 - Reinforcing bars per ASTM A615, Grade 60, lap splices 48 bar diameters minimum for #3-#5 bars and 64 bar diameters minimum for #6-#8 bars. Grout bars solid into walls.
 - Bars shall be centered in cells unless noted otherwise. Use bar positioners for placement of vertical reinforcing bars per TMS 402, section 6.1.3.
 - Reinforcing shall be placed prior to grouting.
 - All reinforced cells shall be filled solid with consolidated grout. Place grout with pour height not exceeding 5ft. Consolidate each pour by mechanical vibration.
 - Provide 16" of solid masonry under wall bearing beams and 8" of solid masonry under wall bearing slabs and lintels unless otherwise noted on the drawings.
 - All corners to be tied by masonry bond.
 - The collar joint in multi-wythe walls below grade shall be fully grouted.
 - All CMU shall be temporarily braced during construction in accordance with the governing building code for lateral design loads until permanent restraints have been installed. Temporary bracing and shoring is the sole responsibility of the contractor.
 - Submittals:
 - Submit data for masonry units, mortar, grout, joint reinforcing and accessories.
 - Submit shop drawings of reinforcement showing wall elevations, bar schedules, diagrams and details as required by TMS 602.

SPECIAL INSPECTIONS:

- The owner shall obtain, in addition to the regular inspections conducted by the department of building safety, special inspection and testing services in accordance with the applicable building code and AHJ and provided by an approved independent testing laboratory per ASTM E329. Reports shall be sent directly to the Owner, Architect, Structural Engineer and Contractor. Concrete test reports shall also be sent to ready mix supplier. These services shall include the following:

Concrete:

During the taking of test specimens and placing of reinforced concrete (except slabs on grade).

Structural Masonry:

During the preparation and taking of any required prisms or test specimens, at the start of laying units, after the placement of reinforcing steel, grout space prior to each grouting operation, and during all grouting operations.

- The special inspector shall be a qualified person who shall demonstrate his/her competence to the satisfaction of the building official for inspection of the particular type of construction or operation requiring special inspection.

- Duties and responsibilities of the special inspector:

Observe the work assigned for conformance to the approved contract documents. The inspector may not alter, modify, enlarge or waive any of the requirements of the contract documents.

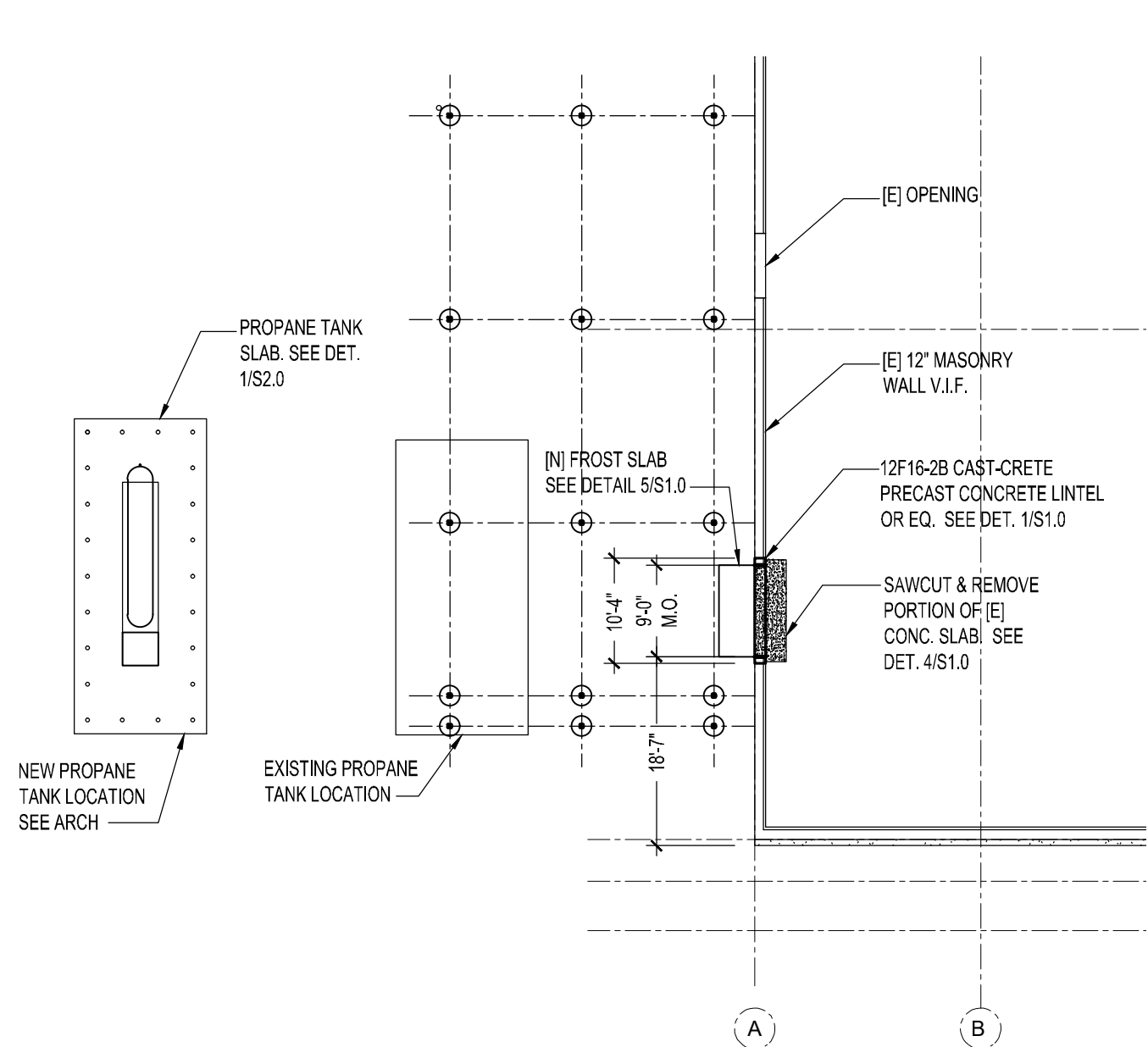
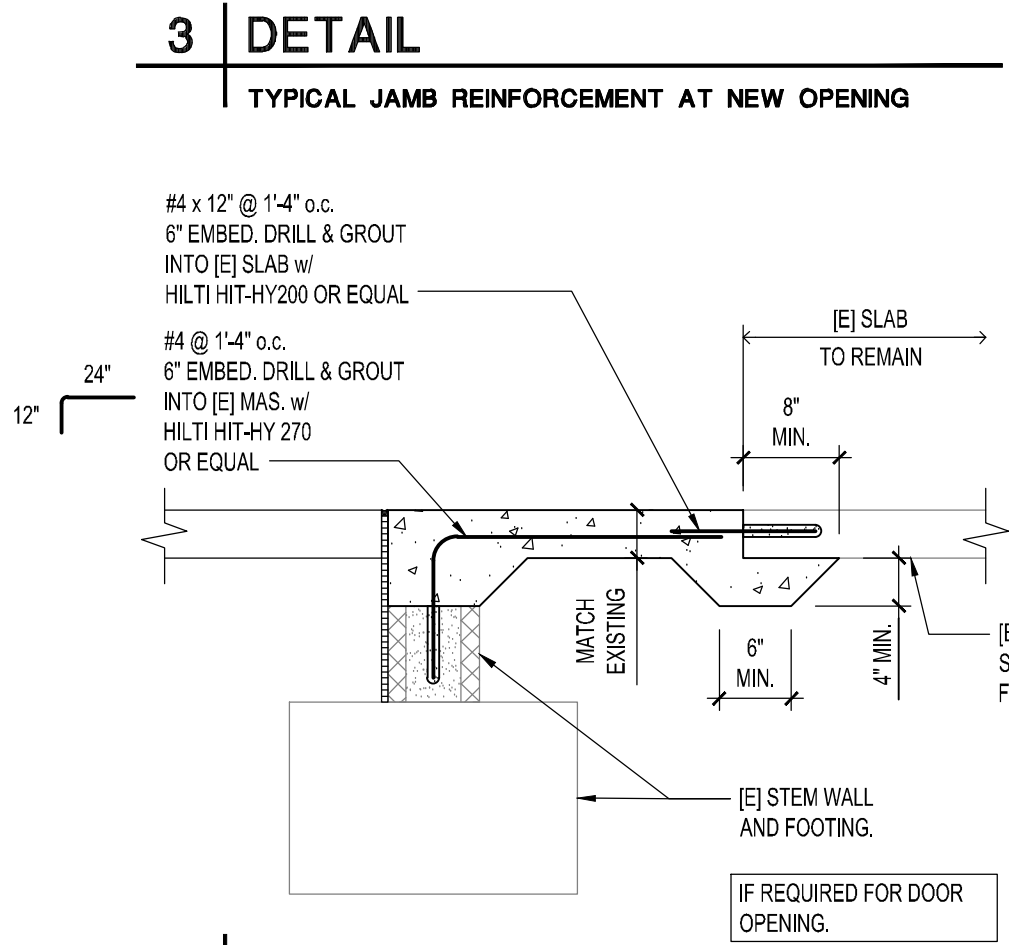
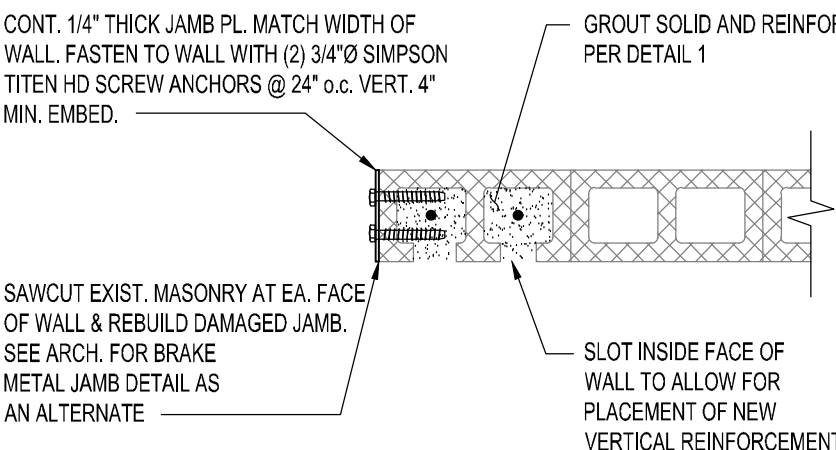
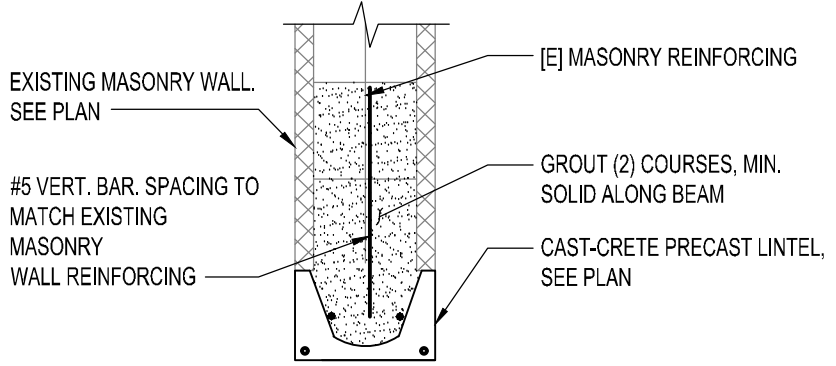
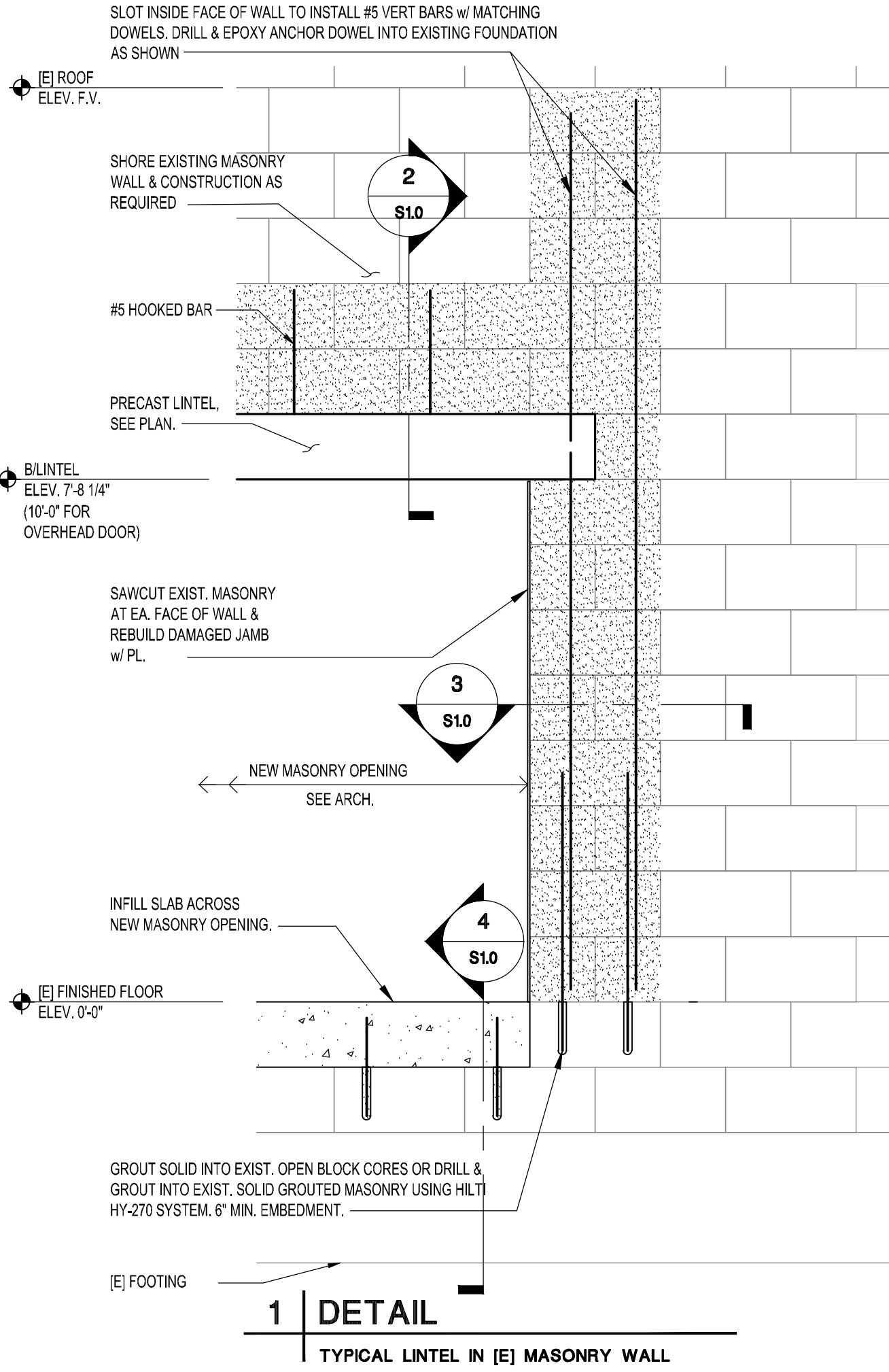
Furnish inspection reports to the owner, the building official, and the design professional of record. All discrepancies shall be brought to the immediate attention of the contractor for correction, then, if uncorrected, submit a complete list of all outstanding discrepancies on a weekly basis to the owner, the building official, and the design professional of record until all corrections have been completed.

Submit a final signed report stating whether the work requiring special inspections was, to the best of the special inspector's knowledge, in conformance with the approved contract documents and the applicable workmanship provisions of the building code.

- Structural Observation (as defined in chapter 17 of the building code) is not required.

- Where special inspection requirements duplicate the requirements of other specified testing, duplicate inspections shall not be required.

VERIFICATION AND INSPECTION TASKS PER IBC 2015			CONTINUOUS INSPECTION	PERIODIC INSPECTION	REFERENCED STANDARD
CONCRETE CONSTRUCTION (SECTION 1705.3 AND TABLE 1705.3)					
MASONRY CONSTRUCTION INSPECTED AND VERIFIED IN ACCORDANCE WITH TMS 402/ACI 530/ASCE 5 AND TMS 602/ACI 530.1/ASCE 6 REQUIREMENTS (IBC SECTION 1705.4)					



STRUCTURAL KEY PLAN

1/16" = 1'-0"

onyx | creative

25001 Emery Road, Suite 400
Cleveland, Ohio 44128
216.223.3200 onyxcreative.com



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FUSION / SIDELOT
COMBO PROJECT
STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.: 24.0518
Drawn By: **YC**
Date: 12-6-24
Issue: PERMIT

S1.0

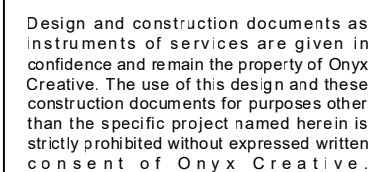
STRUCTURAL PLAN AND NOTES



3 | DETAIL

4 | DETAIL

TYPICAL TURNED DOWN SLAB



FUSION / SIDELOT
COMBO PROJECT

STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No : 24 0518

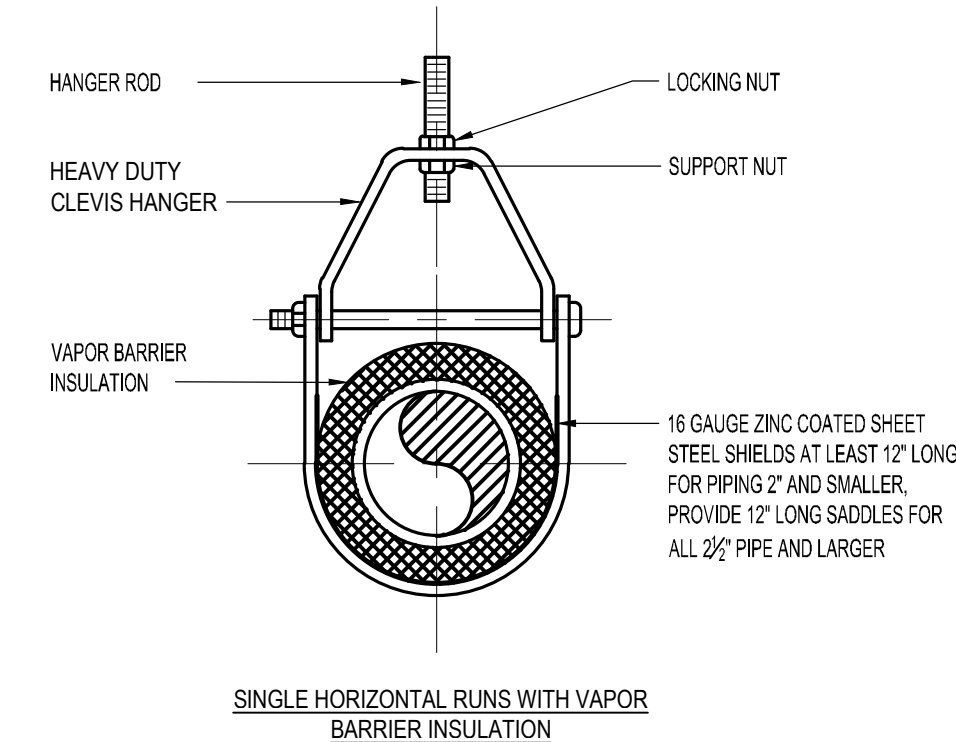
Drawn By: **YC**

Date	Issue
12-6-24	PERMIT

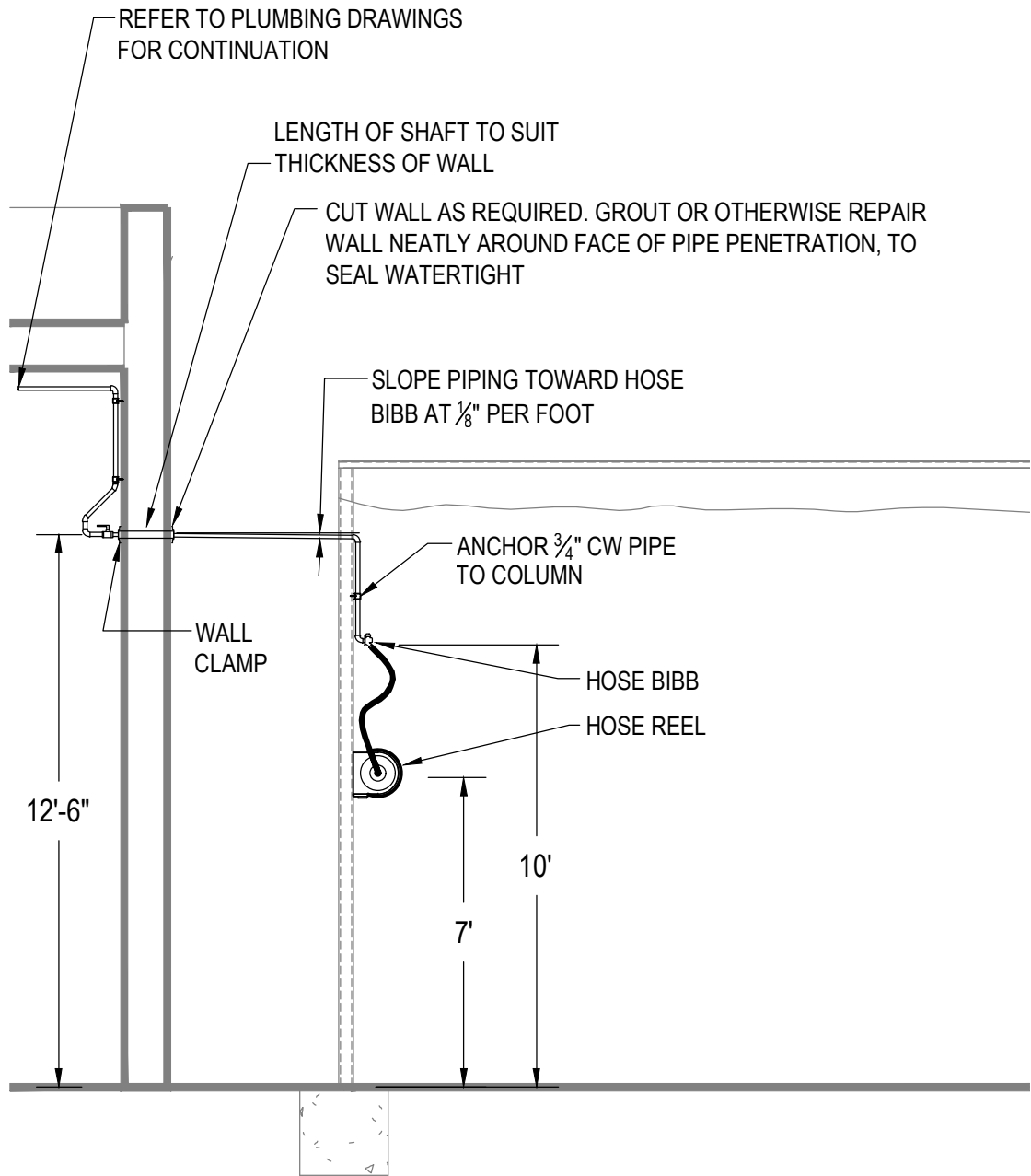
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PROPANE VESSEL PLAN AND DETAILS

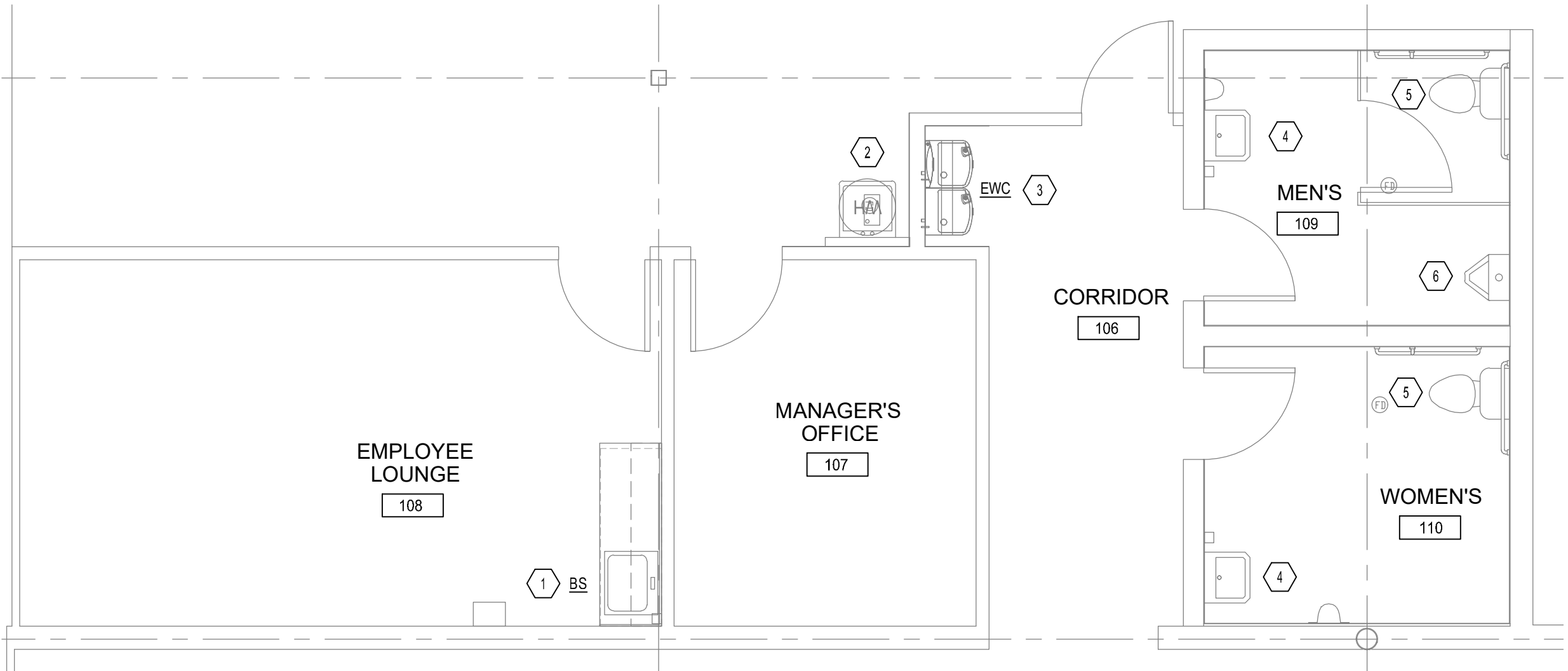
PLUMBING FIXTURE SPECIFICATIONS		
MARK	DESCRIPTION	***SUBMIT SUBSTITUTIONS FOR EQUAL PRODUCTS TO T.S.C. P.M. FOR APPROVAL
BS	BREAKROOM SINK (SINGLE BOWL, S.S., GOOSENECK); BREAKROOM SINK AND FAUCET SHALL BE FURNISHED BY TRACTOR SUPPLY COMPANY & INSTALLED BY CONTRACTOR. PROFLO MODEL PFSR2521553C 21"x15"x5.5" DEEP BOWL 20 GA. STAINLESS STEEL, SELF RIM, AND REAR DECK FAUCET (1.8 GPM) MOUNTING WITH 3 HOLES. COMPLETE WITH PROFLO MODEL PFXC1414MCP LS FAUCET WITH GOOSENECK SPOUT AND METAL LEVER HANDLE, POLISHED CHROME FINISH MCGUIRE 8912 P-TRAP, AND TWO MCGUIRE 2165-CC SUPPLIES WITH STOPS. PROVIDE A TRUEBRO INC., HAND-LAV-GUARD INSULATION KIT MODEL 102W WITH ACCESSORY 105W. MOUNT FIXTURE WITH FLOOD RIM MAX. 34" AFF.	
WC	WATER CLOSET (ACCESSIBLE, FLOOR MTD., PRESSURE ASSISTED FLUSH TANK); KOHLER HIGHLINE K-3519, 12" ROUGH-IN, 1.0 GPF, WITH SLOAN FLUSHMATE PRESSURE ASSIST. LOW CONSUMPTION, VITREOUS CHINA, 17-1/8" HIGH, ELONGATED BOWL, FLUSH TANK WATER CLOSET WITH RIGHT HAND TRIP LEVER. PROVIDE KOHLER K-4666-C-O ELONGATED, OPEN-FRONT TOILET SEAT, K-5420 BOLT CAPS. FOR LEFT HAND TRIP LEVER PROVIDE W/ ALTERNATE TANK CONFIGURATION MODEL K-3519-LH. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING CORRECT TANK SELECTION W/ LATEST ARCHITECTURAL DRAWINGS TO ACCOMMODATE ADA ACCESSIBILITY PRIOR TO ORDERING.	
EWC	ELECTRIC WATER COOLER / BOTTLE FILLER (ACCESSIBLE, MOTION SENSOR, DUAL-HEIGHT); MURDOCK MODEL A172108F-UG-BF12 WITH INFRARED SENSOR CONTROLS AND WALL MOUNTING BRACKET, 8 GPH, 115/160. MOUNT HIGH UNIT AT 42" MAXIMUM FROM FLOOR TO SPOUT OUTLET AND LOW UNIT AT 36" MAXIMUM FROM FLOOR TO SPOUT OUTLET. PROVIDE MCGUIRE 8912 P-TRAP AND MCGUIRE 165-CC SUPPLY WITH STOP. COORDINATE WITH ELECTRICAL CONTRACTOR TO LOCATE RECEPTACLE BEHIND WATER COOLER CABINET.	
HB	HOSE BIBB: WOODFORD MODEL 24, 3/4", ANTI-SIPHON WITH NIDEL MODEL 34HF VACUUM BREAKER.	
HB2	HOSE BIBB (NON-FREEZE, KEYED HANDLE); WOODFORD MODEL 65, 3/4", AUTOMATIC DRAINING BRASS FINISH, NIDEL MODEL 34HA VACUUM BREAKER, PROVIDE LOOSE TEE KEY.	
HR	HOSE REEL: REEL CRAFT MODEL GCD83050 OLP. MOUNT FROM STRUCTURE. COORDINATE EXACT LOCATION WITH LATEST TSC FIXTURE PLAN AND TSC PM.	



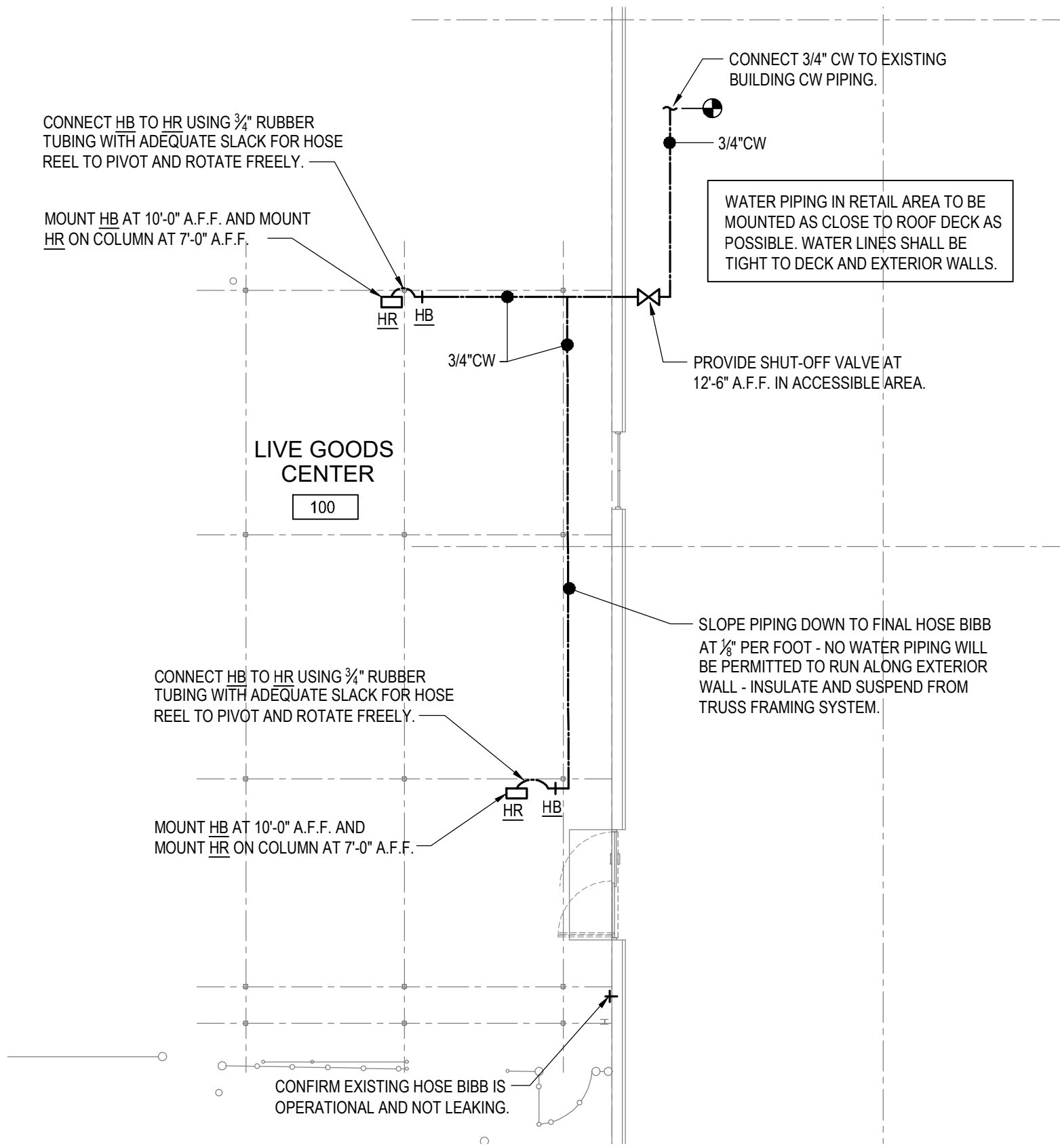
1 | CLEVIS HANGER DETAIL
N.T.S.



2 | GARDEN CENTER HOSE REEL SERVICE PIPING DETAIL
N.T.S.



ENLARGED PLUMBING PLAN
SCALE: 1/4" = 1'-0"



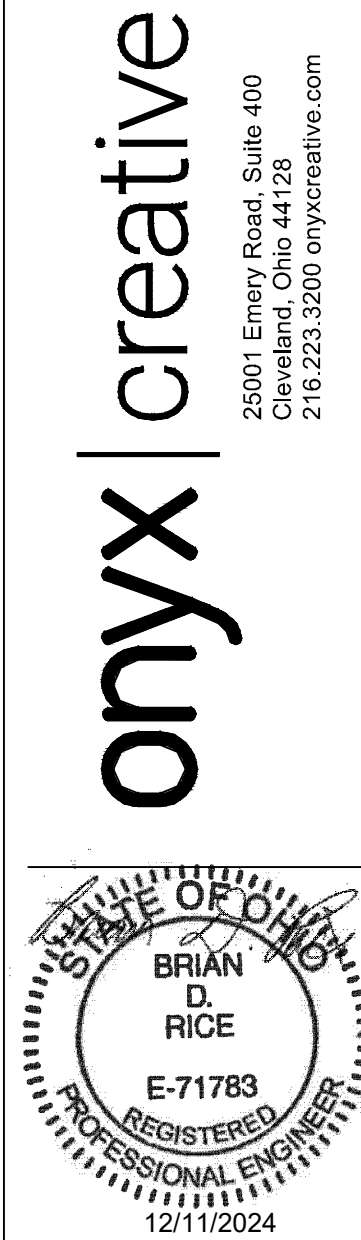
PLUMBING PLAN
SCALE: 3/32" = 1'-0"

KEYNOTE SCHEDULE

- REPLACE EXISTING BREAKROOM SINK. SINK TO BE PROVIDED BY TRACTOR SUPPLY COMPANY. RECONNECT WASTE, VENT, SINK AND WATER TO EXISTING LINES AS REQUIRED FOR A COMPLETE AND OPERABLE INSTALLATION.
- CAPACITY TEST EXISTING MOP SINK. BID AS ALTERNATE TO REPLACE WITH NEW "LIKE FOR LIKE" UNIT IF BASIN AND/OR FAUCET ARE FOUND LEAKING.
- EXISTING PLUMBING FIXTURE TO BE REPLACED PER PLUMBING FIXTURE SCHEDULE. USE EXISTING UTILITIES WITHIN WALLS AND FLOOR TO RE-CONNECT AT MODIFIED LOCATIONS. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS OF EXISTING UTILITY CONNECTIONS BEFORE CONSTRUCTION.
- EXISTING LAVATORY TO BE REUSED. CLEAN WALL MOUNTED SINK(S) AND RE-CAULK TO WALL. ENSURE CAULK IS CLEAN/SMOOTH TRANSITION FROM SINK TO WALL. CLEAN EXISTING HARDWARE. HARDWARE INCLUDES: ESCUTCHEON TRIM RING, VALVE, AND SUPPLY LINE. IF HARDWARE WILL NOT COME CLEAN BID AS ALTERNATE TO REPLACE. REPLACE ADA WRAPS.
- EXISTING WATER CLOSET TO BE REUSED. CLEAN WATER CLOSET AND RE-CAULK TO FLOOR. REPLACE THE SEAT. IF HARDWARE WILL NOT COME CLEAN PER TSC PM. BID AS ALTERNATE TO FURNISH AND INSTALL NEW HARDWARE INCLUDING ESCUTCHEON TRIM RING, VALVE, AND SUPPLY LINE.
- EXISTING URINAL TO BE REUSED. ENSURE CAULK IS CLEAN/SMOOTH TRANSITION FROM URINAL WALL. IF HARDWARE WILL NOT COME CLEAN PER TSC PM, FURNISH AND INSTALL NEW HARDWARE INCLUDING ESCUTCHEON TRIM RING, VALVE, AND SUPPLY LINE. RETROFIT EXISTING FLUSHVALVE WITH ZURN MODEL ZERK-CPM MOTION SENSOR.

PLUMBING GENERAL NOTES:

- PLUMBING CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATIONS AND SIZES OF ALL UTILITIES, INCLUDING THE DEPTHS OF ALL BELOW GRADE SANITARY SEWERS, PRIOR TO START OF WORK. THIS DRAWING IS NOT INTENDED TO INDICATE ALL EXISTING UTILITIES.
- CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING BID AND FIELD VERIFY EXISTING CONDITIONS TO ENSURE THAT THE WORK REPRESENTED ON THE DRAWINGS AND IN THESE SPECIFICATIONS CAN BE INSTALLED AS INDICATED. CONTRACTOR SHALL TAKE ALL INTERFERENCES INTO CONSIDERATION. IDENTIFY POTENTIAL INTERFERENCES WITH NEW WORK AND REPORT TO ARCHITECT IMMEDIATELY. PROVIDE ALL NECESSARY OFFSETS TO SUIT FIELD CONDITIONS AS REQUIRED.
- CONTRACTOR SHALL VERIFY AND COORDINATE ALL UTILITY CONNECTION POINTS, INCLUDING SIZES AND INVERTS WITH EXISTING FIELD CONDITION PRIOR TO START OF WORK.
- MAKE ALL UTILITY CONNECTIONS AND INSTALLATIONS IN FULL ACCORDANCE WITH ALL UTILITY REGULATIONS. PROVIDE ALL ADDITIONAL APPURTENANCES AS REQUIRED BY UTILITY COMPANY. THE COMPLETED INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE INDUSTRY STANDARDS OF GOOD PRACTICE AND SAFETY, AND THE MANUFACTURER'S STRICTEST RECOMMENDATIONS FOR EQUIPMENT AND PRODUCT APPLICATION AND INSTALLATION.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS RELATED TO THE INSTALLATION OF THE WORK.
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES, LAWS, ACTS AND ALL AUTHORITIES HAVING JURISDICTION AND LANDLORD'S CRITERIA.
- MAINTAIN ALL MANUFACTURER'S RECOMMENDED SERVICE CLEARANCES FOR ALL FIXTURES AND EQUIPMENT. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF PLUMBING FIXTURES.
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS BEFORE COMMENCING ANY WORK.
- SLEEVE AND SEAL ALL PIPE PENETRATIONS OF WALLS AND FLOORS. APPLY INTUMESCENT FIRE SAFING COMPOUND AT PENETRATIONS OF FIRE-RATED WALLS AND FLOORS, MAINTAINING INTEGRITY AND RATING OF FIRE SEPARATION. SLEEVES THROUGH FLOORS SHALL EXTEND 2" ABOVE FLOOR, BE GROUTED INTO PLACE AND WATERPROOFED. PIPING THROUGH EXTERIOR WALLS SHALL BE SLEEVED AND SEALED WEATHER TIGHT WITH SILICONE CAULK.
- SANITARY WASTE AND VENT PIPE SHALL BE CAST IRON WITH NO-HUB FITTINGS OR SCHEDULE 40 PVC.
- DOMESTIC WATER PIPES SHALL BE TYPE "L" COPPER ABOVE GROUND / SLAB AND TYPE "K" COPPER BELOW GRADE / SLAB. INSTALL DIELECTRIC UNIONS AT CONNECTION TO DISSIMILAR METALS.
- ALL DOMESTIC COLD, HOT AND TEMPERED WATER PIPING TO BE INSULATED WITH RIGID FIBERGLASS INSULATION WITH TYPE 'ASJ' JACKET. COLD WATER PIPES TO HAVE 1/2" THICK INSULATION. DOMESTIC HOT AND TEMPERED WATER PIPES TO HAVE 1" THICK INSULATION.
- WHEN SUBMITTING SHOP DRAWINGS FOR PLUMBING FIXTURES, PLUMBING CONTRACTOR TO PROVIDE SEPARATE WATER CLOSET FIXTURE CUTS SHOWING FLUSH HANDLES ON APPROPRIATE SIDES OF TANK FOR ADA ACCESS.
- PVC PIPING IS NOT ALLOWED TO BE INSTALLED ABOVE GRADE UNLESS PERMITTED BY CODE AND IS NOT ALLOWED TO BE INSTALLED IN RETURN AIR PLENUMS.
- GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL WITH SCREWED OR WELDED FITTINGS AND GASKET TYPE UNIONS AND FLANGES. ALL GAS PIPING INSTALLED OUTDOORS SHALL BE COATED WITH A YELLOW CORROSION RESISTANT PAINT.



Design and construction documents as instruments of services are given in confidence and remain the property of Onyx Creative. The use of this design and these construction documents for purposes other than the specific project named herein is strictly prohibited without expressed written consent of Onyx Creative.



FUSION / SIDE LOT
COMBO PROJECT
STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.: 24.0518
Drawn By: DAM
Date: 12-6-24
Issue: PERMIT

PANEL:										MAIN:			MAIN LUGS ONLY			VOLTAGE:			120/208														
C (EXISTING)										PHASE:			3			WIRE:			4			BUS AMPS:			100			AIC:			EXIST		
MOUNTING:			SURFACE			LOCATION:			STOCKROOM 105			FEED THRU LUGS:			NO			ISOLATED GROUND BUS:			NO												
CKT	NOTE	BKR	LOAD DESCRIPTION			KVA	AØ	BØ	CØ	KVA	LOAD DESCRIPTION			BKR	NOTE	CKT																	
1			SPACE				0.0			0.0	EXISTING METER			3Ø/3		2																	
3			SPACE					0.0		0.0						4																	
5			SPACE						0.0							6																	
7		3Ø/2	EXISTING POLE LIGHTS			0.0	0.0			0.0	EXISTING LOAD			3Ø/2		8																	
9						0.0		0.0		0.0						10																	
11		3Ø/2	EXISTING POLE LIGHTS			0.0			0.0	0.0	EXISTING LOAD			3Ø/2		12																	
13						0.0	0.0			0.0						14																	
15		2Ø/1	EXISTING RECESSED CAN LIGHTS			0.0			0.0	0.0	EXISTING LOAD			3Ø/2		16																	
17		2Ø/1	EXISTING RECESSED CAN LIGHTS			0.0				0.0						18																	
19		2Ø/1	EXISTING RECESSED CAN LIGHTS			0.0	0.8			0.8	LIVE GOODS CENTER LIGHTS/RCPT			2Ø/2	N.LZ1A	20																	
21		2Ø/1	EXISTING WALL LIGHTS			0.0			0.5	0.5	LIVE GOODS CENTER SIGNAGE				N.LZ3	22																	
23		2Ø/1	EXISTING LIGHTING CONTROL			0.0				0.5	AUTOMATIC DOOR			2Ø/1	N	24																	
25		2Ø/2	EXISTING PROPANE			0.0	0.8			0.8	SALES FLOOR AH COOLER			2Ø/1	N	26																	
27						0.0		1.0		1.0	CHICK DAYS POWER REEL			2Ø/1	N	28																	
29	N.LZ1B	2Ø/1	FIXTURE LIGHTING			1.0				2.0	FIXTURE LIGHTING			2Ø/1	N.LZ1B	30																	
31	N.LZ1B	2Ø/1	FIXTURE LIGHTING			1.0	2.0			1.0	FIXTURE LIGHTING			2Ø/1	N.LZ1B	32																	
33	N	2Ø/1	FIXTURE RECEPTACLES			0.6		1.6		1.0	HAND DRYER			2Ø/1	N	34																	
35	N	2Ø/1	SELF CHECKOUT/TV RCPT			0.9			1.9	1.0	HAND DRYER			2Ø/1	N.L	36																	
37		2Ø/1	SPARE			0.0	0.5			0.5	LIGHTING CONTROL PANEL			2Ø/1	N.L	38																	
39		2Ø/1	SPARE			0.0		0.0		0.0	SPARE			2Ø/1		40																	
41		2Ø/1	SPARE			0.0			0.0	0.0	SPARE			2Ø/1		42																	
NOTES:										TOTAL KVA PER PHASE:										NOTES:													
HANDLE LOCK										4.1										ROUT THRU RELAY ZONE #1A (EMPLOYEE)													
GROUND FAULT INTERRUPTING										LZ1A										ROUT THRU RELAY ZONE #2B (CUSTOMER)													
ARC FAULT INTERRUPTING										LZ1B										ROUT THRU RELAY ZONE #3 (EXTERIOR)													
CONTINUOUS DUTY										LZ3										NEW BREAKER CONNECTED TO NEW LOAD - BREAKER													
HACR RATED										N										TO MATCH EXISTING PANEL TYPE AND AIC RATING.													
										TOTAL KVA:										11.6													
										TOTAL AMPS:										32.2													

NOTES:

EC IS TO VERIFY IF THERE ARE ADEQUATE SPARES/SPACES AVAILABLE WITHIN THE EXISTING PANELS FOR THE NEW CIRCUITS REQUIRED.
EC SHALL PROVIDE A NEW SUB-PANEL ONLY IF NECESSARY.

LIGHT FIXTURE SCHEDULE							
MARK	SYMBOL	MANUFACTURER CATALOG NO.	MOUNTING	LAMPS	FIXTURE WATTS	VOLTAGE	DESCRIPTION
G	○	MAXLITE HLAR100UW-50G-D1	PENDANT	9,600 LUMEN LED 5000K	100	UNIV.	CLASS 1 DIV. 1 PROPANE STATION LTG. AMBIENT OPERATING TEMP. -40°C - 60°C.
Y	—	METALUX 8VT2-LD5-9-DR-UNV-L850-CD1-WL-U	SURFACE	9000 LUMEN LED 5000K	66	UNIV.	8' LED STRIP WITH LENS AND GASKET
YE	—	METALUX 8VT2-LD5-9-DR-UNV-EL10W-CD1-WL-U	SURFACE	9000 LUMEN LED 5000K	66	UNIV.	SAME AS "Y" BUT PROVIDE WITH INTEGRAL EMERGENCY BATTERY
K		LITHONIA DSXW1LED-10C-1000-50K-T3M- MVOLT-BBW-DOBXD	SURFACE	N/A	39	120V	NEW LED WALLPACK IF REQUIRED TO REPLACE EXISTING NON-LED FIXTURES.
X	⊗	EXITRONIX LIGHTING VEX-U-BP-WB-VH	SURFACE	INCL.	-	UNIV.	LED EXIT SIGN
XW	⊗ ⊕	EXITRONIX LIGHTING VEX-WP-1-WB-WH / LL50H-N4-IH	SURFACE	INCL.	-	UNIV.	WEATHERPROOF LED EXIT SIGN AND EMERGENCY LIGHT
NOTES:							
1. EC SHALL ORDER LIGHTING FIXTURES & POWER POLES THROUGH TRACTOR SUPPLY COMPANY'S NATIONAL AGREEMENT WITH VILLA LIGHTING SUPPLY, INC. CONTACT ANNE VOELKER (TRACTORSUPPLY@VILLALIGHTING.COM) AT 314-633-0554 FOR ORDER PLACEMENT.							
2. EC IS NOT RESPONSIBLE FOR PURCHASING LIGHTING FIXTURES & POWER POLES AS VENDOR WILL INVOICE TRACTOR SUPPLY DIRECTLY.							

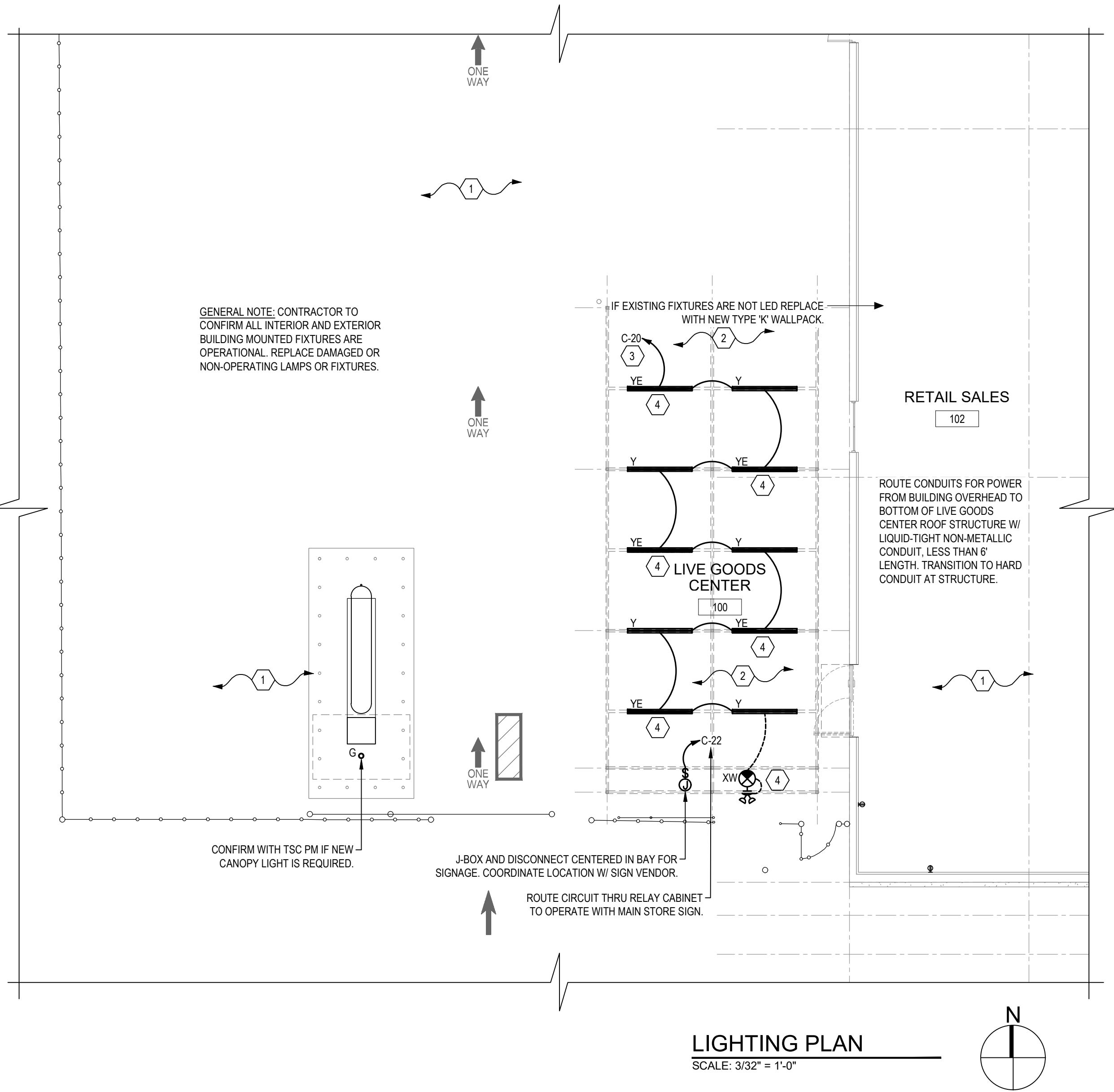
- KEYED NOTE SCHEDULE**
- ENSURE ALL EXISTING SITE POLE AND INTERIOR/EXTERIOR LIGHTING FIXTURES ARE IN GOOD WORKING ORDER. REPAIR AND/OR REPLACE FIXTURES AS NEEDED. BID AS ALTERNATE IF REPAIRS ARE NEEDED.
 - COORDINATE EXACT LOCATION OF ALL LIGHTING FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLAN.
 - PROVIDE (3)#12, #12S, 3#4C TO 20A, 120V LIGHTING CIRCUIT. ROUTE CIRCUIT THROUGH LIGHTING CONTACT/RELAY CABINET TO OPERATE LIGHTING WITH RETAIL SPACE PROVIDE UNSWITCHED HOT FOR EMERGENCY BALLASTS/BATTERY AS NEEDED. PROVIDE ADDITIONAL RELAYS AS NEEDED. COORDINATE EXACT REQUIREMENTS.
 - CIRCUIT EMERGENCY BALLAST/BATTERY BACKUP TO UNSWITCHED CONTINUOUSLY HOT CONDUCTOR OF CIRCUIT INDICATED.

GENERAL NOTES:

- ALL DEVICES, EQUIPMENT, FIXTURES, ETC. MUST BE GROUNDED BY USE OF A PROPERLY SIZED GROUNDING CONDUCTOR. MECHANICAL/ELECTRICAL BONDS OF THE METALLIC RACEWAY SYSTEM SHALL ALSO BE MAINTAINED.
- BRANCH CIRCUIT WIRE SIZES (AND CONDUITS) SHALL BE INCREASED FROM THOSE INDICATED ON THE PLANS TO PREVENT EXCESSIVE VOLTAGE DROP. BRANCH CIRCUITS SHALL BE INSTALLED WITH WIRES OF SUFFICIENT SIZE SO THAT VOLTAGE DROP BETWEEN THE PANEL AND THE LOADS DOES NOT EXCEED A LIMIT OF 3%.
- CIRCUITS MAY BE COMBINED IN CONDUIT PROVIDED WIRE IS PROPERLY DERATED AND CONDUIT SIZED PER CODE. UNDER NO CIRCUMSTANCES SHALL MORE THAN NINE (9) CURRENT CARRYING CONDUCTORS BE RUN IN A SINGLE CONDUIT.
- ALL CONDUITS SHALL CONTAIN A GROUND WIRE SIZED PER NEC TABLE #250-122. WHERE CIRCUIT CONDUCTORS ARE INCREASED IN SIZE FOR VOLTAGE DROP, THE GROUND WIRE SIZE SHALL BE INCREASED PROPORTIONATELY (ACCORDING TO CIRCULAR MIL AREA) FROM THE SIZE REQUIRED BY NEC TABLE #250-122.
- EXPOSED CONDUITS, WHERE PERMITTED, SHALL BE RUN PARALLEL TO OR AT RIGHT ANGLES TO BUILDING STRUCTURAL MEMBERS.
- ALL DEVICE COVER PLATES SHALL BE WHITE UNLESS NOTED OTHERWISE.
- PROVIDE FUNCTIONAL TESTING FOR LIGHTING CONTROLS AND ALL REQUIRED REPORTING AND DOCUMENTATION PER ENERGY CODE REQUIREMENTS.

ERRC COMPLIANCE/TESTING

WHERE REQUIRED BY THE AHJ, CONTRACTOR SHALL ENGAGE AN INDEPENDENT EMERGENCY RESPONDER RADIO COVERAGE (ERRC) TESTING COMPANY TO VERIFY SIGNAL STRENGTH INSIDE OF BUILDING (AFTER COMPLETION OF CONSTRUCTION & PLACEMENT OF MERCHANDISE), INCLUDING ALL CRITICAL REQUIRED AREAS. IF SIGNAL STRENGTH IS NOT ADEQUATE TO THE AHJ STANDARDS, CONTACT AOR FOR ERRC IMPROVEMENT PACKAGE.



TO EXISTING C.T. CABINET, METER AND UTILITY XFMR

EXISTING FEEDER

1 | ONE-LINE DIAGRAM

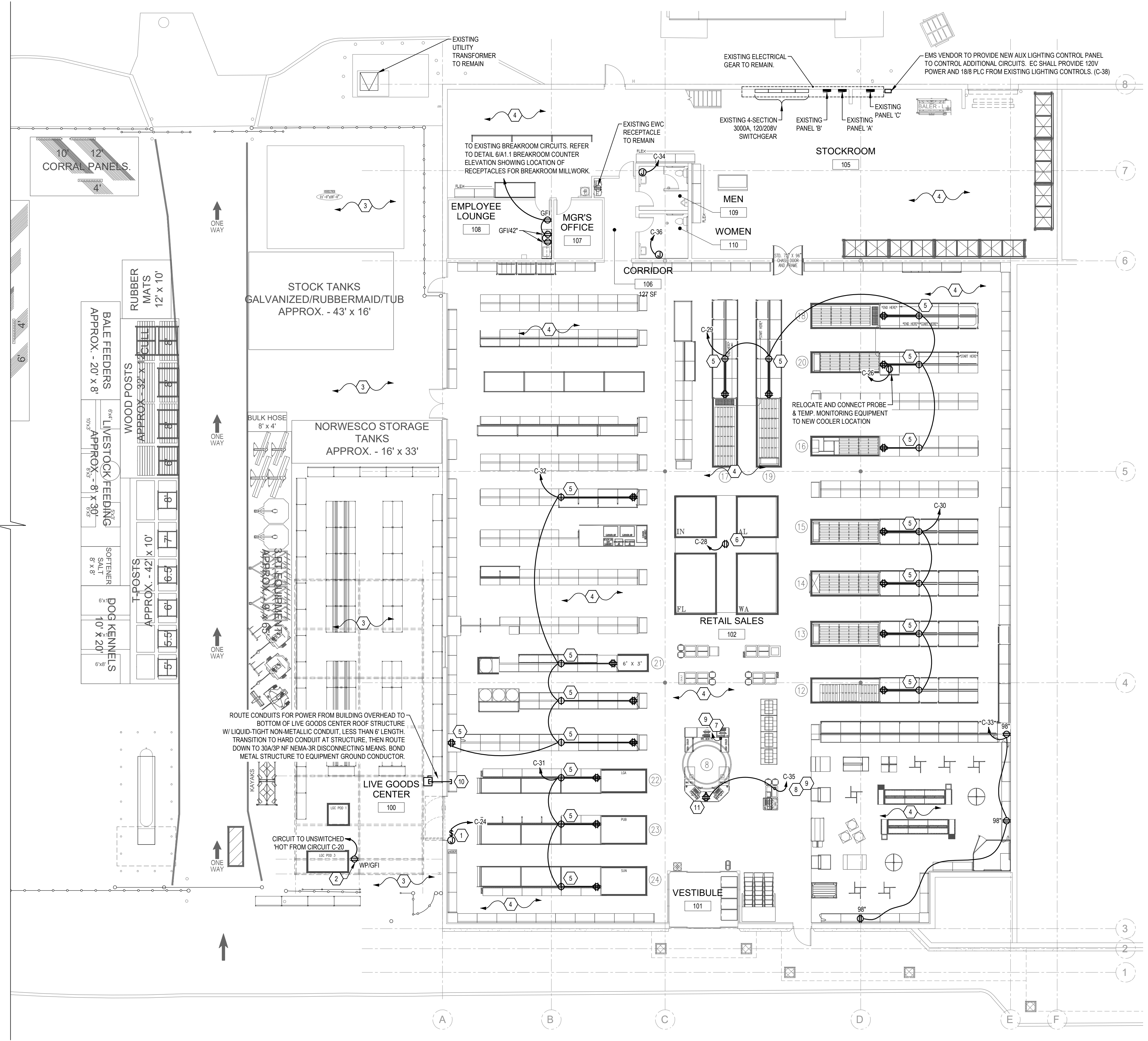
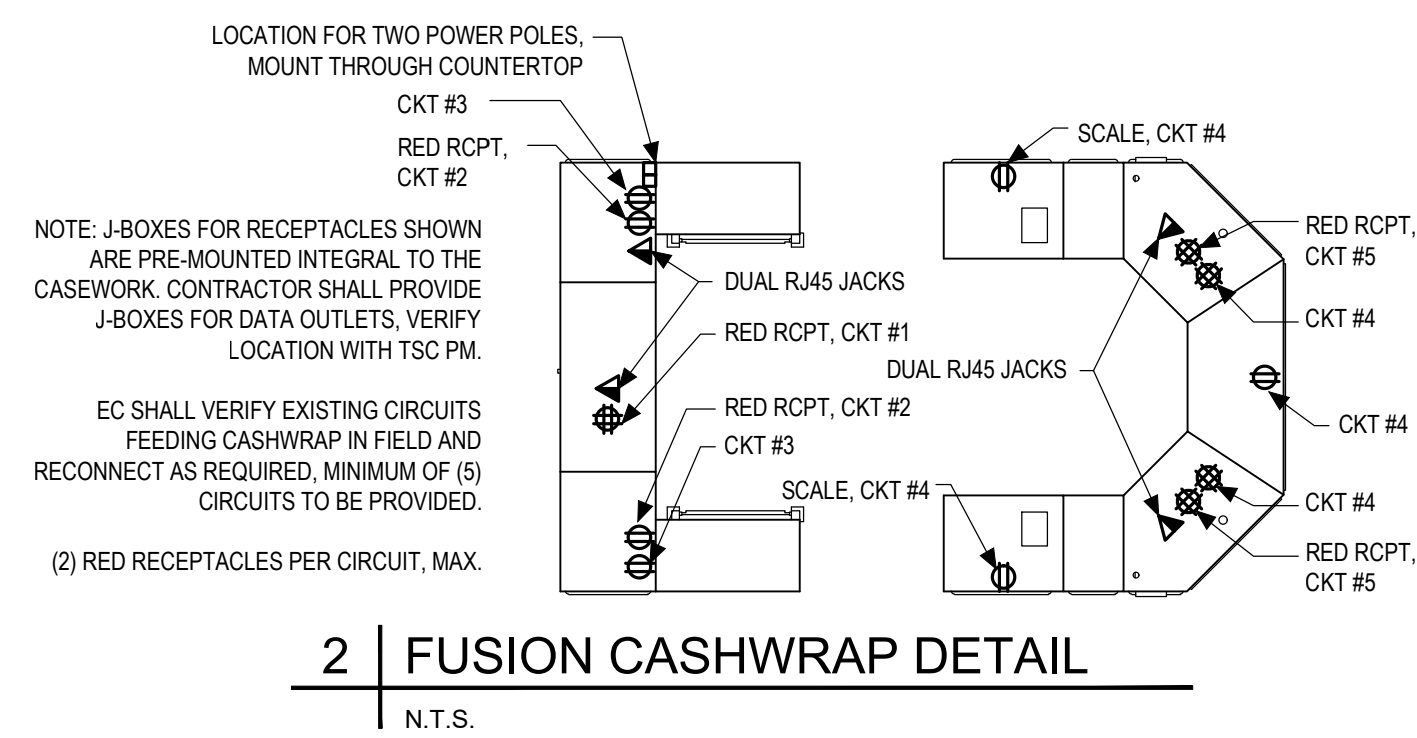
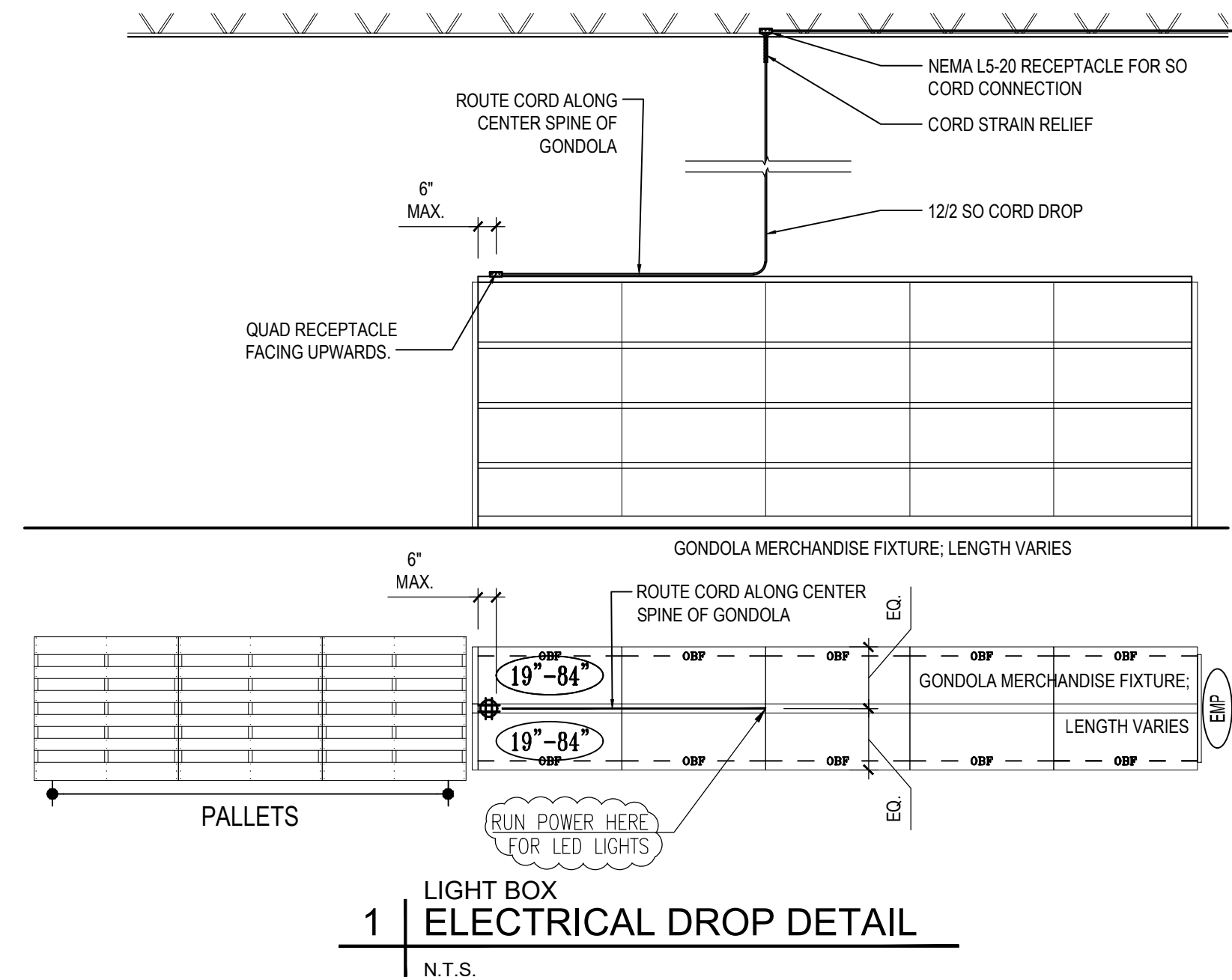
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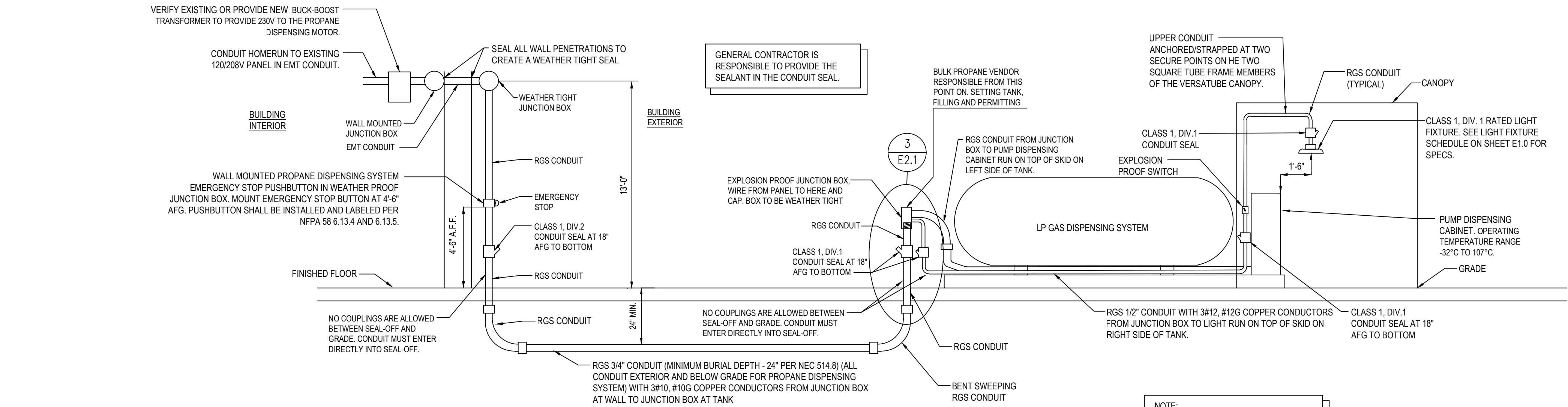
ELECTRICAL SERVICE CALCULATIONS

EXISTING PEAK DEMAND LOAD: 78.4KW / 9PF = 87.1 KVA
87.1 X 1.25% = 108.9 KVA
ADDED LOAD = 11.6 KVA
TOTAL LOAD = 120.5 KVA = 334.5A
SERVICE SIZE = 3000A @ 120/208V, 3PH, 4W

KEYED NOTE SCHEDULE

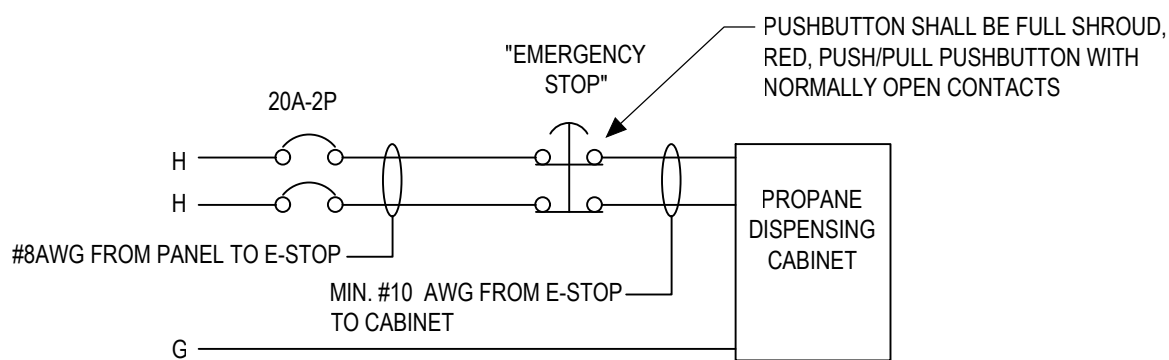
1. JUNCTION BOX FOR POWER CONNECTION TO MOTORIZED DOOR. COORDINATE EXACT LOCATION AND REQUIREMENTS W/ DOOR VENDOR.
2. PROVIDE WP DUPLEX RECEPTACLE W/ IN-USE COVER PLATE IN A CAST BOX MOUNTED TO SHADE STRUCTURE POST FOR MOBILE POS SYSTEM.
3. REPAIR OR REPLACE ANY DAMAGED OUTLETS, RECEPTABLES, AND RECEPTACLE COVERS. ENSURE ALL RECEPTABLES ON EXTERIOR OF BUILDING ARE IN PROPER WORKING ORDER, ARE GFI PROTECTED, AND HAVE A WEATHERPROOF WHILE-IN-USE TYPE COVER.
4. REPAIR ALL ELECTRICAL CONCERNS IN THIS AREA. FIRE ALARM DETECTION AND NOTIFICATION DEVICES IN THIS AREA TO BE PROVIDED BY FIRE ALARM VENDOR.
5. PROVIDE ELECTRICAL DROP FOR LED LIGHTING IN FIXTURE. COORDINATE EXACT LOCATION AND REQUIREMENTS W/ TSC PROJECT MANAGER AND FINAL FIXTURE PLAN. REFER TO DETAIL 1, LIGHT BOX ELECTRICAL DROP DETAIL. ROUTE CIRCUIT THROUGH LIGHTING CONTACT/RELAY CABINET TO BE CONTROLLED WITH SALES FLOOR LIGHTING.
6. *CHICK DAYS* POWER LOCATION. INSTALL OUTLET TO BOTTOM OF JOIST, VERIFY EXACT LOCATION W/ TSC FINAL FIXTURE PLAN. PROVIDE POWER REEL CONNECTED TO OUTLET, HUBBELL #HBLCA0123T.
7. REWORK EXISTING CASHWRAP POWER AND DATA DROPS AND CUSTOMER SERVICE POWER AND DATA DROPS TO NEW FUSION CASHWRAP. SPLICE AND EXTEND EXISTING CIRCUITS AS REQUIRED. PROVIDE NEW BLACK POWER POLE. COORDINATE EXACT LOCATION AND REQUIREMENTS W/ TSC PROJECT MANAGER AND FINAL FIXTURE PLAN. GC SHALL PLACE ORDER FOR THE POWER POLES WITH VILLA LIGHTING (ANNE VOELKER - ANNE.VOELKER@VILLALIGHTING.COM, 314-633-0554). TSC WILL PURCHASE THE POWER POLES BASED ON GC'S ORDER. REFER TO FUSION CASHWRAP DETAIL ON THIS SHEET.
8. ROUTE TWO CAT6 CABLES FROM SELF CHECKOUT TO THE IT RACK. PROVIDE 20' OF CABLE AT BOTH ENDS COILED AT CEILING W/ LABELS.
9. FURNISH AND INSTALL POWER POLES FROM SALES COUNTERTOPS TO CEILING STRUCTURE. RELOC #PP2-L183-HW-B-BLACK. REFER TO OFFICIAL TSC FIXTURE PLAN LAYOUT FOR EXACT LOCATIONS. ATTACH POWER POLE TOP TO UNI-STRUT AT BAR JOIST W/ A U CLAMP TO THE TOP OF THE POWER POLE AT THE BAR JOIST. LOOSEN THE U BOLT USED TO TIGHTEN THE CONNECTION TO THE POWER POLE SO THAT THE POWER POLE IS ABLE TO REMAIN IN POSITION AND THE ROOF CAN FLEX DURING EXPANSION AND CONTRACTION W/OUT DAMAGING THE POWER POLE.
10. PROVIDE 3/4" STUB FROM BUILDING INTO LIVE GOODS CENTER STRUCTURE BELOW EAVE FOR LOW VOLTAGE / SECURITY WIRING. ROUTE CONDUITS OVERHEAD TO BOTTOM OF LIVE GOODS CENTER ROOF STRUCTURE W/ LIQUID-TIGHT NON-METALLIC CONDUIT, LESS THAN 6' LENGTH, TERMINATE W/ CLAMP AT UNDERSIDE OF STRUCTURE.
11. PROVIDE POWER FOR SUSPENDED TV @ 9'-6" AFF LOCATED ABOVE CASHWRAP. COORDINATE LOCATION W/ LOW VOLTAGE VENDOR. RCPT TO BE INSTALLED ON INSIDE OF STEEL BRACKET, ROUTE MC CABLE ON OUTSIDE OF SUSPENSION POLE SECURED TO POLE.





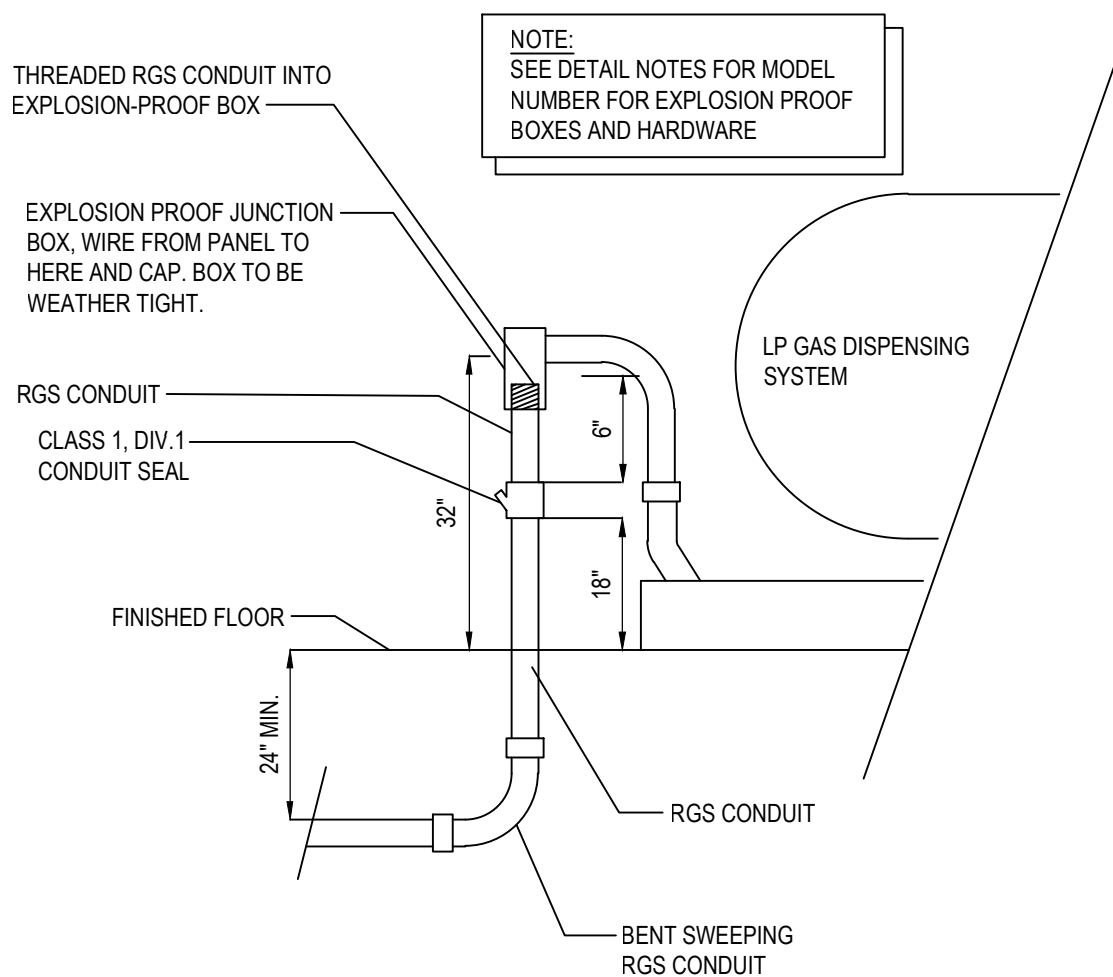
1 | PROPANE DISPENSING SYSTEM

N.T.S.



2 | PROPANE DISPENSING SYSTEM CONTROL DIAGRAM

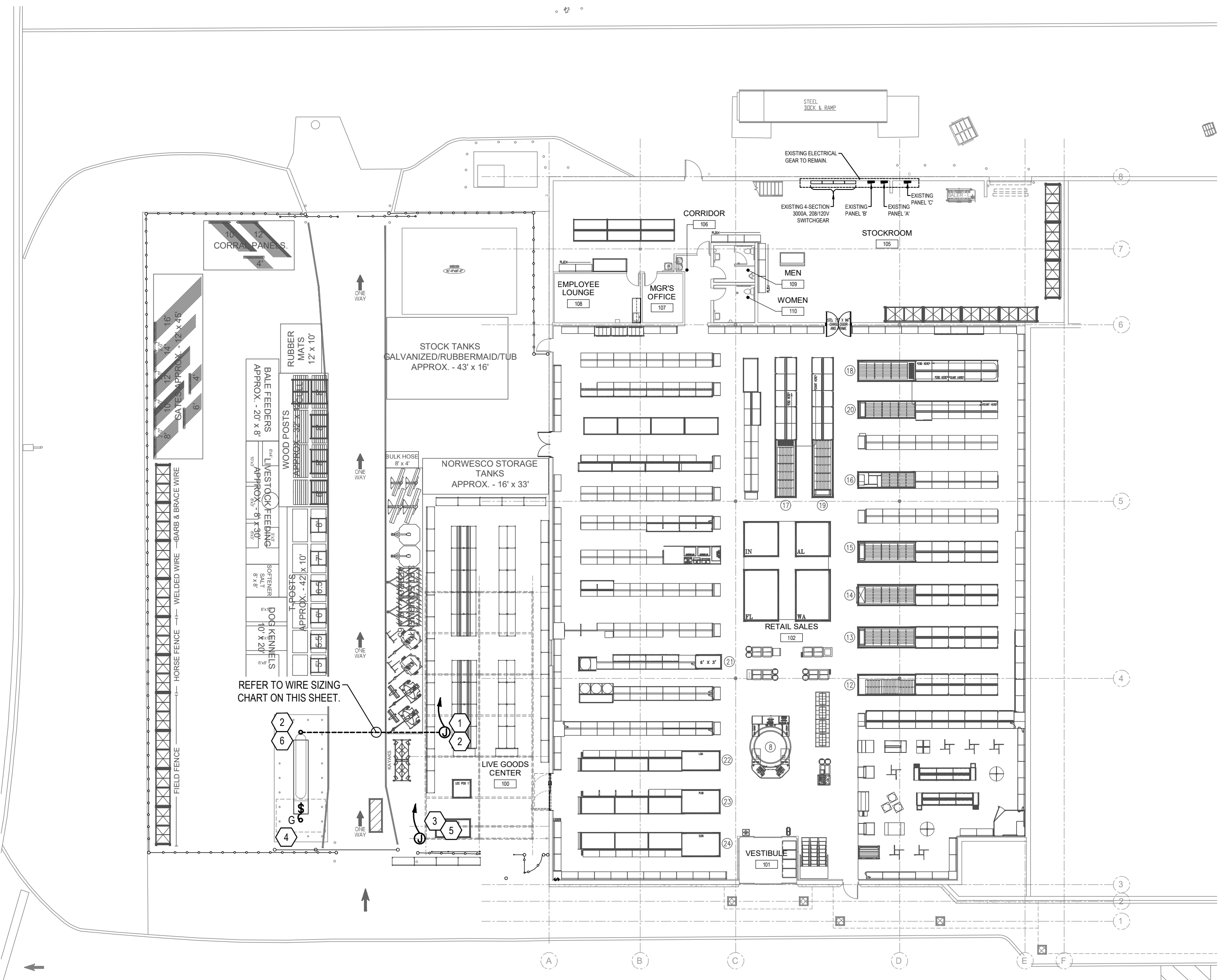
N.T.S.



3 | ENLARGED DETAIL

N.T.S.

WIRE SIZING CHART						
PUMP MODEL	MOTOR RATED VOLTAGE	MINIMUM STARTING VOLTAGE	FLA	MINIMUM WIRE SIZE FOR LENGTH OF RUN		
				0-100'	101-200'	201-300'
C12	115	115	24	8	4	2
	230	212	12	8	8	8
NOTES: 2. PREFERRED MOTOR VOLTAGE IS 230V. 3. VERIFY INITIAL VOLTAGE DROP DURING MOTOR INRUSH DOES NOT DROP STARTING VOLTAGE BELOW MINIMUM REQUIREMENTS. 4. PROVIDE BUCK/BOOST TRANSFORMER AT PANELBOARD TO INCREASE VOLTAGE IF NECESSARY. PUMP REQUIRES MINIMUM 210V DURING START-UP.						



PROPANE RELOCATION POWER PLAN

SCALE: 1" = 20'

PROPANE RESPONSIBILITY NOTES:

IF PROPANE IS DELIVERED PRIOR TO FIXTURE DATE:

- GC IS RESPONSIBLE FOR INFRASTRUCTURE RELATED TO PROPANE TANK INSTALLATION.
- GC IS RESPONSIBLE FOR ELECTRICAL PERMITTING AND FINAL CONNECTION TO PUMP DISPENSING CABINET.
- BULK PROPANE VENDOR IS RESPONSIBLE FOR GAS PERMITTING OF THE TANK.
- BULK PROPANE VENDOR IS RESPONSIBLE FOR INSTALLATION AND FINAL GAS CONNECTION AND INSPECTION OF THE TANK.

IF PROPANE TANK IS DELIVERED AFTER FIXTURE DATE:

- GC IS RESPONSIBLE FOR INFRASTRUCTURE RELATED TO PROPANE TANK INSTALLATION.
- BULK PROPANE VENDOR IS RESPONSIBLE FOR ELECTRICAL PERMITTING AND FINAL CONNECTION TO PUMP DISPENSING CONTROL PANEL.
- BULK PROPANE VENDOR IS RESPONSIBLE FOR GAS PERMITTING OF THE TANK.
- BULK PROPANE VENDOR IS RESPONSIBLE FOR INSTALLATION AND FINAL GAS CONNECTION AND INSPECTION OF THE TANK.

DETAIL NOTES:

- CONDUIT FROM BUILDING TO DISPENSING SYSTEM SHALL BE ROUTED MINIMUM 24" BELOW GRADE PER NEC ARTICLE 514.8.
- ALL EQUIPMENT LOCATED WITHIN FIVE FEET OF TANK SHALL BE RATED FOR USE IN CLASS 1, DIVISION 1 HAZARDOUS LOCATIONS.
- ALL EQUIPMENT LOCATED BETWEEN FIVE FEET OF TANK AND 20 FEET OF TANK SHALL BE RATED FOR USE IN CLASS 1, DIVISION 2 HAZARDOUS LOCATIONS.
- ALL CONDUIT SHALL BE RGS. NO MC OR BLACK IRON PERMITTED. ALL FITTINGS ON RGS CONDUITS SHALL BE THREADED.
- CONDUIT SEALS SHALL BE INSTALLED ON ALL CONDUITS THAT PASS INTO OR THROUGH THE CLASS 1, DIVISION 1 OR 2 HAZARDOUS BOUNDARIES WITHIN TEN FEET AFTER PENETRATION ABOVE GRADE ON EACH END OF CONDUIT PER NEC 514.9.
- PROVIDE AND INSTALL (1) EXPLOSION-PROOF JUNCTION BOX AT THE DISPENSING UNIT. JUNCTION BOX TO BE COOPER CROUSE HINDS MODEL #GUAW26. INSTALL SUCH THAT BOX IS IN A VERTICAL POSITION SO THE MAXIMUM WIDTH IS 4-1/4". COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH PROPANE DISPENSING VENDOR PRIOR TO ROUGH-IN. COORDINATE LOCATION OF CONDUIT ENTRIES WITH PROPANE DISPENSING VENDOR PRIOR TO ORDERING.
- REFERENCE SHEET A-1 FOR EXACT LOCATION OF CONDUIT STUB-UP AT PROPANE TANK.

KEYED NOTE SCHEDULE

- RE-ROUTE PROPANE DISPENSING CIRCUIT TO NEW PROPANE LOCATION. IF ADDITIONAL CIRCUIT LENGTH REQUIRES INCREASED WIRE SIZE DUE TO WIRE SIZING CHART, NEW CIRCUITING SHALL BE EXTENDED FULL LENGTH FROM PANEL TO PROPANE DISPENSING UNIT.
- EXISTING PROPANE DISPENSING SYSTEM TO BE RELOCATED. REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT AND WIRING. CONDUITS SHALL BE CUT BELOW GRADE AND SURFACE PATCHED TO MATCH SURROUNDING SURFACES. LOCATION FOR CONDUIT PENETRATION THROUGH GRADE FROM BUILDING TO PROPANE GAS DISPENSING SYSTEM. VERIFY WITH TSC PROJECT MANAGER IF SCP CANNOT BE FOLLOWED. REFERENCE DETAILS 1.2.3 ON SHEET E2.1.
- PROPANE EMERGENCY STOP BUTTON. LOCATE GREATER THAN 25' BUT LESS THAN 100' FROM PROPANE DISPENSING UNIT WITHIN SIGHT OF UNIT. WALL MOUNTED PROPANE DISPENSING SYSTEM EMERGENCY STOP PUSHBUTTON IN WEATHERPROOF JUNCTION BOX. MOUNT EMERGENCY STOP BUTTON AT 4'-6" AFG. CONTRACTOR SHALL PROVIDE SIGN AT PUSHBUTTON TO IDENTIFY AS "PROPANE-CONTAINER LIQUID VALVE EMERGENCY SHUTOFF". COORDINATE EXACT MOUNTING LOCATION OF PUSHBUTTON WITH ARCHITECT. REFERENCE DETAIL 3 ON SHEET E2.1 FOR CONTROL DIAGRAM. PUSHBUTTON SHALL BE INSTALLED AND LABELED PER NFPA 58 6.13.4 AND 6.13.5.
- PROVIDE TYPE "G" LIGHTING FIXTURE AT CANOPY CONTROLLED BY AN EXPLOSION-PROOF SWITCH. CONNECT LIGHT TO PROPANE DISPENSING CIRCUIT. SEE DETAIL 1 ON SHEET E2.1.
- CONTRACTOR SHALL ROUTE CONDUIT FOR ELECTRICAL DEVICES LOCATED BELOW 96" AFF RECESSED IN THE WALL. CONDUIT MAY BE ROUTED EXPOSED ABOVE 96" AFF. PAINT TO MATCH WALL.
- PROVIDE AND INSTALL (1) EXPLOSION-PROOF JUNCTION BOX AT THE DISPENSING UNIT. JUNCTION BOX TO BE COOPER CROUSE HINDS MODEL #GUAW26. INSTALL SUCH THAT BOX IS IN A VERTICAL POSITION SO THE MAXIMUM WIDTH IS 4-1/4". COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH PROPANE DISPENSING VENDOR PRIOR TO ROUGH-IN. COORDINATE LOCATION OF CONDUIT ENTRIES WITH PROPANE DISPENSING VENDOR PRIOR TO ORDERING.

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FUSION / SIDELOT
COMBO PROJECT

STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.: 24.0518

Drawn By: KRS

Date 12-6-24 Issue PERMIT

E2.1

PROPANE ELECTRICAL PLAN AND DETAILS

ELECTRICAL SYMBOL LEGEND		
SYMBOL	DESCRIPTION	MTG. HGT. (U.N.O.)
\$	LIGHT SWITCH	48"
\$ _h	MOTOR RATED TOGGLE SWITCH	
\$ _{sh}	WALL MOUNTED OCCUPANCY SENSOR	48"
⌚	CEILING MOUNTED OCCUPANCY SENSOR	
⌀ / ⌀ / ⌀	SINGLE / DUPLEX / DOUBLE DUPLEX RECEPTACLE	18"
⌀ ^W / ⌀ ^W / ⌀ ^W	RECEPTACLE WITH GROUND FAULT PROTECTION	18"
⌀ ^W / ⌀ ^W / ⌀ ^W	WEATHER RESISTANT RECEPTACLE WITH WEATHERPROOF IN-USE COVER	18"
⌀ ^W / ⌀ ^W / ⌀ ^W	WEATHER RESISTANT RECEPTACLE	18"
⌀	JUNCTION BOX	
⌚	THERMOSTAT LOCATION, PROVIDE BOX WITH 1/2" CONDUIT TO CEILING SPACE	60"
▼	TELEPHONE JACK, PROVIDE BOX WITH 1/2" CONDUIT TO CEILING SPACE	18"
▽	DATA JACK, PROVIDE BOX WITH 3/4" CONDUIT TO CEILING SPACE	18"
■	BUTTON	48"
■	BELL/BUZZER	
■	PANELBOARD	
⊗	MOTOR	
□	NON-FUSED DISCONNECT	
⊞	HORN/STROBE	
SD	DUCT SMOKE DETECTOR	

ELECTRICAL SPECIFICATIONS

SECTION 16010 - ELECTRICAL GENERAL PROVISIONS

- THE PROVISIONS OF THE INSTRUCTIONS TO BIDDERS, GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS, ALTERNATES, ADDENDAS AND DIVISION 1 ARE A PART OF THIS SPECIFICATION. ELECTRICAL, ARCHITECTURAL, MECHANICAL AND ALL OTHER DRAWINGS AS WELL AS THE SPECIFICATIONS FOR ALL THE DIVISIONS ARE A PART OF THE CONTRACT DOCUMENTS.
- VISIT THE SITE OF THE WORK AND BECOME FAMILIAR WITH THE CONDITIONS AFFECTING THE INSTALLATION. DISMISSAL OF A PROPOSAL SHALL PRESUPPOSE KNOWLEDGE OF SUCH CONDITIONS AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED WHERE EXTRA LABOR OR MATERIALS ARE REQUIRED BECAUSE OF IGNORANCE OF THESE CONDITIONS.
- DEFINITIONS:
 - THE TERM "FURNISH" SHALL MEAN TO SUPPLY AND DELIVERY TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS.
 - THE TERM "INSTALL" SHALL MEAN WORK WHICH INCLUDES THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS.
 - THE TERM "PROVIDE" SHALL MEAN TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.
- INCLUDE ALL LABOR, MATERIAL, EQUIPMENT, SERVICES AND PERMITS NECESSARY FOR THE PROPER COMPLETION OF ALL ELECTRICAL WORK SHOWN. ITEMS OMITTED, BUT NECESSARY, TO MAKE THE ELECTRICAL SYSTEM COMPLETE AND WORKABLE SHALL BE UNDERSTOOD TO FORM PART OF THE WORK.
- IT IS THE PURPOSE OF THE ELECTRICAL DRAWINGS TO INDICATE THE APPROXIMATE LOCATION OF ALL EQUIPMENT, OUTLETS, ETC. ASCERTAIN EXACT LOCATIONS AND ARRANGE WORK ACCORDINGLY. THE RIGHT IS RESERVED TO EFFECT REASONABLE CHANGES IN THE LOCATION OF OUTLETS UP TO THE TIME OF ROUGHING-IN, WITHOUT ADDITIONAL COST TO THE OWNER.
- TEMPERATURE AND INTERLOCK CONTROLS ARE PROVIDED AND WIRED BY A CONTROLS CONTRACTOR. LINE (120 VOLT) VOLTAGE CONTROL DEVICES, SUCH AS THERMOSTATS AND AQUASTATS, WHICH CONTROL FRACTIONAL HORSEPOWER, 120 VOLT MOTORS ARE FURNISHED BY MECHANICAL CONTRACTOR, AND ARE WIRED BY ELECTRICAL CONTRACTOR.
- SECURE AND PAY FOR PERMITS AND INSPECTIONS REQUIRED FOR THE ELECTRICAL WORK.
- WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF LOCAL AND STATE CODES, AS WELL AS THE LATEST ADOPTED VERSION OF THE NATIONAL ELECTRICAL CODE, AS INTERPRETED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
- CONSULT THE DRAWINGS, PRODUCT DATA AND SHOP DRAWINGS COVERING THE WORK FOR VARIOUS OTHER TRADES, THE FIELD LAYOUTS OF THE CONTRACTORS FOR THE TRADE AND MAKE ADJUSTMENTS ACCORDINGLY IN LAYING OUT THE ELECTRICAL WORK.
- WARRANT THAT EQUIPMENT AND ALL WORK IS INSTALLED IN ACCORDANCE WITH GOOD ENGINEERING PRACTICE AND THAT ALL EQUIPMENT WILL MEET THE REQUIREMENTS SPECIFIED. GUARANTEE AGAINST DEFECTS IN WORKMANSHIP AND MATERIALS. REPAIR OR REPLACE ANY DEFECTIVE WORK, MATERIAL OR EQUIPMENT WITHIN ONE YEAR FROM DATE OF ACCEPTANCE.
- THE EXISTING ELECTRICAL AND TELEPHONE SERVICE, AND ALL EXISTING COMMUNICATION SYSTEMS WITHIN THE BUILDING SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. ANY SERVICE SHUTDOWNS THAT MAY BE REQUIRED SHALL BE SCHEDULED THROUGH THE OWNER AND SHALL BE DONE AT A TIME AS DIRECTED BY THE OWNER. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THESE SHUTDOWN PERIODS. IF SUCH ELEMENTS EXIST, REPORT THIS IMMEDIATELY TO THE ARCHITECT. TEMPORARY SERVICE TO EQUIPMENT OR SYSTEMS THAT CANNOT BE SHUTDOWN, AS DETERMINED BY OWNER.
- PROVIDE A MINIMUM OF ONE WEEK'S NOTICE TO THE OWNER BEFORE ANY SERVICE SHUTDOWN IS SCHEDULED.
- BIDS SHALL BE BASED UPON THE SPECIFIED PRODUCTS OR LISTED ALTERNATIVES. THE DRAWINGS AND SPECIFICATIONS ARE BASED ON THE PRODUCTS SPECIFIED BY TYPE, MODEL AND SIZE AND THUS ESTABLISH MINIMUM QUALITIES WHICH SUBSTITUTES MUST MEET TO QUALIFY FOR REVIEW. WHERE ONLY ONE MAKE IS NAMED, IT SHALL BE PROVIDED. VERBAL REQUESTS OR APPROVALS SHALL NOT BE BINDING ON THE ARCHITECT, ENGINEER OR OWNER. SHOULD THE CONTRACTOR PROPOSE TO FURNISH MATERIALS AND EQUIPMENT OTHER THAN THOSE SPECIFIED, HE SHALL SUBMIT A WRITTEN REQUEST FOR SUBSTITUTIONS TO THE ARCHITECT AT THE BID OPENING. INDICATE ANY ADDITIONS OR DEDUCTIONS TO THE CONTRACT PRICE ON THE BID FORM.
- EQUIPMENT AND MATERIALS USED ON THIS PROJECT SHALL BE NEW AND U.L. LABELED FOR THE APPLICATION.
- KEEP ONE COMPLETE SET OF THE CONTRACT WORKING DRAWINGS ON THE PROJECT SITE ON WHICH HE SHALL RECORD ANY DEVIATIONS OR CHANGES FROM SUCH CONTRACT DRAWINGS MADE DURING CONSTRUCTION. AFTER THE PROJECT IS COMPLETED, RECORD SETS OF DRAWINGS SHALL BE DELIVERED TO THE ARCHITECT IN GOOD CONDITION, AS A PERMANENT RECORD OF THE INSTALLATION AS CONSTRUCTED.
- PROVIDE NAMEPLATES ON PANELBOARDS, DISTRIBUTION EQUIPMENT, SAFETY SWITCHES, MOTOR STARTERS, JUNCTION BOXES, AND CONTROL DEVICES, UNLESS OTHERWISE INDICATED ON THE DRAWINGS. LETTERING SHALL INCLUDE THE NAME OR DESIGNATION OF EQUIPMENT, HORSEPOWER, VOLTAGE RATING AND SERVICE DESIGNATION. NAMEPLATES SHALL BE LAMINATED PHENOLIC WITH A BLACK SURFACE AND WHITE CORE. IDENTIFICATION WITH A DYMO TYPE INSTRUMENT IS NOT PERMISSIBLE. THE INSIDE COVER OF ALL RECEPTACLE OUTLET PLATES SHALL BE PERMANENTLY MARKED TO INDICATE THE PANEL AND CIRCUIT NUMBER OF THE OUTLET. THE INSIDE COVER OF ALL BLANK PLATES FOR JUNCTION BOXES INSTALLED SHALL BE PERMANENTLY MARKED TO INDICATE THE SYSTEM.
- AFTER INSTALLATION, TEST FOR GROUNDS, SHORT CIRCUITS AND PROPER FUNCTION OF EACH SYSTEM AND RELATED WIRING. FAULTS IN THE INSTALLATION SHALL BE CORRECTED.
- INSULATION RESISTANCE TESTS SHALL BE MADE ON THE ELECTRICAL SYSTEM WITH AN APPROVED MEGOHMMETER.
- A GROUND CONTINUITY TEST SHALL BE MADE ON THE ENTIRE GROUNDING SYSTEM FROM THE SERVICE TO EVERY OUTLET.
- AFTER ALL TESTS AND ADJUSTMENTS HAVE BEEN COMPLETED, CLEAN ALL EQUIPMENT LEAVING EVERYTHING IN WORKING ORDER AT THE COMPLETION OF THIS WORK. CLEAN LIGHTING FIXTURES, OUTLET BOX PLATES, PANEL AND CABINET INTERIORS AND EXTERIORS, ETC., OF DIRT, DUST, DEBRIS AND PAINT, AFTER ALL OTHER TRADES HAVE COMPLETED THEIR WORK.
- PROVIDE A TEMPORARY ELECTRICAL SERVICE ADEQUATE IN SIZE FOR HEATING, FOR THE USE OF ALL TRADES AND FOR THE LIGHTING OF EACH ROOM DURING CONSTRUCTION. TEMPORARY WIRING SHALL BE TO OSHA REQUIREMENTS. TEMPORARY SERVICES CAN BE EXTENDED FROM THE OWNER'S EXISTING POWER DISTRIBUTION SYSTEM. THE OWNER MUST APPROVE OF THE POINT OF SUPPLY, THE METHOD OF EXTENSION AND THE ROUTING OF NECESSARY TEMPORARY FEEDERS. PROVIDE A TEMPORARY TELEPHONE SERVICE FOR THE USE OF ALL TRADES DURING CONSTRUCTION.
- DO ALL CUTTING AND PATCHING IN EXISTING CONSTRUCTION AS NECESSARY FOR INSTALLATION OF THIS WORK. HAVE CUTTING DONE BY SKILLED MECHANICS AS CAREFULLY AS POSSIBLE AND WITH AS LITTLE DAMAGE AS POSSIBLE.
- DETERMINE IF ANY STRUCTURAL ELEMENTS SUCH AS REBAR OR POST TENSION CABLES EXIST IN FLOORS, WALLS OR ROOFS BY INSPECTION COORDINATED WITH THE LANDLORDS TENANT COORDINATOR OR STRUCTURAL ENGINEER AND BY USE OF X-RAY WHEN REQUIRED PRIOR TO ANY CUTTING OR CORE DRILLING. IF SUCH ELEMENTS EXIST, REPORT THIS IMMEDIATELY TO THE ARCHITECT AND LANDLORD'S TENANT COORDINATOR FOR RESOLUTION PRIOR TO CUTTING OR DRILLING.
- OPERATION PRIOR TO COMPLETION:

WHEN ANY MECHANICAL OR ELECTRICAL EQUIPMENT IS OPERATED DURING CONSTRUCTION THE WARRANTY PERIOD SHALL NOT COMMENCE UNTIL THE EQUIPMENT IS OPERATED BY THE OWNER. PROPERLY CLEAN AND ADJUST THE EQUIPMENT AND COMPLETE ALL PUNCH LIST ITEMS BEFORE FINAL ACCEPTANCE BY THE OWNER. THE DATE OF ACCEPTANCE AND THE START OF THE WARRANTY MAY NOT BE THE SAME DATE. ALL INCANDESCENT LAMPS OPERATED FOR MORE THAN 50 HOURS DURING CONSTRUCTION SHALL BE REPLACED WITH NEW LAMPS PRIOR TO OWNER ACCEPTANCE.
- FIRE AND SMOKE INTEGRITY:

SEAL BUILDING OPENINGS THROUGHOUT, CAUSED BY INSTALLATION OF ALL TYPES OF ELECTRICAL EQUIPMENT (CONDUIT, CABLE WIRE, PANELS ETC.) WHERE OPENINGS ARE IN FLOORS OR FIRE RATED WALLS CONFIGURE THE PENETRATION IN CONFORMANCE WITH UL LISTED CRITERIA. INSURE FIRE AND SMOKE BARRIER INTEGRITY THROUGHOUT. WHERE INTUMESCENT SEALER/CAULKING IS REQUIRED USE MATERIALS OF 3M OR DOW CORNING.

- BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES. THE PLANS AND SPECIFICATIONS NOT WITHSTANDING, THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

SECTION 16050 - BASIC MATERIALS AND METHODS

- ALL BOXES SHALL BE RIGIDLY SUPPORTED FROM THE BUILDING STRUCTURE INDEPENDENT OF THE CONDUIT SYSTEM. ALL BOXES SHALL BE 4" SQUARE BOXES MINIMUM WITH RAISED COVERS SUITABLE FOR THE WALL MATERIAL.
- CONDUITS SHALL BE:
 - RIGID OR INTERMEDIATE GRADE GALVANIZED STEEL CONDUIT IN WET LOCATIONS, CONCRETE, EXTERIOR MASONRY WALLS AND EXPOSED LOCATIONS SUBJECT TO DAMAGE.
 - GALVANIZED STEEL ELECTRICAL METALLIC TUBING IN DRY LOCATIONS, INTERIOR PARTITIONS AND CEILING SPACE.
 - FLEXIBLE METAL CONDUIT FOR FINAL CONNECTIONS TO TRANSFORMERS, MOTORS AND EQUIPMENT. LIQUID-TIGHT FLEXIBLE METAL CONDUIT IN WET AND DAMP LOCATIONS.
 - FLEXIBLE METALLIC TUBING FROM OUTLET BOX TO RECESSED LIGHT FIXTURES IN SUSPENDED CEILINGS, SIX FOOT MAXIMUM LENGTH.
 - SCHEDULE 40 PVC RIGID NON-METALLIC CONDUIT BURIED BELOW GROUND FLOOR SLAB AND FOR EXTERIOR UNDERGROUND.
 - CONDUIT CONNECTIONS TO UNDERCABINET TYPE LIGHTING FIXTURES SHALL BE 3/8" FLEXIBLE METAL CONDUIT OR MC TYPE CABLE FROM THE WALL OUTLET BOX TO THE FIXTURE HOUSING.
 - RACEWAYS SHALL BE SIZED IN ACCORDANCE WITH N.E.C. WIRING TABLES OR AS NOTED ON DRAWINGS, WHICHEVER IS LARGER. MINIMUM CONDUIT SIZE SHALL BE ONE-HALF INCH.
 - CONDUIT FITTINGS FOR RIGID CONDUIT SHALL BE THREADED CAST FERROUS ALLOY WITH GASKETS AND COVERS WHERE REQUIRED. CONDUIT FITTINGS FOR EMT TO BE SET SCREW TYPE. LOCKNUTS SHALL BE OF THE BONDING TYPE WHICH BITE INTO THE METAL OF THE BOX. BUSHINGS SHALL BE OF THE INSULATING TYPE.
 - METAL CONDUITS SHALL BE COUPLED AND SECURED TO ALL BOXES IN A MANNER THAT PROVIDES AN ELECTRICALLY CONTINUOUS GROUND PATH FROM POINT OF SERVICE TO ALL OUTLETS.
 - RIGID CONDUITS SHALL BE TERMINATED IN SHEET STEEL WITH DOUBLE LOCKNUTS AND AN INSULATING BUSHING. EMPTY CONDUITS STUBBED SHALL BE THREADED AND CAPPED.
 - NYLON PULL LINE SHALL BE INSTALLED IN ALL EMPTY CONDUITS.
 - CONDUIT ROUTING INDICATED ON THE DRAWINGS IS DIAGRAMMATIC ONLY AND IS NOT NECESSARILY THE INTENDED ACTUAL CONDUIT RUN. CONTRACTOR SHALL CHECK AND BE RESPONSIBLE FOR THE ACTUAL INSTALLATION WITH REGARD TO AVAILABLE SPACE AND SHALL COOPERATE WITH OTHER TRADES.
 - ALL CONDUITS SHALL BE SIZED AND INSTALLED SO THAT THE REQUIRED NUMBER OF CONDUCTORS MAY BE PULLED IN WITHOUT INJURY OR STRAIN.
 - CONDUIT RUNS SHALL BE LOCATED TO AVOID EQUIPMENT AND ACCESS TO EQUIPMENT OF OTHER TRADES.
 - CONDUITS SHALL BE CONTINUOUS AND SECURED TO ALL BOXES IN SUCH A MANNER THAT EACH CONDUIT SYSTEM SHALL BE ELECTRICALLY CONTINUOUS FROM THE POINT OF SERVICE TO ALL OUTLET BOXES. RUN CONDUITS CONCEALED UNLESS OTHERWISE INDICATED. WHERE IT IS NOT POSSIBLE TO INSTALL CONCEALED CONDUIT, PERMISSION MUST BE OBTAINED FROM THE ARCHITECT TO RUN SURFACE WIREMOLD OR CONDUIT. THE ROUTING AND ELEVATION OF SUCH SURFACE MOUNTED RACEWAYS MUST BE COORDINATED WITH THE ARCHITECT BEFORE INSTALLATION. EXPOSED RACEWAYS SHALL BE RUN PARALLEL TO, OR AT RIGHT ANGLES TO STRUCTURAL MEMBERS AND SHALL BE PAINTED TO MATCH ADJACENT FINISHES.
 - CONDUIT SUPPORTS SHALL BE ATTACHED TO BUILDING STRUCTURAL MEMBERS ONLY, AND NOT TO ANY BUILDING SUB-SYSTEMS SUCH AS SUSPENDED CEILINGS, MECHANICAL DUCTS OR PIPES.
 - ENDS OF EACH CONDUIT SHALL BE CAPPED WITH AN APPROVED CAP OR DISC TO PREVENT THE ENTRANCE OF FOREIGN MATERIALS DURING CONSTRUCTION.
 - CONDUITS THAT PASS THROUGH FIRE OR SMOKE-RATED WALLS, CEILINGS, OR DECKS SHALL BE INSTALLED SO AS TO MAINTAIN THE FIRE OR SMOKE RATING.
 - EXPANSION FITTINGS SHALL BE INSTALLED AT ALL POINTS WHERE CONDUITS CROSS BUILDING EXPANSION JOINTS.
 - CONDUIT ENTRIES INTO BUILDING SHALL BE MADE WATERTIGHT. ALL UNDERGROUND JOINTS SHALL BE SEALED.
 - EXTERIOR UNDERGROUND CONDUITS SHALL BE INSTALLED 36 INCHES MINIMUM BELOW FINISHED GRADE.
- BUSHINGS, LOCKNUTS AND CONNECTORS:
 - WHERE RIGID OR INTERMEDIATE METAL CONDUIT ENTERS A BOX, SECURE THE CONDUIT TO THE BOX WITH A LOCKNUT ON THE OUTSIDE AND INSIDE. PROVIDE BUSHINGS FOR CONDUIT TERMINALS AT BOXES. FOR CONDUCTORS THRU #8 AWG BUSHINGS SHALL BE GALVANIZED, NON-INSULATING TYPE, AND FOR CONDUCTORS LARGER THAN #8 AWG BUSHINGS ARE TO BE INSULATING TYPE. IF THE CONDUIT FITTING PROVIDES EQUIVALENT PROTECTION OF THE CONDUCTORS, THE BUSHING MAY BE ELIMINATED.
- FEEDER AND BRANCH CIRCUIT CONDUCTORS:
 - FEEDER AND BRANCH CIRCUIT CONDUCTORS SHALL BE U.L. LABELED, 98%/9% CONDUCTIVITY COPPER-STAMPED AT 2 FT. INTERVALS WITH CONDUCTOR SIZE AND INSULATION TYPE.
 - FEEDER CIRCUIT CONDUCTORS SHALL BE TYPE "XHHW-2" OR "THHN", 600 VOLT, STRANDED COPPER, 90 DEGREE C RATED.
 - BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE "THWN/THHN-2", 600 VOLT, 90°C COPPER. WIRE SIZES #8 AWG AND LARGER SHALL BE STRANDED. OR BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE "MD THHN-2, 600 VOLT 90 DEGREE C COPPER WITH INSULATED GREEN GROUND WIRE ENCLOSED IN AN ALUMINUM OR GALVANIZED STEEL ARMOR CONDUIT THAT IS APPROVED FOR EXPOSED OR CONCEALED APPLICATIONS.
 - MINIMUM WIRE SIZE SHALL BE #12 AWG OR LARGER AS REQUIRED TO LIMIT VOLTAGE DROP AT FURTHEST OUTLET TO 3%.
- WIRE AND CABLE INSTALLATION:
 - PULL WIRE AND CABLES INTO CONDUIT USING IDEAL INDUSTRIES "YELLOW 190", OR EQUIVALENT.
 - COLOR CODE WIRE AND CABLE FOR CIRCUITS AS CALLED FOR IN THE NATIONAL ELECTRICAL CODE. COLOR CODING OF FEEDERS SHALL BE BY MEANS OF COLORED TAPE AT TERMINALS.
 - INDIVIDUAL BRANCH CIRCUITS ARE SHOWN ON THE DRAWINGS FOR CLARITY. LIGHTING AND RECEPTACLE CIRCUITS MAY BE GROUPED FOR HOMERUNS, SO LONG AS CONDUCTOR AMPACITIES ARE DERATED PER NEC REQUIREMENTS. NEUTRAL CONDUCTORS IN RECEPTACLE CIRCUITS SERVING DATA EQUIPMENT LOADS SHALL NOT BE SHARED.
 - WIRING FROM LEGALLY REQUIRED EMERGENCY AND STANDBY POWER GENERATION SOURCES SHALL BE KEPT INDEPENDENT OF EACH OTHER AND INDEPENDENT OF ALL OTHER BRANCH CIRCUIT WIRING, AND SHALL NOT ENTER THE SAME RACEWAY, CABLE, BOX, OR CABINET WITH OTHER WIRING, UNLESS SPECIFICALLY ALLOWED BY THE NATIONAL ELECTRICAL CODE.

- WIRING DEVICES:
 - LOCAL LIGHT SWITCHES SHALL BE 20 AMPERE, 120/277 VOLTS, AC SPECIFICATION GRADE, WITH GROUNDING TERMINAL, AS MANUFACTURED BY HUBBELL, OR EQUIVALENT, #CS-122 SERIES.
 - DUPLEX RECEPTACLES SHALL BE 20A, 125V, 2 POLE, 3 WIRE GROUNDING. GENERAL PURPOSE "SPECIFICATION GRADE" DUPLEX RECEPTACLES: HUBBELL #CR5352. ISOLATED GROUND DUPLEX RECEPTACLES: HUBBELL #CR5352 IG - ORANGE. HOSPITAL GRADE DUPLEX RECEPTACLES: HUBBELL #R530H. TAMPER RESISTANT "SAFETY" TYPE" DUPLEX RECEPTACLES: HUBBELL #HBL8300SG.
 - DUPLEX RECEPTACLES WHERE INDICATED ON THE DRAWINGS OR WHERE REQUIRED BY CODE, SHALL HAVE AN INTEGRAL GROUND FAULT PROTECTOR AND SHALL BE 20A, 125V, 2 POLE, 3 WIRE GROUNDING; HUBBELL #GFR3352. GROUND FAULT RECEPTACLES SHALL NOT BE THRU-WIRED. PROVIDE INDIVIDUAL DUPLEX RECEPTACLES AS SHOWN ON THE DRAWINGS. HOSPITAL GRADE GROUND FAULT DUPLEX RECEPTACLES: HUBBELL #HGF8300.
 - ALL SWITCHES, DIMMERS, AND RECEPTACLES SHALL BE WHITE UNLESS OTHERWISE INDICATED WITHIN THESE SPECIFICATIONS. VERIFY COLOR WITH THE ARCHITECT PRIOR TO PROCUREMENT OF THE DEVICES. ALL COVERPLATES SHALL BE SMOOTH HIGH IMPACT THERMOPLASTIC FINISH WITH COLOR TO MATCH THE DEVICES. EMERGENCY RECEPTACLES AND SWITCHES SHALL BE RED, WITH COVERPLATES TO MATCH THE FINISH OF THE OTHER COVERPLATES PROVIDED IN THE AREA, IN UNFINISHED AREAS, USE CADMIUM PLATED, ROUND CORNER, STEEL COVERPLATES FOR SURFACE MOUNTED OUTLET BOXES. BOTH THE WIRING DEVICES AND THE COVERPLATES SHALL BE BY THE SAME MANUFACTURER.
- WIRING DEVICE INSTALLATION:
 - ADJACENT DEVICES SHALL BE MOUNTED IN GANGED BOXES WITH COMMON COVER PLATES.
 - VERIFY MOUNTING HEIGHTS AND LOCATIONS WITH THE ARCHITECT BEFORE ROUGH-IN. REFER TO DETAILS AND INTERIOR WALL ELEVATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS.
 - OUTLETS SHALL NOT BE INSTALLED BACK TO BACK.
 - ALL RECEPTACLES SHALL BE MOUNTED WITH THE GROUND OPENING ABOVE THE PHASE AND NEUTRAL OPENINGS.
 - ALL DEVICES SHALL BE SECURED WITH MORE THAN A SINGLE SCREW.
- DISCONNECT SWITCHES:
 - PROVIDE MOTOR DRIVEN EQUIPMENT WITH PROPERLY SIZED AND RATED DISCONNECT SWITCHES TO COMPLY WITH N.E.C. REQUIREMENTS, WHETHER OR NOT INDICATED ON THE DRAWINGS.
 - DISCONNECT SWITCHES FOR THREE-PHASE MOTORS AND SINGLE-PHASE MOTORS GREATER THAN 1/2 HORSEPOWER SHALL BE HEAVY-DUTY, SINGLE-THROW SAFETY SWITCHES. SWITCHES SHALL BE FUSIBLE OR NON-FUSIBLE, AS INDICATED, WITH AMPERAGE, POLES AND NEUTRAL, AS SHOWN ON DRAWINGS. PROVIDE SWITCHES WITH QUICK-MAKE, QUICK-BREAK OPERATING MECHANISM, FULL COVER INTERLOCK AND INDICATOR HANDLE. PROVISIONS FOR PADLOCKING OFF, U.L. CLASS "R" REJECTION TYPE FUSE CLIPS, N.E.M.A. 1 ENCLOSURE FOR DRY LOCATIONS AND N.E.M.A. 3R ENCLOSURE FOR DAMP OR WET LOCATIONS.
 - DISCONNECT SWITCHES SHALL BE MANUFACTURED BY SQUARE D OR BY APPROVED ALTERNATE MANUFACTURERS: GENERAL ELECTRIC, WESTINGHOUSE OR SIEMENS. SHALL BE WESTINGHOUSE TYPE "MS" SERIES OR EQUIVALENT, WITH PILOT

- HANGERS AND SUPPORTS:
 - SUPPORT CONDUIT RUNS DIRECTLY ADJACENT TO BUILDING CONSTRUCTION WITH SUITABLE ONE AND TWO-HOLE STRAPS AND/OR CLAMP-TYPE HANGERS. SUPPORT CONDUIT RUNS NOT ADJACENT TO BUILDING CONSTRUCTION WITH SUITABLE, ADJUSTABLE HANGERS. DO NOT USE PERFORATED STRAP-TYPE HANGER, WIRE TIES OR PLUMBERS STRAP.
 - PROVIDE ANGLE IRON FRAMES AND SUPPORTS FOR JUNCTION BOXS AND CABINETS TO PREVENT STRAIN ON ENTERING CONDUITS. GROUP EXPOSED CONDUITS TOGETHER. CONDUIT PENETRATIONS IN CEILINGS SHALL BE TIGHT TO THE CONDUIT AND SEALED.
 - SUPPORT RIGID STEEL, IMC, AND EMT RACEWAYS AT MAX. TEN FEET INTERVALS AND WITHIN THREE FEET OF OUTLET AND JUNCTION BOXS, CABINETS OR FITTINGS. SUPPORT WITHIN 12" OF EACH CHANGE IN DIRECTION. USE ONE-HOLE MALLEABLE IRON CLAMPS. SUPPORT MULTIPLE RUNS ON GALVANIZED UNISTRUT.
 - DO NOT SUPPORT ELECTRICAL RACEWAYS, BOXES, FIXTURES AND EQUIPMENT FROM CEILING SUPPORT SYSTEMS, MECHANICAL SYSTEM SUPPORTS, OR MECHANICAL SYSTEMS.
- ALL EQUIPMENT MOUNTED ON EQUIPMENT ROOM WALLS SHALL BE ATTACHED TO 3/4" PLYWOOD BOARDS, PAINTED WITH FIRE RESISTANT PAINT.

SECTION 16400 - SERVICE AND DISTRIBUTION

- GROUNDING:
 - GROUND ALL ELECTRICAL SYSTEM CONDUITS, MOTORS, PANELS AND OTHER EXPOSED NON-CURRENT CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ALL PROVISIONS OF THE NATIONAL ELECTRICAL CODE, STATE BUILDING CODE AND LOCAL OR REGIONAL CODES.
 - GROUNDING OF THE ELECTRICAL SYSTEM SHALL BE BY MEANS OF AN INSULATED GROUNDING CONDUCTOR INSTALLED WITH FEEDER AND BRANCH CIRCUIT CONDUCTORS IN ALL CONDUITS. GROUNDING CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH N.E.C. ARTICLE 250.
 - SYSTEM NEUTRAL CONDUCTORS SHALL BE GROUNDED AT THE SOURCE. NEUTRAL CONDUCTORS SHALL NOT BE USED FOR EQUIPMENT GROUNDING.
 - THE GROUNDING CONDUCTOR FOR BRANCH CIRCUITS FEEDING ISOLATED GROUND RECEPTACLES SHALL BE CONNECTED ONLY AT THE ISOLATED GROUND RECEPTACLE GROUND TERMINALS, AND AT THE GROUND BUS OF THE SERVING PANEL.
- PROVIDE 75 DEGREE C RATED CONNECTIONS THROUGHOUT.

SECTION 16500 - LIGHTING

- RECESSED AND SURFACE MOUNTED FIXTURES MOUNTED IN, OR ON CEILINGS OTHER THAN ACCESSIBLE LAY-IN CEILING SYSTEMS, SHALL BE SECURELY SUPPORTED IN A MANNER APPROVED BY THE ARCHITECT. MOUNTING SHALL ALSO BE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE ARTICLE 410, AND AS RECOMMENDED BY THE FIXTURE MANUFACTURER.
- ALL LIGHTING FIXTURES (INCLUDING "NORMALLY-OFF" EMERGENCY FIXTURES) THAT ARE CAPABLE OF BEING AIMED SHALL BE AIMED BY THE CONTRACTOR FOR THE OPTIMUM COVERAGE OF THEIR TASK, TO THE SATISFACTION OF, AND UNDER THE DIRECTION OF THE ARCHITECT.

COMMUNICATIONS

- ALL COMMUNICATIONS CABLING SHALL MEET TSC VENDOR SPECIFICATIONS FOR SHIELDED, STRANDED AND PLENUM RATED.



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FUSION / SIDE LOT
COMBO PROJECT
STORE #1866
659 WEST COSHOCTON ST
JOHNSTOWN, OH 43031

Project No.: 24.0518
Drawn By: KRS
Date: 12-6-24
Issue: PERMIT

E3.1

ELECTRICAL
SPECIFICATIONS