

GENERAL NOTES

SCALE N.T.S.

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Scale:

Date:

Sheet Title:

Sheet #:

LIFE SAFETY PLAN

AS NOTED

03/27/24

(F.E)

FIRE EXTINGUISHER

 \bigotimes

ILLUMINATED EXIT SIGN

WITH EMERGENCY LIGHTS

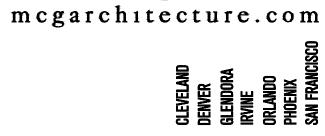
308 W. JAMES LEE BLVD. CRESTVIEW, FL 32536

Revisions:	
No. Description	Date
Project No.:	22.475.10
Drawn By:	KZ
Reviewed By:	RD

Client: J WATTS PROPERTIES, INC.

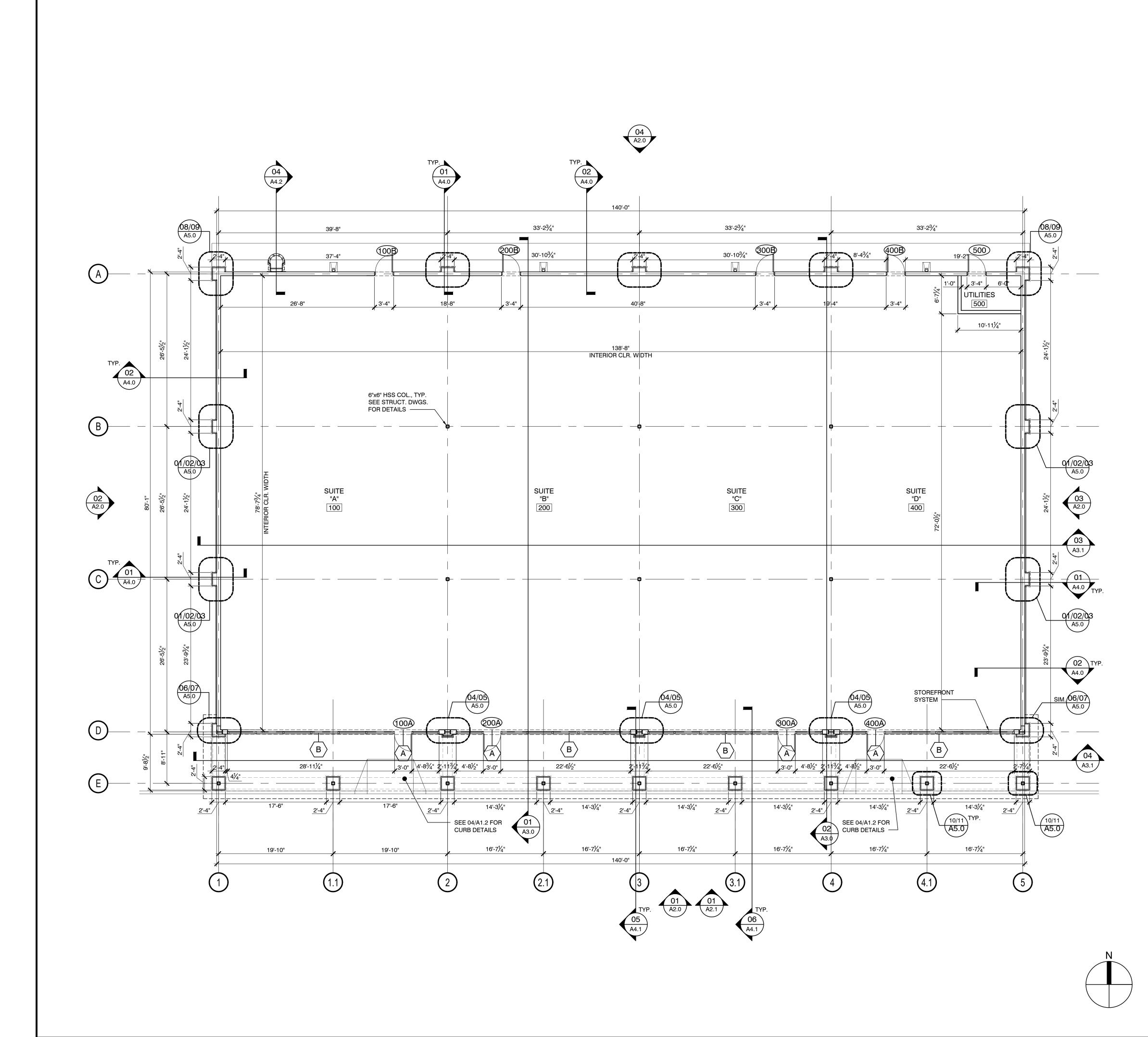
RETAIL EXPANSION TRACTOR SUPPLY CRESTVIEW CENTER	CRECTVIEW EL 32536
ETAIL EXPAN FRACTOR SU RESTVIEW CE	DECTVIEW EI

A1.1



Seal:

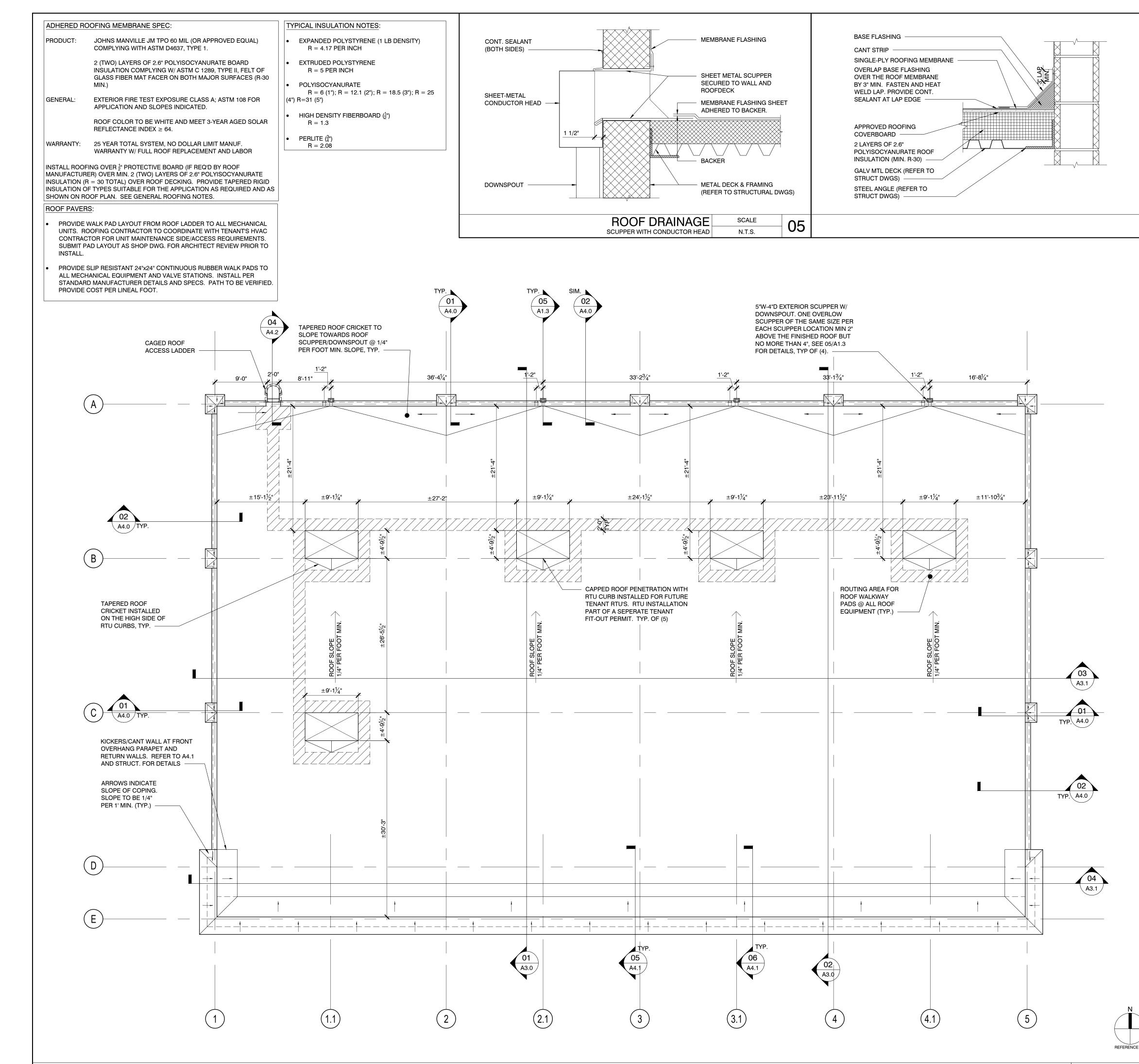
A Project for:



FLOOR PLAN

SCALE 1/8" = 1' - 0"

	4" CONC. W/ 66 W1.4x W1.4 WWF REINF. "DETECTABLE WARNING" - CURB RAMPS SHALL HAVE TRUNCATED DOMES PER A.D.A GUIDELINES. COORDINATE WITH LOCAL A.H.J CONC. E.J. @ RAMP PERIMETER W/#3x 12" DOWELS 16" O.C. EMBED 6" INTO RAMP CONC. TYP.	
	CURB RAMP DETAIL SCALE 04	
	WALL LEGEND: NEW WALL CONSTRUCTION EXTERIOR WALL FINISH CONSTRUCTION	A Project for:
	IDENTIFICATION PLAN LEGEND DESCRIPTION	
	GLAZING TAG	NSION JPPLY ENTE 32536
	DOOR TAG	ANSI SUPP CEN FL 325
	XX XXX SHEET DRAWN	ETAIL EXP RACTOR (RESTVIEW CRESTVIEW,
	SECTION NUMBER	RETA TRAC RES 320 E. CRES
	XX DETAIL NUMBER	CH CH CH
	KEYNOTES SCALE 03	
	 GENERAL NOTES FOR DRAWINGS ON THIS PAGE: VERIFY MEASUREMENTS WITH CORRESPONDING CONSTRUCTION OR EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK, AND NOTIFY THE ARCHITECT IMMEDIATELY OF SIGNIFICANT DISCREPANCIES USING THE "CONSTRUCTION REQUEST FOR INFORMATION" FORM AND SUPPLEMENTARY CONTRACTOR PROVIDED DETAILS AS REQUIRED. FINISH ELEVATIONS REFERENCED ON ARCHITECTURAL DRAWINGS ARE DATUM ELEVATIONS ABOVE THE FINISH FLOOR ELEVATION. THE CONTRACTOR MUST COORDINATE DATUM-BASED ARCHITECTURAL ELEVATIONS SHOWN WITH SITE-SPECIFIC ELEVATIONS SHOWN ON CIVIL DRAWINGS (IF ANY). PROVIDE SAMPLES OF ALL FINISHES TO ARCHITECT/DESIGNER FOR REVIEW INCLUDING INSTALLATION JOINT AND SEAM LAY-OUTS. REFERENCE ELEVATIONS, WHERE PROVIDED, FOR ADDITIONAL FINISH INFORMATION. PAINT ALL EXPOSED METAL SURFACES (ie. GRILLES, HEATERS, AND FIRE EXTINGUISHER CABINETS) TO MATCH ADJACENT SURFACE, U.N.O. THROUGHOUT THE DOCUMENTS. ALTERNATES WILL NOT BE ACCEPTED WITHOUT WRITTEN APPROVAL OF ARCHITECT /DESIGNER. SAMPLES, WHEN APPLICABLE, SHALL BE SUBMITTED FOR REVIEW. ALL HOLLOW METAL DOORS AND/OR FRAMES TO BE PAINTED WITH TWO (2) COATS OF ZERO VOC LATEX SEMI-GLOSS ENAMEL OVER PROPERLY PRIMED SURFACE. 	J WATTS PROPERTIES, INC. 308 W. JAMES LEE BLVD. CRESTVIEW, FL 32536
	 REFER TO THE DOOR SCHEDULE ON A6.0 FOR FINISH COLOR AND SPECIFICATIONS. PATCH AND REPAIR ALL GYPSUM BOARD TO REMOVE ALL HOLES AND IMPERFECTIONS. PRIME ALL WALL SURFACES WITH A MINIMUM OF TWO (2) COATS BEFORE WALL PAINT TO ASSURE COMPLETE COVERAGE AND NO PREVIOUS COLOR BLEED THROUGH. PAINT ALL WALL SURFACES, WITH A MINIMUM OF TWO (2) COATS OF QUALITY GRADE PAINT, INCLUDING TOUCH UPS AFTER MOVE IN OR UPON PUNCH-LIST. ALL BULKHEADS ARE TO BE PAINTED SAME COLOR AS ADJACENT WALL IF REQUIRED AND UNLESS NOTED OTHERWISE. DIMENSIONS ARE TO FACE OF STUD & MASONRY UNLESS NOTED OTHERWISE. ALL ITEMS TO BE COMPLETED PER SPECIFICATIONS AND GENERAL NOTES, UNLESS NOTED OTHERWISE. 	
	 TYPICAL PERIMETER WALLS TO BE 8" CMU WALL. INTERIOR GYP. BD. FINISH TO BE PROVIDED BY TENANT PER SEPARATE INTERIOR BUILD-OUT PERMIT DRAWINGS. ALL FUTURE TENANT INTERIOR WALLS TO BE PART OF A SEPARATE SUBMITTAL AND 	No. Description Date
	DRAWING PACKAGE. 15. G.C. SHALL PROVIDE PRODUCTS COMPLETE WITH ACCESSORIES, TRIM, FINISH, FASTENERS, AND OTHER ITEMS NEEDED FOR A COMPLETE INSTALLATION AND	Project No.: 22.475.10 Drawn By: KZ
	INDICATED USE AND EFFECT. 16. REFERENCE TO MATERIALS OR SYSTEMS HEREIN BY NAME, MAKE, OR CATALOG NUMBER IS INTENDED TO ESTABLISH A STANDARD QUALITY, AND NOT TO LIMIT	Reviewed By: RD Scale: AS NOTED
	COMPETITION; AND THE WORDS "OR APPROVED EQUIVALENT" ARE IMPLIED FOLLOWING EACH BRAND NAME " OR APPROVED EQUAL". MATERIALS SHALL BE APPROVED BY ARCHITECT AND OWNER PRIOR TO ACCEPTANCE FOR USE.	Date: 03/27/24
	 SEE DETAIL 10/A5.2 FOR TYPICAL MASONRY CONTROL JOINT DETAILS. PROVIDE AND INSTALL KNOX BOX FOR FIRE DEPT. ACCESS - CONFIRM W/ LOCAL FIRE AUTHORITY LOCATION, QUANTITY, & MODEL NUMBER TO BE ORDERED AND INSTALLED. PROVIDE TEMPORARY FIRE EXTINGUISHERS IN SPACES LOCATED PER THE REQUIREMENTS OF NFPA 10. THE SIZE SHALL BE A MINIMUM OF 2A 10 BC, ARE REQUIRED AND SHALL BE INSTALLED AT A MAXIMUM OF 48" ABOVE FINISH FLOOR TO THE TOP OF THE HANDLE. MOUNT IN LOCATIONS APPROVED BY LOCAL FIRE DEPARTMENT 	Sheet Title:
	 DEPARTMENT. 20. REFER TO SEPERATE CIVIL DRAWINGS FOR ALL SITE WORK, INCLUDING, BUT NOT LIMITED TO: SIDEWALKS, CURBS, LANDSCAPING BEDS, ETCETERA - TYPICAL. 21. PROVIDE CONCRETE LANDINGS @ EXIT DOORS - REFER TO SEPERATE CIVIL DRAWINGS 	Sheet #:
	DRAWINGS.	A1.2
02	GENERAL NOTES SCALE 01	© MCG ARCHITECTURE 2024 ALL RIGHTS RESERVED



ROOF PLAN

SCALE 1/8" = 1' - 0"

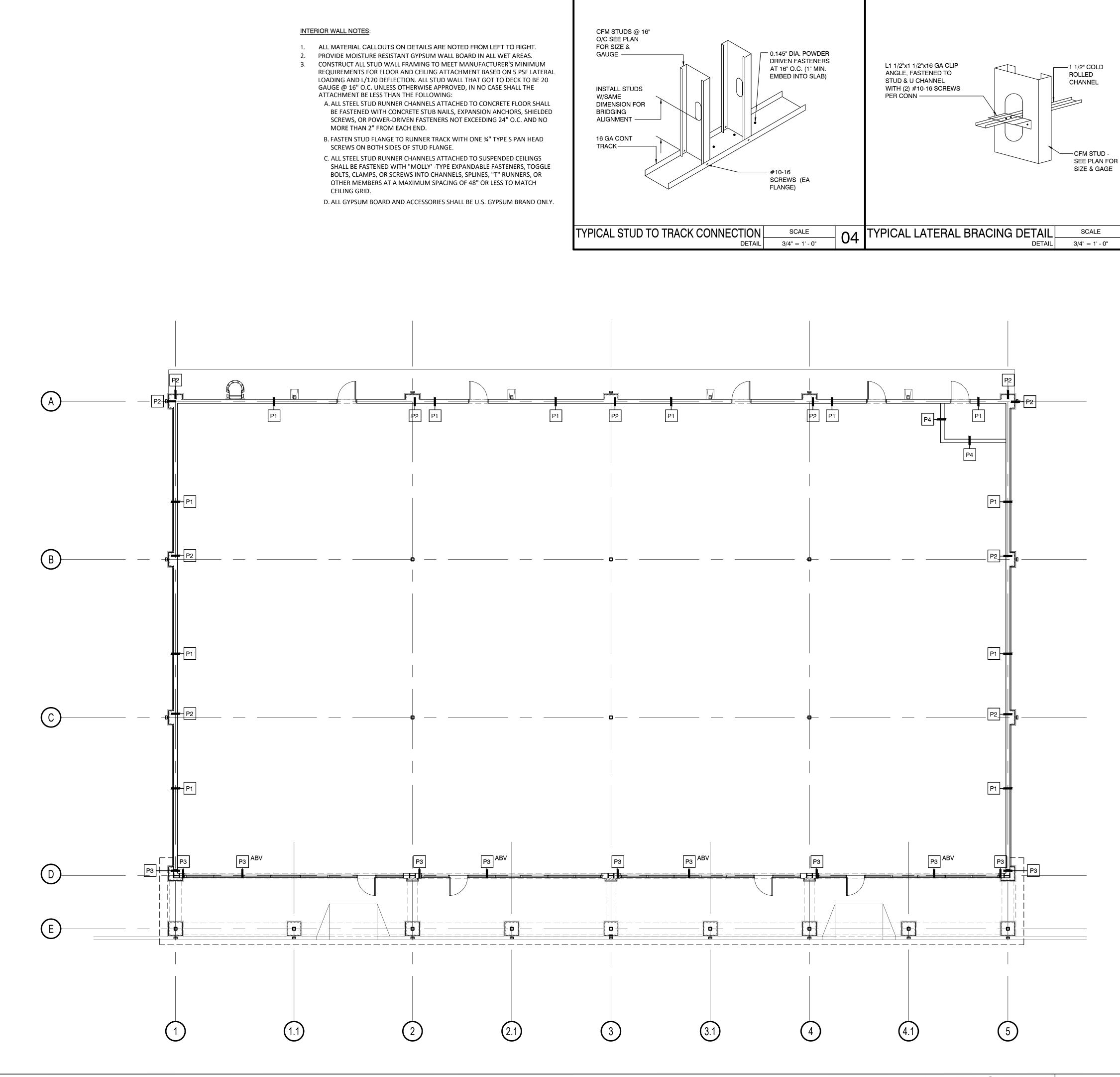


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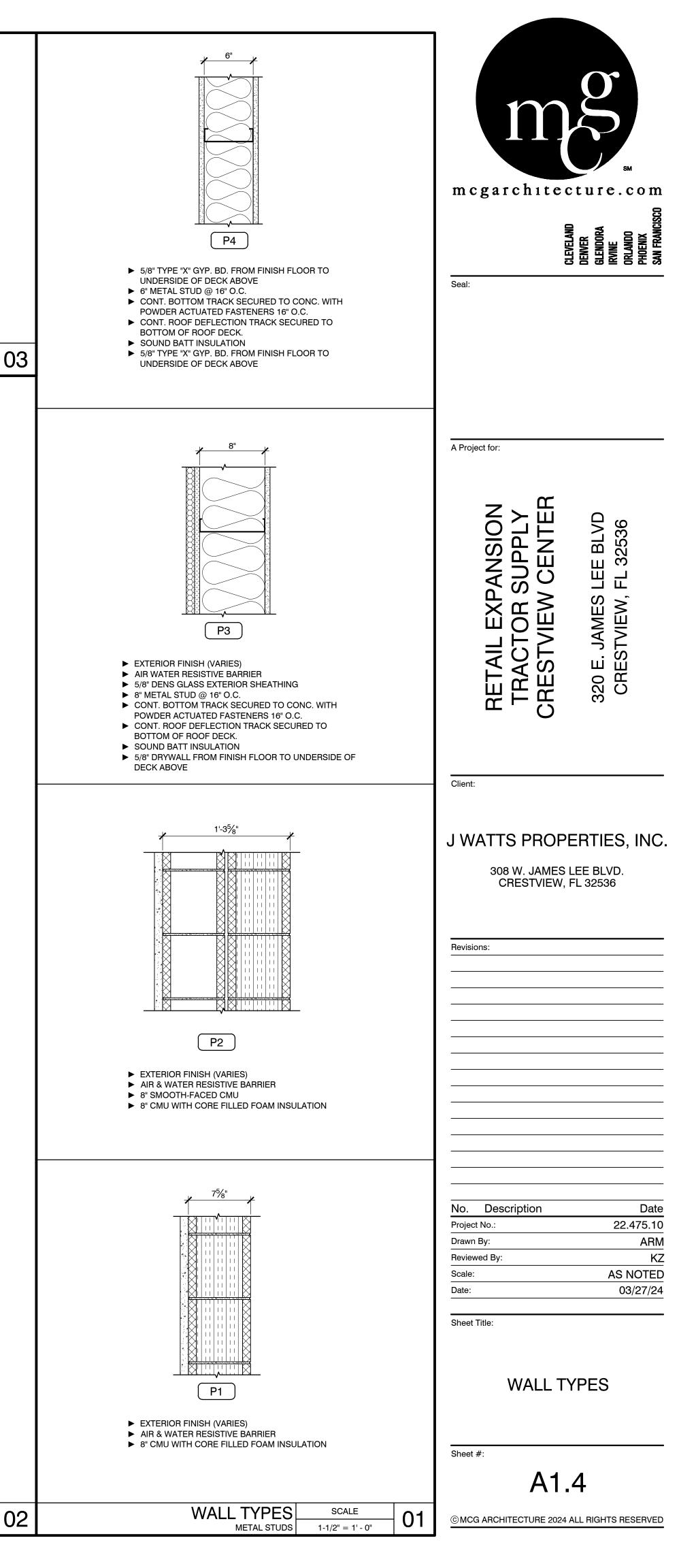
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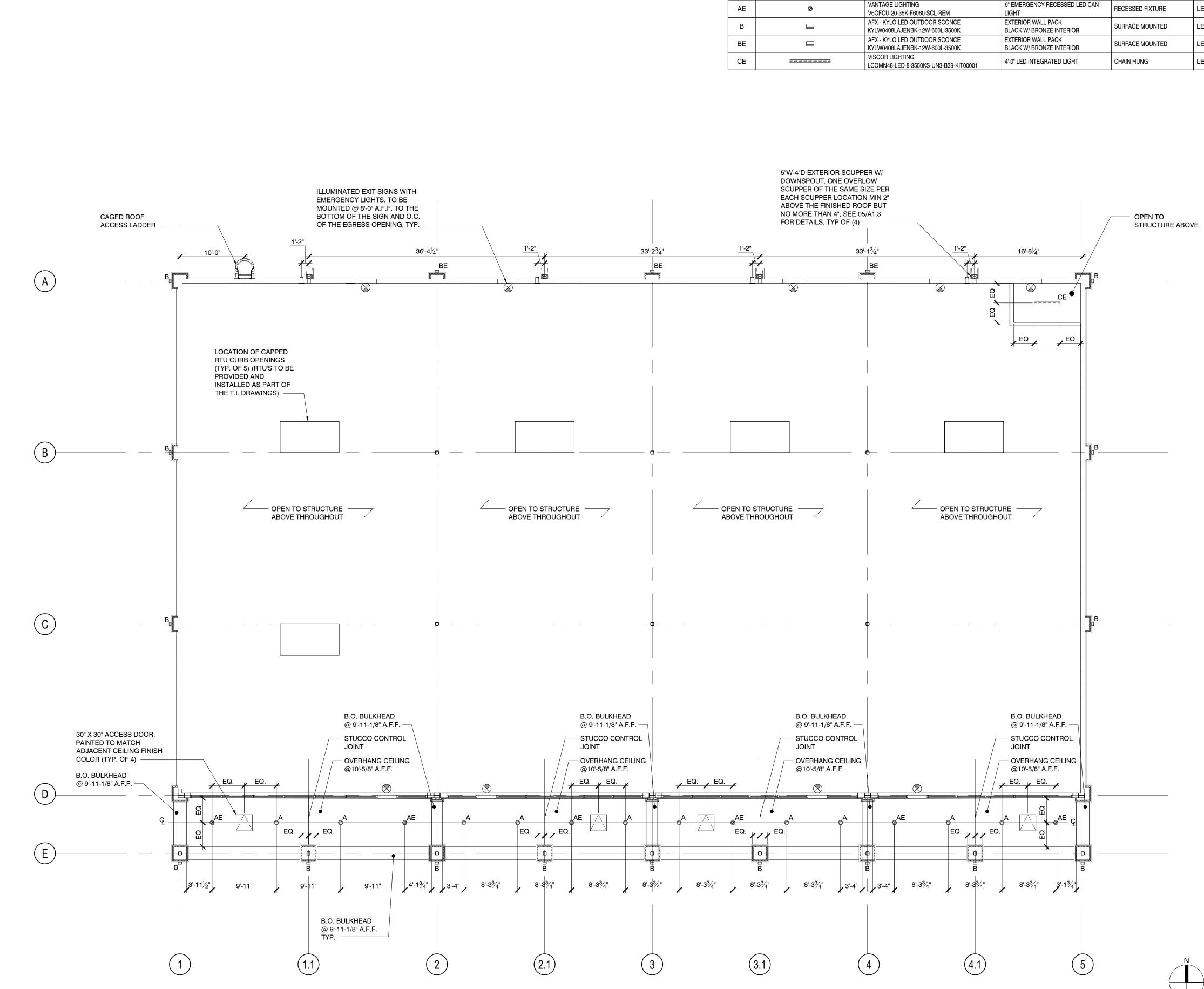
RD



WALL TYPES KEYPLAN

SCALE 1/8" = 1' - 0"





TYPE	SYMBOL	MANUFACT./CAT. #	DESCRIPTION	MOUNTING TYPE	LAMP(S)	VOLTS	WATTS	REMARKS
А	0	VANTAGE LIGHTING V6OFCU-20-35K-F6060-SCL	6" RECESSED LED CAN LIGHT	RECESSED FIXTURE	LED	120V	26W	
AE	Ø	VANTAGE LIGHTING V6OFCU-20-35K-F6060-SCL-REM	6" EMERGENCY RECESSED LED CAN LIGHT	RECESSED FIXTURE	LED	120V	26W	6" RECESSED CAN WITH EMERGENCY BATTERY BACKUP
В		AFX - KYLO LED OUTDOOR SCONCE KYLW0408LAJENBK-12W-600L-3500K	EXTERIOR WALL PACK BLACK W/ BRONZE INTERIOR	SURFACE MOUNTED	LED	120V	12W	LED WALLPACK
BE		AFX - KYLO LED OUTDOOR SCONCE KYLW0408LAJENBK-12W-600L-3500K	EXTERIOR WALL PACK BLACK W/ BRONZE INTERIOR	SURFACE MOUNTED	LED	120V	12W	LED WALLPACK WITH EMERGENCY BATTERY BACKUP
CE		VISCOR LIGHTING LCOMN48-LED-8-3550KS-UN3-B39-KIT00001	4'-0" LED INTEGRATED LIGHT	CHAIN HUNG	LED	120V	33W	1X4 UTILITY STRIP WITH EMERGENCY BACKUP

REFLECTED CEILING PLAN

SCALE 1/8" = 1' - 0"

REFERENCE

c g a r c h i t e c t u r e . c ON BANAG Diject for:
RETAIL EXPANSION TRACTOR SUPPLY CRESTVIEW CENTER 320 E. JAMES LEE BLVD CRESTVIEW, FL 32536

1.	LIGHTS ARE SHOWN FOR LOCATION ONLY. SEE ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION.
2.	CONTINUOUS ROOF DEFLECTION TRACK SECURED TO BOTTOM OF ROOF DECK AS NOTED FOR WALLS THAT GO TO DECK - SEE 16/A6.1 &17/A6.1
1.	DO NOT SCALE DRAWING
2.	IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CROSS-CHECK THE M.E.P. DRAWINGS WITH THE ARCHITECTURAL DRAWING PRIOR TO THE ORDERING / INSTALLATION OF MECHANICAL, ELECTRICAL AND PLUMBING WORK. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND M.E.P. DRAWINGS SHALL BE BROUGHT TO THE ARCHITECTS' ATTENTION FOR IMMEDIATE CLARIFICATION.
3.	ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE STATE, CITY AND LOCAL CODES AND ORDINANCES AT THE LOCATION OF THE PROJECT.
4.	WHERE EXISTING CONDITIONS ARE CUT OR DISTURBED TO PERMIT INSTALLATION OF NEW WORK, MATCH AND PATCH EXISTING DISTURBED CONSTRUCTION TO ORIGINAL CONDITION.
5.	DIMENSIONS AND CONDITIONS SHALL BE VERIFIED IN THE FIELD BY THE GENERAL CONTRACTOR (G.C.) PRIOR TO CONSTRUCTION OR ORDER OF MATERIALS. ANY REVISIONS, CHANGES, DEVIATIONS OR INCONSISTENCIES BETWEEN THE AS-BUILT CONDITIONS AND THESE DRAWINGS SHALL IMMEDIATELY BE REPORTED TO THE OWNER BEFORE CONSTRUCTION.
6.	ALL EMERGENCY LIGHTS AND EXIT SIGNS MUST BE WORKING ON EMERGENCY BATTERY BACKUP. LABEL THE ELECTRICAL BREAKER THAT CONTROLS THE EXIT SIGN AND EMERGENCY LIGHTS

GENERAL CEILING NOTES:

Date No. Description 22.475.10 Project No.: ΚZ Drawn By: RD Reviewed By: AS NOTED Scale: 03/27/24 Date:

Sheet Title:

REFLECTED **CEILING PLAN**

Sheet #:

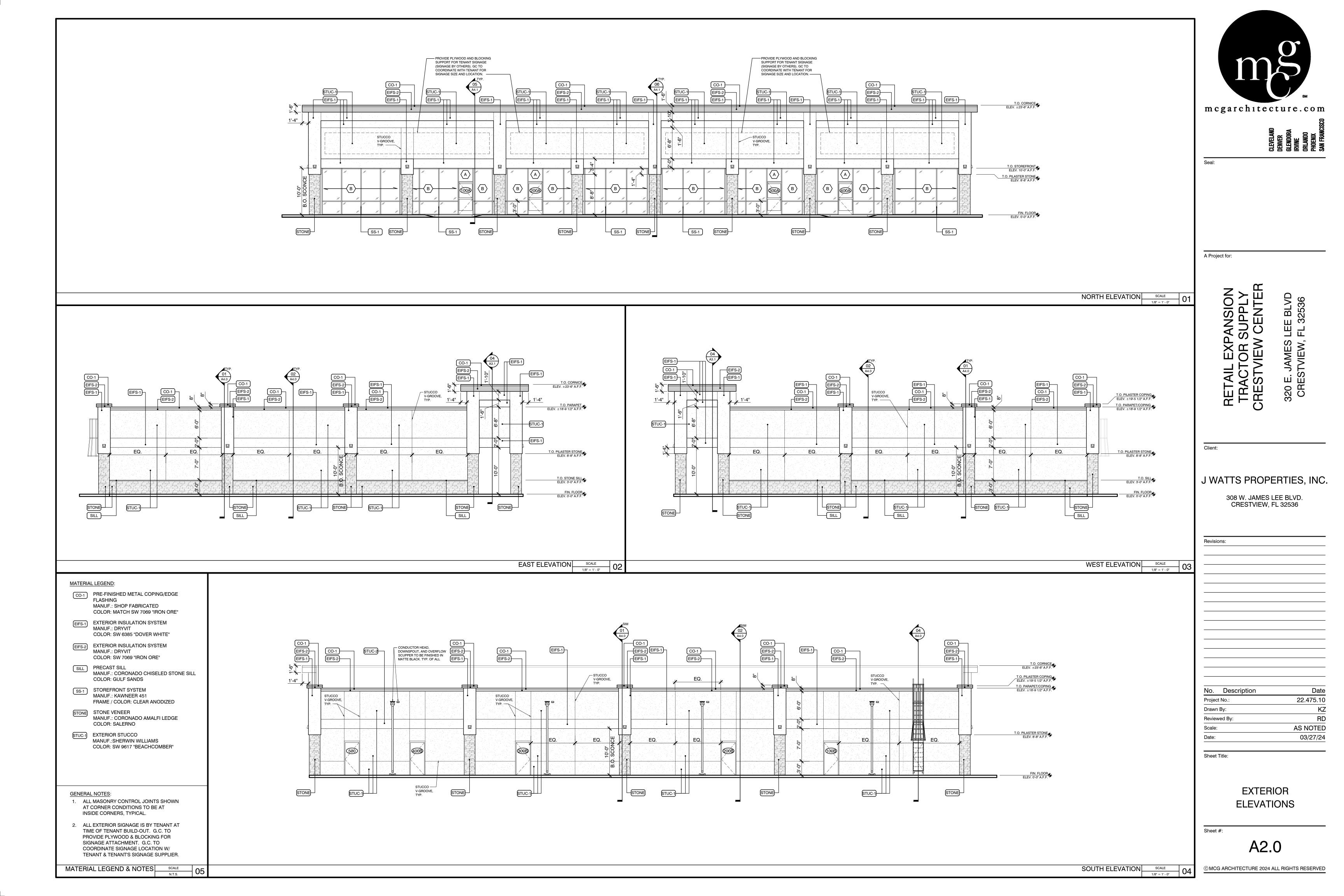


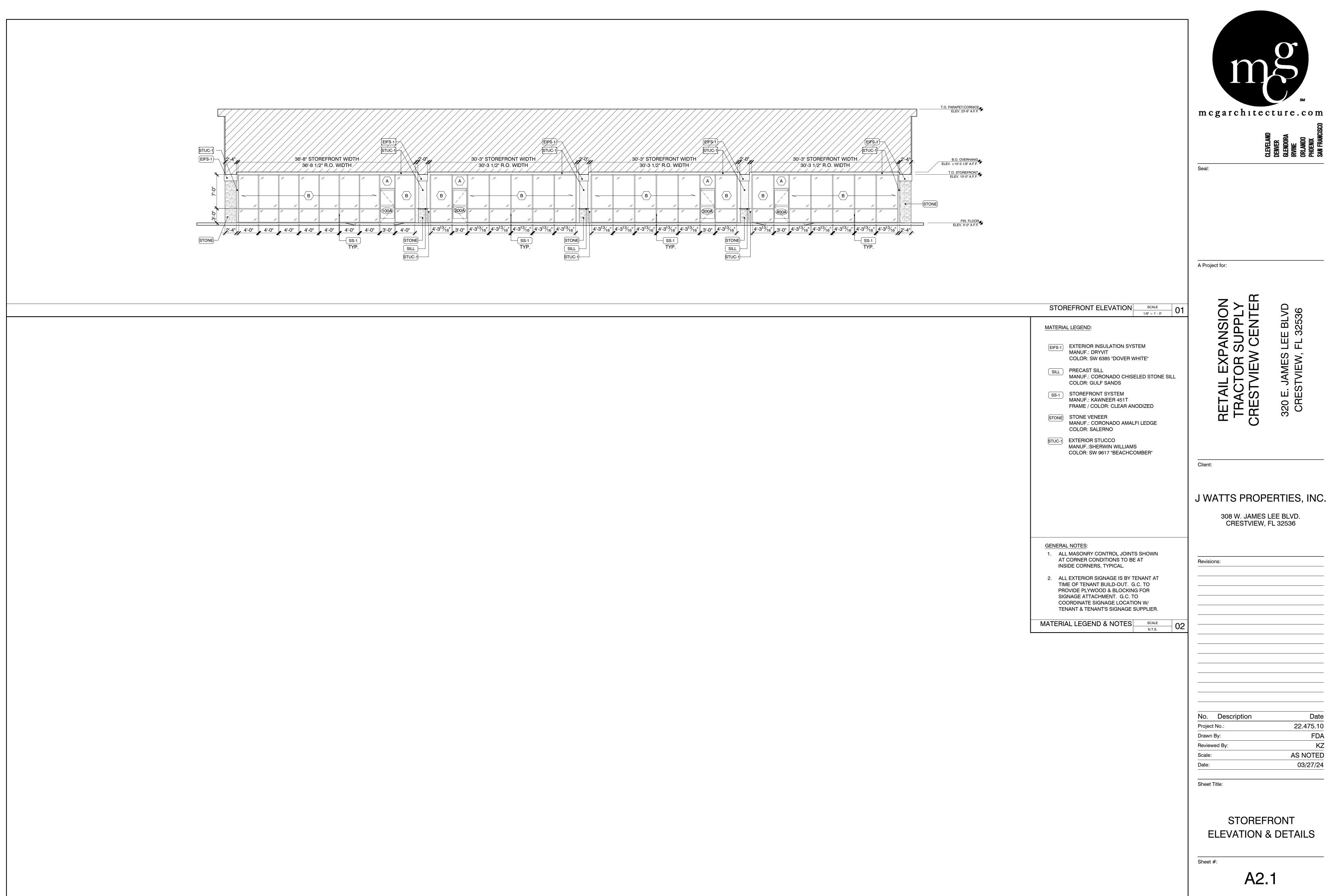
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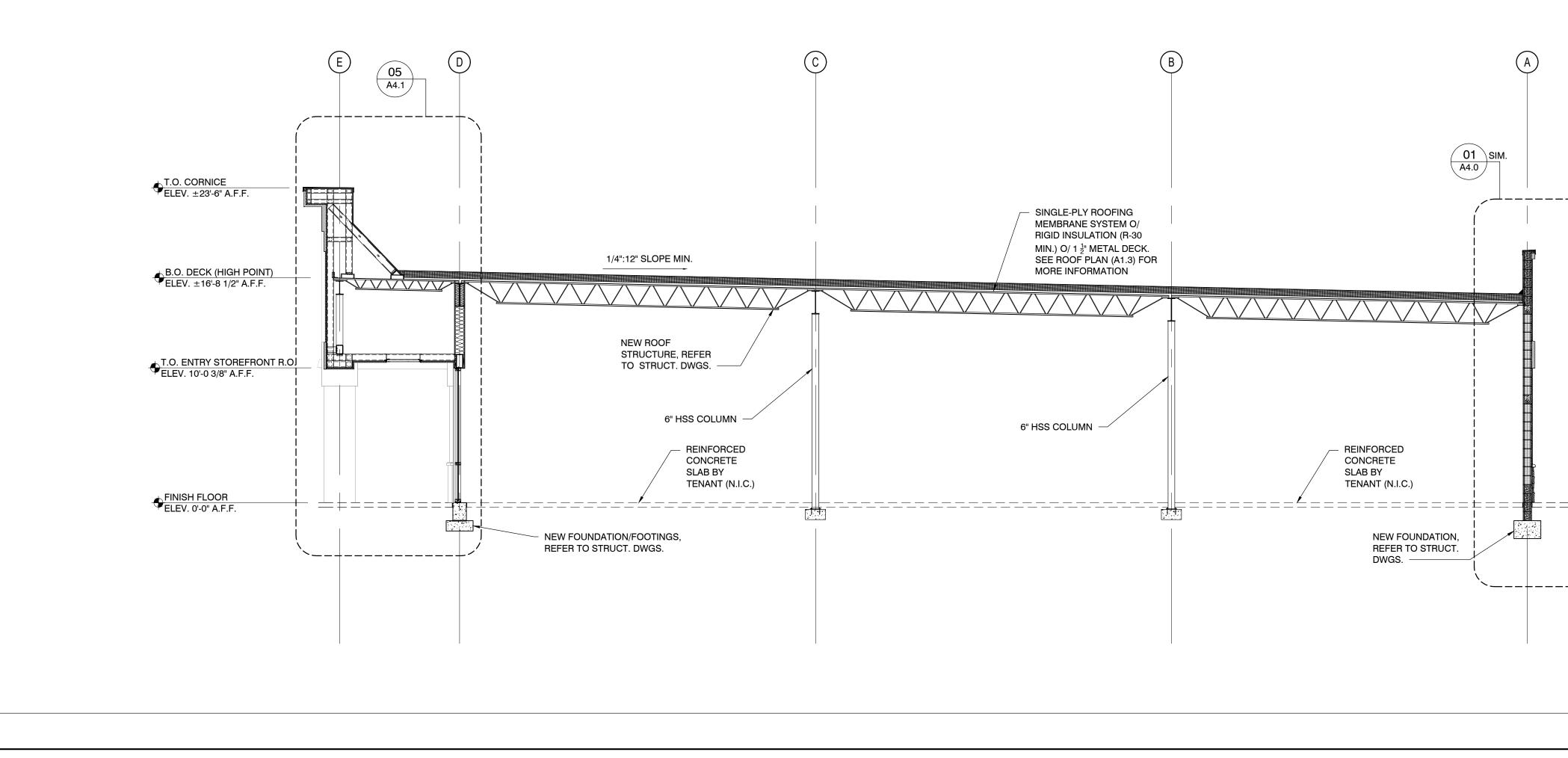
GENERAL NOTES

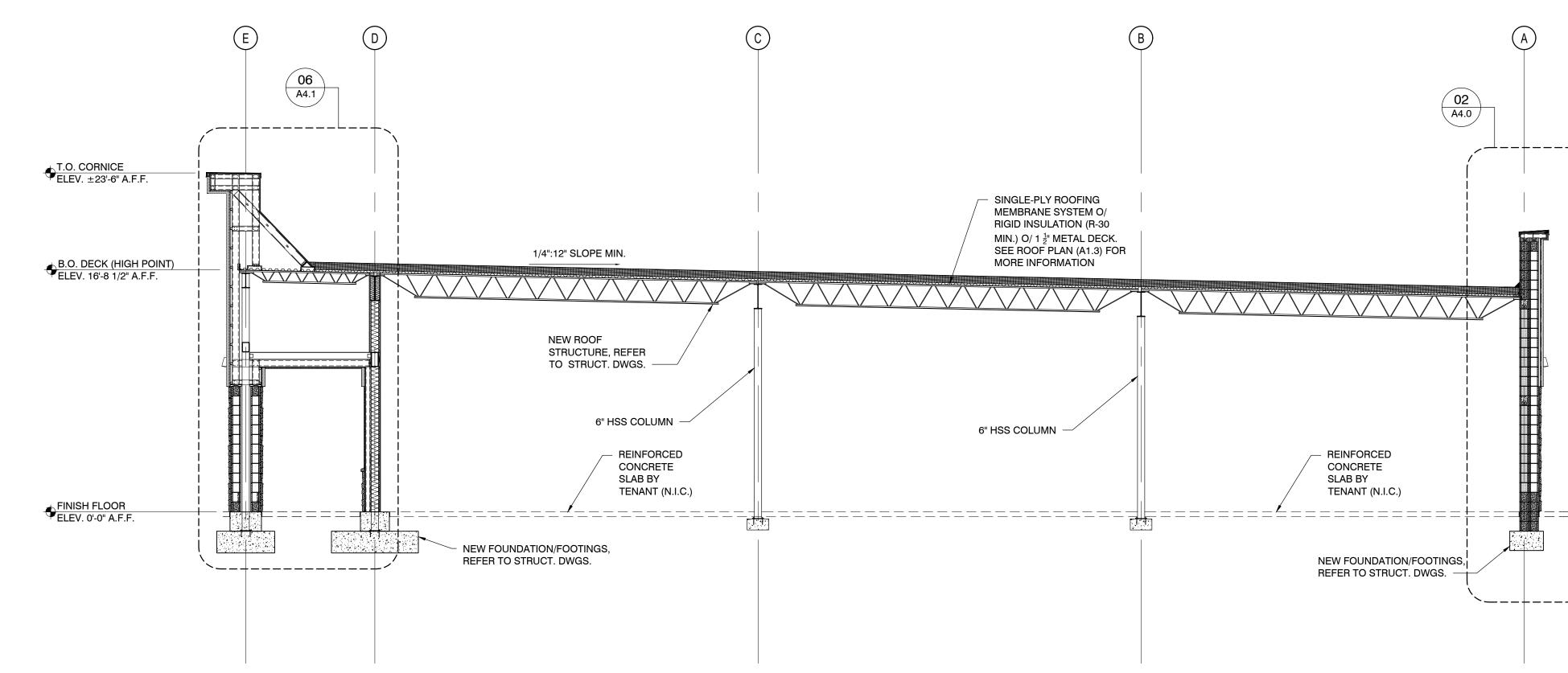
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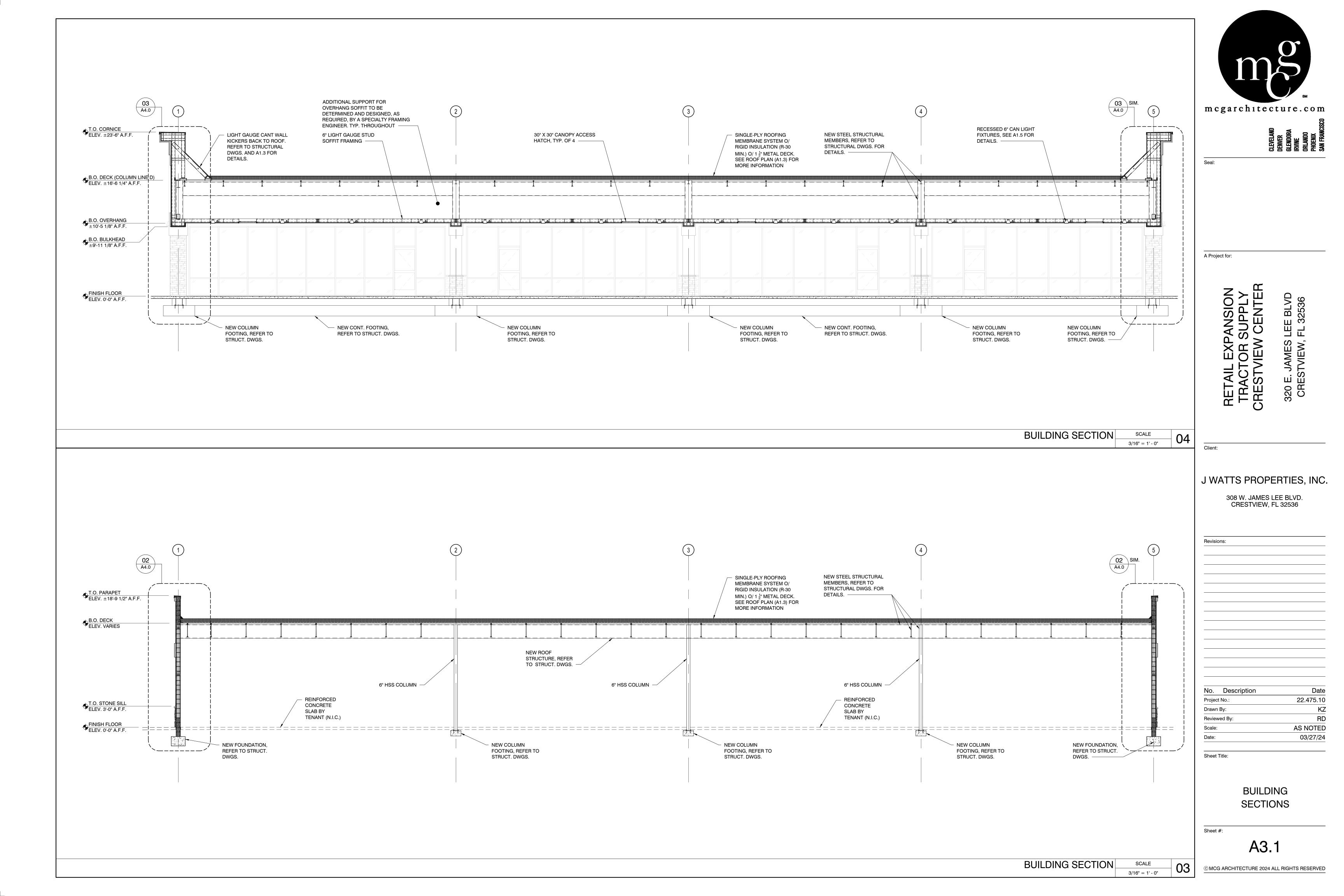


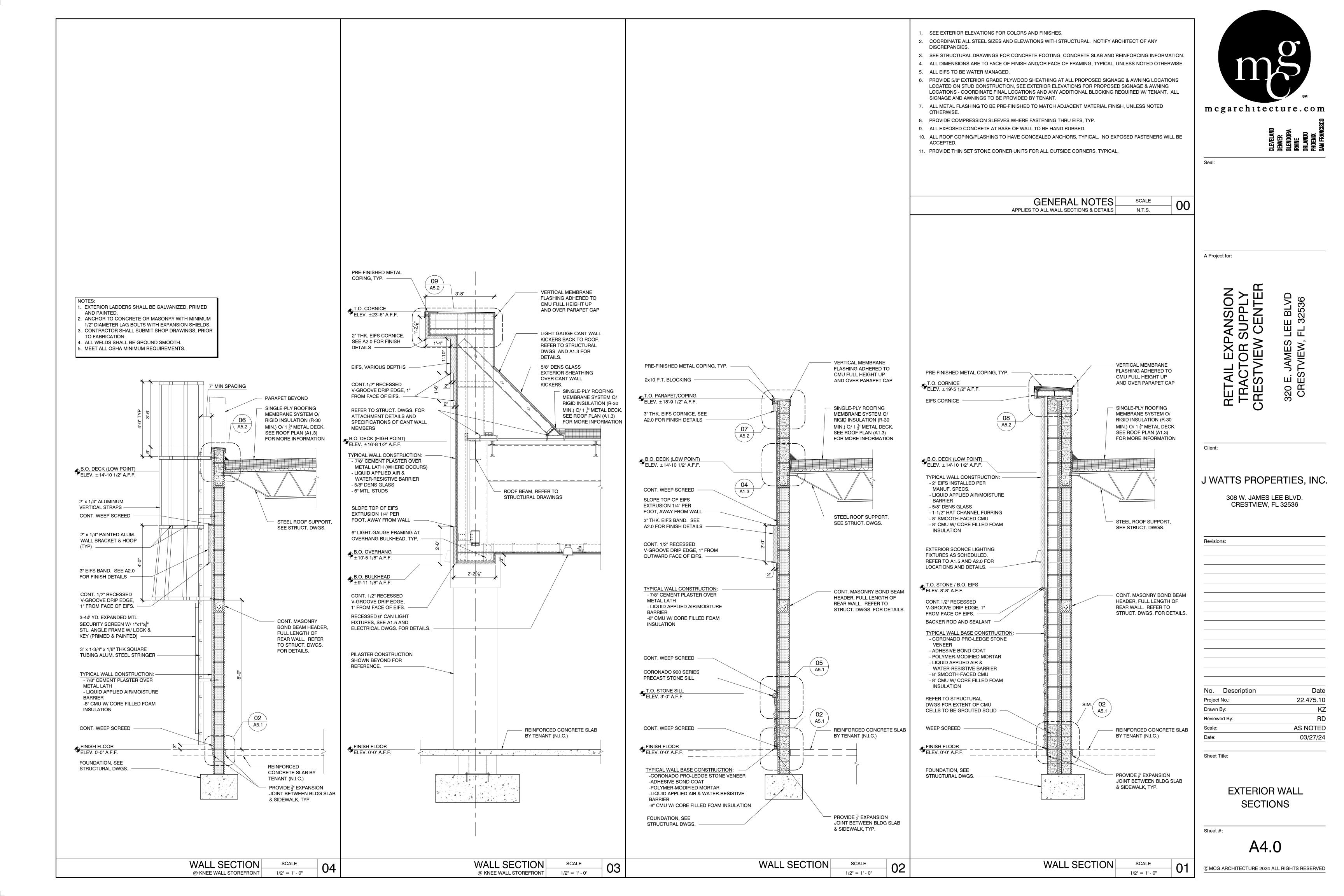


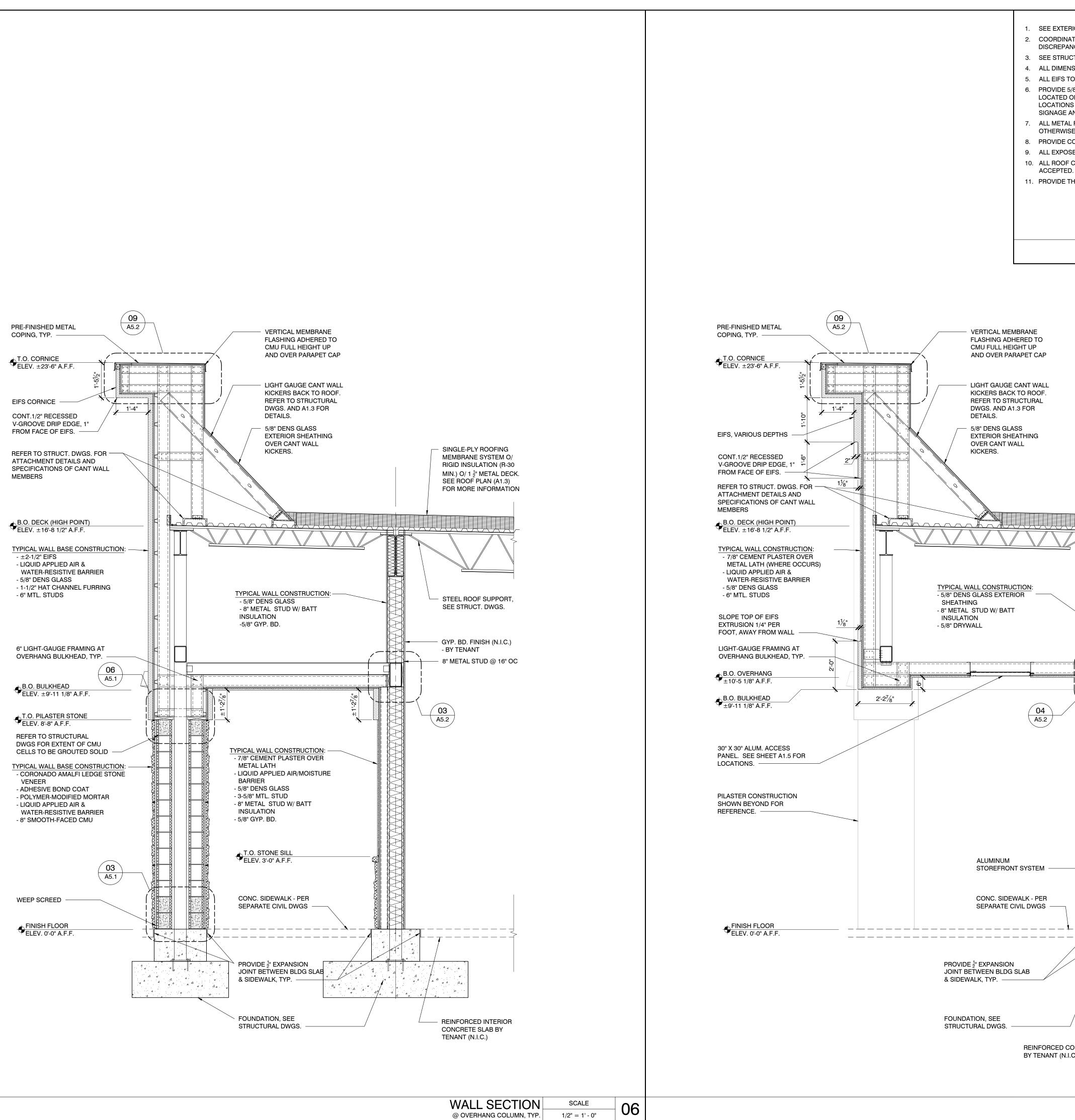




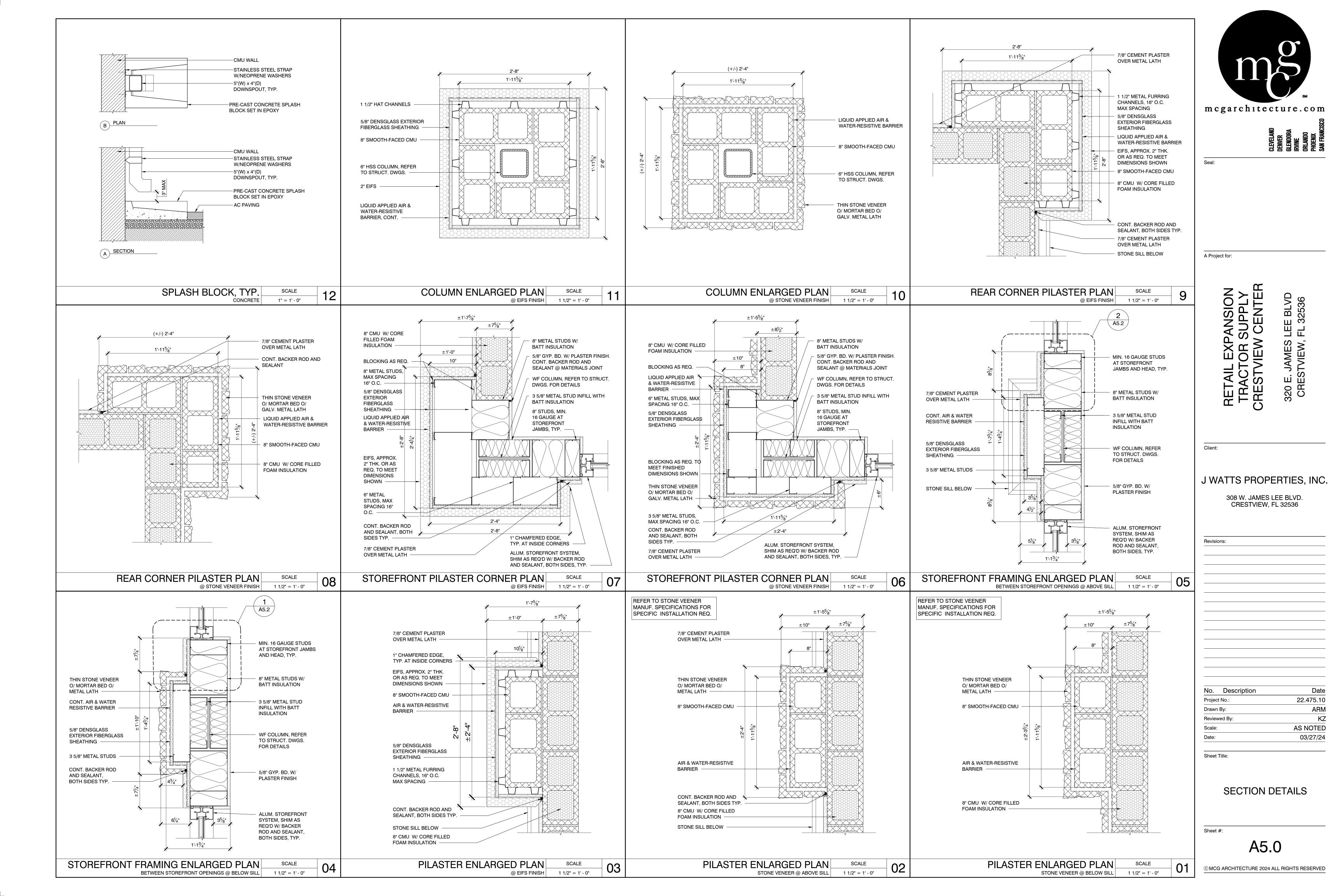
			mcgarchitec	ture.com ≅
316 - 1 - 0 Otert J WATTS PROPERTIES, INC. S08 W. JAMES LEE BLVD. CRESTVIEW, FL 32536 Beviatore: Image: Solution of the second se			RETAIL EXPANSION TRACTOR SUPPLY RESTVIEW CENTER	
BUILDING SECTION SCALE 01	BUILDING SECTION		J WATTS PROPE 308 W. JAMES L CRESTVIEW, F	.EE BLVD.
BUILDING SECTION SCALE 01				
BUILDING SECTION SCALE O1 © MCG ABCHITECTUBE 2024 ALL BIGHTS BESERVED			Project No.: Drawn By: Reviewed By: Scale: Date: Date: Sheet Title: BUILDI SECTIC	22.475.10 KZ RD AS NOTED 03/27/24
	BUILDING SECTION	01		

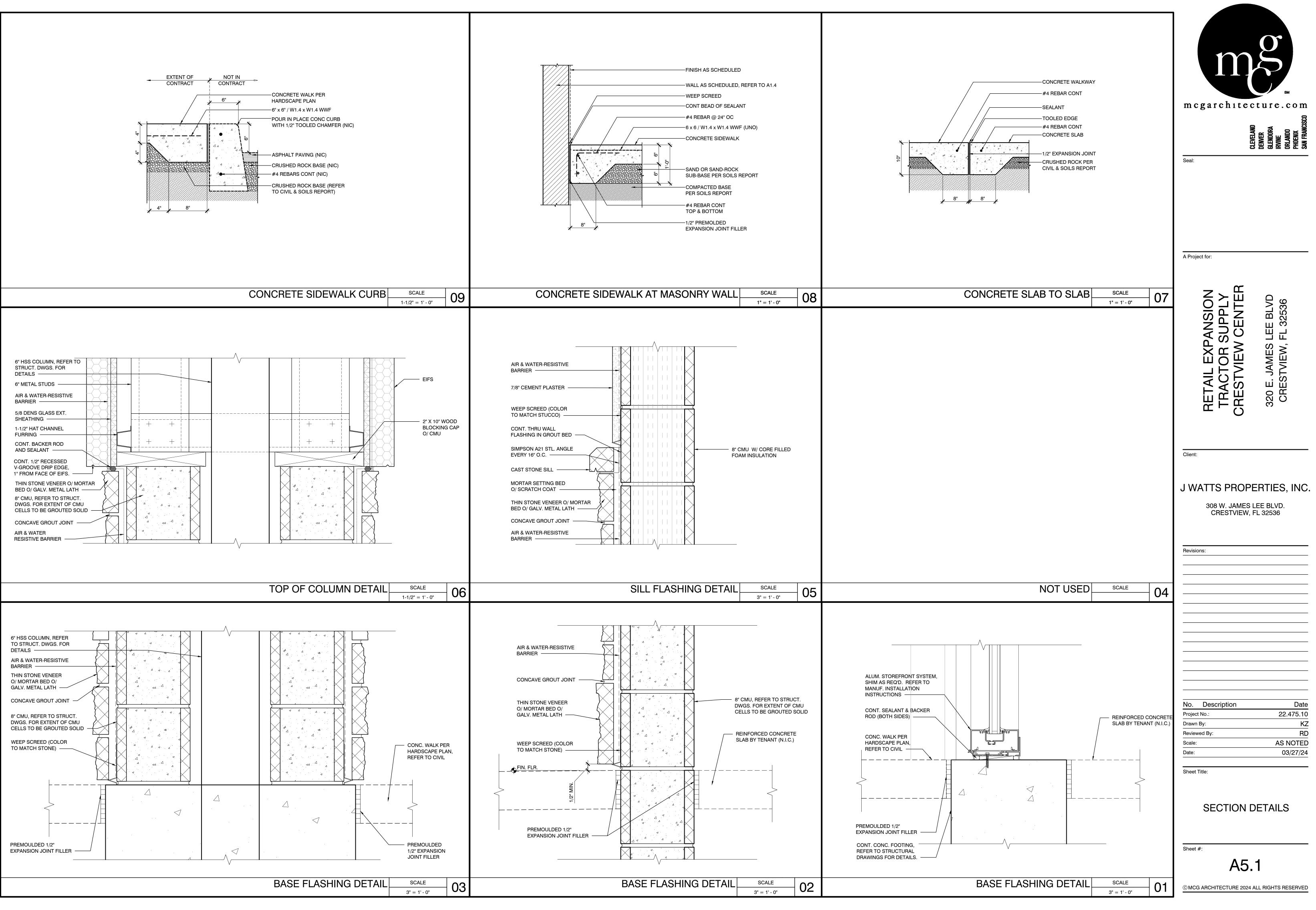


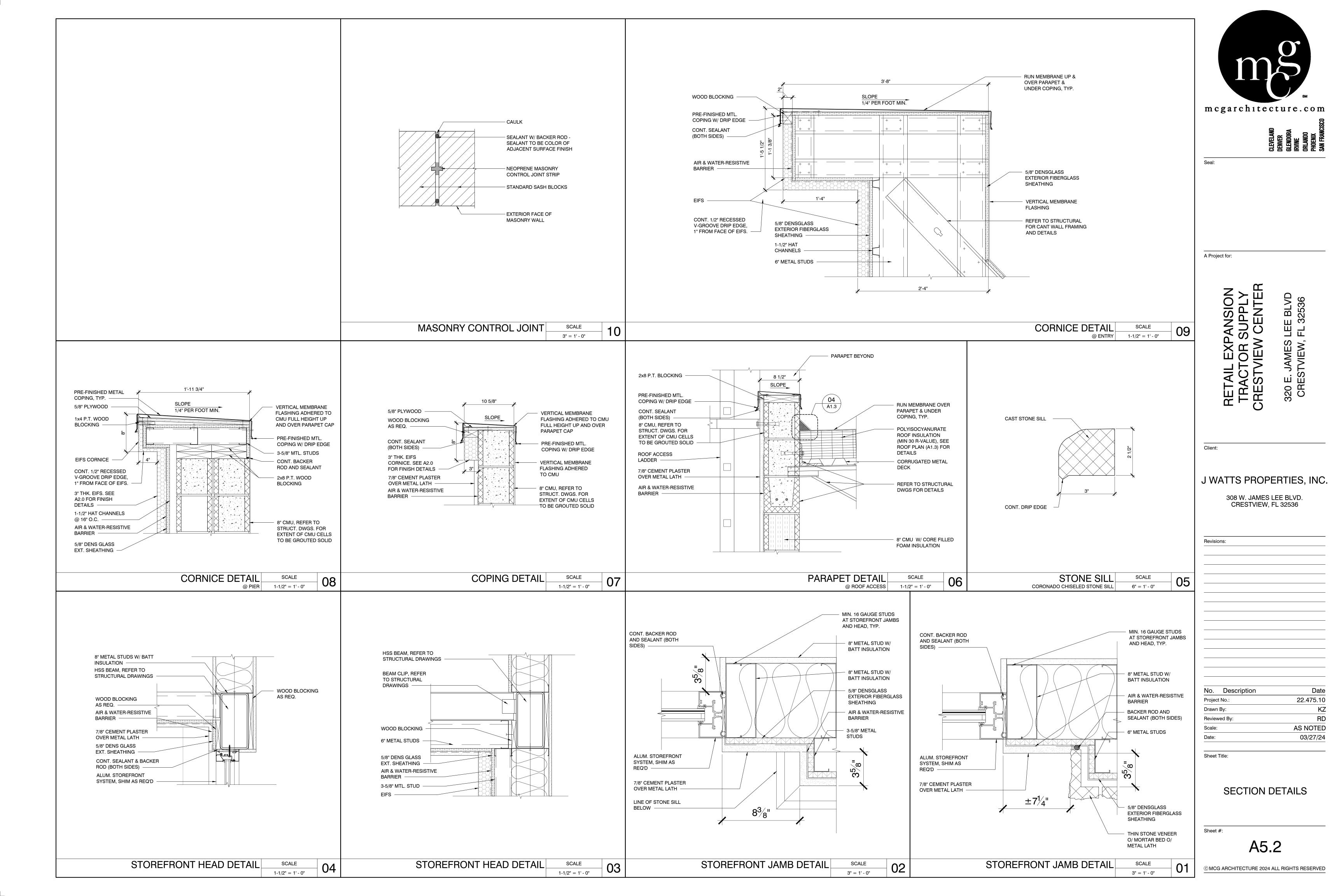




1. SEE EXTERIOR ELEVATIONS FOR COLORS AND FINISHES. 2. COORDINATE ALL STEEL SIZES AND ELEVATIONS WITH STRUCTURAL. NOTIFY ARCHITECT OF ANY DISCREPANCIES. 3. SEE STRUCTURAL DRAWINGS FOR CONCRETE FOOTING, CONCRETE SLAB AND REINFORCING INFORMATION. 4. ALL DIMENSIONS ARE TO FACE OF FINISH AND/OR FACE OF FRAMING, TYPICAL, UNLESS NOTED OTHERWISE. 5. ALL EIFS TO BE WATER MANAGED. REFER TO MANUF. SPECIFICATIONS. 6. PROVIDE 5/8" EXTERIOR GRADE PLYWOOD SHEATHING AT ALL PROPOSED SIGNAGE & AWNING LOCATIONS LOCATED ON STUD CONSTRUCTION, SEE EXTERIOR ELEVATIONS FOR PROPOSED SIGNAGE & AWNING LOCATIONS - COORDINATE FINAL LOCATIONS AND ANY ADDITIONAL BLOCKING REQUIRED W/ TENANT. ALL SIGNAGE AND AWNINGS TO BE PROVIDED BY TENANT. 7. ALL METAL FLASHING TO BE PRE-FINISHED TO MATCH ADJACENT MATERIAL FINISH, UNLESS NOTED mcgarch1tecture.com OTHERWISE. 8. PROVIDE COMPRESSION SLEEVES WHERE FASTENING THRU EIFS, TYP. 9. ALL EXPOSED CONCRETE AT BASE OF WALL TO BE HAND RUBBED 10. ALL ROOF COPING/FLASHING TO HAVE CONCEALED ANCHORS, TYPICAL. NO EXPOSED FASTENERS WILL BE ACCEPTED. 11. PROVIDE THIN SET STONE CORNER UNITS FOR ALL OUTSIDE CORNERS, TYPICAL. Seal: **GENERAL NOTES** SCALE 00 APPLIES TO ALL WALL SECTIONS & DETAILS N.T.S. A Project for: CENTEI E BLVI 32536 <u>S</u> SUPI > E. JAMES STVIEW, Υ STVIE С SINGLE-PLY ROOFING MEMBRANE SYSTEM O/ AIL **RIGID INSULATION (R-30** \mathbf{O} MIN.) O/ 1 $\frac{1}{2}$ METAL DECK. 20 E. CRES SEE ROOF PLAN (A1.3) Ш Ш FOR MORE INFORMATION Ш m ()Client: STEEL ROOF SUPPORT, J WATTS PROPERTIES, INC. SEE STRUCT. DWGS. - MTL STUD INFILL WITH BATT INSUL. BETWEEN BEAM FLANGES 308 W. JAMES LEE BLVD. CRESTVIEW, FL 32536 GYP. BD. FINISH (N.I.C.) - BY TENANT - 8" METAL STUD @ 16" OC **Revisions:** 04 A5.2 No. Description Date ∕ 01 Ì 22.475.10 Project No.: A5.1 ΚZ Drawn By: RD Reviewed By: AS NOTED Scale: 03/27/24 Date: ╉╾╴╾╶┥ Sheet Title: **EXTERIOR WALL** SECTIONS REINFORCED CONCRETE SLAB BY TENANT (N.I.C.) -Sheet #: A4.1 WALL SECTION SCALE 05 © MCG ARCHITECTURE 2024 ALL RIGHTS RESERVED @ OVERHANG, TYP. 1/2" = 1' - 0"







EXTERIOR ALUMINUM STOREFRONT: MANUFACTURER: KAWNEER

PRODUCT: 451 ALUMINUM STOREFRONT

- EXTERIOR STOREFRONT NOTES: 1. 2" x 4 1/2" DEEP FRAMING MEMBERS - ASTM B 221; 6063-T5 ALLOW AND TEMPER
- 2. CENTER GLAZING SYSTEM 3. SUPPLIER TO VERIFY ALL WIND LOAD AND DEFLECTION CRITERIA AND PROVIDE ALL ACCESSORIES AND REINFORCEMENT AS REQ'D BY APPLICABLE CODES AND FOR A COMPLETE INSTALLATION.
- 4. SUPPLIER TO PROVIDE AND INSTALL ANY REQUIRED BRAKE METAL PANELS AS REQ'ED TO COVER ANY STRUCTURE, FRAMING, OR ADJACENT / INTERVENING CONSTRUCTION.
- PROVIDE CONT. EXTRUDED SILL FLASHING AT EACH EXT. FRAMING UNIT. 6. PROVIDE CONC. EXTRUDED, THERMALLY BROKEN HEAD RECEPTOR AT EACH FRAMING UNIT.
- WHERE ALUMINUM WILL CONTACT DISSIMILAR METALS, PROTECT AGAINST GALVANIC REACTIONS BY PAINTING CONTACT SURFACES WITH PRIMER OR BY APPLYING SEALANT OR TAPE PER MANUF. SEPC'S.
- 8. FINISH TO BE KAWNEER PERMANODIC AA-M12C22A31, AAMA 611, ARCHITECTURAL CLASS 1 CLASS COLOR ANODIC COATING COLOR TO BE CLEAR ANODIZED.

GLAZING SCHEDULE:

GLAZING SHALL MEET THE FOLLOWING STANDARDS AND GUIDELINES AS APPLICABLE FOR EACH TYPE: -ASTM E1300; ASTM C 1036; ASTM C1048; ASTM E774 -GANA GLAZING MANUAL -SIGMA TM-3000 VERTICAL GLAZING GUIDELINES

MANUFACTURER: KAWNEER (OR EQUAL) PRODUCT:

1" LOW-E INSULATED, LAMINATED GLASS SHGC: .27 MAX.

(PROVIDE TINTED GLASS TO OBTAIN SPECIFIED SHGC) U-VALUE: .28 MAX.

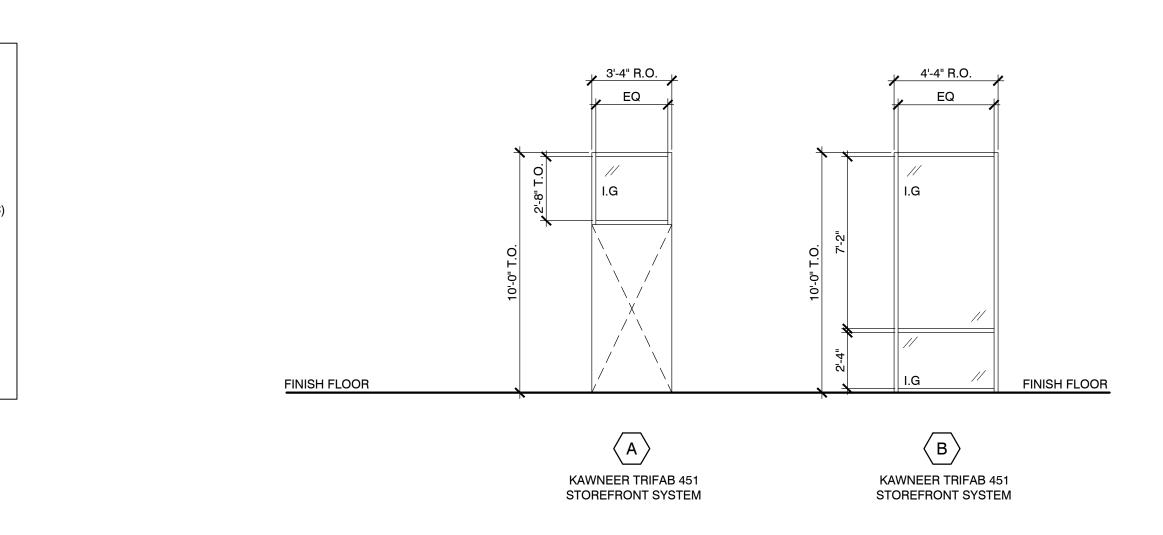
PROTECTION OF OPENING:

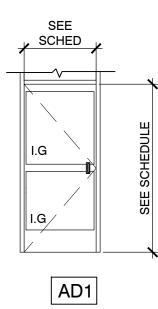
GLAZING OPENING IN BUILDING LOCATED IN WIND-BORNE DEBRIS REGIONS SHALL BE PROTECTED FROM WIND-BORNE DEBRIS. GLAZED OPENING PROTECTION FOR WIND-BORNE DEBRIS SHALL MEET THE REQUIREMENTS OF SSTD 12, ASTM E 1886, AND ASTM E 1996.

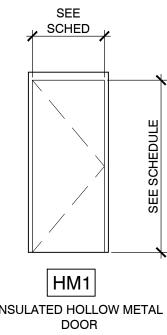
ALTERNATE STOREFRONT:

ALTERNATE STOREFRONT AND GLAZING MANUFACTURERS WILL BE PERMITTED WITH PRIOR APPROVAL FROM OWNER AND ARCHITECT.

HARDWARE SET NO. 1:			DR.			DOO	R					F	RAME	HDWE	FIRE		
QTY DESCRIPTION			#	LOCATION	TYPE	MATERIAL	WIDTH	HEIGHT	ТНК.	FINISH FROM/TO	MATERIA		FINISH FROM/TO			REMARKS	
1 SET HINGES: 1 EA. CYLINDER:	CONTINUOUS GEARED HINGES W/ CYLINDER DOGGING		100A	ENTRANCE/EXIT	AD1	AL/GLASS LITES	3'-0"	7'-0"	1 3/4"	MFR. PREFIN.	ALUMINU	м 2"	CLEAR ANODIZED	1	-		
1 EA. CLOSER: 1 EA. PUSH-PULL BAR:	OVERHEAD CONCEALED DOOR CLOSER W/ 90 HO STD. TUBULAR C09 PUSH/PULL		200A	ENTRANCE/EXIT	AD1	AL/GLASS LITES	3'-0"	7'-0"	1 3/4"	MFR. PREFIN.	ALUMINU	M 2"	CLEAR ANODIZED	1	-		
1 EA. THRESHOLD:	¹ ¹ / ₂ " SADDLE THRESHOLD STANDARD 36" SWEEP		300A	ENTRANCE/EXIT	AD1	AL/GLASS LITES	3'-0"	7'-0"	1 3/4"	MFR. PREFIN.	ALUMINU	м 2"	CLEAR ANODIZED	1	-		
1 EA. DOOR SWEEP: 1 EA. BOTTOM RAIL:	10" BOTTOM RAIL		400A	ENTRANCE/EXIT	AD1	AL/GLASS LITES	3'-0"	7'-0"	1 3/4"	MFR. PREFIN.	ALUMINU	м 2"	CLEAR ANODIZED	1	-		
1 EA. LOCK:	KAWNEER 1686 CONCEALED PANIC DEVICE		100B	EXIT CORRIDOR	HM1	H.M.	3'-0"	7'-0"	1 3/4"	MATCH COLOR STUC-1	H.M.	4"	MATCH COLOR STUC-	1 2	-		
HARDWARE SET NO. 2: QTY DESCRIPTION			200B	EXIT CORRIDOR	HM1	H.M.	3'-0"	7'-0"	1 3/4"	MATCH COLOR STUC-1	H.M.	4"	MATCH COLOR STUC-	1 2	-		
STOREROOM LOCKSET			300B	EXIT CORRIDOR	HM1	H.M.	3'-0"	7'-0"	1 3/4"	MATCH COLOR STUC-1	H.M.	4"	MATCH COLOR STUC-	1 2	-		
3 EA. HINGES: 1 EA. FIRE RATED RIM EXIT	HAGER BB1279 NRP (US26D) STANLEY COMMERCIAL HARDWARE - QED113 36" -	626	400B	EXIT CORRIDOR	HM1	H.M.	3'-0"	7'-0"	1 3/4"	MATCH COLOR STUC-1	H.M.	4"	MATCH COLOR STUC-	1 2	-		
1 EA. STOREROOM LOCK 1 EA. CYLINDER	SCHLAGE ND80 .P6 .RHO .626 SCHLAGE 20-001C .626		500	EXIT UTILITY	HM1	H.M.	3'-0"	7'-0"	1 3/4"	MATCH COLOR STUC-1	H.M.	4"	MATCH COLOR STUC-	1 2A	-		
1 EA. SURFACE CLOSER 1 EA. THRESHOLD	LCN CLOSERS 4040XP .CUSH .689 NATIONAL GUARD 896V X 36"																
1 SET GASKETING	NATIONAL GUARD160V 3' X 7'																
1 EA. DOOR BOTTOM 3 EA. SILENCER	NATIONAL GUARD 331 36" ROCKWOOD 608-RKW																
HARDWARE SET NO. 2A:																	
QTY DESCRIPTION																	
STOREROOM LOCKSET 3 EA. HINGES:	HAGER BB1279 NRP (US26D)																
1 EA. STOREROOM LOCK 1 EA. CYLINDER	SCHLAGE ND80 .P6 .RHO .626 SCHLAGE 20-001C .626																
1 EA. SURFACE CLOSER 1 EA. THRESHOLD 1 SET GASKETING 1 EA. DOOR BOTTOM 3 EA. SILENCER	LCN CLOSERS 4040XP .CUSH .689 NATIONAL GUARD 896V X 36" NATIONAL GUARD 331 36" ROCKWOOD 608-RKW	FINISH. **		OR SPECIAL KNO REFER TO FLOOF	Dors SH. Wledge ? Plan / L &e Statin	ALL BE OPERABLE , WITH UNLATCHIN ARGE SCALE PLAN IG "DOORS TO REN	IG FORC NS FOR A MAIN UNI	E OF LES LL DOOF LOCKED \	S THAN R "LEFT/F WHEN TH	RIGHT" HANDING. HIS SPACE IS OCCUPIEE			KAWNEER	SEE SCHED		The set of	SEE SCHEDULE
	HARDWARE SCHEDULE	SCALE 0)3													DOOR SCHEDULE	SCALE N.T.S.







	16 GA. HOLLOW METAL FRAME 16 GA. HOLLOW METAL FRAME WITH STOPS • FRAME DEPTH VARIES • REFER TO HEAD/JAMB DETAILS PER DOOR SCHEDULE • REFER TO SPECIFICATIONS • FINISH: PAINT PER DOOR SCHEDULE • REFER TO SPECIFICATIONS • FINISH: PAINT PER DOOR SCHEDULE	FINISH FLOOR		
	GLAZING LEGEND: I.G= INSULATED GLAZING - PROVIDE TEMPERED GLAZIN Image: Color Col	1/4" = 1' - 0" NG AS ZING;	05	A broject for:
	 ALL DOORS SHALL MEET A.D.A. REQUIREMENTS. ALL DOOR THRESHOLDS SHALL NOT EXCEED ¹/₂ IN HEIGH VERIFY FRAME DEPTHS WITH WALL THICKNESS. PROVID FRAMES AT STUD WALLS. PROVIDE SEALANT BOTH SIDE OF DOOR FRAMES, WHERI MATERIALS MEET AND FOR WEATHER TIGHTNESS. GENERAL CONTRACTOR TO VERIFY SIZE OF ALL EQUIPMI MECHANICAL, KITCHEN, LAUNDRY, ETC.) SELECTED FOR DETERMINE THAT ALL DOORS (INCLUDING PATH OF TRAV ADEQUATE SIZE TO ACCOMMODATE INSTALLATION AND VERIFY ALL ROUGH OPENING REQUIREMENTS WITH MAN DRAWINGS. DOOR, FRAME, AND HARDWARE SCHEDULE TO BE PROVI SUPPLIER FOR A/E REVIEW. NUMBERING SYSTEM AND N MATCH THOSE FOUND IN CONSTRUCTION DOCUMENTS. ALUMINUM SUPPLIER SHALL FURNISH AND INSTALL ALL ALUMINUM DOORS AS NOTED ON PLANS. THE SAME MAA MODELS SHALL BE USED FOR BOTH ALUMINUM AND OTH CONTRACTOR TO PROVIDE PRODUCTS AND SYSTEM COT ACCESSORIES, TRIM, FINISH, FASTENERS, AND OTHER IT COMPLETE INSTALLATION AND INTENDED USE AND EFFE DOOR UNDERCUTS, WHERE NOTED, SHALL BE 1", TYPICA 	1/4" = 1' - 0" IT. E WRAP AROUND E DIFFERENT ENT (ELECTRICAL, THE PROJECT TO /EL) ARE OF REPLACEMENT. IUFACTURERS DED BY HARDWARE OMENCLATURE SHALL HARDWARE FOR NUFACTURERS AND HER DOOR HARDWARE. MPLETE WITH ALL EMS NEEDED FOR A ECT.	04	Client: J WATTS PROPERTIES, INC. J08 W. JAMES LEE BLVD. CRESTVIEW, FL 32536 Revisions:
02	GENERAL DOOR/FRAME NOTES	SCALE N.T.S.	01	Reviewed By: RD Scale: AS NOTED Date: 03/27/24 Sheet Title: DOORSS, FRAMESS, & SCHEDULES DOORSS, FRAMESS, & SCHEDULES Sheet #: A6.0 @MCG ARCHITECTURE 2024 ALL RIGHTS RESERVED



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Quality Assurance:

Performance Standards:

Referenced Data: 1.

1

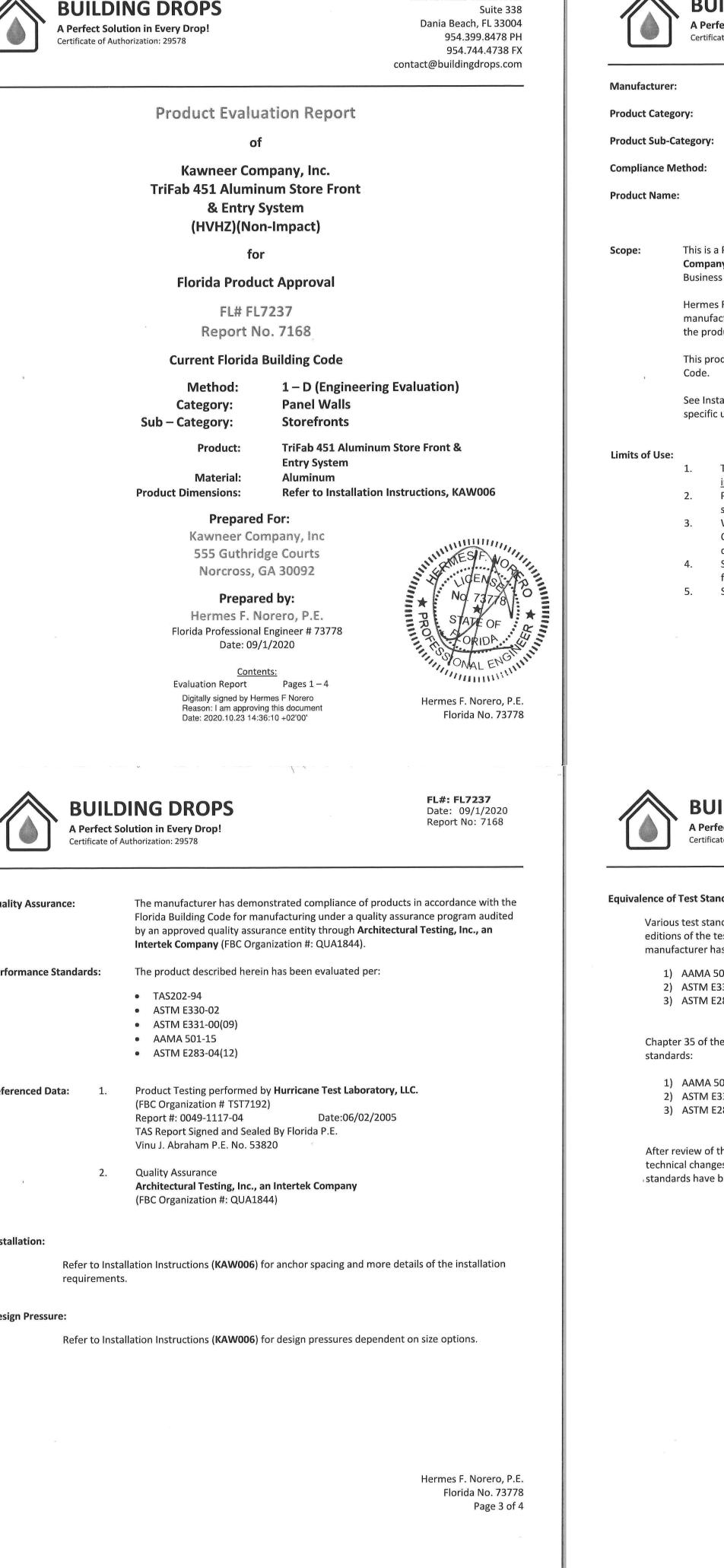
Installation:

Design Pressure:

requirements.

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398 E. Dania Beach Blvd. Suite 338 Dania Beach, FL 33004 954.399.8478 PH 954.744.4738 FX



KAWNEER TRIFAB 451 STOREFRONT AND 350 ENTRANCE SYSTEM PRODUCT EVALUATION REPORT (FL#7237.2-R9)

	ment of rocess of g 778) for ding Code, nent into with nt quire
Panel Walls y: Storefronts :: State Product Approval Method (1)(D) :: Thisb 4S11 Aluminum Store Front & Entry System (HVH2)(Non-Impact) is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for Kavme any, inc base on Method 14 of the State of Fordia Product Approval, Florida Departs ness and Professional Regulation - Florida Building Commission. ness F. Norero, P.E. does not have nor will acquire financial interest in the company ufacturing or distributing the product or in any other entity involved in the approval pro roduct name herein. product has been evaluated for use in locations adhering to the current Florida Building to installation Instructions KAW005, signed and sealed by Hermes F. Norero, P.E. (FL # 737 iffic use parameters. This product has been evaluated and is in compliance with the current Florida Build including the "High Velocity Hurricane Zone" (HYH2). Product anchors shall be as listed and spaced as shown on details. Anchor embedre substrate metail shall be beyond will dressing or stucco. When used in areas requiring wind borne debris protection this product complex ubarter 16 the current Florida Building Code and design pressure limitations. VELOPLICE DEROEDS Per FL72 Late: 09/1 Report No: iffrate of Authortadium: 297/8 VELOPLICE DEROEDS refers Eduktion In Every Dynell iffrate of Authortadium: 297/8 VELOPLICE DEROEDS refers Eduktion In Every Dynell iffrate of Authortadium: 297/8	ment of rocess of g 778) for ding Code, nent into with nt quire
y: State Product Approval Method (1)(D) This b 4511 Aluminum Store Front & Entry System (HVH2)(Non-Impact) is a Product Evaluation Report issued by Hormes F. Norero, P.E. (FL # 73778) for Kawne pany, Inc based on Method 1d of the State of Florida Product Approval, Florida Depart hess and Professional Regulation - Florida Building Commission. ness A. Professional Regulation the product or in any other entity involved in the approval pro roduct named herein. product thas been evaluated for use in locations adhering to the current Florida Building Commission. installation Instructions KAW006, signed and sealed by Hermes F. Norero, P.E. (FL # 737 iff use parameters. This product has been evaluated and is in compliance with the current Florida Build including the "High Velocity Hurricane Zone" (HVH2). Product anchors shall be as listed and spaced as shown on details. Anchor embedre substrate material shall be as listed and spaced as shown on details. Anchor embedre substrate material shall be building Code and <u>does require</u> an inpact resistar covering. Site conditions that deviate from the details of Installation Instructions KAW006 ref further engineering analysis by a licensed engineer or registred architect. Wen used in areas requires from the details of Installation instructions KAW006 ref further engineering analysis by a licensed engineer or registred architect. Site conditions that deviate from the details of Installation instructions KAW006 ref further engineering analysis by a licensed engineer or registred architect. Prefets bolution in tevery Dropil flates of Autononation: 29578 <td>ment of ocess of g 778) for ding Code, nent into with nt quire</td>	ment of ocess of g 778) for ding Code, nent into with nt quire
 State Product Approval Method (1)(D) TriFab 4517 Aluminum Store Front & Entry System (HVH2)(Non-Impact) as Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for Kawne (HVH2)(Non-Impact) as a product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for Kawne (HVH2)(Non-Impact) as a product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for Kawne (HVH2)(Non-Impact) as a product base on Method 1 (d) of the State of Florid a Product Approval, Florida Departmenss and Professional Regulation - Florida Building Commission. hers F. Norero, P.E. does not have nor will acquire financial interest in the company functacting or distributing the product or in any other entity involved in the approval protoculus thas been evaluated for use in locations adhering to the current Florida Building coduct mathematics. Installation Instructions KAW006, signed and sealed by Hermes F. Norero, P.E. (FL # 737 Iffic use parameters. This product has been evaluated and is in compliance with the current Florida Buildin including the 'High Velocity Hurricane Zone" (HVH2). Product anchors shall be as listed and spaced as shown on details. Anchor embedre substrate material shall be beyond will dressing or stuce. When used in areas requiring wind borne debris protection this product complies with the subrate material shall be beyond will dressing or stuce. See Installation Instructions KAW006 for size and design pressure limitations. Fuermes F. Ni Florida Eutomine Every Drop Hermes frame and design pressure limitations. Fuermes F. Ni Florida Building Code and editions referenced in the 7th Florida Building Code references in test methodology, if any, between test is tandards have been evaluated for differences in test methodology, if any, between test is tatadards in the option in Every Drop Liftet	ment of rocess of g 778) for ding Code, nent into with nt quire
Trifab 451T Aluminum Store Front & Entry System (HVH2)(Non-Impact) is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for Kawne pany, Inc based on Method 21 of the State of Florida Product Approval, Florida Departs ness and Professional Regulation - Florida Building Commission. mes F. Norero, P.E. does not have nor will acquire financial interest in the company ufacturing or distributing the product or in any other entity involved in the approval pro- roduct named herein. product has been evaluated for use in locations adhering to the current Florida Building including the "High Velocity Hurricane Zone" (HVH2). Product has been evaluated and is in compliance with the current Florida Buildin including the "High Velocity Hurricane Zone" (HVH2). Product nanchors shall be as listed and spaced as shown on details. Anchor embedre substrate material shall be beyond wall dressing or stucco. When used in areas requiring wind borne debris protection this product complies w Chapter 16 of the current Florida Building Code and <u>does require</u> an impact resistar covering. Site conditions that deviate from the details of Installation Instructions KAW006 for size and design pressure limitations. Purper Stallation Instructions KAW006 for size and design pressure limitations. Purper Stallation Instructions KAW006 for size and design pressure limitations. Purper Stallation Instructions KAW006 for size and design pressure limitations. Purper Stallation Instructions KAW006 for size and design pressure limitations. Purper Stallation Instructions to the following test	ment of ocess of g 778) for ding Code, nent into with nt quire
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pamy, Inc based on <u>Method 1d</u> of the State of Florida Product Approval, Florida Departi hess and Professional Regulation - Florida Building Commission. nes F. Norero, P.E. does not have nor will acquire financial interest in the company ufcaturing or distributing the product or in any other entity involved in the approval pro- product has been evaluated for use in locations adhering to the current Florida Building a. Installation Instructions KAW006 , signed and sealed by Hermes F. Norero, P.E. (FL # 737 iffic use parameters. This product has been evaluated and is in compliance with the current Florida Buildin <u>including the "High Velocity Hurricane Zone"</u> (HVHZ). Product anchors shall be as listed and spaced as shown on details. Anchor embedm substrate material shall be beyond wall dressing or stucco. When used in areas requiring wind borne debris protection this product complies w Chapter 16 of the current Florida Building Code and <u>does require</u> an impact resistar covering. Site conditions that deviate from the details of Installation Instructions KAW006 rec further engineering analysis by a licensed engineer or registered architect. See installation Instructions KAW006 for size and design pressure limitations. Hermes F. N. Florida Florida for Authorization: 29578 Extendards: tandards have been evaluated for differences in test methodology, if any, between test tandards have been evaluated for differences in test methodology, if any, between test tandards have been evaluated for differences in test methodology, if any, between test tandards have been evaluated for differences in test methodology, if any, between test tandards have been evaluated for differences in test methodology, if any, between test tandards have been evaluated for differences in test methodology, if any, between test tandards have been evaluated for differences the following editions of the above mentioned A 501-15 A 523-06 A 523-06 A 523-06 A 523-06 A 523-04 (12) of the above-mentioned referen	ment of ocess of g 778) for ding Code, nent into with nt quire
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Hermes F. No Florida l	
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BUILDING D A Perfect Solution in Every Certificate of Authorization: 2

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October 22nd , 2020

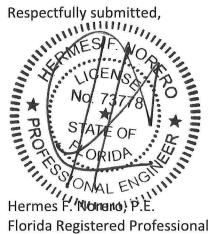
то:	Whom It
FROM:	Hermes F Registere
Applicant:	Kawneer 555 Guth Norcross,

Dear Sir (Madam),

To the best of my knowledge, t Florida Building Code.

Please note that I do not have, manufacturing or distributing t

I also do not have, nor will I acc performed the test(s), or with t report(s).

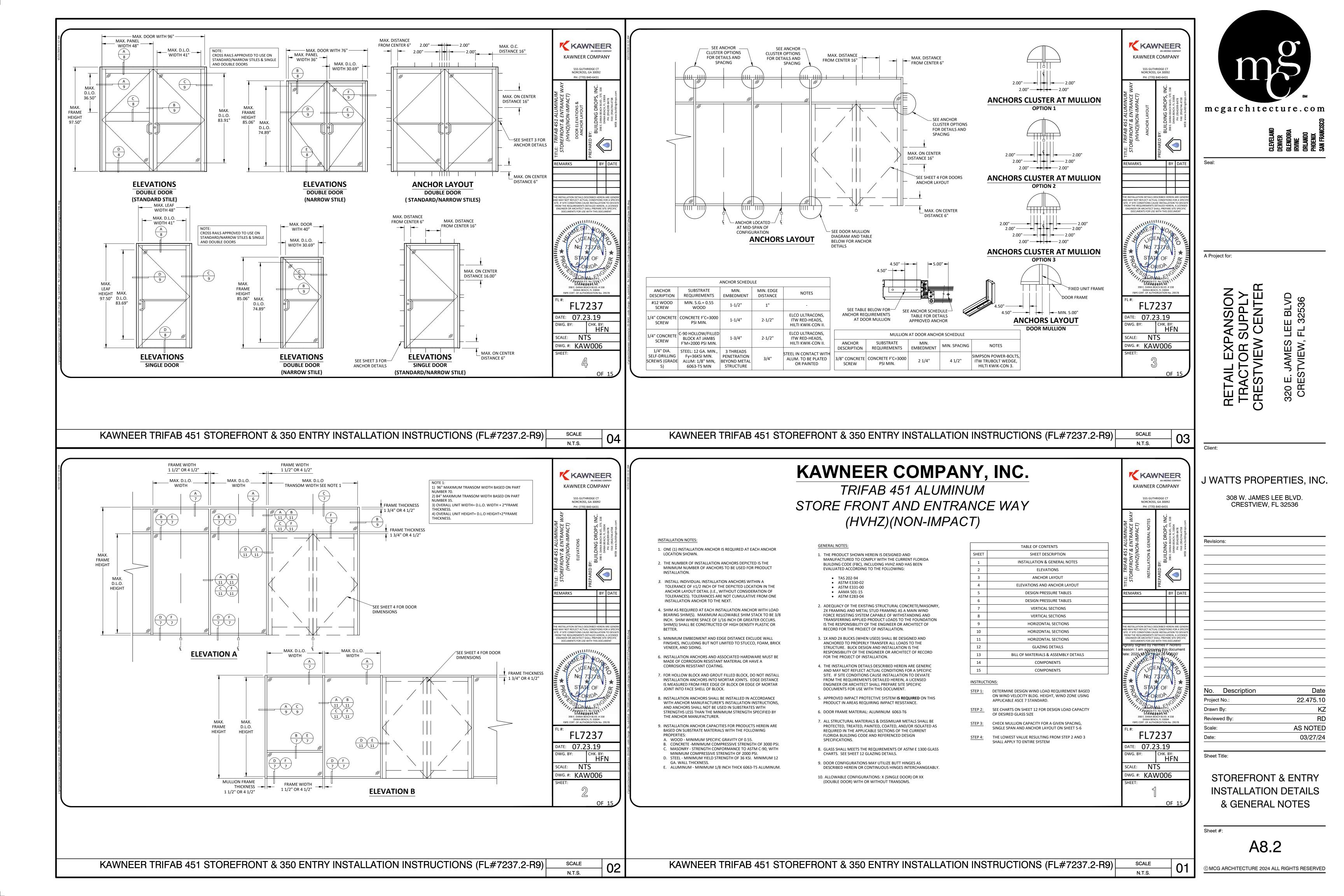


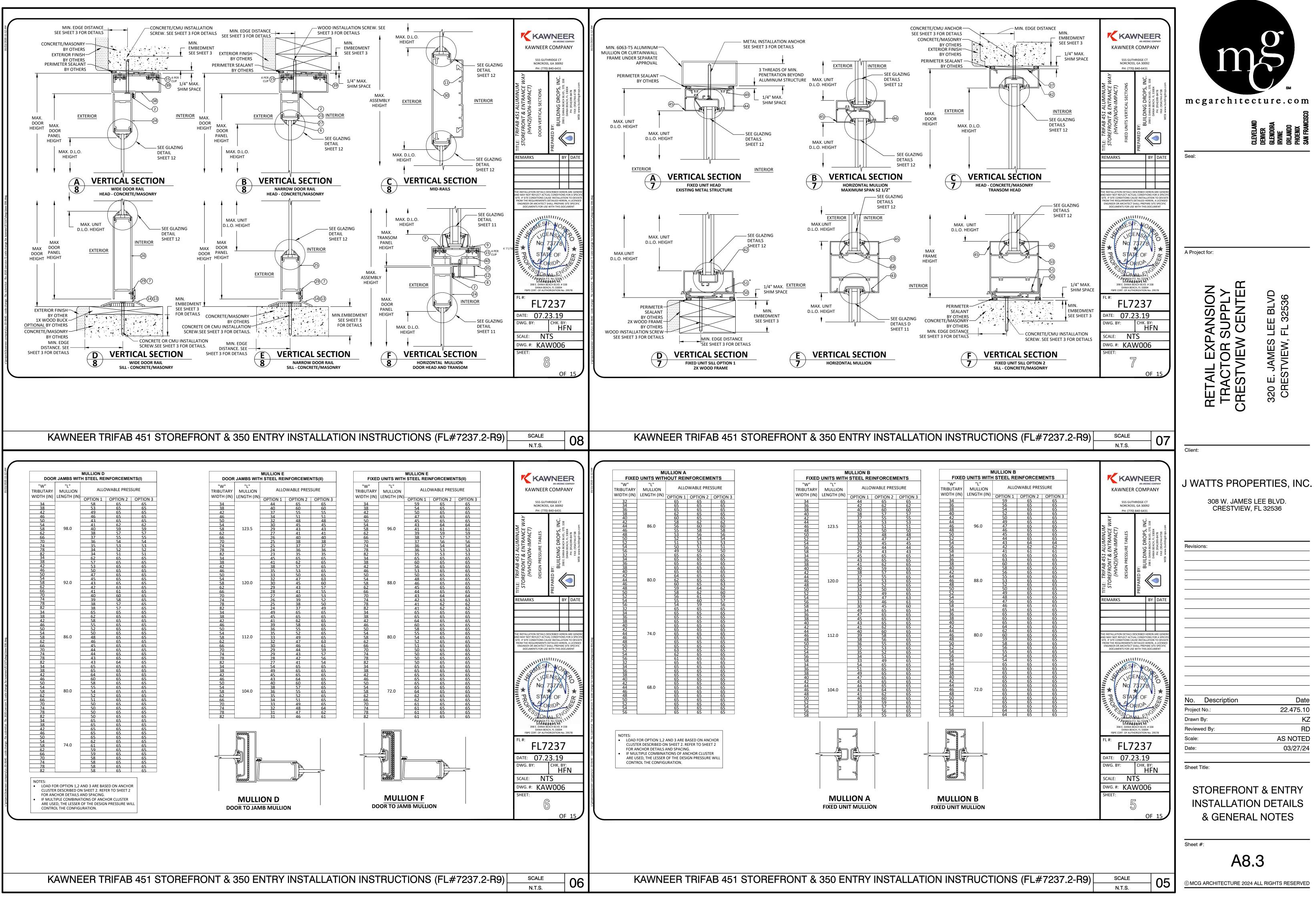
Digitally signed by Hermes F Norero Reason: I am approving this document Date: 2020.10.23 14:48:51 +02'00'

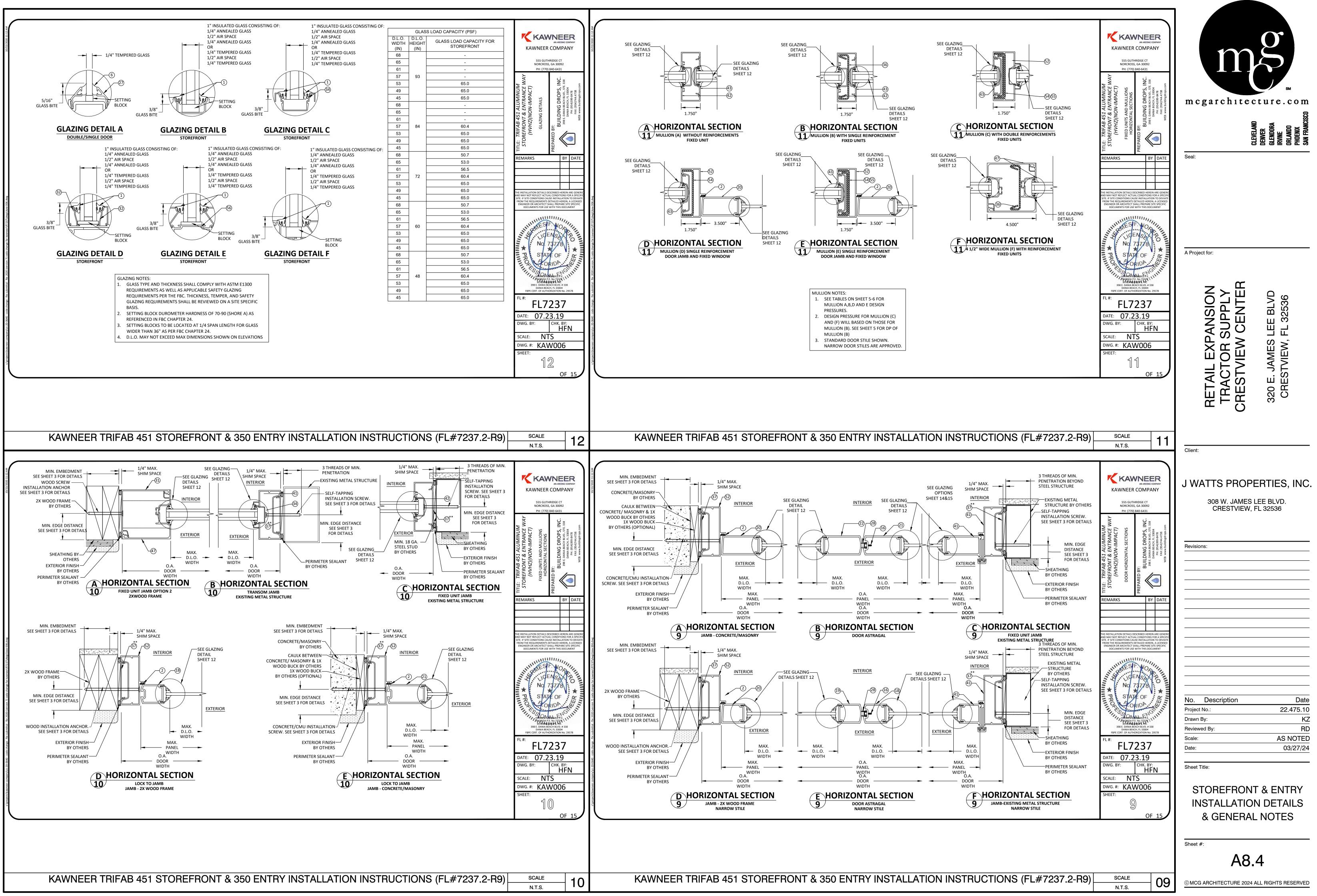
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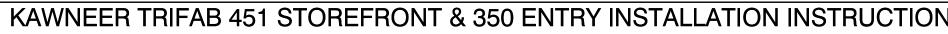
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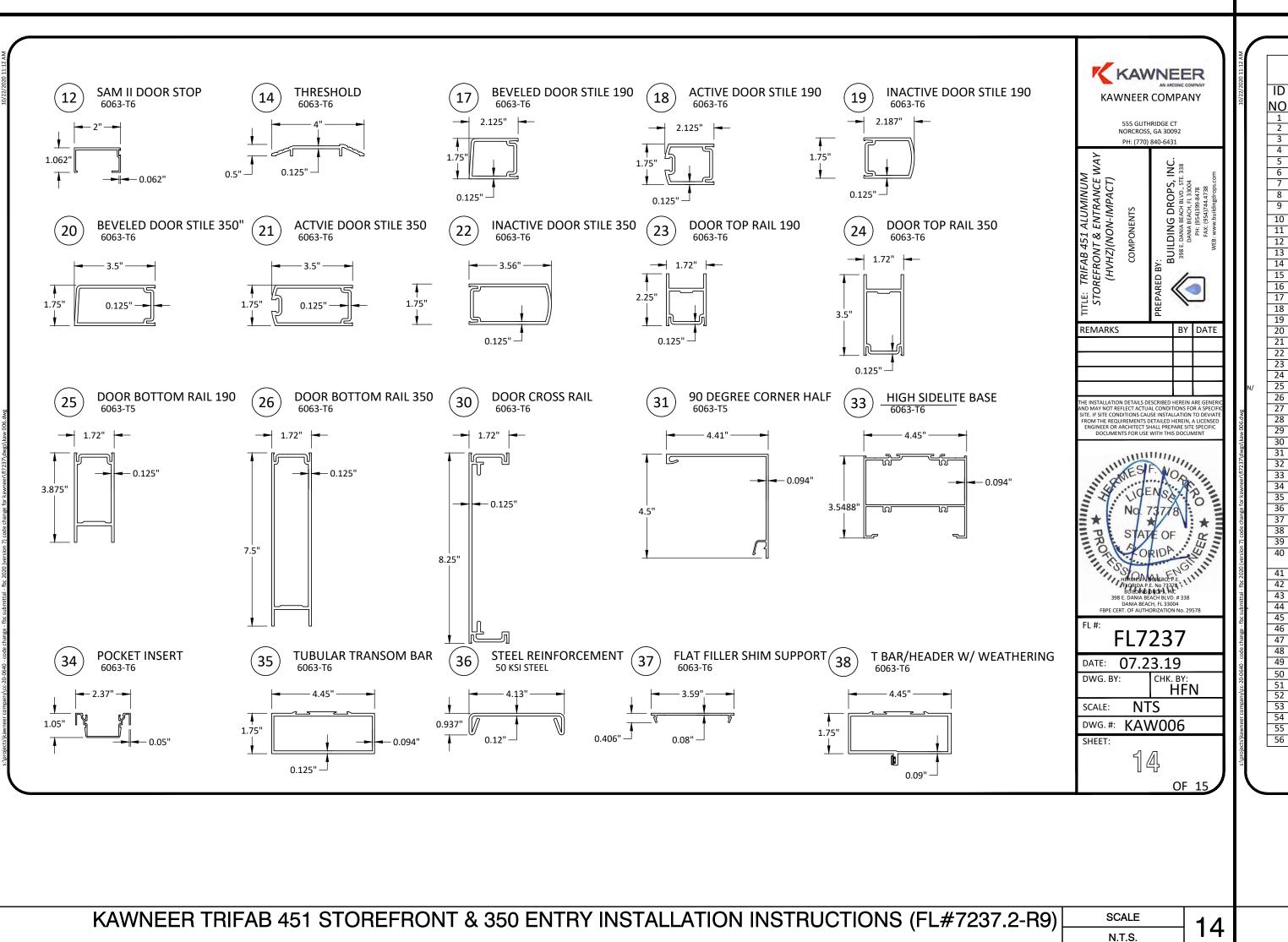
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398 E. Dania Beach. Blvd Suite 338 y Drop! 29578 Dania Beach, FL 33004 954.399.8478 PH 954.744.4738 FX contact@buildingdrops.com t May Concern F. Norero, P.E. red Florida Professional Engineer #73778 r Company hridge Court s, GA 30092			INT: NATTS PROPE 308 W. JAMES I CRESTVIEW, I	LEE BLVD.
the above-mentioned product conforms to the Current , nor will I acquire, a financial interest in any company the product(s) for which the reports are being issued. quire, any financial interest with the Laboratory that the Engineer witnessing the test(s) and sealing the test				
l Engineer #73778		Dra Rev Sca Date	iect No.: wn By: iewed By: le:	PPROVAL
Page 1 of 1		She	A8.	1
RODUCT APPROVAL COI (FL#7237.2-R9)	SCALE N.T.S.	- 01 ©M	ICG ARCHITECTURE 2024 /	ALL RIGHTS RESERVED





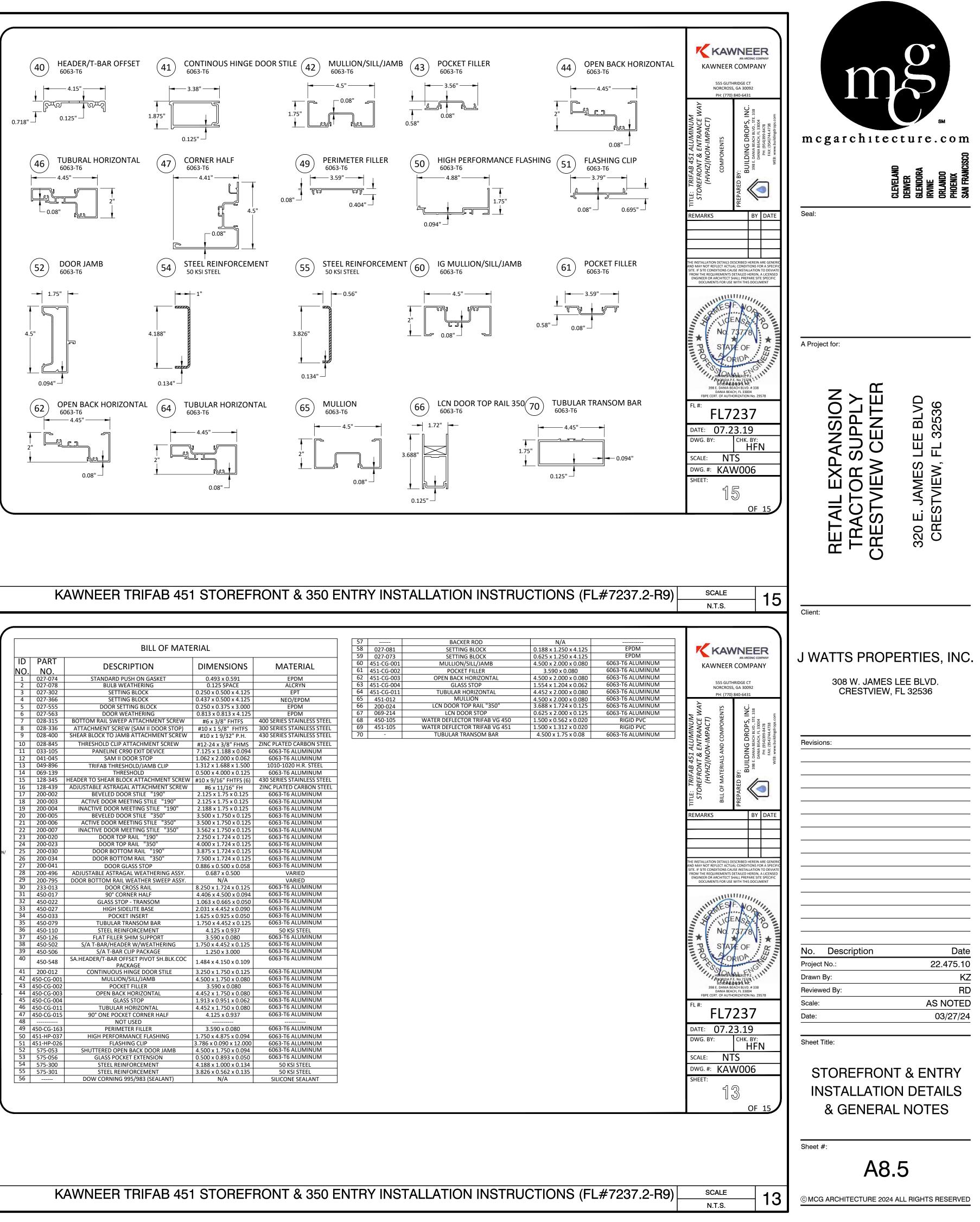






ID	PART	DESCRIPTION	DIMENSIONS	MATERIAL			
<u>NO.</u>	NO.						
1	027-074	STANDARD PUSH ON GASKET	0.493 x 0.591	EPDM			
2	027-078	BULB WEATHERING	0.125 SPACE	ALCRYN			
3	027-302	SETTING BLOCK	0.250 x 0.500 x 4.125	EPT			
4	027-366	SETTING BLOCK	0.437 x 0.500 x 4.125	NEO/EPDM			
5	027-555	DOOR SETTING BLOCK	0.250 x 0.375 x 3.000	EPDM			
6 7	027-563	DOOR WEATHERING	0.813 x 0.813 x 4.125	EPDM 400 SERIES STAINLESS STE			
	028-315	BOTTOM RAIL SWEEP ATTACHMENT SCREW	#6 x 3/8" FHTFS				
8 9	028-336 028-400	ATTACHMENT SCREW (SAM II DOOR STOP) SHEAR BLOCK TO JAMB ATTACHMENT SCREW	#10 x 1 5/8" FHTFS	300 SERIES STAINLESS STE 430 SERIES STAINLESS STE			
			#10 x 1 9/32" P.H.				
10	028-845	THRESHOLD CLIP ATTACHMENT SCREW	#12-24 x 3/8" FHMS	ZINC PLATED CARBON STE			
11	033-105	PANELINE CR90 EXIT DEVICE	7.125 x 1.188 x 0.094	6063-T6 ALUMINUM			
12	041-045	SAM II DOOR STOP	1.062 x 2.000 x 0.062	6063-T6 ALUMINUM			
13	049-896	TRIFAB THRESHOLD/JAMB CLIP	1.312 x 1.688 x 1.500	1010-1020 H.R. STEEL			
14	069-139	THRESHOLD	0.500 x 4.000 x 0.125	6063-T6 ALUMINUM			
15	128-345	HEADER TO SHEAR BLOCK ATTACHMENT SCREW	#10 x 9/16" FHTFS (6)	430 SERIES STAINLESS STE			
16	128-439	ADJUSTABLE ASTRAGAL ATTACHMENT SCREW	#6 x 11/16" FH	ZINC PLATED CARBON STI			
17	200-002	BEVELED DOOR STILE "190"	2.125 x 1.75 x 0.125	6063-T6 ALUMINUM			
18	200-003	ACTIVE DOOR MEETING STILE "190"	2.125 x 1.75 x 0.125	6063-T6 ALUMINUM			
19	200-004	INACTIVE DOOR MEETING STILE "190"	2.188 x 1.75 x 0.125	6063-T6 ALUMINUM			
20	200-005	BEVELED DOOR STILE "350"	3.500 x 1.750 x 0.125	6063-T6 ALUMINUM			
21	200-006	ACTIVE DOOR MEETING STILE "350"	3.500 x 1.750 x 0.125	6063-T6 ALUMINUM			
22	200-007	INACTIVE DOOR MEETING STILE "350"	3.562 x 1.750 x 0.125	6063-T6 ALUMINUM			
23	200-020	DOOR TOP RAIL "190"	2.250 x 1.724 x 0.125	6063-T6 ALUMINUM			
24	200-023	DOOR TOP RAIL "350"	4.000 x 1.724 x 0.125	6063-T6 ALUMINUM			
25	200-030	DOOR BOTTOM RAIL "190"	3.875 x 1.724 x 0.125	6063-T6 ALUMINUM			
26	200-034	DOOR BOTTOM RAIL "350"	7.500 x 1.724 x 0.125	6063-T6 ALUMINUM			
27	200-041	DOOR GLASS STOP	0.886 x 0.500 x 0.058	6063-T6 ALUMINUM			
28	200-496	ADJUSTABLE ASTRAGAL WEATHERING ASSY.	0.687 x 0.500	VARIED			
29	200-795	DOOR BOTTOM RAIL WEATHER SWEEP ASSY.	N/A	VARIED			
30 31	233-013	DOOR CROSS RAIL	8.250 x 1.724 x 0.125	6063-T6 ALUMINUM			
-	450-017	90° CORNER HALF	4.406 x 4.500 x 0.094	6063-T6 ALUMINUM			
32	450-022	GLASS STOP - TRANSOM	1.063 x 0.665 x 0.050	6063-T6 ALUMINUM			
33	450-027	HIGH SIDELITE BASE	2.031 x 4.452 x 0.090	6063-T6 ALUMINUM			
34	450-033	POCKET INSERT	1.625 x 0.925 x 0.050	6063-T6 ALUMINUM			
35	450-079	TUBULAR TRANSOM BAR	1.750 x 4.452 x 0.125	6063-T6 ALUMINUM			
36	450-110	STEEL REINFORCEMENT	4.125 x 0.937	50 KSI STEEL			
37	450-126	FLAT FILLER SHIM SUPPORT	3.590 x 0.080	6063-T6 ALUMINUM			
38	450-502	S/A T-BAR/HEADER W/WEATHERING	1.750 x 4.452 x 0.125	6063-T6 ALUMINUM			
39	450-506	S/A T-BAR CLIP PACKAGE	1.250 x 3.000	6063-T6 ALUMINUM			
40	450-548	SA.HEADER/T-BAR OFFSET PIVOT SH.BLK.COC PACKAGE	1.484 x 4.150 x 0.109	6063-T6 ALUMINUM			
41	200-012	CONTINUOUS HINGE DOOR STILE	3.250 x 1.750 x 0.125	6063-T6 ALUMINUM			
42	450-CG-001	MULLION/SILL/JAMB	4.500 x 1.750 x 0.080	6063-T6 ALUMINUM			
43	450-CG-002	POCKET FILLER	3.590 x 0.080	6063-T6 ALUMINUM			
44	450-CG-003	OPEN BACK HORIZONTAL	4.452 x 1.750 x 0.080	6063-T6 ALUMINUM			
45	450-CG-004	GLASS STOP	1.913 x 0.951 x 0.062	6063-T6 ALUMINUM			
46	450-CG-011	TUBULAR HORIZONTAL	4.452 x 1.750 x 0.080	6063-T6 ALUMINUM			
47	450-CG-015	90° ONE POCKET CORNER HALF	4.125 x 0.937	6063-T6 ALUMINUM			
48		NOT USED					
49	450-CG-163	PERIMETER FILLER	3.590 x 0.080	6063-T6 ALUMINUM			
50	451-HP-037	HIGH PERFORMANCE FLASHING	1.750 x 4.875 x 0.094	6063-T6 ALUMINUM			
51	451-HP-026	FLASHING CLIP	3.786 x 0.090 x 12.000	6063-T6 ALUMINUM			
52	575-053	SHUTTERED OPEN BACK DOOR JAMB	4.500 x 1.750 x 0.094	6063-T6 ALUMINUM			
53	575-056	GLASS POCKET EXTENSION	0.500 x 0.893 x 0.050	6063-T6 ALUMINUM			
54	575-300	STEEL REINFORCEMENT	4.188 x 1.000 x 0.134	50 KSI STEEL			
55	575-301	STEEL REINFORCEMENT	3.826 x 0.562 x 0.135	50 KSI STEEL			
56		DOW CORNING 995/983 (SEALANT)	N/A	SILICONE SEALANT			

57		
58	027-081	
59	027-073	
60	451-CG-001	
61	451-CG-002	
62	451-CG-003	
63	451-CG-004	
64	451-CG-011	
65	451-012	
66	200-024	
67	069-214	
68	450-105	W
69	451-105	W
70	-	
	58 59 60 61 62 63 64 65 66 67 68 69	58 027-081 59 027-073 60 451-CG-001 61 451-CG-002 62 451-CG-003 63 451-CG-004 64 451-CG-011 65 451-012 66 200-024 67 069-214 68 450-105 69 451-105



SPECIFICATIONS:

GENERAL

ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH FLORIDA BUILDING CODE 7TH EDITION - 2020 & NATIONAL ELECTRICAL CODE 2017 AS PER FBC 7TH - CHAPTER 1 WITH LOCAL AMENDMENTS, INCLUDING STATE, COUNTY AND CITY ELECTRICAL CODES, AND AUTHORITIES HAVING JURISDICTION.

ALL EQUIPMENT SHALL BE NEW AND U.L. APPROVED, UNLESS SPECIFICALLY NOTED OTHERWISE

ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. IT IS NOT WITHIN THE SCOPE OF DRAWINGS TO SHOW ALL THE NECESSARY BENDS, OFFSETS, PULLBOXES AND OBSTRUCTIONS. SIZE AND LOCATION OF EQUIPMENT AND WIRING ARE SHOWN TO SCALE WHERE POSSIBLE, BUT MAY BE DISTORTED FOR CLARITY ON THE DRAWINGS. FINAL LOCATIONS OF OUTLETS AND EQUIPMENT SHALL BE SHOWN IN ENLARGED DETAILS OR AS APPROVED BY THE ARCHITECT. INSTALL NEW WORK TO CONFORM TO THE STRUCTURE, MAINTAIN HEADROOM AND KEEP OPENINGS AND PASSAGEWAYS CLEAR. REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS.

PRIOR TO SUBMITTING A BID, CAREFULLY EXAMINE THE SITE TO BECOME FAMILIAR WITH ALL EXISTING CONDITIONS WITHIN THE SCOPE OF WORK. BY THE ACT OF SUBMITTING A BID, IT SHALL BE UNDERSTOOD THAT SUCH AN EXAMINATION HAS BEEN COMPLETED, AND THAT ALLOWANCES FOR THE EXISTING CONDITIONS HAVE BEEN MADE.

VERIFY LOCATIONS OF ALL ELECTRICAL EQUIPMENT WITH ARCHITECTURAL DRAWINGS, ALLOW FOR OVERHEAD PIPES, DUCTS, AND MECHANICAL EQUIPMENT, VARIATIONS IN FIREPROOFING AND PLASTERING, WINDOW AND DOOR TRIM, PANELING, HUNG CEILINGS AND THE LIKE. WHEN LOCATING BOXES AND OUTLETS, CORRECT ANY INACCURACY RESULTING FROM FAILURE TO DO SO WITHOUT EXPENSE TO THE OWNER.

COORDINATE WITH ALL TRADES, INCLUDING ELECTRICAL REFERENCES ON THE ARCHITECTURAL DRAWINGS. FURNISH AND INSTALL WIRING FOR EQUIPMENT PROVIDED BY OTHERS. "WIRING" INCLUDES FURNISHING AND INSTALLING CONDUIT, CONDUCTORS, BOXES, AND DISCONNECTS (AS SPECIFIED) AND MAKING FINAL CONNECTIONS.

SECURE AND PAY ALL PERMITS AND FEES NECESSARY FOR EXECUTION AND COMPLETION OF ELECTRICAL WORK.

CUT AND PATCH EXISTING CONSTRUCTION WORK REQUIRED FOR THE PROPER INSTALLATION OF THE ELECTRICAL WORK. ALL PATCHING SHALL BE OF THE SAME MATERIALS, WORKMANSHIP, AND FINISH AND SHALL MATCH ALL SURROUNDING WORK.

AFTER COMPLETION OF WORK UNDER THIS SECTION. CLEAN UP RESULTANT DEBRIS FROM THIS WORK AND REMOVE FROM SITE. CONDITIONS MUST BE "BROOM-CLEAN".

LIGHTING FIXTURES

FURNISH AND INSTALL LIGHTING FIXTURES AS SHOWN ON THE ELECTRICAL AND ARCHITECTURAL DRAWINGS. ARCHITECTURAL DRAWINGS TAKE PRECEDENCE FOR FIXTURE LOCATION. ELECTRICAL DRAWINGS TAKE PRECEDENCE FOR FIXTURE TYPE AND VOLTAGE. COORDINATE FIXTURE HOUSINGS AND TRIMS WITH CEILING TYPE. PROVIDE REQUIRED ACCESSORIES FOR CEILING TYPES.

FIXTURES WITH EMERGENCY BATTERY PACK SHALL BE SIMILAR TO BODINE #BSL06M5. COORDINATE WITH FIXTURE MANUFACTURER FOR BATTERY PACK MOUNTING. PROVIDE UNSWITCHED SOURCE OF POWER TO EMERGENCY BALLAST OF SWITCHABLE EMERGENCY LIGHTS.

DISTRIBUTION EQUIPMENT

ALL PANELBOARDS SHALL BE ENCLOSED TYPE, FLUSH OR SURFACE MOUNTED AS INDICATED, IN STEEL CABINETS CODE GAUGE, WITH STEEL TRIM CONCEALED HINGES, DOOR-IN-DOOR AND FLUSH TYPE LOCKS, ALL KEYED ALIKE, MANUFACTURED BY ABB-GE, SCHNEIDER ELECTRIC (SQUARE-D), OR EATON.

ALL BUSSES, INCLUDING NEUTRAL AND GROUND BUS, SHALL BE MINIMUM 98% CONDUCTIVITY, HARD DRAWN COPPER, SILVER OR TIN-PLATED JOINTS AND SIZED ON THE BASIS OF 100 AMPERES PER INCH CROSS-SECTIONAL AREA. BUSSES SHALL BE ARRANGED FOR SEQUENCING PHASING.

PANELBOARDS SHALL BE EQUIPPED WITH BOLT-ON MOLDED CASE CIRCUIT BREAKERS OF THE TYPE, NUMBER OF POLES, TRIP SIZES, AS SHOWN IN DRAWINGS AND INTERRUPTING CAPACITY AS PER BUILDING REQUIREMENTS.

CABINETS SHALL BE OF SUFFICIENT SIZE TO ALLOW A GUTTER SPACE OF AT LEAST 6" ON SIDES, TOP AND BOTTOM.

BACK BOXES SHALL BE CONSTRUCTED OF CODE GAUGE SHEET STEEL. GALVANIZED TRIMS SHALL BE PRIMED FOR FINISH PAINTING BY OTHERS.

DOORS AND TRIM SHALL EACH BE IN ONE PIECE SO DESIGNATED THAT DOORS WILL OPEN 180 DEGREES. DOORS SHALL BE FASTENED TO TRIMS WITH SEMI-CONCEALED, 5 KNUCKLE STEEL WITH NONFERROUS PINS. TRIMS SHALL BE FASTENED TO BACK BOXES BY SCREWS.

A CIRCUIT DIRECTORY WITH METAL FRAME AND GLASSINE PAGE SHALL BE PROVIDED ON THE INSIDE OF THE DOOR. UPON COMPLETION OF THE PROJECT, THE DIRECTORY SHALL BE TYPEWRITTEN, INDICATING THE SERVICE CONTROLLED BY EACH CIRCUIT FOR NEW AND EXISTING PANELBOARDS.

GROUP ALL CONDUCTORS WITHIN PANEL ENCLOSURE. DO NOT SPLICE CONDUCTORS WITHIN PANEL ENCLOSURE.

CLEAN, VACUUM, AND TIGHTEN ALL CONNECTORS AND CONNECTIONS IN EXISTING ELECTRICAL EQUIPMENT REUSED.

DISCONNECT SWITCHES SHALL BE QMQB FUSED OR NON-FUSED (AS NOTED OR REQUIRED) NEMA HEAVY DUTY EXTERNALLY OPERATED WHERE NOT FURNISHED WITH STARTING EQUIPMENT AND AT ALL OTHER POINTS REQUIRED BY CODE. FUSES SHALL BE BUSSMAN OR GOULD CURRENT LIMITING TYPE, MINIMUM 100,000 AIC. CIRCUIT BREAKER MINIMUM 10,000 AIC FOR 120/208V SYSTEM AND MINIMUM 14,000 AIC FOR 277/480V SYSTEM, UNO.

PROVIDE NAMEPLATES FOR ALL ELECTRICAL EQUIPMENT. NAMEPLATES TO BE ENGRAVED THREE LAYER LAMINATED PLASTIC, WHITE LETTERS ON A BLACK BACKGROUND FOR EQUIPMENT 250 VOLTS AND UNDER, AND WHITE LETTERS ON A RED BACKGROUND FOR EQUIPMENT OVER 250 VOLTS.

DEVICES

DUPLEX RECEPTACLES FOR WALL AND FLOOR CONVENIENCE OUTLETS SHALL BE 2 POLE, 3 WIRE, GROUNDED, 20 AMPERE, NEMA CONFIGURATION 5-20R. COLOR SHALL BE BASE BUILDING STANDARD.

TAMPER RESISTANT RECEPTACLES SHALL BE PROVIDED PER NEC ART. 406.12 (DWELLING UNITS, GUEST ROOMS AND GUEST SUITES OF HOTELS / MOTELS AND THEIR COMMON AREAS, CHILDCARE FACILITIES, PRESCHOOL AND EDUCATION FACILITIES, BUSINESS OFFICES, CORRIDORS, AND WAITING ROOMS, DORMITORY UNITS, AND ASSISTED LIVING FACILITIES).

FLUSH FIRE-RATED POKE THROUGH DEVICE SHALL HAVE A DUPLEX RECEPTACLE RATED FOR 20 AMPERES WITH TWO (2) FLUSH CATEGORY 5e JACKS WITH A 3" CORE HOLE SIZE, AND A SOLID BRASS FACEPLATE.

SINGLE POLE SWITCHES SHALL BE 20 AMPERE BASE BUILDING STANDARD AS APPROVED BY ARCHITECT.

DEVICE SHALL BE MOUNTED UNDER COMMON COVERPLATE WHERE MULTIPLE DEVICES ARE INDICATED.

TOGGLE SWITCH WITH OVERLOAD PROTECTION AND INDICATOR LIGHT FOR EXHAUST FANS, SIMILAR TO ALLEN BRADLEY CATALOG #600-TAX4 HEATER ELEMENT.

RACEWAY

ALL WIRE AND CABLE SHALL BE INSTALLED IN CONDUIT. CONCEAL CONDUIT IN FINISHED AREAS AND PROTECTED IN UNFINISHED AREAS.

ELECTRICAL METALLIC TUBING (EMT) WITH SET-SCREW COUPLINGS AND FITTINGS, MAY BE USED IN FINISHED AREAS. EMT CAN ALSO BE USED IN UNFINISHED AREAS WHERE IT IS PROTECTED BY A COLUMN WEB OR JOIST SPACE.

PROVIDE RIGID GALVANIZED STEEL CONDUIT IN AREAS WHERE CONDUIT IS SUSCEPTIBLE TO PHYSICAL DAMAGE.

SCHEDULE 40 PVC CONDUIT SHALL BE INSTALLED BELOW GRADE. THE USE OF SCHEDULE 40 PVC ELBOWS AND CONDUIT STUB-UPS ARE NOT PERMITTED. TRANSITION BETWEEN BELOW GRADE PVC TO RIGID GALVANIZED STEEL CONDUIT PRIOR TO STUB-UP INTO BUILDING.

CUT CONDUIT END SQUARE, REAM SMOOTH. PAINT MALE THREADED RACEWAYS WITH GRAPHITE BASE PIPE COMPOUND. DRAW UP TIGHT TO RACEWAY COUPLINGS.

PASS RACEWAYS OVER WATER. STEAM OR OTHER PIPING WHEN PULL BOXES ARE NOT REQUIRED. NO RACEWAY SHALL BE INSTALLED WITHIN 3" OF STEAM OR HOT WATER PIPES, OR APPLIANCES.

EXCEPT CROSSINGS WHERE RACEWAY SHALL BE AT LEAST 1" FROM PIPE COVER.

RUN ALL RACEWAYS PARALLEL AND/OR PERPENDICULAR TO BUILDING WALLS.

SEPARATE RACEWAYS FOR CONDUCTORS OF NORMAL AND EMERGENCY CIRCUITS.

MAKE FINAL CONNECTIONS TO MOTORS, VIBRATING EQUIPMENT AND WATER HEATERS WITH LIQUID-TIGHT FMC (FLEXIBLE METALLIC CONDUIT) AND CONNECTORS. DO NOT TERMINATE IN OR FASTEN RACEWAYS TO MOTOR FOUNDATION.

MAIN TELEPHONE CONDUIT FROM EQUIPMENT ROOM TO BASE BUILDING TELEPHONE CLOSET SHALL HAVE WIDE SWEEP BENDS.

CONDUITS ROUTED TO ROOF SHALL BE ROUTED ALONG MECHANICAL PIPING RUNS AND SHALL BE AS APPROVED BY BUILDING OWNER.

INDICATE, USING MARKING PEN, PANELBOARD AND CIRCUIT DESIGNATIONS ON ALL CONDUIT HOMERUNS AND JUNCTION BOXES.

CONDUCTORS

ALL WIRE AND CABLE SHALL BE COPPER, SIZES AS INDICATED ON THE DRAWINGS. MINIMUM CONDUCTOR SIZE SHALL BE #12 FOR POWER AND LIGHTING CIRCUITS AND #14 FOR SIGNAL AND CONTROL CIRCUITS. ALL #8 AWG WIRE AND LARGER SHALL BE STRANDED. ALL #10 AWG WIRE AND SMALLER SHALL BE SOLID. INSULATION SHALL BE TYPE THWN/THHN, 600 VOLTS. TYPE THWN/THHN INSULATION SHALL BE USED FOR ALL BRANCH CIRCUIT WIRING. BRANCH AND FEEDER ABOVE GROUND SHALL BE THHN (90°F). BRANCH AND FEEDER BELOW GROUND SHALL BE THWN (75°F).

RECESSED LIGHTING FIXTURES IN HUNG CEILING SHALL BE SUPPLIED WITH FLEXIBLE METALLIC CONDUIT, IN LENGTHS NOT EXCEEDING 6 FEET FROM ADJACENT JUNCTION BOXES.

FACTORY COLOR CODING FOR WIRE AND CABLE SHALL BE AS FOLLOWS: 120/208V - BLACK, RED, BLUE, WHITE FOR PHASES A, B, C AND NEUTRAL, RESPECTIVELY.

LEAVE WIRE SUFFICIENTLY LONG TO PERMIT MAKING FINAL CONNECTIONS. IN RACEWAY OVER 10 FEET IN WHICH WIRING IS NOT INSTALLED, FURNISH FISH WIRE.

PULL NO THERMOPLASTIC WIRES AT TEMPERATURES LOWER THAN 32°F (0°C). PROVIDE CABLE SUPPORTS FOR WIRE IN RISER CONDUIT AS REQUIRED BY CODE.

LIGHTING AND POWER WIRING FOR CIRCUITS LESS THAN 100 FEET SHALL BE #12 AWG, UNO. WIRE SIZES SHALL BE #10 FOR CIRCUITS GREATER THAN 100 FEET. NOT MORE THAN THREE LIGHTING OR CONVENIENCE OUTLET CIRCUITS IN ONE CONDUIT UNO.

ALL WIRES SHALL BE IDENTIFIED BY CIRCUIT NUMBERS IN ALL CABINETS, BOXES, WIRING TROUGH, OTHER ENCLOSURES, AT ALL SPLICES, TERMINATIONS POINTS, ETC.

OUTLET, JUNCTION AND PULL BOXES

ALL OUTLET BOXES SHALL BE CODE GAUGE, HOT DIPPED GALVANIZED STAMPED STEEL.

OUTLET BOXES FOR RECEPTACLES AND SWITCHES IN DRY WALL PARTITION SHALL BE 4" SQUARE, 1-1/2" MINIMUM DEPTH AND SHALL BE FITTED WITH SQUARE CORNERED DEVICES COVERS AND DEPTH EQUAL TO THE DRY WALL THICKNESS. SECTIONAL BOXES ARE NOT ACCEPTABLE.

JUNCTION AND PULL BOXES SHALL NOT BE EXPOSED IN FINISHED SPACE. WHERE NECESSARY, REROUTE RACEWAY OR MAKE OTHER ARRANGEMENTS FOR CONCEALMENT. PROVIDE PULL BOXES AS INDICATED AND WHEREVER NECESSARY TO FACILITATE PULLING OF WIRE AND COORDINATE LOCATIONS WITH OTHER TRADES. COVERS OF JUNCTION AND PULL BOXES SHALL BE ACCESSIBLE. FOR EMPTY RACEWAY RUNS PROVIDE PULL BOXES EVERY 100 FEET AND AS INDICATED. COORDINATE LOCATIONS WITH OTHER TRADES.

SET BOXES SQUARE AND TRUE WITH BUILDING FINISH. ERECT WALL AND SWITCH OUTLETS IN ADVANCE OF FURRING AND FIREPROOFING. SECURE TO BUILDING STRUCTURE BY ADJUSTABLE STRAP IRONS.

LOCATIONS INDICATED FOR LOCAL WALL SWITCHES ARE SUBJECT TO MODIFICATIONS. AT OR NEAR DOORS INSTALL SWITCH, INSIDE OPPOSITE HINGE. VERIFY FINAL DOOR HINGE LOCATION IN FIELD PRIOR TO SWITCH OUTLET INSTALLATION.

OUTLET AND JUNCTION BOXES SHALL NOT BE MOUNTED BACK-TO-BACK. ASSURE 6" MINIMUM SEPARATION IN NON-RATED WALLS. IN RATED WALLS, INSTALL BOXES IN SEPARATE STUD BAYS WITH A 24" MINIMUM SEPARATION.

GROUNDING

GROUND ALL CONDUITS, CABINETS, MOTORS, PANELS, AND OTHER EXPOSED NON-CURRENT CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ALL PROVISIONS OF THE NATIONAL ELECTRICAL CODE, OR CODES THAT MAY APPLY.

PROVIDE GROUND WIRE FOR ALL BRANCH CIRCUITING, MINIMUM #12, FOR EACH CIRCUIT. THIS DOES NOT RELIEVE THE REQUIREMENT FOR GROUNDING THE RACEWAY SYSTEM AND OUTLET BOXES OF I.G. TYPE RECEPTACLES.

PROVIDE INSULATED GROUNDING CONDUCTORS IN ALL CONDUITS. GROUND WIRE TO BE SIZED IN ACCORDANCE WITH NEC ARTICLE 250.122.

SUPPORTS

SECURE ALL SUPPORTS TO BUILDING STRUCTURE AS REQUIRED. DO NOT SUPPORT FROM CEILING HANGERS. SUPPORT HORIZONTAL RUNS OF METALLIC RACEWAYS NOT MORE THAN 10 FEET APART SUPPORT RACEWAY RISERS AT EACH FLOOR LEVEL. RUN EXPOSED RACEWAYS PARALLEL WITH OR AT RIGHT ANGLES TO WALL.

SUPPORT PANEL, JUNCTION, AND PULL BOXES INDEPENDENTLY TO BUILDING STRUCTURE WITH NO WEIGHT BEARING ON RACEWAY.

ALL ANCHORS, FASTENERS, CLAMPS, ETC., SHALL BE MADE OF STEEL AND SHALL NOT CONTAIN ANY LEAD, WOOD, PLASTIC, ETC.

<u>SLEEVES</u>

PROVIDE WATERPROOF SLEEVES, AS APPROVED FOR ROOF, FLOOR, AND WALL PENETRATIONS. ALL PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS OR PARTITIONS SHALL BE SEALED TO PREVENT THE SPREAD OF SMOKE AND FIRE. THE FIRE RATING OF THE PENETRATION SEAL SHALL BE AT LEAST THAT OF THE FLOOR OR WALL INTO WHICH IT IS INSTALLED.

THE FOAM SEALANT SHALL MEET ALL OF THE FIRE TEST AND HOSE STREAM TEST REQUIREMENTS OF ASTM E-119-73 AND SHALL BE U.L. CLASSIFIED AS A WALL OPENING PROTECTIVE DEVICE.

TELEPHONE, SIGNAL, DATA AND COMMUNICATION SYSTEM

PROVIDE ALL OUTLETS AS SHOWN ON PLANS. WALL OUTLETS SHALL BE 4" SQUARE BOX.

MINIMUM CONDUIT SIZE IS 3/4"C, UNO. PROVIDE CONDUIT FROM TELE/DATA OUTLET BOX TO ACCESSIBLE CEILING LOCATION WITH A MINIMUM OF 6" STUBBED OUT AND TERMINATE WITH INSULATED THROAT CONNECTOR. PROVIDE TIED OFF PULL WIRE.

HVAC CONTROLS

MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL CONTROL WIRING INCLUDING CONDUITS. RELAYS, TIME CLOCK, CONTROL TRANSFORMERS, ETC., FOR ALL HVAC EQUIPMENT, UNLESS SPECIFIED OTHERWISE.

ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ONLY POWER WIRING WITH DISCONNECTS, AS SHOWN IN ELECTRICAL DRAWINGS.

TEST AND GUARANTEES

UPON COMPLETION OF ELECTRICAL WORK, TEST FOR GROUNDS AND SHORTS, TO INSURE PROPER OPERATION OF ELECTRICAL EQUIPMENT. REPAIR OR REPLACE FAULTY EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER.

GUARANTEE FOR ONE YEAR AFTER FINAL ACCEPTANCE BY OWNER OF ALL WORKMANSHIP AND MATERIALS FURNISHED.

FIRE ALARM SYSTEM

PROVIDE FIRE ALARM SYSTEM TO MONITOR THE FIRE SPRINKLER FLOW AND TAMPER SWITCHES. PROVIDE (2) TELEPHONE LINES TO FACP. PROVIDE HORN/STROBE AND SMOKE DETECTOR AT FACP.

PROVIDE GREEN INSULATED GROUNDING CONDUCTORS IN ALL CONDUIT AND RACEWAY SYSTEMS.

PROVIDE WP HORN/STROBE ON EXTERIOR OF BUILDING AT LOCATION DIRECTED BY LOCAL FIRE MARSHAL. SYSTEM TO AUTOMATICALLY CALL MONITORING COMPANY UPON DETECTION OF WATER FLOW. SYSTEM TO AUTOMATICALLY CALL MONITORING COMPANY UPON ACTIVATION OF TAMPER SWITCH TO NOTIFY A TROUBLE SIGNAL. SYSTEM TO BE FULLY ADDRESSABLE AND EXPANDABLE TO A FIRE ALARM SYSTEM. PROVIDE FULL BATTERY BACKUP. SYSTEM TO BE FULLY ADA AND CODE COMPLIANT. SYSTEM TO BE MANUFACTURED BY SILENT KNIGHT OR FIRELITE.

SUBMITTALS

GFCI

HP

kcmil

KEF

KFCC

KVA

KW

LC

LS

LTG

LV

MCA

MCB

IG

MANUFACTURER'S CUT SHEETS AND SHOP DRAWINGS OF THE FOLLOWING APPARATUS, GIVING FULL DESCRIPTION AND OTHER PERTINENT FACTS SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER. THEIR APPROVAL SHALL BE SECURED BEFORE APPARATUS IN QUESTION IS ORDERED, BUILT OR INSTALLED.

- 1. LIGHTING FIXTURES, LAMPS AND BATTERY PACKS
- 2. DISTRIBUTION EQUIPMENT (PANELBOARDS, DISCONNECTS, TRANSFORMERS, ETC) 3. DEVICES (SWITCHES, RECEPTACLES, DIMMERS, FACEPLATES, ETC) 4. FIRE ALARM DEVICES AND SYSTEM
- 5. OTHER EQUIPMENT AS SPECIFIED
- END OF SPECIFICATION

BBREV	IATIONS:
\ \	AMPERE
.cc	ABOVE ACCESSIBLE CEILING
CT	ABOVE COUNTER TOP
FF	ABOVE FINISHED FLOOR
	AVAILABLE INTERRUPTING CURRENT
	ALUMINUM
	AUTOMATIC TRANSFER SWITCH
	AMERICAN WIRE GAGE
OH	BACK OF HOUSE
;	CONDUIT
L	CENTERLINE
OMP	COMPRESSOR
OND	CONDENSER
U	COPPER OR CONDENSING UNIT
ISC	DISCONNECT
N	DOWN
С	ELECTRICAL CONTRACTOR
	ELECTRIC DRINKING FOUNTAIN
F	EXHAUST FAN
M	EMERGENCY
OMH	
Q	EQUAL
	EQUIPMENT
	EXISTING TO BE DEMOLISHED
	EXISTING TO BE RELOCATED
ХТ	EXISTING TO REMAIN
	FUSED
	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM CONTROL PANEL
	FULL LOAD AMPERES
	FLOORBOX FUTURE
	GROUND
AP	GENERATOR ANNUNCIATOR PANEL
EN SEN	
	GROUND FAULT CIRCUIT INTERRUPTER

HORSEPOWER OR HEAT PUMP

KITCHEN FAN CONTROL CENTER

THOUSAND CIRCULAR MILS

KITCHEN EXHAUST FAN

LIGHTING CONTACTOR

MINIMUM CIRCUIT AMPACITY

MAIN CIRCUIT BREAKER

ISOLATED GROUND

KILOVOLT AMPERES

KILOWATTS

LIFE SAFETY

LOW VOLTAGE

LIGHTING

MFR MANUFACTURER

MLO MOCP MRS MSB MTS N	MAXIMUM OVERCURRENT PROTECTION MOTOR-RATED SWITCH MAIN SWITCHBOARD
NF	NONFUSIBLE
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT; UNSWITCHED, "ON" 24/7
Р	POLE
PH,Ø	PHASE
	PANEL
POE	
	POINT OF SALE
REC	
REF	
RTU	
	SERVICE ENTRANCE RATED
SPD	
÷=	SWITCHBOARD
TC	TIMECLOCK
TR	TAMPER RESISTANT
TYP UH	TYPICAL UNIT HEATER
UNO	
USB	
V	VOLTS
VA	VOLT-AMPERES

WIRELESS ACCESS POINT

WATTS

XFMR TRANSFORMER

WATER HEATER

WEATHER PROOF

WAP

WН

WP

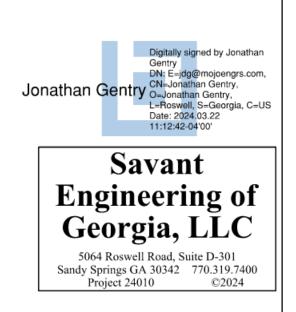


HA-1,3,5

Bad

NOTES:

	NUMBE	ADJACENT TO ARROW INDICATES HOMERUN OF CIRCUIT 1,3,5 TO PANEL HA. SLASH MARKS INDICATE THE R OF #12 CONDUCTORS. EQUIPMENT GROUNDING CONDUCTORS ARE REQUIRED BUT ARE NOT SHOWN. NO	
Q 3		INDICATE TWO #12 CONDUCTORS AND ONE #12 GROUND. NUMBER(S) AND LOWER CASE LETTER(S) INDICATE AND SWITCH LEG DESIGNATION, RESPECTIVELY. CAPITAL LETTERS DESIGNATE FIXTURE TYPE.	
10		ING HEIGHTS ARE TO CENTERLINE OF DEVICES UNO, AND SHALL BE THE MOUNTING HEIGHT USED,	1
) 	ALL SYMBO	ECIFICALLY INDICATED OTHERWISE ON THE DRAWINGS. LS INDICATED IN THIS LEGEND MAY NOT NECESSARILY BE USED ON THE PLANS. SPECIFICATIONS FOR DEVICE AND EQUIPMENT SPECIFICATIONS.	mc
,. ↓. 5	REFER TO A	ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF LIGHTING FIXTURES. HEIGHTS FOR LIGHT SWITCHES, RECEPTACLE, FIRE ALARM DEVICES, AND ETC., COMPLY WITH A.D.A.	
5.	DO NOT VA	RY THESE DIMENSIONS. ARCHITECTURAL PLANS FOR EXACT DEVICE LOCATIONS AND DIMENSIONS.	
		RECESSED OR SURFACE MOUNTED FIXTURE, SHADING INDICATES EMERGENCY FIXTURE	-
0		STRIP FIXTURE - MOUNTING AS INDICATED, SHADING INDICATES EMERGENCY FIXTURE	
	$\bigcirc \bullet$	RECESSED OR SURFACE MOUNTED DOWNLIGHT, SHADING INDICATES EMERGENCY FIXTURE WALL MOUNTED FIXTURE, SHADING INDICATES EMERGENCY FIXTURE	Seal:
	() •©4 1991	SURFACE OR RECESSED DIRECTIONAL FIXTURE CEILING OR WALL MOUNTED EXIT SIGN, ARROWS DENOTE DIRECTION OF EGRESS, DARKENED QUADRANT	
		INDICATES FACE TRACK LIGHTING, TRACK LENGTH AS INDICATED	
		REMOTE BATTERY UNIT HEADS; SEE FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION	
	€ €	WALL MOUNTED EMERGENCY LIGHTING UNIT AND LIGHT HEADS DIRECTIONAL LANDSCAPE FIXTURE	
	Ū Ū U	CEILING OR WALL MOUNTED JUNCTION BOX, HEIGHT AS INDICATED FLUSH FLOOR MOUNTED JUNCTION BOX	
	03 ((S	CEILING MOUNTED OCCUPANCY OR VACANCY SENSOR	
		SINGLE POLE TOGGLE SWITCH - 48" AFF THREE-WAY TOGGLE SWITCH - 48" AFF	A Proje
	S4 SD	FOUR-WAY TOGGLE SWITCH - 48" AFF SINGLE POLE DIMMER SWITCH - 48" AFF	
		THREE-WAY DIMMER SWITCH - 48" AFF FOUR-WAY DIMMER SWITCH - 48" AFF	
		KEY OPERATED SWITCH - 48" AFF TIMER OPERATED SWITCH - 48" AFF	
	SP	SINGLE POLE TOGGLE SWITCH WITH PILOT LIGHT IN TOGGLE MOUNT 48" AFF	
		OCCUPANCY OR VACANCY SENSOR WALL-MOUNTED 48" AFF VACANCY SENSOR DIMMER SWITCH WALL-MOUNTED 48" AFF	
	¢	CABLE BOX-MOUNTING HEIGHT AS INDICATED. PROVIDE 1"C FROM BOX TO ABOVE ACCESSIBLE CEILING. DUPLEX RECEPTACLE - 18" AFF OR AT HEIGHT INDICATED, NEMA 5-20R	
	♦	FLUSH CEILING BOX WITH DUPLEX RECEPTACLE, NEMA 5-20R FLUSH CEILING BOX WITH QUAD RECEPTACLE, NEMA 5-20R	
	₽₩	DOUBLE DUPLEX RECEPTACLE - 18" AFF OR AT HEIGHT INDICATED, NEMA 5-20R DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE - 18" AFF NEMA 5-20R	
	WP	WEATHERPROOF DUPLEX 20A GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE - 36" AFF	
	e e	DUPLEX RECEPTACLE - ISOLATED GROUND - 18" AFF NEMA 5-20R DUPLEX RECEPTACLE, TOP RECEPTACLE SWITCH - 18" AFF UNLESS NOTED, NEMA 5-20R	
	↔ \$	SINGLE RECEPTACLE STRAIGHT BLADE - HEIGHT AS INDICATED SPECIAL PURPOSE RECEPTACLE - TYPE AND MOUNTING AS INDICATED	
		SURFACE MOUNTED MULTI-OUTLET RACEWAY SYSTEM FOR CONDUCTORS AND DEVICES AS SPECIFIED, LENGTH AS INDICATED	
		POWER AND TELEPHONE POLE	
		FLUSH FLOOR BOX WITH DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R FLUSH FLOOR BOX WITH DUPLEX RECEPTACLE, NEMA 5-20R FLUSH FLOOR BOX WITH COMBINATION TELEPHONE/DATA OUTLET	
		FLUSH FLOOR BOX WITH TELEPHONE OUTLET	Client:
	☑	FLUSH FLOOR BOX WITH DATA OUTLET FLUSH CEILING BOX WITH COMBINATION TELEPHONE/DATA OUTLET	
	♥Ø	FLUSH CEILING BOX WITH TELEPHONE OUTLET FLUSH CEILING BOX WITH DATA OUTLET	
		COMBINATION DATA/TELEPHONE OUTLET MOUNT 18" AFF	J W/
	►	TELEPHONE OUTLET MOUNT 18" AFF DATA OUTLET MOUNT 18" AFF	
	WAP	WIRELESS ACCESS POINT	
		SECURITY CAMERA (REFER TO PLANS) EQUIPMENT AS NOTED	
		FIRE ALARM CONTROL PANEL: SURFACE / FLUSH	
	Ē Ē⊲	FIRE ALARM PULL STATION - 48" AFF FIRE ALARM SYSTEM AUDIO/VISUAL SIGNAL, ADA APPROVED, BOTTOM MOUNTED 80" AFF 75 CANDELA UNO	Revisio
	⊠	FIRE ALARM VISUAL SIGNAL (STROBE), ADA APPROVED, BOTTOM MOUNTED 80" AFF 75 CANDELA UNO	
	s H	CEILING OR WALL MOUNTED SMOKE DETECTOR CEILING OR WALL MOUNTED HEAT DETECTOR	
	Ŷ	DUCT MOUNTED SMOKE DETECTOR	
	ÛĒ	FLOW AND TAMPER SWITCHES	
	©	CARBON MONOXIDE DETECTOR CONDUIT INSTALLED CONCEALED IN WALLS AND/OR ABOVE CEILING	
	~~~	CONDUIT INSTALLED CONCEALED IN/OR BELOW FLOOR SLAB OR BELOW GRADE	
	ŀ	CONDUIT INSTALLED EXPOSED SYSTEMS GROUND	
	_•/_● ]	CONDUIT TURNING UP/CONDUIT TURNING DOWN CONDUIT TERMINATION, STUB-OUT WITH THREADED OR SET SCREW CAP	
		EQUIPMENT BACKBOARD - 3/4" X 4' X 8' PLYWOOD, UNLESS NOTED	
		PANEL BOARD - SURFACE OR FLUSH MOUNTED NON-FUSED DISCONNECT SWITCH - RATING/POLES/ENCLOSURE AS INDICATED (e.g: 30/3/3R)	
	_		1 1
	Z	FUSED DISCONNECT SWITCH - RATING/POLES/ENCLOSURE/FUSE AS INDICATED (e.g.: 60/3/3R/F40)	
	∎ ⊊ Sm	MOTOR, HORSEPOWER AS INDICATED, 'F' INDICATES FRACTIONAL HORSEPOWER MOTOR RATED SWITCH WITH THERMAL OVERLOAD PROTECTION	No. Project





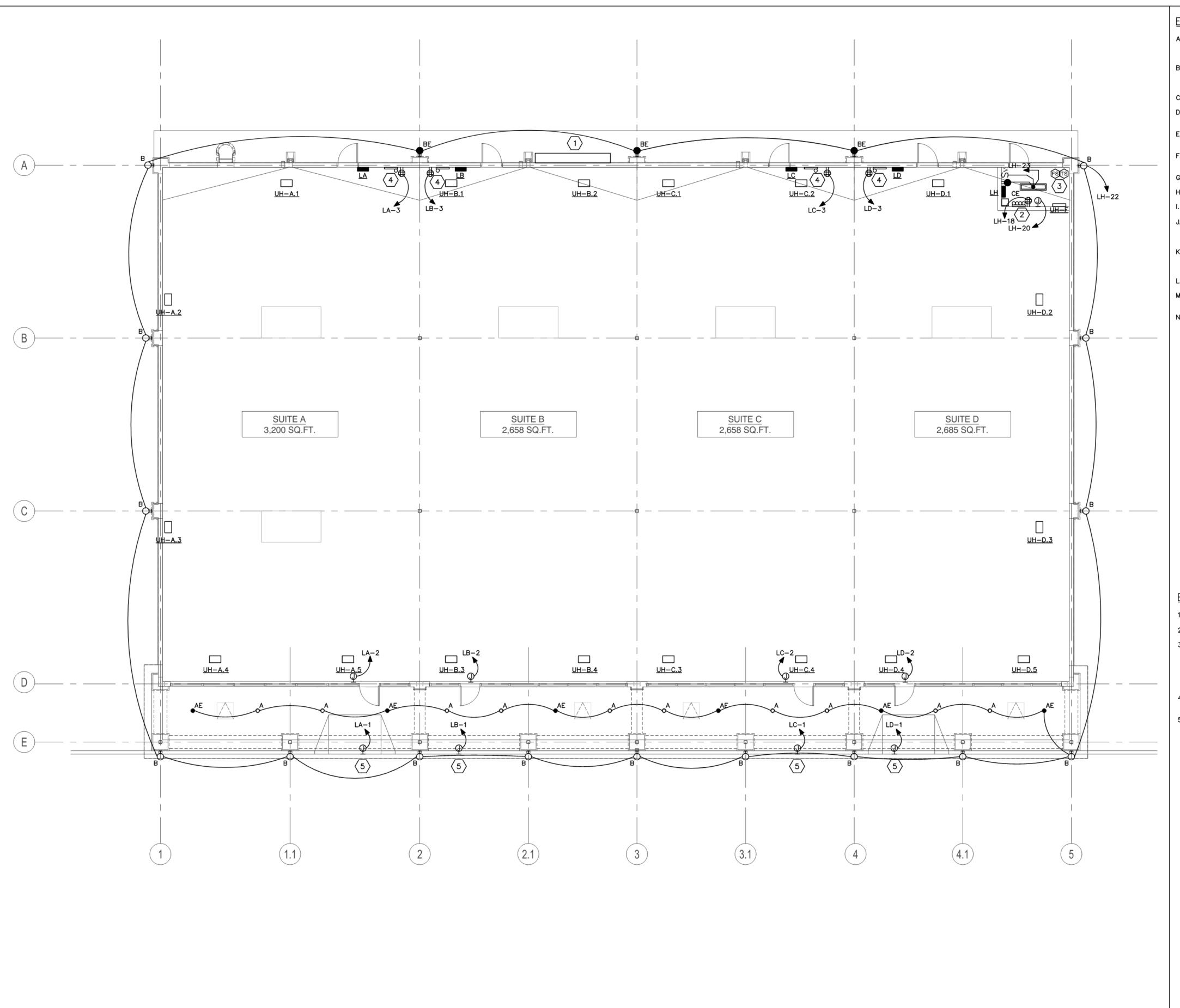
No. Description	Date
Project No.:	22.475.10
Drawn By:	AJS
Reviewed By:	JG
Scale:	AS NOTED
Date:	03/27/24

Sheet Title:

ELECTRICAL COVER SHEE

Sheet #:



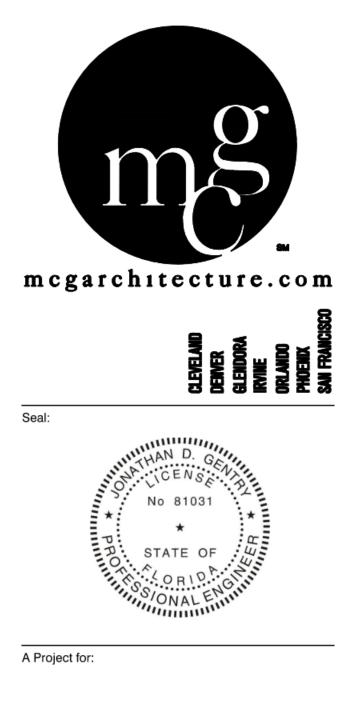


SCALE 1/8" = 1' - 0"

I

## ELECTRICAL GENERAL NOTES:

- . OBTAIN MANUFACTURER'S DATA ON ALL EQUIPMENT, THE DIMENSIONS OF WHICH MAY AFFECT INSTALLATION. USE THIS DATA TO COORDINATE PROPER SERVICE CHARACTERISTICS, ENTRY LOCATIONS, ETC., AND TO INSURE MINIMUM CLEARANCES ARE MAINTAINED.
- 3. ANY WALLS, CEILINGS, EQUIPMENT, ETC., DAMAGED BY THE CONTRACTOR IN CONSTRUCTION OF THIS PROJECT SHALL BE REPAIRED, RESTORED AND/OR REPLACED BY THE CONTRACTOR TO ITS ORIGINAL CONDITION, OR TO PERFORM ITS INTENDED FUNCTION, AT NO ADDITIONAL COST TO OWNER.
- C. ALL WIRES SHALL BE TERMINATED WITHIN ELECTRICAL BOXES. NOT LEFT LOOSE.
- ALL JUNCTION BOXES AND RECEPTACLES SHALL INDICATE THE CIRCUITS CONTAINED WITHIN. PROVIDE TYPED LABEL AND PERMANENTLY AFFIX TO COVERPLATE.
   SEE ARCHITECTURAL DRAWINGS FOR ANY UNLISTED MOUNTING HEIGHTS FOR LIGHTS, DEVICES, AND
- EQUIPMENT. CONTRACTOR TO COORDINATE ELECTRICAL SERVICE PROVISIONS WITH POWER COMPANY PRIOR TO BID AND PURCHASE IF APPLICABLE.
- G. PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS.
- H. PAINT EXTERIOR ELECTRICAL GEAR TO MATCH EXTERIOR FINISHES OR TO MEET CODE.
- RECEPTACLES INSTALLED ON EXTERIOR OF BUILDING MUST BE RATED AS REQUIRED BY JURISDICTION. CONTRACTOR SHALL PROVIDE 3/4"C. WITH PULL STRING TO PIV FROM FACP WHERE REQUIRED. ADDITIONALLY, PROVIDE 3/4"C. WITH PULL STRING TO FIRE LINE TAMPER SWITCH IN HOT BOX FROM FACP WHERE REQUIRED. SEE CIVIL DRAWINGS FOR LOCATIONS.
- ALL GFCI OUTLETS THAT SHARE CIRCUIT WITH NON-GFCI DEVICES OR FIXTURES SHALL BE WIRED IN PARALLEL WITH NON-GFCI DEVICES OR FIXTURES SUCH THAT GFCI TRIP DOES NOT AFFECT USE OF OTHER DEVICES OR FIXTURES.
- .. ELECTRICAL DEVICES SHALL NOT BE INSTALLED BACK-TO-BACK IN ANY WALLS.
- M. CONTRACTOR CONFIRM WITH MANUFACTURER THAT LIGHT FIXTURES AND ASSOCIATED LIGHTING CONTROLS ARE COMPATIBLE WITH EACH OTHER.
- N. PROVIDE UNSWITCHED HOT TO ALL EMERGENCY, EGRESS, AND NIGHT LIGHT FIXTURES.





# ELECTRICAL KEYNOTES

- 1. 1. BUILDING ELECTRICAL SERVICE. REFER TO 5/E6.1 FOR ADDITIONAL DETAILS.
- 2. BUILDING TELEPHONE SERVICE. REFER TO 2/E6.1 FOR ADDITIONAL DETAILS.
- 3. PROVIDE ADDRESSABLE AUTODIALER TO MONITOR THE SPRINKLER SYSTEM AND AUTOMATICALLY CALL THE MONITORING COMPANY IN CASE OF FLOW OR ALARM. PROVIDE PULL STATION AND AUDIO/VISUAL DEVICE BESIDE PANEL. PROVIDE SMOKE DETECTOR ABOVE PANEL. PROVIDE FLOW AND TAMPER SWITCHES AS REQUIRED FOR SPRINKLER SYSTEM. EXTEND (1) 3/4"C. FROM PANEL TO BUILDING TELEPHONE BACKBOARD FOR PHONE LINE. WIRE 2#12, #12(G), 3/4"C. TO CIRCUIT AS SHOWN. SILENT KNIGHT OR EQUAL.
- 4. PROVIDE 2"C. WITH PULL STRING FOR TELEPHONE. TURN UP AND CAP AT TENANT SPACE FOR FUTURE USE.
- 5. COORDINATE ACCESS FOR TENANT SIGN WITH ARCHITECT AND OWNER PRIOR TO ROUGH IN.

# J WATTS PROPERTIES, INC.

Client:

308 W. JAMES LEE BLVD. CRESTVIEW, FL 32536

Revisions:	
No. Description	Date
Project No.:	22.475.10
Drawn By:	AJS
Reviewed By:	JG
Scale:	AS NOTED
Date:	03/27/24

Sheet Title:



Sheet #:

Savant

Engineering of Georgia, LLC

5064 Roswell Road, Suite D-301 Sandy Springs GA 30342 770.319.7400 Project 24010 ©2024

SCALE

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NOTES



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		LIGHTING FIXTU	JRE SC	CHEDULE		
TYPE	MANUFACTURER	CATALOG NUMBER	VOLT	LAMP	MOUNTING	COMMENTS
А	VANTAGE LIGHTING	V6OFCU-20-35K-F6060-SCL	120	26W LED	RECESSED	6" RECESSED C
AE	VANTAGE LIGHTING	V6OFCU-20-35K-F6060-SCL-REM	120	26W LED	RECESSED	6" RECESSED C EMERGENCY BA
в	CURRENT LIGHTING	EWAS01-0-Ax-AW-7-40-FM-XXXX	120	21W LED	WALL MOUNT	LED WALLPACK
BE	CURRENT LIGHTING	EWAS01-0-Ax-AW-7-40-FM-XXXX-EMBB	120	21W LED	WALL MOUNT	LED WALLPACK EMERGENCY BA
CE	VISCOR LIGHTING	LCOMN48-LED-8-3550KS-UN3-B39- KITOOOO1	120	33W LED	CHAIN HUNG	1X4 UTILITY STR EMERGENCY BA

NOTES:

GENERAL: CONFIRM ALL FINISHES WITH ARCHITECT AND OWNER PRIOR TO PROCUREMENT.

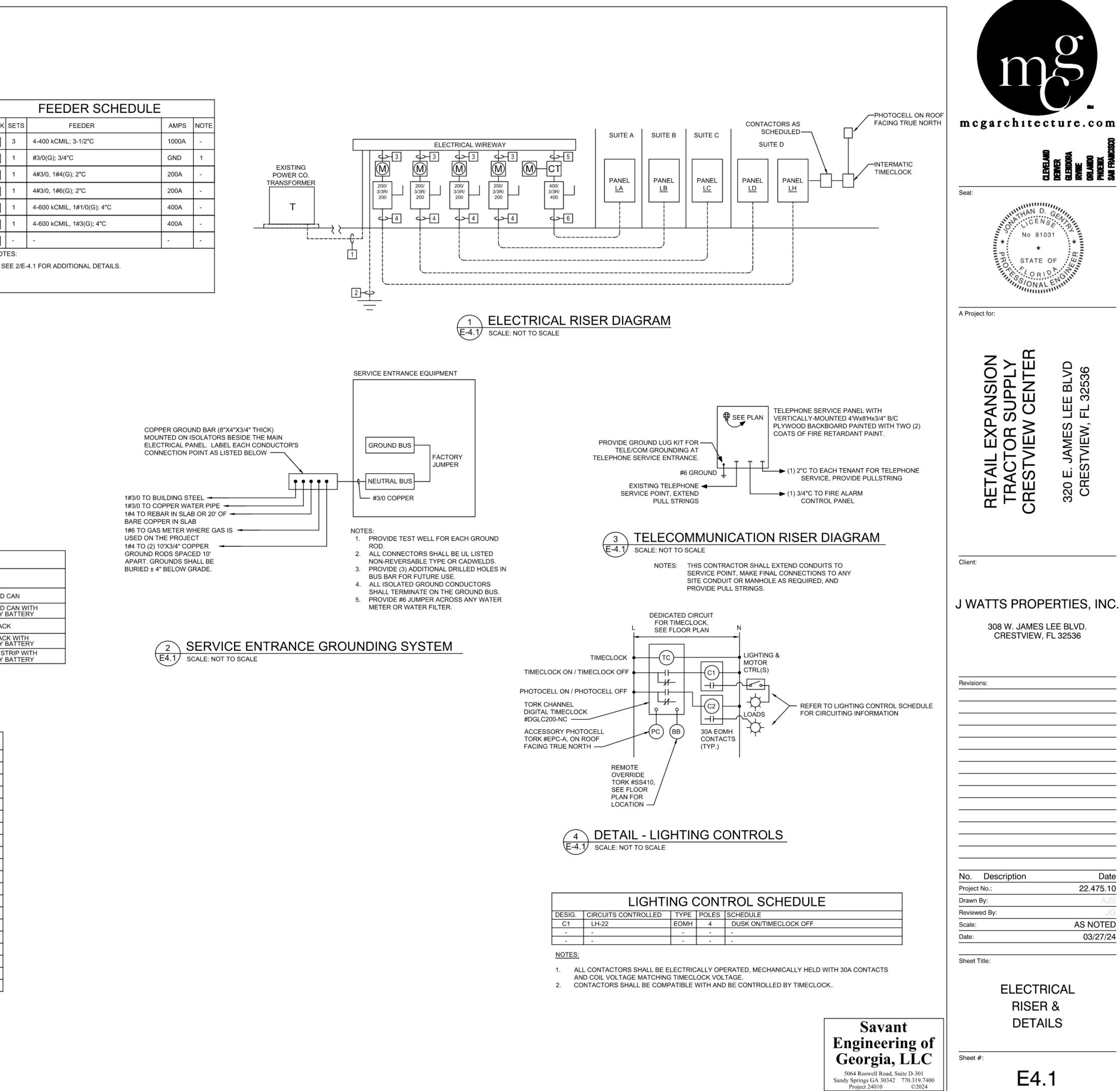
GENERAL: CONFIRM MOUNTING HARDWARE WITH ARCHITECTURAL REFLECTED CEILING PLAN PRIOR TO PROCUREMENT.

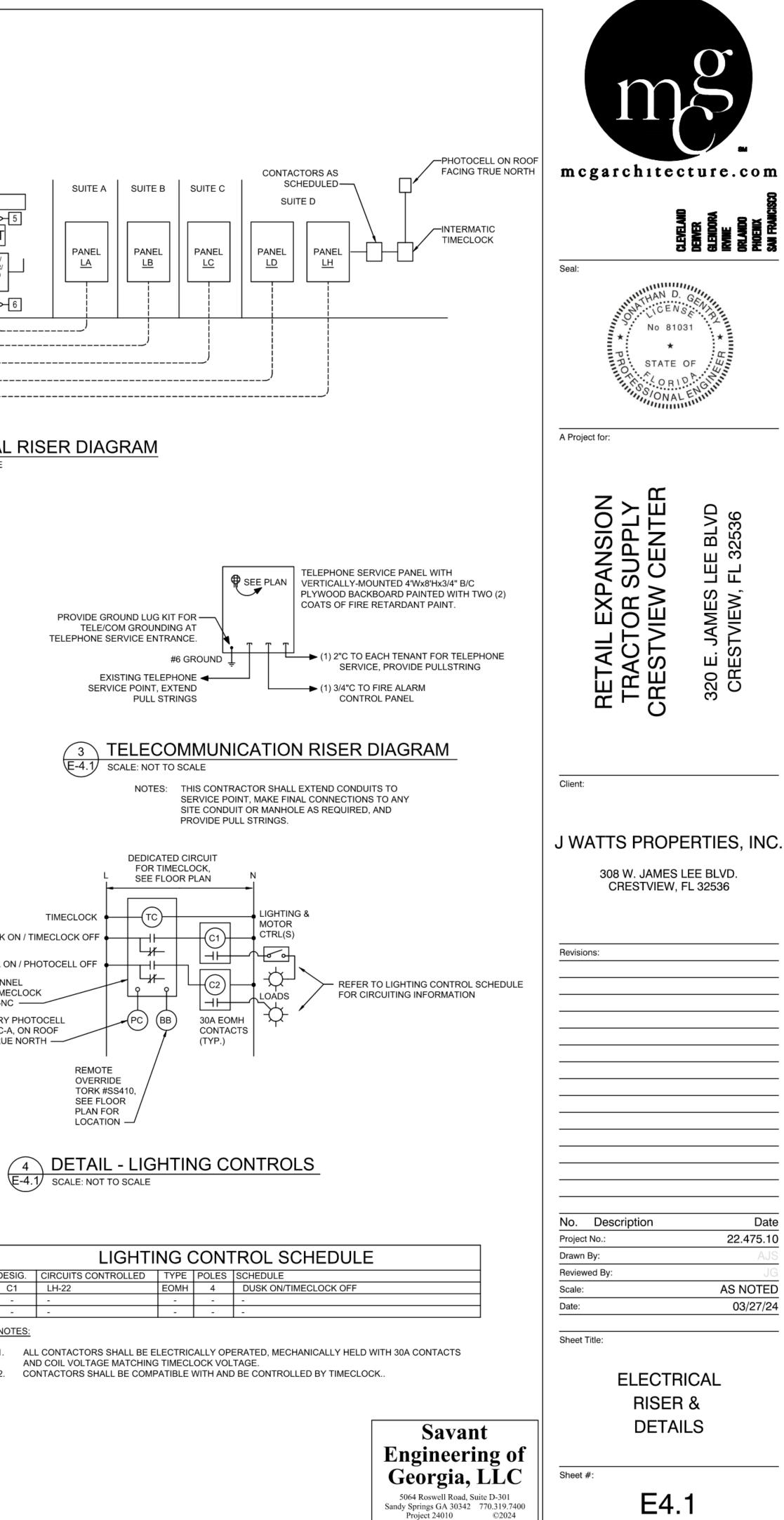
3. GENERAL: EQUALS SHALL BE ALLOWED WITH PRIOR APPROVAL TO BID BY: ACUITY, HUBBELL, & COOPER.

	MECHANICAL I	EQUIPMENT CONNECT	ION SCHEDULE		
EQUIPMENT	CIRCUIT DESIGNATION	FEEDER	DISCONNECT	LOAD	NOTES
UH-F	LH-1,3	2#12,1#12(G);1/2"C	MRS	2 kW	1
UH-A.1	LH-2,4	2#10,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-A.2	LH-2,4	2#10,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-A.3	LH-5,7	2#8,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-A.4	LH-5,7	2#8,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-A.5	LH-5,7	2#8,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-B.1	LH-6,8	2#10,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-B.2	LH-6,8	2#10,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-B.3	LH-9,11	2#10,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-B.4	LH-9,11	2#10,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-C.1	LH-10,12	2#10,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-C.2	LH-10,12	2#10,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-C.3	LH-13,15	2#10,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-C.4	LH-13,15	2#10,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-D.1	LH-14,16	2#10,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-D.2	LH-14,16	2#10,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-D.3	LH-17,19	2#8,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-D.4	LH-17,19	2#8,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1
UH-D.5	LH-17,19	2#8,1#10(G);3/4"C	30A/2P/1/F20A	2.2 kW	1

NOTES:

1. PROVIDE OVERCURRENT PROTECTION AND BRANCH CIRCUITS PER UL LISTED REQUIREMENTS FOR EQUIPMENT SERVED. REFER TO MANUFACTURER DATA AND EQUIPMENT CUT-SHEETS FOR ROUGHIN LOCATIONS OF ELECTRICAL CONNECTIONS AND INTERCONNECTIONS FOR ALL EQUIPMENT. COORDINATE EXACT NAMEPLATE DATA OF EQUIPMENT BEING INSTALLED WITH MECHANICAL CONTRACTOR. THIS MEANS FOR THE ELECTRICAL CONTRACTOR TO MEET WITH THE MECHANICAL CONTRACTOR AND ACQUIRE A COPY OF THE SHOP DRAWINGS FOR THE EXACT PIECES OF EQUIPMENT THAT WILL BE INSTALLED. THE ELECTRICAL CONTRACTOR SHALL COMPARE THE MANUFACTURER'S DATA SHEETS FOR THE ACTUAL EQUIPMENT THAT IS BEING USED WITH THE ELECTRICAL PLANS PRIOR TO ORDERING THE ELECTRICAL GEAR. IF THERE ARE ANY DIFFERENCES BETWEEN WHAT THE MECHANICAL CONTRACTOR IS PLANNING TO USE AND WHAT THE ELECTRICAL PLANS INDICATE, THE ELECTRICAL CONTRACTOR SHALL BRING THE DISCREPANCIES TO THE ATTENTION OF THE GENERAL CONTRACTOR AND THE CONTRACTORS SHALL WORK OUT ANY ADDITIONAL MONIES REQUIRED WITHOUT ANY COST TO THE OWNER. IF THIS ON SITE COORDINATION DOES NOT HAPPEN, IT WILL BE ASSUMED THAT THE ELECTRICAL CONTRACTOR SHALL ABSORB ANY AND ALL COSTS THAT MAY BE ASSOCIATED WITH THE MECHANICAL CONTRACTOR'S EQUIPMENT. NOTE THAT THE MECHANICAL CONTRACTOR MAY USE DIFFERENT MANUFACTURERS THAN THE DESIGN INTENT PLANS INDICATE AND THESE DIFFERENT MANUFACTURERS MAY HAVE DIFFERENT ELECTRICAL REQUIREMENTS.





	SCHEDULE OF PANEL LA																				
CKT. NO.		DESCRIPTION	LTS	REC	HTG	A/C	MTR	MISC	Α	B	c	MISC	MTR	A/C	НТG	REC	LTS	DESCRIP	TION		CKT. NO.
1	20/1	POWER - BLDG SIGNAGE	0.5						•		Π						0.5	POWER	- SIGNAGE	20/1	2
3	20/1	RCPT - TELECOM		0.36						•	Π								SPARE	20/1	4
5	20/1	SPARE									$\mathbf{\bullet}$								SPARE	20/1	6
7	20/1	SPARE							•		Π								SPARE	20/1	8
9	20/1	SPARE								ŧ	Π								SPARE	20/1	10
11	20/1	SPARE									$\bullet$								SPARE	20/1	12
13	20/1	SPARE							•										SPARE	20/1	14
15	20/1	SPARE								ŧ									SPARE	20/1	16
17	20/1	SPARE									$\bullet$								SPARE	20/1	18
19	20/1	SPARE							•										SPARE		20
21		SPACE								ŧ									SPACE		22
23		SPACE									$\bullet$								SPACE		24
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35		SPACE									$\bullet$								SPACE		36
37		SPACE							•										SPACE		38
39		SPACE								ŧ									SPACE		40
41		SPACE									$\bullet$								SPACE		42
CAT	EGORY	TOTALS CONNECTED (KVA)	0.5	0.36	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.5	CATEGORY TOTA	ALS CONNE	CTED (KV	/A)
40	0A MLO	MAIN RATING 120/208	Ň	VAC	3 F	HASE	4	WIRE		PR	20	/IDE F	EED-	THRU	LUGS:		NO	TOTAL CONNI	ECTED LOA	D:	1.36
М	INIMUM E	REAKER AIC: 22,000	PRO\	/IDE IC	G BUS	BAR:	N	С	NE	MA F	RAT	ring:	1	MC	DUNTIN	IG:	SURF	ACE TOTAL DE	MAND LOA	D:	1.61
*	-DENOTE	S PROVIDE LOCK-ON CIRCUI	T BRE	AKER		+ -D	ENOT	ES PR	ROV	IDE	GF		RCUIT	BREA	KER	#	-DEN	IOTES PROVIDE AF	CI CIRCUIT	BREAKE	R
NO.	TES:																				

					S	SCH	IEC	UL	E	0	F	PA	٨NE	EL L	C						
CKT. NO.		DESCRIPTION	LTS	REC	HTG	A/C	MTR	MISC	A	в	С	MISC	MTR	A/C	HTG	REC	LTS		DESCRIPTION		CKT.
1	20/1	POWER - BLDG SIGNAGE	0.5						þ								0.5		POWER - SIGNAGE	20/1	2
3	20/1	RCPT - TELECOM		0.36					Π	•	Π								SPARE	20/1	4
5	20/1	SPARE							Π	1	$\bullet$								SPARE	20/1	6
7	20/1	SPARE							۰										SPARE	20/1	8
9	20/1	SPARE								•									SPARE	20/1	10
11	20/1	SPARE								•	$\bullet$								SPARE	20/1	12
13	20/1	SPARE							۰										SPARE	20/1	14
15	20/1	SPARE								•									SPARE	20/1	16
17	20/1	SPARE								•	$\bullet$								SPARE	20/1	18
19	20/1	SPARE							Þ		Π								SPARE	20/1	20
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39		SPACE								•									SPACE		40
41		SPACE																	SPACE		42
CAT	EGORY	TOTALS CONNECTED (KVA)	0.5	0.36	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.5	CATE	GORY TOTALS CONNE	CTED (K\	/A)
20	0A MLO	MAIN RATING 120/208	١	/AC	3 P	HASE	4	WIRE		PF	801	/IDE F	EED-	THRU	LUGS:		NO	тс	TAL CONNECTED LOA	D:	1.36
М	INIMUM E	BREAKER AIC: 22,000	PRO\	IDE IC	G BUS	BAR:	N	0	NE	MA F	RA	TING:	1	МС	DUNTI	IG:	SURF	ACE	TOTAL DEMAND LOA	D:	1.61
*	-DENOTE	S PROVIDE LOCK-ON CIRCUI	T BRE	AKER		+ -D	ENOT	ES PF	ROV	/IDE	GF		RCUIT	BREA	KER	#	-DEN	OTES P	PROVIDE AFCI CIRCUIT	BREAKE	R
NO	TES:																				

SCHEDULE OF PANEL LH																					
CKT. NO.		DESCRIPTION	LTS	REC	HTG	A/C	MTR	MISC	А	B(	2	MISC	MTR	A/C	HTG	REC	LTS		DESCRIPTION		CKT.
1	20/2	UH-F			1.0				٠		Π				2.2				UH-A.1 & A.2	30/2	2
3	20/2	UH-F			1.0					•	Π				2.2				UH-A.1 & A.2		4
5	40/2	UH-A.3, A.4, & A.5			3.3										2.2				UH-B.1 & B.2	30/2	6
7	40/2	UH-A.3, A.4, & A.5			3.3				٠		Π				2.2				UH-B.1 & B.2	50/2	8
9	30/2	UH-B.3 & B.4			2.2					•	Π				2.2				UH-C.1 & C.2	30/2	10
11	30/2	UH-B.3 & B.4			2.2						Þ				2.2				UH-C.1 & C.2	30/2	12
13	30/2	UH-C.3 & C.4			2.2				٠		Π				2.2				UH-D.1 & D.2	30/2	14
15	30/2	UH-C.3 & C.4			2.2					•	Π				2.2				UH-D.1 & D.2	30/2	16
17	40/2	UH-D.3, D.4, & D.5			3.3						Þ					0.36			RCPT - TELECOM	20/1	18
19	40/2	UH-D.3, D.4, & D.5			3.3				٠		Π					0.5		*	POWER - FACP	20/1	20
21	20/1	TIME CLOCK		0.5						•	Π						0.64		LTG - EXTERIOR	20/1	22
23	20/1	RCPT & LTG - FIRE RISER	0.03	0.18							Þ								SPACE		24
25		SPACE							٠		Π								SPACE		26
27		SPACE								•	Π								SPACE		28
29		SPACE																	SPACE		30
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37		SPACE							٠		Π								SPACE		38
39		SPACE								•	Π								SPACE		40
41		SPACE																	SPACE		42
CAT	EGORY	TOTALS CONNECTED (KVA)	0.03	0.68	24.0	0.0	0.0	0.0				0.0	0.0	0.0	17.6	0.86	0.64	CATE	GORY TOTALS CONNE	CTED (K	VA)
200	DA MLO	MAIN RATING 120/208		VAC	3 P	HASE	4	WIRE		PR	20	/IDE F	EED-1	THRU	LUGS:		NO	тс	TAL CONNECTED LOA	D:	43.67
MI	NIMUM E	BREAKER AIC: 22,000	PRO\	/IDE IC	G BUS	BAR:	N	0	NE	MA F	RA	ring:	1	мс	UNTIN	NG:	SURF	ACE	TOTAL DEMAND LOA	D:	43.95
*	-DENOTE	S PROVIDE LOCK-ON CIRCUI	T BRE	AKER		+ -D	ENOT	ES PF	lov	IDE	GF		RCUIT	BREA	KER	#	-DEN	IOTES P	PROVIDE AFCI CIRCUIT	BREAK	ER
NOT	TES:																				

					S	SC⊦	IEC	DUL	E	OF	F P/	١NE	ELL	B						
KT. 10.		DESCRIPTION	LTS	REC	HTG	A/C	MTR	MISC	А	вС	MISC	MTR	A/C	HTG	REC	LTS		DESCRIPTION		CK1 NO.
1	20/1	POWER - BLDG SIGNAGE	0.5						٠							0.5		POWER - SIGNAGE	20/1	2
3	20/1	RCPT - TELECOM		0.36						•								SPARE	20/1	4
5	20/1	SPARE																SPARE	20/1	6
7	20/1	SPARE							۰									SPARE	20/1	8
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		TOTALS CONNECTED (KVA)		0.36		0.0		0.0						0.0		0.5	CATE	GORY TOTALS CONNE	CTED (K\	,
	A MLO	MAIN RATING 120/208		VAC		HASE		WIRE						LUGS:		NO		TAL CONNECTED LOA		1.36
		BREAKER AIC: 22,000		/IDE IC			N				ATING:			DUNTIN	_	SURF		TOTAL DEMAND LOA		1.61
* -	DENOTE	ES PROVIDE LOCK-ON CIRCU	IT BRE	AKER		+ -D	ENOT	ES PR	ROV	DE G	FCI CI	RCUIT	BREA	KER	#	-DEN	IOTES	PROVIDE AFCI CIRCUIT	BREAKE	R

					S	SCH	IEC	UL	E	0	F	PA	NE	LL	D						
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1	20/1	POWER - BLDG SIGNAGE	0.5						þ								0.5		POWER - SIGNAGE	20/1	2
3	20/1	RCPT - TELECOM		0.36						•									SPARE	20/1	4
5	20/1	SPARE									¢								SPARE	20/1	6
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9	20/1	SPARE								•									SPARE	20/1	10
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41		SPACE									•								SPACE		42
CAT	EGORY "	TOTALS CONNECTED (KVA)	0.5	0.36	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.5	CATE	GORY TOTALS CONNE	CTED (K	VA)
20	DA MLO	MAIN RATING 120/208	Ņ	VAC	3 P	HASE	4	WIRE		PF	20	VIDE F	EED-1	THRU	LUGS		NO	тс	TAL CONNECTED LOA	D:	1.36
М	NIMUM E	BREAKER AIC: 22,000	PRO\	/IDE IC	G BUS	BAR:	N	0	NE	MA	RA	TING:	1	МС	DUNTI	NG:	SURF	ACE	TOTAL DEMAND LOA	D:	1.61
*	-DENOTE	ES PROVIDE LOCK-ON CIRCU	T BRE	AKER		+ -D	ENOT	ES PF	0\	/IDE	GF		RCUIT	BREA	KER	#	-DEN	OTES	PROVIDE AFCI CIRCUIT	BREAKE	ER
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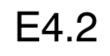


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Date:	03/27/24

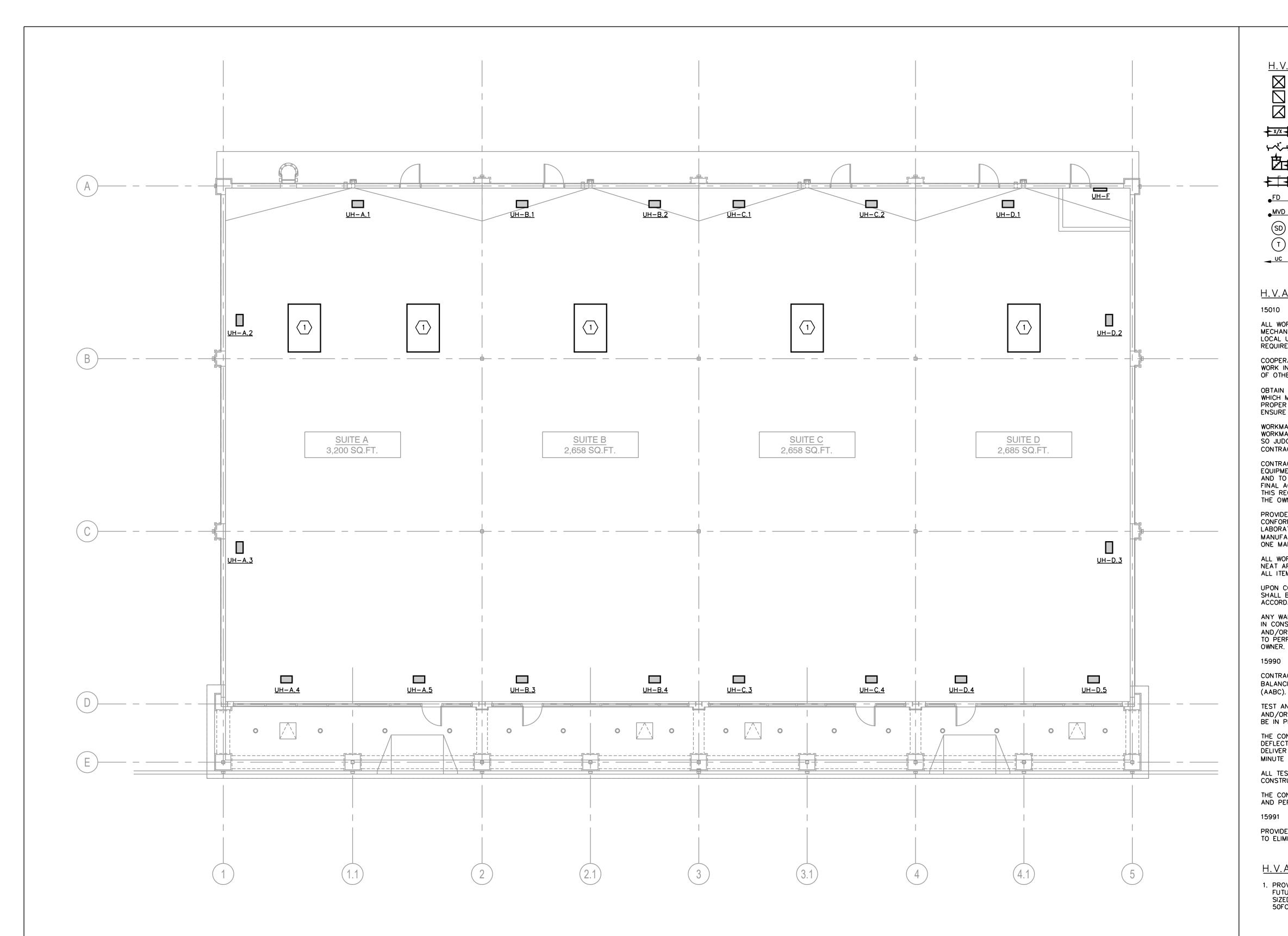
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ELECTRICAL PANELBOARD SCHEDULES

Sheet #:







UNIT	AREA	MANUFACTURER	MODEL	LOCATION	FUEL	MO	TOR	NOTE(S)	
LABEL	SERVED		WODEL	LOCATION	SOURCE	KW	V/Ø		
UH-F	FIRE RISER	QMARK	AWH4408F	WALL HUNG	ELECTRIC	2	208/1	1	
UH-A.1- A.5	SUITE A	QMARK	MUH03-21	CEILING HUNG	ELECTRIC	2.2	208/1	1 - 2	
UH-B.1- B.4	SUITE B	QMARK	MUH03-21	CEILING HUNG	ELECTRIC	2.2	208/1	1 - 2	
UH-C.1- C.4	SUITE C	QMARK	MUH03-21	CEILING HUNG	ELECTRIC	2.2	208/1	1 - 2	
UH-D.1- D.5 SUITE D QMARK MUH03-21 CEILING HUNG ELECTRIC 2.2 208/1 1-2									

FLOOR PLAN - H.V.A.C.

SCALE

# H.V.A.C. LEGEND:

3	SUPPLY DIFFUSER
	RETURN AIR GRILLE
3	EXHAUST AIR GRILLE

RIGID DUCTWORK (WIDTH/DEPTH) ۲۰۰۰ FLEX DUCTWORK (DIAMETER)

ELBOW WITH TURNING VANES

MANUAL VOLUME DAMPER

FD FIRE DAMPER

• MVD MOTORIZED VOLUME DAMPER

(SD) DUCT MOUNTED SMOKE DETECTOR

T THERMOSTAT (COORD W ARCH. FOR FINAL LOCATION)

→ UC 3/4" DOOR UNDERCUT

H.V.A.C. SPECIFICATIONS:

15010 MECHANICAL REQUIREMENTS:

ALL WORK SHALL COMPLY WITH THE 2023 FLORIDA BUILDING CODE -MECHANICAL WITH LOCAL AMENDMENTS AND THE REGULATIONS OF THE LOCAL UTILITY COMPANIES. OBTAIN AND PAY FOR ANY AND ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES OF INSPECTIONS.

COOPERATE WITH OTHER TRADES AND CONTRACTORS AT JOB. PERFORM WORK IN SUCH MANNER AND AT SUCH TIMES AS NOT TO DELAY WORK OF OTHER TRADES.

OBTAIN MANUFACTURER'S DATA ON ALL EQUIPMENT, THE DIMENSIONS OF WHICH MAY AFFECT INSTALLATION. USE THIS DATA TO COORDINATE PROPER SERVICE CHARACTERISTICS, ENTRY LOCATIONS, ETC., AND TO ENSURE MINIMUM CLEARANCES ARE MAINTAINED.

WORKMAN SHALL BE EXPERIENCED IN THEIR RESPECTIVE TRADE. WORKMANSHIP OF INSTALLED WORK SHALL BE FIRST CLASS AND WILL BE SO JUDGED. SUBSTANDARD WORK SHALL BE REMOVED AND REPLACED AT CONTRACTOR'S EXPENSE.

CONTRACTOR SHALL AND DOES HEREBY WARRANT ALL MATERIALS AND EQUIPMENT FURNISHED UNDER THIS SECTION TO BE FREE FROM DEFECTS AND TO FUNCTION OR OPERATE SATISFACTORILY FOR ONE YEAR AFTER FINAL ACCEPTANCE OF THE WORK, AND THAT ANY ITEMS NOT MEETING THIS REQUIREMENT WILL BE MADE GOOD BY HIM WITHOUT ANY COST TO THE OWNER.

PROVIDE ONLY NEW, STANDARD FIRST-GRADE MATERIALS THROUGHOUT, CONFORMING TO STANDARDS ESTABLISHED BY UNDERWRITER LABORATORIES INC., AND SO MARKED AND LABELED, TOGETHER WITH MANUFACTURER'S BRAND OR TRADEMARK. ALL LIKE ITEMS SHALL BE OF ONE MANUFACTURER.

ALL WORK SHALL BE EXECUTED IN A MANNER THAT SHALL PRESENT A NEAT APPEARANCE UPON COMPLETION. CARE SHALL BE EXERCISED THAT ALL ITEMS ARE PLUMB, STRAIGHT AND LEVEL.

UPON COMPLETION OF WORK, ALL SYSTEMS SHALL BE TESTED, AND SHALL BE SHOWN TO BE IN PERFECT WORKING CONDITION IN ACCORDANCE WITH THE INTENT OF THE DRAWINGS.

ANY WALLS, CEILINGS, EQUIPMENT, ETC., DAMAGED BY THE CONTRACTOR IN CONSTRUCTION OF THIS PROJECT SHALL BE REPAIRED, RESTORED AND/OR REPLACED BY THE CONTRACTOR TO ITS ORIGINAL CONDITION, OR TO PERFORM ITS INTENDED FUNCTION, AT NO ADDITIONAL COST TO

15990 TEST AND BALANCE:

CONTRACTOR SHALL BE CERTIFIED BY NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB) OR BY ASSOCIATED AIR BALANCE COUNCIL

TEST AND BALANCE ALL AIR SYSTEMS IN ACCORDANCE WITH AABC AND/OR NEBB REQUIREMENTS. ALL EQUIPMENT USED FOR TESTING SHALL BE IN PROPER WORKING ORDER.

THE CONTRACTOR SHALL REGULATE AND ADJUST ALL SPLITTERS, DEFLECTORS AND DAMPERS SO THAT THE INLET OR OUTLET SHALL DELIVER OR REMOVE THE REQUIRED NUMBER OF CUBIC FEET OF AIR PER MINUTE (CFM) AT THE RESPECTIVE OPENINGS.

ALL TESTS SHALL BE CONDUCTED IN THE PRESENCE OF THE CONSTRUCTION SUPERINTENDENT, OR HIS REPRESENTATIVE.

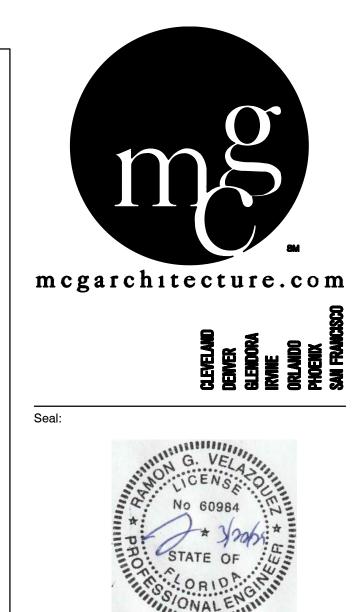
THE CONTRACTOR SHALL FURNISH ALL INSTRUMENTS, TESTING EQUIPMENT AND PERSONNEL THAT MAY BE REQUIRED FOR THE TESTS.

15991 VIBRATION AND NOISE:

PROVIDE VIBRATION ISOLATORS AND ACOUSTIC INSULATION AS REQUIRED TO ELIMINATE ANY OBJECTIONABLE NOISE OR VIBRATION.

H.V.A.C. KEYNOTES 🐼:

1. PROVIDE ROOF CURB AND CURB CAP FOR FUTURE RTU. CURB AND CAP SHALL BE SIZED TO ACCOMMODATE CARRIER MODELS 50FC08-14 OR EQUIVALENT.



ſ ANSION SUPPLY CENTEF LEE BLVD FL 32536 EXPA OR SI TEW 0 320 E. JAMES I CRESTVIEW, F ACTOF STVIE/ RETAIL TRACT( CRESTV

Client:

A Project for:

# J WATTS PROPERTIES, INC.

308 W. JAMES LEE BLVD. CRESTVIEW, FL 32536

Revisions:

No. Description Project No. Drawn By: Reviewed By: Scale: Date:

Date 22.475.10 RGV RGV AS NOTED 03/27/24

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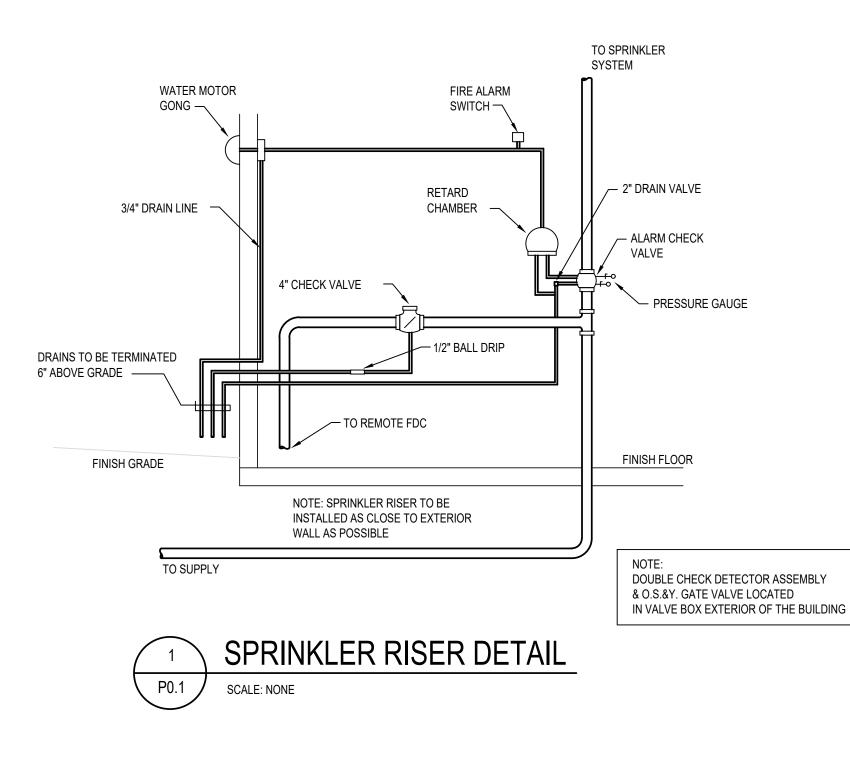
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#### PLUMBING NOTES

- 1. PLUMBING SHALL BE IN ACCORDANCE WITH 2023 FLORIDA PLUMBING CODE, 8TH EDITION AND APPLICABLE LOCAL CODES.
- 2. FURNISH APPROPRIATE ADAPTERS FOR CONNECTION OF DISSIMILAR PIPING
- 3. PROVIDE ACCESS PANELS FOR ALL VALVES AND/OR DEVICES THAT ARE INSTALLED ABOVE A HARD CEILING.
- 4. FLOOR CLEANOUT EQUAL TO JAY R. SMITH MODEL 4020.
- 5. WATER PIPE SHALL BE TYPE "L" HARD DRAWN COPPER WITH 95-5 LEAD FREE SOLDER JOINTS.
- 6. PIPE HANGERS FOR WATER PIPE SHALL BE EQUAL TO PHD 155 WITH INSULATION SHIELD.
- 7. TEST WATER PIPING AT A HYDROSTATIC PRESSURE OF 125 PSI AND HOLD FOR TWENTY-FOUR HOURS.
- 8. ALL DOMESTIC COLD WATER, HOT WATER RETURN, & HOT WATER PIPE SMALLER THAN 1-1/2" SHALL BE INSULATED WITH 1" THICK FIBERGLASS PIPE INSULATION WITH ALL SERVICE JACKET. HOT WATER & HOT WATER RETURN PIPE 1-1/2" AND GREATER SHALL SHALL HAVE 1-1/2" THICK FIBERGLASS PIPE INSULATION AS DESCRIBED. HORIZONTAL RAIN LEADER PIPING SHALL HAVE 1/2" THICK FIBERGLASS PIPE INSULATION AS DESCRIBED.
- 9. DOMESTIC WATER SHUT-OFF VALVES SHALL BE WATTS SERIES FBV-4 FOR HOT & COLD WATER PIPE, ACCEPTABLE MANUFACTURES ARE WATTS, NIBCO AND CRANE OR APPROVED EQUAL.
- 10. WATER HAMMER ARRESTOR (WHA) TO BE EQUAL WATTS 15M2 & SHALL BE LOCATED ACCESSIBLE ABOVE A CEILING & OUT OF WALL.
- 11. SANITARY AND VENT PIPE BELOW SLAB SHALL BE SCHEDULE 40 DWV PVC, OR HUB & SPIGOT CAST IRON.
- 12. SANITARY AND VENT PIPE ABOVE SLAB SHALL BE SCHEDULE 40 DWV PVC, DWV COPPER, OR HUBLESS CAST IRON. PVC NOT ALLOWED IN PLENUM.
- 13. TEST DRAINAGE AND VENT PIPING AT TEN FEET OF WATER COLUMN.
- 14. DUAL CHECK SHALL BE EQUAL TO WATTS LF7R.
- 15. PRESSURE REDUCING VALVE (PRV) SHALL BE EQUAL TO WATTS LF25AUB-Z3.
- 16. ANY AND ALL PIPING THAT PENETRATES A FIRE RATED ASSEMBLY SHALL BE PROVIDED WITH MATCHING U.L. LISTED FIRE STOP. REFER TO PRE-FAB FIRE STOPPING DESIGN MANUAL FOR APPROPRIATE DETAIL.
- 17. ANY AND ALL PIPING LOCATED IN AREAS SUBJECT TO FREEZING SHALL BE PROVIDED WITH HEAT TRACE MINIMUM 3W PER FOOT AND COORDINATED WITH ELECTRICAL CONTRACTOR.
- 18. CONTRACTOR SHALL SUBMIT (MINIMUM 3) SETS OF SHOP DRAWINGS AND EQUIPMENT CUT SHEETS TO THE ARCHITECT FOR APPROVAL PRIOR TO STARTING ANY WORK. ANY EQUIPMENT REQUIRING AN ELECTRICAL CONNECTION SHALL FIRST BE REVIEWED AND APPROVED BY THE ELECTRICAL CONTRACTOR VERIFYING THAT THE ELECTRICAL CONTRACTOR HAS COMPARED THE ELECTRICAL REQUIREMENTS OF THE SUBMITTED EQUIPMENT WITH THE PLANS AND HAS MADE ANY REQUIRED ADJUSTMENTS TO THE ELECTRICAL GEAR. ANY SHOP DRAWING THAT IS SUBMITTED WITHOUT THE SIGNATURE APPROVAL OF THE ELECTRICAL CONTRACTOR WILL BE RETURNED WITHOUT COMMENT
- 19. PLUMBING CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL EXISTING WATER, VENT, & SANITARY PIPE PRIOR TO START OF WORK. CONTRACTOR TO NOTIFY ARCHITECT AND ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF SAID WORK.
- 20. THE PLUMBING PLANS ARE INTENDED TO BE DIAGRAMMATIC AND ARE BASED ON ONE MANUFACTURER'S EQUIPMENT. THEY RE NOT INTENDED TO SHOW EVERY ITEM IN ITS EXACT LOCATION, EXACT DIMENSIONS, OR ALL OF THE DETAILS OF THE EQUIPMENT. THE CONTRACTOR SHALL OBTAIN MANUFACTURER'S DATA ON ALL EQUIPMENT TO VERIFY THE ACTUAL DIMENSIONS OF THE EQUIPMENT PROPOSED AND USE THIS DATA TO COORDINATE PROPER SERVICE CHARACTERISTICS, ENTRY LOCATIONS, ETC., AND TO INSURE MINIMUM CLEARANCES ARE MAINTAINED.

	PLUMBI	NG LEGEND
	S	SANITARY LINE
		COLD WATER
		HOT WATER
		VENT PIPE
	GW	GREASE WASTE
	F	FIRE PIPING
١	G	GAS PIPING
	•	BALL VALVE
	۲	FLOOR CLEANOUT
)	FCO	FLOOR CLEANOUT
	VTR	VENT THRU ROOF
	PRV	PRESSURE REDUCING VALVE
	BFP	BACKFLOW PREVENTER
	G	GAS METER
	W	WATER METER
	ē.	PRESSURE GAUGE
)	0	PIPE UP
	С	PIPE DOWN
	•	GAS COCK
)	НВ	HOSE BIBB
	∕	ROOF DRAIN
E T.	∕ ● _{SRD}	SECONDARY ROOF DRAIN
	WHA	WATER HAMMER ARRESTER
		FLOOR DRAIN
		FLOOR SINK
	-+-	NFHB
	20	P-TRAP
	Ų	FDC



SPRINKLER NOTES

- 1. PREMISES SHALL BE EQUIPPED WITH FULLY FUNCTIONAL WET PIPE FIRE PROTECTION SYSTEM PER THE NFPA 13, 101, & ALL LOCAL CODES & AMENDMENTS.
- 2. SPRINKLER HEADS SHALL BE SEMI RECESSED WHERE LAY-IN CEILING OCCURS. HEADS SHALL BE CENTERED - BOTH DIRECTIONS IN TILE. HEADS SHALL BE FULLY RECESSED WITH WHITE POP OFF COVER WHERE OCCURS IN HARD CEILING. HEADS SHALL BE UP-RIGHT PENDANT TYPE WHERE THERE IS NO CEILING.
- 3. PRIOR TO INSTALLATION OF FIRE PROTECTION SYSTEM, THE DESIGN SHALL BE APPROVED, IN WRITING, BY THE TENANT AND THEIR INSURANCE UNDERWRITER.

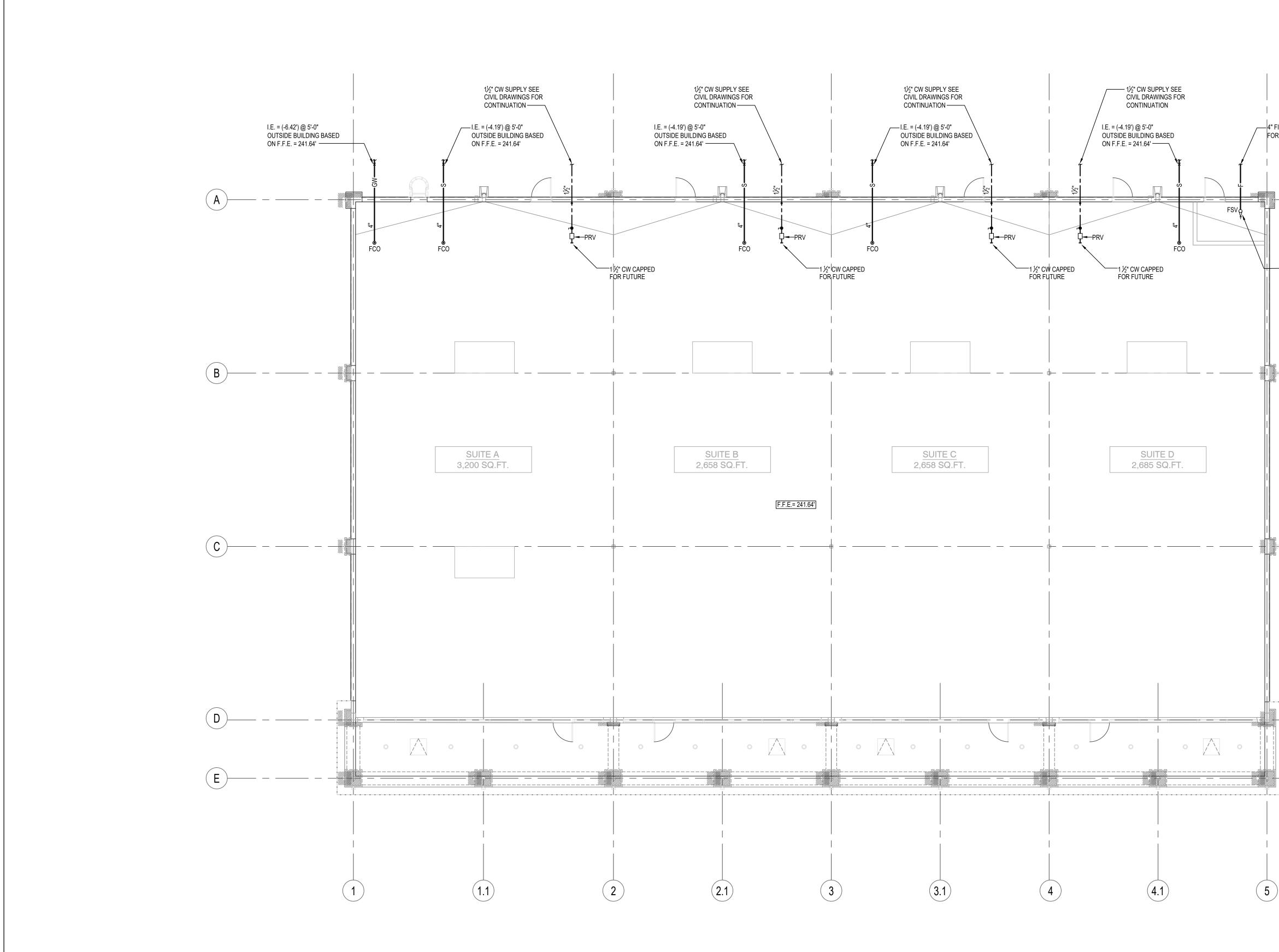
mcgarchitecture.com Seal: A Project for: m CENTEI E BLVI 32536 S Ž V V Щ S  $\geq$ 5 Ш Х STVIEV ST 20 E. CRES Ш Ш  $\mathbf{r}$ ()Client: J WATTS PROPERTIES, INC. 308 W. JAMES LEE BLVD. CRESTVIEW, FL 32536 Revisions: No. Description Date 22.475.10 Project No.: BM Drawn By: RV Reviewed By: AS NOTED Scale: 03/27/24 Date: Sheet Title: NOTES, LEGEND, **DETAIL - PLUMBING** Savant Engineering of Georgia, LLC

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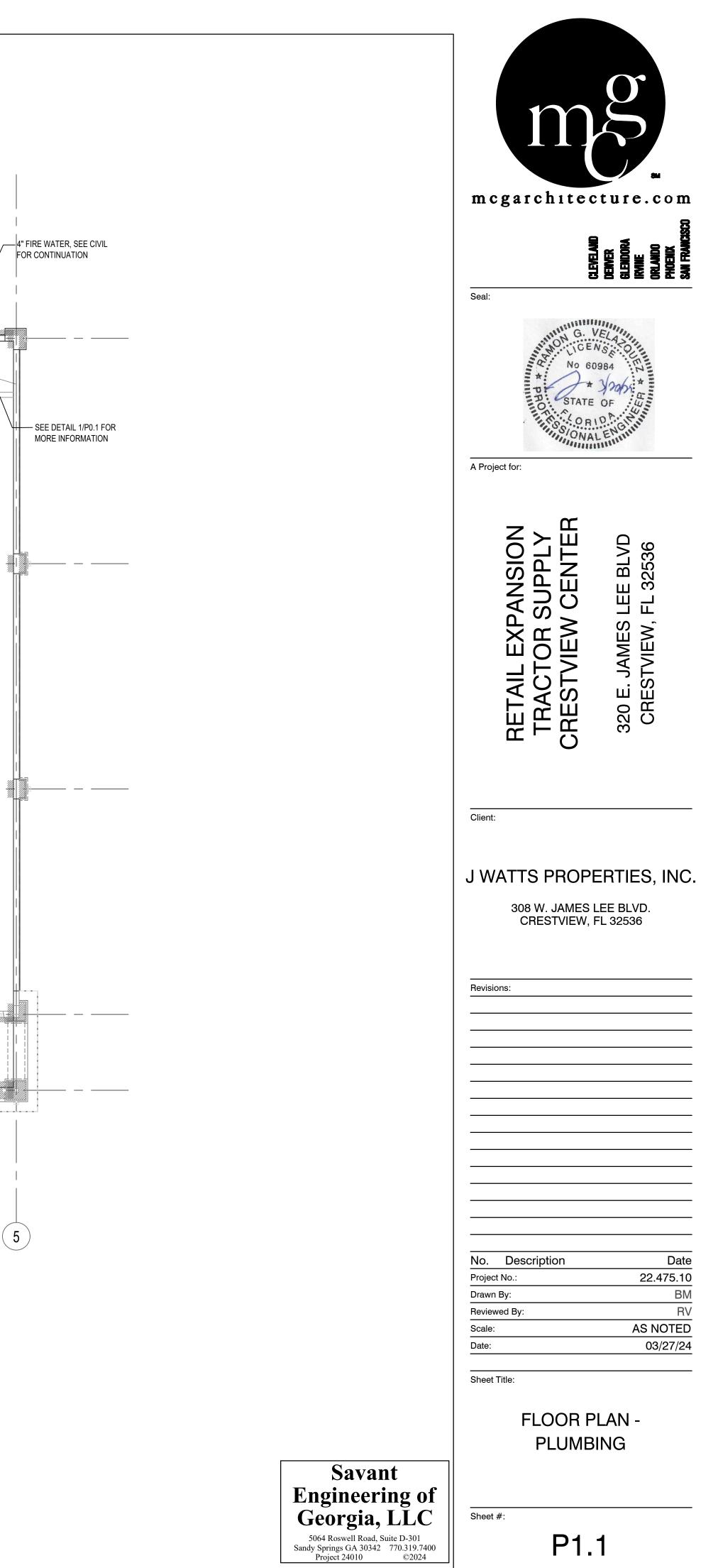
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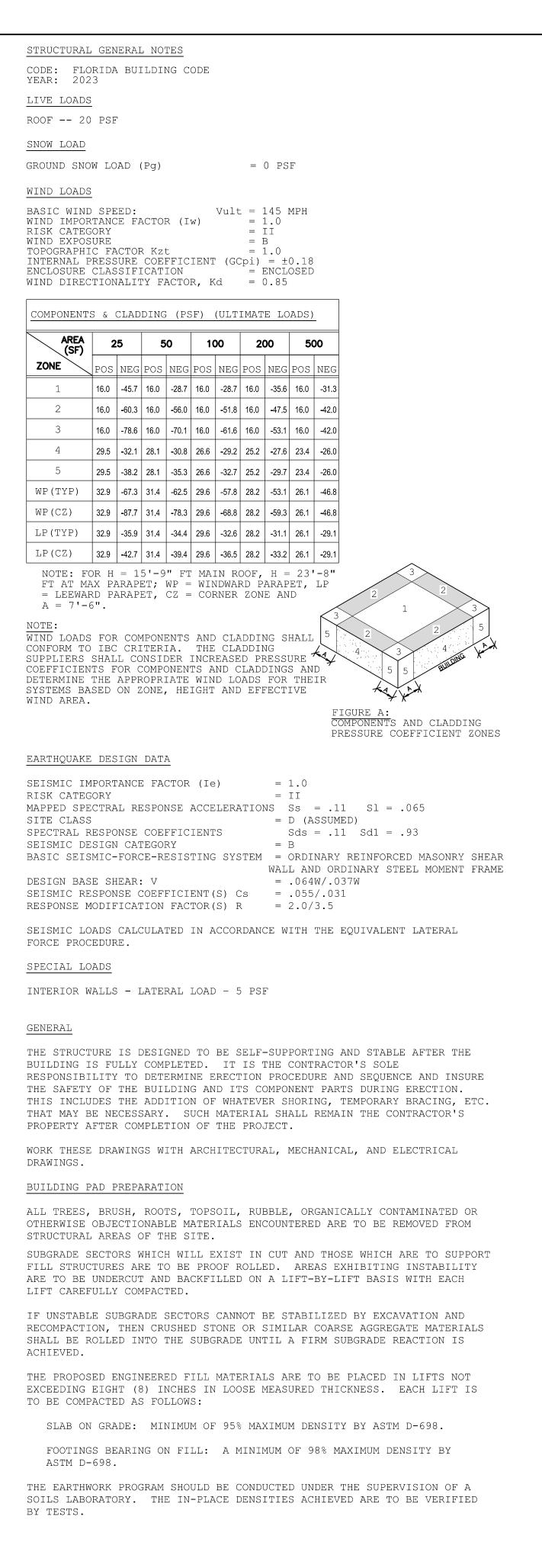
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#### FOUNDATIONS

THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SURVEY AND THE SUB-SURFACE INVESTIGATION REPORT BEFORE STARTING CONSTRUCTION. ALL FOUNDATION WORK SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SOILS REPORT BY NOVA ENGINEERING AND ENVIRONMENTAL, LLC DATED FEBRUARY 23,2024 EXCEPT WHERE NOTED OTHERWISE ON DRAWINGS OR SPECIFICATIONS.

A SOILS TESTING LABORATORY SHALL BE RETAINED BY THE CONTRACTOR TO PROVIDE CONSTRUCTION REVIEW TO INSURE CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS DURING THE EXCAVATION, BACKFILL, AND FOUNDATION PHASES OF THE PROJECT.

THE SOILS TESTING LABORATORY SHALL: DISCUSS WITH THE ENGINEER THE DESIGN INTENT OF THE CONSTRUCTION DOCUMENTS AND THE TESTING PROCEDURES USED TO INSURE CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS BEFORE CONSTRUCTION BEGINS. INFORM THE ENGINEER OF ANY VARIANCE IN THESE PROCEDURES.

IT SHALL BE THE RESPONSIBILITY OF THE SOILS TESTING LABORATORY TO DETERMINE TOPSOIL AND EXCAVATION STRIPPING DEPTH; INSPECT ALL SUBSOIL EXPOSED DURING STRIPPING, SITE GRADING, AND EXCAVATION OPERATIONS; APPROVE FILL MATERIALS, PERFORM DENSITY TESTS OF FILLS TO INSURE PLACEMENT PER SPECIFICATION REQUIREMENTS; INSPECT FOUNDATION BEARING SURFACES.

FOUNDATION DESIGN IS BASED ON 1500 PSF BEARING PRESSURE ON FIRM UNDISTURBED SOIL AS DEFINED IN THE SOILS REPORT. MINIMUM FROST DEPTH SHALL BE 12 INCHES.

STEP FOOTINGS, WHERE REQUIRED, AT A RATIO OF ONE (1) VERTICAL TO TWO (2) HORIZONTAL WITH A MAXIMUM VERTICAL STEP OF 2'-0" UNLESS NOTED OTHERWISE.

INUNDATION AND LONG TERM EXPOSURE OF BEARING SURFACES, WHICH WILL RESULT IN DETERIORATION OF BEARING FORMATIONS, SHALL BE PREVENTED. FOOTINGS SHALL BE PLACED IMMEDIATELY FOLLOWING FOOTING EXCAVATIONS AND BEARING SURFACE INSPECTION.

ALL FILL MATERIALS SHALL BE FREE OF ORGANIC CONTAMINATIONS AND OTHER DELETERIOUS MATTER.

FOR BACKFILL AGAINST FOOTINGS, ETC., PLACE IN 8" THICK LAYERS, WITH EACH LIFT COMPACTED AT NEAR OPTIMUM MOISTURE CONTENT, UNTIL A MINIMUM IN PLACE DENSITY OF 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM TEST PROCEDURE D-1557 IS ACHIEVED.

NOTIFY STRUCTURAL ENGINEER OF ANY UNUSUAL SOIL CONDITIONS THAT ARE IN VARIANCE WITH THE SOILS REPORT.

#### CONCRETE

ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS AS FOLLOWS:

INTERIOR SLAB ON GRADE - 3,000 PSI. (NO SLAG OR FLY ASH PERMITTED) SITE CONCRETE AND CONCRETE EXPOSED TO WEATHER - 4,000 PSI. ALL OTHER CONCRETE INCLUDING FOOTINGS - 3,000 PSI.

REINFORCING BARS SHALL BE NEW BILLET STEEL BARS CONFORMING TO ASTM A-615. GRADE 60 (60,000 PSI YIELD).

NO TACK WELDING OF REINFORCING IN THE FIELD WILL BE PERMITTED.

WELDED WIRE MESH REINFORCING SHALL CONFORM TO ASTM A-185.

ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 301-16, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" UNLESS NOTED OTHERWISE.

ALL DETAILING, FABRICATION AND PLACING OF REINFORCING BARS, UNLESS OTHERWISE NOTED, SHALL CONFORM TO ACI 318-14, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" AND THE LATEST ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES."

PROVIDE DOVETAIL ANCHORS AT 2'-0" O.C. FOR ALL MASONRY FACED WALLS AND PROVIDE AT COLUMNS WHERE WALLS ABUT COLUMNS.

CONCRETE MINIMUM LAP SPLICE, LAP REINF BARS: #5 BARS 36"; #6 BARS 43"

#### MASONRY

ALL MASONRY MATERIALS AND CONSTRUCTION SHALL COMPLY WITH THE RECOMMENDATIONS OF "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-13)" AND "SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530.1-13)," AND MINIMUM REQUIREMENTS ESTABLISHED BY LOCAL BUILDING CODES.

CONCRETE MASONRY UNITS SHALL BE ASTM C90, TYPE I WITH A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI (AVG. NET AREA) AND f'm = 1900 PSI.

TYPE "S" MORTAR WITH A MINIMUM COMPRESSIVE STRENGTH OF 1,800 PSI SHALL BE USED FOR ALL REINFORCED MASONRY WALLS.

GROUT TO FILL CORES SHALL BE ASTM C-476, COARSE GROUT (3/8" MAXIMUM AGGREGATE) WITH A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS.

REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.

ALL MASONRY UNITS SHALL HAVE GALVANIZED HORIZONTAL REINFORCEMENT AS FOLLOWS:

LADDER TYPE, 3/16" SIDE RODS AND #9 GAGE CROSS RODS SPACED 16" O.C. VERTICALLY.

LAP ALL SPLICES 48 BAR DIAMETERS UNLESS SHOWN OTHERWISE ON DRAWINGS. VERTICAL BARS SHALL BE HELD IN POSITION AT 48" MAX WITH VERTICAL BAR

POSITIONERS AT TOP OF BOTTOM COURSE AND BOTTOM OF TOP COURSE AND AT INTERVALS NOT EXCEEDING 200 DIAMETERS OF THE REINFORCING, NOR 10 FEET. BARS SHALL BE IN SECURED PLACE PRIOR TO GROUTING. VERTICAL REINFORCING BARS SHALL HAVE A MINIMUM CLEARANCE OF 3/4 OF AN INCH FROM THE MASONRY AND NOT LESS THAN ONE BAR DIAMETER BETWEEN BARS. ALL CORES WITH REINFORCEMENT SHALL BE FILLED SOLID WITH GROUT. ALL GROUT SHALL BE CONSOLIDATED IN PLACE BY VIBRATION TO INSURE COMPLETE FILLING OF CELLS.

MORTAR PROTRUSIONS, EXTENDING INTO CELLS OR CAVITIES TO BE REINFORCED AND FILLED, SHALL BE REMOVED.

LAY MASONRY UNITS WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. BED WEBS IN MORTAR IN STARTING COURSE ON FOOTINGS AND IN ALL COURSES OF COLUMNS AND PILASTERS, AND WHERE ADJACENT TO CELLS OR CAVITIES TO BE REINFORCED OR FILLED WITH CONCRETE OR GROUT.

GROUT ONE (1) COURSE OF MASONRY SOLID UNDER ALL WALL BEARING SLABS. PROVIDE 16" OF SOLID MASONRY UNDER WALL BEARING BEAMS UNLESS NOTED OTHERWISE.

PROVIDE 8" OF SOLID MASONRY 24" WIDE MINIMUM UNDER WALL BEARING JOISTS.

ALL CORNERS SHALL BE TIED BY MASONRY BOND.

GROUT CORES SOLID A MINIMUM OF ONE COURSE BELOW ANY CHANGE IN WALL THICKNESS.

THE COLLAR JOINT IN MULTI-WYTHE WALLS SHALL BE FULLY GROUTED AS THE WALL IS CONSTRUCTED.

ALL MASONRY WALLS SHALL HAVE VERTICAL CONTROL JOINTS AT APPROXIMATELY 25'-0" O.C.; COORDINATE EXACT LOCATIONS WITH ARCHITECTURAL DRAWINGS.

MASONRY MINIMUM LAP SPLICE, LAP REINF BARS: #5 BARS 45"; #6 BARS 54" STRUCTURAL STEEL

STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A-992 GRADE 50 (Fy = 50 KSI). SQUARE AND RECTANGULAR HOLLOW STRUCTURAL SECTIONS (HSS) SHALL CONFORM TO ASTM A-500 GRADE B ( $F_{y} = 46$  KSI). ROUND HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO ASTM A500 GRADE B (Fy = 42 KSI). STEEL PIPE SHALL CONFORM TO ASTM A-53 GRADE B (Fy = 35 KSI MIN). ANGLES, CHANNELS, PLATES, AND BARS SHALL CONFORM TO ASTM A-36 ( $F_{Y}$  = 36 ksi) as a Minimum UNLESS NOTED OTHERWISE ON THE DRAWINGS.

DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO THE LATEST AISC SPECIFICATIONS.

ALL STRUCTURAL STEEL SHALL BE SHOP PRIMED.

FIELD CONNECTIONS SHALL BE BOLTED, BEARING TYPE UNLESS NOTED OTHERWISE, USING 3/4" HIGH STRENGTH BOLTS CONFORMING TO ASTM A-325. ONE SIDED CONNECTIONS ARE NOT PERMITTED UNLESS DETAILED ON DRAWINGS.

ALL CONNECTIONS TO TUBES AND PIPES SHALL USE THRU PLATES UNLESS NOTED OTHERWISE.

ALL WELDING SHALL BE DONE USING E-70XX ELECTRODES IN ACCORDANCE WITH THE LATEST AWS SPECIFICATIONS.

WORK THESE DRAWINGS WITH ARCHITECTURAL DRAWINGS FOR NAILER HOLES AND ARCHITECTURAL CLEARANCES.

GENERAL CONTRACTOR SHALL VERIFY ALL STRUCTURAL BEAM LOCATIONS, MECHANICAL UNIT WEIGHTS AND OPENING SIZES AND LOCATIONS WITH MECHANICAL CONTRACTOR AND VENDOR'S DRAWINGS FOR ACTUAL MECHANICAL UNIT PURCHASED.

ALL 4 x 4 x 5/16 ANGLES REQUIRED FOR ROOF UNITS AND ROOF OPENINGS OVER 12" x 12" TO BE SUPPLIED BY STRUCTURAL STEEL FABRICATOR AND BE COORDINATED BY GENERAL CONTRACTOR WITH THE JOIST FABRICATOR, MECHANICAL DRAWINGS AND MECHANICAL EQUIPMENT SUPPLIER.

ALL STRUCTURAL STEEL BEAMS AND COLUMNS ADJACENT TO MASONRY SHALL HAVE ADJUSTABLE MASONRY ANCHORS AT 2'-8" C/C.

MISCELLANEOUS STEEL LINTEL SCHEDULE

FOR WALLS 12" OR THICKER

FOR OPENINGS UP TO 4'-0" USE 3-1/2 x 3-1/2 x 5/16 ANGLE. FOR OPENINGS FROM 4'-0" TO 5'-0" USE 4 x 3-1/2 x 5/16 LLV. FOR OPENINGS FROM 5'-0" TO 6'-0" USE 5 x 3-1/2 x 5/16 LLV. FOR OPENINGS FROM 6'-0" TO 7'-0" USE 6 x 3-1/2 x 5/16 LLV. USE ONE ANGLE FOR EACH 4" WYTHE OF MASONRY.

ALL LINTELS SHALL HAVE A BEARING AT EACH END OF 1 INCH PER FOOT OF OPENING WITH A MINIMUM OF 6".

ALL LINTELS SHALL BEAR ON 16" SOLID MASONRY EXTENDING 16" BEYOND END OF LINTEL.

ALL EXTERIOR LINTELS AND EXPOSED EXTERIOR BOTTOM LINTEL PLATES SHALL BE GALVANIZED; LINTELS SHALL BE GALVANIZED AFTER FABRICATION.

STEEL JOISTS AND JOIST GIRDERS

STEEL JOIST DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE LATEST SPECIFICATIONS AND CODE OF STANDARD PRACTICE OF THE STEEL JOIST INSTITUTE OR AS SHOWN ON THE DRAWINGS. ALL JOIST GIRDERS TO CONFORM TO LATEST EDITION OF AISC AND SJI SPECIFICATIONS. JOIST GIRDER SUPPLIER SHALL SUPPLY A COPY OF ALL GIRDER CALCULATIONS AND SECTION PROPERTIES WITH SHOP DRAWINGS.

ALL STEEL JOIST AND JOIST GIRDERS SHALL RECEIVE ONE STANDARD SHOP COAT OF RED OXIDE PAINT UNLESS SHOWN OTHERWISE ON DRAWINGS OR SPECIFICATIONS. ASPHALTIC PAINTS ARE NOT ACCEPTABLE.

ALL STEEL JOIST AND JOIST GIRDERS SHALL BE DESIGNED TO RESIST UPLIFT FORCES SHOWN ABOVE.

ALL OPEN WEB JOIST GIRDERS TO HAVE BOTTOM CHORD BRACES AS REQUIRED BY DESIGN AND ERECTION. BRACES TO BE FURNISHED BY THE JOIST GIRDER SUPPLIER.

BUTT WELDED SPLICE OF THE BOTTOM CHORD SHALL NOT BE PERFORMED IN MIDDLE 50% OF SPAN WITHOUT SPLICE PLATES.

ENDS OF EVERY JOIST WHICH RESTS ON STEEL SUPPORTS SHALL BE WELDED PER SJI REQUIREMENTS.

GENERAL CONTRACTOR SHALL VERIFY ALL STRUCTURAL STEEL JOIST LOCATIONS, MECHANICAL UNIT WEIGHTS AND OPENING SIZES AND LOCATIONS WITH MECHANICAL CONTRACTOR AND VENDOR'S DRAWINGS FOR ACTUAL MECHANICAL UNITS PURCHASED.

NO LIGHT GAGE FRAMING, MECHANICAL, ELECTRICAL, OR OTHER EQUIPMENT SHALL BE SUSPENDED FROM OR ATTACHED TO ANY INTERIOR BRIDGING.

## METAL ROOF DECKING

ALL METAL ROOF DECKING SHALL COMPLY WITH THE PROVISIONS OF THE "STEEL ROOF DECK DESIGN MANUAL" AND FACTORY MUTUAL REQUIREMENTS.

DECK AND ACCESSORIES SHALL BE CLEANED AND GIVEN A PHOSPHATE TREATMENT AND A SHOP PRIME COAT OF RUST INHIBITIVE PAINT.

CONNECTIONS TO STEEL SUPPORTS SHALL BE FUSION TYPE WELDS PERFORMED BY COMPETENT WELDERS WHO HAVE QUALIFIED BY TESTS AS PRESCRIBED BY THE AMERICAN WELDING SOCIETY TO PERFORM THE TYPE OF WORK REQUIRED. ROOF DECK SHALL BE PLUG WELDED (5/8" DIAMETER MINIMUM) TO THE SUPPORTS AS SHOWN ON ROOF ATTACHMENT LEGEND. THE FIRST AND LAST RIBS OF EACH SHEET MUST BE WELDED TO ALL SUPPORTS. END WELDS AND THOSE OCCURRING AT LAPS SHALL BE WELDED THROUGH ALL THICKNESSES. SIDE JOINTS SHALL BE MECHANICALLY FASTENED PER ROOF ATTACHMENT LEGEND.

NO LIGHT GAGE FRAMING, MECHANICAL, ELECTRICAL OR OTHER EQUIPMENT SHALL BE SUSPENDED FROM OR ATTACHED TO ANY METAL DECK.

## LIGHT GAGE FRAMING

DESIGN OF METAL STUD FRAMING IS BASED ON CSJ TYPE STUDS WITH SSMA MINIMUM SECTION PROPERTIES AND ALLOWABLE RESISTING MOMENT CAPACITY. ALTERNATE MANUFACTURER'S FRAMING SIZE SHALL MEET THE MINIMUM SECTION PROPERTIES AND ALLOWABLE RESISTING MOMENT CAPACITY OF THE MEMBERS INDICATED ON THE DESIGN DRAWINGS.

ALL LIGHT GAGE FRAMING SHALL BE DESIGNED IN ACCORDANCE WITH THE AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS," AISI S100 MOST CURRENT EDITION WITH MOST CURRENT SUPPLEMENTS.

ALL FRAMING MEMBERS SHALL BE FORMED FROM STEEL WITH A MINIMUM YIELD STRENGTH OF 33 KSI OR 50 KSI.

ALL CONNECTIONS SHALL BE SCREWED (UNO). POWDER DRIVEN FASTENERS (.157" DIAMETER) ARE ACCEPTABLE BUT ONLY FOR STRUCTURAL APPLICATIONS TO STRUCTURAL STEEL.

ALL GALVANIZED STUDS, JOISTS AND ACCESSORIES SHALL HAVE A MINIMUM G-60 COATING PER ASTM A924.

SHOP DRAWINGS SHALL BE DOCUMENTS ILLUSTRATING MATERIALS, SHOP COATINGS, STEEL THICKNESS, DETAILS OF FABRICATION, DETAILS OF ATTACHMENT TO ADJOINING WORK, SIZE, LOCATION AND SPACING OF FASTENERS FOR ATTACHING FRAMING TO ITSELF, DETAILS OF ATTACHMENT.

PROVIDE ALL ACCESSORIES INCLUDING, BUT NOT LIMITED TO, TRACKS, CLIPS, WEB STIFFENERS, ANCHORS, FASTENING DEVICES, RESILIENT CLIPS, AND OTHER ACCESSORIES REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, AND AS RECOMMENDED BY THE MANUFACTURER FOR THE STEEL MEMBERS USED.

FASTENING OF COMPONENTS SHALL BE WITH SELF-DRILLING SCREWS (#10 MINIMUM). SCREWS SHALL BE OF SUFFICIENT SIZE TO INSURE THE STRENGTH OF THE CONNECTION.

ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS OR AS REQUIRED FOR AN ANGULAR FIT AGAINST ABUTTING MEMBER. MECHANICAL CUTTING ONLY. THERMAL CUTTING SHALL NOT BE PERMITTED.

STUDS SHALL BE PLUMBED, ALIGNED AND SECURELY ATTACHED TO FLANGES OF BOTH UPPER AND LOWER RUNNERS.

JOISTS SHALL BE LOCATED DIRECTLY OVER BEARING STUDS OR A LOAD DISTRIBUTION MEMBER SHALL BE PROVIDED AT THE TOP OF THE BEARING WALL.

WEB STIFFENERS SHALL BE PROVIDED AT REACTION POINTS AND/OR POINTS OF CONCENTRATED LOADS WHERE INDICATED ON THE DRAWINGS.

JOIST BRIDGING SHALL BE PROVIDED WHERE INDICATED ON THE DRAWINGS (4'-0'')MAXIMUM SPACING).

SPLICES IN AXIAL LOAD BEARING MEMBERS OTHER THAN RUNNER TRACK ON BASE FLOOR BEARING SHALL NOT BE PERMITTED.

DIAGONALLY BRACED STUD WALLS OR SPECIALLY INDICATED GYPSUM SHEATHED WALLS, AS INDICATED ON THE DRAWINGS, SHALL BE PROVIDED AT LOCATIONS DESIGNATED AS "SHEAR WALLS" FOR FRAME STABILITY AND LATERAL LOAD RESISTANCE.

PROVISIONS FOR STRUCTURE VERTICAL MOVEMENT SHALL BE PROVIDED WHERE INDICATAED ON THE DRAWINGS AT ROOF LEVEL.

COMPLETE, UNIFORM AND LEVEL BEARING SUPPORT SHALL BE PROVIDED FOR THE BOTTOM RUNNER. RUNNERS SHOULD BE SECURELY ANCHORED TO THE SUPPORTING STRUCTURE AS SHOWN ON THE DRAWINGS.

END BLOCKING SHALL BE PROVIDED WHERE JOIST ENDS ARE NOT OTHERWISE RESTRAINED FROM ROTATION.

JACK STUDS OR CRIPPLES SHALL BE INSTALLED BELOW DOOR HEADS AND ELSEWHERE TO FURNISH SUPPORTS.

MINIMUM EXTERIOR SHEATHING ATTACHMENT TO EXTERIOR LIGHT GAGE FRAMING SHALL BE AS FOLLOWS (UNLESS MORE STRINGENT NOA REQUIREMENTS ARE REQUIRED)

5/8" EXTERIOR GRADE PRESERVATED-TREATED PLYWOOD SHEATHING: #8 SELF-DRILLING TAPPING SCREWS @ 4" C/C ALONG VERTICAL STUDS & 8" C/C ALONG HORIZONTAL TRACKS. 5/8" EXTERIOR GRADE GLASS-MAT SHEATHING:

#6 SELF-DRILLING SCREW WITH BUGLE HEAD x 1 1/4" MINIMUM LENGTH @ 4" C/C ALONG VERTICAL STUDS & 8" C/C ALONG HORIZONTAL TRACKS.

MINIMUM WOOD BLOCKING ANCHORAGE TO TOP TRACK OF LIGHTGAGE WALL FRAMING SHALL CONSIST OF 2-#14 SELF DRILLING SCREWS WITH FLAT HEAD FOR COUNTER-SINKING + WINGS FOR WOOD REAMING @ 16" C/C. ALL STEEL STUDS ARE IDENTIFIED BY THE STEEL STUD ASSOCIATION NOMENCLATURE AS FOLLOWS:



TYPE ( T = TRF = FUU = "

1. DRAWINGS AND CALCULATIONS FOR DEFERRED SUBMITTALS SHALL BE STAMPED BY AN ENGINEER REGISTERED IN THE STATE WHERE THE STRUCTURE IS LOCATED AND SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO SUBMISSION TO THE BUILDING DEPARTMENT FOR REVIEW. DEFERRED SUBMITTALS SHALL INCLUDE THE FOLLOWING STRUCTURAL COMPONENTS: - PREFABRICATED STEEL JOISTS AND JOIST GIRDERS - LIGHT GAUGE METAL FRAMING

CONTRACTOR SHALL SUBMIT FABRICATION AND ERECTION DRAWINGS AND CALCULATIONS TO THE ENGINEER OF RECORD FOR REVIEW OF ALL FRAMING CONDITIONS, CONNECTIONS AND LAYOUTS. DRAWINGS AND CALCULATIONS SHALL BEAR THE STAMP OF AN ENGINEER REGISTERED IN THE STATE WHERE THE STRUCTURE IS LOCATED.

ALL FRAMING SHALL BE GALVANIZED.

PRIOR TO FABRICATION OF FRAMING, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT OR ENGINEER TO OBTAIN APPROVAL.

LATERAL BRACING SHALL BE PROVIDED BY USE OF GYPSUM BOARD AND CEMENT BONDED PARTICLE BOARD OR BY HORIZONTAL STRAPS OR COLD-ROLLED CHANNELS. BRACING SHALL CONFORM TO THE AISI SPECIFICATION.

R DEPTH TO TWO AL PLACES WITHOUT F DECIMAL POINT 600x1/100=6")	- FLANGE WIDTH TO TWO DECIMAL PLACES WITHOUT USE OF DECIMAL POINT (EX. 162x1/100=1.62")
EXAMPLE: 600S162	-54
DF MEMBER C" MEMBER [ RACK JRRING CHANNEL J" CHANNEL	MINIMUM METAL THICKNESS <u>MILS GAUGE</u> 33 20GA 43 18GA 54 16GA 68 14GA 97 12GA

STEEL STUD/JOIST NOMENCLATURE

DEFERRED STRUCTURAL SUBMITTALS

(FV) FIELD VERIFY NOTE: ALL DIMENSIONS OF EXISTING STRUCTURE ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO

E) EXISTING

N) NEW

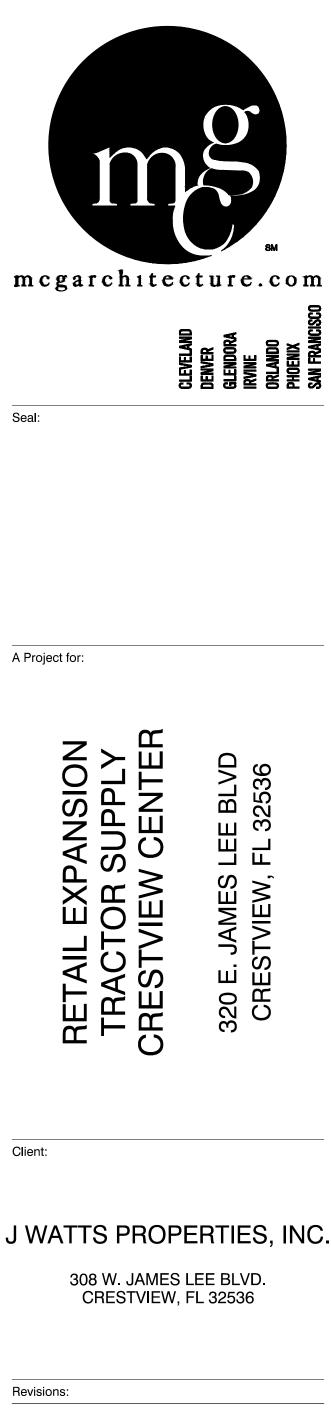
NOTE:

FABRICATION.

SCALES INDICATED ARE BASED ON FULL SIZE 24"x36" DRAWING DIMENSIONS SHALL NOT BE DETERMINED BY COMPUTER SCALING OF DRAWINGS.



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Date 22.475.10 S.A.I. S.A.I. AS NOTED 03/27/24 23144 S0.01

# GENERAL NOTES

Sheet #:

#### GENERAL NOTES CONTINUED:

#### SPECIAL INSPECTIONS

THE OWNER SHALL EMPLOY A REGISTERED ENGINEER OR TEST AGENCY WITH EXPERIENCED TECHNICIANS UNDER THE DIRECT SUPERVISION OF A REGISTERED ENGINEER TO PERFORM THE DUTIES OF THE SPECIAL INSPECTOR. THE SPECIAL INSPECTOR SHALL MEET THE QUALIFICATIONS AS STATED IN THE BUILDING CODE.

DUTIES AND RESPONSIBILITIES OF THE INSPECTOR:

THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS, AND THE FOLLOWING TABLE.

THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE ENGINEER OR ARCHITECT OF RECORD AND OTHER DESIGNATED PERSONS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF UNCORRECTED, TO THE PROPER DESIGN AUTHORITY AND TO THE BUILDING OFFICIAL.

THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CURRENT BUILDING CODE. REPORTS SHALL COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE CHAPTER 17.

02

The areas marked below shall have special	Continue	Dovied	Demail
nspections <ul> <li>Inspection of Fabricators (1704.2.5)</li> </ul>	Continuous	Periodic	Remarks
□ Other			
X Steel Construction (1705.2) □ Materials			
□ Materials X Welding			
□ Steel frame details			
<ul> <li>High-strength bolts</li> <li>Structural steel (1705.2.1)</li> </ul>			PER AISC 3
□ Cold-formed steel deck (1705.2.2)			PER SDI QA/
<ul> <li>□ Open-web steel joists &amp; joist girders (1705.2.3)</li> <li>□ Cold-Formed Trusses, L≥60'-0" (1705.2.4)</li> </ul>			TABLE 1705.
□ Other			
<ul> <li>Concrete Construction (Table 1705.3)</li> <li>Reinforcing steel</li> </ul>		×	
Conc Placement		~	
<ul> <li>Design Mix Verification</li> <li>Sampling &amp; Strength tests</li> </ul>			
□ Bolts in concrete			
X Other: Adhesive & expansion anchors		×	1704.13
X Masonry Construction (1705.4)			PER TMS 40
Essential facility glass units &			
veneer Level 1			
Essential facility Level 2			
Other     Wood Construction (1705.5)			
□ High Load diaphragms (1705.5.1)			
Metal-plate-connected wood trusses			
□ Other X Soils (Table 1705.6)			
□ Site preparation			
<ul> <li>□ In-place density</li> <li>□ Fill placement</li> </ul>			
<ul> <li>Other: Allowable bearing capacity 1500 PSF</li> </ul>			
□ Deep Foundation Elements (Table 1705.7 + 1705.8)			
□ Other □ Wind Resistance (1705.11)			
Required if: 1. Exp = B & Vasd>120 mph or 2. Exp > B & Vasd>110 mph or			
Structural Wood (1705.11.1)			
□ Cold-formed steel light-frame construction			
<ul> <li>Wind-resisting components (1705.11.3)</li> <li>Other</li> </ul>			
Seismic Design Category			
□ Seismic-Force-Resisting Systems (1705.12)			
<ul> <li>Structural Steel (1705.12.1)</li> <li>Structural Wood (1705.12.2)</li> </ul>			
□ Cold-Formed Steel Framing (1705.12.3)			
<ul> <li>Designated Seismic System (1705.12.4)</li> <li>Other</li> </ul>			
Architectural Components (1705.12.5)			
<ul> <li>Exterior wall panels</li> <li>Veneer (&lt;5 psf)</li> </ul>			
Suspended ceilings			
<ul> <li>□ Access floors</li> <li>□ Storage racks (&lt;8ft)</li> </ul>			
□ Other			
MEP Components (1705.12.6)     Emergency electrical			
<ul> <li>Emergency electrical</li> <li>Hazardous piping</li> </ul>			
□ Hazardous ductwork			
<ul> <li>Vibration isolation systems</li> <li>Other</li> </ul>			
□ Storage racks (1705.12.7)			
□ Seismically isolated systems (1705.12.8)			
□ Spray fire-resistant materials (1705.14)			
□ Other □ Fire-resistant coatings (1705.15)			
□ Other			
□ Exterior insulation & finish [EIFS] (1705.16)			
□ Other □ Fire-Resistant Penetrations and joints (1705.17)			
□ Other			
□ Smoke Control (1705.18)			
Other     Special Cases			
□ Special Cases □ Other			
<ul> <li>Designated Seismic Systems</li> </ul>			
<ul> <li>☐ Importance factor &gt;1</li> <li>☐ Architectural</li> </ul>			
Architectural     Mechanical			
Electrical			
<ul> <li>Other</li> <li>Structural Observation</li> </ul>			
XX No			

Remarks	
ER AISC 360 R SDI QA/QC BLE 1705.2.3	
1704.13	
ER TMS 402 & TMS 602	

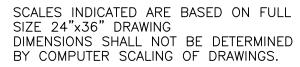
7 5	
AB AFF	
AISC	
ARCH	
ARCH'L BLDG	
BLK	
BM BOT	
BRG BTJ	
CANT'L CIP	
CJ CL	
CLR	
CMU COL CONN	
CONC	
CONSTR CONT	
COORD DET	
DIA DJ	
DK DWG	
DWLS	
EA EF	
EXP.JT EJ	
EL/ELEV E.O.S.	
ES	
EQ EW	
(E) FB	
F/CONC FDN	
FIN FLG	
FLR	
FRT FS	
FTG GA	
GB GC	
GALV HORIZ	
IF	
J/B JST	
JG LLH	
LLV LSV	
LW LT.GA	
MAS MAX	
MC	
MECH. MFR	
MIN. MTL	
(N) NA	
N.S. NTS	
OC OF	
OPP	
PC PL	
PLCS PROJ	
PSF R	
REINF REQ'D	
RET.	
SECT SHT	
SIM	
SOG SPA	
SPA STIFF STL	
W	
T&B THK	
T/,TO T/S	
TYP	
UNO VERT	
W/ WF	
WP	

ANCHOR BOLTS
ABOVE FINISH FLOOR AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ARCHITECT OR ARCHITECTURAL DRAWINGS ARCHITECTURAL
BUILDING BLOCK BEAM
BOTTOM BEARING BOLTED TIE JOIST
CANTILEVER CAST-IN-PLACE CONTROL JOINT
CENTERLINE CLEAR CONCRETE MASONRY UNIT
COLUMN CONNECTION
CONCRETE CONSTRUCTION CONTINUOUS
COORDINATE DETAIL DIAMETER, Ø
DOUBLE JOIST DECK DRAWING
DOWELS EACH EACH FACE
EXPANSION JOINT EXPANSION JOINT
ELEVATION EDGE OF SLAB EACH SIDE
EQUAL EACH WAY EXISTING
FACE OF BUILDING FACE OF CONCRETE FOUNDATION
FINISH FLANGE FLOOR
FIRE-RETARDANT TREATED FAR SIDE OR FOOTING STEP FOOTING
GAGE OR GAUGE GRADE BEAM
GENERAL CONTRACTOR GALVANIZED HORIZONTAL
INSIDE FACE JOIST BEARING JOIST
JOIST GIRDER LONG LEG HORIZONTAL LONG LEG VERTICAL
LONG SIDE VERTICAL LONG WAY LIGHT GAGE
MASONRY MAXIMUM MOMENT CONNECTION
MECHANICAL MANUFACTURER MINIMUM
METAL NEW
NOT APPLICABLE NEAR SIDE NOT TO SCALE
ON CENTER OUTSIDE FACE OPPOSITE
PRECAST CONCRETE PLATE PLACES
PROJECTION POUNDS PER SQUARE FOOT RADIUS
REINFORCEMENT REQUIRED RETAINING
SECTION SHEET SIMILAR TO DETAIL;
BUT NOT EXACTLY THE SAME. INTENT OF DETAIL IS THE SAME.
SLAB ON GRADE SPACE
STIFFENED OR STIFFENER STEEL SHORT WAY
TOP & BOTTOM THICK TOP OF
TOP OF STEEL TYPICAL UNLESS NOTED OTHERWISE
VERTICAL WITH
WIDE FLANGE WORK POINT WELDED WIRE FABRIC
(E) EXISTII (N) NEW



NOTE: ALL DIMENSIONS OF EXISTING STRUCTURE ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION.

NOTE:





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mcgarchitecture.com Seal: A Project for: RETAIL EXPANSION TRACTOR SUPPLY CRESTVIEW CENTER Ω LEE BLVD FL 32536 320 E. JAMES I CRESTVIEW, F  $\mathbf{O}$ Client: J WATTS PROPERTIES, INC.

308 W. JAMES LEE BLVD. CRESTVIEW, FL 32536

Revisions:

No. Description Project No.: Drawn By: Reviewed By: Scale: Date: Filename:

Date 22.475.10 S.A.I. S.A.I. AS NOTED 03/27/24 23144_S0.02

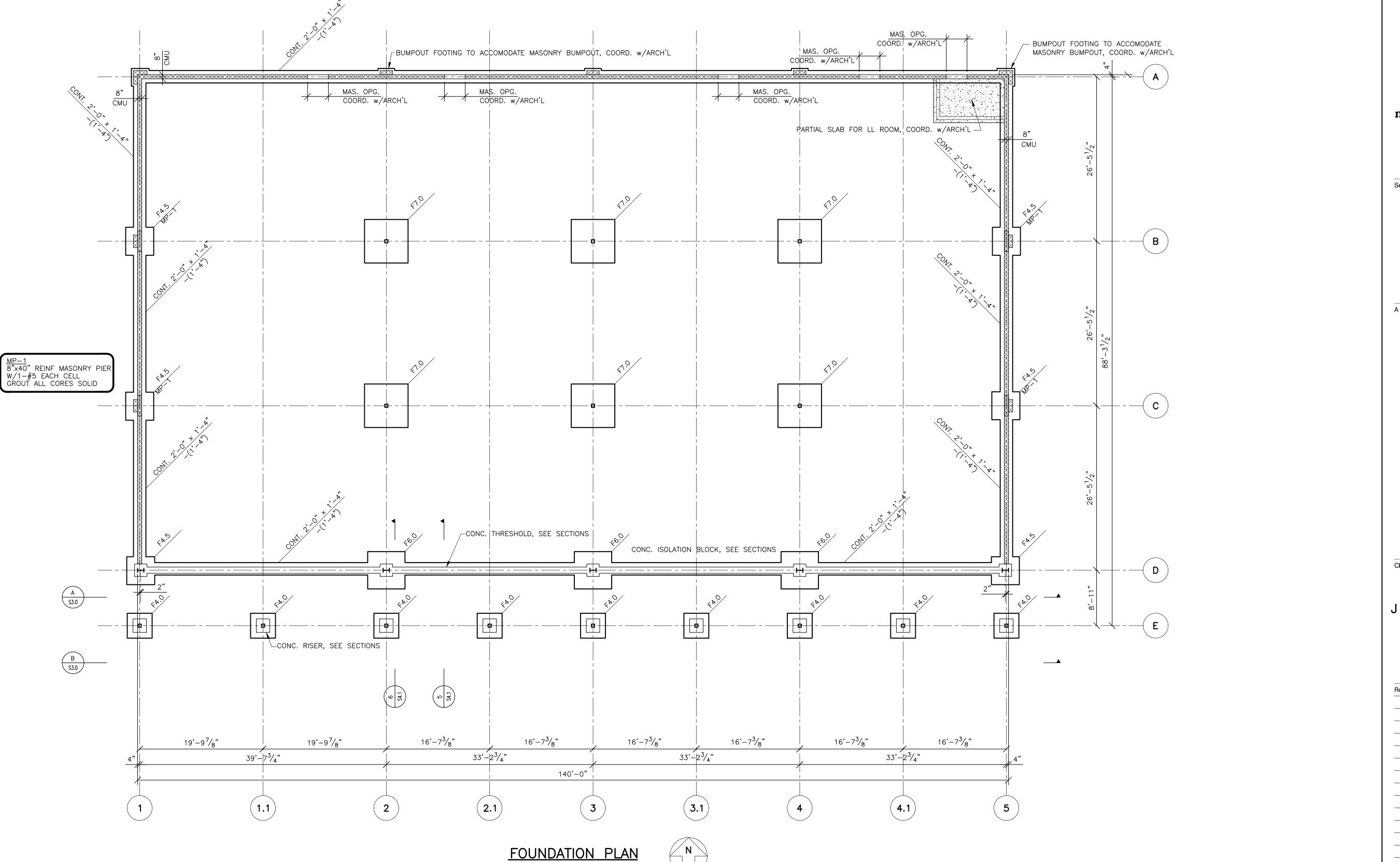
# GENERAL NOTES

Sheet #:

Sheet Title:

- 9. GROUT SOLID ALL CELLS WITH REINFORCEMENT. 10. ALL BOND BEAM REINFORCEMENT LAP SPLICES = 5'-4'' LAP. ADJACENT BAR SPLICES SHALL BE OFFSET BY 16" MIN.
- GRADE, WHICHEVER IS HIGHER.
- 8. GROUT SOLID ALL CELLS BELOW GRADE AND A MINIMUM OF 16" ABOVE FINISH FLOOR OR EXTERIOR
- 7. GROUT SOLID ALL CELLS ABOVE ROOF DECK
- 6.2. 16" DEEP, DECK ELEVATION 6.3. 8" DEEP, TOP OF PARAPET 6.4. 8" DEEP, B/BM, 7'-4", REAR WALL
- 6.1. 8" DEEP, JOIST BEARING
- 6. FULL LENGTH BOND BEAM w/2-#5 EACH COURSE AS BELOW
- 5. MASONRY PIERS TO HAVE 1-#5 BAR IN EACH CELL FOR FULL HEIGHT AND BE FULLY GROUTED.
- 4. BOND BEAMS TO HAVE 2-#5 BARS FULL LENGTH AND BE FULLY GROUTED
- 3. WALL SECTIONS AT LEAST 2'-0" BUT LESS THAN 4'-0" IN LENGTH TO HAVE A MINIMUM OF 2 REINFORCED CELLS
- 2. WALL SECTIONS 4'-0" TO TO 8'-0" IN LENGTH TO HAVE A MINIMUM OF 3 REINFORCED CELLS
- 1. ALL WALLS TO BE 8" CMU WITH #5 BARS AT 32" O.C. U.N.O. SEE SECT 1/S101

MASONRY NOTES:



FULL LENGTH. - PROVIDE 2 - #4 X 3'-0" LONG AT ALL RE-ENTRANT

 CONTINUOUS FOOTINGS ARE MARKED THUS <u>WIDTH X DEPTH</u> (TOP OF FOOTING) ALL CONTINUOUS FOOTINGS SHALL HAVE 3-#5 CONTINUOUS

- TOP OF INTERIOR FOOTINGS = (-0'-8'')(UNO). - TOP OF EXTERIOR FOOTINGS = (-1'-4'')(UNO).

# ELEVATIONS NOTED THUS (±0'-0") ARE TO TOP OF FOOTING REFERENCED FROM SLAB ON GRADE ELEVATION (UNO).

- INTERIOR SLAB BY TENANT. PROVIDE 5'-0" OF VAPOR BARRIER AT PERIMETER FOUNDATIONS TO LAP WITH FUTURE VAPOR BARRIER.

– FLOOR CONSTRUCTION: 4" CONCRETE SLAB ON GRADE WITH ONE LAYER OF 6x6 - W1.4 x W1.4 W.W.F. PROVIDE 10 MIL VAPOR BARRIER BELOW SLAB OVER 4" LAYER OF GRANULAR FILL. COORDINATE EXTENTS OF SLAB w/ARCH'L

<u>NOTES</u>:

CORNERS.

TOP OF SLAB ELEVATION = 0'-0'' = 7.50'.

SEE ARCHITECTURAL DRAWINGS FOR EXTENT AND FINISH OF SLAB ON GRADE AND ANY FLOOR LEAVE OUTS.

- SEE ARCHITECTURAL DRAWINGS FOR EXACT MASONRY CONTROL JOINT (C.J.) LOCATIONS WALL FOOTING REINFORCING SHALL BE CONTINUOUS _ THROUGH COLUMN FOOTINGS.

– SEE SHEET S1.1 FOR TYPICAL DETAILS. – SEE SHEET SO.1 FOR GENERAL NOTES.

# 1/8"=1'-0"

—



COLUMN FOOTING SCHEDULE			
MARK	FOOTING SIZE	REINFORCING	
	LENGTH × WIDTH × DEPTH	REINFORGING	
F4.0	4'-0"x4'-0"x1'-6"	4 — #5 E.W. BOTT.	
F4.5	4'-6"x4'-6"x1'-6"	5 – #5 E.W. BOTT.	
F6.0	6'-0"x6'-0"x1'-6"	6 — #5 E.W. BOTT.	
F7.0	7'-0"x7'-0"x1'-6"	7 – #5 E.W. BOTT.	

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Seal:	CI EVELAND	Denver Glendora Irvine Orlando Phoenix
A Proj	ject for:	
	RETAIL EXPANSION TRACTOR SUPPLY CRESTVIEW CENTER	320 E. JAMES LEE BLVD CRESTVIEW, FL 32536
	RETAIL TRACT CRESTV	320 E. JA CRESTV
Client		
	:	ERTIES, IN
	ATTS PROPE 308 W. JAMES I CRESTVIEW, I	ERTIES, IN
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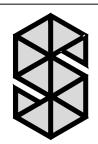
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(E) EXISTING (N) NEW (FV) FIELD VERIF

NOTE: ALL DIMENSIONS OF EXISTING STRUCTURE ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION.

## NOTE:

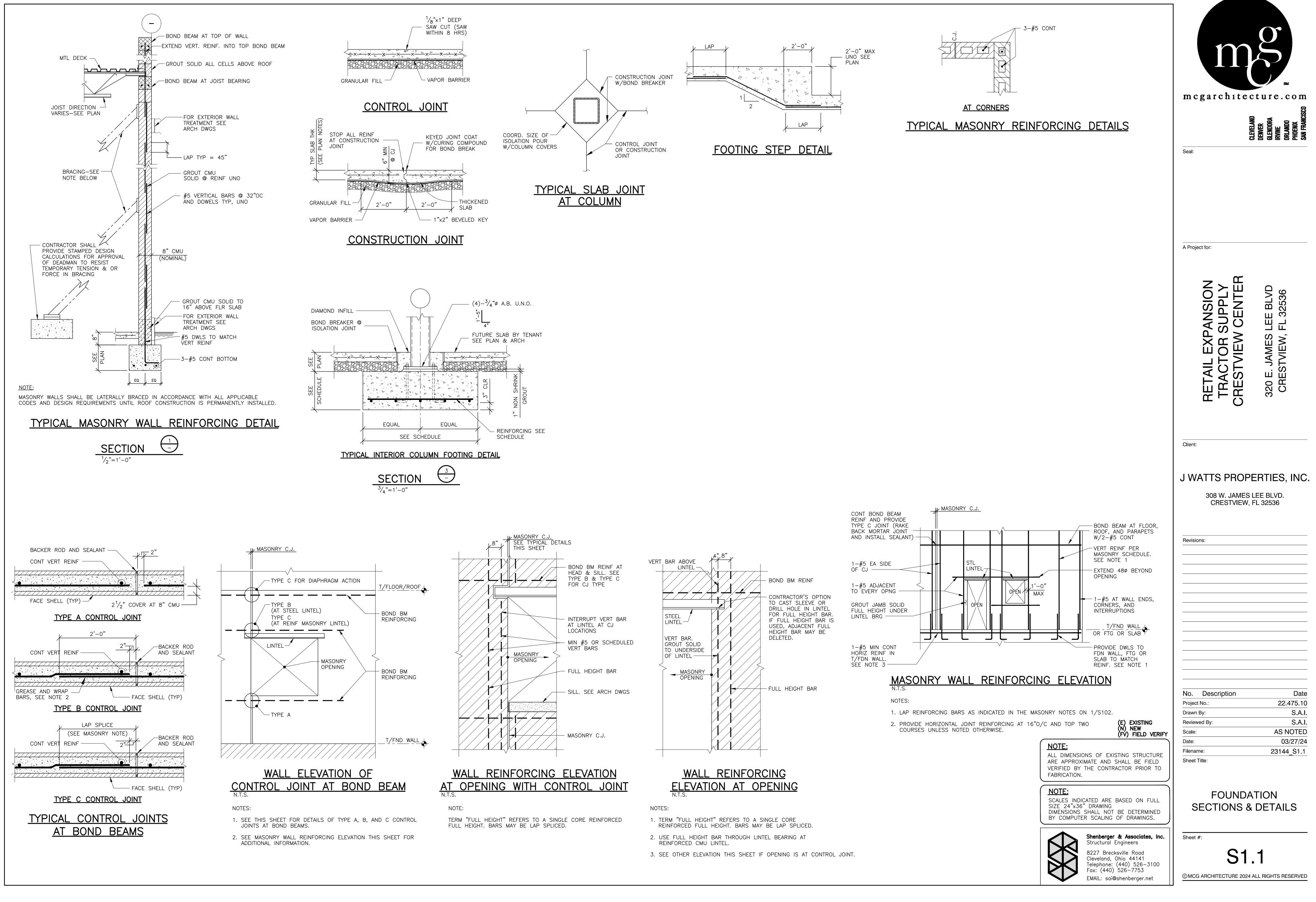
SCALES INDICATED ARE BASED ON FULL SIZE 24"x36" DRAWING DIMENSIONS SHALL NOT BE DETERMINED BY COMPUTER SCALING OF DRAWINGS.

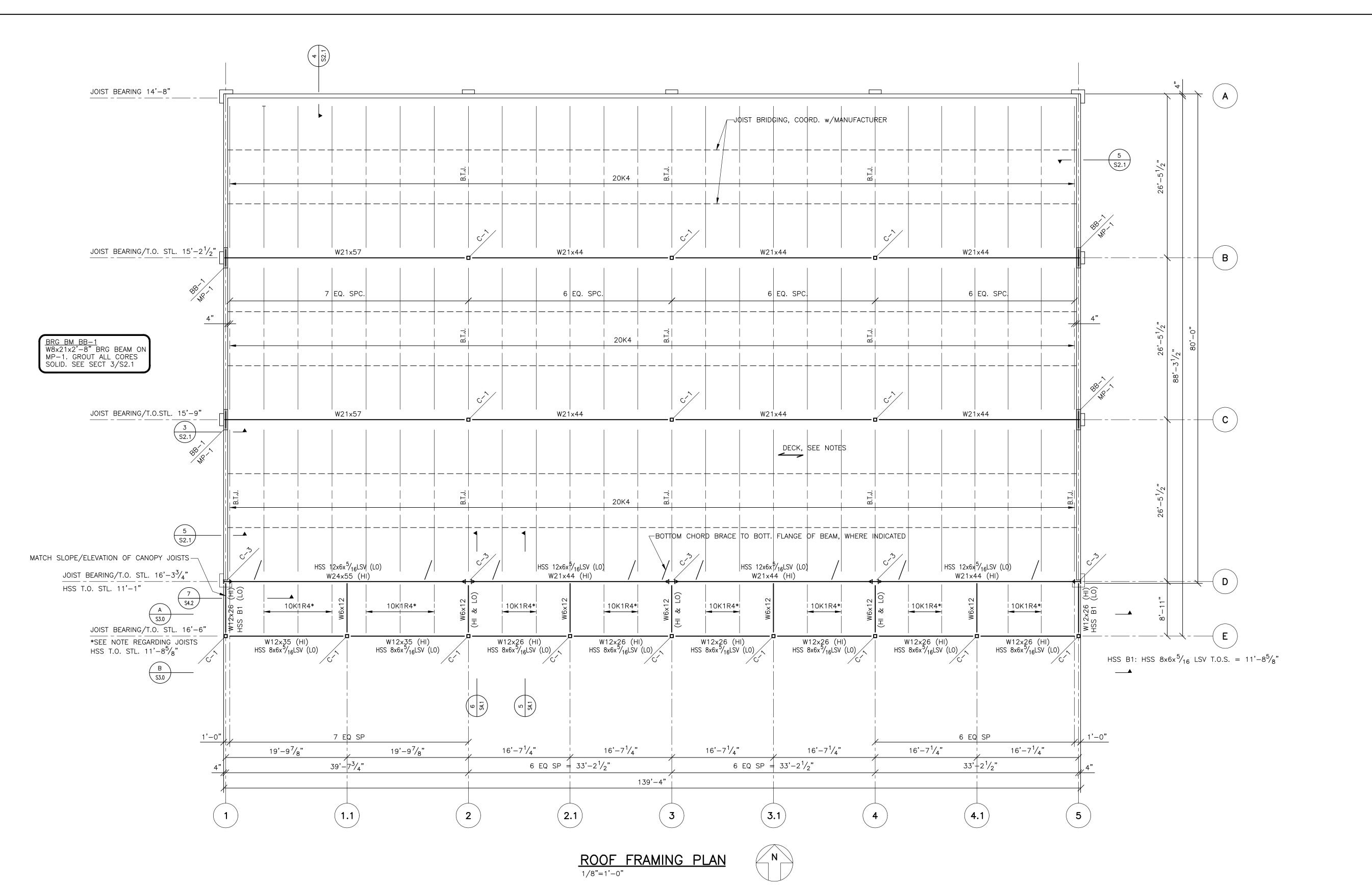


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Sheet #:

**S1.0** 





JOIST_NOTE: 10K1R4* MAY_BE_SUBSTITUTED_BY_W6x12, TOP OF STEEL AT COL. LINE 🖲 WILL NEED LOWERED TO  $16'-2\frac{1}{2}"$ SEE SHEET S4.2

NOTES:

- DEEP, WIDE RIB ROOF DECK (TYPE B) PAINTED AND SHALL BE PLUG WELDED (5/8" DIAMÈTER MÍNIMUM) TO THE SUPPORTS WITH A 36/4 PATTERN. THE FIRST AND LAST RIBS OF EACH SHEET MUST BE WELDED TO ALL SUPPORTS. END WELDS AND THOSE OCCURRING AT LAPS SHALL BE WELDED THROUGH ALL THICKNESSES. SIDE JOINTS SHALL BE MECHANICALLY FASTENED AT MID SPAN WITH 4-#10 FASTENERS EACH SPAN. (TYPICAL U.N.O.) - ROOF DECK SHALL BE MINIMUM 3 SPAN CONDITION (UNO). DECK SHALL HAVE FACTORY MUTUAL APPROVAL.
- J/B = ROOF JOIST BEARING ELEVATION REFERENCED FROM SLAB ON GRADE ELEVATION OF 0'-0".
- ROOF BEAM ELEVATION NOTED THUS (±) INDICATE TOP OF BEAM ABOVE OR BELOW (J/B) ELEVATION NOTED. - BEAMS WHICH RUN PARALLEL WITH JOIST SHALL BE AT TOP OF JOIST ELEVATION.
- CENTERLINE.



- PROVIDE JOIST BRIDGING IN ACCORDANCE WITH THE STEEL

PROVIDE BOLTED TIE JOIST (BTJ) ON EACH COLUMN

- METAL ROOF DECK SHALL BE 20 GAGE, 36" WIDE, 1 1/2" - PROVIDE ADDITIONAL ROW OF BRIDGING AT FIRST PANEL POINT OF ALL JOISTS SUBJECTED TO NET UPLIFT LOADING – SEE GENERAL NOTES.

 COORDINATE ALL OPENINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

– SEE SHEET S2.1 FOR TYPICAL STEEL DETAILS.

- SEE SHEET SO.1 FOR GENERAL NOTES AND ALL ROOF DESIGN LOADS AND LINTEL SCHEDULE

- ALL JOISTS HAVE BEEN DESIGNED FOR A SINGLE RTU LOAD OF #1500 ANYWHERE. ASSUME MAX RTU WEIGHT WEIGHT OF #3000. JOISTS THAT SUPPORT MORE THAN

ONE RTU SHALL REQUIRE THE APPROVAL OF THE EOR.

− ► INDICATES MOMENT CONNECTION. SEE A/S4.2

G.C. TO COORDINATE ANY ADDITIONAL ROOF TOP UNIT OR CONDENSER MOUNTING REQUIREMENTS WITH TENANT

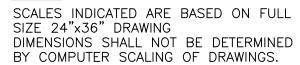
COLUMN SCHEDULE			
MARK	SIZE	BASE PLATE	ANCHOR BOLTS
C-1	HSS $6 \times 6 \times \frac{1}{4}$	⅊ ³ ⁄₄"x12"x12"	4-3/4"ø FI554 GR 36 (1'-0" EMBED)
C-2	NOT USED	_	_
C-3	W12x40	₽ ³ / ₄ "×14"×1'−6"	4-3/4"ø FI554 GR 36 (1'-0" EMBED)

(E) EXISTING (N) NEW (FV) FIELD VERIFY

ALL DIMENSIONS OF EXISTING STRUCTURE ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION.

# NOTE:

NOTE:



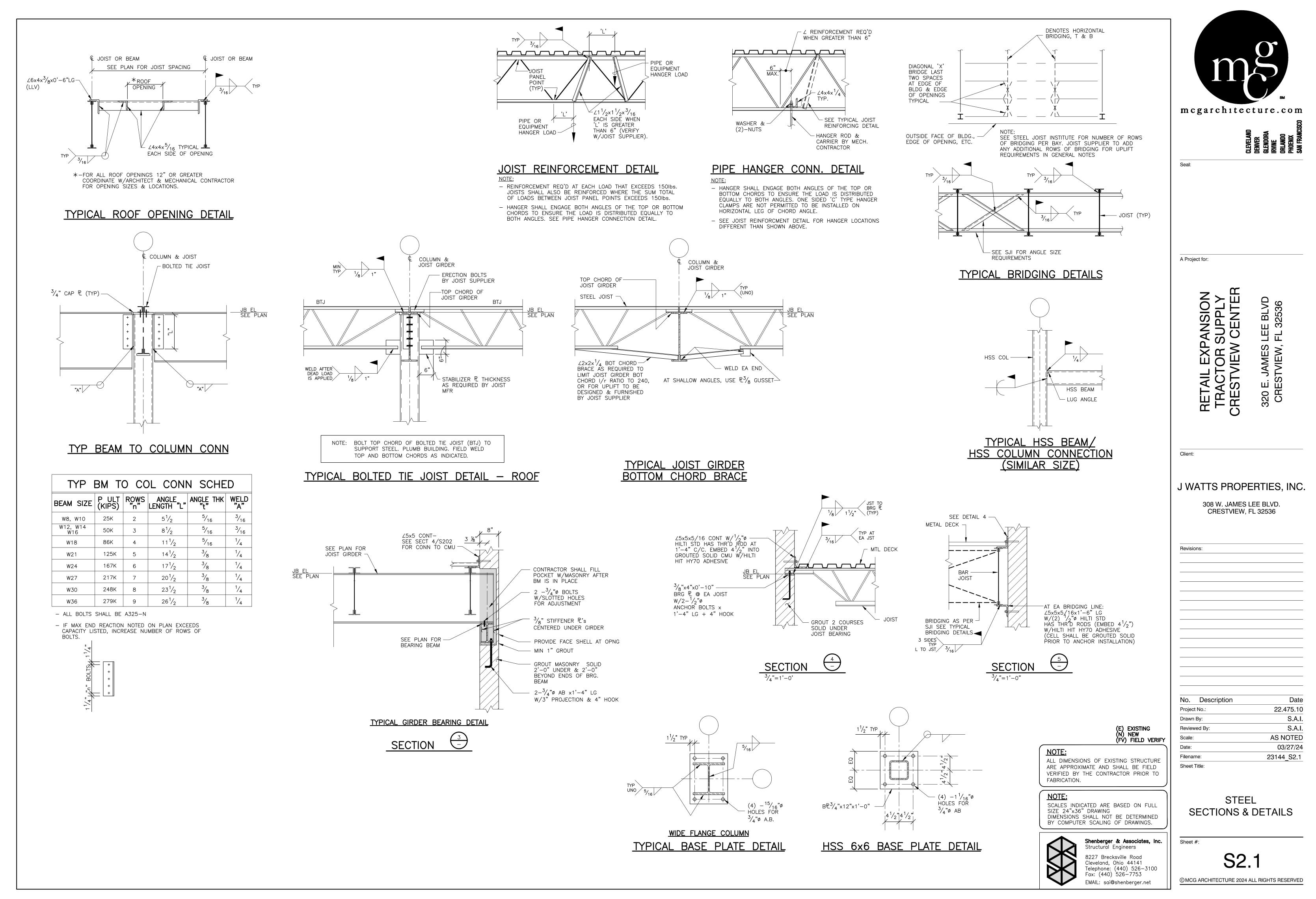


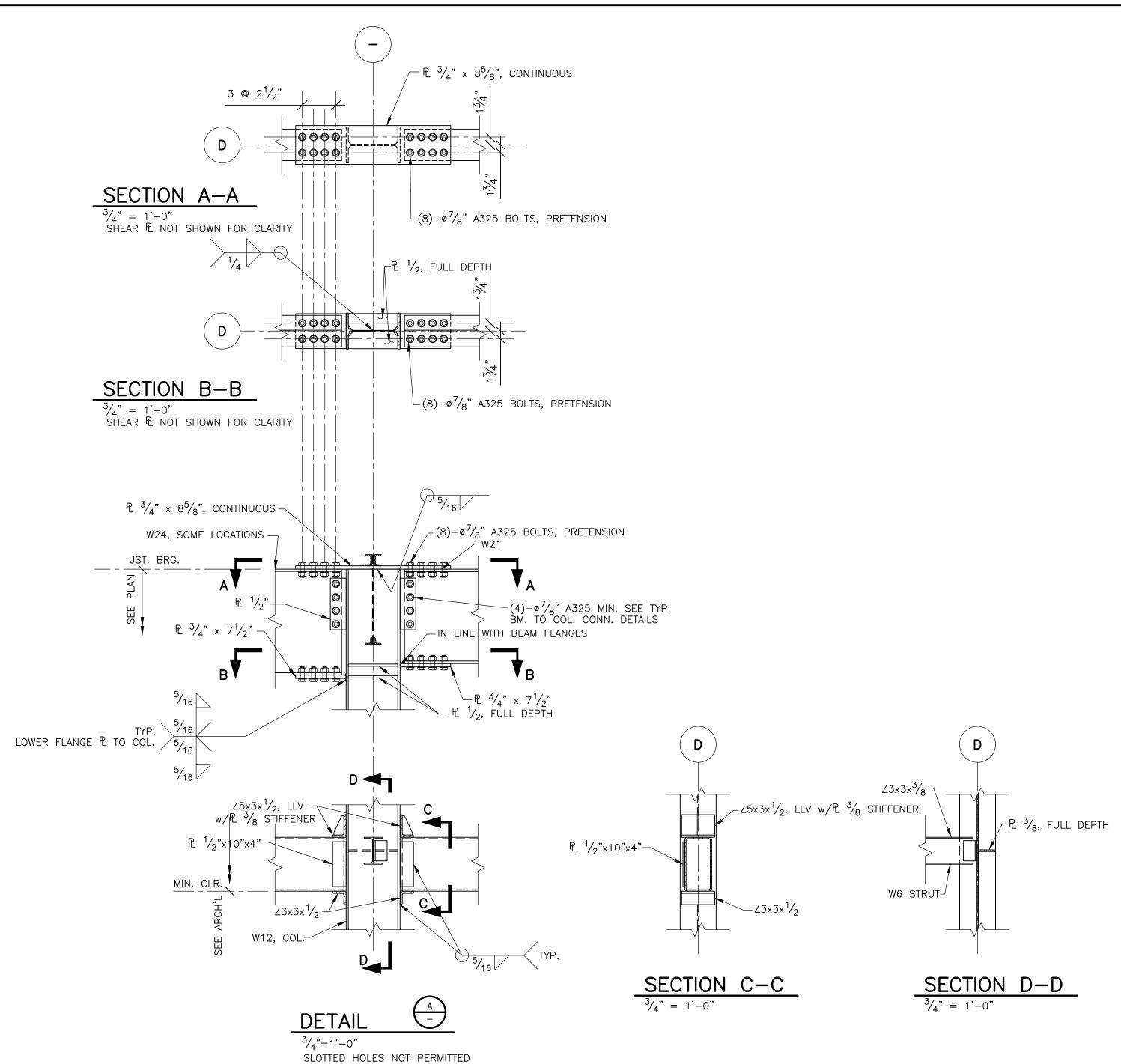
Shenberger & Associates, Inc. Structural Engineers 8227 Brecksville Road Cleveland, Ohio 44141 Telephone: (440) 526–3100 Fax: (440) 526-7753 EMAIL: sai@shenberger.net

mcgarchite	ecture.com
Seal:	CLEVELAND Denver Glendora Irvine Orlando Phoenix San Francisco
A Project for:	
RETAIL EXPANSION TRACTOR SUPPLY CRESTVIEW CENTER	320 E. JAMES LEE BLVD CRESTVIEW, FL 32536
308 W. JAME	PERTIES, INC. S LEE BLVD. V, FL 32536
Revisions:	
No. Description	Date
Project No.: Drawn By: Reviewed By: Scale: Date: Filename: Sheet Title:	22.475.10 S.A.I. S.A.I. AS NOTED 03/27/24 23144_S2.0
ROOF FI PL	

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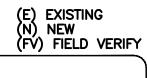
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SLOTTED HOLES NOT PERMITTED JOIST, CONN. DETAILS NOT SHOWN FOR CLARITY, SEE TYP. DET.

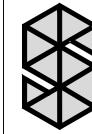
m c g a r c h t t e c Seal:	SCO
A broject for: TRACTOR SUPPLY CRESTVIEW CENTER	320 E. JAMES LEE BLVD CRESTVIEW, FL 32536
Client:          J WATTS PROPE         308 W. JAMES L         CRESTVIEW, F         Revisions:	EE BLVD.
No. Description Project No.: Drawn By: Reviewed By: Scale: Date: Filename: Sheet Title: Street	



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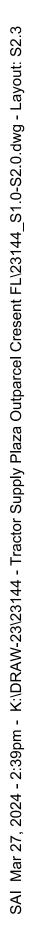


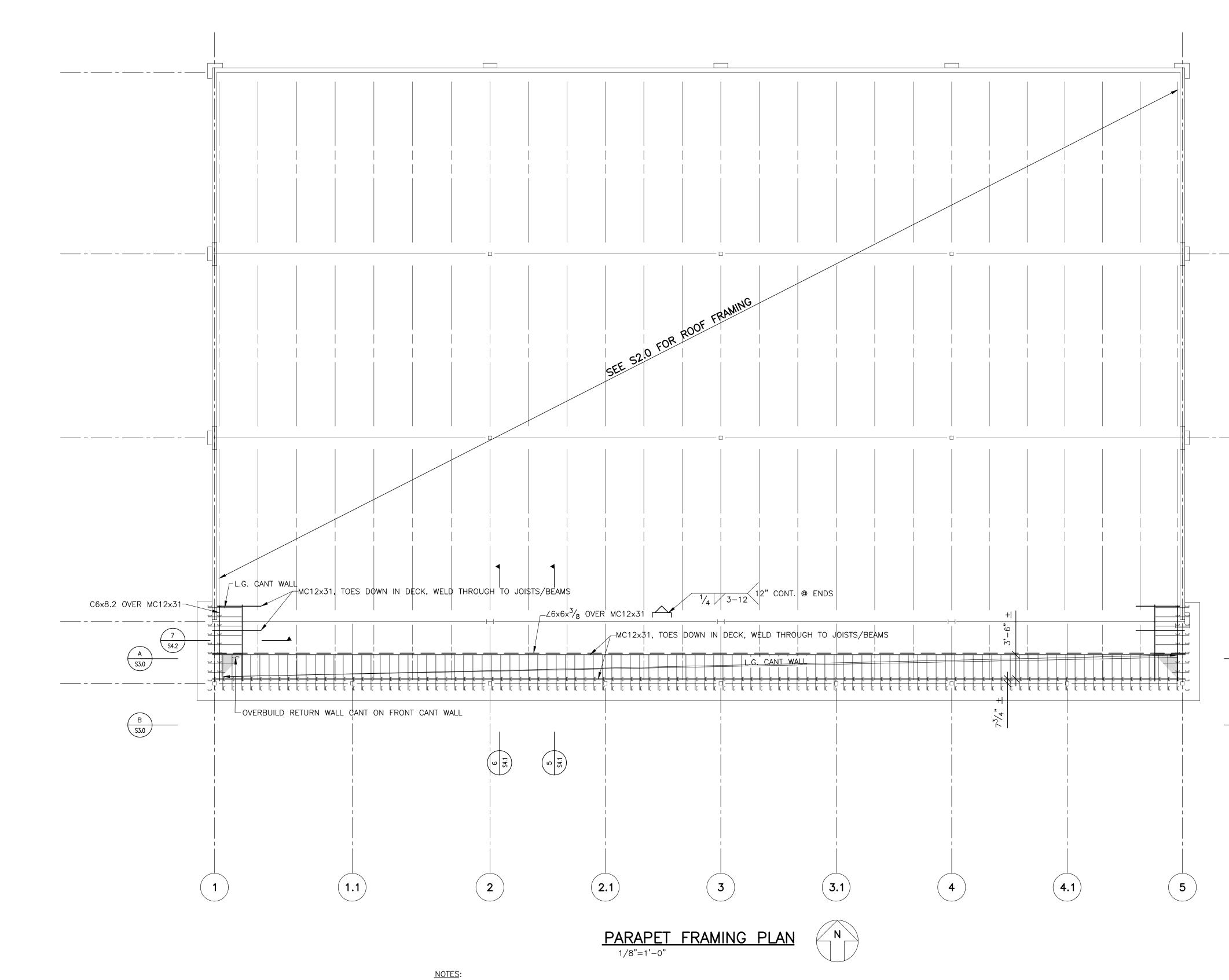
Shenberger & Associates, Inc. Structural Engineers
8227 Brecksville Road Cleveland, Ohio 44141 Telephone: (440) 526-3100 Fax: (440) 526-7753

EMAIL: sai@shenberger.net

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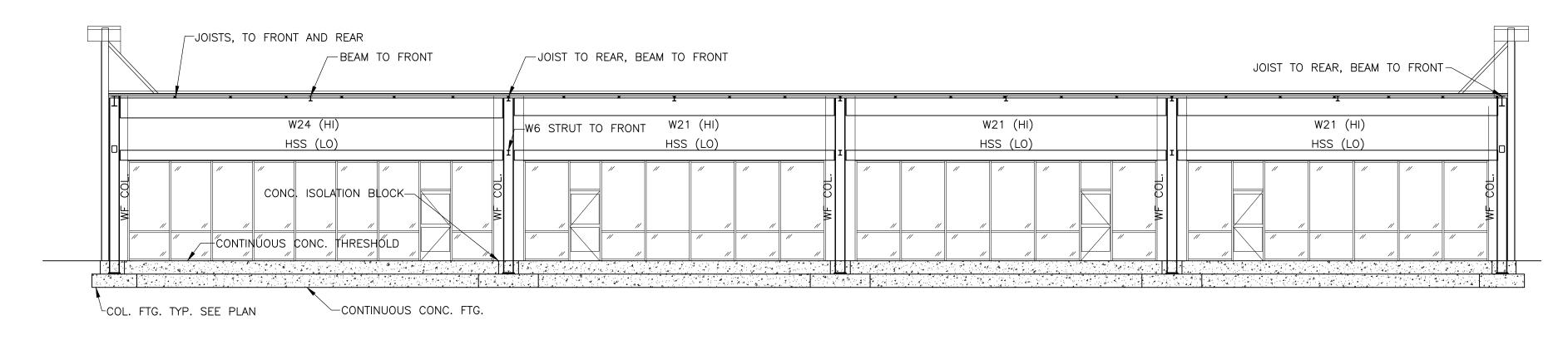
- NOTED OTHERWISE. OR GREATER

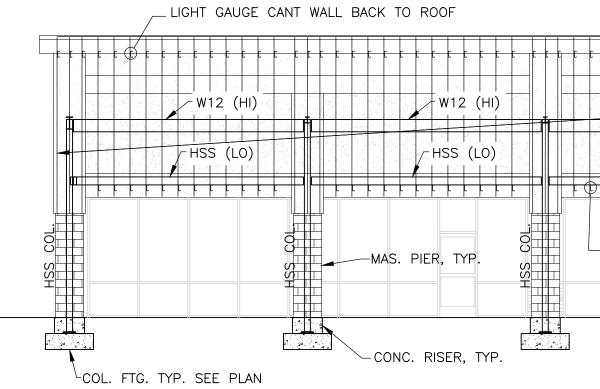
ALL LIGHT GAUGE MEMBERS ARE 600S162-43 UNLESS

ALL EXTERIOR FACES OF LIGHT GAUGE TO BE SHEATHED WITH 5/8" MINIMUM EXTERIOR RATED PLYWOOD, EQUIVILENT

ALL FASTENERS SHALL BE #12 SCREWS, EQUIVALENT OR GREATER

A	CLEVELAND DEINVER RANNER SAM FRANCISCO MICANDO PHOENIX SAM FRANCISCO CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELA
——————————————————————————————————————	Cleveland Denver Benver Seal:
C	RETAIL EXPANSION TRACTOR SUPPLY CRESTVIEW CENTE 320 E. JAMES LEE BLVD CRESTVIEW, FL 32536
	Client: <b>J WATTS PROPERTIES, INC.</b> 308 W. JAMES LEE BLVD. CRESTVIEW, FL 32536
	Revisions:
(E) EXISTING NEW (FV) FIELD VERIFY ALL DIMENSIONS OF EXISTING STRUCTURE ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION.	No.DescriptionDateProject No.:22.475.10Drawn By:S.A.I.Reviewed By:S.A.I.Scale:AS NOTEDDate:03/27/24Filename:23144_S2.3Sheet Title:
NOTE:SCALES INDICATED ARE BASED ON FULL SIZE 24"x36" DRAWING DIMENSIONS SHALL NOT BE DETERMINED BY COMPUTER SCALING OF DRAWINGS.Shenberger & Associates, Inc. Structural Engineers8227 Brecksville Road Cleveland, Ohio 44141 Telephone: (440) 526-3100 Fax: (440) 526-7753 EMAIL: sai@shenberger.net	PARAPET FRAMING PLAN Sheet #: Sheet #: Sheet #: S2.3





0



W12 (HI) HSS (LO) LIGHT GAUGE SOFFIT BACK	-43 @ 16" O.C. W12 (HI) HSS (LO) W12 (HI) -HSS (LO)	W12 (HI) HSS (LO) SS (LO)	

CTERTERING CARAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAND CLEVELAN		
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A Project for:		
RETAIL EXPANSION TRACTOR SUPPLY CRESTVIEW CENTER	320 E. JAMES LEE BLVD CRESTVIEW, FL 32536	
Client:		
J WATTS PROPI 308 W. JAMES CRESTVIEW,	LEE BLVD.	
Revisions:		
No. Description Project No.: Drawn By: Reviewed By: Scale: Date: Filename: Sheet Title:	Date 22.475.10 S.A.I. S.A.I. AS NOTED 03/27/24 23144_S3.0	
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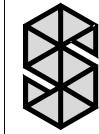


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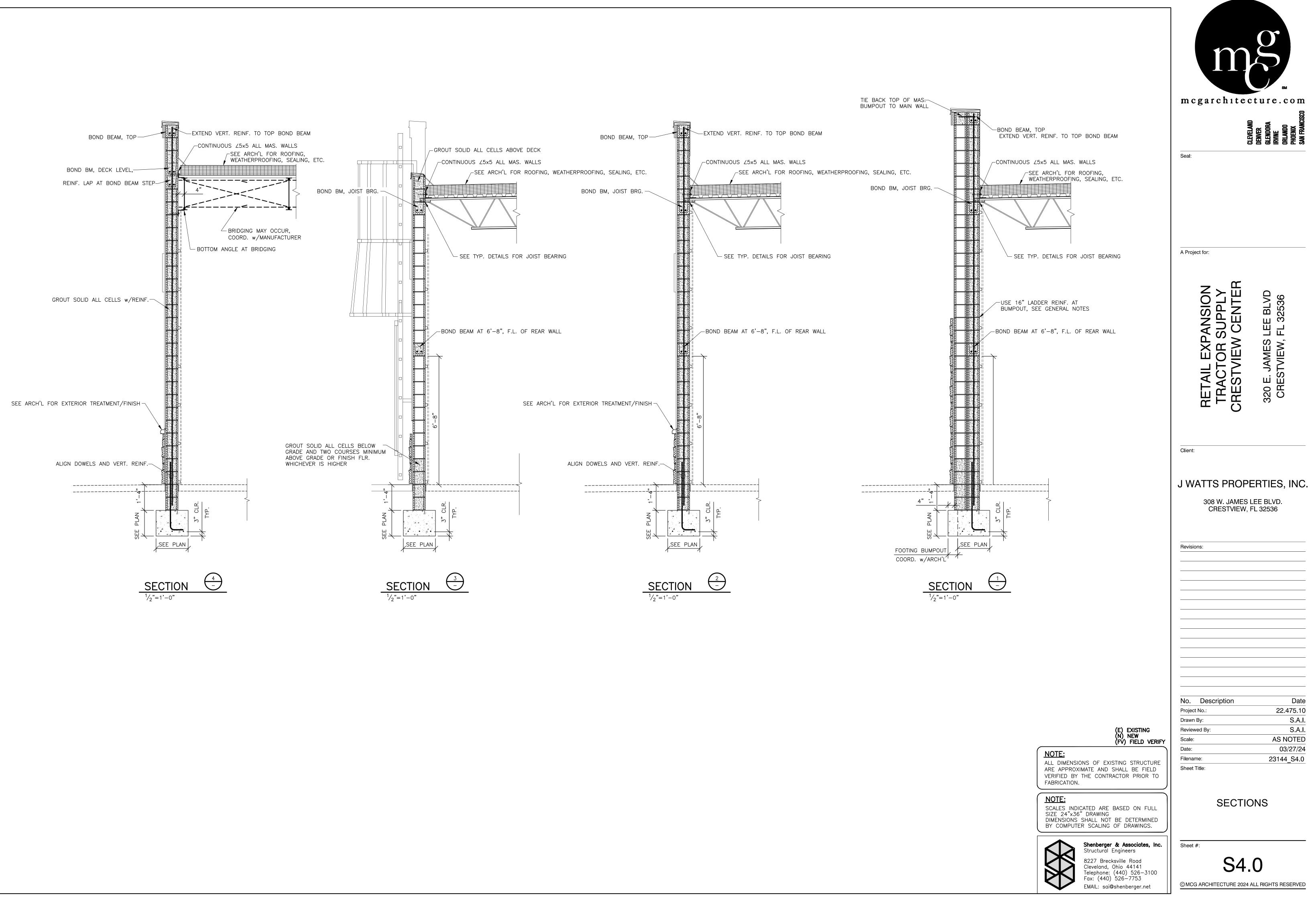


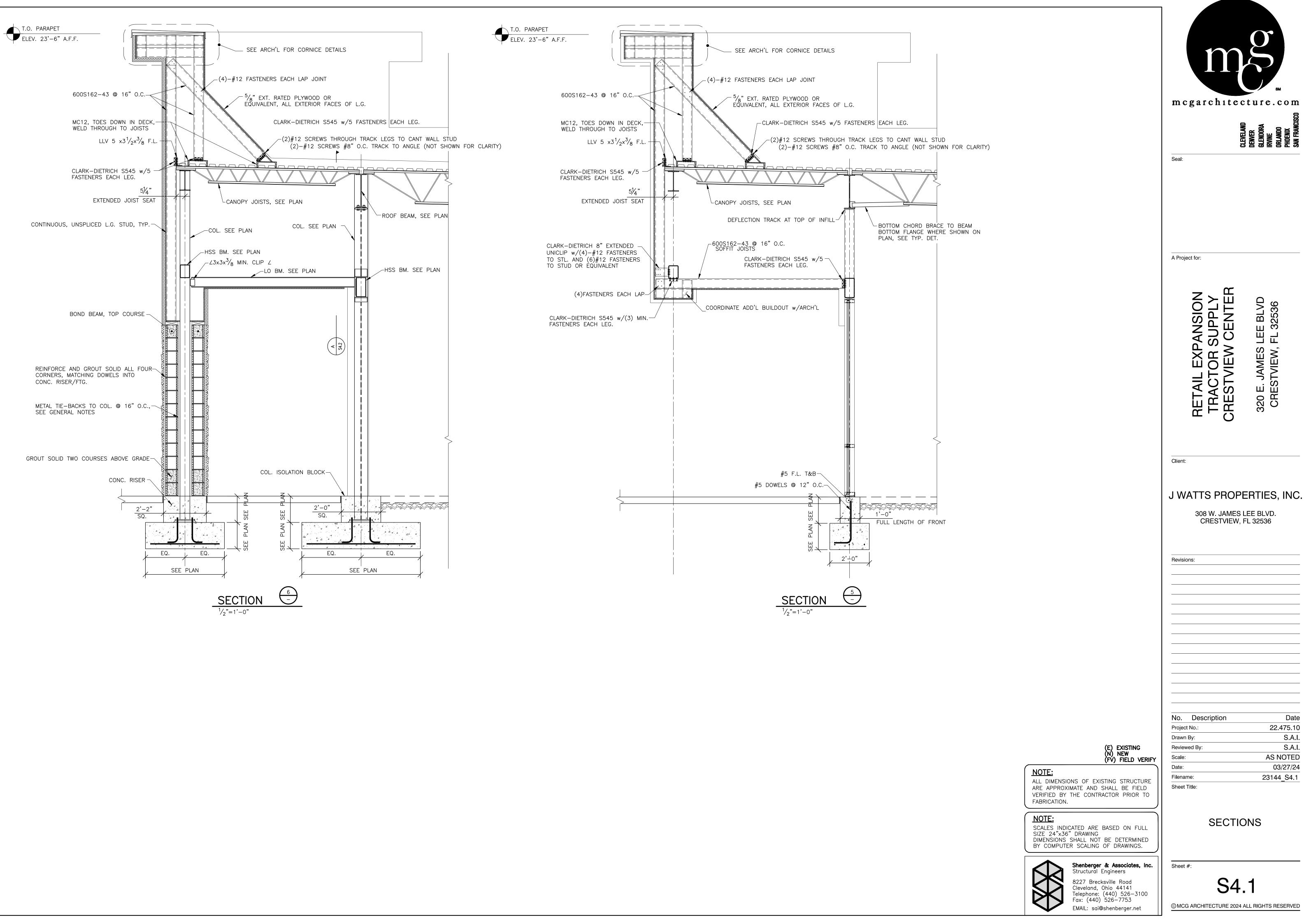
**Shenberger & Associates, Inc.** Structural Engineers 8227 Brecksville Road Cleveland, Ohio 44141 Telephone: (440) 526-3100 Fax: (440) 526-7753

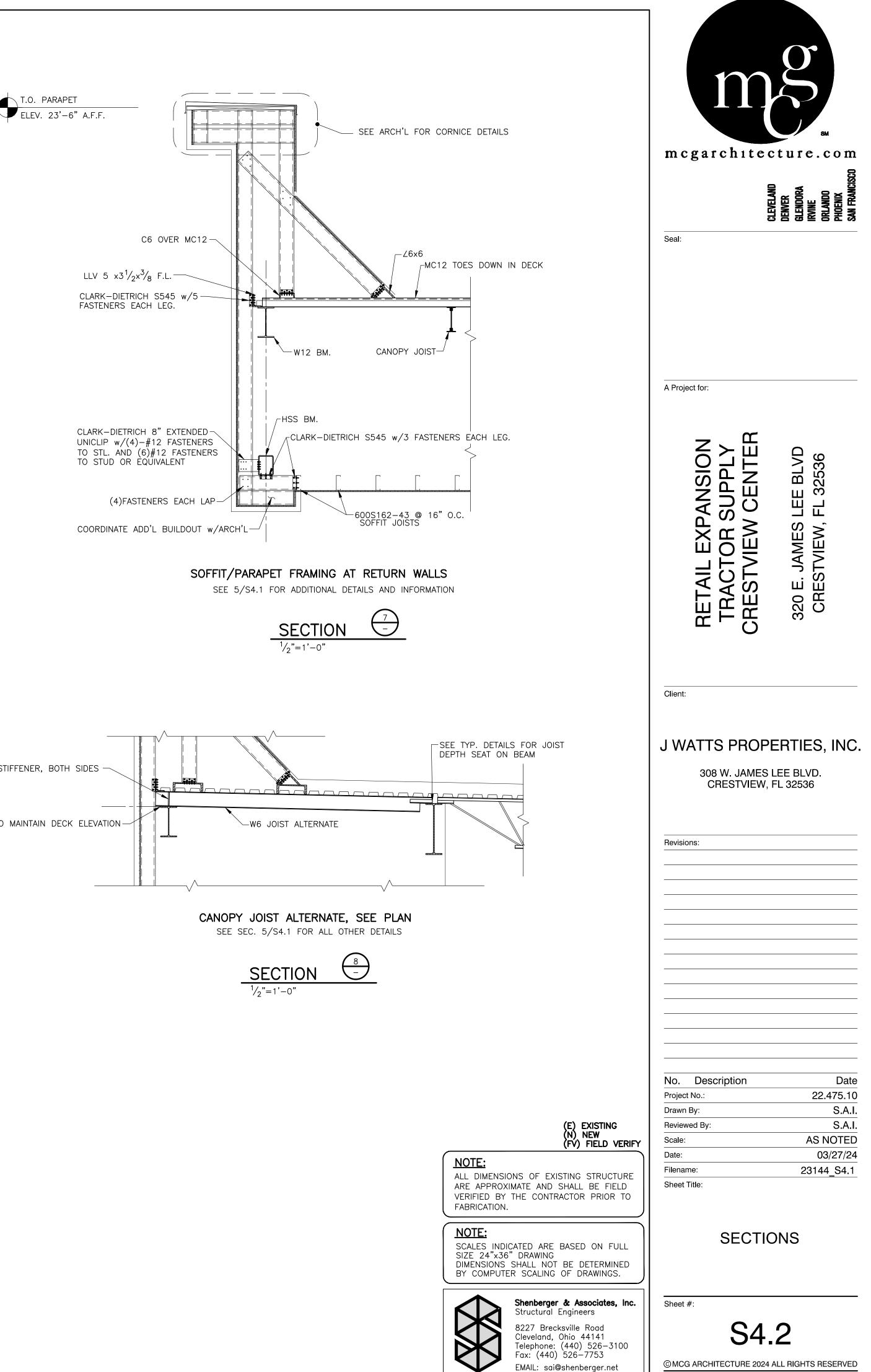
EMAIL: sai@shenberger.net

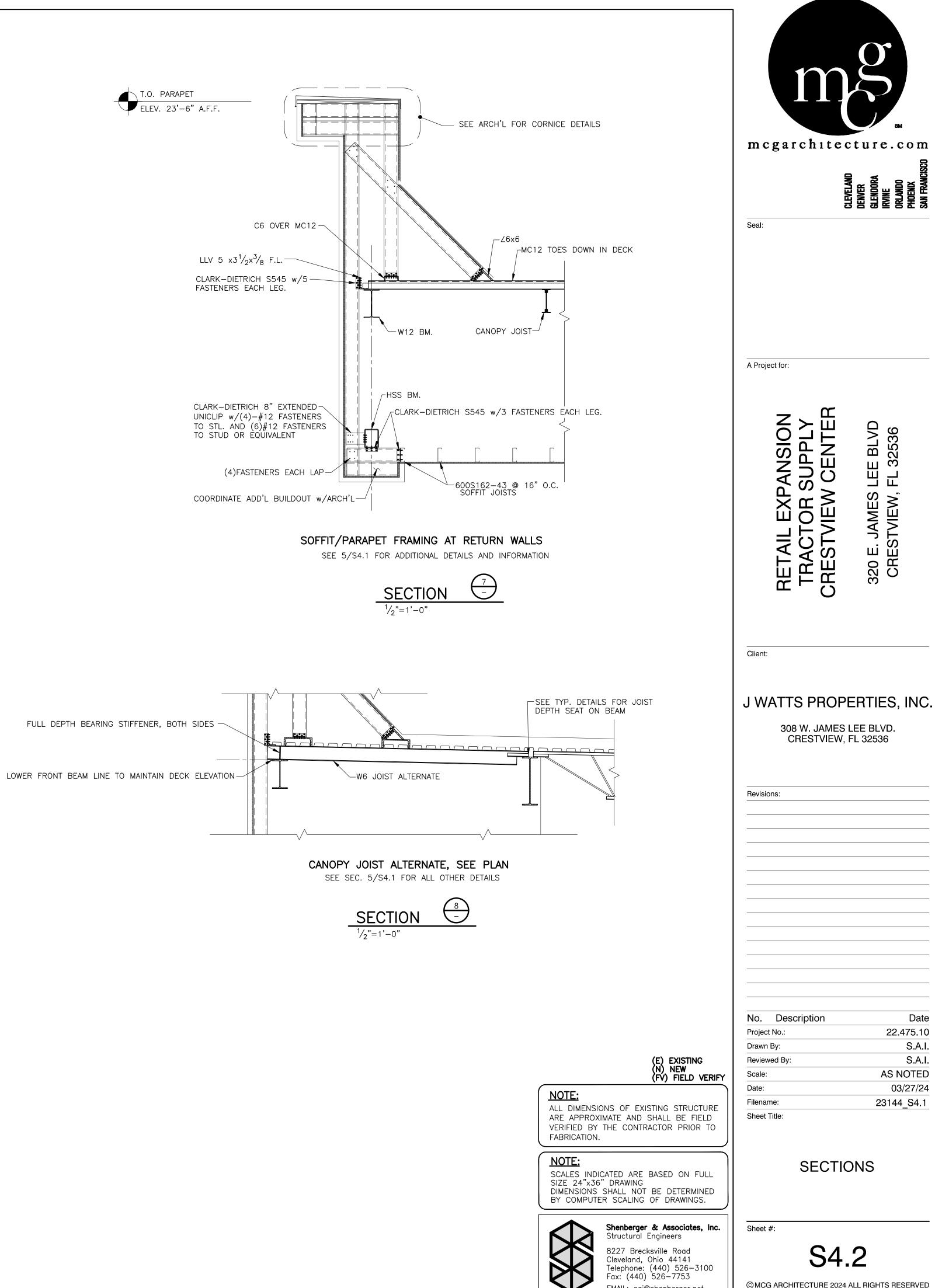
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# **RETAIL EXPANSION - TRACTOR SUPPLY CRESTVIEW CENTER - APOPKA, FL**

# ABBREVIATIONS

FABR.

F.C.

F.D.

FDN.

F.E.

F.E.C.

FIN.

FIXT.

FLASH.

FLUOR.

F.O.(XX

F.O.C.

F.O.F.

F.O.M.

F.O.S.

F.R.T.

FT.

FTG.

FURR.

GALV.

GL.

GR.

GYP

GYP.BD.

H.B.

H.B.C.

H.C.

H.D.

HDWD

HDWE

H.M.

HORIZ.

HR.

HGT.

I.D.

I.G.

INFO.

INSUL.

INT.

JT.

KIT.

LAM.

LAV.

LT.

MAS.

MAX.

MECH.

MED.

MEMB.

MET.

MFR.

MIN.

MISC.

M.O.

M.R.

MTD.

N.I.C.

NO.

NOM.

N.T.S.

O.A.

OBS.

O.C.

O.D.

OPNG.

OPP.

O.H.

HSS

AND ANGLE AT CENTERLINE POUND or NUMBER ACCES ACCESSIBLI ACT. ACOUSTICAL CEILING TILE ADJ. ADJUSTABLE A.F.F. ABOVE FINISH FLOOR AL. ALUMINUM APPROX. APPROXIMATE ARCH ARCHITECTURAL ASPH. ASPHALT **BED BATH & BEYOND** BBB B.C. BACK OF CURB BD. BOARD BITUM. BITUMINOUS BLDG. BUILDING BLK. BLOCK BM. BFAM B.O. BOTTOM OF BRG. BEARING BTWN. BETWEEN BUR **BUILT-UP ROOFING** CAB CABINET CEM. CEMENT CER. CFRAMIC C.F. COLD FORMED C.G. CORNER GUARD CAST IRON CONTROL JOINT C.J. CLG. CEILING CLKG. CAULKING CLR. CLEAR CMU CONCRETE MASONRY UNIT CNTF COUNTER C.O. CASED OPENING COL. COLUMN CONC. CONCRETE CONN CONNECTION CONST CONSTRUCTION CONT. CONTINUOUS CORR CORRIDOR C.T. CERAMIC TILE CTR. CENTER CTSK. COUNTERSUN DEPTH DOUBLE DBL. DEPT. DEPARTMENT D.F. DRINKING FOUNTAIN DET. DETAIL DIA. DIAMETER DIM. DIMENSION DISP. DISPENSER DN. DOWN D.O. DOOR OPENING DR. DOOR DWR. DS. DRAWER DOWNSPOUT DWG. DRAWING EAST Ε. FA. FACH E.I.F.S. EXT. INSUL. & FINISH SYSTEM MTG. E.J. EXPANSION JOINT EL. ELEVATION ELEC. ELECTRICAL EMER. EMERGENCY ENCL. ENCLOSURE EQ. EQUAL EQPT. FQUIPMENT ELECTRIC WATER COOLER E.W.C. EXP. EXPANSION EXPO. FXPOSED EXST. EXISTING EXT. EXTERIOR

( XX `

XXX

´XX `

XXX

(XX)

XXX

<del>~</del>(х)

FABRICATOR/ FABRICATED FURRING CHANNEL FI OOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIXTURE FLOOR FLASHING FLUORESCENT FACE OF (XX) FACE OF CONCRETE FACE OF FINISH FACE OF MASONRY FACE OF STUDS FIRE-RETARDANT TREATED FOOT OR FEET FOOTING FURRING GAUGE GALVANIZED GI ASS GRADE GYPSUM GYPSUM WALLBOARD HOSE BIBB HEALTH & BEAUTY CARE HOLLOW CORE HEAVY DUTY HARDWOOD HARDWARE HOLLOW METAL HORIZONTAL HOUR HEIGHT HOLLOW STEEL SECTION INSIDE DIMENSION INSULATING GLASS INFORMATION INSULATION INTERIOR JANITO JOINT KITCHEN LAMINATE LAVATORY LIGHT MASONRY MAXIMUM MECHANICAL MEDIUM MEMBRANE METAL MANUFACTUREF MINIMUM MISCELLANEOUS MASONRY OPENING MOISTURE RESISTANT MOUNTED MOUNTING NORTH NOT IN CONTRACT NUMBER

NOMINAL NOT TO SCALE OVERALL OBSCURE ON CENTER OUTSIDE DIMENSION OPENING

OPPOSITE

OVERHANC

PLATE P.LAM. PLASTIC LAMINATE PLAS. PLASTER PLMB. PLUMBING PI YWD PI YWOOD P.O.C. PAIR PRCST. PRE-CAST PRTN. PARTITION PR.TR. PRESSURE TREATED

PL.

PR.

R.O.

RWC

S.

SCHED.

SECT.

S.E.D.

SF

SHT.

SIM.

S.J.

S.P.D.

SPEC.

SPECD.

S.S.D.

S.ST.

STD.

STL

T.C.

TEL

T&G

T.G.

THR.

T.I.G.

Т.О.

T.P.

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UR.

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VERT.

VEST.

V.I.F.

V.T.R.

W.

W/

W/O

WSCT.

WT.

WP

THK.

S.C.

PAINTED QUARRY TILE

RISER RADIUS ROOF DRAIN REFERENCE REFRIGERATOR REINFORCED REQUIRED RESILIEN RETAINING ROOM ROUND ROUGH OPENING HVAC UNIT RAINWATER CONDUCTOR

SOLID CORE SCHEDULED SECTION SEE ELECTRICAL DRAWINGS STOREFRON SHFFT SIMILAR SAWCUT JOINT SEE PLUMBING DRAWINGS SPECIFICATION SPECIFIED (SECTION) SEE STRUCTURAL DRAWINGS STAINLESS STEEL STANDARD STEEL STORAGE STRUCTURA SUSPENDED

TELEPHONE TONGUE AND GROOVE TEMPERED GLASS THICK THRESHOLD TEMPERED INSULATING GLASS TOP OF TOP OF PAVEMEN TUBE STEEL TELEVISION TOP OF WALL TYPICAL

UNFINISHED UNDERGROUND UNLESS NOTED OTHERWISE URINAL

VINYL COMPOSITION TILE VERTICAL VESTIBULE VERIFY IN FIELD VENT THRU ROOF

WITH WOOD WIDTH WITHOUT WATERPROOF WAINSCOT WEIGHT

POINT OF CONNECTION PREFAB. STRUC. STL. FABR. POINT

QUARTER

TOP OF CURB

**GENERAL NOTES** 

THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OI CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL PROVIDE PUBLIC PROTECTION AS NECESSARY AND REQUIRED BY GOVERNING AGENCIES.

THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE WORK OF ALL SUB-CONTRACTORS AND SHALL PERFORM SUCH MISCELLANEOUS WORK AS MAY BE NECESSARY FOR THEM TO COMPLETE THEIR WORK.

THE GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS ON THE JOB SITE AND REPORT ANY AND ALL DISCREPANCIES AND/OR UNUSUAL CONDITIONS TO THE ARCHITECT PRIOR TO FINALIZING BIDS. COMMENCEMENT OR ANY CONSTRUCTION.

ALL REQUIRED PERMITS MUST BE OBTAINED FROM THE FIRE DEPARTMENT PRIOR TO START OF CONSTRUCTION.

THE CONTRACTOR SHALL OBTAIN ALL PERMITS FOR ALL SITE DEVELOPMENT WORK, PAY ALL FEES FOR PERMITS, AND CHECK ALL GOVERNING AUTHORITIES' SPECIFICATIONS FOR GUTTERS, SIDEWALKS, POLES, AND OTHER STRUCTURES, INCLUDING REMOVAL OR RELOCATION OF EXISTING UTILITIES OR OTHER PHYSICAL OBJECTS SHOWN ON PLANS OR OTHERWISE NOTED.

ALL COSTS FOR INSPECTIONS AND/OR TESTS, SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR, UNLESS NOTED OTHERWISE.

REQUESTED FROM THE ARCHITECT.

UNLESS OTHERWISE NOTED ON THESE DRAWINGS OR IN THE SPECIFICATIONS AS BEING N.I.C. OR EXISTING, ALL ITEMS, MATERIALS, ETC, AND THE INSTALLATION OF SAME ARE A PART OF THE CONTRACT DEFINED BY THESE DRAWINGS AND SPECIFICATIONS.

DETAILS ARE INTENDED TO SHOW THE INTENT OF THE DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT THE FIELD DIMENSIONS OR CONDITIONS AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK OF THE CONTRACT.

3. ALL EXTERIOR WALL DIMENSIONS ARE TO FACE OF CONCRETE BLOCK OR TO FACE OF SHEATHING, UNLESS OTHERWISE NOTED. THE CLIENT, ARCHITECT, CONSULTANTS, AND ALL INSPECTORS FROM AUTHORITIES HAVING JURISDICTION SHALL BE PERMITTED

THE CONTRACTOR SHALL VERIFY LOCATIONS OF INSERTS AND EMBEDDED ITEMS WITH ALL APPLICABLE DRAWINGS BEFORE POURING CONCRETE

16. IN ALL CASES, PROVIDE ISOLATION OF ALUMINUM FROM ADJACENT STEEL OR COAT SURFACES IN CONTACT WITH BITUMINOUS PAINT

MAINTAIN A MINIMUM CLEARANCE SET BY THE AUTHORITY HAVING JURISDICTION BETWEEN PROPERTY LINES AND ANY NEW CONSTRUCTION LIKE WALLS, FOOTINGS, ETC.

THE GENERAL CONTRACTOR SHALL CERTIFY TO THE ARCHITECT AND TO THE BUILDING DEPARTMENT, ALL PAD ELEVATIONS PRIOR TO EXCAVATING FOR FOOTINGS.

19. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR UTILITY SPACE.

# **CONTACT INFORMATION**

OWNER:

**J WATTS PROPERTIES** 308 W. JAMES LEE BLVD. CRESTVIEW, FL 32536 CONTACT: JAMES J. WATTS PH: 850.240.6031

Email: jwatts@jwattsproperties.com

CONTRACTOR: TBD

ARCHITECT:

MCG ARCHITECTURE 2290 LUCIEN WAY, SUITE 230 MAITLAND, FL 32751 CONTACT: ROBERT DAY PH: 689.698.5271 Email: RDay@mcgarchitecture.com

SYMBOL LEGEND ELEVATION NUMBER SHEET DRAWN ROOM SECTION NUMBER XXX - SHEET DRAWN  $\mathbf{x}$ - DETAIL NUMBER SHEET DRAWN ELEVATION DESCRIPTION B.O. DECK ELEVATION DESCRIPTION ELEV. 0'-0" AFF ELEVATION CONTROL POINT

**KEY NOTE REFERENCE** REFERENCE LINE INDENTIFICATION

GRID LINE IDENTIFICATION

EXISTING GRID LINE IDENTIFICATION

P.S.F.F PT. PTD. Q.T. QTR. R. RAD. R.D. RFF REFR REINF REQD RESIL. RET. RM.

RND. R.T.U. SOUTH

STOR. STRUC SUSP.

T.W. TYP.

# VCB VINYL COVE BASE

VWC VINYL WALL COVERING WES WD WDT.

NORTH ARROW

ROOM IDENTIFICATION DOOR NUMBER

GLAZING INDICATOR

PARTITION NUMBER

XXX FINISH INDICATOR 

0'-0" **CEILING HEIGHT** 

X REVISION INDICATOR

# 320 E. JAMES LEE BLVD CRESTVIEW, FL 32536

THE WORK SHALL CONFORM TO THE APPLICABLE BUILDING CODE, AND OTHER ORDINANCES, CODES AND REGULATIONS LISTED THE SPECIFICATIONS OR ON THE DRAWINGS, AND REQUIRED BY LOCAL BUILDING AUTHORITIES. THE GOVERNING CODES, RULES AND REGULATIONS ARE COLLECTIVELY REFERRED TO AS "THE CODE". THE CONTRACTOR SHALL REPORT ANY INCONSISTENCIES, CONFLICTS OR OMISSIONS HE MAY DISCOVER TO THE ARCHITECT FOR INTERPRETATION PRIOR TO PERFORMING THE WORK.

DO NOT SCALE THESE DRAWINGS SHOULD ANY DIMENSIONAL DISCREPANCIES BE ENCOUNTERED, CLARIFICATIONS SHALL BE

THE SITE AND BUILDINGS SHALL BE ACCESSIBLE TO AND FUNCTIONAL FOR THE PHYSICALLY HANDICAPPED.

ALL RAMPS SHALL HAVE A NON-SLIP FINISH AND WILL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT

ACCESS TO THE JOB SITE AT ALL TIMES DURING NORMAL WORKING HOURS.

# STRUCTURAL

SHENBERGER & ASSOCIATES INC. 8227 BRECKSVILLE RD. #1 CLEVELAND, OH 44141 CONTACT: CHRIS GALLAGHER PH: 440-526-3100 Email: CGallagher@shenberger.net

# MEP ENGINEERING:

SAVANT ENGINEERING, LLC

5064 ROSWELL ROAD, SUITE D-301 SANDY SPRINGS, GA 30342 PH: 770.319.7400 CONTACT: JOSHUA ANDERSON PH: 404.538.2533 Email: janderson@savanteng.com

MECHANICAL CONTACT: RAY VALAZQUEZ PH: 407.374.3640 Email: rvelazquez@savanteng.com

# **PROJECT DATA**

# **PROJECT OVERVIEW**

PROJECT TO CONSIST OF EXTERIOR SHELL CONSTRUCTION TO LOT PARCEL I.D.: 06-21-28-0000-00-047. THE SCOPE OF WORK UNDER THIS DRAWING PACKAGE IS LIMITED TO THE EXTERIOR SHELL CONSTRUCTION. INCLUDING FOOTINGS. FOUNDATIONS. EXTERIOR MASONRY AND METAL STUD WALLS, ALUMINUM STOREFRONT GLAZING AND DOORS, ROOFING, EXTERIOR FINISHES, EXTERIOR AND EMERGENCY LIGHTING FIXTURES, PLUMBING AND SANITARY STUB INS, ELECTRICAL SERVICE INSTALLATION, AND REQUIRED STRUCTURAL SUPPORT FOR THE 11,200 SF SPACE.

ALL SITE SIGNAGE AND FUTURE TENANT INTERIOR FIT-OUT DRAWINGS TO BE SUBMITTED UNDER A SEPARATE DRAWING SUBMITTAL.

# CODE DATA SUMMARY

ORANGE COUNTY PERMIT DEPARTMENT INFO. 201 S. ROSALIND AVE., 2ND FLOOR ORLANDO, FL 32801 PH: 407.836.5312

APPLICABLE CODES

BUILDING CODE: 2023 FLORIDA BUILDING CODE 8th EDITION ELECTRICAL CODE: 2023 FLORIDA BUILDING CODE - ELECTRICAL 8TH EDITION MECHANICAL CODE: 2023 FLORIDA BUILDING CODE - MECHANICAL 8TH EDITION PLUMBING CODE: 2023 FLORIDA BUILDING CODE - PLUMBING 8TH EDITION FIRE CODE: 2023 FLORIDA FIRE PREVENTION CODE 8TH EDITION

## **BUILDING INFORMATION**

BUILDING CONSTRUCTION TYPE: BUILDING USE: OCCUPANCY:

**BUILDING AREA** TOTAL AREA: ALLOWABLE AREA:

11,200 S.F. 23,000 S.F. (ALLOWED PER 506.2)

BUSINESS

GROUP B, (NON-SPRINKLERED)

II-B

**BUILDING HEIGHT** 

TOTAL HEIGHT: 23-6", 1 STORY ALLOWABLE HEIGHT: 55'-0" (ALLOWED PER 504.3)

**BUILDING OCCUPANCY** 

SPACE #1	BUSINESS =	3,148 S.F.
	TOTAL BUILDING AREA=	3,148 S.F.
	RUCINECO	

SPACE #2-4 BUSINESS 2,636 S.I TOTAL BUILDING AREA = 2,636 S.F

EXIT ACCESS TRAVEL DISTANCE (TABLE 1006.2.1 FBC 2023 8th): USE GROUP B (NON-SPRINKLER SYSTEM) = 75 FEET

OCCUPANT LOAD (TABLE 1004.5): [GROSS AREA / S.F. PER PERSON = # OF PERSONS]

SPACE #1				
	BUSINESS =	3,148 / 150 =	21	PERSONS
	TOTAL OCCUPANT LOAD =		21	PERSONS
SPACE #2-	4			
	BUSINESS =	2,636 / 150 =	18	PERSONS
	TOTAL OCCUPANT LOAD =		18	PERSONS

EGRESS REQUIREMENTS

EGRESS WIDTH (TABLE 1005.3.2): [# PERSONS  $\times 0.2^{"}$  PER PERSON = WIDTH]

SPACE #1 BUSINESS =  $21 \times 0.2" = 4.2"$ 

TOTAL EGRESS WIDTH REQUIRED = 4.2" TOTAL EGRESS WIDTH PROVIDED = 36.0"

NO. OF EXITS (1006.3.2) REQUIRED PROVIDED OCCUPANT LOAD 1-500

SPACE #2-4

BUSINESS =  $18 \times 0.2" = 3.6"$ TOTAL EGRESS WIDTH REQUIRED = 3.6" TOTAL EGRESS WIDTH PROVIDED = 36.0"

NO. OF EXITS (1006.3.2) REQUIRED PROVIDED OCCUPANT LOAD 1-500 2 2

PLUMBING FIXTURE REQUIREMENTS INSTALLATION OF NEW PLUMBING FIXTURES ARE TO BE INCLUDED IN SEPERATE FUTURE TENANT FIT-OUT SUBMITTAL(S).

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DR	AWING INDEX	
	DATE ISSUE	
SHEET T0.1	DRAWING TITLE ^A 8 ^A 8 ^A 8        TITLE SHEET ^A 8 ^A 8 ^A 8	A Project for:
ARC A0.1 A1.1 A1.2 A1.3 A1.4 A1.5 A2.0 A2.1 A3.0 A2.1 A3.0 A3.1 A4.0 A3.1 A4.0 A3.1 A4.0 A5.1 A5.2 A6.0 A8.1 A8.2 A8.3 A8.4 A8.5	CHITECTURAL         SITE PLAN (FOR REFERENCE)         LIFE SAFETY PLAN         FLOOR PLAN         ROOF PLAN         WALL TYPES & DETAILS         REFLECTED CEILING PLAN         EXTERIOR ELEVATIONS         STOREFRONT ELEVATION & DETAILS         BUILDING SECTIONS         BUILDING SECTIONS         EXTERIOR WALL SECTIONS         EXTERIOR WALL SECTIONS         EXTERIOR WALL SECTIONS         SECTION DETAILS         SECTION DETAILS         DOORS, WINDOWS, FRAMES AND SCHEDULES         STOREFRONT PRODUCT APPROVAL & DETAILS	RETAIL EXPANSION TRACTOR SUPPLY CRESTVIEW CENTER 320 E. JAMES LEE BLVD CRESTVIEW, FL 32536
STF S0.01	RUCTURAL GENERAL NOTES	Client:
S0.02           S1.0           S1.1           S2.0           S2.1           S2.2           S2.3           S3.0           S4.0           S4.1	GENERAL NOTESFOUNDATION PLAN & SCHEDULEFOUNDATION SECTIONS & DETAILSROOF FRAMING PLANSTEEL SECTIONS & DETAILSSTEEL SECTIONS & DETAILSPARAPET FRAMING PLANELEVATIONSSECTIONSSECTIONSSECTIONSSECTIONS	J WATTS PROPERTIES, INC 308 W. JAMES LEE BLVD. CRESTVIEW, FL 32536
S4.2	SECTIONS	Revisions:
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SIT		
		No.       Description       Date         Project No.:       22.475.1         Drawn By:       F         Reviewed By:       F         Scale:       AS NOTE         Date:       03/27/2         Sheet Title:       TITLE SHEET



Sheet #:

