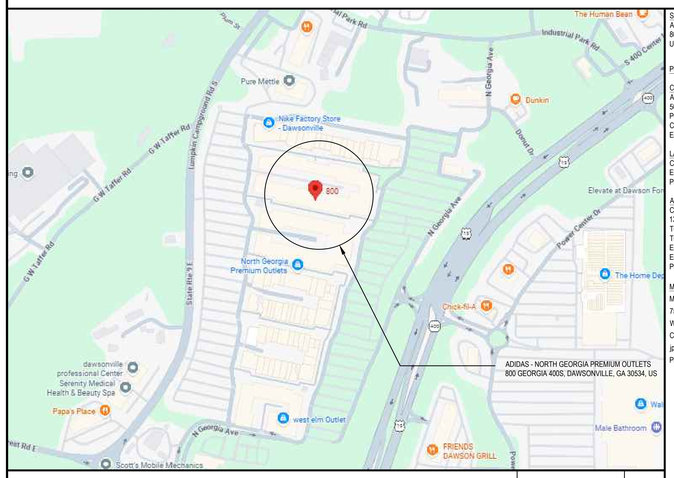
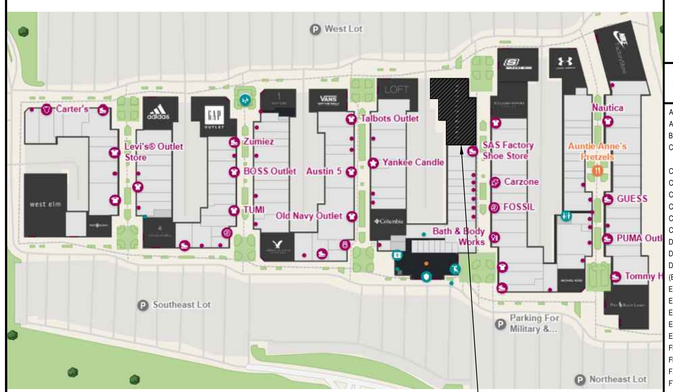
ADIDAS

NORTH GEORGIA PREMIUM OUTLETS

800 GEORGIA 400 S, DAWSONVILLE, GA, 30534, US



VICINITY MAP | - | 7



TOTAL: 17404 SQ. FT.

SITE PLAN | - | 6

STORE ADDRESS:
ADIDAS- NORTH GEORGIA PREMIUM OUTLETS
800 GEORGIA 400 S, DAWSONVILLE, GA, 30534
USA

PROJECT CONTACTS:

CLIENT:
ADIDAS
5055 N. GREELY AVE
PORTLAND OREGON 97217
CONTACT: DEJA MEACHAM
EMAIL: Deja.Meacham@adidas.com

LANDLORD:
CONTACT: ERIN SLADE
EMAIL: erin.slade@simon.com
PHONE: (862) 289-5739

ARCHITECT:
CORE ARCHITECT USA INC.
130 QUEENS QUAY EAST, SUITE 700, WEST TOWER
TORONTO, ON M5A 0P6
EMAIM:CONTACT: SOHA WADOOD
EMAIN: swadood@corearchitects.com
PHONE: (416) 343-0400 x215

MEP ENGINEER:
M-ENGINEERING
750 BROOKEDGE BLVD.
WESTERVILLE, OH 43081 USA
CONTACT: JOSEPH W. PEACE
jpeace@mengineering.us.com
PHONE: (614) 423-3941

APPLICABLE CONSTRUCTION CODE:

BUILDING & STRUCTURAL:	INTERNATIONAL BUILDING CODE, 2024 EDITION, WITH GEORGIA AMENDMENTS
PLUMBING:	INTERNATIONAL PLUMBING CODE (IPC), 2024 EDITION, WITH 2026 AMENDMENTS
ELECTRICAL:	NATIONAL ELECTRICAL CODE (NFPA 70), 2023 EDITION, WITH 2026 GEORGIA AMENDMENTS
MECHANICAL:	INTERNATIONAL MECHANICAL CODE (IMC), 2024 EDITION, WITH 2026 GEORGIA AMENDMENTS
ACCESSIBILITY:	2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
FUEL GAS:	INTERNATIONAL FUEL GAS CODE, 2024 EDITION, WITH 2026 GEORGIA AMENDMENTS
FIRE SAFETY:	INTERNATIONAL FIRE CODE, 2024 EDITION, CONTACT STATE FIRE MARSHAL
	DAWSON COUNTY FIRE PREVENTION AND PROTECTION ORDINANCE, CHAPTER 22 DAWSON COUNTY CODE OF ORDINANCES
ENERGY:	INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION, WITH 2026 GEORGIA AMENDMENTS

SCOPE OF WORK:
THIS PROJECT IS A TENANT BUILD-OUT OF AN EXISTING SPACE, WHICH INCLUDES AND IS NOT LIMITED TO NEW PARTITIONS, FINISHES, FIXTURES, LIGHTING AND ELECTRICAL, AND HVAC MODIFICATIONS.

MAIN FLOOR SQUARE FOOTAGE:

NET SALES AREA: 12,424 S.F. (1,154.0M²)
NET NON-SALES: 4980 S.F. (462.6M²)
17,404 S.F. (1,617.1M²)

OCCUPANCY GROUP: (M) MERCANTILE (IBC CHAPTER 3, SECTION 309.1)

SEISMIC ZONE: B
CONSTRUCTION TYPE: IIB (ASSUMED - NO CHANGE)

FIRE RESISTIVE REQUIREMENTS:	DEMISING WALL	(1 HOUR)
	SALES/NON-SALES WALL	(0 HOUR)
	CEILING	(0 HOUR)
	COLUMNS	(0 HOUR)

FIRE SPRINKLERS: EXISTING BUILDING IS SPRINKLERED AND MODIFICATIONS TO ENTIRE SALES AND NON-SALES AREA OF TENANT FIT-OUT TO CONFORM AND RECEIVE AN AUTOMATIC FIRE SPRINKLER SYSTEM AS PER APPROVED FIRE PROTECTION PLANS

REQUIRED EXITS: PROVIDED: 4 EXISTING
MAX. ALLOWABLE TRAVEL DISTANCE: REQUIRED: 250'-0" PROVIDED: 175'-8 1/2"

OCCUPANCY LOAD: (SALES AREA / 60) = # OF OCCUPANTS (NON-SALES AREA/300) = # OF OCCUPANTS
(12,424 SF / 60) = 208 OCCUPANTS (4,980 S.F. / 300) = 17 OCCUPANTS
TOTAL = 225

RESTROOM REQUIREMENTS:	WATER CLOSETS:	1 REQUIRED FOR MALE	1 REQUIRED FOR FEMALE
	LAVATORIES:	1 REQUIRED FOR MALE	1 REQUIRED FOR FEMALE
	URINALS:	NO	
	DRINKING FOUNTAINS:	2 PROVIDED	
	PUBLIC ACCESS:	YES	
	UNISEX PERMITTED:	YES	
	MOP SINK:	1 PROVIDED	

STORE INFORMATION | - | 4

ALUM	ALUMINUM	GALV	GALVANIZED	PT	PAINT	U.N.O	UNLESS NOTED OTHERWISE
AFF	ABOVE FINISHED FLOOR	G.C.	GENERAL CONTRACTOR	R	RISER, RADIUS	VCT	VINYL COMPOSITE TILE
BOH	BACK OF THE HOUSE	GR	GRANITE	R.O.	ROUGH OPENING	VERT	VERTICAL
CB	CONCRETE BLOCK	GL	GLASS	REF	REFERENCE DIMENSIONS	VEST	VESTIBULE
	CENTRE LINE	GYP. BD.	GYPSUM WALLBOARD	REQ'D	REQUIRED	V.I.F.	VERIFY IN FIELD
CJ	CONCRETE JOINT	HM	HOLLOW METAL	RV	REVEAL	VWP	VINYL WALL PROTECTION
CG	CORNER GUARD	HOR	HORIZONTAL	REV	REVERSE	W	WIDE
CL	CLOSET	HSS	HOLLOW STEEL SECTION	RM	ROOM	WP	WORKING POINT
CONC	CONCRETE	HT	HEIGHT	S	SINK	W/	WITH
CONT	CONTINUOUS	INT	INTERIOR	S.E.D	SEE ELECTRICAL DRAWINGS	WD	WOOD
CT	CERAMIC TILE	JT	JOINT	S.M.D	SEE MECHANICAL DRAWINGS	XGWB	EXTERIOR GYPSUM BOARD
D	DIAMETER, DRYER	LAM	LAMINATED	SPEC	SPECIFICATION		
DN	DOWN	MAX	MAXIMUM	SQ	SQUARE		
DWG	DRAWING	MECH	MECHANICAL	SQ FT	SQUARE FEET		
(E)	EXISTING	MIN	MINIMUM	SSTL	STAINLESS STEEL		
EL	ELEVATION	MTL	METAL	STL	STEEL		
ELEC	ELECTRICAL	NIC	NOT IN CONTRACT	SIM	SIMILAR		
EP	ELECTRICAL PANEL	NTS	NOT TO SCALE	STRUCT	STRUCTURE, STRUCTURAL		
EQ	EQUAL	O/C	ON CENTRE	TEL	TELEPHONE		
EXT	EXTERIOR	OD	OUTSIDE DIAMETER	THK	THICK, THICKNESS		
FIN	FINISH(ED)	PL	PLASTIC LAMINATE	TYP	TYPICAL		
FL	FLOOR	PLYWD	PLYWOOD	T/O	TOP OF		
F.M.	FURNITURE MANUFACTURER	PRE-FAB	PRE-FABRICATED	T.O.W.	TOP OF WALL		
FT	FOOT	PS	PRESSED STEEL	U/S	UNDERSIDE		
		PRT	PORCELAIN TILE				

ABBREVIATIONS | - | 3

RESPONSIBILITY MATRIX

	N/A	EXISTING	LANDLORD S	LANDLORD I	LANDLORD C	OWNER (ADIDAS) S	OWNER (ADIDAS) I	OWNER (ADIDAS) C	G.C. S	G.C. I	G.C. C	REMARKS
GENERAL CONDITIONS												
PERMIT FEES						●						ARCHITECT TO SUBMIT & G.C. TO PICK UP (U.N.O.)
LANDLORD FEES									●			AS REQUIRED BY LANDLORD
TEMPORARY BARRICADE/WINDOW FILM						●	●	●				G.C. TO COORDINATE VENDOR INSTALLATION
CLEAN UP									●	●	●	DAILY CLEANING W/ (2) FINAL DEEP CLEANINGS: PRIOR AND POST MERCHANDISE BEFORE OPENING
TEMPORARY STORAGE									●			AS NEEDED BY G.C.
TEMPORARY UTILITIES									●			AS REQUIRED BY LANDLORD & TENANT
INSPECTION/COORDINATION									●			
INSURANCE									●			AS REQUIRED BY LANDLORD & TENANT
DUMPSTER/TRASH REMOVAL									●	●	●	AS REQUIRED BY LANDLORD & TENANT
WALL PROTECTION									●	●	●	AT BACKWRAP AFTER FINAL PAINTING
EXISTING CONDITIONS												
DEMOLITION									●	●	●	
CONCRETE												
FLOOR PREPARATION, LEVELING, & PATCHING		●							●	●	●	G.C. RESPONSIBLE FOR MINOR FLOOR PATCHING AS NEEDED
CONCRETE CUTTING & PATCHING									●	●	●	AS REQUIRED FOR PLUMBING & ELECTRICAL WORK
MASONRY												
PATCH/INFILL EXTERIOR MASONRY WALLS		●							●	●	●	AS A RESULT OF NEW/DEMOLISHED EXTERIOR STOREFRONT DOORS/GLAZING
METALS												
STRUCTURAL STEEL		●										
METAL STUDS		●							●	●	●	
DEMISING WALLS		●							●	●	●	
TOILET ROOM PARTITIONS	●											
FURRING @ EXTERIOR MASONRY WALLS		●							●	●	●	
INTERIOR PARTITIONS									●	●	●	
ROOF JOISTS/DECK		●										
WOOD, PLASTICS & COMPOSITES												
BLOCKING, FURRING, & ROUGH CARPENTRY									●	●	●	
WALL BASE									●	●	●	
FINISH CARPENTRY									●	●	●	
ROOF JOISTS/DECK		●										
THERMAL/MOISTURE PROTECTION												
MOISTURE PROTECTION, CAULKING, & SEALANT		●							●	●	●	AT STOREFRONT INFILL AREAS
WALL/ROOF INSULATION		●										
FIREPROOFING		●							●	●	●	
ROOFING		●										
OPENINGS												
WOOD DOORS & FRAMES									●	●	●	FITTING ROOM DOORS
METAL DOORS & FRAMES		●							●	●	●	
GLASS DOOR SYSTEMS									●	●	●	
DOOR LOCKS - FINAL						●		●		●	●	
DOOR LOCKS - CONSTRUCTION CORES									●	●	●	ALL HARDWARE MUST BE PURCHASED THROUGH LOCKSMITH VENDOR ALEN SECURITY
STOREFRONT SYSTEM & GLAZING		●							●	●	●	STOREFRONT INFILLS
SPECIAL DOORS/GRILLES		●										
MIRRORS						●		●	●	●	●	G.C. TO PROVIDE BLOCKING
FINISHES												
DRYWALL									●	●	●	
METAL FURRING									●	●	●	
ACOUSTICAL CEILING ASSEMBLIES									●	●	●	
GWB CEILING ASSEMBLIES									●	●	●	
LINOLEUM FLOORING	●											
RUBBER FLOORING	●											
CERAMIC TILE									●	●	●	
BRAKE METAL									●	●	●	
FLOOR PROTECTION									●	●	●	AS NEEDED AFTER FLOOR FINISHING COMPLETE
PAINT									●	●	●	
CONCRETE: GRIND & POLISH FOR SCI/SLR FIN.									●	●	●	
CONCRETE SEALER IN BOH									●	●	●	
FRP									●	●	●	AT TOILET ROOMS
COURTLINE WALL GRAPHICS - PAINT - BASE BID						●	●	●				
SPECIALTIES												
WHITE BOARDS						●			●	●		
GRAPHIC DISPLAYS						●			●	●		
INTERIOR TACTILE SIGNAGE									●	●	●	AS REQUIRED BY CODE
TOILET ROOM ACCESSORIES									●	●		
CORNER GUARDS									●	●	●	REFER TO FINISH PLAN
FIRE EXTINGUISHERS									●	●	●	AS REQUIRED BY CODE
FITTING ROOM BENCHES						●				●	●	ARRIVE WITH FIXTURE ORDER
METAL LOCKERS						●				●	●	ARRIVE WITH FIXTURE ORDER
FITTING ROOM WALL HOOKS & MIRRORS						●				●	●	ARRIVE WITH FIXTURE ORDER, G.C. TO PROVIDE BLOCKING IN WALL
INTERIOR/EXTERIOR/TOWER SIGNAGE									●	●	●	G.C. TO COORDINATE VENDOR INSTALLATION
SIGNAGE CART						●				●	●	
CATEGORY SIGNAGE						●				●	●	
EQUIPMENT												
OFFICE SAFE										●	●	G.C. TO PURCHASE THROUGH LOCKSMITH VENDOR ALEN SECURITY, RECEIVE SHIPMENT, & SECURE TO WALL
REFRIGERATOR									●			
MICROWAVE									●			
VIDEO & AUDIO EQUIPMENT									●	●	●	
DROP SAFES										●	●	DRILL (4) HOLES AROUND PERIMETER OF SAFE BOTTOM AND BOLT IN PLACE. SMOOTH HEAD OF BOLT FACING OUT, LOCKED IN PLACE ON INSIDE. NO SHARP EDGES. PURCHASE THROUGH LOCKSMITH VENDOR ALEN SECURITY
FURNISHINGS												
SALES FLOOR FIXTURES									●			
STOCKROOM FIXTURES									●	●	●	VENDOR TO INSTALL MOBILE SHELVING, G.C. TO INSTALL ALL OTHER FIXTURES
MILLWORK										●	●	MANAGER'S DESK, RECEIVING DESK, BREAK COUNTER
FIRE SUPPRESSION												
FIRE SUPPRESSION/SPRINKLER SYSTEMS		●								●	●	
LANDLORD REQUIRED SHUT-DOWN FEES										●		
PLUMBING												
WATER COOLER DRINKING FOUNTAIN										●	●	
BOTTLED WATER DISPENSER	●											
MOP SINK		●										
TOILET ROOM FIXTURES		●										
PANTRY SINK										●	●	
HOT WATER HEATER(S)										●	●	
HVAC												
UNITS		●								●	●	
DISTRIBUTION & GRILLES		●								●	●	
CONTROL WIRING & PIPING		●								●	●	
THERMOSTATS & CONTROLS		●								●	●	
CERTIFIED AIR BALANCE REPORT										●		
ELECTRICAL												
GENERAL POWER & INTERNAL DISTRIBUTION		●								●	●	
INCOMING SERVICE FROM METER TO SPACE		●										
LIGHTING FIXTURES						●				●	●	
ROUGH-IN FOR SECURITY DEVICES										●	●	
LOW VOLTAGE WIRING										●	●	
SOUND SYSTEM WIRING & DEVICES						●	●	●			●	
ELECTRONIC SAFETY & SECURITY												
FIRE ALARM SYSTEM		●								●	●	
EAS SYSTEM						●	●	●	●	●	●	WIRING BY G.C., EQUIPMENT INSTALLATION BY VENDOR
RFID												
FOIL SHEILDING						●				●	●	G.C. TO COORDINATE W/ REQUIRED VENDOR
FOIL TAPE						●				●	●	ADIDAS TO SUPPLY, GC TO INSTALL
FOIL PAINT												PAINT TO ONLY BE USED IF FOIL IS UNAVAILABLE OR TO SECURE TO MASONRY WALLS. COORDINATE ADIDAS PRIOR TO PAINTING.

NOTE:
ALL ITEMS DOCUMENTED THROUGHOUT THIS DRAWING SET AND NOT SPECIFICALLY LISTED IN THIS SCHEDULE ARE ASSUMED AS THE GENERAL CONTRACTOR'S SCOPE OF WORK.

REQUIRED VENDOR LIST:

NOTE: ALL VENDORS BELOW TO BE CONTACTED NO LESS THAN 3 WEEKS PRIOR TO ETA. G.C. TO COORDINATE ALL INSTALLATION DATES WITH OWNER'S VENDORS.

IT:
OWNER SUPPLIED
CONTACT: SHANNON GUCA
EMAIL:
SHANNON.GUCA@EXTERNALS.ADIDAS.COM
PHONE: (219) 308-1419

CONTACT:MIKE VERTOLLI
EMAIL: MIKE.VERTOLLI@ADIDAS-GROUP.COM
PHONE: (905) 266-4500

SPEAKERS:
GEN CITY
CONTACT: TBD
EMAIL: TBD@TBD.com
PHONE: tbd

MUSIC SERVICE & PLAYER:
IMAGESOUND
CONTACT: MABEL BITTEL
EMAIL:
MABEL.BITTEL@IMAGESOUND.COM & CLIENTSERVICES@IMAGESOUND.COM
PHONE: (786) 471-2744

SECURITY/LOSS PREVENTION: (DEVICES SUPPLIED BY ADIDAS)
ADIDAS SECURITY OFFICE
CONTACT: DENNIS GLISSON
EMAIL:
DENNIS.GLISSON@ADIDAS-GROUP.com
PHONE: (971) 234-4586

BURGLAR ALARM SYSTEM:
JCI
CONTACT: LISA ALLEN
EMAIL: LISA.ALLEN@JCI.com

EAS/CCTV:
JCI
CONTACT: JASON STEBBINS
EMAIL: JASON.STEBBINS@JCI.com
PHONE: (678) 773-5572

LIGHTING SUPPLIER FOH:
IKIO
CONTACT: SIMRAN KAUR
EMAIL: SKAUR@IKIOLIGHTING.COM
PHONE: (317) 969-3307

MOBILE STOCKROOM SYSTEM & BOH
APPAREL ROD:
MOBILE MEDIA STORAGE
CONTACT: DAWN COUNTRYMAN
EMAIL: DC@MOBILEMEDIASTORAGE.COM
PHONE: (800) 784-808 EXT. 5523

SHOPPER TRACK - SENSORMATIC:
SHOPPERTRAK
CONTACT: SAVANNAH WILLIAMS
EMAIL:
SAVANNAH.I.WILLIAMS-EXT@SHOPPERTRAK.COM
PHONE: (312) 529-5319

LOCKSMITH/DOOR HARDWARE/SAFE:
ALEN SECURITY
CONTACT: DOUG CONROY
EMAIL: DCONROY@ALENSECURITY.COM
PHONE: (609) 578-0066

RFID FOIL & BOH TV:
ZONES
CONTACT: LOREE CARVER
EMAIL: LOREE.CARVER@ZONES.COM
PHONE: (425) 584-7429

WINDOW BARRICADE & GRAPHICS:
BOSTON RETAIL SOLUTIONS
CONTACT: CARLA DIBENEDETTO
EMAIL: CDIBENEDETTO@BOSTONRS.COM
PHONE: (516) 255-8412

CONTACT: MOON JANOCH
EMAIL: TJANOCH@BOSTONRS.COM
PHONE: (772) 539-9774

NOTE:
G.C. TO PROVIDE SAMPLES FOR ALL CONTRACTOR PROVIDED FINISHES TO ADIDAS AND ARCHITECT BY COMPLETION OF DEMOLITION. ADIDAS AND ARCHITECT TO REVIEW AND PROVIDE APPROVAL PRIOR TO PROCUREMENT.

SEND ALL SAMPLES TO THE FOLLOWING ADDRESS:

ADIDAS AMERICA, INC.
ATTN: ALEX DYKES
6650 N. BASIN AVE.
SUITE L, DOCK 23
PORTLAND, OR 97217

RESPONSIBILITY SCHEDULE | - | 2

DEFERRED SUBMITTAL LIST:
1. FIRE SPRINKLER SYSTEM MODIFICATIONS
2. FIRE ALARM SYSTEM MODIFICATIONS

DRAWING LIST

DRAWING NO.	TITLE	REVISIONS 1	2	3	4	5	6
ARCHITECTURAL							
A100	ABBREVIATION LEGEND, DRAWING LIST, & PROJECT INFORMATION						
A100A	RESPONSIBILITY SCHEDULES & SIGNAGE						
A101	DOOR & HARDWARE SCHEDULES						
A102	SPECIFICATIONS						
A103	SPECIFICATIONS						
A104	SPECIFICATIONS						
PLANS							
A200	LIFE AND SAFETY PLAN						
A200A	DEMOLITION FLOOR PLAN						
A200B	DEMOLITION CEILING PLAN						
A201	CONSTRUCTION PLAN & WALL TYPES						
A202A	FIXTURE PLAN						
A202B	FIXTURE SCHEDULE						
A203	FINISH PLAN & DETAILS						
A204A	POWER AND COMMUNICATION PLAN						
A205	REFLECTED CEILING PLAN						
A206	WOOD BLOCKING PLAN						
DETAILS & SECTIONS							
A300A	INTERIOR ELEVATIONS						
A300B	INTERIOR ELEVATIONS- WALL COURT LINES						
A300C	INTERIOR ELEVATIONS- FIXTURES						
A301A	INTERIOR ELEVATIONS						
A301B	INTERIOR ELEVATIONS- WALL COURT LINES						
A301C	INTERIOR ELEVATIONS- FIXTURES						
A302A	INTERIOR ELEVATIONS						
A302B	INTERIOR ELEVATIONS- WALL COURT LINES						
A302C	INTERIOR ELEVATIONS- FIXTURES						
A310	FITTING ROOM PLAN, ELEVATIONS & DETAILS						
A310A	FITTING ROOM PLAN, ELEVATIONS & DETAILS						
A320	WASHROOM DETAILS & PLUMBING SCHEDULE						
A330	NON-SALES AREA DETAILS						
A331	NON-SALES AREA DETAILS						
STOREFRONT							
A400	DEMOLITION, STOREFRONT ELEVATION & PLAN DETAIL						
A400A	DEMOLITION, STOREFRONT ELEVATION & PLAN DETAIL						
A400B	DEMOLITION, STOREFRONT ELEVATION & PLAN DETAIL						
A400C	DEMOLITION, STOREFRONT ELEVATION & PLAN DETAIL						
ELECTRICAL							
E110	POWER PLAN						
E111	POWER PLAN						
E112	POWER PLAN DETAILS AND ENLARGED PLANS						
E120	LIGHTING PLAN						
E121	LIGHTING DETAILS						
E122	LIGHTING COMPLIANCE FORMS						
E130	ELECTRICAL SCHEDULES AND SCHEMATICS						
E140	ELECTRICAL SPECIFICATIONS						
MECHANICAL							
M110	MECHANICAL PLAN						
M111	MECHANICAL PLAN						
M120	MECHANICAL SCHEDULES						
M130	MECHANICAL SPECIFICATIONS						
P110	PLUMBING PLAN						
SP110	SPRINKLER PLAN						
STRUCTURAL							
S110	STRUCTURAL FRAMING PLAN						
S210	STRUCTURAL ROOF PLAN						

No.	Revisions	Date
3	ISSUED FOR PERMIT	10 NOV 2026
2	ISSUED FOR LANDLORD REVIEW	29 OCT 2026
1	ISSUED FOR CLIENT REVIEW	15 OCT 2026

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CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB.

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NORTH GEORGIA PREMIUM OUTLETS
800 GEORGIA 400 S, DAWSONVILLE, GA, 30534, US

N
CONSTRUCTION NORTH

PROVINCE OF ONTARIO — BRENT EDWARDS — 2026-11-10

Drawn: E.G	Scale: AS NOTED
Checked: S.W.	Date: OCT 2026

Title:
ABBREVIATION LEGEND,
DRAWING LIST & PROJECT INFORMATION

Project No: 26-108
Drawing No: **A100**

NOT USED | - | 9

NOT USED | - | 8

NOT USED | - | 7

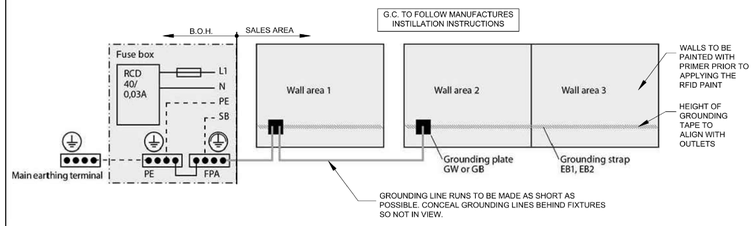
NOT USED | - | 6

NOT USED | - | 5

TRENCH DETAIL | 1"=1'-0" | 4



RFID GROUNDING DETAIL | - | 3



IT TIMELINES + RESPONSIBILITY SCHEDULE | - | 2

Responsibility	Description	Minimum Timeline to Turnover
NAM Tech NSO	IT Rack Delivery Date	63 days prior to turnover
General Contractor	Plywood installation at the demarcation location	60 days prior to turnover
General Contractor	Permanent power to the IT Room/Office	45 days prior to turnover
General Contractor	IT rack installation date with final flooring spec completed	30 days prior to turnover
NAM Tech NSO	AT&T TTU + AP configurations + Zones (IT vendor) start staging hardware equipment	30 days prior to turnover
General Contractor	All color coded CAT6 cable has been pulled through conduit throughout the entire store, ready for Zones terminations to begin.	30 days prior to turnover
Loss Prevention	CCTV / LP element install date	21 days prior to turnover
General Contractor	Cash desk installed and power/data ran to cash desk	10 business days prior to turnover
General Contractor	Digital needs – Fixture poles installed for digital elements	14 days prior to turnover
General Contractor	Receiving Desk - Furnished and Installed with power available/terminated and data stubouts ready for terminations	14 days prior to turnover
Store Development / General Contractor	Construction Turnover Date	0 Days
Store Development	Grand/ Store Opening Date:	7 days past Turnover

LOW VOLTAGE RESPONSIBILITY SCHEUDLE | - | 1

LOW VOLTAGE	N/A	EXIST/ NIC	ADIDAS IT S	ADIDAS IT I	ADIDAS IT C	ADIDAS VEND. S	ADIDAS VEND. I	ADIDAS VEND. C	G.C. S	G.C. I	G.C. C	REMARKS
TEL./DATA CONDUIT TO SPACE									●	●	●	IF REQ'D. PROVIDE CONDUIT FROM LL TELECOM RM TO IT RACK. CONFIRM CONDUIT SIZE W/ ADIDAS.
PHONE & DATA PORTS/RECEPTACLES									●	●	●	
PHONE & DATA - CABLE RUN									●	●	●	ALL PHONES VOIP, ONLY REQUIRE ONE (1) CAT 6
PHONE & DATA - CABLE TERMINATION			●	●	●							
SECURITY / EAS SYSTEMS - EQUIPMENT						●	●	●				
SECURITY / EAS SYSTEMS - CABLE RUN									●	●	●	SENSORMATIC JOHNSON CONTROLS, SHERYL MACK SHERYL.MACK@JCI.COM (C)614-578-2599
SECURITY / EAS SYSTEMS - CABLE TERMINATION						●	●	●				REFER TO NOTE 18
SOUND SYSTEM - SPEAKERS						●	●	●				PLAYNETWORK, JEFF ROMAN
SOUND SYSTEM - SPEAKER CABLE RUN						●	●	●				JEFF.ROMAN@MOODMEDIA.COM
SOUND SYSTEM - CONDUIT (SALES AREA)									●	●	●	(O)425-629-2760 (C)206-225-9224
SOUND SYSTEM - SPEAKER CABLE TERMINATION						●	●	●				*GC. TO COORDINATE EXACT SPEAKER LOCATIONS WITH VENDOR FOR CONDUIT RUNS AT SALES AREA., REFER TO NOTE 18
SOUND SYSTEM - MEDIA PLAYER						●				●		IMAGE SOUND TO SHIP MEDIA PLAYER TO SITE.
DIGITAL- EQUIPMENT						●	●	●				
DIGITAL- CABLE RUN									●	●	●	INCL. DIGITAL SCREEN/ BREAKROOM TV; CONFIRM DIGITAL VENDOR W/ ADIDAS.
DIGITAL- CABLE TERMINATION						●	●	●				
TRAFFIC COUNTER - EQUIPMENT						●	●	●				SHOPPERTRAK, ASHLEY MASCIOLA
TRAFFIC COUNTER - CABLE RUN									●	●	●	AMASCIOLA@SHOPPERTRAK.COM
TRAFFIC COUNTER - CABLE TERMINATION						●	●	●				(O)312-529-5457 (C)312-802-5748, REFER TO NOTE 18
WIRELESS ACCESS POINT (WAP) & EQUIPMENT			●	●	●							REFER TO NOTE 18
WIRELESS ACCESS POINT - CABLE RUN									●	●	●	
WIRELESS ACCESS POINT - CABLE TERMINATION						●	●	●				TERMINATION BY ZONES (SEE RFID)
POS- EQUIPMENT									●	●	●	
POS- CABLE RUN			●	●	●							
POS- CABLE TERMINATION						●	●	●				TERMINATION BY ZONES (SEE RFID)
IT RACK									●	●	●	GC TO INSTALL FRT PLY, POWER+DATA PER PLANS
LOW VOLTAGE CONDUIT		●										
RFID FOIL									●	●	●	
RFID READERS									●	●	●	ZONES, LOREE CARVER,
RFID- CABLE RUN									●	●	●	LOREE.CARVER@ZONES.COM , (O)253-205
RFID- TERMINATION									●	●	●	
CARD READER WIRELESS DEVICE									●	●	●	ALEN SECURITY
GATEWAY ACCESS POINT DEVICE (AP)		●							●	●	●	ALEN SECURITY. GC TO PROVIDE PENDANT J-BOX
DOOR CONTROL PANEL (DCP)	●											ALEN SECURITY. GC TO PROVIDE DUPLEX AT 60
RUN WIRES AP TO DCP						●	●	●				
TERMINATE WIRE AP TO DCP									●	●	●	ALEN SECURITY
RUN WIRES CARD READER TO DCP (EGRESS DOOR FAIL SAFE ONLY)						●	●	●				
TERMINATE WIRES CARD READER TO DCP (EGRESS DOOR FAIL SAFE ONLY)						●	●	●	●	●	●	ALEN SECURITY

1. GC TO PROVIDE ALL LOW VOLTAGE CATE WIRING, AND TENANT VENDOR TO TERMINATE.
2. GC TO FIX CAT 6 CABLES TO BE COLOR CODED AS NOTED: WHITE FOR NETWORK, BLUE FOR DIGITAL, GREY FOR LP.
3. AT FOH AREAS CABLES TO BE INSTALLED IN CONDUIT
4. AT FOH, EXISTING CONDUIT TO BE PAINTED TO MATCH CEILING COLOR.ALL NEW CONDUIT TO REMAIN RAW METAL.
5. ALL CABLES ARE TO BE INSTALLED WITHOUT CRIMPING OR USING PLASTIC TIES TO NEGATE DAMAGE TO CAT6 .
6. ALL CABLES ARE TO BE INSTALLED WITH 4'-0" OF COILED CABLE AT EACH END, U.O.N.
7. CASHWRAP CABLES TO BE INSTALLED WITH 12' SLACK AT STUB UP POINT.
8. ALL CABLES ARE TO BE LABELED PROPERLY AT EACH END TO IDENTIFY EACH. LABELS TO BE NOTED AS 'NETWORK 1', 'DIGITAL 1', 'LP 1' AND ONWARD.
9. ALL LINES ARE TO BE TESTED AND FUNCTIONING AT THE TIME OF TURNOVER TO OWNER'S VENDOR .
10. G.C. TO CONFIRM W/ VENDOR AT BEGINNING OF JOB THAT THEY HAVE PULLED A LOW VOLTAGE PERMIT. A SEPARATE LOW VOLTAGE PERMIT IS REQUIRED FOR LOW VOLTAGE WIRING INSTALLATION.
11. ALL SALES AREA CAMERAS SHALL BE PENDANT MOUNTED. REFER TO DETAIL 3/A202.
12. ALL J-BOXES TO BE 4" SQUARE. GC TO COORDINATE MOUNTING HEIGHT WITH RESPECTIVE VENDOR.
13. ALARM PANEL SHALL BE MOUNTED IN MANAGERS OFFICE. CONFIRM EXACT PLACEMENT WITH ADIDAS.
14. GC TO COORDINATE ALL WORK WITH TENANT SECURITY DEPARTMENT AND ADIDAS CONSTRUCTION MANAGER.
15. WALL MOUNTED CAMERA BACKBOXES SHALL BE FLUSH 4" J-BOX.
16. PROVIDE ALL CONDUIT WITH A 3/4 "EMT CONNECTOR AT CAMERA AND CABLE DROPS FOR CCTV
17. G.C. TO ATTACH ALL CEILING POWER/DATA OUTLETS TO TOP OF NEAREST ADJACENT UNISTUT.
18. J-BOX DROPS REQUIRED FOR TRAFFIC COUNTER, SPEAKERS, CAMERAS, WAPS AND SENSORMATIC EAS DEVICES. G.C. TO COORDINATE WITH RESPECTIVE VENDORS.

No.	Revisions	Date
3	ISSUED FOR PERMIT	10 NOV 2026
2	ISSUED FOR LANDLORD REVIEW	29 OCT 2026
1	ISSUED FOR CLIENT REVIEW	16 OCT 2026

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N
CONSTRUCTION NORTH

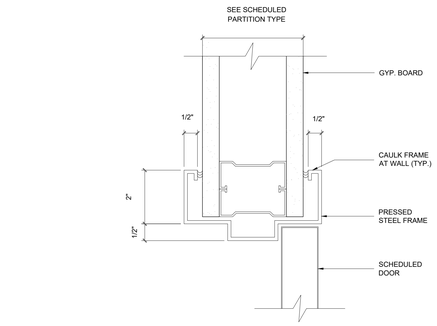
PROFESSIONAL ENGINEER — KAEAN C. ESLAMIEH — PROVINCE OF ONTARIO

2026-11-10

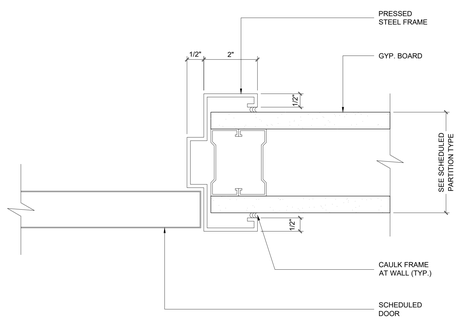
Drawn: E.G.	Scale: AS NOTED
Checked: S.W.	Date: OCT 2026

Title: RESPONSIBILITY SCHEDULE & SIGNAGE

Project No.: 26-108
Drawing No.: **A100A**



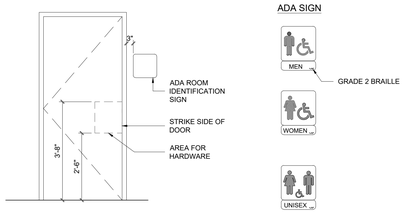
PRESSED STEEL HEADER DETAIL



PRESSED STEEL H.M. FRAME DETAIL

DOOR FRAME TYPE 'A'

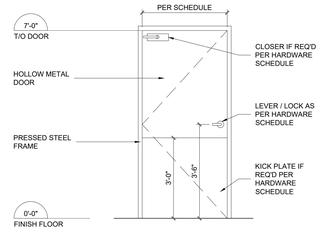
DOOR FRAME TYPE — 3" = 1'-0" — 9



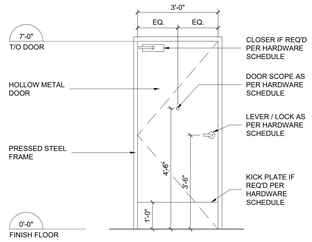
NOTES
1. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND.
2. IDENTIFICATION SYMBOLS ARE TO BE CENTERED ON DOOR 60" ABOVE FLOOR AND ARE TO BE DISTINCTLY DIFFERENT FROM THE DOOR IN COLOUR AND CONTRAST.
3. PROVIDE ROOM IDENTIFICATION SIGN ON LATCH SIDE OF DOOR.
4. LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32" MIN., SHALL BE A MIN. OF 5/8" HIGH, A MAX. OF 2" HIGH, AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY CONTRACTED GRADE 2 BRAILLE.

RESTROOM SIGNAGE — - — 8

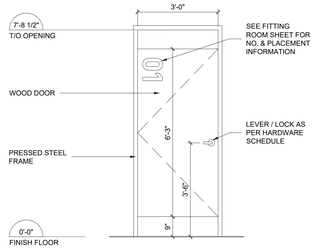
NOT USED — 1/2" - 1'-0" — 7



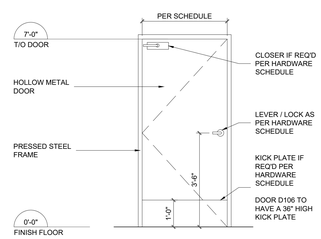
DOOR TYPE 5 — 1/2" = 1'-0" — 6



DOOR TYPE 4 — 1/2" = 1'-0" — 5



DOOR TYPE 3 — 1/2" = 1'-0" — 4



DOOR TYPE 2 — -- — 3

DOOR #	LOCATION	DOOR TYPE	DOOR				FRAME		HARDWARE	REMARKS
			MATERIAL	WIDTH	HEIGHT	FINISH	MATERIAL	FINISH	TYPE	
D101	STOREFRONT ENTRANCE	EXISTING								
D102	STOREFRONT DOOR	EXISTING								
D103 - D105	FITTING ROOMS	3	WOOD	3'-0"	6'-3"	P-2	H.M.	P-2	A	INSTALL NEW DOOR NUMBERS. SEE A310 FOR NUMBERING AND PLACEMENT INFORMATION.
D106	(E) SALES AREA / BOH STOCKROOM VESTIBULE	EX	EX	EX	EX	EX	EX	EX	EX	
D107	(E) BOH STOCKROOM / VESTIBULE	EX	EX	EX	EX	EX	EX	EX	EX	
D108	VM CLOSET	EX	EX	EX	EX	EX	EX	EX	EX	
D109 - D110	RESTROOM #1 & #2	2	H.M.	3'-0"	7'-0"	P-3	H.M.	P-3	D	
D111	MANAGER'S OFFICE	4	H.M.	3'-0"	7'-0"	P-3	H.M.	P-3	B	
D112	SALES AREA / BOH DOOR	5	H.M.	3'-0"	7'-0"	P-1 ON SALES SIDE / P-3 ON BOH SIDE	H.M.	P-1 ON SALES SIDE / P-3 ON BOH SIDE	C	PROVIDE RODENT BLOCKING SWEEP ON BOTTOM EDGE OF DOOR.
D113, D114	(E) RECEIVING AREA/BOH	EX	EX	EX	EX	EX	EX	EX	EX	

DOOR NOTES:
1. ALL EGRESS/ EXIT DOORS SHALL BE READILY OPERABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR WITHOUT REQUIRING THE ABILITY TO GRASP THE DOOR HARDWARE.
2. ANY DOOR THAT IS PART OF THE EXIT SYSTEM IS TO BE PROVIDED WITH A PERMANENT VISIBLE, DURABLE SIGN ON ITS HEADER FRAME STATING " THIS DOOR TO REMAIN UNLOCKED WHENEVER THIS BUILDING IS OCCUPIED".
3. ANY DOOR THAT IS PART OF THE EXIT SYSTEM IS TO BE PROVIDED WITH A TACTILE EXIT SIGN
4. ALL ACCESSIBLE ENTRANCES SHALL BE IDENTIFIED WITH A MINIMUM OF ONE INTERNATIONAL SYMBOL OF ACCESSIBILITY, TO BE VISIBLE TO PERSONS ALONG APPROACHING CIRCULATION.
5. DOOR ASSEMBLIES PROVIDING ACCESS SHALL OPERATE WHEN A FORCE OF NOT MORE THAN 38N FOR EXTERIOR DOORS AND NOT MORE THAN 22N FOR INTERIOR DOORS IS APPLIED AT THE HANDLE, PUSH PLATE OR LATCH-RELEASING DEVICE, EXCEPT FOR LOCATIONS WHERE GREATER PRESSURES ARE REQUIRED TO ENSURE PROPER BUILDING FUNCTION.
6. GENERAL CONTRACTOR TO VERIFY PROPER FUNCTIONING, LATCHING, LOCKING, AND SEALING (WHERE APPLICABLE) OF ALL EXISTING PERSONNEL AND ROLL-UP DOORS. GENERAL CONTRACTOR IS TO SERVICE / REPAIR ANY DOORS NOT IN PROPER OPERATING CONDITION.
7. CONSTRUCTION CORE LOCKSETS, PURCHASED THROUGH REQUIRED OWNER'S VENDOR AND INSTALLED BY THE GC. FINAL LOCKSET CORES TO BE SUPPLIED AND INSTALLED BY OWNER.

DOOR SCHEDULE — - — 2

	LOCATION	ITEM	DESCRIPTION	FINISH	MANUFACTURER	SUPP. BY		INSTALL BY		REMARKS
						G.C.	TEN.	G.C.	TEN.	
SET 'A'	FITTING ROOMS (D103 - D105)	HINGES	2 (QTY.) 4 1/2"X4 1/2", 2060R, SPRING HINGE (TOP & BOTTOM HINGE)	26D	STANLEY	●		●		
		HINGE	4 1/2"X4 1/2", F179 (MIDDLE HINGE)	26D	STANLEY	●		●		
		STOP	WALL BUMPER 411 R-W	32D	IVES	●		●		
		LEVER	GRADE 1 STOREROOM (NON I CORE)	26D		●		●		ALL FITTING ROOM DOORS TO HAVE ONE MASTER KEY WITH 10 COPIES
SET 'B'	MANAGER'S OFFICE (D111)	HINGES	3 (QTY.) 4 1/2" X 4 1/2", 2060	26D	STANLEY	●		●		
		LEVER	GRADE 1 STOREROOM (WITH I CORE)	26D	*CAL ROYAL	●		●		
		CLOSER	MODEL 4041	AL	LCN	●		●		
		SCOPE	2 (QTY.) DOOR SCOPES	AL.S		●		●		
		STOP	WALL BUMPER 411 R-W	32D	IVES	●		●		
SET 'C'	SALES AREA/ BOH DOOR (D112)	HINGES	3 (QTY.) 4 1/2" X 4 1/2", 2060	26D	STANLEY	●		●		
		LEVER	PASSAGE TYPE		STANLEY	●		●		
		CLOSER	MODEL 4041	AL	LCN	●		●		
		STOP	WALL BUMPER 411 R-W	32D	IVES	●		●		
		KICKPLATE	36"X34" 32D (PRE-ASSEMBLIED BY ELIASON)	32D	ELIASON	●		●		
SET 'D'	RESTROOM (D109 & D110)	HINGES	3 (QTY.) 4 1/2"X4 1/2", FBB179 NRP 180° HINGE	26D	STANLEY	●		●		
		LEVER	GRADE 1 PRIVACY	26D		●		●		
		STOP	WALL BUMPER 411 R-W	32D	IVES	●		●		
		KICKPLATE	12"X34"	3D	ROCKWOOD	●		●		

NOTE:
IF DOUBLE DOORS HAVE MULTIPLE LOCKS ALL HOUSINGS EXCEPT FOR THE MAIN SHALL BE BLANK.
G.C. TO CONFIRM THAT EXTERIOR DOORS WILL ACCOMMODATE LARGE FORMAT CORE FOR ALEN SECURITY.

HARDWARE NOTES:
1. ALL DOOR HARDWARE TO BE LEVER TYPE TO MEET ADA REQUIREMENTS.
2. USE WELDED DOOR BUCKS ONLY. DO NOT USE KNOCK DOWN TYPE.
3. DOOR SCOPE TO BE INSTALLED AT 54" A.F.F.
4. DOOR LATCHES AND LOCKSETS SHALL BE BELOW 48", TYP.
5. ALL DOORS TO BE FITTED WITH DOOR SILENCERS.

HARDWARE SCHEDULE — - — 1

No.	Revisions	Date
3	ISSUED FOR PERMIT	10 NOV 2026
2	ISSUED FOR LANDLORD REVIEW	29 OCT 2026
1	ISSUED FOR CLIENT REVIEW	15 OCT 2026

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NORTH GEORGIA PREMIUM OUTLETS
800 GEORGIA 400 S, DAWSONVILLE, GA, 30534, US

N
CONSTRUCTION NORTH

2026-11-10

Drawn: MN	Scale: AS NOTED
Checked: S.W.	Date: OCT 2026

Title: DOOR & HARDWARE SCHEDULES

Project No.: 26-108
Drawing No.: **A101A**

INSTRUCTION TO BIDDERS

1. LOCATION OF THE SITE:

ADIDAS - NORTH GEORGIA PREMIUM OUTLETS
800 GEORGIA 400 S
DAWSONVILLE, GA, 30534

2. OWNER'S NAME AND ADDRESS:

ADIDAS
5055 N. GREELY AVE
PORTLAND OREGON 97217
USA
CONTACT: DEJA MEACHAM
EMAIL: Deja.Meacham@adidas.com
PHONE: (833) 998-5826

3. SITE VISIT:
BEFORE SUBMITTING A TENDER, THE BIDDERS MUST EXAMINE THE SITE AND CONDITIONS LIKELY TO AFFECT WORK AND OBTAIN CONTRACTOR'S RULES AND REGULATIONS MANUAL STATED BY THE LANDLORD FOR AND ANY INFORMATION THAT MAY BE NECESSARY FOR THE PROPER EXECUTION OF THE NO AFTER CLAIM WILL BE ALLOWED DUE TO LACK OF THIS PRECAUTION.

4. INQUIRIES:
DIRECT ALL INQUIRIES IN WRITING DURING BIDDING PERIOD TO:

1. ARCHITECTURAL:
SOHA WADOOD
CORE ARCHITECTS INC.
PHONE: (416) 343-0400 EXT. 215
PHONF: (416) 343-0401

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DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS

SECTION 007200 - GENERAL CONDITIONS

A. GENERAL CONDITIONS: THE OWNERS STANDARD GENERAL CONDITIONS FOR CONSTRUCTION IS INCORPORATED INTO THE CONTROLLING CONTRACT FOR CONSTRUCTION.
1. A COPY WILL BE MADE AVAILABLE BY OWNER UPON REQUEST

SECTION 007300 - SUPPLEMENTARY CONDITIONS

A. CONDITIONS AND REQUIREMENTS: GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS AND DIVISION I - GENERAL REQUIREMENTS CONTAIN INFORMATION NECESSARY FOR COMPLETION OF EVERY PART OF PROJECT.

B. DIVISION I: WHERE PROVISIONS OF GENERAL CONDITIONS RELATE TO PROJECT ADMINISTRATION OR WORK-RELATED REQUIREMENTS OF THE CONTRACT, THOSE PARAGRAPHS ARE EXPANDED IN DIVISION 1.

C. MISCELLANEOUS DEFINITIONS.
1. APPROVED: REQUIRES WRITTEN ACTION BY OWNER'S PROJECT MANAGER AS DOES TERMS SUCH AS DIRECTED, SELECTED, REQUIRED, ORDERED, DESIGNATED, ACCEPTED, ACCEPTABLE, AND SATISFACTORY.

2. FURNISH: SUPPLY AND DELIVER TO PROJECT, UNLESS OTHERWISE STATED IN GREATER DETAIL.

3. INSTALL: OPERATIONS AT PROJECT, FROM INSPECTING TO UNLOADING, TO COMPLETION IN PLACE, READY FOR INTENDED USE.

4. PROVIDE: FURNISH AND INSTALL, COMPLETE AND READY FOR INTENDED USE, UNLESS OTHERWISE STATED IN GREATER DETAIL.

DIVISION 01 - GENERAL REQUIREMENTS

SECTION 011100 - SUMMARY OF WORK

A. SCOPE: PROJECT CONSISTS OF CONSTRUCTION OF THE BATH & BODY WORKS AND/OR WHITE BARN CANDLE STORE AS INDICATED IN CONTRACT DOCUMENTS.
1. ITEMS NOTED 'NIC' (NOT IN CONTRACT) WILL BE FURNISHED AND INSTALLED BY OWNER OR UNDER SEPARATE CONTRACT.

2. HAZARDOUS MATERIALS: NOT IN CONTRACT; OWNER WILL PROVIDE FOR HANDLING OF HAZARDOUS MATERIALS UNDER SEPARATE CONTRACT PRIOR TO THIS PROJECT. IF HAZARDOUS MATERIALS ARE SUSPECTED, NOTIFY OWNER IMMEDIATELY.

B. WORK SEQUENCE: COORDINATE CONSTRUCTION SCHEDULE, OPERATIONS AND USE OF PREMISES WITH BUILDING MANAGEMENT.

C. CONTRACTOR USE OF PREMISES: LIMIT TO AREAS INDICATED ON DRAWINGS AND AS SPECIFIED, LIMIT ACCESS AS DIRECTED BY OWNER.

D. LINES AND LEVELS ENGINEERING: ESTABLISH LINES AND LEVELS BY USE OF RECOGNIZED ENGINEERING PRACTICES. LOCATED AND PROTECT CONTROL AND REFERENCE POINTS.

E. REGULATORY REQUIREMENTS: PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH APPLICABLE CODES. COMPLY WITH CODE REQUIREMENTS FOR CONSTRUCTION. INFORM ARCHITECT OF DISCREPANCIES OBSERVED OR NOTED BY OTHERS.

F. STANDARDS: COMPLY WITH STANDARDS REFERENCED EXCEPT WHERE MORE RIGID REQUIREMENTS ARE REQUIRED BY CODE. DATE OF STANDARD IS THAT IN EFFECT AS OF DATE DOCUMENTS ARE ISSUED, EXCEPT WHEN SPECIFIC DATE IS SPECIFIED.

G. OWNER FURNISHED, CONTRACTOR INSTALLED ITEMS: OWNER WILL ARRANGE FOR AND PAY FOR PRODUCT AS INDICATED ON DRAWINGS TO BE DELIVERED TO PROJECT SITE FOR CONTRACTOR INSTALLATION.
1. CONTRACTOR SHALL INSPECT, RECEIVE, UNLOAD, STORE, INSTALL AND FINISH AS DIRECTED.

H. SUPERINTENDENT SHALL REMAIN ON JOBSITE THROUGH STORE OPENING & COMPLETION OF PUNCH-LIST.

SECTION 013000 - ADMINISTRATIVE REQUIREMENTS

A. PROCEDURES: CONTRACTOR SHALL REVIEW AND APPROVED SUBMITTALS PRIOR TO SUBMITTING TO OWNER'S PROJECT MANAGER; INFORM OWNER'S PROJECT MANAGER IN WRITING AT TIME OF SUBMISSION OF ANY PROPOSED DEVIATION FROM CONTRACT DOCUMENTS.
1. SUBMITTAL BY CONTRACTOR REPRESENTS THAT FIELD MEASUREMENTS, FIELD CONSTRUCTION CRITERIA, MATERIALS, CATALOG NUMBERS AND SIMILAR DATA HAVE BEEN DETERMINED AND VERIFIED BY CONTRACTOR.

B. SHOP DRAWINGS: SUBMIT ONE REPRODUCIBLE AND TWO PRINTS; PROVIDE FOR CUSTOM PRODUCTS AND PRODUCTS NOT FULLY IDENTIFIED BY PRODUCT DATA.

C. PRODUCT DATA: SUBMIT NUMBER REQUIRED BY CONTRACTOR PLUS TWO FOR OWNER'S PROJECT MANAGE. INDICATE ITEM TO BE USED WHERE DATA FOR MORE THAN ONE PRODUCT OR OPTION IS INCLUDED; PROVIDE FOR EACH STOCK MANUFACTURED ITEM.

D. MANUFACTURER'S CERTIFICATES: PROVIDE TWO.

E. COORDINATION: COORDINATE USE OF PREMISES AND ACCESS TO SITE UNDER DIRECTION OF OWNER; COORDINATE WORK TO ASSURE EFFICIENT AND ORDERLY SEQUENCE OF INSTALLATION OF CONSTRUCTION ELEMENTS.
1. MAKE PROVISIONS FOR OWNER INSTALLED ITEMS AND FOR SEPARATE CONTRACTS.

2. VERIFY CHARACTERISTICS OF INTERRELATED OPERATING EQUIPMENT ARE COMPATIBLE; COORDINATE WORK HAVING INTERDEPENDENT RESPONSIBILITIES FOR INSTALLING, CONNECTION TO, AND PLACING SUCH EQUIPMENT IN SERVICE.

3. COORDINATE SPACE REQUIREMENTS AND INSTALLATION OF MECHANICAL AND ELECTRICAL WORK; CONCEAL PIPES, DUCTS, AND WIRING IN FINISHED AREA; COORDINATE LOCATIONS OF FIXTURES AND OUTLETS WITH FINISHES.

SECTION 014000 - QUALITY REQUIREMENTS

A. GENERAL QUALITY CONTROL: MAINTAIN QUALITY CONTROL OVER SUPPLIERS, MANUFACTURERS, PRODUCTS, SERVICES, SITE CONDITIONS, AND WORKMANSHIP, TO PRODUCE WORK OF SPECIFIED QUALITY.

B. MANUFACTURER'S FIELD SERVICES: WHEN SPECIFIED IN RESPECTIVE SPECIFICATION SECTIONS, REQUIRE MANUFACTURER OR SUPPLIER TO HAVE QUALIFIED PERSONNEL PROVIDE ON-SITE OBSERVATIONS AND RECOMMENDATIONS.
1. REPRESENTATIVE SHALL:
   a. OBSERVE FIELD CONDITIONS, INCLUDING CONDITIONS OF SURFACES. OBSERVE QUALITY OF WORKMANSHIP AND METHODS OF INSTALLATION.
   b. PROVIDE RECOMMENDATIONS FOR INSTALLATION AND WORKMANSHIP.
   c. WHERE REQUIRED, START, TEST, AND ADJUST EQUIPMENT AS APPLICABLE.
   d. SUBMIT WRITTEN REPORT TO OWNER'S PROJECT MANAGER OF OBSERVATIONS.

C. MOCK-UPS: CONSTRUCT FIELD SAMPLES AND MOCK-UPS ON SITE AS REQUIRED.

D. TESTING LABORATORY SERVICES: TESTING SHALL BE BY AN APPROVED TESTING LABORATORY, AS REQUIRED BY SPECIFICATIONS AND BY APPLICABLE CODES.
1. TESTING REQUIRED WILL BE PAID FOR BY OWNER EXCEPT RETESTING WILL BE PAID FOR BY CONTRACTOR WHERE REQUIRED BY FAILURE TO MEET ORIGINAL TESTS.

2. CONTRACTOR SHALL FURNISH MATERIALS AND SAMPLES FOR TESTS AND SHALL ASSIST TESTING LABORATORY AS REQUESTED.

SECTION 015000 - TEMPORARY FACILITIES AND CONTROLS

A. GENERAL: PROVIDE TEMPORARY CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS AS REQUIRED TO COMPLETE PROJECT IN ACCORDANCE WITH CONTRACT DOCUMENTS AND TO CONFORM WITH REQUIREMENTS OF APPLICABLE AUTHORITIES.
1. CONTRACT GOVERNING AUTHORITIES TO ESTABLISH EXTENT OF TEMPORARY FACILITIES AND TEMPORARY CONTROLS REQUIRED BY AUTHORITIES.

B. TEMPORARY POWER: PROVIDE POWER SERVICE AND LIGHTING REQUIRED FOR OPERATIONS, WITH BRANCH WIRING AND DISTRIBUTION BOXES LOCATED TO ALLOW SERVICE AND LIGHTING BY MEANS OF CONSTRUCTION-TYPE POWER CORDS.

C. TEMPORARY LIGHTING: MINIMUM ILLUMINATION SHALL BE 5 FOOT - CANDLES FOR GENERAL CONSTRUCTION LIGHTING PER OSHA STANDARDS FOR CONSTRUCTION.

D. TEMPORARY WATER AND SANITARY SERVICES. PROVIDE AND MAINTAIN REQUIRED DRINKING WATER AND SANITARY FACILITIES WITH ENCLOSURES.

E. NOISE, DUST, AND POLLUTION CONTROL: PROVIDE MATERIALS AND EQUIPMENT NECESSARY TO COMPLY WITH LOCAL REQUIREMENTS FOR NOISE, DUST, AND POLLUTION CONTROL.

PH. BARRIERS: PROVIDE AS REQUIRED TO PROTECT ADJACENT PROPERTIES FROM DAMAGE FROM OPERATIONS; AND AS REQUIRED BY GOVERNING AUTHORITIES.
1. BARRICADE AS REQUIRED BY CITY OR LANDLORD, IN ACCORDANCE WITH ALL CODES, CRITERIA AND DETAILS.

2. SECURITY: MAINTAIN SITE AND MATERIALS SECURE DURING CONSTRUCTION PERIOD.

F. CLEANING: CONTROL ACCUMULATION OF WASTE MATERIALS AND RUBBISH; DISPOSE OF OFF-SITE AT INTERVALS AND APPROVED BY OWNER'S PROJECT MANAGER AND ACCEPTABLE TO APPLICABLE AUTHORITIES.

G. SIGNS: SUBJECT TO APPROVAL OF OWNER'S PROJECT MANAGER.

H. STORAGE: LIMIT ON-SITE STORAGE TO AREAS DESIGNATED FOR CONSTRUCTION OPERATIONS AND APPROVED IN WRITING IN ADVANCE BY OWNER; PROVIDE ADDITIONAL WEATHER-TIGHT, SECURED OFF-SITE STORAGE AS REQUIRED.

I. REMOVAL AND CLEANING: REMOVE CONSTRUCTION FACILITIES, CLEAN AND REPAIR DAMAGE, IN EXCESS OF CONTRACT REQUIREMENTS, CAUSED BY OPERATIONS OR USE OF TEMPORARY FACILITIES.

SECTION 016000 - PRODUCT REQUIREMENTS

A. CONTRACT AMOUNT: BASE ON MATERIALS AND PRODUCTS IN CONTRACT DOCUMENTS; WHERE LISTED IN CONTRACT DOCUMENTS, MATERIALS AND PRODUCTS BY MANUFACTURERS NOT LISTED SHALL NOT BE USED WITHOUT WRITTEN APPROVAL.

B. PRODUCTS: COMPONENTS SUPPLIED IN QUANTITY SHALL BE INTERCHANGEABLE; PROVIDE NEW MATERIALS UNLESS OTHERWISE DIRECTED IN CONTRACT DOCUMENTS.

C. INSTALLATION: INSTALL ITEMS PLUMB, LEVEL AND SECURE, AND IN CORRECT RELATION TO ADJACENT PRODUCTS; SECURE IN PLACE WITH POSITIVE ANCHORAGE DEVICES DESIGNED AND SIZED TO WITHSTAND STRESSES, VIBRATION AND RACKING.
1. COMPLY WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE SPECIFIED.

D. TRANSPORTATION: TRANSPORT PRODUCTS TO AVOID PRODUCT DAMAGE, DELIVER IN UNDAMAGED CONDITION IN MANUFACTURER'S UNOPENED CONTAINERS OR PACKAGING.

E. HANDLING: PROVIDE EQUIPMENT AND PERSONNEL TO HANDLE PRODUCTS BY METHODS TO PREVENT SOILING AND DAMAGE; PROMPTLY INSPECT TO ASSURE PRODUCTS ARE CORRECT, COMPLETE, AND UNDAMAGED AND QUANTITIES ARE CORRECT.

F. STORAGE: STORE MATERIAL IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS, WITH SEALS AND LABELS INTACT AND LEGIBLE.

G. PROTECTION: PROVIDE COVERINGS TO PROTECT PRODUCTS FROM DAMAGE FROM TRAFFIC AND CONSTRUCTION OPERATIONS, REMOVE WHEN NO LONGER NEEDED.

H. SPECIFIED PRODUCTS: FOR PRODUCTS SPECIFIED BY NAMING ONE OR MORE PRODUCTS OR MANUFACTURERS, SELECT PRODUCTS OF ANY NAMED MANUFACTURER MEETING SPECIFICATIONS.

SECTION 016200 - PRODUCT OPTION

A. SUBSTITUTIONS AND PRODUCT OPTIONS: PROVIDE PRODUCTS INDICATED OR APPROVED; REQUESTS FOR SUBSTITUTIONS IN WRITING.
1. CONTRACTOR OPTIONS: PROVIDE PRODUCTS AND MANUFACTURERS NAMED IN SPECIFICATIONS, SUBMIT REQUEST FOR SUBSTITUTION FOR PRODUCTS AND MANUFACTURERS NOT SPECIFICALLY NAMED WHERE NAMES ARE LISTED.

B. SUBSTITUTIONS: CONTRACTOR SHALL INVESTIGATE PROPOSED SUBSTITUTIONS AND DETERMINE IF EQUIVALENT TO PRODUCTS SPECIFIED. SUBMITTALS SHALL INCLUDE COST OR TIME BENEFITS FOR SUBSTITUTION; FAILURE TO INDICATE COST OR TIME BENEFITS IS JUSTIFICATION FOR REJECTION.

C. CONTRACTOR'S REPRESENTATION: REQUESTS CONSTITUTE THAT CONTRACTOR/(S) HAS INVESTIGATED PROPOSED PRODUCTS AND DETERMINES IT MEETS OR EXCEEDS SPECIFIED PRODUCTS AND WAIVES CLAIMS FOR ADDITIONAL COSTS THAT SUBSEQUENTLY BECOME APPARENT.

D. APPROVALS: OWNER'S PROJECT MANAGER SHALL BE JUDGE OF ACCEPTABILITY AND RESERVES RIGHT TO REJECT PROPOSED SUBSTITUTION BASED ON INSUFFICIENT INFORMATION; USE ONLY SUBSTITUTIONS APPROVED IN WRITING.

SECTION 017000 - EXECUTION AND CLOSEOUT PROCEDURES

A. INSTALLER QUALIFICATIONS: INSTALLERS TO HAVE MINIMUM FIVE YEARS SUCCESSFUL EXPERIENCE INSTALLING ITEMS SIMILAR TO THOSE REQUIRED FOR PROJECT, EXCEPT FOR INDIVIDUALS IN TRAINING UNDER DIRECT SUPERVISION OF EXPERIENCED INSTALLER.

B. EXAMINATION: BEGINNING INSTALLATION OF A PRODUCT SIGNIFIES INSTALLER HAS EXAMINED SUBSTRATES, AREAS, AND CONDITIONS FOR COMPLIANCE WITH MANUFACTURER REQUIREMENTS FOR TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE.

C. MANUFACTURER'S INSTRUCTIONS: WHEN WORK IS SPECIFIED TO COMPLY WITH MANUFACTURER'S RECOMMENDATIONS OR INSTRUCTIONS, DISTRIBUTE COPIES TO OWNER'S PROJECT MANAGER.

D. INSTALLATION: COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS UNLESS MORE RESTRICTIVE REQUIREMENTS ARE SPECIFIED.

E. PROTECTION: COVER PRODUCTS SUBJECT TO DETERIORATION WITH IMPERVIOUS SHEET, PROVIDE VENTILATION TO AVOID CONDENSATION AND TRAPPING WATER.

F. CUTTING AND PATCHING: CUT AND FIT COMPONENTS AS REQUIRED; PATCH DISTURBED AREAS TO MATCH ADJACENT MATERIALS AND FINISHES.
1. REFINISHING: REFINISH ENTIRE SURFACES AS NECESSARY TO PROVIDE EVEN FINISH TO MATCH ADJACENT FINISHES; FOR CONTINUOUS SURFACES REFINISH TO NEAREST INTERSECTION, FOR AN ASSEMBLY REFINISH ENTIRE UNIT.

G. FINAL CLEANING: CLEAN INTERIOR AND EXTERIOR SURFACES EXPOSED TO VIEW, REMOVE TEMPORARY LABELS, STAINS AND FOREIGN SUBSTANCES; POLISH TRANSPARENT AND GLOSSY SURFACES; VACUUM CARPETED AND SOFT SURFACES; CLEAN DUCTS; CLEAN SITE.

H. SUBSTANTIAL COMPLETION: PROVIDE DOCUMENTATION STATING WORK HAS BEEN SUBSTANTIALLY COMPLETED. WHERE OWNER REQUIRES USE OF SPACE PRIOR TO FINAL COMPLETION, PROVIDE LIST OF ITEMS TO BE COMPLETED.
1. OWNER'S PROJECT MANAGER WILL REVIEW LIST OF ANY ITEMS TO COMPLETED AND SUPPLEMENT LIST WITH ITEMS CONSIDERED TO BE INCOMPLETE OR UNACCEPTABLE.

I. FINAL COMPLETION: PROVIDE WRITTEN CERTIFICATION INDICATING WORK IS IN COMPLIANCE WITH CONTRACT DOCUMENTS, SYSTEMS HAVE BEEN TESTED AND ARE OPERATIONAL, AND WORK IS READY FOR FINAL INSPECTION.

J. PROJECT RECORD DOCUMENTS: MAINTAIN COMPLETE AND UP-TO-DATE RECORD DOCUMENTS; KEEP SEPARATE FROM FIELD DOCUMENTS. SUBMIT PROJECT RECORD DOCUMENTS, MATERIAL AND FINISH DATA, OPERATION AND INSTRUCTION MANUALS, WARRANTIES AND BONDS AT COMPLETION.
1. SUBMIT BOUND IN 8-1/2" X 11" THREE RING BINDERS WITH DURABLE PLASTIC COVERS. ARRANGE IN FORMAT SIMILAR TO SPECIFICATIONS.

K. WARRANTIES: PROVIDE WARRANTIES AS INDICATED, SIGNED BY CONTRACTOR AND MANUFACTURER; FORM AS APPROVED BY OWNER PRIOR TO EXECUTION.
1. WARRANTIES SHALL BE IN ADDITION TO AND NOT A LIMITATION OF OTHER RIGHTS OWNER MAY HAVE AGAINST CONTRACTOR UNDER CONTRACT DOCUMENTS AND AS PRESCRIBED BY LAW, REGARDLESS OF WORDING OF WARRANTY.

2. PROVIDE A LIST OF SUBCONTRACTORS CONTACTS AND PHONE NUMBERS IN A FRAME MOUNTED ON OFFICE DOOR. INCLUDE THIS IN PROJECT CLOSEOUT PACKAGE.

SECTION 017300 - EXECUTION

A. SELECTIVE DEMOLITION: REMOVE FROM SITE EXISTING MATERIALS, CONSTRUCTION AND UTILITIES AS NEEDED TO COMPLETE PROJECT. REMOVE EXISTING ELEMENTS INDICATED AND ENCOUNTERED DURING CONSTRUCTION, AS NEEDED TO COMPLETE WORK.
1. REMOVE ONLY THOSE ELEMENTS NECESSARY FOR COMPLETION OF PROJECT, REPLACE OR REPAIR ELEMENTS UNNECESSARILY REMOVED OR DAMAGED DURING CONSTRUCTION.

B. CAREFULLY REMOVE AND STORE ITEMS INDICATED FOR REUSE IN PROJECT AND COORDINATE WITH OTHER TRADES AND MODIFICATIONS AND REINSTALLATION.

C. PROTECTION: PREVENT MOVEMENT AND SETTLEMENT OF ADJACENT STRUCTURE, PROVIDE BRACING, SHORING, AND UNDERPINNING AS NEEDED AND BE RESPONSIBLE FOR SAFETY AND SUPPORT OF STRUCTURES. ASSUME LIABILITY FOR SUCH MOVEMENT AND SETTLEMENT.

D. UTILITIES: CONTACT APPLICABLE UTILITY COMPANIES PRIOR TO DISCONNECTING UTILITIES; DISCONTINUE WORK IF UNEXPECTED UTILITY LINES ARE ENCOUNTERED . DETERMINE LINE SOURCE AND USE PRIOR TO REMOVAL. CAP AND IDENTIFY.

SECTION 017900 - DEMONSTRATION AND TRAINING

A. SUMMARY: PROJECT INCLUDES SPECIAL FACILITY START-UP PROCESS TO BRING FACILITY TO FULLY OPERATIONAL STATE, FREE OF DEFICIENCIES, IN MOST EFFICIENT AND TIMELY MANNER ACHIEVABLE.

DIVISION 03 - CONCRETE

SECTION 035400 - CAST UNDERLAYMENT

A. GENERAL: PROVIDE POURED CEMENTITIOUS UNDERLAYMENT SYSTEM, NOT INTENDED AS FINISHED TRAFFIC SURFACE, INCLUDING ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.

B. SUBMITTALS: FURNISH MANUFACTURER'S LITERATURE.

C. INSTALLER: FIRM WITH MINIMUM 5 YEARS SUCCESSFUL EXPERIENCE REGULARLY ENGAGED IN INSTALLATION OF SPECIFIED MATERIALS, PROPERLY EQUIPPED AND ACCEPTABLE TO MANUFACTURER.

D. MANUFACTURER: ARDEX, INC./K-15; W.R..BONSAI CO./SELF-LEVELING WEAR TOPPING.

E. SYSTEM: POURABLE CEMENTITIOUS, HIGH-STRENGTH, FAST-SETTING, NON-SHRINK, SELF-LEVELING UNDERLAYMENT; MINIMUM 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, ASTM C349. TOLERANCE IS TO BE 1/8" OVER TEN FEET.

F. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS

H. FURNISH AND INSTALL EPOXY BASED, OR APPROVED EQUAL, MANUFACTURER RECOMMENDED LEVELING COMPOUND AT SENSORMAT PANEL UNITS. (SEE DETAIL IN ELECTRICAL DRAWINGS.)

DIVISION 04 - MASONRY

SECTION 044000 - STONE ASSEMBLIES

G. GENERAL: PROVIDE STONE FABRICATIONS FOR CLADDING AS INDICATED ON DRAWINGS, INCLUDING ANCHORS, MORTAR, GROUT, AND ACCESSORIES AS REQUIRED FOR COMPLETE, FINISHED INSTALLATION.

H. QUALITY CONTROL: OBSERVE STONE DURING FABRICATION AND ENSURE CONSISTENCY OF APPEARANCE.
1. DEFECTS AND BLEMISHES: CONTRASTING SPOTS, FOREIGN ELEMENTS, IRREGULAR COLOR VARIATIONS, AND IRREGULARITIES IN TYPICAL CHARACTERISTICS SHALL BE CONSIDERED DEFECTS AND BLEMISHES.

C. COMPOSITE STONE: AS INDICATED ON DRAWINGS; EACH TYPE OF STONE SHALL COME FROM A SINGLE MANUFACTURER TO ENSURE CONSISTENT COLOR.

D. MORTAR AND GROUT MATERIALS: ASTM C150, TYPE I PORTLAND CEMENT, ASTM C207, TYPE S HYDRATED LIME, AND ASTM C144 SAND, CLEAN, FREE OF HARMFUL SUBSTANCES; USE WHITE CEMENT AT COLORED MORTAR AND GROUT, COLOR TO MATCH STONE UNLESS OTHERWISE INDICATED.

E. ACCESSORIES: PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE SYSTEM.

F. FABRICATION: PROVIDE STONE WITH EXPOSED SURFACES SMOOTH, TRUE AND FLAT.

G. FABRICATION: FABRICATE AS SHOWN AND AS DETAILED ON FINAL SHOP DRAWINGS WITH EXPOSED SURFACES SMOOTH, TRUE, AND FLAT.
1. CUT ACCURATELY TO SHAPE AND DIMENSIONS SHOWN ON FINAL SHOP DRAWINGS; COMPLY WITH FABRICATION TOLERANCES OF THE STONE ASSOCIATION (I.E. GRANITE INSTITUTE) FOR SPECIFIED FINISHES. ZERO TOLERANCE WHERE HAIRLINE JOINTS ARE REQUIRED.

H. INSTALLATION: DO NOT USE MATERIAL WITH CHIPS, CRACKS, VOIDS, DISCOLORATION OR OTHER DEFECTS THAT MIGHT BE VISIBLE OR CAUSE STAINING IN FINISHED WORK.
1. STONE APPLICATION: INSTALL CURBS WITH SOFT STAINLESS STEEL WIRE ANCHORS, MINIMUM 1/8" DIAMETER SET WITH PORTLAND CEMENT WITH SHRINKAGE REDUCER (EXTERIOR); GROUT JOINTS.

2. EXECUTE WORK WITH SKILLED MECHANICS AND EMPLOY SKILLED FITTERS AT SITE TO DO NECESSARY FIELD CUTTING AS STONE IS SET.

TOOL JOINTS SLIGHTLY CONCAVE.

DIVISION 05 - METALS

SECTION 055000 - METAL FABRICATIONS

A. GENERAL: PROVIDE MISCELLANEOUS METAL SHAPES AND FABRICATIONS AS REQUIRED AND NOT INCLUDED AS PART OF OTHER SECTIONS, WITH ANCHORS AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.

B. SUBMITTALS: FURNISH SHOP DRAWINGS FOR CUSTOM FABRICATIONS, PRODUCT DATA FOR MANUFACTURED ITEMS; PROVIDE TEMPLATES FOR ANCHOR INSTALLATION BY OTHERS.

C. STEEL SHAPES: ASTM A36 STEEL.

D. GROUT: PROVIDE NON-SHRINK, NONMETALLIC, PREMIXED, FACTORY PACKAGED, NON-STAINING, NON-CORROSIVE, NON-GASEOUS GROUT; TYPE SPECIFICALLY RECOMMENDED BY MANUFACTURER FOR APPLICATIONS INDICATED.

E. FASTENERS AND ROUGH HARDWARE: TYPE REQUIRED FOR SPECIFIC USAGE; PROVIDE ZINC-COATED FASTENERS FOR EXTERIOR USE OR WHERE BUILT INTO EXTERIOR WALLS.

F. WELDING MATERIALS: AWS DI.I, TYPE REQUIRED FOR MATERIALS BEING WELDED.

G. PAINT: PROVIDE PRIMERS AS RECOMMENDED BY PAINT MANUFACTURERS FOR SUBSTRATES AND PAINTS SPECIFIED IN SECTION 09900 - PAINTING.
1. GALVANIZING REPAIR PAINT. HIGH ZINC-DUCT CONTENT PAINT FOR REGALVANIZING WELDS IN GALVANIZED STEEL.

H. FABRICATION: FABRICATE ITEMS WITH JOINTS NEATLY FITTED AND PROPERLY SECURED; GRIND EXPOSED WELDS CONTINUOUS, SMOOTH AND FLUSH WITH ADJACENT FINISHED SURFACES, AND EASE EXPOSED EDGES TO APPROXIMATE 1/32" UNIFORM RADIUS.
1. MAKE EXPOSED JOINTS FLUSH BUTT TYPE, HAIRLINE JOINTS WHERE MECHANICALLY FASTENED.

2. FIT AND SHOP ASSEMBLE IN LARGEST PRACTICAL SECTIONS FOR DELIVERY.

3. FINISHES: GALVANIZE AND PRIME PAINT EXTERIOR MISCELLANEOUS METAL, PRIME PAINT INTERIOR MISCELLANEOUS METAL; GALVANIZE COATING MINIMUM G90 COATING, GALVANIZED AFTER FABRICATION.

I. CLEAN SURFACES OF RUST, SCALE, GREASE AND FOREIGN MATTER PRIOR TO APPLYING GALVANIZED OR PAINTED FINISH.

J. INSTALLATION: INSTALL ITEMS SQUARE AND LEVEL, ACCURATELY FITTED AND FREE FROM DISTORTION OR DEFECTS DETRIMENTAL TO APPEARANCE OR PERFORMANCE; ENSURE ALIGNMENT WITH ADJACENT CONSTRUCTION; COORDINATE WITH RELATED WORK TO ENSURE NO INTERRUPTION IN INSTALLATION.
1. SUPPLY ITEMS REQUIRING TO BE CASE INTO OR EMBEDDED IN OTHER MATERIALS TO APPROPRIATE TRADES.

2. AFTER INSTALLATION, TOUCHUP FIELD WELDS AND SCRATCHED AND DAMAGED SURFACES; USE PRIMER CONSISTENT WITH SHOP COAT OR RECOMMENDED FOR GALVANIZED SURFACES, AS APPLICABLE.

K. COLD-FORMED METAL FRAMING: CONFORM TO ASTM C955 & C1007 WHERE INDICATED ON DRAWINGS (SEE DIVISION 9 SECTION 092115 FOR METAL FRAMING NOT INDICATED ON DRAWINGS). PROVIDE ACCESSORIES REQUIRED FOR COMPLETE INSTALLATION.

L. METAL BLOCKING: PRE-NOTCHED METAL BLOCKING TO BE NOTCH TITE BY METAL LITE INC. ANAHEIM, CA. (PH 1800-866-6824)

SECTION 057000 - DECORATIVE METALS

A. GENERAL: PROVIDE CUSTOM ORNAMENTAL METAL ITEMS AS INDICATED WITH ACCESSORIES AND ATTACHMENT DEVICES AS REQUIRED FOR COMPLETE, FINISHED INSTALLATION.
1. ORNAMENTAL METAL ITEMS: INSTALL STAINLESS STEEL AND BREAK METAL SHAPES AS INDICATED ON DRAWINGS.

B. FABRICATOR: FIRM WITH MINIMUM FIVE YEARS SUCCESSFUL EXPERIENCE FABRICATING ORNAMENTAL METAL ITEMS SIMILAR TO THOSE REQUIRED FOR PROJECT.

C. STAINLESS STEEL: ASTM A666, TYPE 302/304 CORROSION RESISTANT STAINLESS STEEL WITH NO. 4 SATIN DIRECTIONAL FINISH.

D. BRACKETS AND ANCHORS: UNEXPOSED PLATES, ANGLES AND SUPPORTS MAY BE STEEL; EXPOSED ITEMS TO MATCH ORNAMENTAL METAL TYPE AND FINISH.

E. FASTENERS: TYPE REQUIRED FOR SPECIFIC USAGE; PROVIDE CONCEALED FASTENERS EXCEPT WHERE SPECIFICALLY APPROVED; WHERE EXPOSE MATCH TYPE AND FINISH OF METAL BEING FASTENED.
1. CONCEALED STEEL FASTENERS: HOT-DIPPED GALVANIZED MINIMUM G90 WHERE BUILT INTO EXTERIOR WALLS OR SUBJECT TO HIGH HUMIDITY.

F. FABRICATION: FABRICATE COMPONENT CONNECTIONS TO SUPPORT SPECIFIED DESIGN LOADS.
1. SELECT MATERIALS FOR STRAIGHTNESS, FREE OF DEFECTS AND IRREGULARITIES.

2. EXPOSED-TO-VIEW SURFACES EXHIBITING PITTING, SEAM MARKS, ROLLER MARKS, "OIL CANNING", STAINS, DISCOLORATION, AND IMPERFECTIONS ON FINISHED UNITS ARE NOT ACCEPTABLE.

3. MAKER EXPOSED JOINTS FLUSH BUTT TYPE, HAIRLINE JOINTS WHERE MECHANICALLY FASTENED; PROVIDE CONCEALED CONNECTION DEVICES WITH HIDDEN FASTENERS OR AS DETAILED.

4. SEPARATE DISSIMILAR MATERIALS WITH BITUMINOUS PAINT WHERE CONCEALED, WITH PERFORMED SEPARATORS, OR SIMILAR METHOD TO PREVENT CORROSION.

G. INSTALLATION: INSTALL ORNAMENTAL METAL ITEMS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, INSTALLATION INSTRUCTIONS, AND APPROVED SHOP DRAWINGS.
1. INSTALL PLUMB, TRUE AND IN CORRECT RELATION TO ADJACENT WORK, FREE FROM DISTORTION OR DEFECTS DETRIMENTAL TO APPEARANCE AND PERFORMANCE.

2. PRIOR TO SECURING CONTINUOUS ITEMS, ADJUST TO ENSURE PROPER MATCHING AT BUTT JOINTS AND CORRECT ALIGNMENT THROUGHOUT THEIR LENGTH.

3. REPAIR OR REPLACE ITEMS DAMAGED OR MARRED DURING CONSTRUCTION.

DIVISION 06 - WOOD, PLASTICS AND COMPOSITES

SECTION 061053 - ROUGH CARPENTRY

A. GENERAL: PROVIDE MISCELLANEOUS ROUGH CARPENTRY.

1. PROVIDE APPROVED FIRE RETARDANT TREATED (FRT) LUMBER, PLYWOOD AND TRIM WHERE REQUIRED BY STATE OR LOCAL CODES AND WHERE NOTED ON DRAWINGS. ALL SUCH MATERIALS SHALL BEAR THE MANUFACTURERS STAMP OF AUTHENTICITY.

2. PROVIDE APPROVED PRESERVATIVE TREATED LUMBER, PLYWOOD AND TRIM WHERE EXPOSED TO THE EXTERIOR AND WHERE NOTED ON TEH DRAWINGS. ALL SUCH MATERIALS SHALL BEAR THE MANUFACTURERS STAMP OF AUTHENTICITY.

B. STANDARDS: COMPLY WITH REQUIREMENTS OF AMERICAN PLYWOOD ASSOCIATION (APA), AND APPLICABLE CODE REQUIREMENTS.

C. PLYWOOD: PROVIDE MINIMUM APA C-D EXTERIOR (CDX) PLYWOOD; STRESS RATED WHERE SPANNING SUPPORTING MEMBERS; FIRE RETARDANT TREATED; MINIMUM 3/4" THICK UNLESS OTHERWISE INDICATED.
D. PLYWOOD STANDARD: COMPLY WITH PSI (ANSI A199.1).

E. PLYWOOD PANEL BOARDS: PROVIDE PANEL BOARDS FOR ELECTRICAL AND COMMUNICATION PANEL BOARDS; APA C-D PLUGGED, INTERIOR TYPE PLYWOOD WITH EXTERIOR GLUE, FIRE RETARDANT TREATED, MINIMUM 1/2" THICK.

F. FASTENERS: PROVIDE FASTENERS AS REQUIRED FOR COMPLETE, SECURE INSTALLATION OF MISCELLANEOUS ROUGH CARPENTRY; ALL FASTENERS FOR P.T. OR F.R.P. WOOD SHALL BE OF HOT-DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER, OR AS OTHERWISE RECOMMENDED BY THE TREATED WOOD OR WOOD CONNECTOR MANUFACTURERS RECOMMENDATIONS.

G. INSTALLATION: COMPLY WITH REFERENCED STANDARDS AND APPLICABLE CODE REQUIREMENTS.
1. PLYWOOD: COMPLY WITH RECOMMENDATIONS OF AMERICAN PLYWOOD ASSOCIATION (APA) FOR FABRICATION AND INSTALLATION OF PLYWOOD WORK.

2. PLACE MISCELLANEOUS ROUGH CARPENTRY TRUE TO LINES AND LEVELS.

3. CORRELATE LOCATION SO ATTACHED WORK WILL COMPLY WITH DESIGN REQUIREMENTS AND BE PROPERLY LOCATED.

4. CONSTRUCT MEMBERS OF CONTINUOUS PIECES OF LONGEST POSSIBLE LENGTHS.

5. FIT CARPENTRY WORK TO OTHER WORK; SCRIBE AND COPE AS REQUIRED FOR ACCURATE FIT.

6. SECURELY ATTACH CARPENTRY WORK TO SUBSTRATES BY ANCHORING AND FASTENING AS REQUIRED BY RECOGNIZED STANDARDS.

7. PROVIDE WASHERS UNDER BOLT HEADS AND NUTS IN CONTACT WITH WOOD.

SECTION 062000 - FINISH CARPENTRY

A. STANDARDS: CONFORM TO ARCHITECTURAL WOODWORK INSTITUTE (AWI)/QUALITY STANDARDS OR WOODWORK INSTITUTE OF CALIFORNIA (WIC) "MANUAL OF MILLWORK" STANDARDS; MINIMUM WIC/CUSTOM GRADE.

B. SUBMITTALS: FURNISH PRODUCT DATA FOR MANUFACTURED ITEMS, SHOP DRAWINGS FOR CUSTOM ITEMS, SAMPLES OF EACH EXPOSED FINISH.

C. CERTIFICATION: CERTIFICATION WILL NOT BE REQUIRED.

D. DELIVERY, STORAGE AND HANDLING: COMPLY WITH AWI OR WIC STANDARDS AND MANUFACTURER RECOMMENDATIONS.

E. NON-SALES WOOD SHELVING: AWI OR WIC/CUSTOM GRADE HARDWOOD-EDGED PLYWOOD.
1. ADJUSTABLE SHELVING BRACKETS: INSTALL HEAVY DUTY STANDARDS AND BRACKETS WITH SLOTS 2" ON CENTER, SUPPORTS MAXIMUM 24" APART, AND MINIMUM 12" SHELF BRACKETS UNLESS OTHERWISE INDICATED.

F. RECEIVE & INSTALL OWNER PROVIDED, PRIMED WOOD WALL BASE.
1. COPE ALL IN-CORNERS, MITER ALL OUTSIDE CORNERS.

2. BACK OUT AS REQUIRED TO PREVENT WRAPPING. DRILL WHERE NECESSARY TO PREVENT SPLITTING.

3. COUNTER SINK & PUTTY ALL NAIL HOLES, SAND SMOOTH.

G. ANCHORS, NAILS AND SCREWS: SELECT THE MATERIAL, TYPE, SIZE AND FINISH REQUIRED BY EACH SUBSTRATE FOR SECURE ANCHORAGE; PROVIDE TOOTHED STEEL OR LEAD EXPANSION BOLT SCREWS FOR DRILLED-IN-PLACE ANCHORS.

H. WOOD FILLER: COLOR TO MATCH WOOD BEING FILLED.

I. FABRICATION: FABRICATE FINISH CARPENTRY ITEMS IN ACCORDANCE WITH SPECIFIED QUALITY STANDARD.

J. INSTALLATION: INSTALL WORK CONSISTENT WITH SPECIFIED QUALITY GRADE, PLUMB, LEVEL, TRUE AND STRAIGHT WITH NO DISTORTIONS; SHIM AS REQUIRED, USING CONCEALED SHIMS.

K. PREPARATION FOR FIELD FINISHING: SAND WORK SMOOTH AND SET EXPOSED NAILS AND SCREWS; APPLY WOOD FILLER IN EXPOSED NAIL AND SCREW INDENTATIONS AND LEAVE READY TO RECEIVE SITE-APPLIED FINISHES.
1. SEAL CONCEALED AND SEMI-CONCEALED SURFACES; BRUSH APPLY ONLY, USING PRIMER CONSISTENT WITH FINISH COASTS SPECIFIED UNDER SECTION 09900 - PAINTING AND COATING.

SECTION 064000 - ARCHITECTURAL WOODWORK

A. GENERAL: INSTALL OWNER FURNISHED CASEWORK AND COUNTERTOPS; PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. STANDARDS: CONFORM TO ARCHITECTURAL WOODWORK INSTITUTE (AWI)/QUALITY STANDARDS OR WOODWORK INSTITUTE OF CALIFORNIA (WIC) "MANUAL OF MILLWORK" STANDARDS; MINIMUM PREMIUM GRADE.

C. SUBMITTALS: FURNISH PRODUCT DATA FOR CONTRACTOR FURNISHED ACCESSORIES INCLUDING SAMPLES OF EXPOSED MATERIALS.

D. STORAGE AND HANDLING: COMPLY WITH MANUFACTURER RECOMMENDATIONS.

E. ACCESSORIES: PROVIDE AS INDICATED AND AS REQUIRED TO INSTALL ARCHITECTURAL WOODWORK AS INDICATED; COORDINATE ACCESSORIES REQUIRED FOR INSTALLATION OF OWNER FURNISHED ARCHITECTURAL WOODWORK NOT FURNISHED WITH ARCHITECTURAL WOODWORK.

F. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND REFERENCED STANDARDS. TAKE SPECIAL CARE COORDINATING INSTALLATION OF OWNER FURNISHED ARCHITECTURAL WOODWORK WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.
1. INSTALL WORK CONSISTENT WITH SPECIFIED QUALITY GRADE, PLUMB, LEVEL, TRUE AND STRAIGHT WITH NO DISTORTIONS.

2. SCRIBE AND CUT FOR ACCURATE FIT TO OTHER FINISHED WORK.

3. ENSURE MECHANICAL AND ELECTRICAL ITEMS AFFECTING ARCHITECTURAL WOODWORK ARE PROPERLY PLACED, COMPLETE, AND HAVE BEEN INSPECTED BY OWNER'S PROJECT MANAGER PRIOR TO COMMENCEMENT OF INSTALLATION.

4. SECURE WORK TO GROUNDS, STRIPPING AND BLOCKING WITH COUNTERSUNK, CONCEALED FASTENERS AND BLIND NAILING AS REQUIRED FOR A COMPLETE INSTALLATION.

5. SCRIBE AND CUT FOR ACCURATE FIT TO OTHER FINISHED WORK.

6. INSTALL ARCHITECTURAL WOODWORK UNDER SUPERVISION OF FACTORY-TRAINED MECHANICS.

7. ATTACH ARCHITECTURAL WOODWORK SECURELY IN PLACE WITH UNIFORM JOINTS PROVIDING FOR THERMAL AND BUILDING MOVEMENTS.

8. ACCEPTABLE TOLERANCES: A VARIATION FROM TRUE POSITION: MAXIMUM 1/16" AT ANY POSITION AND MAXIMUM 1/8" IN ANY 10'-0" LENGTH.

G. ADJOINING SURFACES OF SAME MATERIAL: NO VARIATION PERMITTED.

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

SECTION 072100 - THERMAL INSULATION

A. GENERAL: PROVIDE THERMAL INSULATION WITH ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.
1. INSULATION INTEGRAL WITH ROOFING REPAIRS IS PROVIDED WITH ROOFING, AND ACOUSTICAL INSULATION IS PROVIDED WITH GYPSUM BOARD ASSEMBLIES.

B. THERMAL BATT INSULATION: OWENS CORNING/FS-25, USG/THERMAFIBER FS25, OR JOHNS MANVILLE/FSK-25; FOIL FACED VAPOR RETARDED FACED, VAPOR RETARDED TOWARD INSIDE. THICKNESS/R-VALUE: AS INDICATED ON DRAWINGS.

C. ACCESSORIES: PROVIDE TAPE OR PENETRATION ANCHORS WHERE REQUIRED TO ENSURE PERMANENT INSTALLATION.

D. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS.

SECTION 072400 - EXTERIOR INSULATION FINISH SYSTEM

A. GENERAL
1.01 SECTION INCLUDES
1. MATERIALS AND INSTALLATION OF EIFS.

1.02 RELATED SECTIONS
1. SECTION 07210: BUILDING INSULATION
2. SECTION 07590: ROOF REPAIRS
3. SECTION 07600: FLASHING AND SHEET METAL
4. SECTION 07900: JOINT SEALERS
5. SECTION 08410: ALUMINUM FRAMED STOREFRONTS
6. SECTION 08800: GLAZING
7. SECTION 09260: GYPSUM BOARD ASSEMBLIES

1.03 DESIGN REQUIREMENTS
1. WIND LOAD: DESIGN FOR MAXIMUM ALLOWABLE SYSTEM DEFLECTING, NORMAL TO THE PLANE OF THE WALL, OF L/240. DESIGN FOR WIND LOAD IN CONFORMANCE WITH CODE REQUIREMENTS.

2. MOISTURE CONTROL: PREVENT THE ACCUMULATION OF WATER BEHIND THE EIF SYSTEM, EITHER BY CONDENSATION OR LEAKAGE THROUGH THE WALL CONSTRUCTION, IN THE DESIGN AND DETAILING OF THE WALL ASSEMBLY.

   a. PROVIDE FLASHING TO DIRECT WATER TO THE EXTERIOR WHERE IT IS LIKELY TO PENETRATE COMPONENTS IN THE WALL ASSEMBLY, INCLUDING, ABOVE WINDOW AND DOOR HEADS, BENEATH WINDOW AND DOOR SILLS, AT ROOF/WALL INTERSECTIONS, DECKS, ABUTMENTS OF LOWER WALLS WITH HIGHER WALLS, ABOVE PROJECTING FEATURES, AND AT THE BASE OF THE WALL.

   b. VAPOR DIFFUSION AND CONDENSATION: PERFORM A DEW POINT ANALYSIS OF THE WALL ASSEMBLY TO DETERMINE THE POTENTIAL FOR ACCUMULATION OF MOISTURE IN THE WALL ASSEMBLY AS A RESULT OF WATER VAPOR DIFFUSION AND CONDENSATION. ADJUST INSULATION THICKNESS AND/OR OTHER WALL ASSEMBLY COMPONENTS ACCORDINGLY TO MINIMIZE THE RISK OF CONDENSATION. AVOID THE USE OF VAPOR RETARDERS ON THE INTERIOR SIDE OF THE WALL IN WARM, HUMID CLIMATES.

3. IMPACT RESISTANCE

   a. PROVIDE ULTRA-HIGH IMPACT RESISTANCE TO A MINIMUM HEIGHT OF 6'-0" (1.8 M) ABOVE FINISHED GRADE AT ALL AREAS ACCESSIBLE TO PEDESTRIAN TRAFFIC AND OTHER AREAS EXPOSED TO ABNORMAL STRESS OR IMPACT

4. JOINTS

   a. DESIGN MINIMUM 3/4" WIDE EXPANSION JOINTS IN THE EIFS WHERE THEY EXIST IN THE SUBSTRATE OR SUPPORTING CONSTRUCTION, WHERE THE EIFS ADJOINS DISSIMILAR CONSTRUCTION OR MATERIALS, AT CHANGES IN BUILDING HEIGHT, AND AT FLOOR LINES IN MULTI-LEVEL WOOD FRAME CONSTRUCTION. EIFS (WINDOWS, DOORS, ETC.).

   b. INSTALL BACKER ROD AND SEALANT THAT HAS BEEN EVALUATED IN ACCORDANCE WITH ASTM C 1382, "TEST METHOD FOR DETERMINING TENSILE ADHESION PROPERTIES OF SEALANTS WHEN USED IN EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS) JOINTS," AND THAT MEETS MINIMUM 50% ELONGATION AFTER CONDITIONING.

   c. DESIGN JOINTS WITH SECONDARY MOISTURE PROTECTION AND DRAIN JOINTS TO THE EXTERIOR
5. TRIM, PROJECTING ARCHITECTURAL FEATURES AND REVEALS

   a. ALL TRIM AND PROJECTING ARCHITECTURAL FEATURES MUST HAVE A MINIMUM 1.2 [27'] SLOPE ALONG THEIR TOP SURFACE. ALL HORIZONTAL REVEALS MUST HAVE A MINIMUM 1.2 [27'] SLOPE ALONG THEIR BOTTOM SURFACE.

6. FIRE PROTECTION
   a. DO NOT USE FOAM PLASTIC IN EXCESS OF 4 " THICK. WHERE A FIRE-RESISTANCE RATING IS REQUIRED BY CODE USE EIFS OVER RATED ASSEMBLY.

1.04 SUBMITTALS
1. SAMPLES FOR APPROVAL AS DIRECTED BY BBWI PROJECT MANAGER.

2. PREPARE AND SUBMIT PROJECT-SPECIFIC DETAILS (WHEN REQUIRED BY CONTRACT DOCUMENTS).

1.05 QUALITY ASSURANCE
1. MANUFACTURER REQUIREMENTS

   a. MEMBER IN GOOD STANDING OF THE EIFS INDUSTRY MEMBERS ASSOCIATION (EIMA).

   b. SYSTEM MANUFACTURER FOR A MINIMUM OF TWENTY (20) YEARS. MANUFACTURING FACILITIES ISO 9002 CERTIFIED.

   c. MANUFACTURER'S WALL ASSEMBLY LISTED IN GYPSUM ASSOCIATION FIRE RESISTANCE DESIGN MANUAL.

2. CONTRACTOR REQUIREMENTS

   a. ENGAGED IN APPLICATION OF EIFS FOR A MINIMUM OF THREE (3) YEARS.

   b. KNOWLEDGEABLE IN THE PROPER USE AND HANDLING OF STO MATERIALS AND LISTED BY STO AS HAVING ATTENDED STO EIFS CONTINUING EDUCATION.

   c. EMPLOY SKILLED MECHANICS WHO ARE EXPERIENCED AND KNOWLEDGEABLE IN EIFS APPLICATION, AND FAMILIAR WITH THE REQUIREMENTS OF THE SPECIFIED WORK.

   d. SUCCESSFUL COMPLETION OF MINIMUM OF THREE (3) PROJECTS OF SIMILAR SIZE AND COMPLEXITY TO THE SPECIFIED PROJECT.

   e. PROVIDE THE PROPER EQUIPMENT, MANPOWER AND SUPERVISION ON THE JOB SITE TO INSTALL THE SYSTEM IN COMPLIANCE WITH STO'S PUBLISHED SPECIFICATIONS AND DETAILS AND THE PROJECT PLANS AND SPECIFICATIONS.

3. INSULATION BOARD MANUFACTURER REQUIREMENTS

   a. RECOGNIZED BY STO AS CAPABLE OF PRODUCING INSULATION BOARD TO MEET SYSTEM REQUIREMENTS, AND HOLD A VALID LICENSING AGREEMENT WITH STO.

   b. LISTED BY AN APPROVED AGENCY.

   c. LABEL INSULATION BOARD WITH INFORMATION REQUIRED BY STO, THE APPROVED LISTING AGENCY AND THE APPLICABLE BUILDING CODE.

1.06 DELIVERY, STORAGE AND HANDLING
1. DELIVER ALL MATERIALS IN THEIR ORIGINAL SEALED CONTAINERS BEARING MANUFACTURER'S NAME AND IDENTIFICATION OF PRODUCT.

2. PROTECT COATINGS (AIL PRODUCTS) FROM FREEZING AND TEMPERATURES IN EXCESS OF 90°F STORE AWAY FROM DIRECT SUNLIGHT.

3. PROTECT PORTLAND CEMENT BASED MATERIALS (BAG PRODUCTS) FROM MOISTURE AND HUMIDITY. STORE UNDER COVER OFF THE GROUND IN A DRY LOCATION.

1.07 PROJECT/SITE CONDITIONS
1. MAINTAIN AMBIENT AND SURFACE TEMPERATURES ABOVE 40°F DURING APPLICATION AND DRYING PERIOD, MINIMUM 24 HOURS AFTER APPLICATION OF EIFS.

2. PROVIDE SUPPLEMENTARY HEAT FOR INSTALLATION IN TEMPERATURES LESS THAN 40°F (4°C).

3. PROVIDE PROTECTION OF SURROUNDING AREAS AND ADJACENT SURFACES FROM APPLICATION OF MATERIALS.

1.08 COORDINATION/SCHEDULING
1. PROVIDE SITE GRADING SUCH THAT EIFS TERMINATES ABOVE FINISHED GRADE A MINIMUM OF 8" (203 MM) OR AS REQUIRED BY CODE.

2. PROVIDE PROTECTION OF ROUGH OPENINGS BEFORE INSTALLING WINDOWS, DOORS, AND OTHER PENETRATIONS THROUGH THE WALL AND PROVIDE SILL FLASHING.

3. INSTALL WINDOW AND DOOR HEAD FLASHING IMMEDIATELY AFTER WINDOWS AND DOORS ARE INSTALLED.

4. INSTALL DIVERTER FLASHING WHEREVER WATER CAN ENTER THE WALL ASSEMBLY TO DIRECT WATER TO THE EXTERIOR.

5. INSTALL COPINGS AND SEALANT IMMEDIATELY AFTER INSTALLATION OF THE EIF SYSTEM AND WHEN EIFS COATINGS ARE DRY.

6. ATTACH PENETRATIONS THROUGH EIFS TO STRUCTURAL SUPPORT AND PROVIDE WATER TIGHT SEAL AT PENETRATIONS.

1.09 WARRANTY
1. PROVIDE MANUFACTURER'S STANDARD LABOR AND MATERIAL WARRANTY.

A. PRODUCTS

2.01 MANUFACTURERS
1. PROVIDE EIF SYSTEM AND ACCESSORIES FROM SINGLE SOURCE MANUFACTURER OR APPROVED SUPPLIER.

2. THE FOLLOWING ARE ACCEPTABLE MANUFACTURERS:
   a. STO CORP. - EIF SYSTEM

   b. PLASTIC COMPONENTS, INC - ACCESSORIES

3. INDUSTRY STANDARD SYSTEM:
   a. INTERIOR: STOLIT CLASSIC

   b. EXTERIOR: STO CLASSIC NEXT 12 YEAR WARRANTY

2.02 SURFACE PREPARATION
1. LEVELER: STO LEVELER - ONE-COMPONENT, POLYMER MODIFIED, CEMENT BASED LEVELER WITH FIBER REINFORCEMENT IF REQUIRED IN UNEVEN RESTORATION SURFACE.

2.03 ADHESIVE
1. CEMENTITIOUS ADHESIVE
   a. STO BTS PLUS-ONE-COMPONENT, POLYMER-MODIFIED, CEMENT BASED HIGH BUILD ADHESIVE.

2. NON-CEMENTITIOUS ADHESIVE
   a. STO DISPERSION ADHESIVE-NON-CEMENTITIOUS, ACRYLIC BASED ADHESIVE

2.04 INSULATION BOARD
1. NOMINAL 1.0 LB/FT3 EXPANDED POLYSTYRENE (EPS) INSULATION BOARD IN COMPLIANCE WITH ASTM C 578 TYPE I REQUIREMENTS, AND EIMA GUIDELINE SPECIFICATION FOR EXPANDED POLYSTYRENE (EPS) INSULATION BOARD. USE NEWLY PACKAGED INSULATION BOARD ONLY.

2.05 BASE COAT
1. CEMENTITIOUS BASE COATS
   a. STO BTS PLUS-ONE-COMPONENT POLYMER MODIFIED CEMENT BASED HIGH BUILD BASE COAT WITH LESS THAN 33 % PORTLAND CEMENT CONTENT BY WEIGHT AND CAPABLE OF ACHIEVING MINIMUM 1/16" (1.6 MM) THICKNESS IN ONE PASS.

2. NONCEMENTITIOUS BASE COAT
   a. STO RFP-ONE COMPONENT READY MIXED NON-CEMENTITIOUS, FIBER REINFORCED ACRYLIC BASE COAT.

3. WATERPROOF BASE COAT
   a. STO FLEXYL - TWO COMPONENT FIBER REINFORCED ACRYLIC BASED WATERPROOF BASE COAT MIXED WITH PORTLAND CEMENT.

2.06 REINFORCING MESHES
1. ULTRA-HIGH IMPACT MESH (0' TO 6'-0")
   a. STO MESH: NOMINAL 4.5 OZ./YD2 (390 G/M2), OVER STO ARMOR MAT - NOMINAL 15 OZ/YD2 INTERWOVEN, OPEN WEAVE GLASS FIBER FABRIC WITH ALKALINE RESISTANT COATING FOR COMPATIBILITY WITH STO MATERIALS.

2. INTERMEDIATE MESH (ABOVE 6'-0")
   a. STO INTERMEDIATE MESH: NOMINAL 11 OZ./YD2 INTERWOVEN, OPEN WEAVE GLASS FIBER FABRIC WITH ALKALINE RESISTANT COATING FOR COMPATIBILITY WITH STO MATERIALS

No.	Revisions	Date
3	ISSUED FOR PERMIT	10 NOV 2026
2	ISSUED FOR LANDLORD REVIEW	29 OCT 2026
1	ISSUED FOR CLIENT REVIEW	15 OCT 2026

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STATE OF GEORGIA
BABAK ESLAHJOU
REGISTERED ARCHITECT
CERTIFICATE NO. RA014517
2026-11-10

Drawn	AL	Scale	N.T.S.
Checked	S.W.	Date	OCT 2026
Title	SPECIFICATIONS		
Project No.	26-108	Drawing No.	A102

2.07 PRIMER
1. STO PRIMER ACRYLIC BASED TINTED PRIMER.

2.08 FINISH COAT
1. STOLIT: .75 FREEFORM ACRYLIC BASED TEXTURED WALL COATING WITH GRADED MARBLE AGGREGATE. CUSTOM FINISH AS INDICATED ON STOREFRONT DRAWINGS (A08 SERIES).

2.09 MIXED INGREDIENTS
1. WATER: CLEAN AND POTABLE.

2. PORTLAND CEMENT: TYPE I IN CONFORMANCE WITH ASTM C 150.

2.10 ACCESSORIES
1. STARTER TRACK RIGID PVC (POLYVINYL CHLORIDE) PLASTIC TRACK PART NO. STDE AS FURNISHED BY PLASTIC COMPONENTS, INC., 9051 NW 97TH TERRACE, MIAMI, FLORIDA 33178 (1-800-327-7077).

2.11 MIXING
1. STO PLEX W: ADD WATER AS DIRECTED ON LABELING.

2. STO LEVELER: MIX RATIO WITH WATER 6-7 QUARTS (5.7-6.6 L) OF CLEAN WATER PER 60 POUND (27.3 KG) BAG OF STO LEVELER. POUR WATER INTO A CLEAN MIXING PAIL. ADD STO LEVELER, MIX TO A UNIFORM CONSISTENCY AND ALLOW TO SET FOR APPROXIMATELY 5 MINUTES. ADJUST MIX IF NECESSARY WITH ADDITIONAL STO LEVELER OR WATER AND REMIX TO A UNIFORM TROWEL CONSISTENCY. AVOID RETEMPERING. KEEP MIX RATIO CONSISTENT. DO NO EXCEED MAXIMUM WATER AMOUNT IN MIX RATIO.

3. STO RFP: MIX WITH A CLEAN, RUST-FREE HIGH SPEED MIXER TO A UNIFORM CONSISTENCY.

4. STO FLEXYL: MIX RATIO WITH PORTLAND CEMENT: 1:1 RATIO BY WEIGHT. POUR STO FLEXYL INTO A CLEAN MIXING PAIL. ADD PORTLAND CEMENT, MIX TO A UNIFORM CONSISTENCY AND ALLOW TO SET FOR APPROXIMATELY FIVE MINUTES. ADJUST MIX IF NECESSARY WITH ADDITIONAL STO FLEXYL AND REMIX TO A UNIFORM TROWEL CONSISTENCY. AVOID RETEMPERING. KEEP MIX RATIO CONSISTENT.

5. STO PRIMER: MIX WITH A CLEAN, RUST-FREE HIGH SPEED MIXER TO A UNIFORM CONSISTENCY.

6. STOLIT: MIX WITH A CLEAN, RUST-FREE HIGH SPEED MIXER TO A UNIFORM CONSISTENCY. A SMALL AMOUNT OF WATER MAY BE ADDED TO ADJUST WORKABILITY. LIMIT ADDITION OF WATER TO AMOUNT NEEDED TO ACHIEVE THE FINISH TEXTURE.

7. MIX ONLY AS MUCH MATERIAL AS CAN READILY BE USED.

8. DO NOT USE ANTI-FREEZE COMPOUNDS OR OTHER ADDITIVES.

C. EXECUTION

3.01 ACCEPTABLE INSTALLERS
1. PREQUALIFY UNDER QUALITY ASSURANCE REQUIREMENTS OF THIS SPECIFICATION (SECTION 1.07.B).

3.02 EXAMINATION
1. INSPECT SURFACES FOR:
   a. CONTAMINATION: ALGAE, CHALKINESS, DIRT, DUST, EFFLORESCENCE, FORM OIL, FUNGUS, GREASE, LAITANCE, MILDEW OR OTHER FOREIGN SUBSTANCES.
   b. SURFACE ABSORPTION AND CHALKINESS.
   c. CRACKS: MEASURE CRACK WIDTH AND RECORD LOCATION OF CRACKS.
   d. DAMAGE AND DETERIORATION.
   e. MOISTURE CONTENT AND MOISTURE DAMAGE: USE A MOISTURE METER TO DETERMINE IF THE SURFACE IS DRY ENOUGH TO RECEIVE THE EIFS AND RECORD ANY AREAS OF MOISTURE DAMAGE.
   f. COMPLIANCE WITH SPECIFICATION TOLERANCES: RECORD AREAS THAT ARE OUT OF TOLERANCE (GREATER THAN 1/4" IN 8'-0" DEVIATION IN PLANE).

2. INSPECT SHEATHING APPLICATION FOR COMPLIANCE WITH APPLICABLE REQUIREMENT:
   a. EXTERIOR GYPSUM SHEATHING: GA-253
   b. EXTERIOR GRADE AND EXPOSURE I WOOD BASED SHEATHING: APA ENGINEERED WOOD ASSOCIATION E 30.
   c. GLASS MAT FACED GYPSUM SHEATHING: GEORGIA PACIFIC PUBLICATION 101514
   d. CEMENTITIOUS SHEATHING: CONSULT MANUFACTURER'S PUBLISHED RECOMMENDATIONS

3. REPORT DEVIATIONS FROM THE REQUIREMENTS OF PROJECT SPECIFICATIONS OR OTHER CONDITIONS THAT MIGHT ADVERSELY AFFECT THE EIFS INSTALLATION TO THE GENERAL CONTRACTOR. DO NOT START WORK UNTIL DEVIATIONS ARE CORRECTED.

3.03 SURFACE PREPARATION
1. REMOVE SURFACE CONTAMINANTS ON CONCRETE AND CONCRETE MASONRY SURFACES (REFER TO ASTM D 4258 AND D 4261).

2. APPLY CONDITIONER BY SPRAYER OR ROLLER TO CHALKING OR EXCESSIVELY ABSORPTIVE SURFACES.

3. REPLACE WEATHER-DAMAGED SHEATHING AND REPAIR DAMAGED OR CRACKED SURFACES.

4. LEVEL SURFACES TO COMPLY WITH REQUIRED TOLERANCES.

3.04 INSTALLATION
1. INSTALL EIFS IN COMPLIANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS (SEE ADDENDUM).

3.05 PROTECTION
1. PROVIDE PROTECTION OF INSTALLED MATERIALS FROM WATER INFILTRATION INTO OR BEHIND THEM.

2. PROVIDE PROTECTION OF INSTALLED MATERIALS FROM DUST, DIRT, PRECIPITATION, FREEZING AND CONTINUOUS HIGH HUMIDITY UNTIL THEY ARE FULLY DRY.

SECTION 075900 - ROOF REPAIRS

1. GENERAL: REPAIR EXISTING ROOFING SYSTEM AS REQUIRED FOR NEW CONSTRUCTION, WITH COMPONENTS AND ACCESSORIES AS REQUIRED FOR COMPLETE WEATHER TIGHT INSTALLATION.

2. STANDARDS: CONFORM TO NATIONAL ROOFING CONTRACTOR'S ASSOCIATION ROOFING AND WATERPROOFING MANUAL, 4TH OR 5TH EDITION.

3. WARRANTY: MAINTAIN ALL EXISTING WARRANTIES. PROVIDE FOR CORRECTING FAILURE OF ROOF REPAIRS TO RESIST PENETRATION OF WATER AND DAMAGE FROM WIND; WARRANTY PERIOD OF TWO YEARS.

4. ROOFING SYSTEM: MATCH EXISTING ROOFING, NO SUBSTITUTIONS PERMITTED; PROVIDE MATERIALS CAPABLE OF MAINTAINING EXISTING WARRANTIES; CONFORM TO REQUIREMENTS OF NRCA ROOFING MANUAL.
   a. SYSTEM: PROVIDE COMPLETE SYSTEM WITH ACCESSORIES AS REQUIRED FOR REPAIRS, INCLUDING INSULATION WHERE EXISTING ROOFING IS INSULATED.

5. ROOF SYSTEM REPAIRS: COMPLY WITH MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS AND NRCA RECOMMENDATIONS FOR ROOF TYPE SPECIFIED.
   b. REMOVE EXISTING ROOFING AS REQUIRED FOR PROJECT; REMOVE ONLY AS MUCH ROOFING AS CAN BE REPLACED IN SAME DAY UNLESS OTHERWISE APPROVED IN ADVANCE BY OWNER'S PROJECT MANAGER.
   c. INSPECT SUBSTRATES AND ROOF DECK TO ENSURE SUBSTRATES AND DECK ARE CLEAN AND SMOOTH, FREE OF DEPRESSIONS, WAVES OR PROJECTS, AND ARE PROPERLY SLOPE TO DRAINS, VALLEY, OR EAVES.
   d. INSULATION APPLICATION: ATTACH INSULATION IN ACCORDANCE WITH INSULATION MANUFACTURER'S INSTRUCTIONS AND NRCA RECOMMENDATIONS FOR INSTALLATION OF INSULATION ON DECK INVOLVED.
   e. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF COMPOSITE TYPE BASE, WALL AND FILED FLASHING.
   f. COORDINATE METAL FLASHING AND COUNTERFLASHING.
   g. COORDINATE INSTALLATION OF ROOF DRAINS AND RELATED FLASHING.
   h. MOP IN AND SEAL FLASHING AND FLANGES OF ITEMS PROJECTING THROUGH MEMBRANE.

SECTION 076000 - FLASHING AND SHEET METAL

A. GENERAL: PROVIDE FLASHING AND SHEET METAL, REGLETS, AND ACCESSORIES AS REQUIRED FOR ROOF REPAIRS AS REQUIRED FOR COMPLETE, WEATHER TIGHT INSTALLATION.

B. STANDARDS: CONFORM TO SMACNA "ARCHITECTURAL SHEET METAL MANUAL" REQUIREMENTS FOR FLASHING AND SHEET METAL.

C. DESIGN REQUIREMENTS: ALLOW FOR MOVEMENT OF COMPONENTS WITHOUT CAUSING BUCKLING, FAILURE OF JOINT SEALS, UNDUE STRESS ON FASTENERS OR OTHER DETRIMENTAL EFFECTS, WHEN SUBJECT TO 100 YEAR SEASONAL TEMPERATURE RANGES.

D. SUBMITTALS: FURNISH PRODUCT DATA FOR MANUFACTURED PRODUCTS.

E. WARRANTY: MAINTAIN ALL EXISTING WARRANTIES. CORRECT FAILURE OF METAL FLASHING SYSTEM TO RESIST PENETRATION OF WATER AND DAMAGE FROM WIND, WARRANTY PERIOD TWO YEARS.

F. FLASHING AND SHEET METAL: MATCH EXISTING, BUT NOT LESS THAT FOLLOWING.
1. GALVANIZED METAL FLASHING: ASTM A526 GALVANIZED STEEL WITH MINIMUM 0.02 AND WITH MINIMUM G90 GALVANIZED COATING; MINIMUM 24 GAGE.

2. PREFINISHED METAL FLASHING: 24 GAGE GALVANIZED STEEL WITH FACTORY FINISHED KYNAR 500 TYPE FLUROPOLYMER COATING AND STRIPPABLE PROTECTIVE FILM; COLOR AS SELECTED FROM MANUFACTURER'S FULL RANGE OF COLORS.

3. ALUMINUM FLASHING: ASTM B209, ALLOY AS REQUIRED TO MATCH FINISH SPECIFIED FOR OTHER ALUMINUM COMPONENTS; THICKNESS MINIMUM 0.050" AT FLASHING.

4. STAINLESS STEEL SHEET METAL: ASTM A666, 2D ANNEALED FINISH, SOFT TEMPER EXCEPT WHERE HARDER TEMPER IS REQUIRED FOR FORMING OR PERFORMANCE; 0.015" (28 GAGE) TYPICAL.

5. COPPER SHEET METAL: ASTM B370, COLD ROLLED 16 OZ. (0.0216") THICK; SOFT TEMPER WHERE REQUIRED FOR FORMING.

G. REGLETS: FRY/SPRINGLOK OR MM SYSTERMS/SNAP-TITE REGLETS, FABRICATE OF SAME METAL AS ADJACENT FLASHING AND SHEET METAL.

H. METAL TO METAL SEALANT: BUTYL TYPE: NON-STAINING, NON-CORROSIVE, NON-SHRINKING, NON-SAGGING, ULTRAVIOLET AND OZONE RESISTANT.

I. INSTALLATION: COMPLY WITH SMACNA MANUAL.
1. INSTALL METAL FLASHING AND SHEET METAL IN ACCORDANCE WITH SMACNA ARCHITECTURAL SHEET METAL MANUAL; TIGHT IN PLACE, WITH CORNER SQUARE, SURFACES TRUE AND STRAIGHT IN PLANES, AND LINES ACCURATE TO PROFILES AS INDICATED ON DRAWINGS.

2. INSTALL SEALANT WHERE REQUIRED TO PREVENT DIRECT WEATHER PENETRATION

3. COMPLETED INSTALLATION SHALL BE FREE OF RATTLES, NOISE DUE TO THERMAL AND AIR MOVEMENT, AND WIND WHISTLES.

SECTION 078100 - APPLIED FIREPROOFING

A. GENERAL: PATCH EXISTING FIREPROOFING AS REQUIRED BY APPLICABLE CODES FOR CONSTRUCTION TYPE; NO ASBESTOS PERMITTED.

B. DESIGN REQUIREMENTS: PROVIDE MATERIALS CAPABLE OF ATTAINING FIRE RATINGS AS REQUIRED FOR TYPE I, FIRE RESISTIVE CONSTRUCTION.

C. PERFORMANCE REQUIREMENTS: PROVIDE MATERIALS LISTED BY UL OR INDEPENDENT TESTING AND INSPECTION AGENCY ACCEPTABLE TO APPLICABLE AUTHORITIES.
1. FIRE RESISTANCE RATINGS: COMPLY WITH REQUIRED RATINGS BASED

2. SURFACE BURNING CHARACTERISTICS. MAXIMUM 25 FLAME SPREAD AND 25 SMOKE DENSITY WHEN TESTED IN ACCORDANCE WITH ASTM E84.

D. CERTIFICATE: SUBMIT MANUFACTURER CERTIFICATION INDICATING APPLICATOR ACCEPTABILITY AND MATERIAL COMPLACENT WITH APPLICABLE CODES AND CONTRACT DOCUMENTS.
1. CERTIFICATION SHALL INDICATE NEW MATERIALS USED TO PATCH EXISTING FIREPROOFED MEMBERS AT NEW AND EXISTING WORK ARE COMPATIBLE WITH EXISTING FIREPROOFING MATERIALS AND MEET ALL PERFORMANCE REQUIREMENTS.

E. QUALIFICATION OF APPLICATOR: FIRM ACCEPTABLE TO MANUFACTURER OF FIREPROOFING MATERIALS WITH MINIMUM FIVE YEARS SUCCESSFUL EXPERIENCE ON PROJECTS OF SIMILAR SCOPE.

F. MANUFACTURERS/PRODUCTS: MATCH EXISTING BUT NOT LESS THAN W.R. GRACE/MONOKOTE OR ALBI MANUFACTURING DIVISION STANCHEM/DURASPRAY.

G. INSTALLATION: INSTALL IN ACCORDANCE MANUFACTURER RECOMMENDATIONS AND FIRE TEST RESULTS AS REQUIRED TO PROVIDE REQUIRED FIRE RATINGS.
1. PROTECT ADJACENT SURFACES AND EQUIPMENT FROM DAMAGE BY OVER SPRAY, FALLOUT, AND DUSTING; MASK ADJACENT WORK AS REQUIRED. CLOSE OFF AND SEAL DUCT WORK IN AREAS WHERE FIREPROOFING IS BEING APPLIED.

2. CLEAN SUBSTRATE OF DIRT, DUST, GREASE, OIL, LOOSE MATERIAL, PAINTS, PRIMERS, AND OTHER MATTER WHICH AFFECTS BOND OF SPRAYED FIREPROOFING.

3. APPLY FIREPROOFING IN SUFFICIENT THICKNESS AND DENSITY TO ACHIEVE REQUIRED FIRE RATINGS.

4. APPLY FIREPROOFING OVER SUBSTRATE, BUILDING TO REQUIRED THICKNESS WITH AS MANY PASSES OR STAGES NECESSARY TO COVER WITH MONOLITHIC BLANKET OF UNIFORM DENSITY AND TEXTURE.

SECTION 078400 - FIRE STOPPING

A. GENERAL: PROVIDE PENETRATION-TYPE FIRE STOPPING FOR TIME-RATED FLOOR, WALL AND PARTITION ASSEMBLIES CAPABLE OF PREVENTING PASSAGE OF FLAME, SMOKE AND HOT GASES.

B. CODES: CONFORM TO APPLICABLE CODE REQUIREMENTS FOR BOTH F AND T RATINGS.

C. STANDARDS: PASS ASTM E814 THROUGH-PENETRATION FIRE STOPS, ASTM E119 FIRE TESTS AND ASTM E84 FLAME SPREAD/SMOKE CONSTRICTION MAXIMUM 25/25.

D. SUBMITTALS: FURNISH SHOP DRAWINGS, PRODUCT DATA, AND CERTIFICATES OF COMPLIANCE WITH CONTRACT DOCUMENTS, AND APPLICABLE CODES.

E. MANUFACTURERS: 3M/FIRE BARRIER, STI/SPECSEAL OR PENSIL, OR HILTI/FIRESTOP SYSTEMS.

F. GENERAL: CHOOSE PRODUCTS AND METHODS MEETING APPLICABLE CODES AND SPECIFICATION REQUIREMENTS FOR EACH FIRE STOPPING APPLICATION, SUBJECT TO OWNER'S PROJECT MANAGER'S ACCEPTANCE.

G. FIRE STOPPING MATERIALS: FURNISH MATERIALS FOR PENETRATIONS IN TIME-RATED FLOOR, WALL, AND PARTITION ASSEMBLIES CAPABLE OF PREVENT PASSAGE OF FLAME, SMOKE, AND HOT GASES.
1. PENETRATION TEST: FURNISH MATERIALS PASSING ASTM E814 FOR PENETRATION FIRE STOPPING INDICATING MAINTENANCE OF TIME-RATED ADJACENT ASSEMBLIES.
2. FIRE STOPPING: MAINTAIN FIRE RATING OF ASSEMBLY IN WHICH FIRE STOPPING IS INSTALLED, SUCH AS FLOOR, PARTITION, OR WALL, IN ACCORDANCE WITH ASTM E119 TEST.

H. INSTALLATION: INSTALL IN ACCORDANCE MANUFACTURER RECOMMENDATIONS AND FIRE TEST RESULTS AS REQUIRED TO PROVIDE REQUIRED FIRE RATINGS.
1. FIELD INSPECTIONS: MAINTAIN COPY OF MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS AT EACH WORK AREA..

SECTION 079200 - JOINT SEALERS

A. GENERAL: PROVIDE EXTERIOR AND INTERIOR JOINT SEALERS NOT PROVIDED ELSEWHERE; TYPE SUITABLE FOR APPLICATION INDICATED WITH ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.

B. INSTALLER QUALIFICATIONS: FIRM WITH MINIMUM FIVE YEARS SUCCESSFUL EXPERIENCE ON PROJECTS OF SIMILAR TYPE AND SIZE, USING SPECIFIED PRODUCTS.

C. WARRANTY: REPAIR OR REPLACE JOINT SEALERS WHICH FAIL TO PERFORM AS INTENDED BECAUSE OF LEAKING, CRUMBLING, HARDENING, SHRINKAGE, BLEEDING, SAGGING, STAINING AND LOSES OF ADHESION; WARRANTY PERIOD TWO YEARS.

D. EXTERIOR NON-TRAFFIC JOINTS: GE/SILPRUF, DOW/790-795, OR PECORA/854, LOW MODULES SILICONE SEALANT.

E. TRAFFIC BEARING JOINTS: MAMECO/VULKEM 245, OR PECORA/NR-200 UREXPAN, MULTI-COMPONENT POLYURETHANE, SELF-LEVELING JOINT SEALER.

F. MILDEW-RESISTANT SANITARY SEALANTS: GE/SANITARY SEALANT, DOW/BATHTUB CAULK, OR PECORA/863 #345 WHITE; PROVIDE AT INTERIOR AREAS WHERE SEALANT WILL BE EXPOSED TO WATER.

G. GENERAL INTERIOR JOINT SEALER: PECORA/AC-20 OR SONNEBORN/SONOLAC, ACRYLIC OR LATEX EMULSION.

H. MISCELLANEOUS MATERIALS: PRIMERS, SEALERS, JOINT CLEANERS, BOND BREAKER TAPE, AND SEALANT BACKER RODS AS RECOMMENDED BY SEALANT MANUFACTURER FOR APPLICATIONS INDICATED.
1. OVERSIZE BACKER ROD MINIMUM 30% TO 50% OF JOINT OPENING.

I. COLORS: AS INDICATED OR AS SELECTED BY OWNER'S PROJECT MANAGER FROM MANUFACTURER'S FULL RANGER OF COLORS.

J. PREPARATION: CLEAN JOINT SURFACES IMMEDIATELY BEFORE INSTALLATION OF JOINT SEALER, AND PRIME OR SEAL JOINT SURFACES AS RECOMMENDED BY MANUFACTURER.

K. INSTALLATION: COMPLY WITH MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS AND ASTM C1193.
1. EMPLOY INSTALLATION TECHNIQUES WHICH WILL ENSURE JOINT SEALERS ARE DEPOSITED IN UNIFORM, CONTINUOUS RIBBONS WITHOUT GAPS OR AIR POCKETS, WITH COMPLETE "WETTING" OF BOND SURFACES.

DIVISION 08 - DOORS AND WINDOWS

SECTION 081000 - METAL DOORS AND FRAMES

A. GENERAL: PROVIDE STEEL DOORS AND FRAMES AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION; COORDINATE WITH SECTION 08700 - HARDWARE.

B. STANDARDS: COMPLY WITH STEEL DOOR INSTITUTE "STANDARD STEEL DOORS AND FRAMES OR NAAMM HOLLOW METAL MANUFACTURER'S ASSOCIATION "HOLLOW METAL MANUAL."
1. FIRE RATED STANDARDS: FURNISH MATERIALS TESTED, LABELED AND INSPECTED BY UL, WARNOCK HERESY, OR TESTING AGENCY ACCEPTABLE TO APPLICABLE AUTHORITIES.

C. SUBMITTALS: SUBMIT FLORIDA PRODUCT APPROVAL DOCUMENTATION.

D. MANUFACTURERS: AMWELD, CECO, PIONEER, OR APPROVED EQUAL.

E. HOLLOW METAL DOORS: FLUSH HOLLOW METAL DOORS FULL FLUSH TYPE; SDI MODEL I, NAAMM TYPE B FULL FLUSH WITH UNFILLED EDGE; CLOSE TOP AT EXTERIOR DOORS.
1. CORE: PROVIDE STEEL STIFFENED CORE; INSULATED AT EXTERIOR DOORS.
2. GAGE: PROVIDE MINIMUM 18 GAGE AT INTERIOR DOORS, MINIMUM 16 GAGE AT EXTERIOR DOORS.

F. PRESSED STEEL (HOLLOW METAL) FRAMES. MINIMUM 16 GAGE KNOCKDOWN (FIELD-ASSEMBLED) FRAMES.

G. FIRE RATED UNITS: CONFORM TO NFPA 80; PROVIDE UL OR WARNOCK HERESY LABELED DOORS AND FRAMES AS REQUIRED.

H. ACCESSORIES: PROVIDE DOOR SILENCERS, ANCHORS, AND ACCESSORIES.

I. FABRICATION: CONFORM TO REQUIREMENTS OF SDI OR NAAMM.
1. DOOR SILENCERS: PLACE MINIMUM THREE SINGLE BUMPERS ON SINGLE DOOR FRAMES, SPACE EQUALLY ALONG STRIKE JAMBS; PLACE TWO SINGLE BUMPERS ON DOUBLE DOOR FRAME HEADS.

J. FINISH: PRIME PAINT INTERIOR UNITS, GALVANIZE AND PRIME PAINT EXTERIOR UNITS; MINIMUM A60 GALVANIZING; CLEAN, DEGREASE AND FACTORY PRIME PAINT.

K. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND EITHER SDI OR NAAMM STANDARDS.
1. INSTALL FIRE RATED UNITS IN CONFORMANCE WITH FIRE LABEL REQUIREMENTS AND NFPA 80.
2. INSTALL DOORS AND FRAMES PLUMB AND SQUARE, AND WITH MAXIMUM DIAGONAL DISTORTION OF 1/16".

SECTION 081400 - WOOD DOORS

A. GENERAL: INSTALL WOOD DOORS AND WOOD DOOR FRAMES AS REQUIRED FOR COMPLETE INSTALLATION; COORDINATE WITH HARDWARE IN SECTION 08700.

B. STANDARDS: COMPLY WITH NATIONAL WOOD WINDOW AND DOOR ASSOCIATION (NWWDA) INDUSTRY STANDARDS FOR WOOD DOORS.

C. PROJECT CONDITIONS: DO NOT DELIVER OR INSTALL DOORS UNTIL CONDITIONS FOR TEMPERATURE AND RELATIVE HUMIDITY HAVE BEEN STABILIZED IN ACCORDANCE WITH REFERENCED STANDARDS REQUIREMENTS APPLICABLE TO PROJECT LOCATION.

D. WARRANTY: PROVIDE FOR REHANGING WOOD DOORS EXHIBITING DEFECTS IN WORKMANSHIP. WARRANTY PERIOD TWO YEARS.

E. INSTALLATION: INSTALL WOOD DOORS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS, AND REFERENCE STANDARDS, PLUMB AND SQUARE, AND WITH MAXIMUM DIAGONAL DISTORTION OF 1/16".

F. PROTECTION: PROTECT DOORS AS RECOMMENDED BY DOOR MANUFACTURER TO ENSURE DOORS ARE WITHOUT DAMAGE AT TIME OF SUBSTANTIAL COMPLETION.

SECTION 083100 - ACCESS DOORS AND PANELS

A. GENERAL: PROVIDE ACCESS DOORS AS REQUIRED FOR ACCESS TO VALVES AND CONTROLS LOCATED BEHIND FINISHED WALLS AND CEILINGS NOT OTHERWISE ACCESSIBLE, WITH ACCESSORIES FOR COMPLETE INSTALLATION.
1. COORDINATE WITH VARIOUS TRADES FOR CONTROLS AND VALVES WHICH MAY BE CONCEALED.

B. SUBMITTALS: FURNISH PRODUCT DATA FOR EACH TYPE OF ACCESS DOOR AND PANEL.

C. MANUFACTURERS: STEALTH, AVAILABLE THROUGH MDI SUPPLY (888-634-3667) AND SEVERAL OTHER SUPPLIERS; KARP ASSOCIATES INC., MASPETH, N.Y. (718-784-2105)
1. SALES AREA (NON-RATED): STEALTH DROP-IN STYLE CEILING ACCESS PANEL WITH ROUNDED CORNERS. SEE CEILING PLAN FOR SIZES AND LOCATIONS.
2. SALES AREA (RATED): KARP MODEL #KATR PRIME COATED STEEL WITH STAINLESS STEEL CAM LATCH ON RECESSED DOOR. SEE CEILING PLAN FOR SIZES AND LOCATIONS.
3. NON-SALES AREA (NON-RATED): KARP MODEL #DSC-214M. PRIME COATED STEEL WITH STUD LATCH. SEE CEILING PLAN FOR SIZES AND LOCATIONS.
4. NON-SALES AREA (RATED): KARP MODEL #KRP-150FR PRIME COATED STEEL WITH RING TURN LATCH. SEE CEILING PLAN FOR SIZES AND LOCATIONS.

D. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND APPLICABLE REQUIREMENTS FOR FIRE RATINGS.
1. SET FRAMES ACCURATELY IN POSITION AND SECURELY ATTACH TO SUPPORTS WITH FACE PANELS PLUMB OR LEVEL IN RELATION TO ADJACENT FINISH SURFACES.
2. ADJUST HARDWARE AND DOORS AFTER INSTALLATION FOR PROPER OPERATION.
3. REMOVE AND REPLACE DOORS OR FRAMES WHICH ARE WARPED, BOWED OR OTHERWISE DAMAGED.

SECTION 083326 - OVERHEAD COILING GRILLES

PART 1 - GENERAL
1.01 SECTION INCLUDES
A. ALUMINUM OVERHEAD COILING GRILLES.

1.02 SUBMITTALS: SEE SECTION 013000

1.03 SUMMARY
A. ROLLING GRILLE PROVIDED AND INSTALLED BY BBWI. GENERAL CONTRACTOR TO VERIFY GRILLE IS TRUE, PLUMB, AND OPERATING PROPERLY, BEFORE INSTALLER LEAVES PREMISES

PART 2 - PRODUCT
2.01 MANUFACTURERS
A. DAGENDOR LTD, 504 RIVIERE S., ST-EUSTACHE, QC J7R 0E2, (800) 301-0097

PART 3 - EXECUTION
3.01 PREPARATION
A. PREPARE OPENING(S) TO RECEIVE GRILLE(S) AS REQUIRED BY MANUFACTURER.
B. GENERAL CONTRACTOR TO SUPPLY GRILLE INSTALLERS WITH FINISH FLOOR ELEVATION FOR PROPER INSTALLATION OF GRILLE LOCK AS WELL AS PRECISE GRILLE LOCATION ON FLOOR LAYOUT.

3.02 INSTALLATION (BY VENDOR INSTALLERS)
A. INSTALL AS SHOWN ON DRAWINGS IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS ADJUST FOR SMOOTH AND EASY OPERATION.
B. CAREFULLY COORDINATE INSTALLATION AND HOOK-UP OF ROLLING GRILLE WITH ALL AFFECTED TRADES. REFER TO DOOR SCHEDULE

SECTION 083516 - SLIDING GRILLES

PART 1 - GENERAL
1.01 SECTION INCLUDES
A. MANUALLY - OPERATED SLIDING SECURITY GRILLES
B. RELATED SECTIONS
1. SECTION 055000-METAL FABRICATIONS - FOR MISCELLANEOUS STEEL SUPPORT BRACKETS AND GUIDES.
1.02 REFERENCES
A. AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION. (AAMA):
1. AAMA 611, VOLUNTARY SPECIFICATION FOR ANODIZED ARCHITECTURAL ALUMINUM.
B. ASTM INTERNATIONAL:
1. ASTM B 221, STANDARD SPECIFICATION FOR ALUMINUM AND ALUMINUM ALLOY EXTRUDED BARS, RODS, WIRE, PROFILES AND TUBES.
1.03 SUBMITTALS
A. PRODUCT DATA: MANUFACTURER'S PRINTED PRODUCT INFORMATION IDENTIFYING ALL COMPONENTS, FINISHES AND OPTIONS.
B. SHOP DRAWINGS: SHOW EACH INSTALLATION INCLUDING COMPONENTS NOT DIMENSIONED OR DETAILED IN PRODUCT DATA. INCLUDE ELEVATIONS, PLANS, SECTIONS, DETAILS AND ATTACHMENT TO OTHER WORK.
C. SAMPLES: FOR EACH TYPE OF EXPOSED FINISH REQUIRED.
1.04 QUALITY ASSURANCE
A. SOURCE LIMITATIONS: OBTAIN FOLDING METAL GRILLES SPECIFIED IN THIS SECTION THROUGH ONE SOURCE FROM A SINGLE MANUFACTURER.
1.05 DELIVERY, STORAGE AND HANDLING
A. DELIVER FOLDING METAL GRILLES IN MANUFACTURER'S ORIGINAL, UNDAMAGED AND UNOPENED CONTAINERS. PROVIDE IDENTIFICATION LABELS ON EACH CONTAINER.
B. STORE FOLDING GRILLES IN LOCATIONS PROTECTED FROM WEATHER AND DAMAGE FROM CONSTRUCTION OPERATIONS.
1.06 PROJECT CONDITIONS
A. FIELD MEASUREMENTS: VERIFY DIMENSIONS OF OPENINGS WHERE FOLDING GRILLES ARE INDICATED TO BE INSTALLED. INDICATE MEASUREMENTS ON SHOP DRAWINGS.
1.07 WARRANTY
A. WARRANTY: MANUFACTURERS STANDARD WARRANTY IN WHICH MANUFACTURER AGREES TO REPLACE HINGED PANEL SECTIONS THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.

PART 2 - PRODUCT
2.01 MANUFACTURERS
A. DAGENDOR, PHONE (800) 301-0097 / (450) 491-1050, EMAIL DAGENDOR@DAGENDOR.COM., WEBSITE WWW.DAGENDOR.COM

SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

A. GENERAL: PROVIDE EXTRUDED ALUMINUM ENTRANCE SYSTEM WITH DOORS, FRAMES, HARDWARE, ANCHORAGE MATERIAL, AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.

B. STANDARDS: COMPLY WITH ARCHITECTURAL ALUMINUM MANUFACTURERS ASSOCIATION (AAMA) "ALUMINUM STORE FRONT AND ENTRANCE MANUAL."

C. CODES AND REGULATIONS: COMPLY WITH APPLICABLE CODES AND REGULATIONS.

D. SUBMITTALS: FURNISH MANUFACTURER'S LITERATURE, SHOP DRAWINGS, AND SAMPLES. PROVIDE FLORIDA PRODUCT APPROVAL DOCUMENTATION.

E. STRUCTURAL CERTIFICATES: PROVIDE CERTIFICATION BY STATE REGISTERED ENGINEER INDICATING SYSTEM COMPLIES WITH CONTRACT DOCUMENTS AND APPLICABLE CODES.

F. SPECIAL PROJECT WARRANTY: PROVIDE FOR CORRECTING FAILURES INCLUDING WIND DAMAGE AND WATER PENETRATION TO INTERIOR SURFACES, EXCESSIVE DEFLECTIONS, AND DETERIORATION OF FINISHES, WEATHER-STRIPPING AND ACCESSORIES. SPECIAL WARRANTY PERIOD SHALL BE TWO YEARS.

G. MANUFACTURERS: AS INDICATED IN DRAWINGS OR APPROVED EQUAL.

H. STOREFRONT: EXTRUDED ALUMINUM ENTRANCE SYSTEM AS INDICATED ON DRAWINGS.
1. ALUMINUM TYPE: AS RECOMMENDED BY MANUFACTURER FOR APPLICATION INDICATED, BUT NOT LESS THAN EXTRUDED ALUMINUM, ASTM B221, 6061 OR 6063 ALLOW AND T5 OR T6 TEMPER.
2. FINISH: AS INDICATED IN DRAWINGS.
3. INTERIOR STOREFRONT FINISH: AS INDICATED IN DRAWINGS.

I. GLAZING: SEE SECTION 088100
1. APPLIED GLAZING FILM: APPLY 3M FILM ON ALUMINUM FRAMED STOREFRONT GLASS WHERE INDICATED ON DRAWINGS.

J. GLAZING ACCESSORIES: OF TYPE RECOMMENDED BY MANUFACTURER TO SUIT SECURITY LOCATIONS AND APPLICATIONS FOR DRY GLAZING INSTALLATION.

K. MISCELLANEOUS MATERIALS:
1. STEEL REINFORCEMENT AND BRACKETS: MANUFACTURER'S STANDARD WITH MINIMUM 2 OZ. HOT-DIP ZINC COATING, ASTM A123, APPLIED AFTER FABRICATION.
2. BITUMINOUS PAINT: COLD-APPLIED MASTIC, SSPC PAINT 12, COMPOUND FOR 30 MIL THICKNESS PER COAT.
3. FLASHING: PROVIDE SUB-SILL FLASHING MEMBERS, MINIMUM 22 GAGE SHEET ALUMINUM OF SIZES AND SHAPED INDICATED AND AS REQUIRED TO DRAIN WATER TO EXTERIOR; MATCH ADJACENT ALUMINUM MEMBER FINISH.
4. ANCHORING DEVICES: CORROSION RESISTANT TYPE CAPABLE OF SUPPORTING ENTRANCE SYSTEM AND SUPERIMPOSED DESIGN LOADS; DESIGN TO ALLOW ADJUSTMENTS OF SYSTEM PRIOR TO BEING PERMANENTLY FASTENED IN PLACE.

L. FABRICATION: FABRICATE ALUMINUM ENTRANCE AND STOREFRONT SYSTEM TO ALLOW FOR CLEARANCES AND SHIM SPACING AROUND PERIMETER OF ASSEMBLIES TO ENABLE INSTALLATION; PROVIDE FOR THERMAL MOVEMENT.
1. ACCURATELY FIT TOGETHER JOINTS AND CORNERS; MATCH COMPONENTS ENSURING CONTINUITY OF LINE AND DESIGN' ENSURE JOINTS AND CONNECTIONS ARE FLUSH, HAIRLINE AND WEATHERPROOF.
2. SEPARATE DISSIMILAR MATERIALS WITH BITUMINOUS PAINT OR PERFORMED SEPARATORS WHICH WILL PREVENT CORROSION.

M. INSTALLATION: INSTALL ALUMINUM FRAMED STOREFRONT ASSEMBLIES, INCLUDING ENTRANCES, IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND TO MEET DESIGN REQUIREMENTS INDICATED.
1. ENSURE ASSEMBLIES ARE PLUMB, LEVEL AND FREE OF WARP OR TWIST, MAINTAIN DIMENSIONAL TOLERANCES AND ALIGNMENT WITH ADJACENT WORK.
2. USE SUFFICIENT ANCHORAGE DEVICES TO SECURELY AND RIGIDLY FASTEN ASSEMBLIES TO BUILDING.
3. INSTALL HARDWARE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, USING PROPER TEMPLATES. COORDINATE INSTALLATION OF CYLINDERS WITH SECTION 08700.
4. INSTALL SILL MEMBERS AND THRESHOLDS IN BED OF COMPOUND, JOINT FILLERS OR GASKETS TO PROVIDE WEATHER TIGHT CONSTRUCTION.
5. GLASS INSTALLATION: COMPLY WITH GANA GLAZING MANUAL AND GLAZING MANUFACTURER INSTRUCTIONS. DO NOT ALLOW GLASS TO TOUCH ANY METAL SURFACES.

N. ADDITIONAL REQUIREMENTS FOR EXTERIOR STOREFRONT SYSTEMS IN HURRICANE PRONE REGIONS. (FOR WINDSPEED GREATER THAN 90 M.P.H. ALONG U.S. ATLANTIC COAST AND GULF OF MEXICO.)
1. MANUFACTURER AND PRODUCTS:
A. TRULITE CG500 ALUMINUM FRAMED STOREFRONT SYSTEM WITH "70% KYNAR, AAMA 2605, BONE WHITE LT609-50" FINISH: 2-1/2" X 5" NOMINAL DIMENSION; NON-THERMAL; CENTER GLAZED FOR 9/16" IMPACT RESISTANT GLAZING; SCREW SPLINE FABRICATION WITH INTERIOR STRUCTURAL SILICONE GLAZED.
FOR INSULATED GLAZING LOCATIONS, USE TRULITE CG501 ALUMINUM FRAMED STOREFRONT SYSTEM WITH "70% KYNAR, AAMA 2605, BONE WHITE LT609-50" FINISH; 2-1/2" X 5" NOMINAL DIMENSION; THERMAL; CENTER GLAZED FOR 1-5/16" IMPACT RESISTANT GLAZING.
B. TRULITE 351 IMPACT DOORS ALUMINUM FRAMED ENTRANCE WITH "70% KYNAR, AAMA 2605, BONE WHITE LT609-50" FINISH: 1-3/4" THICK, MEDIUM STILE DOOR WITH 3 3/4" VERTICAL FACE DIMENSION; 3 3/4" TOP RAIL DIMENSION AND 6 1/4" BOTTOM RAIL DIMENSION TO ACCEPT 9/16" IMPACT RESISTANT GLAZING WITH INTERIOR STRUCTURAL SILICONE GLAZED.
C. APPROVED EQUALS: SUBMIT ALTERNATES TO CONSTRUCTION PM FOR APPROVAL.

2. STOREFRONT SYSTEM SHALL COMPLY WITH FLORIDA & MIAMI-DADE COUNTY STANDARDS.

3. WIND LOADS: DESIGN AND CONSTRUCT SYSTEM BASED ON APPLICABLE BUILDING CODE REQUIREMENTS FOR SPECIFIC PROJECT LOCATION AND MANUFACTURER'S FBC APPROVED PRODUCT REPORT OR MIAMI-DADE COUNTY ACCEPTABLE NOA REPORT.

4. WINDBORNE-DEBRIS-IMPACT-RESISTANCE PERFORMANCE: PASS MISSILE-IMPACT AND CYCLIC-PRESSURE TESTS WHEN TESTED ACCORDING TO ASTM E 1886 AND TESTING INFORMATION IN ASTM E 1996 FOR WIND ZONE CRITERIA FOR SPECIFIC PROJECT LOCATION.
A. LARGE-MISSILE TEST: FOR GLAZED OPENINGS LOCATED WITHIN 30 FEET OF GRADE.
B. SMALL-MISSILE TEST: FOR GLAZED OPENINGS LOCATED MORE THAN 30 FEET ABOVE GRADE.

5. AIR INFILTRATION: TESTED IN ACCORDANCE WITH ASTM E 283. AIR INFILTRATION RATE SHALL NOT EXCEED 0.06 CFM/SQ. FT. AT A STATIC AIR PRESSURE DIFFERENTIAL OF 6.24 PSF.

6. WATER RESISTANCE: TESTED IN ACCORDANCE WITH ASTM E 331. THERE SHALL BE NO LEAKAGE AT A MINIMUM STATIC AIR PRESSURE DIFFERENTIAL OF 12 PSF AS DEFINED IN AAMA 501.

7. SEE STRUCTURAL DRAWINGS FOR DESIGN WIND LOAD CRITERIA FOR STOREFRONT CURTAIN WALLS.

8. PROVIDE COMPONENTS THAT HAVE BEEN PREVIOUSLY TESTED BY AN INDEPENDENT TESTING LABORATORY CERTIFIED BY MIAMI-DADE COUNTY BUILDING CODE COMPLIANCE OFFICE (BCC0), FLORIDA BUILDING CODE (FBC), AND ASTM.

9. COMPLY WITH IMPACT RESISTANCE AND CYCLIC PRESSURE DIFFERENTIALS PER ASTM E1886 AND ASTM E199, SBCCI SSTD 12, FBC PROTOCOLS TAS 201, 202, AND 203, OR MIAMI-DADE COUNTY BBCO PROTOCOLS PA 201, 202, AND 203.

10. SAFETY REQUIREMENTS OF STOREFRONT CURTAIN WALL SHALL BE COMPLIANT WITH CPSC 16 CFR 1201 CATEGORY 11 AND ANSI Z97.1 CLASS A.

11. STRUCTURAL SILICONE SEALANT: PROVIDE STRUCTURAL SILICONE SEALANT PER STOREFRONT MANUFACTURER WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.

12. MAXIMUM CALCULATED DEFLECTION OF ANY FRAMING MEMBER IN DIRECTION NORMAL TO THE PLANE OF THE WALL WHEN SUBJECTED TO SPECIFIED PRESSURES SHALL BE LIMITED TO L/175 OF THE SPAN BUT NO MORE THAN 3/4".

SECTION 084126 - ALL-GLASS ENTRANCES AND STOREFRONTS

A. GENERAL: SECTION INCLUDES: PROVIDE SPECIAL FRAMELESS ALL-GLASS ENTRANCES AND STOREFRONTS, INCLUDING SAFETY GLASS DOORS, RELATED HARDWARE, ADJACENT GLAZING AND ACCESSORIES AS REQUIRED FOR COMPLETE, OPERATIONAL INSTALLATION.
1. RELATED WORK: SECTION 08700: CYLINDERS FOR DOOR LOCKS.

B. REFERENCES
1. GLASS ASSOCIATION OF NORTH AMERICA (GANA): GLAZING MANUAL.
2. BUILDERS HARDWARE MANUFACTURERS ASSOCIATION (BHMA): BHMA 1301/ ANSI A156.18, STANDARDS FOR MATERIALS AND FINISHES.

C. SYSTEM DESCRIPTION
1. PERFORMANCE REQUIREMENTS: PROVIDE ASSEMBLIES CAPABLE OF WITHSTANDING MINIMUM UNIFORM TEST PRESSURE OF 20 PSF INWARD AND OUTWARD PRESSURE WHEN TESTED IN ACCORDANCE WITH ASTM E330.

D. SUBMITTALS
1. PRODUCT DATA: FURNISH MANUFACTURER'S LITERATURE.
2. SHOP DRAWINGS: INDICATE COMPONENT DETAILS, MATERIALS, FINISHES, DIMENSIONS, HARDWARE AND FITTINGS, AND METHOD OF ANCHORAGE.
3. SAMPLES: FURNISH SAMPLES OF METAL FINISH.

E. QUALITY ASSURANCE
1. INSTALLER QUALIFICATIONS: FIRM WITH MINIMUM FIVE YEARS SUCCESSFUL EXPERIENCE IN INSTALLATION OF ENTRANCES SIMILAR TO THOSE SPECIFIED; APPROVED BY SYSTEM MANUFACTURER.
2. REGULATORY REQUIREMENTS: COMPLY WITH REQUIREMENTS OF APPLICABLE BUILDING CODES AND AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) TO ENSURE ACCESS TO PERSONS WITH DISABILITIES.

F. PROJECT CONDITIONS
1. CHECK OPENINGS BY FIELD MEASUREMENTS BEFORE FABRICATION TO ENSURE PROPER FITTING AND TIGHT JOINTS; COORDINATE FABRICATION WITH SHOP DRAWINGS OF ADJACENT CONSTRUCTION WHERE NECESSARY TO AVOID DELAYS.

G. MANUFACTURERS:
1. SEE ARCHITECTURAL DRAWINGS
2. SUBSTITUTIONS: REFER TO SECTION 016200

H. MATERIALS:
1. ALL-GLASS ENTRANCE SYSTEMS: PROVIDE COMPLETE SYSTEM.
   a. GLASS: NOT LESS THAN NOMINAL 1/2" THICK, LOW-IRON, SELECT GLAZING QUALITY CLEAR TEMPERED GLASS COMPLYING WITH ASTM C1048, KIND FT.
      1.1. SAFETY GLASS: CONFORM TO ANSI Z97.1 AND APPLICABLE CODES AND REGULATIONS.
      1.2. PROVIDE HORIZONTALLY TEMPERED GLASS WITHOUT TONG MARKS; VERTICAL TEMPERING PERMITTED ONLY WHERE TONG MARKS CAN BE TOTALLY CONCEALED IN FINISHED INSTALLATION.
      1.3. POLISH SIDE EDGES TO BE EXPOSED OR TO RECEIVE SEALANT; CUT GLASS TO TOLERANCES NECESSARY TO PROVIDE EVEN, 1/8" JOINTS WITHIN PLUS OR MINUS 1/16".
   b. DOOR FITTINGS: PROVIDE CUSTOM "PATCH" TYPE FITTINGS AS INDICATED ON DRAWINGS AND AS REQUIRED TO SUPPORT DORMA DOOR CONTROLS/BTS 80 FLOOR PIVOT CLOSER.
      1.1. FINISH: BHMA 630 (US32D), SATIN STAINLESS STEEL FINISHED WITH 320 GRIT SANDER TO MATCH ARCHITECT'S SAMPLE.
   c. FRAMELESS GLASS DOOR HARDWARE: MANUFACTURER'S STANDARD METAL AND FINISH TO MATCH DOOR RAILS, UNLESS OTHERWISE INDICATED. REFER TO ARCHITECTURAL DRAWINGS.
   d. ANCHORAGES AND FASTENINGS: MANUFACTURER'S STANDARD TYPES, CONCEALED EXCEPT AS OTHERWISE REQUIRED; FINISH EXPOSED FASTENERS TO MATCH ADJACENT METAL SURFACES.
   e. SEALANT: HIGH MODULUS STRUCTURAL SILICONE DESIGNED FOR STRUCTURAL GLAZING.
1. SEALANT COLOR: CLEAR
2. MANUFACTURERS:
A. DOW CORNING/SILICONE RUBBER SEALANT 999.
B. GENERAL ELECTRIC/SILICONE CONSTRUCTION SCS 1200 SEALANT.
C. PECORA/863 GLAZING SILICONE.
D. TREMCO/PROGLAZE SILICONE.
E. SUBSTITUTIONS: REFER TO SECTION 01630
   f. SIDELIGHT GLAZING CHANNELS: SATIN STAINLESS STEEL TO MATCH DOOR PATCHES; SIZED AS REQUIRED TO SUPPORT GLASS;
1. EXPOSED FINISH: MATCH SATIN FINISH FOR DOOR SYSTEM.

J. FABRICATION
1. LOCATE AND PROVIDE HOLES AND CUTOUTS TO RECEIVE HARDWARE BEFORE TEMPERING GLASS; DO NOT PERMIT CUTTING, DRILLING OR OTHER GLASS ALTERATIONS AFTER TEMPERING.
   a. POLISH EXPOSED ENDS OF GLASS; ROUND EDGES SLIGHTLY.
2. FABRICATE ALL-GLASS ENTRANCE SYSTEM TO ACCOMMODATE REQUIRED HARDWARE AND ACCESSORY ITEMS.
3. INSTALL HARDWARE AT FABRICATION PLANT; REMOVE ONLY AS REQUIRED FOR FINAL FINISHING OPERATIONS, AND FOR DELIVERY AND INSTALLATION OF WORK AT PROJECT SITE.

K. EXAMINATION
1. EXAMINE AREAS AND CONDITIONS UNDER WHICH WORK IS TO BE INSTALLED.
2. BEGINNING INSTALLATION SIGNIFIES ACCEPTANCE OF CONDITIONS.

L. INSTALLATION
1. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.
   a. INSTALL GLAZING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND GANA GLAZING MANUAL.
2. SET UNITS PLUMB, LEVEL AND TRUE TO LINE, WITHOUT WARP OR RACK; ANCHOR SECURELY IN PLACE.
3. SEPARATE ALUMINUM AND OTHER CORRODIBLE METAL SURFACES FROM SOURCES OF CORROSION OR ELECTROLYTIC ACTION AT POINTS OF CONTACT WITH OTHER MATERIALS.

M. ADJUSTING: ADJUST OPERATING HARDWARE TO ENSURE PROPER OPERATION.
N. CLEANING: CLEAN SURFACES USING MANUFACTURER'S RECOMMENDED CLEANING METHODS.

SECTION 087100 - DOOR HARDWARE

A. GENERAL: PROVIDE DOOR HARDWARE FOR HOLLOW METAL DOORS AND FOR WOOD DOORS, AND PROVIDE CYLINDERS FOR DOORS PROVIDED WITH HARDWARE, WITH ACCESSORIES AS REQUIRED FOR COMPLETE OPERATIONAL DOOR INSTALLATION.

B. STANDARDS: COMPLY WITH BUILDERS HARDWARE MANUFACTURERS ASSOCIATION (BHMA) ANSI/BHMA 156 SERIES STANDARDS.

C. CODES AND REGULATIONS: COMPLY WITH STATE AND FEDERAL REQUIREMENTS FOR ENSURING ACCESS FOR PERSONS WITH DISABILITIES.
1. FIRE RATED DOORS: COMPLY WITH REQUIREMENTS OF NFPA 80 AND APPLICABLE CODES FOR FIRE RATED DOOR HARDWARE; PROVIDE HARDWARE BEARING UNDERWRITERS LABORATORY (UL) LABELS.

D. SUBMITTALS: FURNISH SHOP DRAWINGS, PRODUCT DATA INCLUDING KEYING SCHEDULE, AND SAMPLES OF EACH REQUIRED STYLE AND FINISH.
1. SUPPLY TEMPLATES TO DOOR AND FRAME MANUFACTURERS FOR PROPER AND ACCURATE SIZING AND LOCATIONS OF CUT-OUTS FOR HARDWARE.

E. GENERAL MATERIALS: PROVIDE COMPLETE HARDWARE WITH ACCESSORIES AS REQUIRED FOR DOORS AND APPLICATIONS INDICATED AND NOT PROVIDED UNDER OTHER SECTIONS.

F. HINGES: HAGES, LAWRENCE, MCKINNEY, OR STANLEY; FULL MORTISED HINGES; SIZE AND NUMBER AS RECOMMENDED BY MANUFACTURER; NON REMOVABLE PINS AT EXTERIOR OUT SWINGING DOORS, BLABBERING HINGES AT FIRE RATED DOORS AND DOORS WITH CLOSURES.

G. LOCKSET/LATCHSETS: SCHLAGE, SARGENT, YALE, OR U-CHANGE; FULL MORTISE LOCKSETS TYPICAL AT DOORS TO PUBLIC AREAS, CYLINDRICAL LOCKSETS AND LATCHSETS AT OTHER LOCATIONS, SOLID LEVER TYPE WITH ROSE, KEYING AS DIRECTED BY OWNER; PROVIDE CYLINDERS FOR DOORS FURNISHED WITH LOCKS. (U CHANGE CUSTOMER SERVICE: 1-800-253-5625).

H. OVERHEAD CLOSURES: LCN/4000 SERIES OR NORTON/7500 FULLY ADJUSTABLE: MODERN TYPE WITH COVER.

I. ACCESSORIES: PROVIDE DOOR STOPS, THRESHOLDS, WEATHER-STRIPPING, TRIM, COORDINATORS AND ACCESSORIES AS REQUIRED FOR COMPLETE OPERATIONAL DOOR INSTALLATION.
1. THRESHOLDS, STOPS, TRIMS AND MISCELLANEOUS HARDWARE. PROVIDE AS INDICATED, AS SPECIFIED, AS INCLUDED IN HARDWARE SCHEDULE, AND AS REQUIRED FOR COMPLETE INSTALLATION.

2. WEATHER-STRIPPING: PROVIDE CONTINUOUS WEATHER-STRIPPING AT TOP AND SIDES OF EXTERIOR DOORS.

3. FIRE RATED GASKETS: PROVIDE CONTINUOUS FIRE RATED GASKETS AT TOP AND SIDE OF FIRE RATED DOORS.

4. THROUGH BOLTS: THROUGH BOLTS AND GROMMET NUTS SHALL BE AVOIDED ON DOOR FACES IN HIGHLY VISIBLE AREAS, UNLESS NO ALTERNATIVE IS POSSIBLE, AS DIRECTED AND APPROVED, AND SHALL NOT BE USED FOR SOLID WOOD CORE DOORS.

J. FINISH: BHMA 626 (US26D), SATIN FINISHED CHROMIUM PLATED UNLESS OTHERWISE INDICATED.

K. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS, BHMA, AND APPLICABLE REQUIREMENTS FOR ACCESS AND FOR FIRE RATINGS.
1. FIT HARDWARE PRIOR TO PAINTING, THEN REMOVE FOR PAINTING OF DOORS AND FRAMES BEFORE FINAL INSTALLATION OF HARDWARE.

2. HEIGHT TO COMPLY WITH APPLICABLE CODES AND BHMA RECOMMENDATIONS.

3. HARDWARE GROUPS: REFER TO DRAWINGS.

SECTION 088100 - GLASS GLAZING

A. SUBMITTALS: SUBMIT PRODUCT DATA AND FLORIDA PRODUCT APPROVAL DOCUMENTATION.

B. GENERAL: PROVIDE FULLY TEMPERED GLASS AND G.C. FURNISHED FILM ON GLASS (AS REQUIRED). GLASS THICKNESS SHALL BE PER ARCHITECTURAL DRAWINGS. PROVIDE GLAZING ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.

C.

D. STANDARDS: COMPLY WITH GLASS ASSOCIATION OF NORTH AMERICA (GANA) "GLAZING MANUAL".

E. CODES: SAFETY GLAZING SHALL COMPLY WITH CONSUMER PRODUCT STANDARD 16 CFR 1201, CATEGORY 11, AND SHALL HAVE PASSED ANSI Z97.1, CLASS A.

F. MANUFACTURERS: PILKINGTON LOF, GUARDIAN, OR PPG.

G. GLAZING SEALANT: ONE COMPONENT SILICONE GLAZING SEALANT; PROVIDE AS RECOMMENDED BY SEALANT MANUFACTURER FOR APPLICATIONS INDICATED, HIGH MODULUS TYPE AT STRUCTURAL SILICONE BUTT GLAZING.
1. MANUFACTURERS: DOW OR GE.

F. SETTING BLOCKS AND SPACERS: NEOPRENE OR EPDM, SILICONE COMPATIBLE WHERE IN CONTACT WITH SILICONE SEALANT.

G. PREPARATION: CLEAN GLAZING CHANNELS AND FRAMING MEMBERS TO RECEIVE GLASS IMMEDIATELY BEFORE GLAZING: REMOVE COATINGS NOT FIRMLY BONDED TO SUBSTRATE.

H. INSTALLATION: COMPLY WITH GANA GLAZING MANUAL AND SEALANT MANUAL AND GLAZING MANUFACTURER INSTRUCTIONS
1. DO NOT ALLOW GLASS TO TOUCH METAL SURFACES

2. COMPLY WITH NFPA 80 FOR GLASS IN FIRE RATED OPENINGS

3. PLACE SETTING BLOCKS AT QUARTER POINTS IN THIN COURSE OF SEALANT

4. INSTALL REMOVABLE STOPS WITH GLASS CENTERED IN SPACE WITH SPACER SHIMS AT 2'-0" INTERVALS ON BOTH SIDES OF GLASS, 1/4" BELOW SIGHTLINE.

5. SEALANT GLAZING: FILL GAP BETWEEN GLASS AND STOPS WITH SEALANT TO DEPTH EQUAL TO BITE OF FRAME ON GLASS BUT NOT MORE THAN 3/8" BELOW SIGHTLINE.

SECTION 088300 - MIRRORS

SUMMARY: THIS SECTION INCLUDES NEW WALL MOUNTED GLASS MIRRORS.

A. QUALITY ASSURANCE
1. INSTALLER QUALIFICATIONS: AN EXPERIENCED INSTALLER WHO HAS COMPLETED MIRROR GLAZING SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED; WHOSE WORK HAS RESULTED IN MIRROR INSTALLATIONS WITH A RECORD OF NOT LESS THAN 5 YEARS OF SUCCESSFUL IN-SERVICE PERFORMANCE.

2. SOURCE LIMITATIONS FOR MIRRORS: OBTAIN MIRRORS FROM ONE SUPPLIER/MANUFACTURER FOR EACH TYPE OF MIRROR INDICATED.

3. SOURCE LIMITATIONS FOR GLAZING ACCESSORIES: OBTAIN GLAZING ACCESSORIES FROM ONE SOURCE FOR EACH TYPE OF ACCESSORY INDICATED.

4. GLAZING PUBLICATIONS: COMPLY WITH THE APPLICABLE RECOMMENDATIONS OF THE FOLLOWING. WHERE RECOMMENDATIONS CONFLICT THE MORE STRINGENT SHALL APPLY.
   a. GLASS ASSOCIATION OF NORTH AMERICA (GANA): "GLAZING MANUAL" AND THE MIRROR DIVISION'S "MIRRORS, HANDLE WITH EXTREME CARE: TIPS FOR THE PROFESSIONAL ON THE CARE AND HANDLING OF MIRRORS."
   b. NATIONAL GLASS ASSOCIATION (NGA): "CUSTOM MIRRORS, FABRICATION AND INSTALLATION.

B. DELIVERY, STORAGE, AND HANDLING.
1. PROTECT MIRRORS ACCORDING TO MIRROR MANUFACTURER'S WRITTEN INSTRUCTIONS AND AS NEEDED TO PREVENT DAMAGE TO MIRRORS FROM CONDENSATION, TEMPERATURE CHANGES DIRECT EXPOSURE TO SUN, OR OTHER CAUSES.

2. COMPLY WITH MIRROR MANUFACTURER'S WRITTEN INSTRUCTIONS FOR SHIPPING, STORING, AND HANDLING MIRRORS AS NEEDED TO PREVENT DETERIORATION OF SILVERING, DAMAGE TO EDGES, AND ABRASION OF GLASS SURFACES AND APPLIED COATINGS. STORE INDOORS, PROTECTED FROM MOISTURE INCLUDING CONDENSATION.

C. PROJECTION CONDITIONS: ENVIRONMENTAL LIMITATIONS - DO NOT INSTALL MIRRORED GLASS UNTIL AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS ARE MAINTAINED AT LEVELS INDICATED FOR FINAL OCCUPANCY.

D. SILVERED FLAT GLASS MIRROR MATERIAL: 6.0 MM THICK AND COMPLYING WITH ASTM C 1503, MIRROR SELECT QUALITY FOR USE IN VISUALLY DEMANDING APPLICATIONS REQUIRING MINIMAL DISTORTIONS AND BLEMISHES.
E. FABRICATION
1. CUTOUTS: FABRICATE CUTOUTS FOR NOTCHES AND HOLES IN MIRRORS WITHOUT MARRING VISIBLE SURFACES. LOCATE AND SIZE CUTOUTS SO THEY FIT CLOSELY AROUND PENETRATIONS IN MIRRORS.

2. MIRROR EDGE TREATMENT: CUTTING AND POLISHING
   a. TYPICAL MIRRORS: FLAT EDGES WHERE THE CLEAN CUT "SQUARE" EDGE OF THE GLASS IS FLAT AND SURFACES EDGES ARE SLIGHTLY ARRISSED. AFTER GRINDING THE ARISSES, EDGES SHALL BE POLISHED TO A HIGH GLOSS SURFACE WHERE THE SURFACE REFLECTIVITY IS SIMILAR IN APPEARANCE TO THE MAJOR SURFACE OF THE GLASS.
   b. BEVELED EDGED MIRRORS: PROVIDE BEVELED EDGED MIRRORS WHERE THE SURFACE EDGE OF THE GLASS IS BEVELED TO WIDTH INDICATED ON THE OWNER FURNISHED DRAWINGS. THE ANGLE FORMED BY THE INTERSECTION OF THE PLANCE OF THE BEVEL WITH THE MAJOR SURFACE FACE OF THE GLASS SHALL BE BETWEEN 3 TO 10 DEGREES. THE BEVELED SURFACE AND THE NOSE OF THE BEVEL SHALL BE POLISHED TO A HIGH GLOSS SURFACE WHERE THE SURFACE REFLECTIVITY IS SIMILAR IN APPEARANCE TO THE MAJOR SURFACE OF THE GLASS.
   c. EDGE SEALING: IMMEDIATELY AFTER CUTTING THE FINAL SIZES, AND APPLYING EDGE TREATMENT; FACTORY SEAL EDGES OF MIRRORS WITH EDGE SEALER TO PREVENT CHEMICAL OR ATMOSPHERIC PENETRATION OF GLASS COATING.

F. MISCELLANEOUS MATERIALS

1. SETTING BLOCK: NON-RUBBER OR NON-NEOPRENE BASED ELASTOMERIC MATERIAL MANUFACTURED FOR SETTING SILVERED FLAT GLASS MIRRORS, COMPATIBLE WITH ADHESIVE USED FOR PLACEMENT, WITH A TYPE A SHORE DUROMETER HARDNESS OF 85, PLUS OR MINUS 5. 1/8" WIDE X 1/4" HIGH X 4" LONG.

2. EDGE SEALER: COATING COMPATIBLE WITH GLASS COATING AND APPROVED BY MIRROR MANUFACTURER FOR USE IN PROTECTING AGAINST SILVER DETERIORATION AT MIRROR EDGES.

3. MIRROR MASTIC: PALMER PRODUCTS CORP., "QWIKSET MIRRO-MASTIC", (502) 893-3668, (800) 431-6151, FAX (502) 895-9253.

4. DRYWALL AND PLYWOOD PAINT (POROUS SUBSTRATE PRIMER): MASTERCHEM INDUSTRIES INC., "KILLZ ORIGINAL", (866) 744-6371

5. TOP AND BOTTOM ALUMINUM J CHANNELS: ALUMINUM EXTRUSIONS WITH A RETURN DEEP ENOUGH TO PRODUCE A GLAZING CHANNEL TO ACCOMMODATE 6 MM THICK MIRRORS AND HEAVY BODIED MIRROR MASTIC SPECIFIED AND IN A SINGLE PIECE. THE ENDS OF THE BACK LIPS OF ALL CHANNELS SHALL BE FACTORY SNIPPED AND FILED SO THAT THEY WILL NOT BE SEEN AFTER INSTALLATION.
   a. BOTTOM TRIM: C.R. LAURENCE CO. INC., 1/4" STANDARD "J" CHANNEL (CATALOG NUMBER D636P POLISHED FINISH), (800) 421-6144, FAX (800) 262-3299. J-CHANNELS FORMED WITH FRONT LEG AND BACK LEG NOT LESS THAN 3/8" AND 7/8" IN HEIGHT, RESPECTIVELY.
   b. TOP TRIM: C.R. LAURENCE CO. INC., 1/4" DEEP NOSE "J" CHANNEL (CATALOG NUMBER D645P POLISHED FINISH), (800) 421-6144, FAX (800) 262-3299. J-CHANNELS FORMED WITH FRONT LEG AND BACK LEG NOT LESS THAN 5/8" AND 1-3/16" IN HEIGHT, RESPECTIVELY.

6. STUD FASTENERS: PROVIDE #6 GAGE DIAMETER, 1-5/8" LONG, PHILLIPS BUGLE HEAD, SLEF-DRILLING TYPE, FINE THREADED STEEL SCREW FASTENERS IN QUANTITY AS REQUIRED FOR SUPPORT AND FASTENING OF WOOD TRIMS AND MIRRORS CHANNELS TO DRYWALL STUD FRAMING AND SHEET METAL BACKER PLATES. HILTI KWI-PRO SELF DRILL DRYWALL SCREWS, ORDERING NAME: 6" X 1'-5/8" PBH SD, ITEM #: 00086216; HILTI CORPORATION (800) 879-8000.

7. PLASTIC WOOD FILLER: COMMERCIAL QUALITY WOOD FILLER SPECIFICALLY MANUFACTURED TO ADVANCE THE FINAL BUILD AND SMOOTHNESS OF THE INSTALLED WOOD TRIM SURFACE BY FILLING DENTS, SCRATCHES, MITER JOINTS, AND VOIDS ABOVE COUNTERSUNK FASTENER HEADS. THE SELECTED FILLER SHALL BE EITHER NEUTRAL OR TINTED TO MATCH THE COLOR OF THE WOOD TRIM.

8. PLYWOOD FASTENERS: PROVIDE MINIMUM #6 GAGE DIAMETER, PHILLIPS FLAT HEAD, SHARP POINTED, COARSE THREADED, STEEL WOOD SCREW FASTENERS IN QUANTITY AS REQUIRED. FURNISH PLYWOOD FASTENERS IN LENGTH AS REQUIRED TO SPAN THROUGH WOOD MIRROR TRIM, AND MIRROR CHANNELS, PLUS 3/4".

9. WOOD MIRROR TRIM.

G. EXAMINATION
1. EXAMINE SUBSTRATES, OVER WHICH MIRRORS ARE TO BE MOUNTED, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH INSTALLATION TOLERANCES, SUBSTRATE PREPARATION, AND OTHER CONDITIONS AFFECTING PERFORMANCE.
   a. VERIFY COMPATIBILITY AND SUITABILITY OF SUBSTRATES, INCLUDING COMPATIBILITY OF MIRROR MASTIC WITH EXISTING FINISHES OR PRIMERS. PROCEED WITH MIRRORED GLASS INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED AND SURFACES ARE DRY.

H. PREPARATION
1. COMPLY WITH MASTIC MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS FOR PREPARATION OF SUBSTRATES.
   a. MIRROR, DRYWALL AND PLYWOOD SUBSTRATES SHALL BE FREE OF DUST, BE CLEAN, AND DRY PRIOR TO APPLICATION OF MIRROR MASTIC AND DRYWALL AND PLYWOOD PAINT. IF PLYWOOD OR DRYWALL SURFACES HAVE BEEN PAINTED PRIOR TO APPLICATION OF THE SPECIFIED DRYWALL AND PLYWOOD PAINT THE EXISTING PAINT SHALL BE SANDED THROUGH THE ORIGINAL SURFACE AND THE SUBSTRATE CLEANED PRIOR TO THE APPLICATION OF DRYWALL AND PLYWOOD PAINT.

I. GLAZING

1. GENERAL: INSTALL MIRRORS WITH MIRROR GLAZING CHANNELS TO COMPLY WITH WRITTEN INSTRUCTION OF MIRROR AND MIRROR GLAZING CHANNEL MANUFACTURERS, WITH REFERENCED GANA AND NGA PUBLICATIONS, OWNER FURNISHED DRAWINGS, AND AS SPECIFIED. MOUNT MIRRORS PLUMB, IN LINE AND IN A MANNER THAT AVOIDS DISTORTING REFLECTED IMAGES.

2. COMPLY WITH MASTIC MANUFACTURER'S PRINTED DIRECTIONS FOR PREPARATION AND SEALING OF MOUNT SURFACES BY SEALING DRYWALL, AND PLYWOOD, SUBSTRATES WITH DRYWALL AND PLYWOOD PAINT. ALLOW PAINT TO DRY BEFORE APPLYING MIRROR MASTIC.

3. MIRROR CHANNEL INSTALLATION:
   a. TO PLYWOOD: DRILL, DO NOT DIMPLE, BACK LIP OF CHANNEL TO RECEIVE FASTENERS WITH HOLES PROPERLY SIZED AND SPACED TO RECEIVE FASTENERS. ATTACH MIRROR CHANNELS BY SCREW ATTACHING MIRROR CHANNEL THROUGH THE BACK LIP OF THE CHANNEL TO PLYWOOD SUBSTRATE IN ACCORDANCE WITH THE FASTENER MANUFACTURERS WRITTEN INSTRUCTIONS. INSTALL THE WEB OF THE TOP CHANNEL 1/4" HIGHER THAN THE HEIGHT OF THE MIRROR TO ALLOW THE RAISING OF THE MIRROR IN TO THE TOP CHANNEL AND ITS SUBSEQUENT LOWERING INTO THE BOTTOM CHANNEL. AFTER INSTALLING FASTENERS PLACE MASKING TAPE OVER THE ENTIRE LENGTH OF THE BACK LIP OF THE CHANNEL COMPLETELY COVERING THE FASTENER HEADS TO PROTECT THE MIRROR FROM BEING CHIPPED IN SETTING. ADHERE SETTING BLOCKS AT QUARTER POINTS FOR BOTTOM MIRROR CHANNELS USING ONLY 2 SETTING BLOCKS PER MIRROR PANEL.
   b. TO DRYWALL: MARK THE LOCATIONS FOR THE STUD FASTENERS ON THE BACK LIP OF EACH MIRROR CHANNEL AT EQUAL INTERVALS NOT OVER 8" ON CENTER, AND NOT MORE THAN 3" FROM ENDS PRIOR TO DRILLING THE CHANNEL. DRILL AND COUNTERSINK, DO NOT DIMPLE BACK LIP OF CHANNEL TO RECEIVE STUD FASTENERS AT MARKED LOCATIONS WITH HOLES PROPERLY SIZED TO RECEIVE STUD FASTENERS. ATTACH MIRROR CHANNELS BY SCREW ATTACHING MIRROR CHANNEL THROUGH THE BACK LIP OF THE CHANNEL THROUGH DRYWALL, STUD FRAMING AND SHEET METAL BACKER PLATE SUBSTRATES IN ACCORDANCE WITH THE FASTENERS MANUFACTURERS WRITTEN INSTRUCTIONS.

   INSTALL THE WEB OF THE TOP CHANNEL 1/4" HIGHER THAN THE HEIGHT OF THE MIRROR TO ALLOW THE RAISING OF THE MIRROR INTO THE TOP CHANNEL AND ITS SUBSEQUENT LOWERING ONTO THE WEB OF THE BOTTOM CHANNEL. AFTER INSTALLING FASTENERS PLACE MASKING TAPE OVER THE ENTIRE LENGTH OF THE BACK LIP OF THE CHANNEL COMPLETELY COVERING THE FASTENER HEADS TO PROTECT THE MIRROR FROM BEING CHIPPED IN SETTING. ADHERE SETTING BLOCKS TO THE WEB OF THE BOTTOM MIRROR CHANNELS, LOCATED AT QUARTER POINTS, USING 2 SETTING BLOCKS PER MIRROR PANEL.

4. WOOD TRIM & INSTALLATION
   a. BEFORE INSTALLING MIRROR WOOD TRIM, EXAMINE SHOP-FABRICATED WORK FOR COMPLETION AND COMPLETE WORK AS REQUIRED. PRIME TO ALL EXPOSED SURFACES OF THE MIRROR WOOD TRIM WHICH WILL BE IN CONTACT WITH THE MIRROR BACKING TO ELIMINATE INTERACTIONS BETWEEN THE RESINS IN THE WOOD AND THE MIRROR BACKING.
   b. INSTALL MIRROR WOOD TRIM PLUMB, LEVEL, TRUE AND STRAIGHT WITH NO DISTORTIONS. SCRIBE AND CUT MIRROR WOOD TRIM TO FIT ADJOINING WORK, AND REFINISH CUT SURFACES AND REPAIR DAMAGED FINISH AT CUTS. INSTALL WITH MINIMUM NUMBER OF JOINTS POSSIBLE, USING FULL-LENGTH PIECES (FROM MAXIMUM LENGTH OF WOOD TRIM AVAILABLE) TO GREATEST EXTENT POSSIBLE. DO NOT USE PIECES LESS THAN 16" LONG, EXCEPT WHERE SHORTER SINGLE-LENGTH PIECES ARE NECESSARY. SCARF RUNNING JOINTS. MITERS OVER 4" LONG SHALL BE SPLINED AND GLUED.

J. PROTECTION AND CLEANING

1. PROTECT MIRRORS FROM BREAKAGE AND CONTAMINATING SUBSTANCES RESULTING FROM CONSTRUCTION OPERATIONS. USING CLEAN WARM WATER, CLEAN MIRRORS BY METHODS RECOMMENDED IN REFERENCED GLAZING STANDARDS.

No.	Revisions	Date
3	ISSUED FOR PERMIT	10 NOV 2026
2	ISSUED FOR LANDLORD REVIEW	29 OCT 2026
1	ISSUED FOR CLIENT REVIEW	15 OCT 2026

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2026-11-10

Drawn	AL	Scale	N.T.S.
Checked	S.W.	Date	OCT 2026
Title	SPECIFICATIONS		
Project No.	26-108	Drawing No.	A103

DIVISION 09 - FINISHES

SECTION 092115 - GYPSUM BOARD ASSEMBLIES

A. GENERAL: PROVIDE GYPSUM BOARD SYSTEMS INCLUDING METAL FRAMING ACCESSORIES, GYPSUM BOARD, JOINT TREATMENT, ACOUSTICAL INSULATION, ACOUSTICAL SEALANT, AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.

B. STANDARDS: COMPLY WITH ASTM C754 AND ASTM C840, AND REQUIREMENTS FOR FIRE RATINGS.
1. DEFLECTION: MAXIMUM L/360 TYPICAL, L/360 AT LOCATIONS INDICATED TO RECEIVE TILE.

C. FIRE-RATED ASSEMBLIES: LISTED BY UNDERWRITER'S LABORATORY, GYPSUM ASSOCIATION (GA) FILE NO'S IN GA-600 FIRE RESISTANCE DESIGN MANUAL, OR OTHER LISTING APPROVED BY APPLICABLE AUTHORITIES.

D. SYSTEMS RESPONSIBILITY: PROVIDE PRODUCTS MANUFACTURED BY OR RECOMMENDED BY MANUFACTURER OF GYPSUM BOARD TO MAINTAIN SINGLE-SOURCE RESPONSIBILITY FOR SYSTEM.

E. MANUFACTURERS: USG, GEORGIA PACIFIC, OR NATIONAL GYPSUM.

F. METAL FRAMING: CONFORM TO ASTM C645 & C754; COMPLETE 16 GAGE AND LIGHTER STEEL FRAMING AND SUSPENSION SYSTEM FOR GYPSUM BOARD SYSTEMS; PROVIDE ACCESSORIES REQUIRED FOR COMPLETE INSTALLATION
1. MANUFACTURED SUSPENSION SYSTEM SUCH AS CHICAGO METALLIC/DRYWALL SYSTEM IS ACCEPTABLE.

G. GYPSUM BOARD: CONFORM TO C840; UL LISTED FIRE RESISTANT GYPSUM BOARD THROUGHOUT.
1. STANDARD: ASTM C36, 5/8" THICK.

2. CORE BOARD: ASTM C442, 1" THICK.

H. GYPSUM BOARD ACCESSORIES: COMPLY WITH ASTM C840.
1. PROVIDE PROTECTIVE COATED STEEL CORNER BEADS AND EDGE TRIM; TYPE DESIGNED TO BE CONCEALED IN FINISHED CONSTRUCTION BY TAPE AND JOINT COMPOUND.

2. CORNER BEADS: MANUFACTURER'S STANDARD METAL BEADS.

3. REINFORCING TAPE, JOINT COMPOUND, ADHESIVE, WATER, FASTENERS: TYPES RECOMMENDED BY SYSTEM MANUFACTURER AND CONFORMING WITH ASTM C475.

4. AIR INFILTRATION: AIR INFILTRATION RATE SHALL NOT EXCEED 0.06 CFM/FT2 AT A STATIC AIR PRESSURE DIFFERENTIAL OF 6.24 PSF AS TESTED IN ACCORDANCE WITH ASTM E283.

5. WATER RESISTANCE: THERE SHALL BE NO LEAKAGE AT A MINIMUM STATIC AIR PRESSURE DIFFERENTIAL OF 12 PSF AS TESTED PER ASTM E331.

6. MAXIMUM CALCULATED DEFLECTION OF ANY FRAMING MEMBER IN DIRECTION NORMAL TO THE PLANE OF THE WALL WHEN SUBJECTED TO SPECIFIED PRESSURES SHALL BE LIMITED TO L/175 OF THE SPAN BUT NO MORE THAN 3/4".

I. FIRE RATED CONSTRUCTION: COMPLY WITH UNDERWRITER'S LABORATORIES CERTIFIED FIRE TESTS AND APPLICABLE CODE REQUIREMENTS.
1. SHAFT WALL SYSTEM: PROVIDE AT SHAFTS AND WHERE INDICATED.

J. ACOUSTICAL ACCESSORIES: PROVIDE ASTM C665, TYPE I ACOUSTICAL INSULATION AND ASTM C919 PAINTABLE ACOUSTICAL SEALANTS WHERE ACOUSTICAL SYSTEMS ARE INDICATED.

K. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS, REFERENCED AND APPLICABLE REQUIREMENTS FOR FIRE RATINGS AND ACOUSTICAL RATINGS.
1. SPECIAL METAL STUD AND GYPSUM DOOR. PROVIDE SPECIAL CONFIGURATION AS INDICATED ON DRAWINGS.

L. METAL FRAMING ERECTION: ERECT METAL FRAMING IN ACCORDANCE WITH ASTM C754 AND MANUFACTURER'S RECOMMENDATIONS.

1. INSTALL MEMBERS TRUE TO LINES AND LEVELS TO PROVIDE SURFACE FLATNESS WITH MAXIMUM VARIATION OF 1/8" IN 10'-0" IN ANY DIRECTION.

2. DOOR OPENING FRAMING: INSTALL DOUBLE STUDS AT DOOR FRAME JAMBS; INSTALL RUNNERS ON EACH SIDE OF OPENING AT FRAME HEAD HEIGHT BETWEEN JAMB STUDS AND ADJACENT STUDS.

3. INSTALL METAL FRAMING BACKING WHERE REQUIRED FOR SUPPORT OF FIXTURES, CABINETS, ACCESSORIES AND HARDWARE.

4. COORDINATE INSTALLATION OF BUCKS, ANCHORS, BLOCKING, ELECTRICAL AND MECHANICAL WORK WHICH IS TO BE PLACED IN OR BEHIND PARTITION FRAMING; ALLOW ITEMS TO BE INSTALLED AFTER FRAMING IS COMPLETE.

M. CEILING FRAMING INSTALLATION: ERECT IN ACCORDANCE WITH ASTM C754 AND MANUFACTURER'S RECOMMENDATIONS. REINFORCE OPENINGS IN CEILING SUSPENSION SYSTEM. LATERALLY BRACE ENTIRE SUSPENSION SYSTEM.

N. GYPSUM BOARD INSTALLATION: INSTALL IN ACCORDANCE WITH ASTM C840 AND MANUFACTURER'S RECOMMENDATIONS. USE SCREWS WHEN FASTENING GYPSUM BOARD TO FURRING AND TO FRAMING.
1. FOR FIRE RATED SYSTEMS COMPLY WITH REQUIREMENTS FOR FIRE RATINGS.

2. PLACE CORNER BEADS AT EXTERNAL CORNERS; USE LONGEST PRACTICAL LENGTHS.

3. PLACE EDGE TRIM WHERE GYPSUM BOARD ABUTS DISSIMILAR MATERIALS.

4. TAPE, FILL, AND SAND EXPOSED JOINTS, EDGES, CORNERS AND OPENINGS TO PRODUCES SURFACE READY TO RECEIVE FINISHES; FEATHER COATS ONTO ADJOINING SURFACES.

5. FINISHING: COMPLY WITH GYPSUM ASSOCIATION (GA) "LEVELS OF GYPSUM BOARD FINISH" GA LEVEL 4; THREE COAT FINISHING AND SANDING IS REQUIRED FOR SURFACES INDICATED TO BE PAINTED; PROVIDE FLUSH, SMOOTH JOINTS AND SURFACES READY FOR APPLIED PAINT FINISHES.

6. REMOVE AND REPLACE DEFECTIVE WORK.

O. ACOUSTICAL ACCESSORIES INSTALLATION.
1. PLACE ACOUSTICAL INSULATION TIGHT WITHIN SPACES, AROUND CUT OPENINGS, BEHIND AND AROUND ELECTRICAL AND MECHANICAL ITEMS WITHIN PARTITIONS, AND TIGHT TO ITEMS PASSING THROUGH PARTITIONS.

2. PLACE ACOUSTICAL SEALANT WITHIN PARTITIONS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS; INSTALL ACOUSTICAL SEALANT AT GYPSUM BOARD PERIMETER; AT BASE LAYER AND FACE LAYER OF GYPSUM BOARD, AND PENETRATIONS OF PARTITIONS.

3. TOLERANCE: MAXIMUM 1/4" SPACE BETWEEN GYPSUM BOARD AT FLOOR, CEILING, AND PENETRATIONS.

4. INSTALL ELECTRICAL BOX PADS WITH PADS MOLDED AND PRESSED ON BACK SIDE OF BOX, CLOSING OPENINGS, IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, FOR COMPLETE ACOUSTICAL BARRIER.

P. RECESSED WALL STUD INSTALLATION SEQUENCE
1. REMOVE RUBBER FILLER FROM STANDARD BEFORE RECESSED STUD IS PUT IN PLACE.

2. MASK TAPE STANDARD PORTION OF RECESSED STUD FOR ALL WALLS RECEIVING PAINT OR WALL COVERING.

3. SET RECESSED STUDS IN WALL.

4. USE LASER TO SET CONSISTENT HEIGHT OF STANDARD PORTION OF RECESSED STUDS - SCREW CLIP IN TOPS AND BOTTOMS. (SET INSERT 7'-0" A.F.F.)

5. INSTALL DRYWALL ON RECESSED STUDS - AVOID DRYWALL FACTORY EDGE AGAINST STANDARD (REQUIRES EXCESSIVE MUD BUILD UP).

6. FLAT TAPE DRYWALL AGAINST STANDARD.

7. SAND MUD DOWN TO STANDARD TO AVOID EXCESS BUILD UP.

8. APPLY ALL FINISH MATERIALS TO WALL PRIOR TO CUTTING OUT STANDARD SLOTS.

9. USE RAZOR BLADES TO CUT OUT STANDARD SLOTS - TOPS AND BOTTOMS OF ALL SLOTS MUST ALIGN. CUTS TO BE MADE INSIDE OF STANDARD SLOTS.

10. WHEN COMPLETE - INSTALL BRACKETS ON EACH STANDARD AND INSTALL ROD TO VERIFY ALIGNMENT.

SECTION 093000 - TILING

A. GENERAL: PROVIDE TILE SYSTEMS INCLUDING SETTING MATERIALS, GROUT AND ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. STANDARDS: COMPLY WITH TILE COUNCIL OF AMERICA "HANDBOOK OF CERAMIC TILE INSTALLATION" INCLUDING REFERENCED ASTM AND ANSI STANDARDS.

C. TILE MANUFACTURERS: AS INDICATED ON DRAWINGS.

1. FLOOR TILE: PROVIDE NON-SLIP UNITS WITH MINIMUM WET AND DRY VALUE OF 0.60 COEFFICIENT OF FRICTION WHEN TESTED IN ACCORDANCE WITH ASTM C1028.

D. LATEX THIN SET: THINSET BOND COAT, LATEX-CEMENTITIOUS MORTAR CONFORMING TO ANSI A118.4.

E. GROUT: ANSI A118.6, LATEX CEMENTITIOUS TYPE BY LATICRETE, BOSTIK OR CUSTOM BUILDING PRODUCTS. REFER TO DRAWINGS.

F. INTEGRAL WATERPROOFING: LATICRETE, BOSTIK, OR NOBEL LIQUID RUBBER INTEGRAL TILE SETTING WATERPROOFING SYSTEM WITH NO BITUMINOUS EXTENDS; PROVIDE AT TILE APPLICATIONS ABOVE GRADE.

G. CLEANING AND SEALING MATERIALS: AS RECOMMENDED BY TILE AND GROUT MANUFACTURERS, SUCH AS BOSTIK CONSTRUCTION PRODUCTS/HYDROMENT CERAMASEAL.

H. SURFACE PREPARATION: DO NOT COMMENCE WORK UNTIL SURFACE CONDITIONS ARE WITHIN TOLERANCES REQUIRED FOR PROPER INSTALLATION.
1. WHERE RH TESTING IS GREATER THAN 80% AS PER ASTM F-2170. QUICK-SETTING, WATER-RESISTANT, HIGH-COMPRESSIVE-STRENGTH, SELF-LEVELING UNDERLAYMENT: ADVANCED HYDRAULIC, SPECIALLY FORMULATED FOR THE RESURFACING OF INTERIOR HORIZONTAL SURFACES WHERE ENVIRONMENTAL CONTROLS ARE NOT IN PLACE, THAT CAN BE APPLIED IN MINIMUM UNIFORM THICKNESS OF 1/4 INCH TO 1 INCH (6 MM TO 25 MM).
   1.a. PRODUCT: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE MAPEI CORPORATION; ULTRAPLAN EXTREME 2.
   1.b. PRODUCT: LATICRETE NXT LEVEL OR NXT LEVEL PLUS
2. WHERE RH TESTING IS LESS THAN 80% AS PER ASTM F-2170 HIGH-PERFORMANCE, QUICK-SETTING, HYDRAULIC CEMENT UNDERLAYMENT: POLYMER-MODIFIED, SELF-LEVELING, HYDRAULIC CEMENT PRODUCT THAT CAN BE APPLIED FROM FEATHER EDGE TO 1-1/2 INCHES (38 MM).
   2.a. PRODUCT: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE MAPEI CORPORATION; ULTRAPLAN 1 PLUS.
   2.b. PRODUCT: LATICRETE NXT LEVEL OR NXT LEVEL PLUS
3. WATER: POTABLE AND AT A TEMPERATURE OF NOT MORE THAN 70 DEGREE F (21 DEGREE C)
4. PRIMER: PRODUCT OF UNDERLAYMENT MANUFACTURER RECOMMENDED IN WRITING FOR SUBSTRATE, CONDITIONS, AND APPLICATION INDICATED.
   4.a. ALL-PURPOSE PRIMER FOR SELF-LEVELING UNDERLAYMENTS:
      4.a.a. PRODUCT: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE MAPEI CORPORATION: PRIMER T.
      4.a.b. PRODUCT: LATICRETE NXT PRIMER

I. INSTALLATION: COMPLY WITH TILE COUNCIL OF AMERICA (TCA) HANDBOOK FOR CERAMIC TILE INSTALLATION FOR LATEX BOND COAT THIN SET APPLICATION.

1. TILE: INSTALL TILE IN ACCORDANCE WITH REFERENCED ANSI STANDARDS AND TCA RECOMMENDATIONS FOR TYPE OF SUBSTRATE AND INDICATED SETTING METHOD; LATEX-CEMENT THIN SET AND BOND COATS REQUIRED.

2. PLACE TILE IN ACCORDANCE WITH PATTERNS INDICATED ON DRAWINGS OR AS DIRECTED BY OWNER'S PROJECT MANAGER; CAREFULLY PLAN TILE LAYOUTS, ENSURE PATTERN IS UNINTERRUPTED FROM ONE SURFACE TO THE NEXT AND THROUGH DOORWAYS.

3. SEAL TILE AND GROUT SURFACES WHERE RECOMMENDED BY MANUFACTURER FOR MATERIALS AND APPLICATIONS INVOLVED; COMPLY WITH MANUFACTURER'S RECOMMENDATIONS.

J. MOISTURE TESTING: PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES PASS TESTING ACCORDING TO FLOORING MANUFACTURER'S WRITTEN RECOMMENDATIONS. PERFORM ONE OR BOTH TESTS, AS REQUIRED BY THE MANUFACTURER, IN ACCORDANCE WITH THE FOLLOWING:

1. PERFORM ANHYDROUS CALCIUM CHLORIDE TEST ACCORDING TO ASTM F 1869. PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES HAVE MAXIMUM MOISTURE-VAPOR-EMISSION RATE ACCEPTABLE TO THE FLOORING MANUFACTURER.

2. PERFORM RELATIVE HUMIDITY TEST USING IN SITU PROBES ACCORDING TO ASTM F 2170. PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES HAVE A MAXIMUM RELATIVE HUMIDITY LEVEL ACCEPTABLE TO THE FLOORING MANUFACTURER.

SECTION 095100 - ACOUSTICAL CEILINGS

A. GENERAL: PROVIDE ACOUSTICAL CEILINGS INCLUDING SUSPENSION SYSTEM, TRIM, AND ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. STANDARDS: CONFORM TO ASTM C635 FOR METAL SUSPENSION SYSTEM AND STM C636 FOR INSTALLATION OF ACOUSTICAL CEILINGS.

C. PERFORMANCE REQUIREMENTS: PROVIDE PRODUCTS LISTED BY UNDERWRITERS LABORATORIES (UL).

1. FLAME SPREAD/SMOKE DENSITY: PROVIDE PRODUCTS MEETING CODE REQUIREMENTS FOR MAXIMUM 25 FLAME SPREAD AND MAXIMUM 25 SMOKE DENSITY.

D. SEISMIC REQUIREMENTS: COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS FOR SEISMIC BRACING OF CEILING SUSPENSION SYSTEM, AND WITH ASTM E580.

E. SUBMITTALS: SUBMIT PRODUCT DATA, SHOP DRAWINGS INDICATING LAYOUT, AND SAMPLES OF GRID, TRIM, AND CEILING UNITS.

F. INSTALLER: FIRM WITH MINIMUM THREE YEAR'S SUCCESSFUL EXPERIENCE IN PROJECTS OF SIMILAR TYPE AND SCOPE; ACCEPTABLE TO MANUFACTURER OF ACOUSTICAL UNITS.

G. PROJECT CONDITIONS: DO NOT INSTALL CEILINGS UNTIL BUILDING IS ENCLOSED, SUFFICIENT HEAT IS PROVIDED, DUST GENERATING ACTIVITIES HAVE TERMINATED AND OVERHEAD MECHANICAL WORK IS COMPLETED, TESTED, AND APPROVED; ALLOW WET WORK TO DRY PRIOR TO INSTALLATION.

H. ACOUSTICAL UNITS: TYPES AS INDICATED ON DRAWINGS.

1. MANUFACTURERS: ARMSTRONG
SALES:REFER TO FINISH SCHEDULE FOR ARMSTRONG TYPE.
BACK-OF-HOUSE AREAS: REFER TO FINISH SCHEDULE FOR ARMSTRONG TYPE.

I. SUSPENSION SYSTEM:

MANUFACTURERS: ACOUSTICAL UNIT MANUFACTURER, OR CHICAGO METALLIC.
1. TYPICAL: SPECIAL 15/16" NARROW PROFILE WHITE BAKED ENAMEL FINISHED STEEL OR ALUMINUM TYPE; EDGE TRIM WITH VERTICAL LEG CONCEALED.

2. BACK-OF-HOUSE AREAS: STANDARD 1" PROFILE WHITE BAKED ENAMEL FINISHED STEEL OR ALUMINUM TYPE, EDGE TRIM WITH VERTICAL LEG CONCEALED. J. PREPARATION: MEASURE CEILING AREA AND ESTABLISH LAYOUT OF ACOUSTICAL UNITS TO BALANCE BORDER WIDTHS AT OPPOSITE EDGES OF EACH CEILING; DO NOT USE LESS THAN HALF WIDTH UNITS AT BORDERS.

J. COORDINATE WITH OTHER WORK SUPPORTED BY OR PENETRATING THROUGH CEILINGS, INCLUDING LIGHT FIXTURES, HVAC EQUIPMENT AND PARTITION SYSTEMS.

K. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS, ASTM C636, AND APPLICABLE REQUIREMENTS FOR FIRE RATINGS.

1. FINISHED CEILINGS: TRUE TO LINES AND LEVELS AND FREE FROM WARPED, SOILED OR DAMAGED GRID OR ACOUSTICAL UNITS.

2. INSTALL CEILING SYSTEMS IN A MANNER CAPABLE OF SUPPORTING SUPERIMPOSED LOADS, WITH MAXIMUM PERMISSIBLE DEFLECTION OF 1/8"IN 10'-0".

3. ENSURE SUSPENSION SYSTEM IS LOCATED TO ACCOMMODATE FITTINGS AND UNITS OF EQUIPMENT WHICH IS TO BE PLACED AFTER INSTALLATION OF CEILING GRID.

4. WHERE DUCTS OR OTHER EQUIPMENT PREVENT REGULAR SPACING OF HANGERS, REINFORCE NEAREST ADJACENT HANGERS AND RELATED CARRYING CHANNELS AS REQUIRED TO SPAN REQUIRED DISTANCE.

5. INSTALL EDGE MOLDINGS AT INTERSECTION OF CEILING AND VERTICAL SURFACES, USING MAXIMUM LENGTHS, STRAIGHT, TRUE TO LINE AND LEVEL; MITER CORNERS.

6. FIT ACOUSTIC UNITS IN PLACE, FREE FROM DAMAGED EDGES OR DEFECT DETRIMENTAL TO APPEARANCE AND FUNCTION. LAY DIRECTIONALLY PATTERNED UNITS ONE WAY WITH PATTERN AS DIRECTED. FIT BORDER UNITS NEATLY AGAINST ABUTTING SURFACES.

7. INSTALL UNITS LEVEL, IN UNIFORM PLANE AND FREE FROM TWIST, WARP AND DENTS.

8. INSTALL HOLD-DOWN CLIPS WHERE REQUIRED BY APPLICABLE CODES AND WHERE CEILING IS WITHIN 20'-0" OF AN EXTERIOR DOOR.

L. ADJUSTMENT: ADJUST SAGS OR TWISTS WHICH DEVELOP IN CEILING SYSTEM AND REPLACE ANY PART WHICH IS DAMAGED OR FAULTY.

SECTION 096429 - WOOD STRIP AND PLANK FLOORING

A. GENERAL: INSTALL SHOP FINISHED ACRYLIC IMPREGNATED WOOD STRIP FLOORING SYSTEM WITH ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. PROJECT CONDITIONS: DO NOT INSTALL WOOD FLOORING SYSTEM UNTIL WET CONSTRUCTION WORK IS COMPLETED AND SURROUNDING AIR HAS MAXIMUM MOISTURE CONTENT OF 40 PERCENT. PROVIDE PERMANENT HEAT, LIGHT AND VENTILATION PRIOR TO INSTALLATION.

1. MAINTAIN ROOM TEMPERATURE BETWEEN 60-90 DEGREES F, HUMIDITY 25-50 FOR PERIOD OF SEVEN DAYS PRIOR TO DELIVERY OF MATERIALS

C. MANUFACTURER: PERMAGRAIN

D. WOOD: AS INDICATED ON DRAWINGS, TONGUE AND GROOVED EDGES WITH SHOP APPLIED ACRYLIC IMPREGNATED FINISH INTENDED FOR DIRECT ADHESIVE APPLICATION TO CONCRETE.

E. ADHESIVE: TYPE AS RECOMMENDED BY MANUFACTURER TO ENSURE MAXIMUM DURABILITY OVER TIME; NONTOXIC, WATERPROOF TYPE SUITABLE FOR FLOORING, SUBSTRATE, AND ACCEPTABLE TO APPLICABLE AUTHORITIES.

F. SUBFLOOR FILLER: UTILIZE PORTLAND CEMENT BASED PRODUCTS FOR FLOOR PREP

G. DIVIDER STRIPS: TYPE AS INDICATED IN DETAILS.

H. PREPARATION: BROOM CLEAN SUBSTRATE SURFACE AND ENSURE FLOOR SURFACE IS SMOOTH AND FLOAT TO PLUS OR MINUS 1/8" PER 10'-0", FREE OF OIL, GREASE, DUST AND FOREIGN SUBSTANCE. USE LATEX FILLER TO PATCH CRACKS AND SMALL HOLES, AND FOR MINOR LEVELING.

1. GRIND CONCRETE WHERE RIDGES AND IRREGULARITIES PROVIDE UNSATISFACTORY SUBSTRATE FOR WOOD STRIP FLOORING.

I. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTION FOR DIRECT APPLICATION OF WOOD STRIP FLOORING OVER CONCRETE.

1. ENSURE JOINTS OF WOOD FLOORING ARE IN LINE; ENSURE FULL ADHESIVE CONTACT FOR PERMANENT BOND TO SUBSTRATE.

2. LAY FLOORING SYMMETRICAL ABOUT ROOM CENTER LINE; FIT NEATLY TO VERTICAL INTERRUPTIONS.

3. PROVIDE DIVIDER STRIPS AT CENTERLINE OF DOOR OPENINGS AND WHERE FLOORING TERMINATES WITH TILE OR OTHER FLOOR FINISHES. (SEE FINISH PLAN LAYOUT)

4. PROVIDE MAXIMUM 1:12 SLOPE WHERE FINISHED FLOOR SURFACE CHANGES LEVEL BETWEEN WOOD FLOORING AND ADJACENT FLOORING.

5. PROVIDE MOISTURE BARRIER AS RECOMMENDED BY VENDOR.

J. MOISTURE TESTING: FOR REQUIREMENTS, REFER TO SECTION 093000, ITEM J.

SECTION 096519 - RESILIENT TILE FLOORING

A. GENERAL: PROVIDE RESILIENT TILE FLOORING SYSTEM AND RESILIENT BASE, WITH ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. SUBMITTALS: FURNISH PRODUCT DATA AND SAMPLES OF EACH TYPE OF FLOORING AND BASE COLOR AND PATTERN SELECTED.

C. PROJECT CONDITIONS: ENSURE FLOOR SURFACES ARE SMOOTH AND FLAT WITH MAXIMUM VARIATION OF 1/8" IN 10'-0"; ENSURE CONCRETE FLOORS ARE DRY AND EXHIBIT NEGATIVE ALKALINITY, CARBONIZING AND DUSTING.

D. RESILIENT TILE: 12" X 12" BY 1/8" THICK; VINYL COMPOSITION TILE CONFORMING TO ASTM F1066, COMPOSITION 1; COLOR AND PATTERN AS INDICATED IN FINISH SCHEDULE.

1. MANUFACTURERS: ARMSTRONG WORLD INDUSTRIES, INC.; AZROCK INDUSTRIES, INC.; TARKETT INC., OR APPROVED EQUAL.
FLAMMABILITY: PROVIDE MATERIALS TESTED UNDER ASTM E648, FLOORING RADIANT PANEL TEST, WITH RESULTS OF 0.45 WATTS/CM2 OR HIGHER.

2. SLIP RESISTANCE: PROVIDE MATERIALS TESTED UNDER ASTM D2047, JAMES SLIP TEST WITH MINIMUM 0.6 RATING FOR FLOORS.

E. RESILIENT BASE: FS SS-W-40, 1/8" GAGE COVED BASE AT HARD FLOOR SURFACES, STRAIGHT (TOP SET) BASE AT CARPET; PROVIDE PREMOLDED END STOPS AND EXTERNAL CORNERS.

1. MANUFACTURERS: ARMSTRONG, BURKE OR ROPPE, MOLDED RUBBER BASE.
HEIGHT: 6" UNLESS OTHERWISE INDICATED.

2. COLOR: AS INDICATED IN FINISH SCHEDULE.

F. EDGE STRIPS AND ACCESSORIES: RUBBER OR VINYL EDGE STRIPS MATCHING RESILIENT FLOORING; LATEX-MODIFIED PORTLAND CEMENT BASED UNDERLAYMENT AND PATCHING COMPOUND; NONTOXIC WATER RESISTANT TYPE ADHESIVES.

G. SUBFLOOR FILLER: WHITE PREMIXED LATEX-CEMENT PASTE DESIGNED FOR PROVIDING THIN SOLID SURFACE FOR LEVELING AND MINOR RAMPING OR SUBSURFACE TO ADJACENT FLOOR FINISHES; MATERIAL CAPABLE OF BEING APPLIED AND FEATHERED OUT TO ADJACENT FLOOR WITHOUT SPALLING.

H. PRIMERS AND ADHESIVES: WATERPROOF NONTOXIC TYPES AS RECOMMENDED BY FLOORING MANUFACTURER FOR SPECIFIED MATERIAL AND APPLICATION.

I. SEALER AND WAX: TYPE RECOMMENDED BY FLOORING MANUFACTURER FOR MATERIAL TYPE AND LOCATION.

J. PREPARATION: CONFORM WITH MANUFACTURER'S RECOMMENDATIONS FOR PREPARATION AND WITH ASTM F710; REMOVE SUBFLOOR RIDGES AND BUMPS; FILL LOW SPOTS, CRACKS, JOINTS, HOLES AND DEFECTS WITH SUBFLOOR FILLER.

K. FLOORING INSTALLATION: CONFORM WITH MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS; SET FLOORING IN PLACE, PRESS WITH HEAVY ROLLER TO ENSURE FULL ADHESION; SCRIBE FLOORING TO WALLS, COLUMNS, AND OTHER APPURTENANCES, TO PRODUCE TIGHT JOINTS.

1. INSTALL MINIMUM 1/2 TILE AT ROOM AND AREA PERIMETER; TERMINATE RESILIENT FLOORING AT CENTERLINE OF DOOR OPENINGS WHERE ADJACENT FLOOR FINISH IS DISSIMILAR; INSTALL EDGE STRIPS AT UNPROTECTED AND EXPOSED EDGES WHERE FLOORING TERMINATES.

2. SEE FINISH PLAN FOR FLOOR PATTERN DESIRED IN EACH AREA.

L. MOISTURE TESTING: FOR REQUIREMENTS, REFER TO SECTION 093000, ITEM J.

M. BASE INSTALLATION: COMPLY WITH MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS; APPLY TO WALLS, COLUMN, PILASTERS, CASEWORK, AND OTHER PERMANENT FIXTURES IN ROOMS AND AREAS WHERE BASE IS REQUIRED.

3. MITER INTERNAL CORNERS; USE PREMOLDED SECTIONS FOR EXTERNAL CORNERS AND EXPOSED ENDS; SCRIBE AND FIT TO DOOR FRAMES AND OTHER OBSTRUCTIONS.

N. EDGE STRIPS: INSTALL WHERE EDGE OF TILE WOULD OTHERWISE BE EXPOSED; BUTT TO FLOORING WITHOUT GAPS; SET IN ADHESIVE.

O. CLEANING: CLEAN, SEAL AND WAX FLOOR IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

SECTION 096800 - CARPET (WALK-OFF MAT)

A. GENERAL: PROVIDE ENTRY CARPET TYPE FLOOR WALK OFF MATS WITH PVC GRID AND ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION. G.C. TO PROVIDE CARPET TRANSITION STRIPS FOR FLUSH MOUNTING OF MAT WITH ADJACENT FLOOR FINISH.

B. CODES AND REGULATIONS: COMPLY WITH STATE AND FEDERAL REQUIREMENTS FOR ENSURING ACCESS FOR PERSONS WITH DISABILITIES.

C. MANUFACTURER: K.N. CROWDER-FG-14 ABRASIVE GRILLE A-01. RECESSED FRAME.

D. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND APPLICABLE CODES AND STANDARDS. G.C. TO PAINT SUBSTRATE. ONCE DRY, CLEAN RECESSED WELL PRIOR TO INSTALLING GRID.

SECTION 097216 - VINYL-COATED FABRIC WALL COVERINGS

A. GENERAL: PROVIDE PREFINISHED GLASS FIBER REINFORCED POLYESTER RESIN FABRICATED WALL PANELS, WITH TRIM PIECES AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION

B. SUBMITTALS: SEE SECTION 013000.

C. MAINTENANCE INSTRUCTIONS: SEE SECTION 017000.

D. MANUFACTURERS: AS INDICATED ON FINISH SCHEDULE.

E. TYPES: AS INDICATED ON FINISH SCHEDULE.

F. ADHESIVE: NONTOXIC TYPE RECOMMENDED BY WALL COVERING MANUFACTURER TO SUIT APPLICATION.

G. PROVIDE PRIMER WHICH ALLOWS REMOVAL OF WALL COVERING FROM GYPSUM BOARD WITHOUT DAMAGING PAPER FACING OF BOARD, AND WITHOUT PREMATURE SEPARATION OF WALL COVERING FROM WALL. PRIMER TO BE NON-STAINING AND NON-TOXIC, AS RECOMMENDED BY WALL COVERING MANUFACTURER.

H. EXAMINATION: ENSURE SURFACES TO RECEIVE WALL COVERING ARE CLEAN, TRUE AND FREE OF IRREGULARITIES, DO NOT COMMENCE WITH WORK UNTIL SURFACES ARE SATISFACTORY. ENSURE WALL SURFACE FLATNESS TOLERANCE DOES NOT VARY MORE THAN 1/8" IN 10'-0", NOR VARY AT A RATE GREATER THAN 1/16" PER RUNNING FOOT.

I. PREPARATION: COMPLY WITH MANUFACTURER'S RECOMMENDATIONS; FILL NICKS, GOUGES AND OTHER MINOR IMPERFECTIONS OF SUBSTRATES WITH LATEX FILLER; SAND SMOOTH, FLUSH WITH SURFACE; APPLY PRIME COAT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

J. APPLICATION: HANDLE AND APPLY WALL COVERING IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS; MIX AND APPLY ADHESIVE IN ACCORDANCE WITH ADHESIVE MANUFACTURER'S RECOMMENDATIONS.

1. USE PANELS IN EXACT ORDER AS CUT FROM ROLLS; USE ROLLS IN CONSECUTIVE ORDER AS NUMBERED BY MANUFACTURER.

2. HORIZONTAL SEAMS AND CUTTING AT CORNERS ARE NOT ACCEPTABLE; CUT NO CLOSER THAN 2" OF AN INSIDE CORNER, AND NOT CLOSER THAN 6" OF AN OUTSIDE CORNER.

3. FILL SPACES ABOVE & BELOW WINDOWS, DOORS, AND SIM. AREAS IN SEQUENCE FROM ROLL.

INSTALL IN PATTERN AS PROVIDED BY MANUFACTURER OR AS INDICATED IN DRAWINGS

SECTION 097716.16 - RIGID-SHEET VINYL WALL COVERINGS (F.R.P. PANELS)

A. GENERAL: PROVIDE PREFINISHED GLASS FIBER REINFORCED POLYESTER RESIN FABRICATED WALL PANELS, WITH TRIM PIECES AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.

B. MANUFACTURERS: KEMLITE COMPANY/KEMLITE FIRE-X GLASBORD PLUS, SEQUENTIA, SET. INC./STRUCTOGLAS PYRO PANEL SYSTEM, OR NUDO PRODUCTS, INC./FIBER-LITE PANELS, CLASS

C. PANELS: FIBERGLASS REINFORCED PLASTIC (FRP) PANEL SYSTEM; NOMINAL 0.090" THICKNESS; WHITE.

1. FIRE-RATING: CLASS I (UL CLASS A), MAXIMUM 25 FLAME SPREAD, 25 SMOKE GENERATION BASED ON ASTM E84 INSTALLATION.

D. TRIM PIECES: MANUFACTURER'S STANDARD MATCHING MOLDINGS AND TRIM PIECES AS REQUIRED FOR COMPLETE, FINISHED INSTALLATION, AND AS REQUIRED FOR JOINTS, CORNERS AND PANEL EDGES.

E. ADHESIVE: MANUFACTURER'S RECOMMENDED NONTOXIC, WATERPROOF ADHESIVE SUITABLE FOR SUBSTRATES INDICATED.

F. PRIMER: PROVIDE NON-STAINING RELEASE COAT PRIMER AS RECOMMENDED BY WALL PANEL MANUFACTURER WHERE PANELS ARE APPLIED TO GYPSUM BOARD.

G. MECHANICAL FASTENERS: CONCEALED TYPE ONLY; TYPES AS RECOMMENDED BY SYSTEM MANUFACTURER.

H. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND APPLICABLE REQUIREMENTS FOR FIRE RATINGS. CORE AND MITER TRIM PIECES. INSTALL PANELS IN MAXIMUM SIZE INCREMENTS AVAILABLE.

1. INSTALL WALL PANELING BEFORE INSTALLATION OF PLUMBING, BASES, HARDWARE, AND SIMILAR ACCESSORIES.

2. SECURELY ADHERE PANELS TO WALL SURFACES; USE BLIND NAILING METHODS AND REQUIRED TO SUPPORT PANELS UNTIL ADHESIVE DRIES; EXPOSED MECHANICAL FASTENERS SHALL NOT BE ACCEPTABLE. REMOVE EXCESS ADHESIVE FROM EDGES; WIPE SEAM CLEAN WITH DRY CLOTH TOWEL.

SECTION 099000 - PAINTING AND COATING

A. GENERAL: PROVIDE PAINTING OF EXPOSED ITEMS AND SURFACES NOT PREFINISHED, AS REQUIRED FOR COMPLETE FINISHED INSTALLATION

B. SURFACES NOT TO BE PAINTED: PREFINISHED ITEMS; CONCEALED AND INACCESSIBLE AREAS, CODE-REQUIRED LABELS.

C. STANDARDS: PROVIDE MATERIALS APPROVED FOR USE BY APPLICABLE AIR QUALITY MANAGEMENT DISTRICT FOR LIMITATIONS OF VOLATILE ORGANIC COMPOUNDS FOR ARCHITECTURAL COATINGS.

D. SUBMITTALS: FURNISH PRODUCT DATA AND SAMPLES.

1. DUPLICATED PAINTED FINISHES OF APPROVED SAMPLES ON ACTUAL WALL SURFACES AND COMPONENTS FOR APPROVAL PRIOR TO COMMENCING WORK.

E. DELIVERY: DELIVER MATERIALS TO JOB SITE IN ORIGINAL, NEW AND UNOPENED PACKAGES AND CONTAINERS BEARING MANUFACTURER'S NAME AND LABEL.

F. MANUFACTURER: BENJAMIN MOORE

G. MATERIAL QUALITY: PROVIDE TOP LINE QUALITY COMMERCIAL GRADE (PROFESSIONAL PAINTER_ PAINTS; MATERIALS NOT BEARING MANUFACTURER'S IDENTIFICATION AS A BEST-GRADE PRODUCT SHALL NOT BE ACCEPTABLE.
1. PRIMERS; PROVIDE PREMIUM GRADE PRIMERS RECOMMENDED BY PAINT MANUFACTURER FOR SUBSTRATES INDICATED AND FOR FINISH SYSTEMS SPECIFIED.

2. UNDERCOATS AND BARRIER COATS: PROVIDE UNDERCOAT PAINTS PRODUCED BY SAME MANUFACTURER AS FINISH COATS; USE ONLY THINNERS APPROVED BY PAINT MANUFACTURER, AND USE ONLY WITHIN RECOMMENDED LIMITS.

3. FINISH COATS: PROVIDE FINISH COATS CAPABLE OF BEING WASHED WITH MILD DETERGENT WITHOUT LOSS OF COLOR, SHEEN, OR PIGMENTS.

4. FINISH COAT COORDINATION: PROVIDE FINISH COATS WHICH ARE COMPATIBLE WITH PRIME PAINTS, UNDERCOATS, AND BARRIER COATS USED. VOLATILE ORGANIC COMPOUNDS: PROVIDE MATERIALS WITH MINIMAL VOLATILE ORGANIC COMPOUNDS (VOC); COMPLY WITH APPLICABLE REGULATIONS.

H. COLORS AND FINISHES: PURE, NON-FADING, APPLICABLE TYPES TO SUIT SERVICE INDICATED; NO LEAD CONTENT PERMITTED.

I. PREPARATION: PERFORM PREPARATION AND CLEANING PROCEDURES IN ACCORDANCE WITH PAINT MANUFACTURER'S INSTRUCTIONS AND AS SPECIFIED FOR SUBSTRATE CONDITION.

1. EXAMINE AREAS AND CONDITIONS UNDER WHICH PAINTING WORK IS TO BE APPLIED. START OF PAINTING WORK INDICATES ACCEPTANCE OF SURFACES AND CONDITIONS OF SURFACES AND CONDITIONS WITHIN ANY PARTICULAR AREA.

2. REMOVE HARDWARE, ACCESSORIES, AND ITEMS IN PLACE AND NOT TO BE PAINTED, OR PROVIDE PROTECTION PRIOR TO SURFACE PREPARATION AND PAINTING; AFTER PAINTING REINSTALL REMOVED ITEMS.

J. APPLICATION: APPLY PAINT IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS; USE APPLICATORS AND TECHNIQUES BEST SUITED FOR SUBSTRATE AND TYPE OF MATERIAL BEING APPLIED.

1. APPLY ADDITIONAL COATS WHEN STAINS OR BLEMISHES SHOW THROUGH FINAL COAT, UNTIL PAINT IS A UNIFORM FINISH, COLOR AND APPEARANCE.

2. FINISH DOORS ON TOPS, BOTTOMS AND SIDE EDGES SAME AS FACES. PROVIDE EXTRA ATTENTION TO ASSURE DRY FILM THICKNESS AT CORNERS AND CREVICES IS EQUIVALENT TO THAT OF FLAT SURFACES.

3. PAINT SURFACES BEHIND MOVABLE EQUIPMENT AND FURNITURE SAME AS SIMILAR EXPOSED SURFACES; PAINT SURFACES BEHIND PERMANENTLY-FIXED EQUIPMENT AND FURNITURE WITH PRIME COAT ONLY.

4. PAINT BACK SIDES OF ACCESS PANELS AND REMOVABLE OR HINGED COVERS TO MATCH EXPOSED SURFACE.

SECTION 099000.10 - PLASTER

A. PREPARATION:

1. PRIME WALLS WITH TWO COATS (TBD) .

2. ENSURE CORNER BEAD IS INSTALLED AT OUTSIDE CORNERS OF ALL GYP. BD. PASS-THRU'S THAT RECEIVE PLASTER FINISH.

3. SAND LIGHTLY BETWEEN EACH SUCCEEDING ENAMEL AND EACH VARNISH COAT.

K. SCHEDULING PAINTING: APPLY FIRST COAT TO SURFACES THAT HAVE BEEN CLEANED, PRETREATED OR PREPARED FOR PAINTING AS SOON AS PRACTICABLE AFTER PREPARATION.

1. ALLOW TIME BETWEEN SUCCESSIVE COATINGS TO PERMIT PROPER DRYING. DO NOT RECOAT UNTIL PAINT FEELS FIRM AND DOES NOT DEFORM OR FEEL STICKY UNDER MODERATE THUMB PRESSURE.

L. MINIMUM COATING THICKNESS: APPLY MATERIALS AT NOT LESS THAN MANUFACTURER'S RECOMMENDED SPREADING RATE, TO ESTABLISH A TOTAL DRY FILM THICKNESS AS RECOMMENDED BY COATING MANUFACTURER.

M. PRIME COATS: APPLY TO ITEMS NOT PREVIOUSLY PRIMED; RECOAT PRIMED AND SEALED SURFACES WHERE THERE IS EVIDENCE OF SUCTION SPOTS OR UNSEALED AREAS IN FIRST COAT.

N. FINNISH COATS: PROVIDE EVEN TEXTURE; LEAVE NO LAPS, IRREGULARITY IN TEXTURE, SKID MARKS, OR OTHER SURFACE IMPERFECTIONS.

O. PAINT SYSTEM: PROVIDE MINIMUM TWO COAT PLUS PRIMER SYSTEMS.

1. EXT. PAINTED METAL: SEMI-GLOSS 100% ACRYLIC.

2. GYPSUM BOARD WALLS: EGGSHELL (SATIN) LATEX EMULSION.

3. GYPSUM BOARD CEILINGS: FLAT LATEX EMULSION.

4. TOILET ROOM WALLS AND CEILINGS: SEMI-GLOSS ACRYLIC ENAMEL.

5. INT. PAINTED METAL: SEMI-GLOSS 100% ACRYLIC.

6. CONCRETE FLOORS: CLEAR PENETRATING SEAL; ONE COAT SYSTEM ACCEPTABLE.

7. FLOOR STRIPES: TRAFFIC BEARING, NON-SLIP STRIPE PAINT; ONE COAT SYSTEM ACCEPTABLE.

8. SHEENS: COMPLY WITH ASTM D523, REFLECTANCE OF PAINT.

P. CLEAN-UP: DURING PROGRESS OF WORK, REMOVED DISCARDED PAINT MATERIALS, RUBBISH, CANS AND RAGS FROM SITE AT END OF EACH WORK DAY.

1. CLEAN GLASS AND PAINT-SPATTERED SURFACES IMMEDIATELY BY PROPER METHODS OF WASHING AND SCRAPING, USING CARE NOT TO SCRATCH OR DAMAGE FINISHED SURFACES.

Q. PROTECTION: PROTECT WORK OF OTHER TRADES, WHETHER TO BE PAINTED OR NOT; CORRECT DAMAGE BY CLEANING, REPAIRING OR REPLACING, AND REPAINTING, AS ACCEPTABLE TO OWNER'S PROJECT MANAGER.

1. PROVIDE "WET PAINT" SIGNS TO PROTECT NEWLY-PPAINTED FINISHES.

2. REMOVED TEMPORARY PROTECTIVE WRAPPINGS PROVIDED BY OTHERS FOR PROTECTION OF THEIR WORK, AFTER COMPLETION OF PAINTING OPERATIONS.

R. REPAIR: AT COMPLETION OF WORK OF OTHER TRADES, TOUCHUP AND RESTORE DAMAGED SURFACES OR DEFACED PAINTED SURFACES.

DIVISION 10 - SPECIALTIES

SECTION 102613 - CORNER GUARDS

A. GENERAL: INSTALL STAINLESS STEEL CORNER GUARDS WITH ATTACHMENT DEVICES AND ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. MANUFACTURERS: AMERICAN DISPENSER/599, BOBRICK/B633, BRADLEY/991 OR PARKER /NO. 7.

C. TYPE: STAINLESS STEEL UNITS WITH SATIN FINISH, 3-1/2" X 3-1/2" X 40 HIGH CORNER GUARDS; MINIMUM 18 GAGE. PAINT GRIP FINISH AT SALES FLOOR.

D. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS.

SECTION 102813 - TOILET ACCESSORIES

A. GENERAL: PROVIDE TOILET ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. CODES AND REGULATIONS: COMPLY WITH STATE AND FEDERAL REQUIREMENTS FOR ENSURING ACCESS FOR PERSONS WITH DISABILITIES.

C. MANUFACTURERS: BOBRICK, BRADLEY, OR AMERICAN SPECIALTIES.

D. TYPES: STAINLESS STEEL ACCESSORIES AS INDICATED ON DRAWINGS; PROVIDE GRAB BARS WITH CONCEALED MOUNTING, SIZES AND SHAPES AS INDICATED AND AS REQUIRED BY APPLICABLE CODES AND REGULATIONS.

E. MATERIALS: STAINLESS STEEL, ASTM A666, COMMERCIAL GRADE, TYPE 302/304, NUMBER 4 SATIN FINISH, SATIN CHROME ACCEPTABLE WHERE STAINLESS STEEL IS NOT AVAILABLE FOR ACCESSORY ITEM SCHEDULED; GAGES AS STANDARD WITH MANUFACTURER OF SPECIFIED ITEMS.

1. FASTENERS, SCREWS, AND BOLTS: HOT DIP GALVANIZED; AS RECOMMENDED BY ACCESSORY MANUFACTURER FOR COMPONENT AND SUBSTRATE.

2. CONCEALED SURFACES: PRETREAT AND CLEAN, SPRAY APPLY ONE COAT PRIMER AND BAKED ENAMEL FINISH.

F. FABRICATION: WELD AND GRIN SMOOTH JOINTS OF FABRICATED COMPONENTS; FORM EXPOSED SURFACES FROM ONE SHEET OF STOCK, FREE OF JOINTS.

1. FABRICATE UNITS WITH TIGHT SEAMS AND JOINTS, EXPOSED EDGES ROLLED; HANG DOORS AND ACCESS PANELS WITH CONTINUOUS PIANO HINGES; PROVIDE CONCEALED ANCHORAGE WHERE POSSIBLE.

2. PROVIDE STEEL ANCHOR PLATES AND ANCHOR COMPONENTS FOR INSTALLATION.

3. FORM SURFACES FLAT WITHOUT DISTORTION; MAINTAIN FLAT SURFACES WITHOUT SCRATCHES AND WITHOUT DENTS; FINISH EXPOSED EDGES EASED, FREE OF SHARP EDGES WHERE POTENTIAL EXISTS FOR PHYSICAL CONTACT.

4. HOT DIP GALVANIZE FERROUS METAL ANCHORS AND FASTENING DEVICES.

5. SHOP ASSEMBLE COMPONENTS; PACKAGE COMPLETE WITH ANCHORS AND FITTINGS.

G. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND APPLICABLE CODES AND REGULATIONS.

SECTION 105100 - LOCKERS

A. GENERAL: INSTALL OWNER FURNISHED METAL LOCKERS; PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. INSTALLATION: INSTALL LOCKERS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS, SECURE, PLUMB, LEVEL, SQUARE, AND IN LINE.

1. BOLT ADJOINING LOCKER UNITS TOGETHER TO PROVIDE RIGID INSTALLATION.

2. INSTALL METAL BASES, END PANELS, AND FILLER PANELS TO CLOSE OFF OPENINGS AND AS REQUIRED FOR COMPLETE INSTALLATION.

SECTION 105626 - MOBILE STORAGE SHELVING

A. GENERAL: INSTALL OWNER FURNISHED MOVABLE COMPACT STORAGE SYSTEM; PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. EXAMINATION: EXAMINE SUBSTRATES AND CONDITIONS UNDER WHICH COMPACTED STORAGE SYSTEM IS TO BE INSTALLED. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

C. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.

1. INSTALL UNITS AND ACCESSORIES AT LOCATIONS SHOWN IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTALLATIONS INSTRUCTIONS, LEVEL, PLUMB, SECURE AND AT PROPER HEIGHT.

2. INSTALLATION TO BE SUPERVISED BY FACTORY TRAINED PERSONNEL; MANUFACTURER REPRESENTATIVE TO MAKE PERIODIC SITE INSPECTIONS OF INSTALLATION WHILE IN PROGRESS.

D. CLEANING: CLEAN UNITS AND REPAIR OR REPLACE DAMAGED UNITS AS DIRECTED BY OWNER'S PROJECT MANAGER. TOUCHUP MARRED FINISHES OR REPLACE COMPONENT PARTS AS NECESSARY TO ELIMINATE EVIDENCE OF DAMAGE OR DETERIORATION.

E. PROTECTION: PROVIDE PROTECTION FOR INSTALLED SYSTEM TO ENSURE PERFECT OPERATING CONDITION WITHOUT DAMAGE AT COMPLETION OF PROJECT.

No.	Revisions	Date
3	ISSUED FOR PERMIT	10 NOV 2026
2	ISSUED FOR LANDLORD REVIEW	29 OCT 2026
1	ISSUED FOR CLIENT REVIEW	15 OCT 2026

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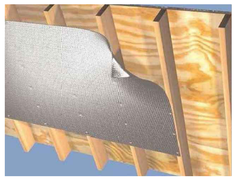
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2026-11-10

Drawn: AL	Scale: N.T.S.
Checked: S.W.	Date: OCT 2026
Title: SPECIFICATIONS	
Project No.: 26-108	Drawing No.: A104



RFID SHIELDING:

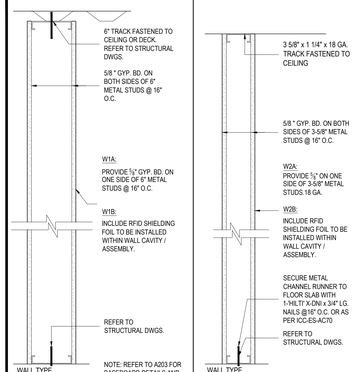
MANUFACTURER: REFLECTIX

MODEL #: BP48100

NOTE:

1. FOIL, FURNISHED BY OWNER, TO BE INSTALLED BY G.C. BEHIND GWB WALLS ON BACK OF HOUSE SIDE & WITHIN ALL FITTING ROOMS AS SHOWN. TO A MIN OF 14'-0" A.F.F. OR FULL HEIGHT OF WALL (IF LESS THAN 14'-0").
2. G.C. TO FURNISH & INSTALL A METALLIC TAPE BETWEEN THE SEAMS OF THE ROLLS TO ENSURE NO RF LEAKAGE & ENSURE AT LEAST A 2" OVERLAP
3. AT ALL CORNERS, ALLOW FOR AN OVER LAP OF 6" TO PREVENT RF LEAKAGE.

RFID SHIELDING DETAIL	N.T.S.	5



WALL TYPES	1 1/2" = 1'-0"	4

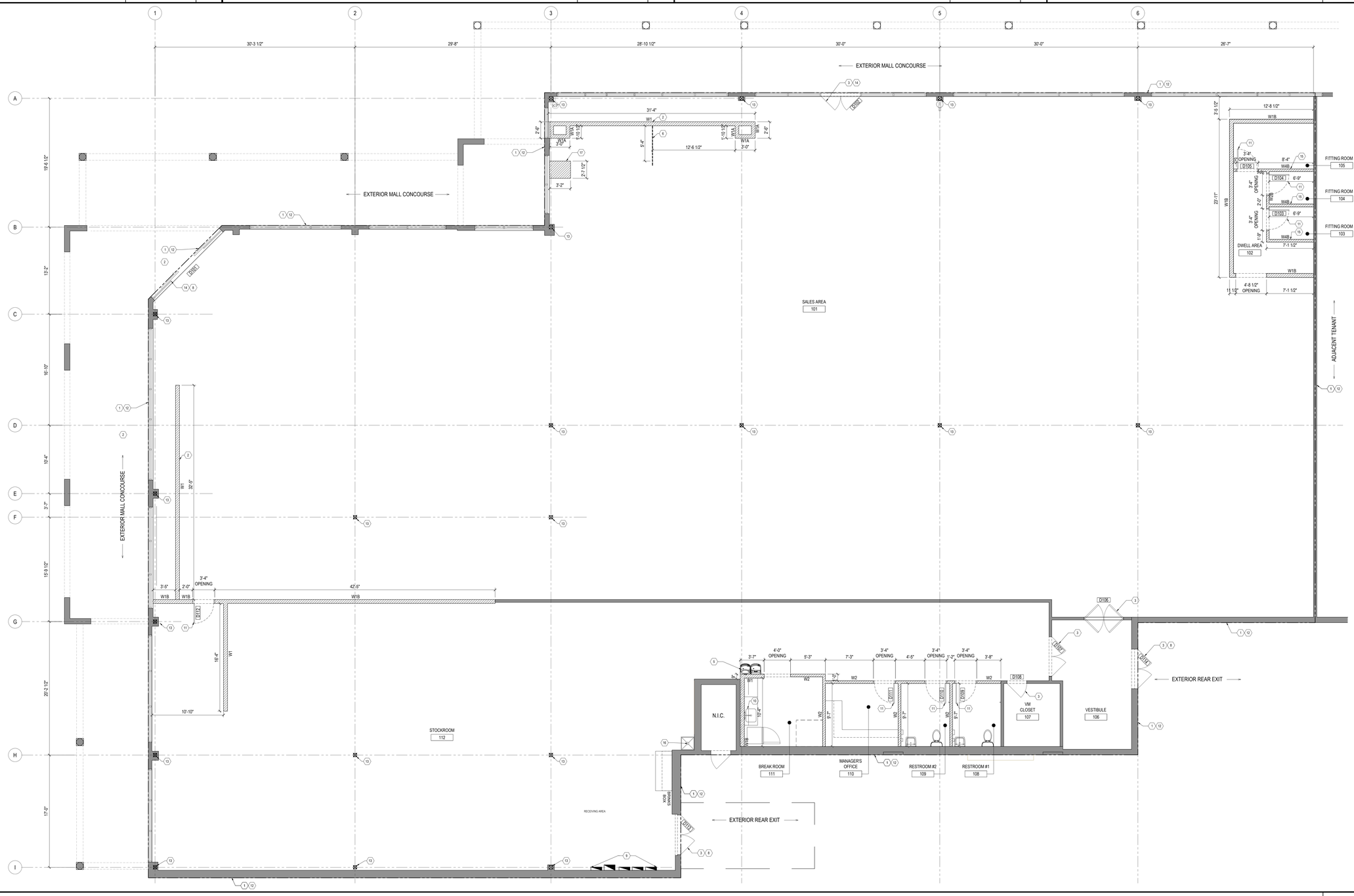
1. LEASE LINE.
2. FOR STOREFRONT FINISHES AND DETAILS REFER TO A400.
3. (E) DOOR AND FRAME TO REMAIN. G.C. TO ENSURE DOOR IS IN GOOD WORKING ORDER.
4. NOT USED
5. NEW HI-LO WATER FOUNTAIN TO BE SUPPLIED AND INSTALLED BY G.C.

   G.C. TO SAW-CUT TRENCH IN SLAB FOR BELOW SLAB CONDUIT @ CASH WRAP. P&R T.M.E., AND TO MAKE A SMOOTH AND LEVEL SURFACE TO RECEIVE FLOOR FIN. TYP. POUR BACK MUST BE DOWELED INTO EXIST. SLAB. VAPOR BARRIER MUST BE REPAIRED PRIOR TO POUR BACK. REFER TO DETAIL 4/A100A. COORD. & REFER TO MEP ENG. DWGS. DASHED LINES INDICATE EXTENT OF TRENCHING. COORD. W/ FIXTURE VENDOR TYP.
6. POUR BACK MUST BE DOWELED INTO EXIST. SLAB. VAPOR BARRIER MUST BE REPAIRED PRIOR TO POUR BACK. REFER TO DETAIL 4/A100A. COORD. & REFER TO MEP ENG. DWGS. DASHED LINES INDICATE EXTENT OF TRENCHING. COORD. W/ FIXTURE VENDOR TYP.
7. NOT USED
8. CONTRACTOR SHALL INSPECT AND VERIFY THAT EXISTING DOOR ASSEMBLIES CONSTITUTE LISTED AND LABELLED FIRE-RATED ASSEMBLIES, INCLUDING PROPER OPERATION OF CLOSERS, COORDINATORS (WHERE REQUIRED), AND MEETING STILE CONDITION (ASTRAGAL OR LISTED EDGE PROFILE). CONFIRM DOORS SELF-CLOSE AND LATCH. PROVIDE SMOKE CONTROL AT MEETING STILE, AND THAT RATING LABELS ARE PRESENT AND LEGIBLE. ENGAGE A QUALIFIED DOOR/HARDWARE SPECIALIST AS REQUIRED. REPORT DEFICIENCIES FOR CORRECTION.
9. (E) ELECTRICAL PANELS TO REMAIN AS SHOWN. SEE ELECTRICAL DRAWINGS. MAINTAIN 3'-0" MIN. CLEAR FLOOR SPACE REQ'D IN FRONT OF PANELS.
10. NEW KITCHENETTE SINK TO BE INSTALLED BY G.C. SEE MEP DRAWINGS FOR DETAILS.
11. NEW DOORS & FRAMES (SEE FINISH PLAN AND DOOR SCHEDULE) MUST MATCH (E) BASE BUILDING CONDITIONS. (BY G.C.)
12. (E) DEMISING WALL TO REMAIN. G.C. TO VERIFY IF WALL IS RATED, PATCH AND REPAIR AS NEEDED TO MAINTAIN RATING. G.C. TO FIRE STOP ANY PENETRATIONS AS REQUIRED.
13. (E) COLUMN TO REMAIN. G.C. TO NOTIFY ARCHITECT IF EXISTING COLUMN LOCATION DIFFERS FROM PLANS AND AFFECTS LAYOUT IN ANY WAY.
14. (E) STOREFRONT DOORS TO REMAIN. REFER TO A400 FOR FINISHES AND DETAILS.
15. G.C. TO INSTALL IN WALL STRAPPING FOR MIRROR/HOOK SUPPORT. REFERENCE A202 (FIXTURE PLAN) FOR MIRROR/HOOK LOCATIONS AND DETAILS.
16. (E) MOP SINK TO REMAIN.
17. G.C. TO BUILD OUT AND TO MATCH THE HEIGHT OF CASH DESK

KEYNOTES	-	3

1. STUDS SHALL BE CUT 3/4" SHORTER THAN FLOOR TO DECK HEIGHT TO ALLOW FOR DEFLECTION. STUDS SHALL BE ATTACHED TO SLP-TRK THROUGH THE MIDPOINT OF FLANGE SLOTS USING #8 SELF-TAPPING WAFER HEAD SCREWS ON EACH SIDE OF STUD.
2. ALL IN WALL BLOCKING AND ALL PLYWOOD SHEETING TO BE F.R.T. (TYP.)
3. G.C. SHALL BE RESPONSIBLE FOR THE PROTECTION OF THEIR WORK, THE SUBCONTRACTORS WORK AND THE NEIGHBORING PROPERTIES ON ALL SIDES, FROM DAMAGE UNTIL FINAL COMPLETION AND ACCEPTANCE BY THE OWNER AND SHALL REPAIR ANY DAMAGE AS MAY OCCUR.
4. G.C. TO STUDY ALL DOCUMENTS INCLUDING THOSE FROM ALL CONSULTANTS AND REPORT DISCREPANCIES DISCOVERED OR CO-ORDINATION REQUIRED BETWEEN ELEMENTS OF THE CONTRACT DOCUMENTS TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
5. G.C. TO PATCH AND REPAIR TO NEW CONDITION ANY DEMISING WALL, CORRIDOR OR OTHER PROPERTY THAT IS DAMAGE DURING DEMOLITION OR CONSTRUCTION. G.C. TO MATCH ALL STANDARD FINISHES.
6. THE CONTRACTOR AND THE FIXTURE MANUFACTURER SHALL EACH FULLY COORDINATE HIS WORK WITH THE WORK OF THE OTHER AND WITH THE WORK OF THE OWNER. THE G.C. SHALL HAVE THE ULTIMATE RESPONSIBILITY TO COORDINATE, SCHEDULE AND SEQUENCE ALL THE WORK.
7. G.C. TO FURNISH AND INSTALL ALL MILLWORK BLOCKING AS REQUIRED BY THE FIXTURE MANUFACTURER. G.C. TO PROVIDE DRAWING INDICATED SIZE AND LOCATION OF ALL BLOCKING.
8. NO CONNECTION FROM THE OWNER'S ELEMENTS TO THE ROOF DECK IS PERMITTED UNLESS PREVIOUSLY APPROVED BY THE LANDLORD.
9. ALL GYPSUM BOARD PARTITIONS ARE DIMENSIONED TO ONE FACE UNLESS OTHERWISE NOTED.
10. GYPSUM BOARD IS 5/8 " THK. UNLESS OTHERWISE NOTED.
11. WHERE GWB USED IN FIRE RATED WALLS, USE ONLY "SHEETROCK FIRECODE 'C' " PANELS BY USG CORPORATION OR APPROVED EQUAL.
12. ENSURE THAT STEEL STUD THICKNESS, SIZE AND SPACING IS ADEQUATE FOR THE HEIGHTS OF PARTITIONS.
13. CONTRACTOR TO VERIFY AND PROVIDE FOR STUD SIZES AND STEEL THICKNESS ADEQUATE FOR HEIGHTS OF PARTITIONS, TYPICAL.
14. PROVIDE FOR DEFLECTION ALLOWANCE (SLIP JOINT) AT TOPS OF ALL WALLS ABUTTING STRUCTURE.
15. ANY DAMAGES THAT CAUSED BY DEMOLITION MUST BE MADE GOOD TO A LIKE NEW CONDITION OR MAKE GOOD TO RECEIVE NEW FINISHES.
16. NO TRENCHING ON BASE BUILDING CONCRETE SLAB.
17. G.C. IS TO DELIVER ALL WALLS (EXISTING INCLUDED) TO A LEVEL 4 FINISH U.N.O.
18. PROVIDE CORNER GUARDS ON ALL EXPOSED GWB CORNERS NOT COVERED BY FIXTURES (INCLUDING CORNERS ON ENCLOSED COLUMNS & AT STOREFRONT WINDOWS). CORNER GUARDS TO BE 3"X3"X3 16" STEEL CORNER GUARDS TO 4'-0" A.F.F. TYP.
19. ALL REAR ENTRIES MUST HAVE A DOORBELL FOR DELIVERIES.
20. DOOR HARDWARE IS PURCHASED BY THE QC AND SHIPPED TO THE SITE BY THE HARDWARE VENDOR. SHIPMENTS MUST BE REVIEWED UPON RECEIPT. ALEN SECURITY MUST BE NOTIFIED WITHIN 24 HOURS OF RECEIPT OF MATERIAL FOR MISSING, LOST, DAMAGED OR CONCEALED DAMAGED PRODUCT IF ANY SUSPECTED. CONCEALED DAMAGED OR DAMAGED SHIPMENT MUST BE SIGNED FOR AS SUCH BEFORE CARRIER LEAVES MATERIAL ON SITE.
    CONTACT: KEN ALEN
    TEL: (609) 448-8707
    KEN@ALENSECURITY.COM

GENERAL NOTES	-	2



CONSTRUCTION PLAN	3/16" = 1'-0"	1

No.	Revisions	Date
3	ISSUED FOR PERMIT	10 NOV 2026
2	ISSUED FOR LANDLORD REVIEW	29 OCT 2026
1	ISSUED FOR CLIENT REVIEW	15 OCT 2026

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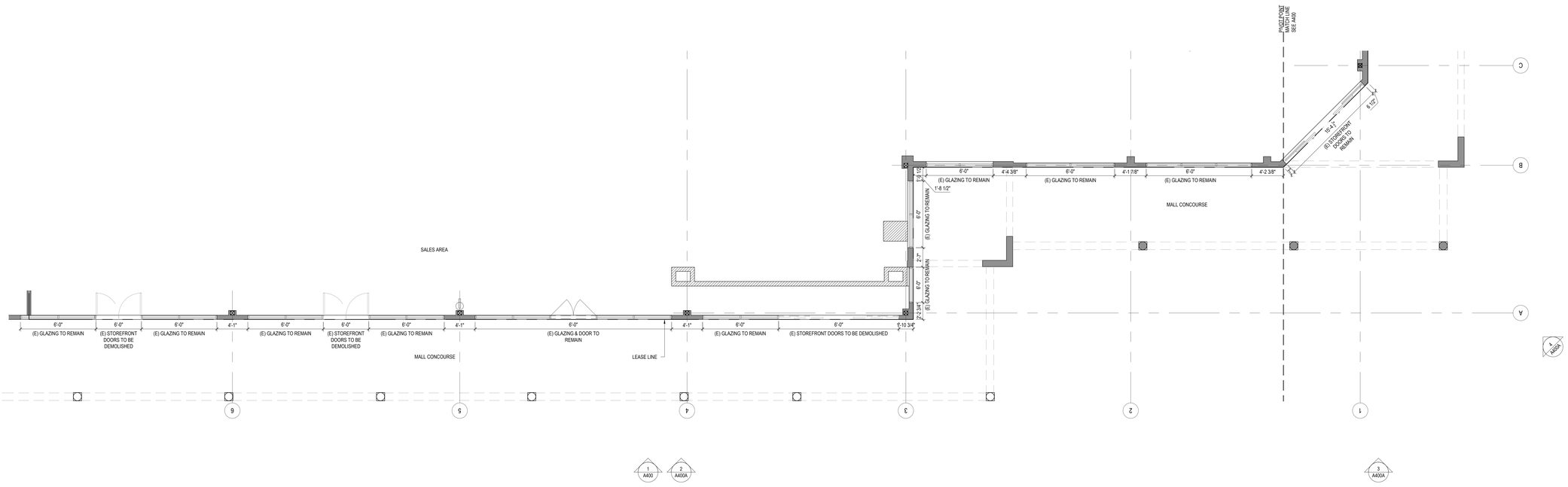
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ANDRE EGUAKUN — 2026-11-10

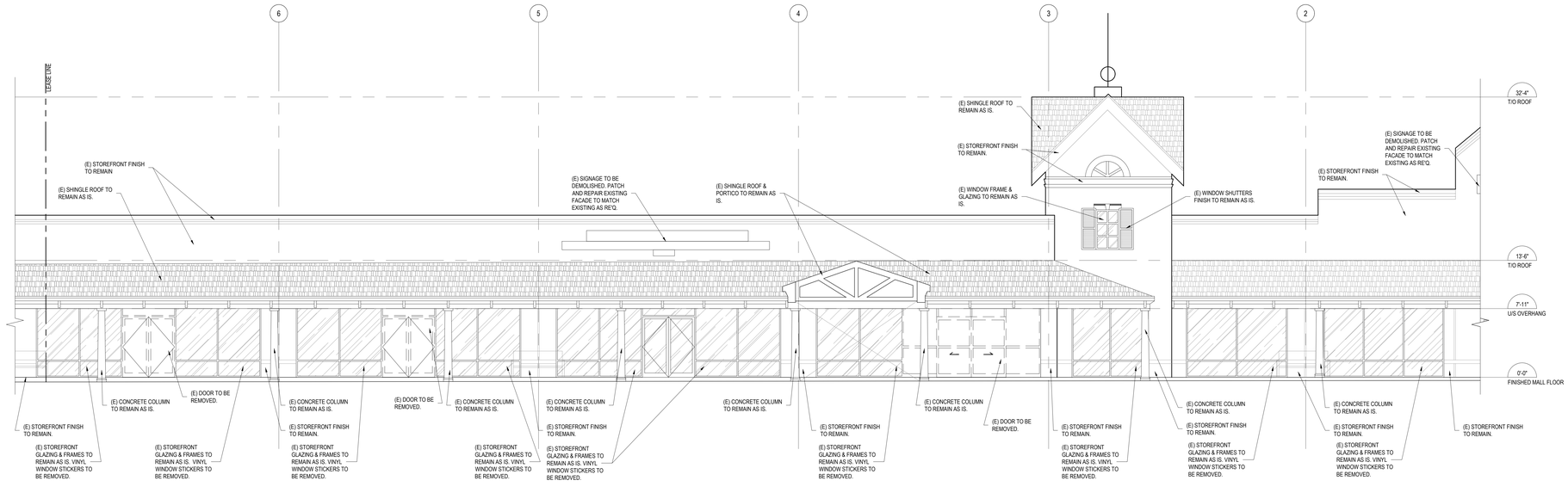
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EG	AS NOTED
Checked	Date
SW	OCT 2026

Title: CONSTRUCTION PLAN & WALL TYPES

Project No.	Drawing No.
26-108	A201



DEMO STOREFRONT PLAN DETAIL | 3/16"=1'-0" | 2



DEMO STOREFRONT ELEVATION | 3/16"- 1'-0" | 1

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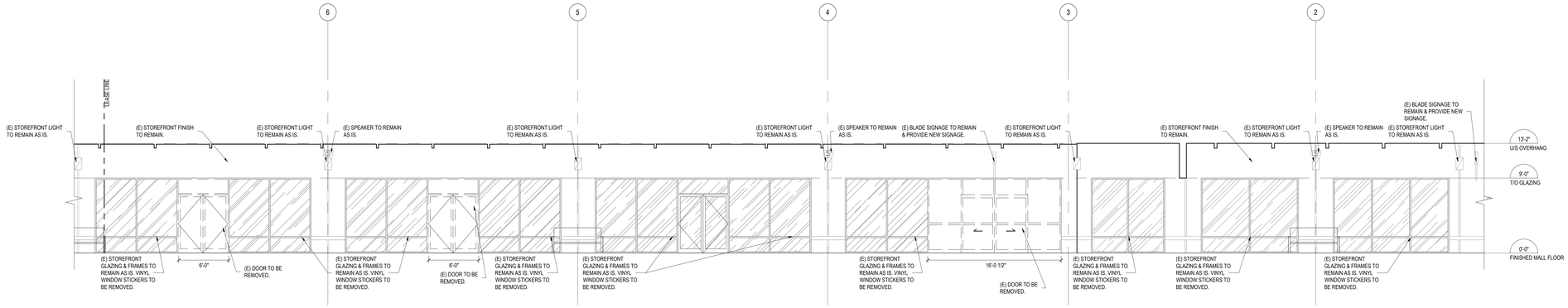
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PROFESSIONAL ENGINEER — PROVINCE OF ONTARIO — CANADA
2026-11-10

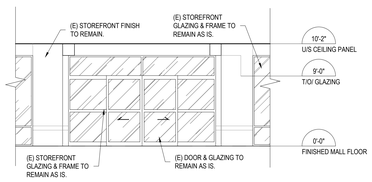
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Title: STOREFRONT ELEVATION & PLAN DETAIL

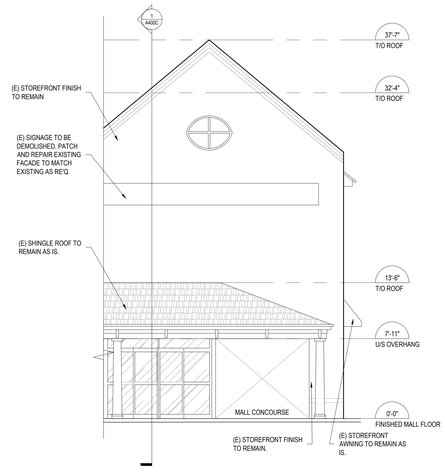
Project No.: 26-108
Drawing No.: A400



DEMO STOREFRONT ELEVATION | 3/16"- 1'-0" | 2



DEMO STOREFRONT ELEVATION | 3/16"- 1'-0" | 4



DEMO STOREFRONT ELEVATION | 3/16"- 1'-0" | 3

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800 GEORGIA 400 S, DAWSONVILLE, GA, 30534, US

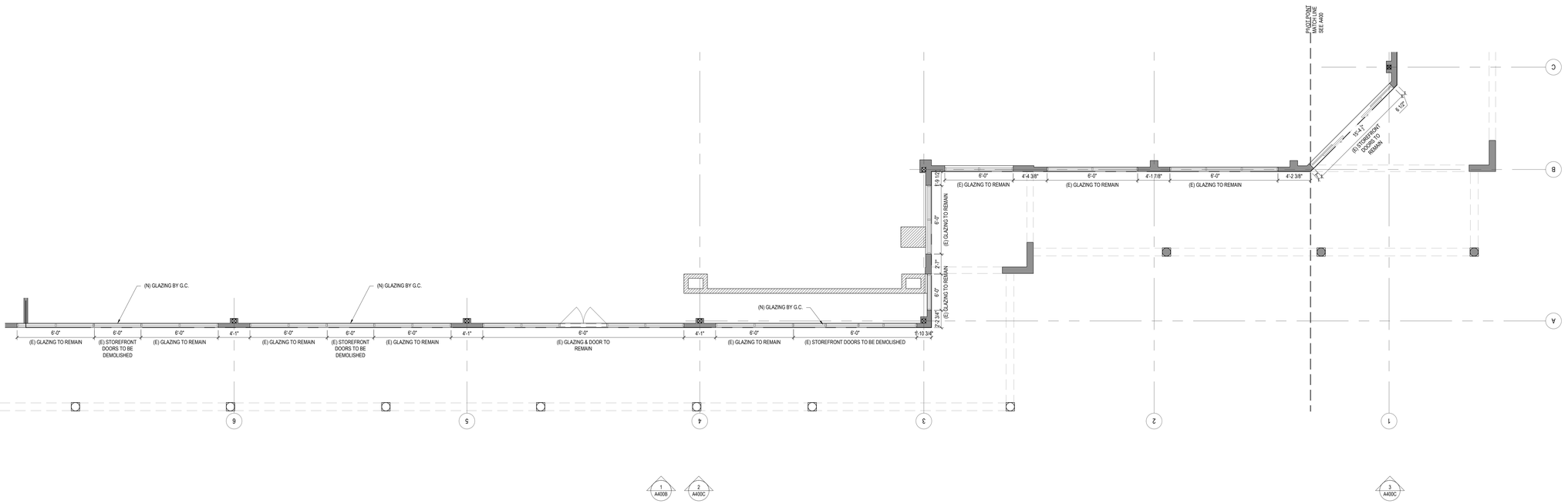
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CONSTRUCTION NORTH

2026-11-10

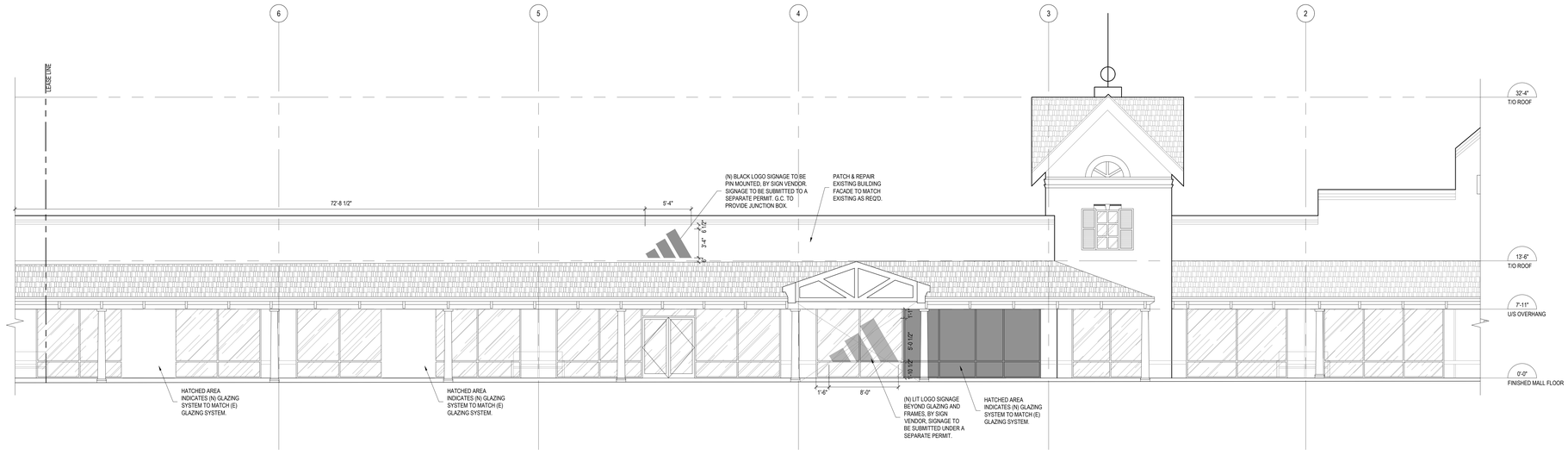
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Checked: SW	Date: OCT 2026

Title: STOREFRONT ELEVATION & PLAN DETAIL

Project No.: 26-108
Drawing No.: A400A



DEMO STOREFRONT PLAN DETAIL | 3/16"=1'-0" | 2



DEMO STOREFRONT ELEVATION | 3/16"- 1'-0" | 1

No.	Revisions	Date
3	ISSUED FOR PERMIT	10 NOV 2026
2	ISSUED FOR LANDLORD REVIEW	29 OCT 2026
1	ISSUED FOR CLIENT REVIEW	15 OCT 2026

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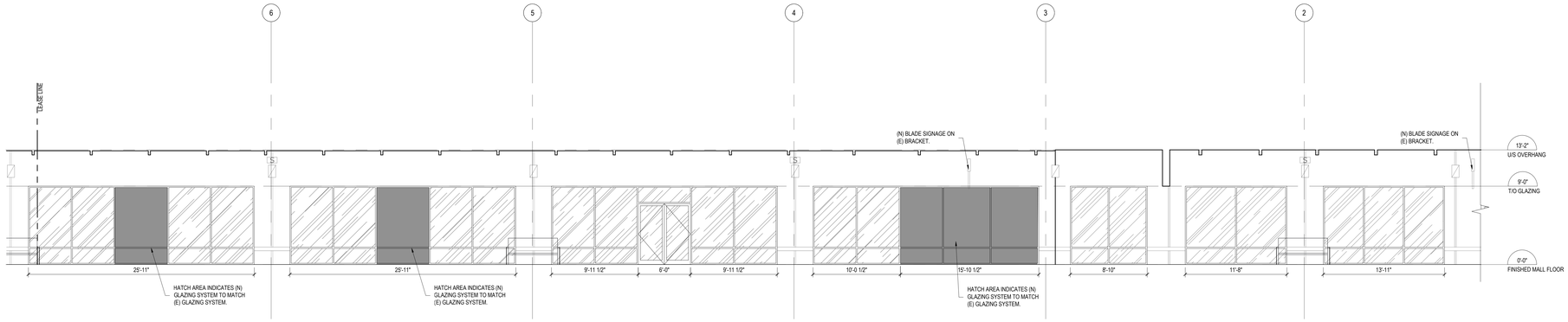
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CONSTRUCTION NORTH

2026-11-10

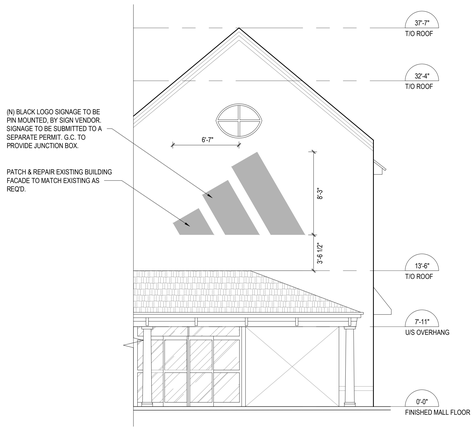
Drawn: CL	Scale: AS NOTED
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Title: STOREFRONT ELEVATION & PLAN DETAIL

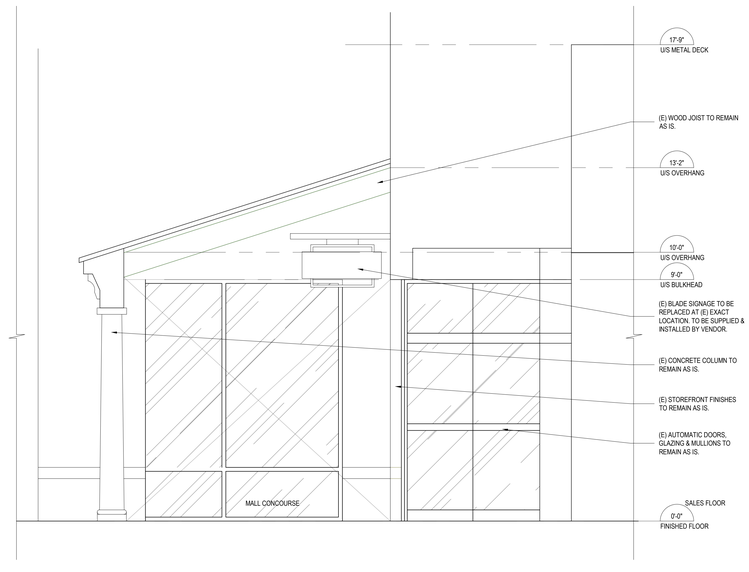
Project No.: 26-108 | Drawing No.: A400B



PRIMARY STOREFRONT ELEVATION | 3/16"- 1'-0" | 2



PRIMARY STOREFRONT ELEVATION | 3/16"- 1'-0" | 3



PRIMARY STOREFRONT SECTION | 1/2" = 1'-0" | 1

No.	Revisions	Date
3	ISSUED FOR PERMIT	10 NOV 2026
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2026-11-10

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Checked: SW	Date: OCT 2026

Title: STOREFRONT ELEVATION & PLAN DETAIL

Project No. 26-108 | Drawing No. A400C