# PANTHER NATIONAL GOLF CLUB: MAINTENANCE FACILITY

AFF ABOVE FINISHED FLOOR E ABOVE FINISHED GRADE AFG ACCESSIBLE EP ACC ACOUSTIC CEILING TILE ACT EL ACOUS ACOUSTICAL APC ACOUSTICAL PANEL CEILING ENCL ENCLOSURE ADJ ADJACENT AGGR AGGREGATE AIR CONDITIONING AC ALT ALTERNATE ALUM ALUMINUM AB ANCHOR BOLT AND & ANOD ANODIZED EXP APPRO APPROXIMATE EB Х F.J ARCH ARCHITECTURAL AREA DRAIN AD ASPH ASPHALT AT @ FB ATTN ATTENTION FO AV AUDIOVISUAI FT AUTO AUTOMATIC FRC BSMNT BASEMENT BM BEAM FIN BEARING BRG BIT BITUMINOUS BLK BLOCK BLKG BLOCKING FE BD BOARD FEC BOTTOM BOTTOM O BO BRACKET BRKT FR BRK BRICK FRT BLDG BUILDING CAB CABINET CARPET CPT CAST IRON CL CAST-IN-PLACE FH CIP CATCH BASIN CB FD CAT CATEGORY FD CLG CEILING CEM CEMENT CEMENT BOARD CB CEMENTITIOUS BACKER UNIT CBU CTR CENTER CENTER TO CENTER CC CENTERLINE CL CERAMIC CER CERAMIC TILE СТ CHANNEL СН CHILLER CLEANOUT CO GV CLR CLEAR GA CCTV CLOSED CIRCUIT TELEVISION GEN CW COLD WATER GC COL COLUMN GL CONC CONCRETE CMU CONCRETE MASONRY UNIT COND CONDITION CONN CONNECTION CONST CONSTRUCTION CONT CONTINUOUS CONTR CONTRACTOR CJ CONTROL JOINT COORD COORDINATE CG CORNER GUARD CORR CORRIDOR CNTR COUNTER CTSK COUNTERSUNK DMPF DAMP PROOFING D DEEP, DEPTH DEG DEGREE DEMO DEMOLISH OR DEMOLITION DEMO DEMOLITION HGT DEPT DEPARTMENT н DTL DETAIL HO DIA DIAMETER HM DIFF DIFFUSER DIMENSION DIM HB DIMS DIMENSIONS HB DISHWASHER DW DISP DISPENSER HW DIV DIVISION HR DR DOOR DO DOOR OPENING D IN DBL DOUBLE DN DOWN DS DOWNSPOUT ID DRN DRAIN DWR DRAWER DWG DRAWING DF DRINKING FOUNTAIN EA EACH

EAST ELEC ELECTRICAL ELECTRICAL PANEL ELEVATION ELEV ELEVATOR EMER EMERGENCY ENG ENGINEER EQ EQUAL EQUIP EQUIPMENT EPDM ETHYLENE PROPYLENE DIENE M-CLASS EXH EXHAUST EXIST EXISTING EXPANSION EXPANSION BOLT EXPANSION JOINT EXT EXTERIOR FWC FABRIC WALL COVERING FWP FABRIC WRAPPED PANEL FACE BRICK FACE OF FEET/FOOT FIBER REINFORCED CONCRETE FINISH FFEL FINISH FLOOR ELEVATION FA FIRE ALARM FDC FIRE DEPARTMENT CONNECTION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FHC FIRE HOSE CABINET FIRE PROTECTION FIRE RESISTANT FIRE RETARDANT TREATED FPG FIREPROOFING FIXT FIXTURE FLASH FLASHING FLAT HEAD FLOOR FLR FLOOR DRAIN FLOOR DRAIN OR FIRE DEPARTMENT FLUOR FLUORESCENT FFB FLUSH FLOOR BOX FOOTING FTG FND FOUNDATION FURN FURNITURE FF&E FURNITURE, FIXTURES AND EQUIPMENT FURR FURRING GALV GALVANIZED GSM GALVANIZED SHEET METAL GAS VALVE GAUGE GENERAL GENERAL CONTRACT(OR) GLASS GFRC GLASS FIBER REINFORCED CONCRETE GFRG GLASS FIBER REINFORCED GYPSUM GLAZ GLAZING GRAB BAR GB GRAN GRANULAR GROUND GRD GYP GYPSUM GWB GYPSUM WALL BOARD HC HANDICAPPED HNDRL HANDRAIL HDWR HARDWARE HDWD HARDWOOD HTG HEATING HVAC HEATING VENTILATION & AIR CONDITIONING HEIGHT HIGH/HEIGHT HOLD OPEN HOLLOW META HORIZ HORIZONTAL HOSE BIB HOSE BIBB HRC HOSE REEL CABINET HOT WATER HOUR INCAN INCANDESCENT INCH/INCHES INCL INCLUDED/INCLUDING INFO INFORMATION INSIDE DIAMETER INSUL INSULATED OR INSULATION INSUL INSULATION INT INTERIOR

M INV INVERT JANITOR JAN JC JANITOR'S CLOSET JOINT JT JST JOIST KIT KITCHEN KNOCK OUT KO LAM LAMINATE LAV LAVATORY LT LIGHT LLH LONG LEG HORIZONTAL LLV LONG LEG VERTICAL POUNDS LB MH MANHOLE MFR MANUFACTURER MAS MASONRY MO MASONRY OPENING MAX MAXIMUM MECH MECHANICAL MED MEDIUM MEMBR MEMBRANE MTL METAL MIN MINIMUM MISC MISCELLANEOUS MR MOISTURE RESISTANT MTD MOUNTED MTG MOUNTING MULL MULLION NC NOISE CRITERIA NOM NOMINAL NORTH Ν NA NOT APPLICABLE NIC NOT IN CONTRACT NTS NOT TO SCALE NO NUMBER OFF OFFICE OC ON CENTER OPNG OPENING OPP OPPOSITE OA OUTSIDE AIR OD OUTSIDE DIAMETER OVERFLOW DRAIN ORD OVERFLOW ROOF DRAIN OH OVERHEAD OFCI OWNER FURNISHED, CONTRACTOR INSTALLED OFOI OWNER FURNISHED, OWNER INSTALLED Р PAINT PNT PAINT OR PAINTED PTD PAINTED PR PAIR PNL PANEL PBD PARTICLE BOARD PTN PARTITION PAV PAVING PERF PERFORATED PERIM PERIMETER PERP PERPENDICULAR PLAS PLASTER PLAM PLASTIC LAMINATE PI. PLATE PLBG PLUMBING PLYWD PLYWOOD PT POINT POL POLISHED PVC POLYVINYL CHLORIDE PLF POUNDS PER LINEAR FOOT PSF POUNDS PER SQUARE FOOT PDF POWER DRIVEN FASTENER PC PRECAST PREFA PREFABRICATED PT PRESSURE TREATED PROJ PROJECT QTY QUANTITY QUARRY TILE QT RADIUS RAD RADIUS/RISER R RWL RAIN WATER LEADER RTD RATED RTG RATING RECPT RECEPTACLE REC RECESSED REF REFERENCE RCP REFLECTED CEILING PLAN REFR REFRIGERATOR REG REGISTER REINF REINFORCED REINF REINFORCED REINFORCING REL RELOCATE REM REMOVABLE REQ REQUIRE/REQUIRED

INTER INTERMEDIATE

RESIL RESILIENT **RESILIENT BASE** RETURN AIR REV **REVISION/REVISED** RD ROOF DRAIN ROOM RM RO ROUGH OPENING RBR RUBBER SCHED SCHEDULE SECT SECTION SELF ADHERED FLASHING SAF SSK SERVICE SINK SHT SHEET SM SHEET METAL SHR SHOWER SIM SIMILAR SC SOLID CORE SOUND TRANSMISSION STC COEFFICIENT SOUTH S SPKR SPEAKER SPEC SPECIFICATION SPEC SPECIFIED OR SPECIFICATION SPRINKLER HEAD SH SPK SPRINKLER OR SPEAKER SQ SQUARE SQUARE FEET/FOOT STAINLESS STEEL STANDPIPE STATION STA STL STEEL STOR STORAGE SD STORM DRAIN STRG STRINGER STRUC STRUCTURAL STRUC STRUCTURE OR STRUCTURAL SUBCA SUBCATEGORY SUPPLY AIR SM SURFACE MOUNTED SUSP SUSPENDED SYM SYMMETRICAL SYS SYSTEM TKBD TACK BOARD TELE TELEPHONE TEL TELEPHONE/TELECOM TV TELEVISION TEMP TEMPERATURE TMPD TEMPERED TEMP TEMPORARY THK THICKNESS THRU THROUGH TLT TOILET T&G TONGUE AND GROOVE T&B TOP AND BOTTOM TO TOP OF TOB TOP OF BEAM TOC TOP OF CONCRETE TOS TOP OF STEEL TOWEL BAR ΤB TREAD TS TUBE STEEL TYP TYPICAL UNFIN UNFINISHED UNO UNLESS NOTED OTHERWISE UON UNLESS OTHERWISE NOTED URNL URINAL VR VAPOR RETARDER VAR VARIES VAC VENTILATION AND AIR CONDITIONING VIF VERIFY IN FIELD VERT VERTICAL VEST VESTIBULE VINYL COMPOSITION TILE VCT VT VINYL TILE VWC VINYL WALL COVERING VP VISION PANEL WSCT WAINSCOT WC WATER CLOSET WV WATER VALVE WPM WATERPROOF MEMBRANE WP WATERPROOF/WATERPROOFI NG WS WEATHER-STRIPPING WT WEIGHT WWF WELDED WIRE FABRIC WWM WELDED WIRE MESH WIDE/WEST WINDOW WIN WIRE MESH WM W/ WITH

REQD REQUIRED

RB

RA

SF

SS

SP

SA

Т

W

TABLE 1006.3.2:

MINIMUM 2 EXITS REQUIRED

## CONTRACT DOCUMENTS FOR:

	STANDARD SYMBOLS			RCP LEGEND SYMBOLS			
101 ROOM SPACE NUMBER		DIRECTION OF SLOPE		HI HAT LED LIGHT RECESSED	EMERGENCY LIGHT STROBE & SIREN		
BC NOTES		BREAK LINE	О 	CEILING MOUNTED WALL MOUNTED LED LIGHT FIXTURES	SECURITY CLOSED TV - CAMERA (MONITORED) LED FIXTURE		
WALL TYPE		REVISION MARK		1 x 2 WRAPAROUND LED FIXTURE	© SECURITY CAMERA CEILING MTE LED FIXTURE (MOTION ACTIVATED)		
		AREA TO BE DEMOLISHED	O	4" ROUND. APERTURE VAPOR PROOF (DAMP LOCATION)	FAN		
1F STOREFRONT NUMBER/LETTER	FIN. 1ST FLOOR. ELEV+0'-0" A.F.F.	FLOOR PLAN ELEVATION NOTE		2 x 4 RECESSED TROFFER LED FIXTURE	AIR DUCTS		
DOOR TAG		REFLECTED CEILING		2 x 4 RECESSED TROFFER EMERGENCY	RETURN AIR GRILLE		
DETAIL NUMBER INTERIOR ELEVATION WALL (SHADE PORTIONS - SIDE	÷		O	2 x 32W SURFACE - MOUNT LED FIXTURE - 2 TUBE (T-8)			
CONSIDERED) DETAIL NUMBER DETAIL A100	ELEV. +/-0'-0" F.I		2ºZ	EXTERIOR FLOODLIGHTS LED FIXTURE W/ MOTION SENSOR	FAN EXHAUST FIXTURE 75 CFM EXHAUST		
SHEET/REFERENCE DWG NUMBER SECTION LETTER BUILDIING SECTION	+10.5'	NEW OR EQUIPPED POINT ELEVATION (PLAN)		EXTERIOR FLOODLIGHTS DECKS OR SOFFITS LED FIXTURE			
		EXISTING	EXIT	EXIT LIGHT W/ BATTERY BACKUP			
CHANGE IN SURFACE		POINT ELEVATION (PLAN)		EMERGENCY LIGHT W/ BATTERY BACKUP	ELECTRICAL PANEL LOAD CENTER CIRCUIT BREAKER PANEL		
FLUSH OR CONTINOUS SURFACE	•	TEST BORING	EXIT_	EXIT & EMERGENCY LIGHT COMBINATION FIXTURE	O EXISTING FIRE SPRINKLER SP HEAD		

	2020 7TH EDITION	FBC CODE REVIEW
CHAPTER	REQUIREMENTS OR ALLOWABLE	PROVIDED
(3) OCCUPANCY	(SEC. 311.2 FBC)         STORAGE (S1)           (SEC. 304.1 FBC)         BUSINESS (B)	STORAGE (S1) BUSINESS (B)
(5) GENERAL BUILDING LIMITATIONS	TABLE 504.3: ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE: 55 FT (TYPE II B SPRINKLERED BUILDING)	MEAN HEIGHT: BUILDING "A": 17'-6" BUILDING "B": 15'-1" BUILDING "C": 15'-1"
	TABLE 504.4 ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE: B= 3 (S); S1= 2 (S); U= 2(S)	STORIES: 1
	TABLE 506.2 ALLOWABLE AREA FACTOR IN S.F : B=23,000 S1=17,500 U= 8,500	BUILDING AREA: BUILDING "3": 10,200 SF (SPRINKLERED) BUILDING "2": 3,875SF BUILDING "1": 1,814SF
(6) CONSTRUCTION TYPE	TABLE 601: BUILDING TYPE: TYPE II B - SPRINKLERED (NORATING REQUIRED)	TYPE II B - SPRINKLERED (S)
(6) STRUCTURAL ELEMENTS	REQ'D	ACTUAL
BEARING WALLS	0	0
NON-BEARING WALLS & PARTITIONS INTERIOR:	0	0
FLOOR CONSTRUCTION (INCLUDE: SUPPORT BEAMS & JOISTS):	0	0
ROOF CONSTRUCTION (INCLUDE: SUPPORT BEAMS & JOISTS):	0	0
(9) FIRE RESISTANT MATERIALS & CONSTRUCTION	CONSTRUCTION SHALL CONFORM TO FBC CHAPTER 7	RENOVATION CONFORMS TO FBC CHAPTER 7 (COMPLY)
(8) INTERIOR FINISHES	TABLE 803.11: (SPRINKLERED)	GROUP: S (S) VERTICAL EXISTS AND EXIT PASSGEWAYS: CLASS C EXIT ACCESS CORRIDORS AND OTHER EXITWAYS: CLASS C ROOMS AND ENCLOSED SPACES: CLASS C GROUP: B (S) VERTICAL EXISTS AND EXIT PASSGEWAYS: CLASS B
		EXIT ACCESS CORRIDORS AND OTHER EXITWAYS: CLASS D ROOMS AND ENCLOSED SPACES: CLASS C
(9) FIRE PROTECTION SYSTEMS	FIRE SPRINKLERS: REQUIERED	MAIN BUILDING "3" IS SPRINKLERED.
(10) MEANS OF EGRESS	TABLE 1017.2 ACCESS TRAVEL DISTANCE S1=200' (NS) MAX B=200' (NS) MAX U=300' (NS) MAX	88"-9"= ACTUAL MAX. TRAVEL DISTANCE TO EXIT

MAIN MAINTENANCE BUILDING "3": TOTAL BLDG AREA 10,200 SF EQUIP COVERED STORAGE AND MIX/ LOAD AREA "2": TOTAL BLDG AREA: 3,875 SF (683 SF ENCLOSED + 3192 SF OPEN COVERED AREA)

SOIL BIN AND REFUSE ENCLOSURE BUILDING "1": TOTAL OPEN COVERED AREA: 1,814 SF

## LOCATION:

SITE ADDRESS: AT AVENIR GOLF COURSE (NOTE: ADDRESS TO BE PROVIDED BY GIS. BY OTHER.)

## PROJECT NARRATIVE:

THESE CONSTRUCTION DOCUMENTS ARE INTENDED FOR THE CONSTRUCTION OF A ONE STORY BUILDING OF 10,200 SF, A ONE STORY COVERED STORAGE BUILDING OF 3,875 SF, AND FERTILIZER FOR LAWN CARE LOCATED AS SHOWN ON SURVEY.

THESE BUILDINGS WILL BE STORING GOLF COURSE LAWN MAINTENANCE EQUIPMENT AND REPAIR EQUIPMENT, HAND TOOLS, AND SPARE PARTS. INCLUDES ADMINISTRATION OFFICE AREA AND BREAKROOM.

## APPLICABLE CODES

THE CODES LISTED HEREIN APPLY TO THE WORK TO BE PERFORMED IN ASSOCIATION W/ THESE CONTRACT DOCUMENTS. OMISSION OF A CODE REFERENCE SHALL NOT RELIEVE CONTRACTOR OF COMPLIANCE W/ ALL CODES THAT APPLY TO THE WORK INDICATED OF INFERRED BY THESE DOCUMENTS.

FBC (FLORIDA BUILDING CODE), SEVENTH EDITION (2020) BUILDING FBC (FLORIDA BUILDING CODE), SEVENTH EDITION (2020) ACCESSIBILITY FBC (FLORIDA BUILDING CODE), SEVENTH EDITION (2020) MECHANICAL FBC (FLORIDA BUILDING CODE), SEVENTH EDITION (2020) PLUMBING FBC (FLORIDA BUILDING CODE), SEVENTH EDITION (2020) GAS NFPA 101 LIFE SAFETY CODE 2018, FLORIDA SEVENTH EDITION (2020) NFPA 1 FIRE CODE 2018, FLORIDA SEVENTH EDITION (2020) NEC (NATIONAL BUILDING CODE) 2017, FLORIDA SEVENTH EDITION (2020)

## INTENT OF CONTRACT DOCUMENT:

IT IS THE INTENT OF THESE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS TO DESCRIBE ALL LABOR MATERIALS AND EQUIPMENT REQUIRED TO COMPLETE THE WORK CALLED FOR, INDICATED OR REASONABLY IMPLIED BY THEM. INCLUDING: ELECTRICAL, PLUMBING, AIR CONDITIONING, SITE WORK AND SUBSURFACE PREPARATIONS AND ALL OTHER ITEMS INCIDENTAL THERETO OR OTHERWISE DESCRIBED.

## DEFERRED SUBMITTALS LIST:

DEFERRED SUBMITTAL DOCUMENTS WILL BE REVIEWED FOR GERNEAL CONFORMANCE WITH THE DESGIN INTENT OF THE BUILDING. FBC 107.3.4.1. GENERAL CONTRACTOR SHALL SUBMIT REVIEW SHOP DRAWINGS SIGNED AND SEALED BY FLORIDA REGISTERED ENGINEERING FOR REVIEW AND APPROVAL BY THE ARCHITECT / ENGINEER PRIOR TO FABRICATION.

1. PRE-ENGINEERING METAL BUILDINGS

## 2. EXTERIOR DOORS

3. IMPACT WINDOWS 4. FIRE SPRINKLER AND FIRE ALARM SYSTEMS

	NOA'S - PRODUCT APPROVAL SCHEDULE1							
NOA NO.	PRODUCT	MODEL	MANUFATURER	EVALUATION AGENCY	EXPIRATION DATE			
20-0401.10	WINDOW	SERIES PW7720A	PGT INDUSTRIES	MIAMI-DADE COUNTY	02/19/2024			
20-1230.09	EXTERIOR DOOR	SERIES "GENSTORM" OUTSWING OPAQUE STEEL DOORS	GENSTEEL DOORS	MIAMI-DADE COUNTY	07/14/2025			
20-0901.21	STEEL ROLLING-UP DOOR	GARAGE DOOR UP TO 22FT	DAB DOOR COMPANY	MIAMI-DADE COUNTY	11/04/2024			

**4 EXITS PROVIDED** 

CURRENT REV.	I CONTRACTION OF DESCRIPTION OF DESC
	SEAL OF FLOR DANIEL DIAZ MAR 97839 OF FLOR AR 9785 OF FLO
	PANTHER NATIONAL:         PANTHER NATIONAL:         MAINTENANCE FACILITY         PALM BEACH GARDENS, FL 33487
	REVISIONS # DATE DESCRIPTION
	D&Q PROJECT NO.: 22-030 CHECKED BY: DRAWN BY: DATE: 08-28-2023 PHASE PERMIT SET PHASE SHEET TITLE COVER SHEET

	DESCRIPTION	CONNENTIN
001	COVER SHEET	
002	GENERAL NOTES AND DATA	
003	GENERAL NOTES AND DATA	
004	ACCESSIBILITY REQUIREMENTS	
101	ARCHITECTURAL SITE PLAN	
102	LIFE SAFETY PLAN	
103	ARCHITECTURAL FLOOR PLAN	
104	ARCHITECTURAL REFLECTING	
(104	CEILING PLAN	
105	ARCHITECTURAL ROOF PLAN	
201	EXTERIOR ELEVATIONS	
202	EXTERIOR ELEVATIONS	
203	EXTERIOR ELEVATIONS	
301	BUILDING SECTIONS	
302	WALL SECTIONS	
401	ENLARGE FLOOR PLAN & INTERIOR ELEVATIONS	
402	INTERIOR ELEVATIONS & DETAILS	
501	DOOR SCHEDULE & WALL TYPES	
601	SITE DETAIL	
0.1	ELECTRICAL NOTES, LEGEND &	
- 4 - 4		
1.1	SITE PHOTOMETRICS PLAN SITE POWER PLAN	
1.2 2.1	LIGHTING PLAN	
3.1 5.1	POWER PLAN	
:5.1 /10.1	ELECTRICAL RISER DIAGRAM	
/10.1	MECHANICAL NOTES, LEGEND & INDEX	
/11	MECHANICAL PLAN	
/12	MECHANICAL PLAN	
/12.1	MECHANICAL FLOOR PLAN	
/16.1	MECHANICAL SCHEDULES	
20.1	PLUMBING NOTES, LEGENDS, AND DETAILS	
P1	PLUMBING FLOOR PLAN	
2	PLUMBING FLOOR PLAN	
2.1	SANITARY PLAN	
2.2	SITE PLUMBING PLAN	
2.3	PLUMBING SYSTEMS	
<b>'</b> 3.1	DOMESTIC WATER PLAN	
P5.1	PLUMBING ISOMETICS	
5-1	BUILDING "A" PARTIAL FOUNDATION PLAN	
6-2	BUILDING "A" PARTIAL FOUNDATION PLAN	
6-3	BUILDING "B" FOUNDATION PLAN	
6-4	BUILDING "C" FOUNDATION PLAN	
6-5	SECTION & DETAILS	
8-6	SECTION & DETAILS	
6-7	SECTION & DETAILS	
6-8	SECTION & DETAILS	
OTAL N	JMBER OF SHEETS IN SET: 45	
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INDEX OF DRAWINGS

SHEET # DESCRIPTION

## **GENERAL NOTES**

THE DRAWINGS AND TOGETHER WITH THE DRAWINGS CONSTITUTE THE CONTRACT DOCUMENTS. CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ARCHITECT ANY DISCREPANCIES AMBIGUITIES AND/OR CONTRADICTIONS BETWEEN THEM AND THESE DOCUMENTS AND BETWEEN THESE DOCUMENTS AND EXISTING CONDITIONS PRIOR TO BID SUBMITTAL; UPON CONTRACT MOST STRINGENT STANDARD WILL APPLY. CONTRACTOR SHALL VISIT THE JOB SITE AND VERIFY ALL CONDITIONS OF THE WORK PRIOR TO SUBMITTING A BID CONTRACTOR SHALL PROVIDE ALL REQUIRED INSURANCE FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK. PROOF OF INSURANCE SHALL BE SUBMITTED TO THE OWNER PRIOR TO COMMENCEMENT OF WORK CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AT THE TIME THE WORK IS PERFORMED ON THE SITE. NO ADDITIONAL PAYMENTS SHALL BE MADE FOR THE CONTRACTOR'S FAILURE TO CORRECT CONFLICTING FIELD CONDITIONS

THESE GENERAL NOTES GIVE DIRECTIVES AND PROVIDE STANDARDS THAT FURTHER COMPLIMENT

CONTRACTOR SHALL GUARANTEE ALL WORK UNDER THIS CONTRACT TO BE FREE FROM DEFECTS IN MATERIALS OR WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OR CERTIFICATE OF OCCUPANCY CONTRACTOR SHALL CONTACT OWNER 30 DAYS PRIOR TO EXPIRATION OF ONE YEAR WARRANTY PERIOD FOR INSPECTION OF PREMISES EQUIPMENT AND INSTALLATIONS AND REPAIR OR REPLACE ITEMS FOUND TO BE DEFICIENT AS DEFINED BY THE OWNER AND WARRA DOCUMENTS: FAILURE TO GIVE SUCH NOTICE SHALL EXTEND WARRANTY PERIOD.

FAILURE TO SHOW DETAILS OR REPEAT ON ANY DRAWING THE FIGURES. NOTES OF DETAILS GIVEN ON ANOTHER DRAWING SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO PERFORM THE WORK (AT NO ADDITIONAL COST) AS IF SHOWN ON EACH AND EVERY DRAWING. ALL WORK SHALL BE IN A FIRST-CLASS WORKMAN MANNER, NEAT AND COMPLETE IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS AND THE GOVERNING BUILDING CODE, THE STATE ENERGY EFFICIENCY CODE AND ALL AUTHORITIES HAVING JURISDICTION.

CONTRACTOR SHALL ENDEAVOR TO PROTECT THE OWNER'S AND ADJACENT OWNERS ROPERTY FROM DAMAGE DUE TO THE CONSTRUCTION PROCESS AT ALL TIMES AND REPAIR AT NO COST TO THE OWNER ANY DAMAGE THAT DOES OCCUR. CONTRACTOR SHALL ARRANGE FOR INSPECTIONS AND TESTS SPECIFIED OR REQUIRED BY THE CITY/COUNTY BUILDING DEPARTMENT AND SHALL PAY ALL FEES AND COSTS FOR THI SAME. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE AND PAY FOR ALL PERMITS AND LIPON COMPLETION OF WORK (PRIOR TO FINAL PAYMENT) DELIVER TO TH OWNER A CERTIFICATE OF OCCUPANCY FROM THE CITY/COUNTY BUILDING AND ZONING DEPARTMENT, SHOULD A LABOR AND MATERIAL PAYMENT BOND OR A PERFORMANCE BOND BE REQUIRED BY THE OWNER, THE COST OF SAID BOND SHALL BE PAID FOR BY THE OWNER. CONTRACTOR SHALL BE REQUIRED TO CARRY COMPREHENSIVE LIABILITY NSURANCE IN THE AMOUNT OF THE CONTRACT AND WORKMAN'S COMPENSATION INSURANCE AT HIS OWN EXPENSE

THE GENERAL CONDITIONS OF THE CONTRACT FORM ARE HEREBY MADE PART OF THIS CONTRACT AS IF WRITTEN ON THE FACE HEREOF (SEE SUPPLEMENTARY CONDITIONS IF ANY) HEREIN FOR ADDITIONS: DELETIONS: AND OTHER MODIFICATIONS THERETO.

AT THE END OF THE WORK THE CONTRACTOR SHALL FURNISH THE OWNER WITH ALL WRITTEN EQUIPMENT / FIXTURES GUARANTEES AND/OR WARRANTEES THE MANUEACTURER FOR ALL EQUIPMENT / FIXTURES INSTALLED WHETHER OR NOT SUCH GUARANTEE IS REQUESTED IN THE PLANS AND SPECIFICATIONS. COPIES OF PURCHASE ORDERS AND INVOICES SHALL BE FURNISHED FOR GUARANTEE AND ARRANTY PURPOSES UPON THE REQUEST OF THE OWNER. IN ADDITION, THE CONTRACTOR SHALL FURNISH TO THE OWNER ALL OPERATION. MAINTENANCE AND EPAIR MANUALS SUPPLIED BY THE MANUFACTURER AND SHALL CLEARLY MARK ON ALL ELECTRICAL PANELS THE CIRCUITS THEREOF DESIGNATING AREAS AND EQUIPMENT

WHEN A DETAIL DIMENSION OR REFERENCE IS INDICATED AS 'TYPICAL" IT APPLIES TO ALL SIMILAR CONDITIONS WHETHER INDICATED OR NOT, UNTIL IT IS CHANGED BY ANOTHER DETAIL, DIMENSION OR REFERENCE

10. ALL WORK SHALL EQUAL OR EXCEED ALL APPLICABLE BUILDING CODE REQUIREMENTS UNLESS OTHERWISE NOTED HEREIN.

1COMPARISON OF ALL DOCUMENTS CIVIL, LANDSCAPE, ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS SHALL BE PERFORMED BY THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS PRIOR TO SUBMITTAL OF BID AND AT THE BEGINNING OF CONSTRUCTION. ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED BEFORE STARTING THE WORK.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND AGAINST EQUIPMENT SPACE SPECIFICATIONS DRAWINGS ARE NOT TO BE SCALED. ANY DISCREPANCIES, ERRORS, OR OMISSIONS IN THE PLANS OR SPECIFICATIONS

DISCOVERED BY THE GENERAL CONTRACTOR OR ANY SUB- CONTRACTORS SHALL BE REFERRED TO THE ARCHITECT FOR FURTHER CLARIFICATION BEFORE STARTING THE WORK IN QUESTION. IF THE GENERAL CONTRACTOR AND/OR SUB-CONTRACTORS FAIL T GIVE WRITTEN NOTICE OF SUCH DISCREPANCIES, ERRORS, OR OMISSIONS AND TO OBTAIN CLARIFICATION FROM THE ARCHITECT. THE GENERAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE TOTAL COST (AT THE GENERAL CONTRACTOR'S EXPENSE) OF RECTIFYING THE DISCREPANCIES, ERRORS, OR OMISSIONS AND OTHER WORK DIRECTLY OR INDIRECTLY AFFECTED BY THE RECTIFICATION.

IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS. THEN, THEIR ONSTRUCTION SHALL BE OF THE SAME CHARACTER AND QUALITY AS THOSE OF SIMILAR CONDITIONS THAT ARE SHOWN OR CALLED FOR IN OTHER INSTANCES OF THE FEATURES. DETAILS. IN ALL INSTANCES, THE ARCHITECT SHALL BE CONSULTED FOR VERIFICATION OF ACCEPTABLE QUALITY AND CHARACTER PRIOR TO COMMENCEMENT OF WORK IN THE

THE ARCHITECT AND/OR ENGINEER SHALL NOT HAVE CHARGE, CONTROL, OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, SEQUENCES, PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS USED BY THE CONTRACTOR DURING THE CONSTRUCTION PROCESS.

PERMIT FEES, IMPACT FEES, WATER CONNECTION FEES, AND DEPOSITS FOR PERMANENT UTILITY SERVICES SHALL BE PAID FOR BY THE OWNER. THE CONTRACTOR SHALL NOTIFY THE OWNER WHEN THESE FEES APPLY, PRIOR TO THE START OF CONSTRUCTION OF THIS PROJECT CONTRACTOR'S 'REQUEST FOR PAYMENT' SHALL INCLUDE RELEASES OF LIEN FOR AL MATERIAL SUPPLIERS AND SUB-CONTRACTORS' WORK RELATING TO PRIOR REQUES

FOR PAYMENT. ALL 'CHANGE ORDERS' SHALL BE SIGNED BY & APPROVED BY THE ARCHITECT AND/OR

ENGINEER AND OWNER PRIOR TO ORDERING OF MATERIALS OR EXECUTION OF THE WORK

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL PREFABRICATED ITEMS OF THE WORK AS CALLED OUT FOR IN THESE DOCUMENTS OR REQUIRED BY BUILDING DEPARTMENT. THE CONTRACTOR SHALL OBTAIN THE ARCHITECT'S WRITTEN APPROVAL OF SHOP DRAWINGS PRIOR TO FABRICATION. SAMPLES AND COLOR AND FINISH CHARTS SHALL BE SUBMITTED UPON REQUEST FOR SELECTION BY THE ARCHITECT.

ALL REQUIRED TESTS SHALL BE PERFORMED BY AN APPROVED TESTING LABORATORY AT THE CONTRACTOR'S EXPENSE. TEST RESULTS SHALL BE SUBMITTED TO THE ARCHITECT, INCLUSIVE OF SOIL & SUBSURFACE INVESTIGATION (BORINGS) & FOUNDATION COMMENDATIONS BY FL. REG. ENGINEER. COST OF REPEAT TEST DUE TO FAILED STATUS SHALL BE BORNE BY THE CONTRACTOR.

CONTRACTOR SHALL CLEAN ALL AREAS OF THE WORK DAILY. ALL TRASH AND DEBRIS SHALL BE REMOVED FROM THE JOB SITE AT THE CONTRACTOR'S EXPENSE ON A WEEKLY

CLOSE OUT DOCUMENTS: CONTRACTOR SHALL PROVIDE OWNER W/A 3 RING BINDER LEARLY MARKED "EQUIPMENT WARRANTY & REPAIR MANUAL" AT THE END OF CONSTRUCTION. SECTION 00700

GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION HE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION", A.I.A. DOCUMENT A201, (LATEST FDITION) AS PUBLISHED BY THE AMERICAN INSTITUTE OF ARCHITECTS, IS HEREBY MADE A PART OF THESE SPECIFICATIONS TO THE SAME EXTENT AS IF BOUND IN THEIR ENTIRETY HEREIN. END OF SECTION 00700

SECTION 001010 PROJECT IDENTIFICATION AND DESCRIPTION OF WORK

1.01 PROJECT IDENTIFICATION AND DESCRIPTION OF WORK A. PROJECT IDENTIFICATION: MEDALIST GOLF CLUB HOBE SOUND, (9908 SE COTTAGE LN HOBE SOUND FL B. WORK COVERED BY CONTRACT DOCUMENTS: COMPLETE CONSTRUCTION OF THE PROJECT DEPICTED N THE CONTRACT DOCUMENTS IN ACCORDANCE WITH THE PROVISIONS OF THE CONTRACT DOCUMENTS EXCLUDING ONLY SUCH ITEMS AS SPECIFICALLY INDICATED TO BE EXCLUDED FROM THE CONTRACT AND ESCRIBED AS "BY OTHERS", "N.I.C.", OR "BY OWNER". THE PROJECT IS A COMPLETE NEW BUILDING SHELL WITH ALL SYSTEMS WORKING AND FUNCTIONAL AS SHOWN ON THE PLANS

1.02 LAYOUT THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACCURATELY LAYING OUT THE WORK. CONTRACTOR SHALL VERIFY DIMENSIONS SHOWN ON THE DRAWINGS BEFORE LAYING OUT THE WORK AND REPORT RRORS OR INACCURACIES TO THE ARCHITECT BEFORE COMMENCING WORK.

STANDARDS A. REFERENCES TO CODES. SPECIFICATIONS AND STANDARDS IN THE CONTRACT DOCUMENTS SHALL MEAN THE LATEST EDITION, AMENDMENT, OR REVISION IN EFFECT AS OF THE DATE OF THESE CONTRACT DOCUMENTS B. AS USED IN THE CONTRACT DOCUMENTS, "PROVIDE" MEANS "FURNISH AND INSTALL COMPLETE IN PLACE. C. CONTRACTOR'S DUTIES

1. EXCEPT AS SPECIFICALLY NOTED, PROVIDE AND PAY FOR: A. LABOR, MATERIALS, AND EQUIPMENT

B. TOOLS, CONSTRUCTION EQUIPMENT, AND MACHINERY WATER, HEAT, AND UTILITIES REQUIRED FOR CONSTRUCTION. D. OTHER FACILITIES AND SERVICES NECESSARY FOR PROPER EXECUTION AND COMPLETION

OF WORK 2. PAY LEGALLY REQUIRED SALES, CONSUMER, AND USE TAXES. 3. SECURE AND PAY FOR, AS NECESSARY FOR PROPER EXECUTION AND COMPLETION OF WORK A. PERMITS

B. GOVERNMENT FEES LICENSES 4. COMPLY WITH CODES, ORDINANCES, RULES AND REGULATIONS RELEVANT TO THE WORK 5. PROMPTLY SUBMIT WRITTEN NOTICE TO ARCHITECT OF OBSERVED VARIANCE OF CONTRACT DOCUMENTS FROM LEGAL REQUIREMENTS A. APPROPRIATE MODIFICATIONS TO CONTRACT DOCUMENTS WILL REFLECT NECESSARY CHANGES B. ASSUME RESPONSIBILITY FOR WORK KNOWN TO BE CONTRARY TO SUCH REQUIREMENTS,

WITHOUT NOTICE 6. ENFORCE STRICT DISCIPLINE AND ORDER AMONG EMPLOYEES. DO NOT EMPLOY ANY: A. UNFIT PERSONS **B. PERSONS NOT SKILLED IN ASSIGNED TASK** 

1.04 CONTRACTS AND CONDITIONS OF CONTRACT A. CONTRACT: UNLESS OTHERWISE DIRECTED CONTRACT BETWEEN OWNER AND CONTRACTOR SHALL BE AIA DOCUMENT A101, "FORM OF AGREEMENT BETWEEN OWNER AND CONTRACTOR WHERE THE BASIS OF YMENT IS A STIPULATED SUM B. CONDITIONS OF THE CONTRACT: UNLESS OTHERWISE INDICATED. THE GENERAL CONDITIONS OF THE CONTRACT SHALL BE AIA DOCUMENT A201, "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION", HEREINAFTER REFERRED TO AS THE "DOCUMENT 00700, GENERAL CONDITIONS", NCLUDING ANY AND ALL MODIFICATIONS, REVISIONS, AMENDMENTS THERETO, INCLUDING ANI SUPPLEMENTARY CONDITIONS (DOCUMENT 00800, MODIFICATIONS TO GENERAL CONDITIONS". MADE PART THIS PACKAGE C. CONTRACTOR'S DUTIES

I. DESIGNATE REQUIRED DELIVERY DATE FOR EACH PRODUCT AS REQUIRED FOR COMPLETION OF THE WORK. 2. INSPECT DELIVERED PRODUCTS, REPORT DAMAGED OR DEFECTIVE ITEMS. 3. NPROTECT FROM EXPOSURE TO ELEMENTS, FROM DAMAGE 4. REPAIR OR REPLACE ITEMS DAMAGED AS RESULT OF CONTRACTOR'S OPERATIONS.

CONTRACTOR USE OF PREMISES A CONFINE OPERATIONS AT SITE TO AREAS AFFECTED BY CONTRACT DOCUMENTS.

B. DO NOT UNREASONABLY ENCUMBER SITE WITH MATERIALS OR EQUIPMENT. DO NOT LOAD STRUCTURE WITH WEIGHT THAT WILL ENDANGER STRUCTURE ASSUME FULL RESPONSIBILITY FOR PROTECTION AND SAFEKEEPING OF PRODUCTS STORED

ON PREMISES. END OF SECTION 001010 SECTION 001012 INFORMATION AND PROCEDURES INSTRUCTIONS (RFI) GENERAL

A. THIS SECTION CONTAINS THE PROCEDURES TO BE FOLLOWED BY THE CONTRACTOR UPON DISCOVERY OF A. QUALITY CONTROL OF PRODUCTS AND WORKMANSHIP. ANY APPARENT CONFLICTS, OMISSIONS, OR ERRORS IN THE CONTRACT DOCUMENTS OR UPON HAVING ANY QUESTION CONCERNING INTERPRETATION. PROCEDURES

A. NOTIFICATION BY CONTRACTOR SUBMIT ALL REQUESTS FOR CLARIFICATION OR ADDITIONAL INFORMATION (RFIS) IN WRITING TO HITECT'S OFFICE. THE ARCHITECT'S OFFICE NUMBER RFI'S SEQUENTIALLY

LIMIT EACH RFI TO ONE (1) SUBJECT. END OF SECTION 001012 SECTION 001040 COORDINATION

WORK INCLUDED

A. COORDINATE SCHEDULING, SUBMITTALS AND WORK OF THE VARIOUS TRADES TO ASSURE EFFICIENT AND ORDERLY SEQUENCE OF WORK, WITH PROVISIONS FOR ANY ITEMS TO BE INSTALLED LATER. A. SCHEDULE AND COORDINATE SUBMITTALS

. COORDINATE REQUESTS FOR SUBSTITUTIONS TO ASSURE COMPATIBILITY AND EFFECT ON WORK OF OTHER SECTIONS.

COORDINATION OF SPACE A. COORDINATE USE OF PROJECT SPACE AND SEQUENCE OF INSTALLATION OF WORK WHICH IS INDICATED DIAGRAMMATICALLY ON DRAWINGS. FOLLOW ROUTINGS SHOWN FOR PIPES. DUCTS AND CONDUITS AS LOSELY AS PRACTICABLE, WITH ALLOWANCE FOR AVAILABLE SPACE; MAKE RUNS PARALLEL WITH LINES OF BUILDING UTILIZE SPACE EFFICIENTLY TO MAXIMIZE ACCESSIBILITY OF OTHER TRADES AND MAINTENANCE B. IN FINISHED AREAS EXCEPT AS OTHERWISE SHOWN CONCEAL PIPES, DUCTS AND WIRING IN THE

CONSTRUCTION. COORDINATE LOCATIONS OF FIXTURES AND OUTLETS WITH FINISHED ELEMENTS. COORDINATION OF CONTRACT CLOSEOUT A. COORDINATE COMPLETION AND CLEANUP OF WORK IN PREPARATION FOR SUBSTANTIAL COMPLETION. B. AFTER OWNER'S OCCUPANCY OF PREMISES, COORDINATE ACCESS TO SITE FOR CORRECTION OF

DEFECTIVE WORK AND WORK NOT IN ACCORDANCE WITH CONTRACT DOCUMENTS, TO MINIMIZE DISRUPTION OF OWNER'S ACTIVITIES. C. ASSEMBLE AND COORDINATE CLOSEOUT SUBMITTALS. END OF SECTION 001040

SECTION 01045 CUTTING AND PATCHING

SCOPE OF WORK A. EXECUTE CUTTING, FITTING AND PATCHING INCLUDING EXCAVATION AND FILL, TO COMPLETE WORK FIT THE SEVERAL PARTS TOGETHER, TO INTEGRATE WITH OTHER WORK.
 UNCOVER WORK TO INSTALL ILL-TIMED WORK. . REMOVE AND REPLACE DEFECTIVE AND NON-CONFORMING WORK

4. REMOVE SAMPLES OF INSTALLED WORK FOR TESTING 5. PROVIDE OPENINGS IN ELEMENTS OF WORK FOR PENETRATIONS OF MECHANICAL AND ELECTRICAL WORK INSPECTION

A. INSPECT EXISTING CONDITIONS, INCLUDING ELEMENTS SUBJECT TO DAMAGE DURING CUTTING AND

PREPARATION A. PROVIDE SUPPORTS AND OTHER DEVICES TO PROTECT OTHER PORTIONS OF THE PROJECT FROM B. PROVIDE PROTECTION FROM ELEMENTS FOR AREAS WHICH MAY BE EXPOSED BY UNCOVERING WORK

PERFORMANCE A. EXECUTE WORK BY METHODS TO AVOID DAMAGE TO OTHER WORK B.EMPLOY ORIGINAL INSTALLER TO PERFORM CUTTING AND PATCHING FOR WEATHER-EXPOSED, MOISTURE-

RESISTANT ELEMENTS AND EXPOSED SURFACES. . RESTORE WORK WITH NEW PRODUCTS IN ACCORDANCE WITH REQUIREMENTS OF CONTRACT DOCUMENTS. D. AT PENETRATIONS OF FIRE-RATED WALL, CEILING, OR FLOOR CONSTRUCTION, COMPLETELY SEAL VOIDS WITH FIRE-RATED MATERIAL, FULL THICKNESS OF THE ORIGINAL ELEMENT.

E. REFINISH SURFACES TO MATCH ADJACENT FINISHES TO THE SATISFACTION OF THE ARCHITECT END OF SECTION 01045 SECTION 01153 CHANGE ORDER PROCEDURES

A WORK INCLUDED. MAKE SUCH CHANGES IN THE WORK, IN THE CONTRACT SUM, IN THE CONTRACT TIME OF COMPLETION, OR ANY COMBINATION THEREOF, AS ARE DESCRIBED IN WRITTEN CHANGE ORDERS SIGNED BY THE OWNER AND THE ARCHITECT AND ISSUED AFTER EXECUTION OF THE CONTRACT, IN ACCORDANCE WITH THE PROVISION OF THIS SECTION. CHANGES TO THE WORK

A. CHANGES IN THE WORK, REGARDLESS OF THE AMOUNTS MUST BE DOCUMENTED BY CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE (CCD) CHANGES TO WORK MAY OR MAY NOT INVOLVE CHANGES IN CONTACT SCOPE AND/ OR SCHEDULE CHANGES THAT EFFECT THE WORK SCOPE, COST AND/ OR PROJECT SCHEDULE SHALL BE DIRECTED TO HE CONTRACTOR IN THE FORM OF A 1. CONSTRUCTION CHANGE DIRECTIVE (CCD)

CONSTRUCTION CHANGE DIRECTIVE (CCD)

A. CONSTRUCTION CHANGE DIRECTIVE WILL BE PREPARED BY THE ARCHITECT. B. A CONSTRUCTION CHANGE DIRECTIVE AND CHANGE ORDER DIRECTS THE CONTRACTOR TO PROCEED WITH WORK IF THERE IS NO COST OR SCHEDULE CHANGE AS A RESULT OF THE CHANGE IN THE WORK. IF COST OR SCHEDULE CHANGES ARE ANTICIPATED THE CONTRACTOR SHALL PREPARE A PROPOSAL FOR THE ADDITIONAL WORK CLEARLY INDICATING COST AND SCHEDULE CHANGES WITH ADEQUATE BACK UP DOCUMENTATION FOR OWNER OR ARCHITECT TO EVALUATE THE COST AND SCHEDULE IMPACT.

C. CHANGE ORDERS WILL BE PREPARED BY THE CONTRACTOR AT THE DIRECTION OF ARCHITECT. SPECIFIC CHANGES THAT ARE TO BE INCORPORATED INTO EACH CHANGE ORDER WILL BE AGREED UPON BY THE ARCHITECT, OWNER AND THE CONTRACTOR PRIOR TO ISSUING. D. CONTRACTOR WILL IDENTIFY ALL CHANGE ORDERS AS SEPARATE LINE ITEMS ON THE SCHEDULE OF

VALUES OF THE CONTRACTOR PAYMENT APPLICATION.

CHANGES INITIATED BY THE OWNER A. IF THE CONTRACTOR HAS BEEN DIRECTED BY THE ARCHITECT TO ADVISE HIM AS TO THE CREDIT COST OF A PROPOSED CHANGE THE CONTRACTOR SHALL: ANALYZE THE DESCRIBED CHANGE AND ITS IMPACT ON COST AND TIME SECURE THE REQUIRED INFORMATION AND FORWARD IT TO THE ARCHITECT FOR REVIEW MEET WITH ARCHITECT AS REQUIRED TO EXPLAIN THE COSTS AND OFFER ALTERNATIVES ALERT SUBCONTRACTORS AS TO THE IMPENDING CHANGE AND TO THE MAXIMUM EXTENT

POSSIBLE, AVOID SUCH WORK AS WOULD INCREASE THE OWNER'S COST FOR MAKING THE CHANGE, ADVISING THE ARCHITECT IN WRITING WHEN SUCH AVOIDANCE IS NO LONGER PRACTICAL B. IF THE CONTRACTOR HAS BEEN DIRECTED BY THE ARCHITECT TO MAKE THE DESCRIBED CHANGE IN THE WORK AT NO CHANGE IN CONTRACT SUM AND NO CHANGE IN CONTRACT TIME COMPLETION. BUT THE CONTRACTOR WISHES TO MAKE CLAIM FOR ONE OR BOTH OF SUCH CHANGES, THE CONTRACTOR SHALL

NOTIFY THE ARCHITECT IN WRITING C. IF THE CONTRACTOR HAS BEEN DIRECTED BY THE ARCHITECT TO MAKE THE DESCRIBED CHANGE SUBJECT TO LATER DETERMINATION OF COST OR CREDIT. THE CONTRACTOR SHALL CONSULT WITH THE ARCHITECT, CONSTRUCTION MANAGER AND OWNER AND REACH AGREEMENT ON THE MOST APPROPRIATE METHOD FOR DETERMINING CREDIT OR COST FOR THE CHANGE

CHANGES INITIATED BY THE CONTRACTOR A. SHOULD THE CONTRACTOR DISCOVER A DISCREPANCY AMONG THE CONTRACTOR DOCUMENTS, A CONCEALED CONDITION, OR OTHER CAUSE FOR A CHANGE IN THE WORK, CONTRACT SUM, OR CONTRAC IME OF COMPLETION, HE SHALL NOTIFY THE ARCHITECT IMMEDIATELY IN WRITING, BEFORE COMMENCING B. THE CONTRACTOR WILL ISSUE A REQUEST FOR INFORMATION (RFI) TO COMMUNICATE ALL CONTRACTOR OR SUBCONTRACTOR QUESTIONS. NEED FOR INFORMATION OR CLARIFICATION C. CONTRACTOR WILL NOTIFY THE ARCHITECT OF COST AND/ OR SCHEDULE IMPACTS WHEN ISSUING THE

D. ON AGREEMENT THAT THERE IS REASONABLE CAUSE FOR THE PROPOSED CHANGE, ARCHITECT WILL ISSUE A CCD OR ASI. 1.06 PROCESSING

A. MAKE WRITTEN REPLY TO THE ARCHITECT IN RESPONSE TO EACH CHANGE ORDER PROPOSAL. STATE PROPOSED CHANGE IN THE CONTRACT SUM, IF ANY. STATE PROPOSED CHANGE IN THE CONTRACT TIME OF COMPLETION, IF ANY CLEARLY DESCRIBE OTHER CHANGES IN THE WORK REQUIRED BY THE PROPOSED CHANGE, OR

DESIRABLE THEREWITH, IF ANY INCLUDE FULL BACKUP DATA SUCH AS SUBCONTRACTOR'S LETTER OF PROPOSAL OR SIMILAR INFORMATION. B. WHEN COST OR CREDIT FOR THE CHANGE HAS BEEN AGREED UPON BY THE OWNER AND THE CONTRACTOR, OR THE OWNER HAS DIRECTED THAT COST OR CREDIT BE DETERMINED IN ACCORDANCE

WITH PROVISION OF CONSTRUCTION CONTRACT GENERAL CONDITIONS, THE ARCHITECT OR GENERAL CONTRACTOR MAY ISSUE THE CHANGE ORDER. C. CHANGE ORDERS WILL BE DATED AND WILL BE NUMBERED IN SEQUENCE. END OF SECTION 01153

SECTION 01200 PROJECT MEETINGS 1.01 MEETINGS

A CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION MEETING WITHIN 7 DAYS OF NOTICE TO PROCEED, AND SHALL CONDUCT PROGRESS MEETINGS AS NEEDED THROUGHOUT THE PROGRESS OF THE WORK, TO WHICH THE ARCHITECT AND OWNER SHALL BE INVITED. B. CONTRACTOR SHALL 1. MAKE PHYSICAL ARRANGEMENTS FOR MEETINGS. MEETINGS SHALL BE IN SUITABLE SPACE

AT THE PROJECT SITE 2 RECORD MINUTES: INCLUDE ALL SIGNIFICANT PROCEEDINGS AND DECISIONS 3. REPRODUCE AND DISTRIBUTE COPIES OF MINUTES WITHIN THREE DAYS AFTER EACH

A. TO ALL PARTICIPANTS IN MEETING AND TO ALL PARTIES AFFECTED BY DECISIONS MADE AT MEETING. B. CONTRACTOR WILL SET SCOPE AND ORDER OF AGENDA AND WILL PRESIDE AT MEETINGS. END OF SECTION 01200 SECTION 01300 SUBMITTALS

A. THIS SECTION SPECIFIES ADMINISTRATIVE AND PROCEDURAL REQUIREMENTS FOR SUBMITTALS INCLUDING: 1 SHOP DRAWINGS

2. PRODUCT DATA. 3 SAMPLES

3. ADMINISTRATIVE SUBMITTALS: REFER TO REQUIREMENTS SPECIFIED IN OTHER DIVISION 1 FOR 1 PERMITS 2. APPLICATIONS FOR PAYMEN B. PERFORMANCE AND PAYMENT BONDS (WHERE REQUIRED).

4. INSURANCE CERTIFICATES. SUBMITTAL PROCEDURES

A. COORDINATE TIMING OF SUBMITTALS WITH CONSTRUCTION ACTIVITIES. TRANSMIT SUBMITTALS WELL IN ADVANCE OF PERFORMANCE OF WORK TO AVOID DELAYS. COORDINATE SUBMITTALS OF RELATED ELEMENTS OF WORK. 1. ARCHITECT MAY REJECT, OR WITHHOLD ACTION ON SUBMITTALS REQUIRING COORDINATION WITH OTHER SUBMITTALS UNTIL RELATED SUBMITTALS ARE RECEIVED. 2. ALL REQUIRED FIELD VERIFICATION AND COORDINATION SHALL BE COMPLETED PRIOR TO FRANSMITTING SUBMITTALS TO ARCHITECT B. PROCESSING OF SUBMITTALS: ALLOW SUFFICIENT REVIEW TIME TO ENSURE INSTALLATION WILL NOT BE DELAYED.

1. REVIEW BY ARCHITECT'S OFFICE ONLY: ALLOW TEN BUSINESS DAYS FOR REVIEW AND PROCESSING 2. REPROCESSING OF SUBMITTALS: FOR SUBMITTALS NOT APPROVED INITIALLY, ALLOW TEN BUSINESS DAYS FOR REVIEW AND REPROCESSING OF SUBMITTALS BY ARCHITECT, AND AN ADDITIONAL FIVE BUSINESS DAYS FOR REVIEW BY EACH CONSULTANT. 3. NO EXTENSION OF CONTRACT TIME WILL BE AUTHORIZED DUE TO FAILURE TO TRANSMIT ITTALS SUFFICIENTLY IN ADVANCE OF SCHEDULED PERFORMANCE OF WORK PREPARATION OF SUBMITTALS: PLACE TITLE BLOCK ON EACH SUBMITTAL, INDICATE PROJECT NAME. G.C. SUBMITTAL NUMBER, SPECIFICATION SECTION, DATE OF SUBMITTAL, NAME AND ADDRESS OF RCHITECT, NAME AND ADDRESS OF CONTRACTOR, NAME AND ADDRESS OF SUBCONTRACTOR AND/OR SUPPLIER, NAME OF MANUFACTURER, DRAWING NUMBER AND DETAIL REFERENCE. 1. CONTRACTOR'S REVIEW AND ACTION STAMP AND SIGN EACH SUBMITTAL TO SHOW GENERAL CONTRACTOR'S REVIEW AND APPROVAL PRIOR TO TRANSMITTAL TO ARCHITECT. SUBMITTALS

NOT SIGNED AND STAMPED BY CONTRACTOR WILL BE RETURNED WITHOUT ACTION 2. CUSTOMIZE SUBMITTALS AS REQUIRED TO SHOW INTERFACE WITH ADJACENT WORK 3. SOURCE: SUBMITTALS RECEIVED FROM SOURCES OTHER THAN CONTRACTOR WILL BE RETURNED WITHOUT ACTION. 4 DEVIATIONS FROM CONTRACT DOCUMENTS: WHEN PRODUCTS MATERIALS OR SYSTEMS SUBMITTED DEVIATE FROM CONTRACT DOCUMENTS, RECORD DEVIATIONS CLEARLY ON TRANSMITTAL

D. AFTER ARCHITECT REVIEWS SUBMITTAL, REVISE AND RESUBMIT AS REQUIRED. IDENTIFY CHANGES MADE SINCE PREVIOUS SUBMITTAL. E. DISTRIBUTE COPIES OF REVIEWED SUBMITTALS TO CONCERNED PERSONS. INSTRUCT RECIPIENTS TO PROMPTLY REPORT INABILITY TO COMPLY WITH PROVISIONS END OF SECTION 010300

ACCESS ROUTES

SUBSEQUENT OPERATIONS.

HEAVY OBJECTS.

SPECIFIED. SUBSTITUTION.

ECIFIED

## SECTION 01405 CONTRACT QUALITY CONTROL

REQUIREMENT INCLUDED

B. MANUFACTURER'S INSTRUCTIONS. . MANUFACTURER'S CERTIFICATES AND FIELD SERVICES.

D. EQUIPMENT OPERATIONS

## 1.03 WORKMANSHIP

DOCUMENTS.

LIMITED TO

A. COMPLY WITH INDUSTRY STANDARDS OF THE REGION EXCEPT WHEN MORE RESTRICTIVE TOLERANCES ARE SPECIFIED B. PROVIDE QUALIFIED PERSONNEL TO PRODUCE WORK OF SPECIFIED QUALITY

MANUFACTURER'S INSTRUCTIONS A. COMPLY WITH INSTRUCTIONS IN FULL DETAIL, INCLUDING EACH STEP IN SEQUENCE. B. IF INSTRUCTIONS CONFLICT WITH CONTRACT DOCUMENTS, REQUEST WRITTEN CLARIFICATION FROM

ARCHITECT BEFORE PROCEEDING 
 1.05
 MANUFACTURER'S CERTIFICATES

 A. WHEN REQUIRED IN SPECIFICATIONS, SUBMIT MANUFACTURER'S CERTIFICATE CERTIFYING THAT

## PRODUCTS MEET OR EXCEED SPECIFIED REQUIREMENTS.

MANUFACTURER'S FIELD SERVICES A. WHEN REQUIRED IN INDIVIDUAL SPECIFICATION SECTION, HAVE MANUFACTURE PROVIDE QUALIFIED REPRESENTATIVE TO OBSERVE FIELD CONDITIONS, CONDITIONS OF SURFACES AND INSTALLATION, QUALITY OF WORKMANSHIP, START-UP OF EQUIPMENT TEST, ADJUST, AND BALANCE OF EQUIPMENT AND TO MAKE WRITTEN REPORT OF OBSERVATIONS AND RECOMMENDATIONS TO ARCHITECT.

#### END OF SECTION 01405 SECTION 01500 CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

SUMMAR A. THIS SECTION SPECIFIES CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS, INCLUDING BUT NOT

#### I. TEMPORARY UTILITIES 2. TEMPORARY CONSTRUCTION AND SUPPORT FACILITIES.

3. TEMPORARY SIGNAGE 4. SECURITY AND PROTECTION FACILITIES B. CONTRACTOR SHALL PAY FOR ALL COSTS RELATED TO TEMPORARY FACILITIES AND UTILITY SERVICE INCLUDING BUT NOT LIMITED TO TEMPORARY HEAT, WATER AND POWER. COMPLY WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION, CODES, UTILITY COMPANIES, OSHA,

## AND INDUSTRY STANDARDS INCLUDING, BUT NOT LIMITED TO: 2. ANSI D. ELECTRIC SERVICE: COMPLY WITH NEMA, NECA, AND UL STANDARDS AND REGULATIONS FOR TEMPORARY

ELECTRIC SERVICE. INSTALL SERVICE IN COMPLIANCE WITH NEPA 70. E. INSPECTIONS: ARRANGE FOR AUTHORITIES HAVING JURISDICTION TO INSPECT AND TEST TEMPORARY UTILITIES PRIOR TO USE. OBTAIN REQUIRED CERTIFICATIONS AND PERMITS 1 STORAGE PROVIDE SECURE LOCKED FACILITIES FOR AREAS WHERE MATERIALS AND FOUIPMENT ARE

MATERIALS, GENERAL A. MATERIALS MAY BE NEW OR USED, BUT MUST BE ADEQUATE IN CAPACITY, MUST NOT CREATE UNSAFE CONDITIONS AND MUST NOT VIOLATE REQUIREMENTS OF APPLICABLE CODES AND STANDARDS.

#### **TEMPORARY UTILITIES** A TEMPORARY ELECTRIC POWER AND LIGHT I. PROVIDE CIRCUIT AND BRANCH WIRING, WITH AREA DISTRIBUTION BOXES LOCATED SO POWEF AND LIGHTING IS AVAILABLE THROUGHOUT CONSTRUCTION BY USE OF CONSTRUCTION-TYPE POWER CORDS.

2. PROVIDE ADEQUATE ARTIFICIAL LIGHTING WHERE NATURAL LIGHT IS NOT ADEQUATE. 3. WORK SHALL MEET APPLICABLE REQUIREMENTS OF NFPA 70 AND DIVISION 16 - ELECTRICAL EMPORARY CONSTRUCTION AND SUPPORT FACILITIES

#### **1 SANITARY FACILITIES** 2.CONSTRUCTION AIDS. 3 WASTE DISPOSAL

4.WATER CONTROL 5. POLLUTION AND DUST CONTROL B. WASTE DISPOSAL: PREVENT ACCUMULATION OF DEBRIS AT CONSTRUCTION SITE.

#### C. POLLUTION CONTROL: PROVIDE METHODS, MEANS, AND FACILITIES REQUIRED TO PREVENT CONTAMINATION OF SOIL, WATER, OR ATMOSPHERE BY THE DISCHARGE OF NOXIOUS SUBSTANCES FROM CONSTRUCTION OPERATIONS. PERFORM EMERGENCY MEASURES REQUIRED TO CONTAIN ANY SPILLAGE AND REMOVE CONTAMINATED SOILS OR LIQUIDS.

SECURITY AND PROTECTION FACILITIES A. SCOPE: SECURITY AND PROTECTION FACILITIES INCLUDES, BUT IS NOT LIMITED TO: 1.TEMPORARY FIRE PROTECTION.

## 2.BARRICADES, WARNING SIGNS, LIGHTS.

**3.SECURITY PROCEDURES** 4.LOCATE TEMPORARY PORTABLE FIRE EXTINGUISHERS IN CONVENIENT LOCATIONS, NOT LESS THAN ONE PER FLOOR 5 STORE COMBUSTIBLE MATERIALS IN CONTAINERS IN FIRE-SAFE LOCATIONS 6.MAINTAIN UNOBSTRUCTED ACCESS TO FIRE EXTINGUISHERS, FIRE HYDRANTS, STAIRWAYS, AND B.BARRICADES, WARNING SIGNS, AND LIGHTS: PROVIDE BARRICADES, WARNING SIGNS, WARNING LIGHTS AND RAILINGS WITH APPROPRIATE COLORS AND GRAPHICS TO INFORM PUBLIC AND JOB-SITE PERSONNEL OF C.SECURITY PROCEDURES: SECURE PROJECT AGAINST UNAUTHORIZED ENTRY AT ALL TIMES 1.STORAGE: PROVIDE SECURE, LOCKED FACILITIES FOR AREAS WHERE MATERIALS AND FOUIPMENT ARE STORED.

## SECTION 01535 PROTECTION OF WORK AND PROPERTY

REQUIREMENT INCLUDED A. PROTECTION OF PRODUCTS AFTER INSTALLATION

## B. PROTECTION OF EXISTING PROPERTY.

PROTECTION AFTER INSTALLATION A. PROTECT INSTALLED PRODUCTS AND CONTROL TRAFFIC IN IMMEDIATE AREA TO PREVENT DAMAGE FROM B. PROVIDE PROTECTIVE COVERINGS AT WALLS, PROJECTIONS, CORNERS AND JAMBS, SILLS AND SOFFITS C. COVER WALLS AND FLOORS OF ELEVATOR CABS AND JAMBS OF CAB DOORS WITH 3/4 INCH PLYWOOD,

#### WHEN ELEVATORS ARE LISED BY CONSTRUCTION PERSONNI D. PROTECT FINISHED FLOORS AND STAIRS FROM DIRT, WEAR, AND DAMAGE 1. SECURE HEAVY SHEET GOODS OR SIMILAR PROTECTIVE MATERIALS IN PLACE, IN AREAS

END OF SECTION 01500

SUBJECT TO FOOT TRAFFIC 2. LAY PLANKING OR SIMILAR RIGID MATERIALS IN PLACE, IN AREAS SUBJECT TO MOVEMENT OF 3. LAY PLANKING OR SIMILAR RIGID MATERIALS IN PLACE, IN AREAS WHERE STORAGE OF PRODUCTS WILL OCCUR. E. PROTECT WATERPROOFED AND ROOFED SURFACES

#### 1. RESTRICT USE OF SURFACES FROM TRAFFIC OF ANY KIND AND FROM STORAGE OF PRODUCTS. 2. WHEN AN ACTIVITY IS MANDATORY, OBTAIN RECOMMENDATIONS FOR PROTECTION OF SURFACES FROM INSTALLER. INSTALL PROTECTION AND REMOVE ON COMPLETION OF ACTIVITY. RESTRICT AND FURRING. ISE OF ADJACENT UNPROTECTED AREAS . MECHANICAL, PLUMBING, EQUIPMENT, HVAC SYSTEMS, DUCTWORK, AND OTHER "MEP" RELATED SYSTEMS SHALL BE PROTECTED DURING AND FOLLOWING THE COURSE OF CONSTRUCTION TO PREVENT DIRT, DUST, WATER OR OTHER CONTAINMENTS FROM ENTERING. INCOMPLETE PLUMBING, FLOOR DRAINS, ALL PIPING, ALL DUCTWORK AND OTHER SYSTEMS SHALL BE CAPPED AT CLOSE OF EACH DAY TO PREVENT ANY INTRUSION OR BLOCKAGE FROM OCCURRING. ALL EQUIPMENT WILL BE PROPERLY PROTECTED AT ALL TIME

WHEN WORK IS BEING PERFORMED IN THE IMMEDIATE AREA OR ABOVE. PROPER WARNING SIGNAGE, RRIERS AND BARRIER TAPE WILL BE UTILIZED AS REQUIRED. PROTECTION AND RESTORATION OF PROPERTY AND LANDSCAPE A. WHEN OR WHERE ANY DIRECT OR INDIRECT DAMAGE OR INJURY IS DONE TO PUBLIC OR PRIVATE

PROPERTY BY OR ON ACCOUNT OF ANY ACT. OMISSION. NEGLECT, OR MISCONDUCT IN THE EXECUTION OF THE WORK, OR IN CONSEQUENCE OF THE NON EXECUTION THEREOF BY THE CONTRACTOR, THE CONTRACTOR SHALL RESTORE, AT ITS OWN EXPENSE, SUCH PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE OR INJURY WAS DONE, BY REPAIRING, OR OTHERWISE RESTORING AS MAY BE DIRECTED, OR IT SHALL MAKE GOOD SUCH DAMAGE OR INJURY IN AN ACCEPTABLE

#### MANNER, AT NO ADDITIONAL COST TO THE OWNER. END OF SECTION 01535 SECTION 01569 CONSTRUCTION CLEANING

A. MAINTAIN AREAS UNDER CONTRACTOR'S CONTROL FREE OF WASTE, SCRAPS, SURPLUS MATERIAL AND B. REMOVE DEBRIS AND RUBBISH FROM PIPE CHASES, PLENUMS, ATTICS, CRAWL SPACES, AND OTHER OSED OR REMOTE SPACES, PRIOR TO CLOSING THE SPACE.

#### CLEAN INTERIOR AREAS DAILY D. ALL COMBUSTIBLE WASTE MATERIALS SHALL BE REMOVED FROM BUILDINGS AT THE END OF EACH

ORKING DAY E. BROOM CLEAN INTERIOR AREAS PRIOR TO START OF SURFACE FINISHING F. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION CLEANING

#### CONTRACTOR'S FAILURE TO CLEAN A. IF THE CONTRACTOR FAILS TO MAINTAIN LEVELS OF CLEANLINESS IN WORK AREAS, SATISFACTORY TO THE ARCHITECT, THEN THE OWNER SHALL HAVE THE RIGHT TO CAUSE SUCH AREAS TO BE CLEANED BY

OTHERS AND THE COSTS FOR SUCH CLEANING SHALL BE THE OBLIGATION OF THE CONTRACTOR AND SHALL BE DEDUCTED FROM ANY MONEY DUE THE CONTRACTOR. END OF SECTION 01569

#### SECTION 01600 MATERIALS AND EQUIPMENT MATERIAL AND EQUIPMENT INCORPORATED INTO THE WORK

A. DO NOT USE MATERIAL OR EQUIPMENT FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS DESIGNED PART 2 -- REUSE OF EXISTING MATERIAL

#### 2.01 EXCEPT AS SPECIFICALLY INDICATED OR SPECIFIED, MATERIALS AND EQUIPMENT REMOVED FROM EXISTING STRUCTURE SHALL NOT BE USED IN COMPLETED WORK. 2.02FOR MATERIAL AND EQUIPMENT SPECIFICALLY INDICATED OR SPECIFIED TO BE REUSED IN THE WORK:

A. USE SPECIAL CARE IN REMOVAL, HANDLING, STORAGE AND INSTALLATION, TO ASSURE PROPER FUNCTION PART 3 -- MANUFACTURER'S INSTRUCTIONS 1 INSTALL, HANDLE, CLEAN AND ADJUST PRODUCTS IN STRICT ACCORD WITH MANUFACTURERS INSTRUCTIONS AND SPECIFIED REQUIREMENTS.

#### A. SHOULD JOB CONDITIONS OR SPECIFIED REQUIREMENTS CONFLICT WITH MANUFACTURER'S INSTRUCTIONS, CONSULT WITH ARCHITECT FOR CLARIFICATION.

PART 4 -- STORAGE AND PROTECTION 4.01 STORE PRODUCTS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, WITH SEALS AND LABELS INTACT AND LEGIBLE. A MAINTAIN TEMPERATURE AND HUMIDITY WITHIN RANGES REQUIRED BY MANUFACTURER'S INSTRUCTIONS B. STORE FABRICATED PRODUCTS ON BLOCKING OR SKIDS IN SUCH A MANNER AND LOCATION THAT SPENDED FLOORS ARE NOT OVERLOADED BEYOND SAFE LIVE LOADS. PROTECT EXISTING FLOOR FINISH FROM DAMAGE, SOILING AND STAINING BY INCLUDING BUT NOT LIMITED TO A LAYER OF AT LEAST 6 MIL POLYETHYLENE COVERED BY PLYWOOD

## REPAIR OR REPLACE FINISHES DAMAGED BY STORAGE OF MATERIALS OR CONSTRUCTION WORK. CONTRACTOR'S SELECTION A. FOR A PRODUCT SPECIFIED ONLY BY DESCRIPTION, PROVIDE PRODUCT CONFORMING TO THAT SPECIFIED DESCRIPTION, SUITABLE FOR USE SHOWN ON DRAWINGS.

B. FOR A PRODUCT SPECIFIED ONLY BY REFERENCE STANDARD. PROVIDE PRODUCT CONFORMING TO THAT EFERENCE STANDARD, SUITABLE FOR USE SHOWN ON DRAWINGS. C. OR A PRODUCT SPECIFIED BY ONE OR MORE NAMES AND "OR EQUIVALENT" OR "OR EQUAL", CONTRACTOR SHALL EITHER PROVIDE ONE OF THE NAMED PRODUCTS OR CONTRACTOR SHALL SUBMIT A REQUEST FOR STITUTION FOR ANY PRODUCT NOT NAMED WHICH CONTRACTOR JUDGES TO BE OF EQUAL OR HIGHER D. OR A PRODUCT SPECIFIED BY NAME AND "NO SUBSTITUTION", CONTRACTOR SHALL PROVIDE PRODUCT

## SUBSTITUTION REQUESTS

A. RCHITECT OR ENGINEERS AS APPROPRIATE SHALL BE JUDGE OF ACCEPTABILITY OF PROPOSED CONTRACTOR'S REPRESENTATION: A REQUEST FOR A SUBSTITUTION CONSTITUTES A

#### REPRESENTATION THAT CONTRACTOR A. AS INVESTIGATED PROPOSED PRODUCT AND DETERMINED THAT IT IS EQUIVALENT TO OR SUPERIOR IN

ALLRESPECTS TO THAT SPECIFIED 3. ILL PROVIDE SAME GUARANTIES, WARRANTIES OR BONDS FOR SUBSTITUTION AS FOR PRODUCT C. ILL COORDINATE INSTALLATION OF AN ACCEPTED SUBSTITUTION INTO THE WORK, AND MAKE SUCH OTHER CHANGES AS MAY BE REQUIRED TO MAKE THE WORK COMPLETE IN ALL RESPECTS D. AIVES ALL CLAIMS FOR ADDITIONAL COSTS, UNDER CONTRACTOR'S RESPONSIBILITY, WHICH

MAYSUBSEQUENTLY BECOME APPARENT. END OF SECTION 01600 SECTION 01701 CONTRACT CLOSEOUT PROCEDURES REQUIREMENT INCLUDED

A. ADMINISTRATIVE PROVISIONS FOR SUBSTANTIAL COMPLETION AND FOR FINAL ACCEPTANCE. CLOSEOUT SUBMITTALS A. PROVIDE EVIDENCE OF COMPLIANCE WITH REQUIREMENTS OF GOVERNING AUTHORITIES

#### 1.CERTIFICATE OF OCCUPANCY AT SUBSTANTIAL COMPLETION. 2.CERTIFICATES OF INSPECTION REQUIRED FOR STRUCTURAL, MECHANICAL, AND ELECTRICAL STEMS REQUIRED AT SUBSTANTIAL COMPLETION.

B. PROJECT RECORD DOCUMENTS WARRANTIES AND GUARANTEE 1.MANUFACTURERS STANDARD WARRANTIES SHALL BE PROVIDED FOR ALL PRODUCTS WHETHER | FIRE RETARDANT TREATMENT WHICH YIELDS A FLAME SPREAD RATING OF NOT MORE THAN 25 WHEN OR NOT SPECIFIED. D. KEYS AND KEYING SCHEDULE: UNDER PROVISIONS OF TECHNICAL SPECIFICATIONS SECTION FOR FINISH CONTENT OF 19%. RDWARE BY SUBSTANTIAL COMPLETION. E. EVIDENCE OF PAYMENT AND RELEASE OF CLAIMS: IN ACCORDANCE WITH THE GENERAL CONDITIONS AND 2.02

#### UBCONTRACTOR'S AFFIDAVIT(S) OF SATISFACTION AND/OR CONSENT OF SURETY TO FINAL PAYMENT. APPLICATION FOR FINAL PAYMENT CERTIFICATE A. SUBMIT APPLICATION FOR FINAL PAYMENT CERTIFICATE IN ACCORDANCE WITH PROVISIONS OF GENERAL B. COMPLY WITH USDC PS 1 AND APA REF. 1 AS APPLICABLE. FACTORY MARK EACH PANEL WITH APA

CONDITIONS. END OF SECTION 01701 SECTION 01710 FINAL CLEANING

A EXECUTE CLEANING PRIOR TO INSPECTION FOR OCCUPANCY OR SUBSTANTIAL COMPLETION. PRODUCTS

#### A. USE PRODUCTS WHICH WILL NOT CREATE HAZARDS TO HEALTH OR PROPERTY AND WHICH WILL NOT DAMAGE SURFACES.

B. USE ONLY MATERIAL AND METHODS RECOMMENDED BY MANUFACTURER OF MATERIAL BEING CLEANED. CLEANING

#### UPON COMPLETION OF THE WORK AND BEFORE ACCEPTANCE AND FINAL PAYMENT IS MADE, REMOVE FROM THE SITE ALL TOOLS MACHINERY, EQUIPMENT, SURPLUS AND DISCARDED MATERIALS, RUBBISH, EMPORARY STRUCTURES, ETC. REPAIR OR REPLACE, IN AN ACCEPTABLE MANNER, PRIVATE OR PUBLIC PROPERTY WHICH MAY HAVE BEEN DAMAGED OR DESTROYED DUE TO THE CONTRACTOR'S OPERATIONS D LEAVE THE SITE IN A CLEAN AND ORDERLY CONDITION. MATERIAL CLEARED FROM THE SITE AND

## DEPOSITED ON ADJACENT PROPERTY WILL NOT BE CONSIDERED AS HAVING BEEN DISPOSED OF

#### B. ALL AREAS WITHIN AND CONTIGUOUS TO THE WORK UNDER THE CONTRACT, INCLUDING ALL EXTERIOF AND INTERIOR SURFACES AND ITEMS WHERE WORK HAS BEEN PERFORMED, AS WELL AS ALL AREAS AVING BEEN USED FOR INGRESS AND EGRESS OF MATERIALS AND PERSONNEL OR STORAGE OF MATERIALS, SHALL BE TURNED OVER IN A NEAT AND "POLISHED" HOME-CLEAN CONDITION. "BROOM-CLEAN," AS USED IN THE CONSTRUCTION INDUSTRY, WILL NOT SUFFICE.

#### ALL ROOF AREAS WHERE WORK IS PERFORMED SHALL BE CLEANED OF ALL DEBRIS AND EXCESS MATERIALS. PARTICULAR ATTENTION SHALL BE GIVEN TO GUTTERS. DOWNSPOUTS. LEADER HEADS. AND PPERS TO ASSURE THERE IS NO BLOCKAGE OF ANY KIND. ROOF AREAS SHALL BE INSPECTED TO ENSURE THAT NO DAMAGE TO ROOF MEMBRANES HAS OCCURRED. ANY DAMAGE DISCOVERED CAUSED 3Y THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED BY A LICENSED ROOFER AT NO ADDITIONAL

D. ALL GLASS SHALL BE THOROUGHLY CLEANED AND ON BOTH SIDES.

E POWER-SCRUB AND DETERGENT CLEAN ALL CERAMIC THE FLOORS. WASH ALL CERAMIC THE WALLS /ITH DETERGENT AND CLEAN ALL WALL SURFACES. ALL PLASTIC LAMINATE AND HARDWARE SURFACES SHALL BE CLEANED AND POLISHED. END OF SECTION 01710

## SECTION 01720 PROJECT RECORD DOCUMENTS

REQUIREMENTS INCLUDED A. MAINTENANCE OF RECORD DOCUMENTS AND SAMPLES B. SUBMITTAL OF RECORD DOCUMENTS

## MAINTENANCE OF DOCUMENTS AND SAMPLES

A. MAINTAIN RECORD DOCUMENTS IN CLEAN, DRY, AND LEGIBLE CONDITIONS. DO NOT USE RECORD DOCUMENTS FOR CONSTRUCTION PURPOSES. RECORD DOCUMENT AND "AS BUILT" RECORDS SHALL BE MAINTAINED CURRENT AT ALL TIMES. 3. CONTRACT DRAWINGS AND APPROVED SHOP DRAWINGS: LEGIBLY MARK EACH ITEM TO RECORD ACTUAL STRUCTION, INCLUDING:

## 1. FIELD CHANGES OF DIMENSIONS AND DETAILS 2. CHANGES MADE BY ADDENDA, CHANGE ORDERS, IF ANY, AND WORK ORDERS, IF ANY. 3. DETAILS NOT ON ORIGINAL CONTRACT DRAWINGS.

4. REFERENCES TO RELATED SHOP DRAWINGS AND MODIFICATIONS. C. SPECIFICATIONS AND ADDENDA: LEGIBLY MARK EACH SECTION TO RECOR 1. MANUFACTURER, TRADE NAME, CATALOG NUMBER, AND SUPPLIER OF EACH PRODUCT AND TEM OF EQUIPMENT ACTUALLY INSTALLED. OTHER DOCUMENTS: MAINTAIN MANUFACTURER'S CERTIFICATION, INSPECTION CERTIFICATIONS, FIELD EST RECORDS REQUIRED BY INDIVIDUAL SPECIFICATION SECTIONS.

#### SUBMITTALS A. AT SUBSTANTIAL COMPLETION, DELIVER RECORD DOCUMENTS AND SAMPLES TO OWNER.

. TRANSMIT WITH COVER LETTER LISTING: 2. PROJECT TITLE AND NUMBER

3. CONTRACTOR'S NAME, ADDRESS AND TELEPHONE NUMBER. 4. NUMBER AND TITLE OF EACH RECORD DOCUMENT

## EXTRA MATERIAL A. WHERE SPECIFICATION SECTION REQUIRES FURNISHING EXTRA MATERIAL TO THE OWNER FOR FUTURE MAINTENANCE USE, FURNISH MATERIALS AS SPECIFIED IN MANUFACTURER'S STANDARD PACKAGING AND WITH UITABLE LABELING TO IDENTIFY CONTENTS OF EACH PACKAGE END OF SECTION 01720

## SECTION 01740 WARRANTIES AND GUARANTEES

OBTAIN AND SUBMIT WARRANTIES AND GUARANTEES. EXECUTED IN DUPLICATE BY SUBCONTRACTOR SUPPLIERS AND MANUFACTURERS, WITHIN TEN (10) DAYS AFTER SUBSTANTIAL COMPLETION DATE OF

### INING OF TIME OF WARRANTY WILL BE NO EARLIER THAT THE DATE WHEN THE OWNER TAKES OCCUPANCY OF THE FACILITIES.

B. WARRANTIES SHALL BE AS SPECIFIED IN INDIVIDUAL SECTIONS. STANDARD MANUFACTURERS VARRANTIES SHALL BE PROVIDED FOR ALL PRODUCTS WITH STANDARD MANUFACTURER'S WARRANT WHETHER SPECIFIED OR NOT.

## SECTION 061000 ROUGH CARPENTRY

A.PROVIDE ALL ROUGH CARPENTRY WORK, AS INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN. ROUGH CARPENTRY SHALL INCLUDE BUT NOT BE LIMITED TO 1 ROUGH HARDWARE INSERTS AND RELATED METAL COMPONENTS 2.ROUGH CARPENTRY SLEEPERS, BLOCKINGS, CURBS, CANTS, EDGINGS, GROUNDS, NAILERS,

END OF SECTION 01740

## 3.PLYWOOD BACKING PANELS

4. TELEPHONE ELECTRICAL EQUIPMENT BACK BOARDS QUALITY ASSURANCE

#### GRADES SPECIFIED ARE THE MINIMUM ACCEPTABLE. LUMBER GRADES SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D 245 2.LUMBER SHALL BEAR THE GRADE MARK OF AN AMERICAN LUMBER STANDARDS COMMITTEE, BOARD OF REVIEW-APPROVED AGENCY. LUMBER SHALL CONFORM TO USDC PS 20. 3.LUMBER SHALL BEAR A MARK OF MILL IDENTIFICATION. 4.PLYWOOD SHALL COMPLY WITH APA REF. 1 GRADING REQUIREMENTS, USDC PS 1, AND ANSI

#### A199.1 LUMBER

SCOPE PROVIDE LUMBER FOR MISCELLANFOUS WOOD FRAMING BLOCKING CANT STRIPS NAILERS TC., FOR ALL WORK OF THE PROJECT, INCLUDING, BUT NOT LIMITED TO ROOFING, FLASHING, SHEET METAL WORK AND THE LIKE 3. PROVIDE NEW LUMBER OF CONSISTENT SIZE, FREE OF STAINS AND MILDEW, KILN DRIED TO A MOISTURE ONTENT OF NOT MORE THAN 19% BY WEIGHT. WHERE EXPOSED OR SEMI-EXPOSED, PROVIDE WOOD IEMBERS SELECTED FOR BEST POSSIBLE APPEARANCE FROM THE GRADE OF STOCK SPECIFIED. PROVIDE LUMBER IN LONGEST PRACTICAL LENGTHS. USE SINGLE LENGTH PIECES WHEREVER D. UNLESS OTHERWISE NOTED IN THE DOCUMENTS GENERAL CARPENTRY MATERIAL LUMBER SHALL BE

#### CONSTRUCTION GRADE, SPRUCE-FIR-PINE PRESSURE PRESERVATIVE TREATED I UMBER PRESSURE PRESERVATIVE TREAT I UMBER ABOVE ROUND AND IN CONTACT WITH ROOFING, FLASHING, SHEET METAL, MASONRY, CONCRETE, MPPROOFING AND WATERPROOFING IN CONFORMANCE WITH AWPB I P-2 AND AWPA C2 PROVIDE RESSURE PRESERVATIVE TREATED LUMBER WITH A MINIMUM NET RETENTION OF 0.25 PCF. DRY LUMBER TO MAXIMUM MOISTURE CONTENT OF 19% AFTER TREATMENT. USE ONLY WATERBORNE PRESERVATIVES WHICH CONFORM TO AWPA P5. CREOSOTE PRESERVATIVES ARE NOT ACCEPTABLE. 1.PRESSURE PRESERVATIVE TREAT LUMBER IN CONTACT WITH GROUND IN COMPLIANCE WITH

AWPA C2 AND AWPB LP-22 WITH A MINIMUM NET RETENTION OF 0.40 PCF. F. FIRE RETARDANT TREATED LUMBER: FOR INTERIOR CONCEALED ROUGH CARPENTRY, ALL LUMBER AND LYWOOD, PROVIDE FIRE RETARDANT TREATED LUMBER COMPLYING WITH AWPA C20, TYPE A. PROVIDE FIRE RETARDANT TREATMENT WHICH YIELDS A FLAME SPREAD RATING OF NOT MORE THAN 25 WHEN ESTED IN ACCORDANCE WITH ASTM E 84 KILN DRIED AFTER TREATMENT TO MAXIMUM MOISTURE CONTENT OF 19% CONSTRUCTION PANELS

#### A.SCOPE: CONSTRUCTION PANELS REQUIRED TO COMPLETE THE WORK OF THIS SECTION INCLUDE, BUT IS NOT LIMITED TO THE FOLLOWING: 1. BACKING PANELS AT ELECTRICAL ROOMS

B.COMPLY WITH USDC PS 1 AND APA REF. 1 AS APPLICABLE. FACTORY MARK EACH PANEL WITH APA RADEMARK SHOWING COMPLIANCE WITH REQUIREMENTS. C.PLYWOOD BACKING PANELS: PROVIDE APA TRADEMARKED, PERFORMANCE-RATED SHEATHING, UL FIRE-RETARDANT TREATED, C-D PLUGGED, EXPOSURE 1 PANELS, NOT LESS THAN 5/8 IN. THICK. PROVIDE FIRE-RETARDANT TREATMENT WHICH YIELDS A FLAME SPREAD RATING OF NOT MORE THAN 25 WHEN TESTED IN CONFORMANCE WITH ASTM E 84, AND CONFORMS TO AWPA C 27, INTERIOR TYPE A. KILN DRY AFTER TREATMENT TO A MAXIMUM MOISTURE CONTENT OF 15%.

#### MISCELLANEOUS MATERIALS A.INSERTS, ANCHORS, AND FASTENERS: PROVIDE INSERTS, ANCHORS, ANCHOR BOLTS, LAG BOLTS, SCREWS, WASHERS, NUTS, NAILS, AND OTHER ROUGH HARDWARE. ASSIST OTHER TRADES AS NECESSARY IN THE PLACEMENT OF INSERTS AND ANCHOR BOLTS IN CONCRETE AND MASONRY. FURNISH FULL INSTRUCTIONS REGARDING LOCATIONS, SIZES, AND OTHER REQUIREMENTS TO ENSURE PROPER REPARATION. PROVIDE ROUGH HARDWARE WHICH COMPLIES WITH REQUIREMENTS OF THE GOVERNING AWS AND CODES ROUGH HARDWARE: PROVIDE ROUGH HARDWARE ITEMS FOR USE AT ROOF AND OTHER EXTERIOR USES

T-DIP GALVANIZED IN ACCORDANCE WITH ASTM A 153. PROVIDE OTHER CONCEALED ITEMS CADMIUM PLATED OR ZINC CHROMATE PLATED. C PROVIDE HAMMER DRIVE ANCHORS AND FASTENERS FOR SECURING WOOD FRAMING. BLOCKING OF PLYWOOD INTO MASONRY OF SUFFICIENT LENGTH TO PENETRATE THE RECEIVING MEMBER A MINIMUM OF

#### WORK INCLUDED A.PROVIDE ALL ROUGH CARPENTRY WORK, AS INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN.

QUALITY ASSURANCE

CONSTRUCTION GRADE, SPRUCE-FIR-PINE

IN ACCORDANCE WITH ASTM D 245.

METAL WORK. AND THE LIKE.

2.03

1.02

A199.1

ROUGH CARPENTRY SHALL INCLUDE BUT NOT BE LIMITED TO 1.ROUGH HARDWARE, INSERTS, AND RELATED METAL COMPONENTS 2.ROUGH CARPENTRY SLEEPERS, BLOCKINGS, CURBS, CANTS, EDGINGS, GROUNDS, NAILERS, AND FURRING. 3.PLYWOOD BACKING PANELS.

A. SCOPE: PROVIDE LUMBER FOR MISCELLANEOUS WOOD FRAMING, BLOCKING, CANT STRIPS, NAILERS,

C., FOR ALL WORK OF THE PROJECT, INCLUDING, BUT NOT LIMITED TO ROOFING, FLASHING, SHEET

CONTENT OF NOT MORE THAN 19% BY WEIGHT. WHERE EXPOSED OR SEMI-EXPOSED, PROVIDE WOOD

D. UNLESS OTHERWISE NOTED IN THE DOCUMENTS GENERAL CARPENTRY MATERIAL LUMBER SHALL BE

MBERS SELECTED FOR BEST POSSIBLE APPEARANCE FROM THE GRADE OF STOCK SPECIFIED

C. PROVIDE LUMBER IN LONGEST PRACTICAL LENGTHS. USE SINGLE LENGTH PIECES WHEREVER

. PROVIDE NEW LUMBER OF CONSISTENT SIZE, FREE OF STAINS AND MILDEW, KILN DRIED TO A MOISTURE

GRADES SPECIFIED ARE THE MINIMUM ACCEPTABLE. LUMBER GRADES SHALL BE DETERMINED

LUMBER SHALL BEAR THE GRADE MARK OF AN AMERICAN LUMBER STANDARDS COMMITTEE,

4.PLYWOOD SHALL COMPLY WITH APA REF. 1 GRADING REQUIREMENTS, USDC PS 1, AND ANSI

4. TELEPHONE ELECTRICAL EQUIPMENT BACK BOARDS.

BOARD OF REVIEW-APPROVED AGENCY. LUMBER SHALL CONFORM TO USDC PS 20.

LUMBER SHALL BEAR A MARK OF MILL IDENTIFICATION

#### E. PRESSURE PRESERVATIVE TREATED LUMBER: PRESSURE PRESERVATIVE TREAT LUMBER ABOVE GROUND AND IN CONTACT WITH ROOFING. FLASHING. SHEET METAL. MASONRY. CONCRETE. PPROOFING, AND WATERPROOFING IN CONFORMANCE WITH AWPB LP-2 AND AWPA C2. PROVIDE PRESSURE PRESERVATIVE TREATED LUMBER WITH A MINIMUM NET RETENTION OF 0.25 PCF. DRY LUMBER TO MAXIMUM MOISTURE CONTENT OF 19% AFTER TREATMENT. USE ONLY WATERBORNE PRESERVATIVES WHICH CONFORM TO AWPA P5. CREOSOTE PRESERVATIVES ARE NOT ACCEPTABLE I.PRESSURE PRESERVATIVE TREAT LUMBER IN CONTACT WITH GROUND IN COMPLIANCE WITH AWPA C2 AND AWPB LP-22 WITH A MINIMUM NET RETENTION OF 0.40 PCF. F. FIRE RETARDANT TREATED LUMBER: FOR INTERIOR CONCEALED ROUGH CARPENTRY, ALL LUMBER AND PLYWOOD. PROVIDE FIRE RETARDANT TREATED LUMBER COMPLYING WITH AWPA C20. TYPE A. PROVIDE

SECTION 061000 ROUGH CARPENTRY (CONTINUED)

CONSTRUCTION PANELS

1. BACKING PANELS AT ELECTRICAL ROOMS

TRADEMARK SHOWING COMPLIANCE WITH REQUIREMENTS.

AFTER TREATMENT TO A MAXIMUM MOISTURE CONTENT OF 15%

IS NOT LIMITED TO THE FOLLOWING

2.03 MISCELLANEOUS MATERIALS

CADMIUM PLATED OR ZINC CHROMATE PLATED.

SECTION 06 20 00 FINISH CARPENTRY

A. SECTION INCLUDES BUT IS NOT LIMITED TO

1. INTERIOR MILLWORK

2. SEATS AND BENCHES

4. COUNTER OR WORK TOPS

6. PEGBOARD (PERFORATED HARDBOARD

DELIVERY, STORAGE AND HANDLING

7. MOUNTING STRIPS, SHELVES, AND RODS

CONSTRUCTION IS COMPLETED, DRIED, AND CURED

COUNTER SHEL

5. WALL PANELING

WOOD BUMPERS

RUN NUMBER, AND MANUFACTURE DATE

FIELD CONDITIONS

FIELD MEASUREMENTS ON SUBMITTAL DRAWINGS.

WHICH PRODUCT IS PRODUCED

5. MOISTURE CONTENT:

B. USE PRIME FOR PAINTED OR OPAQUE FINISH

PIECES AND 15 PERCENT ON THE REMAINDER

D. FIRE RESISTANT SOFTWOOD PLYWOOD:

E. FIRE RESISTANT HARDWOOD PLYWOOD

1. SOFTWOOD PLYWOOD: DOC PS'

D. OTHER: AS SPECIFIED FOR ITEM

SMOOTH SURFACE ON SIDE. //

. STAINLESS STEEL: ASTM A240, TYPE 302 OR 304

SPECIAL PROFILES ARE SHOWN

ORNER CAULKING REBATE

8. PLASTIC LAMINATE WORK:

4. POSTFORMED SURFACES: GRADE HGP.

1. AWI CUSTOM GRADE FOR INTERIOR MILLWORK.

2. FINISH WOODWORK, FREE FROM PITCH POCKE

BACK CHANNELED AND MOLDED A SHOWN.

SHOWN ON DRAWINGS OR SPECIFIED

OTHER BEARING PLATE OCCURS

A. REMOVE EXCESS ADHESIVE BEFORE ADHESIVE SETS.

SERVICE CONNECTIONS IN MILLWORK ITEMS.

ACCEPTABLE SEALER

HARDWOOD PLYWOOD: HPVA: HP.

C. SHELVING PLYWOOD:

B. GRADE:

THERWISE

E. BUILDING BOARD (HARDBOARD)

PLASTIC LAMINATE: NEMA LD-3.

H. CAST ALUMINUM: ASTM B26.

A. GENERA

I. EXTRUDED ALUMINUM: ASTM B221.

FABRICATION

SPECIFIED

COUNTERTOPS

INSTALLATION

SURFACES.

CLEANING

PROTECTION

D. REPAIR DAMAGE.

A. INSTALLATION:

DOES NOT OCCUR

B. PLASTIC LAMINATE PLYWOOD CORES:

2)VENEER GRADE: A-C.

1. PLASTIC LAMINATE PARTICLEBOARD CORES:

Á)FLAME SPREAD: 0 TO 25. B)SMOKE DEVELOPED: 100 MAXIMUM.

3)FACTORY SEAL PANEL EDGES.

1) EXTERIOR TYPE AND SPECIES GROUP

1)INTERIOR TYPE, ANY SPECIES GROUP

2)VENEER GRADE: A-B OR B-C.

AND DRY

MATERIALS

1 SIZES

SPECIFIED

8. CHAIR RAIL

10. BASE

OPENED PACKAGING.

B. LUMBER

C. PLYWOOD

. MOLDINGS

LAWS AND CODES

PART 1 - GENERAL 1.1 SUMMARY

TESTED IN ACCORDANCE WITH ASTM E 84 KILN DRIED AFTER TREATMENT TO MAXIMUM MOISTURE

END OF SECTION 061000

A. SCOPE: CONSTRUCTION PANELS REQUIRED TO COMPLETE THE WORK OF THIS SECTION INCLUDE, BUT

C. PLYWOOD BACKING PANELS: PROVIDE APA TRADEMARKED, PERFORMANCE-RATED SHEATHING, U FIRE-RETARDANT TREATED. C-D PLUGGED. EXPOSURE 1 PANELS. NOT LESS THAN 5/8 IN. THICK. PROVIDE FIRE-RETARDANT TREATMENT WHICH YIELDS A FLAME SPREAD RATING OF NOT MORE THAN 25 WHEN TESTED IN CONFORMANCE WITH ASTM E 84, AND CONFORMS TO AWPA C 27, INTERIOR TYPE A. KILN DRY

A INSERTS, ANCHORS, AND FASTENERS: PROVIDE INSERTS, ANCHORS, ANCHOR BOLTS, LAG BOLTS, SCREWS, WASHERS, NUTS, NAILS, AND OTHER ROUGH HARDWARE. ASSIST OTHER TRADES AS NECESSARY IN THE PLACEMENT OF INSERTS AND ANCHOR BOLTS IN CONCRETE AND MASONRY. FURNISH INSTRUCTIONS REGARDING LOCATIONS, SIZES, AND OTHER REQUIREMENTS TO ENSURE PROPER PREPARATION. PROVIDE ROUGH HARDWARE WHICH COMPLIES WITH REQUIREMENTS OF THE GOVERNING B. ROUGH HARDWARE: PROVIDE ROUGH HARDWARE ITEMS FOR USE AT ROOF AND OTHER EXTERIOR HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A 153. PROVIDE OTHER CONCEALED ITEMS PROVIDE HAMMER DRIVE ANCHORS AND FASTENERS FOR SECURING WOOD FRAMING, BLOCKING OR PLYWOOD INTO MASONRY OF SUFFICIENT LENGTH TO PENETRATE THE RECEIVING MEMBER A MINIMUM OF

. DELIVER PRODUCTS IN MANUFACTURER'S ORIGINAL SEALED PACKAGING

B. MARK PACKAGING, LEGIBLY. INDICATE MANUFACTURER'S NAME OR BRAND, TYPE, COLOR, PRODUCTION C. BEFORE INSTALLATION, RETURN OR DISPOSE OF PRODUCTS WITHIN DISTORTED, DAMAGED, OR D. STORE PRODUCTS INDOORS IN DRY, WEATHERTIGHT CONDITIONED FACILIT E. PROTECT PRODUCTS FROM DAMAGE DURING HANDLING AND CONSTRUCTION OPERATIONS.

1 INSTALL PRODUCTS WHEN BUILDING IS PERMANENTLY ENCLOSED AND WHEN WET 2. DO NOT INSTALL FINISH LUMBER OR MILLWORK IN ANY ROOM OR SPACE WHERE WET ROCESS SYSTEMS SUCH AS CONCRETE, MASONRY, OR PLASTER WORK IS NOT COMPLETE

B. FIELD MEASUREMENTS: VERIFY FIELD CONDITIONS AFFECTING FABRICATION AND INSTALLATION. SHOW COORDINATE FIELD MEASUREMENT AND FABRICATION SCHEDULE TO AVOID DELAY . GRADING AND MARKING: FACTORY MARK WITH GRADE STAMP LUMBER AND PLYWOOD OF INSPECTION AGENCY APPROVED BY THE BOARD OF REVIEW, AMERICAN LUMBER STANDARD COMMITTEE.

A. LUMBER SIZE REFERENCES, UNLESS OTHERWISE SPECIFIED, ARE NOMINAL SIZES, AND ACTUAL SIZES WITHIN MANUFACTURING TOLERANCES ALLOWED BY THE STANDARD UNDER B. MILLWORK, STANDING AND RUNNING TRIM, AND RAILS: ACTUAL SIZE AS SHOWN OR 2. HARDWOOD: MM-L-736, SPECIES AS SPECIFIED FOR EACH ITEM.

3. SOFTWOOD: PS-20, EXPOSED TO VIEW APPEARANCE GRADES A. USE C SELECT OR D SELECT, VERTICAL GRAIN FOR TRANSPARENT FINISH INCLUDING STAIN 4. USE EDGE GRAIN WOOD MEMBERS EXPOSED TO WEATHER.

A. 32 MM (1-1/4 INCHES) OR LESS NOMINAL THICKNESS: 12 PERCENT ON 85 PERCENT OF THE B. OTHER MATERIALS: ACCORDING TO STANDARDS UNDER WHICH THE PRODUCTS ARE 6 FIRF RFTARDANT TREATMENT: MIL. SPEC. MIL-L-19140E A. TREATMENT AND PERFORMANCE INSPECTION BY AN INDEPENDENT AND QUALIFIED TESTING AGENCY THAT ESTABLISHES PERFORMANCE RATINGS. B. EACH PIECE OF TREATED MATERIAL BEAR IDENTIFICATION OF THE TESTING AGENCY AND

DICATE PERFORMANCE ACCORDING TO SUCH RATING OF FLAME SPREAD AND SMOKE . TREAT WOOD FOR MAXIMUM FLAME SPREAD OF 25 AND SMOKE DEVELOPED OF 25. 1)GRADE A, EXTERIOR, PLYWOOD FOR TREATMENT. 2)SURFACE BURNING CHARACTERISTICS: WHEN TESTED ACCORDING TO ASTM E84

1)CORE: FIRE RETARDANT TREATED SOFTWOOD PLYWOOD. 2)HARDWOOD FACE AND BACK VENEERS UNTREATED.

A. PLYWOOD, 13 MM (1/2 INCH) AND THICKER; MINIMUM FIVE PLY CONSTRUCTION, EXCEPT 32 MM (1-1/4 INCH) THICK PLYWOOD MINIMUM SEVEN PLY.

. SPECIES OF FACE VENEER: AS SHOWN OR AS SPECIFIED WITH EACH PARTICULAR ITEM. 1)TRANSPARENT FINISH: TYPE II (INTERIOR) A GRADE VENEER 2)PAINT FINISH: TYPE II (INTERIOR) SOUND GRADE VENEER

C. SPECIES AND CUT: PLAIN SLICED RED OAK // ROTARY CUT WHITE BIRCH // UNLESS SPECIFIED PARTICLEBOARD: NPA A208 1 // TYPE 1 GRADE 1-M-3 // TYPE 2 GRADE 2-M-2 // A. // TYPE 1, GRADE 1-M-3, // TYPE 2, GRADE 2-M-2, // UNLESS OTHERWISE SPECIFIED.

B. // TYPE 2, GRADE 2-M-2, EXTERIOR BOND, FOR TOPS WITH SINKS. // I. ANSI/AHA A135.4, 6 MM (1/4 INCH) THICK UNLESS SPECIFIED OTHERWISE PERFORATED HARDBOARD (PEGBOARD): TYPE 1. TEMPERED PERFORATED 6 MM (1/4 INCH) DIAMETER HOLES, ON 25 MM (1 INCH) CENTERS EACH WAY, SMOOTH SURFACE ONE SIDE 3. // WALL PANELING AT GAS CHAIN RACK: TYPE 1, TEMPERED, FIRE RETARDANT TREATED,

1. EXPOSED LAMINATE SURFACES INCLUDING COUNTERTOPS, AND SIDES OF CABINET DOORS: 2. CABINET INTERIORS INCLUDING SHELVING: NEMA, CLS AS A MINIMUM, WITH THE FOLLOWING: B. RESIN IMPREGNATED DECORATIVE PAPER THERMALLY FUSED TO PARTICLE BOARD. LASTIC LAMINATE COVERED WOOD TOPS BACKING: GRADE HGP.

3. TRIM, STANDARD STOCK MOLDING AND MEMBERS OF SAME SPECIES, EXCEPT WHERE 4. PLYWOOD, MINIMUM 13 MM (1/2 INCH), UNLESS OTHERWISE SHOWN ON DRAWINGS OR 5. EDGES OF MEMBERS IN CONTACT WITH CONCRETE OR MASONRY HAVING A SQUARE 6. FABRICATE MEMBERS LESS THAN 4 M (14 FEET) IN LENGTH FROM ONE PIECE OF LUMBER, 7. FABRICATE INTERIOR TRIM AND ITEMS OF MILLWORK TO BE PAINTED FROM JOINTED,

BUILT-UP, OR LAMINATED MEMBERS, UNLESS OTHERWISE SHOWN ON DRAWINGS OR A. FACTORY GLUED TO EITHER A PLYWOOD OR A PARTICLE BOARD CORE, THICKNESS AS

3. COVER EXPOSED EDGES WITH PLASTIC LAMINATE. EXCEPT WHERE ALUMINUM. STAINLESS STEEL, OR PLASTIC MOLDED EDGE STRIPS ARE SHOWN ON DRAWINGS OR SPECIFIED. USE PLASTIC MOLDED EDGE STRIPS ON 19 MM (3/4 INCH) THICK OR THINNER CORE MATERIAL C. PROVIDE PLASTIC BACKING SHEET ON UNDERSIDE OF COUNTERTOPS, VANITY TOPS, HRU-WALL COUNTER // AND SILLS // INCLUDING BACK SPLASHES AND END SPLASHES OF

D. USE BACKING SHEET ON CONCEALED LARGE PANEL SURFACE WHEN DECORATIVE FACE 1. PRIME MILLWORK RECEIVING TRANSPARENT FINISH AND BACK-PAINT CONCEALED 2 FASTEN TRIM WITH FINE FINISHING NAILS SCREWS OR GLUE AS REQUIRED.

3. SET NAILS FOR PUTTY STOPPING. PROVIDE WASHERS UNDER BOLT HEADS WHERE NO 4. SEAL CUT EDGES OF FIRE RETARDANT TREATED WOOD MATERIALS WITH A CERTIFIED 5. COORDINATE WITH PLUMBING AND ELECTRICAL WORK FOR INSTALLATION OF FIXTURES AND

6. PLUMB AND LEVEL ITEMS UNLESS SHOWN OTHERWIS 7. NAIL FINISH AT EACH BLOCKING. LOOKOUT, OR OTHER NAILER AND INTERMEDIATE POINTS; TOGGLE OR EXPANSION BOLT IN PLACE WHERE NAILS ARE NOT SUITABLE. 8. APPLY ADHESIVE UNIFORMLY FOR FULL CONTACT BETWEEN FINISH MILLWORK AND

B. CLEAN EXPOSED SURFACES. REMOVE CONTAMINANTS AND STAINS. C. TOUCH UP DAMAGED FACTORY FINISHES. 1. REPAIR PAINTED SURFACES WITH TOUCH UP PRIMER.

A. PROTECT FINISH CARPENTRY FROM TRAFFIC AND CONSTRUCTION OPERATIONS. B. COVER FINISH CARPENTRY WITH REINFORCED KRAFT PAPER, AND PLYWOOD OR HARDBOARD. . REMOVE PROTECTIVE MATERIALS IMMEDIATELY BEFORE ACCEPTANCE.

END OF SECTION 06 20 00

SECTION 064023 INTERIOR ARCHITECTURAL WOODWORK

GENERA A.THIS SECTION INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: 1. PLASTIC-LAMINATE WORKSTATIONS, COUNTERTOPS & CABINET WORK. 2 SINK VANITY CABINETS 3. RECEPTION COUNTER & CABINETS

SHOP DRAWINGS A. SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH CONTRACT DOCUMENTS. CLEARLY INDICATE MATERIAL, DETAILS OF CONSTRUCTION, PROFILES, JOINTING, FASTENING AND THER RELATED DETAILS. SUBMIT SAMPLES OF EACH PRODUCT OR MATERIAL WITH EXAMPLE OF FINAL FINISH APPLIED. SUBMIT

MANUFACTURERS FULL RANGE OF PLASTIC LAMINATE. FINAL SELECTIONS OF COLORS AND ALL MATERIAL HALL BE PER ARCHITECTS APPROVED SAMPLE. PROJECT CONDITIONS . ENVIRONMENTAL LIMITATIONS: DO NOT DELIVER OR INSTALL WOODWORK UNTIL HVAC SYSTEM IS OPERATING AND MAINTAINING TEMPERATURE AND RELATIVE HUMIDITY AT OCCUPANCY LEVELS DURING

HE REMAINDER OF THE CONSTRUCTION PERIOD. MATERIALS

1.HARDBOARD: AHA A135.4 2.MEDIUM-DENSITY FIBERBOARD: ANSI A208.2, GRADE MD, MADE WITH BINDER CONTAINING NO UREA FORMALDEHYDE. 3. SOFTWOOD PLYWOOD: DOC PS 1 MEDIUM DENSITY OVERLAY

4. PAINT GRADE WOOD BASE OF FINGER JOINTED PINE, PRIMED. **B. PLASTIC LAMINATE** 1. ACCEPTABLE MANUFACTURERS: FORMICA, NEVAMAR, WILSONART OR EQUAL.

MISCELLANEOUS MATERIALS A, FURRING, BLOCKING, SHIMS, AND HANGING STRIPS: SOFTWOOD OR HARDWOOD LUMBER, FIRE-RETARDANT-TREATED, KILN-DRIED TO LESS THAN 19 PERCENT MOISTURE CONTENT B. ADHESIVES, GENERAL: DO NOT USE ADHESIVES THAT CONTAIN UREA FORMALDEHYDE FABRICATION

A. GENERAL: COMPLETE FABRICATION TO MAXIMUM EXTENT POSSIBLE BEFORE SHIPMENT TO PROJECT ITE. WHERE NECESSARY FOR FITTING AT SITE, PROVIDE ALLOWANCE FOR SCRIBING, TRIMMING, AND **B. PLASTIC-LAMINATE COUNTERTOPS** 1. COLORS, PATTERNS, AND FINISHES: AS INDICATED ON THE DRAWINGS

2. EDGE TREATMENT: SAME AS LAMINATE CLADDING ON HORIZONTAL SURFACES. CORE MATERIAL AT SINKS: EXTERIOR-GRADE PLYWOOD. INSTALLATION A. INSTALL WORK LEVEL, PLUMB, TRUE, AND STRAIGHT TO A TOLERANCE OF 1/8 INCH IN 96 INCHES. SHIM

S REQUIRED WITH CONCEALED SHIMS. B, SCRIBE AND CUT TO FIT ADJOINING WORK, REFINISH CUT SURFACES, AND REPAIR DAMAGED FINISH AT COUNTERTOPS: ANCHOR SECURELY BY SCREWING THROUGH CORNER BLOCKS OF BASE CABINET R OTHER SUPPORTS INTO UNDERSIDE OF COUNTERTOP. CAULK SPACE BETWEEN BACKSPLASH AND WALL WITH SEALANT SPECIFIED IN DIVISION 7, SECTION "JOINT SEALANTS." END OF SECTION 064023

SECTION 079200 JOINT SEALANTS

1.01 SUMMAR A. THIS SECTION INCLUDES JOINT SEALANTS FOR THE FOLLOWING APPLICATIONS, INCLUDING THOSE SPECIFIED BY REFERENCE TO THIS SECTION 1. EXTERIOR JOINTS IN VERTICAL SURFACES AND HORIZONTAL NONTRAFFIC SURFACES. 2. EXTERIOR JOINTS IN HORIZONTAL TRAFFIC SURFACES. 3. INTERIOR JOINTS IN VERTICAL SURFACES AND HORIZONTAL NONTRAFFIC SURFACES. 4 INTERIOR JOINTS IN HORIZONTAL TRAFFIC SURFACES

B. SEE DIVISION 8 SECTION "GLAZING" FOR GLAZING SEALANTS.

1.02 PERFORMANCE REQUIREMENTS A. PROVIDE ELASTOMERIC JOINT SEALANTS THAT ESTABLISH AND MAINTAIN WATERTIGHT AND AIRTIGHT CONTINUOUS JOINT SEALS WITHOUT STAINING OR DETERIORATING JOINT SUBSTRATES.

A. SPECIAL INSTALLER'S WARRANTY: INSTALLER'S STANDARD FORM IN WHICH INSTALLER AGREES TO REPAIR OR REPLACE ELASTOMERIC JOINT SEALANTS THAT DO NOT COMPLY WITH PERFORMANCE AND THER REQUIREMENTS SPECIFIED IN THIS SECTION WITHIN SPECIFIED WARRANTY PERIOD.

1. WARRANTY PERIOD: FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION. B. SPECIAL MANUFACTURER'S WARRANTY: MANUFACTURER'S STANDARD FORM IN WHICH ELASTOMERIC SEALANT MANUFACTURER AGREES TO FURNISH ELASTOMERIC JOINT SEALANTS TO REPAIR OR REPLACE HOSE THAT DO NOT COMPLY WITH PERFORMANCE AND OTHER REQUIREMENTS SPECIFIED IN THIS SECTION WITHIN SPECIFIED WARRANTY PERIOD 1. WARRANTY PERIOD: TWENTY YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

MATERIALS, GENERAL A. COMPATIBILITY: PROVIDE JOINT SEALANTS, BACKINGS, AND OTHER RELATED MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH JOINT SUBSTRATES BASED ON TESTING AND FIELD B. VOC CONTENT OF INTERIOR SEALANTS: PROVIDE SEALANTS AND SEALANT PRIMERS FOR USE INSIDE THE WEATHERPROOFING SYSTEM THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART F (EPA METHOD 24):

1. ARCHITECTURAL SEALANTS: 250 G/L. 2. NONMEMBRANE ROOF SEALANTS: 300 G/I 3. SINGLE-PLY ROOF MEMBRANE SEALANTS: 450 G/L. 4. SEALANT PRIMERS FOR NONPOROUS SUBSTRATES: 250 G/L 5. SEALANT PRIMERS FOR POROUS SUBSTRATES: 775 G/L. 6. MODIFIED BITUMINOUS SEALANT PRIMERS: 500 G/I

C. COLORS OF EXPOSED JOINT SEALANTS: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL SEALANT FOR TRAFFIC JOINTS

A. ASTM C920, TYPE S (SINGLE COMPONENT) OR TYPE M (MULTICOMPONENT); GRADE P (POURABLE) OR GRADE NS (NON AG); CLASS 25, USE T AND M; AND OF COLORS AS SELECTED BY ARCHITECT-ENGINEER ANUFACTURER'S STANDARD COLOR CHART B. ACCEPTABLE MANUFACTURERS AND BRANDS:

1. TREMCO: THC 900 OR DYMERIC. 2. PECORA: UREXPAN NR-200 OR NR-201 3. SONNEBORN: SONOLASTIC PAVING JOINT SEALANT.

SEALANT FOR NON-TRAFFIC JOINTS ASTM C920, TYPE S (SINGLE COMPONENT) OR TYPE M (MULTICOMPONENT); GRADE NS (NONSAG); CLASS 25; USE NT, M, G AND A; AND OF COLORS SELECTED BY ARCHITECT-ENGINEER FROM CCEPTABLE MANUFACTURERS AND BRANDS 1 TREMCO: DYMER

2. PECORA: DYNATROL I OR DYUNATROL II. 3. SONNEBORN: SONOLASTIC NPI OR NP 4 DOW: DOW CORNING 790 SH ICONE BUILDING SEALANT, DOW CORNING 795 SH ICONE BUILDING SEALANT, OR DOW CORNING 999 SILICONE GLAZING SEALANT

2.05 SEALANT COMPOUND A. ASTM C920, TYPE S (SINGLE COMPONENT) OR TYPE M (MULTICOMPONENT); GRADE NS (NONSAG); LASS 25; USE NT, M, G AND A; AND OF COLORS AS SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLOR CHART B. ACCEPTABLE MANUFACTURERS AND BRANDS

1. TREMCO: DYMERIC. 2. PECORA: DYNATROL I OR DYNATROL II. 3. SONNEBORN: SONOLASTIC NPI OR NPII

. GENERAL ELECTRIC: SILPRUF WEATHERPROOFING SEALANT. 5. DOW: DOW CORNING 790 SILICONE BUILDING SEALANT, DOW CORNING 795 SILICONE BUILDING SEALANT, OR DOW CORNING 999 SILICONE GLAZING SEALANT 6. MAMECO: VULKEM 116 AND VULKEM 922.

MISCELLANEOUS MATERIALS PRIMER: MATERIAL RECOMMENDED BY JOINT-SEALANT MANUFACTURER WHERE REQUIRED FOR ADHESION OF SEALANT TO JOINT SUBSTRATES INDICATED, AS DETERMINED FROM PRECONSTRUCTION DINT-SEALANT SUBSTRATE TESTS AND FIELD TESTS. B. CLEANERS FOR NONPOROUS SURFACES. CHEMICAL CLEANERS ACCEPTABLE TO MANUFACTURERS OF EALANTS AND SEALANT BACKING MATERIALS, FREE OF OILY RESIDUES OR OTHER SUBSTANCES CAPABLE OF STAINING OR HARMING JOINT SUBSTRATES AND ADJACENT NONPOROUS SURFACES IN ANY VAY, AND FORMULATED TO PROMOTE OPTIMUM ADHESION OF SEALANTS TO JOINT SUBSTRATES.

PREPARATION A. SURFACE CLEANING OF JOINTS: CLEAN OUT JOINTS IMMEDIATELY BEFORE INSTALLING JOINT SEALANTS. 1 CLEAN SURFACES WITH CHEMICAL CLEANERS OR OTHER MEANS THAT DO NOT STAIN. HARM

SUBSTRATES, OR LEAVE RESIDUES CAPABLE OF INTERFERING WITH ADHESION OF JOINT SEALANTS. B. JOINT PRIMING: PRIME JOINT SUBSTRATES WHERE RECOMMENDED IN WRITING BY JOINT-SEALANT MASKING TAPE: USE MASKING TAPE WHERE REQUIRED TO PREVENT CONTACT OF SEALANT WITH DJOINING SURFACES THAT OTHERWISE WOULD BE PERMANENTLY STAINED OR DAMAGED BY SUCH CONTACT OR BY CLEANING METHODS REQUIRED TO REMOVE SEALANT SMEARS. REMOVE TAPE MMEDIATELY AFTER TOOLING WITHOUT DISTURBING JOINT SEAL.

INSTALLATION A SFALANT INSTALLATION STANDARD: COMPLY WITH RECOMMENDATIONS IN ASTM C 1193 FOR USE OF OINT SEALANTS AS APPLICABLE TO MATERIALS, APPLICATIONS, AND CONDITIONS INDICATED. B. INSTALL SEALANT BACKINGS OF TYPE INDICATED TO SUPPORT SEALANTS DURING APPLICATION AND AT POSITION REQUIRED TO PRODUCE CROSS-SECTIONAL SHAPES AND DEPTHS OF INSTALLED SEALANTS RELATIVE TO JOINT WIDTHS THAT ALLOW OPTIMUM SEALANT MOVEMENT CAPABILITY. 1. DO NOT LEAVE GAPS BETWEEN ENDS OF SEALANT BACKINGS 2. DO NOT STRETCH. TWIST. PUNCTURE, OR TEAR SEALANT BACKINGS

. REMOVE ABSORBENT SEALANT BACKINGS THAT HAVE BECOME WET BEFORE SEALANT APPLICATION AND REPLACE THEM WITH DRY MATERIALS . INSTALL BOND-BREAKER TAPE BEHIND SEALANTS WHERE SEALANT BACKINGS ARE NOT USED BETWEEN SEALANTS AND BACKS OF JOINTS. 1. PLACE SEALANTS SO THEY DIRECTLY CONTACT AND FULLY WET JOINT SUBSTRATES. 2. COMPLETELY FILL RECESSES IN EACH JOINT CONFIGURATION

DDUCE UNIFORM, CROSS-SECTIONAL SHAPES AND DEPTHS RELATIVE TO JOINT WIDTHS THAT ALLOW OPTIMUM SEALANT MOVEMENT CAPABILITY E. TOOLING OF NONSAG SEALANTS: IMMEDIATELY AFTER SEALANT APPLICATION AND BEFORE SKINNING R CURING BEGINS, TOOL SEALANTS ACCORDING TO REQUIREMENTS SPECIFIED BELOW T SMOOTH, UNIFORM BEADS OF CONFIGURATION INDICATED; TO ELIMINATE AIR POCKETS; AND TO ENSURE CONTACT AND ADHESION OF SEALANT WITH SIDES OF JOI

1. REMOVE EXCESS SEALANT FROM SURFACES ADJACENT TO JOINTS. . USE TOOLING AGENTS THAT ARE APPROVED IN WRITING BY SEALANT MANUFACTURER AND THAT DO NOT DISCOLOR SEALANTS OR ADJACENT SURFACES. . PROVIDE CONCAVE JOINT CONFIGURATION PER FIGURE 5A IN ASTM C1193, UNLESS OTHERWISE INDICATED. . INSTALLATION OF PREFORMED SILICONE-SEALANT SYSTEM: COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. INSTALLATION OF PREFORMED FOAM SEALANTS: INSTALL EACH LENGTH OF SEALANT IMMEDIATELY

AFTER REMOVING PROTECTIVE WRAPPING, TAKING CARE NOT TO PULL OR STRETCH MATERIAL, PRODUCING SEAL CONTINUITY AT ENDS, TURNS, AND INTERSECTIONS OF JOINTS. FOR APPLICATIONS AT LOW AMBIENT TEMPERATURES WHERE EXPANSION OF SEALANT REQUIRES ACCELERATION TO PRODUCE SEAL, APPLY HEAT TO SEALANT IN COMPLIANCE WITH SEALANT MANUFACTURER'S WRITTEN INSTRUCTIONS H. CLEAN OFF EXCESS SEALANT OR SEALANT SMEARS ADJACENT TO JOINTS AS THE WORK PROGRESSES BY METHODS AND WITH CLEANING MATERIALS APPROVED IN WRITING BY MANUFACTURERS OF JOINT SEALANTS AND OF PRODUCTS IN WHICH JOINTS OCCUR.

END OF SECTION 079200

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## SECTION 087000 FINISH HARDWARE

THE WORK IN THIS SECTION SHALL INCLUDE FURNISHING OF ALL ITEMS OF FINISH HARDWARE AS HEREINAFTER SPECIFIED OR OBVIOUSLY NECESSARY TO COMPLETE THE BUILDING. HARDWARE PROVIDER SHALL COORDINATE HARDWARE WITH CARD READER AND ALARM PROVIDER. CONTRACTOR SHALL SUBMIT HARDWARE SCHEDULE FOR APPROVAL.

A. FURNISH LABOR AND MATERIAL TO COMPLETE HARDWARE WORK INDICATED, AS SPECIFIED HEREIN, OR AS MAY BE REQUIRED BY ACTUAL CONDITIONS AT BUILDING.B. INCLUDE ALL NECESSARY SCREWS, BOLTS, EXPANSION SHIELDS, OTHER DEVICES, IF NECESSARY, AS

REQUIRED FOR PROPER HARDWARE APPLICATION. THE HARDWARE SUPPLIER SHALL ASSUME ALL RESPONSIBILITY FOR CORRECT QUANTITIES. C. ALL HARDWARE SHALL MEET THE REQUIREMENTS OF FEDERAL, STATE AND LOCAL CODES HAVING

JURISDICTION OVER THIS PROJECT, NOTWITHSTANDING ANY REAL OR APPARENT CONFLICT THEREWITH IN THESE SPECIFICATIONS. D. FIRE-RATED OPENINGS:

- 1. PROVIDE HARDWARE FOR FIRE-RATED OPENINGS IN COMPLIANCE WITH ANSI, NFPA PAMPHLET NO. 80, NFPA STANDARDS NO. 101, UBC 702 (1997) AND UL10C. THIS REQUIREMENT TAKES PRECEDENCE OVER OTHER REQUIREMENTS FOR SUCH HARDWARE. PROVIDE ONLY HARDWARE THAT HAS BEEN TESTED AND LISTED BY UL FOR THE TYPES AND SIZES OF DOORS REQUIRED AND COMPLIES WITH THE REQUIREMENTS OF THE DOOR AND DOOR FRAME LABELS.
- 2. WHERE PANIC EXIT DEVICES ARE REQUIRED ON FIRE-RATED DOORS, PROVIDE SUPPLEMENTARY MARKING ON DOOR UL LABEL INDICATING FIRE DOOR TO BE EQUIPPED WITH FIRE EXIT HARDWARE AND PROVIDE UL LABEL ON EXIT DEVICE INDICATING "FIRE EXIT HARDWARE".
- E. FASTENERS:
   1. HARDWARE AS FURNISHED SHALL CONFORM TO PUBLISHED TEMPLATES GENERALLY PREPARED FOR MACHINE SCREW INSTALLATION.
   2. FURNISH EACH ITEM COMPLETE WITH ALL SCREWS REQUIRED FOR INSTALLATION.

TYPICALLY, ALL EXPOSED SCREWS INSTALLATION. INSOFAR AS PRACTICAL, FURNISHED CONCEALED TYPE FASTENERS FOR HARDWARE UNITS THAT HAVE EXPOSED SCREWS SHALL BE FURNISHED WITH PHILLIPS FLAT HEAD SCREWS, FINISHED TO MATCH ADJACENT HARDWARE.

DOOR CLOSERS AND EXIT DEVICES TO BE INSTALLED WITH CLOSED HEAD THROUGH BOLTS (SEX BOLTS).

A. TO THE GREATEST EXTENT POSSIBLE, OBTAIN EACH KIND OF HARDWARE FROM ONLY ONE MANUFACTURER.

B. ALL NUMBERS AND SYMBOLS USED HEREIN HAVE BEEN TAKEN FROM THE CURRENT
CATALOGUES OF THE FOLLOWING MANUFACTURERS.

PRODU	CT SP	SPECIFIED MANUFACTURER						
1)	Hinges	lves	Bommer					
	Locks & Latches	Schlage	Falcon					
2) 3)	Cylinders, Keys, Keying	Schlage Everest	No Substitution					
4)	Exit Devices	Von Duprin	Falcon					
5)								
6)	Door Closers	LCN	Falcon					
7)	OH Stops/Holders	Glynn Johnson	Rixson					
8)	Wall Stops/Floor Stops, Flushbolts	lves	Trimco, Burns					
9)	Kick Plates	lves	Trimco, Burns					
10)	Threshold/Weather-strip	Zero	Reese					
11)	Silencers	lves						
12)	Key Cabinet	Lund	Key Control					

C. IF MATERIAL MANUFACTURED BY OTHER THAN THAT SPECIFIED OR LISTED HEREWITH AS AN EQUAL, IS TO BE BID UPON, PERMISSION MUST BE REQUESTED FROM THE ARCHITECT SEVEN (7) DAYS PRIOR TO BIDDING. IF SUBSTITUTION IS ALLOWED, IT WILL BE SO NOTED BY ADDENDUM. FINISH OF HARDWARE:

A. EXTERIOR HINGES TO BE STAINLESS STEEL (32D) AND INTERIOR HINGES TO BE SATIN CHROME (26D). DOOR CLOSERS TO BE ALUMINUM. LOCKS TO BE SATIN CHROME (26D), EXIT DEVICES SATIN CHROME (26D). OVERHEAD HOLDERS TO BE STAINLESS STEEL (32D), FLAT GOODS TO BE SATIN CHROME (26D) OR STAINLESS STEEL (32D) AND THE THRESHOLDS TO BE MILL FINISH ALUMINUM. HINGES AND PIVOTS:

A. EXTERIOR BUTTS SHALL BE STAINLESS STEEL. BUTTS ON ALL OUT SWINGING DOORS SHALL BE FURNISHED WITH NON-REMOVABLE PINS (NRP). B. INTERIOR BUTTS SHALL BE AS LISTED.

END OF SECTION 087000

D. INTERIOR OF IOS IN HEIGHT SHALL HAVE TWO (2) BUTTS. FURNISH ONE (1) ADDITIONAL BUTT FOR EACH 2'6' IN HEIGHT OR FRACTION THEREOF. DUTCH DOOR SHALL HAVE TWO (2) BUTTS PER LEAF. KEYING: A. ALL LOCKS AND CYLINDERS SHALL BE SCHLAGE EVEREST KEY SYSTEM, ALL BITTINGS SHALL BE ISSUED BY SCHLAGE LOCK, MATCHING EXISTING. B. PROVIDE TWO (2) EACH CHANGE KEYS PER LOCK AND SIX (6) EACH GRAND MASTER AND MASTER KEYS. ALL KEYS TO BE PATENT RESTRICTED.

## SECTION 092116 GYPSUM BOARD ASSEMBLIES

1.01 SECTION INCLUDES

1. INTERIOR GYPSUM WALLBOARD. 2. TILE BACKING PANELS. 3. NON-LOAD-BEARING STEEL FRAMING.

1.02 SUBMITTALS

A.SUBMIT MANUFACTURERS PRODUCT DATA IN ACCORDANCE WITH CONTRACT DOCUMENTS. B.CLEARLY INDICATE SPECIFIC PRODUCTS INTENDED FOR USE AND LOCATIONS FOR EACH PRODUCT

 1.03
 DELIVERY, STORAGE, AND HANDLING

 A.DELIVER MATERIALS IN ORIGINAL PACKAGES BEARING NAME OF MANUFACTURER OR

 SUPPLIER.

 B.STORE MATERIALS INSIDE AND KEEP DRY AND PROTECTED FROM WEATHER. STACK

GYPSUM PANELS FLAT TO PREVENT SAGGING **1.04 PROJECT CONDITIONS** 

A.ENVIRONMENTAL LIMITATIONS: COMPLY WITH ASTM C 840 REQUIREMENTS OR GYPSUM BOARD MANUFACTURER'S WRITTEN RECOMMENDATIONS, WHICHEVER ARE MORE STRINGENT. 2.01 MANUFACTURERS A. US GYPSUM

#### B. LA FARGE C. NATIONAL GYPSUM COMPANY

2.02 STEEL FRAMING A. STEEL FRAMING, GENERAL: COMPLY WITH ASTM C 754 FOR CONDITIONS INDICATED. 1.STEEL SHEET COMPONENTS: METAL COMPLYING WITH ASTM C 645 REQUIREMENTS. A. PROTECTIVE COATING:

 INTERIOR APPLICATIONS: MANUFACTURER'S STANDARD CORROSION-RESISTANT ZINC COATING.
 EXTERIOR APPLICATIONS: ASTM A 653/A 653M, G60 HOT-DIP GALVANIZED ZINC COATING.
 B.SUSPENDED CEILING AND SOFFIT FRAMING:

1.TIE WIRE: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.0625-INCH DIAMETER WIRE, OR DOUBLE STRAND OF 0.0475-INCH-DIAMETER WIRE. 2.HANGER ATTACHMENTS TO CONCRETE: A ANCHORS: FABRICATED FROM CORROSION-RESISTANT MATERIALS WITH HOLES OR LOOPS

FOR ATTACHING HANGER WIRES AND CAPABLE OF SUSTAINING, A LOAD EQUAL TO FIVE TIMES THAT IMPOSED BY CONSTRUCTION AS DETERMINED BY TESTING ACCORDING TO ASTM E 488 BY AQUALIFIED INDEPENDENT TESTING AGENCY. 1) TYPE: CAST-IN-PLACE ANCHOR, DESIGNED FOR ATTACHMENT TO CONCRETE FORMS. B. POWDER-ACTUATED FASTENERS: FABRICATED FROM CORROSION-RESISTANT MATERIALS,

WITH CLIPS OR OTHER DEVICES FOR ATTACHING HANGERS CAPABLE OF SUSTAINING, A LOAD EQUAL TO TEN (10) TIMES THAT IMPOSED BY CONSTRUCTION AS DETERMINED BY TESTING ACCORDING TO ASTM E 1190 BY A QUALIFIED INDEPENDENT TESTING AGENCY. 3. WIRE HANGERS: ASTM A 641/A 641 M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.162-DIAMETER.

4. ROD HANGERS: ASTM A 510 (ASTM A 510M), MILD CARBON STEEL, ¼-INCH DIAMETER WITH PROTECTIVE COATING: ASTM A 153/A 153M, HOT-DIP GALVANIZED.
5. CARRYING CHANNELS: COLD-ROLLED, COMMERCIAL-STEEL SHEET WITH A BASE METAL THICKNESS OF 0.0538 INCH, A MINIMUM ½-INCH-WIDE FLANGE, AND IN DEPTH INDICATED.
6. FURRING CHANNELS (FURRING MEMBERS):
A. COLD ROLLED CHANNELS: 0.0538-INCH BARE STEEL THICKNESS, WITH MINIMUM ½-INCH-

WIDE FLANGE, % INCH DEEP.
B. STEEL STUDS: ASTM C 645, IN DEPTH INDICATED.
1) MINIMUM BASE METAL THICKNESS: 0.0179 INCH. WITH DEPTH OF 1-5/8 INCHES, 2-1/2 INCHES, 3-5/8 INCHES. 6 INCHES.

7. HAT-SHAPED, RIGID FURRING CHANNELS: ASTM C 645, 7/8 INCH DEEP A. MINIMUM BASE METAL THICKNESS: 0.0179 INCH. 8. GRID SUSPENSION SYSTEM FOR INTERIOR CEILINGS: ASTM C 645, DIRECT-HUNG SYSTEM COMPOSED OF MAIN BEAMS AND CROSS-FURRING MEMBERS THAT INTERLOCK.

A. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING: 1)ARMSTRONG WORLD INDUSTRIES, INC.; FURRING SYSTEMS/DRYWALL 2)CHICAGO METALLIC CORPORATION

2.03 STEEL PARTITION AND SOFFIT FRAMING A. COMPONENTS 1.COMPLY WITH ASTM C 754 FOR CONDITIONS INDICATED.

2.STEEL SHEET COMPONENTS: COMPLYING WITH ASTM C 645 REQUIREMENTS FOR METAL AND WITH MANUFACTURER'S STANDARD CORROSION-RESISTANT ZINC COATING. B. STEEL STUDS AND RUNNERS: ASTM C 645. 1. MINIMUM BASE METAL THICKNESS: .0359 25GA. FOR STUD PARTITIONS UNDER 10'-0" IN HEIGHT, 20 GA. FOR STUD PARTITIONS ABOVE 10'-0" IN HEIGHT C. DEEP-LEG DEFLECTION TRACK: ASTM C 645 TOP RUNNER WITH 2-INCH-DEEP FLANGES. D. PROPRIETARY DEFLECTION TRACK: STEEL SHEET TOP RUNNER MANUFACTURED TO PREVENT

CRACKING OF GYPSUM BOARD APPLIED TO INTERIOR PARTITIONS RESULTING FROM DEFLECTION OF STRUCTURE ABOVE. 1. ACCEPTABLE PRODUCTS: A. DELTA STAR, INC., SUPERIOR METAL TRIM: SUPERIOR FLEX TRACK SYSTEM (SFT).

B. METAL-LITE, INC.; SLOTTED TRACK. E. PROPRIETARY FIRE-STOP TRACK: 1. ACCEPTABLE PRODUCTS

A.FIRE TRAK CORP.; FIRE TRAK B.METAL-LITE, INC.; THE SYSTEM.

F. FLAT STRAP AND BACKING PLATE: STEEL SHEET FOR BLOCKING AND BRACING TO SUPPORT WALL SUPPORTED EQUIPMENT. 1.MINIMUM BASE METAL THICKNESS: .0747, 14 GA. G. HAT-SHAPED, RIGID FURRING CHANNELS: ASTM C 645.

1.MINIMUM BASE METAL THICKNESS: 0.209 INCH. 2.DEPTH: 7/8 INCH, 1-1/2 INCHES. B. STEEL DRILL SCREWS: ASTM C 1002, UNLESS OTHERWISE INDICATED.

1.USE SCREWS COMPLYING WITH ASTM C 954 FOR FASTENING PANELS TO STEEL MEMBERS FROM 0.033 TO 0.112 INCH THICK. 2.FOR FASTENING CEMENTITIOUS BACKER UNITS, USE SCREWS AS RECOMMENDED BY PANEL MANUFACTURER.

 3.01
 NON-LOAD-BEARING STEEL FRAMING INSTALLATION

 A. GENERAL:
 COMPLY WITH ASTM C 754, AND ASTM C 840 REQUIREMENTS THAT APPLY TO FRAMING INSTALLATION.

 INSTALLATION.
 1.WHERE STUDS ARE INSTALLED DIRECTLY AGAINST EXTERIOR WALLS, INSTALL ISOLATION

STRIP BETWEEN STUDS AND WALL. 2. EXTEND PARTITION FRAMING FULL HEIGHT TO STRUCTURAL SUPPORTS OR SUBSTRATES ABOVE SUSPENDED CEILINGS, EXCEPT WHERE PARTITIONS ARE INDICATED TO TERMINATE AT SUSPENDED CEILINGS. CONTINUE FRAMING OVER FRAMES FOR DOORS AND OPENINGS AND FRAME AROUND DUCTS PENETRATINGPARTITIONS ABOVE CEILING TO PROVIDE SUPPORT FOR GYPSUM BOARD. 3. FRAME DOOR OPENINGS TO COMPLY WITH GA-600 AND WITH GYPSUM BOARD MANUFACTURER'S APPLICABLE WRITTEN RECOMMENDATIONS. UNLESS OTHERWISE

INDICATED. SCREW VERTICAL STUDS AT JAMBS TO JAMB ANCHOR CLIPS ON DOOR FRAMES; INSTALL RUNNER TRACK SECTION (FOR CRIPPLE STUDS) AT HEAD AND SECURE TO JAMB STUDS. A.INSTALL TWO STUDS AT EACH JAMB, UNLESS OTHERWISE INDICATED. B.EXTEND JAMB STUDS THROUGH SUSPENDED CEILINGS AND ATTACH TO UNDERSIDE OF

FLOOR OR ROOF STRUCTURE ABOVE. 4.FRAME OPENINGS OTHER THAN DOOR OPENINGS THE SAME AS REQUIRED FOR DOOR OPENINGS, UNLESS OTHERWISE INDICATED. INSTALL FRAMING BELOW SILLS OF OPENINGS TO MATCH FRAMING REQUIRED ABOVE DOOR HEADS. B. Z-FURRING MEMBERS: ERECT INSULATION VERTICALLY AND HOLD IN PLACE WITH Z-FURRING MEMBERS. SECTION 092116 GYPSUM BOARD ASSEMBLIES (CONTINUED)

1.UNTIL GYPSUM BOARD IS INSTALLED, HOLD INSULATION IN PLACE WITH 10-INCH STAPLES

DRILL SCREWS. F. MULTILAYER FASTENING METHODS: FASTEN BASE LAYERS AND FACE LAYERS SEPARATELY TO SUPPORTS WITH SCREWS. G. EXTERIOR CEILINGS AND SOFFITS: APPLY EXTERIOR GYPSUM PANELS WITH END JOINTS STAGGERED AND LOCATED OVER SUPPORTS AND FASTEN WITH CORROSION-RESISTANT SCREWS.

H. TILE BACKING PANELS: 1.WATER-RESISTANT GYPSUM BACKING BOARD: INSTALL WITH ¼-INCH GAP WHERE PANELS ABUT OTHER CONSTRUCTION OR PENETRATIONS. 2.CEMENTITIOUS BACKER UNIT APPLICATION: ANSI A108.11.

 A. TREAT GYPSUM BOARD JOINTS, INTERIOR ANGLES, EDGE TRIM, CONTROL JOINTS, PENETRATIONS, FASTENER HEADS, SURFACE DEFECTS, AND ELSEWHERE AS REQUIRED TO PREPARE GYPSUM BOARD SURFACES FOR FINISHING.
 1. PRE-FILL OPEN JOINTS, ROUNDED OR BEVELED EDGES, AND DAMAGED SURFACE AREAS.
 2. APPLY JOINT TAPE OVER GYPSUM BOARD JOINTS, EXCEPT THOSE HAVING FLANGES NOT INTENDED FOR TAPE

3.GLASS-MAT GYPSUM SHEATHING BOARD: FINISH ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS FOR USE AS EXPOSED SOFFIT BOARD. 4.GLASS-MAT, WATER-RESISTANT BACKING PANELS: FINISH ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. B. CEMENTITIOUS BACKER UNITS: FINISH ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. END OF SECTION 092116

COLD-FORMED METAL FRAMING FOR WALLS, BRIDGING, BRACING, CLIPS AND OTHER ACCESSORIES REQUIRED FOR A COMPLETE JOB. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL. ACCEPTABLE MANUFACTURER, METAL FRAMING: CLARK DIETRICH OR EQUAL MANUFACTURER'S STANDARDS AND RECOMMENDATIONS ARE TO BE FOLLOWED IN ADDITION TO REQUIREMENTS BELOW.

DRYWALL STUDS AND TRACK: GENERAL REQUIREMENTS:

SECTION 092216.13 METAL STUD FRAMING

FINISHING

3.02

DHYSICAL PROPERTIES AND LOAD TABLES HAVE BEEN CALCULATED IN CONFORMANCE WITH THE 2007 NASPEC FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, UNLESS NOTED OTHERWISE DRYWALL FRAMING MEMBERS HAVE A PROTECTIVE COATING CONFORMING TO ASTM SPEC A 653/A 653M, G-40 MIN, OR EQUIVALENT CORROSION RESISTANCE. DRYWALL FRAMING MEMBERS ARE MARKED WITH PRODUCT INFORMATION PER THE REQUIREMENTS OF ASTM C 645 SECTION 14. DRYWALL FRAMING, NONSTRUCTURAL: 4-1/2-INCH-WIDE X LENGTH 25-GAUGE (NOT PERMITTED IN LOAD

BEARING, AXIAL LOAD GREATER THAN 200 LBS OR EXTERIOR APPLICATIONS WITH A TRANSVERSE LOAD GREATER THAN 10 PSF. REFERENCE ASTM C 645 SECTION 3.2.2) STUDS: SPACING SHALL BE 16" CC UNLESS OTHERWISE NOTED. JAMB AND HEADER SYSTEM: JAMB AND HEADER SYSTEM. COLD-FORMED GALVANIZED STEEL STUDS WITH

PUNCHOUTS FOR PLUMBING AND WIRING INSTALLATIONS. FURRING CHANNEL: FURRING CHANNEL FOR FURRING MASONRY WALLS AND CEILING ASSEMBLIES OR IN ANY OTHER TYPICAL WALL FURRING OR CROSS-FURRING OR FRAMING IN ACCORDANCE WITH MFR'S RECOMMENDATIONS. FLANGE WIDTH: AS INDICATED ON DRAWINGS.

WALL FRAMING: ERECT FRAMING AND PANELS PLUMB, LEVEL AND SQUARE IN STRICT ACCORDANCE WITH THE DRAWINGS AND THE APPROVED SHOP DRAWINGS. HANDLE AND LIFT PREFABRICATED PANELS IN A MANNER SO AS NOT TO CAUSE DISTORTION IN ANY MEMBER.

ANCHOR RUNNER TRACK SECURELY TO THE SUPPORTING STRUCTURE. INSTALL CONCRETE ANCHORS ONLY AFTER FULL COMPRESSIVE STRENGTH HAS BEEN ACHIEVED. PROVIDE A SILL SEALER OR GASKET BARRIER BETWEEN ALL CONCRETE AND STEEL CONNECTIONS. BUTT ALL TRACK JOINTS. SECURELY ANCHOR ABUTTING PIECES OF TRACK TO A COMMON STRUCTURAL

ELEMENT OR BUTT-WELD OR SPLICE THEM TOGETHER. ALIGN AND PLUMB STUDS, AND SECURELY ATTACH TO THE FLANGES OR WEBS OF BOTH UPPER AND LOWER TRACKS EXCEPT WHEN VERTICAL MOVEMENT IS SPECIFIED.

FRAME WALL OPENINGS TO INCLUDE HEADERS AND SUPPORTING STUDS AS SHOWN IN THE DRAWINGS. COORDINATE ERECTION OF STUDS WITH REQUIREMENTS OF DOOR FRAMES, WINDOW FRAMES, AND OTHER SIMILAR OPENINGS. INSTALL JACK STUDS OR CRIPPLES BELOW WINDOW SILLS, ABOVE WINDOW AND DOOR HEADS, AT

FREESTANDING STAIR RAILS AND ELSEWHERE TO FURNISH SUPPORT, SECURELY ATTACHED TO SUPPORTING MEMBERS. ATTACH WALL STUD BRIDGING IN A MANNER TO PREVENT STUD ROTATION. SPACE BRIDGING ROWS

ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. COORDINATE INSTALLATION OF WOOD BUCKS, ANCHORS, AND WOOD BLOCKING WITH ELECTRICAL AND MECHANICAL WORK TO BE PLACED WITHIN OR BEHIND STUD FRAMING.

PROVIDE TEMPORARY BRACING UNTIL ERECTION IS COMPLETED. MAINTAIN CLEARANCE UNDER STRUCTURAL BUILDING MEMBERS TO AVOID DEFLECTION TRANSFER TO STUDS. INSTALL EXTENDED LEG CEILING RUNNERS. COORDINATE PLACEMENT OF INSULATION IN STUD SPACES AFTER STUD FRAME ERECTION.

END OF SECTION 092216.13

SECTION 095100 ACOUSTICAL CEILINGS

C 636

IPLY WITH GOVERNING LAWS AND BUILDING CODES AS WELL AS TO CISCA HANDBOOK AND ASTM

1.02TESTSB. BURNING CHARACTERISTICS: PROVIDE MATERIALS WHOSE SURFACE BURNING CHARACTERISTICS,<br/>WHEN TESTED IN COMPLIANCE WITH ASTM E 84 ARE CLASS A.

1.03SHOP DRAWINGSA. SUBMIT MANUFACTURERS PRODUCT DATA IN ACCORDANCE WITH CONTRACT DOCUMENTS.B. CLEARLY INDICATE SPECIFIC PRODUCTS FOR USE IN EACH ROOM OR SPACE.

1.04 PRODUCT DELIVERY, STORAGE AND HANDLING A. DELIVER MATERIALS IN ORIGINAL PACKAGES, BEARING MANUFACTURER'S NAME, BRAND NAMES, TYPE

OF MATERIAL. B. STORE MATERIALS IN VENTILATED INTERIOR SPACES, ABOVE FLOORS, UNDER COVER, AWAY FROM ANY DAMP SURFACES. 2.01 SUSPENSION SYSTEM

A. SUSPENSION SYSTEM: PROVIDE MANUFACTURERS COMMERCIAL QUALITY COLD-ROLLED, ELECTRO-GALVANIZED STEEL GRID SYSTEM, COMPLYING WITH ASTM C 635 FOR "INTERMEDIATE-DUTY SYSTEM". PROVIDE GRID MODULES TO MATCH CEILING PANEL SIZES. PROVIDE MANUFACTURER'S STANDARD WHITE BAKED ENAMEL FINISH ON EXPOSED SURFACES 9/16 INCH GRID FACE UNLESS OTHERWISE INDICATED. 1.CHICAGO METALLIC CORPORATION

## USG INTERIORS, INC. NATIONAL ROLLING MILLS TECHNICAL CEILING SYSTEMS

B. ATTACHMENT DEVICES: PROVIDE ATTACHMENT DEVICES SIZED FOR FIVE TIMES DESIGN LOAD INDICATED BY ASTM C 635, TABLE 1, FOR DIRECT HUNG, C. HANGER WIRE: ASTM A 641, GALVANIZED, SOFT TEMPER, PRESTRETCHED, CLASS 1 COATING, MINIMUM 12 GAGE. SIZE WIRE SO THAT STRESS AT THREE TIMES HANGER DESIGN LOAD GIVEN IN ASTM C 635, TABLE 1, DIRECT HUNG, WILL BE LESS THAN THE YIELD STRESS OF THE WIRE. D. MOLDINGS AND TRIM: PROVIDE MANUFACTURER'S STANDARD PROFILES TO SUIT EDGE CONDITIONS, PANEL PROFILE AND PENETRATIONS. PROVIDE CUSTOM FABRICATED WORK AS REQUIRED TO PROVIDE EXACT FIT.

2.02 ACOUSTICAL PANELS A. PROVIDE ARMSTRONG "DUNE" 2X2 ACOUSTIC TILES UNLESS OTHERWISE NOTED B. HOLD DOWN CLIPS: AT ENTRANCES AND WHERE HOLD DOWN CLIPS ARE REQUIRED, PROVIDE MANUFACTURER'S STANDARD 'HOLD DOWN' CLIP.

3.01 INSPECTION A. THE INSTALLER SHALL EXAMINE THE EXISTING FIELD CONDITIONS AND NOTIFY CONTRACTOR IN WRITING, OF CONDITIONS DETRIMENTAL TO PROPER COMPLETION OF THE WORK. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS ARE CORRECTED. BEGINNING WORK MEANS INSTALLER ACCEPTS SUBSTRATES AND CONDITIONS.

3.02 PREPARATION AND INSTALLATION – GENERAL A. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS. B. CONDITION ACOUSTICAL CEILING MATERIALS TO TEMPERATURE AND HUMIDITY WHICH APPROXIMATE THOSE THAT WILL BE PRESENT WHEN SPACES ARE OCCUPIED BY UNPACKING AND SEPARATING MATERIAL 24 HOURS PRIOR TO INSTALLATION. C. COORDINATE INSTALLATION TO ENSURE PROPER LOCATIONS OF OTHER WORK SUCH AS LIGHT FIXTURES, MECHANICAL FIXTURES AND FIRE PROTECTION SYSTEMS. D. LAYOUT: MEASURE EACH AREA AND LAYOUT CEILINGS TO BALANCE PANEL WIDTHS ON OPPOSITE EDGES OF EACH CEILING IN BOTH DIRECTIONS. AVOID USE OF LESS THAN ½ WIDTH CEILING UNITS.

EDGES OF EACH CEILING IN BOTH DIRECTIONS. AVOID USE OF LESS THAN ½ WIDTH CEILING UNITS. FOLLOW LAYOUTS ON PLANS. E. FINISH ACOUSTICAL CEILINGS SHALL BE LEVEL TO WITHIN 1/8 IN. IN 10 FT. WITH TOTAL ACCUMULATED ERROR NOT TO EXCEED ½ IN. F. USE WHITE, CLEAN GLOVES WHEN HANDLING CEILING MATERIALS.

 3.03 HANGERS
 A. LOOPING OVER BOTTOM WEB OF JOISTS AND TWIST FREE END THREE TIMES AROUND HANGER.
 B. SECURE HANGERS TO METAL DECK BY LOOPING THROUGH STAMPED HANGER TABS IN DECKING, AND TWISTING FREE ENDS THREE TIMES AROUND WIRE.
 C. LOCATE HANGERS TO ADEQUATELY SUPPORT CEILING SYSTEM AND OTHER SUSPENDED FIXTURES.
 D. WHERE SIZE OF DUCTS PREVENTS STANDARD SPACING OF HANGERS, PLACE MAIN RUNNERS CLOSER OGETHER TO PROVIDE BETTER SPANNING ABILITY; WHERE THIS CANNOT BE ACCOMPLISHED, PROVIDE TWO INCH HOT ROLLED STEEL CHANNEL SPACED AS REQUIRED, SUSPENDED AT EACH SIDE OF DUCT TO BRIDGE DUCT TO ALLOW STANDARD SPACING OF HANGERS.
 E.PROVIDE ADDITIONAL HANGERS AT GRID MEMBERS SUPPORTING LIGHT FIXTURES. LOCATE ADDITIONAL HANGERS WITHIN 6 INCHES OF FIXTURE CORNERS SO THAT GRID MEMBERS REMAIN RIGID AND LEVEL AFTER FIXTURES ARE INSTALLED

3.04 SUSPENSION SYSTEM
A. INSTALL IN ACCORD WITH ASTM C636. INSTALL SUSPENSION SYSTEM TO A TOLERANCE OF 1/8 INCH IN 12 FEET.
B. SUPPORT MAIN RUNNERS DIRECTLY FROM HANGERS; DO NOT BEAR ON WALLS AND PARTITIONS.
C. STRUTS: IN FIRE RATED CEILING ASSEMBLIES, IN ADDITION TO HANGERS, INSTALL ONE STRUT FOR EACH64 SQUARE FEET OF CEILING AREA. ATTACH STRUTS TO OVERHEAD STRUCTURE AND MAIN

D. INSTALL ANGLE MOULDING AS INDICATED AT PERIMETERS OF ACOUSTICAL PANEL CEILINGS IN ACCORD WITH THE FOLLOWING: 1. AT METAL STUD AND METAL FURRED AREAS, SECURE MOULDINGS WITH SELF-TAPPING SHEET METAL SCREWS DRIVEN INTO STUDS OR FURRING AT 24 INCHES ON CENTER MAXIMUM. 2. AT CONCRETE AREAS AND MASONRY AREAS SECURE MOULDINGS WITH SCREWS IN ACCEPTED SHIELDS AT 24 INCHES ON CENTER MAXIMUM E. INSTALL MITER MOULDING AT BREAKS IN ACOUSTICAL PANEL CEILINGS. SECURE WITH POP BLIND RIVETS TO SUSPENDED TEES.

 3.05 ACOUSTICAL PANELS
 A. ACCURATELY FIT ACOUSTICAL PANELS IN SUSPENSION SYSTEM. CUT PANELS AS REQUIRED TO FIT ABUTTING SURFACES.
 B. AT CEILING BREAKS, SECURE PANELS IN VERTICAL GRID MEMBERS WITH SPRING TYPE HOLD DOWN CLIPS.
 C. INSTALL ACOUSTICAL PANELS IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.

3.06 CLEANING A. PROTECT THE WORK OF OTHER TRADES AND WORK OF THIS SECTION ALREADY INSTALLED AGAINST SOILING AND DAMAGE. REPAIR OR REPLACE ANY WORK SO DAMAGED OR SOILED. END OF SECTION 095100 A. PROVIDE PAINTING AND FINISHING WORK THROUGHOUT INTERIOR AND EXTERIOR OF PROJECT AS INDICATED AND SCHEDULED ON THE MATERIAL AND COLOR SCHEDULE. B. EXAMINE CONTRACT DOCUMENTS TO DETERMINE FULL EXTENT OF PAINTING AND FINISHING WORK REQUIRED. MATERIALS PROVIDED UNDER OTHER SECTIONS THAT NEED PAINTING OR FINISHING, SHALL BE PAINTED AND FINISHED TO UNDER WORK OF THIS SECTION, UNLESS SPECIFICALLY SCHEDULED HEREIN TO BE LEFT UNFINISHED. C. PREPARATORY WORK OF SURFACES TO RECEIVE PAINT SHALL BE INCLUDED AS WORK OF THIS SECTION.

## 1.02 SUBMITTALS

A. SUBMIT FOR REVIEW, PRODUCT DATA, INCLUDING PAINT LABEL ANALYSIS AND APPLICATION INSTRUCTIONS, VOC INFORMATION FOR EACH PRODUCT PROPOSED. B. A MINIMUM OF 15 DAYS PRIOR TO INITIATING THIS WORK, SUBMIT TO ARCHITECT FOR COLOR SELECTION AND REVIEW, MANUFACTURER'S FULL RANGE OF STANDARD COLOR CHIPS (COLORS SELECTED BY ARCHITECT MAY NOT NECESSARILY BE MANUFACTURER'S STANDARD COLORS).

1.03QUALITY ASSURANCE1. PREPARATION AND WORKMANSHIP: COMPLY WITH REQUIREMENTS IN "MPI ARCHITECTURAL PAINTING<br/>SPECIFICATION MANUAL" FOR PRODUCTS AND PAINT SYSTEMS INDICATED.B. SOURCE: PROVIDE PRIMERS AND UNDERCOAT PAINT PRODUCED BY SAME MANUFACTURER OF FINISH<br/>COATS FOR EACH SUBSTRATE.C. MOCK-UPS: PRIOR TO COMMENCING WORK OF THIS SECTION, PROVIDE 100 SQ. FT. MOCK-UPS OF<br/>EACH COLOR, PAINT SYSTEM, AND SUBSTRATE AT LOCATIONS ACCEPTABLE TO THE ARCHITECT.D. MAINTAIN INDOOR TEMPERATURE AT MINIMUM 650 F DURING APPLICATION AND DRYING OF PAINTS.

#### 1.04 MAINTENANCE PAINT A. FURNISH OWNER WITH ADDITIONAL THREE-PERCENT (3%), BUT NOT LESS THAN ONE (1) GALLON OF

EACH MATERIAL AND COLOR APPLIED. **1.05 DELIVERY, STORAGE, AND HANDLING** A. DELIVER MATERIALS TO PROJECT SITE IN MANUFACTURER'S ORIGINAL, UNOPENED PACKAGES AND

#### 1.06 SPECIAL PROTECTION A. USE ALL MEANS NECESSARY TO PROTECT PAINT MATERIALS BEFORE, DURING AND AFTER APPLICATION AND TO PROTECT THE INSTALLED WORK AND MATERIALS OF ALL OTHER TRADES.

## 2.01 PAINT, MATERIALS

CONTAINERS.

A.VOC CONTENT OF FIELD-APPLIED INTERIOR PAINTS AND COATINGS: PROVIDE PRODUCTS THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT (THESE REQUIREMENTS DO NOT APPLY TO PAINTS AND COATINGS THAT ARE APPLIED IN A FABRICATION OR FINISHING SHOP):

1. FLAT PAINTS, COATINGS, AND PRIMERS: VOC CONTENT OF NOT MORE THAN 50 G/L.
 2. NONFLAT PAINTS, COATINGS, AND PRIMERS: VOC CONTENT OF NOT MORE THAN 150 G/L.
 3. ANTI-CORROSIVE AND ANTI-RUST PAINTS APPLIED TO FERROUS METALS: VOC NOT MORE
THAN 250 G/L.
 4. FLOOR COATINGS: VOC NOT MORE THAN 100 G/L

## 5. SHELLACS, CLEAR: VOC NOT MORE THAN 100 G/L.

 6. SHELLACS, PIGMENTED: VOC NOT MORE THAN 550 G/L.
 7. AROMATIC COMPOUNDS: PAINTS AND COATINGS SHALL NOT CONTAIN MORE THAN 1.0
 PERCENT BY WEIGHT OF TOTAL AROMATIC COMPOUNDS (HYDROCARBON COMPOUNDS CONTAINING ONE OR MORE BENZENE RINGS).
 8. RESTRICTED COMPONENTS: PAINTS AND COATINGS SHALL NOT CONTAIN ANY OF THE FOLLOWING:
 A. ACROLEIN, ACRYLONITRILE, ANTIMONY, BENZENE, BUTYL BENZYL PHTHALATE, CADMIUM, DI (2-ETHYLHEXYL) PHTHALATE, DI-N-BUTYL PHTHALATE, DI-N-OCTYL PHTHALATE, 1,2-DICHLOROBENZENE, DIETHYL PHTHALATE, DIMETHYL PHTHALATE, ETHYLBENZENE, FORMALDEHYDE, HEXAVALENT CHROMIUM, ISOPHORONE, LEAD, MERCURY, METHYL ETHYL KETONE, METHYL ISOBUTYL KETONE, METHYLENE CHLORIDE, NAPHTHALENE, TOLUENE (METHYLBENZENE).
 1,1,1-TRICHLOROETHANE, VINYL CHLORIDE.
 B. COLORS: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.

#### 2.02 MANUFACTURERS 1. PPG INDUSTRIES, INC. (PITTSBURGH PAINTS)...(412)434-3131) ...WWW.PPG.COM.

2. BENJAMIN MOORE & CO. (BENJAMIN MOORE) (888)236-6667 <u>WWW.BENJAMIN</u>MOORE.COM 3. SHERWIN WILLIAMS CO. (SHERWIN-WILLIAMS) (216) 566-000.WWW.SHERWINWILLIAMS.COM A. MATERIAL COMPATIBILITY: PROVIDE BLOCK FILLERS, PRIMERS, AND FINISH-COAT MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH THE SUBSTRATES INDICATED.

A. SHOP PRIMED SURFACES NEED NOT RECEIVE A FIELD PRIME COAT, EXCEPT FOR TOUCH-UP WHERE NECESSARY. FEATHER OUT EDGES TO MAKE TOUCH-UP PAINT INCONSPICUOUS. B. REMOVE ALL RUST, SCALE AND LOOSE SHOP PAINT FROM METAL WORK BY WIRE BRUSHING OR SANDING AND PRIME BASE METAL BEFORE PROCEEDING WITH FINISH COATS. C. SPOT PRIME ALL EXPOSED SCREW HEADS, NAILS AND OTHER METALS WHICH ARE TO BE PAINTED WITH EMULSION PAINTS, USING A PRIMER RECOMMENDED BY THE MANUFACTURER OF THE PAINT SYSTEM.

#### 3.02 APPLICATION A. APPLY PAINT EVENLY, UNDER ADEQUATE ILLUMINATION, FREE FROM SAGS, RUNS, HOLIDAYS, CRAWLS

AND OTHER DEFECTS. B. APPLY EACH COAT OF PAINT AT PROPER CONSISTENCY AS RECEIVED FROM CONTAINER AND BRUSH OUT WELL TO SHOW A MINIMUM OF BRUSH MARKS. C. DO NOT EXCEED AVERAGE RATE OF COVERAGE RECOMMENDED BY PAINT MANUFACTURER. MINIMUM DRY FILM THICKNESS PER COAT SHALL <u>NOT BE LESS</u> THAN THAT RECOMMENDED BY MANUFACTURER. D. REFINISH A WHOLE WALL WHERE A PORTION OF FINISH HAS BEEN DAMAGED OR IS UNSATISFACTORY, DUE TO WORK OF THIS SECTION. SO NOT SPOT REFINISH. E. MINIMUM DRYING TIME SHALL NOT BE LESS THAN THAT RECOMMENDED BY PAINT MANUFACTURER.. F. IF NOT PREFINISHED, SEAL, PRIME AND FINISH TOPS, BOTTOMS, EDGES AND CUTOUTS OF DOORS, INCLUDING CASEWORK DOORS. TO MATCH COLOR OF DOORS OF UPSTORS

INCLUDING CASEWORK DOORS, TO MATCH COLOR OF DOOR SURFACES. G. FINISH CLOSETS AND ALCOVES AS SPECIFIED FOR ADJOINING ROOMS. H. FINISHED WORK SHALL BE UNIFORM AS TO SHEEN, GLOSS, COLOR AND TEXTURE. I. KEEP SPRINKLER HEADS FREE OF PAINT. REPLACE PAINT SPATTERED OR COATED SPRINKLER HEADS. J. REMOVE GRILLES, COVERS AND ACCESS PANELS FOR MECHANICAL AND ELECTRICAL SYSTEMS FROM LOCATION AND PAINT SEPARATELY, IF THESE ITEMS ARE NOT FACTORY FINISHED. PAINT WORK TO

MATCH ADJACENT WALLS AND CEILINGS, UNLESS DIRECTED OTHERWISE. K. PAINT INTERIOR SURFACES OF DUCTS, WHICH ARE VISIBLE THROUGH GRILLES AND LOUVERS, WITH PRIMER AND ONE COAT OF FLAT BLACK METAL PAINT TO LIMIT OF SIGHT LINE. L. PAINT BOTH SIDES AND ALL EDGES OF PLYW OOD BACKBOARDS FOR TELEPHONE AND ELECTRICAL EQUIPMENT BEFORE INSTALLATION OF BACKBOARDS. PAINT CONDUITS, MOUNTING ACCESSORIES AND OTHER UNFINISHED ITEMS.

#### 3.03 SURFACE FINISHES A. PRIME AND FINISH PAINT ALL SURFACES EXPOSED-TO-VIEW INCLUDING, BUT NOT LIMITED TO,

WOODWORK, DOORS, FRAMES, GLAZING STOPS, WALLS AND CEILINGS, HANGERS, SUPPORTS, STRUCTURAL STEEL, MISCELLANEOUS STEEL, MECHANICAL AND ELECTRICAL SERVICES, MATERIALS AND EQUIPMENT. DO NOT PAINT METALS AND PREFINISHED MATERIALS AS SPECIFIED IN ARTICLE 3.03 APPLICATION.

## 3.04 SPECIAL CLEANING

A. CLEAN OFF ANY PAINT SPOTTING OR BLEMISHES FROM WORK NOT INTENDED TO RECEIVE PAINTING TREATMENT AND LEAVE WORK IN ORIGINAL CONDITION.ENTIRELY REINSTATE, AT THIS SECTION'S OWN EXPENSE, ANY SURFACE NOT TO BE PAINTED, BUT SOILED AND ATTRIBUTABLE TO THIS SECTION DUE TO SPILLAGE, MIXING OF MATERIAL OR ANY OTHER CAUSE. END OF SECTION 099000

## SECTION 100610.16 INTERIOR SIGNAGE:

ALL SIGNAGE SHALL CONFORM TO FEDERAL ADA REQUIREMENTS AND 2020 7TH EDITION FLORIDA BUILDING CODE. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL. INTERIOR SIGNAGE OF THE FOLLOWING TYPES: 1. ADA COMPLIANT INTERIOR ROOM IDENTIFICATION SIGNAGE 1 SIGN PER DOOR 2. INTERIOR SIGNAGE PLAQUE MODULES PROVIDE 6 MODULES FOR DONOR RECOGNITION. ICC/ANSI A117.1 - ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES; 1998. USATBCB - AMERICANS WITH DISABILITIES ACT (ADA), ACCESSIBILITY GUIDELINES FOR

BUILDINGS AND FACILITIES (ADAAG). SUBMITTALS: SUBMIT UNDER PROVISIONS OF THE CONTRACT GENERAL CONDITIONS. INCLUDING:

#### MANUFACTURER'S DESCRIPTIVE LITERATURE. INSTALLATION METHODS. SHOP DRAWINGS: LIST SIGN STYLES, LETTERING, LOCATIONS AND DIMENSIONS OF EACH

INTERIOR SIGN. SELECTION SAMPLES: FOR EACH FINISH PRODUCT SPECIFIED, TWO COMPLETE SETS OF COLOR CHIPS REPRESENTING MANUFACTURER'S FULL RANGE OF AVAILABLE COLORS AND PATTERNS. VERIFICATION SAMPLES: TWO FULL SIZE SAMPLES, REPRESENTING TYPE, STYLE AND COLORS INCLUDING METHOD OF ATTACHMENT PROJECT CONDITIONS

MAINTAIN ENVIRONMENTAL CONDITIONS (TEMPERATURE, HUMIDITY, AND VENTILATION) WITHIN LIMITS RECOMMENDED BY MANUFACTURER FOR OPTIMUM RESULTS. DO NOT INSTALL PRODUCTS UNDER ENVIRONMENTAL CONDITIONS OUTSIDE MANUFACTURER'S ABSOLUTE LIMITS. ACCEPTABLE MANUFACTURER: INTERFACE ARCHITECTURAL SIGNAGE, INC.

SIGNATURE SERIES. PLAQUE MODULES: FLUSH MODULAR FRAMES WITH FLUSH MODULAR INSERTS. MODULE: STYLE/OVERALL SIZE: MODULE 3.7; 2.25 BY 7 INCHES (57 BY 177 MM). LETTER COLOR: BY ARCHITECT

- SIGN COLOR: BY ARCHITECT CORNERS: RADIUS
- MOUNTING: FLAT SURFACE MOUNT ADA OPTIONS: BRAILLE TO COMPLY

CONSTRUCTION GENERAL: PLAQUES AND SECONDARY DIRECTORIES: ROUTED 1/8 INCH (3 MM) THICK STYRENE BACKPLATE WITH A LASER CUT 1/16 INCH (1.6 MM) THICK NON-GLARE ACRYLIC POLISHED EDGE FACEPLATE. FACEPLATE IS REVERSE SCREENED USING NAZDAR 9700 SERIES SCREEN PRINT INK. BACKPLATE IS ASSEMBLED TO THE FACEPLATE WITH 3M VHB DOUBLE SIDED FOAM TAPE .05 INCH (1.3 MM) THICK IN VARIOUS WIDTHS.

WALL MOUNTS, DOOR BANDS AND DOOR TAGS REVERSE PAINTED 1/16 INCH (1.6 MM) THICK NON-GLARE LASER CUT ACRYLIC WITH POLISHED EDGE. PAINTED WITH MATTHEWS ACRYLIC POLYURETHANE PAINTS. LAMINATED ON THE REVERSE SIDE WITH 1 MIL CLEAR POLYESTER OVER LAMINATING FILM WITH ADHESIVE. SURFACE APPLIED HIGH PERFORMANCE VINYL COPY. MOLINTS:

STANDARD PERPENDICULAR MOUNT: FRAMES: CNC ROUTED 1/8 INCH (3 MM) THICK STYRENE BACKPLATE WITH A LASER CUT 1/16 INCH (1.6 MM) NON-GLARE ACRYLIC POLISHED EDGE FACEPLATE. FACEPLATE IS REVERSE SCREENED USING NAZDAR 9700 SERIES SCREEN PRINT INK. BACKPLATE IS ASSEMBLED TO FACEPLATE WITH 3M VHB DOUBLE SIDED TAPE OF APPROXIMATELY .05 INCH (1.3 MM) THICKNESS IN VARIOUS WIDTHS. MOUNTING INCLUDES T-SHAPED ALUMINUM EXTRUSION PAINTED BLACK AND R-TITE RIVETS OR POST BINDING SCREWS

VINYL INSERTS AND MAIN DIRECTORY STRIPS: MAIN DIRECTORY STRIPS: ROUTED 1/16 INCH (1.6 MM) THICK STANDARD GRADE LAMINATE OR LASER CUT 1/16 INCH (1.6 MM) THICK BACK SPRAYED ACRYLIC USING MATTHEWS POLYURETHANE ACRYLIC PAINTS WITH SURFACE APPLIED HIGH PERFORMANCE VINYL COPY. ACRYLIC STRIPS ARE LAMINATED ON THE REVERSE SIDE WITH 1 MIL CLEAR POLYESTER OVER LAMINATING FILM. STRIPS HAVE 1/2 INCH (12.5 MM) OR 3/4 INCH (102 MM) WIDE BLACK MAGNETIC TAPE APPLIED TO BACK FOR MOUNTING. INNERDOT: 1/16 INCH (1.6 MM) DIAMETER CLEAR ACRYLIC RASTER PLACED IN WHOLES DRILLED TO 1/32

INCH (.08 MM) DEEP IN FACEPLATE. RAISED CHARACTERS ARE 1/32 INCH (.08 MM) STYRENE OR 1/32 INCH (.08 MM) THICK SIGN PRODUCTS MOLDED PLASTIC LETTERS PAINTED WITH MATTHEWS POLYURETHANE ACRYLIC PAINTS DEPENDING ON COLOR. CHARACTERS ADHERED TO FACEPLATE WITH IPS WELD-ON #4. SINGLE UNITS: PROCESSED PHOTOPOLYMER, .035 INCH (.08 MM) THICK ON .024 INCH (.04 MM) THICK ALUMINUM BACKER, HAND ROUTED TO SIZE. SURFACE IS PRIMED WITH PG EPOXY PRIMER AND PAINTED WITH MATTHEWS POLYURETHANE ACRYLIC PAINT. RAISED AREAS OF THE PAINTED

PHOTOPOLYMER ARE SCREENED WITH NAZDAR SYSTEM 2 SCREEN PRINT INK. FINISHED SINGLE UNIT FACE IS ATTACHED TO 1/8 INCH (3 MM) THICK BLACK STYRENE BACKPLATE OF THE SAME SHAPE WITH 3M ISOTEC ADHESIVE. STANDARD MOUNTING SYSTEMS:

PARTITION CLIPS U-SHAPED 1/8 INCH (3 MM) THICK CLEAR ACRYLIC CUT AND SHAPED TO CUSTOMERS' SPECIFICATIONS.

## TOILET PARTITIONS & SCREENS:

FABRICATED FROM EXTRUDED ALUMINUM

MANUFACTURERS: DOCUMENTS ARE BASED ON ECLIPSE BY SCRANTON PRODUCTS (FLOOR MOUNTED).

DOORS, PANELS AND PILASTERS: HIGH DENSITY POLYETHYLENE (HDPE), FABRICATED FROM EXTRUDED POLYMER RESINS, FORMING SINGLE THICKNESS PANEL. WATERPROOF AND NONABSORBENT, WITH SELF-LUBRICATING SURFACE, RESISTANT TO MARKS BY PENS, PENCILS, MARKERS, AND OTHER WRITING INSTRUMENTS. 1 INCH THICK WITH EDGES ROUNDED TO 1/4 INCH RADIUS.

RECYCLED CONTENT: MINIMUM [25] PERCENT. FIRE HAZARD CLASSIFICATION: NOT REQUIRED COLOR: TO BE SELECTED FROM MANUFACTURER'S FULL COLOR RANGE.

ALUMINUM EXTRUSIONS: TO COMPLY WITH ASTM B221, 6463-T5 ALLOY AND TEMPER. ALUMINUM DIE CASTINGS: TO COMPLY WITH ASTM B85, A380 ALLOY.

## HINGES:

DOOR KEEPER

INSWING HINGES: A. HIDDEN PIVOT TYPE FABRICATED FROM HEAVY-DUTY CAST ALUMINUM. B. AUTO-CLOSE FEATURE, ADJUSTABLE TO 15 DEGREE OPEN POSITION

C. MOUNTED TO DOORS WITH STAINLESS STEEL TORX HEAD SCREWS AND THROUGH BOLTED TO METAL POST WITH TAMPER PROOF TORX HEAD SEX BOLTS. D. HINGE PIVOT POINT: 6 TO 8 INCHES FROM EDGE OF DOOR; MAINTAIN SUFFICIENT CLEARANCE TO WATER CLOSET. OUTSWING HINGES:

AUTO-CLOSE FEATURE, ADJUSTABLE TO 15 DEGREE OPEN POSITION. SURFACE MOUNTED TO DOORS WITH STAINLESS STEEL TORX HEAD SCREWS AND FASTENED TO METAL POSTS WITH COUNTERSUNK TAMPER PROOF SCREWS. PROVIDE FOR FIELD ADJUSTMENT OF PLUS OR MINUS 0.125 INCH LATERALLY AND PLUS OR MINUS 0.125 INCH VERTICALLY.

 3.5 INCHES LONG, FABRICATED FROM HEAVY DUTY EXTRUDED ALUMINUM, CLEAR ANODIZED FINISH.
 MOUNT IN GAP BETWEEN DIVIDING PANEL AND DOOR. PRIVACY BY DESIGN TOILET COMPARTMENTS & SCREENS | ECLIPSE® PARTITIONS | SPECIFICATIONS & DRAWINGS
 SLIDE BOLT AND BUTTON: BLACK ANODIZED FINISH.

COAT HOOK/BUMPER: COMBINATION TYPE, CHROME PLATED ZAMAK.

DOOR PULLS [AND PUSH PLATES]: 1. HEAVY DUTY EXTRUDED ALUMINUM, CLEAR ANODIZED FINISH. 2. SINGLE COMPONENT PROVIDING DOOR PULL CAPABILITY ON OUTSWING DOORS. COMPONENTS 3. DIVIDING PANELS: SLOTTED ON ONE EDGE TO ACCEPT WALL BRACKET.

DOORS AND DIVIDING PANELS: 1. 62 INCHES HIGH, MOUNTED 8 TO 14 INCHES ABOVE FINISHED FLOOR. DIVIDING PANELS: TWO MODULAR PIECES, BOTH SLOTTED ON ONE EDGE TO ACCEPT WALL BRACKET.

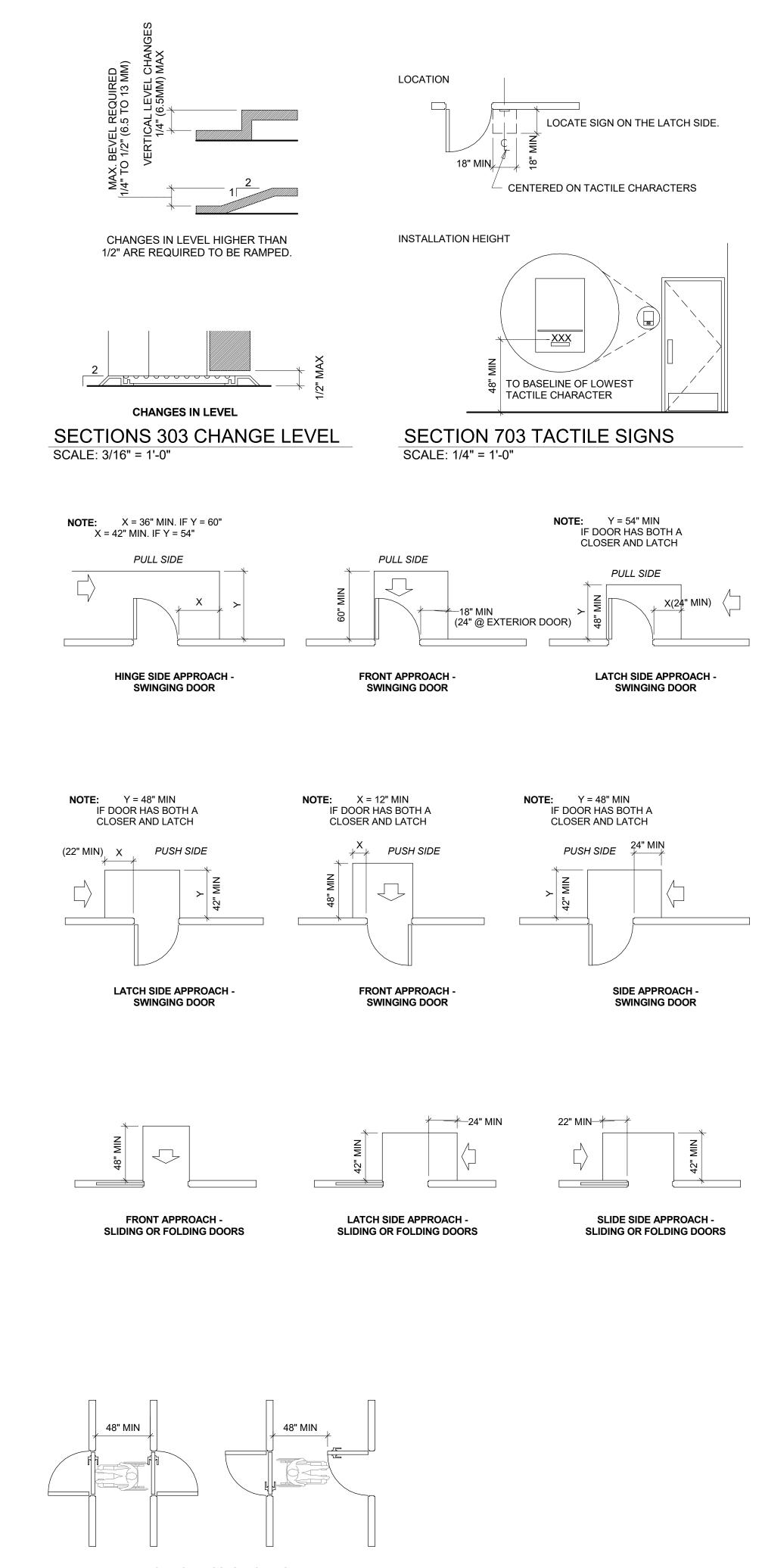
METAL POSTS: 82.75 INCHES HIGH, HEAVY DUTY EXTRUDED ALUMINUM, CLEAR ANODIZED FINISH, FASTENED TO FOOT WITH STAINLESS STEEL TAMPER RESISTANT SCREW.

HIDDEN SHOE (FOOT): ONE-PIECE MOLDED POLYETHYLENE INVISIBLE SHOE INSERTED INTO METAL POST AND SECURED TO METAL POST WITH STAINLESS STEEL TAMPER RESISTANT SCREW. HEADRAIL CAP AND CORNER CAP: ONE-PIECE MOLDED POLYETHYLENE SECURED TO METAL POST WITH STAINLESS STEEL TAMPER RESISTANT SCREW; ADJUSTABLE TO LEVEL HEADRAIL TO FINISHED FLOOR. HIDDEN WALL BRACKETS: 61 INCHES LONG, HEAVY-DUTY EXTRUDED ALUMINUM, CLEAR ANODIZED FINISH, INSERTED INTO SLOTTED PANEL AND FASTENED TO PANELS WITH STAINLESS STEEL TAMPER

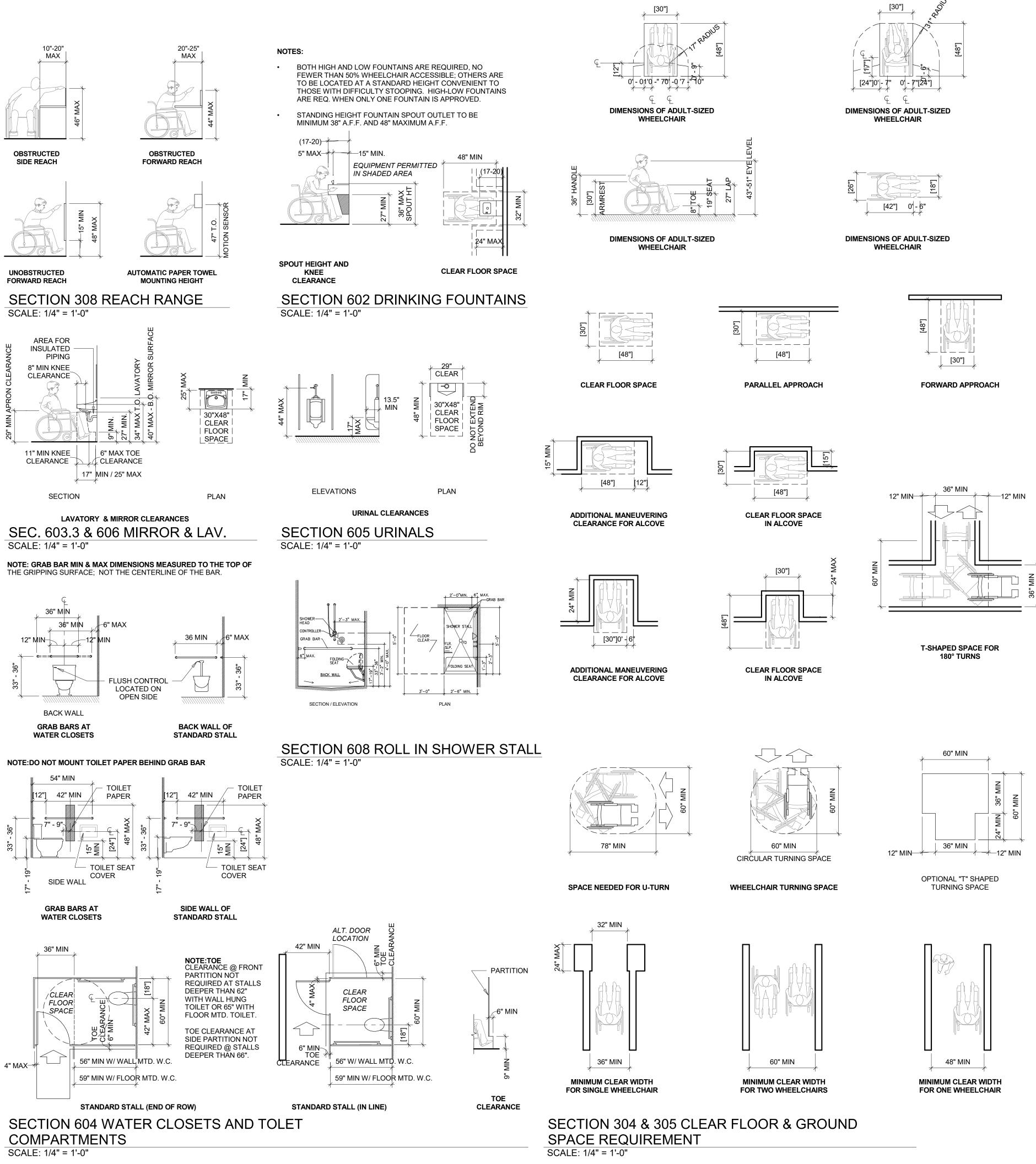
HINGST, INSERTED INTO SLOTTED FANEL AND PASTENED TO PANELS WITT STAINLESS STEEL TAMPER RESISTANT SCREWS. HEADRAIL: HEAVY DUTY EXTRUDED ALUMINUM, DESIGNER ANTI-GRIP DESIGN, CLEAR ANODIZED FINISH FASTENED TO HEADRAIL BRACKET WITH STAINLESS STEEL TAMPER RESISTANT SCREW AND TO HEADRAIL CAP OR CORNER CAP WITH STAINLESS STEEL TAMPER RESISTANT SCREW.

HEADRAIL BRACKETS: HEAVY DUTY EXTRUDED ALUMINUM, CLEAR ANODIZED FINISH, SECURED TO WALL WITH STAINLESS STEEL TAMPER SCREWS.

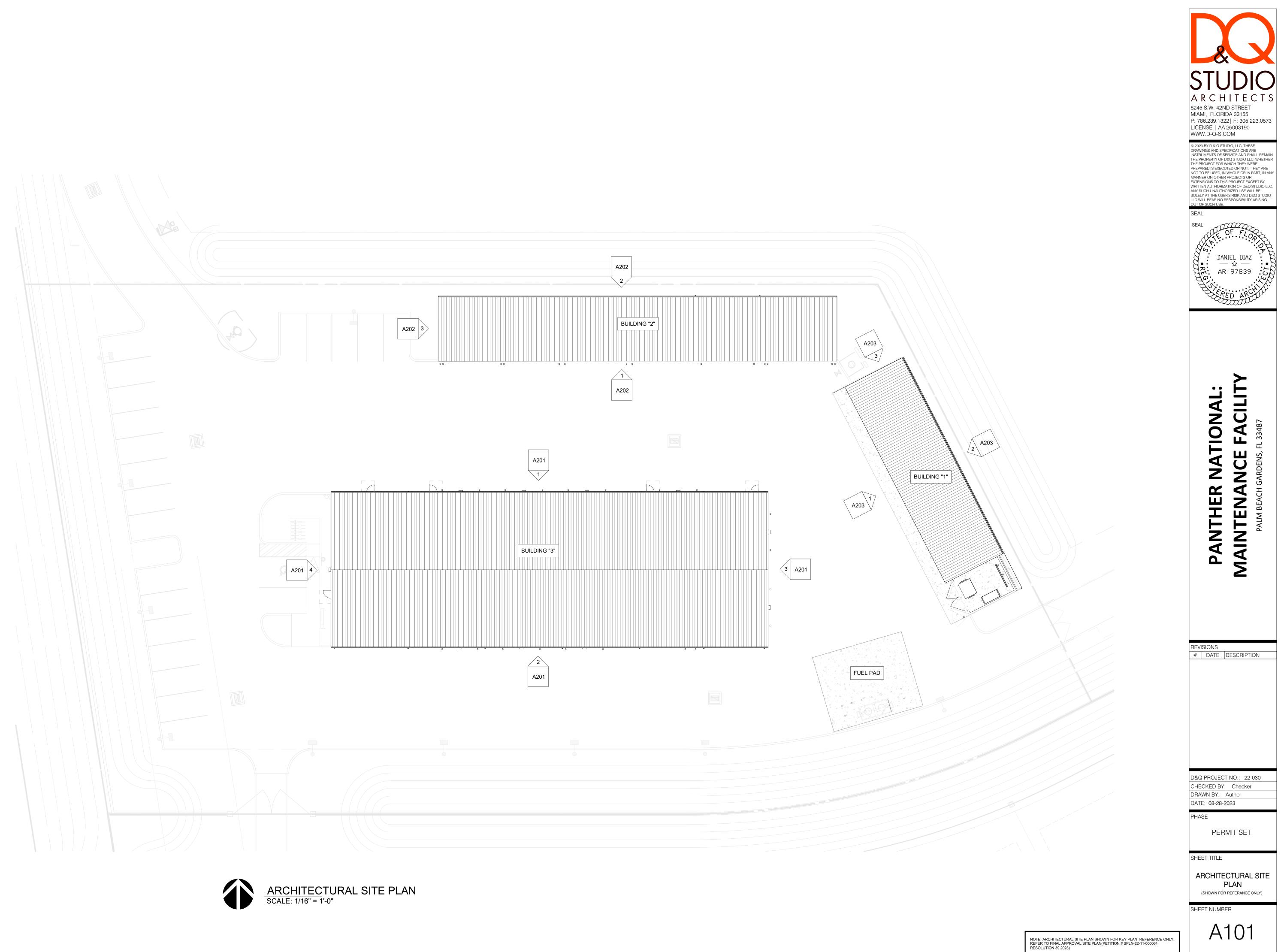




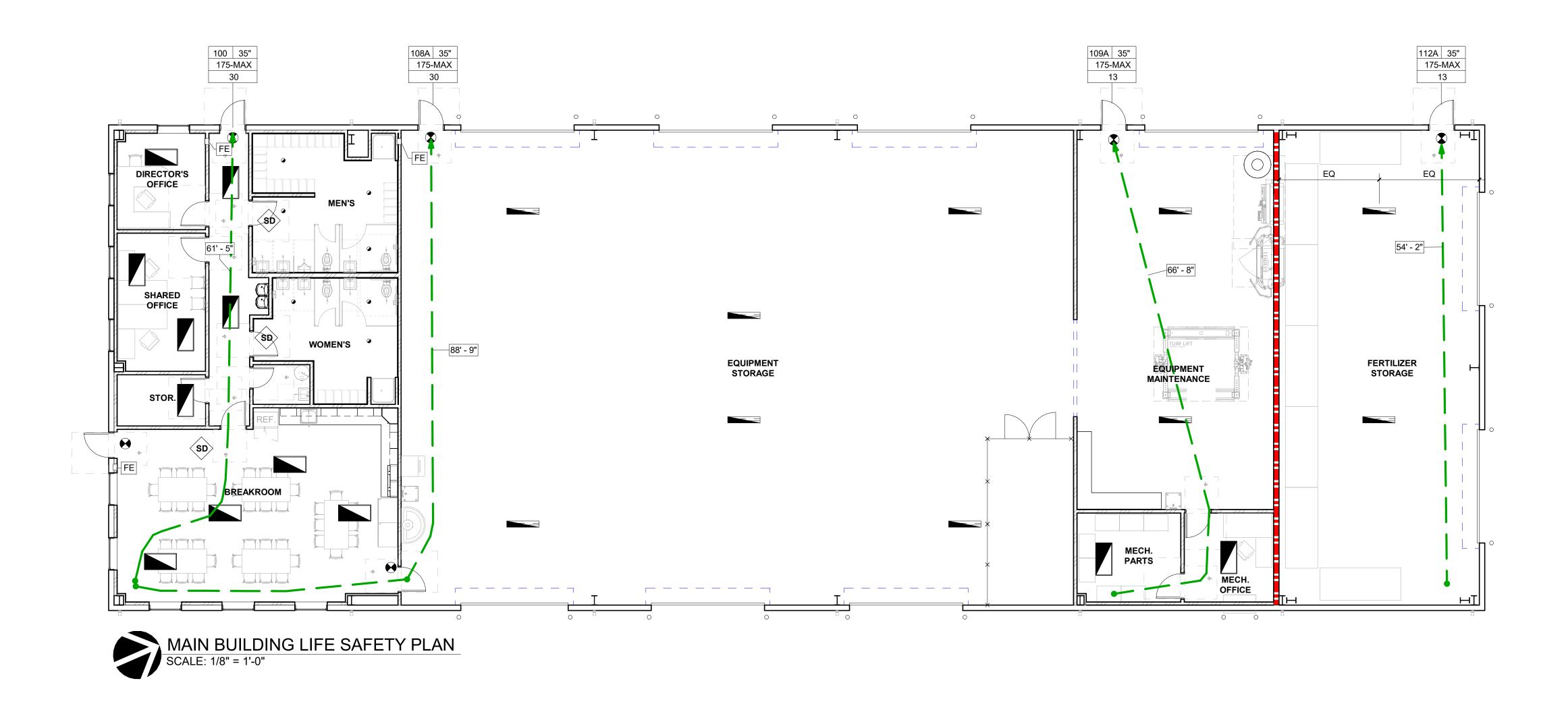
TWO HINGED DOORS IN SERIES **SECTION 404 DOORS** SCALE: 3/16" = 1'-0"











ION AS PER		CCUPANC
EXTINGUISHER	FUNCTION SPACE	AREA
EQUIRED	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	7725 S
3.4	ASSEMBLY W/O FIXED SEATS UNCONCENTRATED (TABLES AND CHAIRS)	779 SF
3.4	BUSINESS AREAS	1119 S
	Grand total: 14	9623 S
VIDED		

	NUMBER OF PLUMBING FIXTURES SCHEDULE (FBC TABLE 2902.1)												
	TOTAL NUMBER OF			MEN			WOMEN				DRINKING		
OCCUPANCY		WATER CLO URINAL		LAVATO	RY	WATER CLC	OSET	LAVATORY	,	FOUNT		SERVICE SINK	
	OCCUPANT	REQ. FIXTURE / OCC.	MINIMUM REQ.	MINIMUM REQ.									
STORAGE (S1)	26	100	0.13	100	0.13	100	0.13	100	0.13	NONE	NONE	1	
BUSINESS (B)	60	50	0.6	40	0.75	50	0.6	40	0.75	100	0.6	1	
TOTAL REQUIRED:			0.7		0.9		0.7		0.9		1	2	
PROVIDED:			3		2		2		2		1	2	

OCC GROUP

GROUP S-1

GROUP B

GROUP B

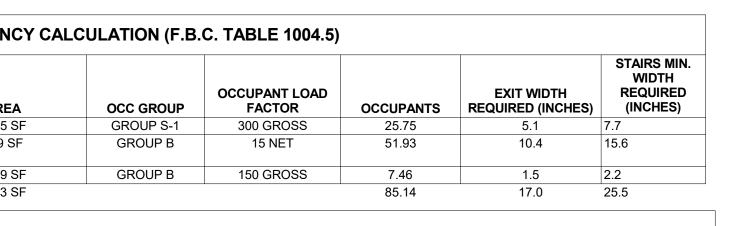
NOTE: OCCUPANCY FROM MAIN BUILDING "A", COURSE GOLF MAINTENCE FACILITY CENTER. NO OCCUPANCY ASSOCIATED WITH ACCESSORY EQUIP COVERED STORAGE BUILDING "B" AND AND MIX/ LOAD BUILDING "C", AS EMPLOYEES ARE FROM THE MAIN BUILDING " A" ARE THE SAME.

FIRE EXTINGUISHER CALCULATION AS PER N.F.P.A.10 6.2.1.1						
NAME	AREA	FIRE EXTINGUISHER REQUIRED				
MAINTENANCE BUILDING	10200 SF	3.4				
	10200 SF	3.4				

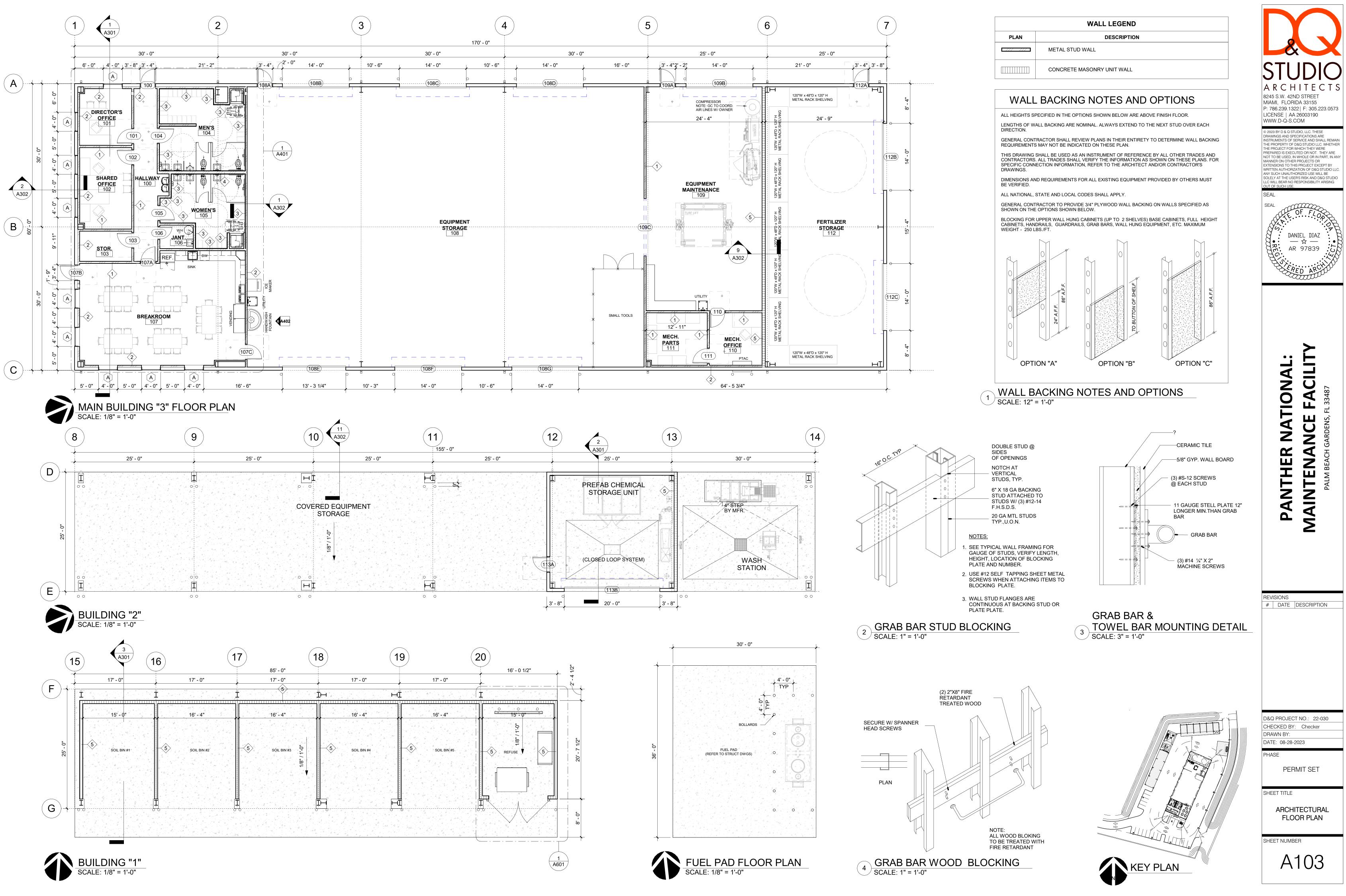
FIRE EXTINGUISHER PROVIDED				
MARK	DESCRIPTION	QTY		
FE	RECESSED FIRE EXTINGUISHER	3		
		3		

DOOR EGRESS PROVIDED							
MARK	NET DOOR WIDTH	OCCUPANTS					
100	35"	175					
108A	35"	175					
109A	35"	175					
112A	35"	175					
	140"	700					

LIFE	SAFETY LEGEND
SYMBOL	DESCRIPTION
	<ul> <li>2 HR.FIRE RATED</li> <li>PARTITION</li> </ul>
	PATH OF EGRESS
FE	2A 10 BC FIRE EXTINGUISHER IN SEMI-RECESSED ADA ACCESSIBLE CABINET. COMPLY W/ NFPA 10
	DOOR NUMBER
888 160" -	NET DOOR WIDTH
120-MAX -	—— MAX . OCCUPANTS
50 -	OCCUPANTS PER EXIT
Ø	6" RECESSED CAN LED WITH EMERGENCY PACK
$\bullet \bullet$	EXIT SIGN
	TROFFER LIGHT WITH 90 MIN. EMERGENCY PACK
	VAPOR RESISTANCE STRIP LIGHT WITH EMERGENCY PACK
SD	SMOKE DETECTOR

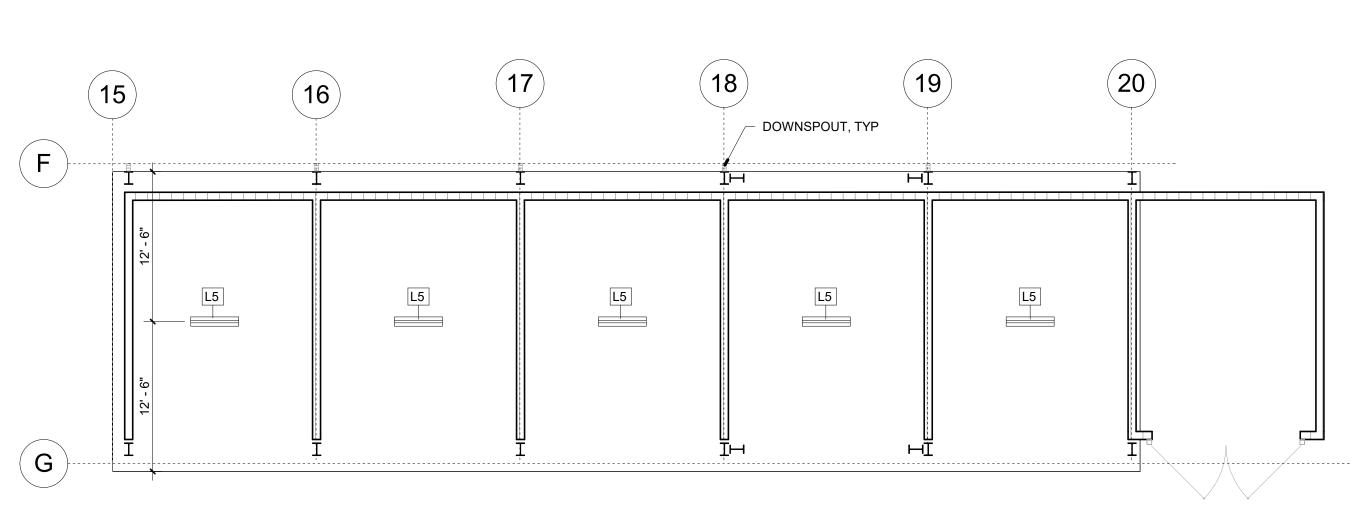


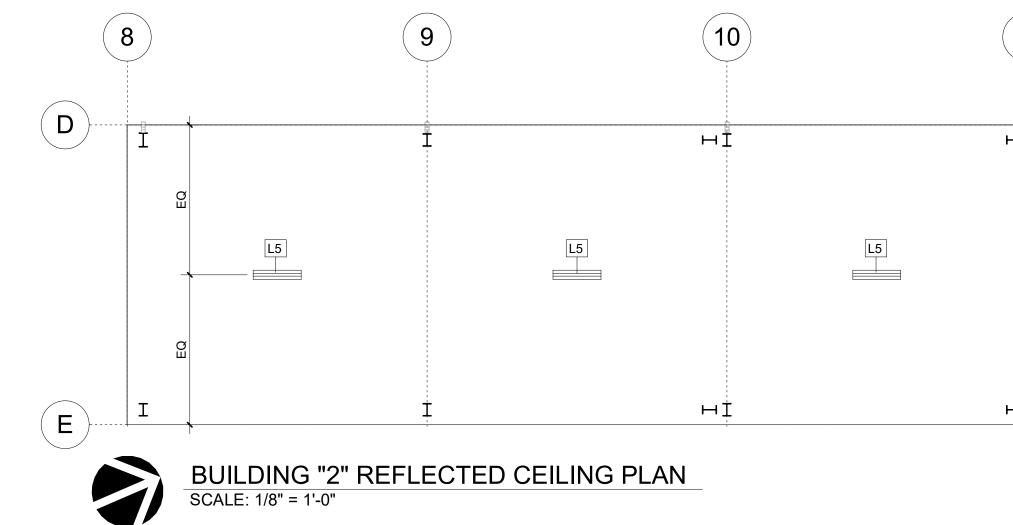


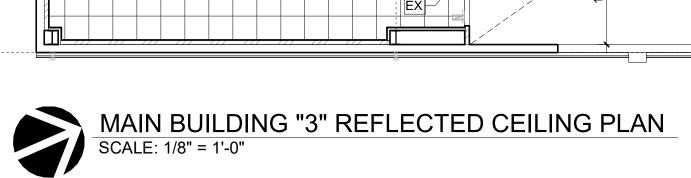


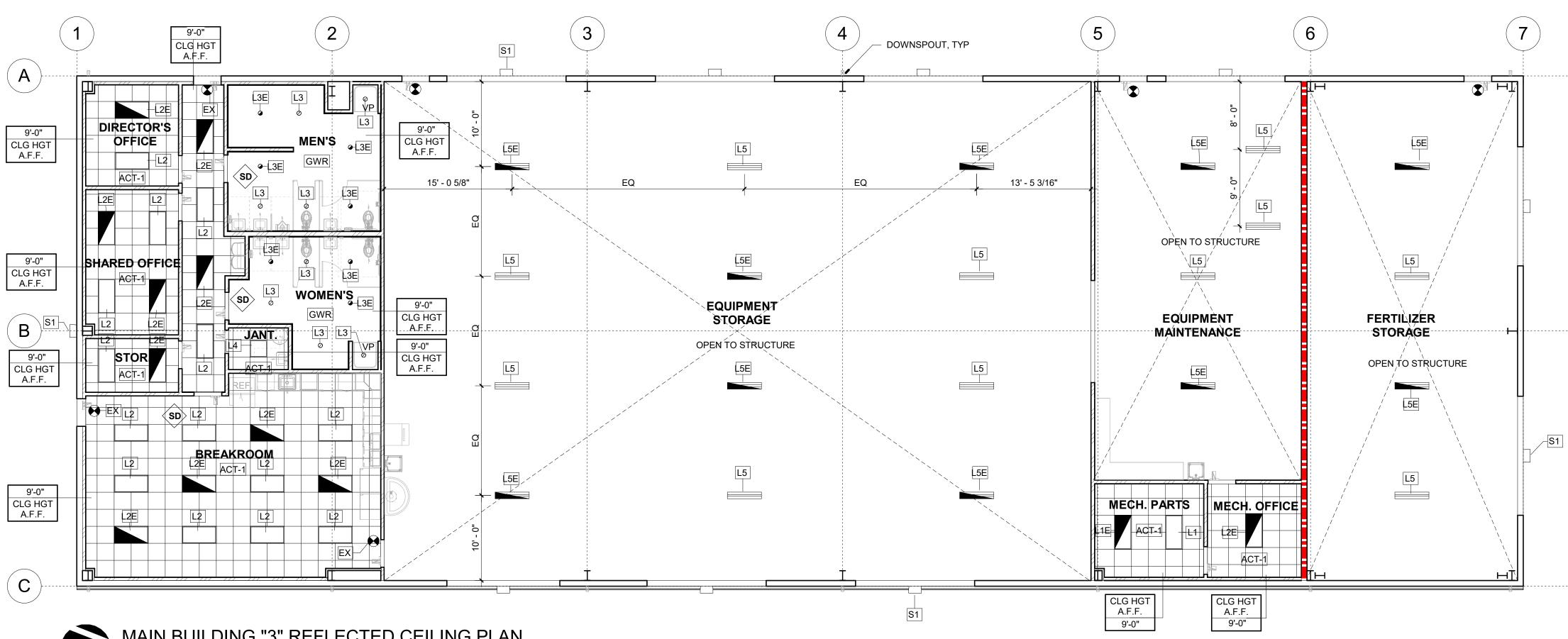


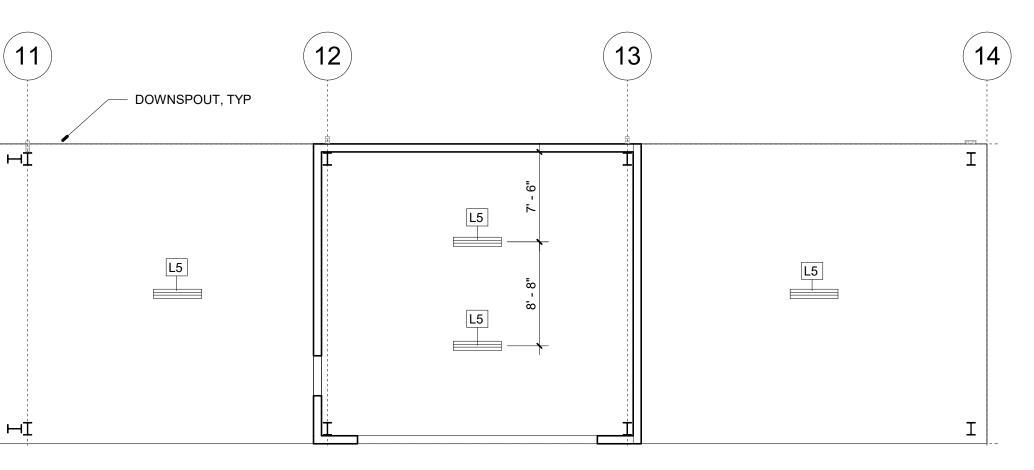
BUILDING "1" REFLECTED CEILING PLAN SCALE: 1/8" = 1'-0"











			LIGHTIN	IG FIXTUR	E SCHED	ULE					
MARK	ТҮРЕ	MANUFACTURER	Model	VOLTAGE	KELVIN	LUMENS	LAMP TYPE	DIMMING	WATTAGE	MOUNTING	COMMENTS
EX	EXIT SIGN	SURELITES	APX7G	UNV	4000	N/A	N/A	N/A	1.5	SURFACE	
L1	2x4 FLAT PANEL	METALUX	24CGT4540C	UNV	4000	4500	LED	0-10V	38.8	RECESSED	
L1E	2x4 FLAT PANELW/ EM BATTERY	METALUX	24CGT4540C-EBPLED7W	UNV	4000	4500	LED	0-10V	38.8	RECESSED	
L2	2x4 ATCHITECTURAL TROFFER	METALUX	24RLN-LD5-45-UNV-L840-CD1-U	UNV	4000	4500	LED	0-10V	34	RECESSED	
L2E	2'x4' ARCHITECTURAL TROFFER W/ EM BATTERY	METALUX	24RLN-LD5-45-UNV-EL17W-L840-CD1-U	UNV	4000	4500	LED	0-10V	35	RECESSED	
L3	4" DOWNLIGHT	HALO COMM	HC415D010-HM40525840-41MDW	UNV	4000	1500	LED	0-10V	15	RECESSED	
L3E	4" DOWNLIGHT W/ EM BATTERY	HALO COMM	HC415D010-HM40525840-41MDWE	UNV	4000	1500	LED	0-10V	15	RECESSED	
L4	2'x2' FLAT PANEL	METALUX	22CGT3540C	UNV	4000	3582	LED	0-10V	31.4	RECESSED	
L5	4' STRIP	ILP	4SNX-67SL-LW-UNV-L840-CD1-U	UNV	4000	4800	LED	0-10V	38	PENDANT (HARDWARE BY OTHERS)	
L5E	4' STRIP W/ EM	ILP	4SNX-67SL-LW-UNV-EL7W-L840-CD1-U	UNV	4000	4800	LED	0-10V	38	PENDANT (HARDWARE BY OTHERS)	
S1	WALL PACK	SPITZER	WPFP-71L-U-CC-T3-C1-CO-FINISH	UNV	4000	7100	LED	N/A	45	WALL	

\*ANY REMOTE PUSH TO TEST BUTTONS NEED TO BE COORDINATED WITH ARCHITECT PRIOR TO INSTALL \*ALL REMOTED MOUNTED DRIVERS NEED TO BECOORDINATED WITH ARCHITECT PRIOR TO INSTALL

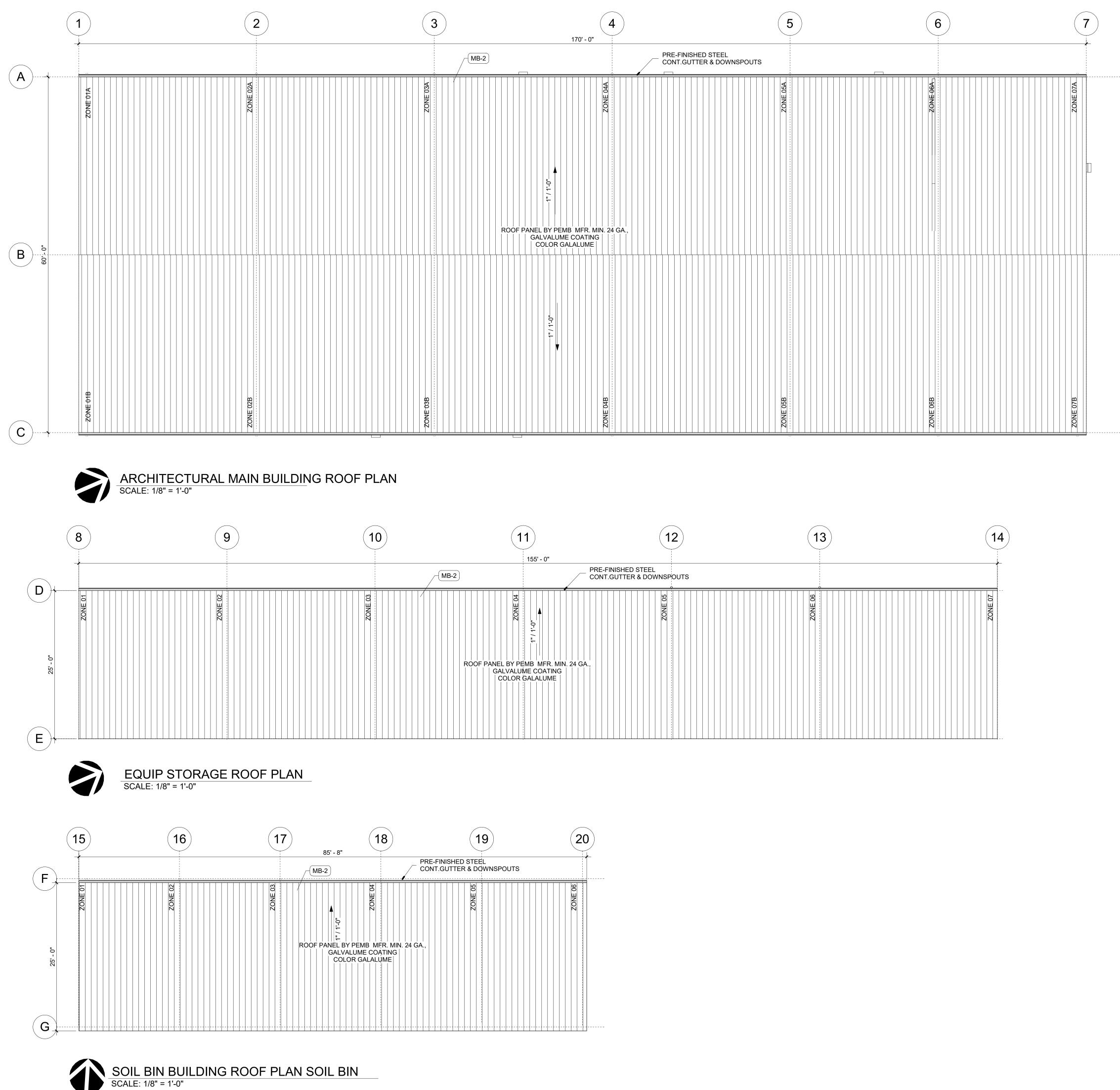
FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE PLEASE CONTACT RYAN HUFF @LIGHTING DYNAMICS - 772-285-7169

REFLEC	TED CEILING PLAN LEGEND
SYMBOL	DESCRIPTION
	EMERGENCY EXIT SIGN
$\oslash$	6" RECESSED CAN LED
<i>•</i>	6" RECESSED CAN LED WITH EMERGENCY PACK
⊘ <sub>VP</sub>	VAPOR PROOF RECESSED LIGHT
	OUTDOOR WALL PACK
	VAPOR RESISTANCE STRIP LIGHT
	VAPOR RESISTANCE STRIP LIGHT WITH EMERGENCY PACK
	2x2 LED RECESSED TROFFER
	2x4 LED RECESSED TROFFER
	2x4 LED RECESSED TROFFER W/ EMERGENCY POWER SOURCE. 90 MIN. 1FC MIN
SD	SMOKE DETECTOR

PROVIDE MAIN RUNNERS CONTINUOUS IN LINE WITH EACH SIDE OF RECESSED LIGHT AND PARALLEL MAXIMUM 4'-0" ON CENTERS IN THE CEILING FIELD. CROSS RUNNERS SHALL BE MAXIMUM 2'-0" ON CENTERS. PROVIDE ACCESSIBLE HOLD-DOWN CLIPS FOR ACOUSTIC TILES LESS THAN 1 LB./SQ.FT. PROVIDE MINIMUM 12 GAUGE GALVANIZED STEEL HANGER WIRE MAXIMUM 4'-0" ON CENTERS ALONG MAIN RUNNERS.

## CEILING DETAIL ACOUSTICAL TILE SCALE: 1 1/2" = 1'-0"

A R C H I T E C T S B245 S.W. 42ND STREET MAMI, FLORIDA 33155 P: 786.239.1322   F: 305.223.0573 LICENSE   AA 26003190 WWW.D-Q-S.COM © 2023 BY D & 0 STUDIO, LLC. THESE DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF DAG STUDIO LLC. WHETHER THE PROPERTY OF DAG STUDIO LLC. ANY BUCH USED. IN WHOLE OR IN PART, IN ANY MANNER ON OFTHER PROJECTS OR EXTENSIONS TO THIS PROJECT SKEWILD BE SOLLY AT THE USERS RISK AND DAG STUDIO LC WILL BEAR NO RESPONSIBILITY ARISING OUT OF SUCH USE. SEAL SEAL SEAL AR 97839 WHENCH AND THE PROJECT SCHEMA AR 97839 WINDER DANIEL DIAZ AR 97839 WINDER DANIEL DIAZ AR 97839 WINDER DANIEL DIAZ AR 97839 WINDER DANIEL DIAZ AR 97839 WINDER DANIEL DIAZ AR 97839 WINDER DANIEL DIAZ MARY PROJECT SCHEMA DANIEL DIAZ MARY PROJECT SCHEMA MARY PROJECT SCHEMA MA	B245 S.W. 42ND STREET MIAMI, FLORIDA 33155 P: 786.239.1322  F: 305.223.0573 LICENSE   AA 26003190 WWW.D-Q-S.COM © 2023 BY D & 0 STUDIO, LLC. THESE DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF DAG STUDIO LLC. WHETHER PREPARED IS EXECUTE OR NOT. THEY ARE NOT TO BE USED, IN WHOLE OR IN PART, IN ANY MANNER ON OTHER PROJECT EXCEPT BY WRITTEN AUTHORIZATION OF DAG STUDIO LLC WILL BEAR NO RESPONSIBILITY ARISING OUT OF SUCH USE. SEAL SEAL SEAL MANIFEL DIAZ AR 97839 MANUER DATHORY BY ARE STUDIO LLC WILD BEAR IN A RESPONSIBILITY ARISING DANIELL DIAZ AR 97839 MANUER DIAZ AR 97839 MANUER DIAZ AR 97839 MANUER DIAZ MANUER	REVISIONS	REVISIONS
DANIEL DIAZ AR 97839 MED ARCHITY PAIM BEACH GARDENS, FL 33487 PAIM BEACH GARDENS, FL 33487	DANIEL DIAZ AR 97839 FED ARUTICAL	DANIEL DIAZ   AR 97839   ED ARCHURA   INANA   INANA <t< th=""><th>DANIEL DIAZ AR 97839 FEO ARCHUITY DAIN FOR FI 33487 PAIM BEACH GARDENS, FI 33487</th></t<>	DANIEL DIAZ AR 97839 FEO ARCHUITY DAIN FOR FI 33487 PAIM BEACH GARDENS, FI 33487
	TURA	REVISIONS       #       DATE       DESCRIPTION         #       DATE       DESCRIPTION	THANG
		# DATE       DESCRIPTION         # DATE       DESCRIPTION         D&Q       PROJECT NO.: 22-030         CHECKED BY:       Checker         DRAWN BY:       Checker         DATE:       08-28-2023         PHASE       Value	



155' - 0" PRE-FINISHED STEEL CONT.GUTTER & DOWNSPO	
IB MFR. MIN. 24 GA., COATING ALALUME	ZONE 07

I CONTRACTOR OF THE SERVICE AND STUDIO LUC. WHET THE VIERT OF SERVICE AND STUDIO LUC. WHET THE SOF SERVICE AND SHALL REMAIN THE PROPERTY OF DAQ STUDIO LUC. WHET THE NATIVANY MANNER ON OT THE PROJECT EXCEPT BY WRITTEN AUTHORIZATION OF DAQ STUDIO LUC. ANY SUCH UNAUTHORIZED USE WILL BE SOLELY AT THE USER'S RISK AND DAQ STUDIO LUC. WILL BEAR NO RESPONSIBILITY ARISING UT OF SUCH USE.
DANIEL DIAZ DANIEL DIAZ AR 97839 CONTRACTOR
PANTHER NATIONAL: MAINTENANCE FACILITY PAIM BEACH GARDENS, FL 33487
REVISIONS # DATE DESCRIPTION
D&Q PROJECT NO.: 22-030 CHECKED BY: Checker DRAWN BY: DATE: 08-28-2023 PHASE PERMIT SET
SHEET TITLE ARCHITECTURAL ROOF PLAN SHEET NUMBER A105

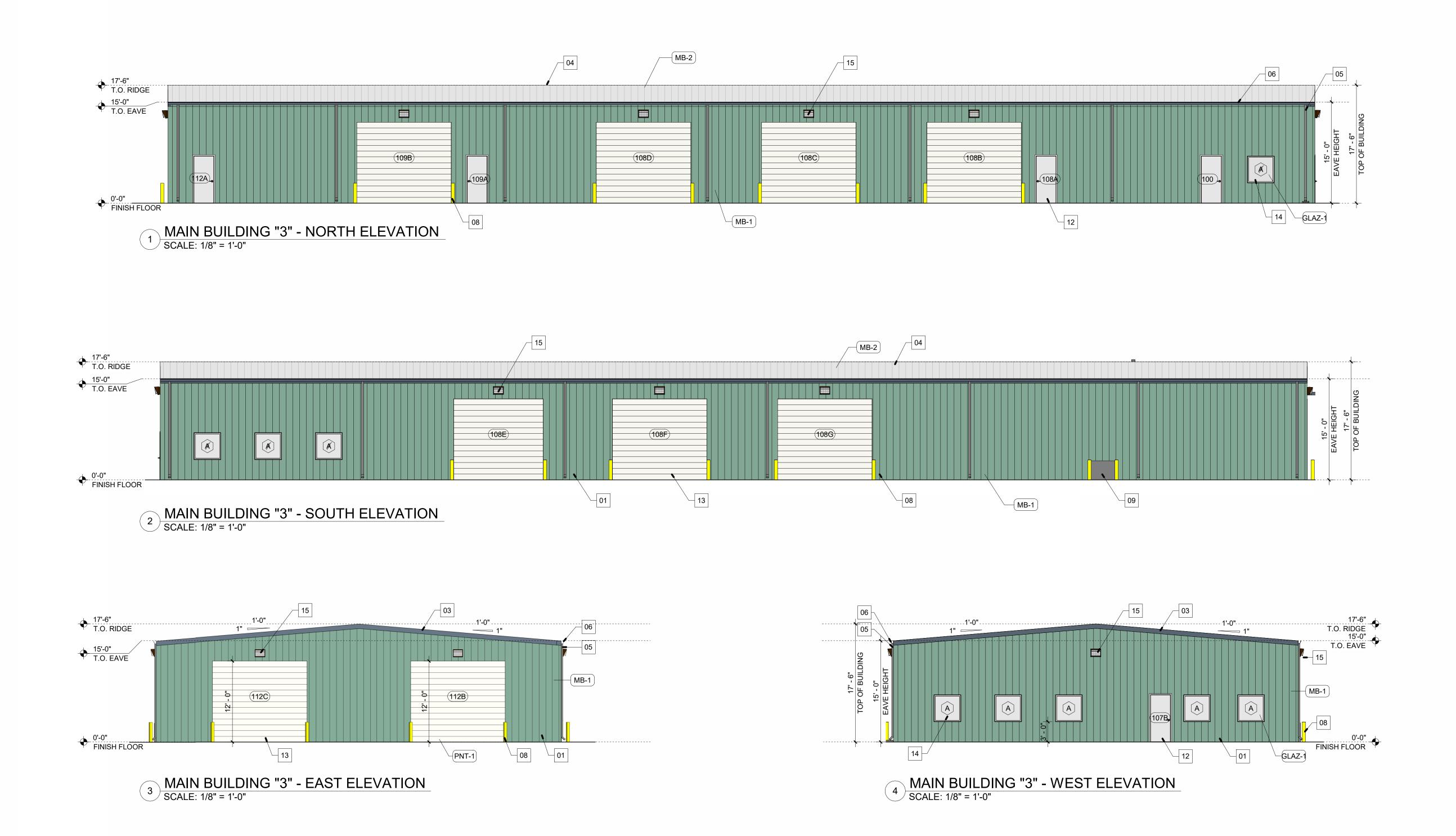
	ROOF DRA	IN PROJECTEI	D AREA				
ROOF AREA NO.	ROOF AREA (SF)	TOTAL GPM REQUIRED (1)	SLOPE	GUTTER SIZE	GUTTER CAPACITY (GPM)	DOWNSPOUT SIZE	DOWNSPOL CAPACITY (GPM)
MAIN BUILD	DING						
ZONE 01A	450	22	1" / 1'-0"	5" x 5"	74	3" RWL DS-1A	92
ZONE 01B	450	22	1" / 1'-0"	5" x 5"	74	3" RWL DS-1B	92
ZONE 02A	900	43	1" / 1'-0"	5" x 5"	74	3" RWL DS-2A	92
ZONE 02B	900	43	1" / 1'-0"	5" x 5"	74	3" RWL DS-2B	92
ZONE 03A	900	43	1" / 1'-0"	5" x 5"	74	3" RWL DS-3A	92
ZONE 03B	900	43	1" / 1'-0"	5" x 5"	74	3" RWL DS-3B	92
ZONE 04A	900	43	1" / 1'-0"	5" x 5"	74	3" RWL DS-4A	92
ZONE 04B	900	43	1" / 1'-0"	5" x 5"	74	3" RWL DS-4B	92
ZONE 05A	825	39	1" / 1'-0"	5" x 5"	74	3" RWL DS-5A	92
ZONE 05B	825	39	1" / 1'-0"	5" x 5"	74	3" RWL DS-5B	92
ZONE 06A	750	36	1" / 1'-0"	5" x 5"	74	3" RWL DS-6A	92
ZONE 06B	750	36	1" / 1'-0"	5" x 5"	74	3" RWL DS-6B	92
ZONE 07A	375	18	1" / 1'-0"	5" x 5"	74	3" RWL DS-7A	92
ZONE 07B	375	18	1" / 1'-0"	5" x 5"	74	3" RWL DS-7B	92
EQUIP COV	ERED STORA	GE AND MIX/L	OAD AREA				
ZONE 01	313	15	1" / 1'-0"	5" x 5"	74	3" RWL DS-1A	92
ZONE 02	625	30	1" / 1'-0"	5" x 5"	74	3" RWL DS-2A	92
ZONE 03	625	30	1" / 1'-0"	5" x 5"	74	3" RWL DS-3A	92
ZONE 04	625	30	1" / 1'-0"	5" x 5"	74	3" RWL DS-4A	92
ZONE 05	625	30	1" / 1'-0"	5" x 5"	74	3" RWL DS-5A	92
ZONE 06	688	33	1" / 1'-0"	5" x 5"	74	3" RWL DS-6A	92
ZONE 07	375	18	1" / 1'-0"	5" x 5"	74	3" RWL DS-7A	92
SOIL BIN AN	ND REFUSE E	NCLOSURE					
ZONE 01	213	10	1" / 1'-0"	5" x 5"	74	3" RWL DS-1A	92
ZONE 02	425	20	1" / 1'-0"	5" x 5"	74	3" RWL DS-2A	92
ZONE 03	425	20	1" / 1'-0"	5" x 5"	74	3" RWL DS-3A	92
ZONE 04	425	20	1" / 1'-0"	5" x 5"	74	3" RWL DS-4A	92
ZONE 05	434	21	1" / 1'-0"	5" x 5"	74	3" RWL DS-5A	92
ZONE 06	221	11	1" / 1'-0"	5" x 5"	74	3" RWL DS-6A	92

**ROOF DRAINAGE CALCULATION** 

(1) ROOF AREA X 4.5" RAINFALL PER HR X 0.0104 = GPM REQUIRED (3) PER FBC TABLE 1106.7 (2) GUTTER AND DOWNSPOUT CAPACITY AT 4.5" PER HOUR RAINFALL RATE WITH 1/8" - 1'-0" SLOPE. TABLES 1106.3 & 1106.6 FBC P 2020

NOTES: 1. DS = DOWNSPOUT. DOWNSPOUT DISCHARGE TO GRADE, AT LEAST 1 FOOT AWAY FROM BUILDING SIDE WALL W/ SPLASH BLOCK.

2. NEW CONSTRUCTION: DOWNSPOUT DISCHARGE TO STORM DRAIN SYSTE. REFER TO CIVIL.

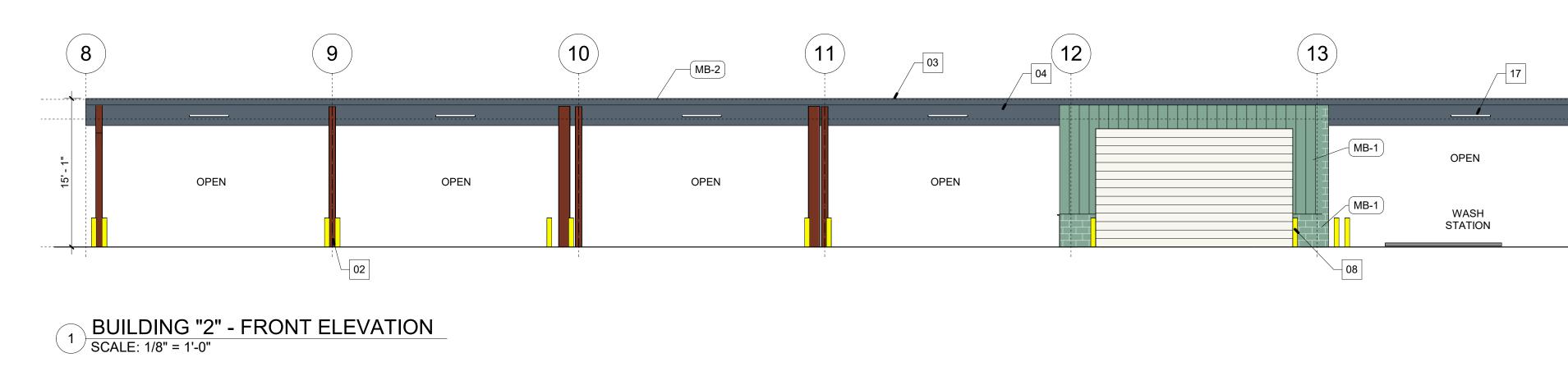


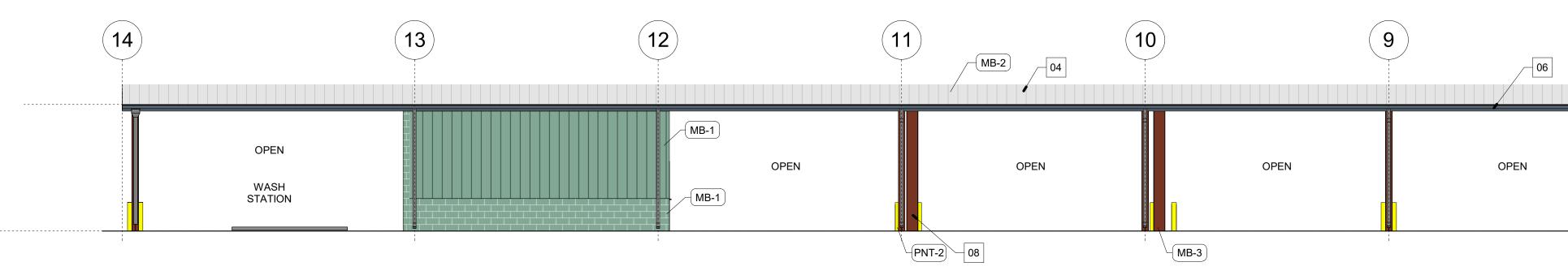
	ELEVATION KEYNOTES
MARK	DESCRIPTION
01	26 GA. PRE-FINISHED STEEL WALL SHEETS/SIDING
02	PEMB COLUMN
03	PRE-FINISHED STEEL RAKE TRIM
04	GALVALUME STEEL STANDING SEAM ROOF PANELS, MIN. 24 GA.
05	PRE-FINISH STEEL DOWNSPOUTS (DS). COLOR: MATCH WALL
06	PRE-FINISH STEEL GUTTER CONT. COLOR: MATCH WALL
08	STEEL BOLLARD, REFER TO DETAILS
09	PTAC UNIT, REFER TO MECHANICAL DWGS. GC TO COORD. 6" MIN AFF.
12	EXTERIOR IMPACT RATED HOLLOW MTL DOOR
13	EXTERIOR IMPACT RATED OVERHEAD DOOR
14	IMPACT RATED ALUMINUM WINDOW SYSTEM W/ TINTED GLAZING
15	EXTERIOR WALL MOUNTED LIGHTING FIXTURE. COLOR: BRONZE
16	EXISTING CABINETS TO BE REMOVED. PATCH AND REPAIR EXISTING SURFACES TO MATCH EXISTING FINISHES FOR NEW LAYOUT
17	LIGHTING FIXTURE. REFER TO REFLECTED CEILING PLAN

	EXTERIOR COLOR / FINISH LEGEND
SYMBOL	DESCRIPTION
(MB-1)	PRE-FINISHED METAL BUILDING (PEMB) OR CMU WALL COLOR: HUNTER GREEN SIDING PANEL RAKE TRIM EAVE TRIM & GUTTER DOWNSPOUT
MB-2	PRE-FINISHED METAL BUILDING (PEMB) COLOR: GALALUME STANDING SEAM METAL ROOFING PANEL
(MB-3)	METAL BUILDING (PEMB) COLOR: RED OXIDE, EXTERIOR EXTERIOR COLUMN
GLAZ-1	IMPACT RATED GLAZING IN ALUMINUM FRAMES. 'BLUE-GREEN' TINT
PNT-1	EXTERIOR DOOR, DOOR FRAMES, KNEE WALLS, AND LOUVERS TO MATCH COLOR: WARM WHITE
PNT-2	STEEL BOLLARDS TO MATCH COLOR: TRAFFIC YELLOW

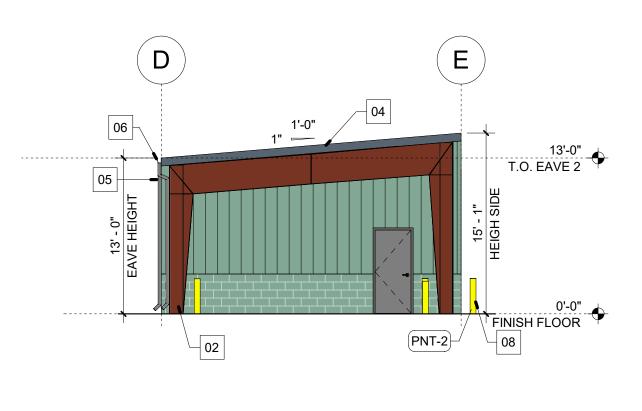
	CONTRACTOR OF SERVICE AND SHOLE OF SUCH UNAUTHORIZED USE WHICH THEY WERE PROPERTY OF DAG STUDIO LLC. THESE PROVINCES AND SPECIFICATIONS ARE NSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROJECT FOR WHICH THEY WERE PREPARED IS SECUTED ON NOT. THEY ARE NOT TO BE USED. IN WHOLE OF IN PART, IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT EXCEPT BY WHITTEN AUTHORIZED USE WILL BE SOLELY AT THE USER'S RISK AND D&G STUDIO LCC WILL BEAR NO RESPONSIBILITY ARISING OUT OF SUCH USE.
	PANTHER NATIONAL: MAINTENANCE FACILITY PALM BEACH GARDENS, FL 33487
-	REVISIONS # DATE DESCRIPTION
	D&Q PROJECT NO.: 22-030 CHECKED BY: Checker DRAWN BY: Author DATE: 08-28-2023 PHASE PERMIT SET SHEET TITLE EXTERIOR ELEVATIONS

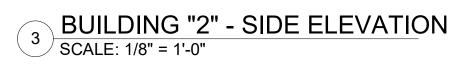




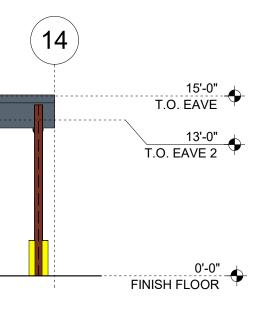


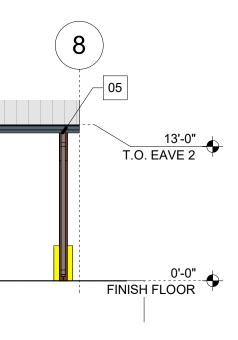
## 2 BUILDING "2" - BACK ELEVATION SCALE: 1/8" = 1'-0"





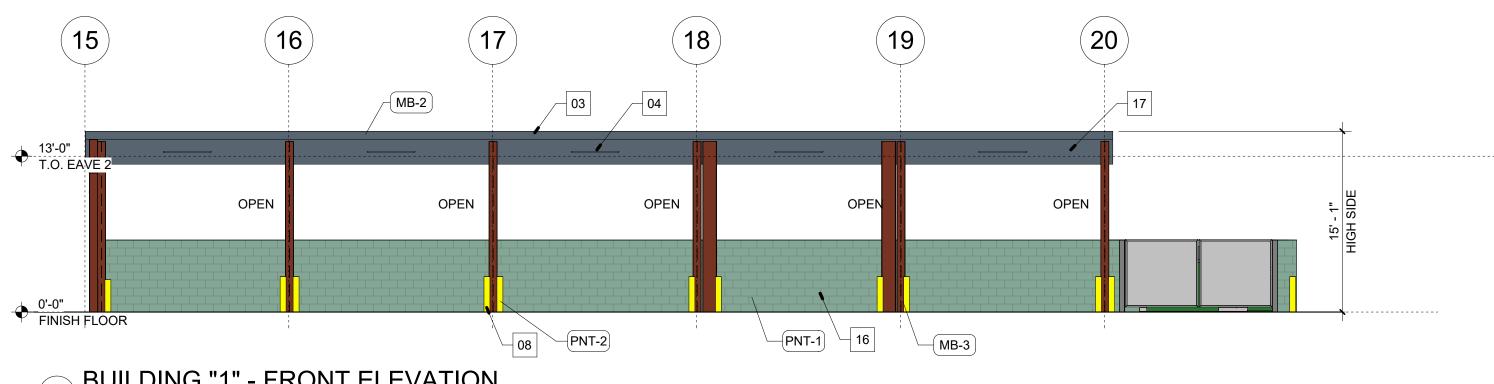
MARK	DESCRIPTION
01	26 GA. PRE-FINISHED STEEL WALL SHEETS/SIDING
02	PEMB COLUMN
03	PRE-FINISHED STEEL RAKE TRIM
04	GALVALUME STEEL STANDING SEAM ROOF PANELS, MIN. 24 GA.
05	PRE-FINISH STEEL DOWNSPOUTS (DS). COLOR: MATCH WALL
06	PRE-FINISH STEEL GUTTER CONT. COLOR: MATCH WALL
08	STEEL BOLLARD, REFER TO DETAILS
09	PTAC UNIT, REFER TO MECHANICAL DWGS. GC TO COORD. 6" MIN AFF.
12	EXTERIOR IMPACT RATED HOLLOW MTL DOOR
13	EXTERIOR IMPACT RATED OVERHEAD DOOR
14	IMPACT RATED ALUMINUM WINDOW SYSTEM W/ TINTED GLAZING
15	EXTERIOR WALL MOUNTED LIGHTING FIXTURE. COLOR: BRONZE
16	EXISTING CABINETS TO BE REMOVED. PATCH AND REPAIR EXISTING SURFACE TO MATCH EXISTING FINISHES FOR NEW LAYOUT
17	LIGHTING FIXTURE. REFER TO REFLECTED CEILING PLAN



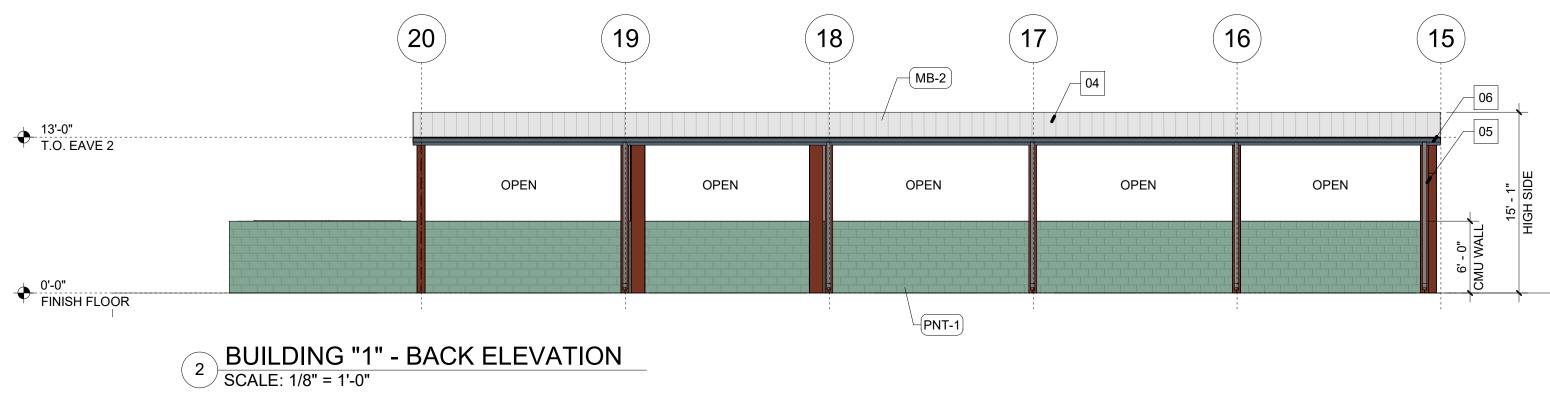


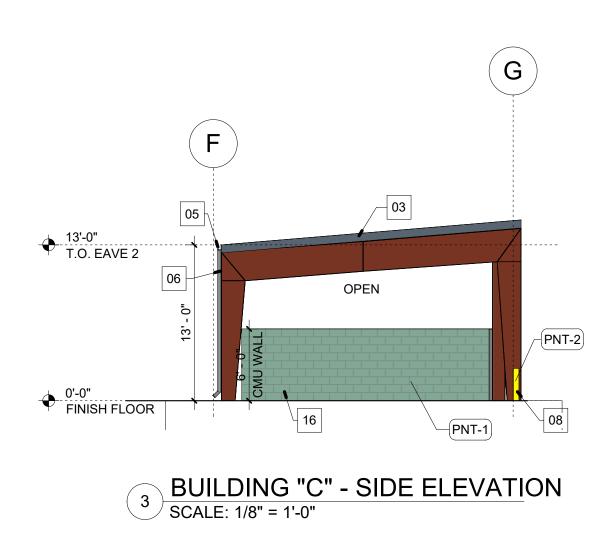
	EXTERIOR COLOR / FINISH LEGEND
SYMBOL	DESCRIPTION
MB-1	PRE-FINISHED METAL BUILDING (PEMB) OR CMU WALL COLOR: HUNTER GREEN SIDING PANEL RAKE TRIM EAVE TRIM & GUTTER DOWNSPOUT
MB-2	PRE-FINISHED METAL BUILDING (PEMB) COLOR: GALALUME STANDING SEAM METAL ROOFING PANEL
MB-3	METAL BUILDING (PEMB) COLOR: RED OXIDE, EXTERIOR EXTERIOR COLUMN
GLAZ-1	IMPACT RATED GLAZING IN ALUMINUM FRAMES. 'BLUE-GREEN' TINT
PNT-1	EXTERIOR DOOR, DOOR FRAMES, KNEE WALLS, AND LOUVERS TO MATCH COLOR: WARM WHITE
PNT-2	STEEL BOLLARDS TO MATCH COLOR: TRAFFIC YELLOW

STUDIO A R C H I T E C T S 8245 S.W. 42ND STREET MIAMI, FLORIDA 33155 P: 786.239.1322 | F: 305.223.0573 LICENSE | AA 26003190 WWW.D-Q-S.COM © 2023 BY D & Q STUDIO, LLC. THESE DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF D&Q STUDIO LLC. WHETHER THE PROJECT FOR WHICH THEY WERE PREPARED IS EXECUTED OR NOT. THEY ARE NOT TO BE USED, IN WHOLE OR IN PART, IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT EXCEPT BY WRITTEN AUTHORIZATION OF D&Q STUDIO LLC. ANY SUCH UNAUTHORIZED USE WILL BE SOLELY AT THE USER'S RISK AND D&Q STUDIO LLC WILL BEAR NO RESPONSIBILITY ARISING OUT OF SUCH USE. SEAL SFA DANIEL DIAZ — — — AR 97839 C AR 97839  $\succ$ FACILITY FL 33487 **NATIONAL:** Ц MAINTENANCE PALM BEACH GARDENS, ER PANTHE REVISIONS # DATE DESCRIPTION D&Q PROJECT NO.: 22-030 CHECKED BY: Checker DRAWN BY: Author DATE: 08-28-2023 PHASE PERMIT SET SHEET TITLE EXTERIOR ELEVATIONS SHEET NUMBER A202



1 BUILDING "1" - FRONT ELEVATION SCALE: 1/8" = 1'-0"



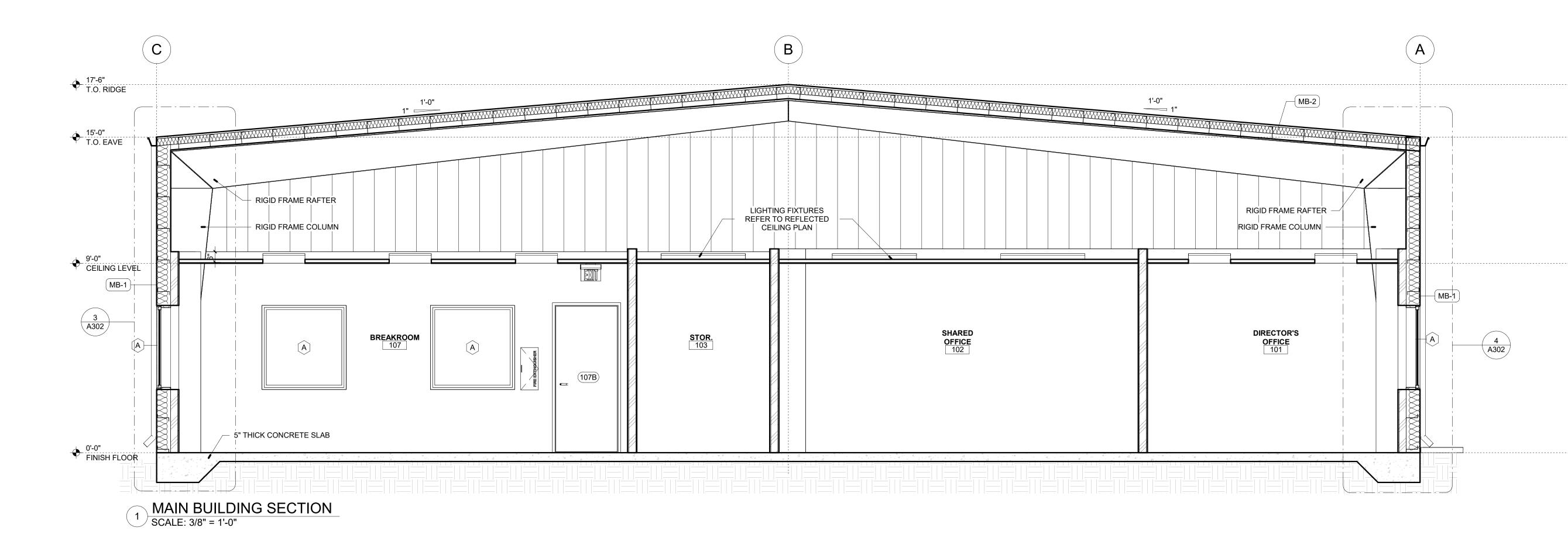


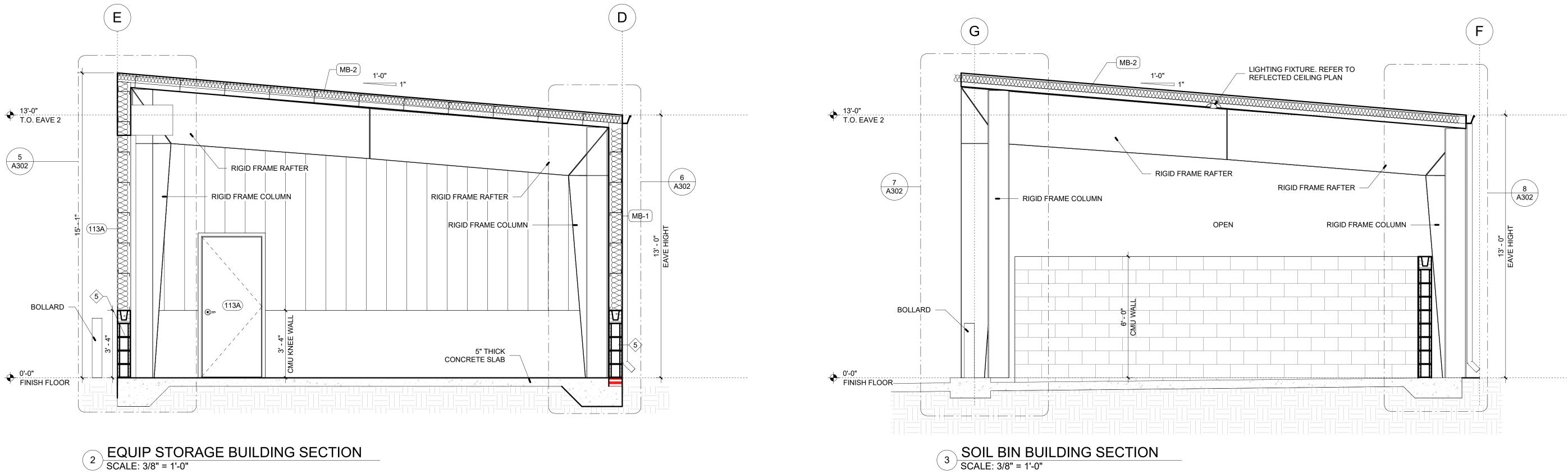
PNT-1

MARK	DESCRIPTION
01	26 GA. PRE-FINISHED STEEL WALL SHEETS/SIDING
02	PEMB COLUMN
03	PRE-FINISHED STEEL RAKE TRIM
04	GALVALUME STEEL STANDING SEAM ROOF PANELS, MIN. 24 GA.
05	PRE-FINISH STEEL DOWNSPOUTS (DS). COLOR: MATCH WALL
06	PRE-FINISH STEEL GUTTER CONT. COLOR: MATCH WALL
08	STEEL BOLLARD, REFER TO DETAILS
09	PTAC UNIT, REFER TO MECHANICAL DWGS. GC TO COORD. 6" MIN AFF.
12	EXTERIOR IMPACT RATED HOLLOW MTL DOOR
13	EXTERIOR IMPACT RATED OVERHEAD DOOR
14	IMPACT RATED ALUMINUM WINDOW SYSTEM W/ TINTED GLAZING
15	EXTERIOR WALL MOUNTED LIGHTING FIXTURE. COLOR: BRONZE
16	EXISTING CABINETS TO BE REMOVED. PATCH AND REPAIR EXISTING SURFACE TO MATCH EXISTING FINISHES FOR NEW LAYOUT
17	LIGHTING FIXTURE. REFER TO REFLECTED CEILING PLAN



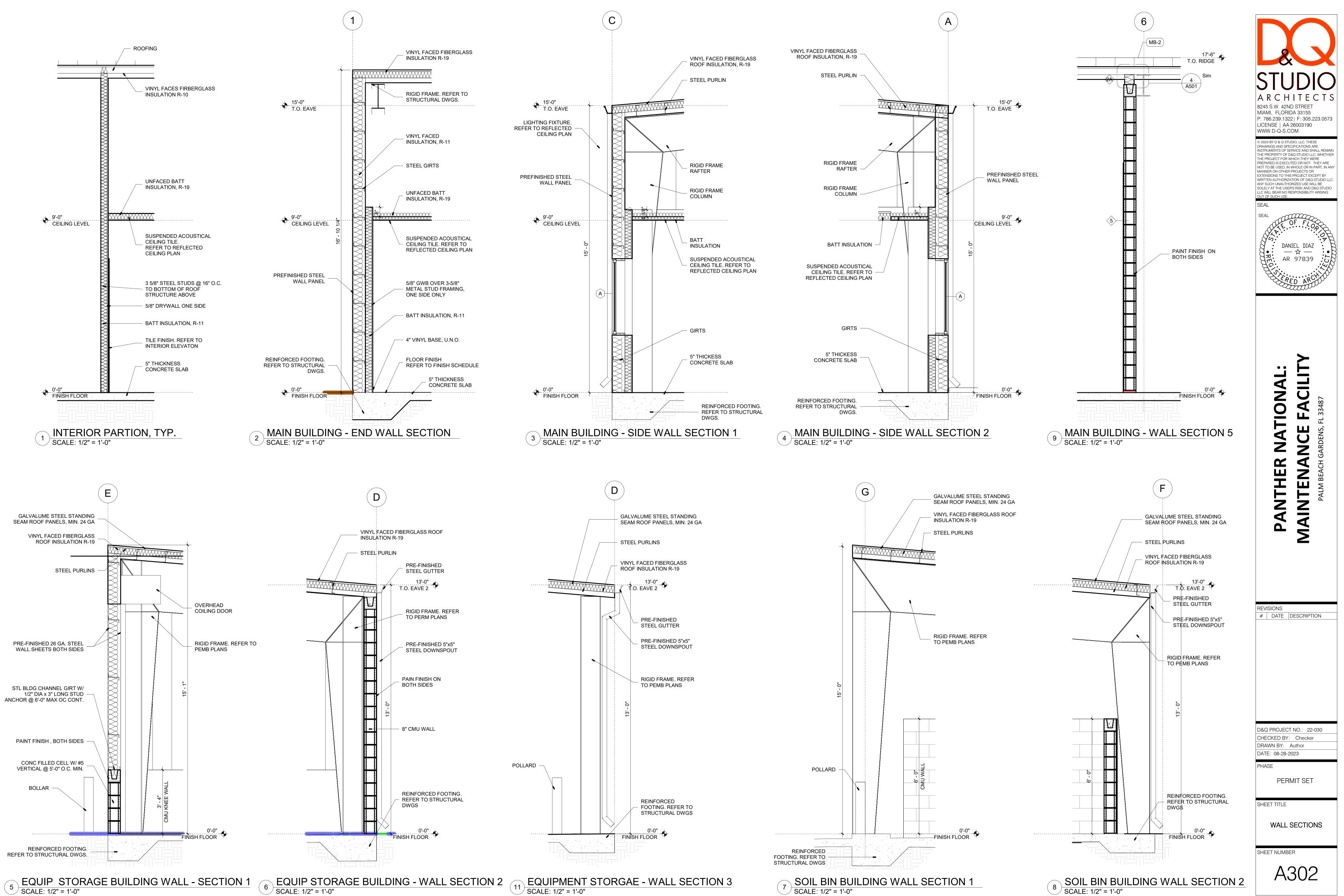
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PNT-2	STEEL BOLLARDS TO MATCH COLOR: TRAFFIC YELLOW



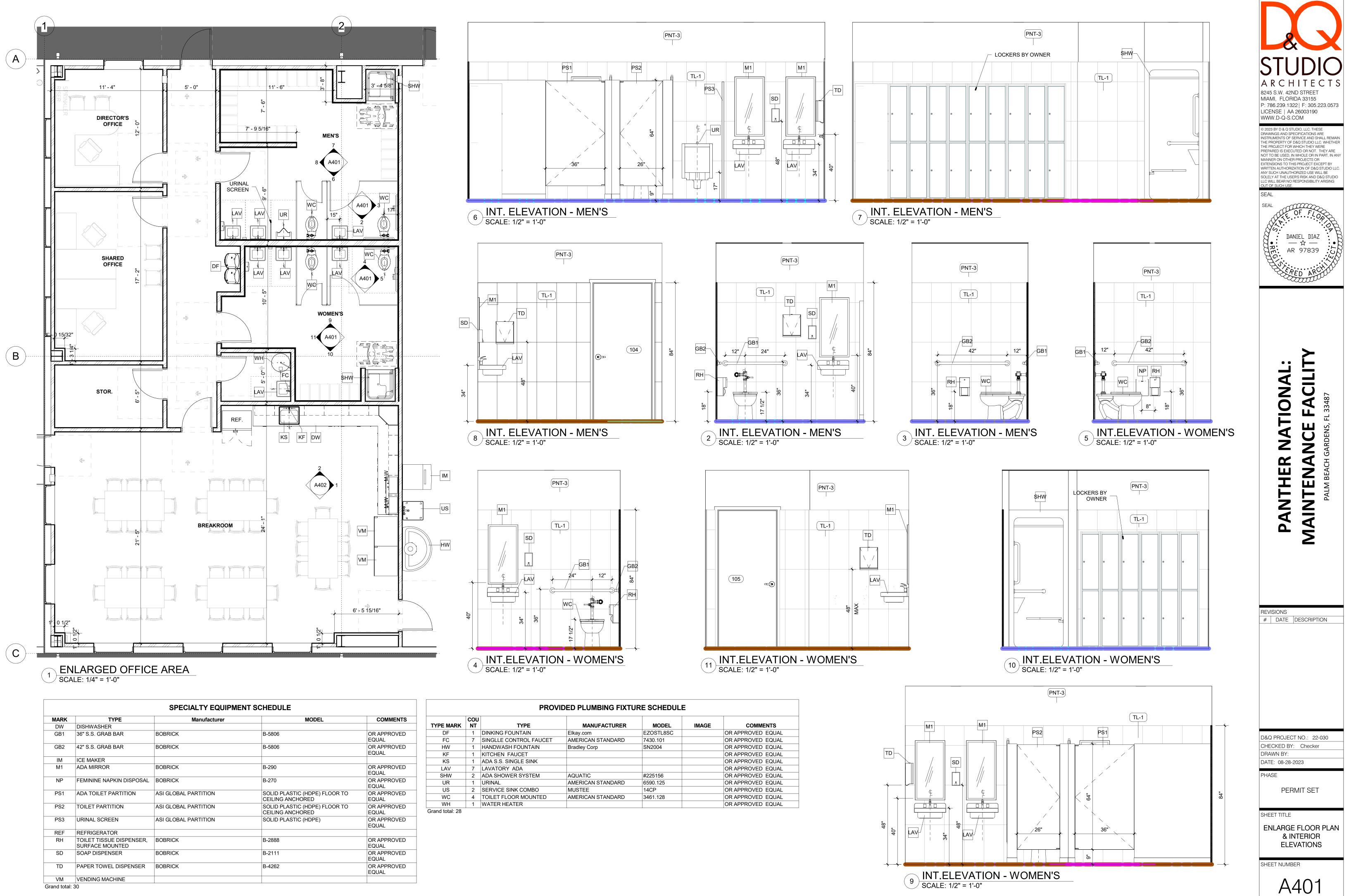


2 EQUIP STORAGE BUILDING SECTION SCALE: 3/8" = 1'-0"

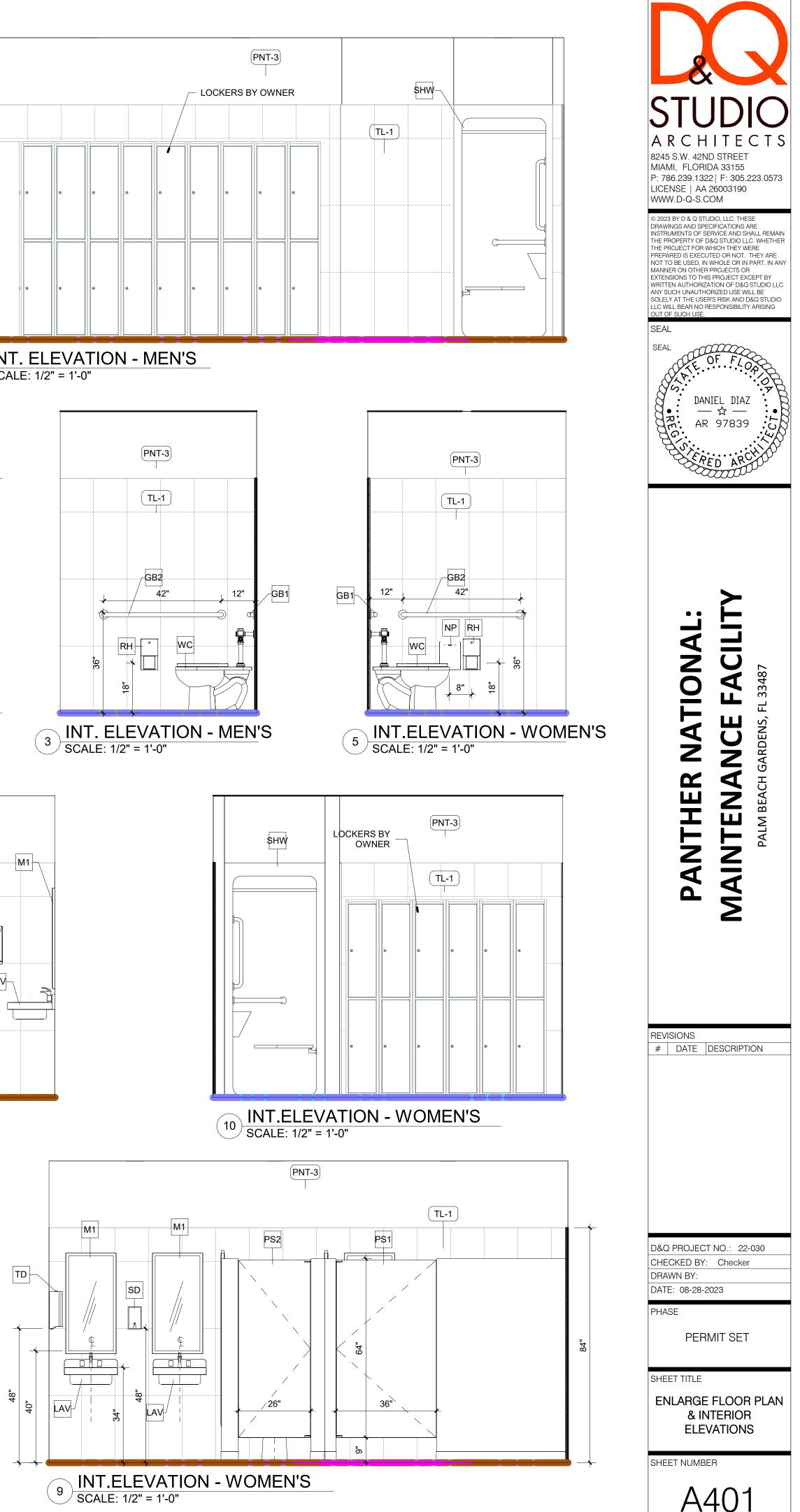


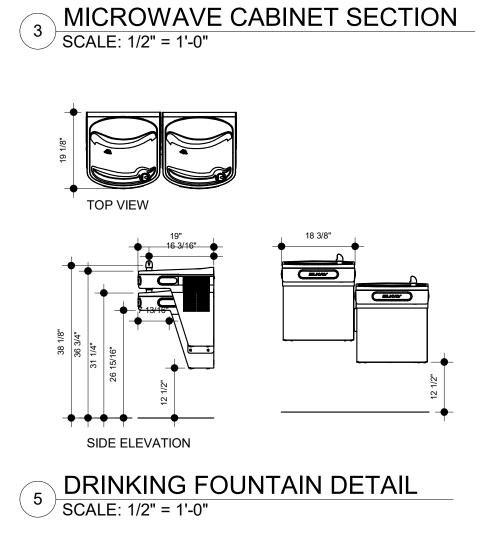


SCALE: 1/2" = 1'-0"



DW         DISHWASHER         OM		SPECIALTY EQUIPMENT SCHEDULE					PROVIDED PLUMBING FIXTURE SCHEDULE						
GB1       36* S.S. GRAB BAR       BOBRICK       B-5806       OR APPROVED EQUAL       CONTROL FAUCET       AMERICAN STANDARD       ZOSTLASC       OR APPROVED EQUAL         GB2       42' S.S. GRAB BAR       BOBRICK       B-5806       OR APPROVED EQUAL       OR APPROVED EQUAL       FC       7       SINGLE CONTROL FAUCET       AMERICAN STANDARD       7430.101       OR APPROVED EQUAL         IM       ICE MAKER       BOBRICK       B-290       OR APPROVED EQUAL       EQUAL       FC       1       INTROL FAUCET       MC       OR APPROVED EQUAL         NP       FEMININE NAPKIN DISPOSAL       BOBRICK       B-290       OR APPROVED EQUAL       OR APPROVED EQUAL       VK       1       ANDA S.S. SINGLE SINK       ICADA S.S. SINGLE SINK       ICADA S.S. SINGLE SINK       OR APPROVED EQUAL         NP       FEMININE NAPKIN DISPOSAL       BOBRICK       B-270       COLUL       COLUL       OR APPROVED EQUAL       ILAV       7       LAVATORY ADA       AQUATIC       #225156       OR APPROVED EQUAL         PS1       ADA TOILET PARTITION       SOLID PLASTIC (HOPE) FLOOR TO CELIURG ANCHORED       COUAL       OR APPROVED EQUAL       AMERICAN STANDARD       6500.125       OR APPROVED EQUAL         VF       TOILET FARTITION       SOLID PLASTIC (HOPE) FLOOR TO CELIURG ANCHORED       COUAL       COUAL<	MARK	ТҮРЕ	Manufacturer	MODEL	COMMENTS								
Sector and se	DW	DISHWASHER				TYPE MARK	NT			_	IMAGE		
GB2       42" S.S. GRAB BAR       BOBRICK       B-5806       OR APPROVED EQUAL       OR APPROVED EQUAL       HW       1       HANDWASH FOUNTAIN       Bradley Corp       SN2004       OR APPROVED EQUAL         IM       ADA MIRROR       BOBRICK       B-290       OR APPROVED EQUAL       KF       1       KITCHEN FAUCET       Importantion       OR APPROVED EQUAL         NP       FEMININE NAPKIN DISPOSAL       BOBRICK       B-270       OR APPROVED EQUAL       Importantion       OR APPROVED EQUAL       Importantion       OR APPROVED EQUAL         PS1       ADA TOILET PARTITION       ASI GLOBAL PARTITION       SOLID PLASTIC (HDPE) FLOOR TO CEILING ANCHORED       OR APPROVED EQUAL       Importantion       AMERICAN STANDARD       6590.125       OR APPROVED EQUAL         PS2       TOILET PARTITION       ASI GLOBAL PARTITION       SOLID PLASTIC (HDPE) FLOOR TO CEILING ANCHORED       OR APPROVED EQUAL       Importantion       AMERICAN STANDARD       6590.125       OR APPROVED EQUAL         VH       1       URINAL SCREEN       ASI GLOBAL PARTITION       SOLID PLASTIC (HDPE) FLOOR TO CEILING ANCHORED       OR APPROVED EQUAL       OR APPROVED EQUAL       OR APPROVED       MH       IWATER HEATER       Importantion       OR APPROVED EQUAL         SVERACE MOUNTED       ASI GLOBAL PARTITION       SOLID PLASTIC (HDPE)       GR APPROVED E	GB1	36" S.S. GRAB BAR	BOBRICK	B-5806	OR APPROVED	DF	1	DINKING FOUNTAIN	Elkay.com	EZOSTL8SC		OR APPROVED EQUAL	
Image: marking service					EQUAL	FC	7	SINGLLE CONTROL FAUCET	AMERICAN STANDARD	7430.101		OR APPROVED EQUAL	
IM     ICE MAKER     ICE MAKER <td>GB2</td> <td>42" S.S. GRAB BAR</td> <td>BOBRICK</td> <td>B-5806</td> <td></td> <td>HW</td> <td>1</td> <td>HANDWASH FOUNTAIN</td> <td>Bradley Corp</td> <td>SN2004</td> <td></td> <td>OR APPROVED EQUAL</td>	GB2	42" S.S. GRAB BAR	BOBRICK	B-5806		HW	1	HANDWASH FOUNTAIN	Bradley Corp	SN2004		OR APPROVED EQUAL	
M1     ADA MIRROR     BOBRICK     B-290     OR APPROVED EQUAL       M1     ADA MIRROR     BOBRICK     B-290     OR APPROVED EQUAL     EQUAL     Investment of the the test of tes					EQUAL	KF	1	KITCHEN FAUCET				OR APPROVED EQUAL	
Image: Control of the control of t	IM	ICE MAKER				KS	1	ADA S.S. SINGLE SINK				OR APPROVED EQUAL	
NP     Feminine Napkin Disposal     BoBRick     B-270     OR APPROVED EQUAL     OR APPROVED EQUAL     Add Tollet Partition     Add Tollet Partition     Solid Plastic (hDPE) FLOOR TO CEILING ANCHORED     OR APPROVED EQUAL     APPROVED EQUAL     Add Tollet Partition     Asi GLOBAL PARTITION     Solid Plastic (hDPE) FLOOR TO CEILING ANCHORED     OR APPROVED EQUAL     Image: Carrier Partition     Add Tollet Partition     Asi GLOBAL PARTITION     Solid Plastic (hDPE) FLOOR TO CEILING ANCHORED     OR APPROVED EQUAL     Image: Carrier Partition     Add Tollet Plastic (hDPE) FLOOR TO CEILING ANCHORED     OR APPROVED EQUAL     Image: Carrier Partition     Add Tollet Plastic (hDPE)     OR APPROVED EQUAL     Image: Carrier Partition     Add Tollet Plastic (hDPE)     OR APPROVED EQUAL     Image: Carrier Partition     Add Tollet Plastic (hDPE)     OR APPROVED EQUAL     Image: Carrier Partition     Add Tollet Plastic (hDPE)     OR APPROVED EQUAL     Image: Carrier Partition     Add Tollet Plastic (hDPE)     OR APPROVED EQUAL     Image: Carrier Partition     Add Tallet Plastic	M1	ADA MIRROR	BOBRICK	B-290		LAV	7	LAVATORY ADA				OR APPROVED EQUAL	
Image: constraint of the constr						SHW	2	ADA SHOWER SYSTEM	AQUATIC	#225156		OR APPROVED EQUAL	
PS1       ADA TOILET PARTITION       ASI GLOBAL PARTITION       SOLID PLASTIC (HDPE) FLOOR TO CEILING ANCHORED       OR APPROVED EQUAL       SERVICE SINK COMBO       MUSTE       14CP       OR APPROVED EQUAL         PS2       TOILET PARTITION       ASI GLOBAL PARTITION       SOLID PLASTIC (HDPE) FLOOR TO CEILING ANCHORED       OR APPROVED EQUAL       VIII 1       VIII TE FLOOR MOUNTED       AMERICAN STANDARD       3461.128       OR APPROVED EQUAL         PS3       URINAL SCREEN       ASI GLOBAL PARTITION       SOLID PLASTIC (HDPE)       OR APPROVED EQUAL       OR APPROVED EQUAL       VIII 1       WATER HEATER       Image: Company of the temperature       OR APPROVED EQUAL         RF4       REFRIGERATOR       SOLID PLASTIC (HDPE)       OR APPROVED EQUAL       OR APPROVED EQUAL       OR APPROVED       OR APPROVED         SDIE SUBJEDENSER, SDIE SCREEN       BOBRICK       B-2888       OR APPROVED EQUAL       OR APPROVED EQUAL       OR APPROVED         SDI SOAP DISPENSER, SD APPROVED LISPENSER       BOBRICK       B-2111       OR APPROVED EQUAL       OR APPROVED EQUAL       OR APPROVED EQUAL       VIIII + VIIIII + VIIII + VIIIII + VIIII + VIIII + VIIIII + VIIIII + VIIIII + VIIIII + VIIII +	NP	FEMININE NAPKIN DISPOSAL	BOBRICK	B-270		UR	1	URINAL	AMERICAN STANDARD	6590.125		OR APPROVED EQUAL	
PS1       ADA TOILET PARTITION       ASI GLOBAL PARTITION       SOLID PLASTIC (HDPE) FLOOR TO EQUAL       OR APPROVED EQUAL         PS2       TOILET PARTITION       ASI GLOBAL PARTITION       SOLID PLASTIC (HDPE) FLOOR TO CEILING ANCHORED       OR APPROVED EQUAL       MC       4       TOILET FLOOR MOUNTED       AMERICAN STANDARD       3461.128       OR APPROVED EQUAL         PS2       TOILET PARTITION       ASI GLOBAL PARTITION       SOLID PLASTIC (HDPE) FLOOR TO CEILING ANCHORED       OR APPROVED EQUAL       MH       1       WATER HEATER       OR APPROVED EQUAL         PS3       URINAL SCREEN       ASI GLOBAL PARTITION       SOLID PLASTIC (HDPE)       OR APPROVED EQUAL       OR APPROVED EQUAL       MH       1       WATER HEATER       OR APPROVED EQUAL         RFF       REFRIGERATOR       E       E       E       E       OR APPROVED EQUAL       Contact       MH       MT       MATER HEATER       MH       ME						US	2	SERVICE SINK COMBO	MUSTEE	14CP		OR APPROVED EQUAL	
WH       I       WATER HEATER       O       OR APPROVED EQUAL         PS2       TOILET PARTITION       ASI GLOBAL PARTITION       SOLID PLASTIC (HDPE) FLOOR TO CEILING ANCHORED       OR APPROVED EQUAL       WH       I       WATER HEATER       O       OR APPROVED EQUAL         PS3       URINAL SCREEN       ASI GLOBAL PARTITION       SOLID PLASTIC (HDPE)       OR APPROVED EQUAL       OR APPROVED EQUAL       OR APPROVED         RF       REFRIGERATOR       A       ASI GLOBAL PARTITION       B-2888       OR APPROVED EQUAL       OR APPROVED EQUAL       VH       I       WATER HEATER       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	PS1	ADA TOILET PARTITION	ASI GLOBAL PARTITION		EQUAL OR APPROVED								
PS2     TOLE F PARTITION     ASIGUBAL PARTITION     Solid PLASTIC (HDPE) FLOOR TO     OR APPROVED EQUAL       PS3     URINAL SCREEN     ASI GLOBAL PARTITION     SOLID PLASTIC (HDPE)     OR APPROVED EQUAL       REF     REFRIGERATOR     B-2888     OR APPROVED EQUAL       SURFACE MOUNTED     BOBRICK     B-2888     OR APPROVED EQUAL       SD     SOAP DISPENSER     BOBRICK     B-2111     OR APPROVED EQUAL       TD     PAPER TOWEL DISPENSER     BOBRICK     B-4262     OR APPROVED EQUAL	DCO						1	WATER HEATER				OR APPROVED EQUAL	
Image: Ref RigeratorFer RigeratorFer RigeratorRefRef RigeratorImage: Ref RigeratorRHTOILET TISSUE DISPENSER, SURFACE MOUNTEDBOBRICKBOBRICKB-2111OR APPROVED EQUALTDPAPER TOWEL DISPENSERBOBRICKB-4262Ref RigeratorBOBRICKB-4262OR APPROVED EQUAL	P52		ASI GLOBAL PARTITION										
REFREFRIGERATORIIRHCOILET TISSUE DISPENSER, SURFACE MOUNTEDBOBRICKB-2888OR APPROVED EQUALSDSOAP DISPENSERBOBRICKB-2111OR APPROVED EQUALTDPAPER TOWEL DISPENSERBOBRICKB-4262OR APPROVED EQUAL	PS3	URINAL SCREEN	ASI GLOBAL PARTITION	SOLID PLASTIC (HDPE)		-							
SURFACE MOUNTEDSURFACE MOUNTEDEQUALSDSOAP DISPENSERBOBRICKB-211OR APPROVED EQUALTDPAPER TOWEL DISPENSERBOBRICKB-4262OR APPROVED EQUAL	REF	REFRIGERATOR				-							
Image: A constraint of the const	RH		BOBRICK	B-2888		-							
EQUAL	SD	SOAP DISPENSER	BOBRICK	B-2111		-							
VM VENDING MACHINE	TD	PAPER TOWEL DISPENSER	BOBRICK	B-4262									
	VM	VENDING MACHINE											





/---(PL-1)

12"

15"

MW

= = = = = = =

24"

-

CABINET PULL TYP. EACH CABINET DOOR

MICROWAVE SHELF

PLASTIC LAMINATE

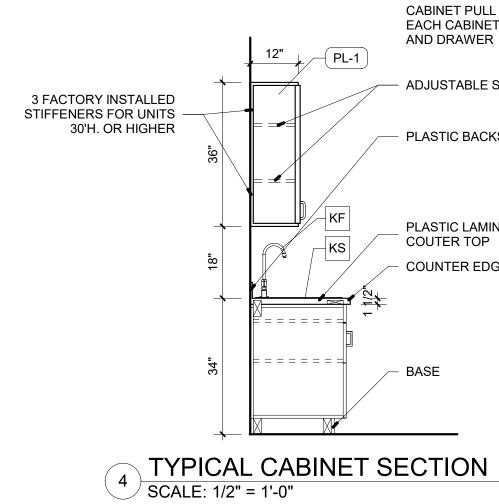
COUTER TOP

BASE

- COUNTER EDGE

- PLASTIC BACKSPLASH

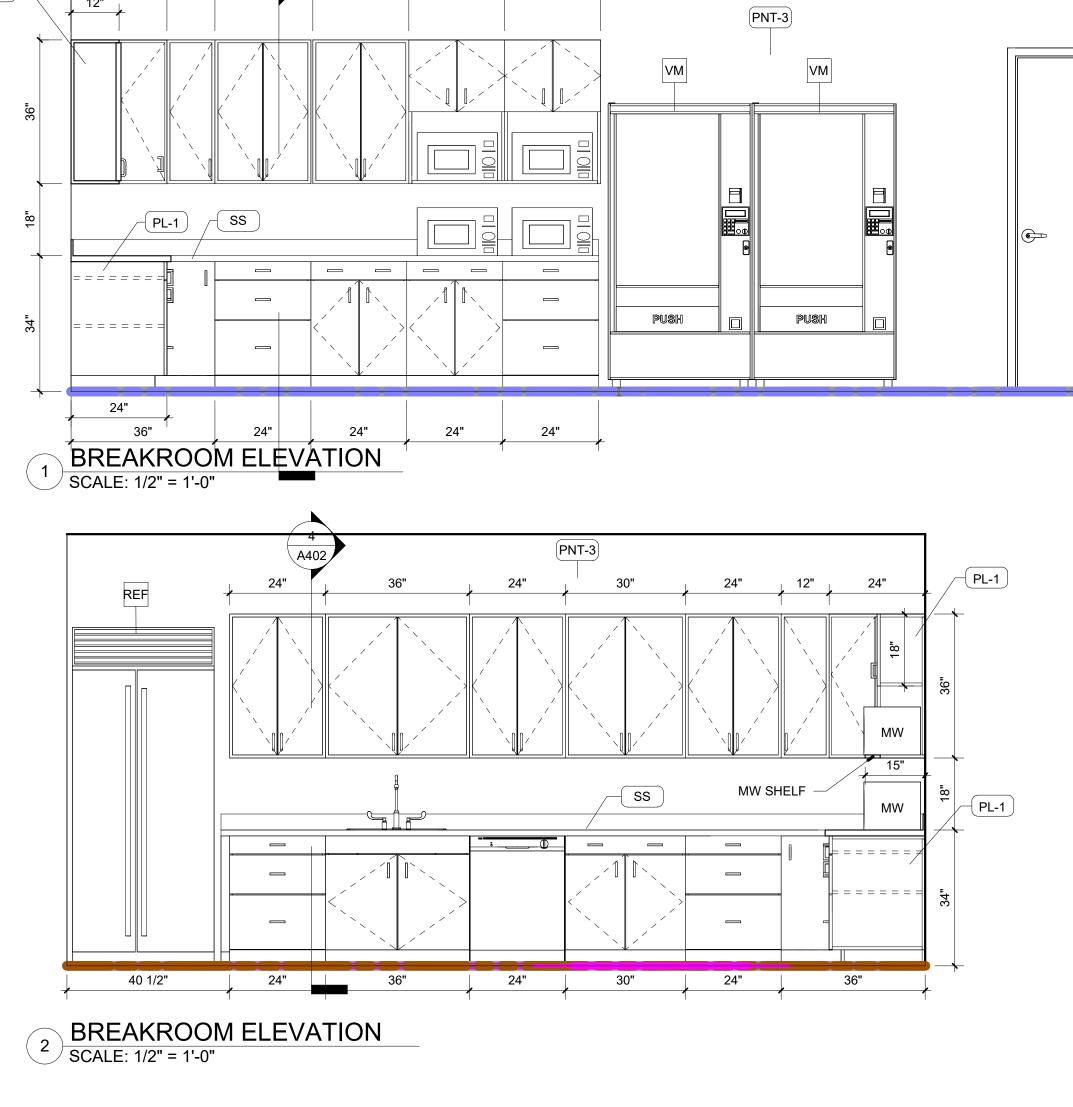
AND DRAWER



54"

6 WASHFOUNTAIN SCALE: 1/2" = 1'-0"

8990



<del>3</del> 24 1<del>1/2</del>02

24"

24"

24"

PL-1

24"

12"

12"

1

(107C)

BINET PULL TYP.
CH CABINET DOOR
D DRAWER

ADJUSTABLE SHELF

PLASTIC BACKSPLASH

PLASTIC LAMINATE COUTER TOP

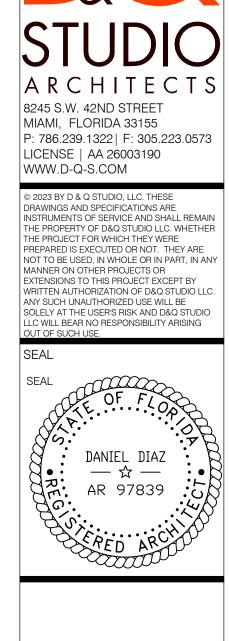
COUNTER EDGE

			FI	NISH			
ROOM NO	ROOM NAME	FLOOR	BASE	WALL	CEILING	CEILING HT	COMMENTS
100	HALLWAY	LVT-1	WB-1	PNT-3	ACT-1	9'-0"	
101	DIRECTOR'S OFFICE	LVT-1	WB-1	PNT-3	ACT-1	9'-0"	
102	SHARED OFFICE	LVT-1	WB-1	PNT-3	ACT-1	9'-0"	
103	STOR.	LVT-1	WB-1	PNT-3	ACT-1	9'-0"	
104	MEN'S	CT-1		PNT-3/ TL-1	PG-1	9'-0"	PROVIDE TRANSITION THRESHOLD
105	WOMEN'S	CT-1		PNT-3/ TL-1	PG-1	9'-0"	PROVIDE TRANSITION THRESHOLD
106	JANT.	CT-1		PNT-3	ACT-1	9'-0"	
107	BREAKROOM	LVT-1	WB-1	PNT-3	ACT-1	9'-0"	PROVIDE TRANSITION THRESHOLD
108	EQUIPMENT STORAGE	SC		PNT-3		OPEN TO STRUCTURE	
109	EQUIPMENT MAINTENANCE	SC		PNT-3		OPEN TO STRUCTURE	
110	MECH. OFFICE	LVT-1	WB-1	PNT-3	ACT-1	9'-0"	
111	MECH. PARTS	LVT-1	WB-1	PNT-3	ACT-1	9'-0"	
112	FERTILIZER STORAGE	SC		MB-1		OPEN TO STRUCTURE	

TEM TAG	DESCRIPTION	MFR./BASIS OF DESIGN	SPECIFICATION REFERENCE	COMMENTS
FLOORING:				
SC	SEALED CONCRETE	SEALED CONCRETE TBS	2 COAT SYSTEM, CLEAR PROVIDE NON-SLIP ADDITIVE	-
LVT-1	LUXUR VINYL TILE	FORMICA	STYLE: 8849-58 FINISH: TEXTURE MATTE COLOR: NATURAL TEAK ( OR SIMILAR, TBS) SIZE:	NOTE: PROVIDED AS A DESIGN BASIS. CONTACT: KELLY HENSLEY T: 770.235.824 KHENSLEY@ASPECTAFLOORING.COM
CT-1	PORCELAIN TILE	DALTILE FLOORING	SERIES: EXHIBITION SIZE: 12"x24", HORIZONTAL PATTERN: 1/3 OFFSET COLOR: TBS	-
BASE BOARD	:			
WB-1	RUBBER WALL BASE	JOHNSONITE	COVER PROFILE SIZE: 4" COLOR: MATCH FLOORING (TBS) USE PRE-FABRICATED CORNERS	CONTACT: JASON BAILEY 954.297.4547 JASONBAILEY@ VPFLOORINGDISTRIBUTORS.COM
CEILING:				
PG-1	PAINTED GYPSUM BOARD CEILING	SHERWIN WILLIAM (FLAT)	COLOR: EXTRA WHITE SW 7006	CEILING COLOR
ACT-1	ACOUSTICAL CEILING	ARMSTRONG		
WALL:				
PNT-3	INTERIOR PAINT OVER GWB	SHERWIN WILLIAM (EGGSHELL)	COLOR: WHITE DUCK SW 7010	GENERAL FIELD COLOR
PNT-4	INTERIOR PAINT OVER GWB	SHERWIN WILLIAM (SEMI GLOSS)	COLOR: EXTRA WHITE SW 7006	INTERIOR SIDE OF DOORS AND FRAMES
TL-1	WALL PORCELAIN TILE	DALTILE FLOORING	SERIES: EXHIBITION SIZE: 12"x24", HORIZONTAL PATTERN: 1/3 OFFSET COLOR: TBS	PROVIDE BASE COVE SCHLUTER AND SCHULTER ALUM TRIM PROFILE ON ALL EXPOSED EDGED.
MILLWORK:				
PL-1	LAMINATE	FORMICA	COLOR: TBS BY OWNER FINISH: MATTE	CONTACT: SANDY COLOME 305.613.7362 SANDYCOLOME@FORMICA.COM
COUNTERTO	PS:			
SS-1	SOLID SURFACE	LX HAUSYS	SERIES: HI-MACS COLOR:TBS NOTE: SHALL HAVE EASED EDGE	CONTACT: 866.544.4622

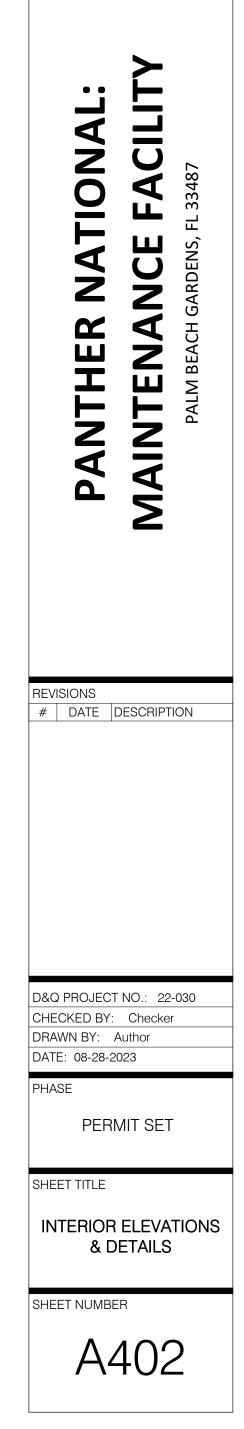
1. COLORS SAMPLES AND MOCK-UPS SHALL BE PROVIDED FOR OWNER'S APPROVAL. CG TO COORDINATE WITH OWNER 2. PROVIDE PRODUCT DATA/ SHOP DRAWING SUBMITTAL FOR ARCHITECT AND OWNER APPROVAL.

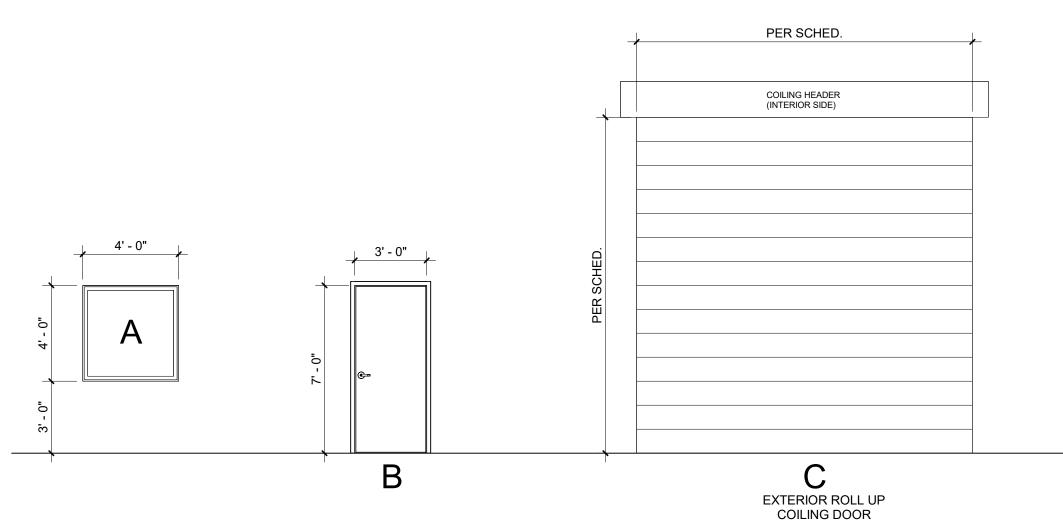
3. FINISH SELECTION KNOWN AS BASIS OF DESIGN. ALTERNATES AND SUBSTITUTIONS SHALL BE REVIEWED FOR ARCHITECT AND/OR OWNER APPROVAL.



## **ROOM FINISH SCHEDULE**

## INTERIOR FINISH LEGEND





WINDOW TYPES

DOOR TYPES

					DOOR S	CHEDULE				
		DIMENSIONS		DO	OR	FRAME		FRAME		
DR. #	WIDTH	НЕІСНТ	THK.	MATL.	FINISH	DR. TYPE	MATL.	FINISH	COMMENTS	
71									CHAIN LINK GATE	
72									CHAIN LINK GATE	
100	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
101	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
102	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
103	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
104	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
105	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
106	2'-6"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
107A	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
107B	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
107C	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
108A	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
108B	14'-0"	12'-0"	3"	METAL	PNT-1	С	METAL		OVERHEAD ROLLING DOOR	
108C	14'-0"	12'-0"	3"	METAL	PNT-1	С	METAL		OVERHEAD ROLLING DOOR	
108D	14'-0"	12'-0"	3"	METAL	PNT-1	С	METAL		OVERHEAD ROLLING DOOR	
108E	13'-3 1/4"	12'-0"	3"	METAL	PNT-1	С	METAL		OVERHEAD ROLLING DOOR	
108F	14'-0"	12'-0"	3"	METAL	PNT-1	С	METAL		OVERHEAD ROLLING DOOR	
108G	14'-0"	12'-0"	3"	METAL	PNT-1	С	METAL		OVERHEAD ROLLING DOOR	
109A	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
109B	14'-0"	12'-0"	3"	METAL	PNT-1	С	METAL		OVERHEAD ROLLING DOOR	
109C	12'-0"	7'-0"							CASED OPENING	
110	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
111	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
112A	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
112B	14'-0"	12'-0"	3"	METAL	PNT-1	С	METAL		OVERHEAD ROLLING DOOR	
112C	14'-0"	12'-0"	3"	METAL	PNT-1	С	METAL		OVERHEAD ROLLING DOOR	
113A	3'-0"	7'-0"	1 3/4"	METAL	PNT-4	В	METAL	PNT-4		
113B	20'-0"	12'-0"	3"	METAL	PNT-1	С	METAL		OVERHEAD ROLLING DOOR	

## DOOR SCHEDULE NOTES:

1. HEAVY DUTY COMMERCIAL DOOR CLOSER. 2. DO NOT UNDERCUT DOORS.

3. PROVIDE A.D.A. COMPLIANT THRESHOLD W/ SOUND SWEEPS AT PRIVACY LOCATIONS.

4. CONTRACTOR SHALL PROVIDE AND INSTALL CUSTOMARY ACCESSORIES (SILENCERS, DOOR STOPS, ETC.) 5. COORDINATION BETWEEN INTERIOR FRAMELESS GLASS DOOR BY CR LAURENCE AND DIGITAL LOCK BY ADAMS RITE REQUIRED. 6. PROVIDE DISTRACTION SAFETY MARKERS AT INTERIOR FRAMELESS GLAZING PER THE DESIGN MANUAL GDSI 2.0, SECTION 6.4.

HARDWARE NOTES (DOORS & STOREFRONTS):

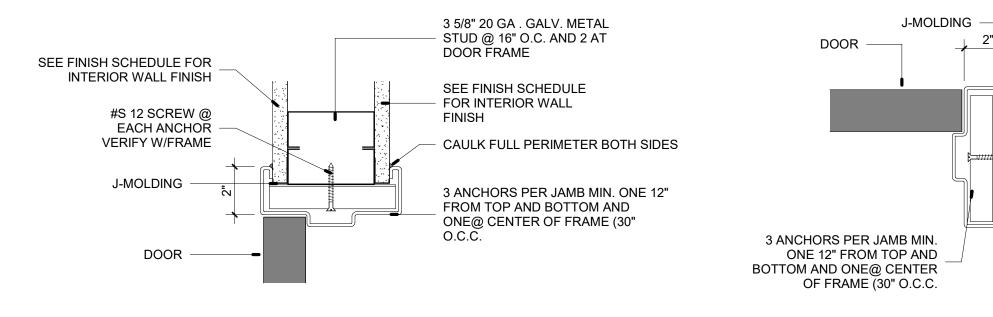
1. ALL HARDWARE & THRESHOLDS TO COMPLY WITH CURRENT FLORIDA ACCESSIBILITY CODE.

2. ALL EXIT DOORS SHALL COMPLY WITH N.F.P.A. 101 5.2.1.5 AND 5.1.13, AND 2020 FBC 7th EDITION. 3. ALL EXTERIOR DOORS THAT ARE EXISTING TO REMAIN, REFER TO HARDWARE SETS

4. CONTRACTOR SHALL PROVIDE AND INSTALL CUSTOMARY ACCESSORIES (SILENCERS, DOOR STOPS, ETC.) FOR ALL DOORS WITH FINISHES AND STYLES PER HARDWARE SPECIFICATIONS. 5. INTERIOR DOOR HARDWARE INCLUDE BUT NOT LIMITED TO: NOTTING HILL SERIES / MT LEVER / CR ROSE/ 130 KCT 1 THUMB / SATIN CHROME PLATED (26D) FINISH.

6. SEE HARDWARE SPECIFICATIONS FOR HARDWARE SETS.7. ALL DOORS AND HARDWARE TO COMPLY WITH THE DESIGN MANUAL GDSI 2.0.

	WINDOW SCHEDULE									
	NOMINA	L SIZE								
TYPE	WIDTH	HEIGHT	MATERIAL	FINISH	FRAME MATERIAL	COMMENTS				
А	4'-0"	4'-0"	H.M. FIXED		ALUM-1					



6 TYP. DOOR JAMB DETAIL PARTITION SCALE: 3" = 1'-0"

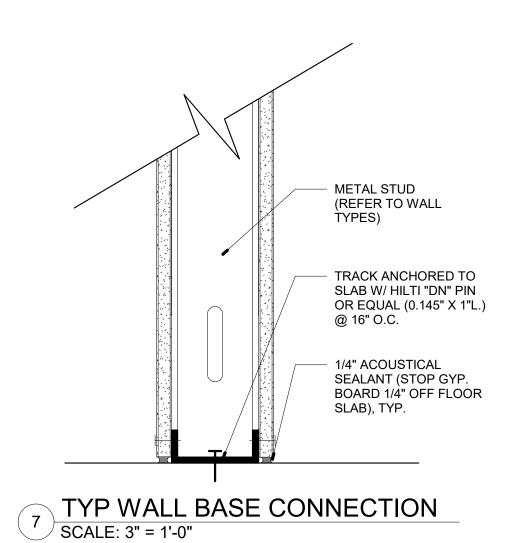
- FOR INTERIOR WALL FINISH CAULK FULL PERIMETER BOTH SIDES

SEE FINISH SCHEDULE

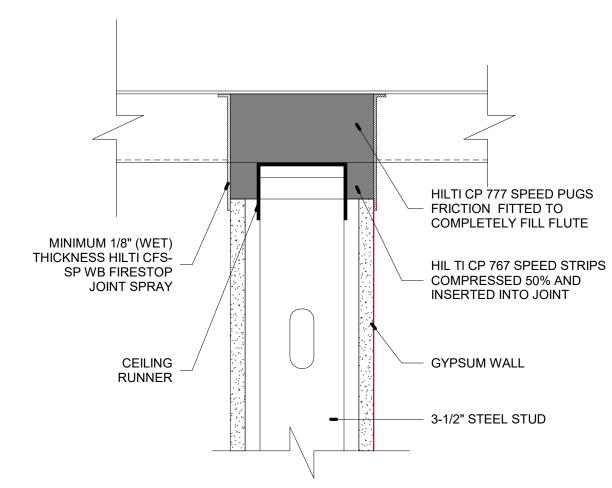
3 5/8" 20 GA . GALV. METAL STUD @ 16" O.C. AND 2 AT DOOR FRAME

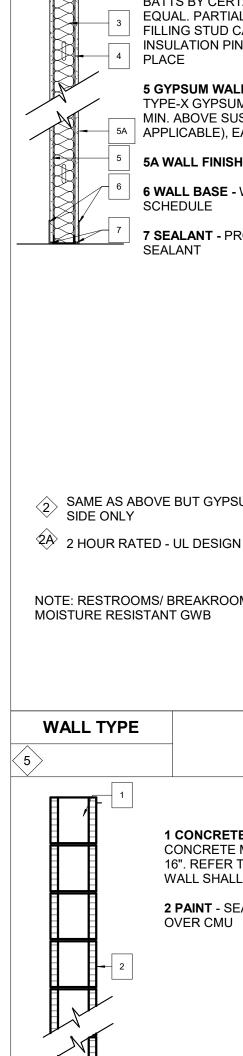
SEE FINISH SCHEDULE - FOR INTERIOR WALL FINISH

#S 12 SCREW @ EACH ANCHOR VERIFY W/FRAME



## 4 HEADWALL DETAIL SCALE: 3" = 1'-0"



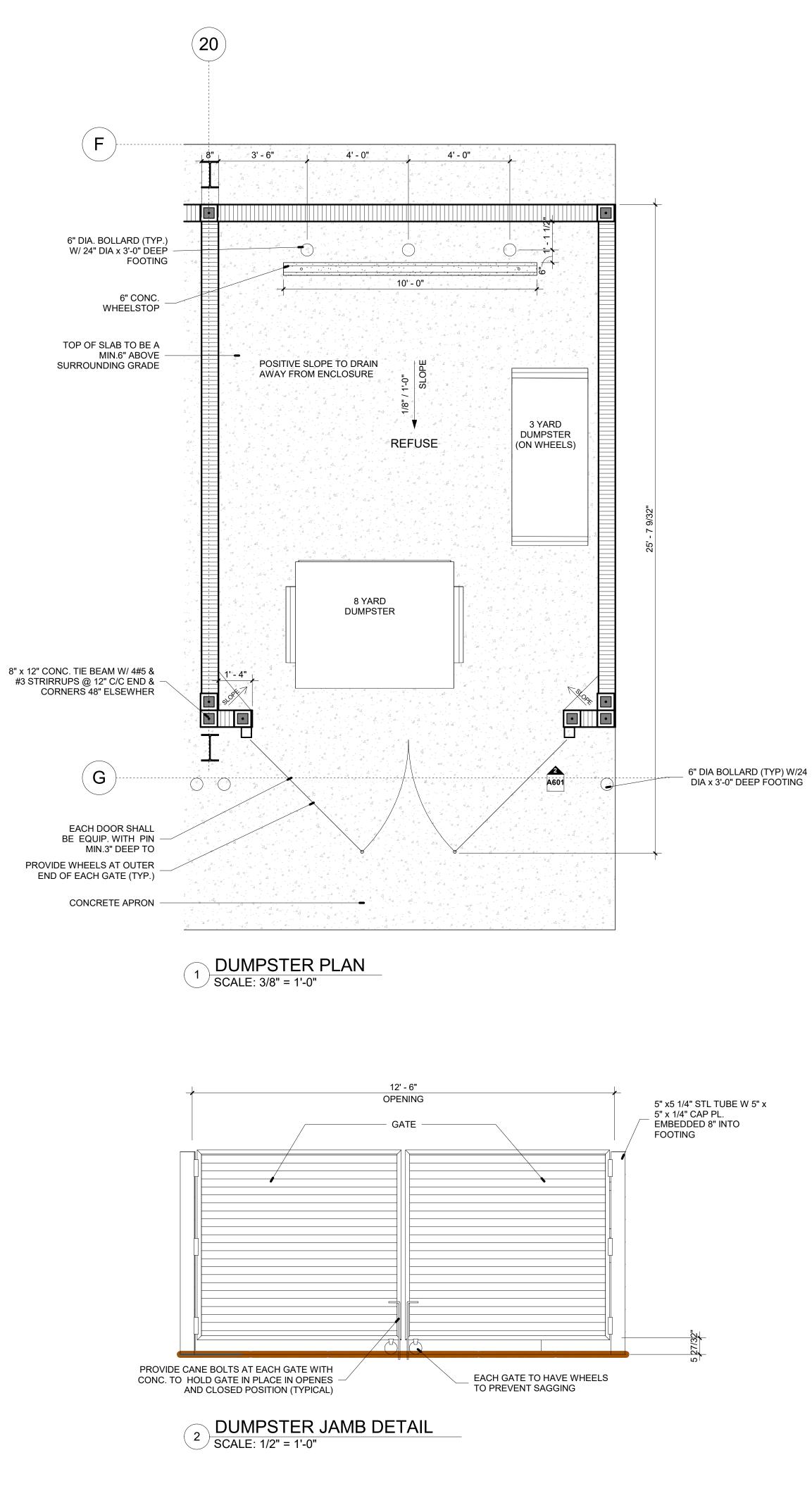


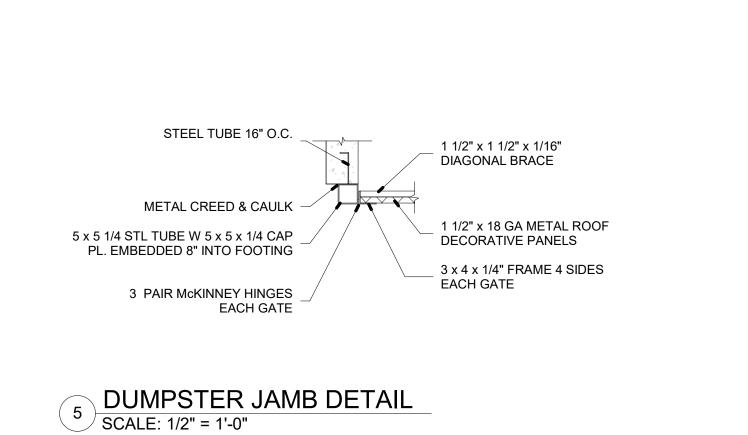
4 - 4 - 1

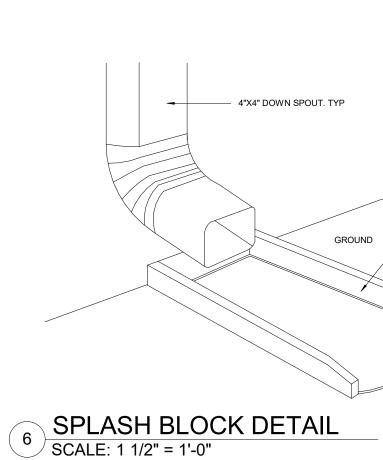
WALL TYPE

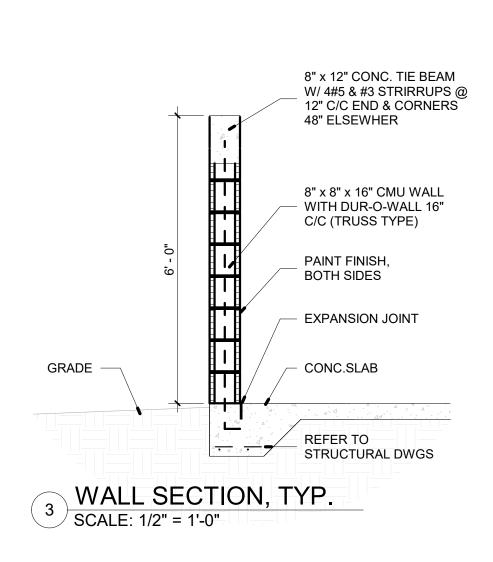
	FIRE RATING NA	WALL TYPE	FIRE RATING
INTR 1 UNDERSIDE OF STRUC REFER TO STUD ATTACH 2. CEILING - REFER TO F CEILING PLAN. EXPOSED 3 STEEL STUDS- 3-5/8" N GA. FRAMING @ 16 INCH UNDERSIDE OF STRUCTU 2 4 ACOUSTICAL INSULAT CERTAPRO ACOUSTATH BATTS BY CERTAINTEED 3 FILLING STUD CAVITY. PH INSULATION PINS TO HO PLACE 5 GYPSUM WALLBOARD TYPE-X GYPSUM WALLBO MIN. ABOVE SUSPENDED 5 A WALL FINISH - PER FIN 6 WALL BASE - WALL BAS SCHEDULE 7 SEALANT - PROVIDE CO SEALANT	IMENT DETAIL REFLECTED ABOVE METAL STUD 20 O.C. MAX., TO URE ABOVE CON - R-11 ERM UNFACED OR APPROVED OMPLETELY ROVIDE WIRE OR LD INSULATION IN - (1) LAYER 5/8" OARD (EXTEND 6" D CEILING WHERE E. NISH SCHEDULE. SE PER FINISH		<ul> <li>1 UNDERSIDE OF STRUCTURE ABOVE - REFER TO STUD ATTACHMENT DETAIL</li> <li>2. CEILING - REFER TO REFLECTED CEILING PLAN FOR MATERIAL AND HGT.</li> <li>3 STEEL STUDS- 3 5/8" METAL STUD 20 GA. FRAMING @ 16 INCH O.C. MAX., TO UNDERSIDE OF STRUCTURE ABOVE</li> <li>4 ACCOUSTICAL INSULATION - R-11 CERTAPRO ACOUSTATHERM UNFACED BATTS BY CERTAINTEED OR APPROVED EQUAL. PARTIALLY OR COMPLETELY FILLING STUD CAVITY. PROVIDE WIRE O INSULATION PINS TO HOLD INSULATION PLACE</li> <li>5 GYPSUM WALLBOARD - (1) LAYER 5/8 TYPE-X GYPSUM WALLBOARD (EXTEND MIN. ABOVE SUSPENDED CEILING WHEF APPLICABLE)</li> <li>5A TILE BACKER BOARD - (1) LAYER OF 5/8" THICK TILE BACKER BOARD, ATTACHED TO STEEL STUD FROM FLOORS TO CEILING</li> <li>6 WALL TILE - PROCELAIN/CERAMIC TILM TO CEILING. REFER TO INTR. ELEVATION</li> <li>7 WALL BASE - WALL BASE PER FINISH SCHEDULE</li> <li>8 SEALANT - PROVIDE CONTINUOUS SEALANT</li> </ul>
E AS ABOVE BUT GYPSUM WALL ONLY UR RATED - UL DESIGN #U411 STROOMS/ BREAKROOM SHALL E RESISTANT GWB		<ul> <li>✓ SAME AS AB WITH TILE TW</li> </ul>	OVE BUT 5-5/8" METAL STUD VO SIDES
ТҮРЕ	FIRE RATING 2-HOUR	WALL TYPE	FIRE RATING
1 1 CONCRETE MASON CONCRETE MASONR 16". REFER TO STRUC WALL SHALL MEET FI 2 PAINT - SEALED AND OVER CMU 2 2	Y UNITS 8" x 8" x CT DWGS. RE RATING		
FLOOR		WIDE WITH 1-5/16" A	" CHANNEL SHAPED, 2 - 1/2" INCH ND 1-7/16" LEGS AND 1/4" FOLDED SG GALV. STEEL. LENGTH TO BE 1/2"

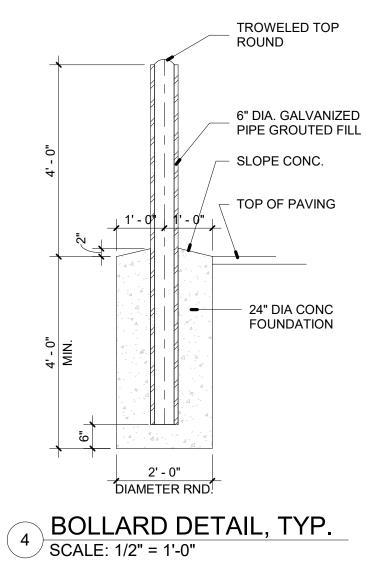
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DANIEL DIAZ DANIEL DIAZ AR 97839 CONTRACTOR
PANTHER NATIONAL: MAINTENANCE FACILITY PAIM BEACH GARDENS, FL 33487
REVISIONS # DATE DESCRIPTION
D&Q PROJECT NO.: 22-030 CHECKED BY: Checker DRAWN BY: DATE: 08-28-2023 PHASE PERMIT SET
SHEET TITLE DOOR SCHEDULE & WALL TYPES SHEET NUMBER A501













PRECAST SPLASHBLOCK 12" X 30"