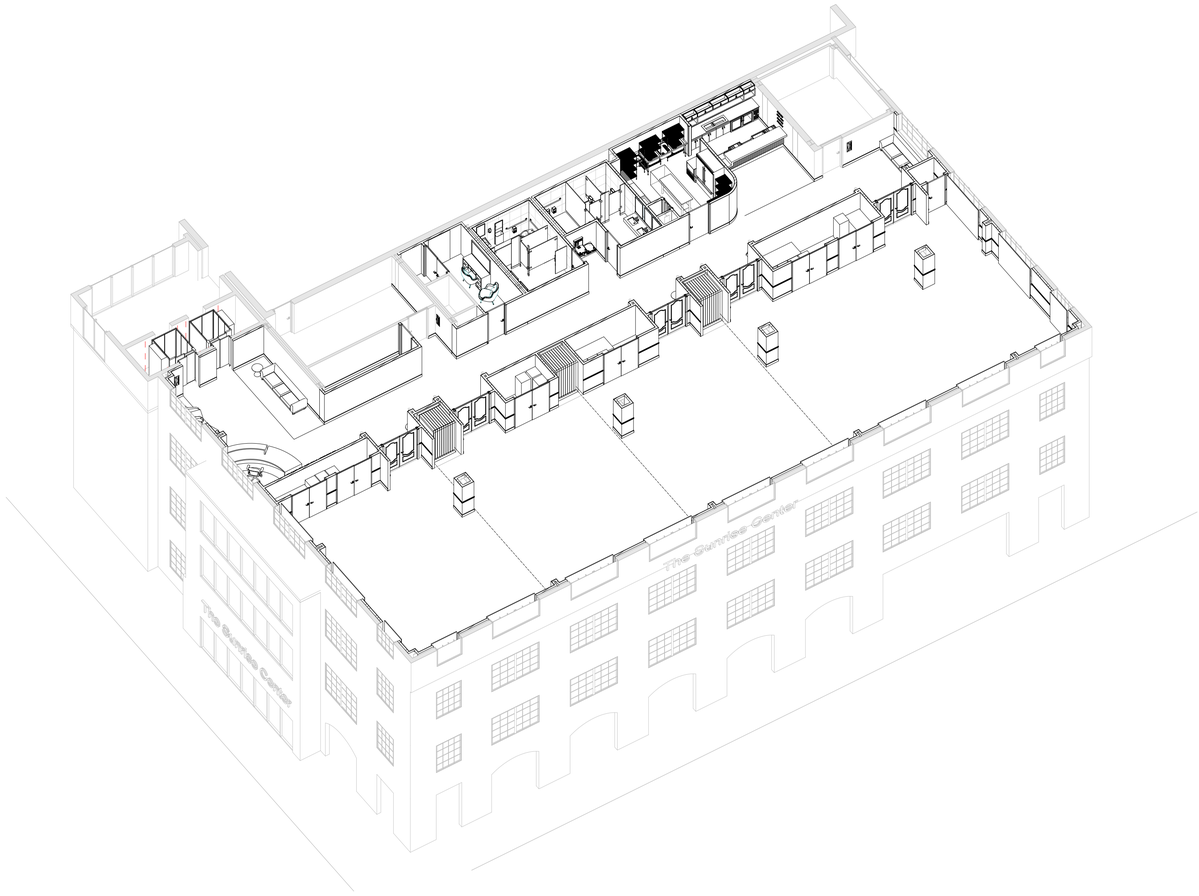
100% CONTRACT DOCUMENTS FOR:

SUNRISE EVENT CENTER



300 ORANGE AVENUE,
FORT PIERCE, FL 34950

3-31-2026

25-124

ARCHITECTS DESIGN
COLLABORATIVE, LLC

ARCHITECTURE | URBAN DESIGN
PLANNING | INTERIORS

10489 SOUTHWEST MEETING ST
TRADITION,
PORT ST. LUCIE, FL 34987
TEL. (772) 286 9004

WWW.ADC-ARCHITECTS.NET

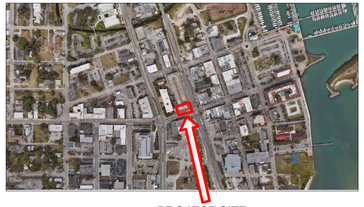
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ACC	ACCESSIBLE
ACT	ACOUSTIC CEILING TILE
ACOUST	ACOUSTICAL
APC	ACOUSTICAL PANEL CEILING
ADJ	ADJACENT
AGGR	AGGREGATE
AC	AIR CONDITIONING
ALT	ALTERNATE
ALUM	ALUMINUM
AB	ANCHOR BOLT
&	AND
ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AD	AREA DRAIN
ASPH	ASPHALT
@	AT
ATTN	ATTENTION
AV	AUDIOVISUAL
AUTO	AUTOMATIC
BSMNT	BASEMENT
BM	BEAM
BRG	BEARING
BIT	BITUMINOUS
BLK	BLOCK
BLKG	BLOCKING
BD	BOARD
BOT	BOTTOM
BO	BOTTOM OF
BRKT	BRACKET
BRK	BRICK
BLDG	BUILDING
CAB	CABINET
CPT	CARPET
CI	CAST IRON
CIP	CAST-IN-PLACE
CB	CATCH BASIN
CAT	CATEGORY
CLG	CEILING
CEM	CEMENT
CB	CEMENT BOARD
CBU	CEMENTITIOUS BACKER UNIT
CTR	CENTER
CC	CENTER TO CENTER
CL	CENTERLINE
CER	CERAMIC
CT	CERAMIC TILE
C	CHANNEL
CH	CHILLER
CO	CLEANOUT
CLR	CLEAR
CCTV	CLOSED CIRCUIT TELEVISION
CW	COLD WATER
COL	COLUMN
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
DEPT	DEPARTMENT
DTL	DETAIL
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DIMS	DIMENSIONS
DW	DISHWASHER
DISP	DISPENSER
DIV	DIVISION
DR	DOOR
DO	DOOR OPENING
DBL	DOUBLE
DN	DOWN
DS	DOWNSPOUT
DRN	DRAIN
DWR	DRAWER
DWG	DRAWING
DF	DRINKING FOUNTAIN
EA	EACH
E	EAST
ELEC	ELECTRICAL
EP	ELECTRICAL PANEL
EL	ELEVATION
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
ENG	ENGINEER
EQ	EQUAL
EQUIP	EQUIPMENT
EPDM	ETHYLENE PROPYLENE DIENE M-CLASS
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EB	EXPANSION BOLT
EJ	EXPANSION JOINT
EXT	EXTERIOR
FWC	FABRIC WALL COVERING
FWP	FABRIC WRAPPED PANEL
FB	FACE BRICK
FO	FACE OF
FT	FEET/FOOT
FRC	FIBER REINFORCED CONCRETE
FIN	FINISH
FFEL	FINISH FLOOR ELEVATION
FA	FIRE ALARM
FDC	FIRE DEPARTMENT CONNECTION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FHC	FIRE HOSE CABINET
FP	FIRE PROTECTION
FR	FIRE RESISTANT
FRT	FIRE RETARDANT TREATED
FPG	FIREPROOFING
FIXT	FIXTURE
FLASH	FLASHING
FH	FLAT HEAD
FLR	FLOOR
FD	FLOOR DRAIN
FD	FLOOR DRAIN OR FIRE DEPARTMENT
FLUOR	FLUORESCENT
FFB	FLUSH FLOOR BOX
FTG	FOOTING
FND	FOUNDATION
FURN	FURNITURE
FF&E	FURNITURE, FIXTURES AND EQUIPMENT
FURR	FURRING
GALV	GALVANIZED
GSM	GALVANIZED SHEET METAL
GV	GAS VALVE
GA	GAUGE
GEN	GENERAL
GC	GENERAL CONTRACT(OR)
GL	GLASS
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GLAZ	GLAZING
GB	GRAB BAR
GRAN	GRANULAR
GRD	GROUND
GYP	GYPSUM
GWB	GYPSUM WALL BOARD
HC	HANDICAPPED
HNDRL	HANDRAIL
HDWR	HARDWARE
HDWD	HARDWOOD
HTG	HEATING
HVAC	HEATING VENTILATION & AIR CONDITIONING
HGT	HEIGHT
H	HIGH/HEIGHT
HO	HOLD OPEN
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HB	HOSE BIB
HB	HOSE BIBB
HRC	HOSE REEL CABINET
HW	HOT WATER
HR	HOUR
INCAND	INCANDESCENT
IN	INCH/INCHES
INCL	INCLUDED/INCLUDING
INFO	INFORMATION
ID	INSIDE DIAMETER
INSUL	INSULATED OR INSULATION
INSUL	INSULATION
INT	INTERIOR
INTERM	INTERMEDIATE
INV	INVERT
JAN	JANITOR
JC	JANITOR'S CLOSET
JT	JOINT
JST	JOIST
KIT	KITCHEN
KO	KNOCK OUT
LAM	LAMINATE
LAV	LAVATORY
LT	LIGHT
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LB	POUNDS
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
N	NORTH
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
OD	OVERFLOW DRAIN
ORD	OVERFLOW ROOF DRAIN
OH	OVERHEAD
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
P	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
PL	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
PREFAB	PREFABRICATED
PT	PRESSURE TREATED
PROJ	PROJECT
QTY	QUANTITY
QT	QUARRY TILE
RAD	RADIUS
R	RADIUS/RISER
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
REQD	REQUIRED
RESIL	RESILIENT
RB	RESILIENT BASE
RA	RETURN AIR
REV	REVISION/REVISED
RD	ROOF DRAIN
RM	ROOM
RO	ROUGH OPENING
RBR	RUBBER
SCHED	SCHEDULE
SECT	SECTION
SAF	SELF ADHERED FLASHING
SSK	SERVICE SINK
SHT	SHEET
SM	SHEET METAL
SHR	SHOWER
SIM	SIMILAR
SC	SOLID CORE
STC	SOUND TRANSMISSION COEFFICIENT
S	SOUTH
SPKR	SPEAKER
SPEC	SPECIFICATION
SPEC	SPECIFIED OR SPECIFICATION
SH	SPRINKLER HEAD
SPK	SPRINKLER OR SPEAKER
SQ	SQUARE
SF	SQUARE FEET/FOOT
SS	STAINLESS STEEL
SP	STANDPIPE
STA	STATION
STL	STEEL
STOR	STORAGE
SD	STORM DRAIN
STRG	STRINGER
STRUCT	STRUCTURAL
STRUCT	STRUCTURE OR STRUCTURAL
SUBCAT	SUBCATEGORY
SA	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
TB	TOWEL BAR
T	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
VCT	VINYL COMPOSITION TILE
VT	VINYL TILE
VWC	VINYL WALL COVERING
VP	VISION PANEL
WSCT	WAINSCOT
WC	WATER CLOSET
WV	WATER VALVE
WPM	WATERPROOF MEMBRANE
WP	WATERPROOF/WATERPROOFING
WS	WEATHER-STRIPPING
WT	WEIGHT
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
W	WIDE/WEST
WIN	WINDOW
WM	WIRE MESH
W/	WITH
W/O	WITHOUT
WD	WOOD

STANDARD SYMBOLS

101 ROOM SPACE NUMBER	SLOPE DIRECTION OF SLOPE
ABC... NOTES	BREAK LINE
1 WALL TYPE	1 REVISION MARK, REVISION NUMBER
AF WINDOW LETTER	AREA TO BE DEMOLISHED
1F STOREFRONT NUMBER/LETTER	FIN. 1ST FLOOR ELEV.=0'-0" A.F.F. FLOOR PLAN ELEVATION NOTE
101 DOOR TAG	0' - 0" REFLECTED CEILING PLAN ELEVATION NOTE
1 / A100 DETAIL NUMBER, SHEET/REFERENCE DWG NUMBER, INTERIOR ELEVATION, WALL (SHADE PORTIONS - SIDE CONSIDERED)	ELEV. +/-0'-0" F.F. FIRST FLOOR ELEV. ELEVATION LEVEL, LEVEL LINE/CONTROL POINT
1 / A100 DETAIL NUMBER, SHEET/REFERENCE DWG NUMBER, DETAIL	+10.5' NEW OR EQUIPPED POINT ELEVATION (PLAN)
1 / 101 SECTION LETTER, SHEET NUMBER, BUILDIING SECTION	+10.5' EXISTING POINT ELEVATION (PLAN)
ELEVATION, CHANGE IN SURFACE ELEVATION	TEST BORING
FLUSH OR CONTINOUS SURFACE	

RCP LEGEND SYMBOLS

HI HAT LED LIGHT RECESSED	EMERGENCY LIGHT STROBE & SIREN
CEILING MOUNTED WALL MOUNTED LED LIGHT FIXTURES	SECURITY CLOSED TV - CAMERA (MONITORED) LED FIXTURE
1 x 2 WRAPAROUND LED FIXTURE	SECURITY CAMERA CEILING MTD LED FIXTURE (MOTION ACTIVATED)
4" ROUND, APERTURE VAPOR PROOF (DAMP LOCATION) VP	FAN
2 x 4 RECESSED TROFFER LED FIXTURE	AIR DUCTS
2 x 4 RECESSED TROFFER EMERGENCY	RETURN AIR GRILLE
2 x 32W SURFACE - MOUNT LED FIXTURE - 2 TUBE (T-8)	EXHAUST FIXTURE
EXTERIOR FLOODLIGHTS LED FIXTURE W/ MOTION SENSOR	FAN EXHAUST FIXTURE 75 CFM EXHAUST
EXTERIOR FLOODLIGHTS DECKS OR SOFFITS LED FIXTURE	AC DIFFUSSER
EXIT EXIT LIGHT W/ BATTERY BACKUP	AC LINEAR DIFFUSSER
EMERGENCY LIGHT W/ BATTERY BACKUP	
EXIT EXIT & EMERGENCY LIGHT COMBINATION FIXTURE	SP EXISTING FIRE SPRINKLER HEAD



PROJECT SITE

LOCATION MAP

FOURTH FLOOR KEY PLAN

INDEX OF DRAWINGS

SHEET #	DESCRIPTION	CURRENT REV.
1 ARCHITECTURE		
A000	COVER SHEET - TENANT IMPROVEMENT	
A001	INDEX OF DRAWINGS, ABBREVIATIONS AND SYMBOLS	
A002	ACCESSIBILITY	
A003	TOILET ACCESSORIES & MOUNTING HEIGHTS	
AN002	ARCHITECTURAL GENERAL NOTES AND DATA	
AN003	ARCHITECTURAL GENERAL NOTES AND DATA	
LS101	LIFE SAFETY PLAN	
A101	ARCHITECTURAL FLOOR PLAN	
A102	ROOM CONFIGURATION LAYOUT OPTIONS	
A103	FURNITURE FLOOR PLAN & SCHEDULE	
A104	FOOD SERVICE	
A200	REFLECTED CEILING PLAN	
A201	REFLECTED CEILING PLAN	
A202	REFLECTED CEILING PLAN	
A600	WALL TYPES & WALL DETAILS	
A700	DOOR & WINDOWS SCHEDULE	
A800	SPECIAL EQUIPMENT & PLUMBING FIXTURE SCHEDULE	
ID100	INTERIOR ELEVATIONS/PLAN	
ID101	INTERIOR RESTROOM ELEVATIONS	
ID102	WALL WRAP MURAL	
ID103	SIGNAGE DETAILS	
ID104	SIGNAGE DETAILS	
ID200	MILLWORK DETAILS	
ID201	MILLWORK DETAILS	
ID300	FINISH FLOOR PLAN	
2 PLUMBING ENGINEERING		
P001	PLUMBING GENERAL NOTES & LEGEND	
P201	PLUMBING PRESSURE FLOOR PLAN	
P202	PLUMBING SANITARY FLOOR PLAN	
P301	PLUMBING ISOMETRICS	
P801	PLUMBING DETAILS	
3 MECHANICAL ENGINEERING		
M001	MECHANICAL GENERAL NOTES & LEGEND	
MD201	MECHANICAL DEMO PLAN	
M201	MECHANICAL FLOOR PLAN	
M202	MECHANICAL ROOF PLAN	
M701	MECHANICAL CONTROLS & SCHEDULE	
M801	MECHANICAL DETAILS	
M802	MECHANICAL DETAILS	
4 ELECTRICAL ENGINEERING		
E001	ELECTRICAL GENERAL NOTES & LEGENDS	
E002	ELECTRICAL SPECIFICATIONS	
ED201	ELECTRICAL POWER DEMO FLOOR PLAN	
E201	ELECTRICAL POWER RENO FLOOR PLAN	
E202	ELECTRICAL POWER ROOF PLAN	
E301	ELECTRICAL LIGHTING PLAN	
E302	LIGHTING PHOTOMETRIC	
E401	PARTIAL FIRE ALARM RISER DIAGRAM	
E501	ELECTRICAL RISER DIAGRAM	
E701	ELECTRICAL PANEL SCHEDULES	
E801	ELECTRICAL DETAILS	
E802	ELECTRICAL DETAILS	
TOTAL NUMBER OF SHEETS IN SET: 49		

INTENT OF CONTRACT DOCUMENT:

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PROJECT NARRATIVE:

THESE CONSTRUCTION DOCUMENTS ARE INTENDED FOR THE INTERIOR RENOVATION OF THE FOURTH FLOOR OF AN EXISTING MULTI-STORY BUILDING LOCATED AT 300 AVENUE A, FORT PIERCE, FL 34950.

BUILDING AREA TABULATIONS:

EXISTING 4TH LEVEL: 26,039 S.F. (TOTAL)

AREA OF WORK: 7,670 S.F. (TENANT AREA)

CONSULTANTS

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M/E/P ENGINEERS:
ELITE ENGINEERING GROUP
3644 SW 24TH ST.
MIAMI, FL 33145
TEL: (786)-354-8617

SHOP DRAWING SUBMITTAL LIST

1. FLOORING FINISHES
2. PAINT FINISHES
3. LIGHTING FIXTURES
4. ACOUSTICAL CEILING TILE
5. BAFFLE CEILING SYSTEM
6. WINDOW CURTAINS
7. MILLWORK (BAR AND RECEPTION)
8. FURNITURE PACKAGE
9. WALL WRAP MURAL
10. SIGNAGE PACKAGE

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SEAL

DIGITAL SIGNATURE

REVISIONS:

No.	Description	Date

CONTRACT DOCUMENTS FOR:

SUNRISE EVENT CENTER

FORT PIERCE REDEVELOPMENT AGENCY

ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

INDEX OF DRAWINGS, ABBREVIATIONS AND SYMBOLS

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
Project Status	3-31-2026	/

THIS DRAWING HAS BEEN ISSUED ON THE DATE SHOWN & FOR THE PURPOSE NOTED

JOB FILE NUMBER:
25-124

A001

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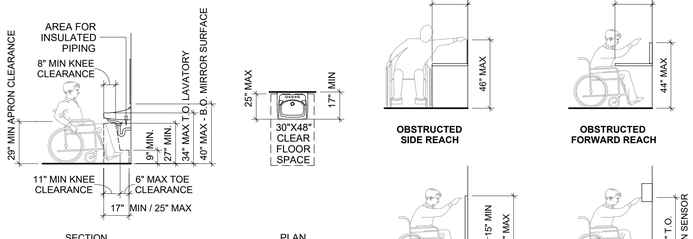
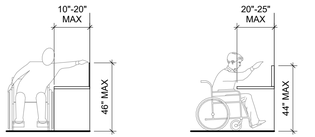
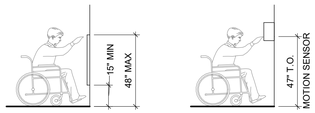


LAVATORY & MIRROR CLEARANCES



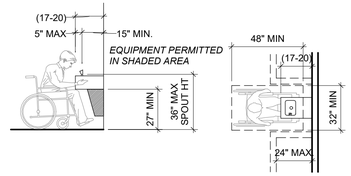


SEC. 603.3 & 606 MIRROR & LAV.1

SCALE: 1/4" = 1'-0"

NOTES:

- BOTH HIGH AND LOW FOUNTAINS ARE REQUIRED, NO FEWER THAN 50% WHEELCHAIR ACCESSIBLE; OTHERS ARE TO BE LOCATED AT A STANDARD HEIGHT CONVENIENT TO THOSE WITH DIFFICULTY STOOPING. HIGH-LOW FOUNTAINS ARE REQ. WHEN ONLY ONE FOUNTAIN IS APPROVED.
- STANDING HEIGHT FOUNTAIN SPOUT OUTLET TO BE MINIMUM 38" A.F.F. AND 48" MAXIMUM A.F.F.

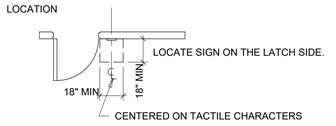


SECTION 308 REACH RANGE1

SCALE: 1/4" = 1'-0"

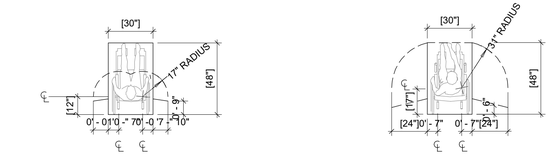
SECTION 602 DRINKING FOUNTAINS1

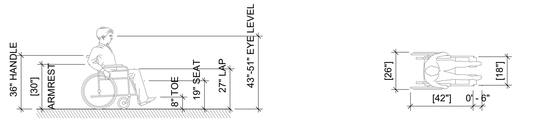
SCALE: 1/4" = 1'-0"



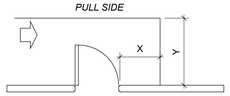
SECTION 703 TACTILE SIGNS1

SCALE: 1/4" = 1'-0"

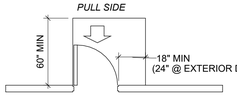




NOTE: X = 36" MIN. IF Y = 60"
X = 42" MIN. IF Y = 54"

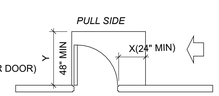


HINGE SIDE APPROACH - SWINGING DOOR

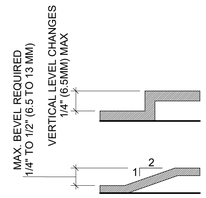


FRONT APPROACH - SWINGING DOOR

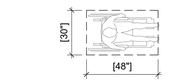
NOTE: Y = 54" MIN
IF DOOR HAS BOTH A CLOSER AND LATCH



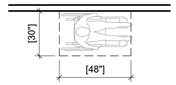
LATCH SIDE APPROACH - SWINGING DOOR



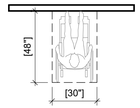
CHANGES IN LEVEL HIGHER THAN 1/2" ARE REQUIRED TO BE RAMPED.



CLEAR FLOOR SPACE

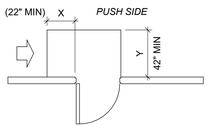


PARALLEL APPROACH



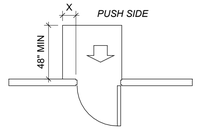
FORWARD APPROACH

NOTE: Y = 48" MIN
IF DOOR HAS BOTH A CLOSER AND LATCH



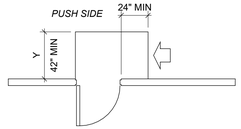
LATCH SIDE APPROACH - SWINGING DOOR

NOTE: X = 12" MIN
IF DOOR HAS BOTH A CLOSER AND LATCH

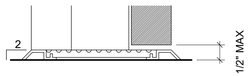


FRONT APPROACH - SWINGING DOOR

NOTE: Y = 48" MIN
IF DOOR HAS BOTH A CLOSER AND LATCH



SIDE APPROACH - SWINGING DOOR

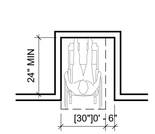


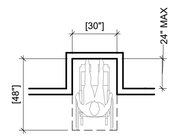
CHANGES IN LEVEL

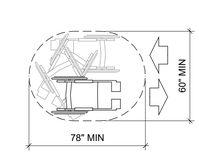
SECTIONS 303 CHANGE LEVEL1

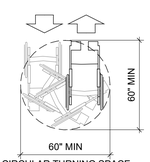
SCALE: 3/16" = 1'-0"

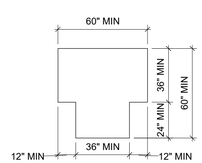
COORDINATE WITH INTERIOR ELEVATION FOR FIXTURES AND ACCESSORIES. ADVICE ARCHITECT OF ANY DISCREPANCIES.

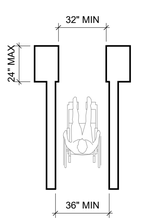


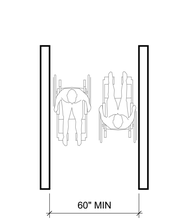


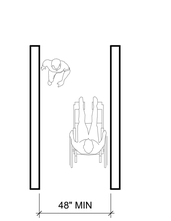






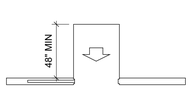


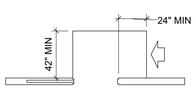


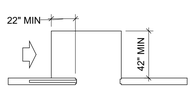


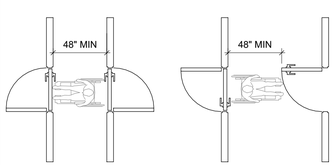
SECTION 304 & 305 CLEAR FLOOR & GROUND SPACE REQUIREMENT1

SCALE: 1/4" = 1'-0"









SECTION 404 DOORS1

SCALE: 3/16" = 1'-0"

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STATE OF FLORIDA
Raul Ocampo. JR
AR 6897
05/18/21
REGISTERED ARCHITECT
SEAL

DIGITAL SIGNATURE

REVISIONS:

No.	Description	Date

DESIGN DEVELOPMENT FOR:
SUNRISE EVENT CENTER
FORT PIERCE DEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

ACCESSIBILITY

PROJECT PHASE	DATE:	CHECKED / DRAWN BY:
Project Status	3-31-2026	/

THIS DRAWING HAS BEEN ISSUED ON THE DATE SHOWN & FOR THE PURPOSE NOTED

JOB FILE NUMBER:
25-124

A002

3/31/2026 7:06:05 PM
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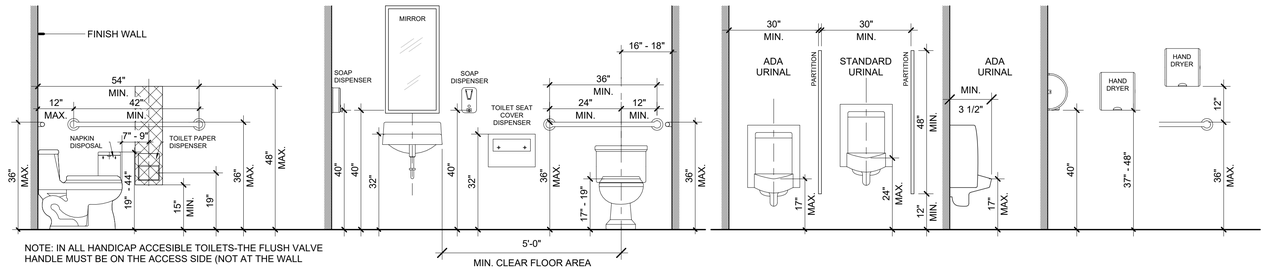
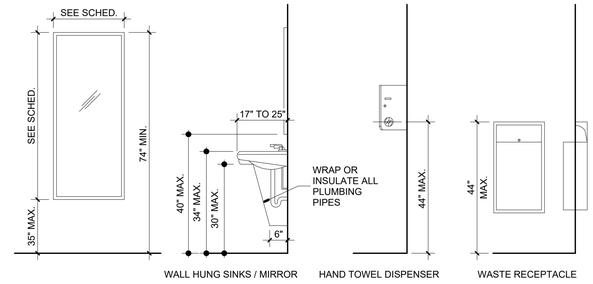


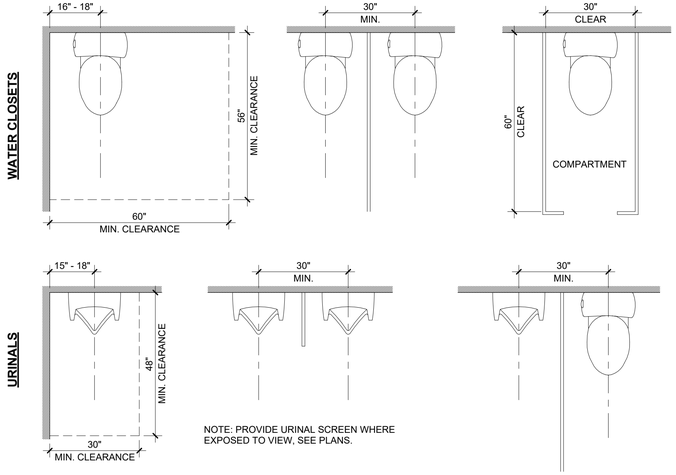
NOTE: IN ALL HANDICAP ACCESIBLE TOILETS-THE FLUSH VALVE HANDLE MUST BE ON THE ACCESS SIDE (NOT AT THE WALL

ACCESSIBLE RESTROOM MOUNTING HEIGHTS

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

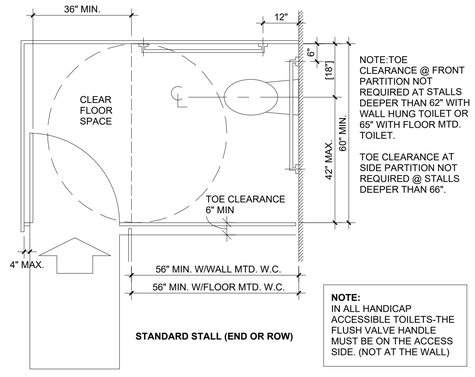


WALL HUNG SINKS / MIRROR | HAND TOWEL DISPENSER | WASTE RECEPTACLE



RESTROOM CLEARANCES - PLAN VIEW

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

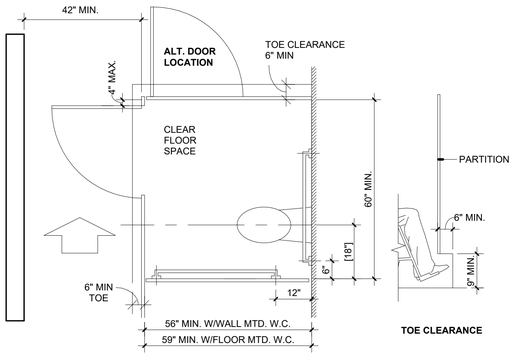


NOTE:TOE CLEARANCE @ FRONT PARTITION NOT REQUIRED AT STALLS DEEPER THAN 62" WITH WALL HUNG TOILET OR 65" WITH FLOOR MTD. TOILET.

TOE CLEARANCE AT SIDE PARTITION NOT REQUIRED @ STALLS DEEPER THAN 66".

STANDARD STALL (END OR ROW)

NOTE:
IN ALL HANDICAP ACCESSIBLE TOILETS-THE FLUSH VALVE HANDLE MUST BE ON THE ACCESS SIDE. (NOT AT THE WALL)



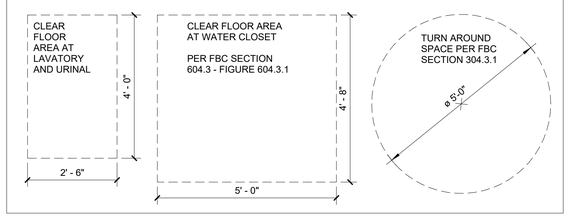
TOE CLEARANCE

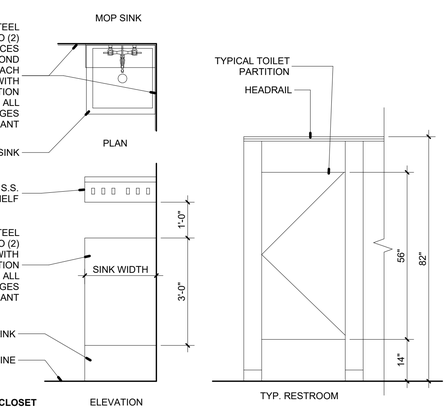
STANDARD STALL (IN LINE)

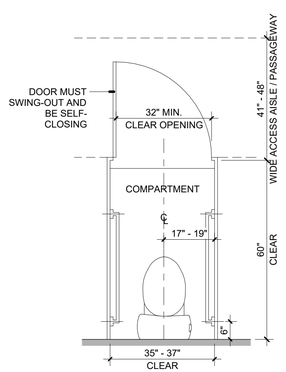
GENERAL NOTES:

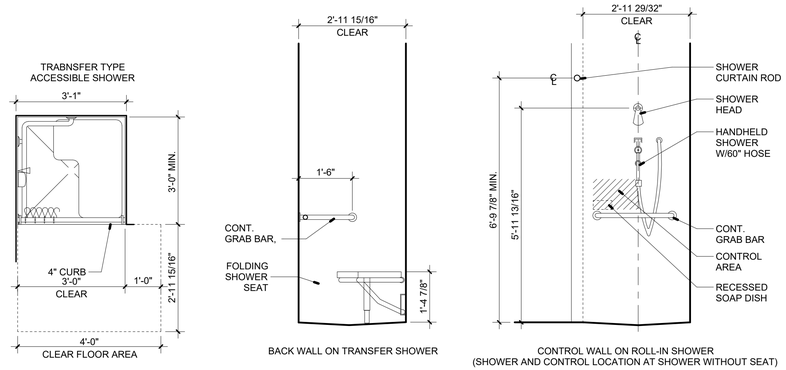
1. FIXTURES AND ACCESSORIES SHOWN IN THIS DIAGRAM ARE SHOWN AS A REFERENCE FOR LOCATING FIXTURES AND ACCESSORIES ONLY. ACTUAL SPECIFIED FIXTURES MAY DIFFER FROM WHAT IS SHOWN. CONTRACTOR SHALL COORDINATE INDICATED DIMENSIONS WITH SPECIFIED ACCESSORIES. NOT ALL ACCESSORIES MAY BE USED.
2. FIXTURES SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE CODES AND REGULATIONS
3. WRAP ALL EXPOSED PIPING.
4. DISPENSERS SHALL BE 1-1/2" MINIMUM BELOW OR 12" MINIMUM ABOVE GRAB BAR (TYP.)
5. PROVIDE COVED BASE TILE @ ALL LOCATIONS (UNLESS OTHERWISE NOTED).
6. REFER TO "ID" SERIES FINISH PLANS FOR ALL FINISHES COORDINATION.
7. REFER TO PLUMBING DRAWINGS AND PLUMBING SCHEDULE FOR LOCATION
8. REFER TO SPECIAL EQUIPMENT SCHEDULE FOR ALL TOILET ACCESSORIES.
9. AT ALL GRAB BARS, PROVIDE VANDAL RESISTANT FASTENERS AND BACKING IN PARTITION OR WALL FOR SUFFICIENT ANCHORING TO RESIST A 250# FORCE APPLIED IN ANY DIRECTION.
10. CONTRACTOR TO SUBMIT PLUMBING ROUGH-IN DRAWINGS DURING THE SUBMITTAL PROCESS FOR GRAB BAR AND ACCESSORY COORDINATION.
11. PROVIDE REQUIRED BACKING FOR ALL WALL MOUNTED ITEMS INCLUDING BUT NOT LIMITED TO ALL CONTRACTOR/CM PROVIDED AND OWNER PROVIDED ITEMS. ACCESSORIES REQUIRING BACKING SHALL INCLUDE BUT BE LIMITED TO TOILET ACCESSORIES, GRAB BARS, PARTITIONS, HANDRAILS, EDUCATIONAL TECHNOLOGY DEVICES AND ACCESSORIES, SIGNS, ACOUSTIC PANELS, MIRRORS, ETC. ALL BACKING SHALL BE PRESSURE TREATED WOOD ADEQUATE TO SUPPORT THE ITEM. CONTRACTOR/CM SHALL VERIFY THE SIZE, LOAD, DETAILING AND LOCATION OF ALL NECESSARY BLOCKING WITH THE OWNER IN THE FIELD PRIOR TO INSTALLATION.
12. PROTECT ALL PIPES WITH WRAPPED TRUEBRO PIPE COVER AT ALL SINKS (TYP)

ADA CLEARANCES (INDICATED IN EACH RESTROOM)









TRANSFER TYPE ACCESIBLE SHOWER

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

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SEAL

DIGITAL SIGNATURE

REVISIONS:

No.	Description	Date

CONTRACT DOCUMENTS FOR:

SUNRISE EVENT CENTER

FORT PIERCE REDEVELOPMENT AGENCY

ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

TOILET ACCESSORIES & MOUNTING HEIGHTS

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
Project Status	3-31-2026	/

THIS DRAWING HAS BEEN ISSUED ON THE DATE SHOWN & FOR THE PURPOSE NOTED

JOB FILE NUMBER:
25-124

A003

NOT FOR CONSTRUCTION

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GENERAL NOTES

THESE GENERAL NOTES GIVE DIRECTIVES AND PROVIDE STANDARDS THAT FURTHER COMPLIMENT 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.

1. CONTRACTOR SHALL VISIT THE JOB SITE AND VERIFY ALL CONDITIONS OF THE WORK PRIOR TO SUBMITTING A BID.

2. 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.

3. 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.

4. CONTRACTOR SHALL GUARANTEE ALL WORK UNDER THIS CONTRACT TO BE FREE FROM DEFECTS IN MATERIAL AND 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 ANY ITEMS FOUND TO BE DEFICIENT AS DEFINED BY THE OWNER AND WARRANTY DOCUMENTS; FAILURE TO GIVE SUCH NOTICE SHALL EXTEND WARRANTY PERIOD.

5. FAILURE TO SHOW DETAILS OR REPEAT ON ANY DRAWING THE FIGURES, NOTES OR 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 WORKMANSHIP MANNER, NEAT AND COMPLETE IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS AND THE CURRENT BUILDING CODE, THE STATE ENERGY EFFICIENCY CODE AND ALL AUTHORITIES HAVING JURISDICTION.

6. CONTRACTOR SHALL ENDEAVOR TO PROTECT THE OWNER'S AND ADJACENT OWNERS PROPERTY 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 THE SAME. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE AND PAY FOR ALL PERMITS AND UPON COMPLETION OF WORK (PRIOR TO FINAL PAYMENT) DELIVER TO THE 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 INSURANCE IN THE AMOUNT OF THE CONTRACT AND WORKMAN'S COMPENSATION INSURANCE AT HIS OWN EXPENSE.

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

8. AT THE END OF THE WORK THE CONTRACTOR SHALL FURNISH THE OWNER WITH ALL WRITTEN EQUIPMENT / FIXTURES INSTALLATION WARRANTIES FURNISHED BY THE MANUFACTURER FOR ALL EQUIPMENT / FIXTURES INSTALLED WHETHER OR NOT SUCH GUARANTEES ARE REQUIRED BY THE PLANS AND SPECIFICATIONS. COPIES OF PURCHASE ORDERS AND INVOICES SHALL BE FURNISHED FOR GUARANTEE AND WARRANTY PURPOSES UPON THE REQUEST OF THE OWNER. IN ADDITION, THE CONTRACTOR SHALL FURNISH TO THE OWNER ALL OPERATION, MAINTENANCE AND REPAIR MANUALS SUPPLIED BY THE MANUFACTURER AND SHALL CLEARLY INSTRUCT ON ALL ELECTRICAL PANELS THE CIRCUITS THEREOF DESIGNATING AREAS AND EQUIPMENT SERVED.

9. 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.

11. 1COMPARISON OF ALL DOCUMENTS CIVIL, LANDSCAPE, ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS SHALL BE PERFORMED BY THE GENERAL CONTRACTORS 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.

12. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND AGAINST EQUIPMENT SPACE SPECIFICATIONS DRAWINGS ARE NOT TO BE SCALED.

13. 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 INTERPRETATION BEFORE EITHER CLAIMS BEFORE STARTING THE WORK IN QUESTION. IF THE GENERAL CONTRACTOR AND/OR SUB-CONTRACTORS FAIL TO 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 DISCRETION OF THE OWNER/EXPENSE) OF RECTIFYING THE DISCREPANCIES, ERRORS, OR OMISSIONS AND OTHER WORK DIRECTLY OR INDIRECTLY AFFECTED BY THE OMISSION.

14. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS, THEN THEIR CONSTRUCTION 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 AFFECTED AREA.

15. 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.

16. PERMIT FEES, IMPACT FEES, WATER CONNECTION FEES, AND DEPOSITS FOR PERMANENT UTILITY SERVICES SHALL BE PAID BY THE OWNER. THE CONTRACTOR SHALL NOTIFY THE OWNER WHEN THESE FEES APPLY, PRIOR TO THE START OF CONSTRUCTION OF THIS PROJECT.

17. CONTRACTOR'S REQUEST FOR PAYMENT SHALL INCLUDE RELEASES OF LIEN FOR ALL MATERIAL SUPPLIERS AND SUB-CONTRACTORS' WORK RELATING TO PRIOR REQUEST FOR PAYMENT.

18. 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.

19. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL PREFABRICATED ITEMS OF THE WORK AS CALLED OUT FOR IN THESE DRAWINGS AND AS 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.

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

21. 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 BASIS.

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

SECTION 00700

GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION

"THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION", A.I.A. DOCUMENT A201, (LATEST EDITION) 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: (MIX-USED BUILDING, FORT PIERCE SUNRISE EVENT CENTER, 300 AVENUE A, FORT PIERCE, FL. 34950)

B. WORK COVERED BY CONTRACT DOCUMENTS: COMPLETE CONSTRUCTION OF THE PROJECT DEPICTED IN 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, DESCRIBED 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 ERRORS OR INACCURACIES TO THE ARCHITECT BEFORE COMMENCING WORK.

1.03 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.
   C. WATER, GAS, 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
   C. 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. WHEN 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 PAYMENT 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", INCLUDING ANY AIA MODIFICATIONS, REVISIONS, AMENDMENTS THERETO, TO AND ANY SUPPLEMENTARY CONDITIONS (DOCUMENT 00800, MODIFICATIONS TO GENERAL CONDITIONS", MADE PART OF THIS PACKAGE.

C. CONTRACTOR'S DUTIES:
   1. 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.

1.05 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.
   C. DO NOT LOAD STRUCTURE WITH WEIGHT THAT WILL ENDANGER STRUCTURE.
   D. ASSUME FULL RESPONSIBILITY FOR PROTECTION AND SAFEKEEPING OF PRODUCTS STORED ON PREMISES.
END OF SECTION 001010

SECTION 001012 INFORMATION AND PROCEDURES INSTRUCTIONS (RFI)

1.01 GENERAL

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

1.02 PROCEDURES

A. NOTIFICATION BY CONTRACTOR.
1. SUBMIT ALL REQUESTS FOR CLARIFICATION OR ADDITIONAL INFORMATION (RFIS) IN WRITING TO THE ARCHITECT'S OFFICE.
2. NUMBER RFI'S SEQUENTIALLY.
3. LIMIT EACH RFI TO ONE (1) SUBJECT.
END OF SECTION 001012

SECTION 001040 COORDINATION

1.01 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.

1.02 SUBMITTALS

A. SCHEDULE AND COORDINATE SUBMITTALS.
B. COORDINATE REQUESTS FOR SUBSTITUTIONS TO ASSURE COMPATIBILITY AND EFFECT ON WORK OF OTHER SECTIONS.

1.03 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 CLOSELY 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 AND FOR REPAIRS.
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.

1.04 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

1.01 SCOPE OF WORK

A. EXECUTE CUTTING, FITTING AND PATCHING INCLUDING EXCAVATION AND FILL, TO COMPLETE WORK
   1. FIT THE SEVERAL PARTS TOGETHER, TO INTEGRATE WITH OTHER WORK.
   2. UNCOVER WORK TO INSTALL ILL-TIMED WORK.
   3. 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.

3.01 INSPECTION

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

3.02 PREPARATION

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

3.03 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.
C. 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

1.01 GENERAL

A. WORK INCLUDES: 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.

1.02 CHANGES TO THE WORK

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

1.03 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.

1.04 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:
   1. ANALYZE THE DESCRIBED CHANGE AND ITS IMPACT ON COST AND TIME
   2. SECURE THE REQUIRED INFORMATION AND FORWARD IT TO THE ARCHITECT FOR REVIEW
   3. MEET WITH ARCHITECT AS REQUIRED TO EXPLAIN THE COSTS AND OFFER ALTERNATIVES
   4. ALERT SUBCONTRACTORS AS TO THE IMPENDING CHANGE AND TO THE MAXIMUM EXTENT POSSIBLE, AVOID SUCH WORK AS WOULD INCREASE THE COST FOR IMPLEMENTING 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 CONTRACT TIME, 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

1.05 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 CONTRACT TIME OF COMPLETION, HE SHALL NOTIFY THE ARCHITECT IMMEDIATELY IN WRITING, BEFORE COMMENCING THE WORK.
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 RFI).
D. ON AGREEMENT THAT THERE IS REASONABLE CAUSE FOR THE PROPOSED CHANGE, ARCHITECT WILL ISSUE A CCD OR AS:

1.06 PROCESSING

A. MAKE WRITTEN REPLY TO THE ARCHITECT IN RESPONSE TO EACH CHANGE ORDER PROPOSAL.
   1. STATE PROPOSED CHANGE IN THE CONTRACT SUM, IF ANY.
   2. STATE PROPOSED CHANGE IN THE CONTRACT TIME OF COMPLETION, IF ANY.
   3. CLEARLY DESCRIBE OTHER CHANGES IN THE WORK REQUIRED BY THE PROPOSED CHANGE, OR DESIRABLE THEREWITH, IF ANY.
   4. 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 ISSUED AND SHALL BE NUMBERED IN SEQUENCE.
END OF SECTION 01153

SECTION 01300 SUBMITTALS

1.01 SUMMARY

A. THIS SECTION SPECIFIES ADMINISTRATIVE AND PROCEDURAL REQUIREMENTS FOR SUBMITTALS INCLUDING:
   1. SHOP DRAWINGS.
   2. PRODUCT DATA.
   3. SAMPLES
B. ADMINISTRATIVE SUBMITTALS: REFER TO REQUIREMENTS SPECIFIED IN OTHER DIVISION 1 FOR
   1. PERMITS.
   2. APPLICATIONS FOR PAYMENT.
   3. PERFORMANCE AND PAYMENT BONDS (WHERE REQUIRED).
   4. INSURANCE CERTIFICATES.

1.02 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 TRANSMITTING 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 SUBMITTALS SUFFICIENTLY IN ADVANCE OF SCHEDULED PERFORMANCE OF WORK.
C. PREPARATION OF SUBMITTALS: PLACE TITLE BLOCK ON EACH SUBMITTAL, INDICATE PROJECT NAME, D. SUBMITTAL NUMBER, SPECIFICATION SECTION DATE OR SUBMITTAL, NAME AND ADDRESS OF ARCHITECT, NAME AND ADDRESS OF CONTRACTOR, NAME AND ADDRESS OF SUBCONTRACTOR AND/OR SUPPLIER, NAME OF MANUFACTURER, AND CONTRACT REFERENCE.
   1. CONTRACTOR'S REVIEW AND ACTION STAMP: 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 FORM.
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

SECTION 01405 CONTRACT QUALITY CONTROL

1.01 REQUIREMENT INCLUDED

A. QUALITY CONTROL OF PRODUCTS AND WORKMANSHIP.
B. MANUFACTURER'S INSTRUCTIONS.
C. MANUFACTURER'S CERTIFICATES AND FIELD SERVICES.
D. EQUIPMENT OPERATIONS.

1.02 DESCRIPTION

A. MAINTAIN QUALITY CONTROL OVER SUBCONTRACTORS, SUPPLIERS, MANUFACTURERS, PRODUCTS, SERVICES, WORKMANSHIP AND SITE CONDITIONS, TO PRODUCE WORK IN ACCORDANCE WITH CONTRACT DOCUMENTS.

1.03 WORKMANSHIP

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.

1.04 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.

1.06 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

1.01 SUMMARY

A. THIS SECTION SPECIFIES CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS, INCLUDING BUT NOT LIMITED TO:
   1. TEMPORARY UTILITIES.
   2. TEMPORARY CONSTRUCTION AND SUPPORT FACILITIES.
   3. TEMPORARY SECURITY.
   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.
C. COMPLY WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION, CODES, UTILITY COMPANIES, OSHA, AND INDUSTRY STANDARDS INCLUDING, BUT NOT LIMITED TO:
   1. NFPA,
   2. ANSI
   3. NECA
D. ELECTRIC SERVICE: COMPLY WITH NEMA, NECA, AND UL STANDARDS AND REGULATIONS FOR TEMP

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).

ACCEPTABLE MANUFACTURERS:
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.

PRODUCT	SPECIFIED MANUFACTURER	ACCEPTABLE SUBSTITUTE
1) Hinges	Ives	Bommer
2) Locks & Latches	Schlage	Falcon
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	Ives	Trimco, Burns
9) Kick Plates	Ives	Trimco, Burns
10) Threshold/Weather-strip	Zero	Reese
11) Silencers	Ives	
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.
C. DOORS 5' OR LESS 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.

END OF SECTION 087000

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:
1) INTERIOR APPLICATIONS: MANUFACTURERS STANDARD CORROSION-RESISTANT ZINC COATING.
2) 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- INCH 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, ¾ 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 TRAK, 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.

SECTION 092116 GYPSUM BOARD ASSEMBLIES (CONTINUED)

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.
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.
1.UNTIL GYPSUM BOARD IS INSTALLED, HOLD INSULATION IN PLACE WITH 10-INCH STAPLES FABRICATED FROM 0.0625-INCH-DIAMETER, TIE WIRE AND INSERTED THROUGH SLOT IN WEB OF MEMBER.
C. ON PARTITIONS/WALLS, APPLY GYPSUM PANELS VERTICALLY UNLESS OTHERWISE INDICATED OR REQUIRED BY FIRE-RESISTANCE-RATED ASSEMBLY, AND MINIMIZE END JOINTS.
1. STAGGER ABUTTING END JOINTS NOT LESS THAN ONE FRAMING MEMBER IN ALTERNATE COURSES OF BOARD.
2. AT STAIRWELLS AND OTHER HIGH WALLS, INSTALL PANELS HORIZONTALLY, UNLESS OTHERWISE INDICATED OR REQUIRED BY FIRE-RESISTANCE-RATED ASSEMBLY.
D. ON Z-FURRING MEMBERS, APPLY GYPSUM PANELS VERTICALLY (PARALLEL TO FRAMING) WITH NO END JOINTS. LOCATE EDGE JOINTS OVER FURRING MEMBERS.
E. SINGLE-LAYER FASTENING METHODS: APPLY GYPSUM PANELS TO SUPPORTS WITH STEEL 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.

3.02 FINISHING
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

SECTION 092216.13 METAL STUD FRAMING:

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:
PHYSICAL 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 OF 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 BLOCKS, 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

1.01 QUALITY ASSURANCE
A. COMPLY WITH GOVERNING LAWS AND BUILDING CODES AS WELL AS TO CISCA HANDBOOK AND ASTM C 636.

1.02 TESTS
B. BURNING CHARACTERISTICS: PROVIDE MATERIALS WHOSE SURFACE BURNING CHARACTERISTICS, WHEN TESTED IN COMPLIANCE WITH ASTM E 84 ARE CLASS A.

1.03 SHOP DRAWINGS
A. 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 TO 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
2. USG INTERIORS, INC.
3. NATIONAL ROLLING MILLS
4. 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 PERIMETERS 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. 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 END 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 NO MORE THAN 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 RUNNERS.
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

SECTION 099000 PAINTING

1.01 DESCRIPTION OF WORK
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 5 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).

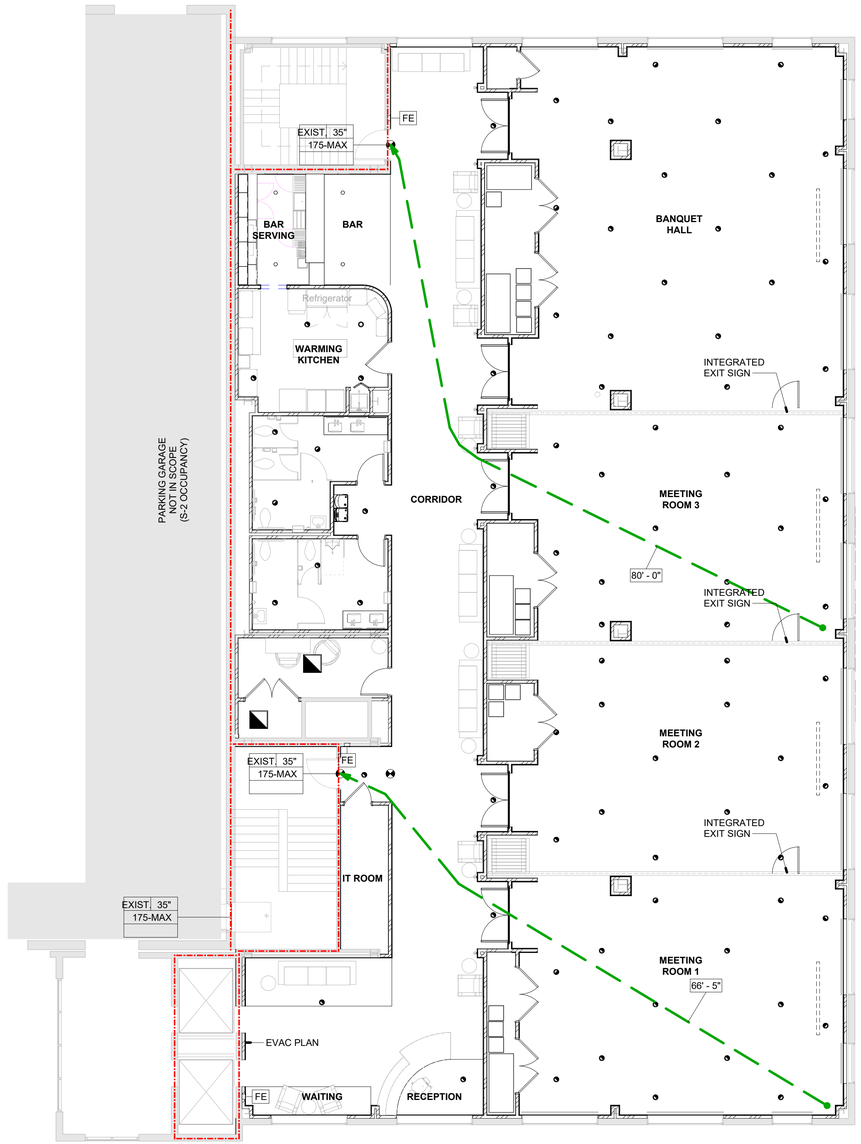
1.03 QUALITY ASSURANCE
1. PREPARATION AND WORKMANSHIP: COMPLY WITH REQUIREMENTS IN "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" FOR PRODUCTS AND PAINT SYSTEMS INDICATED.
B. SOURCE: PROVIDE PRIMERS AND UNDERCOAT PAINT PRODUCED BY SAME MANUFACTURER OF FINISH COATS FOR EACH SUBSTRATE.
C. MOCK-UPS: PRIOR TO COMMENCING WORK OF THIS SECTION, PROVIDE 100 SQ. FT. MOCK-UPS OF 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 CONTAINERS.

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
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 730 G/L.
6. SHELLACS, PIGMENTED: VOC NOT MORE THAN 550 G/L.
7. AROMATIC COMPOUNDS: PAINTS AND COATINGS SHALL NOT CONTAI



LIFE SAFETY PLAN
SCALE: 1/8" = 1'-0"

LIFE SAFETY LEGEND

SYMBOL	DESCRIPTION
	EXISTING 2 HR. FIRE RATED SEPARATION
	PATH OF EGRESS
FE	2A 10 BC NEW FIRE EXTINGUISHER IN SEMI-RECESSED ADA ACCESSIBLE CABINET. COMPLY W/ NFPA 10
888 160" / 120-MAX / 50	DOOR NUMBER; NET DOOR WIDTH; MAX . OCCUPANTS; OCCUPANTS PER EXIT
	EMERGENCY LIGHTS
	EXIT SIGN
	TROFFER LIGHT WITH 90 MIN. EMERGENCY PACK

2023 8TH EDITION FBC CODE REVIEW

CHAPTER	REQUIREMENTS OR ALLOWABLE	PROVIDED
(3) OCCUPANCY	(SEC. 308.1 FBC) A (ASSEMBLY)	A-2 (ASSEMBLY GROUP A-2)
(6) CONSTRUCTION TYPE	TABLE 601: BUILDING TYPE: TYPE II B -UNPROTECTED, SPRINKLERED (NO RATING REQUIRED)	TYPE II B - UNPROTECTED, SPRINKLERED
(8) INTERIOR FINISHES	TABLE 803.11: (SPRINKLERED) INTERIOR EXIT STAIRS, RAMPS, & PASSAGEWAYS: CLASS 'B' CORRIDORS & ENCLOSURE FOR EXIT ACCESS STAIRWAYS & RAMPS: CLASS 'B' ROOMS & ENCLOSED SPACES: CLASS 'C'	RENOVATION CONFORMS TO FBC
(9) FIRE PROTECTION SYSTEMS	FIRE SPRINKLERS: REQUIRED	BUILDING IS SPRINKLERED.
(10) MEANS OF EGRESS	TABLE 1017.2 ACCESS TRAVEL DISTANCE A = 250' (S) MAX. TRAVEL DISTANCE TO EXIT ACCESS.	80'= ACTUAL MAX. TRAVEL DISTANCE TO EXIT
	TABLE 1006.3.2: MINIMUM 2 EXITS REQUIRED	2 EXITS PROVIDED
(10) EGRESS CAPACITY	EXIT STAIRS WIDTH: 170 OCC X .3" = 51" MIN.	EXIT STAIRS = 54" CLEAR
	EGRESS DOOR WIDTH: 170 OCC X .2" = 34" MIN.	EGRESS DOOR = 35" CLEAR
	CLASSIFICATION OF WORK	
(6) FBC 2023 EXISTING BUILDING CODE	ALTERATION LEVEL CLASS OF REHABILITATION	CHANGE OF OCCUPANCY (PREVIOUSLY B OCCUPANCY)
(43) NFPA	WORK REHABILITATION CATEGORIES	CHANGE OF OCCUPANCY (PREVIOUSLY B OCCUPANCY)

FIRE EXTINGUISHER CALCULATION AS PER N.F.P.A.10 6.2.1.1

NAME	AREA	FIRE EXTINGUISHER REQUIRED
4TH FLR F.F.		
Area	7670 SF	3
	7670 SF	3

FIRE EXTINGUISHER PROVIDED

MARK	DESCRIPTION	QTY
4TH FLR F.F.		
FE	RECESSED FIRE EXTINGUISHER	3
		3

4TH FLOOR DOOR EGRESS PROVIDED

MARK	NET DOOR WIDTH	OCCUPANTS
4TH FLR F.F.		
EXIST.	35"	175
EXIST.	35"	175
	70"	350

AREA OCCUPANCY CALCULATION (F.B.C. TABLE 1004.5)

NAME	AREA	FUNCTION SPACE	OCCUPANT LOAD FACTOR	OCCUPANTS
BANQUET HALL	1422 SF	ASSEMBLY W/O FIXED SEATS UNCONCENTRATED (TABLES AND CHAIRS)	15 NET	94.82
BAR	110 SF	ASSEMBLY W/O FIXED SEATS CONCENTRATED (CHAIRS ONLY-NO FIXED)	7 NET	15.74
BAR SERVING	101 SF	KITCHENS, COMMERCIAL	200 GROSS	0.50
BRIDE'S ROOM	111 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	0.37
CORRIDOR	1499 SF	BUSINESS AREAS	150 GROSS	10.00
ELECTRICAL	29 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	0.10
IT ROOM	86 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	0.29
MEETING ROOM 1	966 SF	ASSEMBLY W/O FIXED SEATS UNCONCENTRATED (TABLES AND CHAIRS)	15 NET	64.41
MEETING ROOM 2	887 SF	ASSEMBLY W/O FIXED SEATS UNCONCENTRATED (TABLES AND CHAIRS)	15 NET	59.13
MEETING ROOM 3	895 SF	ASSEMBLY W/O FIXED SEATS UNCONCENTRATED (TABLES AND CHAIRS)	15 NET	59.66
RECEPTION	52 SF	BUSINESS AREAS	150 GROSS	0.35
STORAGE	16 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	0.05
STORAGE 1	58 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	0.19
STORAGE 2	45 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	0.15
STORAGE 3	66 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	0.22
STORAGE 4	107 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	0.36
WAITING	133 SF	ASSEMBLY W/O FIXED SEATS CONCENTRATED (CHAIRS ONLY-NO FIXED)	7 NET	18.94
WARMING KITCHEN	219 SF	KITCHENS, COMMERCIAL	200 GROSS	1.10
Grand total: 19	6803 SF			326.37

NOTE: TOTAL SF SHOWN IS FOR OCCUPANT LOAD CALCULATIONS. AREAS NOT INCLUDED IN OCCUPANT LOAD CALCULATIONS SUCH AS RESTROOMS, CIRCULATION, AND SUPPORT SPACES ARE NOT REFLECTED.

DEFERRED SUBMITTALS LIST FBC 107.3.4.1

DEFERRED SUBMITTAL DOCUMENTS WILL BE REVIEWED FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT OF THE BUILDING.

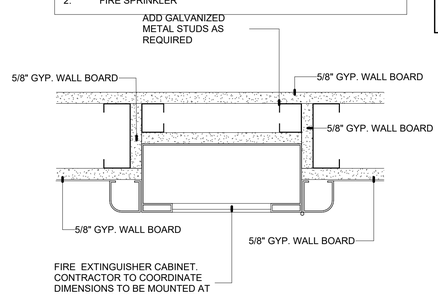
GENERAL CONTRACTOR SHALL SUBMIT REVIEWED SHOP DRAWINGS SIGNED AND SEALED BY FLORIDA REGISTERED ENGINEER FOR REVIEW AND APPROVAL BY THE ARCHITECT / ENGINEER PRIOR TO FABRICATION.

1. FIRE ALARM
2. FIRE SPRINKLER

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), 8TH EDITION (2023) BUILDING
FBC (FLORIDA BUILDING CODE), 8TH EDITION (2023) EXISTING BUILDING
FBC (FLORIDA BUILDING CODE), 8TH EDITION (2023) ACCESSIBILITY
FBC (FLORIDA BUILDING CODE), 8TH EDITION (2023) MECHANICAL
FBC (FLORIDA BUILDING CODE), 8TH EDITION (2023) PLUMBING
FBC (FLORIDA BUILDING CODE), 8TH EDITION (2023) GAS
NFPA 101 LIFE SAFETY CODE 2021, FFPC 8TH EDITION (2023)
NFPA 1 FIRE CODE 2021, FFPC 8TH EDITION (2023)
NEC (NATIONAL ELECTRICAL CODE) 2020, FLORIDA 8TH EDITION (2023)



1 FIRE EXTINGUISHER CABINET
SCALE: 3" = 1'-0"

SF PER OCCUPANCY

Area
CIRCULATION
1499 SF
MULTIPURPOSE
4282 SF
SERVICE
658 SF
STORAGE
378 SF
WAITING
295 SF
7112 SF

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REVISIONS:

No.	Description	Date

CONTRACT DOCUMENTS FOR:
SUNRISE EVENT CENTER
FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

LIFE SAFETY PLAN

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
Project Status	3-31-2026	/

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JOB FILE NUMBER:
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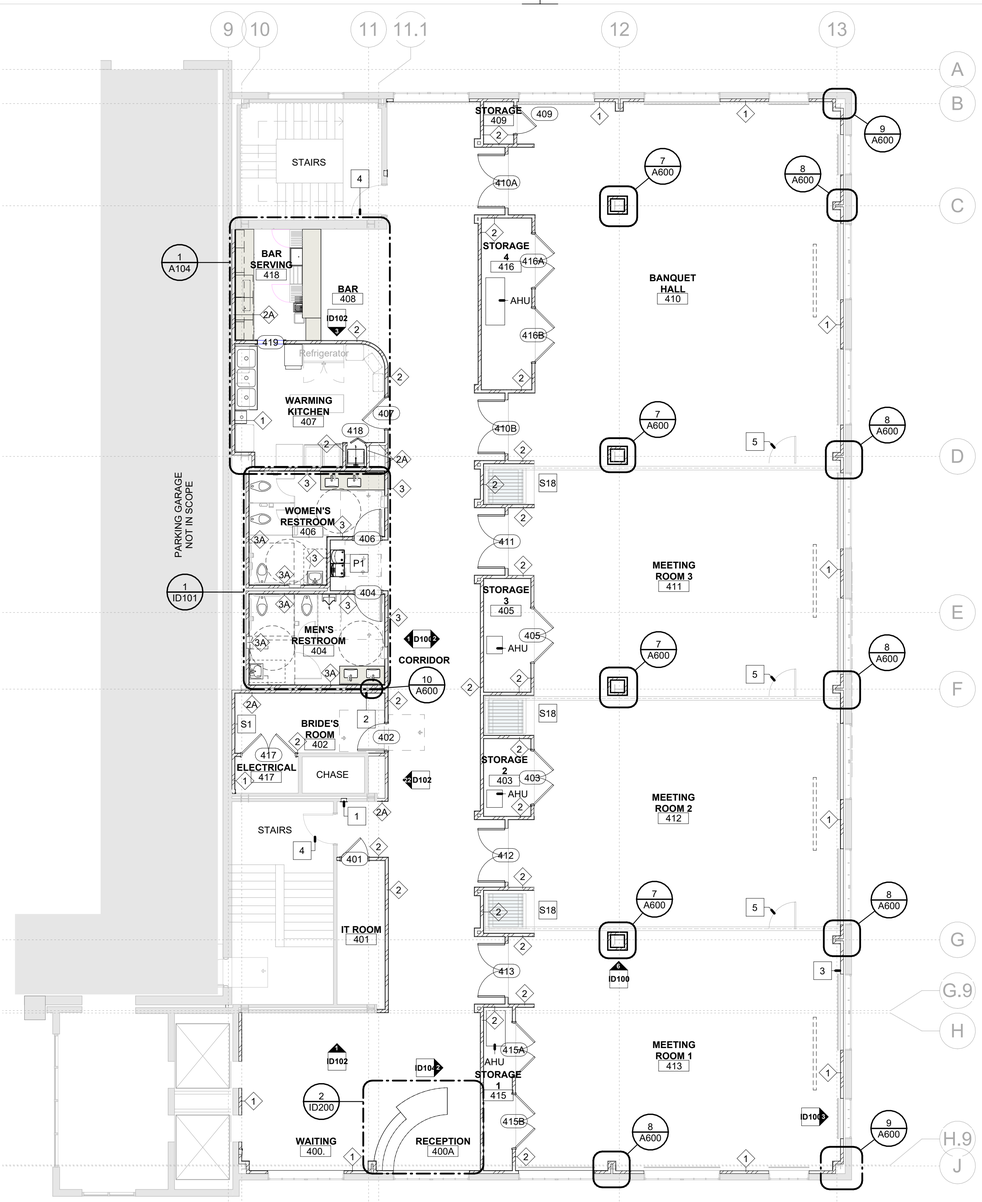
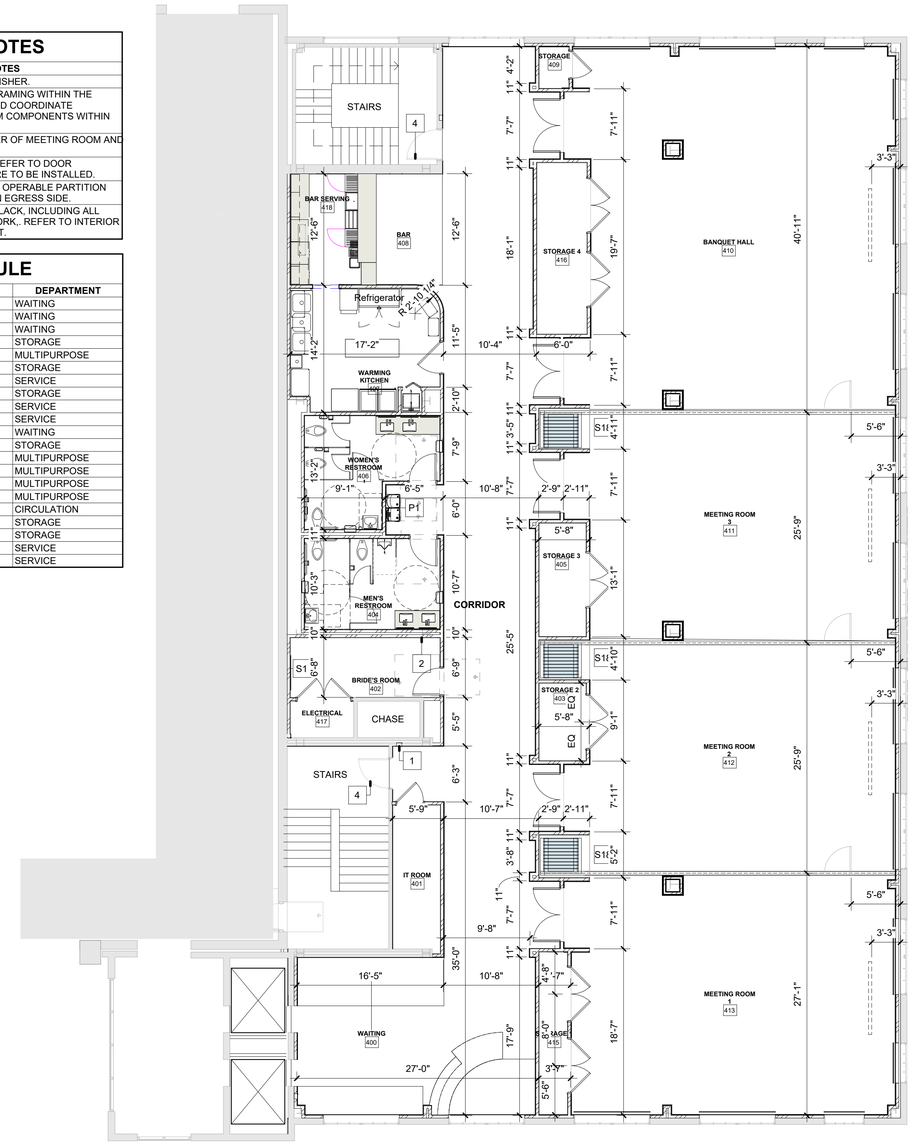


PROPOSED 4TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



DIMENSIONAL 4TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

FLOOR PLAN NOTES

MARK	FLOOR PLAN NOTES
1	REMOVE AND REPLACE FIRE EXTINGUISHER.
2	CONTRACTOR SHALL INSTALL STUD FRAMING WITHIN THE LIMITS OF THE DIAGONAL BRACING AND COORDINATE PLACEMENT OF THE BUILDING SYSTEM COMPONENTS WITHIN THE FRAMED CAVITY
3	WALL RAIL AROUND ENTIRE PERIMETER OF MEETING ROOM AND BANQUET.
4	REMOVE AND REPLACE HARDWARE. REFER TO DOOR SCHEDULE FOR NEW PANIC HARDWARE TO BE INSTALLED.
5	PROVIDE SINGLE PASS-THRU DOOR IN OPERABLE PARTITION WALL WITH INTEGRATED EXIT SIGN ON EGRESS SIDE.
6	EXPOSED CEILING WILL BE PAINTED BLACK, INCLUDING ALL STRUCTURAL JOISTS, WIRES, DUCTWORK,. REFER TO INTERIOR ELEVATIONS FOR BLACK PAINT HEIGHT.

ROOM SCHEDULE

Number	Name	Area	DEPARTMENT
400	WAITING	89 SF	WAITING
400.	WAITING	44 SF	WAITING
400A	RECEPTION	52 SF	WAITING
401	IT ROOM	86 SF	STORAGE
402	BRIDE'S ROOM	111 SF	MULTIPURPOSE
403	STORAGE 2	45 SF	STORAGE
404	MEN'S RESTROOM	152 SF	SERVICE
405	STORAGE 3	66 SF	STORAGE
406	WOMEN'S RESTROOM	156 SF	SERVICE
407	WARMING KITCHEN	219 SF	SERVICE
408	BAR	110 SF	WAITING
409	STORAGE	16 SF	STORAGE
410	BANQUET HALL	1422 SF	MULTIPURPOSE
411	MEETING ROOM 3	895 SF	MULTIPURPOSE
412	MEETING ROOM 2	887 SF	MULTIPURPOSE
413	MEETING ROOM 1	966 SF	MULTIPURPOSE
414	CORRIDOR	1499 SF	CIRCULATION
415	STORAGE 1	58 SF	STORAGE
416	STORAGE 4	107 SF	STORAGE
417	ELECTRICAL	29 SF	SERVICE
418	BAR SERVING	101 SF	SERVICE

WALL LEGEND

	EXISTING TO REMAIN
	NEW FRAMING

COLOR LEGEND

	FURNITURE
	CASEWORK

ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	FINISH				CEILING HT	COMMENTS
		FLOOR	BASE	WALL	CEILING		
400	WAITING	TL	RB	PNT + VW	EXPOSED	13'-0"	(VW) VINYL WALLPAPER WRAP
400A	RECEPTION	TL	RB	PNT + VW	EXPOSED	13'-0"	(VW) VINYL WALLPAPER WRAP
401	IT ROOM	TL	-	PNT	GWB	8'-0"	-
402	BRIDE'S ROOM	TL	RB	PNT	ACT	9'-0"	-
403	STORAGE 2	CARPET	RB	PNT	GWB	8'-0"	-
404	MEN'S RESTROOM	TL	-	TL	GWB	9'-0"	MOISTURE RESISTANT GWB CEILING
405	STORAGE 3	CARPET	RB	PNT	GWB	8'-0"	-
406	WOMEN'S RESTROOM	TL	-	TL	GWB	9'-0"	MOISTURE RESISTANT GWB CEILING
407	WARMING KITCHEN	TL	RB	PNT	GWB	9'-0"	KITCHEN GRADE ACT CEILING, FRP WALLS
408	BAR	TL	RB	PNT + VW	EXPOSED	13'-0"	(VW) VINYL WALLPAPER WRAP
409	STORAGE	CARPET	RB	PNT	GWB	8'-0"	-
410	BANQUET HALL	CARPET	RB	PNT	GWB + ACT	10'-0"	WAINSCOT
411	MEETING ROOM 3	CARPET	RB	PNT	GWB + ACT	10'-0"	WAINSCOT
412	MEETING ROOM 2	CARPET	RB	PNT	GWB + ACT	10'-0"	WAINSCOT
413	MEETING ROOM 1	CARPET	RB	PNT	GWB + ACT	10'-0"	WAINSCOT
414	CORRIDOR	TL	RB	PNT + VW	EXPOSED	13'-0"	(VW) VINYL WALLPAPER WRAP
415	STORAGE 1	CARPET	RB	PNT	GWB	8'-0"	-
416	STORAGE 4	CARPET	RB	PNT	GWB	8'-0"	-
417	ELECTRICAL	TL	-	PNT	ACT	8'-0"	-
418	BAR SERVING	TL	RB	PNT + TL	EXPOSED	13'-0"	-

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No.	Description	Date

CONTRACT DOCUMENTS FOR:

SUNRISE EVENT CENTER

FORT PIERCE REDEVELOPMENT AGENCY

ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

ARCHITECTURAL FLOOR PLAN

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
Project Status	3-31-2026	/

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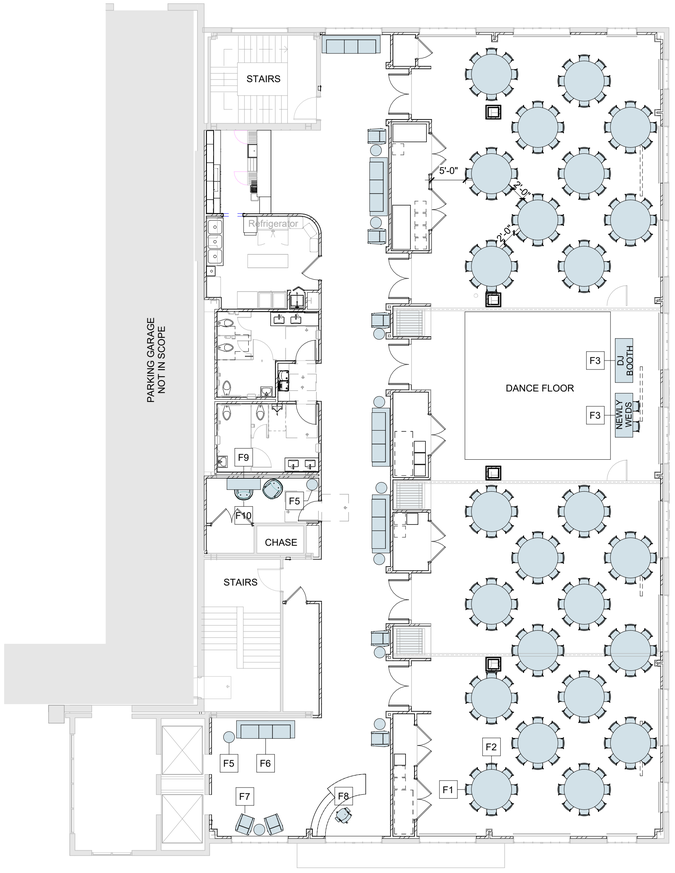
NOTE:

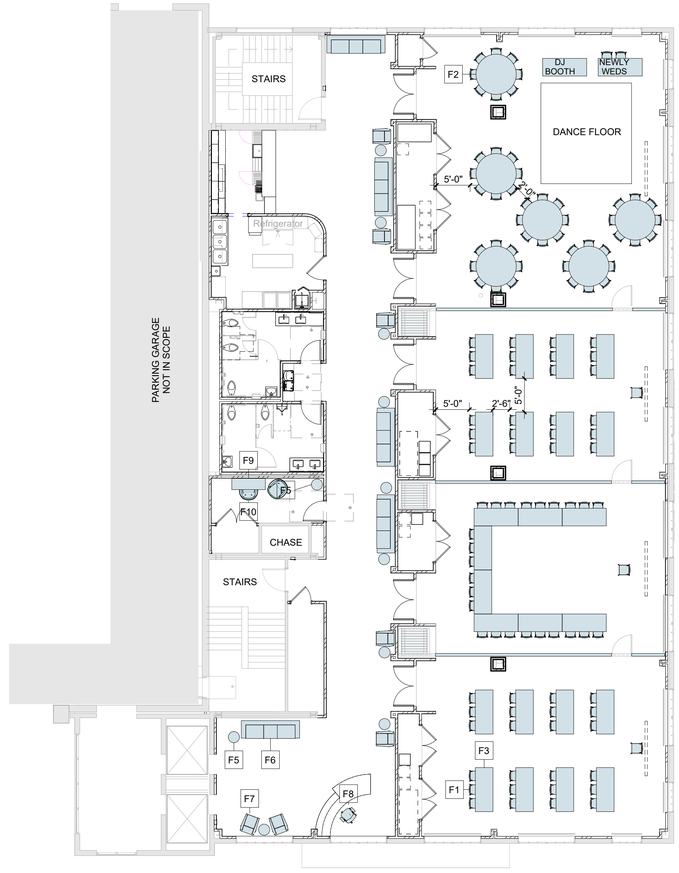
1. LAYOUTS SHOWN FOR REFERENCE ONLY. REFER TO FURNITURE SCHEDULE FOR FURNITURE PACKAGE



4TH FLOOR PLAN - BANQUET LAYOUT

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

TOTAL: 194 SEATING



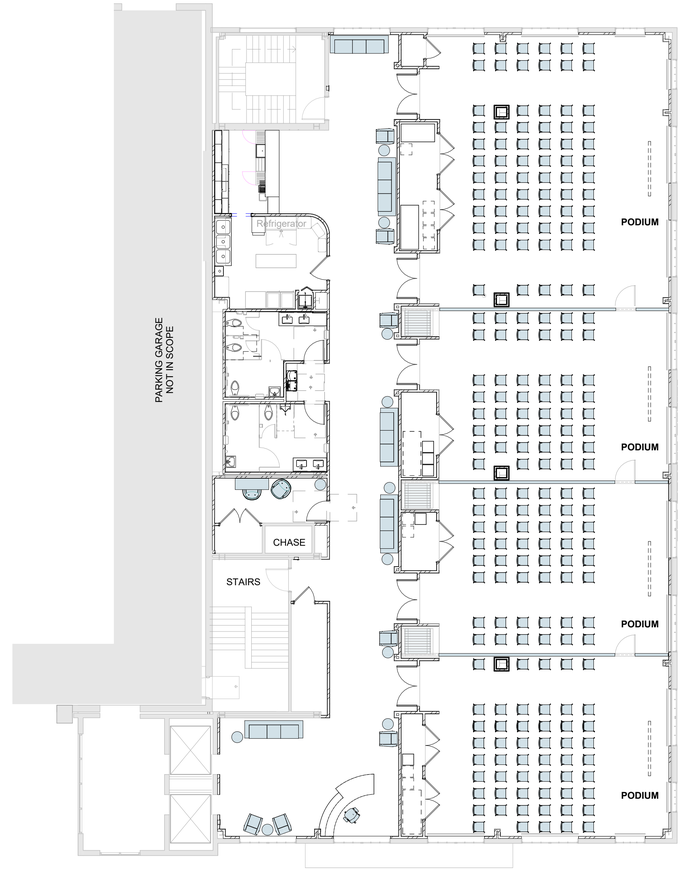
4TH FLOOR PLAN - CONFERENCE LAYOUT

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

BANQUET ROOM: 50 SEATING

MEETING ROOMS : 25 + 25 +25

TOTAL: 125 SEATING



4TH FLOOR PLAN - THEATER LAYOUT

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

MEETING ROOMS : 71 + 48 + 49 + 59

TOTAL: 227 SEATING

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CONTRACT DOCUMENTS FOR:

SUNRISE EVENT CENTER

FORT PIERCE REDEVELOPMENT AGENCY

ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

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ROOM CONFIGURATION LAYOUT OPTIONS

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
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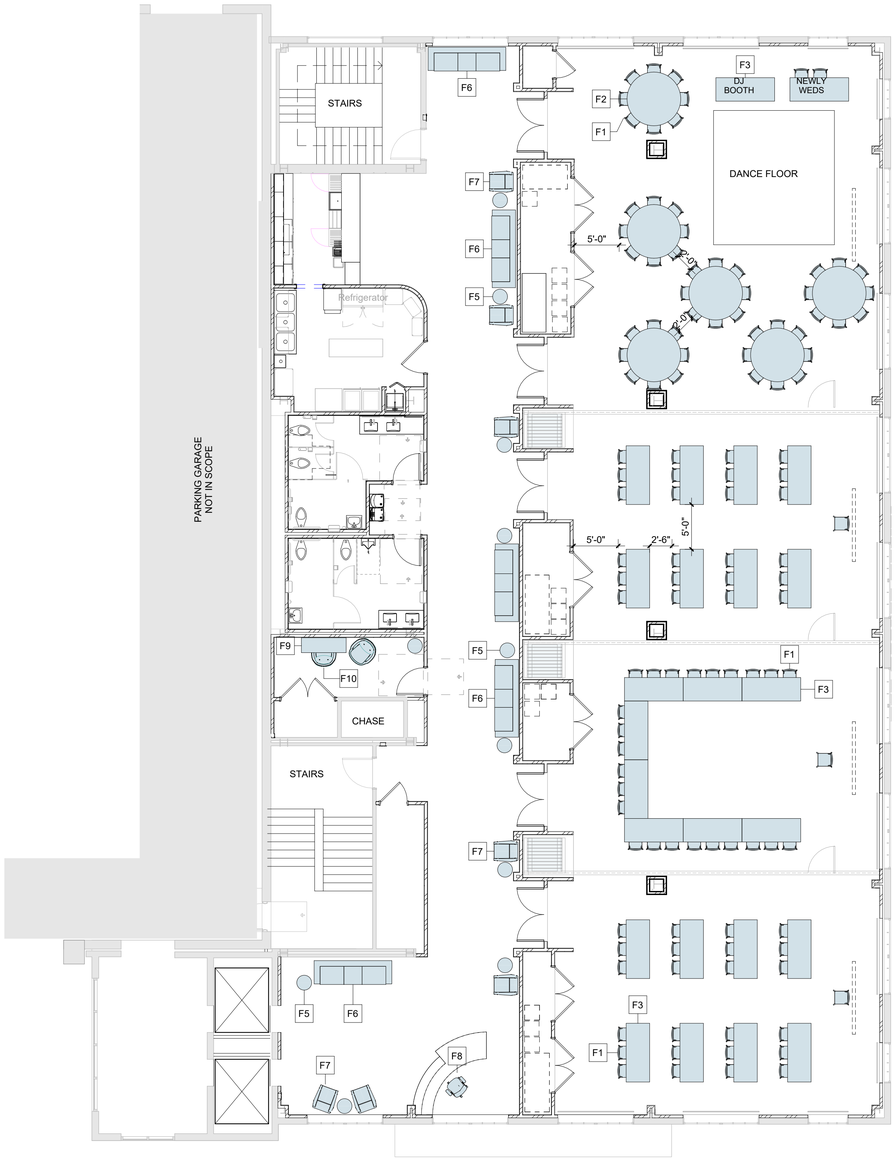

FURNITURE PACKAGE PLAN
SCALE: 1/8" = 1'-0"

FURNITURE SCHEDULE

TYPE MARK	TYPE	MANUFACTURER	MODEL	IMAGE	COMMENTS	COUNT
MEETING ROOMS						
F1	STACKABLE CHAIR	PEDRALI	TWEET 890		FINISHES TO BE SELECTED BY ARCHITECT	150
F2	STACKING TABLE - ROUND				-	6
F3	STACKING TABLES - RECTANGULAR	PEDRALI	YPSILON TILTING		FINISHES TO BE SELECTED BY ARCHITECT	26
LOBBY & CORRIDOR						
F5	SIDE TABLE	MIDJ	LEO COFFEE TABLE		FINISHES TO BE SELECTED BY ARCHITECT	11
F6	LOUNGE COUCH	QUINTI	X893NE00		FINISHES TO BE SELECTED BY ARCHITECT	5
F7	LOUNGE CHAIR	QUINTI	X891NE00		FINISHES TO BE SELECTED BY ARCHITECT	7
F8	RECEPTION CHAIR	-	-		-	1
BRIDE'S ROOM						
F9	VANITY TABLE	-	-		-	1
F10	CHAIR	QUINTI	X891NE00		FINISHES TO BE SELECTED BY ARCHITECT	2

FURNITURE PACKAGE NOTES

00. BASIS OF DESIGN / VENDOR
BASIS OF DESIGN VENDOR: DESIGN LAB DBDA
CONTACT: FRANCESCO CARBONE
TELEPHONE: (561) 388-7777
EMAIL: PM@DBDA.DESIGN

01. ALLOWANCE
• ALLOWANCE FOR FURNITURE PACKAGE SHALL BE: $200,000.
• ALLOWANCE SHALL INCLUDE PROCUREMENT, DELIVERY, AND INSTALLATION OF ALL SPECIFIED FURNITURE ITEMS.

02. SCOPE OF FURNITURE PACKAGE
PROVIDE A COMPLETE FURNITURE PACKAGE INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
• STACKABLE CHAIRS
• STACKABLE TABLES – RECTANGULAR
• STACKABLE TABLES – ROUND
• SIDE TABLES
• THREE-SEATER SOFA / COUCH
• LOUNGE CHAIRS
• RECEPTION CHAIRS
• VANITY TABLES

03. COORDINATION & REVIEW
• SUBMIT A COMPLETE FURNITURE PACKAGE FOR ARCHITECT´S REVIEW AND FINAL APPROVAL PRIOR TO PROCUREMENT.
• SUBMITTAL SHALL INCLUDE PRODUCT DATA, SPECIFICATIONS, DIMENSIONS, MATERIALS, FINISHES, AND COLOR SELECTIONS.
• PROVIDE FINISH SAMPLES UPON REQUEST.
• COORDINATE FURNITURE SELECTIONS WITH INTERIOR DESIGN INTENT, COLOR PALETTE, AND ADJACENT FINISHES.
• VERIFY ALL FIELD DIMENSIONS AND CLEARANCES PRIOR TO ORDERING.

04. BASIS OF DESIGN INTENT
• BASIS OF DESIGN ESTABLISHES DESIGN INTENT, QUALITY LEVEL, AND AESTHETIC.
• COMPARABLE PRODUCTS MAY BE SUBMITTED FOR REVIEW, PROVIDED THEY MEET OR EXCEED DESIGN INTENT, QUALITY, DIMENSIONS, AND FINISH REQUIREMENTS.
• NO SUBSTITUTIONS PERMITTED WITHOUT PRIOR ARCHITECT APPROVAL.

05. MATERIALS & PERFORMANCE REQUIREMENTS
• FURNITURE SHALL BE COMMERCIAL-GRADE AND SUITABLE FOR HIGH-TRAFFIC ASSEMBLY USE.
• UPHOLSTERED ITEMS SHALL MEET APPLICABLE FIRE CODES AND DURABILITY STANDARDS.
• FINISHES SHALL BE DURABLE, CLEANABLE, AND RESISTANT TO WEAR, STAINING, AND FADING.
• PROVIDE PROTECTIVE GLIDES OR PADS AT ALL FURNITURE IN CONTACT WITH FINISHED FLOORS.
• STACKABLE FURNITURE SHALL BE DESIGNED TO STACK SAFELY WITHOUT DAMAGE TO FINISHES.

06. DELIVERY, STORAGE & INSTALLATION
• COORDINATE DELIVERY SCHEDULE WITH GC AND PROJECT TIMELINE.
• DELIVER FURNITURE IN MANUFACTURER'S ORIGINAL PACKAGING; PROTECT FROM DAMAGE AND MOISTURE.
• INSTALL AND PLACE FURNITURE AS INDICATED ON DRAWINGS OR AS DIRECTED BY ARCHITECT.
• REMOVE ALL PACKAGING AND DEBRIS FROM SITE.

07. WARRANTY
• PROVIDE MANUFACTURER'S STANDARD WARRANTY FOR ALL FURNITURE ITEMS.
• REPLACE OR REPAIR DEFECTIVE ITEMS PRIOR TO SUBSTANTIAL COMPLETION.

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ADDRESS:
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DWG IDENTIFICATION

FURNITURE FLOOR PLAN & SCHEDULE

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
Project Status	3-31-2026	/

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25-124

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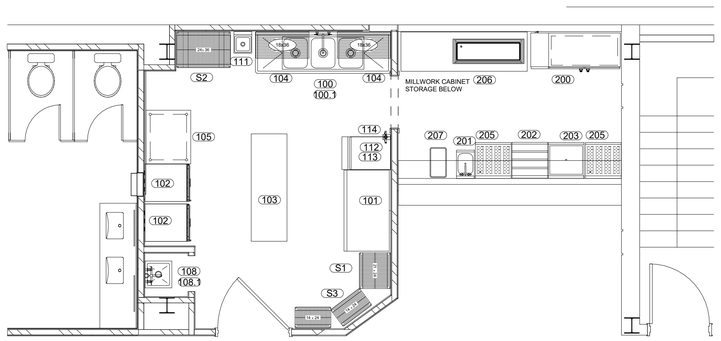
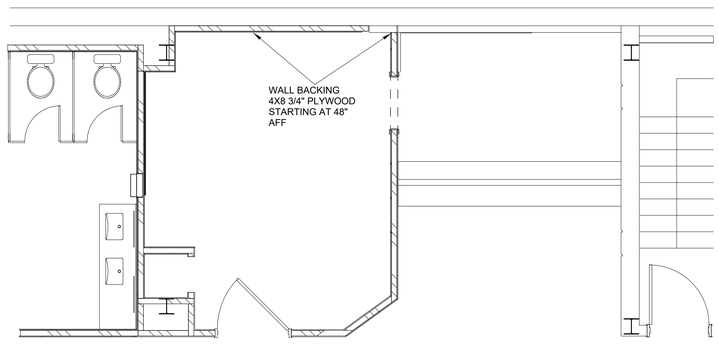


1 FOOD SERVICE EQUIPMENT PLAN
SCALE: 1/4" = 1'-0"



WALL BACKING

2 FOOD SERVICE WALL BACKING
SCALE: 1/4" = 1'-0"

FOOD SERVICE EQUIPMENT NOTES

1. REQUIREMENTS SHOWN ARE FOR (1) ONE ITEM, TO DERIVE TOTAL MULTIPLY BY QUANTITY SHOWN.

2. ELECTRICAL CONTRACTOR SHALL PROVIDE MAGNETIC STARTERS, DISCONNECT SWITCHES, INTERLOCKS AND THERMO-OVERLOAD PROTECTION, WHERE REQUIRED.

3. PLUMBING CONTRACTOR SHALL PROVIDE STOP VALVES AND VACUUM BREAKERS AHEAD OF ALL OPERATING HANDLES AND FAUCETS, WHERE REQUIRED.

4. SEE EQUIPMENT ELECTRICAL AND PLUMBING ROUGH-IN DRAWINGS FOR ADDITION INFORMATION.

5. ELECTRICAL POWER TO ALL COOKING EQUIPMENT, WHERE REQUIRED, SHALL BE PROVIDED THROUGH A SHUNT-TRIP SYSTEM FOR FIRE-FUEL SHUT-OFF. ELECTRICAL CONTRACTOR SHALL WIRE CONTROL CIRCUIT TO MICROSWITCH PROVIDED BY THE FIRE SUPPRESSION SYSTEM CONTRACTOR WITH THE HOOD FIRE SUPPRESSION SYSTEM.

6. GAS SUPPLY TO ALL COOKING EQUIPMENT, WHERE REQUIRED, SHALL BE PROVIDED WITH A MECHANICAL VALVE FOR FIRE-FUEL SHUT-OFF. VALVE TO BE PROVIDED BY THE FIRE SUPPRESSION SYSTEM CONTRACTOR AND INSTALLED BY THE PLUMBING CONTRACTOR. FIRE SUPPRESSION SYSTEM CONTRACTOR SHALL CONNECT VALVE TO THE HOOD FIRE SUPPRESSION SYSTEM FOR AUTOMATIC SHUT-OF.

7. ALL WALK-IN BOX COILS REQUIRE CONNECTION TO THE SOLENOID VALVE, THERMOSTAT, TIME CLOCK, MOTORS AND CONTROL WIRING TO THE REMOTE COMPRESSOR. ALL CONNECTIONS AND WIRING REQUIRED SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.

8. ALL WALK-IN LIGHT FIXTURES SHALL BE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR. INSTALLATION AND WIRING SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR WITH ALL CONDUIT RUN ON THE EXTERIOR(TOP) OF THE WALK-IN BOX.

9. PLUMBING CONTRACTOR SHALL PROVIDE AND MAKE CONNECTIONS TO A GREASE INTERCEPTOR AS REQUIRED BY CODE.

10. GENERAL CONTRACTOR SHALL PROVIDE WALL BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT. VERIFY LOCATIONS AND HEIGHT REQUIREMENTS WITH THE KITCHEN EQUIPMENT CONTRACTOR AND OWNER.

11. ELECTRICAL CONTRACTOR SHALL INTERLOCK EXHAUST BLOWERS AND HOOD SUPPLY MAKE-UP AIR FOR EMERGENCY SHUT DOWN. ELECTRICAL CONTRACTOR SHALL VERIFY WITH LOCAL GOVERNING AUTHORITY WHICH EXHAUST BLOWERS AND/OR MAKE-UP AIR UNITS SHALL SHUT-OFF.

12. VENDOR TO SUPPLY SODA DISPENSING EQUIPMENT AND ALL OF ITS PARTS AND NECESSARY EQUIPMENT. GENERAL CONTRACTOR TO PROVIDE 4 IN. ABS PIPING FROM BAG-IN-BOX RACK TO ALL SODA DISPENSING LOCATIONS. USING 24 IN. RADIUS SWEEPS. SODA CARBORNATERS REQUIRE 120V. DUPLEX RECEPTACLE AND 3/8 IN. COLD WATER AT SODA CARBONATOR LOCATION. DISTANCE NOT TO EXCEED 30 FT. FROM SODA CARBONATOR TO SODA DISPENSING EQUIPMENT. DISTANCE FROM BAG-IN-BOX RACK TO SODA CARBONATORS SHOULD NOT EXCEED 250 FT. MULTIPLE SODA DISPENSERS MAY SHARE SAME SODA CARBONATOR IF WITHIN 30 FT. OF SODA CARBONATOR. PLUMBING CONTRACTOR SHALL PROVIDE PRESSURE REDUCING VALVE AS REQUIRED BY CODE.

13. FOR DRAFT BEER DISPENSING EQUIPMENT, GENERAL CONTRACTOR SHALL PROVIDE 6 IN. ABS PIPING FROM POWER PAK LOCATION TO ALL DRAFT BEER DISPENSING LOCATIONS USING 24 IN RADIUS SWEEPS. FAILURE TO USE 6 IN. PIPING AND 24 IN. RADIUS SWEEPS MAY RESULT IN VOIDING THE USE OF THE DRAFT BEER SYSTEM.
DRAFT BEER SYSTEMS ARE CUSTOM ORDERED AND ARE NON-RETURNABLE

1.THIS DRAWING SHOWS GENERAL SPACE AND LAYOUT REQUIRMENTS FOR FOODSERVICE EQUIPMENT. THIS DRAWING IS INTENDED TO COMPLIMENT THE ARCHITECTURAL AND ENGINEERING DOCUMENTS FOR THIS PROJECT AND MUST BE COORDINATED WITH 2. THIS DRAWING IS INTENDED TO COMPLIMENT THE EQUIPMENT MANUFACTURES CATALOG AND SHOP DRAWINGS AND MUST BE USED AND COORDINATED WITH THOSE DOCUMENTS.

3. ALL WORK MUST BE PERFORMED ACCORDING TO PREVAILING HEALTH AND BUILDING CODES. NOTIFY THE ARCHITECT IF ANY INFORMATION CONTAINED HERIN DOES NOT CONFORM TO CODES.

4 THIS DRAWING HAS BEEN PREPARED FROM ARCHITECTURAL WALL LAYOUT DRAWINGS ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS MUST BE ANNOUNCED

5. ALL DIMENSIONS SHOWN ARE TO BE MEASURED FROM FINISH SURFACES AND FROM CENTER OF COLUMN LINES. ALL WRITTEN DIMENSIONS

6. THE FOODSERVICE EQUIPMENT WILL BE PROVIDED WITH ONLY THE DEVICES SUPPLIED AS STANDARD BY THE MANUFACTURER OR SPECIFIED BY THE CONSULTANT. THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL OTHER NECESSARY FRAMING, SUPPORTS, BACKINGS, HARDWARE, FINISHES AND ANY OTHER BUILDING STRUCTURES AND MATERIALS REQUIRED FOR A PROPER INSTALLATION.

7. GENERAL CONTRACTOR SHALL INSTALL BACKING FOR THE FOLLOWING ITEMS:

A. WALL SHELVES FROM 57" TO 75" AFF.
B. HAND SINKS FROM 30" TO 54" AFF.
C. POT SINKS FROM30" TO 42"AFF.
D. PREP TABLES W/SINK FROM 30" TO 42"AFF
E. MOP SINKS FROM 48" TO 78" AFF.
F. FIRE SUPPRESSION SYSTEM FROM 12" TO 108" AFF.
G. HOSE REELS FROM 12" TO 108" AFF. (SEE DETAIL SPEC. SHT.) H. WATER FILTERS FROM 54" TO 72" AFF.

EQUIPMENT SCHEDULE

ITEM NO	QTY	EQUIPMENT CATEGORY	AMPS	VOLTS	PHASE	CYCLE	DIRECT	PLUG	NEMA	COLD WATER SIZE (IN)	HOT WATER SIZE (IN)	DIRECT DRAIN SIZE (IN)	INDIR DRAIN SIZE (IN)	EQUIPMENT REMARKS
100	1	SINK, SCULLERY, 3 COMPARTMENTS								0.5	0.5		1.5	
													1.5	
													1.5	
100.1	1	FAUCET, WALL MOUNT								0.5	0.5			
101	1	REFRIGERATOR, REACH-IN	2.3	115	1	60		X	5-15P					
102	2	HEATED CABINET, MOBILE	1.9	115	1	60		X	5-20P					
103	1	WORK TABLE												
104	2	SHELVING, WIRE												
105	1	TABLE, WORK												
108	1	SINK, MOP												By Contractor
108.1	1	SERVICE SINK FAUCET, WALL MOUNT								0.5	0.5			By Contractor
111	1	SINK, HAND, WALL MOUNT								1	1	1.875		
112	1	BIN, ICE											0.75	
113	1	ICE MAKER W/O BIN	10.6	115	1	60				0.25			0.75	Connected to #114
114	1	FILTER SYSTEM, ICEMAKER								0.375				
200	1	BACK BAR COOLER - GLASS DOOR	2.2	115	1	60		X	5-15P					
201	1	UNDERBAR HANDSINK								0.5	0.5	1.5		
202	1	UNDERBAR LIQUOR DISPLAY												
203	1	UNDERBAR ICE CHEST											1	
205	2	UNDERBAR DRY STORAGE												
206	1	DROP-IN, COLD PAN											1	
207	1	TRASH CANS												
S1	1	SHELVING, WIRE												
S2	1	SHELVING, WIRE												
S3	1	SHELVING, WIRE												

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No.	Description	Date

CONTRACT DOCUMENTS FOR:
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FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

FOOD SERVICE

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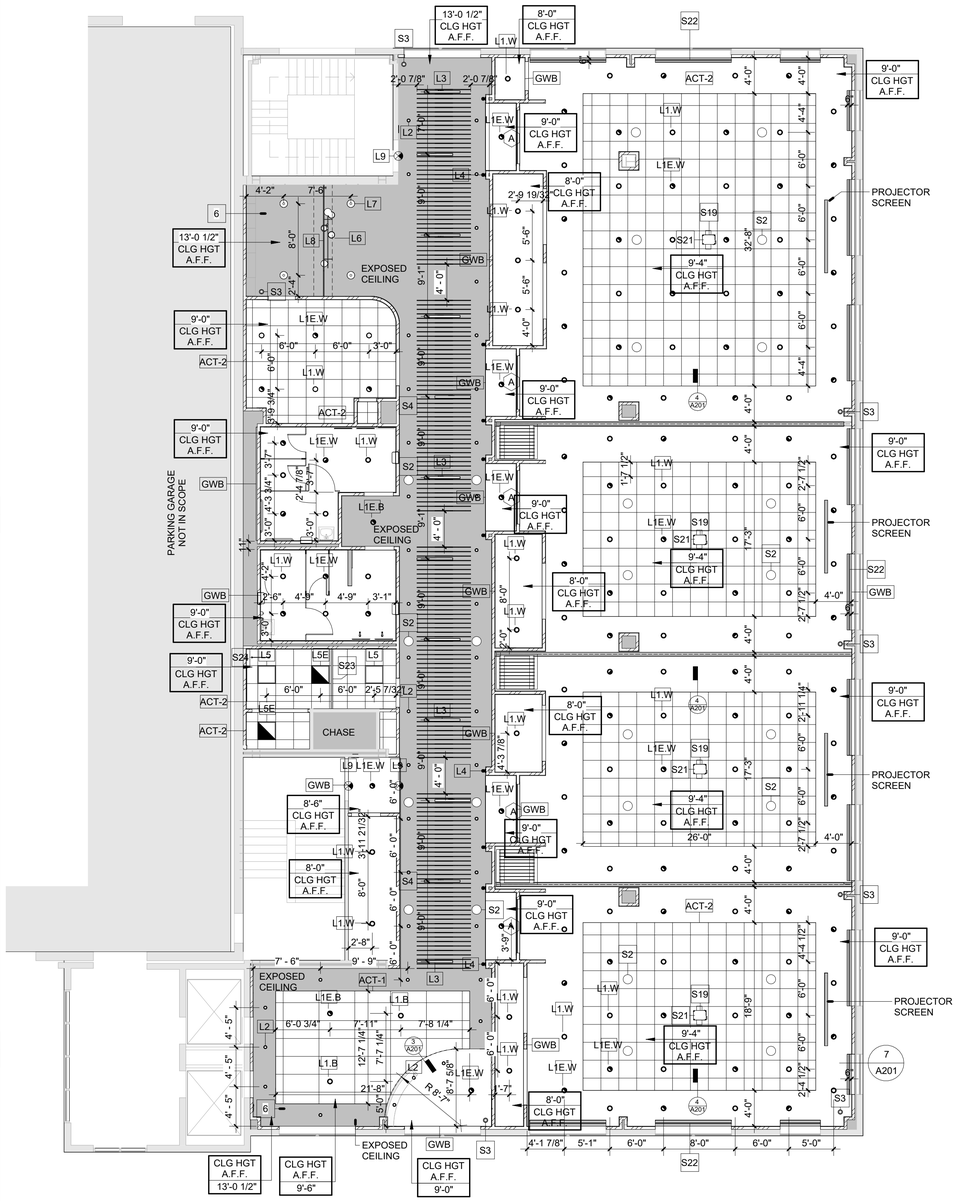

4TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXIT SIGN		PENDANT LIGHT
	1' LINEAR WALL SCONCE		2X2 TROFFER
	CAN PENDANT LIGHT		2X2 TROFFER W/ EM
	6" RECESSED CAN LED		WOOD SLATS
	6" RECESSED CAN LED W/ EM		2' x 2' MINERAL ACT
	CYLINDER PENDANT LIGHT		2' x 4' WOOD ACT
	AUDIO SPEAKER (A/S)		
	SECURITY CAMERA (SEC.)		
	4' LINEAR PENDANT LIGHT		

CEILING SCHEDULE

TYPE MARK	TYPE	MANUFACTURER	DESCRIPTION
ACT-1	2' x 4' Armstrong WOODWORKS System	ARMSTRONG	WOODWORKS VECTOR, PERFORATED, PLAIN SLICE WALNUT
ACT-2	2' x 2' ACT System	ARMSTRONG	TEGULAR, WHITE
GWB	GWR ON MTL. STUD	-	-

FLOOR PLAN NOTES

MARK	FLOOR PLAN NOTES
1	REMOVE AND REPLACE FIRE EXTINGUISHER.
2	CONTRACTOR SHALL INSTALL STUD FRAMING WITHIN THE LIMITS OF THE DIAGONAL BRACING AND COORDINATE PLACEMENT OF THE BUILDING SYSTEM COMPONENTS WITHIN THE FRAMED CAVITY
3	WALL RAIL AROUND ENTIRE PERIMETER OF MEETING ROOM AND BANQUET.
4	REMOVE AND REPLACE HARDWARE. REFER TO DOOR SCHEDULE FOR NEW PANIC HARDWARE TO BE INSTALLED.
5	PROVIDE SINGLE PASS-THRU DOOR IN OPERABLE PARTITION WALL WITH INTEGRATED EXIT SIGN ON EGRESS SIDE.
6	EXPOSED CEILING WILL BE PAINTED BLACK, INCLUDING ALL STRUCTURAL JOISTS, WIRES, DUCTWORK,. REFER TO INTERIOR ELEVATIONS FOR BLACK PAINT HEIGHT.

LIGHTING FIXTURE SCHEDULE

TYPE MARK	TYPE	MANUFACTURER	MODEL	DESCRIPTION	IMAGE
L1.B	6" RECESSED DOWNLIGHT (BLACK TRIM)	INTENSE LIGHTING	SD6DR-L2-409-D101-WF / IC630-B-SF / I100	BLACK REFLECTOR TRIM	
L1.W	6" RECESSED DOWNLIGHT (WHITE TRIM)	INTENSE LIGHTING	<varies>	WHITE REFLECTOR TRIM	
L1E.B	6" RECESSED DOWNLIGHT (BLACK TRIM) W/ EM	INTENSE LIGHTING	SD6DR-L2-409-D101-WF-EM7T / IC630-B-SF / I100	BLACK REFLECTOR TRIM	
L1E.W	6" RECESSED DOWNLIGHT W/ EM (WHITE TRIM)	INTENSE LIGHTING	<varies>	WHITE REFLECTOR TRIM	
L2	PENDANT LIGHT	LIGHTHEADED	C3P-R-9-24-24-30-40-9008-P-UNV-3C-4	BLACK FINISH	
L3	LINEAR PENDANT LIGHT	FINELITE BETTER LIGHTING	HP-4 DIRECT PENDANT	BLACK FINISH, PENDANT	
L4	WALL SCONCE	TGS	KEE-WS-2B10-1845-G L-PN	-	
L5	2'x2' FLAT TROFFER	HE WILLIAMS	LT-22-L27/940-AF-DIM-UNV	-	
L5E	2'x2' FLAT TROFFER EM	HE WILLIAMS	LT-22-L27/940-AF-EM/10W-DIM-UNV	-	
L6	CHANDELIER	KICHLER	LINARA 44168BK	BLACK FINISH	
L7	SAUCER PENDANT LIGHT	MULLAN	MLP372	BLACK FINISH	
L8	LED LIGHT	DIODELED	NEON BLAZE	UNDER BAR COUNTER	
L9	EXIT SIGN	BEGHELLI	OL2-SA-LR/G-1/2-MCR	WITH ENCLOSURE, PENDANT LIGHT	

NOTE: REFER TO ELECTRICAL FOR FURTHER INFORMATION
NO SUBSTITUTIONS.

CONTACT: SESCO LIGHTING
JASON BOEHM
JBOEHM@SESCOLIGHTING.COM

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ADDRESS:
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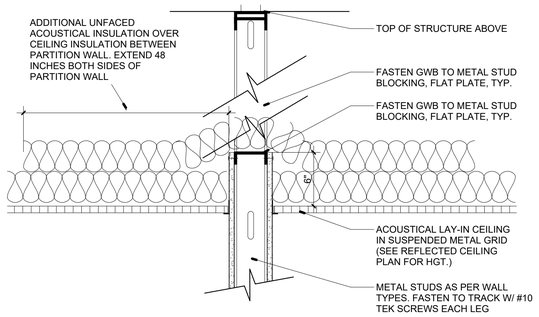
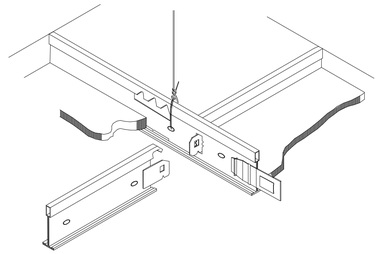
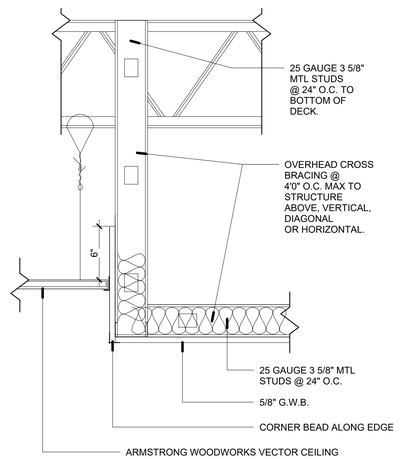


1 ACOUSTICAL CEILING DETAIL
SCALE: 1 1/2" = 1'-0"

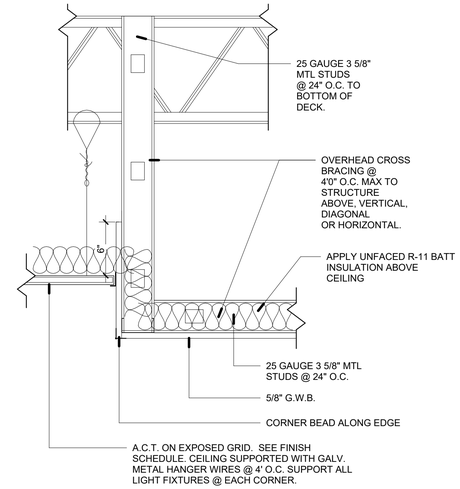
PROVIDE MAIN RUNNERS CONTINUOUS IN LINE WITH EACH SIDE OF RECESSED LIGHT AND PARALLEL MAXIMUM 4'-0" ON CENTERS IN THE CEILING FIELD. CROSS RUNNERS SHALL BE MAXIMUM 2'-0" ON CENTERS. PROVIDE ACCESSIBLE HOLD-DOWN CLIPS FOR ACOUSTIC TILES LESS THAN 1 LB./SQ.FT. PROVIDE MINIMUM 12 GAUGE GALVANIZED STEEL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



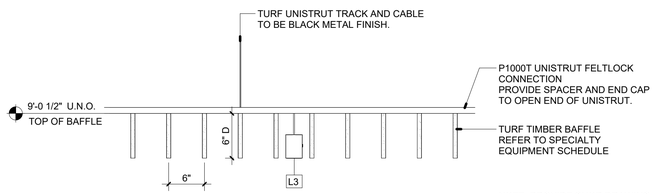
2 CEILING DETAIL ACOUSTICAL TILE
SCALE: NTS



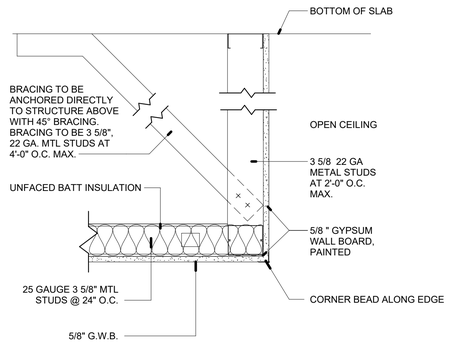
3 SOFFIT DETAIL AT LOBBY
SCALE: 1 1/2" = 1'-0"



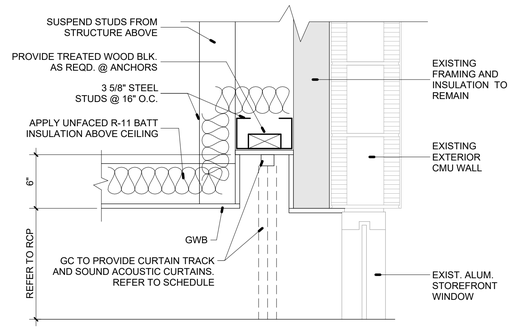
4 SOFFIT DETAIL, TYP.
SCALE: 1 1/2" = 1'-0"



5 ACOUSTICAL BAFFLES AT CORRIDOR
SCALE: 1" = 1'-0"



6 OPEN CEILING HEADER DETAIL
SCALE: 1 1/2" = 1'-0"



7 DETAIL ON CURTAIN RECESS AT WINDOW
SCALE: 1 1/2" = 1'-0"

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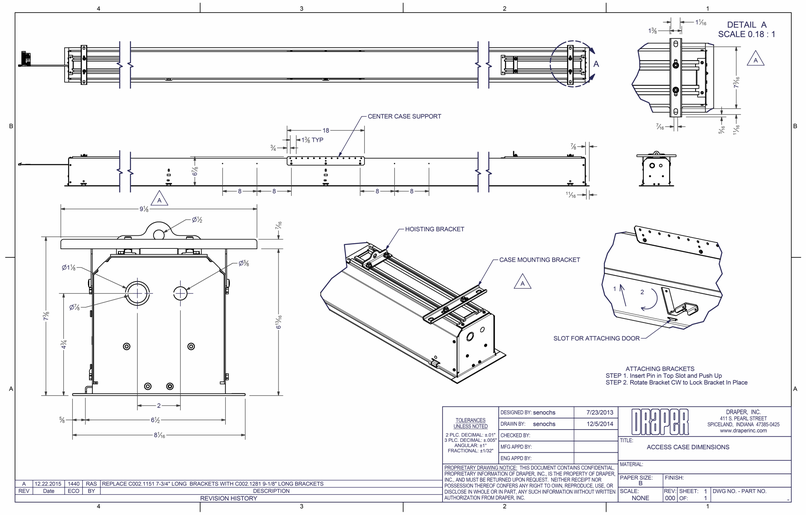
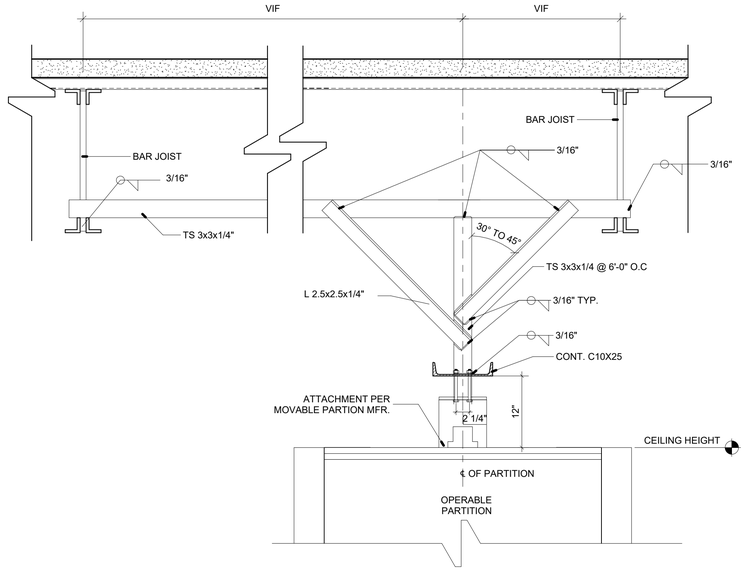
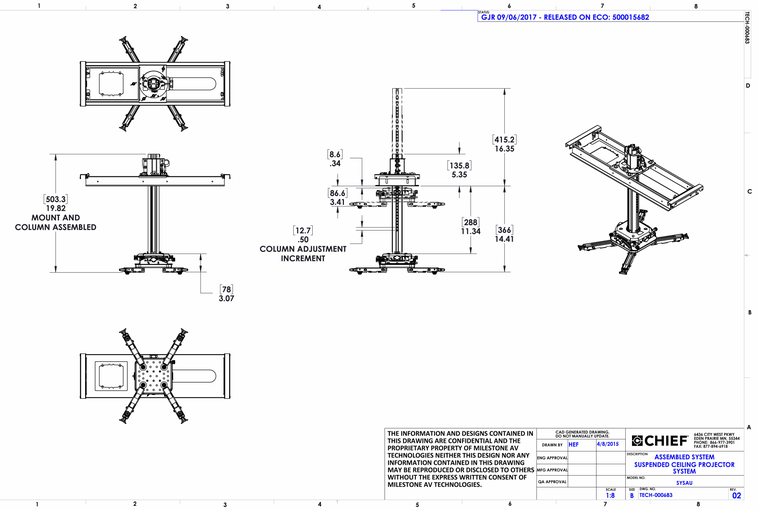


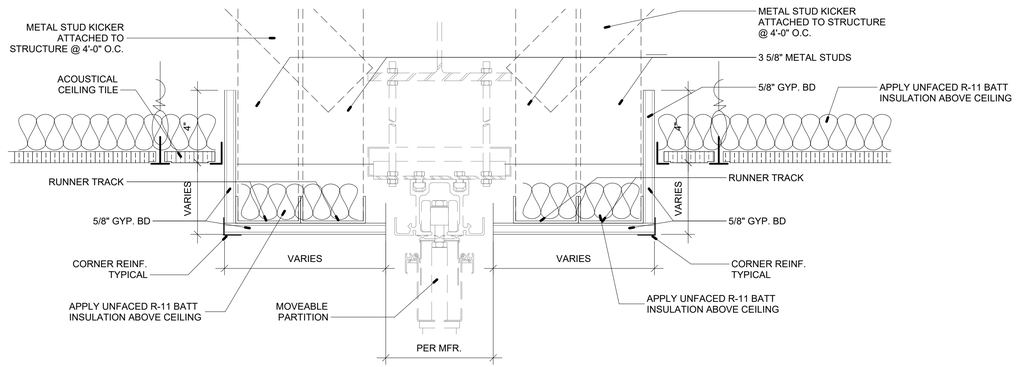
1 MOTORIZED PROJECTOR SCREEN
SCALE: NTS



2 OPERABLE PARTITION SUPPORT DETAIL
SCALE: 1" = 1'-0"



3 PROJECTOR MOUNT
SCALE: NTS



4 OPERABLE PARTITION WALL DETAIL
SCALE: 3" = 1'-0"

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SEAL

DIGITAL SIGNATURE

REVISIONS:

No.	Description	Date

CONTRACT DOCUMENTS FOR:
SUNRISE EVENT CENTER
FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

REFLECTED CEILING PLAN

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
Project Status	3-31-2026	/

THIS DRAWING HAS BEEN ISSUED ON THE DATE SHOWN & FOR THE PURPOSE NOTED

JOB FILE NUMBER:
25-124

A202

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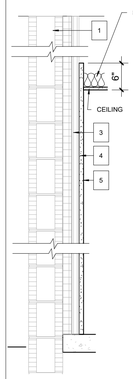
WALL TYPE	INTERIOR	FIRE RATING
1		1HR



1 EXISTING CONCRETE MASONRY UNIT TO REMAIN.

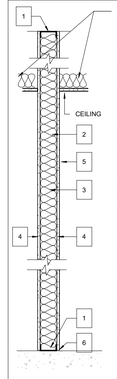
2 EXISTING RIGID INSULATION TO REMAIN.

3 EXISTING STEEL STUDS TO REMAIN.

4 GYPSUM WALLBOARD TYPE X - (1) LAYER OF 5/8" THICK, 4FT WIDE, ATTACHED TO STEEL STUDS AND FLOORS WITH 1 INCH LONG TYPE S STEEL SCREWS SPACES 8 INCH O.C. ALONG EDGES OF BOARD AND 12 INCHES O.C. IN THE FIELD OF THE BOARD. JOINTS ORIENTED VERTICALLY AND STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY.

5 JOINT AND TAPE COMPOUND- VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEAD;PAPER TAPE, 2 INCH WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.

WALL TYPE	INTERIOR	FIRE RATING
2 2A		N/A



1 FLOOR AND CEILING RUNNERS-CHANNEL SHAPED RUNNERS, 6 INCH DEEP (MIN), 1-1/4 INCH LEGS, FORMED FROM MIN No 20 MSG GALVANIZED STEEL, ATTACHED TO FLOOR AND CONC WITH FASTENERS SPACED 24 INCHES O.C..

2 STEEL STUDS- "C" CHANNEL SHAPED, 3-5/8 INCH DEEP (MIN), FORMED FROM 20 MSG GALVANIZED STEEL SPACED AT 16 INCH O.C. MAX. STUDS TO BE ATTACHED TO STRUCTURE ABOVE

3 BATTS AND BLANKETS - MIN 3 INCH OF MINERAL WOOL OR GLASS FIBER BATTS COMPLETELY FILLING STUD CAVITY. FASTEN FOR EACH BATT WITH MIN. 9/16 INCH LONG STAPLES.

4 GYPSUM WALLBOARD TYPE X - (1) LAYER OF 5/8" THICK, 4FT WIDE, ATTACHED TO STEEL STUDS WITH 1 1/2" TYPE S SCREWS @ 8" O.C. ALONG EDGES OF BOARD AND 12 INCHES O.C. IN THE FIELD OF THE BOARD. JOINTS ORIENTED VERTICALLY AND STAGGERED.

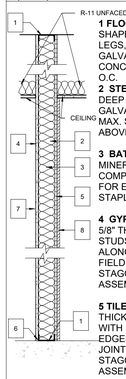
5 JOINT AND TAPE COMPOUND - VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEAD; PAPER TAPE, 2 INCH WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.

6 ACOUSTICAL SEALANT - APPLY BED OF ACOUSTICAL SEALANT BELOW BOTTOM TRACK

2A SAME AS TYPE 2 - WITH GWB ONE SIDE ONLY

NOTE: VERIFY IN FIELD COORDINATION WITH MEP SYSTEM

WALL TYPE	INTERIOR	FIRE RATING
3 3A		N/A



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2 STEEL STUDS- "C" CHANNEL SHAPED, 3-5/8" DEEP (MIN), FORMED FROM 20 MSG GALVANIZED STEEL SPACED AT 16 INCH O.C. MAX. STUDS TO BE ATTACHED TO STRUCTURE ABOVE

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4 GYPSUM WALLBOARD TYPE X - (1) LAYER OF 5/8" THICK, 4FT WIDE, ATTACHED TO STEEL STUDS WITH 1 1/2" TYPE S SCREWS @ 8" O.C. ALONG EDGES OF BOARD AND 12" O.C. IN THE FIELD. JOINTS ORIENTED VERTICALLY AND STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY.

5 TILE BACKER BOARD - (1) LAYER OF 5/8" THICK, 4FT WIDE, ATTACHED TO STEEL STUDS WITH 1 1/2" TYPE S SCREWS @ 8" O.C. ALONG EDGES OF BOARD AND 12" O.C. IN THE FIELD. JOINTS ORIENTED VERTICALLY AND STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY.

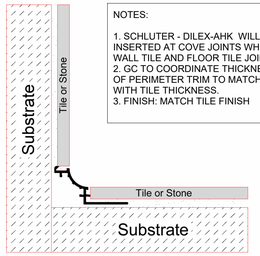
6 ACOUSTICAL SEALANT - APPLY BED OF ACOUSTICAL SEALANT BELOW BOTTOM TRACK

7 JOINT AND TAPE COMPOUND-VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEAD; PAPER TAPE, 2 INCH WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.

8 PORCELAIN TILE (ONE SIDE) SEE INTERIOR ELEVATIONS

3A SAME AS TYPE 3 - WITH TILE BACKER BOARD AND TILE ONE SIDE ONLY

Schluter®- DILEX-AHK



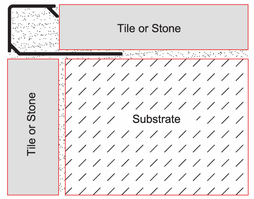
NOTES:

1. SCHLUTER - DILEX-AHK WILL BE INSERTED AT COVE JOINTS WHERE WALL TILE AND FLOOR TILE JOIN.
2. GC TO COORDINATE THICKNESS OF PERIMETER TRIM TO MATCH WITH TILE THICKNESS.
3. FINISH: MATCH TILE FINISH

Scale: N.T.S.

1 COVE FLOORING DETAIL
SCALE: NTS

Schluter®- QUADEC

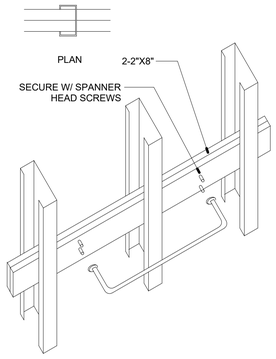


NOTES:

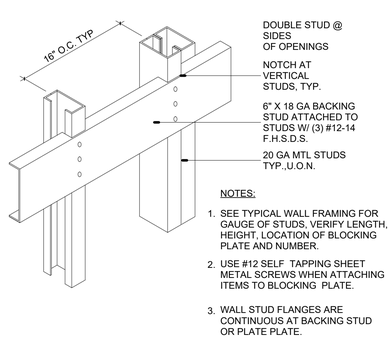
1. SCHLUTER - QUADEC WILL BE INSERTED AT OUTER CORNERS OF WALLS.
2. GC TO COORDINATE THICKNESS OF PERIMETER TRIM TO MATCH WITH TILE THICKNESS.
3. FINISH: MATCH TILE FINISH

Scale: N.T.S.

2 TILE EDGE DETAIL
SCALE: NTS



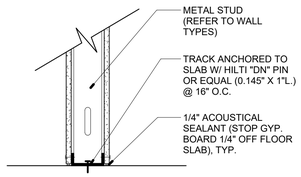
3 GRAB BAR DETAIL
SCALE: 1" = 1'-0"



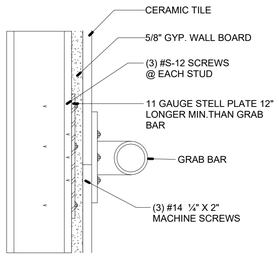
NOTES:

1. SEE TYPICAL WALL FRAMING FOR GAUGE OF STUDS, VERIFY LENGTH, HEIGHT, LOCATION OF BLOCKING PLATE AND NUMBER.
2. USE #12 SELF TAPPING SHEET METAL SCREWS WHEN ATTACHING ITEMS TO BLOCKING PLATE.
3. WALL STUD FLANGES ARE CONTINUOUS AT BACKING STUD OR PLATE PLATE.

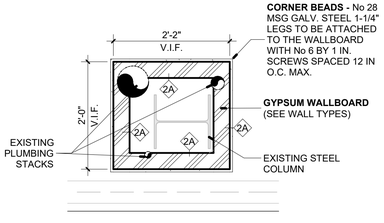
4 GRAB BAR STUD BLOCKING
SCALE: 1" = 1'-0"



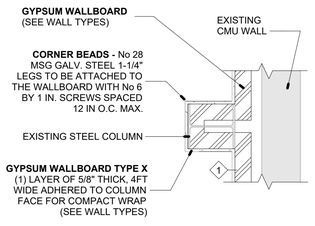
5 TYP. WALL BASE CONNECTION
SCALE: 1 1/2" = 1'-0"



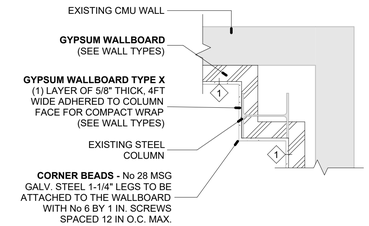
6 GRAB BAR & TOWEL BAR MOUNTING DETAIL
SCALE: 3" = 1'-0"



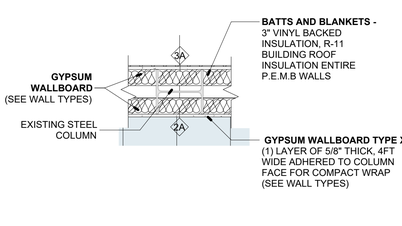
7 WRAPPED COLUMN DETAIL 1 (TYP.)
SCALE: 3/4" = 1'-0"



8 WRAPPED COLUMN DETAIL 2 (TYP.)
SCALE: 3/4" = 1'-0"



9 WRAPPED COLUMN DETAIL 3 (TYP.)
SCALE: 3/4" = 1'-0"

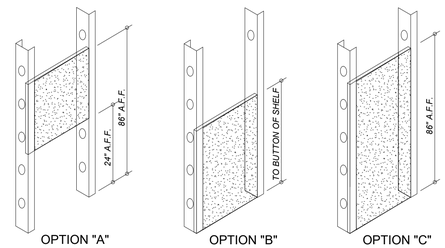


10 WRAPPED COLUMN DETAIL 4 (TYP.)
SCALE: 3/4" = 1'-0"

GENERAL WALL TYPES NOTES:

1. WALL TAG DESIGNATION IS INTEDED TO INDICATE WALL TYPE ALONG AN ENTIRE WALL PLAN AND/OR SURFACE ALONG THE FULL LENGTH OF A SPACE OR CORRIDOR INCLUDING ASSOCIATED ALCOVES AND NICHES, UNLESS INDICATED OTHERWISE. REFER TO FLOOR PLAN FOR WALL TYPE LOCATIONS.
2. MAXIMUM STUD SPACING & MIN. STUD GAUGE SHALL PROVIDE A MAXIMUM DEFLECTION OF L/240 UNDER A MINIMUM 5 PSF LATERAL LOAD, UNLESS OTHERWISE INDICATED.
3. PROVIDE 20 GAUGE STUDS AT PARTITION RECEIVING TILE FINISH. PROVIDE DOUBLE 20 GAUGE STUDS AT EACH SIDE OF DOOR OPENINGS AND AT EACH SIDE OF PARTITION OPENINGS EXCEEDING 32 INCHES IN WIDTH.
4. ALL PARTITIONS TO EXTEND FULL-HEIGHT TO UNDERSIDE OF STRUCTURE AND BE FULLY INSULATED WITH SOUND BLANKET(UNLESS NOTED OTHERWISE)
5. AT UNRATED ASSEMBLIES, WALL BOARD AND SURFACE FINISH MATERIAL, EXCEPT TILE, SHALL EXTEND A MINIMUM OF 4" ABOVE ACOUSTICAL TILE CEILING, UNLESS NOTED OTHERWISE.
6. BATHROOMS AND WET AREAS SHALL HAVE MOISTURE-RESISTENT GYPSUM WALL BOARD (GWB) AND DUROCK (CEMENT BOARD) AROUND SHOWER AREA AS REQUIRED BY CODE.
7. ALL GYPSUM WALLBOARD AND TILE BACKER BOARD SHALL BE 5/8" THROUGHOUT, UNLESS OTHERWISE NOTED.
   A. ALL GYPSUM WALLBOARD ATTACHED TO STEEL STUDS AND FLOORS WITH 1 INCH LONG TYPE S STEEL SCREWS SPACES 8 INCH O.C. ALONG EDGES OF BOARD AND 12 INCHES O.C. IN THE FIELD OF THE BOARD. JOINTS ORIENTED VERTICALLY AND STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY
   B. ALL GYPSUM WALLBOARD JOINT AND TAPE COMPOUND SHALL BE VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEAD;PAPER TAPE, 2 INCH WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
8. ALL WALL HUNG PLUMBING FIXTURES SHALL BE SUPPORTED BY 20 GAUGE METAL STUD DOUBLED WALL A HORIZONTAL MEMBER SECURELY FASTENED TO NOT LESS THAN TWO STUDS MINUMUM FOR EACH PLUMBING FIXTURE.
9. CONTRACTOR SHALL COORDINATE WITH EQUIPMENT LAYOUT AND EQUIPMENT MANUFACTUER/SUPPLIER FOR SUPPORT REQUIREMENTS.
10. KNEE WALL STRUCTURAL SUPPORTS TO BE: MIDWALL (MODEL #: 32MW-2), BY THE STEEL NETWORT, INC. (OR EQUAL).
11. TERMINATE GYPSUM BOARD 1/4" A.F.F. PROVIDEING ACOUSTIC SEALANT. AT FIRE RATED PARTITION SEALANT SHALL BE UL RATED THROUGH PENETRATION SEALANT. AT SMOKE PARTITIONS SEALANT SHALL RESIST THE PASSAGE OF SMOKE.
12. SET FLOOR TRACK IN TWO CONTINUOUS BEADS OF ACOUSTICAL SEALANT AT DESIGNATED ACOUSTICAL PARTITIONS.
13. PROVIDE RED PAINT (STENCILED) SIGN ABOVE DECORATION CEILING OF ALL FIRE RATED OR SMOKE WALLS TO READ: "FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS, OR SIMILAR LANGUAGE. SUCH SIGNS OR STENCILING SHALL BE 4-INCH HIGH LETTERING, 1/2" STROKE, AND NOT MORE THAN 15-FEET ON-CENTER. (NFPA 101, CHAPTER 8) .
14. ALL EXTERIOR WALL BE FULLY INSULATED WITH AN APPROVED TYPE RIGID BOARD ADHERED TO MASONRY/CONC. WITH A MINUMUM R-6.5 VALUE. BASIS OF DESIGN SHOWN AS FI-FOIL VR-PLUS SHEILD (R-7.1 VALUE) OR APPROVED EQUAL (UNLESS NOTED OTHERWISE).
15. MINIMUM EQUILIVENT THICKNESS OF CMU WALLS FOR 1-HRS FIRE RATING AS PER FBC-B TABLE 21.1(2), ITEM 3 IS 3-INCHES, THEREFORE ALL CMU WALLS FOR THIS PROJECT QUALIFY AS RATED.
16. PENETRATIONS THROUGH RATED WALLS SHALL BE FIRE STOPPED WITH UL CLASSIFIED FILL,VOID, CAVITY MATERIAL. PENETRATIONS THROUGH SMOKE PARTITIONS SHALL RESIST THE PASSAGE OF SMOKE.
17. ALL LOAD BEARING WALLS TO BE REINFORECED IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
18. NOMINAL DIMENSIONS FOR PARTITIONS HAVE BEEN SHOWN ON THE WALL TYPES.
19. REFER TO WALL TYPES LOCATIONS INDICATED ON FLOOR PLAN(S).

WALL BACKING NOTES AND OPTIONS



ALL HEIGHTS SPECIFIED IN THE OPTIONS SHOWN BELOW ARE ABOVE FINISH FLOOR.

LENGTHS OF WALL BACKING ARE NOMINAL. ALWAYS EXTEND TO THE NEXT STUD OVER EACH DIRECTION.

GENERAL CONTRACTOR SHALL REVIEW PLANS IN THEIR ENTIRETY TO DETERMINE WALL BACKING REQUIREMENTS MAY NOT BE INDICATED ON THESE PLAN.

THIS DRAWING SHALL BE USED AS AN INSTRUMENT OF REFERENCE BY ALL OTHER TRADES AND CONTRACTORS. ALL TRADES SHALL VERIFY THE INFORMATION AS SHOWN ON THESE PLANS. FOR SPECIFIC CONNECTION INFORMATION, REFER TO THE ARCHITECT AND/OR CONTRACTOR'S DRAWINGS.

DIMENSIONS AND REQUIREMENTS FOR ALL EXISTING EQUIPMENT PROVIDED BY OTHERS MUST BE VERIFIED.

ALL NATIONAL, STATE AND LOCAL CODES SHALL APPLY.

GENERAL CONTRACTOR TO PROVIDE 3/4" PLYWOOD WALL BACKING ON WALLS SPECIFIED AS SHOWN ON THE OPTIONS SHOWN BELOW.

BLOCKING FOR UPPER WALL HUNG CABINETS (UP TO 2 SHELVES) BASE CABINETS, FULL HEIGHT CABINETS, HANDRAILS, GUARDRAILS, GRAB BARS, WALL HUNG EQUIPMENT, ETC. MAXIMUM WEIGHT - 250 LBS./FT.

ARCHITECTS DESIGN COLLABORATIVE, LLC
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SEAL

DIGITAL SIGNATURE

REVISIONS:

No.	Description	Date

CONTRACT DOCUMENTS FOR:

SUNRISE EVENT CENTER

FORT PIERCE REDEVELOPMENT AGENCY

ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

WALL TYPES & WALL DETAILS

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
Project Status	3-31-2026	/

THIS DRAWING HAS BEEN ISSUED ON THE DATE SHOWN & FOR THE PURPOSE NOTED

JOB FILE NUMBER:
25-124

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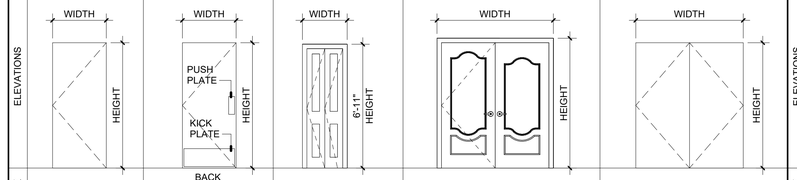
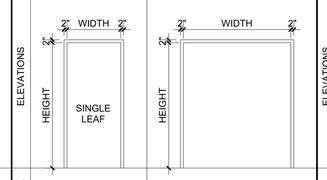
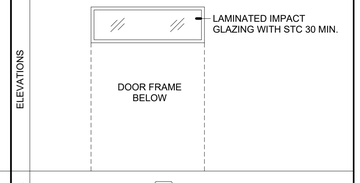
DOOR TYPES LEGEND



DOOR FRAMES TYPES LEGEND



WINDOW TYPE LEGEND



DOOR SCHEDULE

DR. #	DIMENSIONS WIDTH	DIMENSIONS HEIGHT	DIMENSIONS THK.	EXT. / INT.	DR. TYPE	DOOR MATL.	DOOR FINISH	FRAME MATL.	FRAME FINISH	HW. SET	COMMENTS
401	3'-0"	7'-0"	1 3/4"	INT.	D1	HM	PNT-1	HM	PNT-1	Set 3	IT ROOM
402	3'-0"	7'-0"	1 3/4"	INT.	D1	HM	PNT-1	HM	PNT-1	Set 6	BRIDE'S ROOM
403	6'-0"	7'-0"	1 3/4"	INT.	D4	HM	PNT-2	HM	PNT-2	Set 4	STORAGE
404	3'-0"	7'-0"	1 3/4"	INT.	D1	HM	PNT-1	HM	PNT-1	Set 5	RESTROOM
405	6'-0"	7'-0"	1 3/4"	INT.	D4	HM	PNT-2	HM	PNT-2	Set 4	STORAGE
406	3'-0"	7'-0"	1 3/4"	INT.	D4	HM	PNT-1	HM	PNT-1	Set 5	RESTROOM
407	3'-6"	7'-0"	1 3/4"	INT.	D1	HM	PNT-1	HM	PNT-1	Set 3	WARMING KITCHEN
409	3'-0"	7'-0"	1 3/4"	INT.	D1	HM	PNT-2	HM	PNT-2	Set 3	STORAGE
410A	3'-0"	7'-0"	2"	INT.	D3	WD	PNT-1	WD	PNT-1	Set 2	MEETING ROOM DOOR W/ TRANSOM ABOVE. REFER TO WINDOW SCHEDULE.
410B	3'-0"	7'-0"	2"	INT.	D3	WD	PNT-1	WD	PNT-1	Set 2	MEETING ROOM DOOR W/ TRANSOM ABOVE. REFER TO WINDOW SCHEDULE.
411	3'-0"	7'-0"	2"	INT.	D3	WD	PNT-1	WD	PNT-1	Set 2	MEETING ROOM DOOR W/ TRANSOM ABOVE. REFER TO WINDOW SCHEDULE.
412	3'-0"	7'-0"	2"	INT.	D3	WD	PNT-1	WD	PNT-1	Set 2	MEETING ROOM DOOR W/ TRANSOM ABOVE. REFER TO WINDOW SCHEDULE.
413	3'-0"	7'-0"	2"	INT.	D3	WD	PNT-1	WD	PNT-1	Set 2	MEETING ROOM DOOR W/ TRANSOM ABOVE. REFER TO WINDOW SCHEDULE.
415A	6'-0"	7'-0"	1 3/4"	INT.	D4	HM	PNT-2	HM	PNT-2	Set 4	STORAGE
415B	6'-0"	7'-0"	1 3/4"	INT.	D4	HM	PNT-2	HM	PNT-2	Set 4	STORAGE
416A	6'-0"	7'-0"	1 3/4"	INT.	D4	HM	PNT-2	HM	PNT-2	Set 4	STORAGE
416B	6'-0"	7'-0"	1 3/4"	INT.	D4	HM	PNT-2	HM	PNT-2	Set 4	STORAGE
417	6'-0"	7'-0"	1 3/4"	INT.	D4	HM	PNT-2	HM	PNT-2	Set 4	ELETRICAL ROOM
418	2'-0"	6'-8"	1 1/2"	INT.	D2	WD	PNT-2	WD	PNT-2	(none)	BI-FOLD CLOSET DOOR
419	3'-0"	7'-0"	-	INT.	F1	-	-	HM	PNT-1	(none)	OPENING

DOOR HARDWARE SETS

HARDWARE GROUP NO. 01
DOORS AT STAIR (EXISTING)
PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

1 EA	FIRE EXIT HARDWARE	99-NL-F 626 VON
1 EA	RIM CYLINDER	20-057-ICX 626 SCH
1 EA	FSIC CORE	23-030 626 SCH
1 EA	SURFACE CLOSER	4040XP REG OR PA AS REQ 689 LCN

EXISTING DOOR & FRAME TO REMAIN. BALANCE OF DOOR HARDWARE TO REMAIN.

OPERATIONAL DESCRIPTION:
FREE EGRESS AT ALL TIMES. PRESSING PUSH BAR RETRACTS LATCHBOLTS. TRIM ALWAYS LOCKED, ENTRANCE BY TRIM WHEN KEY RETRACTS LATCHBOLT FROM PULL SIDE. SELF-CLOSING.

HARDWARE GROUP NO. 02
DOORS(DBL) AT BANQUET / MEETING ROOMS.
PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

6 EA	HINGE	5BB1 4.5 X 4.5 NRP 652 IVE
2 EA	PANIC HARDWARE	9927-L-996-06-299F-SNB 626 VON
2 EA	RIM CYLINDER	20-057 626 SCH
2 EA	SURFACE CLOSER	4040XP SCUSH 689 LCN
2 EA	KICK PLATE	8400 10" X 2" LDW B4E 630 IVE
1 SET	SEALS	303AS 1/72" 2/84" AL PEM
1 EA	THRESHOLD	2005AV 72" MSES10 AL PEM

OPERATIONAL DESCRIPTION
FREE EGRESS AT ALL TIMES. PRESSING PUSH BAR RETRACTS LATCHBOLTS. LATHBOLT RETRACTS BY LEVEL UNLESS LOCKED BY KEY.KEYS LOCKS AND UNLOCK LEVEL

HARDWARE GROUP NO. 03
DOORS AT STORAGE, WARMING KITCHEN

3 EA	HINGE	5BB1 4.5 X 4.5 652 IVE
1 EA	VANDL STOREROOM Lock	ND96PD RHO 626 SCH
1 EA	SURFACE CLOSER	4040XP REG OR PA AS REQ 689 LCN
1 EA	KICK PLATE	8400 10" X 2" LDW B4E 630 IVE
1 EA	WALL STOP	WS406/407CVX 630 IVE
12 EA	SILENCER	SR64 GRY IVE

HARDWARE GROUP NO. 04
DOORS(DBL) AT STORAGE, ELETRICAL CLOSET

6 EA	HINGE	5BB1 4.5 X 4.5 652 IVE
2 EA	MANUAL FLUSH BOLT	FB458 626 IVE
1 EA	VANDL STOREROOM LOCK	ND96PD RHO 626 SCH
2 EA	SURFACE CLOSER	4040XP SCUSH 689 LCN
2 EA	KICK PLATE	8400 10" X 2" LDW B4E 630 IVE
2 EA	WALL STOP	WS406/407CVX 630 IVE
2 EA	SILENCER	SR64 GRY IVE

HARDWARE GROUP NO. 05
DOORS AT RESTROOM
PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

3 EA	HINGE	5BB1 4.5 X 4.5 652 IVE
1 EA	PUSH PLATE	8200 4" X 16" 630 IVE
1 EA	PULL PLATE	8303 10" 4" X 16" 630 IVE
1 EA	SURFACE CLOSER	4040XP REG OR PA AS REQ 689 LCN
1 EA	KICK PLATE	8400 10" X 2" LDW B4E 630 IVE
1 EA	WALL STOP	WS406/407CVX 630 IVE
3 EA	SILENCER	SR64 GRY IVE

HARDWARE GROUP NO. 06
DOORS AT BRIDAL CHANGING RM
PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

3 EA	HINGE	5BB1 4.5 X 4.5 652 IVE
1 EA	VANDL STOREROOM Lock	ND96PD RHO 626 SCH
1 EA	SURFACE CLOSER	4040XP REG OR PA AS REQ 689 LCN
1 EA	KICK PLATE	8400 10" X 2" LDW B4E 630 IVE
1 EA	WALL STOP	WS406/407CVX 630 IVE
12 EA	SILENCER	SR64 GRY IVE

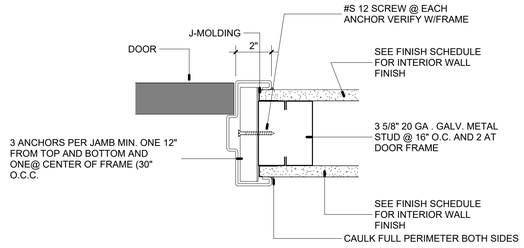
WINDOW SCHEDULE

WINDOW TYPE MARK	NOMINAL SIZE WIDTH	NOMINAL SIZE HEIGHT	MATERIAL	FINISH	SILL HEIGHT	COMMENTS	Count
A	6'-6"	1'-11 1/2"		PNT-3	7'-0"	ABOVE MEETING ROOM DOOR	5
Grand total: 5							

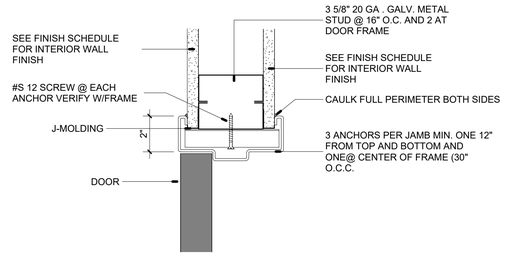
WINDOWS SCHEDULE NOTES:

MASONRY OPENINGS: SOME WINDOWS / DOORS HAVE A TOLERANCE 1/4" MAX. ADJUST MASONRY OPENINGS AS REQUIRED FOR BUCK AND WINDOW / DOOR SYSTEM CHOSEN

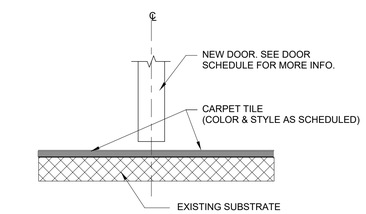
1. ALL WINDOWS SECURED TO WOOD BUCKS OR THRU WOOD BUCKS INTO CMU PER MANUFACTURER'S SPECIFICATIONS & NOAs TO MEET REQ'D WIND LOADS.
2. MASONRY OPENINGS SHALL MEET THE REQ'MTS OF SPECIFIED WINDOW / DOOR CHOSEN FOR THE PROJECT. BUILDER SHALL COORDINATE EXACT MASONRY OPENING WITH MASONRY SUBCONTRACTOR & WINDOW / DOOR SUPPLIER.
3. ALLOWABLE SHIM SPACING & TOLERANCE BETWEEN WINDOW FRAME & WINDOW BUCK:
   A. LESS THAN 1/4": NO SHIM REQ'D.
   B. BETWEEN 1/4" & 1/2": SHIM ANCHOR POINTS ONLY
   C. GREATER THAN 1/2": CONT PAD-OUT OF THE BUCK IS NECESSARY
4. PROVIDE ALUMINUM DRIP FLASHING AT ALL WINDOW & DOOR FRAME HEADS
5. PROVIDE CONTINUOUS SEALANT AT ALL WINDOW & DOOR HEADS, JAMBS AND SILLS.
6. PUBLIC ACCESS SECURITY WINDOW BY: TOTAL SECURITY SOLUTIONS (TSS NATUARL VOICE RAILS TRANSACTION WINDOW-STAINLESS STEEL)
7. ALL WINDOW DETAIL DRAWN PER CGI WINDOWS AND DOORS, HIALEAH, FL. UON (COLOR WHITE)



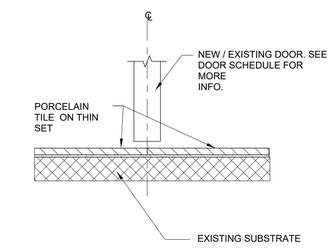
1 TYP. DOOR JAMB DETAIL PARTITION
SCALE: 3" = 1'-0"



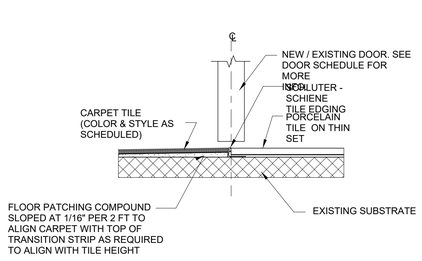
2 TYP. DOOR HEAD DETAIL - PARTITION
SCALE: 3" = 1'-0"



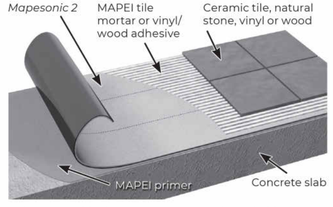
3 DOOR TRANSITION DETAIL
SCALE: 3" = 1'-0"



4 DOOR TRANSITION DETAIL
SCALE: 3" = 1'-0"

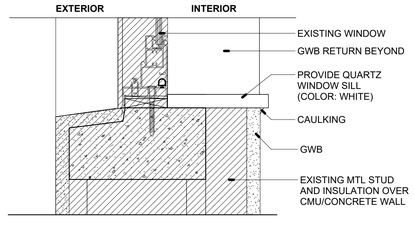


5 DOOR TRANSITION DETAIL
SCALE: 3" = 1'-0"



INSTALL MAPESONIC 2 UNDERLAYMENT BELOW PROPOSED CARPET AND TILE INSTALLATION. REFER TO MFR. RECOMMENDATION FOR INSTALLATION PROCEDURES

6 MAPESONIC 2, SOUND REDUCTION
SCALE: 3" = 1'-0"



7 WINDOW SILL DETAIL
SCALE: 3" = 1'-0"

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REVISIONS:

No.	Description	Date

CONTRACT DOCUMENTS FOR:
SUNRISE EVENT CENTER
FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

DOOR & WINDOWS SCHEDULE

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
Project Status	3-31-2026	/

THIS DRAWING HAS BEEN ISSUED ON THE DATE SHOWN & FOR THE PURPOSE NOTED

JOB FILE NUMBER:
25-124

A700

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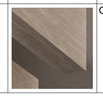
SPECIALTY EQUIPMENT SCHEDULE

Type Mark	Type	MANUFACTURER	Model	Image	COMMENTS	FURNISHED BY		INSTALLED BY	
						FURNISHED BY G.C.	FURNISHED BY OWNER	INSTALLED BY G.C.	INSTALLED BY OWNER
BRIDE'S ROOM									
S1	FLOOR TO CEILING MIRROR	-	GC TO COORDINATE		FRAMELESS MIRROR 48" x 108"	X		X	
S23	CEILING MOUNTED CURTAIN	-	-		GC TO PROVIDE CEILING MOUNTED CURTAIN & TRACK.	X		X	
S24	CLOTHES RACK	-	-		OWNER TO PROVIDE CLOTHING RACK.		X		X
GENERAL									
S2	SPEAKER	TBS BY OWNER	-		-	X		X	
S3	SECURITY CAMERA	TBS BY OWNER	-		-	X		X	
S4	SUSPENDED CEILING BAFFLE	TURF	TIMBER - System		COLOR: D04 WASHED ASH, SIZE: 6" x 6'-0"	X		X	
RESTROOM ACCESSORIES									
S5	TOILET PAPER DISPENSER	BRADLEY CORP.	5B2		-	X		X	
S6	24" x 48" No Shelf	BRADLEY CORP.	7B1-LED		LED MIRROR	X		X	
S7	TOILET PARTITIONS	BRADLEY CORP.	PHENOLIC PRIVACY PARTITION		COLOR TO BE SELECTED BY ARCHITECT	X		X	
S8	SOAP DISPENSER	BRADLEY CORP.	VERGE ZEN SERIES 6-3700		CHROME	X		X	
S9	VANITY TO CEILING MIRROR	-	GC TO COORDINATE		FRAMELESS MIRROR 24" x 68"	X		X	
S10	HOOK AT TOILET PARTITION	BOBRICK	B-9541		-	X		X	
S11	TOWEL DISPENSER & WASTE RECEPTACLE COMBO	BRADLEY CORP.	234-11		-	X		X	
S12	FRAMED MIRROR	BRADLEY CORP.	780		-	X		X	
S13	SOAP DISPENSER	BRADLEY CORP.	6563		-	X		X	
S14	DIVIDER PARTITION	BRADLEY CORP.	-		MATCH TOILET PARTITIONS	X		X	
S15	42" S.S. GRAB BAR	BRADLEY CORP.	832		-	X		X	
S16	36" S.S. GRAB BAR	BRADLEY CORP.	832		-	X		X	
S17	SANITARY NAPKIN DISPOSAL	BRADLEY CORP.	4B2		-	X		X	
ROOMS									
S18	OPERABLE PARTITIONS	MODERCO	SIGNATURE 800		STC 43, PROVIDE EGRESS SINGLE DOOR WITH AN EXIT SIGN DIRECTION OF EGRESS. FABRIC COLOR AND FINISHES TBS BY ARCHIETCT.	X		X	
S19	CEILING HUNG PROJECTOR	-	-		TBS BY OWNER	X		X	
S20	MOTORIZED PROJECTOR SCREEN	DRAPER INC.	MOTORIZED CONCEALED PROJECTOR SCREEN DRAPER ACCESS V		-	X		X	
S21	PROJECTOR MOUNT	LEGRAND AV	SYS474UB		-	X		X	
S22	SOUND ACOUSTIC CURTAINS	SNOWSOUND ACOUSTICS & WELL-BEING TECHNOLOGIES USA	SNOWCURTAINS		COLOR TO BE SELECTED BY ARCHITECT	X		X	

Grand total: 98

PROVIDED PLUMBING FIXTURE SCHEDULE

TYPE MARK	TYPE	MANUFACTURER	MODEL	IMAGE	COMMENTS
GENERAL					
P1	DRINKING FOUNTAIN	ELKAY	EMABFTL8WSLK		-
RESTROOM					
P2	LAVATORY	SLOAN	SS-3103		-
P3	FAUCET	SLOAN	SF-2150-4-BAT-BDM-CP-0.35GPM-MLM-IR-FCT		-
P4	WATER CLOSET W/ FLUSHOMETER	ZURN	Z5665-BWL1		PROVIDE FLUSHOMETER, ZURN Z6000AV-HET FLUSH VALVE ZURN Z5955SS-EL ELONGATED OPEN FRONT SEAT WITH S.S. HINGE
P5	UNDER MOUNT SINK	KOHLER	NA		-
P6	URINAL	AMERICAN STANDARD	6590.125		-
P7	FAUCET	BRADLEY CORP.	Verge Zen Series S53-3700		-

Grand total: 19

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REVISIONS:

No.	Description	Date

CONTRACT DOCUMENTS FOR:

SUNRISE EVENT CENTER

FORT PIERCE REDEVELOPMENT AGENCY

ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

SPECIAL EQUIPMENT & PLUMBING FIXTURE SCHEDULE

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
Project Status	3-31-2026	/

THIS DRAWING HAS BEEN ISSUED ON THE DATE SHOWN & FOR THE PURPOSE NOTED

JOB FILE NUMBER:

25-124

A800

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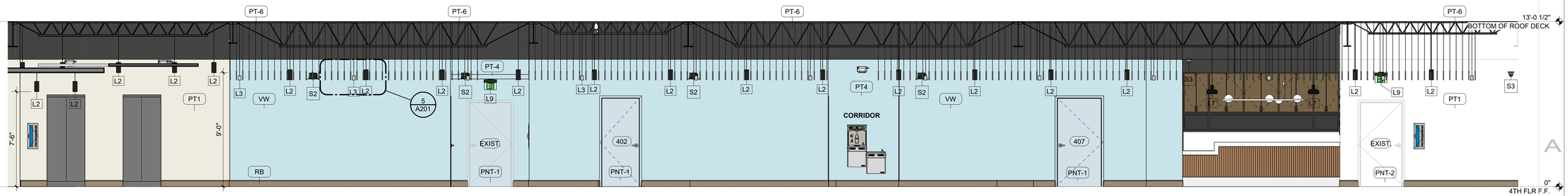
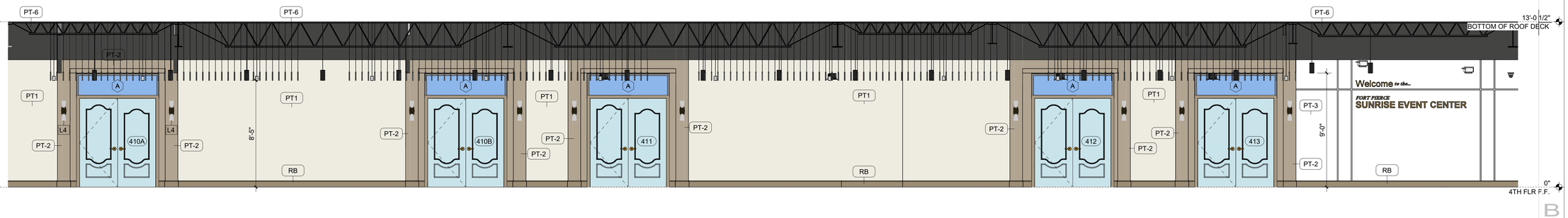
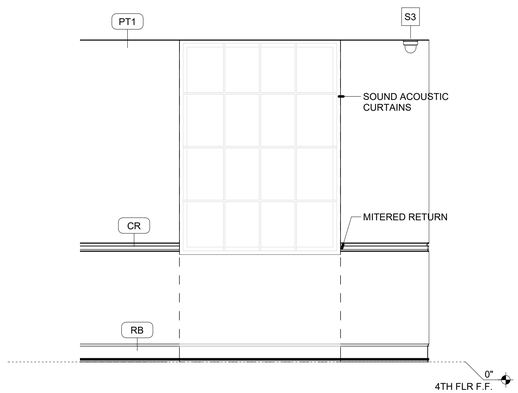


1 CORRIDOR ELEVATION A
SCALE: 1/4" = 1'-0"

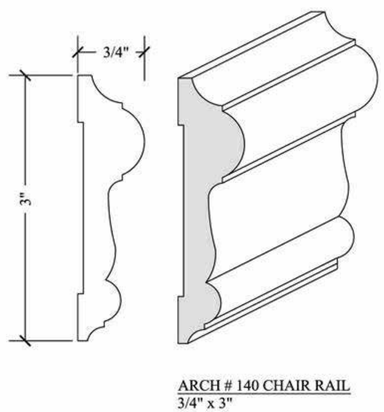


2 CORRIDOR ELEVATION B
SCALE: 1/4" = 1'-0"

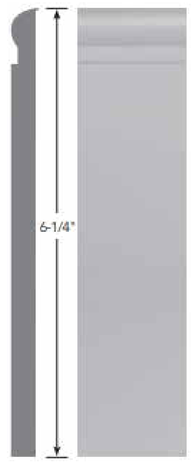
NOTES:
1. WAINSCOT HAND RAIL AROUND PERIMETER MEETING ROOM WALLS.
2. WHERE OPERABLE PARTITIONS EXTEND, WAINSCOT WILL BE MITERED.



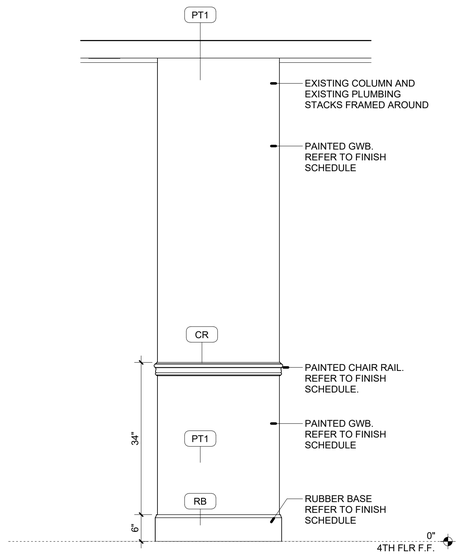
3 TYPICAL WALL ELEVATION @ MEETING ROOMS
SCALE: 1/2" = 1'-0"



4 CHAIR RAIL PROFILE DETAIL
SCALE: 12" = 1'-0"



5 RUBBER BASE PROFILE
SCALE: 12" = 1'-0"



6 MEETING ROOM COLUMN ELEVATION
SCALE: 3/4" = 1'-0"

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REVISIONS:

No.	Description	Date

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FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
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DWG IDENTIFICATION

INTERIOR ELEVATIONS/PLAN

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
Project Status	3-31-2026	/

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JOB FILE NUMBER:
25-124

ID100

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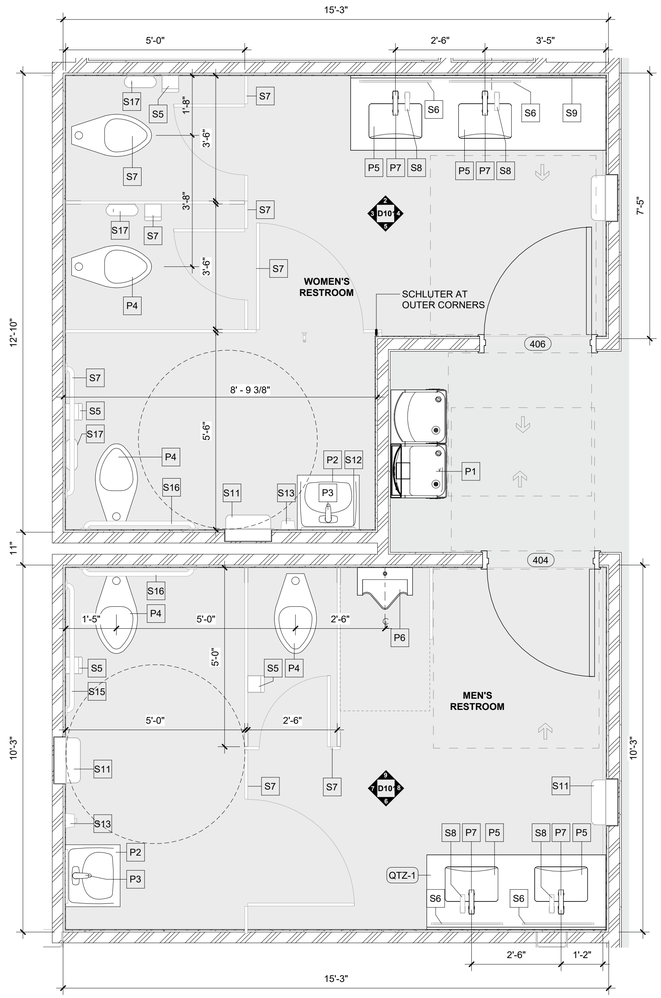
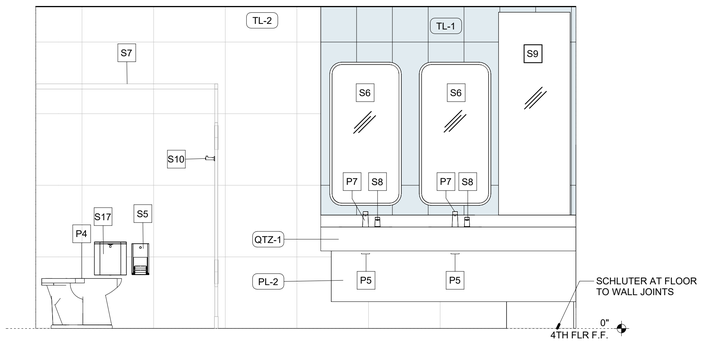
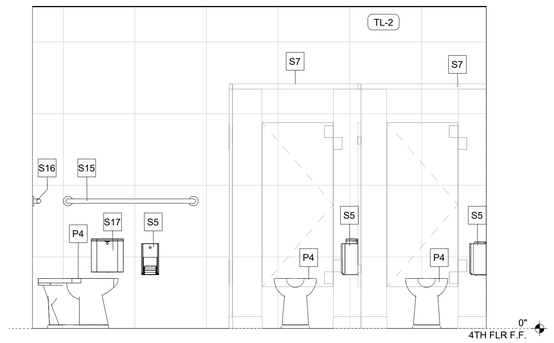


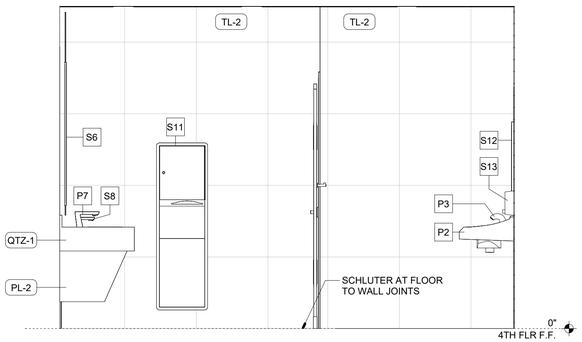
1 RESTROOMS - ENLARGED FLOOR PLAN
SCALE: 1/2" = 1'-0"



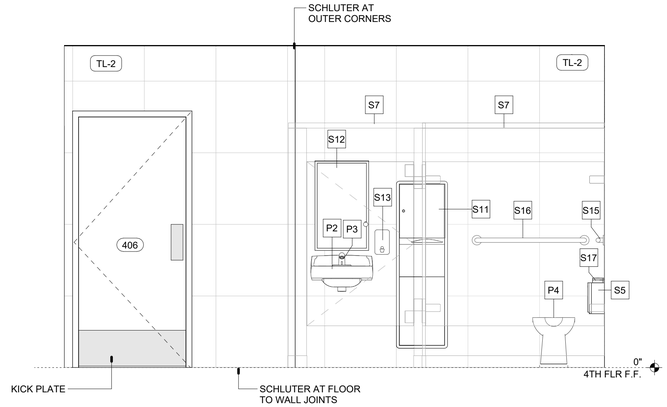
2 WOMEN'S RESTROOM - ELEVATION A
SCALE: 1/2" = 1'-0"



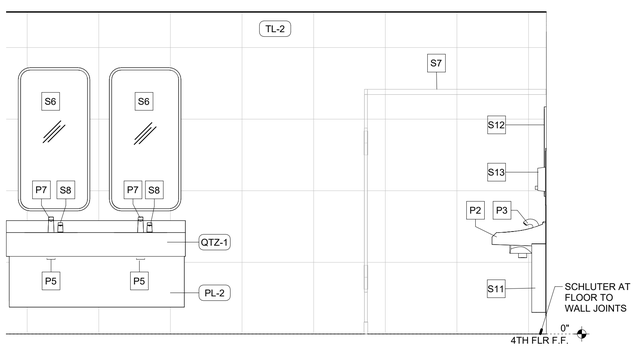
3 WOMEN'S RESTROOM - ELEVATION B
SCALE: 1/2" = 1'-0"



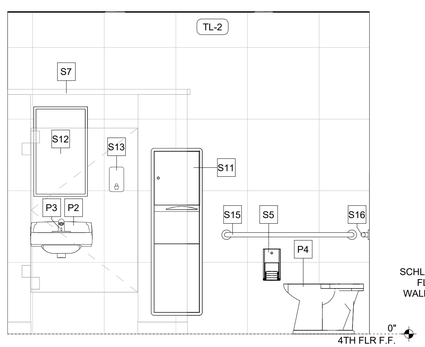
4 WOMEN'S RESTROOM - ELEVATION C
SCALE: 1/2" = 1'-0"



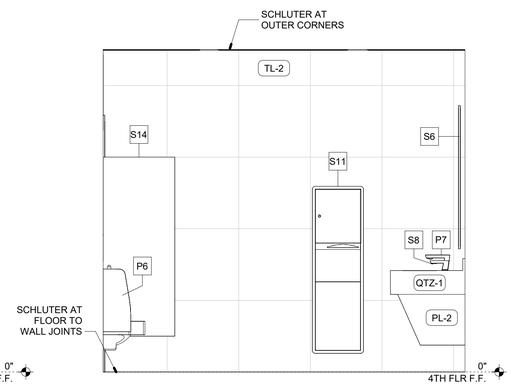
5 WOMEN'S RESTROOM - ELEVATION D
SCALE: 1/2" = 1'-0"



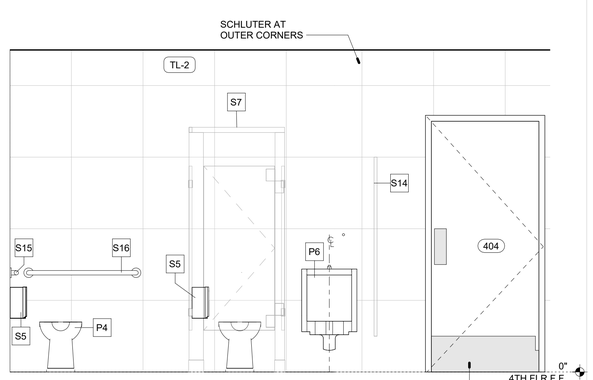
6 MEN'S RESTROOM - INT. ELEV.
SCALE: 1/2" = 1'-0"



7 MEN'S RESTROOM - INT. ELEV.
SCALE: 1/2" = 1'-0"



8 MEN'S RESTROOM - INT. ELEV.
SCALE: 1/2" = 1'-0"



9 MEN'S RESTROOM - INT. ELEV.
SCALE: 1/2" = 1'-0"

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REVISIONS:

No.	Description	Date

CONTRACT DOCUMENTS FOR:

SUNRISE EVENT CENTER

FORT PIERCE REDEVELOPMENT AGENCY

ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

INTERIOR RESTROOM ELEVATIONS

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
Project Status	3-31-2026	/

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JOB FILE NUMBER:
25-124

ID101

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NOTE: *THESE IMAGES ARE FOR CONCEPTUAL REFERENCE FOR DESIGN INTENT.

WALL WRAP MURAL NOTES

00. ALLOWANCE
GC TO PROVIDE AN ALLOWANCE OF $60,000 FOR THE DESIGN, FABRICATION, AND INSTALLATION OF THE MURAL WALL WRAP.

01. VENDOR / ARTWORK INSTALLER
DESIGN & DEVELOPMENT: PINPOINT PROMOTION
CONTACT: QUINCEY MORRIS
TELEPHONE: 913.617.3494
EMAIL: QMORRIS@EXPERIENCEPINPOINT.COM

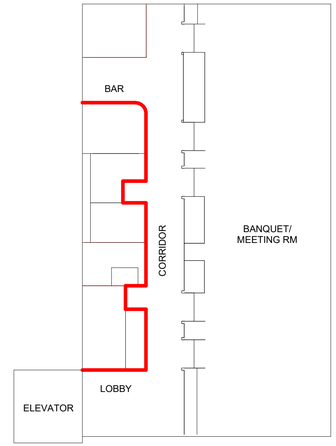
02. COORDINATION & REVIEW
• ARTIST TO REVIEW HISTORICAL PHOTOS AND INTERVIEW WITH ASSIGNED CITY STAFF ASSIGNED FOR SELECTION AND CITY OF FORT PIERCE HISTORICAL IMAGES AND NARRATIVES
• ARCHITECT TO REVIEW AND APPROVE FINAL IMAGE SELECTIONS PRIOR TO PRODUCTION

03. MATERIAL REQUIREMENTS
PROVIDE PREMIUM LARGE-FORMAT WALL GRAPHIC SYSTEM MEETING THE FOLLOWING:
• PREMIUM CAST VINYL WALL FILM (E.G., 3M IJ180 OR APPROVED EQUAL)
• SATIN PROTECTIVE OVERLAMINATE TO REDUCE GLARE AND PROVIDE UNIFORM FINISH
• HIGH-RESOLUTION DIGITAL PRINT, MINIMUM 100–150 DPI AT FULL SCALE

04. VISUAL QUALITY STANDARDS
• CONTINUOUS, COHESIVE GRAPHIC ACROSS ENTIRE WALL SURFACE
• SEAMS MINIMIZED AND STRATEGICALLY ALIGNED WITH ARTWORK; SEAMS TO BE VISUALLY INCONSPICUOUS AT 5' VIEWING DISTANCE
• CONSISTENT COLOR CALIBRATION AND TONAL MATCHING ACROSS ALL PANELS
• LEVEL 4 – PREMIUM ARCHITECTURAL GRAPHIC FINISH

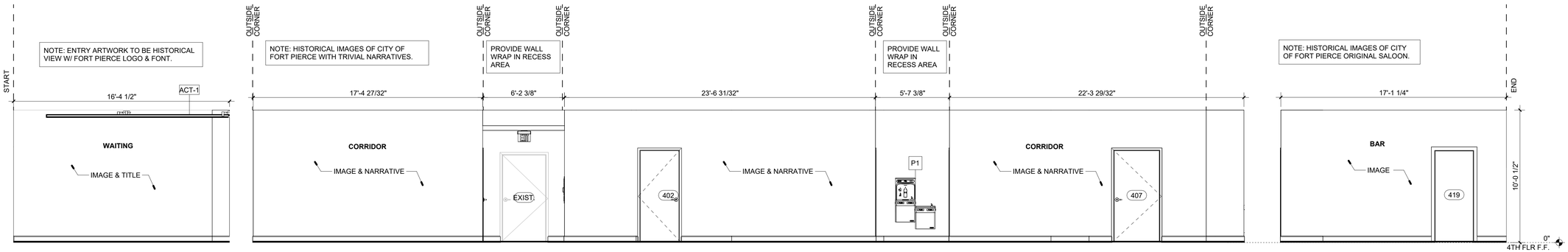
05. INSTALLATION STANDARDS
• INSTALLATION BY MANUFACTURER-CERTIFIED INSTALLERS
• PROVIDE SMOOTH, BUBBLE-FREE APPLICATION WITH NO WRINKLES, CREASES, OR EDGE LIFTING
• EXECUTE TIGHT, CLEAN TERMINATIONS AT ALL EDGES, CORNERS, AND PENETRATIONS
• MAINTAIN PRECISE PATTERN ALIGNMENT ACROSS ALL PANEL JOINTS

06. SUBSTRATE CONDITIONS
• WALL SURFACE TO BE LEVEL 4 DRYWALL FINISH OR BETTER
• SUBSTRATE SHALL BE SMOOTH, CLEAN, DRY, AND PROPERLY PRIMED IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS
• NOTIFY ARCHITECT OF ANY SURFACE CONDITIONS THAT MAY ADVERSELY AFFECT ADHESION PRIOR TO INSTALLATION



KEY FLOOR PLAN

INSTALLATION OF WALL WRAP



1 VINYL WALL WRAP - ELEVATION A
SCALE: 1/4" = 1'-0"

VINYL WALL WRAP - ELEVATION B

VINYL WALL WRAP - ELEVATION C

LOBBY

CORRIDOR

BAR

2 PRELIMINARY CONCEPTUAL MURAL
SCALE: NTS

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No.	Description	Date

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FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

WALL WRAP MURAL

PROJECT PHASE	DATE:	CHECKED / DRAWN BY
Project Status	3-31-2026	/

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JOB FILE NUMBER:
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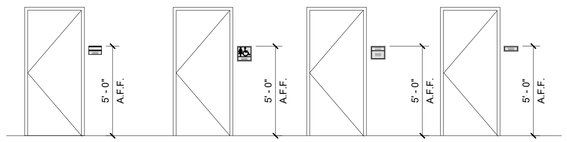
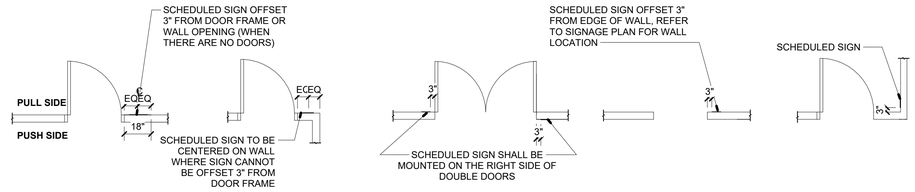


TYPICAL ADA OFFICE ROOM ID WITH PAPER INSERT | **ADA SIGN WITH PICTOGRAM** | **ROOM ID** | **ROOM ID SMALL**

1 TYPICAL SIGNAGE MOUNTING ELEVATIONS
SCALE: 1/4" = 1'-0"



2 TYPICAL SIGNAGE MOUNTING CONDITIONS
SCALE: 1/4" = 1'-0"

SIGNAGE NOTES

1. ALLOWANCE
ALLOWANCE FOR FINAL DESIGN, FABRICATION, AND INSTALLATION OF THE SIGNAGE PACKAGE SHALL BE: $20,000

2. SIGNAGE VENDOR
DESIGN AND INSTALLER: PINPOINT PROMOTION
CONTACT: QUINCEY MORRIS
TELEPHONE: 913.617.3494
EMAIL: QMORRIS@EXPERIENCEPINPOINT.COM

3. SHOP DRAWINGS
• COORDINATE FINAL SIGNAGE LAYOUT, CONTENT, AND MOUNTING CONDITIONS WITH ARCHITECT
• PROVIDE SHOP DRAWING AND MATERIAL SAMPLES FOR FINAL REVIEW AND APPROVAL BY ARCHITECT PRIOR TO FABRICATION

4. MATERIAL REQUIREMENTS
PROVIDE PREMIUM SIGNAGE SYSTEM MEETING THE FOLLOWING:
• DURABLE MATERIALS SUITABLE FOR INTERIOR APPLICATION
• ADA-COMPLIANT MATERIALS AND FINISHES WHERE APPLICABLE

5. INSTALLATION STANDARDS
• INSTALLATION BY QUALIFIED AND EXPERIENCED SIGNAGE INSTALLERS
• ALIGNMENT AND LEVEL INSTALLATION ACROSS ALL SIGN TYPES
• SECURE MOUNTING IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS
• COORDINATE INSTALLATION WITH OTHER TRADES TO AVOID CONFLICTS

6. SUBSTRATE CONDITIONS
• VERIFY WALL, CEILING, OR MOUNTING SURFACES ARE SUITABLE FOR SIGNAGE INSTALLATION
• SURFACES SHALL BE CLEAN, SMOOTH, AND PROPERLY PREPARED
• NOTIFY ARCHITECT OF ANY CONDITIONS THAT MAY IMPACT INSTALLATION PRIOR TO WORK

7. CODE & COMPLIANCE
• ALL SIGNAGE SHALL COMPLY WITH APPLICABLE BUILDING CODES AND ADA REQUIREMENTS
• PROVIDE REQUIRED EXIT, DIRECTIONAL, AND LIFE SAFETY SIGNAGE PER CODE
• CEILING MOUNTED TYPE SIGNAGE SHALL NOT OBSTRUCT EXITING DEVICES AND OTHER SAFETY ELEMENTS. COORDINATE WITH ARCHITECT FOR ANY NEW LOCATIONS.

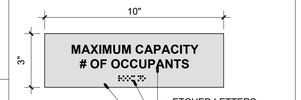
LIFE SAFETY SIGNS

DESCRIPTION
PROVIDE AS REQUIRED FOR LIFE SAFETY PLAN

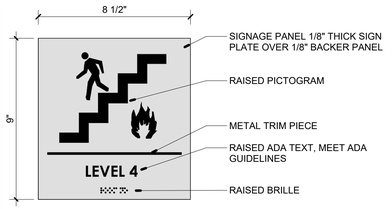
MOUNTING HEIGHT
60" A.F.F. UNLESS NOTED OVERWISE.

LOCATIONS
PROVIDE FOR EACH ASSEMBLY MEETING/BANQUET ROOM

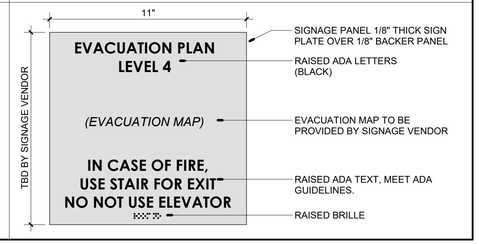
MAXIMUM CAPACITY



STAIR SIGNAGE



ELEVATOR / EVACUATION SIGNAGE



RESTROOMS

DESCRIPTION
TOILET ROOM ADA ACCESSIBILITY SIGN, PROVIDE ONE (1) SIGN AT ENTRY DOOR/WALL TO EACH RESTROOM MEETING ADA CRITERIA.

MOUNTING HEIGHT
60" AFF

LOCATION
PROVIDE FOR RESTROOMS

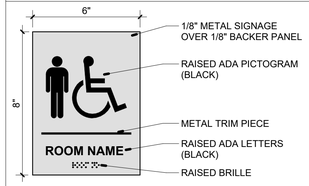
CONTRAST TO BE MINIMUM 70% BETWEEN BACKGROUND AND TEXT. FINISH TO BE MATTE, EGGSHELL, OR NON GLARE.

SYMBOL RAISED TACTILE 1/32"

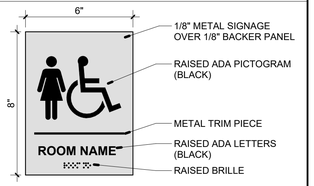
TEXT COPY 5/8" HIGH, UPPER CASE, HELVETICA, MEDIUM, APPLIED 1/32". TEXT TO BE CENTERED IN AREA BELOW GRAPHIC LINE AND UNDER SYMBOL.

GRADE 2 BRAILLE, JUSTIFIED TO COPY, BELOW AVERAGE.

MENS RESTROOM



WOMENS & GIRLS RESTROOM



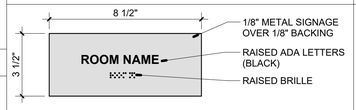
ROOM SIGNS

DESCRIPTION
SPACE IDENTIFICATION SIGN PROVIDE ONE (1) SIGN AT EACH ENTRY DOOR OR ADJACENT WALL LEADING INTO EACH SPACE.

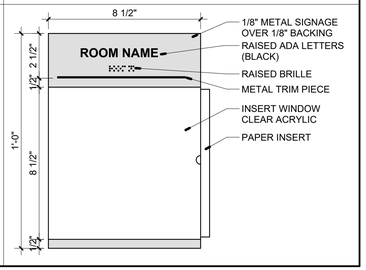
MOUNTING HEIGHT
60" A.F.F. ON THE OUTSIDE OF ROOM AT LOCKSET SIDE OF DOOR JAMB.

LOCATION
PROVIDE FOR EACH ROOM

STANDARD ROOM NAME



BANQUET /MEETING ROOM W/ TAB



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REVISIONS:

No.	Description	Date

CONTRACT DOCUMENTS FOR:
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FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
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SIGNAGE DETAILS

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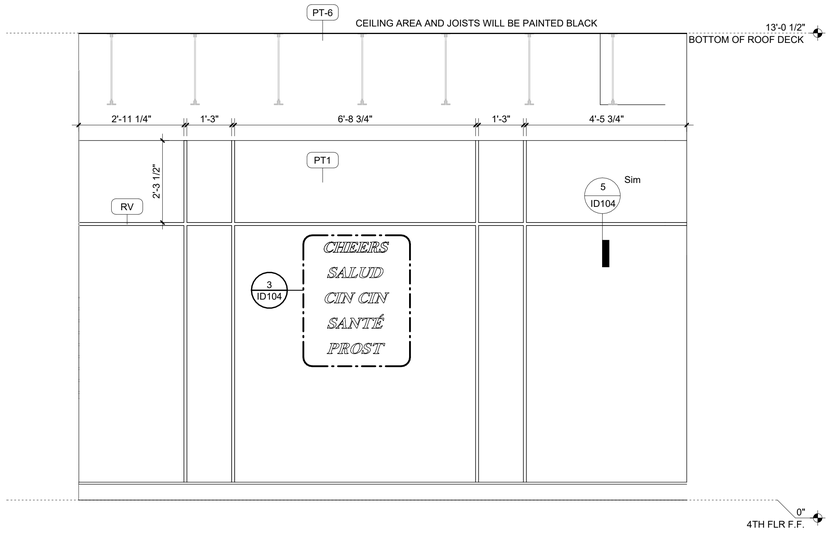
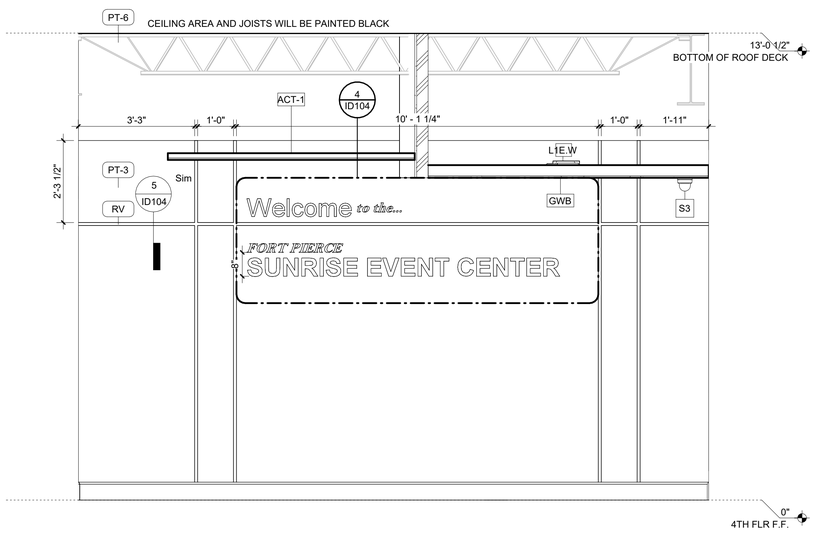
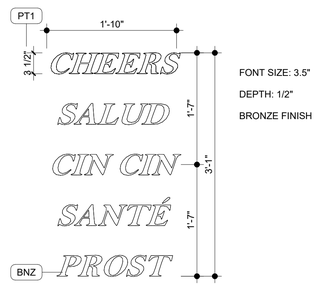


1 BAR ELEVATION
SCALE: 1/2" = 1'-0"



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



FONT SIZE: 3.5"

DEPTH: 1/2"

BRONZE FINISH

3 SIGNAGE AT BAR
SCALE: 1" = 1'-0"

FONT: ARIAL
FONT SIZE: 6"

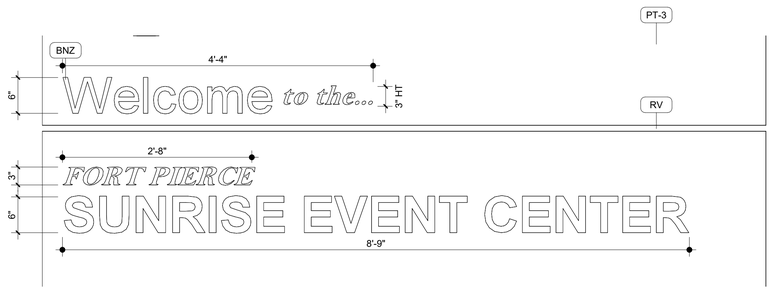
DEPTH: 1"

BRONZE FINISH

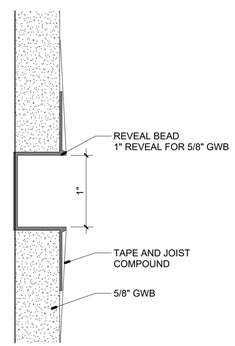
FONT: ARIAL (ITALICS)
FONT SIZE: 3"

DEPTH: 1"

BRONZE FINISH



4 SIGNAGE AT LOBBY
SCALE: 1" = 1'-0"



5 ARCHITECTURAL REVEAL TRIM
SCALE: 12" = 1'-0"

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No.	Description	Date

CONTRACT DOCUMENTS FOR:

SUNRISE EVENT CENTER

FORT PIERCE REDEVELOPMENT AGENCY

ADDRESS:
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DWG IDENTIFICATION

SIGNAGE DETAILS

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Project Status	3-31-2026	/

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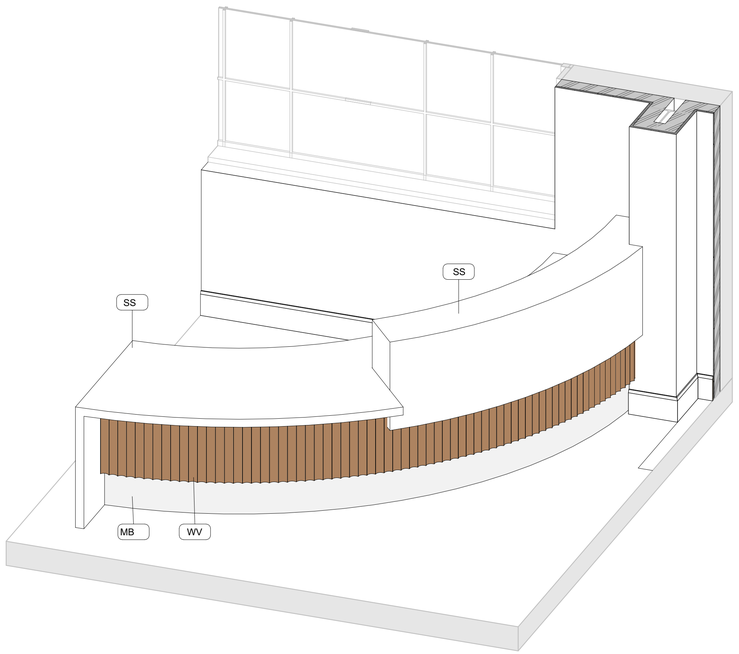
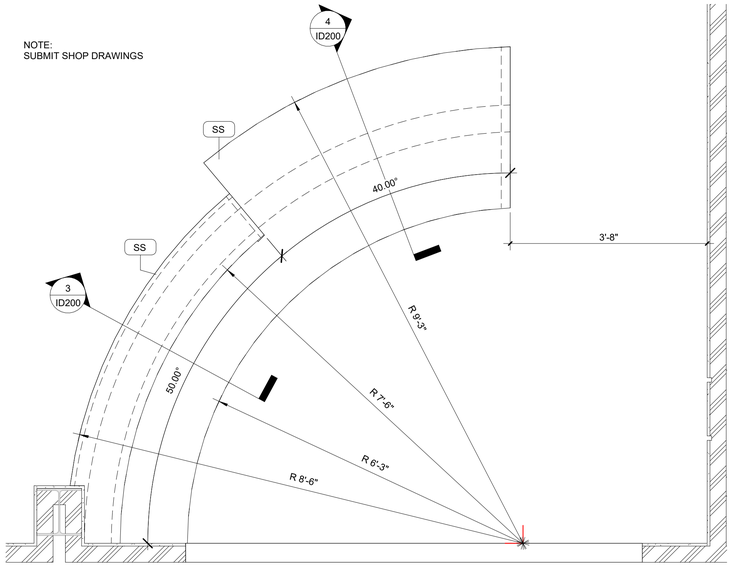


1 RECEPTION DESK - 3D VIEW
SCALE:



2 RECEPTION DESK - MILLWORK PLAN
SCALE: 3/4" = 1'-0"

MILLWORKS NOTES

00. VENDOR / ARTWORK INSTALLER
VENDOR: DESIGN LAB DBDA
MANUFACTURER: RIVA 1920
CONTACT: FRANCESCO CARBONA
TELEPHONE: 561.388.7777
EMAIL: PM@DBDA.DESIGN

02. COORDINATION & REVIEW
- GENERAL CONTRACTOR (GC) TO COORDINATE ALL MILLWORK WITH ARCHITECTURAL, STRUCTURAL, MEP, AND FIELD CONDITIONS.
- SUBMIT DETAILED SHOP DRAWINGS FOR ARCHITECT'S REVIEW AND APPROVAL PRIOR TO FABRICATION.
- SHOP DRAWINGS SHALL INCLUDE PLANS, ELEVATIONS, SECTIONS, DIMENSIONS, MATERIALS, FINISHES, HARDWARE, AND ATTACHMENT METHODS.
- VERIFY ALL FIELD DIMENSIONS PRIOR TO FABRICATION. DO NOT SCALE DRAWINGS.
- COORDINATE ALL BLOCKING, BACKING, AND SUPPORT REQUIRED FOR MILLWORK INSTALLATION.

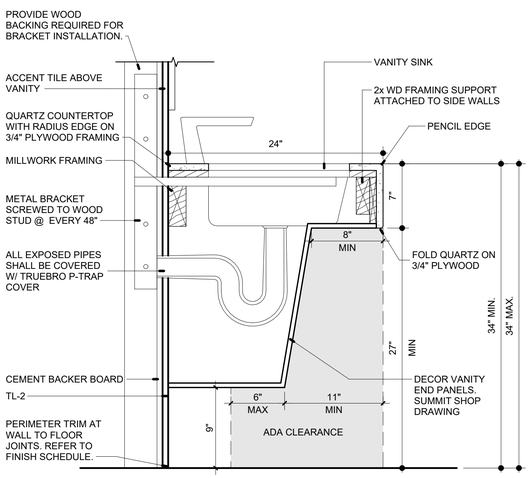
03. MATERIAL REQUIREMENTS
PROVIDE MATERIALS AS INDICATED ON DRAWINGS AND AS FOLLOWS:
- WOOD VENEER PANELS – PROVIDE WOOD VENEER FINISH AT DESIGNATED LOCATIONS WITH SCALLOPED (FLUTED) PROFILE. PROFILE TO BE CONTINUOUS AND UNIFORM ACROSS PANELS.
- VENEER SPECIES, CUT, AND STAIN COLOR TO BE SELECTED/APPROVED BY ARCHITECT.
- PROVIDE FACTORY-FINISHED PANELS WITH CONSISTENT GRAIN DIRECTION AND COLOR MATCHING ACROSS ADJACENT SURFACES.
- COORDINATE SUBSTRATE AND FABRICATION METHOD TO ACHIEVE CLEAN, REPEATABLE PROFILE WITH NO VISIBLE DEFECTS OR IRREGULARITIES.
- SEAM LOCATIONS TO ALIGN WITH PANEL LAYOUT; JOINTS TO BE TIGHT AND VISUALLY INCONSPICUOUS.

04. VISUAL QUALITY STANDARDS
- FABRICATE MILLWORK TO AWI (ARCHITECTURAL WOODWORK INSTITUTE) QUALITY STANDARDS – CUSTOM GRADE, UNLESS NOTED OTHERWISE.
- ALL COMPONENTS SHALL BE SQUARE, PLUMB, AND TRUE WITH TIGHT-FITTING JOINTS.
- EXPOSED SURFACES SHALL BE FREE OF DEFECTS, WARPING, OIL-CANNING, OR TELEGRAPHING.
- PROVIDE CONSISTENT GRAIN DIRECTION AND FINISH ALIGNMENT AT ADJACENT COMPONENTS.
- JOINTS AND SEAMS TO BE TIGHT AND INCONSPICUOUS.
- PROVIDE SOFT-CLOSE HARDWARE AT DOORS AND DRAWERS WHERE APPLICABLE.

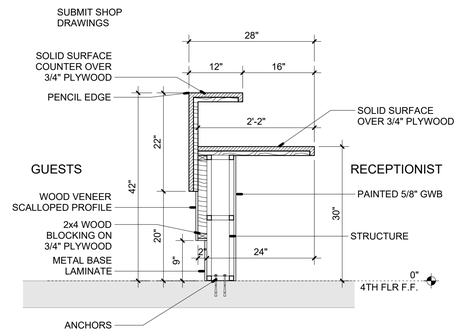
05. INSTALLATION STANDARDS
- INSTALL MILLWORK LEVEL, PLUMB, AND SECURELY ANCHORED TO SUBSTRATE.
- SCRIBE MILLWORK TO ADJACENT SURFACES FOR TIGHT FIT; NO VISIBLE GAPS.
- PROVIDE CLEAN, TIGHT JOINTS AT ALL INTERSECTIONS.
- PROTECT FINISHED SURFACES FROM DAMAGE DURING INSTALLATION.
- ADJUST DOORS, DRAWERS, AND HARDWARE FOR PROPER ALIGNMENT AND OPERATION.

06. SUBSTRATE CONDITIONS
- VERIFY ALL SUBSTRATE CONDITIONS PRIOR TO INSTALLATION.
- SUBSTRATES SHALL BE SMOOTH, LEVEL, AND CAPABLE OF SUPPORTING MILLWORK LOADS.
- NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.

07. FINISHES & PROTECTION
- ALL FINISHES TO BE CONSISTENT ACROSS ASSEMBLIES WITH NO VISIBLE VARIATION BEYOND APPROVED SAMPLES.
- PROTECT MILLWORK FROM MOISTURE, DAMAGE, AND CONSTRUCTION DEBRIS.
- CLEAN ALL SURFACES UPON COMPLETION AND PRIOR TO SUBSTANTIAL COMPLETION.



5 VANITY COUNTERTOP DETAIL
SCALE: 1 1/2" = 1'-0"



3 ADA RECEPTION DESK - SECTION
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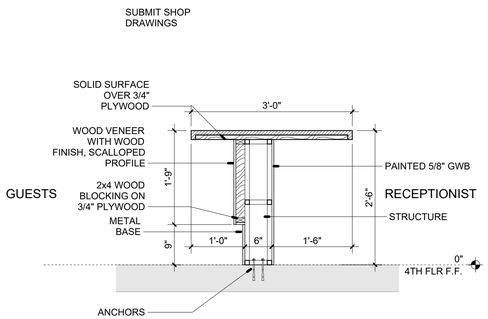

4 ADA RECEPTION DESK - SECTION
SCALE: 3/4" = 1'-0"

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FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

MILLWORK DETAILS

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
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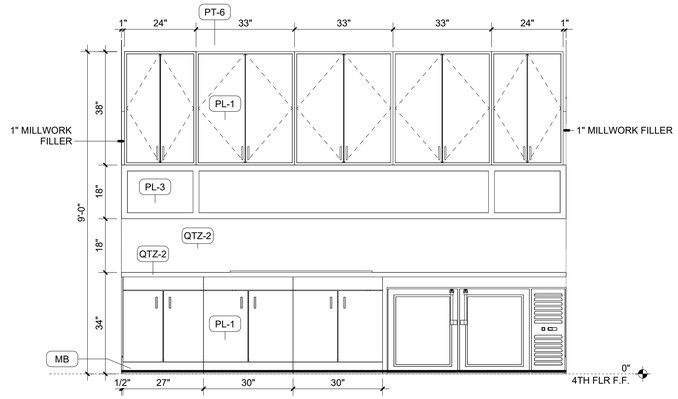
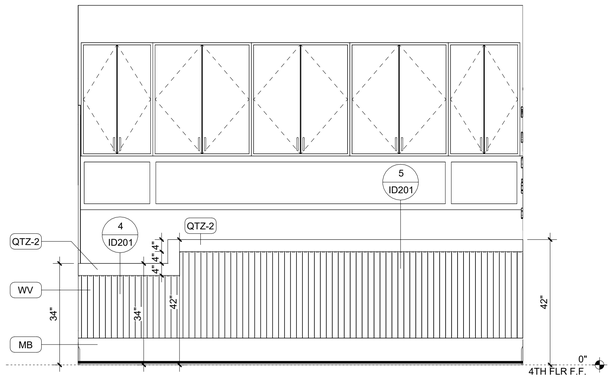
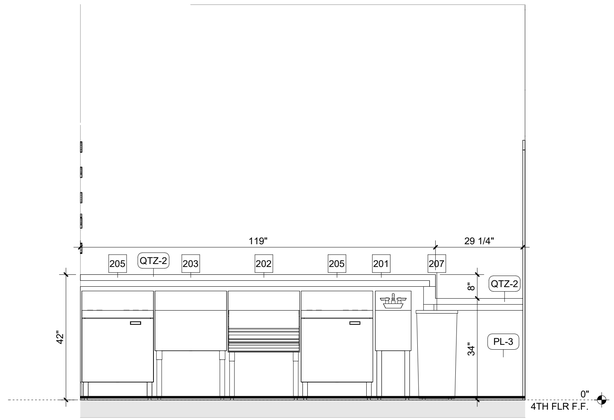


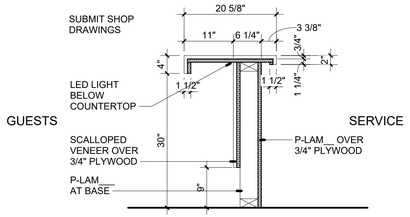
1 BAR - MILLWORK ELEVATION A
SCALE: 1/2" = 1'-0"



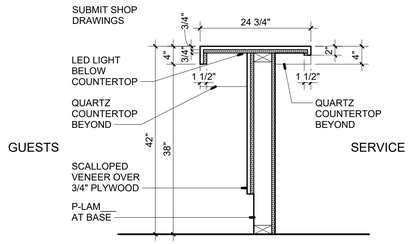
2 BAR SERVICE COUNTER - MILLWORK ELEV. A
SCALE: 1/2" = 1'-0"



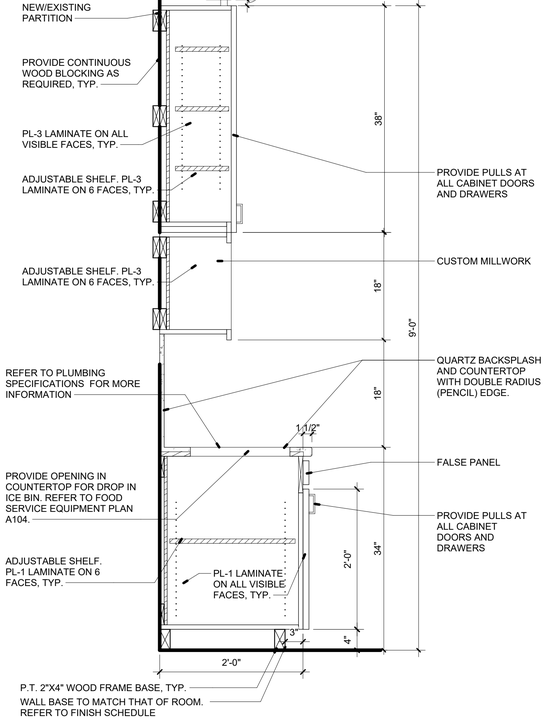
3 BAR SERVICE COUNTER - MILLWORK ELEVATION B
SCALE: 1/2" = 1'-0"



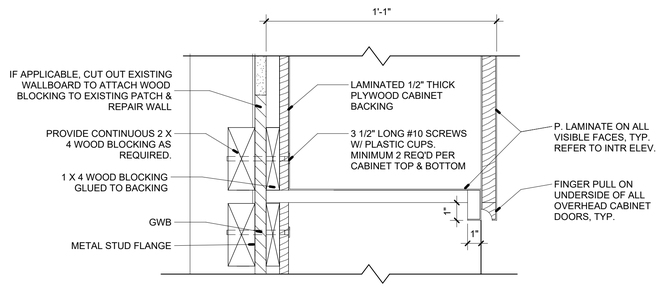
4 BAR MILLWORK - B
SCALE: 3/4" = 1'-0"



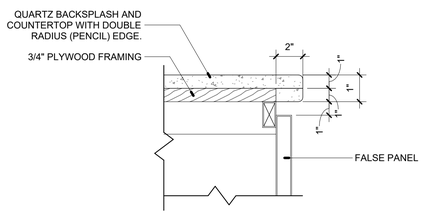
5 BAR MILLWORK - A
SCALE: 3/4" = 1'-0"



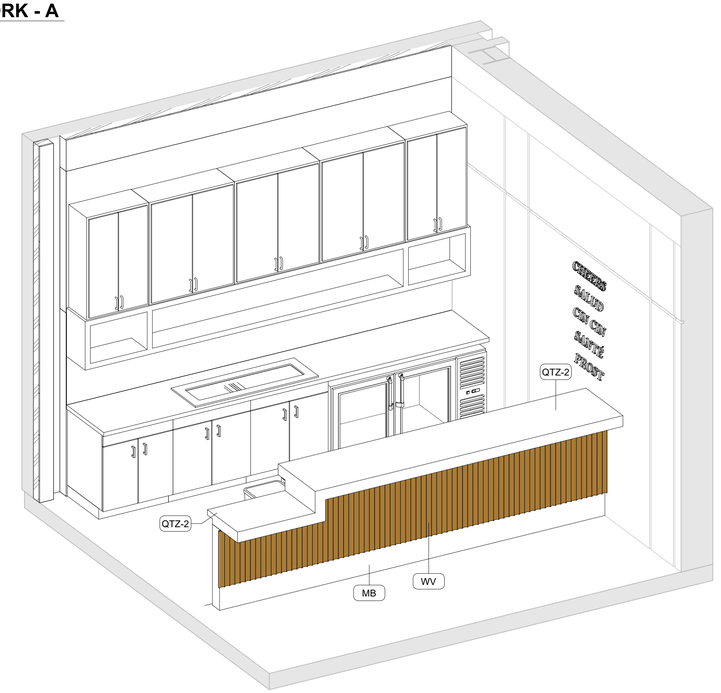
6 TYPICAL MILLWORK SECTION
SCALE: 1" = 1'-0"



7 OVERHEAD CABINET UNDERSIDE DETAIL
SCALE: 3" = 1'-0"



8 TYPICAL PULL/ COUNTER EDGE DETAIL
SCALE: 3" = 1'-0"



9 BAR SERVICE COUNTER - 3D VIEW
SCALE:

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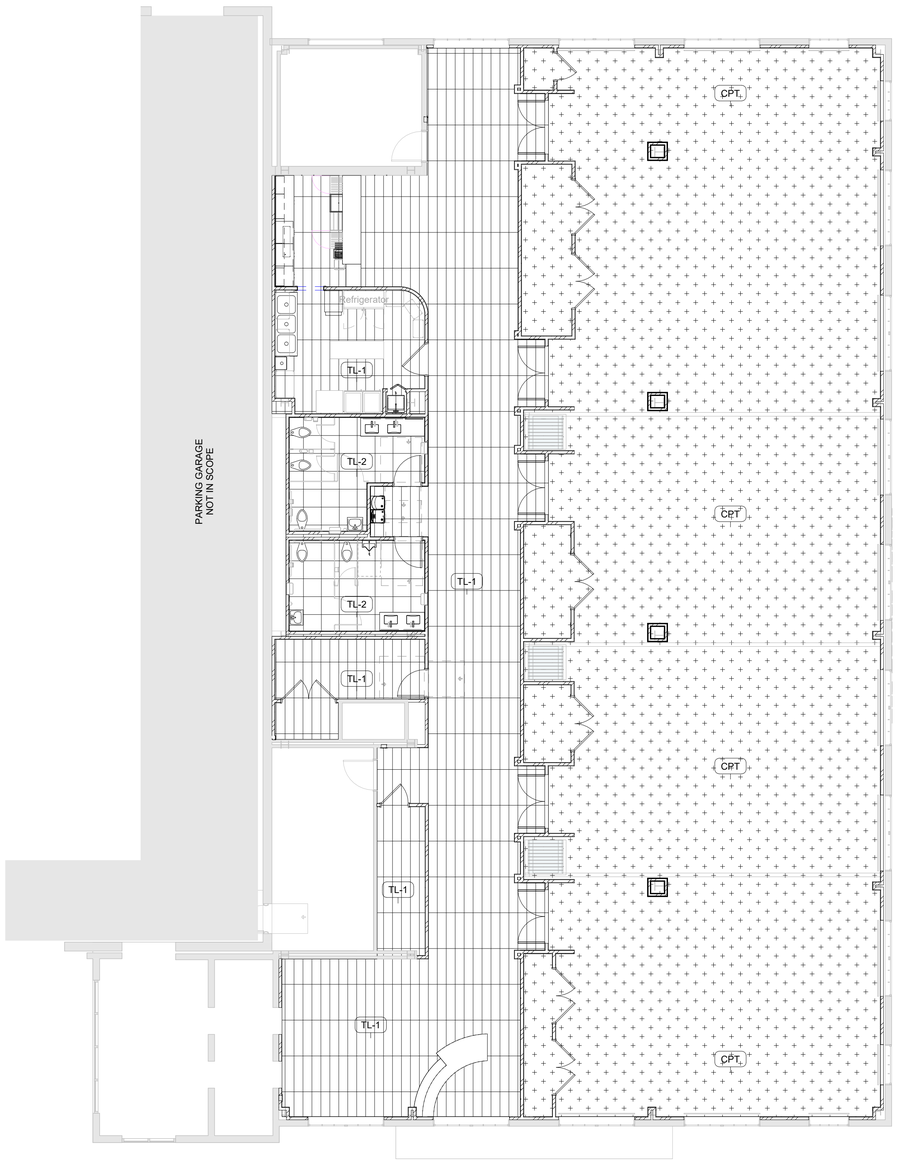

1 4TH FLOOR FINISH FLOOR PLAN
SCALE: 1/8" = 1'-0"

CEILING FINISHES

MARK	DESCRIPTION	CONTACTS
ACT-1	**PERFORATED WOOD CEILING PANEL** **LOCATION:** MEETING ROOM DOORS / DOORS @ VINYL WALL WRAP WALL **MANUFACTURER:** ARMSTRONG **COLLECTION:** WOODWORKS VECTOR **COLOR:** PLAIN SLICE WALNUT (NWM) **PERFORATION:** P2 MICROPERFORATED **SIZE:** 2' x 4'	JENNIFER A. KELLY (954) 661-8624 JAKELLY@ARMSTRONG.COM
ACT-2	**ACOUSTICAL CEILING TILE** **LOCATION:** GENERAL **MANUFACTURER:** ARMSTRONG **COLLECTION:** BEVELED TEGULAR **COLOR:** WHITE **SIZE:** 2' x 2'	
GWB	**PAINTED GYPSUM WALLBOARD CEILING** **LOCATION:** RESTROOMS, WARMING KITCHEN, SOFFITS **MANUFACTURER:** SHERWIN WILLIAMS **FINISH SHEEN:** FLAT **COLOR:** HIGH REFLECTIVE WHITE SW 7757 **PRIMER:** PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER **1ST & 2ND COAT:** PROMAR 200 ZERO VOC INTERIOR LATEX FLAT	SHERWIN WILLIAMS SCOTT OSTER (772) 232-1680 SCOTT.OSTER@SHERWIN.COM

INTERIOR WALL FINISHES

TAG	DESCRIPTION	CONTACTS
PT-1	**PAINT** **LOCATION:** GENERAL, MEETING ROOMS **MANUFACTURER:** SHERWIN WILLIAMS **FINISH SHEEN:** TBS BY ARCHITECT **COLOR:** OFF-WHITE, TBS BY ARCHITECT **PRIMER:** PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER **1ST & 2ND COAT:** PROMAR 200 ZERO VOC INTERIOR LATEX FLAT	SHERWIN WILLIAMS SCOTT OSTER (772) 232-1680 SCOTT.OSTER@SHERWIN.COM
PT-2	**PAINT** **LOCATION:** MEETING ROOM VESTIBULE **MANUFACTURER:** SHERWIN WILLIAMS **FINISH SHEEN:** TBS BY ARCHITECT **COLOR:** DARK TAUPE, TBS BY ARCHITECT **PRIMER:** PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER **1ST & 2ND COAT:** PROMAR 200 ZERO VOC INTERIOR LATEX FLAT	
PT-3	**PAINT** **LOCATION: MANUFACTURER:** SHERWIN WILLIAMS **FINISH SHEEN:** TBS BY ARCHITECT **COLOR:** OFF-WHITE, TBS BY ARCHITECT **PRIMER:** PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER **1ST & 2ND COAT:** PROMAR 200 ZERO VOC INTERIOR LATEX FLAT	
PT-4	**PAINT** **LOCATION:** CORRIDOR **MANUFACTURER:** SHERWIN WILLIAMS **FINISH SHEEN:** TBS BY ARCHITECT **COLOR:** LIGHT TEAL BLUE, TBS BY ARCHITECT **PRIMER:** PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER **1ST & 2ND COAT:** PROMAR 200 ZERO VOC INTERIOR LATEX FLAT	
PT-5	**PAINT** **LOCATION:** CEILING **MANUFACTURER:** SHERWIN WILLIAMS **FINISH SHEEN:** TBS BY ARCHITECT **COLOR:** WHITE, TBS BY ARCHITECT **PRIMER:** PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER **1ST & 2ND COAT:** PROMAR 200 ZERO VOC INTERIOR LATEX FLAT	
PT-6	**PAINT** **LOCATION:** EXPOSED CEILING **MANUFACTURER:** SHERWIN WILLIAMS **FINISH SHEEN:** TBS BY ARCHITECT **COLOR:** BLACK, TBS BY ARCHITECT **PRIMER:** PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER **1ST & 2ND COAT:** PROMAR 200 ZERO VOC INTERIOR LATEX FLAT	
TL-1	**PORCELAIN TILE** **LOCATION:** RESTROOM ACCENT WALL **MANUFACTURER:** LEA **COLLECTION:** BIO ATTITUDE **SIZE:** 12"x48" **COLOR:** ALMOND **GROUT:** MAPEI GROUT COLLECTION 5039 IVORY	DESIGN LAB DBDA FRANCESCO CARBONE (561) 388-7777 PM@DBDA.DESIGN
TL-2	**PORCELAIN TILE** **LOCATION:** RESTROOM WALLS **MANUFACTURER:** LEA **COLLECTION:** WATERFALL **SIZE:** 24" x 24" **COLOR:** IVORY FLOW NAT **GROUT:** MAPEI GROUT COLLECTION 5077 FROST	
FRP	**FIBERGLASS REINFORCED PANEL** **LOCATION:** WARMING KITCHEN WALLS **MANUFACTURER:** MARLITE **HEIGHT:** 9'-0" **COLOR:** WHITE, TBS BY ARCHITECT	

MILLWORK FINISHES

MARK	DESCRIPTION	CONTACTS
QTZ	**QUARTZ** **LOCATION:** RESTROOM & BAR COUNTERTOPS **MANUFACTURER:** RIVA 1920 **COLOR:** TBS BY ARCHITECT	DESIGN LAB DBDA FRANCESCO CARBONE (561) 388-7777 PM@DBDA.DESIGN
SS	**SOLID SURFACE** **LOCATION:** RECEPTION DESK **MANUFACTURER:** RIVA 1920 **COLOR:** TBS BY ARCHITECT	
WV	**WOOD VENEER** **LOCATION:** BAR **MANUFACTURER:** RIVA 1920 **COLOR:** TBS BY ARCHITECT	
PL-1	**PLASTIC LAMINATE (MILLWORK)** **LOCATION:** MILLWORK CABINETRY **MANUFACTURER:** ELLI **COLOR:** TBS BY ARCHITECT **FINISH:** TBS BY ARCHITECT	
PL-2	**PLASTIC LAMINATE (MILLWORK)** **LOCATION:** MILLWORK CABINETRY (SHELVES) **MANUFACTURER:** ELLI **COLOR:** TBS BY ARCHITECT **FINISH:** TBS BY ARCHITECT	
PL-3	**PLASTIC LAMINATE (MILLWORK)** **LOCATION:** RESTROOM **MANUFACTURER:** ELLI **COLOR:** TBS BY ARCHITECT **FINISH:** TBS BY ARCHITECT	

FLOOR FINISHES

MARK	DESCRIPTION	CONTACTS
TL-1	**PORCELAIN TILE** **LOCATION:** GENERAL, CORRIDOR **MANUFACTURER:** LEA **COLLECTION:** BIO ATTITUDE **COLOR:** ALMOND **GROUT JOINT:** 1/16" MAPEI, KERAPOXY CQ **GROUT COLOR:** MAPEI GROUT COLLECTION 5039 IVORY	DESIGN LAB DBDA FRANCESCO CARBONE (561) 388-7777 PM@DBDA.DESIGN
TL-2	**PORCELAIN TILE** **LOCATION:** FLOORS **MANUFACTURER:** LEA **COLLECTION:** WATERFALL **SIZE:** 24" X 24" **COLOR:** IVORY FLOW **FINISH:** NAT **GROUT JOINT:** 1/16" MAPEI, KERAPOXY CQ **GROUT COLOR:** MAPEI GROUT COLLECTION 5077 FROST	
CRPT	**CARPET** **LOCATION:** MEETING ROOMS **MANUFACTURER:** INTERFACE **COLLECTION:** DECKLED **COLOR:** BONE 108362 **PATTERN:** ASHLAR	INTERFACE WILLIAM SANCHEZ (561) 797-7631 WILLIAM.SANCHEZ@INTERFACE.COM

NOTE: PROVIDE SOUND ATTENUATION UNDERLAYMENT BENEATH ALL CARPET AND TILE FLOORING. INSTALL MAPESONIC 2 IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

DOOR FINISHES

MARK	DESCRIPTION
PNT-1	**PAINT** **LOCATION:** MEETING ROOM DOORS / DOORS @ VINYL WALL WRAP WALL **MANUFACTURER:** SHERWIN WILLIAMS **FINISH SHEEN:** TBD **COLOR:** LIGHT TEAL BLUE, TBS BY ARCHITECT **FRAME:** MATCH PAINT **PRIMER:** PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER B-66-1300 SERIES **1ST & 2ND COAT:** PRO INDUSTRIAL PRE-CATALYZED WATERBASED K46-1150 SERIES
PNT-2	**PAINT** **LOCATION:** STORAGE ROOM & CORRIDOR **MANUFACTURER:** SHERWIN WILLIAMS **FINISH SHEEN:** TBS BY ARCHITECT **COLOR:** OFF-WHITE, TBS BY ARCHITECT **FRAME:** MATCH PAINT **PRIMER:** PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER B-66-1300 SERIES **1ST & 2ND COAT:** PRO INDUSTRIAL PRE-CATALYZED WATERBASED K46-1150 SERIES
PNT-3	**PAINT** **LOCATION:** MEETING ROOM DOOR FRAME **MANUFACTURER:** SHERWIN WILLIAMS **FINISH SHEEN:** TBS BY ARCHITECT **COLOR:** DARK TAUPE, TBS BY ARCHITECT **PRIMER:** PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER B-66-1300 SERIES **1ST & 2ND COAT:** PRO INDUSTRIAL PRE-CATALYZED WATERBASED K46-1150 SERIES

WALL DETAIL FINISHES

MARK	DESCRIPTION
RV	**REVEAL** **LOCATION:** BAR & LOBBY **COLOR:** ALUMINUM BRUSH FINISH **SIZE:** 1" (RECESSED 5/8")
CR	**CHAIR RAIL** **LOCATION:** MEETING ROOMS & COLUMNS **COLOR:** TBS BY ARCHITECT **PROFILE:** REFER TO DETAIL 4/ID100
MB	**METAL BASE LAMINATE** **LOCATION:** MILLWORK BASE **MANUFACTURER:** WILSONART **COLOR:** RIBBONED SATIN BRUSHED L6445-00-408 **SIZE:** 9" HT
RB	**RUBBER BASE** **LOCATION:** GENERAL **MANUFACTURER:** JOHNSONITE **COLOR:** TBS BY ARCHITECT **SIZE:** 6 1/4" **PROFILE:** REFER TO DETAIL 5/ID100

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FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

FINISH FLOOR PLAN

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
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PLUMBING ABBREVIATIONS AND SYMBOLS LEGEND

ABS	ACRYLONITRILEBUTADIENESTYRENE
A/E	ARCHITECT/ENGINEER
AFF	ABOVEFINISHFLOOR
ASPE	AMERICANSOCIETYOFPLUMBINGENGINEERS
BACNET	BUILDINGAUTOMATIONANDCONTROLNETWORK
BAS	BUILDINGAUTOMATIONSYSTEM
BHP	BRAKEHORSEPOWER
CV	CONTROLVALVE
CXA	COMMISSIONINGAGENT
DDC	DIRECTDIGITALCONTROL
DFU	DRAINAGEFIXTUREUNITS
DI	DEIONIZEDWATER
DW	DISHWASHER
DWG	DRAWING
DWV	DRAINAGE,WASTEANDVENT
EL	ELEVATION
F	FAHRENHEIT
FCO	FLOORCLEANOUT
FD	FLOORDRAIN
FU	FIXTUREUNITS
GAL	GALLON
GPM	GALLONSPERMINUTE
GPR	GASPRESSUREREGULATOR
GRS	GASREGULATORSTATION
GT	GREASETRAP
H&CW	HOTANDCOLDWATER
HB	HOSEBIBB
HD	HUBDRAIN
HP	HORSEPOWER
HZ	HERTZ
INV	INVERT
IPC	INTERNATIONALPLUMBINGCODE
KW	KILOWATT
LAV	LAVATORY
LB	POUND
M	METER
MFG	MANUFACTURER
MIN	MINIMUM
NC	NORMALLYCLOSED
NG	NATURALGAS
NO	NORMALLYOPEN
NTS	NOTTOSCALE
PA	PASCAL
PG	PRESSUREGAUGE
PPM	PARTSPERMILLION
PRV	PRESSUREREDUCINGVALVE
PSI	POUNDSPERSQUAREINCH
PVC	POLYVINYLCHLORIDE
RD	ROOFDRAIN
RO	REVERSEOSMOSIS
RPM	REVOLUTIONSPERMINUTE
SAN	SANITARYSEWER
SQFT	SQUAREFEET
SS	STAINLESSSTEEL
SW	STORMWATER
TD	TRENCHDRAIN
TYP	TYPICAL
V	VOLT
VAC	VACUUM
VTR	VENTTHROUGHROOF
W	WASTE
WC	WATERCLOSET
WH	WALLHYDRANT
WSFU	WATERSUPPLYFIXTUREUNITS

- DIRECTION OF PIPE PITCH (DOWN)
- DIRECTION OF FLOW
- ANCHOR
- REDUCER OR INCREASER
- ECCENTRIC REDUCER
- TOP CONNECTION, 45° OR 90°
- BOTTOM CONNECTION, 45° OR 90°
- SIDE CONNECTION
- CAPPED OUTLET
- RISE OR DROP IN PIPE
- UNION
- PIPE UP
- PIPE DOWN
- POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
- LIMIT OF DEMOLITION
- INVERTED BUCKET TRAP SET INCLUDING PIPING ACCESSORIES
- FLOAT & THERMOSTATIC TRAP SET INCLUDING PIPING ACCESSORIES
- STRAINER
- THERMOMETER
- PRESSURE GAGE
- FLOW ELEMENT
- GATE VALVE
- GLOBE VALVE
- GATE VALVE WITH 3/4 " HOSE ADAPTER
- CHECK VALVE
- ANGLE GLOBE VALVE
- BUTTERFLY VALVE
- BALL VALVE
- MODULATING CONTROL VALVE
- TWO POSITION CONTROL VALVE
- THREE-WAY MODULATING CONTROL VALVE

- THREE-WAY TWO POSITION CONTROL VALVE
- PRESSURE REGULATING VALVE
- AUTOMATIC FLOW CONTROL VALVE
- PRESSURE RELIEF VALVE
- MANUAL AIR VENT
- TEST PLUG (PRESSURE/TEMPERATURE)
- AUTOMATIC AIR VENT (AV)
- TRAP
- TWO-WAY CLEANOUT - OUTDOOR (ECO)
- CLEANOUT/WALL CLEANOUT (CO/WCO)
- FLOOR CLEANOUT (FCO)
- WATER HAMMER ARRESTOR
- HOSE BIB/WALL HYDRANT
- FULL PORT BALL VALVE
- AUTOMATIC BALANCING CONTROL VALVE
- DRAIN VALVE
- DOMESTIC COLD WATER, COLD WATER
- UNDERGROUND DOMESTIC COLD WATER, UNDERGROUND COLD WATER (UG)
- DOMESTIC HOT WATER, HOT WATER
- DOMESTIC HOW WATER RETURN, HOT WATER RETURN
- STORM DRAIN (SD)
- VENT (SANITARY)
- SOIL, WASTE, OR SANITARY SEWER ABOVE GRADE
- SANITARY SEWER, BELOW GRADE OR IN CRAWL SPACE
- EXISTING DOMESTIC COLD WATER, COLD WATER
- EXISTING DOMESTIC HOT WATER, HOT WATER
- EXISTING DOMESTIC HOW WATER RETURN, HOT WATER RETURN
- EXISTING STORM DRAIN (SD)
- EXISTING VENT (SANITARY)
- EXISTING SOIL, WASTE, OR SANITARY SEWER ABOVE GRADE
- EXISTING SANITARY SEWER, BELOW GRADE OR IN CRAWL SPACE
- CONNECT NEW PIPE TO EXISTING PIPE
- LIMIT OF DEMOLITION
- EXISTING PIPE TO DEMOLISH
- VIEW NUMBER (2 / P801)
- DRAWING NUMBER WHERE DRAWN
- SECTION LETTER (A / P101)
- DRAWING NUMBER WHERE SHOWN
- BUILDING NO. WHERE EQUIPMENT IS LOCATED.
- EQUIPMENT ABBREVIATION (PUMP)
- PUMP NO.3 IN BUILDING NO.26 (26-P 3)
- TYPICAL UNIT NO.
- RISER SYSTEM (SAN / 1)
- RISER NUMBER
- WATER HEATER PLAN VIEW

NOTE: NOT ALL ABBREVIATIONS AND SYMBOLS ARE USED WITHIN THIS PROJECT

PLUMBING GENERAL NOTES

1. REFER TO ALL OTHER DRAWINGS FOR ADDITIONAL INFORMATION.
2. COORDINATE ALL WORK WITH OTHER TRADES AND LOCAL AUTHORITIES HAVING JURISDICTION PRIOR WORK COMMENCEMENT.
3. PIPING ROUTING SHOWN IS SCHEMATIC, AND IS INTENDED TO INDICATE GENERAL ROUTING. ADDITIONAL OFFSETS AND FITTINGS REQUIRED SHALL BE PROVIDED FOR PROPER INSTALLATION IN ORDER TO MAINTAIN CLEARANCES AS ENCOUNTERED IN THE FIELD. PLUMBING PIPING SHALL NOT BE ROUTED OVER ELECTRICAL PANELS.
4. SLEEVE AND FIRE STOP ALL PENETRATIONS OF RATED WALLS, FLOORS, CEILINGS, ETC., IN ACCORDANCE WITH APPLICABLE UL STANDARDS AND LOCAL CODES TO MAINTAIN RATINGS OF ASSEMBLIES. REFER TO ARCHITECTURAL AND LIFE AND SAFETY DRAWINGS FOR RATED WALLS, CEILINGS, AND FLOOR INFORMATION.
5. OFFSET PIPING TO AVOID STRUCTURAL MEMBERS, CANTS, FLASHING, MECHANICAL AND ELECTRICAL EQUIPMENT, ETC.
6. SEE RISER DIAGRAMS FOR BRANCH PIPING DETAILS AND SIZES NOT SHOWN ON PLAN.
7. ALL PIPING SHALL BE CONCEALED, UNLESS OTHERWISE NOTED.
8. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF THE SYSTEM. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS. DO NOT SCALE DRAWINGS FOR EXACT LOCATION OF PLUMBING FIXTURES AND PIPING
9. PROVIDE SUPPLY STOPS ON HOT AND COLD WATER PIPE SUPPLYING ALL FIXTURES AND EQUIPMENT
10. SUBMIT CORE-DRILL PLAN TO STRUCTURAL ENGINEER AND ARCHITECT FOR REVIEW PRIOR TO STARTING ANY WORK.
11. FURNISH AND INSTALL DIELECTRIC COUPLINGS/UNIONS AT ALL CONNECTIONS BETWEEN DISSIMILAR METALS
12. CONTRACTOR SHALL INSTALL ALL EQUIPMENT PER THE MANUFACTURER INSTALLATION RECOMMENDATIONS
13. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS AND SPECIFICATIONS RELATED TO PLUMBING FIXTURE SELECTIONS, COLOR FINISHES AND PIPE ROUTING.
14. PROVIDE ALL NECESSARY VALVES, TRAPS, FLOW CONTROLS, FILTERS, BACKFLOW ASSEMBLIES, FAUCETS, STOPS, TAILPIECES, VACUUM BREAKERS, IF NOT FURNISHED WITH EQUIPMENT.
15. PROVIDE APPROVED CHROME PLATED TYPE VACUUM BREAKERS WHERE REQUIRED BY LOCAL CODES, AND AS INDICATED ON PLANS FOR NEW WORK.
16. DOMESTIC COLD AND HOT WATER VELOCITY SHALL NOT EXCEED FIVE FEET PER SECOND.
17. PLUMBING CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE THAT ALL PLUMBING WORK SHALL BE FREE OF DEFECTS OF MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE.
18. ALL EQUIPMENT WARRANTIES SHALL BEGIN ON THE DATE OF THE PROJECT SUBSTANTIAL COMPLETION. ALL LABOR WARRANTIES SHALL BEGIN ON THE DATE OF THE FINAL ACCEPTANCE OF THE PROJECT BY THE OWNER. ROOFING WARRANTY SHALL BE MAINTAINED AS RESULT OF ANY ROOFING PENETRATIONS, OR CURB MODIFICATION.
19. ALL PIPE SIZES INDICATED ARE MINIMUM INSIDE DIAMETER.
20. INSULATE ALL HOT WATER PIPING WITH 1" RIGID FIBERGLASS OR 1/2" FLEXIBLE FOAM INSULATION (ARMAFLEX). FLEXIBLE FOAM INSULATION SHALL NOT BE SPLIT, AND SHALL BE TAPED AT BUTT JOINTS.
21. ALL NEW DOMESTIC WATER PIPING SHALL BE HYDROSTATICALLY TESTED AT 100 PSIG FOR A PERIOD OF NO LESS THAN ONE HOUR.
22. WASTE AND VENT PIPING SHALL BE FILLED WITH WATER TO A 15 FEET OF HEAD AND ALLOW TO STAND UNTIL WATER LEVEL REMAINS CONSTANT.
23. STERILIZE ALL NEW DOMESTIC WATER PIPING WITH MIXTURE OF TWO POUNDS OF CHLORINATED LIME TO EACH 1000 GALLONS OF WATER (50 PPM OF AVAILABLE CHLORINE), RETAIN A MIXTURE IN PIPE FOR A PERIOD OF 24 HOURS AND FLUSH THOROUGHLY WITH POTABLE WATER BEFORE PLACING SYSTEM IN SERVICE.
24. ALL HORIZONTAL VENT PIPING SHALL SLOPE TO DRAW TO STACKS. NOT POCKETS OR LOW POINTS SHALL BE CREATED IN THE VENT LINES WHICH MAY PREVENT VENTING IF FILLED WITH CONDENSATION.
25. DO NOT PENETRATE WALL FOOTINGS WITH PIPE.
26. CONTRACTOR SHALL ROUGH-IN ALL WASTES AND SUPPLIES TO ALL EQUIPMENT ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND MAKE FINAL CONNECTIONS.
27. IF, THROUGH ERROR OR OMISSIONS, THE INTENT OF ARCHITECT/ENGINEER WITH REGARD TO ANY DETAIL IS NOT CLEAR OR IS CAPABLE OF MORE THAN ONE INTERPRETATION, SUCH MATTERS WILL BE BROUGHT TO THE ATTENTION OF THE ENGINEER/ARCHITECT IN WRITING BEFORE THE SUBMISSION OF BIDS, AND THE ENGINEER/ARCHITECT SHALL MAKE CORRECTION OR EXPLANATION IN WRITING. OTHERWISE, NO EXTRA CHARGE WILL BE ALLOWED FOR THE WORK OR MATERIAL WHICH THE ENGINEER/ARCHITECT WILL REQUIRE, PROVIDED THAT IT COMES WITHIN A REASONABLE INTERPRETATION OF THE DRAWINGS AND SPECIFICATIONS
28. THE PLANS AND SPECIFICATIONS ARE INTENDED AS A GENERAL DESCRIPTION OF THE WORK TO BE PERFORMED. ALL ITEMS NOT SPECIFICALLY MENTIONED OR SHOWN, BUT NECESSARY FOR THE COMPLETION OF THE INSTALLATION, SHALL BE FURNISHED AND INSTALLED BY THIS CONTRACTOR. THIS CONTRACTOR SHALL THOROUGHLY ACQUAINT HIMSELF WITH THE MECHANICAL, ARCHITECTURAL AND ELECTRICAL PLANS BEFORE SUBMITTING HIS FINAL BID. NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO THE CONTRACTOR'S FAILURE TO FAMILIARIZE HIMSELF WITH THE PLANS.
29. UNDERGROUND, SOIL, WASTE, AND VENT PIPING NPS 4 AND SMALLER SHALL BE SOLID WALL ASTM D2665 SCHEDULE 40 PVC, PVC SOCKET FITTINGS, AND SOLVENT CEMENT JOINTS - OR APPROVED EQUAL.
30. ABOVEGROUND VENT PIPING NPS 4 AND SMALLER SHALL BE SOLID WALL ASTM D2665 SCHEDULE 40 PVC, PVC SOCKET FITTINGS, AND SOLVENT CEMENT JOINTS - OR APPROVED EQUAL.
31. SLOPE ALL SANITARY DWV, STORM DRAIN, AND CONDENSATE DRAIN PIPING NPS 3 AND LARGER A MINIMUM OF 1/8" PER LINEAR FEET OF RUN. NPS 2 AND SMALLER A MINIMUM OF 1/4" PER LINEAR FEET OF RUN.
32. UNDERGROUND DOMESTIC WATER PIPE SHALL BE CPVC ASTM F441/F441M, WITH WALL THICKNESS AS INDICATED IN "PIPING APPLICATIONS ARTICLE", CPVC SOCKET FITTINGS ASTM F439 SCHEDULE 80 INSIDE A PROTECTIVE SLEEVE - OR APPROVED EQUAL.
33. ABOVE GROUND DOMESTIC WATER PIPE SHALL BE CPVC ASTM F441/F441M, WITH WALL THICKNESS AS INDICATED IN "PIPING APPLICATIONS ARTICLE", CPVC SOCKET FITTINGS ASTM F439 SCHEDULE 80 - OR APPROVED EQUAL.
34. INSULATE ALL HOT WATER PIPING WITH 1" RIGID FIBERGLASS OR 1/2" FLEXIBLE FOAM INSULATION (ARMAFLEX). FLEXIBLE FOAM INSULATION SHALL NOT BE SPLIT, AND SHALL BE TAPED AT BUTT JOINTS, AND ENCAPSULATE PIPE IN A PROTECTIVE SLEEVE, PROVIDE A MINIMUM THERMAL RESISTANCE OF R-3
35. ALL HOT WATER HEATERS SHALL BE PROVIDED WITH HEAT TRAPS.
36. INFORMATION SHOWN ON THIS DRAWINGS AS TO THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE MOST RELIABLE DATE AND INFORMATION AVAILABLE TO THE ENGINEER. THIS INFORMATION IS NOT GUARANTEED. HOWEVER, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION, CHARACTER AND DEPTH OF EXISTING UTILITIES.

SCOPE OF WORK

- PROVIDE ALL NEW PIPING FOR DOMESTIC COLD WATER, HOT WATER, RECIRCULATING HOT WATER, SANITARY SEWER AND SANITARY VENTING.
- PROVIDE ALL NEW PLUMBING FIXTURES AND ASSOCIATED COMPONENTES FOR A FULL COMPLETE INSTALLATION.
- PROVIDE NEW ELECTRIC WATER HEATER.
- PROVIDE NEW HOT WATER RECIRCULATION PUMP.

PLUMBING SHEET LIST

Sheet Number	Sheet Title
P001	PLUMBING GENERAL NOTES & LEGEND
P201	PLUMBING PRESSURE FLOOR PLAN
P202	PLUMBING SANITARY FLOOR PLAN
P301	PLUMBING ISOMETRICS
P801	PLUMBING DETAILS

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ADDRESS:
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DWG IDENTIFICATION
PLUMBING GENERAL NOTES & LEGEND

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
100%CD	03/27/26	DG NL

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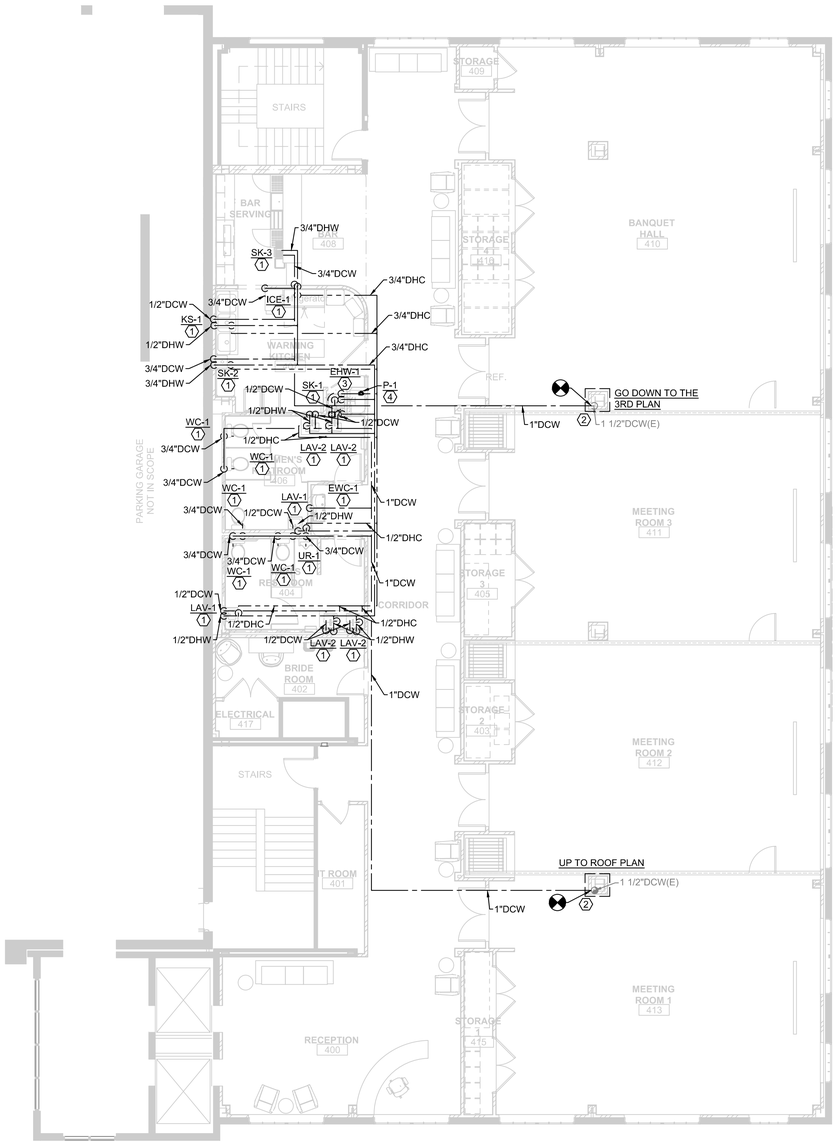
JOB FILE NUMBER:
25-124

P001



PLUMBING PRESSURE FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. REFER TO SHEET P001 FOR GENERAL NOTES AND SYMBOLS LEGEND.

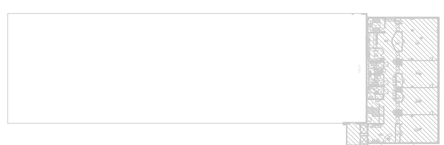
B. COORDINATE WORK SCHEDULE WITH PROJECT MANAGER.

C. LOCATE EQUIPMENT IN SUCH WAT THAT THE MANUFACTURER CLEARANCES ARE ALWAYS MAINTAINED.

D. DRAWINGS ARE SCHEMATIC AND REPRESENT THE GENERAL LAYOUT OF THE PLUMBING EQUIPMENT. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS OF THE BUILDING.

(#) PLAN KEY NOTES

1. PROVIDE NEW PLUMBING FIXTURE AND ALL ASSOCIATED COMPONENTS.
2. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
3. PROVIDE NEW ELECTRIC HOT WATER HEATER AND ALL ASSOCIATED COMPONENTS.
4. PROVIDE NEW HOT WATER RECIRCULATION PUMP AND ALL ASSOCIATED COMPONENTS.



KEYPLAN
SCALE: N.T.S.

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DWG IDENTIFICATION
PLUMBING PRESSURE FLOOR PLAN

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
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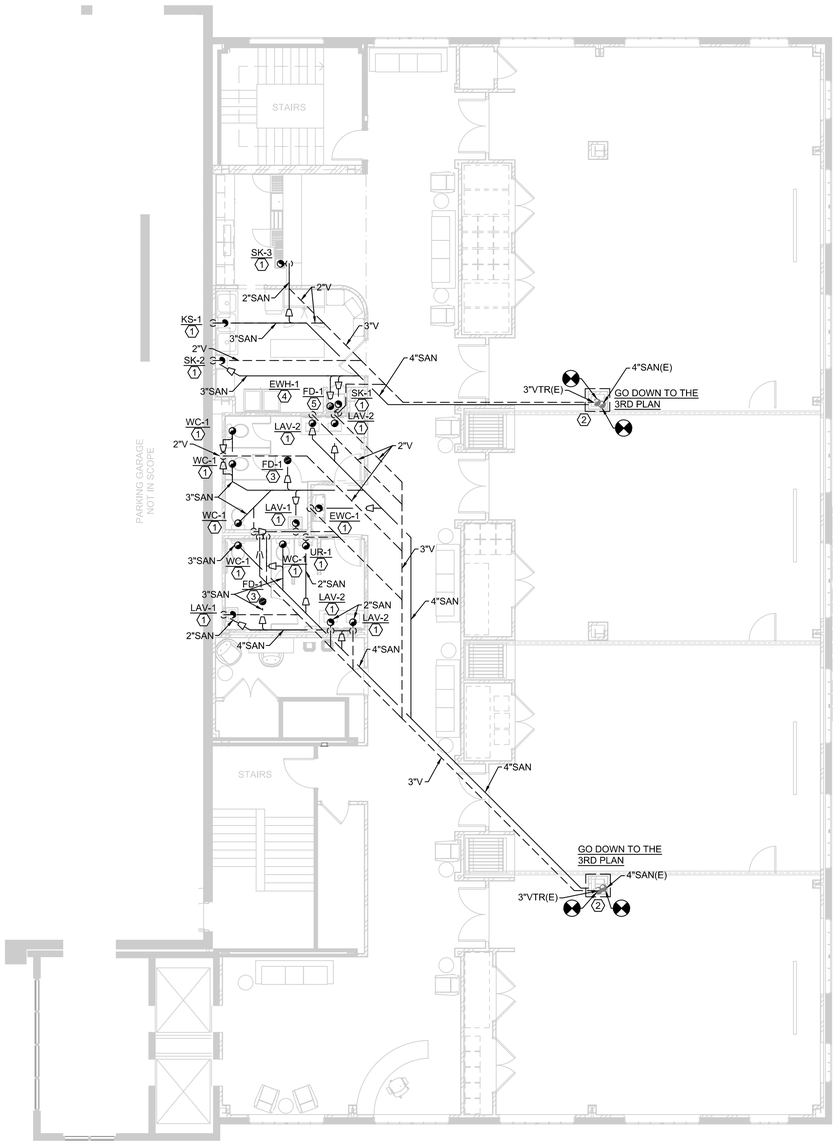
P201



1 PLUMBING SANITARY FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. REFER TO SHEET P001 FOR GENERAL NOTES AND SYMBOLS LEGEND.

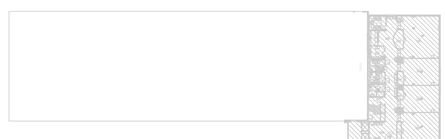
B. COORDINATE WORK SCHEDULE WITH PROJECT MANAGER.

C. LOCATE EQUIPMENT IN SUCH WAT THAT THE MANUFACTURER CLEARANCES ARE ALWAYS MAINTAINED.

D. DRAWINGS ARE SCHEMATIC AND REPRESENT THE GENERAL LAYOUT OF THE PLUMBING EQUIPMENT. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS OF THE BUILDING.

(#) PLAN KEY NOTES

1. PROVIDE NEW PLUMBING FIXTURE AND ALL ASSOCIATED COMPONENTS.
2. CONTRACTOR MUST REVIEW AND VALIDATE EXISTING MAIN DISTRIBUTION CONNECTIONS WITH RESPECT TO NEW PLUMBING SANITARY CONNECTIONS.
3. PROVIDE NEW FLOOR DRAIN AND TRAP PRIMER CONNECTION.
4. PROVIDE RELIEF PIPING TO FLOOR DRAIN.
5. PROVIDE NEW FLOOR DRAIN WITH FUNNEL STRAINER - BASIS OF DESIGN ZURN Z415E.



2 KEYPLAN
SCALE: N.T.S.

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PLUMBING SANITARY FLOOR PLAN

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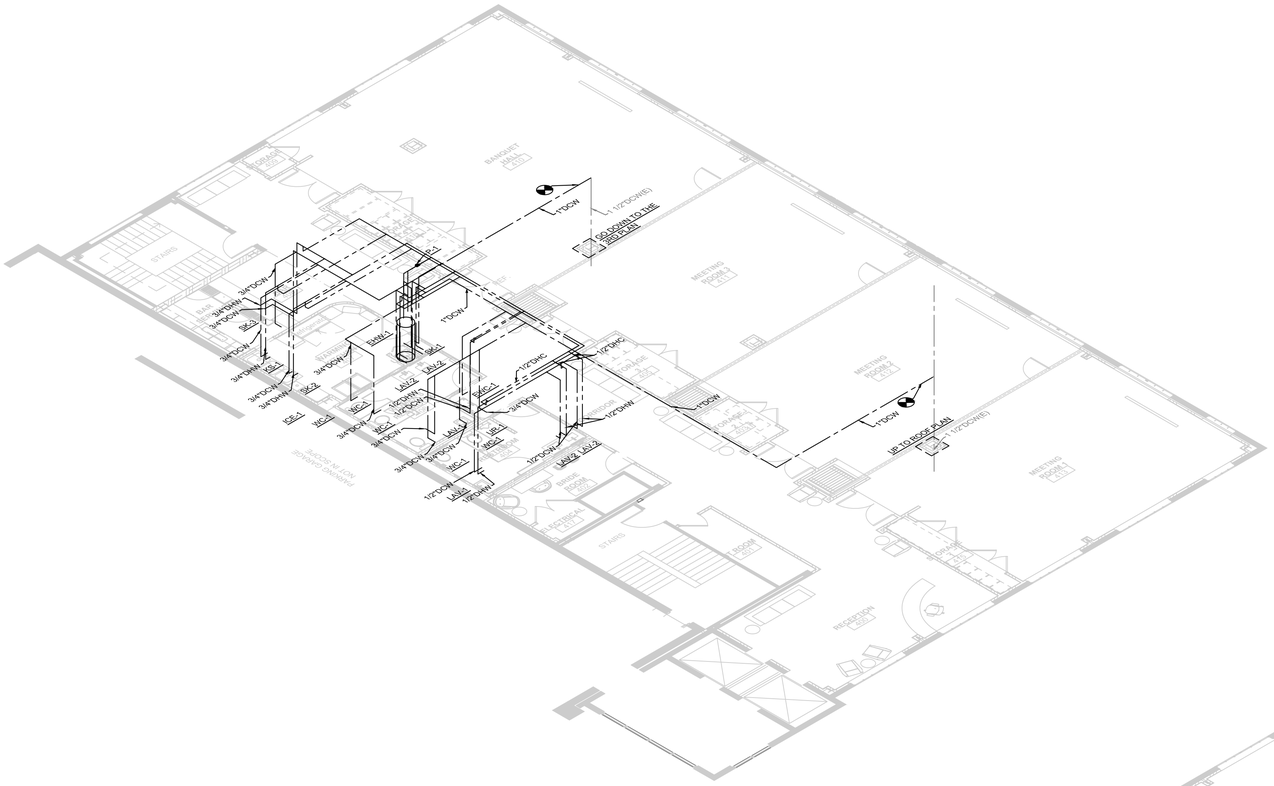
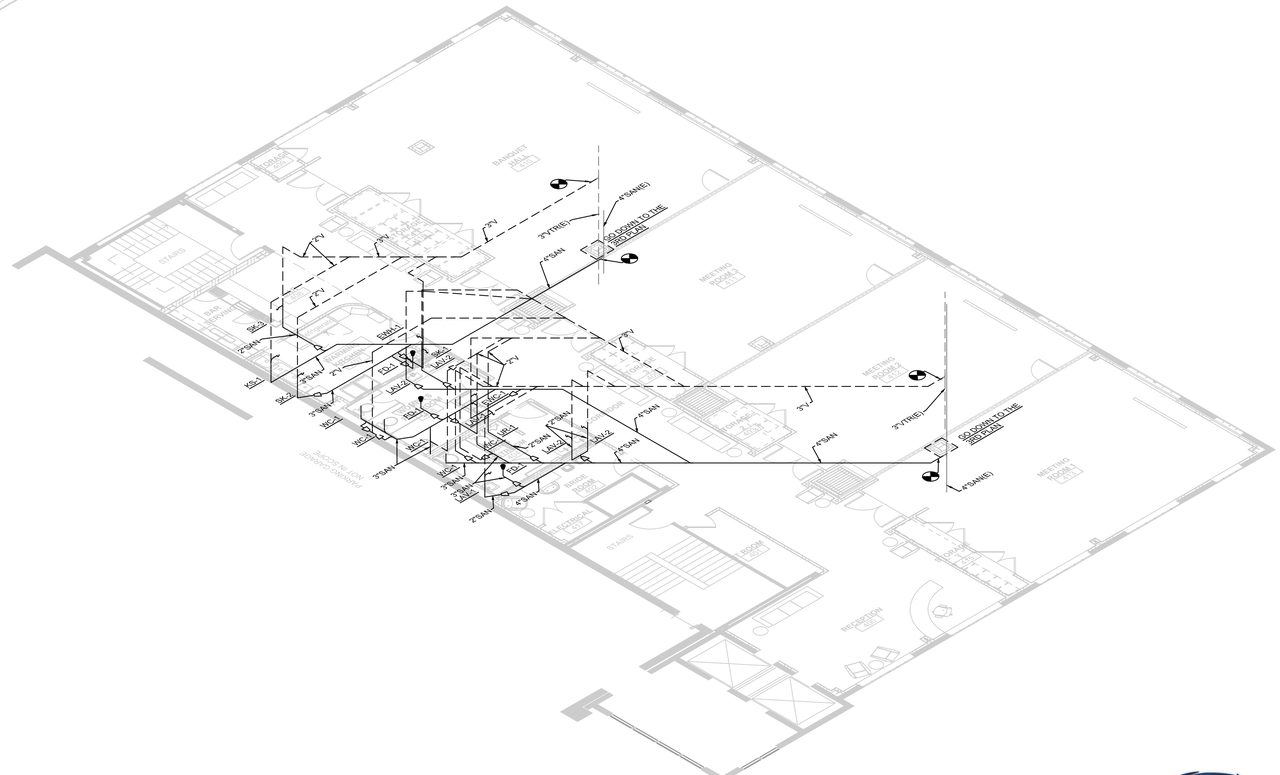


①PLUMBING WATER ISOMETRICS



②PLUMBING SANITARY ISOMETRICS

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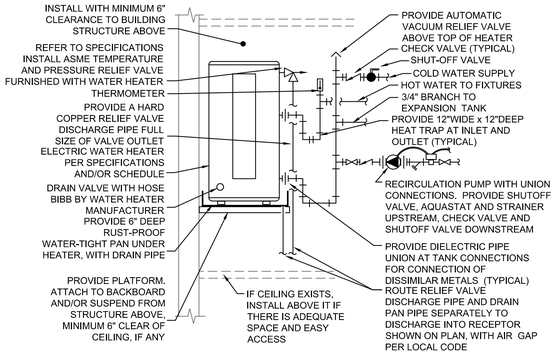
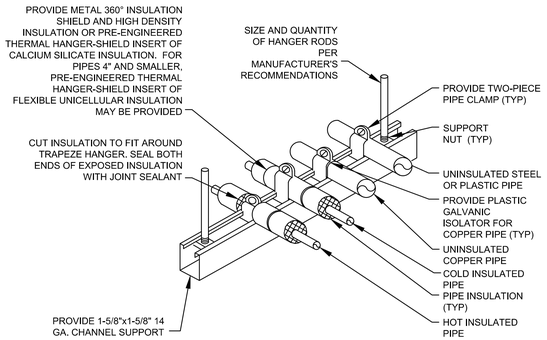


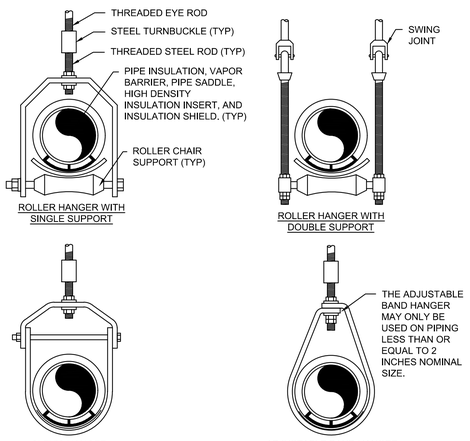
REFER TO SCHEDULES AND NOTES FOR MORE INFORMATION. PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS. VERIFY CONNECTION SIZES AND LOCATIONS WITH WATER HEATER FURNISHED. REFER TO FLOOR PLANS FOR PIPE SIZES. PROVIDE SEISMIC BRACE WHERE REQUIRED. PROVIDE WATER HEATER PLATFORM ATTACHED TO WALL AND/OR SUSPENDED FROM STRUCTURE ABOVE. INSTALL BOTTOM OF PLATFORM AT MINIMUM 6'-6" ABOVE FLOOR IF ABOVE JANITOR'S SINK; OTHERWISE HIGH AS POSSIBLE. POWER WIRING AND DISCONNECT ARE SPECIFIED BY ELECTRICAL. INTERLOCK OF AQUASTAT WITH RECIRCULATION PUMP IS SPECIFIED BY ELECTRICAL.

1 ELECTRIC WATER HEATER OVERHEAD
NTS

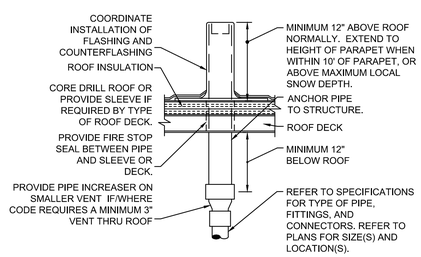


PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITONS. REFER TO SPECIFICATIONS FOR MORE INFORMATION. PIPE AND CONDUIT OF ALL TRADES MAY BE COMBINED ON THE SAME SUPPORT CHANNEL. COORDINATE SUPPORT CHANNEL LENGTH WITH PIPING AND CONDUIT TO BE SUPPORTED. SUPPORT CHANNEL SPACING SHALL BE DETERMINED BY SMALLEST PIPE TO BE SUPPORTED. CHANNEL SUPPORT MAY BE USED AS A WALL BRACKET, ATTACH TO WALL WITH ANCHOR BOLTS PER SPECIFICATIONS. FOR HORIZONTAL INSULATED PIPING, ATTACH CLAMPS AS INDICATED ABOVE, FOR VERTICAL INSULATED PIPING, ATTACH CLAMPS TO THE PIPE AND SEAL INSULATION AT BOTH CLAMP ENDS.

2 TRAPEZE PIPE HANGER
NTS



3 PIPE HANGER DETAILS
NTS



LOCATE VTR MINIMUM THREE FEET FROM PROPERTY LINE, TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, TWENTY FIVE FEET FROM ANY OPENING OR FRESH AIR INTAKE IN MEDICAL FACILITIES AND ONE FOOT FROM ANY VERTICAL SURFACE. REFER TO LOCAL CODES FOR OTHER VENT TERMINATION REQUIREMENTS. LOCATE VTR MINIMUM 18" FROM ADJACENT WALL, PARAPET, EXPANSION JOINT, ROOF DRAIN, EQUIPMENT CURB, OR OTHER ROOF FEATURE. OFFSET IN CEILING SPACE WHERE REQUIRED TO MEET THESE CONDITIONS. INSULATE LAST SIX FEET OF VENT PIPE INSIDE BUILDING PER SPECIFICATIONS.

4 VENT THRU ROOF
NTS

WATER SUPPLY CALCULATIONS

FIXTURE TAG	FIXTURE LOCATION	FIXTURE TYPE	OCCUPANCY TYPE	CONTROL TYPE	LOAD (WSFU)		
					COLD	HOT	TOTAL
SK-1	WARMING KITCHEN	SERVICE SINK	OFFICES ETC.	FAUCET	2.25	2.25	3
KS-1	WARMING KITCHEN	KITCHEN SINK	HOTEL-RESTAURANT	FAUCET	3	3	4
ICE-1	WARMING KITCHEN	REFRIGERATOR	PRIVATE	AUTOMATIC	0.25	0	0.25
SK-2	WARMING KITCHEN	SERVICE SINK	OFFICES ETC.	FAUCET	2.25	2.25	3
SK-3	BAR SERVING	LAVATORY	PRIVATE	FAUCET	0.5	0.5	0.7
EWC-1	CORRIDOR	DRINKING FOUNTAIN	OFFICES ETC.	3/8" VALVE	0.25	—	0.25
LAV-1	MENS RESTROOM	LAVATORY	PRIVATE	FAUCET	0.5	0.5	0.7
LAV-2	MENS RESTROOM	LAVATORY	PRIVATE	FAUCET	0.5	0.5	0.7
LAV-2	MENS RESTROOM	LAVATORY	PRIVATE	FAUCET	0.5	0.5	0.7
UR-1	MENS RESTROOM	URINAL	PUBLIC	3/4" FLUSHOMETER VALVE	5	—	5
WC-1	MENS RESTROOM	URINAL	PUBLIC	3/4" FLUSHOMETER VALVE	5	—	5
WC-1	MENS RESTROOM	WATER CLOSET	PRIVATE	FLUSH TANK	2.2	—	2.2
LAV-1	WOMENS RESTROOM	LAVATORY	PRIVATE	FAUCET	0.5	0.5	0.7
LAV-2	WOMENS RESTROOM	LAVATORY	PRIVATE	FAUCET	0.5	0.5	0.7
LAV-2	WOMENS RESTROOM	LAVATORY	PRIVATE	FAUCET	0.5	0.5	0.7
WC-1	WOMENS RESTROOM	WATER CLOSET	PRIVATE	FLUSH TANK	2.2	—	2.2
WC-1	WOMENS RESTROOM	WATER CLOSET	PRIVATE	FLUSH TANK	2.2	—	2.2
WC-1	WOMENS RESTROOM	WATER CLOSET	PRIVATE	FLUSH TANK	2.2	—	2.2
				WSFU TOTALS	30.3	11	34.2
		PREDOMINATELY:	FLUSH VALVE	DEMAND (GPM)	44	27.8	44
				RECOMMENDED PIPE SIZE (IN)	2	2	2

DRAINAGE CALCULATIONS (FPC 8TH EDITION COMPLIANT)

FIXTURE TAG	FIXTURE LOCATION	FIXTURE TYPE	OCCUPANCY	ADDITIONAL INFORMATION	MINIMUM SIZE OF TRAP (INCHES)	DRAINAGE FIXTURE UNIT VALUE AS LOAD FACTORS
SK-1	WARMING KITCHEN	SERVICE SINK	ANY	-	1.5	2
KS-1	WARMING KITCHEN	KITCHEN SINK	RESIDENTIAL	-	1.5	2
ICE-1	WARMING KITCHEN	SERVICE SINK	ANY	-	1.5	2
SK-2	WARMING KITCHEN	SERVICE SINK	ANY	-	1.5	2
SK-3	BAR SERVING	SERVICE SINK	ANY	-	1.5	2
EWC-1	CORRIDOR	DRINKING FOUNTAIN	COMMERCIAL	-	1.25	0.5
LAV-1	MENS RESTROOM	LAVATORY	ANY	-	1.25	1
LAV-2	MENS RESTROOM	LAVATORY	ANY	-	1.25	1
LAV-2	MENS RESTROOM	LAVATORY	ANY	-	1.25	1
UR-1	MENS RESTROOM	URINAL	ANY	1 GPF OR LESS	NOTE D	2
FD-1	MENS RESTROOM	FLOOR DRAINS (H)	COMMERCIAL	-	2	2
WC-1	MENS RESTROOM	WATER CLOSET	COMMERCIAL	1.6 GPF OR LESS	NOTE D	4
WC-1	MENS RESTROOM	WATER CLOSET	COMMERCIAL	1.6 GPF OR LESS	NOTE D	4
LAV-1	WOMENS RESTROOM	LAVATORY	ANY	-	1.25	1
LAV-2	WOMENS RESTROOM	LAVATORY	ANY	-	1.25	1
LAV-2	WOMENS RESTROOM	LAVATORY	ANY	-	1.25	1
FD-1	WOMENS RESTROOM	FLOOR DRAINS (H)	COMMERCIAL	-	2	2
WC-1	WOMENS RESTROOM	WATER CLOSET	COMMERCIAL	1.6 GPF OR LESS	NOTE D	4
WC-1	WOMENS RESTROOM	WATER CLOSET	COMMERCIAL	1.6 GPF OR LESS	NOTE D	4
WC-1	WOMENS RESTROOM	WATER CLOSET	COMMERCIAL	1.6 GPF OR LESS	NOTE D	4
					TOTAL DRAINAGE FIXTURE UNITS	42.5
					PIPE SIZE REQUIRED AT 1/2" PER 1'-0" SLOPE (IN)	3
					PIPE SIZE REQUIRED AT 1/4" PER 1'-0" SLOPE (IN)	4
					PIPE SIZE REQUIRED AT 1/8" PER 1'-0" SLOPE (IN)	4
					PIPE SIZE REQUIRED AT 1/16" PER 1'-0" SLOPE (IN)	8
					PIPE SIZE PROVIDED (IN)	4

NOTES:

A. FOR TRAPS LARGER THAN 3 INCHES, USE TABLE 709.2.

B. A SHOWERHEAD OVER A BATHTUB OR WHIRLPOOL BATHTUB ATTACHMENT DOES NOT INCREASE THE DRAINAGE FIXTURE UNIT VALUE.

C. SEE SECTIONS 709.2 THROUGH 709.4.1 FOR METHODS OF COMPUTING UNIT VALUE OF FIXTURES NOT LISTED IN THIS TABLE OR FOR RATING OF DEVICES WITH INTERMITTENT FLOWS

D. TRAP SIZE SHALL BE CONSISTENT WITH THE FIXTURE OUTLET SIZE.

E. FOR THE PURPOSE OF COMPUTING LOADS ON BUILDING DRAINS AND SEWERS, WATER CLOSETS AND URINALS SHALL NOT BE RATED AT A LOWER DRAINAGE FIXTURE UNIT UNLESS THE LOWER VALUES ARE CONFIRMED BY TESTING.

F. FOR FIXTURES ADDED TO A BATHROOM GROUP, ADD THE DFU VALUE OF THOSE ADDITIONAL FIXTURES TO THE BATHROOM GROUP FIXTURE COUNT.

G. SEE SECTION 406.2 FOR SIZING REQUIREMENTS FOR FIXTURE DRAIN, BRANCH DRAIN AND DRAINAGE STACK FOR AN AUTOMATIC CLOTHES WASHER STANDPIPE.

H. SEE SECTIONS 709.4 AND 709.4.1

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE TYPE	DESCRIPTION	MIN. CONNECTION SIZES (IN)				NOTES
			DCW	DHW	SAN	VENT	
SK-1	SINK	FLOOR MOUNTED SINK: ZURN Z1996-24 FAUCET: ZURN Z1996-SF PROVIDED BY OWNER OR SIMILAR.	1/2	1/2	1 1/2	3	1-4
SK-2	SINK	BK-9X9 SPACE SAVER HAND SINK MODEL CHS17161 W/SLIDE SPLASH PROVIDED BY OWNER OR SIMILAR	3/4	3/4	1 1/2	2	1-2
SK-3	SINK	BK-DECK MOUNT HAND MODEL SINK KR19-31C W/INTEGRATED TOWEL DISPENSER. PROVIDED BY OWNER OR SIMILAR.	3/4	3/4	1 1/2	2	1-2
ICE-1	ICE MAKER	KM-EDGE ICE MACHINE SERIES KR19-24-10 SLIM-LINE MODULAR CRESCENT CUBER PROVIDED BY OWNER OR SIMILAR.	3/4	3/4	1 1/2	2	1-2
KS-1	KITCHEN SINK	BK - COMPARTMENT SINKS, THREE COMPARTMENT. MODEL RNSF83724. PROVIDED BY OWNER OR SIMILAR.	1/2	1/2	1 1/2	2	1-2
EWC-1	DRINKING FOUNTAIN	WALL MOUNTED ELKAY EMABFTL8WSLK OR SIMILAR.	1/2	-	1 1/2	2	1-4
FD-1	FLOOR DRAIN	6" ROUND CAST IRON ZURN Z415B. OR SIMILAR.	-	-	2	2	1-4
UR-1	URINAL	WALL MOUNTED MODEL 6590.125 OR SIMILAR.	3/4	-	2	2	1-4
LAV-1	LAVATORY	WALL HUNG SLOAN SS-3103 SINK AND SLOAN SF-2150 FAUCET. OR SIMILAR.	1/2	-	1 1/4	1 1/4	1-4,6
LAV-2	LAVATORY	WALL HUNG KOHLER 2214 SINK WITH BRADLEY CORP VERGE ZEN SERIES S53-3700 FAUCET. OR SIMILAR.	1/2	-	1 1/4	1 1/4	1-4,6
WC-1	WATER CLOSET	FLOOR MOUNTED ZURN Z5665.258 BOWL. ZURN Z6000AV-HET FLUSH VALVE. ZURN Z5955SS-EL ELONGATED OPEN FRONT SEAT WITH S.S. HINGE.	1/2"	-	3"	2"	1-5

NOTES:

1 FIXTURE SCHEDULED IS THE BASIS OF DESIGN. APPROVED EQUALS WILL BE CONSIDERED UPON SUBMITTAL REVIEW
2 PROVIDE ALL FIXTURES WITH INDIVIDUAL FIXTURE SHUT-OFF VALVES. VALVES TO BE FULL PORT QUARTER TURN BALL VALVES.
3 PLUMBING EQUIPMENT SHALL BE VERIFIED AND APPROVED BY ARCHITECT/OWNER PRIOR TO PURCHASING AND INSTALLATION
4 INSTALL EQUIPMENT PER MANUFACTURER RECOMMENDATIONS
5 ALL WATER CLOSETS SHALL BE INSTALLED PER ADA COMPLIANCE WITH A FLOOR TO TOP OF SEAT HEIGHT OF 17"-19"
6 ALL LAVATORIES SHALL BE INSTALLED PER ADA COMPLIANCE WITH A FLOOR TO TOP OF SINK HEIGHT OF 34" MAXIMUM

ELECTRIC WATER HEATER

TAG	UEF	CAPACITY (GAL)	INPUT KW	NO. OF ELEMENTS	RECOVERY CAPACITY @72 DEG.F. (GPH)	MFG	MODEL	NOTES
EWH-1	0.92	36	4.5	2	34	A.O SMITH	DEL-30	1-6

NOTES:

1 WATER HEATER SHALL BE UL LISTED.
2 MUST MEET FLORIDA ENERGY CODE.
3 ELECTRICA HEATING ELEMENTS SHALL BE MEDIUM WATT DENSITY WITH ZINC PLATED COPPER SHEATH.
4 EACH ELEMENT SHALL BE CONTROLLED INDIVIDUALLY.
5 PROVIDE WITH ELECTRICAL JUNCTION BOX.
6 PROVIDE WITH MINIMUM 3 YEAR WARRANTY.

PUMP SCHEDULE

TAG	DESCRIPTION	GPM	HEAD (FT)	MFG.	MODEL
CP-1	HOT WATER RECIRCULATING PUMP	8	8	TACO	006e3

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25-124

P801

ELECTRICAL ABBREVIATIONS AND SYMBOLS LEGEND

1PH	SINGLE-PHASE	DEG F	DEGREES FAHRENHEIT	MTD	MOUNTED
1P	SINGLE POLE	DEMO	DEMOLITION	MTG	MOUNTING
2/C	TWO-CONDUCTOR	DIAG	DIAGRAM	MTR	MOTOR
3/C	THREE-CONDUCTOR	DISC	DISCONNECT	MTS	MANUAL TRANSFER SWITICH
3PH	THREE-PHASE	DIST PNL	DISTRIBUTION PANEL	MV	MEDIUM VOLTAGE
4/C	FOUR-CONDUCTOR	DMR SW	DIMMER SWITCH	MVA	MEGAVOLT-AMPERE
4W	FOUR-WIRE	DPTD	DOUBLE POLE, DOUBLE THROW	MW	MEGAWATT
		DPST	DOUBLE POLE, SINGLE THROW		
A/C	AIR CONDITIONING UNIT	DRSW	DOOR SWITCH	NA	NOT APPLICABLE
A/E	ARCHITECT/ENGINEER	DS	DISCONNECT SWITCH	NAC	NOTIFICATION APPLIANCE CIRCUIT
AAP	ALARM ANNUNCIATOR PANEL	DWG	DRAWING	NA	NOT APPLICABLE
AC	ALTERNATING CURRENT			NAC	NOTIFICATION APPLIANCE CIRCUIT
	ARMORED CABLE	EL	ELEVATION	NC	NORMALLY CLOSED
ACC	ACCESSIBLE	ELEC	ELECTRIC, ELECTRICAL	NEC	NATIONAL ELECTRIC CODE
ADDL	ADDITIONAL	ELEV	ELEVATOR	NEMA	NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION
ADJ	ADJACENT, ADJOINING	EMER	EMERGENCY	NEUT	NEUTRAL
AF	AMPERE FRAME, AMPERE FUSE	EMI	ELECTROMAGNETIC INTERFERENCE	N	NEUTRAL
AFC	ABOVE FINISHED COUNTER	EMT	ELECTRICAL METALLIC TUBING	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
	AUTOMATIC FREQUENCY CONTROL	ENCL	ENCLOSURE	NIC	NOT IN CONTRACT
	AVAILABLE FAULT CURRENT	EPO	EMERGENCY POWER OFF	NL	NIGHT LIGHT, UNSWITCHED
AFCI	ARC-FAULT CURRENT INTERRUPTER	EXP	EXPLOSION PROOF	NO	NORMALLY OPEN
AFF	ABOVE FINISHED FLOOR	ESMT	EASEMENT	NTS	NOT TO SCALE
AFG	ABOVE FINISHED GRADE	EWC	ELECTRIC WATER COOLER		
Ah	AMPERE HOUR	EWH	ELECTRIC WATER HEATER	OC	ON CENTER
AHJ	AUTHORITY HAVING JURISDICTION	EXIST	EXISTING (E)	OD	OUTSIDE DIAMETER
AIC	AMPERE INTERRUPTING CAPACITY			OL	OVERLOAD
ALT	ALTERNATE	FA	FIRE ALARM		
AMB	AMBIENT	FAAP	FIRE ALARM ANNUNCIATOR PANEL	P	POLE
AMP	AMPERE	FACP	FIRE ALARM CONTROL PANEL	PB	PULL BOX
ARCH	ARCHITECT	FC	FOOTCANDLE	PEC	PHOTOELECTRIC CELL
ASC	AMPS SHORT CIRCUIT	FIXT	FIXTURE	PED	PEDESTAL
AT	AMPERE TRIP	FLA	FULL LOAD AMPS	PEND	PENDANT
ATS	AUTOMATIC TRANSFER SWITCH	FLUOR	FLUORESCENT	PF	POWER FACTOR
AUTO	AUTOMATIC	FT	FEET OR FOOT	PH	PHASE
AV	AUDIO VISUAL	FU SW	FUSED SWITCH	PNL	PANEL
		FVNR	FULL VOLTAGE NON-REVERSING	PT	POTENTIAL TRANSFORMER
BAT	BATTERY	FVR	FULL VOLTAGE REVERSING	PWR	POWER
BD	BOARD				
BFF	BELOW FINISHED FLOOR	G	ELECTRICAL GROUND	RCP	REFLECTED CEILING PLAN
BLDG	BUILDING	GEN	GENERATOR	REC	RECESSED
BRKR	BREAKER	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	REC	RECEPTACLE
BYP	BY PASS			RGS	RIGID GALVANIZED STEEL
			IMC INTERMEDIATE METAL CONDUIT	RM	ROOM
C	CONDUIT	INCAND	INCANDESCENT	RMS	ROOT MEAN SQUARE
CAB	CABINET	IR	INFRARED	REQD	REQUIRED
CALC	CALCULATE	IWH	INSTANTANEOUS WATER HEATER		
CAP	CAPACITY				SCC SHORT CIRCUIT CAPACITY
CAT	CATALOG	J-BOX	JUNCTION BOX	SD	SMOKE DETECTOR
CATV	COMMUNITY ANTENNA TELEVISION			SF	SQUARE FOOT [FEET]
CCR	CONTROL CONTACTOR	kV	KILOVOLT	SHT	SHEET
CCTV	CLOSED CIRCUIT TELEVISION	kVA	KILOVOLT AMPERE	SPD	SURGE PROTECTION DEVICE
cd	CANDELA	kVAh	KILOVOLT AMPERE PER HOUR	SPEC	SPECIFICATION
CD	CONSTRUCTION DOCUMENTS	kVAR	KILOVOLT AMPERE REACTIVE	SPST	SINGLE POLE, SINGLE THROW
CF	CONTRACTOR FURNISHED	kW	KILOWATT	SURF	SURFACE
CF/CI	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED	kWh	KILOWATT HOUR	SW	SWITCH
CF/OI	CONTRACTOR FURNISHED / OWNER INSTALLED	kWhM	KILOWATT HOUR METER	SWBD	SWITCHBOARD
CFE	CONTRACTOR FURNISHED EQUIPMENT			SWGR	SWITCHGEAR
CHW	CHILLED WATER	LV	LOW VOLTAGE		
CHWP	CHILLED WATER PUMP	LF	LINEAR FEET [FOOT]	TEL	TELEPHONE
CKT	CIRCUIT	LP	LIGHT POLE	TV	TELEVISION
CKT BRK	CIRCUIT BREAKER	LPS	LOW PRESSURE SODIUM	TYP	TYP TYPICAL
C/B	CIRCUIT BREAKER	LRA	LOCKED ROTOR AMPS		
CLF	CURRENT LIMITING FUSE	LT	LIGHT	UFD	UNDERFLOOR DUCT
CLG	CEILING	LTG	LIGHTING	UG	UNDERGROUND
COAX	COAX CABLE	LTG PNL	LIGHTING PANEL	UL	UNDERWRITERS LABORATORY
COMM	COMMUNICATION	LED	LIGHT EMITTING DIODO	UON	UNLESS OTHERWISE NOTED
COMPT	COMPARTMENT	LTNG	LIGHTNING	UPS	UNINTERRUPTIBLE POWER SUPPLY
CONC	CONCRETE			UTIL	UTILITY
CONT	CONTINUE	m	METER		
CONTR	CONTRACTOR	mm	MILLIMETER	V	VOLT
COORD	COORDINATE	MAX	MAXIMUM	VA	VOLT AMPERE
CPT	CONTROL POWER TRANSFORMER	MC	METAL-CLAD	VAR	VOLT AMPERE REACTIVE
CRI	COLOR RENDERING INDEX	MCA	MINIMUM CIRCUIT AMPS	VFD	VARIABLE FREQUENCY DRIVE
CT	CURRENT TRANSFORMER	MCB	MAIN CIRCUIT BREAKER	VOLT	VOLTAGE
CTV	CABLE TELEVISION	MCC	MOTOR CONTROL CENTER		
CU	COPPER	MECH	MECHANICAL	W	WATT
CUR	CURRENT	MH	MANHOLE	WH	WATER HEATER
		MIN	MINIMUM	WP	WEATHERPROOF
dB	DECIBEL	MOCP	MAXIMUM OVERCURRENT PROTECTION	XFER	TRANFER
DC	DIRECT CURRENT	MLO	MAIN LUGS ONLY	XFMR	TRANSFORMER
DCP	DIMMER CONTROL PANEL	MSC	MISCELLANEOUS		
DEG C	DEGREES CELSIUS	MT	MOUNT		

POWER DISTRIBUTION

- FEEDER OR BRANCH CIRCUIT CONCEALED IN WALL, CEILING OR FLOOR
- FEEDER OR BRANCH CIRCUIT CONCEALED IN WALL, CEILING OR FLOOR
- 1R1–1 — HOMERUN CONSISTING OF ONE SINGLE-PHASE, 1-POLE CIRCUIT, REFER TO SPECIFICATIONS AND/OR FEEDER SCHEDULES FOR WIRE SIZES. PANELBOARD AND CIRCUIT DESIGNATION ARE INDICATED.
- 1M1–1:3 — HOMERUN CONSISTING OF ONE SINGLE-PHASE, 2-P0LE CIRCUIT: REFER TO SPECIFICATIONS AND/OR FEEDER SCHEDULES FOR WIRE SIZES. PANELBOARD AND CIRCUIT DESIGNATIONS ARE INDICATED.
- 1R1–1,3 — HOMERUN CONSISTING OF TWO SINGLE-PHASE CIRCUITS: REFER TO SPECIFICATIONS AND/OR FEEDER SCHEDULES FOR WIRE SIZES. PANELBOARD AND CIRCUIT DESIGNATION ARE INDICATED.
- 1M1–1:3:5 — HOMERUN CONSISTING OF ONE THREE-PHASE CIRCUITS: REFER TO SPECIFICATIONS AND/OR FEEDER SCHEDULES FOR WIRE SIZES. PANELBOARD AND CIRCUIT DESIGNATIONS ARE INDICATED.
- 120/208V PANELBOARD, RECESSED
- 120/208V PANELBOARD, SURFACE MOUNT
- 277/480V PANELBOARD, SURFACE MOUNT
- 277/480V PANELBOARD, RECESSED

POWER DISTRIBUTION

- GROUND ROD WITH TEST INSPECTION WELL. REFER TO SPECIFICATIONS.
- GROUND BUS BAR
- C — EQUIPMENT CONNECTION
- J — JUNCTION BOX
- JC — CEILING MOUNTED JUNCTION BOX
- WALL MOUNTED JUNCTION BOX
- PB — PULL BOX
- DISCONNECT SWITCH
- DUPLEX RECEPTACLE
- DUPLEX TYPE C RECEPTACLE-LEVITON T5637 0R APPROVED EQUAL
- DOUBLE DUPLEX RECEPTACLE
- FLOOR BOX RECEPTACLE
- ABOVE COUNTER DUPLEX RECEPTICAL LOCATED 46" AFF. UNLESS NOTED OTHERWISE.
- DUPLEX RECEPTACLE, HALF SWITCHED
- SPECIAL PURPOSE RECEPTACLE
- TV — DUPLEX RECEPTACLE FOR TV LOCATED AT 60"AFF. LOCATE IN COMMON BOX WITH CCTV
- CEILING RECEPTACLE
- DUPLEX RECEPTACLE, GROUND FAULT
- DUPLEX RECEPTACLE, GROUND FAULT, AT 48" AFF
- WP — DUPLEX RECEPTACLE, GROUND FAULT WITH CAST ALUMINUM WEATHERPROOF "IN USE" COVER
- MOTOR
- T — TRANSFORMER
- PP — POWER POLE
- FLOOR BOX FOR POWER AND DATA.
- B — RING BELL
- DOORBELL

FIRE ALARM SYSTEM

- SD — CEILING MOUNTED SMOKE DETECTOR
- HD — CEILING MOUNTED HEAT DETECTOR
- CO/SD — CEILING MOUNTED SMOKE DETECTOR COMBINATION SMOKE AND CARBON MONOXIDE
- WALL MOUNTED FIRE ALARM COMBINATION SPEAKER/STROBE DEVICE. XX= CANDELA, SEE FLOOR PLAN
- CEILING MOUNTED FIRE ALARM COMBINATION SPEAKER/STROBE DEVICE. XX= CANDELA, SEE FLOOR PLAN
- R SD — DUCT SMOKE DETECTOR
- FS — FLOW SWITCH
- TS — TAMPER SWITCH
- P — PULL STATION
- FAAP — FIRE ALARM ANNUNCIATOR PANEL
- FACP — FIRE ALARM CONTROL PANEL
- FATC — FIRE ALARM TERMINAL CABINET
- NAC — FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT PANEL

LIGHTNING PROTECTION

- AIR TERMINAL-CLASS 1-COPPER 3/8".
- D — ROOFTOP MAIN CONDUCTOR, RUN EXPOSED ACROSS ROOF.
- 5/8"X 20' COPPER CLAD GROUND ROD.
- BOLTED 3-WAY SPLICE.
- BOLTED 4-WAY SPLICE.
- MAIN CONDUCTOR. UL LABELED COPPER CABLE.

LIGHTING FIXTURES

- RECESSED, SEMI RECESSED, SURFACE OR PENDANT MOUNTED LED FIXTURE.
- 1' x 4' FIXTURE
- 2' x 2' FIXTURE
- 2' x 4' FIXTURE
- 1' x 4' FIXTURE, BATTERY/EMERGENCY
- 2' x 2' FIXTURE, BATTERY/EMERGENCY
- 2' x 4' FIXTURE, BATTERY/EMERGENCY
- EMERGENCY LIGHT FIXTURE
- SINGLE FACE EXIT LIGHT FIXTURE ARROW INDICATES DIRECTION OF EGRESS
- DOUBLE FACE EXIT LIGHT FIXTURE ARROW INDICATES DIRECTION OF EGRESS
- EXTERIOR WALL CORNER LIGHT

SWITCHES

- $ — SINGLE POLE TOGGLE SWITCH, 20A., 120/277 VAC. MOUNTED 48" AFF. "a" INDICATES SWITCH LEG.
- $3 — THREE-WAY TOGGLE SWITCH, 20A., 120/277 VAC. MOUNTED 48" AFF. ABOVE FINISH FLOOR UON.
- $D — DIMMER SWITCH. MOUNTED 48" AFF.
- $LV — LOW VOLTAGE SWITCH 48" AFF.
- $OS — WALL VACANCY SWITCH DECORATOR MOTION SENSOR, 120/277VAC, 800/1200W. WATTSTOPPER DW-100 OR EQUAL.
- $EXP — EXPLOSION PROOF LIGHT SWITCH 48" AFF.

LIGHTING CONTROL DEVICES

- ULTRASONIC-CEILING CORRIDOR MOTION SENSOR, 24 VDC/VAC, 40mA. WATTSTOPPER WT-2250 OR EQUAL.
- DUAL ULTRASONIC/PIR-CEILING MOUNT SENSOR, 24 VDC/VAC, 35mA. WATTSTOPPER DT-305 OR EQUAL.
- P — POWER PACK 120/277 VAC; 20 AMPS, 225mA SECONDARY. WATTSTOPPER BZ-250 OR EQUAL. *FOR LOW VOLTAGE OCCUPANCY SENSORS, PROVIDE POWER PACK(S) 120/277 VAC; 20 AMPS, 225mA SECONDARY AS NEEDED FOR ZONE/AREA CONTROL. WATTSTOPPER BZ-250 OR EQUAL.

LOW VOLTAGE DEVICE

- WAP — CEILING MOUNTED WIRELESS ACCESS POINT. PROVIDE 10' COILED CABLE ABOVE CEILING, MALE TERMINATION . CABLE TO BE ROUTE FREE WIRE TO SERVING "IT" ROOM.
- 3/4" PLYWOOD BACK BOARD-FIRE RATED
- S — SPEAKER

LOCATION
C = INSTALLED 3" ABOVE COUNTER OR BACK SPLASH
W = INSTALLED 48" AFF TO TOP OF BACK BOX
TV = INSTALLED 72" AFF TO TOP OF BACK BOX

MOUNTING
F = FLUSH MOUNTED
S = SURFACE MOUNTED
M = MODULAR FURNITURE ADAPTER

= NUMBER OF DATA JACKS

LOCATION
TV = INSTALLED 72" AFF TO TOP OF BACK BOX

-120V POWER CONNECTION.
-1"C STUB UP ABOVE CEILING FOR DATA.
-1-1/4"C STUB UP ABOVE CEILING FOR AV.

SECURITY CAMERAS

WALL MOUNTED FIXED CAMERA ROUGH-IN LOCATION. (WALL MOUNTED AT 8'-0" AFF.) PROVIDE BACKBOX WITH COVER, 3/4" CONDUIT, TO NEAREST COMM ROOM. PROVIDE 10' COILED CABLE ABOVE CEILING WITH MALE TERMINATION FOR CAMERA . COORDINATE LOCATION WITH ARCHITECTURAL PLANS. CAMERAS WILL BE PROVIDED BY OWNER.

CEILING MOUNTED FIXED CAMERA ROUGH-IN LOCATION (CEILINGS 9'-0" AFF AND LESS THAN). PROVIDE BACKBOX WITH COVER, AND CAT 6 CABLE FREE WIRE TO NEAREST COMM ROOM. PROVIDE 10' COILED CABLE ABOVE CEILING WITH MALE TERMINATION FOR CAMERA . COORDINATE LOCATION WITH ARCHITECTURAL AND CEILING PLANS. WP = WEATHER PROOF.CAMERAS WILL BE PROVIDED BY OWNER.

* THE FOLLOWING ARE APPLICABLE TO THE ABOVE VIDEO SURVEILLANCE SYSTEM:

(D) 90 VLN (DOME/1-LENSE)-
(E) 360 MULTI-SENSOR,4-LENSE)
(F) 180-(DUAL/2-LENSE)

1 / E201 — VIEW NUMBER / DRAWING NUMBER WHERE DRAWN

A / E201 — SELECTION LETTER / DRAWINGNUMBER WHERE DRAWN

1 / E201 / E201 — DETAIL NUMBER; TITLE; SCALE; DETAIL TITLE REFERENCE; SHEET NUMBER WHERE DETAIL IS REFERENCED; ADDITIONAL SHEET REFERENCES

NOTE: NO ALL ABBREVIATION AND SYMBOLS ARE USED WITHIN THIS PROJECT

SCOPE OF WORK

- PROVIDE NEW OUTLETS,DATA DEVICES, LIGHTS FIXTURES, AND SWITCHES IN THE SPACE.
- PROVIDE NEW LIGHTING AND LIGHTING CONTROLS.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR CONTACTING THE OFFICES OF ALL LOCAL/OR STATE AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT IN ORDER TO SCHEDULE ALL REQUIRED INSPECTIONS AND OBTAIN ALL NECESSARY PERMITS ETC.

ELECTRICAL SHEET INDEX

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E501	ELECTRICAL RISER DIAGRAM
E701	ELECTRICAL PANEL SCHEDULES
E801	ELECTRICAL DETAILS
E802	ELECTRICAL DETAILS

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SEAL

DIGITAL SIGNATURE

REVISIONS:

CONTRACT DOCUMENTS FOR:
SUNRISE EVENT CENTER
FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

ELECTRICAL GENERAL NOTES & LEGENDS

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
100%CD	03/27/26	NL/DG

THIS DRAWING HAS BEEN ISSUED ON THE DATE SHOWN & FOR THE PURPOSE NOTED

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JOB FILE NUMBER:
25-124

E001

ELECTRICAL SPECIFICATIONS

GENERAL REQUIREMENTS - DIVISION 16 ELECTRICAL:

A. PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT FOR A COMPLETE AND PROPERLY OPERATING ELECTRICAL SYSTEM. CONFORM TO THE REQUIREMENT OF ALL GOVERNING CODES AND STANDARDS, INCLUDING:
   1. FLORIDA FIRE PREVENTION CODE,EIGHT EDITION 2023
   2. FLORIDA BUILDING CODE,EIGHT EDITION 2023
   3. FLORIDA BUILDING CODE - ENERGY CONSERVATION, EIGHT EDITION 2023.
   4. NFPA 70-2020 EDITION, NATIONAL ELECTRIC CODE.
   5. NFPA 72-2019 EDITION, NATIONAL FIRE ALARM CODE.

VISIT SITE OF PROPOSED PROJECT TO BECOME FAMILIAR WITH THE SCOPE OF WORK PRIOR TO SUBMITTING BIDS. NOTIFY ENGINEER OF DISCREPANCIES OR OMISSIONS FOR INTERPRETATION OR DECISION AND SUCH DECISION SHALL BE FINALINSTALL AND CONNECT PER AND THE REGULATIONS OF THE LOCAL UTILITY TELEPHONE, CABLE TELEVISION AND POWER UTILITY COMPANIES. OBTAIN AND PAY FOR ANY AND ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES OF INSPECTIONS AND APPROVAL, AND THE LIKE, AND DELIVER SUCH CERTIFICATES TO THE OWNER.

SECTION 26 05 00 - COMMON WORK RESULTS FOR ELECTRICAL

1. ALL ELECTRICAL WORK AND MATERIALS SHALL BE IN COMPLIANCE WITH ALL GOVERNING CODES AND STANDARDS. UTILIZE GOOD WORKMANSHIP FOR THE INSTALLATION OF ALL WORK.
2. INSTALL WORK LEVEL, PLUMB, AND TRUE WITH THE BUILDING STRUCTURE AND WALLS. SECURE ALL WORK IN PLACE WITH SUPPORTS THAT ARE SUFFICIENT IN SIZE AND QUANTITY TO PERMANENTLY SUPPORT THE WORK IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
3. THE DEMOLITION OF EXISTING AND/OR THE STOCKING OF NEW BUILDING MATERIALS SHALL NOT HINDER OR INTERFERE WITH EMERGENCY ACCESS TO THE PROPERTY OR VICINITY THEREOF (INCLUDING FIRE LANES).
4. ALL MATERIALS SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY. (IE. UL, CSA, MET, ETC)
5. ALL MATERIALS SHALL BE NEW AND FREE FROM DEFECT, EXCEPT WHERE SPECIFICALLY SHOWN TO REUSE EXISTING MATERIALS.
6. ALL WORK SHALL BE SUITABLE FOR THE ENVIRONMENT THAT IT IS INSTALLED.
7. COORDINATE THE INSTALLATION OF THE UTILITY TRANSFORMER WITH THE APPROPRIATE POWER COMPANY. CONFIRM WITHIN 10 DAYS OF THE AWARD OF CONTRACT THAT THE AVAILABLE FAULT CURRENT AT THE TRANSFORMER SECONDARY BUSHINGS DOES NOT EXCEED THE DESIGNED FAULT CURRENT AT THE SERVICE ENTRANCE EQUIPMENT. NOTIFY THE ENGINEER IMMEDIATELY IF THE DESIGNED FAULT CURRENT IS EXCEEDED.
8. WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SCHEDULE PROVIDED BY THE OWNER/GC. CONTRACTOR SHALL SUPPLY ALL MANPOWER (INCLUDING SHIFT WORK, OVERTIME, AND HOLIDAYS) AND MATERIALS AS REQUIRED TO COMPLY WITH THIS SCHEDULE.
9. VISIT THE SITE OF THE PROPOSED PROJECT TO BECOME FAMILIAR WITH CONDITIONS AND NATURE OF THE WORK PRIOR TO SUBMITTING BIDS. NOTIFY THE ENGINEER OF DISCREPANCIES OR OMISSIONS FOR INTERPRETATION OR DECISION PRIOR TO SUBMITTING BIDS. SUBMISSION OF A PROPOSAL WILL BE EVIDENCE THAT SUCH FAMILIARIZATION HAS BEEN ATTAINED.
10. ANY DEMOLISHED ITEMS SHALL BE DISPOSED OF OR RECYCLED OFF SITE IN ACCORDANCE WITH STATE STATUTES UNLESS NOTED SPECIFICALLY TO BE TURNED OVER TO OWNER.
11. WHERE CONTRACTOR PROPOSES ALTERNATE SOLUTIONS, DIFFERENT ROUTINGS OF CONDUIT, DIFFERENT LOCATIONS OF EQUIPMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OF THE RAMIFICATIONS OF THE PROPOSED CHANGE THAT ARE NOT INCLUDED IN HIS PROPOSAL, BUT BECOME APPARENT AT A LATER DATE, AND SHALL BE RESPONSIBLE FOR ALL COST AND CONSEQUENCES OF CORRECTING ANY AND ALL CONFLICTS, DEFICIENCIES OR PROBLEMS THAT INCREASE COST, INCREASE CONSTRUCTION TIME OR CREATE CODE VIOLATIONS.
12. INFORMATION SHOWN ON THE DRAWINGS AS TO THE LOCATION OF EXISTING EQUIPMENT HAS BEEN PREPARED FROM THE MOST RELIABLE DATA AVAILABLE TO THE ENGINEER. IT IS TO BE UNDERSTOOD THAT UNFORESEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE LOCATED EXACTLY AS SHOWN ON THE DRAWINGS. COORDINATION WITH OTHER TRADES FOR LOCATION AND BURIAL DEPTHS WILL BE REQUIRED AND ANY SUCH REQUIRED DEVIATIONS SHALL BE CONSIDERED PART OF THIS SCOPE OF WORK. SITE UTILITY INFORMATION IS NOT GUARANTEED, THEREFORE THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATIONS AND DEPTHS OF EXISTING UTILITIES PRIOR TO BEGINNING WORK. PROTECT ANY EXISTING UTILITIES TO REMAIN FROM DAMAGE DURING THE COURSE OF CONSTRUCTION.
13. PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT FOR A COMPLETE AND OPERATING ELECTRICAL SYSTEM. THE PLANS AND SPECIFICATIONS ARE INTENDED AS A GENERAL DESCRIPTION OF THE WORK TO BE PERFORMED. ALL ITEMS NOT SPECIFICALLY MENTIONED OR SHOWN, BUT NECESSARY FOR THE COMPLETION OF THE INSTALLATION, SHALL BE FURNISHED AND INSTALLED BY THIS CONTRACTOR. THIS CONTRACTOR SHALL BECOME THOROUGHLY ACQUAINTED WITH THE MECHANICAL, PLUMBING, ARCHITECTURAL, STRUCTURAL, CIVIL AND ELECTRICAL PLANS BEFORE SUBMITTING BIDS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH THE PROJECT.
14. IF, THROUGH ERRORS OR OMISSIONS, THE INTENT OF THE ARCHITECT OR ENGINEER, WITH REGARD TO ANY DETAIL, IS NOT CLEAR OR IS CAPABLE OF MORE THAN ONE INTERPRETATION, SUCH MATTERS WILL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER IN WRITING PRIOR TO SUBMISSION OF A BID. THE ARCHITECT OR ENGINEER SHALL MAKE CORRECTION OR CLARIFICATION IN WRITING. NO ADDITIONAL COMPENSATION WILL BE PERMITTED FOR WORK OR MATERIALS WHICH THE ARCHITECT OR ENGINEER MAY REQUIRE, PROVIDED IT COMES WITHIN A REASONABLE INTERPRETATION OF THE DRAWINGS AND SPECIFICATIONS.
15. PROVIDE TEMPORARY LIGHTING AND POWER FOR THE PROJECT IN ACCORDANCE WITH OSHA STANDARDS. ADEQUATE DISTRIBUTION AND OUTLETS SHALL BE PROVIDED TO POWER ALL CONTRACTORS 120V SINGLE PHASE TOOLS WITHIN 100' OF ALL WORK SPACES.
16. ALL SYSTEMS SHALL BE TESTED FOR PERFORMANCE VERIFICATION IN THE PRESENCE OF THE OWNER, AT THE COMPLETION OF THE PROJECT. ALLOW 4 HOURS FOR TRAINING OWNERS PERSONNEL ON ALL SYSTEMS.
17. THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL EQUIPMENT TO BE COMPLETELY FREE OF INTERNAL DEBRIS, EXTERIOR PAINT/MARKS, AND DIRT.
18. PROVIDE 1 YEAR WARRANTY FOR ALL MATERIALS AND LABOR FROM THE DATE OF CERTIFICATE OF OCCUPANCY.
19. CONTRACTOR PERFORMING ANY PART OF THIS SCOPE OF WORK SHALL BE A STATE CERTIFIED (TYPE E.C. LICENSE) ELECTRICAL CONTRACTOR. PROVIDE FIELD SUPERINTENDENT WHO HAS A MINIMUM OF FOUR (4) YEARS PREVIOUS SUCCESSFUL EXPERIENCE ON PROJECTS OF COMPARABLE SIZE AND COMPLEXITY. SUPERINTENDENT SHALL BE ON THE SITE AT ALL TIMES DURING CONSTRUCTION AND MUST HAVE AN ACTIVE JOURNEYMAN OR MASTER ELECTRICAL LICENSE FOR THE JURISDICTION WHERE THE WORK IS BEING PERFORMED.
20. WORK IS IN CONNECTION WITH EXISTING BUILDINGS WHICH MUST REMAIN IN OPERATION WHILE WORK IS BEING PERFORMED. WORK SHALL BE IN ACCORDANCE WITH THE SCHEDULE REQUIRED BY THE CONTRACT. SCHEDULE WORK FOR MINIMUM OUTAGES ACCEPTABLE TO OWNER. NOTIFY OWNER 72 HOURS IN ADVANCE OF ANY SHUT-DOWN OF EXISTING SYSTEMS. PERFORM WORK DURING NON-SCHOOL OPERATING HOURS UNLESS OTHERWISE ACCEPTED BY OWNER. PROTECT EXISTING BUILDINGS AND EQUIPMENT DURING CONSTRUCTION.
21. THE USE OF ANY PROCESS INVOLVING ASBESTOS OR PCB, AND THE INSTALLATION OF ANY PRODUCT, INSULATION, COMPOUND OF MATERIAL CONTAINING OR INCORPORATING ASBESTOS OR PCB, IS PROHIBITED. THE REQUIREMENTS OF THIS SPECIFICATION FOR COMPLETE AND OPERATING ELECTRICAL SYSTEMS SHALL BE MET WITHOUT THE USE OF ASBESTOS OR PCB.
22. WITHIN 30 DAYS OF SYSTEM ACCEPTANCE, CONTRACTOR IS TO PROVIDE THE OWNER WITH AS-BUILT DRAWINGS OF THE SINGLE LINE DIAGRAM OF THE ELECTRICAL DISTRIBUTION SYSTEM AND FLOOR PLANS INDICATING LOCATIONS OF EQUIPMENT SERVED. ALSO, PROVIDE OPERATIONS AND MAINTENANCE MANUALS FOR EQUIPMENT REQUIRING MAINTENANCE AND THE CONTACT INFORMATION FOR A QUALIFIED SERVICE AGENCY.

SECTION 26 05 53 - IDENTIFICATION FOR ELECTRICAL SYSTEMS

1. PROVIDE CONTINUOUS GROUNDING SYSTEM IN ACCORDANCE WITH NEC 250 AND AS INDICATED.
2. PROVIDE COPPER EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS. SIZE GROUNDING CONDUCTOR IN ACCORDANCE WITH NEC 250.
3. EQUIPMENT GROUND CONDUCTORS SHALL BE INSULATED AND HAVE A CONTINUOUS OUTER FINISH THAT IS GREEN. EQUIPMENT GROUNDING CONDUCTORS LARGER THAN #6AWG SHALL BE PERMITTED TO BE PERMANENTLY IDENTIFIED AT ONLY THOSE POINTS WHERE THE CONDUCTOR IS ACCESSIBLE.
4. INSTALL GROUNDING BUS IN ALL EXISTING PANELBOARDS OF REMODELED AREAS, FOR CONNECTION OF NEW GROUNDING CONDUCTORS, CONNECTED TO BUILDING GROUNDING ELECTRODE.

SECTION 26 08 16 - DEMONSTRATION OF COMPLETED ELECTRICAL SYSTEMS

1. DEMONSTRATE TO THE OWNER THE ESSENTIAL FEATURES OF THE FOLLOWING ELECTRICAL SYSTEMS:
   A. LIGHTING FIXTURES, EXIT AND EGRESS FIXTURES (INCLUDING RELAMPING AND REPLACING LENSES)
   B. CIRCUIT BREAKERS
   C. SWITCHES
2. DEMONSTRATION
   A. DEMONSTRATE THE FUNCTION AND LOCATION (IN THE STRUCTURE) OF EACH SYSTEM, AND INDICATE ITS RELATIONSHIP TO THE RISER DIAGRAMS AND DRAWINGS.
   B. DEMONSTRATE BY "START-STOP" / "ON - OFF" OPERATION, HOW TO WORK THE CONTROLS, HOW TO RESET PROTECTIVE DEVICES, HOW TO REPLACE FUSES, AND WHAT TO DO IN CASE OF EMERGENCY.

SECTION 26 05 33 - RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS

1. ALL WIRING SHALL BE INSTALLED IN ADEQUATELY SIZED CONDUIT UNLESS OTHERWISE NOTED. USE ¾" MINIMUM FOR ALL CONDUITS.
2. CONCEAL ALL CONDUITS IN WALLS, ABOVE FINISHED CEILING, IN FLOOR SLABS AND UNDERGROUND EXCEPT IN MECHANICAL AND ELECTRICAL ROOMS.
3. CREATE ALL OPENINGS FOR CONDUIT PENETRATIONS THROUGH WALLS, SLABS, AND ROOF OPENINGS. SEAL ALL PENETRATIONS APPROPRIATELY. PROVIDE PROPER FIRE PENETRATION SEALING OF ALL OPENINGS THROUGH FIRE RATED WALLS, CEILING, AND FLOORS IN ACCORDANCE WITH THE APPROPRIATE UL LISTED FIRE PENETRATION DETAILS.
4. COORDINATE THE INSTALLATION OF ALL CONDUITS WITH STRUCTURAL, MECHANICAL, PLUMBING, AND OTHER CONTRACTORS PRIOR TO INSTALLATION.
5. EMT SHALL BE USED FOR ALL INTERIOR WORK EXCEPT USE GRC WHERE CONDUIT IS SUBJECT TO DAMAGE. STEEL SET SCREW INSULATED THROAT FITTINGS SHALL BE USED IN DRY LOCATIONS. STEEL COMPRESSION INSULATED THROAT FITTINGS SHALL BE USED IN WET OR DAMP LOCATIONS.
6. USE FLEXIBLE METAL CONDUIT IN DRY LOCATIONS AND LIQUIDTITE FLEXIBLE METAL CONDUIT IN DAMP OR WET LOCATIONS FOR THE FINAL CONNECTION OF MOTORS, TRANSFORMERS AND OTHER EQUIPMENT WITH VIBRATION.
7. MC CABLE IS NOT PERMITTED ON THIS PROJECT
8. ALL UNUSED OR SPARE CONDUITS SHALL BE CAPPED AND LABELED (OPPOSITE END LOCATION AND USE) AT BOTH ENDS. PROVIDE WITH A PULL STRING.
9. ALL CONDUIT AND CABLE SUPPORTS SHALL BE LISTED AND LABELED FOR THEIR INTENDED INSTALLATION. TIE WIRE SHALL NOT BE UTILIZED FOR SUPPORT
10. PROVIDE OUTLET BOXES THAT ARE 4" SQUARE STEEL WITH PLASTER RING SIZED IN ACCORDANCE WITH THE NEC FOR DRY LOCATIONS. USE MINIMUM 1 ½" DEEP BOXES. COORDINATE THE APPROPRIATE RING TYPE WITH THE DEVICE OR FIXTURE TO BE INSTALLED.
11. PROVIDE OUTLET BOXES THAT ARE CAST ALUMINUM WITH THREADED HUBS FOR EXPOSED DAMP OR WET LOCATIONS.
12. USE NEMA 1 RATED BOXES FOR PULL BOXES IN DRY LOCATIONS. USE NEMA 3R RATED BOXES FOR ALL EXTERIOR ABOVE GROUND PULL BOXES. USE STAINLESS STEEL OR PVC BOXES IF EXPOSED TO CORROSIVE ENVIRONMENT
13. COORDINATE ALL POWER AND SYSTEM DEVICE BOX LOCATIONS SO THAT THEY ARE LOCATED AT THE SAME HEIGHT WHEN LOCATED ADJACENT TO EACH OTHER.
14. THIS CONTRACTOR SHALL GET FINAL APPROVAL FROM THE ENGINEER FOR THE LOCATIONS OF ALL LIGHT FIXTURES, POWER OUTLETS, AND SYSTEM DEVICES PRIOR TO THE INSTALLATION OF BOXES AND CONDUIT.
15. ITEMS LOCATED IN TILE SURFACES SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE DIMENSIONS GIVEN AND SHALL BE HORIZONTALLY AND VERTICALLY CENTERED AND ALIGNED WITH THE TILE JOINTS.
16. LOCATE CEILING MOUNTED ITEMS AS SHOWN ON THE PLANS. WHERE ITEMS ARE NOT SHOWN ON THE PLAN, CONSULT THE ENGINEER AND LOCATE ACCORDINGLY.
17. INSTALL FIXTURE BOXES ABOVE DOORS A MINIMUM OF 1" FROM THE BOTTOM OF THE BOX OR FIXTURE TO THE TOP OF THE DOOR FRAME. PRIOR TO BOX INSTALLATION, VERIFY THAT THERE IS SUFFICIENT WALL SPACE ABOVE THE DOOR IS AVAILABLE FOR THE ITEM TO BE INSTALLED.
18. THE CONTRACTOR SHALL VERIFY THE EXACT DIRECTION OF ALL DOOR SWINGS PRIOR TO THE ROUGH IN OF BOXES MOUNTED IN WALLS.
19. THE CONTRACTOR SHALL IDENTIFY WITH PERMANENT MARKINGS INDICATING PANEL DESIGNATION AND CIRCUIT NUMBER FOR ALL JUNCTION BOXES AND PULL BOXES.

SECTION 26 05 53 - IDENTIFICATION FOR ELECTRICAL SYSTEMS

1. PROVIDE ENGRAVED LABELS FOR ALL LOADCENTERS, PANELBOARDS, DISTRIBUTION PANELBOARDS, SWITCHBOARDS, SWITCHBOARD/DISTRIBUTION PANEL MOUNTED CIRCUIT BREAKERS, DISCONNECT SWITCHES AND TRANSFORMERS THAT IDENTIFY THE ITEM OR LOAD SERVED, VOLTAGE, AMPERAGE AND WHERE IT ORIGINATES. SCREWS SHALL BE USED TO ATTACH THE LABELS (DO NOT USE TAPE OR ADHESIVE). FIRST LINE SHALL HAVE WHITE 3/8" LETTERS AND ALL OTHER LINES SHALL BE ¼" LETTERS. LABELS SHALL BE BLACK FOR "NORMAL POWER" AND RED FOR "EMERGENCY POWER".
2.
3. TYPED CIRCUIT DIRECTORIES SHALL BE PROVIDED FOR EACH LOADCENTER OR PANELBOARD INDICATING THE LOAD SERVED AND ROOM IDENTIFICATION.
4. LABEL EACH JUNCTION BOX WITH INDELIBLE MARKER AS TO THE SYSTEM WITHIN OR CIRCUIT NUMBERS CONTAINED WITHIN.
4. POWER CONDUCTORS SHALL BE LABELED WITH VINYL OR VINYL-CLOTH, SELF ADHESIVE, WRAPAROUND TYPE LABELS WITH PREPRINTED NUMBERS AND LETTERS TO INDICATE THE PANEL AND CIRCUIT NUMBER OF EACH CONDUCTOR.
5. GROUNDED CONDUCTORS #6 AWG AND SMALLER SHALL BE IDENTIFIED BY A CONTINUOUS WHITE OUTER FINISH FOR 240 OR 208 V SYSTEMS AND SHALL BE IDENTIFIED BY A CONTINUOUS GRAY OUTER FINISH FOR 480V SYSTEMS. THIS IDENTIFICATION SHALL BE PERMANENTLY POSTED AT EACH BRANCH CIRCUIT PANELBOARD OR DISTRIBUTION EQUIPMENT.
6. GROUNDED CONDUCTORS LARGER THAN #6 AWG SHALL BE IDENTIFIED AT THE TIME OF INSTALLATION BY A DISTINCTIVE WHITE MARKING AT ITS TERMINATION FOR 240v OR 208v SYSTEMS AND SHALL BE INDENTIFIED BY A DISTINCTIVE GRAY MARKING AT ITS TERMINATION FOR 480v SYSTEMS. THIS MARKING SHALL ENCIRCLE THE CONDUCTOR OR INSULATION.
7. 8.
7. THE FOLLOWING COLOR CODING SHALL BE UTILIZED FOR ALL CURRENT CARRYING CONDUCTORS. CONTINUOUS COLOR CODED INSULATION SHALL BE BLACK, RED, BLUE FOR 240V OR 208 V SYSTEMS AND BROWN, ORANGE, YELLOW FOR 480V SYSTEMS. 1" WIDE COLORED TAPE ENCIRCLING THE CONDUCTOR EVERY 2" FOR THE ENTIRE EXPOSED CONDUCTOR MAY BE UTILIZED FOR COLOR CODING CONDUCTORS LARGER THAN #6 AT EACH ACCESSIBLE POINT AND AT EACH TERMINATION POINT IN LIEU OF CONTINUOUS COLOR CODING.
8. MC CABLE IS NOT PERMITTED.

SECTION 26 05 19 -LOW VOLTAGE ELECTRICAL CONDUCTORS AND CABLES

1. MANUFACTURERS:
   A. AMERICAN INSULATED WIRE CORP, LEVITON COMPANY
   B. SENATOR WIRE & CABLE COMPANY
   C. SOUTHWIRE COMPANY
2. STANDARDS:
   A. CONDUCTOR AND CABLE MARKINGI COMPLY WITH WIRE AND CABLE MARKING ACCORDING TO UL "WIRE AND CABLE MAKING AND APPLICATION GUIDE".
3. WIRES AND CABLE
   A. ALL CONDUCTORS, BUS BARS, PULL WIRES ETC, SHALL BE COPPER. CONDUCTORS 600V OR BELOW SHALL HAVE THHN, THWN, OR XHHW INSULATION.
   B. ALL BUILDING WIRING MUST BE MINIMUM OF #12 AWG, CLASS B STRANDED COPPER.
   C. MC , BX, OR AC CABLE ARE NOT PERMITTED UNLESS PRIOR APPROVAL BY OWNER.
   D. WIRE INSULATION MUST COMPLY WITH THE FOLLOWING COLOR CODING:

120/208V 3PH		120/240V 3PH (HI LEG)		277/480V 3PH	
PHASE A	BLACK	PHASE A	BLACK	PHASE A	BROWN
PHASE B	RED	PHASE B	ORANGE	PHASE B	ORANGE
PHASE C	BLUE	PHASE C	BLUE	PHASE C	YELLOW
NEUTRAL	WHITE	NEUTRAL	WHITE	NEUTRAL	GRAY
GROUND	GREEN	GROUND	GREEN	GROUND	GREEN

SECTION 26 29 13-MANUAL AND MAGNETIC MOTOR CONTROLLERS

GENERAL REQUIREMENTS - DIVISION 16 ELECTRICAL:

1. MANUFACTURERS:
   A. HUBBEL INCORPORATED, WIRING DEVICE-KELLEMS (HUBBEL)
   B. LEVITON MFG COMPANY INC
2. COMPLY WITH NEMA ICS 2, GENERAL PURPOSE, CLASS A.
3. CONFIGURATION: NON-REVERSING, TWO SPEED, RED PILOT LIGHT.
4. OVERLOAD RELAYS: INVERSE-TIME CURRENT CHARACTERISTICS, NEMA ICS 2, CLASS 10 TRIPPING CHARACTERISTICS, HEATERS MATCH O NAMEPLATE FULL LOAD CURRENT OF ACTUAL PROTECTED MOTOR, EXTERNAL RESET PUSH BUTTON; MELTING ALLOW TYPE OR BIMETALLIC CLASS.
5. OVERLOAD RELAY: NEMA ICS 2 , BIMETALLIC CLASS.

SECTION 26 27 26 -WIRING DEVICES

1. MANUFACTURERS:
   A. PASS & SEYMORE/ LEGRAND WIRING DEVICES
   B. HUBBEL INCORPORATED, WIRING DEVICE-KELLEMS (HUBBEL)
   C. LEVITON MFG COMPANY INC
2. GFCI RECEPTACLES
   A. STRAIGHT BLADE, FEED THROUGH TYPE . COMPLY WITH NEMA WD 1, NEMA WD 6, UL 498 AND UL 943, CLASS A AND INCLUDE INDICATOR LIGHT THAT IS LIGHTED WHEN TRIPPED.
   B. DUPLEX GFCI CONVENIENCE RECEPTACLES, 125V, 20A ARE SUBJECT TO COMPLIANCE WITH REQUIREMENTS PROVIDED BY ONE OF THE FOLLOWINGS:
      - COOPER, GF20
      - PASS & SEYMOUR 2084.

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DAVID GONZALEZ
LICENSE
No 98464
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
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SEAL

DIGITAL SIGNATURE

REVISIONS:

CONTRACT DOCUMENTS FOR:
SUNRISE EVENT CENTER
FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
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DWG IDENTIFICATION

ELECTRICAL SPECIFICATIONS

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
100%CD	03/27/26	NL/OG

THIS DRAWING HAS BEEN ISSUED ON THE DATE SHOWN & FOR THE PURPOSE NOTED

JOB FILE NUMBER:
25-124

E002

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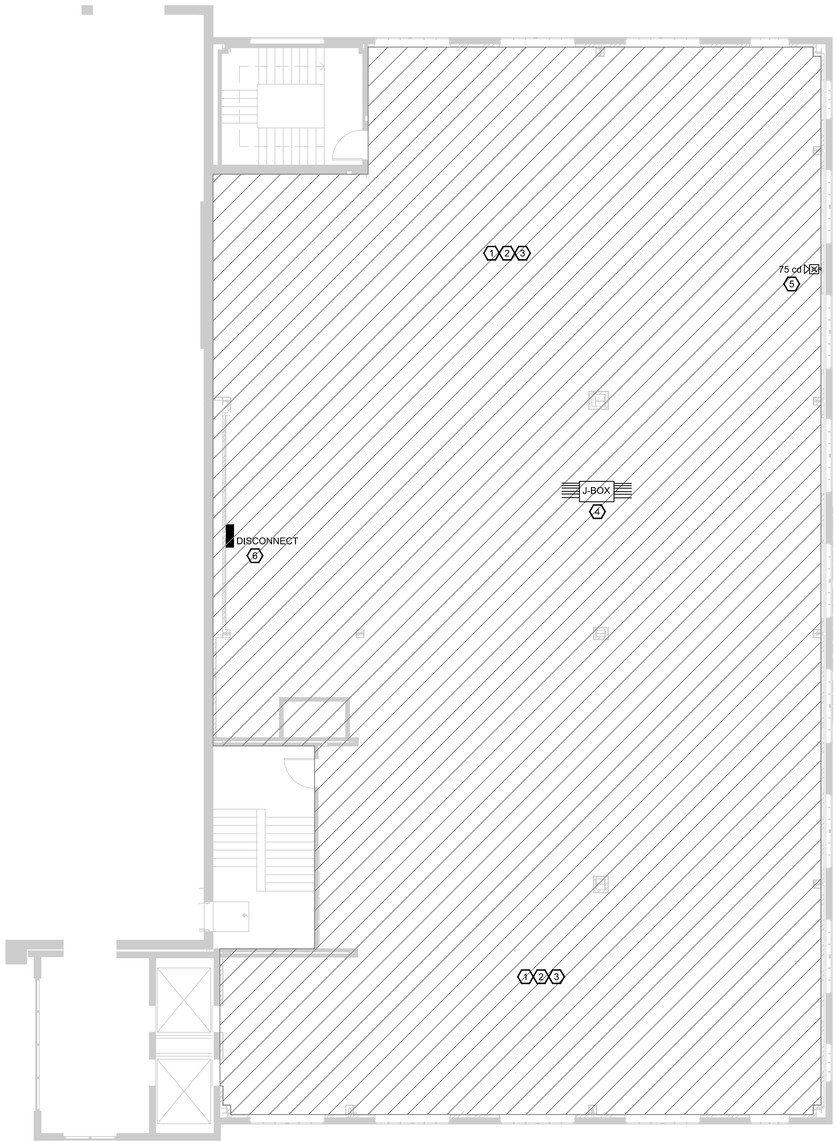
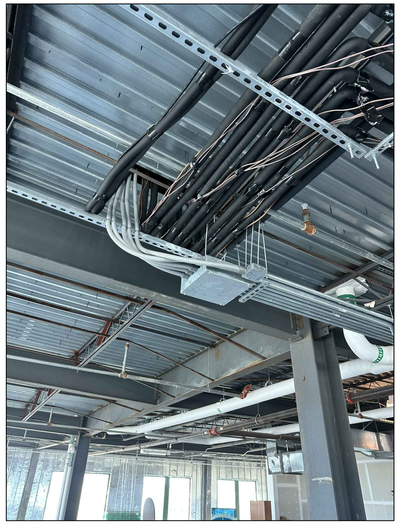
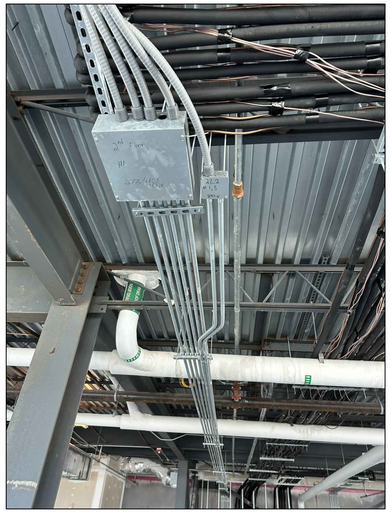


①ELECTRICAL POWER DEMO FLOOR PLAN
SCALE:1/8" = 1'-0"



②ELECTRICAL (EMT) RACEWAY
SCALE:NTS



③ELECTRICAL (EMT) RACEWAY
SCALE:NTS

GENERAL NOTES

a. REFER TO SHEET E001 AND E002 FOR ELECTRICAL GENERAL NOTES AND SYMBOLS LEGEND.

b. REFERENCE MECHANICAL DRAWINGS FOR FULL EXTENT OF DEMOLITION WORK AND PHASING. NOTIFY ENGINEER AND OWNER, AS APPLICABLE, OF ANY CONFLICTS OR DISCREPANCIES BETWEEN DRAWINGS AND JOB SITE CONDITIONS PRIOR TO SUBMITTING BID.

c. NOT ALL EXISTING/DEMOLISHED EQUIPMENT, LIGHT FIXTURES, DEVICES OR RACEWAYS WILL BE SHOWN ON THE DRAWINGS. COORDINATE ELECTRICAL REQUIREMENTS FOR REMODELED/RENOVATED SPACES WITH THE OWNER. SUPPORT ALL EXISTING TO REMAIN EQUIPMENT, CABLES, RACEWAYS AND DEVICES IN ACCORDANCE WITH THE CODE.

d. AVOID DAMAGING FACILITIES, INCLUDING EQUIPMENT, LIGHT FIXTURES AND DEVICES THAT ARE EXISTING TO REMAIN, NEW OR REUSED. REPAIR ALL DAMAGE CAUSED DURING WORK AT NO EXTRA COST TO THE OWNER.

e. WHERE DEMOLITION WORK INTERRUPTS ELECTRICAL CONTINUITY OF CIRCUITS THAT ARE TO REMAIN IN USE, PROVIDE NECESSARY DEVICES AND RELATED CIRCUITRY TO MAINTAIN ELECTRICAL CONTINUITY IN ACCORDANCE WITH OWNER REQUIREMENTS. RECIRCUIT REUSED ELECTRICAL EQUIPMENT, LIGHT FIXTURES AND WIRING DEVICES PREVIOUSLY POWERED FROM DEMOLISHED EQUIPMENT TO NEW OR TEMPORARY EQUIPMENT AS NEEDED.

f. NOT ALL CIRCUITS AND DEVICES ARE INDICATED. FOR EACH DEVICE INDICATED FOR DEMOLITION THERE IS A CIRCUIT OR FEEDER BACK TO THE PANEL BOARD OR POINT OF ORIGIN . ALL CIRCUITS AND DEVICES SHALL BE DEMOLISHED UNLESS NOTED OTHERWISE. CONTRACTOR TO TRACE ALL CIRCUIT PRIOR TO DEMOLITION.

g. DURING THE LIFE OF THE CONTRACT (CONSTRUCTION AND DEMOLITION TO POINT OF BENEFICIAL OCCUPANCY BY OWNER), THE CONTRACTOR SHALL PROTECT ALL SYSTEMS OR PORTIONS OF SYSTEMS TO REMAIN FOR REUSE FROM DAMAGE. ALL SYSTEMS SHALL BE TESTED IN SERVICE AFTER COMPLETION OF THE CONTRACT AND MADE COMPLETE AND OPERABLE AT NO ADDITIONAL COST TO THE GOVERNMENT.

h. COORDINATE DISCONNECTION OF POWER TO EQUIPMENT BEING DEMOLISHED/REMOVED/RELOCATED WITH OTHER TRADES PRIOR TO START OF WORK. ALL ELECTRICAL EQUIPMENT, LIGHT FIXTURES, RACEWAYS, WIRING DEVICES AND RELATED CIRCUITRY NOT BEING REUSED SHALL BE REMOVED IN ALL ACCESSIBLE AREAS AND IN FLOORS/WALLS/CEILINGS THAT ARE TO BE REMOVED, UNLESS NOTED OTHERWISE. AS ALLOWED BY OWNER, UNUSED ELECTRICAL EQUIPMENT, RACEWAYS AND RELATED CIRCUITRY THAT ARE INACCESSIBLE MAY BE ABANDONED IN PLACE AND SHALL BE PERMANENTLY DISCONNECTED FROM ALL POWER SOURCES, INSULATED FROM CONTACT WITH OTHER LIVE ELECTRICAL WIRING/DEVICES, AND IDENTIFIED AT THE TERMINATIONS AS NO LONGER BEING IN SERVICE.

i. ALL SYMBOLS SHOWN IN LIGHT COLOR ARE EXISTING TO REMAIN. ALL SYMBOLS IN DASH LINES OR DARK COLOR ARE EXISTING TO BE REMOVED.

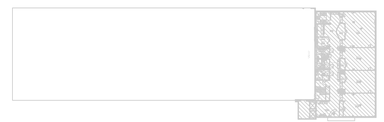
j. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS, AS APPLICABLE. REVIEW THE LANDLORD CRITERIA, GENERAL NOTES, OTHER TRADE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT AND ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMITTING BID.

k. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC/SCHEMATIC IN NATURE AND REPRESENT THE GENERAL SCOPE OF WORK. IT IS NOT WITHIN THE SCOPE OF THE ELECTRICAL DRAWINGS TO SHOW ALL NECESSARY RACEWAY ROUTING, BENDS, OFFSETS, PULL BOXES AND OBSTRUCTIONS. CONTRACTOR SHALL COORDINATE THE FINAL LOCATION OF EQUIPMENT AND WIRING DEVICES WITH OTHER TRADES PRIOR TO INSTALLATION AND INSTALL ALL WORK TO CONFORM TO THE OWNER REQUIREMENTS.

l. DRAWINGS WERE CREATED FROM EXISTING AS-BUILTS AND ARE INTENDED TO SHOW GENERAL CONDITIONS . CONTRACTOR MUST PERFORMED A CIRCUIT TRACE AND IDENTIFY SOURCE PRIOR DEMOLITION.

(#) PLAN KEY NOTES

1. DEMOLISH SAFETY SWITCHES, CONTROL PANELS, LIGHT FIXTURES, EXIT SIGNS, AND WALL SWITCHES REMOVE BACKBOXES ON WALLS BEING REMOVED. REMOVE ALL ASSOCIATED BRANCH CIRCUIT (CONDUIT AND WIRE) BACK TO SOURCE.
2. DEMOLISH EXISTING RECEPTACLES, J-BOX AND SERVICES DISCONNECT SWITCHES IN THE SPACE. REMOVE EXISTING BRANCH CIRCUIT (CONDUIT AND WIRE) BACK TO SOURCE.
3. DEMOLISH EXISTING LIGHTING IN THE SPACE. REMOVE EXISTING BRANCH CIRCUIT (CONDUIT AND WIRE) BACK TO SOURCE.
4. ROUTE ALL ELECTRICAL CONDUITS ABOVE ROOF DRAIN PIPING WHERE FEASIBLE. INSTALL CONDUITS TIGHT TO STRUCTURE AND COORDINATE WITH ALL TRADES. DO NOT INSTALL CONDUITS BELOW PIPING WITHOUT ENGINEER APPROVAL. FIELD VERIFY AND COORDINATE PRIOR TO INSTALLATION. REFER TO PHOTOS 2 & 3 ON THIS SHEET.
5. EXISTING WALL MOUNT FIRE ALARM DEVICE TO BE REPLACED WITH CEILING MOUNTED.
6. EXISTING 400A SERVICE DISCONNECT MUST BE REMOVED, CAP AND RELOCATE EXISTING 4"C BACK TO NEW ELECTRICAL ROOM. REFER TO SHEET E201 FOR FINAL LOCATION.



④KEYPLAN
SCALE:N.T.S.

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ELECTRICAL POWER DEMO FLOOR PLAN

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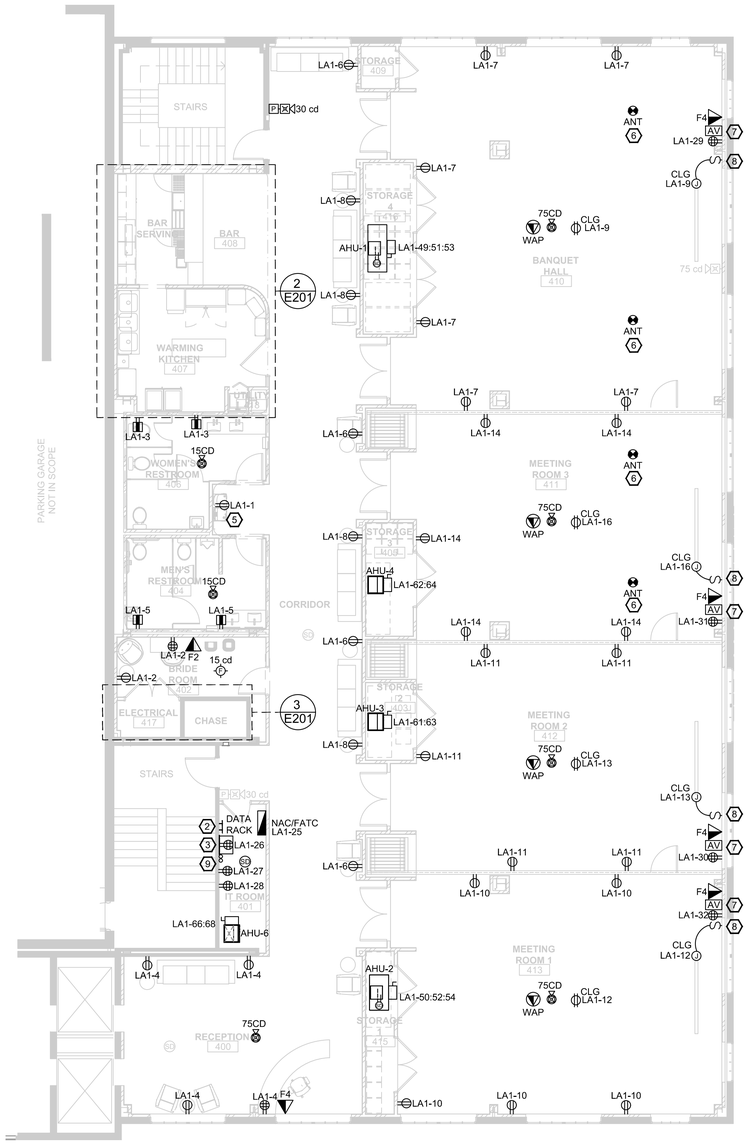
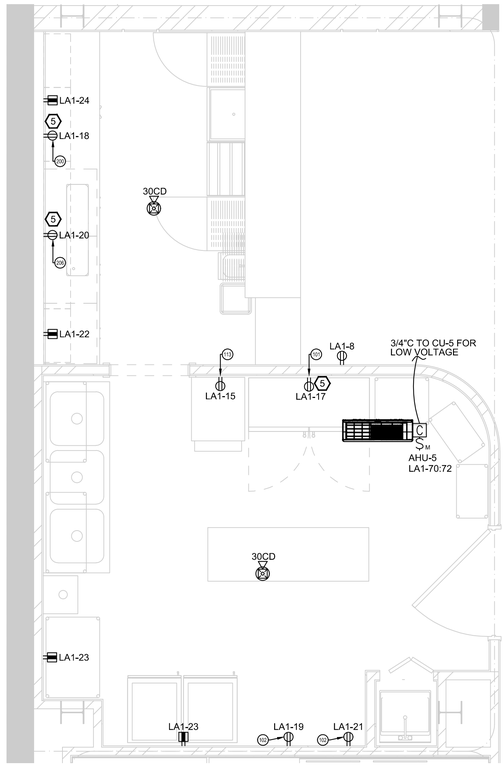
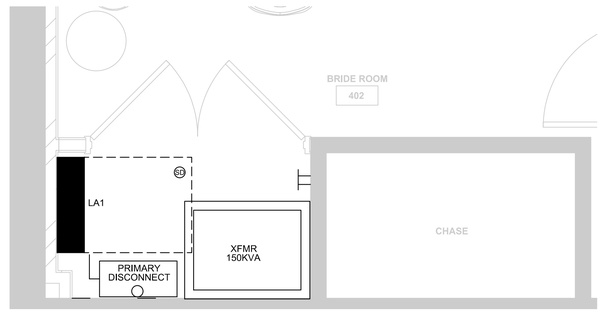
ED201



1 ELECTRICAL POWER RENO FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 ELECTRICAL POWER RENO FLOOR PLAN
SCALE: 3/8" = 1'-0"



3 ELECTRICAL POWER RENO FLOOR PLAN
SCALE: 1/2" = 1'-0"

GENERAL NOTES

a. REFER TO SHEET E001 AND E002 FOR ELECTRICAL SPECIFICATIONS AND SYMBOLS LEGEND.

b. PRIOR TO SUBMITTING BID, AS APPLICABLE, REVIEW THE LANDLORD CRITERIA, GENERAL NOTES, OTHER TRADE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT AND ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMITTING BID.

c. ALL WORK SHALL CONFORM TO ALL LOCAL CODES AND ORDINANCES AS WELL AS APPLICABLE INDUSTRY STANDARDS. ALL EQUIPMENT SHALL BEAR LABELS FOR THE USE INTENDED BY AN AHJ ACCEPTED NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL), SUCH AS UL OR ETL. THE FINAL ELECTRICAL INSTALLATION OF THE FACILITY OCCUPIED BY OWNER SHALL BE FREE FROM ELECTRICAL DEFECTS TO THE SATISFACTION OF THE AHJ, OWNER, ARCHITECT AND ENGINEER.

d. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC/SCHEMATIC IN NATURE AND REPRESENT THE GENERAL SCOPE OF WORK. IT IS NOT WITHIN THE SCOPE OF THE ELECTRICAL DRAWINGS TO SHOW ALL NECESSARY RACEWAY ROUTING, BENDS, OFFSETS, PULL BOXES AND OBSTRUCTIONS. CONTRACTOR SHALL COORDINATE THE FINAL LOCATION OF EQUIPMENT AND WIRING DEVICES WITH OTHER TRADES PRIOR TO INSTALLATION AND INSTALL ALL WORK TO CONFORM TO THE OWNER REQUIREMENTS.

e. SEAL ALL PENETRATIONS THOUGHT FIRE-RATED ASSEMBLIES AS NECESSARY TO RESTORE FIRE RESISTANCE RATING OF ASSEMBLY. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR RATED ASSEMBLIES AND FIRE STOPPING MATERIALS.

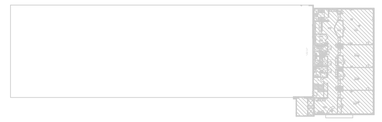
f. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. COORDINATE ALL TRADES TO AVOID CONFLICT WITH OTHER DISCIPLINES.

(#) PLAN KEY NOTES

1. PROVIDE NEW PANELBOARD. PROVIDE NEW FEEDER (CONDUIT AND WIRE) BACK TO SOURCE. REFER TO RISER DIAGRAM ON SHEET E501 FOR MORE INFORMATION.
2. PROVIDE NEW 2 POST IDF DATA RACK. REFER TO DETAIL 2 ON SHEET E801 FOR MORE INFORMATION.
3. PROVIDE NEW TELECOMMUNICATION MAIN GROUND BAR.
4. PROVIDE NEW DUCT SMOKE DETECTOR . PROVIDE FANS SHUTDOWN RELAYS AND ACCESSORIES AS REQUIRED BELOW CEILING.
5. EQUIPMENT THAT ISN'T READILY ACCESSIBLE WILL BE PROTECTED FROM THE PANELBOARD WITH GFI PROTECTION.
6. PROVIDE NEW ANTENNA WITH A MINIMUM OF 6'-0" APART OF EACH OTHER FOR WIRELESS MICROPHONES.
7. PROVIDE 4" SQUARE X 2-1/8" DEEP BACK BOX WITH SINGLE-GANG MUD RING AT AV/COMPUTER LOCATION. PROVIDE (1) 1-1/4" CONDUIT FROM AV BACK BOX TO PROJECTOR LOCATION ABOVE ACCESSIBLE CEILING SPACE. INSTALL CONDUIT WITH LONG SWEEP BENDS AND NO MORE THAN TWO (2) 90° BENDS. PROVIDE PULL STRING IN CONDUIT.
8. PROVIDE NEW WALL SWITCH FOR MOTORIZED PROJECTOR SCREEN. COORDINATE FINAL LOCATION WITH ARCHITECTURAL PLANS. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE PROJECTOR SCREEN INSTALLATION TO ENSURE ADEQUATE CLEARANCE ABOVE SCREEN HOUSING FOR INSTALLATION, OPERATION, AND MAINTENANCE. DO NOT INSTALL SCREEN WHERE OBSTRUCTED BY STRUCTURE, DUCTWORK, PIPING, OR OTHER BUILDING SYSTEMS.
9. PROVIDE (2) 4" CONDUITS FROM NEW IT ROOM LOCATED ON 4TH FLOOR TO IDF ROOM ON 3RD FLOOR. ROUTE CONDUITS CONTINUOSLY WITH LONG SWEEP BENDS. TERMINATE CONDUITS ABOVE ACCESSIBLE CEILING IN IDF ROOM AND INTO RACK LOCATION IN IT ROOM. PROVIDE PULL STRING IN EACH CONDUIT. COORDINATE EXACT ROUTING AND TERMINATION HEIGHTS WITH ARCHITECTURAL AND STRUCTURAL CONDITIONS.

EQUIPMENT SCHEDULE

ITEM NO.	QTY	EQUIPMENT CATEGORY	AMP	VOLTS	PH	CYCLE	DIREC	PLUG	NEMA
101	1	REFRIGERATOR, REACH-IN	2.3	115	1	60		X	5-15P
102	2	HEATED CABINET, MOBILE	1.9	115	1	60		X	5-20P
113	1	ICE MAKER W/O BIN	10.6	115	1	60			
200	1	BACK BAR COOLER - GLASS DOOR	2.3	115	1	60		X	5-15P
206	1	DROP-IN, COLD PAN	1.9	120	1	60		X	5-15P



4 KEYPLAN

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This item has been digitally signed and sealed by DAVID GONZALEZ on the date adjacent to the seal. Signature must be verified on any electronic copies.

DAVID GONZALEZ — No 98464 — STATE OF FLORIDA — PROFESSIONAL ENGINEER
2026.03.27 09:48:25 -04'00'
SEAL

DIGITAL SIGNATURE

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DWG IDENTIFICATION
ELECTRICAL POWER RENO FLOOR PLAN

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
100%CD	03/27/26	NL/DG

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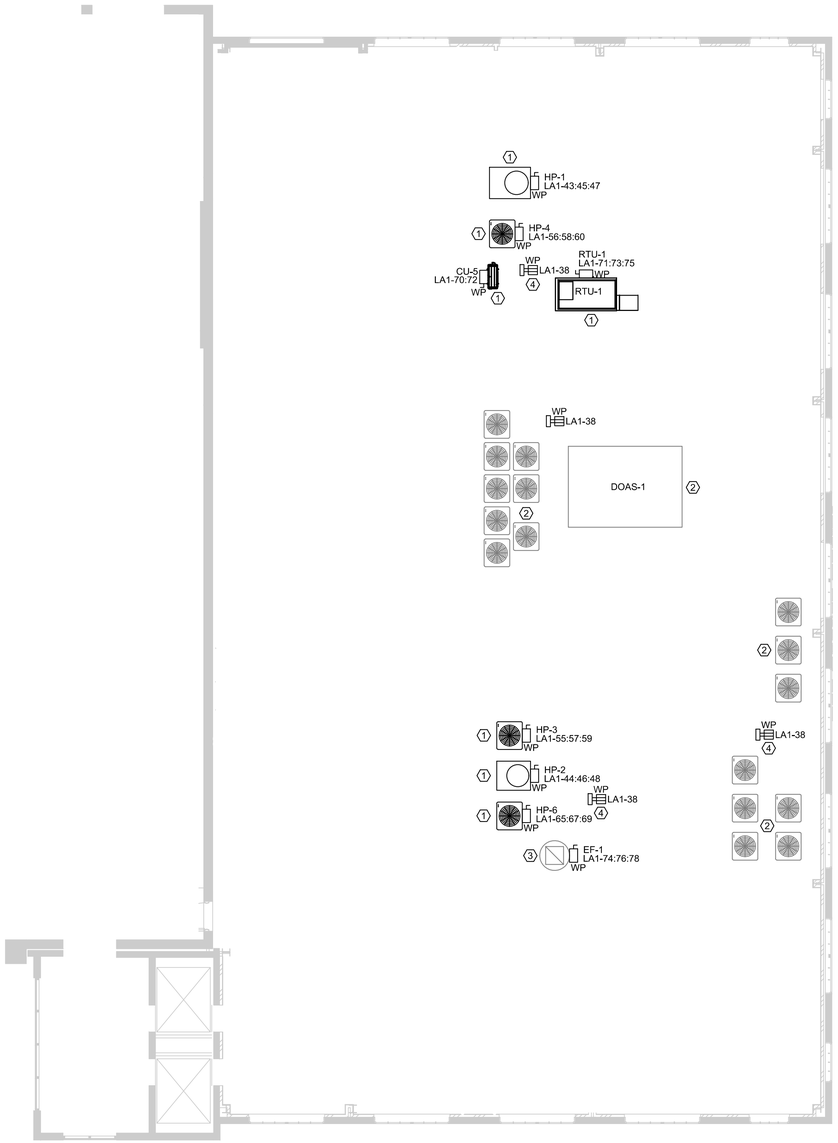
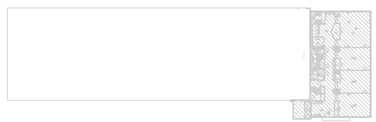


ELECTRICAL POWER ROOF PLAN
SCALE: 1/8" = 1'-0"



KEYPLAN

GENERAL NOTES

a. REFER TO SHEET E001 AND E002 FOR ELECTRICAL SPECIFICATIONS AND SYMBOLS LEGEND.

b. PRIOR TO SUBMITTING BID, AS APPLICABLE, REVIEW THE LANDLORD CRITERIA, GENERAL NOTES, OTHER TRADE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT AND ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMITTING BID.

c. ALL WORK SHALL CONFORM TO ALL LOCAL CODES AND ORDINANCES AS WELL AS APPLICABLE INDUSTRY STANDARDS. ALL EQUIPMENT SHALL BEAR LABELS FOR THE USE INTENDED BY AN AHJ ACCEPTED NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL), SUCH AS UL OR ETL. THE FINAL ELECTRICAL INSTALLATION OF THE FACILITY OCCUPIED BY OWNER SHALL BE FREE FROM ELECTRICAL DEFECTS TO THE SATISFACTION OF THE AHJ, OWNER, ARCHITECT AND ENGINEER.

d. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC/SCHEMATIC IN NATURE AND REPRESENT THE GENERAL SCOPE OF WORK. IT IS NOT WITHIN THE SCOPE OF THE ELECTRICAL DRAWINGS TO SHOW ALL NECESSARY RACEWAY ROUTING, BENDS, OFFSETS, PULL BOXES AND OBSTRUCTIONS. CONTRACTOR SHALL COORDINATE THE FINAL LOCATION OF EQUIPMENT AND WIRING DEVICES WITH OTHER TRADES PRIOR TO INSTALLATION AND INSTALL ALL WORK TO CONFORM TO THE OWNER REQUIREMENTS.

e. SEAL ALL PENETRATIONS THOUGHT FIRE-RATED ASSEMBLIES AS NECESSARY TO RESTORE FIRE RESISTANCE RATING OF ASSEMBLY. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR RATED ASSEMBLIES AND FIRE STOPPING MATERIALS.

f. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. COORDINATE ALL TRADES TO AVOID CONFLICT WITH OTHER DISCIPLINES.

(#) PLAN KEY NOTES

1. THE DARK-COLORED HVAC UNITS ARE NEW. PROVIDE NEW BRANCH CIRCUIT (CONDUIT AND WIRE) BACK TO SOURCE.
2. THE LIGHT-COLORED HVAC UNITS ARE EXISTING; THEY ARE NOT PART OF THE SCOPE OF WORK. DO NOT TOUCH THEM.
3. EXISTING EF-1, BUT POWER IT FROM THE NEW PANEL AS INDICATED ON SHEET 501
4. PROVIDE NEW WEATHER PROOF RECEPTACLE WITH COVER. PROVIDE NEW BRANCH CIRCUIT (CONDUIT AND WIRE) BACK TO SOURCE. MOUNT RECEPTACLE ON PEDESTAL OR UNIT AS REQUIRED.

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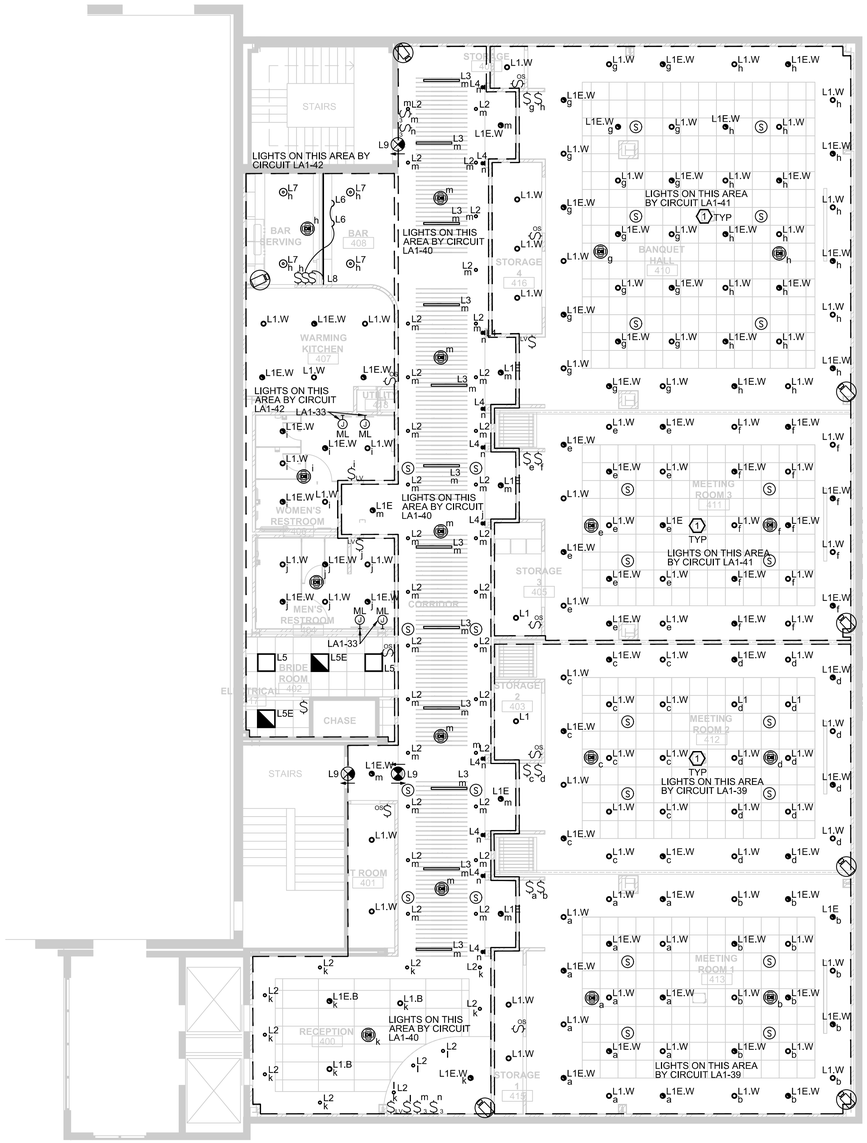


1 ELECTRICAL LIGHTING FLOOR PLAN
SCALE:1/8" = 1'-0"

GENERAL NOTES

a. REFER TO SHEET E001 AND E002 FOR ELECTRICAL GENERAL NOTES AND SYMBOLS LEGEND.

b. LIGHTING CONTROLS PRICING, INCLUDING BUT NOT LIMITED TO THOSE REFERENCED IN ELECTRICAL SPECIFICATIONS, SHALL BE COMPLETELY SEPARATE OF ANY LIGHT FIXTURE PRICING. ANY LIGHTING CONTROLS PRICING THAT IS SUBMITTED WITH LIGHT FIXTURE PRICING (UNIT OR MINI-LOT) WILL BE IMMEDIATELY REJECTED IN ITS ENTIRETY.

c. FOR SUBSTITUTIONS: PROVIDE PHOTOMETRIC CALCULATIONS AND OTHER NECESSARY INFORMATION FOR ENGINEER REVIEW. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

d. COORDINATE LIGHT FIXTURE MOUNTING HARDWARE AND TRIMS NEEDED TO SUIT CEILING CONDITIONS. LIGHT FIXTURES NEAR OR IN CONTACT WITH INSULATION SHALL COMPLY WITH CODE. MAINTAIN 3" MINIMUM WORKING CLEARANCE BETWEEN NON-IC RATED LIGHT FIXTURE HOUSINGS AND INSULATION ON ALL ADJACENT DUCTWORK, PIPING, WALLS, AND CEILINGS.

e. THE EMERGENCY LIGHTING SYSTEM HAS BEEN DESIGNED TO PROVIDE AN INITIAL FLOOR ILLUMINANCE LEVEL OF 1 FC AVERAGE, 0.1 FC MINIMUM AND NO MORE THAN A 20:1 MAX/MIN RATIO ALONG THE EMERGENCY EGRESS PATHS. WHERE APPLICABLE, ADJUST AIMING OF EMERGENCY LIGHTS AS REQUIRED TO PROVIDE PROPER ILLUMINATION AT FLOOR AVOIDING OBSTACLES AND SHADOWS AFTER STORE SET-UP IS COMPLETE.

f. WALL MOUNTED EXITS SIGNS SHALL BE MOUNTED [12"] ABOVE DOOR FRAME AND CENTERED ABOVE DOOR OPENING, UNLESS NOTED OTHERWISE. CEILING/PENDANT MOUNTED EXIT SIGNS SHALL BE SUSPENDED TO [12'-0"] AFF IN CUSTOMER AREAS OPEN TO STRUCTURE, AT BOTTOM OF BAR JOISTS IN BACKROOM AREAS AND ON FINISHED CEILING WHERE APPLICABLE, UNLESS NOTED OTHERWISE. EXIT SIGNS SHALL BE READILY VISIBLE FROM DIRECTION OF EGRESS TRAVEL. COORDINATE FINAL EXIT SIGN LOCATIONS WITH AHJ AND OWNER.

g. PROVIDE LABEL AT EACH MANUAL LIGHT SWITCH INDICATING THE LIGHT FIXTURE(S) THAT THE SWITCH CONTROLS AND THE RESPECTIVE "PNLBD-CKT#" DESIGNATION. A SINGLE LIGHT SWITCH FOR A SMALL ROOM DOES NOT NEED TO INDICATE THE SPACE CONTROLLED SINCE IT IS INTUITIVELY OBVIOUS. COORDINATE LABEL REQUIREMENTS WITH THE OWNER PRIOR TO INSTALLATION. REFER TO THE SPECIFICATIONS FOR MORE INFORMATION.

h. CIRCUIT ALL EXIT SIGNS TO THE UNSWITCHED CIRCUIT INDICATED, UNLESS NOTED OTHERWISE.

i. VERIFY THAT THE LOCATIONS ARE ALONG EMERGENCY EGRESS PATHS AND RELOCATE AS NECESSARY TO ENSURE CODE REQUIREMENTS ARE MET. WHERE APPLICABLE, ADJUST AIMING OF EMERGENCY LIGHTS AS REQUIRED TO PROVIDE PROPER ILLUMINATION AT FLOOR AVOIDING OBSTACLES AND SHADOWS. CONFIRM THAT THE EMERGENCY LIGHTING SYSTEM PROVIDES AN INITIAL FLOOR ILLUMINANCE LEVEL OF [1 FC AVERAGE, 0.1 FC MINIMUM, AND NO MORE THAN A 20:1] MAX/MIN RATIO ALONG THE EMERGENCY EGRESS PATHS. COORDINATE FINAL LOCATIONS, AIMING AND DIRECTIONAL ARROWS WITH AHJ.

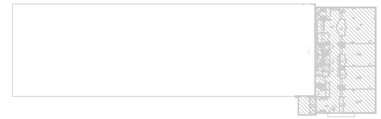
j. ALL FIXTURES TO HAVE CONNECTOR WIRES THAT COME FURNISHED WITH FIXTURES SPLICED WITH BRANCH CIRCUIT CONDUCTORS IN A LISTED BOX. NO SPLICES WILL BE ALLOWED INSIDE ANY FIXTURE NOR EXPOSED.

k. LIGHT FIXTURES BRANCH CIRCUIT THAT LENGTH IS MORE THAN 100' SHALL USE #10 WIRE.

l. ALL WORK SHALL CONFORM TO ALL LOCAL CODES AND ORDINANCES AS WELL AS APPLICABLE INDUSTRY STANDARDS. ALL EQUIPMENT SHALL BEAR LABELS FOR THE USE INTENDED BY AN AHJ ACCEPTED NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL), SUCH AS UL OR ETL. THE FINAL ELECTRICAL INSTALLATION OF THE FACILITY OCCUPIED BY OWNER SHALL BE FREE FROM ELECTRICAL DEFECTS TO THE SATISFACTION OF THE AHJ, OWNER, ARCHITECT AND ENGINEER.

(#) PLAN KEY NOTES

1. PROVIDE POWER CONNECTION TO NEW LIGHT FIXTURES IN THE SPACE. PROVIDE NEW BRANCH CIRCUIT (CONDUIT AND WIRES) BACK TO SOURCE.



2 KEYPLAN
SCALE:N.T.S.

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DWG IDENTIFICATION

ELECTRICAL LIGHTING FLOOR PLAN

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
100%CD	03/27/26	NL/DG

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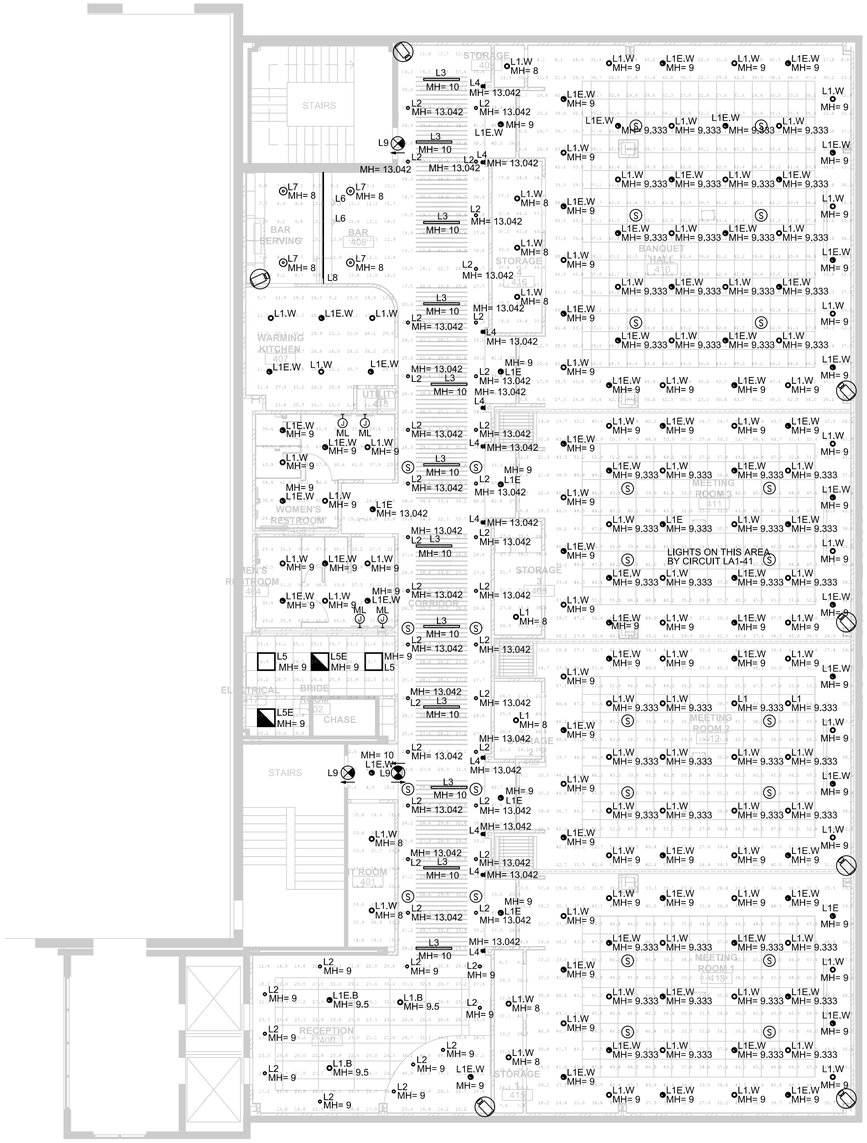
25-124

E301



LIGHTING PHOTOMETRIC
SCALE: 1/8" = 1'-0"

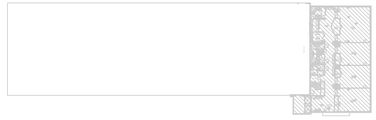
Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Point Spacing	Calc. Plane Height
402 BRIDE ROOM_Floor	Illuminance	Fc	23.67	29.1	16.1	1.47	1.81	2	0
403 STORAGE 2	Illuminance	Fc	27.99	40.8	16.5	1.70	2.47	2	0
404 MENS RESTROOM_Floor	Illuminance	Fc	40.91	58.7	21.9	1.87	2.68	2	0
405 STORAGE 3	Illuminance	Fc	30.99	38.4	21.7	1.43	1.77	2	0
406 WOMENS RESTROOM_Workplane	Illuminance	Fc	47.78	77.1	19.0	2.51	4.06	2	2.5
407 WARMING KITCHEN_Workplane	Illuminance	Fc	24.95	46.1	1.9	13.13	24.26	2	2.5
409 CLOSET_Floor	Illuminance	Fc	31.88	33.0	30.7	1.04	1.07	2	0
410 BANQUET HALL_Workplane	Illuminance	Fc	39.10	59.5	3.8	10.29	15.66	2	2.5
411 MEETING ROOM 3_Workplane	Illuminance	Fc	42.09	60.4	2.9	14.51	20.83	2	2.5
412 MEETING ROOM 2_Workplane	Illuminance	Fc	41.95	61.9	2.9	14.47	21.34	2	2.5
413 MEETING ROOM 1_Floor	Illuminance	Fc	39.35	53.5	7.5	5.25	7.13	2	0
415 STORAGE 1	Illuminance	Fc	27.17	43.3	7.6	3.58	5.70	2	0
416 STORAGE 4	Illuminance	Fc	35.66	52.5	17.8	2.00	2.95	2	0
BAR SERVING	Illuminance	Fc	10.18	15.7	6.8	1.50	2.31	2	0
CORRIDOR	Illuminance	Fc	27.88	48.9	2.6	10.72	18.81	2	0
CORRIDOR CLOSET_Floor	Illuminance	Fc	22.70	32.9	14.8	1.53	2.22	2	0

LIGHTING FIXTURE SCHEDULE

TYPE	IMAGE	DESCRIPTION	DESIGN SELECTION	VOLTS	LAMP/FIXTURE	INPUT/WATTAGE (W)
L1.W		RECCESSED LIGHT	SD6DR-L2-35-WF-IC630C-SF	UNV	LED	13.7
L1E.W		RECCESSED LIGHT	SD6DR-L2-35-WF-IC630C-SF	UNV	LED	14.7
L2		PENDAND LIGHT	LIGHTHEADED C3P-R-9-24-24-30-40-9008-P-UNV-3C-4	UNV	LED	13
L3		LINEAR SUSPENDED	FINELITE HP-4-SM-D-4ft-B-940-F-9KLG- VOLT-SC-FC-10%-C4-FE-FB	UNV	LED	L8.4
L4		WALL SCOINCE	TGS KEE-WS-2810-1845-G-L-PN	UNV	LED	10.6
L5		LED TROFFER W/ EMERGENCY INVERTER	LT-22-L27-940-AF-DIM-UNV	UNV	LED	21.3
L5E		LED TROFFER W/ EMERGENCY INVERTER	LT-22-L27-940-AF-DIM-UNV-EM	UNV	LED	22.3
L6		CHANDELIER	KICHLER LINARA 44168BK	UNV	LED	75
L7		SAUCER PENDANT LIGHT	MULIAN MLP372	UNV	LED	60
L8		LED STRIP LIGHT	DIODELED NEON BLAZE	UNV	LED	5
ML		MIRROR LED	BRADLEY ELVARI SERIES FRAMELESS LED MIRROR 18" X 36" - 7B1-5018360	UNV	LED	28
L9		EMERGENCY EXIT	ISOLITE UEL-EM-G-1C2M-MTEBR	UNV	LED	2

NOTES:
1. ALL FIXTURES SHALL HAVE A MINIMUM 80 CRI.
2. ALL FIXTURES SHALL BE LABELED WITH MAXIMUM ALLOWABLE WATTAGE. MAXIMUM IS THE WATTAGE OF LAMP AS SHOWN IN SCHEDULE
3. ALL FIXTURES, WHETHER STANDARD OR NOT, REQUIRES LISTING BY A NATIONAL RECOGNIZED TESTED LABORATORY
4. WHEN FIXTURE MODEL DIFFERS FROM LIGHTING FIXTURE DESCRIPTION, THEN THE LIGHTING FIXTURE DESCRIPTION SHALL GOVERN.



KEYPLAN
SCALE: N.T.S.

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DWG IDENTIFICATION

LIGHTING PHOTOMETRIC

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
100%CD	03/27/26	NL/DG

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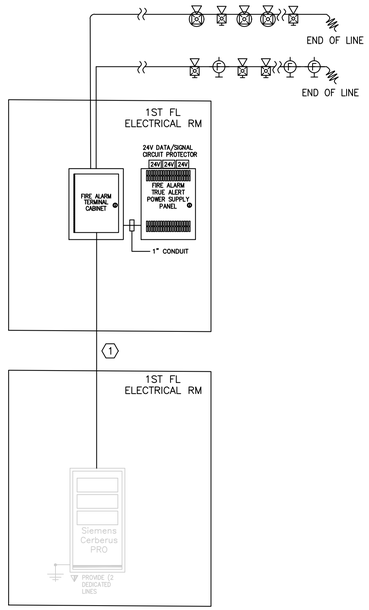
JOB FILE NUMBER:
25-124

E302

NOTE:
FIRE ALARM DEVICES SHOWN FOR REFERENCE ONLY. REFER TO FLOOR PLAN FOR QUANTITIES.



1 FIRE ALARM PARTIAL RISER DIAGRAM
SCALE:NTS

SEQUENCE OF OPERATION:

UPON ACTIVATION OF ANY MANUAL STATION THE FOLLOWING SHALL OCCUR:

1. ALL SPEAKERS WILL SOUND AN AUTOMATIC PRE-RECORDED MESSAGE UNTIL SYSTEM IS SILENCED.
2. ALL STROBES WILL FLASH UNTIL SYSTEM IS SILENCED.
3. AN ALARM SIGNAL SHALL BE SENT TO THE FACP, DISPLAY SYSTEM POINT NUMBER, AND POINT DESCRIPTION.
4. FIRE ALARM SYSTEM SHALL ACTIVATE THE CONNECTION BETWEEN THEATER SOUND AND LIGHTING SYSTEMS. THEATER SOUND SYSTEM SHALL MUTE ALL OUTPUTS AND THEATER LIGHTING SYSTEM SHALL BRING HOUSE LIGHTS TO FULL.
5. A SIGNAL SHALL BE SENT TO THE REMOTE SUPERVISING STATION VIA DACT.

UPON ACTIVATION OF ANY AUTOMATIC DEVICE THE FOLLOWING SHALL OCCUR:

1. ALL SPEAKERS WILL SOUND AN AUTOMATIC PRE-RECORDED MESSAGE UNTIL SYSTEM IS SILENCED.
2. ALL STROBES WILL FLASH UNTIL SYSTEM IS SILENCED.
3. AN ALARM SIGNAL SHALL BE SENT TO THE FACP, DISPLAY SYSTEM POINT NUMBER, AND POINT DESCRIPTION.
4. FIRE ALARM SYSTEM SHALL ACTIVATE THE CONNECTION BETWEEN THEATER SOUND AND LIGHTING SYSTEMS. THEATER SOUND SYSTEM SHALL MUTE ALL OUTPUTS AND THEATER LIGHTING SYSTEM SHALL BRING HOUSE LIGHTS TO FULL.
5. A SIGNAL SHALL BE SENT TO THE REMOTE SUPERVISING STATION VIA DACT.

UPON ACTIVATION OF A DUCT SMOKE DETECTOR, THE FOLLOWING SHALL OCCUR:

1. ALL SPEAKERS WILL SOUND AN AUTOMATIC PRE-RECORDED MESSAGE UNTIL SYSTEM IS SILENCED
2. ALL STROBES WILL FLASH UNTIL SYSTEM IS SILENCED.
3. FIRE ALARM SYSTEM SHALL ACTIVATE THE CONNECTION BETWEEN THEATER SOUND AND LIGHTING SYSTEMS. THEATER SOUND SYSTEM SHALL MUTE ALL OUTPUTS AND THEATER LIGHTING SYSTEM SHALL BRING HOUSE LIGHTS TO FULL.
4. A SUPERVISORY SIGNAL SHALL BE SENT TO THE FACP, DISPLAY SYSTEM POINT NUMBER, AND POINT DESCRIPTION.
5. SHUT DOWN ASSOCIATED AIR-HANDLING EQUIPMENT.
6. A SUPERVISORY SIGNAL SHALL BE SENT TO THE REMOTE SUPERVISING STATION VIA DACT.

FIRE ALARM GENERAL NOTES:

UNLESS OTHERWISE NOTED ON PLANS:

1. EQUIPMENT SHOWN AS HALF TONE SHALL BE PROVIDED IN A FUTURE PHASE AND IS NOT APPLICABLE TO THIS PERMIT. CONTRACTOR SHALL INSTALL CONDUITS FOR FUTURE EQUIPMENT CONNECTIONS TO PULL BOXES OR STUB UP LOCATIONS OUTSIDE OF UNIT B AS REQUIRED.
2. ALL WIRING SHALL BE POWER LIMITED
3. INSTALLATION SHALL COMPLY WITH NFPA CODE'S EDITIONS AS PUBLISHED IN FAC 69A-60.
4. INSTALLATION SHALL COMPLY WITH FLORIDA FIRE PREVENTION CODE 2014 EDITION.
5. CONDUIT, AS APPLICABLE SHALL BE 3/4" MINIMUM, UNLESS NOTED OTHERWISE. WITH A MAXIMUM FILL OF 40%. COMPLY WITH NEC, CONDUIT, AS APPLICABLE SHALL BE 1" MINIMUM WITH A MAXIMUM FILL OF 40%. COMPLY WITH NEC FOR CONDUIT THAT IS RUN UNDERGROUND.
6. SYSTEM SHALL BE GROUNDED PER MANUFACTURERS SPECIFICATIONS.
7. SYSTEM COMPONENTS SHALL BE UL LISTED AND COMPATIBLE.
8. SMOKE DETECTORS SHALL NOT BE LOCATED WITHIN 3' OF A/C DIFFUSERS.
9. CIRCUITS LEAVING THE BUILDING MUST HAVE SURGE PROTECTION INSTALLED. SURGE PROTECTION TO BE PROVIDED FOR 120VAC POWER, AND TELEPHONE CONNECTIONS TO FIRE ALARM.
10. FIRE ALARM PANEL & ANY ASSOCIATED FIRE ALARM EQUIPMENT MUST BE FED WITH A 120VAC, SINGLE PHASE, 20 AMP, DEDICATED BREAKER LOCKED AND MARKED.
11. SPEAKERS TO SOUND AN AUTOMATIC PRE-RECORDED MESSAGE.
12. STROBES TO BE SYNCHRONIZED.
13. PROVIDE RED PAINT FINISH ON ALL CONDUITS, INCLUDING JUNCTION BOXES, PULL BOXES, AND ALL ASSOCIATED RACEWAY COMPONENTS.

IT SHALL BE UNDERSTOOD THAT THE CONDUIT SHOWN ON THESE DRAWINGS ARE DRAWN DIAGRAMMATICALLY. DUE TO UNKNOWN FIELD CONDITIONS CONDUIT ROUTING MAY BE INSTALLED DIFFERENTLY THAN SHOWN. WORST CASE SCENARIOS WERE CONSIDERED WHEN CALCULATING THE VOLTAGE DROPS AND CURRENT LIMITATIONS DURING THE DESIGN PROCESS. LUMP SUM METHOD WAS USED TO CALCULATE ALLOWABLE VOLTAGE DROP. THIS METHOD ALLOWS FOR A SMALL MARGIN OF SAFETY, TAKING INTO CONSIDERATION THE ACTUAL INSTALLED CIRCUIT ROUTING MAY DIFFER FROM WHAT IS SHOWN ON THE SHOP DRAWINGS.

GENERAL SHEET NOTES:

a. REFER TO SHEET E-001 AND E-002 FOR ELECTRICAL GENERAL NOTES AND SYMBOLS LEGEND.

b. PROVIDE QUANTITIES AND TYPES OF CONDUITS AND WIRING (WHETHER SHOWN ON THIS DRAWING, RISER DIAGRAM AND PLANS OR NOT.

c. THE CONTRACTOR SHALL PROVIDE, INSTALL AND TERMINATE ALL ELECTRICAL AND FIRE ALARM SYSTEMS EQUIPMENT INCLUDING, BUT NOT LIMITED TO MODULES, RELAYS (LISTED FOR USE WITH FIRE ALARM SYSTEMS) ETC. NECESSARY TO SHUT DOWN SUPPLY FANS, AND OTHER DEVICES REQUIRED TO BE CONNECTED TO THE FIRE ALARM SYSTEM BUT NOT SPECIFICALLY SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATIONS OF DEVICES WITH OTHER DIVISIONS AS NECESSARY PRIOR TO ROUGH-IN. REFER TO SPECIFICATIONS.

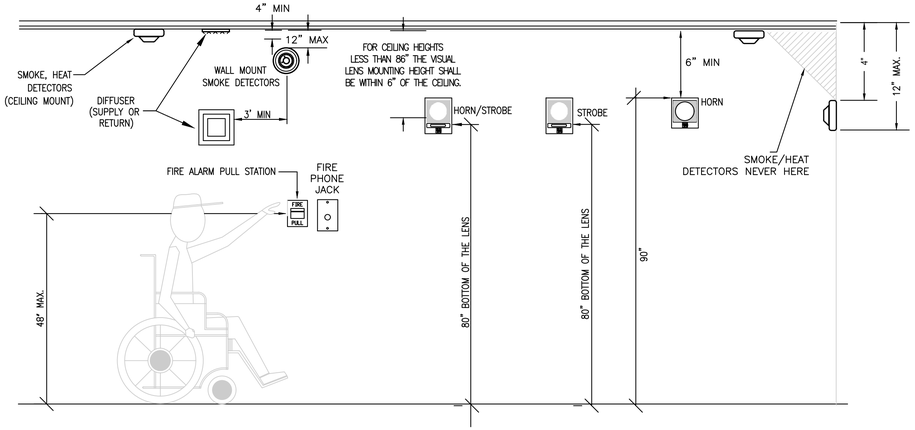
d. CABLES SHALL BE PROPERLY LABELED WITH TYPE WRITTEN LABELS; AND TERMINATED TO TERMINAL STRIPS IN TERMINAL CABINET.

e. CONTRACTOR IS REQUIRED TO SUBMIT SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS BY A LICENSED FLORIDA PROFESSIONAL ENGINEER FOR FIRE ALARM SYSTEM TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO SUBMITTAL. ELECTRICAL ROUGH-IN CANNOT BE STARTED UNTIL THE SHOP DRAWING ARE APPROVED BY THE OWNER.

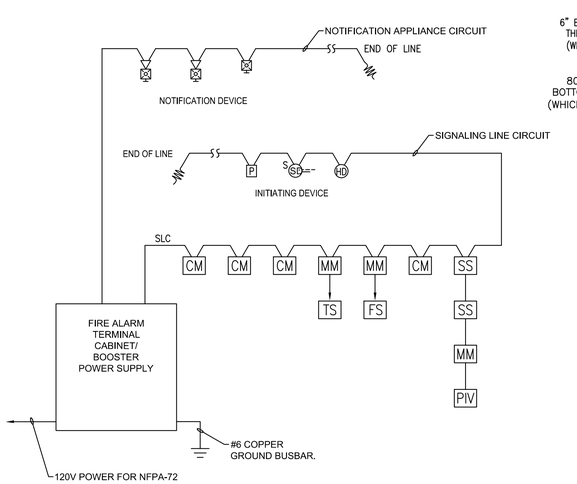
f. THE FIRE ALARM RISER IS A DIAGRAMMATIC GUIDE FOR THE INSTALLATION OF THE FIRE ALARM EQUIPMENTS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE, OPERATING SYSTEM.

(#) SHEET KEY NOTES:

1. PROVIDE 2"C BETWEEN FIRE ALARM CONTROL PANEL AND NEW FATC/NAC.



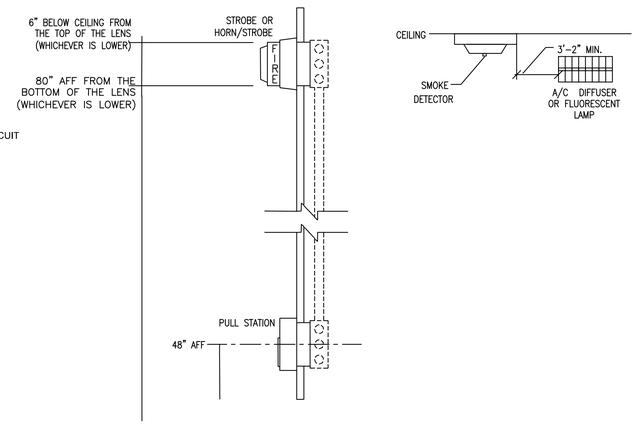
1 FIRE ALARM EQUIPMENT- MOUNTING HEIGHTS-(NFPA 72)
NTS



GENERAL NOTES:

- SEE SPECIFICATION SECTION 28 31 11 FOR MORE INFO.
- DEVICES SHALL BE LOCATED PER NFPA 72.
- DEVICES INDICATED ON RISER DIAGRAM DENOTE DEVICE TYPES ON PLANS, REFER TO FIRE ALARM FLOOR PLAN FOR QUANTITY OF EACH TYPE OF FIRE ALARM DEVISE.
- FIRE ALARM SYSTEM SHALL BE ZONE BY DEVICE, FLOOR, AND AREA REFERENCE NFPA 72, A10.16.6 FOR AREA DETERMINATION.

2 FIRE ALARM DEVICE CONNECTION-CLASS "B"
NTS



3 TYPICAL ADA HEIGHT REQUIREMENTS DETAIL
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DWG IDENTIFICATION

PARTIAL FIRE ALARM RISER DIAGRAM

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100%CD	03/27/26	NL/DG

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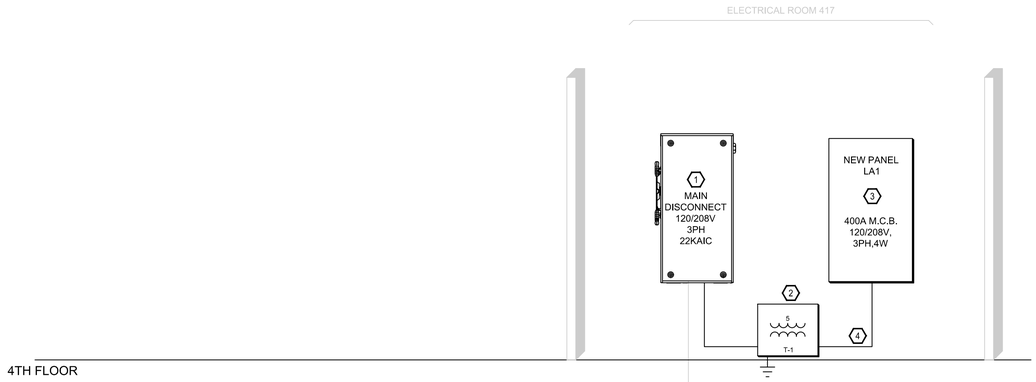

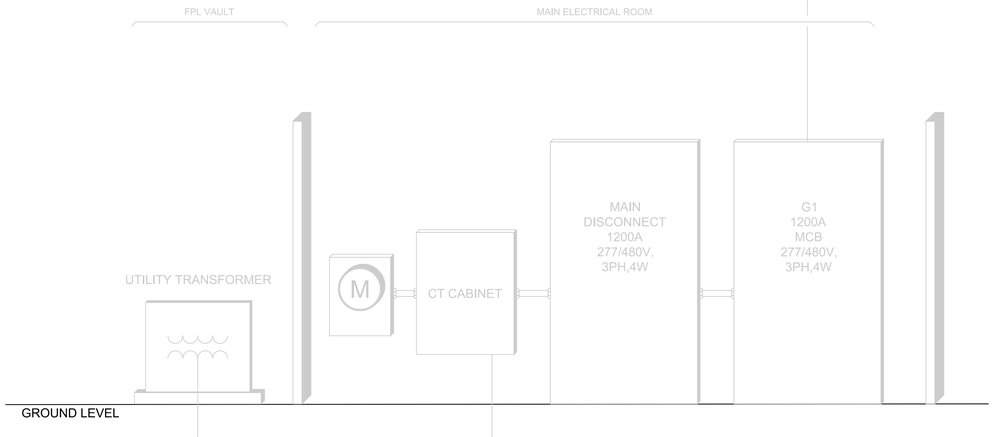

1 ELECTRICAL ONE LINE RISER DIAGRAM
NTS

GENERAL NOTES

a. REFER TO SHEET E001 FOR ELECTRICAL ABBREVIATIONS AND SYMBOLS LEGEND.

b. PROVIDE TYPED FINAL CIRCUIT DIRECTORY FOR ALL PANELBOARDS TO REFLECT ACTUAL AS-BUILT CONDITIONS. COORDINATE FINAL ROOM NAMES, NUMBERS AND DESCRIPTIONS WITH OWNER PRIOR TO COMPLETION. CIRCUIT DESCRIPTIONS SHALL BE PER CODE AND SHALL BE DISTINGUISHABLE FROM ALL OTHERS.

c. FEEDER SIZES ARE BASED ON COPPER (CU) THHN/THWN-2 INSULATION, UNLESS NOTED OTHERWISE. ALL CONDUCTOR SIZES ARE BASED ON 75 DEG C RATED TERMINATIONS, UNLESS NOTED OTHERWISE. CONDUIT SIZES SHOWN ARE APPROPRIATE FOR SCHEDULE 40 PVC, EMT, GRS, IMC AND RMC; ADJUST SIZE AS NEEDED FOR OTHER RACEWAY TYPES. FOR ANY OTHER CONDITIONS MODIFY SIZES PER CODE.

d. PROVIDE A PERMANENT LABEL ON FRONT OF EQUIPMENT ENCLOSURE; , LABEL SHALL READ AS FOLLOWS (INCLUDE RESPECTIVE NAMES IN BLANKS):
SERVICE EQUIPMENT LABEL:
LINE 1: NOMINAL VOLTAGE AND FREQUENCY IN HERTZ
LINE 2: SERVICE EQUIPMENT BUS RATING IN AMPS
LINE 3: SCCR OF SERVICE EQUIPMENT IN AMPS

e. ALL SYMBOLS SHOWN IN "LIGHT" LINE WEIGHT INDICATE EXISTING TO REMAIN; NO WORK REQUIRED UNLESS NOTED OTHERWISE.

f. ALL SYMBOLS SHOWN IN "BOLD" LINE WEIGHTS OR DASH LINES INDICATE EXISTING EQUIPMENT REPLACED WITH NEW, UNLESS NOTED OTHERWISE.

(#) RISER KEY NOTES

1. PROVIDE AND INSTALL NEW 400A DISCONNECT WITH A 250A RK1 FUSE.
2. PROVIDE AND INSTALL NEW TRANSFORMER AS INDICATED.
3. PROVIDE AND INSTALL PANELBOARD AS INDICATED ON SHEET E701. CONTRACTOR TO PROVIDE NEW FEEDER CONDUIT AND WIRING TO THE NEW PANELBOARD LOCATION AS REQUIRED. VERIFY FINAL LOCATION IN FIELD. MAINTAIN REQUIRED WORKING CLEARANCES PER NEC. COORDINATE ROUTING AND INSTALLATION WITH ALL AFFECTED TRADES TO AVOID CONFLICTS.
4. REFER TO PANEL SCHEDULE ON SHEET E701 FOR WIRING SIZES.

TRANSFORMER SIZE LEGEND

1.	30kVA Δ-Y TRANSFORMER, 480V, 3 PHASE, 3W TO 208Y/120V, 3PHASE, 4W.
2.	45kVA Δ-Y TRANSFORMER, 480V, 3 PHASE, 3W TO 208Y/120V, 3PHASE, 4W.
3.	75kVA Δ-Y TRANSFORMER, 480V, 3 PHASE, 3W TO 208Y/120V, 3PHASE, 4W.
4.	112.5kVA Δ-Y TRANSFORMER, 480V, 3 PHASE, 3W TO 208Y/120V, 3PHASE, 4W.
5.	150kVA Δ-Y TRANSFORMER, 480V, 3 PHASE, 3W TO 208Y/120V, 3PHASE, 4W.
6.	225kVA Δ-Y TRANSFORMER, 480V, 3 PHASE, 3W TO 208Y/120V, 3PHASE, 4W.
7.	3000kVA Y-Y TRANSFORMER, 12.5KV, 3 PHASE, 3W TO 480V, 3PHASE, 4W.

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DAVID GONZALEZ
LICENSED
No 98464
STATE OF FLORIDA
PROFESSIONAL ENGINEER
2026.03.31 09:29:23-04'00'
SEAL

DIGITAL SIGNATURE

REVISIONS:

CONTRACT DOCUMENTS FOR:
SUNRISE EVENT CENTER
FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

ELECTRICAL RISER DIAGRAM & PANEL SCHEDULES

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
100%CD	03/27/26	NL/DG

THIS DRAWING HAS BEEN ISSUED ON THE DATE SHOWN & FOR THE PURPOSE NOTED

JOB FILE NUMBER:
25-124

E501

NEW PANEL — LA1

SEC 1

BUS RATING: 400 AMP
MAIN: 400 AMP M.C.B.
VOLTAJE: 120/208V 3ø 4W
NEMA: 1
WIDTH: 30"
DEPTH: 10"

LUG LOCATION: TOP
MOUNTING: SURFACE
LOCATION: ELECTRICAL ROOM
MANF: SQUARE D
TYPE: NQOD
AIC: 22K

NOTES	EQUIPMENT SERVED	LD. TYP.	BREAKER # POLES	BREAKER TRIP	BRANCH CIRCUIT P	BRANCH CIRCUIT N	BRANCH CIRCUIT G	C.	CKT NO.	PHASE A (kVA)	PHASE B (kVA)	PHASE C (kVA)	CKT NO.	C.	BRANCH CIRCUIT G	BRANCH CIRCUIT N	BRANCH CIRCUIT P	BREAKER TRIP	BREAKER # POLES	LD. TYP.	EQUIPMENT SERVED	NOTES
GF	EWC	M	1	20	#12	#12	#12	3/4"	1	1.00	0.54	-	2	3/4"	#12	#12	#12	20	1	R	BRIDE ROOM RECPET.	-
-	WOMEN'S RESTROOMS RECEPT.	R	1	20	#12	#12	#12	3/4"	3	-	-	0.36	4	3/4"	#12	#12	#12	20	1	R	RECEPTION RECEPT.	-
-	MEN'S RESTROOMS RECEPT.	R	1	20	#12	#12	#12	3/4"	5	-	-	0.36	6	3/4"	#12	#12	#12	20	1	R	CORREDOR GENERAL RECEPT. 1	-
-	BANQUET HALL GENERAL RECEPT.	R	1	20	#12	#12	#12	3/4"	7	1.08	0.54	-	8	3/4"	#12	#12	#12	20	1	R	CORREDOR GENERAL RECEPT. 2	-
-	BANQUET HALL PROJECTOR	O	1	20	#12	#12	#12	3/4"	9	-	1.00	0.90	10	3/4"	#12	#12	#12	20	1	R	MEETING ROOM 1 GENERAL RECEPT.	-
-	MEETING ROOM 2 GENERAL RECEPT.	R	1	20	#12	#12	#12	3/4"	11	-	-	0.90	12	3/4"	#12	#12	#12	20	1	O	MEETING ROOM 1 PROJECTOR	-
-	MEETING ROOM 2 PROJECTOR	O	1	20	#12	#12	#12	3/4"	13	1.00	1.00	-	14	3/4"	#12	#12	#12	20	1	R	MEETING ROOM 3 GENERAL RECEPT.	-
GF	(113) WARMING KITCHEN ICE MAKER W/O BIN	M	1	20	#12	#12	#12	3/4"	15	-	-	1.00	16	3/4"	#12	#12	#12	20	1	O	(200) MEETING ROOM 3 PROJECTOR	GF
GF	(101) WARMING KITCHEN REFRIGERATOR, REACH-IN	M	1	20	#12	#12	#12	3/4"	17	-	-	-	18	3/4"	#12	#12	#12	20	1	M	(206) BAR BACK BAR COOLER - GLASS DOOR	GF
-	(102) HEATED CABINET, MOBILE 1	M	1	20	#12	#12	#12	3/4"	19	1.00	1.00	-	20	3/4"	#12	#12	#12	20	1	M	BAR DROP-IN, COLD PAN	-
-	(102) HEATED CABINET, MOBILE 2	M	1	20	#12	#12	#12	3/4"	21	-	-	1.44	22	3/4"	#12	#12	#12	20	1	M	BAR SERVING CTK 3	-
-	WARMING KITCHEN OVERCOUNTER RECEPT.	R	1	20	#12	#12	#12	3/4"	23	-	-	-	24	3/4"	#12	#12	#12	20	1	M	BAR SERVING CTK 4	-
LC	FATC/NAC	L	1	20	#12	#12	#12	3/4"	25	0.80	1.00	-	26	3/4"	#12	#12	#12	20	1	O	DATA RACK	-
-	CAMERA SYSTEM	L	1	20	#12	#12	#12	3/4"	27	-	-	0.40	28	3/4"	#12	#12	#12	20	1	L	PA SYSTEM	-
-	COMPUTER RM 410	M	1	20	#12	#12	#12	3/4"	29	-	-	-	30	3/4"	#12	#12	#12	20	1	O	COMPUTER RM 412	-
-	COMPUTER RM 411	M	1	20	#12	#12	#12	3/4"	31	1.00	1.00	-	32	3/4"	#12	#12	#12	20	1	O	COMPUTER RM 413	-
-	BATHS MIRROR LIGHT	L	1	20	#12	#12	#12	3/4"	33	-	-	1.00	34	-	-	-	-	-	-	-	SPACE	-
-	SPACE	-	-	-	-	-	-	-	35	-	-	-	36	-	-	-	-	-	-	-	SPACE	-
-	SPACE	-	-	-	-	-	-	-	37	-	0.72	-	38	3/4"	#12	#12	#12	20	1	R	ROOF RECEPTACLES	-
-	MEETING ROOM 1 AND 2 LTG	L	1	20	#12	#12	#12	3/4"	39	-	-	1.20	40	3/4"	#12	#12	#12	20	1	L	CORRIDOR AND RECEPTION LTG	-
-	MEETING ROOM 3 AND BANQUET HALL LTG	L	1	20	#12	#12	#12	3/4"	41	-	-	-	42	3/4"	#12	#12	#12	20	1	L	BATHS, KITCHEN AND BAR LTS.	-
-	HP-1	H	3	70	#4	#4	#6	1 1/4"	43	5.40	4.20	-	44	3/4"	#10	#8	#8	45	3	H	HP-2	-
		H							45	-	-	5.40	46							H		
		H							47	-	-	-	48							H		
-	AHU-1	H	3	15	#12	#12	#14	3/4"	49	1.08	1.08	-	50	3/4"	#14	#12	#12	15	3	H	AHU-2	-
		H							51	-	-	1.08	52							H		
		H							53	-	-	-	54							H		
-	HP-3	H	3	35	#8	#8	#10	3/4"	55	2.74	2.74	-	56	3/4"	#10	#8	#8	35	3	H	HP-4	-
		H							57	-	-	2.74	58							H		
		H							59	-	-	-	60							H		
-	AHU-3	H	2	15	#12	#12	#14	3/4"	61	0.94	0.94	-	62	3/4"	#14	#12	#12	15	2	H	AHU-4	-
		H							63	-	-	0.94	64							H		
-	HP-6	H	3	30	#10	#10	#10	3/4"	65	2.17	0.94	-	66	3/4"	#14	#12	#12	15	2	H	AHU-6	-
		H							67	-	-	2.17	68							H		
		H							69	-	-	-	70							H		
-	RTU-1	H	3	35	#8	#8	#10	1"	71	2.89	1.66	-	72	3/4"	#10	#10	#10	30	2	H	CU-5/AHU-5	-
		H							73	-	-	2.89	74							H		
		H							75	-	-	-	76							H		
-	EWH-1	O	2	30	#10	#10	#10	3/4"	77	2.25	0.50	-	78	3/4"	#12	#12	#12	20	3	H	EF-1	-
		O							79	-	-	2.25	80							H		
-	RECIRCULATION PUMP (P-1)	M	1	20	#12	#12	#12	3/4"	81	-	-	-	82	-	#12	#12	#12	20	3	H	SURGE PROTECTION DEVICE (SPD)	-
-	SPACE	-	-	-	-	-	-	-	83	-	-	-	84							H		
	CONNECTED KVA LOAD									41.22	39.21	35.14										

#	LOADS:	KVA	DEMAND	NEC KVA
G	LARGE MOTORS	0.00	125%	0.00
L	LIGHTING	7.40	125%	9.25
R	RECEPTACLES	7.84	(1)	7.84
M	MOTORS	11.54	100%	11.54
K	KITCHEN EQUIPMENT	0.00	65%	0.00
H	HVAC EQUIPMENT	77.39	100%	77.39
O	OTHER LOADS	11.40	100%	11.40
P	PANELS	0.00	100%	0.00
	SUBTOTAL:			117.42
	LESS SMALLEST AC/HEAT:			0.00
	TOTAL DEMAND:			117.42

kVA 0.208 kV 325.94 A

REMARKS
(1). FIRST 10KVA AT 100% + REMAINDER OVER 10KVA AT 50%
PROVIDE NEUTRAL & GROUND BUS
PROVIDE TYPE WRITTEN DIRECTORY
REMARKS
QF-GFCI CIRCUIT BREAKER
HC-HACR BREAKER
LC-LOCKABLE CIRCUIT BREAKER
NOTES

EXISTING PANEL — G1

SEC 1

BUS RATING: 1200 AMP
MAIN: 1200 AMP M.C.B.
VOLTAJE: 277/480V 3ø 4W
NEMA: 1
WIDTH: 48"
DEPTH: 24"

LUG LOCATION: -
MOUNTING: FLUSH
LOCATION: -
MANF: EATON
TYPE: PRL4
AIC: -

NOTES	EQUIPMENT SERVED	LD. TYP.	BREAKER # POLES	BREAKER TRIP	BRANCH CIRCUIT P	BRANCH CIRCUIT N	BRANCH CIRCUIT G	C.	CKT NO.	PHASE A (kVA)	PHASE B (kVA)	PHASE C (kVA)	CKT NO.	C.	BRANCH CIRCUIT G	BRANCH CIRCUIT N	BRANCH CIRCUIT P	BREAKER TRIP	BREAKER # POLES	LD. TYP.	EQUIPMENT SERVED	NOTES
-	EXISTING UNKNOWED LOAD	P	3	200	3/0	3/0	#6	2"	1	33.26	33.26	-	2							P		
		P							3	-	-	33.26	4	2"	#6	3/0	3/0	200	3	P	EXISTING UNKNOWED LOAD	-
		P							5	-	-	-	6							P		
-	EXISTING TRFXM EV CHARGERS 3RD FLOOR PARKING GARAGE	P	3	125	#1	#1	#6	1 1/2"	7	20.78	-	-	8							-		
		P							9	-	-	20.78	10	-	-	-	-	-	-	-	SPACE	-
		P							11	-	-	-	12							-		
-	EXISTING 2ND FLOOR	P	3	400	3 SETS: 3/0	3 SETS: 3/0	#3	2 - 2"	13	66.51	66.51	-	14							P		
		P							15	-	-	66.51	16	2 - 2"	#3	3 SETS: 3/0	3 SETS: 3/0	400	3	P	EXISTING 3RD FLOOR	-
		P							17	-	-	-	18							P		
-	**4TH FLOOR**	P	**3**	**400**	**3 SETS: 3/0**	**3 SETS: 3/0**	**#3**	**2 - 2"**	19	**39.14**	66.51	-	20							P		
		P							21	-	-	**39.14**	22	2 - 2"	#3	3 SETS: 3/0	3 SETS: 3/0	400	3	P	EXISTING PANELS GHP	-
		P							23	-	-	-	24							P		
-	SPACE	-	-	-	-	-	-	-	25	-	-	-	26							-		
-	SPACE	-	-	-	-	-	-	-	27	-	-	-	28	-	-	-	-	-	-	-	SPACE	-
-	SPACE	-	-	-	-	-	-	-	29	-	-	-	30							-		
	CONNECTED KVA LOAD									325.97	325.97	325.97										

#	LOADS:	KVA	DEMAND	NEC KVA
G	LARGE MOTORS	0.00	125%	0.00
L	LIGHTING	0.00	125%	0.00
R	RECEPTACLES	0.00	(1)	0.00
M	MOTORS	0.00	100%	0.00
K	KITCHEN EQUIPMENT	0.00	65%	0.00
H	HVAC EQUIPMENT	0.00	100%	0.00
O	OTHER LOADS	0.00	100%	0.00
P	PANELS	977.91	100%	977.91
	SUBTOTAL:			977.91
	LESS SMALLEST AC/HEAT:			0.00
	TOTAL DEMAND:			977.91

kVA 0.48 kV 1176.24 A

REMARKS
(1). FIRST 10KVA AT 100% + REMAINDER OVER 10KVA AT 50%
PROVIDE NEUTRAL & GROUND BUS
PROVIDE TYPE WRITTEN DIRECTORY
REMARKS
QF-GFCI CIRCUIT BREAKER
HC-HACR BREAKER
LC-LOCKABLE CIRCUIT BREAKER
NOTES

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This item has been digitally signed and sealed by DAVID GONZALEZ on the date adjacent to the seal. Signatures must be verified on any electronic copies.

DAVID GONZALEZ — No 98464 — STATE OF FLORIDA — PROFESSIONAL ENGINEER
2026.03.31 09:30:04-04'00'
SEAL

DIGITAL SIGNATURE

REVISIONS:

CONTRACT DOCUMENTS FOR:
SUNRISE EVENT CENTER
FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

ELECTRICAL PANEL SCHEDULES

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
100%CD	03/27/26	NL DG

THIS DRAWING HAS BEEN ISSUED ON THE DATE SHOWN & FOR THE PURPOSE NOTED

JOB FILE NUMBER:
25-124

E701

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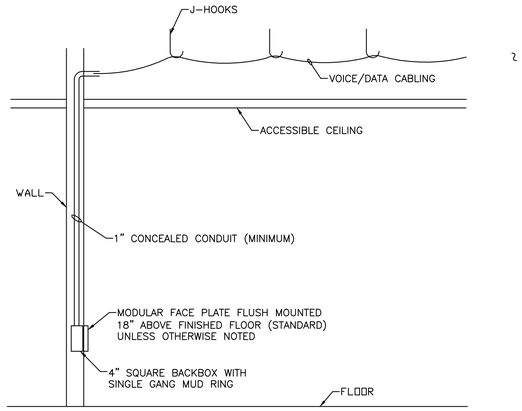
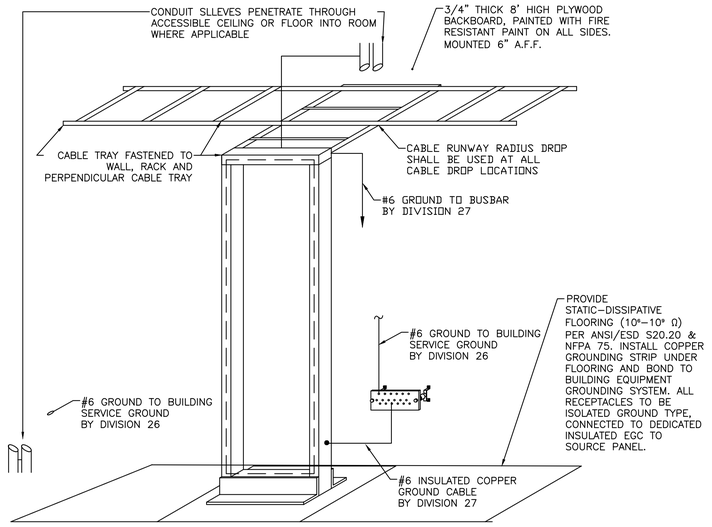


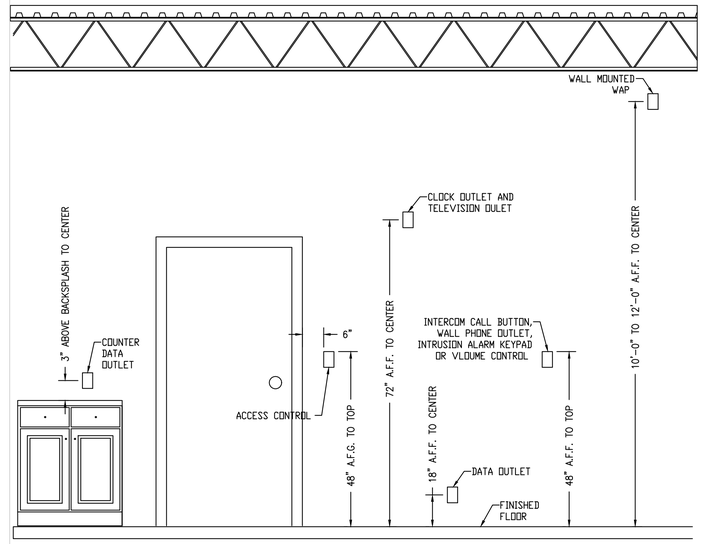
1 TYPICAL FLUSH OUTLET, CONDUIT AND CABLING DETAIL

NTS



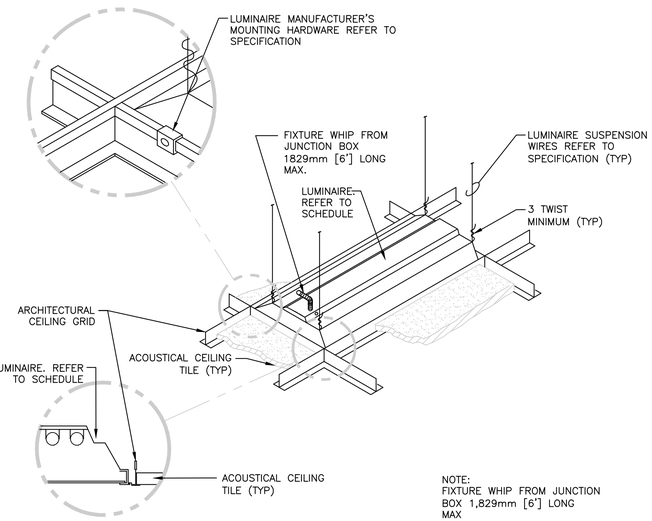
2 TYPICAL OUTLET, CONDUIT AND CABLING

NTS



3 TYPICAL OUTLET MOUNTING HEIGHTS

NTS



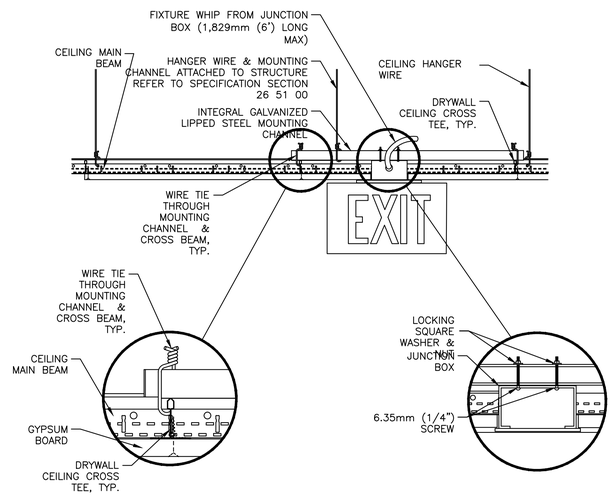
NOTE:
FIXTURE WHIP FROM JUNCTION
BOX 1,829mm [6'] LONG
MAX

NOTE:

1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

4 TYPICAL LUMINAIRE MOUNTING - LAY-IN CEILING DETAIL

NTS

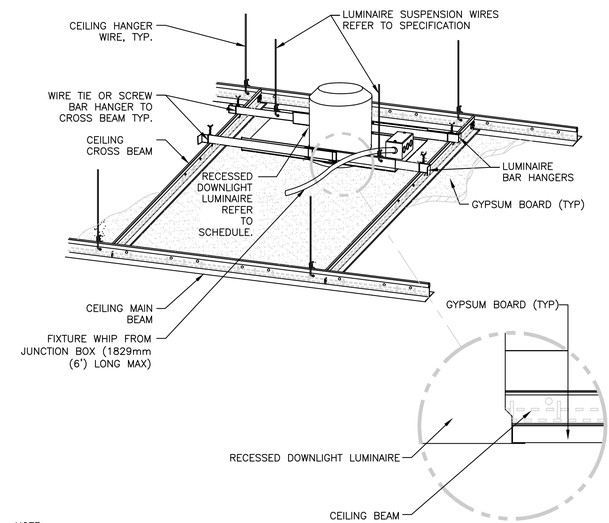


GENERAL NOTE:

1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

5 EXIT SIGN MOUNTING - GYPBOARD CEILING

NTS



NOTE:

1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

6 TYPICAL DOWNLIGHT MOUNTING - GYPBOARD CEILING DETAIL

NTS

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PROFESSIONAL ENGINEER
2026.03.31 09:49:31 -04'00'
SEAL

DIGITAL SIGNATURE

REVISIONS:

CONTRACT DOCUMENTS FOR:
SUNRISE EVENT CENTER
FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

ELECTRICAL DETAILS

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
100%CD	03/27/26	NL/DG

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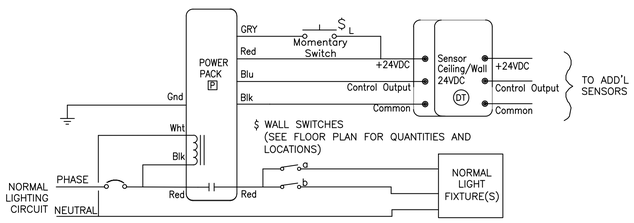
JOB FILE NUMBER:
25-124

E801

P – POWER PACK. MUST BE GROUNDED FOR CIRCUIT INTEGRITY. WATTSTOPPER BZ–250 OR EQUAL
DT – DUAL TECHNOLOGY OCCUPANCY SENSOR WATTSTOPPER DT–305 OR EQUAL
SL – LOW VOLTAGE TRIGGER SWITCH HUBBELL 1557 OR EQUAL

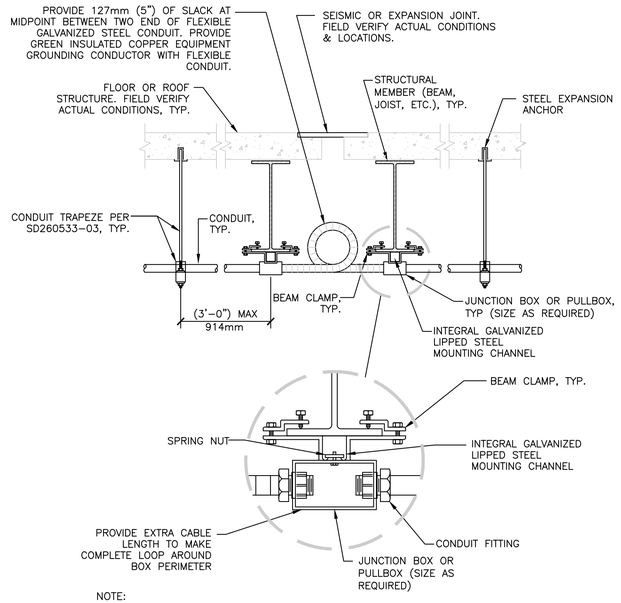


NOTE:

INDIVIDUAL ROOM LIGHTING CONTROL DEVICES MAY VARY, SEE FLOOR PLANS FOR SWITCH AND/OR OCCUPANCY SENSOR TYPES. TYPICAL POWER PACK, OCCUPANCY SENSOR AND SWITCH SHOWN.

1 TYPICAL ROOM CONTROL OCCUPANCY AND SWITCHING DETAIL

NTS

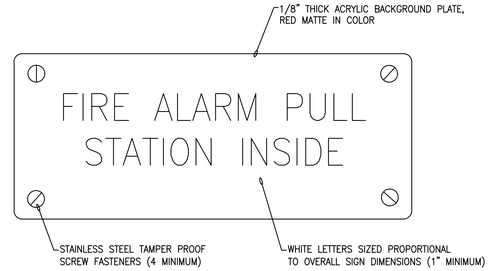


NOTE:

1. DETAIL IS APPLICABLE ONLY FOR CONDUIT SMALLER THAN 76mm (3").

2 TYPICAL CONDUIT EXPANSION JOINT CROSSING - FLEXIBLE CONDUIT DETAIL

NTS

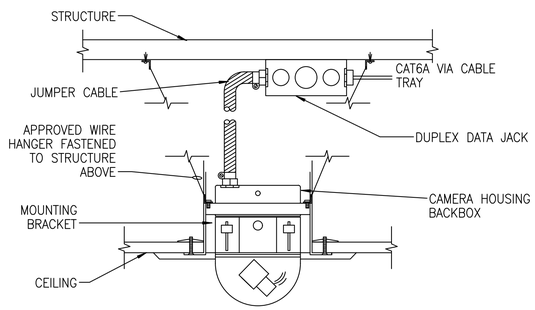


DETAIL NOTES:

1. ALL INTERIOR FIRE ALARM PULL STATIONS SHALL HAVE SIGNS AT THE NEAREST EXTERIOR DOOR.

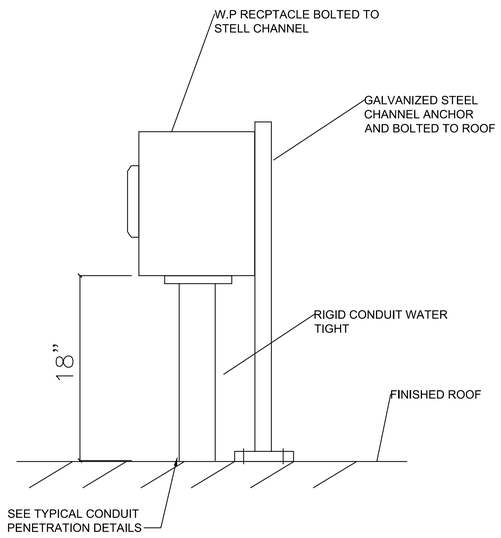
3 FIRE ALARM PULL STATION SIGN DETAIL

NTS



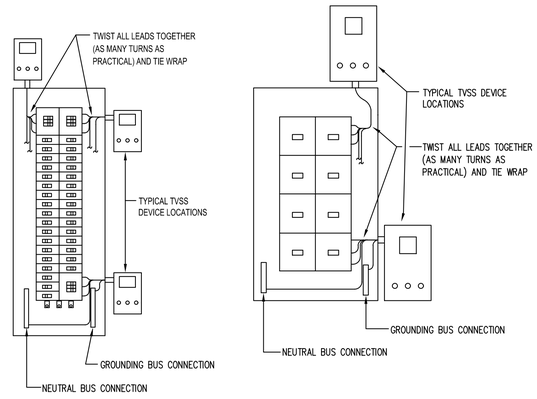
4 TYPICAL INTERIOR CEILING CAMERA MOUNT

NTS



5 TYPICAL ROOF RECEPTACLE MOUNTING DETAIL

NTS



NOTE: MOUNT TVSS DEVICE IN A LOCATION TO MAINTAIN LEADS AS SHORT AS POSSIBLE. (24" MAX.)

6 TVSS INSTALLATION

NTS

ELITE ENGINEERING GROUP
MEP ENGINEERS
https://EliteEngineering.Group
T: 786-354-8617
T: 803-367-2871

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DAVID GONZALEZ LICENSED No 98464 STATE OF FLORIDA PROFESSIONAL ENGINEER
2026.03.31 08:40:32-04'00'
SEAL

DIGITAL SIGNATURE

REVISIONS:

CONTRACT DOCUMENTS FOR:
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MECHANICAL ABBREVIATIONS, AIR SYSTEMS, HYDRONICS AND CONTROLS SYMBOLS LEGEND

A/E	ARCHITECT / ENGINEER
AAV	AUTOMATIC AIR VENT
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AFMS	AIR FLOW MEASURING STATION
AHU	AIR-HANDLING UNIT
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
CAV	CONSTANT AIR VOLUME
CC	COOLING COIL
CD	CONSTRUCTION DOCUMENT
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
CO2	CARBON DIOXODE
COP	COEFFICIENT OF PERFORMANCE
CU	CONDENSING UNIT
CV	CONSTANT VOLUME
DB	DECIBELS
DCW	DOMESTIC COLD WATER
DD	DESIGN DEVELOPMENT
DDC	DIRECT DIGITAL CONTROLS
DEG	DEGREE
DIA	DIAMETER
DP	DIFFERENTIAL PRESSURE
DX	DIRECT EXPANSION
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EDH	ELECTRIC DUCT HEATER
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EX	EXISTING
F	FAHRENHEIT
F/SD	COMBINATION FIRE SMOKE DAMPER
FA	FREE AREA
FD	FLOOR DRAIN
FD	FIRE DAMPER
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT	FEET
FT WC	FEET OF WATER COLUMN
GAL	GALLONS
GIV	GRAVITY INTAKE VENTILATOR
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GRV	GRAVITY RELIEF VENTILATOR
HC	HEATING COIL
HOA	HAND/OFF/AUTOMATIC
HP	HORSEPOWER
HSTAT	HUMIDISTAT
I/O	INPUT/OUTPUT
IAQ	INDOOR AIR QUALITY
ID	INSIDE DIAMETER
IN	INCHES
IN HG	INCHES OF MERCURY
IN WC	INCH WATER COLUMN
IPLV	INTEGRATED PART LOAD VALUE
KW	KILOWATT
KWH	KILOWATT HOUR
LAT	LEAVING AIR TEMPERATURE
LF	LINEAR FOOT (FEET)
LVG	LEAVING
LVR	LOUIVER
LWT	LEAVING WATER TEMPERATURE
MAU	MAKE-UP AIR UNIT
MBH	1,000 BTUH
MCA	MINIMUM BRANCH CIRCUIT AMPACITY
MERV	MINIMUM EFFICIENCY REPORTING VALUE
MH	MANHOLE
NC	NOISE CRITERIA
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NOA	NOTICE OF ACCEPTANCE
NOM	NOMINAL
NPLV	NON-STANDARD PART LOAD VALUE
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
PD	PRESSURE DROP
PPM	PARTS PER MILLION
PRV	PRESSURE REGULATING VALVE
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH – ABSOLUTE
PSIG	POUNDS PER SQUARE INCH – GAGE
RA	RETURN AIR
RH	RELATIVE HUMIDITY
RHG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID LINE
RLA	RUN LOAD AMPERE
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION
RTU	ROOF TOP UNIT
SA	SUPPLY AIR
SAT	SUPPLY AIR TEMPERATURE
SD	SMOKE DETECTOR
SD	SCHEMATIC DESIGN
SEN	SENSIBLE HEAT
SP	STATIC PRESSURE
SQ FT	SQUARE FOOT (FEET)
SS	STAINLESS STEEL
TAB	TESTING, ADJUSTING, BALANCE
TDH	TOTAL DYNAMIC HEAD
TDS	TOTAL DISSOLVED SOLIDS
TSP	TOTAL STATIC PRESSURE
TSTAT	THERMOSTAT
UC	UNDER CUT
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORY
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
W	WATTS
WG	WATER GAGE
WPD	WATER SIDE PRESSURE DROP
YR	YEAR

T — ROOM THERMOSTAT - WALL MOUNT 48" AFF

H — ROOM HUMIDISTAT - WALL MOUNT 48" AFF

CO — CARBON DIOXIDE SENSOR

C — CARBON MONOXIDE SENSOR

SD — SMOKE DETECTOR

OC — OCCUPANCY SENSOR

EMS — HVAC CONTROL PANEL

CS — CURRENT SWITCH

MOTOR STARTER

M — ELECTRIC OPERATED CONTROL DAMPER

DIRECTION OF FLOW

REDUCER OR INCREASER

TOP CONNECTION, 45° OR 90°

BOTTOM CONNECTION, 45° OR 90°

SIDE CONNECTION

CAPPED OUTLET

RISE OR DROP IN PIPE

UNION

PIPE UP

PIPE DOWN

THERMOMETER

PRESSURE GAGE

VENTURI FLOW METER

TEST PLUG (PRESSURE/TEMPERATURE)

AV — AUTOMATIC AIR VENT

MV — MANUAL AIR VENT

UC — 3/4" DOOR UNDERCUT

WYE STRAINER (WITH BALL VALVE & HOSE CONNECTION)

FLEXIBLE CONNECTION

BUTTERFLY VALVE

BALL VALVE

AUTOMATIC BALANCING CONTROL VALVE

PRESSURE REDUCING VALVE (PRV)

RL — REFRIGERANT LIQUID

RS — REFRIGERANT SUCTION

MW — MAKE-UP WATER

CD — CONDENSATE DRAIN LINE

V — VENT LINE

EXISTING TO REMAIN LINE

EXISTING TO DEMOLISH

CONNECT NEW PIPE TO EXISTING PIPE

LIMIT OF DEMOLITION

UP — DN SUPPLY DUCT (UP & DOWN)

UP — DN EXHAUST DUCT (UP & DOWN)

UP — DN RETURN DUCT (UP & DOWN)

ROUND AND SQUARE 4-WAY CEILING DIFFUSERS

LINEAR SLOT DIFFUSER

SUPPLY TOP REGISTER OR GRILLE (WALL TYPE)

EXHAUST OR RETURN CEILING REGISTER OR GRILLE

EXHAUST OR RETURN BOTTOM REGISTER OR GRILLE (WALL TYPE)

EXHAUST OR RETURN REGISTER OR TOP GRILLE (WALL TYPE)

CONNECT NEW DUCT TO EXISTING DUCT

UP — INCLINED RISE, IN DIRECTION OF AIR FLOW

DN — INCLINED DROP, IN DIRECTION OF AIR FLOW

LIMIT OF DEMOLITION

FLEXIBLE CONNECTION, EQUIPMENT, VIBRATION, OR SEISMIC

VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES EVEN IF SYMBOL IS MISSING)

STANDARD RADIUS ELBOW (LONG RADIUS)

10x8 — NEW DUCT (INSIDE DIMENSIONS: WIDTH x HEIGHT)

10/8 — NEW OVAL DUCT (INSIDE DIMENSIONS: WIDTHxDEPTH)

LOUVER (LOUVER SPECIFIED IN ARCHITECTURAL SECTION.)

FLEXIBLE DUCTWORK (INSULATED)

MANUAL VOLUME DAMPER

FIRE DAMPER

FIRE/SMOKE DAMPER

SMOKE DAMPER

A–350 — TYPE / CFM — AIR DISTRIBUTION LEGEND

SUPPLY — STANDARD BRANCH SUPPLY OR RETURN, NO SPLITTER (45° TAP)

RETURN — STANDARD BRANCH SUPPLY OR RETURN, NO SPLITTER (45° TAP)

DUCT MOUNTED COIL (ELECTRIC)

DUCT (INCLUDING WITH EXTERNAL INSULATION)

1 / M301 — DETAIL NUMBER / SHEET NUMBER

A / M301 — SECTION LETTER / SHEET NUMBER

NOTE: NOT ALL ABBREVIATIONS AND SYMBOLS ARE USED WITHIN THIS PROJECT

MECHANICAL GENERAL NOTES

1. MECHANICAL EQUIPMENT INSTALLED IS TO BE COORDINATED WITH ALL OTHER TRADES.
2. INSTALLATION OF ALL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS.
3. ALL EQUIPMENT, DUCTWORK, PIPING, ETC., SHALL BE SUPPORTED AS DETAILED. PLEASE REFER TO DETAILS SHEET AND CHECK MANUFACTURER RECOMMENDATIONS.
4. ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED; OFFSETS IN DUCTS AND PIPING (INCLUDING DIVIDING DUCTS), AND TRANSITIONS AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NOT ADDITIONAL COST.
5. ALL DUCTWORK AND PIPING IS SHOWN SCHEMATICALLY. PROVIDE ALL TRANSITIONS, ELBOWS, FITTINGS, ETC., TO ALLOW SMOOTH FLOWS. ALL SPLIT DUCT FITTINGS SHALL TRANSITIONS TO FULL SIZE OF THE SUM OF BOTH BRANCHES UPSTREAM OF THE SPLIT.
6. CONTRACTOR TO VERIFY FIELD CONDITIONS PRIOR FABRICATING CONSTRUCTION MATERIAL TO ENSURE PROPER FITMENT DUE TO EXISTING CONDITIONS.
7. DUCT SIZES SHOWN MINIMUM INSIDE DIMENSIONS.
8. WORK SHALL BE PERFORMED SHALL BE IN ACCORDANCE WITH THE 2023 FLORIDA MECHANICAL CODE (FMC) 8TH EDITION, LOCAL CODES AND OWNER STANDARDS.
9. COORDINATE WITH ARCHITECT PRIOR PURCHASING OF GRILLES, REGISTERS, DIFFUSERS, LOUVERS, AND OTHER AIR DISTRIBUTION DEVICES TO VERIFY FINISH.
10. COORDINATE INSTALLATION OF ALL DIFFUSERS WITH ALL TRADES.
11. PROVIDE TRANSITIONS AT DIFFUSER NECKS AS REQUIRED TO MATCH SIZES OF FLEX DUCTS TO BE CONNECTED. REFER TO DETAILS FOR FURTHER INFORMATION.
12. ALL EQUIPMENT SHALL NOT HAVE ANY DAMAGE AT THE TIME OF OWNER ACCEPTANCE.
13. DO NOT BLOCK ANY PANELS AND ROUTINE MAINTENANCE AT MECHANICAL EQUIPMENT. INSTALLATIONS OF ANY CONDUIT, JUNCTION BOXES, SENSORS, OR ANYTHING ELSE ON THE ACCESS PANELS OF THE AIR HANDLING UNITS IS NOT ALLOWED.
14. PROVIDE TEMPORARY FILTERS PRIOR UNIT START UP. FILTERS SHALL BE CHANGE PERIODICALLY (ONCE PER MONTH) UNTIL EQUIPMENT HAS BEEN TURNOVER TO OWNER. ONCE IS TURNED TO OWNER, PROVIDE FILTERS PER SCHEDULE AND SPECIFICATIONS.
15. CONTRACTOR SHALL PROVIDE ALL MANUFACTURER INSTALLATION/MAINTENANCE MANUALS FOR ALL EQUIPMENT INSTALLED FOR ENGINEER TO REVIEW BEFORE.
16. THE PLANS ARE INTENDED AS A GENERAL DESCRIPTION OF THE WORK TO BE PERFORMED. ALL ITEMS NOT SPECIFICALLY MENTIONED OR SHOWN, BUT NECESSARY FOR THE COMPLETION OF THE INSTALLATION, SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. THIS CONTRACTOR SHALL THOROUGHLY ACQUAINT HIMSELF WITH THE MECHANICAL, ARCHITECTURAL, ELECTRICAL, AND STRUCTURAL PLANS BEFORE SUBMITTING HIS FINAL BID, NOT ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO THE CONSTRICTOR'S FAILURE TO FAMILIARIZE HIMSELF WITH THE PLANS.
17. IF, THROUGH ERRORS OR OMISSIONS, THE INTENT OF ARCHITECT/ENGINEER WITH REGARD TO ANY DETAIL IS NOT CLEAR, OR IS CAPABLE OF MORE THAN ONE INTERPRETATION, SUCH MATTERS WILL BE BROUGHT TO THE ATTENTION OF THE ENGINEER/ARCHITECT IN WRITING BEFORE THE SUBMISSION OF BIDS, AND THE ARCHITECT/ENGINEER SHALL MAKE CORRECTIONS OR EXPLANATIONS IN WRITING. OTHERWISE NOT EXTRA CHARGE WILL BE ALLOWED FOR THE WORK OR MATERIAL WHICH THE ARCHITECT/ENGINEER WILL REQUIRE. PROVIDED THAT IT COMES WITHIN A REASONABLE INTERPRETATION OF THE DRAWINGS AND SPECIFICATIONS.
18. ALL EQUIPMENT WARRANTIES SHALL BEGIN ON THE DATE OF THE PROJECT SUBSTANTIAL COMPLETION. ALL WARRANTIES SHALL BEGIN ON THE DATE OF THE FINAL ACCEPTANCE OF THE PROJECT BY OWNER. ROOFING WARRANTY SHALL BE MAINTAINED AS RESULT OF ANY ROOFING PENETRATION, CURB MODIFICATION.

DESIGN CONDITIONS

TEMPERATURE CONDITIONS

OUTDOOR

	DRY BULB (DEG.F)	WET BULB (DEG.F)
SUMMER	91.5	77
WINTER	37.1	31.2
DAILY RANGE	15.3	X

CONDITIONS BASED ON ASHRAE WEATHER DATA FOR DESIGN LOCATION

INDOOR

OCCUPANCY	DRY BULB (DEG.F)	RH (%)
OCCUPIED COOLING	74	50
OCCUPIED HEATING	68	X
UNOCCUPIED COOLING	80	55-60
UNOCCUPIED HEATING	60	X

1. THIS PROJECT IS DESIGNED UNDER THE 2023 FLORIDA BUILDING CODE AND 2023 FLORIDA FIRE PREVENTION CODE
2. VENTILATION IS BASED ON OCCUPANCY PER 2019 ASHRAE STANDARD 62.1
3. ENVELOPE AND EQUIPMENT EFFICIENCIES ARE BASED ON 2019 ASHRAE STANDARD 90.1 AND THE 2023 FLORIDA ENERGY CONSERVATION CODE

SCOPE OF WORK

- PROVIDE (1) NEW RTU SYSTEM AND ALL ASSOCIATED COMPONENTS.
- PROVIDE (5) NEW HEAT PUMP SPLIT SYSTEMS AND ALL ASSOCIATED COMPONENTS.
- PROVIDE (1) NEW HEAT PUMP DUCTLESS SPLIT SYSTEM AND ALL ASSOCIATED COMPONENTS.
- PROVIDE NEW DIFFUSERS, GRILLES AND DUCTWORK AS SHOWN.
- PROVIDE TESTING AND BALANCING FOR THE EXISTING SYSTEMS.

MECHANICAL SHEET INDEX

M001	MECHANICAL GENERAL NOTES & LEGEND.
MD201	MECHANICAL DEMO PLAN.
M201	MECHANICAL FLOOR PLAN.
M202	MECHANICAL ROOF PLAN.
M701	MECHANICAL CONTROLS & SCHEDULE.
M801	MECHANICAL DETAILS.
M802	MECHANICAL DETAILS.

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SEAL

This item has been digitally signed and sealed by NICHOLAS LOPEZ on the date adjacent to the seal. Signature must be verified on any electronic copies.

DIGITAL SIGNATURE

REVISIONS:

CONTRACT DOCUMENTS FOR:

SUNRISE EVENT CENTER

FORT PIERCE REDEVELOPMENT AGENCY

ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION

MECHANICAL GENERAL NOTES & LEGEND

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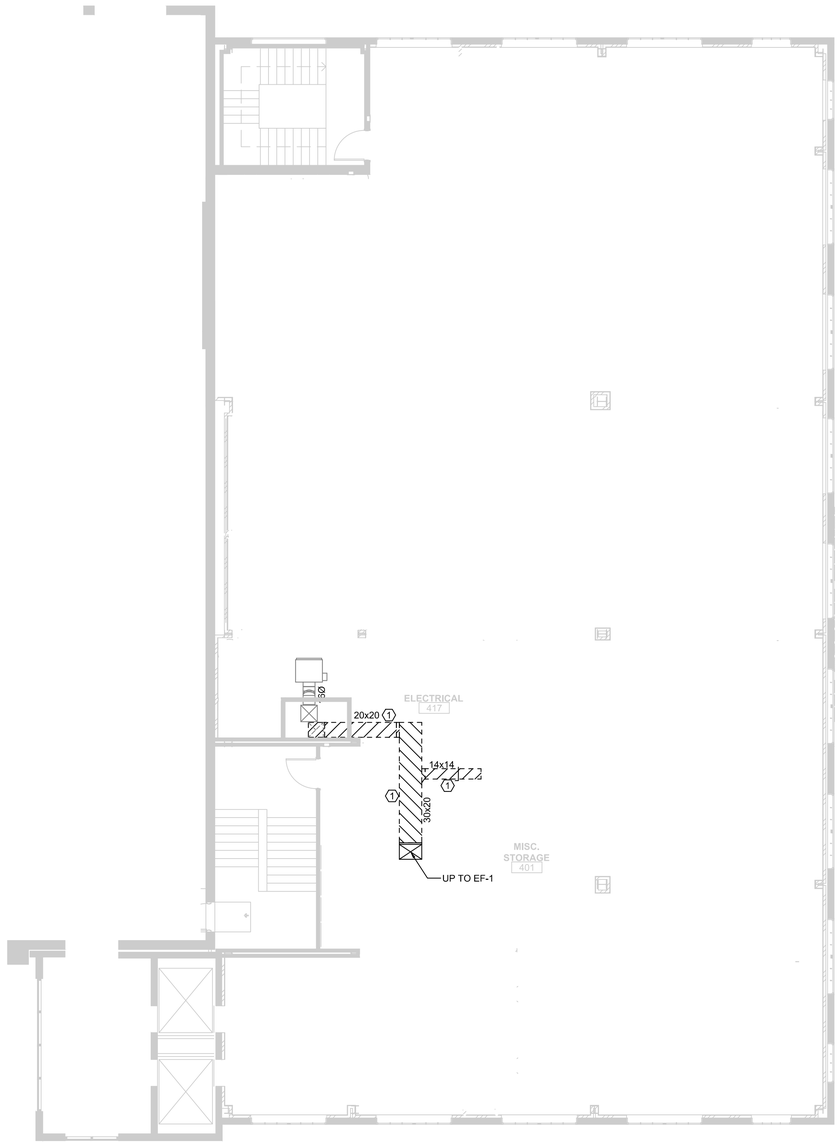
M001



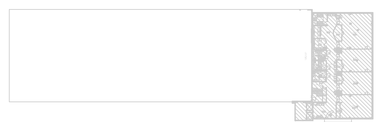
1 MECHANICAL DEMO PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES

a. REFER TO SHEET M001 FOR GENERAL NOTES AND SYMBOLS LEGEND.
b. COORDINATE WORK SCHEDULE WITH PROJECT MANAGER.
c. LOCATE EQUIPMENT IN SUCH WAY THAT THE MANUFACTURER CLEARANCES ARE ALWAYS MAINTAINED.
d. DRAWINGS ARE SCHEMATIC AND REPRESENT THE GENERAL LAYOUT OFT THE MECHANICAL EQUIPMENT. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS OF THE BUILDING.

(#) PLAN KEY NOTES

1. DEMOLISH EXISTING EXHAUST DUCTWORK AND ALL ASSOCIATED COMPONENTS. REFER TO PLAN M201 TO SEE NEW DIMENSIONS AND CONFIGURATIONS OF THE EXHAUST DUCTWORK.



2 KEYPLAN
SCALE: N.T.S.

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MECHANICAL DEMO PLAN

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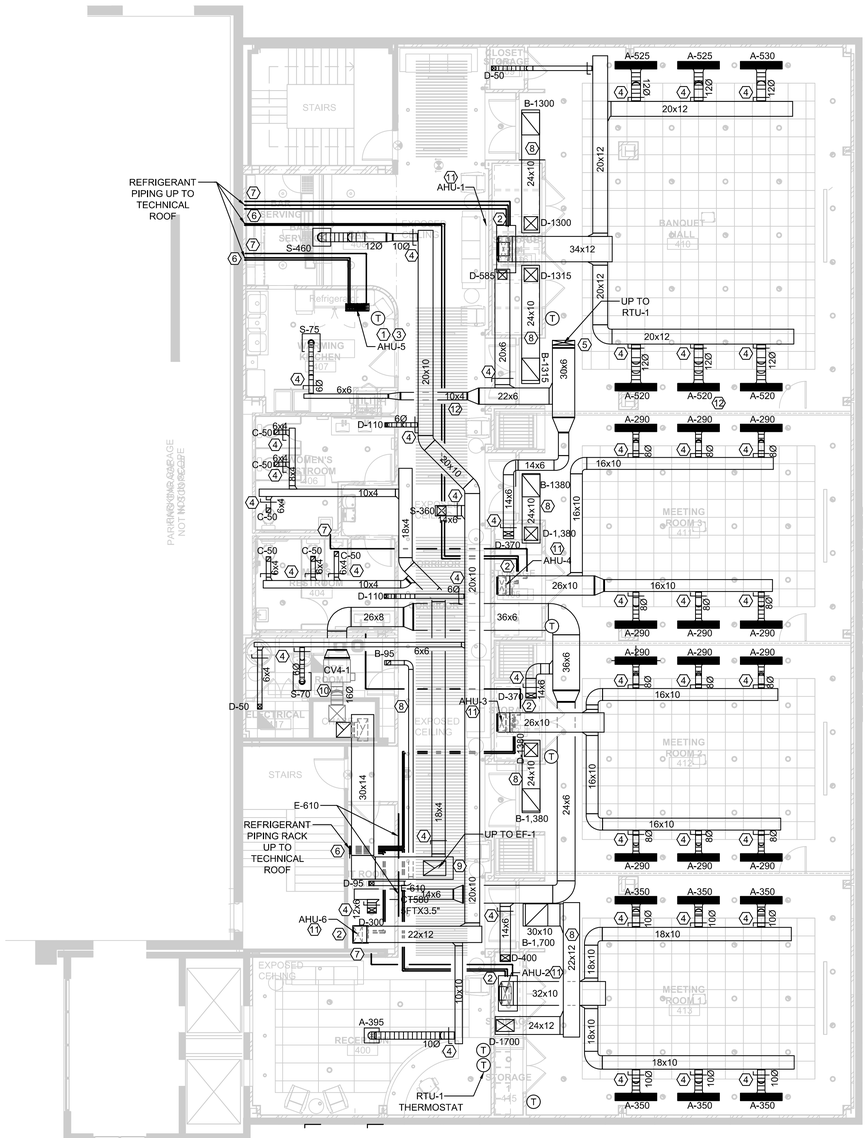
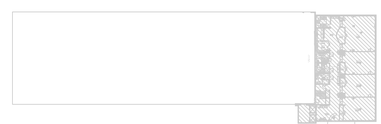
MD201



1 MECHANICAL FLOOR PLAN

SCALE: 1/8" = 1'-0"



2 KEYPLAN

GENERAL NOTES

a. REFER TO SHEET M001 FOR GENERAL NOTES AND SYMBOLS LEGEND.

b. COORDINATE WORK SCHEDULE WITH PROJECT MANAGER.

c. LOCATE EQUIPMENT IN SUCH WAY THAT THE MANUFACTURER CLEARANCES ARE ALWAYS MAINTAINED.

d. DRAWINGS ARE SCHEMATIC AND REPRESENT THE GENERAL LAYOUT OFT THE MECHANICAL EQUIPMENT. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS OF THE BUILDING.

(#) PLAN KEY NOTES

1. PROVIDE NEW SPLIT WALL UNIT AND ALL ASSOCIATED COMPONENTS.
2. PROVIDE NEW LIQ/SUCTION/CONDENSATE PIPING. ALL PIPING ROUTED DOWN THE EXTERIOR OF THE WALL SHALL BE COVERED WITH AN ALUMINIUM CHASE. COORDINATE WITH ARCHITECT AND OWNER COLORS FOR PAINTING THE CHASE TO MATCH THE BUILDING.
3. PROVIDE INTEGRATED CONDENSATE PUMP FOR DUCTLESS AHU.
4. PROVIDE A NEW MANUAL DAMPER.
5. CONFIRM DUCT ROUTING AND FLOOR PENETRATION LOCATION.
6. CONFIRM REFRIGERANT PIPING ROUTING TO INDOOR AIR HANDLER UNITS LOCATED AT 4TH FLOOR.
7. VERIFY THE DRAIN DISCHARGE FOR EACH AHU LOCATED AT 4TH FLOOR.
8. TRANSFER DUCT.
9. USE EXISTING EXHAUST FAN EF-1 TO GENERAL EXHAUST AT 4TH FLOOR.
10. USE EXISTING SUPPLY SYSTEM DOAS-1 TO GENRAL VENTILATION OF MEETING ROOM 1, MEETING ROOM 2 AND GENERAL SERVICES.
11. PROVIDE NEW AIR HANDLER UNIT AND ALL ASSOCIATED COMPONENTS.
12. CONTRACTOR TO RAISE EXISTING REFRIGERANT PIPING AS CLOSE TO DECK AS POSSIBLE. CONTRACTOR SHALL FILE VERIFY ANY AND ALL CONSTRAINTS AND SHALL SCHEDULE THE WORK TO MINIMIZE DOWN TIME TO OTHER TENANTS.

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REVISIONS:

CONTRACT DOCUMENTS FOR:
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FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION
MECHANICAL FLOOR PLAN

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
100%CD	03/27/26	DG NL

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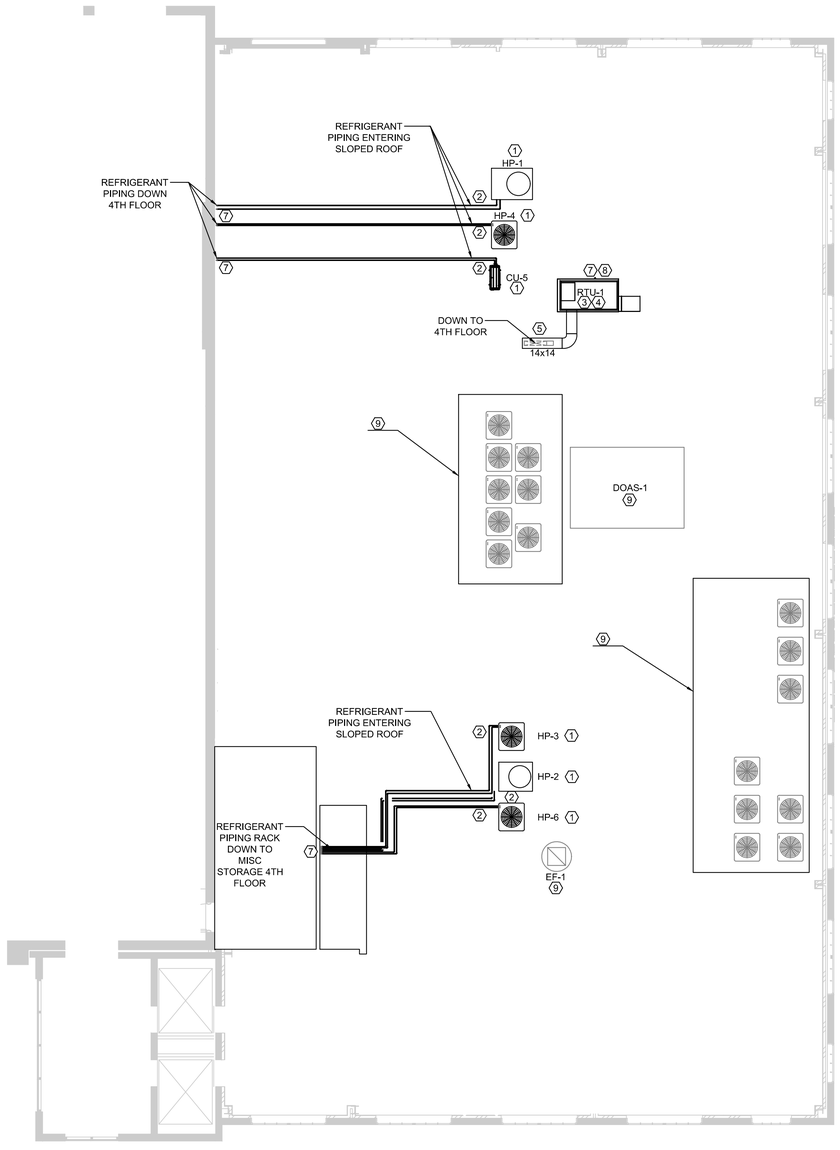
JOB FILE NUMBER:
25-124

M201



1 MECHANICAL ROOF PLAN
SCALE:1/8" = 1'-0"

GENERAL NOTES

a. REFER TO SHEET M001 FOR GENERAL NOTES AND SYMBOLS LEGEND.
b. COORDINATE WORK SCHEDULE WITH PROJECT MANAGER.
c. LOCATE EQUIPMENT IN SUCH WAY THAT THE MANUFACTURER CLEARANCES ARE ALWAYS MAINTAINED.
d. DRAWINGS ARE SCHEMATIC AND REPRESENT THE GENERAL LAYOUT OFT THE MECHANICAL EQUIPMENT. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS OF THE BUILDING.

(#) PLAN KEY NOTES

1 PROVIDE A NEW HEAT PUMP AND ALL ASSOCIATED COMPONENTS. PROVIDE ON CONCRET PAD EXTENDING 6" MIN BEYOND EQUIPMENT EDGES.
2 PROVIDE NEW LIQ/SUCTION/CONDENSATE PIPING. ALL PIPING ROUTED DOWN THE EXTERIOR OF THE WALL SHALL BE COVERED WITH AN ALUMINIUM CHASE. COORDINATE WITH ARCHITECT AND OWNER COLORS FOR PAINTING THE CHASE TO MATCH THE BUILDING.
3 PROVIDE A NEW 100% OA RTU WITH COOLING COIL AND ALL ASSOCIATED COMPONENTS AND PIPING. PROVIDE ON A CONCRETE PAD EXTENDING MINIMUM 6" BEYOND ALL SIDES OF THE RTU.
4 PROVIDE STAINLESS STEEL CONDENSATE DRAIN PAN.
5 CONFIRM DUCT ROUTING AND FLOOR PENETRATION LOCATION.
6 CONFIRM REFRIGERANT PIPING ROUTING TO INDOOR AIR HANDLER UNITS LOCATED AT 4TH FLOOR.
7 PROVIDE A NEW DIFFERENTIAL PRESSURE ANALOG GAUGE FOR THE RTU.
8 VERIFY WITH THE RTU MANUFACTURER THE SUPPLY DUCT SIDE AND DIMENSIONS BASED ON THE MECHANICAL PLANS.
9 EXISTING HVAC EQUIPMENT.

2 KEYPLAN

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DWG IDENTIFICATION
MECHANICAL ROOF PLAN

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JOB FILE NUMBER:
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DIFFUSERS & GRILLES SCHEDULE

TAG	MANUFACTURER	MODEL	TYPE	CFM RANGE	MAX CFM/FT	SIZE	NECK SIZE (DIA.)	NECK VELOCITY	NOTES
A	TITUS	ML-39	FIVE SLOT LINEAR DIFFUSER	0-350	78	AS SHOWN	AS SHOWN	600	1, 2, 3, 4
		ML-39	FIVE SLOT LINEAR DIFFUSER	0-290	65	AS SHOWN	AS SHOWN	600	1, 2, 3, 4
		ML-39	FIVE SLOT LINEAR DIFFUSER	0-530	118	AS SHOWN	AS SHOWN	600	1, 2, 3, 4
B	TITUS	3FL	PARALLEL BLADES RETURN GRILLE	0-95	-	6"X6"	AS SHOWN	600	1, 2, 3, 4
		3FL	PARALLEL BLADES RETURN GRILLE	0-1380	-	30"X24"	AS SHOWN	600	1, 2, 3, 4
		3FL	PARALLEL BLADES RETURN GRILLE	0-1315	-	30"X24"	AS SHOWN	600	1, 2, 3, 4
		3FL	PARALLEL BLADES RETURN GRILLE	0-1300	-	30"X24"	AS SHOWN	600	1, 2, 3, 4
		3FL	PARALLEL BLADES RETURN GRILLE	0-1700	-	30"X30"	AS SHOWN	600	1, 2, 3, 4
C	TITUS	3FL	PARALLEL BLADES RETURN GRILLE	0-50	-	6"X6"	AS SHOWN	600	1.4
D	TITUS	272FL	DOUBLE DEFLECTION SUPPLY GRILLE	0-1300	-	18"X18"	AS SHOWN	600	1.4
		272FL	DOUBLE DEFLECTION SUPPLY GRILLE	0-1315	-	18"X18"	AS SHOWN	600	1.4
		272FL	DOUBLE DEFLECTION SUPPLY GRILLE	0-1380	-	18"X18"	AS SHOWN	600	1.4
		272FL	DOUBLE DEFLECTION SUPPLY GRILLE	0-1700	-	24"X16"	AS SHOWN	600	1.4
		272FL	DOUBLE DEFLECTION SUPPLY GRILLE	0-50	-	6"X6"	AS SHOWN	600	1.4
		272FL	DOUBLE DEFLECTION SUPPLY GRILLE	0-300	-	12"X6"	AS SHOWN	600	1.4
		272FL	DOUBLE DEFLECTION SUPPLY GRILLE	0-370	-	14"X6"	AS SHOWN	600	1.4
		272FL	DOUBLE DEFLECTION SUPPLY GRILLE	0-400	-	12"X8"	AS SHOWN	600	1.4
		272FL	DOUBLE DEFLECTION SUPPLY GRILLE	0-50	-	6"X6"	AS SHOWN	600	1.4
		272FL	DOUBLE DEFLECTION SUPPLY GRILLE	0-585	-	12"X12"	AS SHOWN	600	1.4
S	TITUS	TMS-AA	SQUARE CEILING DIFUSSER	218-436	-	20"X20"	10"	600	1, 2, 3, 4
		TMS-AA	SQUARE CEILING DIFUSSER	0-150	-	24"X24"	6"	600	1, 2, 3, 4
		TMS-AA	SQUARE CEILING DIFUSSER	280-430	-	24"X24"	10"	600	1, 2, 3, 4
		TMS-AA	SQUARE CEILING DIFUSSER	430-550	-	24"X24"	12"	600	1, 2, 3, 4
		TDC	4WAY SUPPLY DIFFUSER	0-360	-	12"X12"	AS SHOWN	600	1, 2, 3, 4

NOTES
1 ALL AIR DEVICES TO BE ALUMINUM MATERIAL
2 PROVIDE ALL LINEAR SLOT DIFFUSERS WITH FACTORY PLENUM
3 ALL LINEAR SLOT DIFFUSERS TO UTILIZE OVAL CONNECTIONS
4 MAXIMUM NC LEVEL 30

PACKAGE ROOFTOP UNIT SCHEDULE

TAG	FAN				COOLING COIL								HEATING		EQUIPMENT											NOTES
	TOTAL AIRFLOW (CFM)	VENTILATION AIRFLOW		ESP (IN.WC.)	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	NO. OF STAGES	REFR.	AIR				TYPE	CAPACITY (KW)	ELECTRICAL			FILTER(S)		MOTORIZED DAMPERS		DIMENSIONS			MFG.	MODEL	
		MIN (CFM)	MAX (CFM)						EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)			V/PH	MCA	MOP	PRE FILTER (MERV)	MAIN FILTER (MERV)	RETURN AIR (Y/N)	OUTSIDE AIR (Y/N)	L (IN)	W (IN)	H (IN)			
RTU-1	1030	500	1030	0.90	73.4	35.6	-	R-454B	90.3	77.3	56.7	56.5	-	-	208/3	26.7	40	-	8	N	Y	82	44	60	GREENHECK	RV-20-5-1	1 TO 10

NOTES
1 PROVIDE WITH FACTORY DISCONNECT.
2 PROVIDE WITH SINGLE POINT CONNECTION.
3 PROVIDE WITH MERV 8 THROW AWAY FILTERS.
4 ALL MOTORIZED DAMPERS TO BE OPPOSED BLADE DAMPERS.
5 PROVIDE STAINLESS STEEL CONDENSATE DRAIN PAN.
6 ALL UNITS SHALL BE PROVIDED WITH A WATER LEVEL DETECTION DEVICE CAPABLE OF SHUTTING OFF THE AHU IN THE EVENT THE PRIMARY DRAIN IS BLOCKED.
7 ALL UNITS SHALL BE MINIMUM R-13 CONSTRUCTION.
8 MAXIMUM COIL FACE VELOCITY OF TO BE 500 FPM.
9 CONSTRUCTION AND ACCESSORIES TO BE RATED FOR OUTDOOR CONDITIONS INCLUDING MINIMUM NEMA 3R RATED CONTROLS ENCLOSURES.
10 PROVIDE WITH FACTORY COIL COATING.

SPLIT SYSTEMS

TAG	MFG	COOLING		AIR HANDLER													CONDENSING UNIT										
		TOTAL MBH	SENSIBLE MBH	TAG	MODEL	CFM	OA	ESP	COIL EAT (DEG. F.)		COIL LAT (DEG.F)		ELECTRICAL				WEIGHT (LBS)	DIMENSIONS (IN)	TAG	COMPRESSOR		ELECTRICAL				MODEL	REFR.	WEIGHT (LBS)	DIMENSIONS (IN)
									DB	WB	DB	WB	VOLT	PHASE	MCA	MOP				QTY	TYPE	VOLT	PHASE	MCA	MOP				
AHU-1/HP-1	TRANE	117.88	63.74	AHU-1	TWE120K3AAA	3200	585	0.9	72.4	66.2	54.62	54.29	208	3	9	15	439.8	63.5"X25.5"X54.1"	HP-1	1	HEAT PUMP	208	3	45	70	TWA120K3A	R454B	439.8	52"X40"X44.75"
AHU-2/HP-2	TRANE	78.27	41.52	AHU-2	TWE072K3BAA	2100	395	0.9	71.6	65.8	53.97	53.62	208	3	9	15	373	47.5"X25.5"X54.1"	HP-2	1	HEAT PUMP	208	3	35	45	TWA072K3DAA	R454B	395	52"X40"X39.12"
AHU-3/HP-3	TRANE	57.2	28.80	AHU-3	5TEM6D066V41	1750	370	0.9	72	66.1	56.7	55.3	208	1	9	15	174	23.5"X21.1"X57.4"	HP-3	1	HEAT PUMP	200	3	22.8	35	5TWA4060A3	R454B	251	37.3"X34.3"X45.2"
AHU-4/HP-4	TRANE	58	27.20	AHU-4	5TEM6D066V41	1750	370	0.9	72	67	57.6	56.3	208	1	9	15	174	23.5"X21.1"X57.4"	HP-4	1	HEAT PUMP	200	3	22.8	35	5TWA4060A3	R454B	251	37.3"X34.3"X45.2"
AHU-6/HP-6	TRANE	41.6	31.80	AHU-6	5TEM4D05AC41	1575	350	0.9	72	60.1	53.2	50.3	208	1	5	15	138	23.5"X21.1"X51.3"	HP-6	1	HEAT PUMP	200	3	18.1	30	5TWA4048A3	R454B	251	37.3"X34.3"X45.2"

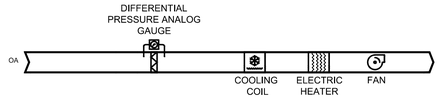
NOTES
1 BASIS OF DESIGN: TRANE OR APPROVED EQUAL
2 PROVIDE WITH SINGLE POINT CONNECTION
3 PROVIDE WITH MERV 8 THROW AWAY FILTERS
4 PROVIDE STAINLESS STEEL CONDENSATE DRAIN PAN.
5 ALL UNITS SHALL BE PROVIDED WITH SAFETY FLOAT SWITCH
6 INSTALL PER MANUFACTURER RECOMMENDATIONS INCLUDING TIME DELAY SWITCHES TO PREVENT SHORT CYCLING
7 PROVIDE WITH AHU FACTORY INSTALLED CICUIT BREAKER
8 PROVIDE WITH PROGRAMMABLE THERMOSTAT

SPLIT SYSTEM SCHEDULE

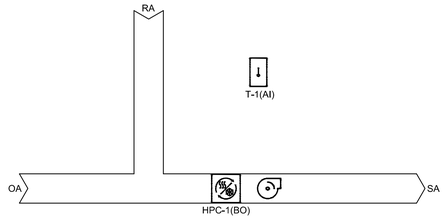
TAG	MANUFACTURER	COOLING		SEER2	AIR HANDLER											CONDENSING UNIT										
		TOTAL MBH	SENSIBLE MBH		TAG	MODEL	CFM	COIL EAT (DEG. F.)		COIL LAT (DEG.F)		ELECTRICAL				WEIGHT (LBS)	DIMENSIONS (IN)	TAG	COMPRESSOR		ELECTRICAL				MODEL	REFRIGERANT	WEIGHT (LBS)	DIMENSIONS (IN)
								DB	WB	DB	WB	HEAT (KW)	VOLT	PHASE	MCA				QTY	TYPE	VOLT	PHASE	MCA	MOP				
AHU-5	MITSUBISHI ELECTRIC/TRANE	14.1	10.6	22.2	AHU-5	MUZ-GX15NL	528	75.2	64.5	58.8	55.4	N/A	208	1	1	23	31.4"X9.7"X11.8"	CU-1	1	TWIN ROTATORY	208	1	16	28	MSZ-GX15NL	R454B	81	31.5X"11.25"X21.7"

NOTES
1 BASIS OF DESIGN: MITSUBISHI ELECTRIC/TRANE OR APPROVED EQUAL
2 PROVIDE WITH SINGLE POINT CONNECTION
3 PROVIDE WITH MERV 8 THROW AWAY FILTERS
4 PROVIDE WITH MULTI TAP ECM MOTOR
5 ALL UNITS SHALL BE PROVIDED WITH SAFETY FLOAT SWITCH
6 INSTALL PER MANUFACTURER RECOMMENDATIONS INCLUDING TIME DELAY SWITCHES TO PREVENT SHORT CYCLING
7 PROVIDE WITH AHU FACTORY INSTALLED CICUIT BREAKER
9 THE POWER OF THE AHU-5 WILL BE SUPPLIED BY THE CU-5 BETWEEN THE TERMINALS S1-S2
10 THE MAXIMUN POWER INPUT OF THE CU-5 IS 2.2 kW
11 PROVIDE INTEGRATED CONDENSATE PUP FOR THE DUCTLESS AHU
11 PROVIDE WITH PROGRAMMABLE THERMOSTAT

THERMOSTAT



①ROOFTOP UNIT SEQUENCE OF OPERATION



②SPLIT SYSTEM HEAT PUMP CONTROLS

SEQUENCE OF OPERATION: RTU

COOL MODE:
WHEN THE SPACE TEMPERATURE RISES ABOVE THE OCCUPIED COOLING SETPOINT THE MODE SHALL TRANSITION TO COOLING IF THE SPACE TEMPERATURE SENSOR FAILS THE MODE SHALL REMAIN IN ITS LAST STATE IF THE LOCAL AND COMMUNICATED SETPOINTS FAIL THE CONTROLLER SHALL DISABLE THE SUPPLY FAN.

OCCUPIED
THE RTU MUST RUN CONTINUOUSLY TO MAINTAIN MINIMUM VENTILATION REQUIEREMNTS DURING OCCUPPIED HOURS OR EVENTS.

SEQUENCE OF OPERATION: SPLIT SYSTEM HEAT PUMP

OCCUPIED:
DURING OCCUPIED PERIODS, THE SUPPLY FAN SHALL RUN CONTINUOUSLY AND THE OUTSIDE AIR DAMPER SHALL OPEN TO MAINTAIN MINIMUM VENTILATION REQUIREMENTS. UPON A CALL FOR DX COOLING, THE UNIT CONTROLLER SHALL ENABLE THE FIXED SPEED COMPRESSOR. THE COMPRESSOR SHALL BE CYCLED ON AND OFF TO MAINTAIN THE ACTIVE SPACE TEMPERATURE SETPOINT.

UNOCCUPIED:
WHEN THE SPACE TEMPERATURE IS BELOW THE UNOCCUPIED HEATING SET POINT OF 60.0 DEG. F (ADJ.) THE SUPPLY FAN SHALL BE COMMANDED ON, THE OUTSIDE AIR DAMPER SHALL REMAIN CLOSED AND THE HEAT PUMP SHALL OPERATE IN HEATING MODE. WHEN THE SPACE TEMPERATURE RISES ABOVE THE UNOCCUPIED HEATING SET POINT OF 60.0 DEG. F (ADJ.) PLUS THE UNOCCUPIED DIFFERENTIAL OF 4.0 DEG. F (ADJ.) THE SUPPLY FAN SHALL STOP AND HEAT PUMP SHALL BE SHUT OFF. WHEN THE SPACE TEMPERATURE IS ABOVE THE UNOCCUPIED COOLING SET POINT OF 85.0 DEG. F (ADJ.) THE SUPPLY FAN SHALL BE COMMANDED ON, THE OUTSIDE AIR DAMPER SHALL REMAIN CLOSED AND THE HEAT PUMP COOLING MODE SHALL BE ENABLED. WHEN THE SPACE TEMPERATURE FALLS BELOW THE UNOCCUPIED COOLING SET POINT OF 85.0 DEG. F (ADJ.) MINUS THE UNOCCUPIED DIFFERENTIAL OF 4.0 DEG. F (ADJ.) THE SUPPLY FAN SHALL STOP, THE HEAT PUMP COOLING MODE SHALL BE DISABLED AND THE OUTSIDE AIR DAMPER SHALL REMAIN CLOSED.

HEAT/COOL MODE:
WHEN THE SPACE TEMPERATURE RISES ABOVE THE OCCUPIED COOLING SET POINT THE MODE SHALL TRANSITION TO COOLING. WHEN THE SPACE TEMPERATURE FALLS BELOW THE OCCUPIED HEATING SET POINT THE MODE SHALL TRANSITION TO HEATING. WHEN THE SPACE TEMPERATURE IS ABOVE THE OCCUPIED COOLING SET POINT OR BELOW THE OCCUPIED HEATING SET POINT THE MODE SHALL REMAIN IN ITS LAST STATE. IF THE SPACE TEMPERATURE SENSOR FAILS THE MODE SHALL REMAIN IN ITS LAST STATE. IF THE LOCAL AND COMMUNICATED SET POINTS FAIL THE CONTROLLER SHALL DISABLE THE SUPPLY FAN

SUPPLY FAN:
THE SUPPLY FAN SHALL BE ENABLED WHILE IN THE OCCUPIED MODE AND CYCLED ON DURING THE UNOCCUPIED MODE.

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DWG IDENTIFICATION
MECHANICAL CONTROLS & SCHEDULES

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
100%CD	03/27/26	DG NL

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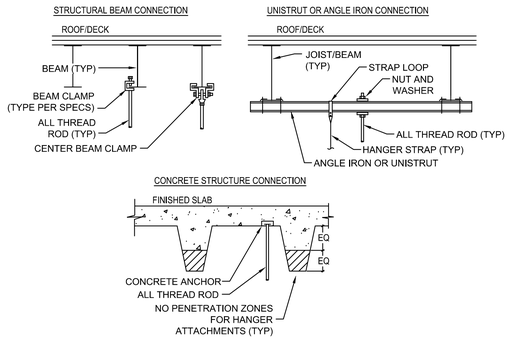
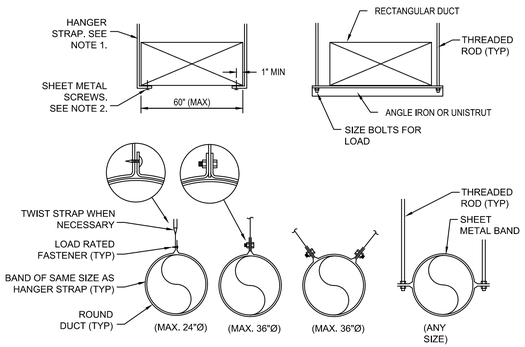


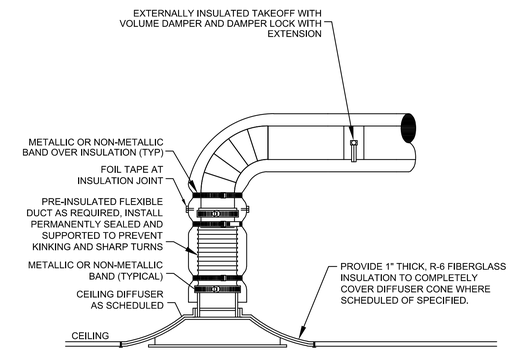
NOTES:
1. ALL ATTACHMENTS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS AND SHALL BE APPROVED FOR THE SPECIFIC APPLICATION.

1 HANGER UPPER ATTACHMENT DETAILS
NO SCALE



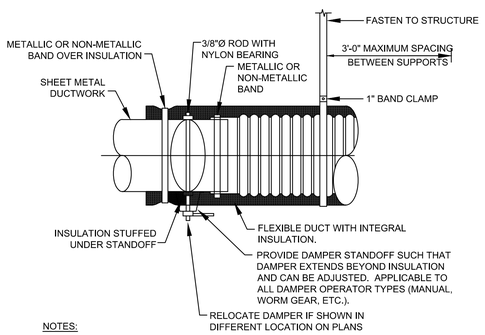
NOTES:
1. USE THREADED ROD FOR RECTANGULAR DUCTS LARGER THAN 60" WIDE.
2. OMIT SHEET METAL SCREWS IF HANGER STRAP IS CONTINUOUS AND LOOPS UNDER ENTIRE RECTANGULAR DUCT.
3. FOR ROUND DUCTS LARGER THAN 36"Ø, USE TWO HANGER RODS TO SUPPORT DUCT FROM EACH SIDE.
4. HANGERS MUST NOT DEFORM DUCT SHAPE.

2 DUCT HANGER LOWER ATTACHMENT DETAILS
NO SCALE



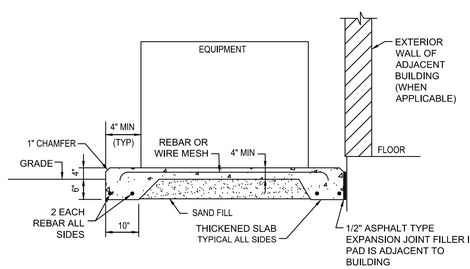
NOTES:
1. FLEXIBLE DUCT LENGTH MAY NOT EXCEED 10'-0". EXTEND RIGID DUCT OR DUCTBOARD AS REQUIRED.

3 CEILING DIFFUSER DETAIL
NO SCALE



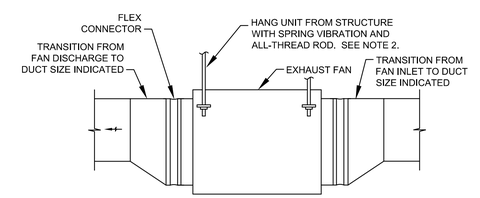
NOTES:
1. INSTALL FLEXIBLE DUCT IN AS STRAIGHT A RUN AS POSSIBLE. USE LONG RADIUS BENDS WHERE POSSIBLE. PULL DUCT TIGHT AT BOTH ENDS AND SECURE BOTH INNER LINER & OUTER INSULATION SKIN WITH TAPE & METAL CLAMPS.
2. EXTEND DAMPER ROD TO ACCOMMODATE INSULATION IF APPLICABLE. PULL ROD END TO EDGE OF DUCTWORK AS REQUIRED AND SEAL TO MAINTAIN VAPOR BARRIER.
3. INSTALL LOCKING QUADRANT TO HANDLE ON BOTTOM OF DUCT FOR EASE OF SERVICE.
4. FLEXIBLE DUCTWORK SHALL NOT EXCEED 10'-0" IN LENGTH AND SHALL HAVE NO MORE THAN ONE 90 DEGREE ELBOW.
5. DUCT SHALL EXTEND STRAIGHT FOR 6" FROM A CONNECTION BEFORE BENDING.

4 DAMPER AND FLEX DUCT CONNECTION DETAIL
NO SCALE



NOTES:
1. SLOPE SLAB A MINIMUM OF 1/16"/FOOT IN ONE DIRECTION (AWAY FROM BUILDING) FOR DRAINAGE.
2. PROVIDE MINIMUM CLEARANCE AROUND EQUIPMENT, ALL SIDES, PER MANUFACTURER.
3. DIMENSIONS SHOWN ARE MINIMUM ACCEPTABLE; REVISE AS REQUIRED FOR EQUIPMENT BEING PROVIDED.
4. WHERE WALL DOES NOT EXIST, INSTALL EQUIPMENT IN CENTER OF PAD AND ENCLOSE AS SHOWN ON ARCHITECTURAL DRAWINGS.

5 EXTERIOR EQUIPMENT PAD DETAIL
NO SCALE



NOTES:
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2. FOR FANS 1 HP AND LESS, PROVIDE NEOPRENE RUBBER MOUNT HANGER (NR). FOR FANS LARGER THAN 1 HP, PROVIDE SPRING VIBRATION ISOLATION HANGER (SPNH).

6 IN-LINE FAN DETAIL
NO SCALE

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SEAL

This item has been digitally signed and sealed by NICHOLAS LOPEZ on the date adjacent to the seal. Signature must be verified on any electronic copies.

DIGITAL SIGNATURE

REVISIONS:

CONTRACT DOCUMENTS FOR:
SUNRISE EVENT CENTER
FORT PIERCE REDEVELOPMENT AGENCY
ADDRESS:
300 ORANGE AVENUE, FORT PIERCE, FL 34950

DWG IDENTIFICATION
MECHANICAL DETAILS

PROJECT PHASE:	DATE:	CHECKED / DRAWN BY:
100%CD	03/27/26	DG NL

THIS DRAWING HAS BEEN ISSUED ON THE DATE SHOWN & FOR THE PURPOSE NOTED

JOB FILE NUMBER:
25-124

M801

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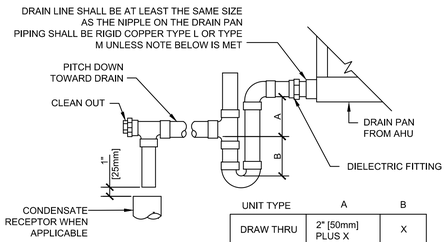


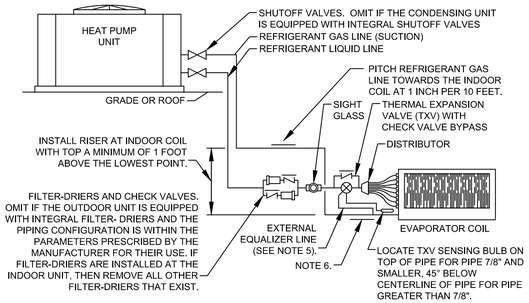
UNIT TYPE	A	B
DRAW THRU	2" [50mm] PLUS X	X
BLOW THRU	1" [25mm] MINIMUM	2X

WHERE X = STATIC PRESSURE IN PAN

NOTES:

1. PVC PIPE MAY BE USED ONLY IF APPROVED BY LOCAL AUTHORITIES AND IS INDOORS AND DOES NOT PASS THROUGH RATED BARRIERS.
2. DIELECTRIC FITTING TO BE USED WHEN TWO DISSIMILAR METALS ARE TO BE CONNECTED.
3. COORDINATE LOCATION W/PLUMBING CONRACTOR

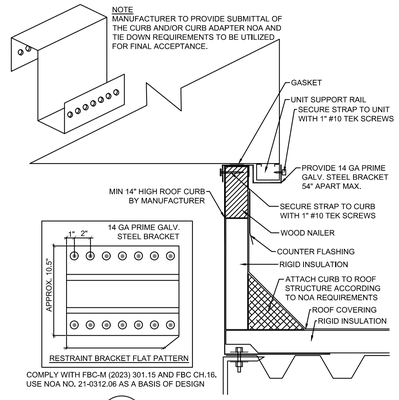
7 TYPICAL AIR HANDLING UNIT DRAIN TRAP DETAIL
NO SCALE



NOTES:

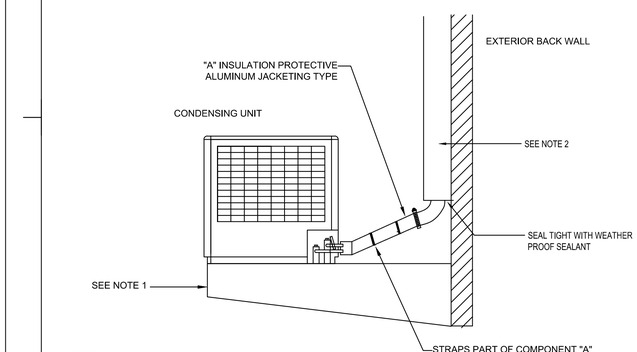
1. INSTALL REFRIGERANT PIPING AND COMPONENTS IN STRICT CONFORMANCE WITH ALL MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS, WHICH SHALL TAKE PRECEDENT OVER INFORMATION PRESENTED IN THIS DETAIL.
2. ALL COMPONENTS INSTALLED SHALL BE THE EXACT MODEL RECOMMENDED BY THE MANUFACTURER.
3. CONSULT THE MANUFACTURER REGARDING THE NEED TO INSTALL A SOLENOID VALVE IN THE LIQUID LINE BETWEEN THE FILTER-DRIER AND SITE GLASS.
4. INSTALL REFRIGERATION PIPE SIZES RECOMMENDED BY THE MANUFACTURER AND CONSULT THE MANUFACTURER REGARDING THE NEED FOR INTERMEDIATE TRAPS BASED ON THE RECOMMENDED PIPE SIZES AND PIPING CONFIGURATION.
5. INSTALL THERMAL EXPANSION VALVE WITH BALANCED PORT CONSTRUCTION AND EXTERNAL EQUALIZER LINES FOR ALL EVAPORATOR COILS EQUIPPED WITH A REFRIGERANT DISTRIBUTOR.
6. PITCH REFRIGERANT GAS LINE AWAY FROM INDOOR COIL AT 1 INCH PER 10 FEET.
7. FILTER- DRIER MAY BE OMITTED IF NOT REQUIRED BY MANUFACTURER.
8. SIGHT GLASS MAY BE OMITTED IF NOT REQUIRED BY MANUFACTURER AND SYSTEM IS LESS THAN 5 TONS.

8 SPLIT SYSTEM PIPING DETAIL
NO SCALE



COMPLY WITH FBC-M (2023) 301.15 AND FBC CH.16, USE NOA NO. 21-0312.06 AS A BASIS OF DESIGN

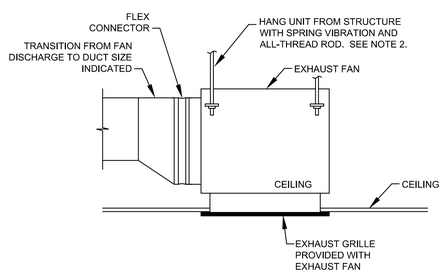
6 RTU MOUNTING DETAIL
NO SCALE



NOTES:

1. REFER TO PLATFORM DETAIL.
2. PROVIDE A VINYL OR ALUMINUM COVER KIT. COVER SHALL MATCH BUILDING EXTERIOR COLOR. REFRIGERANT LINES SHALL DROP FROM CEILING SPACE

10 EXPOSED PIPING REFRIGERANT DETAIL
NO SCALE



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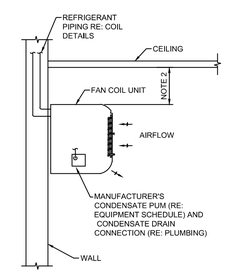
11 CEILING MOUNTED FAN DETAIL
NO SCALE



NOTES:

1. ARRANGEMENT SHOWN IS SCHEMATIC, ADJUST TO SUIT FIELD CONDITIONS AND MEET LOCAL CODE REQUERIMENTS.
2. PROVIDE MINIMUN 3,5" OF CLEARENCE AT THE TOP OF THE UNIT.
3. ATTACH FAN COIL UNIT TO MANUFACTURER'S PROVIDED INSTALLATION PLAT. MOUNT INSTALLATION PLATE TO WALL PER MANUFACTURERS RECOMENDATIONS.

8 SPLIT WALL-MOUNTED UNIT DETAIL
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