

NEW LIFE WELLNESS CENTER

4338 ELYSIAN FIELDS AVE,
NEW ORLEANS, LOUISIANA 70122

DRAWN BY: DP
CHECKED BY: DP



DESIGNS
& DEVELOPMENT, LLC
PO BOX 681,
CEDAR HILL, TX 75006
PHONE: 714-793-1755
DANIEL@DP-DESIGNS.CO



COVER SHEET

NEW LIFE WELLNESS CENTER
4338 ELYSIAN FIELDS AVE,
NEW ORLEANS, LA 70122

DATE	DESCRIPTION

SCALE:
AS NOTED

PROJECT NO.
081-101

SHEET NO.
CS

VICINITY MAP NOT TO SCALE



CODES AND STANDARDS

1. THE FOLLOWING CRITERIA HAS BEEN USED IN THE PREPARATION OF THESE DOCUMENTS.

BUILDING CODE: 2015 INTERNATIONAL BUILDING CODE
MECHANICAL CODE: 2015 INTERNATIONAL MECHANICAL CODE
ELECTRICAL CODE: 2014 NATIONAL ELECTRIC CODE (NEC)
PLUMBING CODE: 2015 INTERNATIONAL PLUMBING CODE
ENERGY CODE: 2015 INTERNATIONAL ENERGY CONSERVATION CODE
LIFE SAFETY CODE: 2015 NFPA 101, LIFE SAFETY CODE

CITY OF NEW ORLEANS CITY ADOPTED CODE AMENDMENTS
LOUISIANA OFFICE OF STATE FIRE MARSHAL PUBLIC SAFETY SERVICE AMENDMENTS

DRAWING SYMBOLS

ENTRY	ROOM NAME
101	ROOM NUMBER
⊙	DOOR MARK
⊕	WINDOW MARK
3	DRAWING NOTE
A	COLUMN LINE MARK
⊕	DATUM MARK
⚠	REVISION NUMBER CLOUD AT LAST REV. ONLY

PROJECT DATA

STORIES	BUILDING	FLOOR AREA	CONSTR. TYPE	SPRINKLER SYSTEM
TWO STORIES	COMMUNITY CENTER	8912 SQ.FT	TYPE V-B	YES

PROJECT SCOPE

NEW COMMUNITY CENTER

ABBREVIATIONS

∠	-	ANGLE	FT.	FOOT OR FEET	REF.	REFERENCE
⊙	-	AI	FURR.	FRUSTRATING	REFR.	REFRIGERATOR
⊕	-	CENTERLINE	GA.	GAUGE	REINF.	REINFORCING
⊕	-	DIAMETER	GAFMC	GAF MATERIALS CORP.	REQ.	REQUIRED
#	-	NUMBER	GC	GENERAL CONTRACTOR	RESIL.	RESILIENT
ACOUST.	-	ACOUSTICAL	GALV.	GALVANIZED	RM.	ROOM
A.D.	-	AREA DRAIN	G.B.	GRAB BAR	R.O.	R.OUGH OPENING
ADJ.	-	ADJUSTABLE	GYP.	GYPNUM	R&R	REMOVE AND REPLACE
A.F.F.	-	ABOVE FINISH FLOOR	H.B.	HOSE BIBB	S.	SOUTH
AGG.	-	AGGREGATE	H.C.	HOLLOW CORE	S.C.	SOLID CORE
ALUM.	-	ALUMINUM	HWIR.	HARDWARE	S.C.	SCHEDULE
APPROX.	-	APPROXIMATELY	H.M.	HOLLOW METAL	SECT.	SECTION
BD.	-	BOARD	HORIZ.	HORIZONTAL	SHT.	SHEET
BLDG.	-	BUILDING	HGT.	HEIGHT	SHWR.	SHOWER
B.	-	BOTTOM	I.D.	INSIDE DIAMETER	SIM.	SIMILAR
BA	-	BUILDING AREA	INSUL.	INSULATION	SPEC.	SPECIFICATIONS
C.J.	-	CONTROL JOINT	INT.	INTERIOR	SQ.	SQUARE
CER.	-	CERAMIC	JOINT	JOINT	STD.	STANDARD
CLG.	-	CEILING	KIT.	KITCHEN	STL.	STEEL
CKT.	-	CIRCUIT	LAM.	LAMINATE	STOR.	STORAGE
CLO.	-	CLOSET	LAV.	LAVATORY	SUSP.	SUSPEND
CLR.	-	CLEAR	LKR.	LOCKER	SYM.	SYMMETRICAL
COL.	-	COLUMN	LT.	LIGHT	TRO.	TREAD
CONSTR.	-	CONSTRUCTION	LTG.	LIGHTING	T.C.	TOP OF CURB
CONT.	-	CONTINUOUS	M.V.D.	MANUAL VOLUME DAMPER	TEL.	TELEPHONE
CTR.	-	CENTER	MAX.	MAXIMUM	T&G.	TONGUE & GROOVE
DBL.	-	DOUBLE	M.E.	MECHANICAL	THK.	THICK
DTL.	-	DETAIL	MEMB.	MEMBRANE	T.P.	TOP OF PAVEMENT
DIA.	-	DIAMETER	MFR.	MANUFACTURER	T.V.	TELEVISION
DIM.	-	DIMENSION	DN.	DOWN	T.W.	TOP OF WALL
DN.	-	DOWN	D.S.	DOWNSPOUT	TP.	THERMOPLASTIC OLEFIN TYP.
DWR.	-	DRAWER	DWG.	DRAWING	MIN.	MINIMUM
EA.	-	EACH	EA.	EAST	MISC.	MISCELLANEOUS
ELEV.	-	ELEVATION	E.	EACH	M.O.	MASONRY OPENING
ELEC.	-	ELECTRICAL	EA.	EACH	MNT.	MOUNTED
E.P.	-	ELECTRICAL PANELBOARD	EQ.	EQUAL	MTD.	MOUNTED
EQ.	-	EQUAL	E.J.	EXPANSION JOINT	N.	NORTH
EQUIP.	-	EQUIPMENT	ELEV.	ELEVATION	N.I.C.	NOT IN CONTRACT
EXIST.	-	EXISTING	ELEC.	ELECTRICAL	NO.	NUMBER
EXT.	-	EXTERIOR	E.P.	ELECTRICAL PANELBOARD	NOM.	NOMINAL
F.D.	-	FLOOR DRAIN	EQ.	EQUAL	N.T.S.	NOT TO SCALE
F.E.	-	FIRE EXTINGUISHER	EQ.	EQUAL	N.T.S.	NOT TO SCALE
FIN.	-	FINISH	EQUIP.	EQUIPMENT	O.C.	ON CENTER
F.L.	-	FLOOR	EXIST.	EXISTING	O.D.	OUTSIDE DIAMETER
FLASH.	-	FLASHING	EXT.	EXTERIOR	OPH.	OPPOSITE HAND
FLOOR.	-	FLOURESCENT	F.D.	FLOOR DRAIN	OPP.	OPPOSITE
F.O.C.	-	FACE OF CONCRETE	F.E.	FIRE EXTINGUISHER	PLATE	PLATE
F.O.S.	-	FACE OF STUD	FIN.	FINISH	PL.	PLASTIC
F.P.	-	FREEZE PROOF	F.L.	FLOOR	PLAS.	PLYWOOD
			FL.	FLASHING	FLYWD.	FLYWOOD
			FLUOR.	FLOURESCENT	PAIR	PAIR
			F.O.C.	FACE OF CONCRETE	PVC	POLYVINYL CHLORIDE
			F.O.S.	FACE OF STUD	R.	RADIUS
			F.P.	FREEZE PROOF	R.D.	ROOF DRAIN

GENERAL NOTES

- THESE NOTES SHALL APPLY UNLESS OTHERWISE INDICATED BY DRAWINGS OR SPECIFICATIONS.
- ALL WORK INCLUDING CIVIL, MECHANICAL, PLUMBING, & ELECTRICAL SHALL BE PERFORMED IN STRICT COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, & LOCAL CODE REQUIREMENTS, AND IN ACCORDANCE WITH ACCEPTED CONSTRUCTION INDUSTRY STANDARDS.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL APPLICABLE PERMITS, INSPECTIONS AND APPROVALS, INCLUDING THOSE RELATED TO BUILDING AND CONTRACTOR SIGNAGE.
- PRIOR TO TURNING BUILDING OVER TO OWNER, REPAIR OR REPLACE ALL MATERIALS, GLASS, OR ASSEMBLIES DAMAGED OR BROKEN DURING CONSTRUCTION.
- SMOKE DETECTORS SHALL BE HARDWIRED INTO AN AC ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH BATTERY BACK-UP. SMOKE DETECTORS SHALL BE TESTED FOR COMPLIANCE UPON COMPLETION OF WORK.
- AT ALL RATED WALLS, FLOORS AND RATED CEILINGS, ALL PLUMBING, ELECTRICAL & HVAC PENETRATIONS SHALL BE SEALED WITH APPROVED FIRESTOPPING MATERIAL.
- SEAL ALL PENETRATIONS THRU FLOOR DECK.
- FRAMER SHALL PROVIDE IN-WALL BLOCKING AS REQUIRED AT TOILET ACCESSORIES.
- GC TO PROVIDE ALL MISC. STEEL AND STL. STUD SUPPORT AND HANGERS FOR COMPLETE INSTALLATION OF ALL NEW ARCHITECTURAL AND MEP SYSTEMS.
- PROVIDE ALL ROOFING REPAIR/REPLACEMENT AS REQUIRED FOR MECHANICAL UNIT AND ELECTRICAL PENETRATIONS.
- GENERAL CONTRACTOR SHALL SUBMIT ALL CHANGES TO PLANS, MATERIAL AND EQUIPMENT TO THE ARCHITECT AND/OR ENGINEER FOR REVIEW AND APPROVAL. THE ARCHITECT AND/OR ENGINEER SHALL THEN SUBMIT THE CHANGE REQUEST TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO THE INSTALLATION OF THE CHANGE.

PROJECT CONTACTS

GENERAL CONTRACTOR	ARCHITECT	MEP ENGINEER	STRUCTURAL ENGINEER
TBD	DP DESIGNS & DEVELOPMENT PO Box 681, Cedar Hill, TX 75106	IDSTUDIO4 6201 CAMPUS CIR DR E IRVING, TX 75063	ELLISON GAGE & ASSOCIATES, PLLC 5068 W. PLANO PARKWAY, SUITE 200 PLANO, TX 75093
	PROJECT CONTACT: DANIEL PARRISH (214)799-1755 DANIEL@DP-DESIGNS.CO	PROJECT CONTACT: BRIAN CHANDLER, PE (972)870-1280 BCHANDLER@DSTUDIO4.COM	PROJECT CONTACT: BRYAN GAGE (972)554-8869 BGAGE@ELLISONGAGE.COM

CHAPTER 3: BUILDING BLOCKS

302 Floor or Ground Surface

302.2 Carpet, Carpet or Carpet Tile shall be securely attached and shall have a firm cushion, pad, or backing or no cushion or pad. Carpet or carpet tile shall have a level finish, including joints, level cut-offs, or level cut-off/ground plate features. Pile height shall be 1/2 inch (13 mm) maximum. Exposed edges of carpet shall be fastened to floor surface and shall firm to the entire length of the exposed edge. Carpet edge trim shall comply with 303.



Figure 302.2 Carpet Pile Height

302.3 Openings, Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/4 inch (6.4 mm) diameter except as allowed in 407.4.3, 409.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.



Figure 302.3 Elongated Openings in Floor or Ground Surfaces

303.2 Vertical Change in Level of 1/4 inch (6.4 mm) High maximum shall be permitted to be vertical.



Figure 303.2 Vertical Change in Level

303.3 Bureaus, Changes in level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

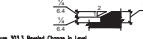


Figure 303.3 Beveled Change in Level

303.3.1 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

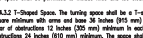


Figure 303.3.1 Beveled Change in Level

303.3.2 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 303.3.2 Beveled Change in Level

303.3.3 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 303.3.3 Beveled Change in Level

303.3.4 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

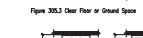


Figure 303.3.4 Beveled Change in Level

303.3.5 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 303.3.5 Beveled Change in Level

303.3.6 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 303.3.6 Beveled Change in Level

303.3.7 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

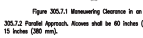


Figure 303.3.7 Beveled Change in Level

303.3.8 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

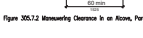


Figure 303.3.8 Beveled Change in Level

303.3.9 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

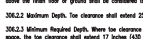


Figure 303.3.9 Beveled Change in Level

303.3.10 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 303.3.10 Beveled Change in Level

303.3.11 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 303.3.11 Beveled Change in Level

303.3.12 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 303.3.12 Beveled Change in Level

303.3 Knee Clearance

303.3.1 General. Space under an element between 8 inches (203 mm) and 27 inches (686 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 303.3.

303.3.2 Minimum Depth. Knee clearance shall extend 25 inches (635 mm) minimum under an element of 8 inches (203 mm) above the finish floor or ground.

303.3.3 Minimum Height. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum of 8 inches (203 mm) deep, and 8 inches (203 mm) deep minimum of 27 inches (686 mm) above the finish floor or ground.

303.3.4 Clearance Reduction. Between 8 inches (203 mm) and 27 inches (686 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce to a maximum of 1 inch (25 mm) in depth for each 6 inches (152 mm) in height.

303.3.5 Width. Knee clearance shall be 30 inches (762 mm) wide minimum.



Figure 303.3 Knee Clearance

307.2 Protruding Objects. Objects with leading edges more than 27 inches (686 mm) and not more than 80 inches (2032 mm) above the finish floor or ground shall protrude 4 inches (102 mm) maximum horizontally into the circulation path.

EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches (115 mm) maximum.



Figure 307.2 Protruding Objects

307.3 Vertical Change in Level of 1/4 inch (6.4 mm) High maximum shall be permitted to be vertical.



Figure 307.3 Vertical Change in Level

307.3.1 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

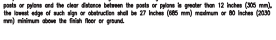


Figure 307.3.1 Beveled Change in Level

307.3.2 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 307.3.2 Beveled Change in Level

307.3.3 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 307.3.3 Beveled Change in Level

307.3.4 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 307.3.4 Beveled Change in Level

307.3.5 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 307.3.5 Beveled Change in Level

307.3.6 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

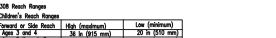


Figure 307.3.6 Beveled Change in Level

307.3.7 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

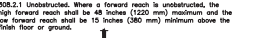


Figure 307.3.7 Beveled Change in Level

307.3.8 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 307.3.8 Beveled Change in Level

307.3.9 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

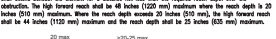


Figure 307.3.9 Beveled Change in Level

307.3.10 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 307.3.10 Beveled Change in Level

307.3.11 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 307.3.11 Beveled Change in Level

307.3.12 Beveled Change in Level between 1/4 inch (6.4 mm) high maximum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.



Figure 307.3.12 Beveled Change in Level

308.1 Clear Reach

308.1.1 Unobstructed. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm) minimum and the low side reach shall be 15 inches (381 mm) minimum above the finish floor or ground.



Figure 308.1.1 Unobstructed

308.1.2 Obstructed High Reach. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is not unobstructed, the height of the obstruction shall be 24 inches (605 mm) maximum and the depth of the obstruction shall be 24 inches (605 mm) maximum. The high side reach shall be 48 inches (1220 mm) minimum for a reach depth of 20 inches (508 mm) maximum. Where the reach depth exceeds 20 inches (508 mm), the high side reach shall be 46 inches (1170 mm) minimum for a reach depth of 24 inches (605 mm) maximum.

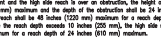


Figure 308.1.2 Obstructed High Reach

308.1.3 Obstructed Low Side Reach. Where a clear floor or ground space allows a parallel approach to an element and the low side reach is not unobstructed, the height of the obstruction shall be 24 inches (605 mm) maximum and the depth of the obstruction shall be 24 inches (605 mm) maximum. The low side reach shall be 15 inches (381 mm) minimum for a reach depth of 20 inches (508 mm) maximum. Where the reach depth exceeds 20 inches (508 mm), the low side reach shall be 13 inches (330 mm) minimum for a reach depth of 24 inches (605 mm) maximum.

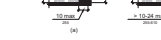


Figure 308.1.3 Obstructed Low Side Reach

309 Operable Parts

309.1 Clear Floor Space. A clear floor or ground space complying with 305 shall be provided.

309.2 Height. Operable parts shall be placed within one or more of the reach ranges specified in 308.

309.3 Operable Parts. Operable parts shall be operable with one hand and shall require light grasping, pinching, or holding of the wrist. The force required to operate operable parts shall be 22 lb (98 N) maximum.

EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches (115 mm) maximum.

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EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches (115 mm) maximum.

404.2.1 Recessed Doors and Gates. Minimum clearance for forward approach shall be provided as specified in 404.2.1.1 and 404.2.1.2.

404.2.1.1 Forward Approach. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm) minimum and the low side reach shall be 15 inches (381 mm) minimum above the finish floor or ground.



DATE: 6/1/2021 10:48:00 [L:\WORK\1462 - FRENCHMEN - CIVIL - DP - 2021.dwg] [LAYOUT: C1.0 Site Plan]
 PATH: C:\Users\laura\OneDrive\Documents\Projects\1462 - FRENCHMEN - CIVIL - DP - 2021.dwg

FRENCHMEN STREET (SIDE)

STEPHEN GIRARD STREET

ASPHALT ROAD (POOR CONDITION)

SCALE: 1"=10'

GENERAL NOTES:

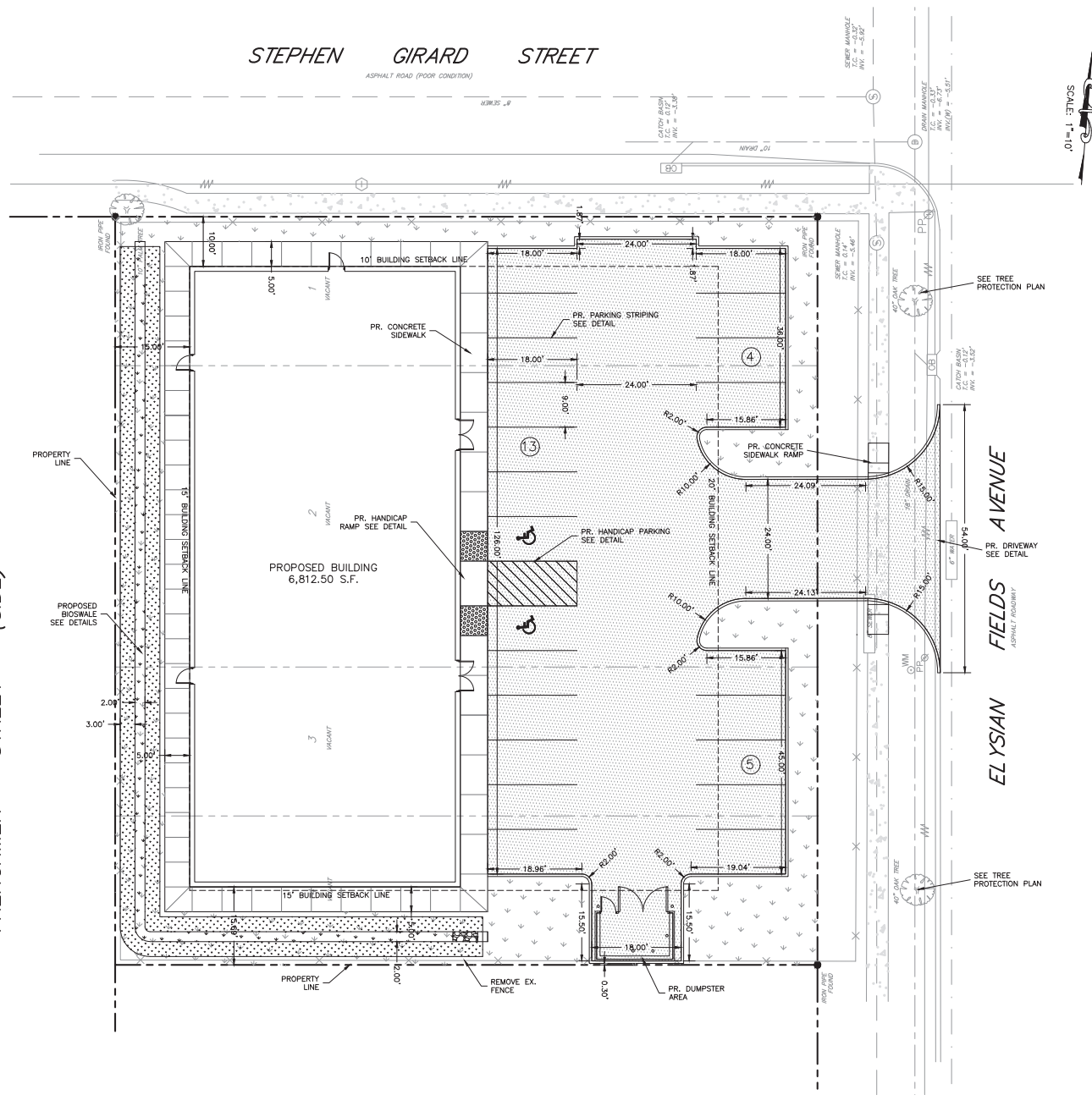
1. ALL DIMENSIONS ARE TO FACE OF CURB, UNLESS NOTED OTHERWISE.
2. CONTRACTOR TO VERIFY BUILDING AND PARKING LOT LAYOUT WITH ARCHITECT PRIOR TO FORMING OF BUILDINGS, WALKS AND PARKING LOT AREAS.
3. ALL CURBS ARE BARRIER TYPE, UNLESS NOTED OTHERWISE, SEE DETAILS.
4. ALL NEWLY CUT AND/OR FILLED AREAS LACKING ADEQUATE VEGETATION SHALL BE SEEDED, FERTILIZED, MULCHED, AND/OR SOODED AS REQUIRED TO EFFECTIVELY PREVENT SOIL EROSION. CONTRACTOR SHALL MAINTAIN THESE AREAS UNTIL A HEALTHY STAND OF GRASS IS ACHIEVED.
5. THE CONTRACTOR MUST HAVE WRITTEN APPROVAL FROM THE CITY ENGINEER AND THE PROJECT ENGINEER BEFORE ANY CHANGE IN DESIGN IS MADE.
6. THE CONTRACTOR SHALL NOT ENTER UPON NOR CAUSE DAMAGE TO ANY ADJACENT PROPERTIES WITHOUT WRITTEN PERMISSION FROM SAID PROPERTY OWNERS.
7. ALL FILL AND COMPACTION SHALL BE EXECUTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND THE GRADING PLAN.
8. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF SIDEWALKS, EXIT PORCHES, RAMPS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
9. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING ELECTRICAL PLAN, INCLUDING LOCATIONS, TYPES, CONDUITS, ETC.
10. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL AREAS INDICATED TO REMAIN UNDISTURBED OR TO REMAIN AS BUFFERS, ALL PROPERTY CORNERS, AND REPLACING ALL PINS DAMAGES DURING CONSTRUCTION.
11. CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING BENCHMARK. BENCHMARK INFORMATION CAN BE FOUND ON THE GRADING PLAN.
12. PARKING STALLS MUST BE STRIPED WITH A 4" CONTRASTING STRIPE (YELLOW ON CONCRETE AND YELLOW OR WHITE ON ASPHALT PARKING LOTS).
13. CONTRACTOR SHALL POthOLE TO LOCATE EXISTING UTILITY LINES INCLUDING FIBEROPTIC, WATER AND GAS PRIOR TO CONSTRUCTION.
14. PARKING STALLS MUST BE STRIPED WITH A 4 INCH YELLOW STRIPE.
15. HANDICAP PARKING SPACES ARE TO BE DESIGNATED BY BLUE STRIPING & EITHER A BLUE SYMBOL ON A WHITE BACKGROUND OR A WHITE SYMBOL ON A BLUE BACKGROUND. ALL HANDICAP PARKING STALLS REQUIRE THE INSTALLATION OF THE PROPER SIGNAGE.
16. ALL WHEEL STOPS AND CONCRETE CURBS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THIS PLAN SET.
17. ALL PARKING SPACES ARE TO BE LAID OUT IN ACCORDANCE WITH THE TYPICAL DETAIL AS SHOWN ON THIS PLAN UNLESS OTHERWISE INDICATED ON THIS PLAN.
18. CONTRACTOR TO VERIFY SIGNS AND SIGN LOCATIONS WITH OWNER PRIOR TO INSTALLATION.
19. SEE LANDSCAPE PLANS FOR BIOSWALE PLANTING DETAILS.
20. PURSUANT TO BUILDING CODE SECTION 121.17, PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY, POST-CONSTRUCTION CERTIFICATION INCLUDING AS-BUILT DRAWINGS, AFFIDAVIT FROM DESIGNER/S, AND PERFORMANCE BOND BASED UPON THE ACTUAL COST OF CONSTRUCTION MUST BE SUBMITTED FOR APPROVAL AFTER FINAL INSPECTION THESE DOCUMENTS MUST BE RECORDED WITH THE CIVIL DISTRICT CLERK COURT.
21. ALL PERMEABLE PAVING INSTALLATIONS SHALL BE SUBJECT TO INFILTRATION TESTING AFTER INSTALLATION. TESTING SHALL BE CONDUCTED ACCORDING TO THE ASTM INTERNATIONAL C1701 OR C1781 STANDARDS, AS APPROPRIATE. ALL TYPES OF PERMEABLE PAVEMENT SHALL MAINTAIN A MINIMUM INFILTRATION RATE OF 200 INCHES PER HOUR.

SITE STATISTICS:	
AREA OF CONCRETE PAVING	9,872 SQ. FT.
GREEN OR LANDSCAPED AREA	4,626 SQ. FT. (21.7% GREEN SPACE)
BUILDING AREA	6,812.50 SQ. FT.
TOTAL SITE AREA 21,310.58 SQ.FT. OR (0.49 ACRES)	
PARKING STATISTICS:	
4 SPACE + 1 PER FOR 300 SQ FT OF GFA OVER FIRST 1,000 SQ FT	
TOTAL PARKING SPACES REQUIRED	23 SPACES
TOTAL PARKING SPACES PROPOSED	22 (2 ACCESSIBLE SPACES)
SITE ZONING DISTRICT:	
SINGLE-FAMILY RESIDENTIAL DISTRICT (S-RS)	

PROPOSED LEGEND:

SYMBOL	DESCRIPTION
Ⓧ	# OF PARKING STALLS
[Pattern]	LANDSCAPED AREA

ISSUED FOR PERMITTING ONLY
 JULY 6, 2021



LA TERRE ENGINEERING, LLC

STATE OF LOUISIANA
 SENECA TOUSSAINT
 License No. 36060
 PROFESSIONAL ENGINEER
 CIVIL ENGINEERING

REVISIONS	DATE	BY	CHECKED	APPROVED	LAST DATE	SUBMITTAL

SHEET TITLE: C1.0 SITE PLAN_7-6-21

SCALE: 1" = 10'

**SITE PLAN
 NEW LIFE WELLNESS CENTER
 DP DESIGNS**

PROJECT NUMBER: 2021-02
 DRAWING FILE NAME: C1.0 SITE PLAN_7-6-21

C1.0

DATE: 6/4/2021 8:47 PM [C:\Users\lucy\Documents\Projects\DP - Design\New Life Wellness Center\C2.1 Paving Plan.dwg] [LAYOUT: C2.1 Paving Plan]
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FRENCHMEN STREET 1 (SIDE)

STEPHEN GIRARD STREET
 ASPHALT ROAD (POOR CONDITION)

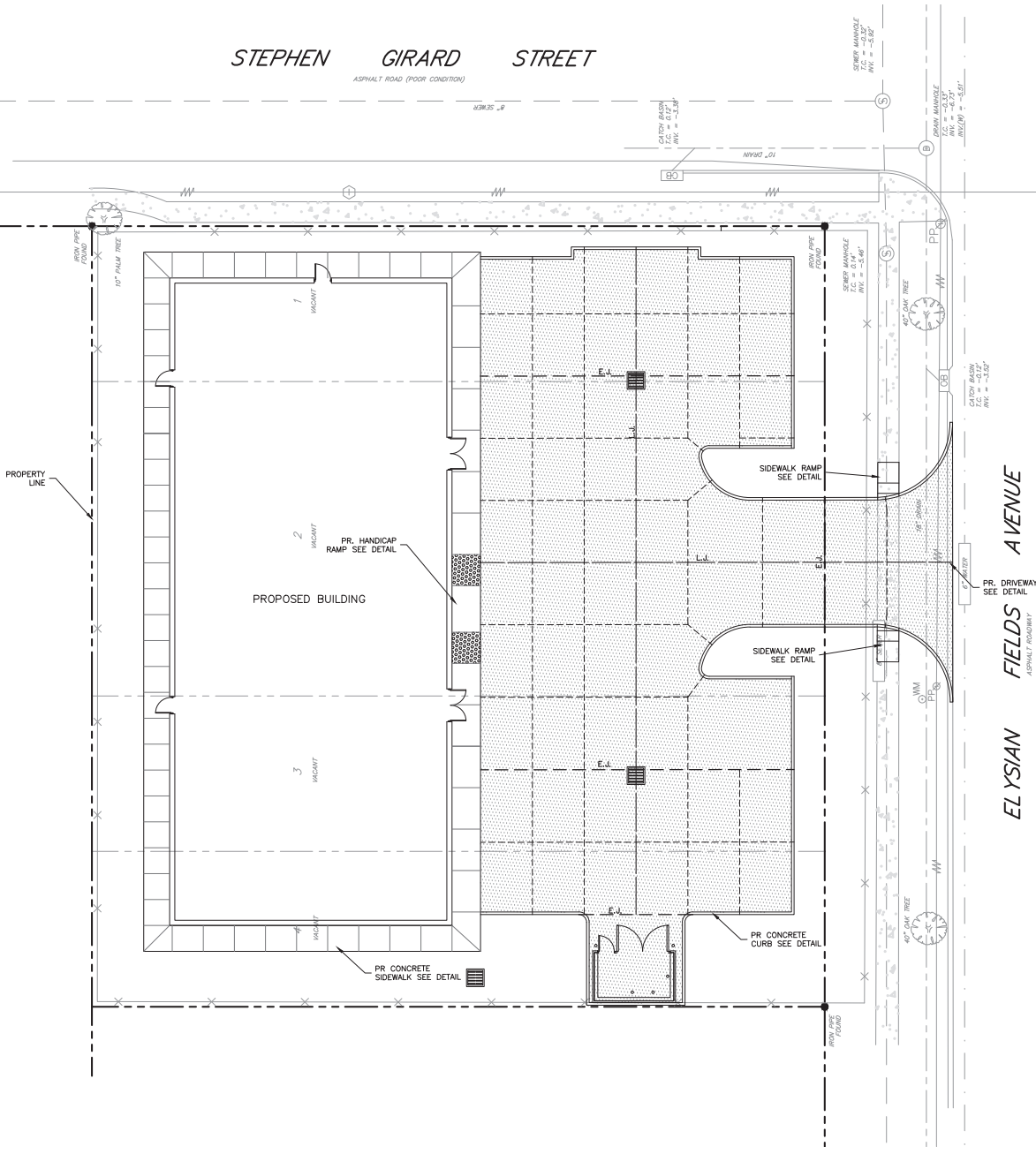
SCALE: 1"=10'

PAVING PLAN LEGEND:

- E-J EXPANSION JOINT
- LONGITUDINAL KEY JOINT
- CONTRACTION JOINT
- STANDARD PERVIOUS PAVING
- SIDEWALK (S) PAVING
- DRAIN INLET

GENERAL PAVING NOTES:

1. CONTRACTOR SHALL EXTEND ALL PAVING JOINTS THROUGH CURBS. JOINTS SHALL BE PERPENDICULAR TO CURBS.
2. CONTRACTOR SHALL VERIFY BUILDING AND PARKING LOT LAYOUT WITH THE ARCHITECT PRIOR TO FORMING OF BUILDINGS, WALKS AND PARKING LOT AREAS.
3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING UTILITIES WITHIN WORK AREAS PRIOR TO EXCAVATION.
4. CONTRACTOR SHALL BACK FILL AGAINST TOP OF CURBS AT 3:1 SLOPE TO EXISTING GRADE UNLESS NOTED OTHERWISE.
5. SLOPE OF PAVING SHALL NOT EXCEED 2% AT HANDICAP ACCESSIBLE SPACES.
6. CONTRACTOR SHALL GRADE PAVEMENT AROUND SIDEWALKS & CURBS FOR POSITIVE DRAINAGE TO AN INLET OR DESIGNATED DRAINAGE AREA.
7. ALL LANDINGS AT DOORS TO BE FLUSH WITH FINISH FLOOR.
8. PAVEMENT FOR PARKING AREAS SHALL BE PERVIOUS PAVEMENT, SEE DETAIL.
9. ALL PERMEABLE PAVING INSTALLATIONS SHALL BE SUBJECT TO INFILTRATION TESTING AFTER INSTALLATION. TESTING SHALL BE CONDUCTED ACCORDING TO THE ASTM INTERNATIONAL C1701 OR C1781 STANDARDS, AS APPROPRIATE. ALL TYPES OF PERMEABLE PAVEMENT SHALL MAINTAIN A MINIMUM INFILTRATION RATE OF 200 INCHES PER HOUR.
10. THE STALL PORTION OF ALL NON-ADA REQUIRED PARKING SPACES SHALL BE DESIGNED USING PERMEABLE PAVEMENT WITH 24" OF AGGREGATE BASE.



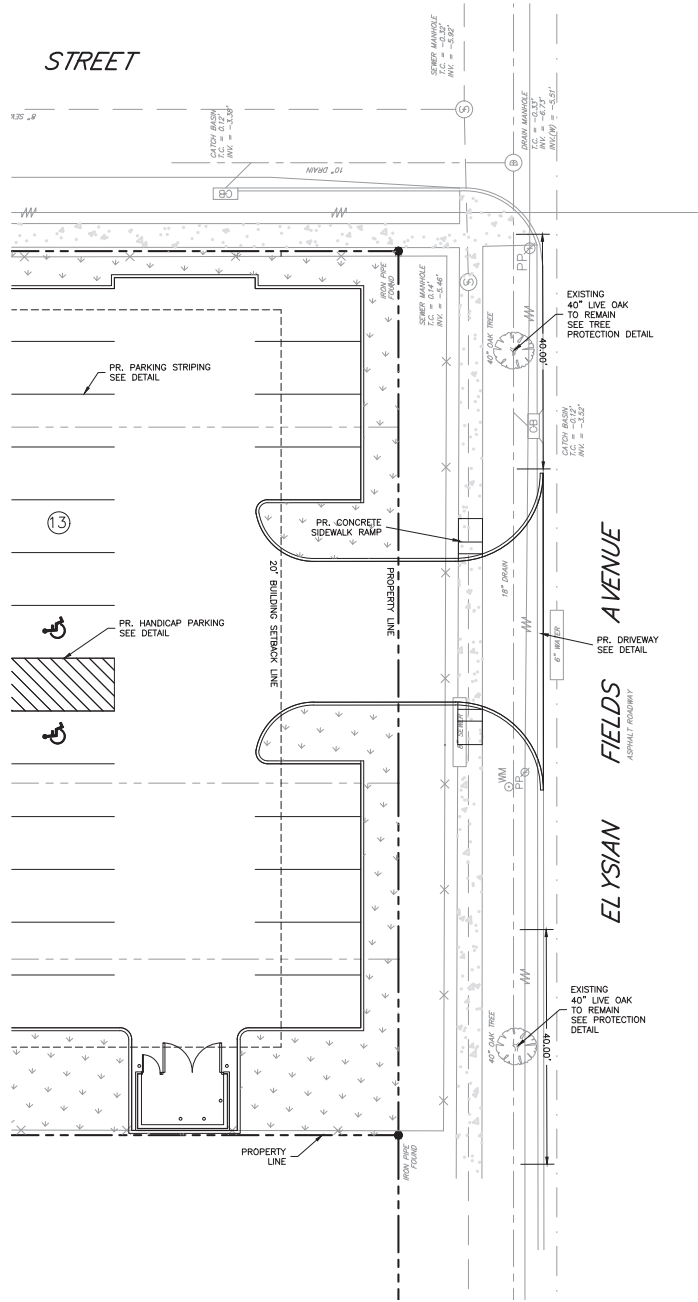
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			BY	DATE	BY	DATE	BY	DATE	BY	DATE

PAVING PLAN
 NEW LIFE WELLNESS CENTER
 DP DESIGNS

PROJECT NUMBER: 2021-02
 SHEET NUMBER: C2.1

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 JULY 6, 2021



DATE: 6/1/2021 3:49 PM [C:\Users\lucy3\Documents\Projects\DP Design\New Life Wellness Center\C2.4 Tree Protection Plan.dwg] [LAYOUT: C2.4 Site Plan]
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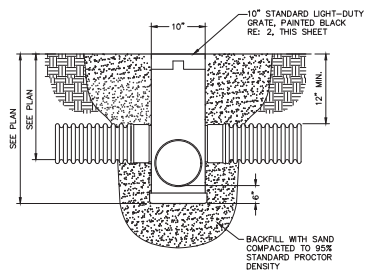


GENERAL NOTES:

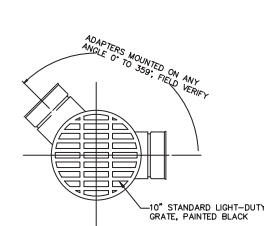
1. TREE PROTECTION SHALL BE IN ACCORDANCE CITY OF NEW ORLEANS PARKS AND PARKWAYS STANDARD SPECIFICATIONS AND STANDARD DETAILS.

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 JULY 6, 2021

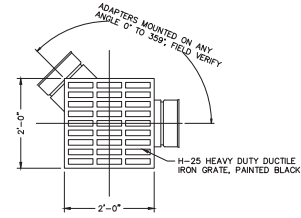
 	
TREE PROTECTION PLAN NEW LIFE WELLNESS CENTER DP DESIGNS	DRAWING FILE NAME C2.4 TREE PROTECTION PLAN
SHEET NUMBER C2.4	SCALE 1" = 10'
PROJECT NUMBER 2021-02	SHEET TITLE TREE PROTECTION PLAN
DESIGNER LUCY3	CHECKED ST
APPROVED ST	SUBMITTAL NO
LAST DATE 7/6/2021	REMARKS PROTECTED CITY COMPANYS



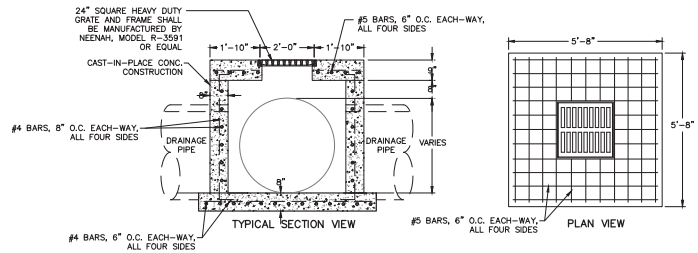
1 DRAIN BASIN WITH 10" GRATE
N.T.S.



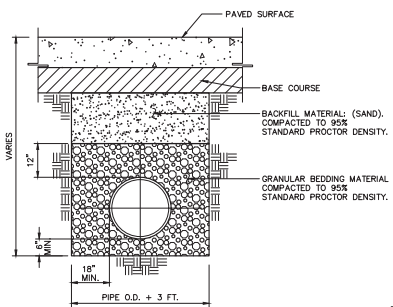
2 10" LIGHT DUTY GRATE
N.T.S.



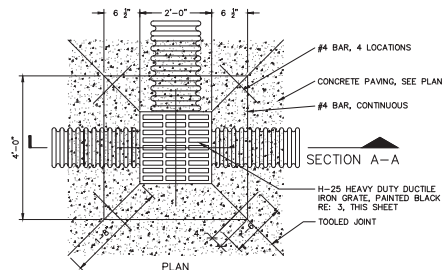
3 H-25 HEAVY DUTY GRATE
N.T.S.



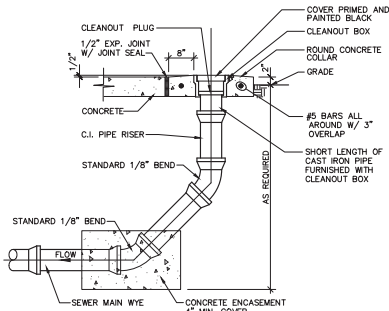
4 CAST-IN-PLACE DRAIN INLET
N.T.S.



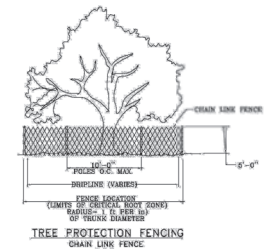
5 FLEXIBLE PIPE BEDDING
N.T.S.



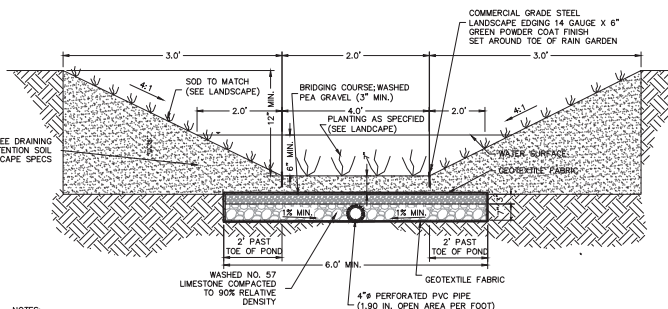
6 DRAIN BASIN WITH 24" SQUARE GRATE
N.T.S.



7 CLEANOUT AT WYE
N.T.S.



8 TREE PROTECTION DETAIL
N.T.S.



9 BIOSWALE DETAIL
N.T.S.

NOTES:
GEOTEXTILE FABRIC MUST BE CLASS B WITH A MINIMUM WATER FLOW RATE OF 135 GAL/MIN. FABRIC SHALL COMPLY WITH DOTD STANDARD SPEC. SECTION 1019 (2008 EDITION OR LATEST EDITION).

NOTES:
* ALL NOTES TO BE POSTED ON FENCING - 1 1/2" O.C. - AND SHALL READ
** <<<WARNING>>> PROTECTIVE TREE FENCING. DO NOT ENTER, MOVE OR REMOVE!

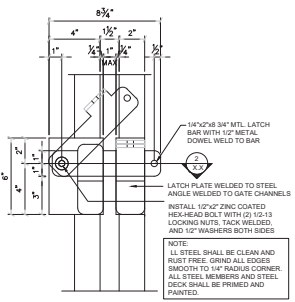
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REVISION	NO.	DATE	REVISIONS
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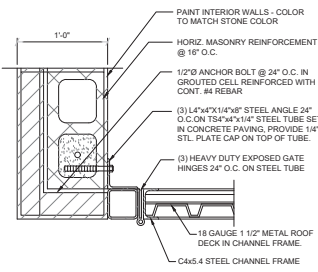
SHEET NO.	TOTAL SHEETS	DATE	SCALE
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PROJECT NUMBER	DRAWING FILE NAME	SCALE
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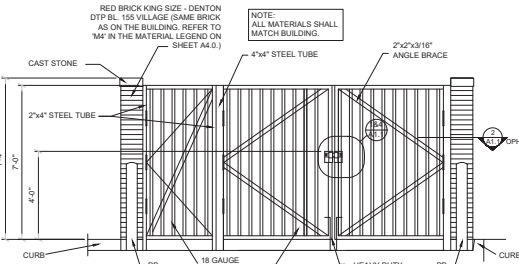
ISSUED FOR PERMITTING ONLY
JULY 6, 2021



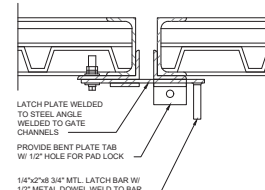
1 GATE LATCH DETAIL
SCALE: N.T.S.



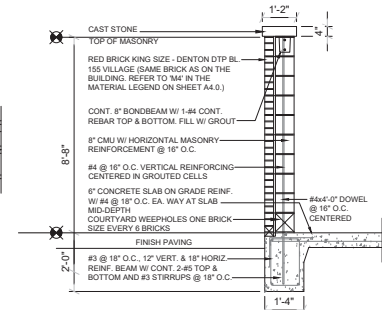
2 GATE HINGE DETAIL
SCALE: N.T.S.



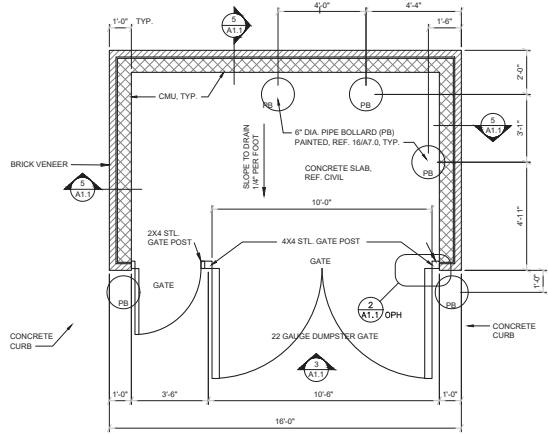
3 DUMPSTER GATE ELEVATION
SCALE: 3/8\"/>



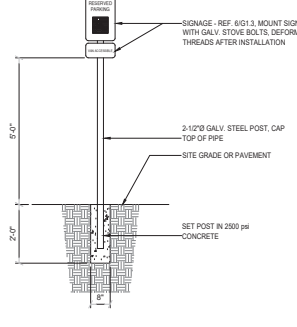
4 GATE LATCH DETAIL
SCALE: N.T.S.



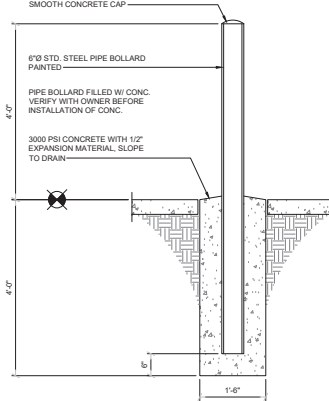
5 DUMPSTER & COURTYARD SCREEN WALL SECTION
SCALE: 1/2\"/>



6 DUMPSTER PLAN
SCALE: 3/8\"/>

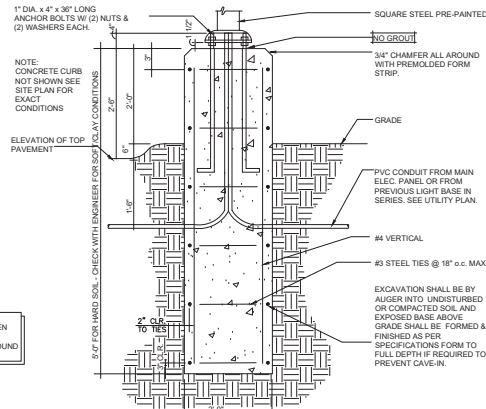
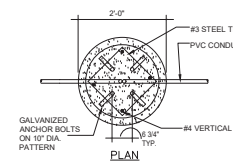


7 ACCESSIBLE PARKING SIGN
SCALE: 1/2\"/>

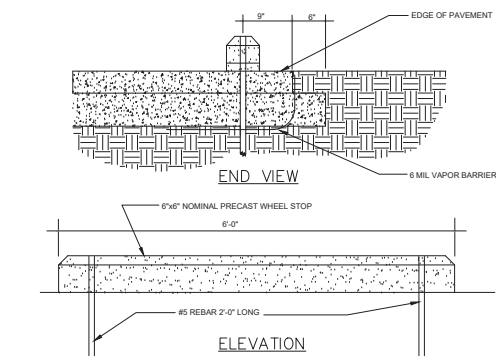


8 PIPE BOLLARD DETAIL
SCALE: 3/4\"/>

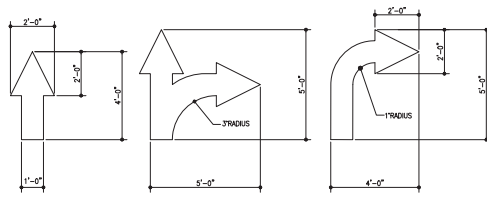
- SITE LIGHT NOTES:**
1. VERIFY ALL PAVING NOTES & DETAILS W/ CIVIL DWGS. AND SOILS REPORT
 2. COORDINATE LOCATION WITH ELECTRICAL SITE PLAN.
 3. VERIFY FIXTURE TYPE W/ OWNER PRIOR TO CONSTRUCTION.
 4. DRESS LIGHT POLE BASE IMMEDIATELY UPON REMOVAL OF SONOTUBE/FORM.
 5. FIELD VERIFY YARD LIGHT LOCATION AND ENSURE A MINIMUM OF 10'-0\"/>



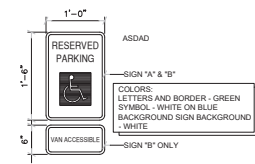
12 LIGHT POLE
SCALE: 1/4\"/>



9 PARKING BARRIER
SCALE: N.T.S.



10 PAVING DIRECTION ARROWS
SCALE: 1/4\"/>



11 ACCESSIBLE SIGNAGE
SCALE: 1/4\"/>

DRAWN BY: DP
CHECKED BY: DP



CJP DESIGNS & DEVELOPMENT, LLC
214-875-8175
DANIEL@CJP-DESIGNS.CO



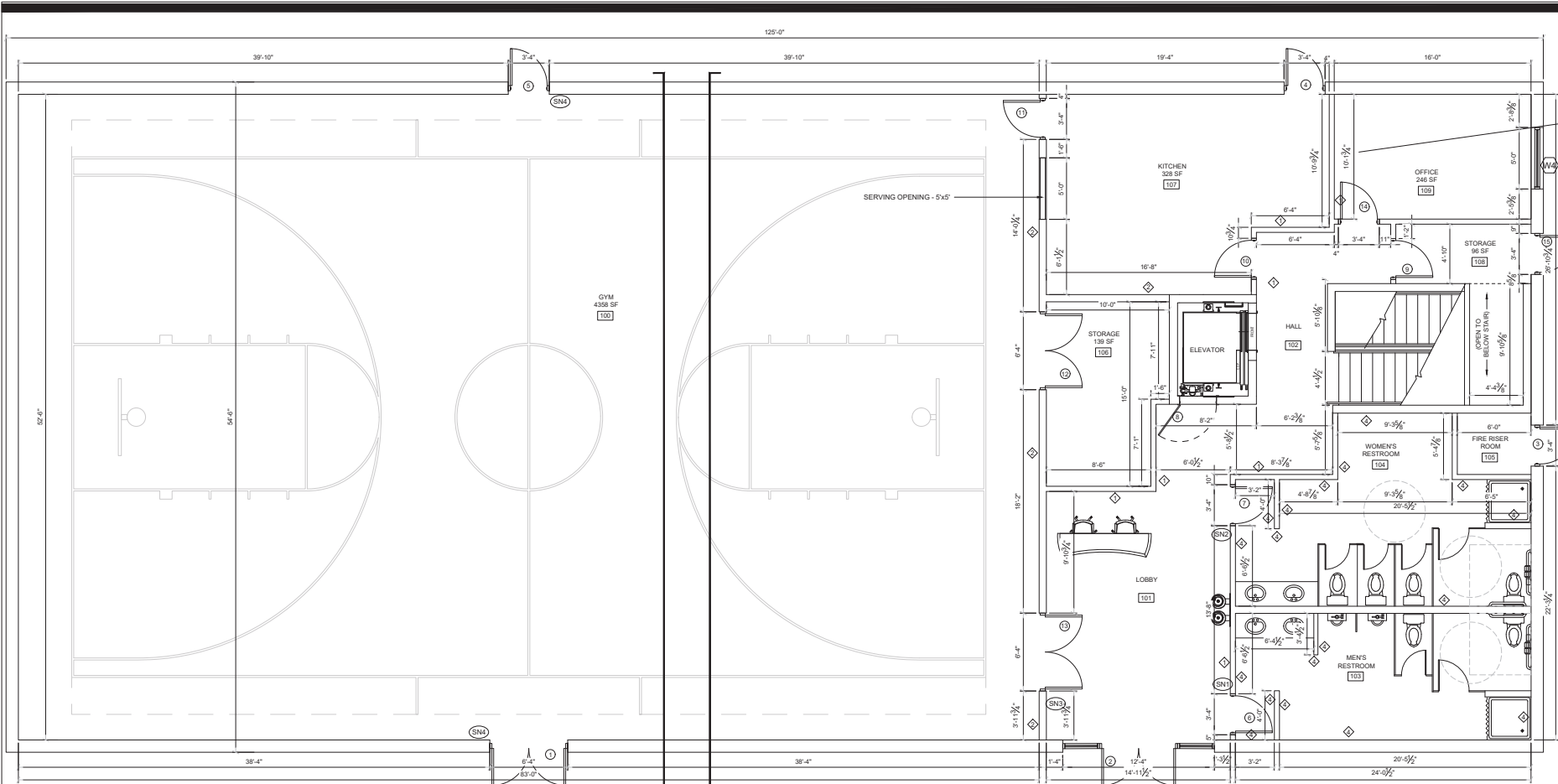
SITE DETAILS
NEW LIFE WELLNESS CENTER
4338 ELYSIAN FIELDS AVE.
NEW ORLEANS, LA 70122

DATE	DESCRIPTION	BY

SCALE:
AS NOTED

PROJECT NO.
081-01

SHEET NO.
A1.1



DRAWN BY: DP
CHECKED BY: DP



DESIGNS
& DEVELOPMENT, LLC
PO BOX 681
CREATON, LA 70024
PHONE: 504-791-1755
DANIEL@DP-DESIGNS.CO

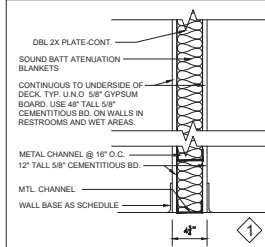


FIRST FLOOR - FLOOR PLAN
NEW LIFE WELLNESS CENTER
4338 ELYSIAN FIELDS AVE.
NEW ORLEANS, LA 70122

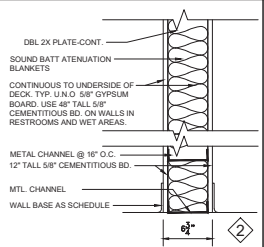
1 FIRST FLOOR - FLOOR PLAN
SCALE: 1/4" = 1'-0"

1 A5.0
1 A5.1

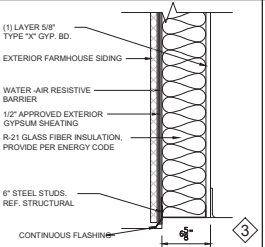
WALL TYPE 1 - INTERIOR WALL



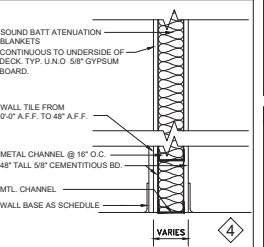
WALL TYPE 2 - INTERIOR WALL



WALL TYPE 3 - EXTERIOR WALL



WALL TYPE 4 - RR WET WALL



WALL TYPE NOTES

- A. ALL DIMENSIONS ON PLANS UNLESS OTHERWISE NOTED ARE TO FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD AND FROM FACE OF INTERIOR FINISH SURFACE TO FACE OF EXTERIOR FINISH SURFACE.
- B. FRAMER SHALL ALLOW FOR DRYWALL AND CORNER BEADS FOR PROPER FINISHED DIMENSIONS REQUIRED AT CRITICAL DIMENSIONS TO INSTALL EQUIPMENT.
- C. REFER TO SECTIONS AND DETAILS FOR INSULATION THICKNESS AND "R" RATINGS.

BLDG. SIGNAGE

- (SNT) MENS TOILET
- (SN2) WOMENS TOILET
- (SN3) OCCUPANCY SIGN
- (SNA) EMERGENCY EXIT SIGN

(NOTE: ALL SIGNAGE IN THIS SCHEDULE TO BE PROVIDED BY GC)

GENERAL NOTES

1. CONTRACTORS SHALL NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. IN THE EVENT OF OMISSION OF NECESSARY DIMENSIONS THE CONTRACTORS SHALL NOTIFY THE ARCHITECT AND/OR ENGINEER(S).
2. VERIFY ALL DIMENSIONS, CONDITIONS, AND GRADES AT JOB SITE PRIOR TO COMMENCING WORK.
3. VERIFY SIZE, LOCATION, AND CHARACTERISTICS OF ALL WORK AND EQUIPMENT TO BE FURNISHED BY OWNER OR OTHERS, WITH THE MANUFACTURER OR SUPPLIER BEFORE ANY CONSTRUCTION PERTAINING TO SAME IS BEGUN.
4. VERIFY SIZE AND LOCATION OF ALL OPENINGS FOR MECHANICAL EQUIPMENT AND WORK WITH CONTRACTORS INVOLVED.
5. ERRORS AND/OR OMISSIONS IN ROOM, DOOR, AND WINDOW SCHEDULES DO NOT RELIEVE THE CONTRACTOR FROM EXECUTING WORK SHOWN ON DRAWINGS OR DESCRIBED IN SPECIFICATIONS.
6. ALL DOORS 5' FROM WALL TO DOOR OPENING U.O.D. PLACEMENT OF DOOR AND FRAME SHALL COMPLY TO ADA AND TAB ACCESSIBILITY STANDARDS REF. ADA SHEET.
7. ALL DIMENSIONS SHOWN TO FACE OF EXTERIOR WALLS ARE FACE OF STUD. ALL DIMENSIONS SHOWN TO INTERIOR WALLS ARE TO CENTERLINE OF STUD, OR FACE OF FINISH GYPSUM BOARD OR PLYWOOD.
8. ALL EXTERIOR WALLS SHALL BE 2X6 WOOD STUDS AT 16" O.C. W/ 5/8" WATER RESISTANT GYPSUM BOARD ON THE INTERIOR FACE. U.O.N. ALL EXTERIOR DOORS SHALL BE WEATHERSTRIPPED.
9. ALL EXTERIOR JOINTS AROUND DOOR FRAMES & WINDOWS & AT ALL PENETRATIONS THROUGH BUILDING ENVELOPE SHALL BE SEALED USING SEALANT & CAULKING. ADDITIONALLY, FOAM INSULATION SHALL BE PROVIDED IN & AROUND ALL WINDOW AND/OR DOOR FRAMES WHERE METAL MEETS WOOD. FRAMING PLUS ALL EXTERIOR WALL OPENINGS/PENETRATIONS.
10. ALL GLAZING WITHIN DOORS AND OPERABLE WINDOW, AND ALL GLAZING ADJACENT TO DOORS SHALL BE TEMPERED AS REQUIRED BY CURRENT BUILDING CODE.
11. ANY TIME THE BUILDING IS OCCUPIED, THE MEANS OF EGRESS SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1 FOOT-CANDLE AT THE FLOOR LEVEL. SEE ELECTRICAL DRAWINGS.
12. PROVIDE EXIT SIGNS FOR EGRESS IDENTIFICATION. SEE ELECTRICAL DRAWINGS.
13. ALL FINISH SURFACES SHALL HAVE A FLAME SPREAD CLASSIFICATION OF CLASS C OR HIGHER (FLAME SPREAD INDEX 75 THROUGH 200 & A SMOKE DENSITY RATING OF 450).
14. GENERAL CONTRACTOR SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS PER LOCAL FIRE MARSHAL. GENERAL CONTRACTOR TO INSTALL.
15. PROVIDE 2x SOLID BLOCKING IN WALLS AS REQUIRED FOR REINFORCEMENT OF ALL GRAB BARS, RESTROOM FIXTURES, PLUMBING LINES, WALL BUMPERS AND MILL WORK ATTACHMENT, ETC.
16. PROVIDE APPROVED EGRESS ILLUMINATION AND ILLUMINATED EXIT SIGNS. SEE ELECTRICAL DRAWINGS.
17. PROVIDE APPROVED PANIC HARDWARE ON EXIT DOORS.

DATE	DESCRIPTION

SCALE:
AS NOTED

PROJECT NO.
081-101

SHEET NO.
A2.0

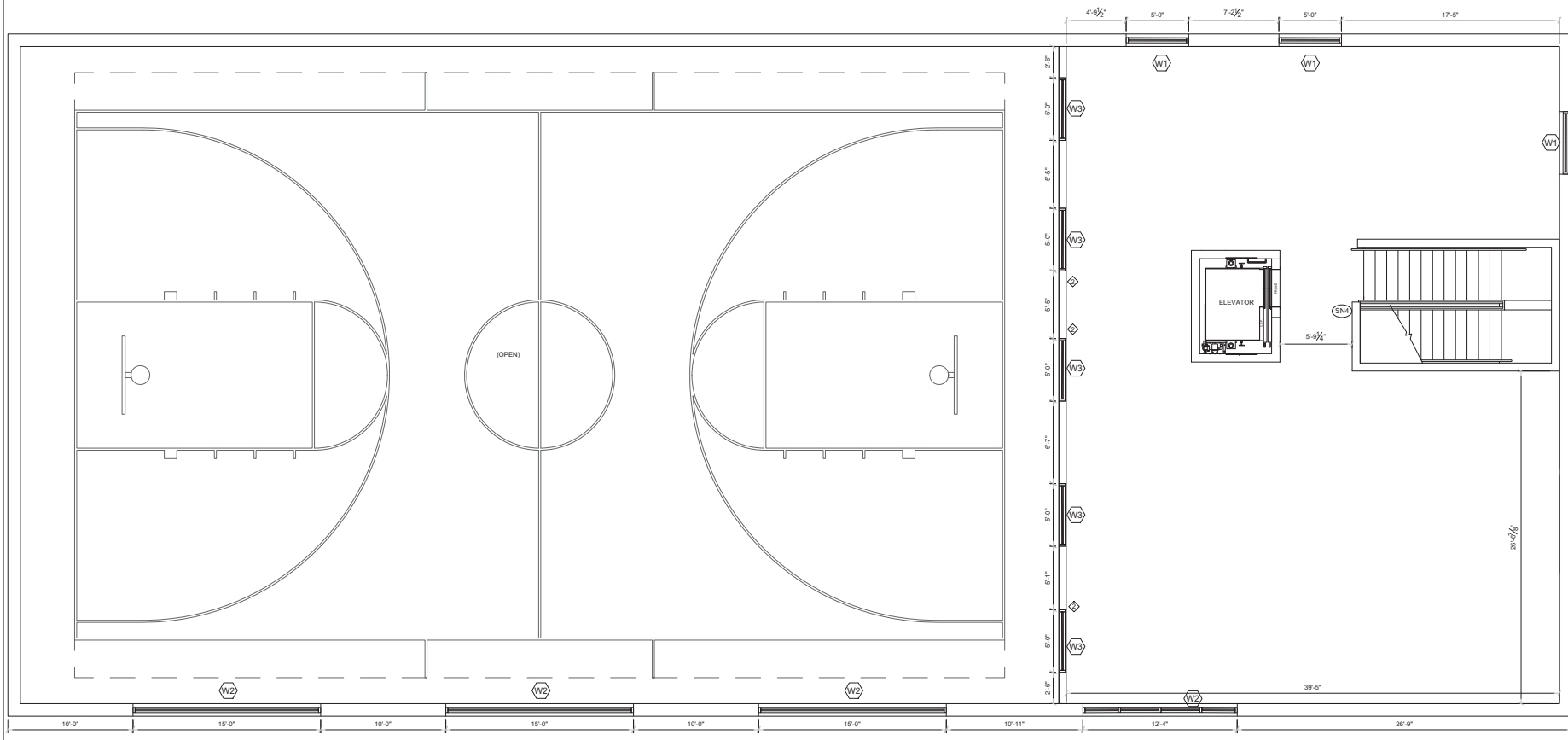
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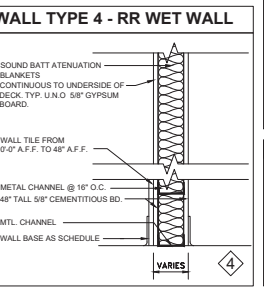
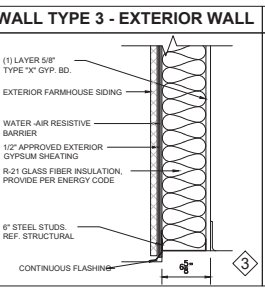
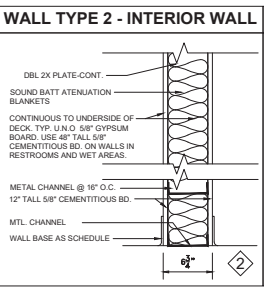
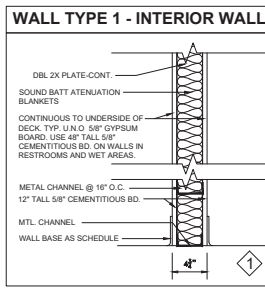
CJPD DESIGNS
 & DEVELOPMENT, LLC
 214-875-9175
 DANIEL@CJPD-DESIGNS.CO



SECOND FLOOR - FLOOR PLAN
 NEW LIFE WELLNESS CENTER
 4338 ELYSIAN FIELDS AVE.
 NEW ORLEANS, LA 70122



1 SECOND FLOOR - FLOOR PLAN
 SCALE: 1/4" = 1'-0"



WALL TYPE NOTES

A. ALL DIMENSIONS ON PLANS UNLESS OTHERWISE NOTED ARE TO FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD AND FROM FACE OF INTERIOR FINISH SURFACE TO FACE OF EXTERIOR FINISH SURFACE.

B. FRAMER SHALL ALLOW FOR DRYWALL AND CORNER BEADS FOR PROPER FINISHED DIMENSIONS REQUIRED AT CRITICAL DIMENSIONS TO INSTALL EQUIPMENT.

C. REFER TO SECTIONS AND DETAILS FOR INSULATION THICKNESS AND "R" RATINGS.

BLDG. SIGNAGE

(SNI) MENS TOILET
 (SN2) WOMENS TOILET
 (SNO) OCCUPANCY SIGN
 (SNA) EMERGENCY EXIT SIGN

(NOTE: ALL SIGNAGE IN THIS SCHEDULE TO BE PROVIDED BY GC)

GENERAL NOTES

- CONTRACTORS SHALL NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. IN THE EVENT OF OMISSION OF NECESSARY DIMENSIONS THE CONTRACTORS SHALL NOTIFY THE ARCHITECT AND/OR ENGINEER(S).
- VERIFY ALL DIMENSIONS, CONDITIONS, AND GRADES AT JOB SITE PRIOR TO COMMENCING WORK.
- VERIFY SIZE, LOCATION, AND CHARACTERISTICS OF ALL WORK AND EQUIPMENT TO BE FURNISHED BY OWNER OR OTHERS, WITH THE MANUFACTURER OR SUPPLIER BEFORE ANY CONSTRUCTION PERTAINING TO SAME IS BEGUN.
- VERIFY SIZE AND LOCATION OF ALL OPENINGS FOR MECHANICAL EQUIPMENT AND WORK WITH CONTRACTORS INVOLVED.
- ERRORS AND/OR OMISSIONS IN ROOM, DOOR, WINDOW SCHEDULES DO NOT RELIEVE THE CONTRACTOR FROM EXECUTING WORK SHOWN ON DRAWINGS OR DESCRIBED IN SPECIFICATIONS.
- ALL DOORS 5' FROM WALL TO DOOR OPENING U.N.O. PLACEMENT OF DOOR AND FRAME SHALL COMPLY TO ADA AND TAS ACCESSIBILITY STANDARDS REF: ADA SHEET.
- ALL DIMENSIONS SHOWN TO FACE OF EXTERIOR WALLS ARE FACE OF STUD. ALL DIMENSIONS SHOWN TO INTERIOR WALLS ARE TO CENTERLINE OF STUD, OR FACE OF FINISH GYPSUM BOARD OR PLYWOOD.
- ALL EXTERIOR WALLS SHALL BE 2x6 WOOD STUDS AT 16" O.C. W/ 5/8" WATER RESISTANT GYPSUM BOARD ON THE INTERIOR FACE. U.O.N. ALL EXTERIOR DOORS SHALL BE WEATHERSTRIPPED.
- ALL EXTERIOR JOINTS AROUND DOOR FRAMES & WINDOWS & AT ALL PENETRATIONS THROUGH BUILDING ENVELOPE SHALL BE SEALED USING SEALANT & CAULKING. ADDITIONALLY, FOAM INSULATION SHALL BE PROVIDED IN & AROUND ALL WINDOW AND/OR DOOR FRAMES WHERE METAL MEETS WOOD. FRAMING PLUS ALL EXTERIOR WALL OPENINGS/PENETRATIONS.
- ALL GLAZING WITHIN DOORS AND OPERABLE WINDOW, AND ALL GLAZING ADJACENT TO DOORS SHALL BE TEMPERED AS REQUIRED BY CURRENT BUILDING CODE.
- ANY TIME THE BUILDING IS OCCUPIED, THE MEANS OF EGRESS SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1 FOOT-CANDLE AT THE FLOOR LEVEL. SEE ELECTRICAL DRAWINGS.
- PROVIDE EXIT SIGNS FOR EGRESS IDENTIFICATION. SEE ELECTRICAL DRAWINGS.
- ALL FINISH SURFACES SHALL HAVE A FLAME SPREAD CLASSIFICATION OF CLASS C OR HIGHER (FLAME SPREAD INDEX 75 THROUGH 200 & A SMOKE DENSITY RATING OF 450).
- GENERAL CONTRACTOR SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS PER LOCAL FIRE MARSHAL. GENERAL CONTRACTOR TO INSTALL.
- PROVIDE 2x SOLID BLOCKING IN WALLS AS REQUIRED FOR REINFORCEMENT OF ALL GRAB BARS, RESTROOM FIXTURES, PLUMBING LINES, WALL BUMPERS AND MILLWORK ATTACHMENT, ETC.
- PROVIDE APPROVED EGRESS ILLUMINATION AND ILLUMINATED EXIT SIGNS. SEE ELECTRICAL DRAWINGS.
- PROVIDE APPROVED PANIC HARDWARE ON EXIT DOORS.

DATE	DESCRIPTION	BY

SCALE:
AS NOTED

PROJECT NO.
081-101

SHEET NO.
A2.1

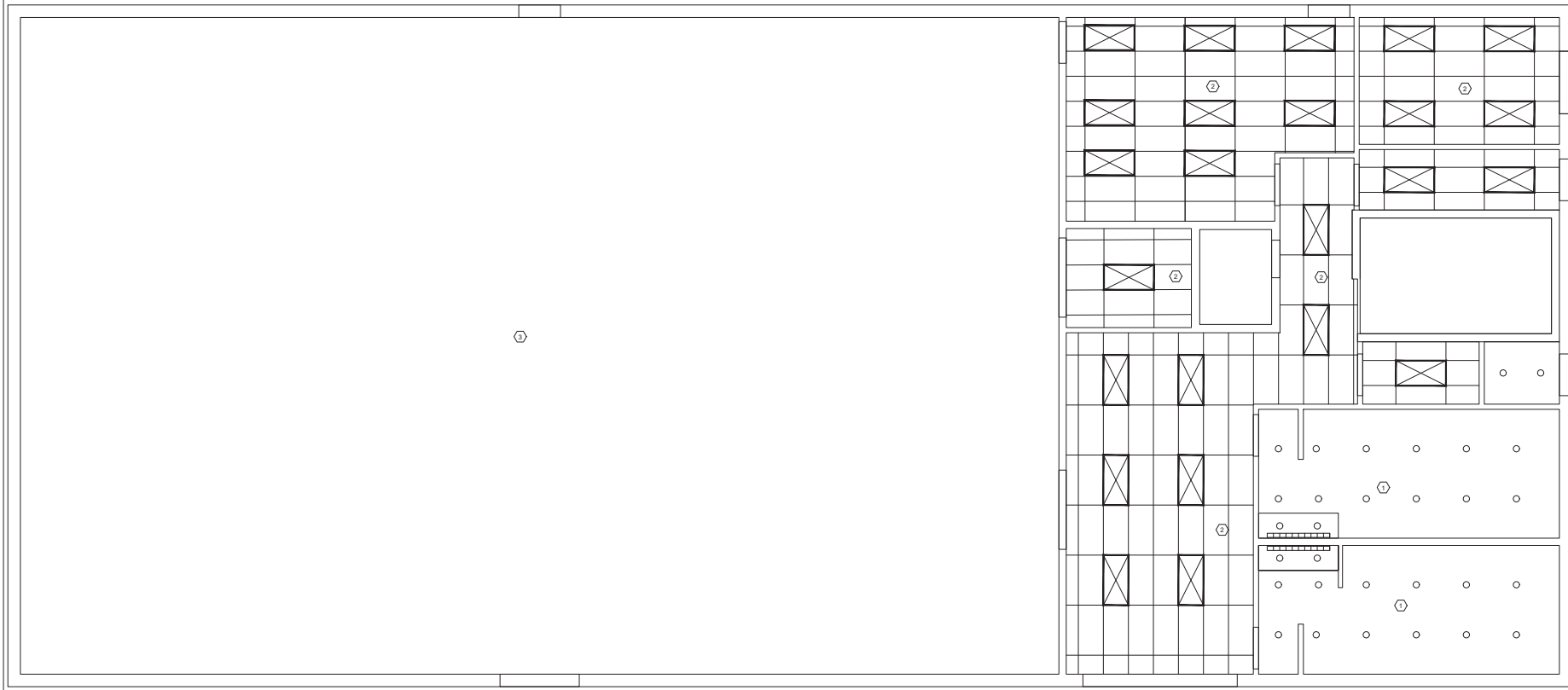
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FIRST FLOOR - REFLECTED CEILING PLAN
 NEW LIFE WELLNESS CENTER
 4338 ELYSIAN FIELDS AVE.
 NEW ORLEANS, LA 70122



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

R.C.P. LEGEND	
EXIT LIGHT	
EMERGENCY EXIT LIGHT	
RECESSED CEILING LIGHT FIXTURE	
LED LIGHT FIXTURE	

- R.C.P. GENERAL NOTES**
- A. VERIFY ALL PLACEMENTS OF LIGHTS WITH OWNER PRIOR TO INSTALLATION.
 - SEE ELECTRICAL PLANS FOR ADDITIONAL LIGHTING INFORMATION
 - ALL CEILING MATERIAL SHALL NOT EXCEED FLAME CLASS II - FLAME SPREAD INDEX 25/75
 - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK FOR ALL TRADES INVOLVED IN THE CEILING WORK TO ENSURE THAT PROPER CLEARANCES FOR DUCTS, LIGHTS, PIPING, ETC. ARE MET AND THAT THE CEILING HEIGHTS NOTED ON THE DRAWING ARE MAINTAINED.
 - GENERAL CONTRACTOR TO VERIFY REQUIREMENTS AND QUANTITIES OF FIRE PROTECTION DEVICES INCLUDING SMOKE DETECTORS, DUCT SMOKE DETECTORS, FIRE ALARMS, RELATED SPEAKERS, STROBES, ETC. LIFE SAFETY INSTALLATIONS TO MEET REQUIREMENTS OF ALL APPLICABLE CODES AND ORDINANCES.
 - ALL LIGHTING SHALL BE 20 FC AT 90" AFF.
 - CAULK JOINTS BETWEEN CEILING GRID AND ADJACENT SURFACES.

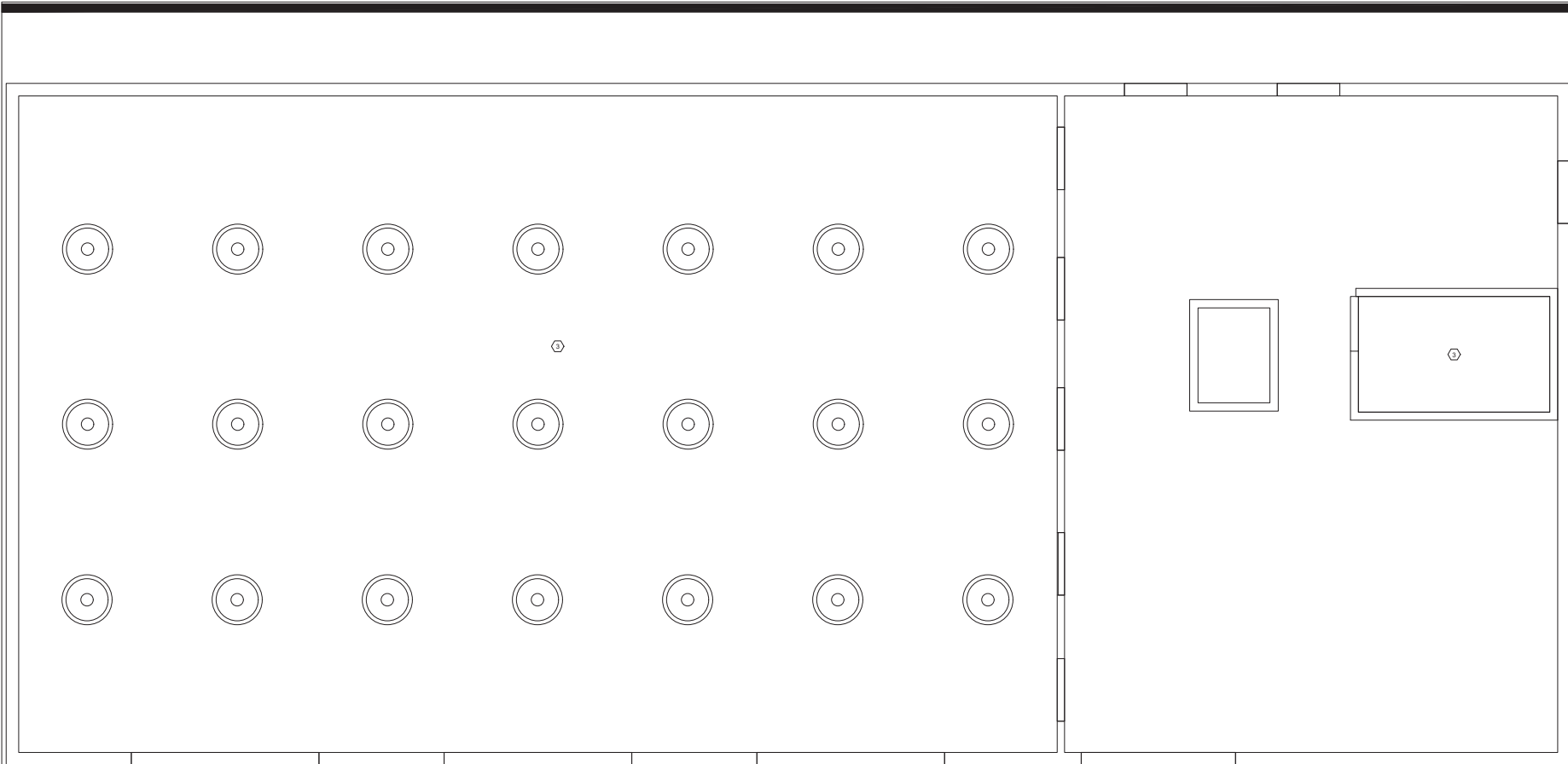
- R.C.P. KEY NOTES**
- GYP. BD. CEILING @ 9'-0" A.F.F.
 - LAY-IN CEILING @ 9'-0" A.F.F.
 - OPEN - NO CEILING

DATE	DESCRIPTION	BY

SCALE:
AS NOTED

PROJECT NO.
081-01

SHEET NO.
A2.2



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

R.C.P. LEGEND	
EXIT LIGHT	
EMERGENCY EXIT LIGHT	
RECESSED CEILING LIGHT FIXTURE	
LED LIGHT FIXTURE	

- R.C.P. GENERAL NOTES**
1. A. VERIFY ALL PLACEMENTS OF LIGHTS WITH OWNER PRIOR TO INSTALLATION.
 2. SEE ELECTRICAL PLANS FOR ADDITIONAL LIGHTING INFORMATION.
 3. ALL CEILING MATERIAL SHALL NOT EXCEED FLAME CLASS II - FLAME SPREAD INDEX 25/75.
 4. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK FOR ALL TRADES INVOLVED IN THE CEILING WORK TO ENSURE THAT PROPER CLEARANCES FOR DUCTS, LIGHTS, PIPING, ETC. ARE MET AND THAT THE CEILING HEIGHTS NOTED ON THE DRAWING ARE MAINTAINED.
 5. GENERAL CONTRACTOR TO VERIFY REQUIREMENTS AND QUANTITIES OF FIRE PROTECTION DEVICES INCLUDING SMOKE DETECTORS, DUCT SMOKE DETECTORS, FIRE ALARMS, RELATED SPEAKERS, STROBES, ETC. LIFE SAFETY INSTALLATIONS TO MEET REQUIREMENTS OF ALL APPLICABLE CODES AND ORDINANCES.
 6. ALL LIGHTING SHALL BE 20 FC AT 90" AFF.
 7. CAULK JOINTS BETWEEN CEILING GRID AND ADJACENT SURFACES.

- R.C.P. KEY NOTES**
- ① GYP. BD. CEILING @ 9'-0" A.F.F.
 - ② LAY-IN CEILING @ 9'-0" A.F.F.
 - ③ OPEN - NO CEILING

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CHECKED BY: DP

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DESIGN, LLC
PO BOX 681
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PHONE: 714-793-1755
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SECOND FLOOR - REFLECTED CEILING PLAN
NEW LIFE WELLNESS CENTER
4338 ELYSIAN FIELDS AVE.
NEW ORLEANS, LA 70122

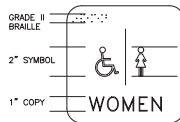
DATE	DESCRIPTION	BY

SCALE:
AS NOTED

PROJECT NO.
081-01

SHEET NO.
A2.3

RESTROOM SIGNAGE



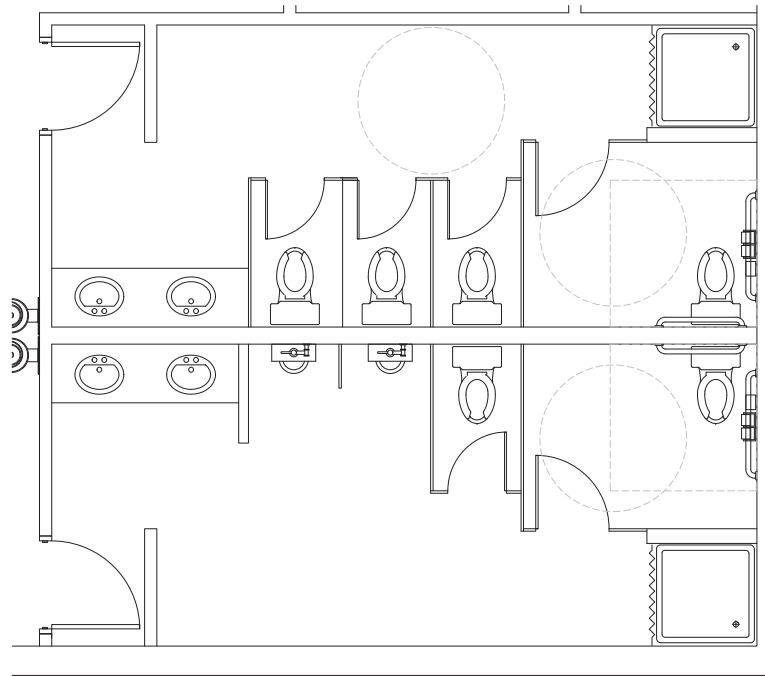
RESTROOM SIGNS:
 RAISED IMAGE: BLUE
 BACKGROUND: ALMOND
 8" X 8" ADHESIVE PLASTIC
 (1) MEN, (1) WOMEN
 (SIGNAGE TO MEET
 ADA REQUIREMENTS)

FIXTURE MOUNTING HEIGHT SCHEDULE

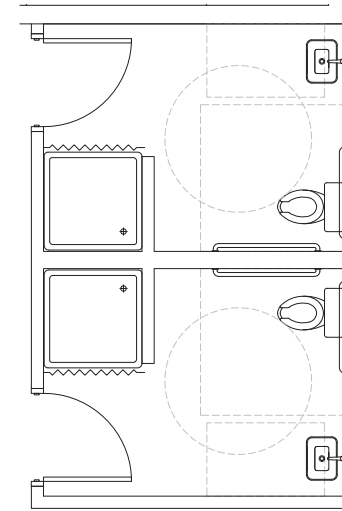
- LAVATOIRES (MEASURED FROM FLOOR TO RIM)
 - ADULTS = 32" (29" MIN. KNEESPACE)
 - HANDICAPPED = 34" MAX.
- URINALS (MEASURED FROM FLOOR TO RIM)
 - ADULTS = 24"
 - HANDICAPPED = 17"
- WATER CLOSETS (MEASURED FROM FLOOR TO TOP OF SEAT)
 - ADULTS = 15"
 - HANDICAPPED = 17" TO 19"
- DRINKING FOUNTAINS AND E.W.C. (MEASURED FROM FLOOR TO SPOUT OUTLET)
 - ADULTS = 42"
 - HANDICAPPED = 36" MAX. (27" MIN. KNEESPACE)
- HANDICAPPED GRAB BARS (MEASURED FROM FLOOR TO CENTERLINE OF BAR)
 - ADULTS = 34"
- PAPER TOWEL DISPENSERS (MEASURED FROM FLOOR TO TOWEL SLOT)
 - ADULTS = 40"
- TOILET TISSUE DISPENSERS (MEASURED FROM FLOOR TO CENTERLINE OF ROLL)
 - ADULTS = 20"
- SOAP DISPENSER (MEASURED FROM FLOOR TO CENTERLINE OF PUSH BUTTON)
 - ADULTS = 38"
 - HANDICAPPED = 35"
- FEMININE NAPKIN VENDOR (MEASURED FROM FLOOR TO COIN SLOT)
 - ADULTS = 40"
- FEMININE NAPKIN DISPOSAL (MEASURED FROM FLOOR TO TOP OF UNIT)
 - ADULTS = 34"
- MIRRORS (MEASURED FROM FLOOR TO BOTTOM OF MIRROR)
 - ADULTS = 40"

PLUMBING/ACCESSORY SCHEDULE

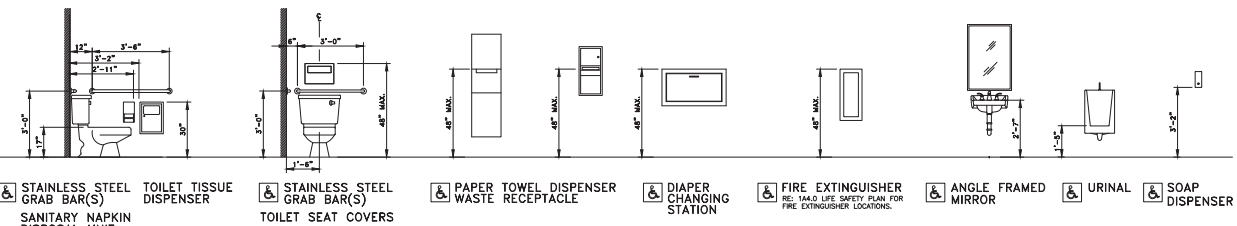
	DESCRIPTION	MFR / MODEL #	FURN. INST.	REMARKS	FINISH
R1	LAVATORY	KOHLER CAXTON RECTANGLE, MODEL # K-20000-0	CON/ CON	W/ SUPPORT ARMS CONCEALED IN WALL (TYP.) FINAL SELECTION BY OWNER.	WHITE
R2	WATER CLOSET (1) L.H. (1) R.H.	GC TO SELECT	CON/ CON	ELONGATED BOWL TOILET, TANK THREE 1/4" G.F.F. 1/2" SUPPLY LINE. CHURCH 9500 FRONT OPEN SEAT.	WHITE
R3	WASTE RECEPTACLE	BOBRICK B-279	CON/ CON	SURFACE MOUNTED @ +30" A.F.F.	STAINLESS STEEL
R4	GRAB BARS	BOBRICK B-6206	CON/ CON	36" REAR / 42" SIDES X 1 1/2" DIA. BARS SHALL NOT ROTATE IN THEIR FITTINGS - STRENGTH SHALL COMPLY WITH SUB-SECTION 4.26.3	STAINLESS STEEL TEXTURE GRIP
R5	TISSUE DISPENSER CONTINUOUS FLOW	BOBRICK B-2888	CON/ CON	SURFACE MOUNTED, MULTI ROLL CONTINUOUS FLOW	STAINLESS STEEL
R6	EXHAUST FAN SEE REFLECTED CEILING PLAN	SEE MECH. SCHEDULES FOR MODEL	CON/ CON	DIRECT WIRE TO LIGHT SWITCH	
R7	FAUCET	ULTRA FAUCETS SIGNATURE COLLECTION 8 IN. WIDESPREAD		2-HANDLE BATHROOM FAUCET WITH POP-UP DRAIN, LEVER TYPE PER ADA	OIL RUBBED BRONZE
R8	MIRROR	GC TO SELECT, OWNER APPROVAL REQUIRED.			
R9	TOILET SEAT COVER DISPENSER	BOBRICK B-221	CON/ CON	SURFACE MOUNTED ABOVE TOILET @ +38"	STAINLESS STEEL
R10	SOAP DISPENSER	BOBRICK B-4112	CON/ CON	SURFACE MOUNTED @ LAVATORY	STAINLESS STEEL
R11	BABY CHANGING STATION	KOALA BEAR CARE	CON/ CON	WALL MOUNTED @ +32" A.F.F.	STAINLESS STEEL
R12	SANITARY NAPKIN DISPOSAL	BOBRICK B-270	CON/ CON	SURFACE MOUNTED, NEXT TO TISSUE DISPENSER	STAINLESS STEEL
R13	URINAL & FLUSH VALVE	GC TO SELECT	CON/ CON	WALL MOUNTED 17" TO LIP	WHITE CHROME
R14	PAPER TOWEL DISPENSER	BOBRICK B-262	CON/ CON	WALL MOUNTED	PLASTIC
R15	SANITARY NAPKIN VENDOR	BOBRICK B-3502	CON/ CON	WALL MOUNTED	
R16	HAND DRYER	EXCEL - XLERATOR	CON/ CON	SURFACE MOUNTED	WHITE
R17	PARTITION		CON/ CON		



1 FIRST FLOOR ENLARGE RESTROOM FLOOR PLAN
 A2.5 SCALE: 1/2" = 1'-0"



1 SECOND FLOOR ENLARGE RESTROOM FLOOR PLAN
 A2.5 SCALE: 1/2" = 1'-0"



3 ADA/FIXTURE MOUNTING HEIGHTS
 A2.5 SCALE: 3/8" = 1'-0"

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ENLARGED RESTROOM FLOOR PLANS

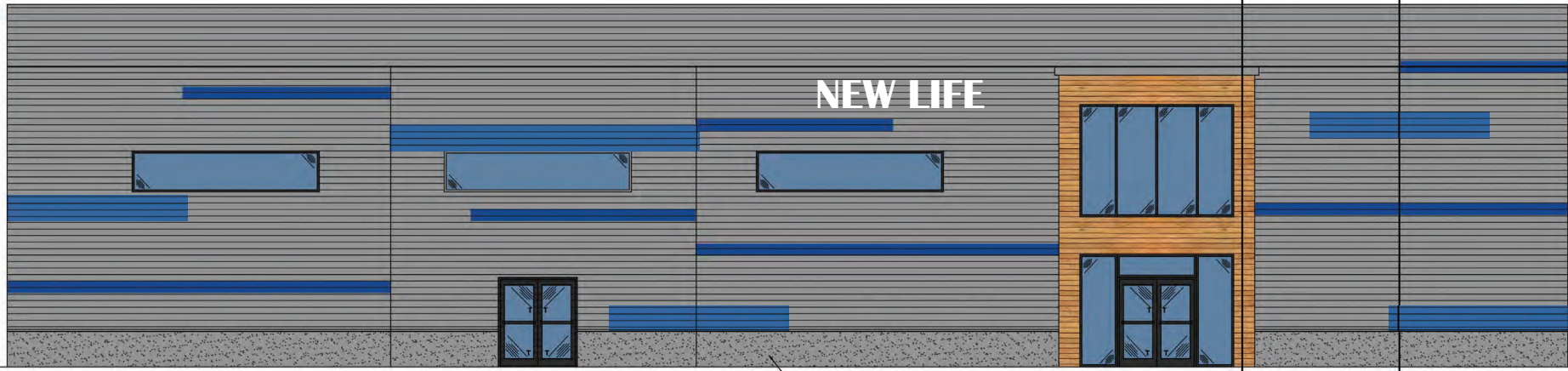
NEW LIFE WELLNESS CENTER
 4338 ELYSIAN FIELDS AVE.
 NEW ORLEANS, LA 70122

DATE	DESCRIPTION	BY

SCALE:
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PROJECT NO.
081-101

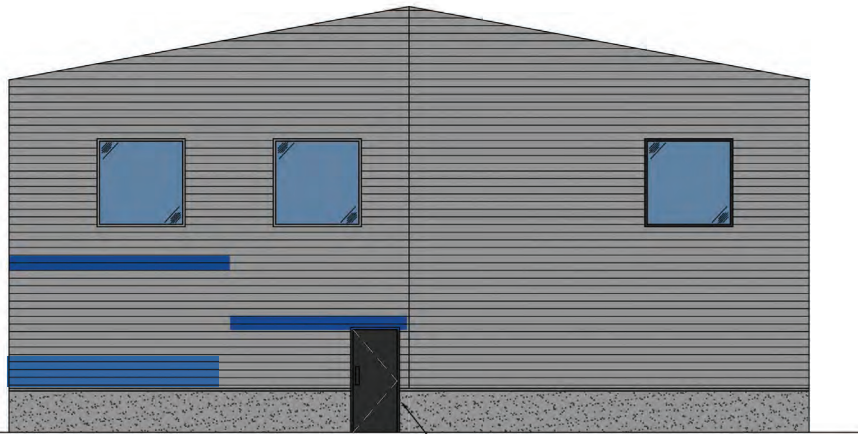
SHEET NO.
A2.5



1 EAST (FRONT) ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL NOTE: ALL WINDOWS ARE TO HAVE CLEAR 1" INSULATED LOW 'E' GLASS MEETING NATIONAL ENERGY CODE STANDARDS

STUCCO ON MTL. LATH, VAPOR BARRIER & 1/2" SHEATHING



2 NORTH (SIDE) ELEVATION
SCALE: 1/4" = 1'-0"

STUCCO ON MTL. LATH, VAPOR BARRIER & 1/2" SHEATHING

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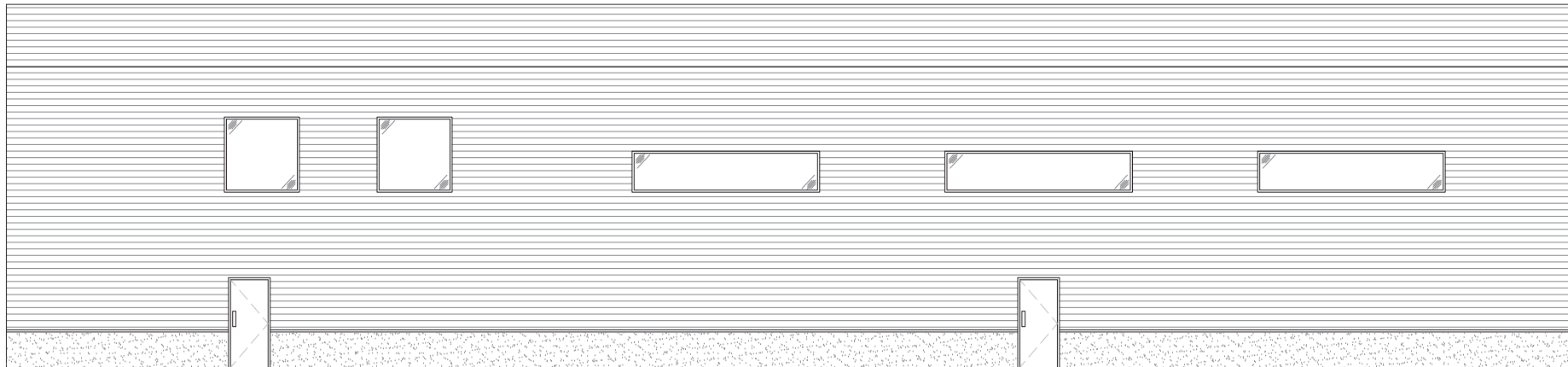
ELEVATIONS
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DATE	DESCRIPTION	BY

SCALE:
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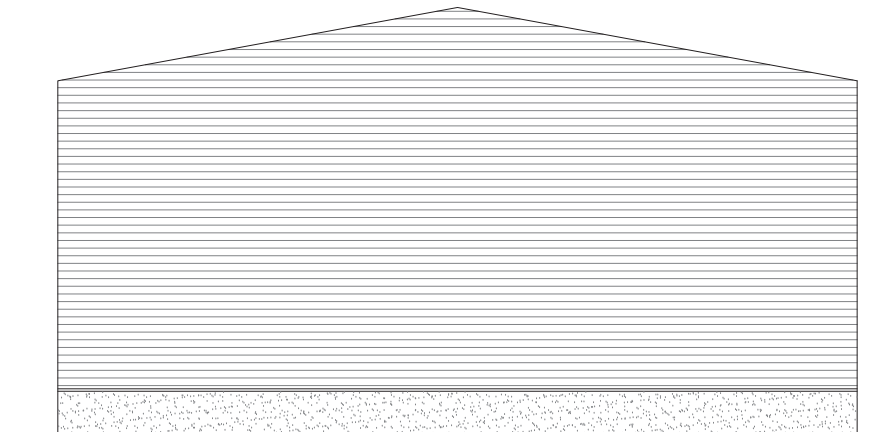
PROJECT NO.
081-01

SHEET NO.
A4.0



1 WEST (REAR) ELEVATION
A4.1 SCALE: 1/4" = 1'-0"

GENERAL NOTE: ALL WINDOWS ARE TO HAVE CLEAR 1" INSULATED
 LOW "E" GLASS MEETING NATIONAL ENERGY CODE STANDARDS



2 SOUTH (SIDE) ELEVATION
A4.1 SCALE: 1/4" = 1'-0"

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Daniel J. Poirier

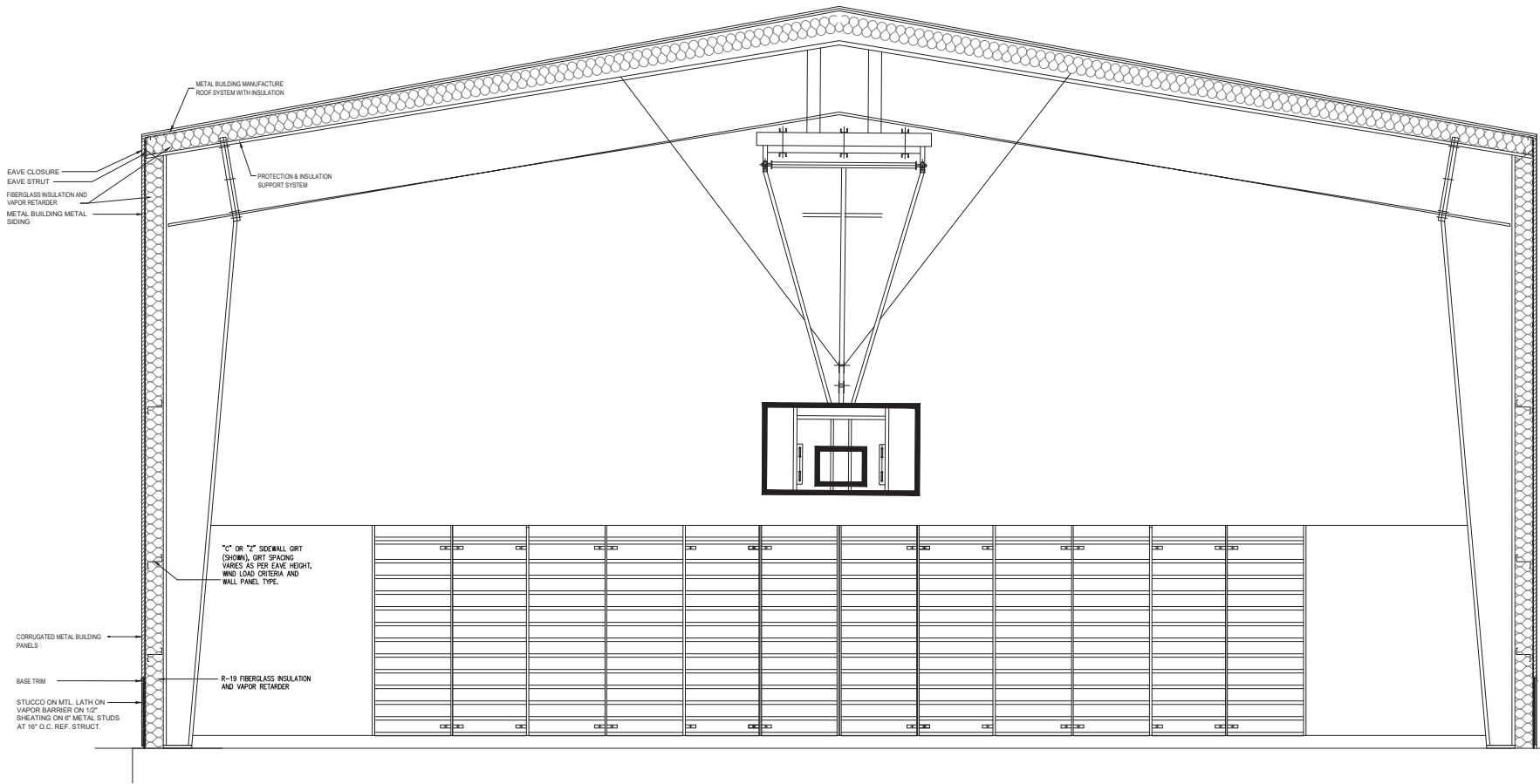
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DATE	DESCRIPTION	BY

SCALE:
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PROJECT NO.
081-01

SHEET NO.
A4.1



METAL BUILDING MANUFACTURE
ROOF SYSTEM WITH INSULATION

EAVE CLOSURE
EAVE STRUT
FIBERGLASS INSULATION AND
VAPOR RETARDER
METAL BUILDING METAL
SIDING

PROTECTION & INSULATION
SUPPORT SYSTEM

"C" OR "Z" SIDEWALL GIRT
(SHOWN), GIRT SPACING
VARIES AS PER EAVE HEIGHT,
WIND LOAD CRITERIA AND
WALL PANEL TYPE.

CORRUGATED METAL BUILDING
PANELS

BASE TRIM

STUCCO ON MTL. LATH ON
VAPOR BARRIER ON 1/2"
SHEATING ON 6" METAL STUDS
AT 16" O.C. REF. STRUCT.

R-19 FIBERGLASS INSULATION
AND VAPOR RETARDER

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

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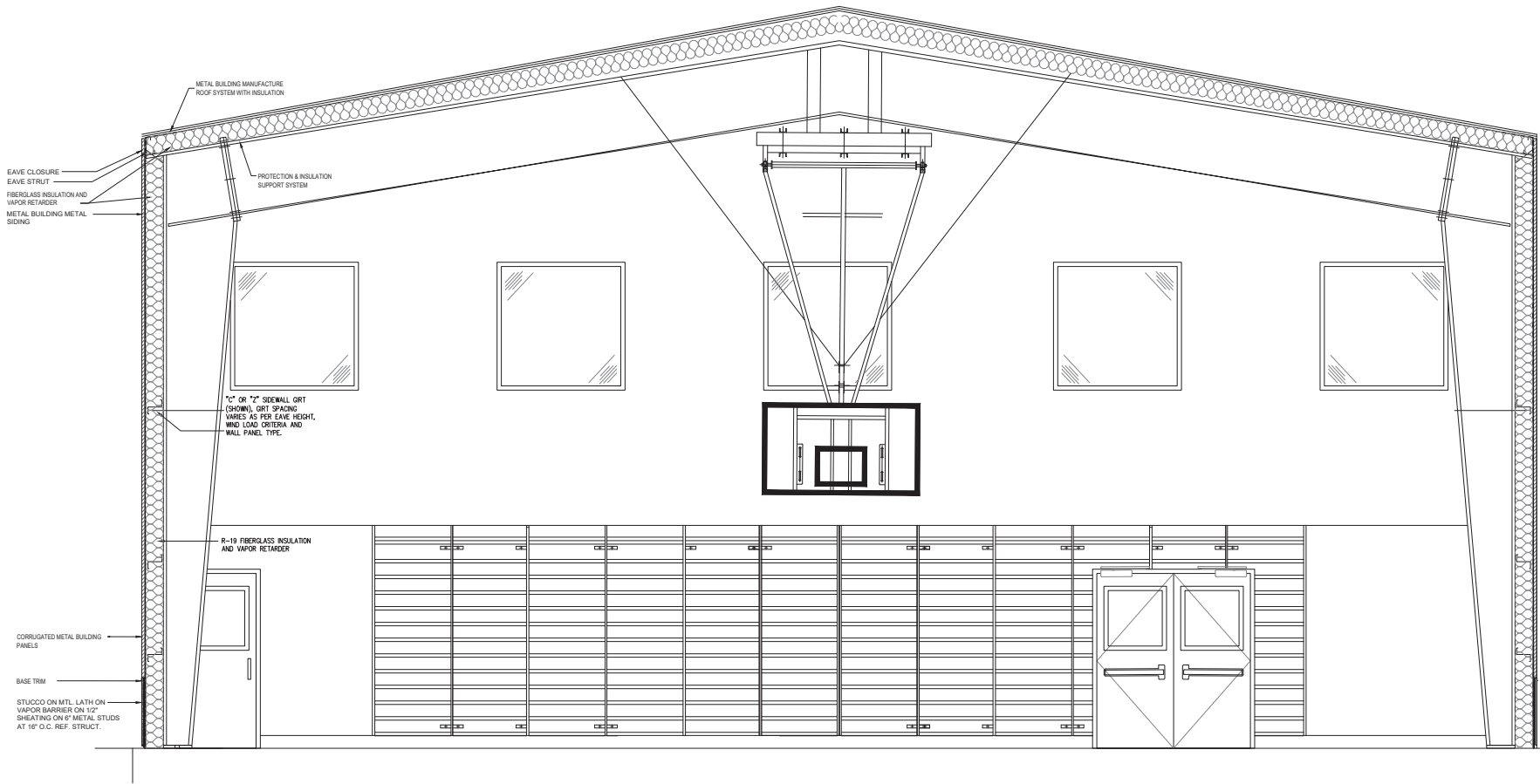
BUILDING SECTION
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DATE	DESCRIPTION	BY

SCALE:
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A5.0



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

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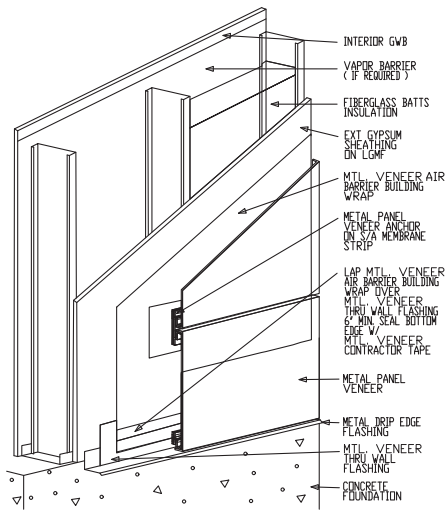
BUILDING SECTION
NEW LIFE WELLNESS CENTER
4338 ELYSIAN FIELDS AVE.
NEW ORLEANS, LA 70122

DATE	DESCRIPTION	BY

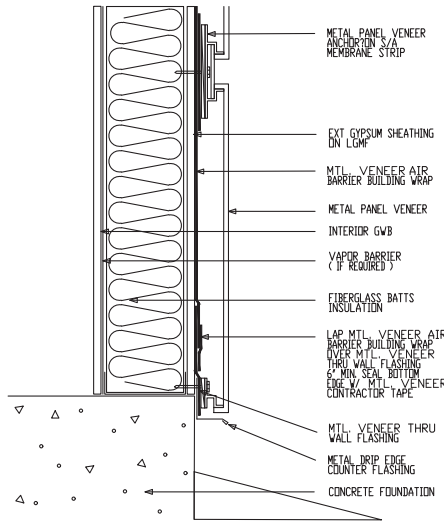
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PROJECT NO.
081-01

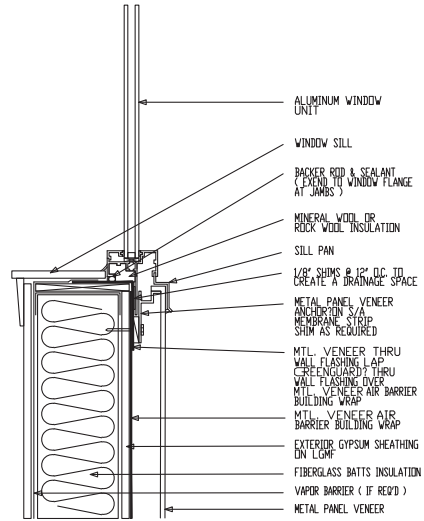
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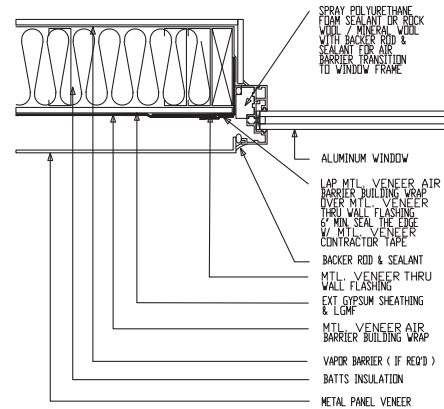
1 METAL BLDG. PANEL VENEER WALL DETAIL
A7.0 SCALE: 3" = 1'-0"



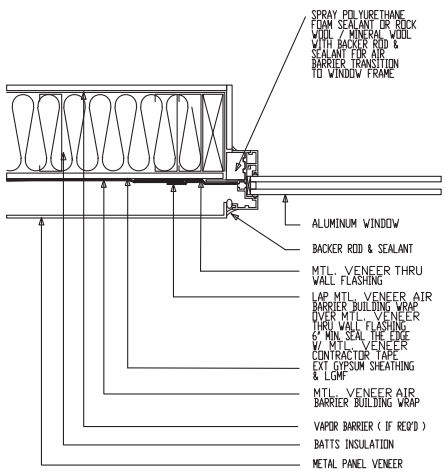
2 METAL BLDG. PANEL VENEER BASE DETAIL
A7.0 SCALE: 3" = 1'-0"



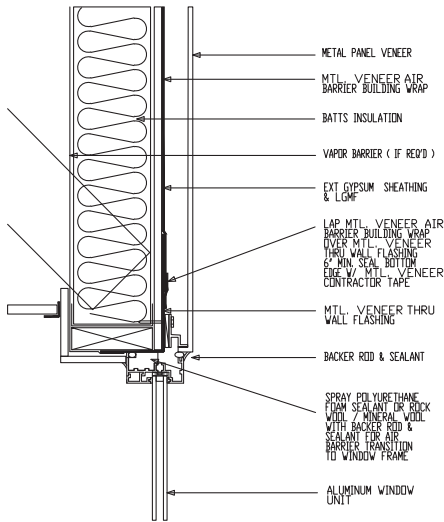
3 METAL BLDG METAL PANEL VENEER FLANGED WINDOW SILL DETAIL
A7.0 SCALE: 3" = 1'-0"



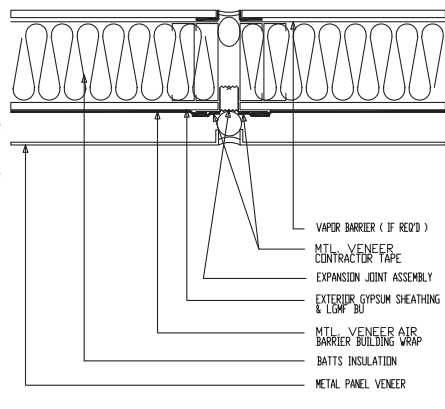
4 METAL BLDG METAL PANEL VENEER WINDOW JAMB DETAIL
A7.0 SCALE: 3" = 1'-0"



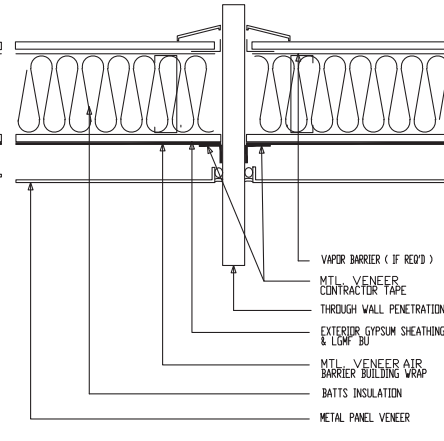
5 METAL BLDG METAL PANEL VENEER FLANGED WINDOW DETAIL
A7.0 SCALE: 3" = 1'-0"



6 METAL BLDG METAL PANEL VENEER WINDOW HEADER DETAIL
A7.0 SCALE: 3" = 1'-0"



7 METAL BLDG METAL PANEL VENEER EXPANSION JOINT DETAIL
A7.0 SCALE: 3" = 1'-0"



8 METAL BLDG METAL PANEL VENEER PENETRATION DETAIL
A7.0 SCALE: 3" = 1'-0"

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METAL BUILDING DETAILS
NEW LIFE WELLNESS CENTER
4338 ELYSIAN FIELDS AVE.
NEW ORLEANS, LA 70122

DATE	DESCRIPTION	BY

SCALE:
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PROJECT NO.
081-01

SHEET NO.
A7.0

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SPECIFICATIONS
 NEW LIFE WELLNESS CENTER
 4338 ELYSIAN FIELDS AVE.
 NEW ORLEANS, LA 70122

DATE	DESCRIPTION	BY

SCALE:
 AS NOTED

PROJECT NO.
081-01

SHEET NO.
SP-1

SECTION 01010 - SUMMARY OF THE WORK

Describe Summary of the Work:
 The work of this contract shall be as indicated on the drawings and as specified herein. The work shall be described as follows:
 Construction of a single-story convenience store building including site and landscape development work complete and ready to be equipped with furnishings by Owner.
 Contractor Use of Premises:
 General: During the entire construction period the Contractor shall have the exclusive use of the premises for construction purposes, including full use of the site.
 Owner Occupancy:
 Partial Owner Occupancy: The Owner reserves the right to place and install equipment in completed areas of the building and to occupy completed areas prior to substantial completion. Placing of equipment and partial occupancy shall not constitute acceptance of the work or any part of the work.

SECTION 01040 - PROJECT COORDINATION

Administration and Supervision:
 Coordination: Coordinate various elements of the work and interface with all agencies to perform work, and coordinate the work by separate contractors (if any) and by Owner.
 Survey / Recording:
 General: Working from established lines and levels at or near project site, established and maintain dependable markers for lines and levels of the work. Calculate dimensions and measure for layout of work, do not settle the drawings. Maintain surveyor's log of layout work. Record elevations (if any) from drawings information on existing conditions, and review with Owner a time of discovery.
 Installer Inspections: Require installer of each major unit of work to inspect subgrade and conditions for installation, and to report (in writing) unsatisfactory conditions. Correct unsatisfactory conditions before proceeding. Inspect each product immediately before installation. Do not install damaged or defective products, materials or equipment.
 Installation, General:
 Comply with manufacturer's instructions and recommendations to extent printed information is more detailed or stringent than requirements contained directly in contract documents.
 Timing: Install work during time and under conditions which will ensure best possible result, coordinate with required inspection and testing.
 Anchor work securely in place, properly located by measured line and level, organized for best possible durability, and similar benefit to Owner's use. Isolate non-compatible materials from contact, sufficiently to prevent deterioration.
 Mount individual units of work in industry-recognized mounting heights, if not otherwise indicated, refer uncertainties to Owner before proceeding.
 Cleaning and Protection:
 General: Clean each element of work at time of installation. Provide sufficient maintenance and protection during construction to ensure freedom from damage and deterioration of time of substantial completion.

SECTION 01040 - WARRANTIES

Part 1: GENERAL

- The contractor(s) warrant, from the date of substantial completion, all materials, work, accessories, and equipment that the contractor(s) installed and provided, as described in the construction documents, specifications, and construction contract for a period of 1 year unless otherwise specified for a longer period of time.
- For all items of work acceptance is delayed beyond Date of Substantial Completion, submit within ten days after acceptance, listing the date of acceptance as the beginning of the warranty period.
- For all items the contractor(s) excludes from warranty, the contractor shall declare in writing to the project manager/owner prior to construction contract execution and start of work.

Part 2: FORM OF SUBMITTALS

- Send (3) two copies in commercial quality 8 1/2" x 11 inch three-ring binders, with hardcover, cleareable, plastic covers.
- Label cover of each binder with typed or printed title WARRANTIES, with title of Project, name, address and telephone number of Contractor, and name of responsible project.
- Table of Contents: Heavily typed, in the sequence of the Table of Contents of the Project Manual, with each item identified with the number and title of the specification section in which specified, and the name of Product or work item.
- Separate each warranty or bond with index tab sheets keyed to the Table of Contents listing. Provide full information, using separate typed sheets as necessary. List subcontractor, supplier, and manufacturer, with name, address, and telephone number of responsible project.

Part 3: PREPARATION OF SUBMITTALS

- Obtain warranties and bonds, executed in duplicate by responsible subcontractors, suppliers, and manufacturers, within ten days after completion of the applicable item of work. Except for items put into use with Owner's permission, show date of beginning of time of warranty until the date of substantial completion is determined.
- Verify that documents are in proper form, contain full information, and are notarized.
- Or-construct submit with required signatures.
- Retain warranties until time specified for submittal.

Part 4: TIME OF SUBMITTALS

- For equipment or component parts of equipment put into service during construction with Owner's or owner's representative permission, submit documents within ten days after acceptance.
- Make other submittals within ten days after Date of Substantial Completion, prior to final Application for Payment.

SECTION 01045 - CUTTING AND PATCHING

General: "Cutting and Patching" includes cutting into existing construction to provide for the installation or performance of other work and subsequent fitting and patching required to restore surfaces to their original condition.
 Structural Work: Do not cut and patch structural work without written approval from structural engineer.
 Visual/Quality Limitations: Do not cut and patch work exposed to view (exterior and interior) in a manner resulting in noticeable reduction of aesthetic qualities and similar qualities, as judged by Owner.
 Materials:
 General: Use materials for cutting and patching that are identical to existing materials. Use material for cutting and patching that will result in equal or better performance characteristics.

Inspections: Before cutting, examine surfaces to be cut and patched and conditions under which the work is to be performed. If unsafe or otherwise unsatisfactory conditions are encountered, take corrective action before proceeding with the work.
 Temporary Support: To prevent failure provide temporary support to be cut.
 Protection: Protect other work during cutting and patching to prevent damage. Provide protection for adverse weather conditions for that part of the project that may be exposed during cutting and patching operations.
 Cutting: Cut the work using methods that are least likely to damage work to be retained or adjoining work.
 Patching: Patch with seams which are durable and as invisible as possible. Comply with specified tolerance for the work or any part of the work.
 Restore exposed finishes of patched areas and where necessary extend finish restoration into adjacent adjoining work in a manner which will eliminate evidence of patching and retreating.

SECTION 01300 - SUBMITTALS

Progress Schedule: Within 15 days of the date established for "commencement of the work", submit a comprehensive progress schedule indicating a time bar for each significant category of work to be performed. Advance schedule to indicate required sequencing and to show time allowances for submittals, inspections and similar time margins.
 Schedule of Values: Prepare a schedule of values to show breakdown of Contract Sum corresponding with payment request breakdown and progress schedule line items. Show dollar value and percent of total for each unit of work scheduled. Submit not less than 7 days prior to first payment request. Revise each time schedule is affected by change order or other revision.
 Payment Request: Submit a request each calendar month. Use Owner's form, fully completed and executed.
 Shop Drawings, Product Data and Samples:
 General: Coordinate submittal with the progress schedule and actual work progress. Allow 2 weeks for the Owner's review. Provide additional copies as required by the governing authorities.
 Shop Drawings: Submit one coppee blue/black line print and one correctable, reproducible transparency. The transparency will be processed and returned. After approval, print the processed transparency for the Owner's use and distribute. Resubmit disapproved submittals until approval is received.
 Product Data: Mark each copy to indicate the actual product to be provided; show selections from among options in the manufacturer's printed product data. Submit 2 copies to Owner, submit 1 for information and record purposes only.
 Samples: Submit 3 sets of samples; one set will be returned. Provide 3 or more samples in each set where variations in color, pattern or texture are observable; show average condition and extreme range of variations. Submit full documentation with each set. Maintain retained set at project site for purpose of quality control comparisons.
 Miscellaneous Submittals: Provide copies of miscellaneous submittals as follows:
 Survey Data: Submit 2 copies, except provide 10 prints of completed project survey data.
 Warranties: Submit 2 executed copies, plus additional copies as required for maintenance manual.
 Field Records: 4 copies, including one copy which will be returned for inclusion in the submittal of record documents.
 Maintenance Manuals: Submit 2 bound copies.
 Record Drawings: Submit original maintained marked up prints.

SECTION 01500 - TEMPORARY FACILITIES

Description of Requirements: Provide temporary services and facilities ready for use when first needed to avoid delay in the work. Maintain, expand and modify as work progresses. Do not remove until no longer needed, or replaced by authorized use of permanent facilities.
 Use Charges: Usage charges for temporary services or facilities are not chargeable to the Owner.
 Standards: Comply with the requirements of applicable local laws and/or codes, install and maintain temporary facilities and utilities in a safe, secure and complete condition throughout their use.
 Temporary Utility Installation: Engage the local utility company to install temporary service or to make connections to existing service. Arrange with the company and existing users for an acceptable time when service can be interrupted to make connections.
 Water Service: Install temporary potable water service and distribution piping of size and pressure adequate for construction purposes. Shimlet piping prior to use. Provide one 3/4" flexible rubber hose, 100 feet long with an adjustable nozzle at each end.
 Electric Power Service: Provide weather tight, grounded temporary electrical service-entrance and distribution system. Comply with applicable requirements of NEMA, NECA and UL standards and governing regulations. Install temporary lighting of adequate illumination levels to perform the work specified. Provide convenience power as required to perform installation and use of grounded receptacles and extension cords until building power is available.
 Sewers and Drainage: Connect temporary sewers to the municipal sewer system in the manner directed by sewer department officials. If sewers cannot be used, provide drainage ditches, dry wells, or similar facilities. If neither sewer nor drainage facilities can be used, provide temporary means for effluent removal and disposal.
 Temporary Heat: Provide temporary heat where needed for performance of work, for heating or drying of materials, for protection of work in place from adverse effects of low temperature or high humidity. Provide UL or FM listed and labeled heating units designed for safe and efficient outdoor use with a pilot or gas burners. Coordinate with ventilation requirements to produce the ambient condition and minimize fuel or energy consumption.
 Sanitary Facilities: Sanitary facilities include temporary toilets, wash facilities and hand-washing water fixtures. Comply with governing regulations. Provide adequate health codes for the type, number, location, operation and maintenance of fixtures and facilities. Locate so that no one will need to walk more than 2 stories vertically or 200 feet horizontally to reach these facilities.
 First Aid Supplies: Comply with governing regulations and recognized recognized recommendations with the construction industry.
 Temporary Enclosures: Provide temporary enclosures of materials, equipment, work in progress and completed portions of the work to provide protection from exposure, foul weather, other construction operations, and similar activities. Provide enclosures whether temporary need to be installed and the permanent building enclosure is not completed and there is no other provision for containment of heat. Coordinate with ventilation and material drying or curing requirements to avoid dangerous conditions.

SECTION 02060 - BUILDING DEMOLITION
 Extent of building demolition work is shown on drawings.
 Demolition includes complete wrecking of structures and removal and disposal of demolished materials.
 Condition of Structures: Owner assumes no responsibility for actual condition of structures to be demolished.
 Traffic: Do not close or obstruct streets, walks, or other occupied or used facilities without permission from authorities having jurisdiction.
 Damage: Properly remove materials causing to adjacent facilities by demolition operations at no cost to Owner.
 Utility Services: Disconnect and seal utilities serving structures to be demolished, prior to start of demolition work.
 Building Demolition: Demolish building completely and remove from site. Use such methods as required to complete work within limitations of governing regulations.
 Bulk-Graze Construction: Demolish and remove below-grade construction and concrete slabs on grade.
 Filling Operations and Voids: Completely fill below-grade areas and voids resulting from demolition of structures.
 Use satisfactory soil materials consisting of stone, gravel and sand, free from debris, trash, frozen material, roots and other organic matter.
 Prior to placement of fill materials, ensure that areas to be filled are free of standing water, frost, frozen materials, trash and debris.
 Place fill materials in horizontal layers not exceeding 8" in loose depth. Compact each layer of optimum moisture content of fill material to a density equal to original adjacent ground, unless otherwise specified for new work as required.
 After fill placement and compaction, grade surface to meet adjacent contours and to provide flow to surface drainage structures.
 Dispose: Remove from site all debris, rubbish, and other materials resulting from demolition operations.
 Burning of removed materials from demolished structures will not be permitted on site.

SECTION 02100 - PROJECT CLOSE-OUT
 Description of Requirements: Provisions of this section apply to the procedural requirements for the actual close-out of the work, not to administrative matters such as final payment or the change order of insurance. Close-out requirements of the work also apply to the temporary services and facilities of completed work as well as the total work.
 Specific Requirements Contained in other sections have precedence over the general requirements contained in this section.
 Procedure of Substantial Completion:
 Prerequisite: Comply with the General Conditions and complete the following before requesting inspection of the work, or a designated portion of the work, for certification of substantial completion.
 Submit executed warranties, workmanship bonds, maintenance agreements, inspection certificates and other required documentation for specific units of work, ending Owner's unrestricted occupancy and use.
 Submit record documentation, maintenance manuals, tools, spare parts, keys and similar operational items.
 Complete instruction of Owner's operating personnel, and start-up of systems.
 Complete final cleaning, and remove temporary facilities and tools.
 Inspection Procedures: Upon receipt of Contractor's request, Owner will either proceed with inspection or advise contractor of prerequisites not fulfilled. Following initial inspection, Owner will either prepare certificate of substantial completion, or advise Contractor of substantial completion. The Owner will request the inspection when prepared and assure that the work has been substantially completed. Results of the completed inspection will form the initial Punch list for final acceptance.
 Procedures of Final Acceptance: The Owner will re-inspect the work upon receipt of the Contractor's notice that, except for those items whose completion has been delayed due to circumstances that are acceptable to the Owner, the work has been complete, including punch-list items upon earlier inspection. Upon completion of re-inspection, the Owner will either grant final acceptance and final payment, or will advise the Contractor of work not completed or obligations not fulfilled as required for final acceptance. If necessary, this procedure will be repeated. If required to be re-inspected more than one time, the Owner may deduct the cost of re-inspection from final payment.
 Record Documentation:
 Record Drawings: Maintain a complete set of either blue or black line prints of the contract drawings and shop drawings for record mark-up purposes throughout the Contract Time. Mark-up these drawings during the course of the work to show both changes and the actual installation, in sufficient detail to form a complete record for the Owner's purposes. Give particular attention to work which will be concealed and difficult to measure and record at a later date, and work which may require servicing or replacement during the life of the project. Require the entities marking prints to sign and date each mark-up. Bind prints into managable sets, with durable paper covers, appropriately labeled.
 Maintenance Manuals: Provide 3-ring vinyl-covered binders containing required maintenance manuals, properly identified and indexed. Include operation and maintenance instructions related to cover emergencies, spare parts, warranties, inspection procedures, diagrams, safety, security and similar applicable data for each system or equipment item.
 General Close-Out Requirements:
 Operation Instructions: Require each installer of systems requiring continued operation and maintenance by Owner's operation personnel, to provide operation instruction to Owner's personnel, sufficient to ensure safe, secure, efficient, non-hazardous utilization and operation of systems. Provide instructions for the following categories of work:
 Mechanic/electric/electronic system (not limited to work of Divisions 15 and 16).
 Live plant materials and laws.
 Roofing, finishing, joint and seams.
 Floor finishes.
 Final Cleaning: At the time of project close out, clean or re-clean the work to the condition specified from a normal, commercial building cleaning and maintenance program. Complete the following cleaning operations before requesting the Owner's inspection for certification of substantial completion.
 Remove non-permanent protection and labels.
 Patch galls.
 Clean exposed finishes.
 Touch-up minor finish damage.
 Clean or replace mechanical systems filters.
 Remove debris.
 Brush clean unoccupied spaces.
 Sanitize plumbing and food service facilities.
 Clean light fixtures and replace burned-out lamps.
 Sweep and wash paved areas.
 Poistc joints and grounds.

END OF SECTION 01700

END OF SECTION 02200

SECTION 0202 – TERMITE CONTROL

Product Data: Submit manufacturer's technical data and application instructions.
Quality Assurance: In addition to requirements of the specifications, comply with manufacturer's instructions...
Warranty: Signed by applicator and contractor, certifying that applied soil termiticide treatment will prevent infestation of subterranean termites for 5 years from date of completion...

Post signs in area of application warning workers that soil termiticide treatment has been applied. Remove signs when areas are covered by other construction.

END OF SECTION 0202

SECTION 0240 – LANDSCAPE WORK

General Landscape Requirements:
Submit planting schedule showing coordination of normal planting times with construction schedule for other (related) work.
Layout areas of planting and location of each major plant, for review by Owner prior to start of planting.
Plant Size and Quality: Provide quality plants with good shape for species and healthy conditions.

Planting Shrubs:
Escalade pits or trench to 1-1/2 times diameter of balls or containers, or 1'-0" wider than spread of roots, and 3" deeper than required for positioning of proper height.
Planting Ground Cover:
Till soil to depth of 4" in areas where topsoil has been stripped.
Loosen subgrade to depth of 1" in areas where topsoil has been stripped, and spread topsoil to 4", except as otherwise indicated.

SECTION 0250 – PORTLAND CEMENT CONCRETE PAVING

Extent of Portland cement paving is shown on drawings, including curbs, gutters, walks, and joints.
Prepare subbase as specified in Section 02020, "Earthwork".
Concrete and related materials are specified in Section 03300, "Concrete".
Forms: Steel, wood, or other suitable material of size and strength to resist movement during concrete placement and to retain horizontal and vertical alignment until removal.

Surface Preparation: Remove loose material from compact subbase surface immediately before placing concrete.
Form Construction: Set forms to required grades and lines rigidly braced and secured.
Joint Construction: Construct expansion, contraction, and construction joints in accordance with manufacturer's written instructions.

SECTION 0250 – PORTLAND CEMENT CONCRETE PAVING
PROJECT CONDITIONS: DO NOT APPLY PAINT WHEN RAIN OR EXCESS HUMIDITY ARE PRESENT, AMBIENT OR PAVEMENT TEMPERATURE IS BELOW 40 DEGREES F, NOR WHEN CONDITIONS ARE ANTICIPATED WITHIN EIGHT HOURS AFTER APPLICATION.
MATERIALS:
1. STRIPPING PAINT: NON-BLEEDING PIGMENTED COPOLYMER LATEX EMULSION.
2. COLORS:
A. FOR FIRE LINES AND HANDICAPPED PARKING DESIGNATIONS: AS REQUIRED BY GOVERNING AUTHORITY.

SECTION 0266 – POTABLE WATER SYSTEM

Plumbing Code Compliance: Comply with applicable portion of Uniform Plumbing Code or applicable local code with selection on installation of potable water system materials and products.
Water Utility Compliance: Comply with requirements of Water Utility supplying water.
Pipes and Pipe Fittings: Provide pipes of one of the following materials, of weight/class indicated.
Ductile-Iron Pipe: Cement lined and steel coated pipe fittings, 150 psi rated minimum with push-on or mechanical gasketed joints.

SECTION 0271 – FOUNDATION DRAINAGE
Extent of foundation drainage system work is shown on drawings.
Drainage Pipe and Fittings:
Furnish drainage pipe complete with bends, reducers, adapters, couplings colors and joint materials.
Perforated Polyvinyl Chloride (PVC) Pipe: ASTM D2729.
Impervious Fill of Footings: Stable, low modulus clay or similar soil material.

SECTION 0270 – SANITARY SEWAGE SYSTEMS

Plumbing Code Compliance: Comply with applicable portions of National Standard Plumbing Code or applicable local codes, pertaining to selection and installation of sanitary sewage system materials and products.
Separation between main and sanitary sewer system lines shall be provided under slab.
Pipes and Pipe Fittings: Provide pipes of one of the following materials, of weight/class indicated.
Cast-Iron Soil Pipe: ASTM A74, hub and spigot ends, service weight unless otherwise indicated.

SECTION 0280 – UNDERGROUND IRRIGATION SYSTEM
Extent of underground irrigation system is shown on drawings.
Product Data: Submit manufacturer's technical data and installation instructions.
Available Manufacturers: Subject to compliance with requirements, manufacturers offering products which may be incorporated in the work indicated, but not limited to the following:
Circuit Pipe (downstream from circuit valves): PVC plastic pipe, ASTM D1785, Schedule 40.
Pipe Fittings: PVC plastic pipe, ASTM D2668 socket fittings with ASTM D2564 solvent cement.

DRAWN BY: DP

CHECKED BY: DP



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SPECIFICATIONS

Table with 2 columns: DESCRIPTION, DATE

Table with 2 columns: DATE, DESCRIPTION

SCALE: AS NOTED

PROJECT NO. 081-01

SHEET NO. SP-2

Locations of Heads: Design location is approximate. Make minor adjustments as necessary to avoid plantings and other obstructions.

Minimum Water Coverage:

Turf areas, 95%.
Other planting areas, 85%.

Layup may be modified, if necessary to obtain coverage, to suit manufacturer's standard heads. Do not decrease number of heads indicated unless otherwise acceptable to Owner.

Trenching and Backfilling:

General: Excavate straight and true with bottom uniformly sloped to low points.

Trench Depth: Excavate trenches to a depth of 3" below invert of pipe, unless otherwise indicated.

Min. Cover: Provide following min. cover over top of installed piping.

Steel piping, 12"

PVC piping, 20"

Backfill: Backfill with clean material form excavation. Remove organic material as well as rocks and debris to larger than 1" diameter. Place acceptable backfill material in 6" lifts, compacting each lift.

Backfill trench to within 6" of finished grade. Continue fill with acceptable topsoil and compact to bring soil even with existing lawn.

Replant sod within 7 days after removal, roll and water generously.

Installation:
General: Unless otherwise indicated, comply with requirements of Uniform Plumbing Code or applicable local codes.

Connection to Main: Connect to existing building piping in locations indicated.

Maintain uninterrupted water service to building during normal working hours. Arrange for temporary water shut-off with Owner.

Backflow Prevention: Provide union on downstream side. Install min. 6" above highest ground level sprinkler head.

Circuit Valves: Install in valve box, arranged for easy adjustment and removal.

Provide union on downstream side.

Piping: Lay pipe on solid subbase, uniformly sloped without humps of depression.

For circuit piping, slope to drain valve at least 1/2" in 10' of run.

All wall penetrations, pass the opening around pipe with non-shrink grout. At exterior face, leave a perimeter slot approximately 1/2" wide by 1/4" deep. Fill this slot with backer rod and an acceptable elastomeric sealant. Repair below grade waterproofing disturbed by this work and make penetration watertight. (Remainder - This may not be adequate for expansive soil).

Sprinkler Heads: Flush circuit lines with full head of water and install heads after hydrostatic test is completed.

Install lawn heads at manufacturer's recommended heights.

Install shrubby heads at heights indicated.

Locate post-cure heads to maintain a minimum distance of 4" from walls and 2" from other boxwaters, unless otherwise indicated.

Hydrostatic Test: Test water piping and valves, before backfilling trenches, to a hydrostatic pressure of not less than 100 psi. Piping may be tested in section to expedite work. Remove and repair piping, connections, valves which do not pass hydrostatic testing.

Operational Testing: Perform operational testing after hydrostatic testing is completed backfill is in place, and sprinkler heads adjusted to final position.

END OF SECTION 02810

SECTION 02845 - FINISH BUMPERS

PRODUCTS:
MANUFACTURED UNITS:
FINISH BUMPERS: PRECAST CONCRETE, 6 FEET LONG BY 6 INCHES HIGH, ROUNDED TOP.

EXECUTION:
LOCATE WHERE INDICATED. SECURE TO PAVING WITH TWO 12 INCH BY 5/8 INCH DIAMETER STEEL DOWELS.

END OF SECTION 02845

SECTION 03100 - CONCRETE

Codes and Standards: ACI 318, Building Code Requirements for Reinforced Concrete. Comply with applicable provisions except as otherwise indicated, CRSI Manual of Standard Practices.

Owner will employ a separate testing laboratory to evaluate concrete delivered to and placed on site.

Mix Proportions and Design: Proportion mixes complying with mix design procedures specified in ACI 301.1. Mixes shall minimum 3,000 psi compressive strength at the end of 28 days unless noted otherwise.

Use air-entraining admixture in all concrete, providing not less than 4% air more than 8% entrained air for concrete exposed to freezing and thawing, and from 2% to 4% for other concrete.

Concrete Materials:
Portland Cement: ASTM C150, type as required.

Fly Ash: ASTM C618, Type C or F.

Limit use of fly ash in concrete mix design to not exceed 25% of cement content by weight.

Aggregates: ASTM C33, except local aggregates of proven durability may be used when acceptable to Architect. Maximum large aggregate, 1-1/2" diameter.

Water: Drinkable.

Air-Entraining Admixture: ASTM C260.

Rebarbed Materials:
Waterstops: Flat dumbbell or enter bulb type, size to suit joints, or either rubber (CRD C513) or PVC (CRD C572).

Moisture Barrier: Clear 8-mil thick polyethylene, polyethylene-coated barriers paper; 1/8" thick asphalt core membrane sheet.

Membrane-Forming Curing Compound: ASTM C309, Type I, Class B, clear, water-borne.

Form Materials: Provide form materials with sufficient stability to withstand pressure of concrete without bow or deflection.

Reinforcing Materials:
Deformed Reinforcing Bars: ASTM A615, Grade 60, unless otherwise indicated.

Welded Wire Fabric: ASTM A185. (Flat sheets only).

Ready-Mix Concrete: ASTM C94, transit mix concrete.

Reinforcement: Position, support and secure reinforcement against displacement. Locate and support with metal chairs, runners, bolsters, spacers and hangers, as required. Set wire ties so ends are directed into concrete, not toward exposed concrete surfaces.

Protect concrete from physical damage or reduced strength due to weather extremes during mixing, placement and curing.

In cold weather comply with ACI 306. Maintain temperature above freezing for minimum of 7 days after placement.

In hot weather comply with ACI 305. Shield from wind and excessive drying.

Concrete Finishes:
Remove fins and projections, patch defective areas with cement grout and rub smooth.

Slab Trowel Finish: Apply trowel finish to monolithic slab surfaces. Consolidate concrete surfaces by finish troweling, free of trowel marks, uniform in texture and appearance.

Curing: Keep continuously moist for not less than 72 hours. Continue curing by use of membrane-forming curing compound.

END OF SECTION 03100

SECTION 04200 - UNIT MASONRY

Heavy Unit Standard Units: ASTM C-129-94 Joint F, nominal weight, B x 16 inch face size, thickness as indicated.

Decorative Units: Soft faced units with nominal face dimensions of 8" x 16". Color: See Elevation Plan A/4 for Types and Colors A/4 for type and color.

Water Resistant Mortar: ASTM C-270, Proportion Specification, for types of mortar required, unless otherwise indicated.

Use Type S Mortar. Mix with water repellent admixture for exterior walls.

Mortar Coloring: Match color of block as closely as possible.

Reinforcing Bars, Deformed steel: ASTM A615, Grade 60, in accordance with Division 5, Concrete.

Joint Reinforcement: Provide welded-wire units, spaced at 16" o.c. vertically for exterior bond, 8" o.c. vertically for interior bond, prefabricated with deformed continuous side rods and plain cross rods into straight lengths of not less than 10'. With prefabricated corner and tee units, and complying with requirements indicated below.

Water-Resistant Joint Reinforcement in units with width of approximately 2" less than nominal width of walls and partitions as required to provide mortar coverage of not less than 5/8" on joint faces exposed to exterior and 1/2" elsewhere.

Wire Size for Side Rods: 3/16 inch.

Wire Size for Cross Rods: 0.1437" diameter.

For single-wythe masonry provide type as follows with single part of side rods:

Anchor Bolts: Provide steel bolts with hex nuts and flat washers complying with ASTM A307. Grout all bolt dips adjacent to comply with ASTM C 153, Class C, in sizes and configuration indicated.

Grout for Unit Masonry: Comply with ASTM C 476 for grout for use in construction of reinforced and non-reinforced unit masonry. Use grout of consistency indicated, or if not otherwise indicated, of consistency (fine or coarse) at time of placement which will completely fill all spaces intended to receive grout.

Design mix to provide normal weight concrete with the following properties:

3,000 psi, 28 day compression strength using #8 aggregate with slump of 8" plus or minus 1 inch.

LOW-LIFT GROUTING:
Provide minimum clear dimension of 2" and clear area of 8 sq. in. in vertical cores to be grouted.

Place vertical reinforcement prior to laying of CMU. Extend above elevation of maximum pour height as required for splicing. Support in position at vertical intervals not exceeding 100 in. diameters nor 10 ft.

Lay CMU to maximum pour height. Do not exceed 4' height, or if bond beams occur below 5' height, stop pour at course below bond beam.

Four grout using chute or container with spout. Vibrate grout during placing per ACI 310 (do not roll). Place grout continuously; do not interrupt pouring of grout for more than one hour. Terminate grout pours 1-1/2" below top course of pour.

Bond Beams: Stop grout in vertical cores 1-1/2" below bond beam course. Place horizontal reinforcement in bond beams; lap at corners and intersections as shown. Place grout in bond beam course before filling vertical cores above bond beam.

HIGH-LIFT GROUTING:
All filled cell masonry shall be built to preserve the unobstructed vertical continuity of cells to be filled with grout.

Units shall be laid with full face shall mortar beds. All joint heads shall be continuously filled with mortar for a distance from the face of the wall or unit not less than the thickness of the longitudinal face shells. Cross walls adjacent to vertical cores to be filled shall be fully bedded with mortar to prevent leakage of grout.

Bond of masonry units shall be provided by laying units in alternate courses.

A clear-cut opening not less than 3 x 4 inches in size is to be located at the bottom of every core in hollow-unit reinforced masonry containing dowels or vertical reinforcement, and is to be at least every other core that is grouted but has no vertical bars.

All mortar fins or other obstructions or debris shall be removed from the inside of the walls of the cells to be filled with grout. All cells to be filled shall be filled solidly with grout.

Grout shall be poured or pumped in lifts of 8 ft. maximum height, and shall be consolidated at time of pouring by rodding or vibrating, followed by reconsolidation later, before plasticity is lost. When total grout pour is to exceed 8 ft. high, it shall be in 4 ft. lifts.

When grouting is stopped for 1 hour or longer between lifts, horizontal construction joints shall be formed by stopping the pour 1-1/2" below the top of the grouted unit.

EXCEPTION:
Mechanically: Carry up masonry wall level and plumb all around. Handle units with care to avoid chipping, cracking and spalling of faces and edges. Use masonry trowel to make the necessary cuts in exposed work. In laying masonry, avoid over-plumbing and pounding of the concrete and joints in fit stretcher units, unless they are set in position. Where an adjustment must be made after the mortar has started to harden, remove the mortar and replace with fresh mortar.

Tolerances: Vertical- Within 1/8" in 5'.
Horizontal- Within 1/4" in length of wall.

Cleaning: During construction, take care continuously to keep exposed surfaces clean of mortar and other stains. At the completion of work, point all holes in exposed masonry, cutting out and luff pointing defective joints with mortar.

Work: Use cleaners recommended by the manufacturer and the cleaning manufacturers after each area has been satisfactorily cleaned thoroughly rinsing with clean water.

END OF SECTION 04200

SECTION 05500 - METAL FABRICATIONS

General:
Submit: In addition to product data, submit the following:

Shop drawings showing details of fabrication, assembly and installation including templates for anchor bolt placement.

Materials of materials and finished products as may be requested by Owner.

Masonry/Fabrication:
General: For work exposed to view use materials selected for their smoothness and freedom from surface blemishes.

Steel Plates, Shapes and Bars: ASTM A36.

Steel Bar Grating: ASTM A456 or A36.

Steel Tubing: ASTM A500 or ASTM A501.

Structural Steel Sheet: ASTM A570 or ASTM A611, Grade 1, of grade required for design.

Grey-Iron Castings: ASTM A48, Class 30.

Malleable-Iron Castings: ASTM A47.

Concrete Inserts: Threaded or wedge type, galvanized ferrous castings, either galvanized with steel bolts, washers and shims, hot-dip galvanized.

Metallic Non-Shrink Grout: CE CRD-021, non-shrinking, non-corrosive, non-gaseous, recommended by mfg. for types of application indicated.

Non-Shrink Non-Metallic Grout: CE CRD-021, non-shrinking, non-corrosive, non-gaseous, recommended by mfg. for types of application indicated.

Fasteners: Provide bolts, nuts, lag bolts, machine screws, wood screws, toggle bolts, masonry anchorage devices, lock washers as required for application indicated and complying with applicable Federal standards. Hot-dip galvanized fasteners for exterior applications to comply with ASTM A153.

Shop Priming: Apply shop primer to surfaces of metal for fabrications except those embedded in concrete or galvanized, comply with SSPC-P1 and requirements indicated below.

Surface Preparation: Comply with SSPC SP6 "Commercial Blast Cleaning" for exterior work, and with SSPC-SP3 "Power Tool Cleaning" for interior work.

Shop Priming: Fabricator's standard, fast-curing, lead-free, "Xambond H.S." primer complying with performance requirements of II-P-664.

Galvanizing: Hot-dipped galvanized, CRD, ASTM A336 for assembled products, ASTM A123 for rolled, pressed and forged steel shapes, plates, bars and strip 1/8" and thicker, galvanizing repair paint, M-55-C1020 or SSPC paint-20.

Fabrication: General: Use materials of size and thickness shown, or if not shown, or required size, grade and thickness to produce strength and durability in finished product.

Weld corners and seams continuously grind exposed welds smooth and flush.

Form exposed connections with hardware, flush joints, use concealed fasteners where possible.

Rough Hardware: Furnish custom-fabricated bolts, plates, anchors, hangers, dowels and other miscellaneous steel and iron shapes for framing and supporting and anchoring woodwork.

Loose Bearing Plates: Provide for steel items bearing on masonry or concrete, as indicated. Drill plates to receive anchor bolts.

Loose Steel Inserts: Fabricate to sizes indicated. Size for minimum 8" bearing each side of opening.

Miscellaneous Framing and Supports: Provide as required to complete work and not included with structural framework. Fabricate of welded construction in as large units as possible drill and tap as required to receive hardware and similar items. Include required anchors for building into other structural members where necessary for installation to other work.

Installation: Perform cutting, drilling and fitting required for installation, and work accurately in location, alignment and elevation, measured from established lines and levels. Provide anchorage devices and fasteners where necessary for installation to other work.

Set loose items on cleaned bearing surfaces, using wedges or other adjustments as required. Solidly pack open spaces with bedding mortar, use commercial non-shrink grout material.

Touch-up shop paint after installation. Clean field welds, bolted connections and abraded areas, and apply same type paint as used in shop.

END OF SECTION 05500

SECTION 06100 - ROUGH CARPENTRY

20 and applicable grading rules of inspection agencies certified by AISC's Board of Review.

Provide seasoned lumber with 19% moisture content at time of dressing and alignment, for sizes 2" or less thickness.

Dimension Lumber: Provide lumber of the following product classification in grade and species indicated.

Light Framing: Construction grade, 2" thick - 4" wide.

(a) Southern Pine Graded under SPB rules.
(b) Western Spruce-Pine-Fir graded under NLGA rules.

Structural Framing:
Slats: #200, 2" thick - 6" wide SYP.
Ledgers: #100, 2" (top) to 10" wide SYP.
Headers: #100, 2" (back) to 12" wide SYP.

Graded under SPB rules.

Concealed Boards: Standard grade, any species graded under NWFA rules or No. 2 grade Southern Pine graded under SPB rules.

Lumber for Miscellaneous Uses: Unless otherwise indicated, provide Standard grade lumber for support of other work, including cut strips, bucks, nailers, blocking, bracing, grounds, stripping and similar members.

Construction Panels: For types of concealed applications indicated, provide wood panel products complying with PS 1 where applicable, and with APA Performance Standard and Policies for Structural Use Panels (form L445) for requirements indicated.

For following types of applications, where exposure duration classification of span rating is not given, provide EXPOSURE 1 and rating required to suit specified staining indicated.

Roof Sheathing: APA Rated Sheathing, 5/8" minimum thickness.

Pyroxyd Blocking for Electrical and Telephone Equipment: APA C-D FLUGGED INT with exterior glue, fire-retardant treated, 1/2" thick except as otherwise indicated.

Gypsum Sheathing: ASTM C79, Grade W; Water-resistant treated core, 1/2" thick 2 1/2" V-T&G long edges.

Fasteners and Accessories: Of size, type, material and finish suited to application shown and complying with applicable standards including FS FF-N-105 and FF-W-82 and AISI B18.1.1. Provide metal hangers and framing anchors of size and type recommended for intended use by manufacturer. Hot-dip galvanized fasteners and anchors for work exposed to weather in ground contact and high relative humidity to comply with ASTM A53.

Air Infiltration Barrier: Vapor permeable, water resistant fabric composed of polyethylene fibers, 5 mil thick, Tyvek, Textile Fibers Dept., Dupont Co.

Pressure-treat lumber and plywood with water-borne preservatives to comply with NWFA C2 and C3, respectively, and with requirements indicated below.

Wood for Ground Contact Use: MWPS LP-22.

Treat cuts, nailers, blocking, stripping and similar items in conjunction with roofing, flashing, vapor barriers and water proofing.

Treat sills, sleepers, blocking, framing, stripping and similar items in direct contact with masonry or concrete.

Install rough carpentry work to comply with "Manual of House Framing" by National Forest Products Assoc. (NLFA) and with recommendations of American Plywood Assoc. (APA), unless otherwise indicated. For sheathing, underlayment and other products not covered in above standards, comply with recommendations of manufacturer of product intended for use intended. Set carpentry work to required levels and lines, with members plumb and true and out to fit.

Securely attach carpentry work to substrates and supporting members using fasteners of size then will not penetrate members where spallable side will be exposed to view or receive finish material. Install fasteners without splitting wood; fasten panel products to allow for expansion of joints unless otherwise indicated.

Fasten structural wood panel products with staples or nail to framing.

Air Infiltration Barrier: Cover wall sheathing with air infiltration barrier in compliance with manufacturer's printed directions.

END OF SECTION 06100

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DATE	DESCRIPTION	BY

SCALE:
AS NOTED

PROJECT NO.
081-01

SHEET NO.
SP-3

SECTION 0800 – GLASS AND GLAZING

GENERAL:

Glazing Standard: Comply with FGM "Glazing Manual" and "Sealant Manual".
Safety Glazing Standard: Comply with ANSI Z97.1 and testing requirements of 16 CFR part 1201 for category 11 materials.
Size: Fabricate glass of thickness indicated and to sized required for glazing openings indicated, with edge clearance and tolerances complying with recommendation of glass mfg.
Primary Glass Products:

Clear Float Glass: ASTM C1036, Type 1, Class 1, Quality 3.
Heat Treated Glass Products:
Clear Heat Treated Float Glass: ASTM C1408, Condition A, Type 1, Class 1, Quality 3.
Reflective, One Way Transparent Mirror Glass Products:

Laminated transparent mirror on 1/4" grey tint with clear reflective PVB interlayer and 1/4" clear float glass.
Glazing Sealant: Comply with sealant and glass manufacturers for selection of glass sections which suit project application and installation conditions and which are compatible with surfaces contacted. Provide color of exposed sealants indicated or as selected by Architect or Owner.

Sealant (Glazing Sealant): FS IT-S-001543, Class A, non-sag; ASTM C920, Type S, Grade NS, Class C5, use 0 and, as applicable.
Glazings, Primers and Sealers: Type recommended by manufacturer of sealants/gaskets.
Blocks and Spacers: Neopren, EPDM or silicone as required for compatibility with glazing sealants, or gaskets, and to minimize breakage.

Compressible Filler Fibers: Closed-cell or waterproof-jacketed rod stock of synthetic rubber or plastic foam, 3-10 psi compression strength for 25% compression.
Glass Installation (Glazing):
Maintenance: Comply with reference FGM standards and instructions of manufacturers of glass, glazing sealants, and gaskets, to achieve original and water tight performance, and to minimize breakage.

Protect glass from edge damage during handling and installation. Inspect glass during installation and discard pieces with edge damage that could affect glass performance.
Set units of glass in each series with uniformity of pattern, draw, bow and similar characteristics.
Protect glass from contact with contamination substances resulting from construction operations, remove any such substances by method of approval by glass manufacturer.

Wash glass on both faces not more than 4 days prior to date scheduled for inspections intended to establish date of substantial completion. Wash glass by method recommended by glass manufacturer.

END OF SECTION 0800

SECTION 0920 – OPERATIONAL MIRROR
Operum Board Standard: ASTM D340
Typical Material:
Exposed Operum Board: ASTM C36
 Provide Type X where indicated and where required in fire resistance rated assemblies.
Long Edges: Standard taper.
Installation: As shown otherwise indicated.
Trim Accessories: Provide mfr.'s standard metal trim accessories, of the board type with face flanges for concealed or joint compound except where semi finished or exposed type is indicated. Provide corner beads, L-type edge trim beads, U-type trim beads, special L-clip-type edge trim beads, and one piece control beads.
Operum Board Fasteners: Type recommended by operum board mfr., except otherwise indicated.
Joint Tape: ASTM C475, paper reinforcing tape.

Joint Compound: ASTM C475, of the type indicated.
Provide vinyl-type powder or non-sag vinyl type for interior work.
Drywall Installation and Finishing:
Install operum boards in lengths and directions which will minimize number of end joints, and avoid end joints in central area of ceiling. Install walls and partitions with exposed operum boards vertical, with joints offset on opposite sides of partitions.
Overlaid install boards with edges perpendicular to supports, with end joints staggered over supports, except where recommended in a different arrangement by mfr.
Isolate drywall work from abutting structural and masonry work, provide edge trim and acoustical sealant as recommended by mfr.
Screw operum board to wood and or metal stud supports.
Joint Finishing: Except as otherwise indicated, apply joint tape and joint compound at joints (both directions) between operum boards and partitions at accessory flanges, penetrations, fasteners heads and surface defects.
Initial compound in 3 coats (plus prefill of cracks where recommended by mfr.)
Sand after last 2 coats.

END OF SECTION 0920
SECTION 0930 – TILE

TILE
REFERENCES:
A. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI):
 A.1 A108.4, A108.5, A118.4, A 118.6, A136.1, A137.1
SUBMITTALS:
PER SPECIFICATION REQUIREMENTS IN PREVIOUS SECTION.
DELIVERY, STORAGE AND HANDLING:
A. DELIVER MORTAR AND ADHESIVE CONTAINERS BEARING HALLMARK CERTIFYING COMPLIANCE WITH REFERENCE STANDARDS.
B. PROTECT ADHESIVE CONTAINERS FROM FREEZING AND OVERHEATING ACCORDING TO MANUFACTURER'S DIRECTIONS.
PRODUCT CONDITIONS:
A. MAINTAIN MINIMUM AMBIENT TEMPERATURE OF 50 DEGREES F DURING AND AFTER INSTALLATION.
MAINTENANCE:
EXTRA STOCK: PROVIDE MINIMUM 2 PERCENT EXTRA TILE IN EACH SIZE AND TYPE INSTALLED, IN CLEAN, MARKED CARTONS.
MATERIALS:
TILE: COLOR, SIZE, AND FINISH AS INDICATED ON DRAWINGS.
TRIM UNITS: PROVIDE BEADS, COVES, AND SURFACE BULLNOSES AS REQUIRED, COLOR TO MATCH TILE.
ACCESSORIES:
A. SETTING MATERIALS:
 1. LATEX-PORTLAND CEMENT MORTAR: ANSI A118.4
 2. ORGANIC ADHESIVE: ANSI A136.1, TYPE AS APPLICABLE TO USE, THIN SET
BOND TYPE:
 3. WATER: CLEAN, POTABLE.
B. GROUT:
 1. ANSI A118.6, CEMENTITIOUS TYPE WITH LATEX ADDITIVE.
 2. COLOR: AS SPECIFIED ON DRAWINGS AND/OR FROM STANDARD MANUFACTURER'S FULL COLOR RANGE.
EXECUTION:
PREPARATION:
A. ALLOWABLE SUBSTRATE TOLERANCES:
 1. MAXIMUM VARIATION IN SUBSTRATE SURFACES: 1/8 INCH IN 8 FEET.
 2. MAXIMUM HEIGHT OF ABRUPT IRREGULARITIES: 1/32 INCH.
B. CONDITIONS OF SURFACES: CLEAN, DRY, SOUND AND FREE OF OILY AND WAXY FILMS.
INSTALLATION:
WALLS: ANSI A108.4, THIN SET WITH ORGANIC ADHESIVE.
FLOORS: ANSI A108.5, THIN SET WITH LATEX-PORTLAND CEMENT MORTAR.
LAY TILE TO PATTERN FURNISHED BY ARCHITECT.
INSTALL PER INDUSTRY STANDARDS.
ADJUSTING:
REMOVE AND REPLACE PIECES WHICH ARE DAMAGED DURING INSTALLATION.
PROTECTION:
PROVIDE PROTECTION FOR COMPLETED WORK, USING NON-STAINING SHEET OVERLAPPING JOINTS.
RESTRICT TRAFFIC ON TILE FLOORS FOR MINIMUM THREE DAYS AFTER INSTALLATION, MINIMUM.
Acoustical Ceiling Unit Standard: ASTM E1264.
END OF SECTION 0930
Suspension System: ASTM D835 for materials; ASTM D836 for installation.
Surface Burning Characteristics: Flame spread, 25 or less, smoke developed 50 or less, per ASTM E84. UL listed and marked.
Acoustical Panels: Armstrong std. fibreglass unperforated ceiling panel, Shasta #207 2'x4'x5/8", square edge, white.
Alumide Panels: As Required: Armstrong No. 870, vinyl-coated non-perforated fiber board, 2'x4'x5/8", square edge.
Suspension System: As required to support acoustical units, fixtures and other components as indicated, including anchors, hangers, runners, cross runners, spacers, clips, moldings, fasteners and other members, devices and accessories. Comply with requirements of ASTM D835.
Type: Exposed Direct-Hung Steel Suspension System for white tiles.
Exposed Runner Type: Double Web.
Structural Class: Intermediate Duty System.
Finish: Painted color to match acoustical panels.
Edge Moldings: Metal channel type with single flange exposed.
Finish: To match exposed suspension member finish.
Hanger Wire: Not less than 12-gauge (0.16") galvanized steel.
Installation:
Layout: As indicated balance ceiling boards on opposite sides, using more-than-half with acoustical units.
Tolerance: 1/8" in 12' - 0" level tolerance.
Pattern Direction: One-way, align joints.
Suspension System: Secure to building structure, with hangers space 4'-0" along supported members.
Edge Moldings: Secure to substrate with screw anchors spaced 16" o.c. set with concealed head of acoustical sealant.
Installation:
Use exposed flanges of intersecting suspension members for flush intersections.
Install acoustical panels with hold-down clips within 10"-0" of foot entrance doors spaced as recommended by panel mfr.

END OF SECTION 0930

SECTION 0990 – PAINTING

Description of Work: Painting and finishing of interior and exterior items and surfaces, unless otherwise indicated.
Includes field painting of bars and covered pipes and ducts (including color coding), and hangers, exposed steel and iron work, and primed metal surfaces of equipment installed under mechanical and electrical work.

Exposed Inside Concrete Floor: Also use 2 coats of Prim-A-Pel Clear Block Sealer.

Paint exposed surfaces, except as otherwise indicated, whether or not colors are designated, colors will be selected by Owner from standard color drawings for the coating required.

Work Not Included: Unless otherwise indicated, shop painting of ferrous metal items and fabricated components are included under their respective trades. Pre-finished items, such as metal toilet partitions, acoustic material and tile, are not included. Unless otherwise indicated, painting not required on surfaces of concealed areas except for pipes and equipment and other such items within concealed spaces. Finished metals such as anodized aluminum, stainless steel, bronze, and similar metals will not be painted. Do not paint any moving parts of operation units, or over any equipment identification, performance rating, name or nomenclature plates or color-coded labels.

Job Conditions: Do not apply paint in snow, rain, fog or mist or when relative humidity exceeds 85%. Do not apply paint to damp or wet surfaces.

Protection: Protect work of other trades. Correct any painting related damages by cleaning, repoint or repointing, and refinishing, as directed by Owner.
Coordination: Provide finish coats which are compatible with prime points used. Provide barrier coats over incompatible primers where required. Notify Owner in writing of anticipated problems using specified coatings with substrate primed by others.

Surface Preparation: Performance preparation and cleaning procedures in strict accordance with coating mfr.'s instructions for each substrate condition.
Remove hardware and accessories, machined surfaces, gaskets, lighting fixtures and similar items in place and not to be finished—point-of provide surface-applied protection. Remove items on surface to receive protective coverings at completion of work.

Soil seal required to be job-applied prime edges, ends, lids, undersides and bottoms of counters, cabinets, etc.
Clean ferrous surfaces which are not galvanized or shop coated. Remove oil, grease, dirt, loose mill scale and other foreign substances by solvent or mechanical cleaning. Touch-up shop applied prime coats wherever damaged.

Clean galvanized surfaces free of oil and surface contaminants with non-petroleum based solvent.
Material Preparation: Mix, prepare and store painting and finishing materials in accordance with mfr.'s directions.

Paint Schedule:

PAINTING SCHEDULE		
APPLICATION	FINISH	VEHICLE
EXTERIOR DOORS, FRAMES, GRATEL AND LIGHT FOLDS	SEMI-GLOSS	ALYD

Paint Formulas:

Formula No. 1: Exterior ferrous (non-galvanized) metal surfaces.
 1. Preparation: Solvent clean surfaces. Remove loose paint and rust.
 2. Finishing:
 1st coat: Primer
 2nd & 3rd coats: Semi-Gloss ALYD.
(Note: Omit first coat on surfaces already prime painted. Spot prime as required.)
Formula No. 2: Exterior galvanized surfaces: (doors, frames, gravel guard, flashing, poles and perimeter lights).
 1. Preparation: Wash surfaces with light oil or mineral spirits.
 2. Finishing:
 1st coat: Galvanized Metal Primer
 2nd & 3rd coats: Semi-Gloss Alyd.

Formula No. 3: Interior ferrous (non-galvanized steel) metal surfaces:
 1. Preparation: Solvent clean surfaces. Power tool clean.
 2. Finishing:
 1st coat: Metal Primer
 2nd & 3rd coats: Aqua Gb Semi-Gloss
(Note: Omit first coat on surfaces already prime painted. Spot prime as required.)
Formula No. 4: Interior Galvanized Steel Surfaces:
 1. Preparation: Wash surfaces with mineral spirits.
 2. Finishing:
 1st coat: Galvanized Metal Primer
 2nd & 3rd coats: Aqua Gb Semi-Gloss
Formula No. 5: Operum Wallboard:
 1. Preparation: Operum Wallboard: Apply Poly Co. Vinyl sand finish in medium sand finish texture or approved by Architect/Owner.
 1st coat: Primer Seal
 2nd & 3rd coats: Semi Gloss

Formula No. 6: Interior Wood Doors and Frames:
 1. Preparation: Clean, fill, patch, sand, wash surfaces with light oil or mineral spirits.
 2. Latex enamel semi-gloss finish:
 1st coat: Latex Enamel Underbody
 2nd & 3rd coats: Aqua Gb Semi-Gloss
Formula No. 7: Painted Millwork:
 1. Preparation: Clean, fill, patch, sand, wash surfaces with light oil or mineral spirits.
 2. Latex enamel semi-gloss finish:
 1st coat: Latex Enamel Underbody
 2nd & 3rd coats: Aqua Gb Semi-Gloss

Application: Apply painting and finishing materials in accordance with Manufacturer's written system specifications. Use applications and techniques best suited for materials and surface to which applied.
Apply additional coats when undercoats, slates or other conditions show through final paint coat until paint film is of uniform finish, color and appearance.
Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Paint surfaces behind permanently fixed equipment or furniture with prime coat only unless equipment is installed.
Paint interior surfaces of ducts, where visible through registers or grilles, flat, non-specular black.
Paint back sides of access panels, and removable or hinged covers to matched exposed surfaces.
Finish exterior doors on tops, bottoms and edges same as exterior faces, unless otherwise indicated.
Sand lightly between succeeding enamel or varnish coats.
Omit first coat (primer) on metal surfaces which have been shop-primed and touch-up painted, unless otherwise specified.
Apply prime coat to material which is required to be painted or finished, and which is not otherwise indicated.

has not been prime coated by others.
Apply each material at or less than manufacturer's recommended spreading rate, to provide a total dry film thickness of not less than 4.0 mils for entire coating system of prime and finish coats for 3-coat work.
Completed Work: Match approved samples for color, texture and coverage.
Remove, refinish or repair work not in compliance with specified requirements.

END OF SECTION 0990
SECTION 1000 – LOWERES AND VENTS
Performance Standard: For performance-rated louvers, provide units whose ratings have been determined in compliance with ANSI Standard 550.
SMCNA Standard: Comply with "Technical Sheet Metal Manual" recommendations for fabrication construction and installation procedures.
Field Measurements: Verify size, location and placement of lower units prior to fabrication, where possible.
Pressureless units and ship to greatest extent possible.
Manufacturers offering products to comply with requirements include the following:

- Altilo Co. Construction Specialties Inc.
- Aluminum Sheet: ASTM B209, Alloy 3003, or 5005 with temper as required for forming and to provide required finish.
- Aluminum Extrusions: ASTM B221, Alloy 6061-T52.
- Fastenings: Use same material as metal fastening except use hot-dipped galvanized for exterior steel units and stainless steel for exterior aluminum units.
- Bluntless Paint: SSPC-Paint 12 (cold-applied asphalt mastic).
- Fabrication, General: Provide louvers and accessories of design, materials, sizes, depth, arrangement, and metal thicknesses indicated or required for performance and use intended. Fabricate frames, inclusive all to suit adjacent construction and provide multiple of spacing indicated but not further apart than recommended by manufacturer.
- Metal Finishes: Comply with NAIMA "Metal Finishes Manual" to provide uniformity finished products.
- Provide color or color matches as indicated or, if not otherwise indicated, as selected by Owner from manufacturer's standard color chart.

Factory Painted Aluminum Finish: M-C1242R24 (cleaned with inhibited chemicals, conversion coated and painted with organic coating specified below).
High performance coating consisting of inhibitive thermo-cured primer, 1.2 mil dry film thickness, and thermo-cured fluorocarbon coating, 1.0 mil dry film thickness.

Installation: Locate and place lower units plumb, level, in proper alignment with adjoining work and in accordance with mfr.'s instructions.
Use non-ferrous metal or galvanized anchors and inserts for exterior installations and elsewhere where required for corrosion resistance.

Protect aluminum surfaces from corrosion when in contact with dissimilar metals and concrete or masonry by coating surfaces with zinc chromate primer or bluish zinc primer.
Repair damaged finishes so that there is no evidence of corrective work.

END OF SECTION 1000

SECTION 1000 – TOILET ACCESSORIES

Submit: Manufacturer's data and installation instructions.
General: Provide toilet accessories as scheduled below. Schedule is based on American Specialties, Inc.
Manufacturers offering products to comply with requirements for general toilet accessories include the following:
 American Specialties, Inc.
 American Dispenser Co., Inc.
 Bobrick Washroom Equipment, Inc.
 The Charles Porter Company
General: Provide toilet accessories as scheduled below. Schedule is based on American Specialties, Inc.

Materials:
Stainless Steel: ASI Type 302/304, with polished No. 4 finish, 22 gauge min, unless otherwise indicated.
Galvanized Steel Mounting Brackets: ASTM A36, hot-dip galvanized after fabrication.
Fasteners: Screws, bolts, and other devices of same material as accessory unit or of galvanized steel where concealed.
Toilet Partitions: Plastic Laminate – color to be selected by Architect, Floor Mounted with lockets and oak knobs each door.

Fabrication:
General: Stamped names or labels on exposed faces of toilet accessory units are not permitted. Wherever locks are required for particular type of accessory, provide some locking throughout project. Furnish two keys for each lock, properly identified.
Surface-Mounted Accessories: Fabricate units with light seams and joints, exposed edges rolled. Hang doors or access panels with continuous photo hinge or ring, of not 1-1/2" in thickness of same metal as unit cabinet. Provide concealed anchorage wherever possible.

Paper Towel Dispensers: Model No. AS-0210, surface mounted. Fabricated of stainless steel with flanged front equipped with turner bracket and spring lock bolt. Provide pre-drilled slots at sides on rear indicator.
Capacity: Not less than either 3000- or 400 multifold paper towels.

Waste Receptacles: For code compliance. Waste receptacles to be provided by Owner.

Toilet Tissue Dispensers: Model No. AS-0715 double-roll, size to accommodate two separate rolls of core type tissue to 3' diameter. Fabricated with stainless chrome-plated steel construction with tension spring delivery control; designed for surface mounting, self-locking device extends through core and prevents removal of core until roll is completely empty.

Grab Bars (88 BR): AS-150000 Series.
Stainless Steel Type: Provide grab bars with wall thickness not less than 18 gauge and as follows:

Mounting: Exposed.
Dripping surfaces: non-slip, polished finish.
Bar Size: Outside diameter 1-1/2".
Length: (2) 36", Type-01 Compliance / conform to ADA and IAS
 (2) 54", Type-02 Compliance / conform to ADA and IAS

Metric: Channel Frame AS-0620; 18 x 36. Frame 1/2" x 1/2" x 1/2" 20 gauge Type 304 stainless channel. Mirror is installed on two wall brackets and holds secure by tamper-proof screw on bottom of unit.

Installation:
General: Install toilet accessory units in accordance with manufacturer's instructions, using fasteners appropriate to substrate and recommended by manufacturer of unit. Install unit plumb and level, firmly anchored in locations indicated. Installation shall conform to A.D.A. Requirements.

Adjust toilet accessories for proper operation and verify that mechanisms function smoothly.
Clean and polish all exposed surfaces after removing protective coatings.
END OF SECTION 1000

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DATE	DESCRIPTION	BY

SCALE:
AS NOTED

PROJECT NO.
081-01

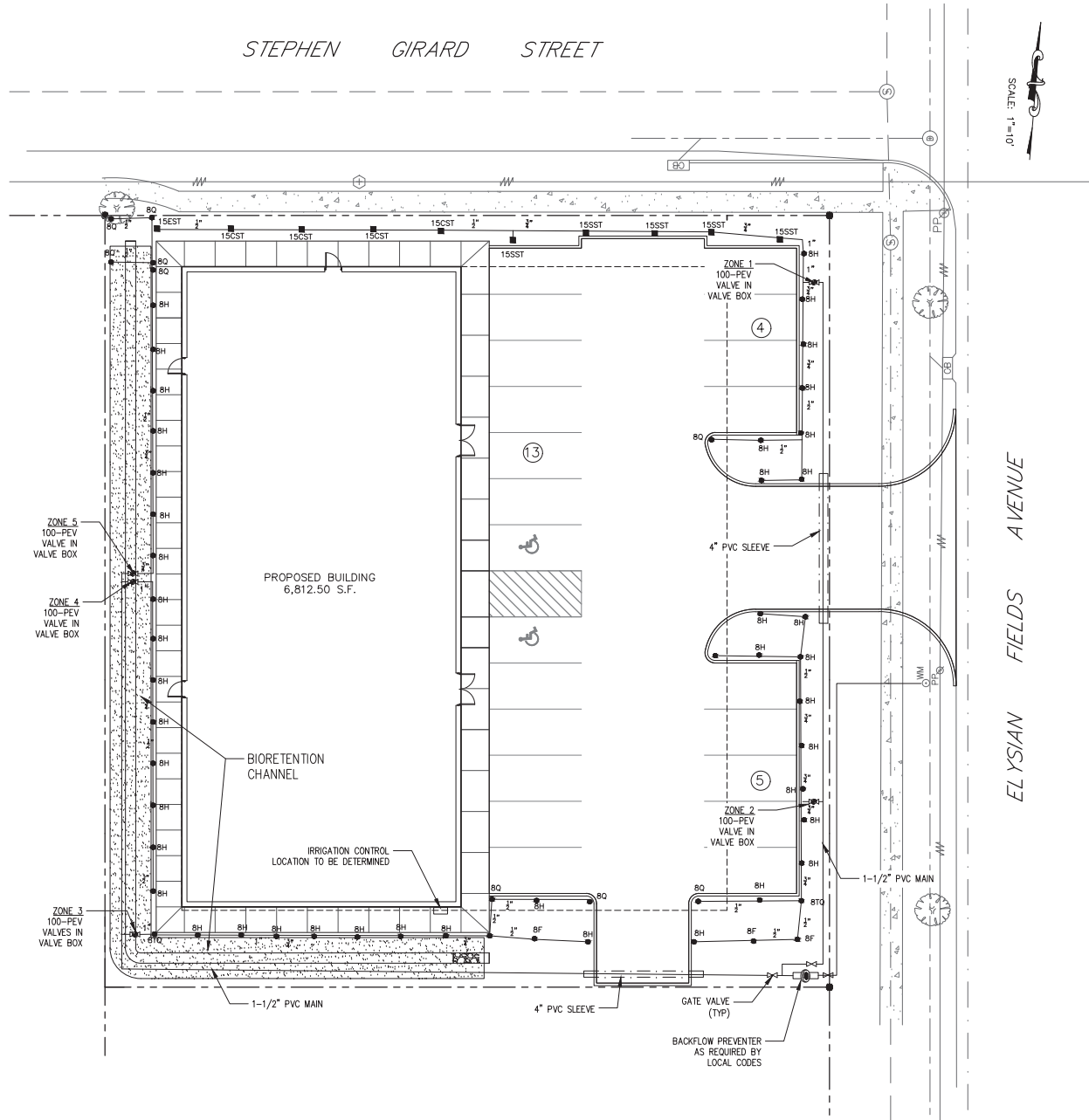
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DATE: 6/2/2021 9:50 AM [PROJECT: New Life Wellness Center - New Life Wellness Center - New Life Wellness Center - New Life Wellness Center - New Life Wellness Center] [LAYOUT: L3.0 Irrigation Plan]

STEPHEN GIRARD STREET

SCALE: 1" = 10'

ELYSIAN FIELDS AVENUE



IRRIGATION NOTES:

1. ALL IRRIGATION PLUMBING AND ELECTRICAL WORK SHALL BE INSTALLED ACCORDING TO ALL FEDERAL, STATE AND LOCAL CODES.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND FEES TO INSTALL THE IRRIGATION SYSTEM.
3. INSTALLATION OF MATERIAL SHALL BE PER MANUFACTURER'S RECOMMENDATION OR AS SPECIFIED IN THE DRAWINGS.
4. ALL MATERIAL SHALL BE NEW, WITHOUT FLAWS AND CONSIDERED THE BEST AVAILABLE IN STOCK. THE COMPLETE SYSTEM SHALL HAVE A ONE YEAR WARRANTY AFTER FINAL PROJECT ACCEPTANCE ON ALL PARTS AND LABOR.
5. PRIOR TO FINAL PROJECT ACCEPTANCE, CONTRACTOR SHALL INSTRUCT THE OWNER AND/OR HIS REPRESENTATIVE IN THE PROPER OPERATION AND MAINTENANCE OF THE ENTIRE SYSTEM.
6. THE CONTRACTOR SHALL PROVIDE AND KEEP CURRENT A COMPLETE SET OF RECORD DRAWINGS WHICH SHALL BE CORRECTED DAILY TO SHOW CHANGES IN THE ORIGINAL DRAWINGS. ALL MAINLINE PIPING AND VALVE LOCATIONS SHALL BE SHOWN IN ACTUAL MEASUREMENTS TO KNOWN REFERENCE POINTS.
7. WHEN THE SYSTEM IS COMPLETE, THE CONTRACTOR SHALL PERFORM A COVERAGE TEST. THE IRRIGATION SYSTEM SHALL PROVIDE 100% COVERAGE TO ALL LAWN AND LANDSCAPE PLANTING AREAS.
8. ALL IRRIGATION MAINLINE PIPING SHALL BE CLASS 200 AND LATERAL PIPING SHALL BE SCHEDULE 40 PVC PIPE.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SETTLING IN THE IRRIGATION TRENCHES OR ASSOCIATED IRRIGATION WORK AS A WARRANTY ITEM.
10. ALL IRRIGATION VALVES SHALL BE LOCATED IN PROFESSIONAL GRADE VALVE BOXES. SIZE OF VALVE BOXES SHALL VARY WITH THE NUMBER OF VALVES LOCATED IN THE BOX. ALL VALVE BOX LID ELEVATION SHALL BE SET FLUSH WITH THE FINISHED GRADE. PROVIDE BOX SIZE THAT WILL ALLOW A 6" CLEARANCE AROUND ALL SIDES OF VALVES. PROVIDE BOLTS PER MANUFACTURER'S RECOMMENDATION AND SECURE EACH VALVE BOX.
11. ALL CONTROL WIRE SHALL BEAR A U/L APPROVED LABEL FOR DIRECT UNDERGROUND BURIAL PER NATIONAL ELECTRIC CODES. ALL CONTROL WIRE RUNS LESS THAN 1000' SHALL HAVE NO SPLICES. IF A SPLICE OCCURS ON A FIELD CONTROL WIRE, THE CONTRACTOR SHALL INSTALL THE SPLICE IN A 6" ROUND VALVE BOX USING APPROVED WATERTIGHT CONNECTORS.
12. TAPE AND BUNDLE ALL CONTROL WIRES TO BOTTOM OF MAINLINE PIPE AT 10' O.C.
13. IRRIGATION CONTROLLER SHALL BE INSTALLED IN A LOCATION AS SHOWN ON THE PLANS. THE EXACT LOCATION SHALL BE APPROVED BY THE OWNER OR ITS REPRESENTATIVE.
14. IRRIGATION VALVE BOXES SHALL BE INSTALLED IN THE LANDSCAPE AREAS OR OTHER PROTECTED AREAS. VALVE BOXES SHALL NOT BE INSTALLED IN LAWN AREAS.
15. THE CONTRACTOR SHALL INSTALL SCHEDULE 40 GALVANIZED PIPING 5' ON EITHER SIDE OF THE BACKFLOW PREVENTER OR AS REQUIRED BY LOCAL CODE.
16. IRRIGATION MAINLINE PIPING SHALL BE BURIED 24" BELOW FINISHED GRADE AND ALL SPRAY IRRIGATION LATERAL LINE PIPING SHALL BE BURIED 18" BELOW FINISHED GRADE. ALL 3/4" DRIP IRRIGATION TUBING TO BE BURIED 4" TO 6" BELOW FINISHED GRADE.
17. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UNDERGROUND UTILITIES.
18. THE CONTRACTOR SHALL FLUSH ALL LINES PRIOR TO INSTALLATION OF SPRINKLER HEADS.
19. SHOULD DISCREPANCIES ARISE BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE OWNER OR ITS REPRESENTATIVE.
20. CONTRACTOR SHALL COORDINATE THE LOCATION OF IRRIGATION SLEEVES UNDER PAVEMENT WITH OTHER CONTRACTORS. ALL PIPES (MAINS AND LATERALS) UNDER PAVEMENTS SHALL BE SLEEVED.
21. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THE SPRAY COVERAGE MEET THE DESIGN INTENT.
22. THE IRRIGATION CONTROLLER SHALL BE WIRED DIRECTLY TO A 110 VOLT POWER SOURCE BY A LICENSED ELECTRICAL CONTRACTOR. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE THE EXACT LOCATION OF THE CONTROLLER TO PROVIDE POWER SOURCE.

SPECIFICATIONS:

BRAND: RAINBIRD
 HEADS: NOZZLE - 8 HE-VAN SERIES
 BODY - 1800
 VALVES: 100-PEV VALVE
 CONTROLLER: ESP-ME6

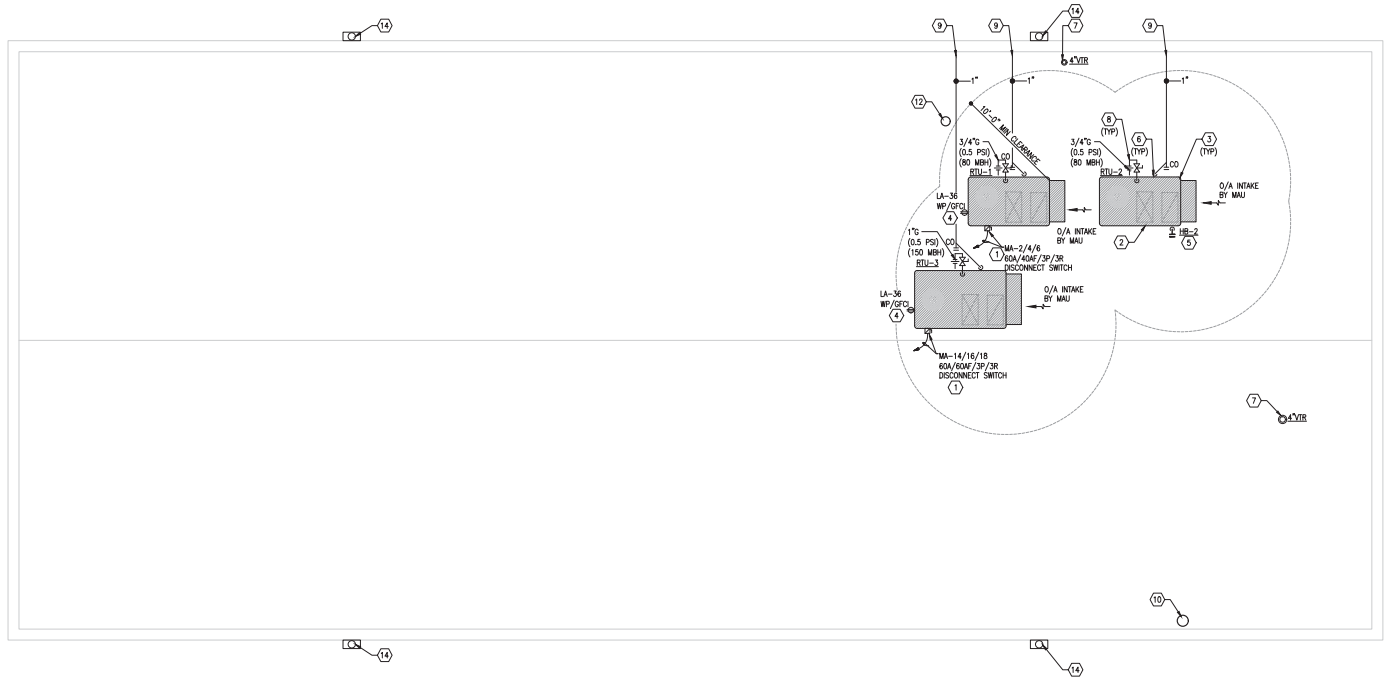
OTHER BRANDS ARE ACCEPTABLE IN PLACE OF RAINBIRD, PROVIDED THAT FINAL PRODUCT PERFORMS AS DESIGNED.

NOTE TO IRRIGATION CONTRACTOR:

ZONES 3, 4, AND 5 WILL BE SET TO MANUAL. OWNER TO MANUALLY ACTIVATE THESE ZONES DURING DRY PERIODS.

JAMES L. BARRO REGISTERED PROFESSIONAL ENGINEER LICENSE NO. 8-348 STATE OF CALIFORNIA	
SHEETS NO. BY DATE REVISIONS	DRAWN CHECKED APPROVED LAST EDIT PLOT DATE SUBMITAL
IRRIGATION PLAN NEW LIFE WELLNESS CENTER DP DESIGNS	
PROJECT NUMBER: 2021-003 DRAWING FILE NAME: L3.0 NEW LIFE LANDSCAPE PLAN SHEET NUMBER: L3.0	

KEYED NOTES	
1.	FACTORY PROVIDED AC UNIT CONTROL PANEL (VERIFY LOCATION), HACR BREAKER / DISCONNECT SWITCH FURNISHED WITH EQUIPMENT.
2.	RTU TO BE FLAZED BUT NOT POWERED UNTIL FUTURE FINISH OUT.
3.	G.C. SHALL COORDINATE FINAL LOCATIONS FOR ALL ROOFTOP EQUIPMENT PRIOR TO ROUGH-IN.
4.	WP/RT SERVICE RECEPTACLE FURNISHED WITH RTU. CONTRACTOR SHALL CIRCUIT TO PANEL.
5.	ROUTE 3/4" COLD WATER UP FROM THE HVAC UNIT ROOF CURB AND CONNECT TO HOSE BIBB MOUNTED ON THE SIDE OF THE ROOF CURB 10" ABOVE THE FINISHED ROOF DECK TO AVOID CONFLICT WITH THE SINGLE PLY ROOFING MEMBRANE. REFER TO THE WATER AND GAS PLUMBING PLAN FOR CONTINUATION OF PIPING BELOW THE ROOF.
6.	CONDENSATE PIPING FROM THE MECHANICAL UNIT SHALL BE ROUTED ON THE ROOF AS SHOWN, AT A MINIMUM PITCH OF 1/4" PER FOOT IN THE DIRECTION OF FLOW.
7.	FIELD COORDINATE LOCATION OF THE ROOF MOUNTED VTR. THE LOCATION SHALL BE A MINIMUM OF 10'-0" FROM ANY OUTDOOR AIR INTAKE.
8.	GAS PIPING TO THE MECHANICAL UNIT SHALL TURN BACK THROUGH THE ROOF CURB. PROVIDE WEATHER TIGHT SEAL AT PIPE PENETRATION. REFER TO THE WATER AND GAS PLUMBING PLAN FOR CONTINUATION OF PIPING BELOW THE ROOF.
9.	ROUTE CONDENSATE PIPING AS SHOWN ON ROOF AND DISCHARGE TO ROOF GUTTER.
10.	ROUTE 12" RESTROOM EXHAUST DUCT THRU ROOF (FIELD VERIFY), FURNISH AND INSTALL WITH BACKDRAFT DAMPER, ROOF CAP AND ACCESSORIES AS REQUIRED.
11.	ALL PIPING INSTALLED ON THE ROOF SHALL BE SUPPORTED WITH FIRE-MANUFACTURED ADJUSTABLE PIPE SUPPORTS AT MAXIMUM 3'-0" ON CENTER AND EVERY CHANGE OF DIRECTION.
12.	ROUTE 6" EXHAUST DUCT THRU ROOF (FIELD VERIFY), FURNISH AND INSTALL WITH BACKDRAFT DAMPER, ROOF CAP AND ACCESSORIES AS REQUIRED.
13.	PREMANUFACTURED PIPE PORTAL FOR ROOF PENETRATIONS, THE MC, EC AND CC SHALL COORDINATE FOR A COMPLETE INSTALLATION.
14.	CONTRACTOR TO VERIFY WITH ARCHITECT NUMBER AND LOCATIONS OF GUTTER DOWNSPOUTS PRIOR TO BID.



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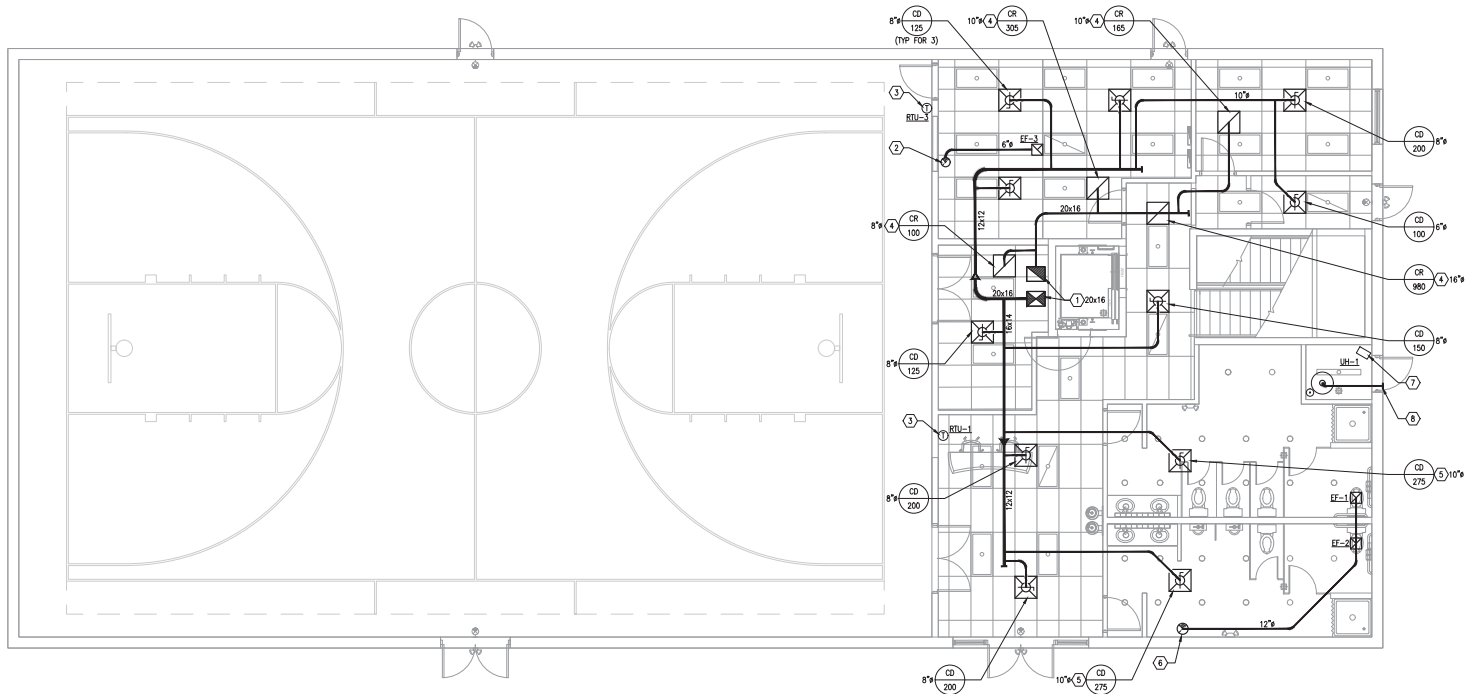
SCALE:
AS NOTED

PROJECT NO.
081-01

SHEET NO.

- GENERAL NOTES**
- ALL OUTDOOR AIR INTAKES BY MECHANICAL EQUIPMENT SHALL HAVE A MINIMUM 10'-0" HORIZONTAL CLEARANCE FROM THE DISCHARGE OF ANY EXHAUST FAN, COMBUSTION EXHAUST OR PLUMBING VENT.
 - PROVIDE VIBRATION ISOLATION DEVICES AND FLEXIBLE DUCT/PIPING CONNECTIONS TO ALL MOVING MACHINERY NOT INTERNALLY ISOLATED.
 - ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR ROSE DIMENSIONS.
 - THE MECHANICAL CONTRACTOR SHALL COORDINATE ALL DUCT AND DIFFUSER LOCATIONS WITH LIGHT FIXTURES AS WELL AS SPRINKLER PIPING AND HEADS (WHERE INCLUDED IN THE PROJECT) FOR A COMPLETE INSTALLATION.
 - LOCATIONS FOR THERMOSTATS AND REMOTE SENSORS SHALL BE FIELD COORDINATED TO AVOID INTERFERENCE WITH WALL-MOUNTED DECOR OR PROXIMITY TO HEAT PRODUCING EQUIPMENT.
 - ALL HVAC AND RESTROOM EXHAUST DUCTWORK SHALL BE INSTALLED AS HIGH AS POSSIBLE UNDER THE ROOF STRUCTURE.
 - ALL RECTANGULAR, ROUND, AND FLEXIBLE DUCTWORK SHALL BE SIZED AS SHOWN ON THESE DRAWINGS, AND SHALL BE FABRICATED AND INSTALLED ACCORDING TO THE MOST RECENTLY PUBLISHED SMACNA STANDARDS. ALL JOINTS, SEAMS, AND CONNECTIONS MUST BE SECURELY FASTENED & SEALED BY APPROVED METHODS.
 - ANY FLEXIBLE DUCTS SHALL BE INSTALLED IN CONCEALED SPACES ONLY. THE MAXIMUM ALLOWABLE LENGTH OF FLEXIBLE DUCT SHALL BE 5'-0". ALL FLEXIBLE DUCTS SHALL BE CONNECTED TO BRANCH RUNS AND FITTINGS WITH A FRANGIBLE-TYPE BAND, AND SHALL NOT BE ATTACHED DIRECTLY TO THE AIR DEVICE COLLAR.
 - SUPPLY, RETURN, RESTROOM EXHAUST AIR DUCT CONSTRUCTION SHALL BE GALVANIZED STEEL. GAUGES, SHIM BRACING AND SUSPENSION SHALL CONFORM TO SMACNA STANDARDS. SEAL ALL SEAMS AND JOINTS AIR AND WATER-TIGHT. FLEXIBLE ALUMINUM DUCTWORK OR FIBERGLASS DUCTBOARD IS NOT ALLOWED (N/A).
 - THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING THE AIR FILTERS AT THE ROOFTOP UNITS WITH 2" THICK PLEATED MERV 7 THRU MERV TYPE AIR FILTERS AT THE COMPLETION OF CONSTRUCTION AND PRIOR TO AIR BALANCE AND STORE TURNOVER.

- KEYED NOTES**
- SUPPLY AND RETURN DUCTS DOWN THRU SHAFT SIZED AS SHOWN. FIELD VERIFY ANY REQUIRED TRANSITIONS OR OFFSETS OF EXHAUST DUCT FROM STRUCTURE.
 - EXTEND THE 6" BREAK ROOM EXHAUST RISER UP THRU SHAFT TO ABOVE SECOND FLOOR CEILING. FIELD VERIFY ANY REQUIRED TRANSITIONS OR OFFSETS OF EXHAUST DUCT FROM STRUCTURE.
 - WALL MOUNTED THERMOSTAT SHALL BE MOUNTED AT 48" AFF. COORDINATE PLACEMENT WITH WALL DECOR AND EQUIPMENT. FIELD VERIFY WITH THE OWNER'S REPRESENTATIVE FOR THE FINAL LOCATION PRIOR TO INSTALLATION.
 - RETURN GRILLE AIR QUANTITY LISTED IS FOR PARTIAL RETURN DURING STANDARD OPERATING HOURS. RETURN DUCTS ARE SIZED FOR FULL RETURN DURING NIGHT SETBACK CONDITIONS. REFER TO SHEET M2.1 FOR AIR BALANCE REPORT ON DESIGN AIRFLOW RATES.
 - AIR DEVICE IN HARD LID CEILING SHALL BE INSTALLED COMPLETE WITH OPPOSED BLADE DAMPER FOR MANUAL VOLUME ADJUSTMENT.
 - EXTEND THE 12" RESTROOM EXHAUST RISER UP THRU SHAFT TO ABOVE SECOND FLOOR CEILING. FIELD VERIFY ANY REQUIRED TRANSITIONS OR OFFSETS OF EXHAUST DUCT FROM STRUCTURE.
 - UNIT HEATER SHALL BE MOUNTED ON FACTORY AVAILABLE WALL BRACKET, AS HIGH AS POSSIBLE FOR CLEARANCE ABOVE THE DOOR JAMB. ANGLE THE DISCHARGE FACE DOWN TOWARDS THE WATER PIPING.
 - CO SHALL FURNISH AND INSTALL CONCENTRIC COMBUSTION AIR VENT TO WALL CAP FOR THE GAS FIRED WATER HEATER. A MANUFACTURER AVAILABLE CONCENTRIC VENT KIT IS REQUIRED FOR INSTALLATION. COORDINATE THE EXTERIOR WALL PENETRATION, FLASHING AND COUNTER-FLASHING WITH THE GENERAL CONTRACTOR. EXHAUST SHALL BE A MINIMUM OF 10'-0" CLEAR FROM ALL OA INTAKES.



MECHANICAL PLAN - 1ST FLOOR
3/16/21-1.02

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MECHANICAL PLAN - FIRST FLOOR

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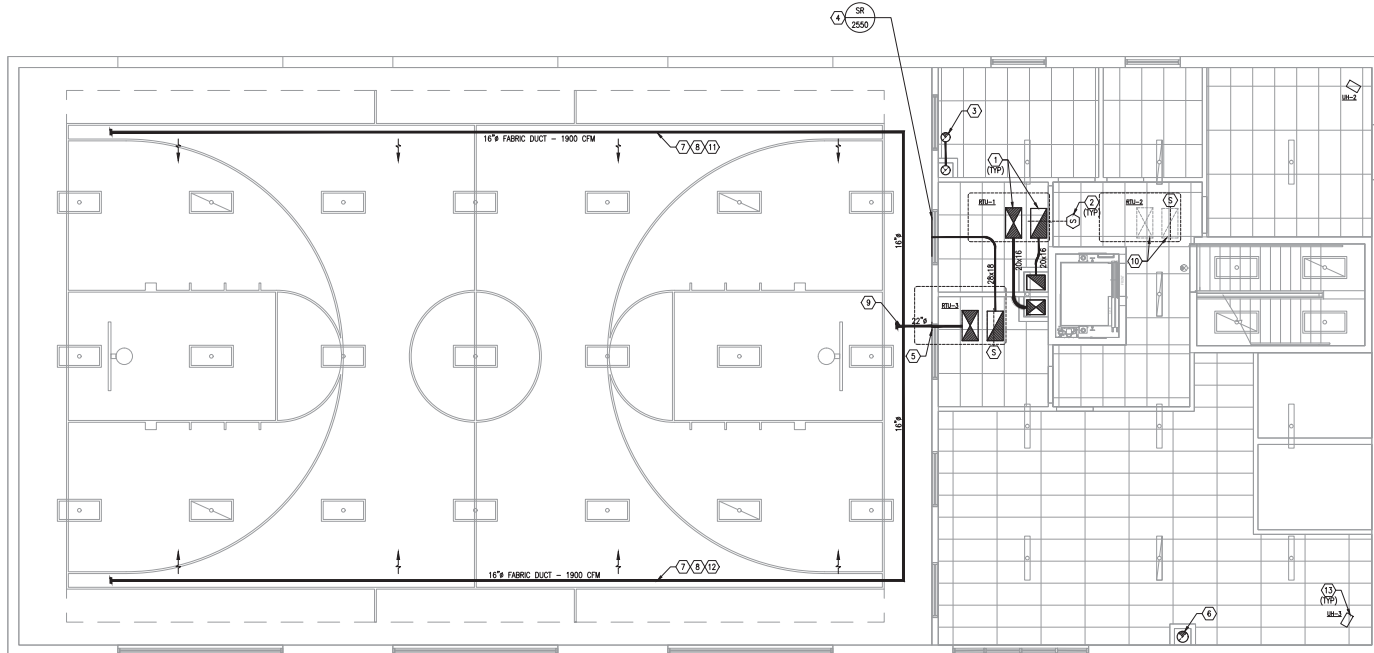
SCALE:
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PROJECT NO.
081-01

SHEET NO.
M1.1

- GENERAL NOTES**
- ALL OUTDOOR AIR INTAKES BY MECHANICAL EQUIPMENT SHALL HAVE A MINIMUM 10'-0" HORIZONTAL CLEARANCE FROM THE DISCHARGE OF ANY EXHAUST FAN, COMBUSTION EXHAUST OR PLUMBING VENT.
 - PROVIDE VIBRATION ISOLATION DEVICES AND FLEXIBLE DUCT/PIPING CONNECTIONS TO ALL MOVING MACHINERY NOT INTERNALLY ISOLATED.
 - ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS.
 - THE MECHANICAL CONTRACTOR SHALL COORDINATE ALL DUCT AND DIFFUSER LOCATIONS WITH LIGHT FIXTURES AS WELL AS SPRINKLER PIPING AND HEADS (WHERE INCLUDED IN THE PROJECT) FOR A COMPLETE INSTALLATION.
 - LOCATIONS FOR THERMOSTATS AND REMOTE SENSORS SHALL BE FIELD COORDINATED TO AVOID INTERFERENCE WITH WALL-MOUNTED DECOR OR PROXIMITY TO HEAT PRODUCING EQUIPMENT.
 - ALL HVAC AND RESTROOM EXHAUST DUCTWORK SHALL BE INSTALLED AS HIGH AS POSSIBLE UNDER THE ROOF STRUCTURE.
 - ALL RECTANGULAR, ROUND, AND FLEXIBLE DUCTWORK SHALL BE SIZED AS SHOWN ON THESE DRAWINGS, AND SHALL BE FABRICATED AND INSTALLED ACCORDING TO THE MOST RECENTLY PUBLISHED SMACNA STANDARDS. ALL JOINTS, SEAMS, AND CONNECTIONS MUST BE SECURELY FASTENED & SEALED BY APPROVED METHODS.
 - ANY FLEXIBLE DUCTS SHALL BE INSTALLED IN CONCEALED SPACES ONLY. THE MAXIMUM ALLOWABLE LENGTH OF FLEXIBLE DUCT SHALL BE 5'-0". ALL FLEXIBLE DUCTS SHALL BE CONNECTED TO BRANCH RUNS AND FITTINGS WITH A FRANGIBLE-TYPE BAND, AND SHALL NOT BE ATTACHED DIRECTLY TO THE AIR DEVICE COLLAR.
 - SUPPLY, RETURN, RESTROOM EXHAUST AIR DUCT CONSTRUCTION SHALL BE GALVANIZED STEEL. GAUGES, SMOKE BRACING AND SUSPENSION SHALL CONFORM TO SMACNA STANDARDS. SEAL ALL SEAMS AND JOINTS AIR AND WATER-TIGHT. FLEXIBLE ALUMINUM DUCTWORK OR FIBERGLASS DUCTBOARD IS NOT ALLOWED (ENCL).
 - THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING THE AIR FILTERS AT THE ROOFTOP UNITS WITH 2" THICK PLEATED MERV 7 THRU MERV TYPE AIR FILTERS AT THE COMPLETION OF CONSTRUCTION AND PRIOR TO AIR BALANCE AND STORE TURNOVER.

- KEYED NOTES**
- SUPPLY AND RETURN DUCTS DOWN FROM THE RTU CONNECTIONS THRU ROOF. COORDINATE WITH ROOFING CONTRACTOR FOR ALL ROOF WORK. FIELD VERIFY ANY REQUIRED TRANSITIONS OR OFFSETS OF DUCT FROM STRUCTURE. FIRST 10'-0" OF SUPPLY AND RETURN DUCTWORK SHALL BE INTERNALLY LINED.
 - PROVIDE FACTORY AVAILABLE SMOKE DETECTOR CAPABLE OF SHUTTING DOWN THE RESPECTIVE MECHANICAL UNIT UPON ACTIVATION.
 - EXTEND THE 4" BREAK ROOM EXHAUST RISER FROM SHAFT TO ROOF CAP. FIELD VERIFY ANY REQUIRED TRANSITIONS OR OFFSETS OF EXHAUST DUCT FROM STRUCTURE.
 - RETURN GRILLE AIR QUANTITY LISTED IS FOR PARTIAL RETURN DURING STANDARD OPERATING HOURS. RETURN DUCTS ARE SIZED FOR FULL RETURN DURING NIGHT SETBACK CONDITIONS. REFER TO SHEET M2.1 FOR AIR BALANCE REPORT ON DESIGN AIRFLOW RATES.
 - ALL EXPOSED DUCTWORK IN THE OPEN CEILING AREAS SHALL BE INSTALLED AS FABRIC DUCT. DUCTWORK CONCEALED BY FINISHED WALLS AND CEILING MAY TRANSITION TO EXTERNALLY INSULATED DUCT.
 - CONTINUE THE 12" RESTROOM EXHAUST RISER UP FROM SHAFT TO ROOF CAP. FIELD VERIFY ANY REQUIRED TRANSITIONS OR OFFSETS OF EXHAUST DUCT FROM STRUCTURE.
 - BOTTOM OF FABRIC DUCT TO BE AT 15'-6" AFF.
 - FABRICATION INCLUDES COMBTD, DRIFLOW 1" HOLES, FABRIC DUCT WITH TYPE 1 AND SUSPENSION SYSTEM, PROVIDE WITH MANUFACTURER'S MOUNTING ACCESSORIES. REFER TO ARCHITECT FOR FABRIC COLOR.
 - ROUTE FABRIC DUCT FROM WALL PENETRATION TO BOTTOM OF FABRIC DUCT AT 15'-6" AFF.
 - NO DUCT CONNECTIONS, UNIT TO BE POWERED/CONNECTED DURING FUTURE FINISH OUT.
 - FABRIC DUCT TO HAVE HOLES AT 600 O/CLOCK. INSTALL DUCT WHERE AIRFLOW OPENINGS ARE DIRECTED DOWN AND TOWARDS CENTER OF CEILING/SUMMUM.
 - FABRIC DUCT TO HAVE HOLES AT 400 O/CLOCK. INSTALL DUCT WHERE AIRFLOW OPENINGS ARE DIRECTED DOWN AND TOWARDS CENTER OF CEILING/SUMMUM.
 - UNIT HEATER FOR SHELL HEAT INSTALLED ALONG WALL.



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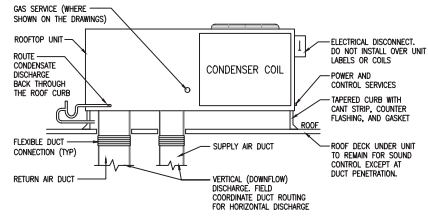
MECHANICAL PLAN - SECOND FLOOR
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 4338 ELYSIAN FIELDS AVE.
 NEW ORLEANS, LA 70122

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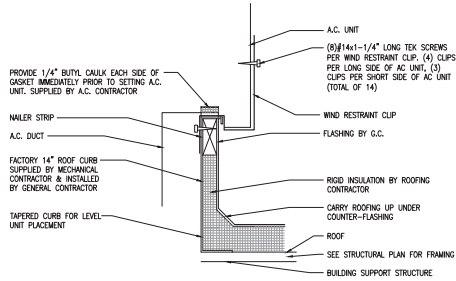
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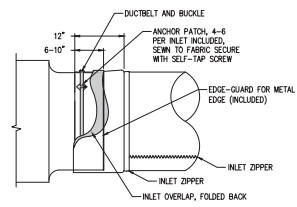
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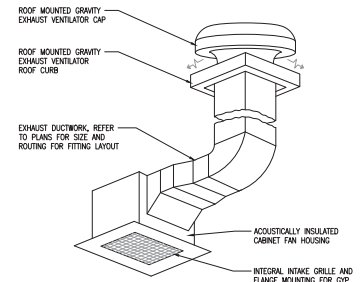
ROOFTOP UNIT DETAIL
SCALE: NONE



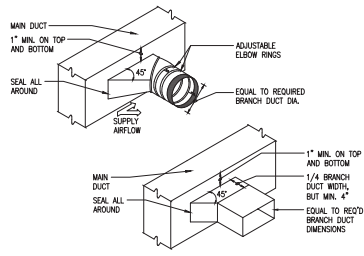
PACKAGED ROOFTOP UNIT CURB BASE DETAIL
SCALE: NONE



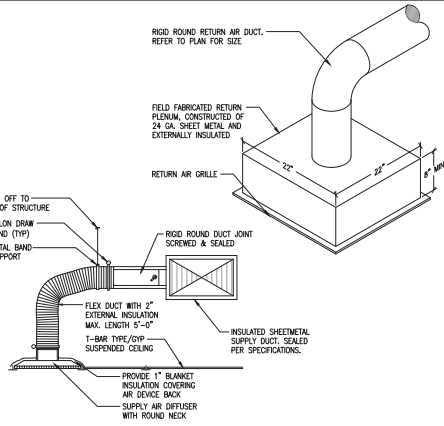
FABRIC DUCT CONNECTION
SCALE: NONE



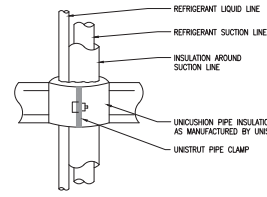
CEILING MOUNTED CABINET FAN DETAIL
SCALE: NONE



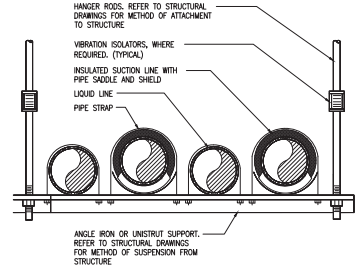
BRANCH TAKE-OFF FITTING DETAIL
SCALE: NONE



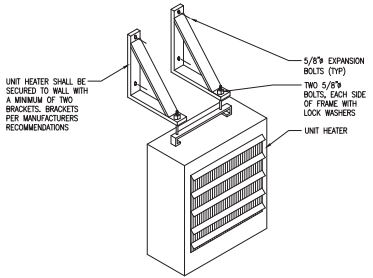
CEILING MOUNTED AIR DEVICE DETAIL
SCALE: NONE



VERTICAL REFRIGERANT PIPE SUPPORT DETAIL
SCALE: NONE



HORIZONTAL REFRIGERANT PIPE SUPPORT DETAIL
SCALE: NONE



UNIT HEATER DETAIL
SCALE: NONE

- NOTES:
1. LIQUID AND SUCTION LINES MAY BE ROUTED TOGETHER FOR CONVENIENCE, BUT MUST BE COMPLETELY INSULATED FROM EACH OTHER. DO NOT SOLDER LIQUID AND SUCTION LINES TOGETHER. DO NOT ALLOW METAL TO METAL CONTACT.
 2. LINES SHOULD BE INSTALLED WITH AS FEW BENDS AS POSSIBLE, ALLOWING SERVICE ACCESS TO THE INDOOR COIL.
 3. USE LONG RADIUS ELBOWS WHEREVER POSSIBLE, EXCEPT IN OIL RETURN TRAPS, WHERE SHORT RADIUS ELBOWS SHOULD BE USED.
 4. REFER TO MANUFACTURER'S GUIDELINES FOR THE COMPLETE INSTALLATION.

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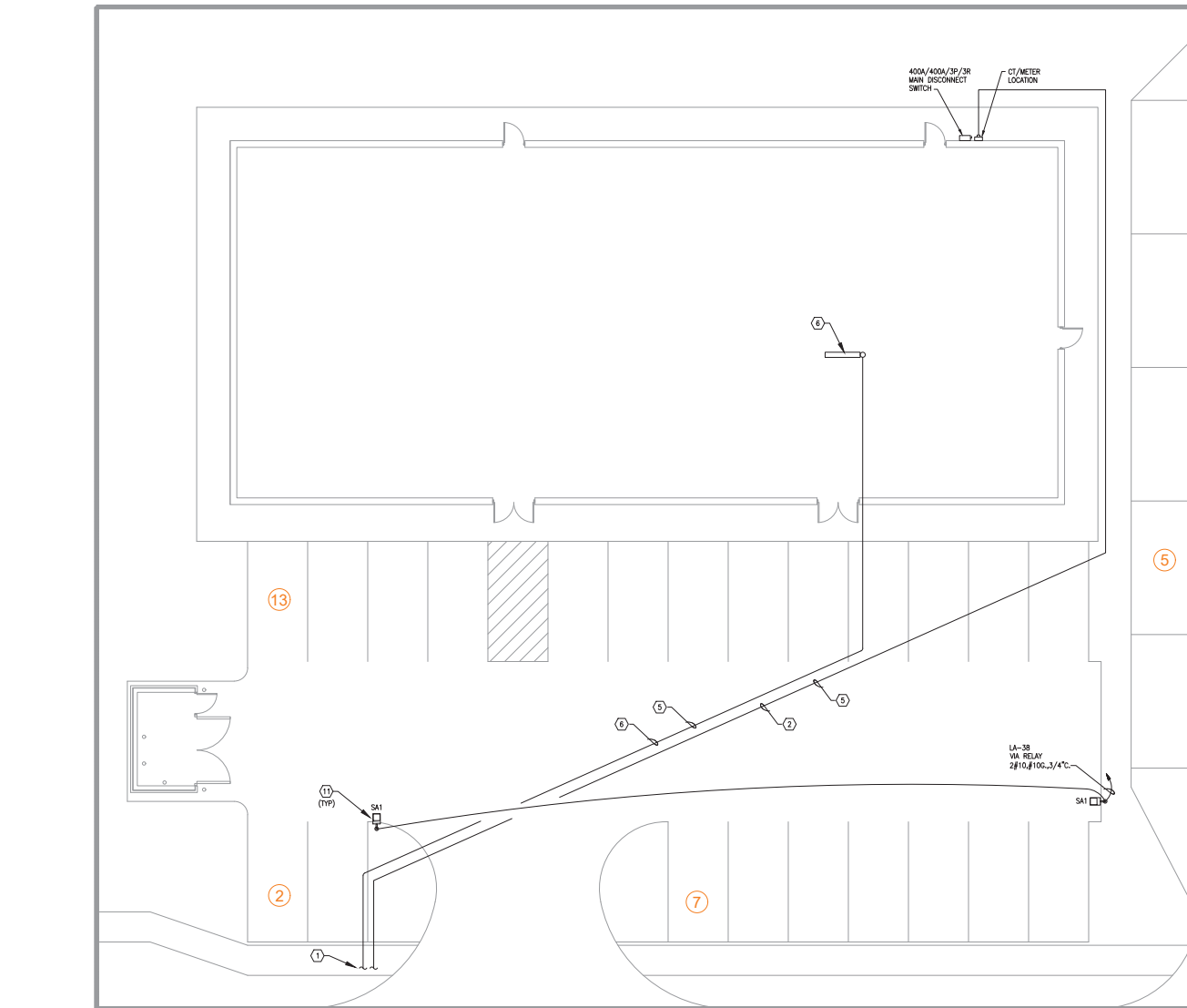
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GENERAL NOTES

- A. VERIFY LOCATION OF ALL EQUIPMENT WITH ARCHITECT AND OTHER TRADES.
- B. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR FILED VERIFICATION OF ALL CONDITIONS AND IS ALSO RESPONSIBLE FOR REPORTING AND CONFLICTS TO THE ENGINEER PRIOR TO THE START OF WORK.

KEYED NOTES

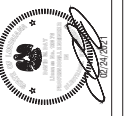
- 1. EXISTING ELECTRIC UTILITY COMPANY POLE MOUNTED TRANSFORMER. VERIFY EXACT LOCATION AND REQUIREMENTS WITH ELECTRIC COMPANY.
- 2. UNDERGROUND SERVICE SECONDARY FEEDER, 2 SETS OF 48500 KCMIL THHN IN 4" C. FROM UTILITY TRANSFORMER TO CT/METER LOCATION BY CONTRACTOR. TRANSITION FROM PVC TO RGS CONDUIT AT ELBOW BELOW GRADE FOR ABOVE GRADE ROUTING. COORDINATE EXACT LENGTH OF FEEDER AND LOCATION OF TRANSFORMER WITH LOCAL UTILITY COMPANY AND INCLUDE ALL SECONDARY WORK AND MATERIALS IN BID.
- 3. TELEPHONE BOARD LOCATION.
- 4. REFER TO 7/E/2 FOR POLE BASE GROUNDING DETAIL.
- 5. CONDUIT ROUTES ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD COORDINATE ROUTING WITH EXISTING CONDITIONS AND UTILITY COMPANY REPRESENTATIVE FOR EXACT ROUTING.
- 6. 2"x4" EMPTY PVC CONDUIT WITH FILLWIRE FROM STUB UP LOCATION NEAR TELEPHONE BOARD TO PROPERTY LINE. CAP & FLAG. VERIFY LOCATION OF CABLE/INTERNET POINT OF SERVICE WITH CABLE/INTERNET PROVIDER PRIOR TO WORK.

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ELECTRICAL SITE PLAN
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GENERAL NOTES

A. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT FIXTURE LOCATIONS.

B. REFER TO LIGHTING FIXTURE SCHEDULE FOR FIXTURE SPECIFICATIONS.

C. FINAL ARRANGEMENT OF EACH FIXTURE (AMING) SHALL BE PROVIDED TO THE OWNER REPRESENTATIVE AFTER THE FIXTURE IS INSTALLED.

D. UNLESS NOTED OTHERWISE ON THE PLAN ALL ELECTRICAL LIGHT FIXTURE HEIGHTS SHALL BE COORDINATE WITH THE ARCHITECTURAL RCP.

E. ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL CODE ORDINANCES, ETC.

F. ALL EMERGENCY LIGHTING AND EXIT SIGNAGE SHALL BE CONNECTED AHEAD OF ALL SWITCHING FOR CONTINUOUS OPERATION.

G. PLENUM RATED CABLE TO BE USED WHERE REQUIRED WITHIN PLENUM RATED SPACES ABOVE CEILING.

H. ALL WIRING SHALL BE IN CONDUIT, EMT OR RIGID, FLEXIBLE CONDUIT MAY ONLY BE USED FOR FINAL CONNECTIONS FROM OUTLET BOXES TO LIGHT FIXTURES, MOTORS, APPLIANCES, ETC. MAXIMUM LENGTH 6 FEET. NO MC, BX, FIBER, ARMORED CABLE, ETC. ALLOWED. CONDUIT SHALL BE RUN PARALLEL AND PERPENDICULAR TO STRUCTURE.

KEYED NOTES

1 PROVIDE CEILING MOUNTED OCCUPANCY SENSORS, EQUAL TO LUTRON (LJF72-0002B-P-WH)

2 LOCATION OF DIMMER SWITCH BANK, REFER TO 6/E3.1 FOR DETAILS

3 EXIT, EMERGENCY, EMERGENCY EGRESS LIGHTING AND NIGHT LIGHTING (NL) SHALL BE CIRCUITED TO NEAREST LIGHTING CIRCUIT AHEAD OFF ALL SWITCHING

4 LIGHT FIXTURE AND SWITCH LOCATED WITHIN ELEVATOR PIT SHALL BE LOCATED AS DIRECTED BY ELEVATOR MANUFACTURER.

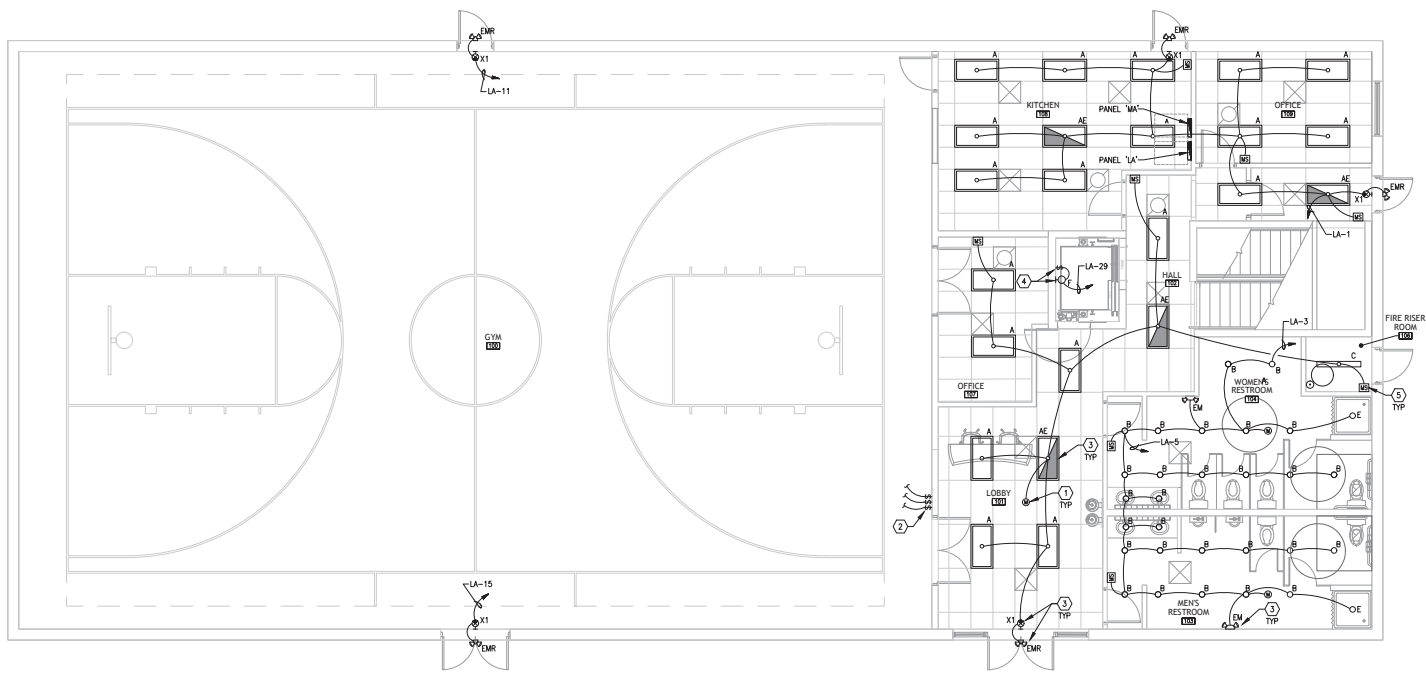
5 PROVIDE HALL MOUNTED MOTION SENSOR, SENSOR SHALL BE WAIT STOPPER (M1-300-W).

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ELECTRICAL LIGHTING PLAN - FIRST FLOOR

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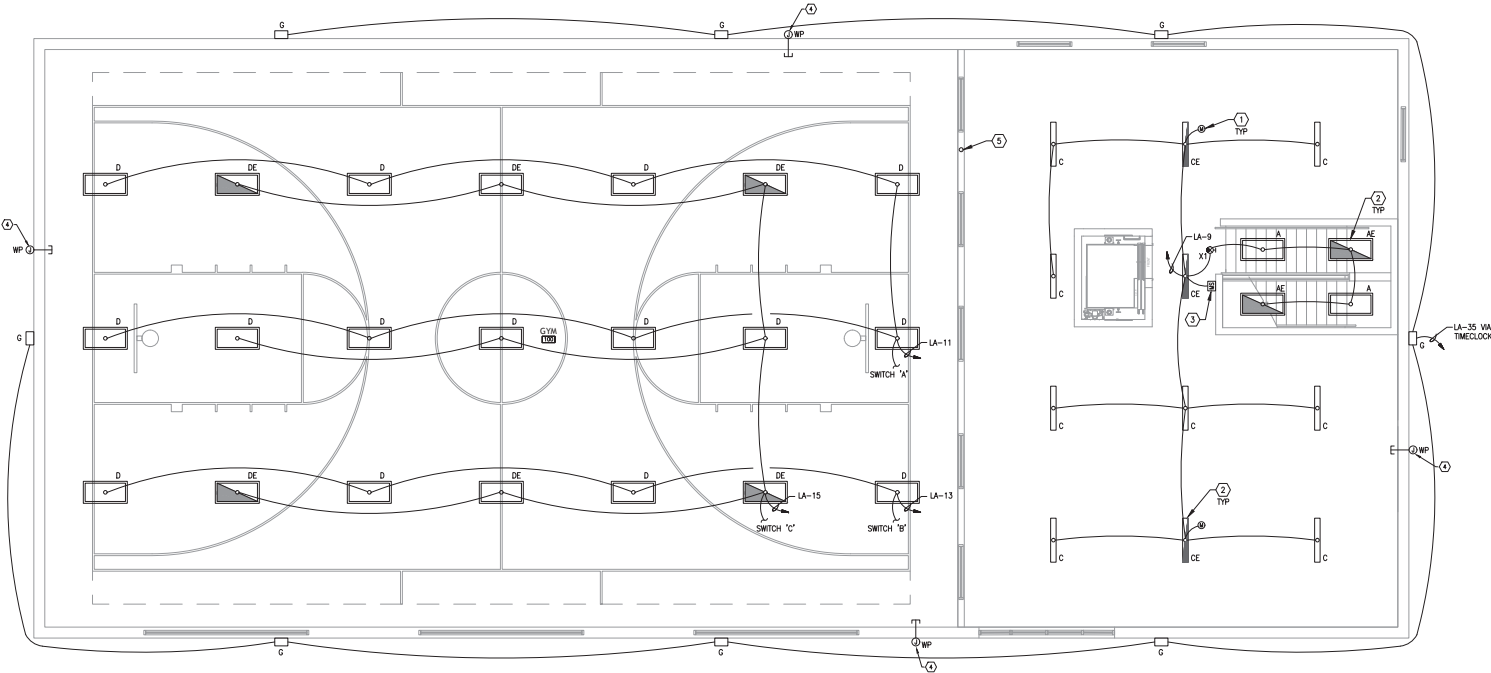
SHEET NO.

GENERAL NOTES

- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT FIXTURE LOCATIONS.
- REFER TO LIGHTING FIXTURE SCHEDULE FOR FIXTURE SPECIFICATIONS.
- FINAL ARRANGEMENT OF EACH FIXTURE (AIMING) SHALL BE PROVIDED TO THE OWNER REPRESENTATIVE AFTER THE FIXTURE IS INSTALLED.
- UNLESS NOTED OTHERWISE ON THE PLAN ALL ELECTRICAL LIGHT FIXTURE HEIGHTS SHALL BE COORDINATE WITH THE ARCHITECTURAL RCP.
- ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL CODE ORDINANCES, ETC.
- ALL EMERGENCY LIGHTING AND EXIT SIGNAGE SHALL BE CONNECTED AHEAD OF ALL SWITCHING FOR CONTINUOUS OPERATION.
- PLENUM RATED CABLE TO BE USED WHERE REQUIRED WITHIN PLENUM RATED SPACES ABOVE CEILING.
- ALL WIRING SHALL BE IN CONDUIT, EMT OR RIGID, FLEXIBLE CONDUIT MAY ONLY BE USED FOR FINAL CONNECTIONS FROM OUTLET BOXS TO LIGHT FIXTURES, MOTORS, APPLIANCES, ETC. MAXIMUM LENGTH 6 FEET. NO MC, BK, RIMEX, ARMORED CABLE, ETC. ALLOWED. CONDUIT SHALL BE RUN PARALLEL AND PERPENDICULAR TO STRUCTURE.

KEYED NOTES

- PROVIDE CEILING MOUNTED OCCUPANCY SENSORS, EQUAL TO LUTRON (#872-00028-9-88)
- EXIT, EMERGENCY, EMERGENCY EGRESS LIGHTING AND NIGHT LIGHTING (NL) SHALL BE CIRCUITED TO NEAREST LIGHTING CIRCUIT AHEAD OF ALL SWITCHING.
- PROVIDE WALL MOUNTED MOTION SENSOR. SENSOR SHALL BE WATT STOPPER #W-300-W.
- WEATHERPROOF JUNCTION BOX ROUGH-IN FOR FUTURE SIGN. VERIFY WITH ARCHITECT EXACT LOCATION OF JBX PRIOR TO INSTALLATION.
- PROVIDE 1" SLEEVE THRU FLOOR FOR FUTURE SECOND FLOOR LIGHTING.



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ELECTRICAL LIGHTING PLAN - SECOND FLOOR
 NEW LIFE WELLNESS CENTER
 4338 ELYSIAN FIELDS AVE.
 NEW ORLEANS, LA 70122

DATE	DESCRIPTION	BY
ISSUED	ISSUE FOR PERMIT	

SCALE:
 AS NOTED

PROJECT NO.
 081-01

SHEET NO.
 E1.2

GENERAL NOTES		
A. ALL CONDUIT ON THIS SHEET FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.	L. ALL LOW VOLTAGE FINAL CONNECTIONS BY E.C.S. (MECHANICAL CONTRACTOR), BUT ALL CONDUIT FOR LOW VOLTAGE WIRING IS PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.	I. ALL WIRING SHALL BE IN CONDUIT, EMT OR RIGID, FLEXIBLE CONDUIT MAY ONLY BE USED FOR FINAL CONNECTIONS FROM OUTLET BOXES TO LIGHT FIXTURES, MOTORS, APPLIANCES, ETC. MAXIMUM LENGTH 6 FEET. NO MC, BX, ROMEX, ARMORED CABLE, ETC. ALLOWED. CONDUIT SHALL BE RUN PARALLEL, AND PERPENDICULAR TO STRUCTURE.
B. COORDINATE MOUNTING HEIGHT OF THERMOSTATS AND HVAC SENSORS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.	M. FIRE ALARM SYSTEM (PULL STATION, HORN AND STROBE), ELECTRICAL CONTRACTOR SHALL ROUTE SIGNAL CABLES BACK TO BUILDING FIRE ALARM CONTROL AND INSTALLED AS REQUIRED BY LOCAL CODE. ELECTRICAL CONTRACTOR SHALL VERIFY LOCATION, REQUIREMENTS WITH FIRE MARSHALL AND OWNER PRIOR TO BID AND ROUGH-IN.	
C. ALL EMPTY CONDUIT TO HAVE NYLON PULLSTRINGS INSTALLED.	N. REFER TO SP SHEETS FOR ELECTRICAL SPECIFICATIONS.	
D. ALL WIRING INSIDE BUILDING SHALL BE IN METALLIC RACEWAY, EXCEPT IN BUILDING FLOOR SLAB WHERE SCH 40 PVC MAY BE USED WIRING ON EXTERIOR OF BUILDING, WHERE UNDERGROUND, MAY BE SCHEDULE 40 PVC. PROVIDE MC CABLE WHEN ALLOWED BY CODE.	O. PROVIDE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION FOR PERSONNEL PER 2014 NEC ARTICLE 210-8 (B). ALL 125-VOLT, 5 AND 20 AMPERE, SINGLE PHASE RECEPTACLES INSTALLED IN BATHROOMS, KITCHENS, ROOFTOPS, OUTDOORS, WITHIN 6' OF OUTSIDE EDGE OF SINKS AND INDOOR WET LOCATIONS. REFER TO PANEL SCHEDULES FOR BREAKERS NOTED AS GFI TO PROVIDE AS PROTECTION, IF ADDITIONAL GFI BREAKERS ARE REQUIRED.	
E. DUPLEX AND DOUBLE DUPLEX RECEPTACLES FOR P.O.S. SYSTEM (ISOLATED GROUND RECEPTACLES) SHALL NOT SHARE CONDUIT WITH ANY "NORMAL POWER" DEVICES. ISOLATED GROUND RECEPTACLES SHALL BE "ORANGE" IN COLOR.	P. AT COMPLETION OF ALL ELECTRICAL WORK AND AFTER FULL POWER HAS BEEN ENERGIZED, A FINAL INSPECTION OF ELECTRICAL WORK WILL BE MADE TO SEE THAT ALL WORK COMPLIES WITH THESE PLANS AND SPECIFICATIONS.	
F. ALL CONDUCTORS SHALL BE COPPER, "THHN/THWN" INSULATED. COLOR CODE ALL CONDUCTORS.	Q. ALL LOW VOLTAGE WIRING BY OTHERS SHALL BE PULLED/INSTALLED BY CONTRACTOR.	
G. SEPARATE CODE-SIZE GROUND CONDUCTORS (GREEN-INSULATED) SHALL BE PULLED IN ALL CONDUIT RUNS. METALLIC CONDUITS SHALL NOT SERVE AS GROUND.	R. ALL RECEPTACLES ABOVE SINK COUNTER TOPS ARE TO BE G.F.I. TYPE.	
H. ALL CONDUIT SHALL BE CONCEALED, UNLESS LOCATED IN ELECTRICAL OR MECHANICAL ROOMS, UNLESS SPECIFICALLY APPROVED BY ARCH.	S. THE CONDUIT SYSTEM EQUIPMENT GROUND WIRE SHALL BE GREEN. THE ISOLATED GROUND WIRE MUST BE GREEN BUT OF A DISTINCTLY DIFFERENT SHADE FROM THE EQUIPMENT GROUND WIRE, OR GREEN WITH A STRIPE. COLOR CODE SHALL BE CONSISTENT FROM PANEL TO ALL RECEPTACLES. AT TIME OF INSPECTION, INSPECTOR, CONTRACTOR SHALL REMOVE RECEPTACLES FROM BOXES TO VERIFY COLOR CODE AND CONNECTION OF GROUND WIRES.	
I. ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL CODE ORDINANCES, ETC.		
J. CONDUIT SHALL BE PROPERLY SUPPORTED USING CLAMPS. THE WIRES WILL NOT BE APPROVED.		
K. THE USE OF 3" HIGH BOXES WILL NOT BE PERMITTED. USE MINIMUM 4" SQUARE BOXES. PROVIDE SQUARE BOXES. PROVIDE SQUARE "PLASTER RINGS" WHERE ONLY ONE DEVICE IS ILLUSTRATED.		

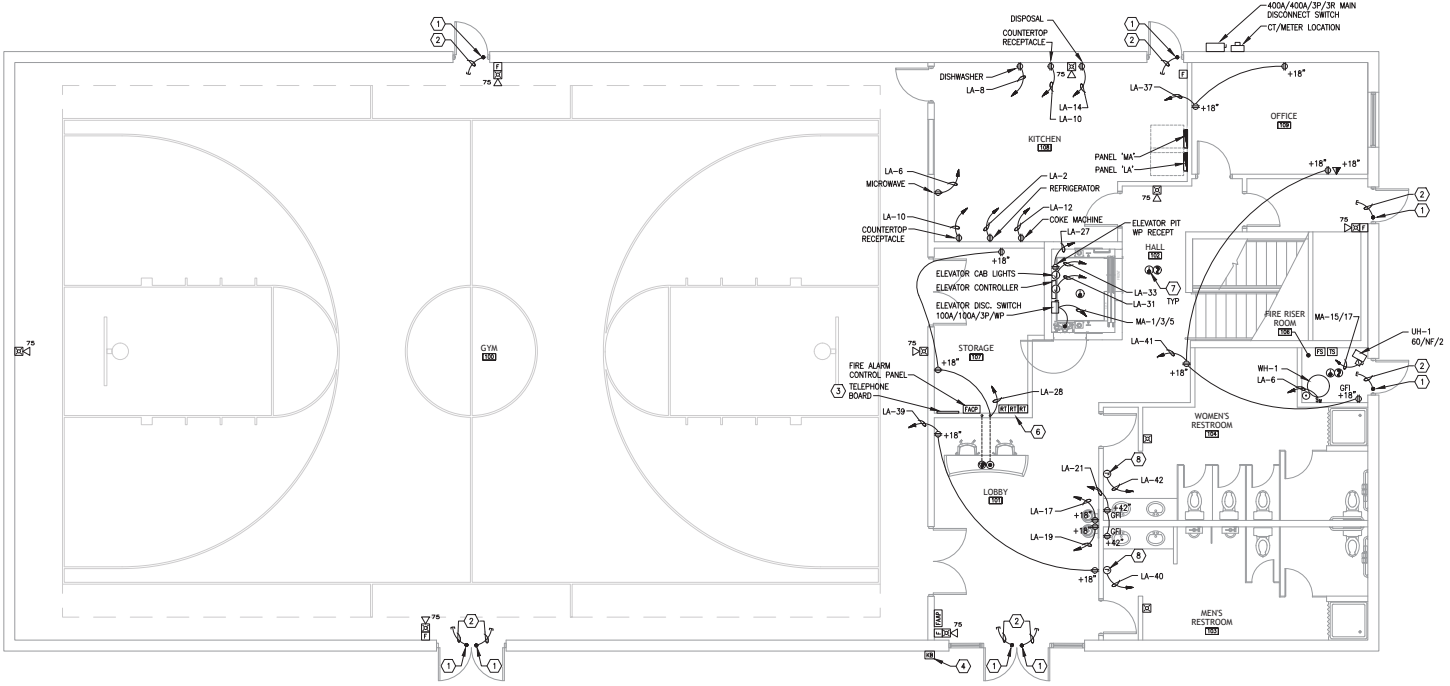
KEYED NOTES	
1	PROVIDE STUB CONDUIT DOWN TO TOP OF DOOR 8" FROM STRIKE SIDE OF THE DOOR AS DIRECTED BY SECURITY SYSTEM CONTRACTOR FOR CONNECTION TO SECURITY SENSORS CONTACTS.
2	PROVIDE 3/4" CONDUIT ONLY FOR SECURITY SYSTEM WIRES. STUB INTO ACCESSIBLE CEILING SPACE FOR ROUTING TO SECURITY PANEL.
3	PHONE BOARD LOCATION. E.G. TO TERMINATE ALL CAT-5 CABLE AT PHONE BOARD.
4	PROVIDE 400 SERIES KNOX WALL. PROVIDE KEYS WITH IDENTIFICATION TAGS FOR THE KNOX WALL. OBTAIN ORDERING FORMS THRU LOCAL CITY OF SERVICES. VERY EXACT LOCATION PRIOR TO ROUGH-IN.
5	COMBINATION TELEPHONE/FAX OUTLET. PROVIDE 1" CONDUIT TO NCR PATCH PANEL WITH (3) CAT. 5 CABLE FROM EACH POS DATA OUTLET LOCATION. PROVIDE 3/4" EMPTY CONDUIT WITH PULLWIRE FROM TELEPHONE OUTLET LOCATION TO TELEPHONE BACKBOARDS.
6	REMOTE TEST SWITCH LOCATION FOR DUCT MOUNTED SMOKE DETECTORS. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
7	HEAT DETECTOR PER NFPA 72.
8	JUNCTION BOX FOR HAND DRYER. VERIFY MOUNTING HEIGHT PRIOR TO ROUGH-IN.

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ELECTRICAL POWER PLAN - FIRST FLOOR
 NEW LIFE WELLNESS CENTER
 4338 ELYSIAN FIELDS AVE.
 NEW ORLEANS, LA 70122

DATE	DESCRIPTION

SCALE:
AS NOTED

PROJECT NO.
081-01

SHEET NO.

ELECTRICAL POWER PLAN - 1ST FLOOR
 3/16/14-1-02

1

E1.3

KEYED NOTES	
①	PROVIDE 1" SLEEVE WITH PULLWIRE THRU FLOOR FOR FUTURE SECOND FLOOR SPA EQUIPMENT.
②	PROVIDE 1" SLEEVE WITH PULLWIRE THRU FLOOR FOR FUTURE SECOND FLOOR RECEPACLE CIRCUIT.
③	PROVIDE 1" SLEEVE WITH PULLWIRE THRU FLOOR FOR FUTURE SECOND FLOOR TELEPHONES.
④	PROVIDE 1" SLEEVE WITH PULLWIRE THRU FLOOR FOR FUTURE ROOFTOP UNIT RTU-2.
⑤	PROVIDE 1" SLEEVE WITH PULLWIRE THRU FLOOR FOR FUTURE ROOFTOP UNIT RTU-2 CONTROL BRING.
⑥	PROVIDE DUCT MOUNTED SMOKE DETECTOR MOUNTED WITHIN ROOFTOP UNIT. HVAC CONTRACTOR TO WIRE SHUTDOWN RELAY FROM DETECTOR TO RTU.
⑦	FUTURE DUCT MOUNTED SMOKE DETECTOR MOUNTED WITHIN FUTURE ROOFTOP UNIT.

FIRE ALARM GENERAL NOTE

1. AN APPROVED MANUAL FIRE ALARM SYSTEM MONITORED BY A LISTED CENTRAL STATION, REMOTE STATION OR PROPRIETARY STATION SHALL BE PROVIDED, DESIGNED PER NFPA STD. 72. PRIOR TO INSTALLATION A LICENSED CONTRACTOR SHALL SUBMIT TO THE FIRE DEPARTMENT, ONE (1) SET OF MANUFACTURER'S CUT SHEETS AND STATE FIRE MARSHALL LISTING SHEETS FOR EACH DEVICE, THREE (3) SETS OF SHOP DRAWINGS, A COMPLETED PERMIT APPLICATION, AND APPLICABLE FEES FOR REVIEW. ELECTRICAL CONTRACTOR SHALL INSTALL CONDUIT ONLY AND OUTLET BOXES, WIRING AND DEVICES SHALL BE BY OWNERS FIRE ALARM SYSTEM CONTRACTOR. FIRE ALARM SYSTEM CONTRACTOR SHALL SUBMIT FINAL FIRE ALARM SYSTEM SHOP DRAWINGS TO LOCAL FIRE DEPARTMENT PLAN CHECK FOR APPROVAL PRIOR TO INSTALLATION.

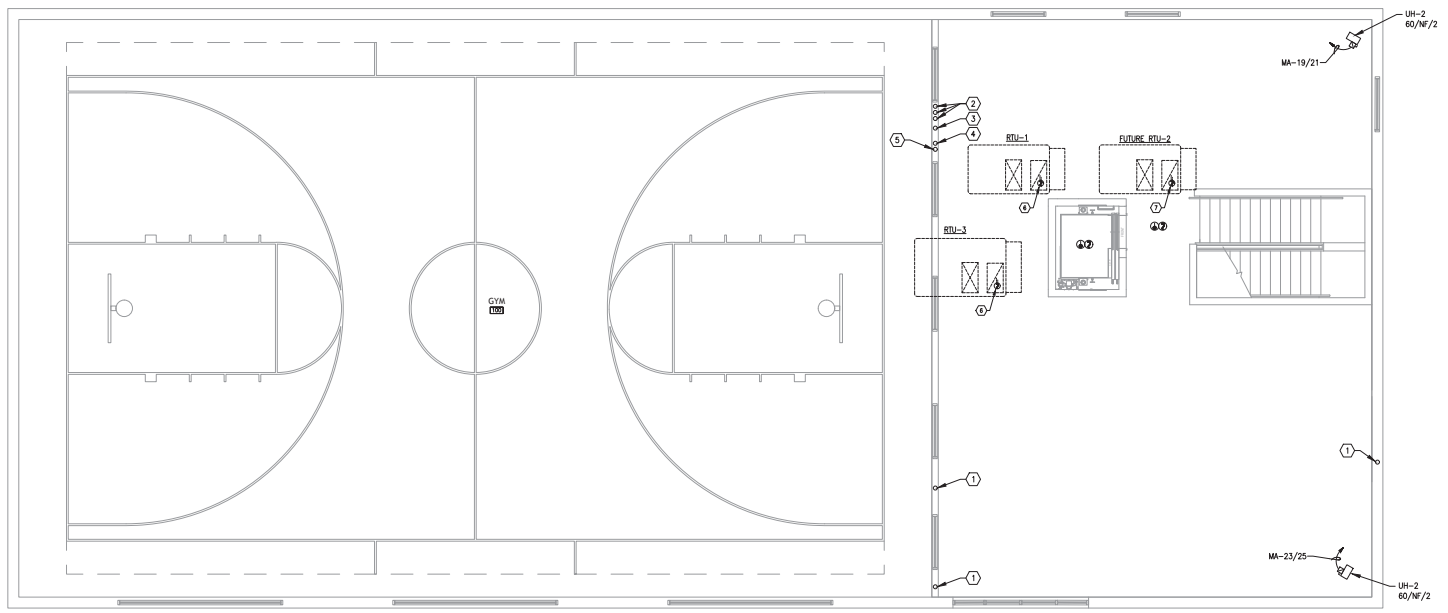
PROVIDE DOCUMENTATION TO FIRE INSPECTOR VERIFYING SERVICE CONTRACTS OF FIRE ALARM SYSTEM.

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ELECTRICAL POWER PLAN - SECOND FLOOR

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SHEET NO.
E1.4

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	2 X 4 LED FIXTURE
	2 X 4 LED FIXTURE WITH BATTERY BACKUP
	1 X 4 LED FIXTURE
	1 X 4 LED FIXTURE WITH BATTERY BACKUP
	4' LED STRIP FIXTURE
	4' LED STRIP FIXTURE WITH BATTERY BACKUP
	SURFACE MOUNTED TRACK AND TRACK HEAD
	PENDANT MOUNTED LIGHT FIXTURE
	RECESSED DOWNLIGHT FIXTURE
	RECESSED WALLWASH LIGHT FIXTURE
	WALL MOUNTED LIGHT FIXTURE
	HOOD LIGHT
	CEILING MOUNTED EXIT SIGN, SHADE INDICATES FACE
	WALL/CEILING MOUNTED EMERGENCY BLUE EYE FIXTURE
	COMBINATION EXIT SIGN/EMERGENCY BLUE EYE
	EMERGENCY REMOTE HEAD LIGHT FIXTURE
	JUNCTION BOX
	WALL MOUNTED DUPLEX RECEPTACLE
	FLOOR MOUNTED DUPLEX RECEPTACLE
	WALL MOUNTED SINGLE RECEPTACLE
	FLOOR MOUNTED SINGLE RECEPTACLE
	SPECIAL RECEPTACLE
	WALL MOUNTED QUADRUPLEX RECEPTACLE
	SINGLE POLE SWITCH
	THREE POLE LIGHT SWITCH
	PILOT LIGHT SWITCH
	SINGLE THROW THERMAL SWITCH
	MOTOR RATED SWITCH
	MOTION SENSOR
	BUZZER
	BELL
	PUSHBUTTON (MOMENTARY)
	MOTOR
	TELEPHONE BACKBOARD
	TELEPHONE OUTLET
	FLOOR MOUNTED TELEPHONE OUTLET
	POS CONNECTION
	FLOOR MOUNTED POS CONNECTION
	COMBINATION DATA AND PHONE JACK
	FLOOR MOUNTED COMBINATION DATA AND PHONE JACK
	DISCONNECT SWITCH
	POWER OUTLET
	SECURITY JUNCTION BOX
	TELEVISION JACK (PROVIDE 3/4\"/>
	KEYED SWITCH
	PANELBOARD
	TRANSFORMER
	LOW VOLTAGE DOORBELL TRANSFORMER
	SWITCHED CIRCUITRY BURIED OR IN SLAB
	CIRCUITRY IN WALL OR CEILING
	HOMERUN BACK TO PANEL
	POINT OF CONNECTION
	ISOLATED GROUND
	WEATHERPROOF
	GROUND FAULT CIRCUIT INTERRUPTER
	MOTOR CONTROL TERMINAL
	PRIOR TO ROUGH-IN
	INTEGRATED FACILITY STRUCTURE (SWITCHGEAR)
	INTEGRATED POWER CENTER (SWITCHGEAR)
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM PULL STATION
	FIRE ALARM HORN/STROBE DEVICE
	FIRE ALARM STROBE DEVICE
	FIRE ALARM SMOKE DETECTOR
	FIRE ALARM HEAT DETECTOR
	FIRE ALARM DUCT SMOKE DETECTOR
	REMOTE TEST SWITCH
	TAMPER SWITCH
	FLOW SWITCH
	CEILING MOUNTED SPEAKER

NOTE: NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS.

LIGHTING FIXTURE SCHEDULE

TYPE	SYMBOL	DESCRIPTION	LAMPS	REMARKS
A		2X4 RECESSED LAY-IN LED TROFFER LITHONIA #214 LAY-IN-EZ1	47W LED	RECESSED GRID TROFFER W/ TH #12" CLEAR PRISMATIC ACRYLIC LENS
AE		2X4 RECESSED LAY-IN LED TROFFER LITHONIA #214 LAY-IN-EZ1-L14	47W LED	RECESSED GRID TROFFER WITH #12 ACRYLIC LENS, 90 MINUTE EMERGENCY BATTERY BACK-UP
B		5\"/>	10W LED	
C		4\"/>	57W LED	
CE		4\"/>	57W LED	90 MINUTE EMERGENCY BATTERY BACK-UP
D		LED HIGH BAY FIXTURE LITHONIA #180	47W LED	
DE		LED HIGH BAY FIXTURE WITH BATTERY BACKUP LITHONIA #180	47W LED	90 MINUTE EMERGENCY BATTERY BACK-UP
E		5\"/>	10W LED	
F		LED FIXTURE MOUNTED IN ELEVATOR PIT LITHONIA #180	10W LED	
G		EXTERIOR WALL MOUNTED LED LITHONIA #180	10W LED	
EM		EMERGENCY WALL MOUNTED BUG-EYE WITH 90 MIN. BATTERY PACK. CHLORIDE #698R	PROVIDED WITH FIXTURE	120V, WHITE COLOR
X1		EMERGENCY EXIT SIGN WITH EMERGENCY LIGHTS. UNIVERSAL MOUNT 90 MIN. BATTERY PACK. CHLORIDE #ER48L-1-W-R	PROVIDED WITH FIXTURE	120V, RED LETTER, WHITE FACE EXIT SIGN
EMR		REMOTE HEAD, EXTERIOR WALL MOUNTED EMERGENCY LIGHT WITH 90 MIN. BATTERY PACK. CHLORIDE #698P	PROVIDED WITH FIXTURE	120V.
SA1		POLE MOUNTED LED AREA LIGHT FOOT: (1) LSI LIGHTING XANAS/SLD/119/250/UE/BRZ 30' POLE(1) LSI LIGHTING 509S/520/30/D180/BRZ	(1)119W LED	SINGLE HEAD POLE MOUNTED LED AREA LIGHT MOUNTED ON 30' BRONZE POLE

- ALL LIGHT FIXTURES ARE TO BE PROVIDED BY CONTRACTOR.
- CONTRACTOR SHALL INSTALL ALL LAMPS.
- CONTRACTOR SHALL INSTALL ALL NECESSARY MOUNTING HARDWARE, TRIM RINGS, ETC. FOR THE TYPE OF CEILING SPECIFIED. COORDINATE WITH THE ARCHITECTURAL ROOM FINISH SCHEDULE.
- CONTRACTOR SHALL INSTALL ALL NECESSARY MOUNTING HARDWARE, FITTINGS, CONNECTORS, PROTECTIVE END CAPS, ETC. TO PROVIDE A COMPLETE LIGHT TRACK SYSTEM.
- CONTRACTOR SHALL INSTALL ALL NECESSARY LOW VOLTAGE DIMMABLE TRANSFORMERS, CONNECTORS, MOUNTING CLAMPS, ETC.
- VERIFY THICKNESS OF CEILING SYSTEMS AND PROVIDE EXTENSION AS REQUIRED FOR ALL DOWN LIGHTS.
- MANUFACTURER SHALL LABEL FIXTURE BASE WITH MAXIMUM WATTAGE SHOWN ON THIS LIGHT FIXTURE SCHEDULE.
- JUNCTION BOX HEIGHT FOR OPEN CEILING FIXTURES TO BE 12\"/>
- CONTRACTOR TO PROVIDE ARCHITECT WITH LIGHTING CUT SHEETS FOR APPROVAL PRIOR TO ORDERING ANY LIGHTS.

ALLOWED CONDUIT LOCATIONS

CONDUIT INSTALLATION LOCATION	ALLOWABLE CONDUIT TYPE
BELOW GRADE OUTSIDE OF SLAB PERIMETER	RIGID STEEL CONDUIT OR NONMETALLIC CONDUIT (SCHEDULE 40 OR SCHEDULE 80 PVC)
BELOW GRADE CONG THRU GRADE BEAM	RIGID STEEL CONDUIT OR NONMETALLIC CONDUIT (SCHEDULE 40 OR SCHEDULE 80 PVC) WITH SLEEVE
IN OR UNDER SLAB ON GRADE	RIGID STEEL CONDUIT OR NONMETALLIC CONDUIT (SCHEDULE 40 OR SCHEDULE 80 PVC)
OUTDOOR LOCATIONS, ABOVE GRADE	RIGID STEEL CONDUIT
IN SLAB ABOVE GRADE	RIGID STEEL CONDUIT OR NONMETALLIC CONDUIT (SCHEDULE 40 OR SCHEDULE 80 PVC)
NET AND DAMP LOCATIONS	RIGID STEEL CONDUIT OR NONMETALLIC CONDUIT (SCHEDULE 40 OR SCHEDULE 80 PVC)
DRY LOCATIONS	RIGID STEEL CONDUIT AND ELECTRICAL METALLIC TUBING
ABOVE CEILING BETWEEN LIGHT FIXTURES	FLEXIBLE METAL CONDUIT (8\"/>

FAULT CURRENT CALCULATION - 208V

SERVICE VOLTAGE	120/208	UTILITY TRANSFORMER	300 KVA
SERVICE FAULT CURRENT	AMPERES	OR	LET-THRU FUSE SIZE = 400
			FUSE TYPE# LFN-REX_3P
$I = \frac{kVA \times 1000}{E \cdot L \cdot X \cdot 1.732}$	$= \frac{300}{1.732 \times 208}$	$kVA = \frac{300}{1.732}$	$= 833$
$I_{SC} = \frac{TRANS. FLA \times 100}{TRANSFORMER Z}$	$= \frac{833}{2.5}$	$I_{SC} = 33,310$	AMPERES
$I_{SC} = \frac{AMPERE SHORT-CIRCUIT CURRENT RMS SYMMETRICAL}{DESIGN POINT: A}$			
$I_{SC} = \frac{AMPERE SHORT-CIRCUIT CURRENT RMS ASYMMETRICAL}{DESIGN POINT: B}$			

FAULT AT:

	MA	LA
LENGTH (DISTANCE)	L= 230	4
AVAILABLE SHORT CIRCUIT	I _{SC} = 11000	7889
NO. CONDUCTORS PER PHASE	N= 2	1
PHASE CONDUCTOR	800	1
PHASE CONDUCTOR CONSTANT	C= 26706	7293
VOLT - LINE TO LINE	EL-L= 208	208
F FACTOR=1.732kL/M / NUCHE L-L	F= 0.394	0.036
MULTIPLIER = 1+1/F	M= 0.717	0.965
I _{SC} x M = FAULT CURRENT AT	7889	7648
DESIGN POINT:	C	D

PANEL: MA

BUS: 400A	TIN PLATED COPPER	VOLTAGE: 120/ 208	V, 3PH, 4W +GRND.	FAULT CURRENT AT PANEL= 7888.8
MIN SIZE AND TYPE: 400A	MLO	MOUNTING: SURFACE	NEMA 1 ENCLOSURE	PANEL S.C. RATING: 22 K AIC
				AIC RATED: FULLY

CCT	SERVICES	VA	DCP	WIRE	PHASE	WIRE	DCP	VA	SERVICES	CCT	
1	ELEVATOR	9384	2003	3#10, #6G-2\"/>	A	3#6, #10G-3/4\"/>	4003	2120	RTU-1	2	
3		9384	-	-	B	-	-	1320	HACR	4	
4		9384	-	-	C	-	-	2120	HACR	4	
7	SHUNT TRIP	5048	-	ST	A	3#6, #10G-3/4\"/>	5048	5048	FUTURE RTU-2	8	
8	PANEL LA	7841	1003	4#8, #8G-1/2\"/>	B	-	5048	5048	HACR	10	
11		8389	-	-	C	-	5048	5048	HACR	10	
13		8645	-	-	A	3#6, #10G-3/4\"/>	6023	5760	RTU-3	14	
15	UNIT HEATER UH-1	2500	402	2#8, #10G-3/4\"/>	B	-	5760	5760	HACR	16	
17	UNIT HEATER UH-2	2500	402	2#8, #10G-3/4\"/>	C	-	5760	5760	FUTURE SPA	20	
21		2500	-	-	B	-	2880	-	-	22	
23	UNIT HEATER UH3	2500	402	2#8, #10G-3/4\"/>	C	-	5760	5760	FUTURE WHIRLPOOL	24	
25		2500	-	-	A	-	2880	-	-	26	
27	SPACE	-	-	-	B	-	-	2880	-	28	
29	SPACE	-	-	-	C	-	-	2880	-	30	
31	SPACE	-	-	-	A	-	-	3073	2880	FUTURE SAUNA	32
33	SPACE	-	-	-	B	-	-	2880	-	34	
35	SPACE	-	-	-	C	-	-	2880	-	36	
37	SPACE	-	-	-	A	-	-	2011	SPARE	38	
39	SPACE	-	-	-	B	-	-	2011	SPARE	40	
41	SPACE	-	-	-	C	-	-	2011	SPARE	42	

NOTES:

- PROVIDE BOLT ON BREAKERS

LOAD SUMMARY	CONN	NEC	DEM	LOAD BALANCE PER PHASE	
1-LIGHTING	10436	1.25	13045	PHASE A	7341
2-RECEPTACLES	8840	NEC	8840	PHASE B	4850
3-HEATING - (1 PHASE)	15000	0.65	9750	PHASE C	4533
4-HEATING - (2 PHASE)	0	1	0	LOWEST PHASE PLUS 10%	5645
5-WVAC - (1 PHASE)	0	1	0	+ 10%	4937.5
6-WVAC - (3 PHASE)	41760	1	41760	PHASES ARE BALANCED	
7-WATER HEATING - (1 PHASE)	0	1	0		
8-WATER HEATING - (2 PHASE)	0	1	0		
9-KITCHEN - (1 PHASE)	400	0.65	260		
10-KITCHEN - (3 PHASE)	0	0.65	0		
11-REFRIGERATION - (1 PHASE)	0	0.65	0		
12-REFRIGERATION - (3 PHASE)	0	0.65	0		
13-NON-CONT - (1 PHASE)	28152	1	28152		
14-NON-CONT - (3 PHASE)	5200	1	5200		
LARGEST MOTOR: 5 HP	0	0.25	0		
TOTAL VA	130508		127727		
TOTAL AMPS	342.3		334.5		

ABBREVIATIONS:
 GFI GROUND FAULT INTERRUPTER
 SHUNT TRIP
 AIC AMPS INTERRUPTING CAPACITY
 V VOLTAGE
 W WIRE
 GRND GROUND
 C CONDUIT

PANEL: LA

BUS: 100A	TIN PLATED COPPER	VOLTAGE: 120/ 208	V, 3PH, 4W +GRND.	FAULT CURRENT AT PANEL= 7888.8
MIN SIZE AND TYPE: 100A	MLO	MOUNTING: SURFACE	NEMA 1 ENCLOSURE	PANEL S.C. RATING: 10 K AIC
				AIC RATED: SERIES

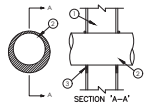
CCT	SERVICES	VA	DCP	WIRE	PHASE	WIRE	DCP	VA	SERVICES	CCT
1	FIRST FLOOR LIGHTING	658	201	2#12, #12G-3/4\"/>	A	2#12, #12G-3/4\"/>	201	658	REFRIGERATOR	2
3	FIRST FLOOR LIGHTING	627	201	2#12, #12G-3/4\"/>	B	2#12, #12G-3/4\"/>	201	658	MICROWAVE	4
5	FIRST FLOOR LIGHTING	430	201	2#12, #12G-3/4\"/>	C	2#12, #12G-3/4\"/>	201	200	WATER HEATER	6
7	FUTURE SECOND FLOOR LIGHTING	587	201	2#12, #12G-3/4\"/>	A	2#12, #12G-3/4\"/>	201	800	DISHWASHER	8
9	SECOND FLOOR LIGHTING	779	201	2#12, #12G-3/4\"/>	B	2#12, #12G-3/4\"/>	201	650	COUNTER RECEPTACLE	10
11	GYM LIGHTING (SWITCH 'A')	378	201	2#12, #12G-3/4\"/>	C	2#12, #12G-3/4\"/>	201	650	COKE MACHINE	12
13	GYM LIGHTING (SWITCH 'B')	188	201	2#12, #12G-3/4\"/>	A	2#12, #12G-3/4\"/>	201	1200	DISPOSAL	14
15	GYM LIGHTING (SWITCH 'C')	423	201	2#12, #12G-3/4\"/>	B	-	201	1200	FUTURE BUILDING SIGNAGE	16
17	RWC	600	201	GFI 2#12, #12G-3/4\"/>	C	-	201	1800	FUTURE BUILDING SIGNAGE	18
19	RWC	600	201	GFI 2#12, #12G-3/4\"/>	A	-	201	1200	FUTURE BUILDING SIGNAGE	20
21	RESTROOM RECEPTACLES	360	201	2#12, #12G-3/4\"/>	B	-	201	1200	FUTURE BUILDING SIGNAGE	22
23	FIRE ALARM CONTROL PANEL	600	201	2#12, #12G-3/4\"/>	C	2#12, #12G-3/4\"/>	201	1000	TIMECLOCK AND PHOTOCELL	24
25	TELEPHONE BOARD	600	201	2#12, #12G-3/4\"/>	A	-	201	360	FUTURE RESTROOM RECEIPTS	26
27	ELEVATOR PIT RECEPTACLE	180	201	GFI 2#12, #12G-3/4\"/>	B	2#12, #12G-3/4\"/>	201	540	FIRST FLOOR RECEPTACLES	28
29	ELEVATOR PIT LIGHT	200	201	2#12, #12G-3/4\"/>	C	-	201	540	FUTURE SECOND FLOOR RECEIPTS	30
31	ELEVATOR CONTROLLER	200	201	2#12, #12G-3/4\"/>	A	-	201	540	FUTURE SECOND FLOOR RECEIPTS	32
33	ELEVATOR CAB LIGHTS	200	201	2#12, #12G-3/4\"/>	B	-	201	540	FUTURE SECOND FLOOR RECEIPTS	34
35	EXTERIOR BUILDING LIGHTING	300	201	2#12, #12G-3/4\"/>	C	2#12, #12G-3/4\"/>	201	360	RTU MAINTENANCE RECEIPTS	36
37	FIRST FLOOR RECEPTACLES	360	201	2#12, #12G-3/4\"/>	A	2#12, #12G-3/4\"/>	201	238	SITE LIGHTING	38
39	FIRST FLOOR RECEPTACLES	360	201	2#12, #12G-3/4\"/>	B	2#12, #12G-3/4\"/>	201	650	HAND DRYER	40
41	FIRST FLOOR RECEPTACLES	340	201	2#12, #12G-3/4\"/>	C	2#12, #12G-3/4\"/>	201	1200	HAND DRYER	42

NOTES:

- PROVIDE BOLT ON BREAKERS

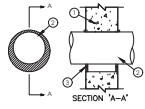
LOAD SUMMARY	CONN	NEC	DEM	LOAD BALANCE PER PHASE	
1-LIGHTING	10436	1.25	13045	PHASE A	7341
2-RECEPTACLES	8840	NEC	8840	PHASE B	4850
3-HEATING - (1 PHASE)	0	0.65	0	PHASE C	5645
4-HEATING - (2 PHASE)	0	1	0	LOWEST PHASE PLUS 10%	8735.1
5-WVAC - (1 PHASE)	0	1	0	+ 10%	
6-WVAC - (3 PHASE)	0	1	0	PHASES ARE BALANCED	
7-WATER HEATING - (1 PHASE)	0	1	0		
8-WATER HEATING - (2 PHASE)	0	1	0		
9-KITCHEN - (1 PHASE)	400	0.65	260		
10-KITCHEN - (3 PHASE)	0	0.65	0		
11-REFRIGERATION - (1 PHASE)	0	0.65	0		
12-REFRIGERATION - (3 PHASE)	0	0.65	0		
13-NON-CONT - (1 PHASE)	5200	1	5200		
14-NON-CONT - (3 PHASE)	0	1	0		
LARGEST MOTOR: 5 HP	0	0.25	0		
TOTAL VA	24876		27145		
TOTAL AMPS	65.3		76.2		

ABB



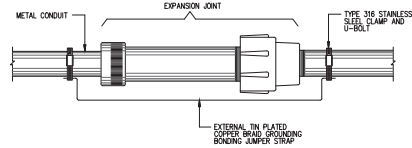
- NOTES:
1. RATED GYPSUM WALLBOARD ASSEMBLY.
 2. MAX. 4" EMT OR 1" FLEXIBLE METALLIC CONDUIT. THE ANNULUS SPACE WITHIN THE FIRESTOP SYSTEM SHALL RANGE FROM POINT OF CONTACT TO 1-3/4" MAX.
 3. SPECIAL SERIES 100 SEALANT INSTALLED WITHIN ANNULUS TO 5/8" DEPTH. AT POINT CONTACT, INSTALL A 3/8" BEAD AT PENETRANT/GYPSUM WALLBOARD INTERFACE.

TYPICAL 1-HOUR PENETRATION

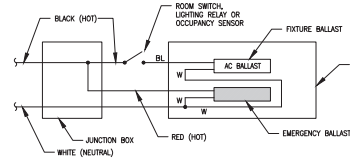


- NOTES:
1. CONCRETE OR CONCRETE BLOCK WALL.
 2. MAX. 4" EMT OR 1" FLEXIBLE METALLIC CONDUIT. THE ANNULUS SPACE WITHIN THE FIRESTOP SYSTEM SHALL RANGE FROM POINT OF CONTACT TO 1-3/4" MAX.
 3. SPECIAL SERIES 100 SEALANT INSTALLED WITHIN ANNULUS TO 5/8" DEPTH. AT POINT CONTACT, INSTALL A 3/8" BEAD AT PENETRANT/GYPSUM WALLBOARD INTERFACE.

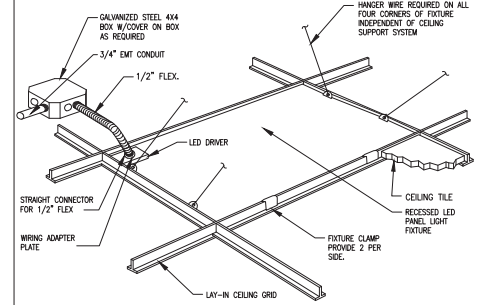
TYPICAL 2-HOUR PENETRATION



NOTE: PROVIDE FLEXIBLE EXPANSION JOINTS FOR CONDUIT AT LOCATIONS CROSSING THE BUILDING EXPANSION JOINT.



EMERGENCY LIGHTING WIRING DIAGRAM
SCALE: NONE



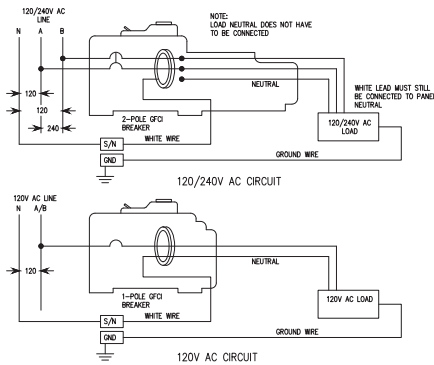
TYPICAL LAY-IN LED PANEL FIXTURE MOUNTING
SCALE: NONE

FIRE RATED WALL PENETRATION DETAIL
SCALE: NONE

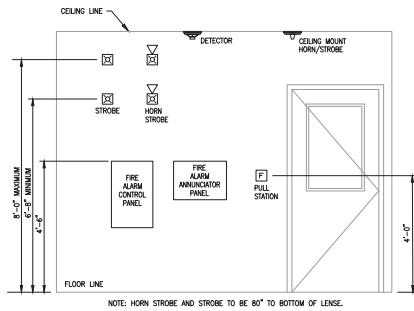
EXPANSION JOINT DETAIL
SCALE: NONE

EMERGENCY LIGHTING WIRING DIAGRAM
SCALE: NONE

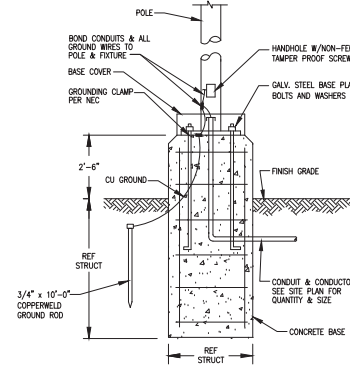
TYPICAL LAY-IN LED PANEL FIXTURE MOUNTING
SCALE: NONE



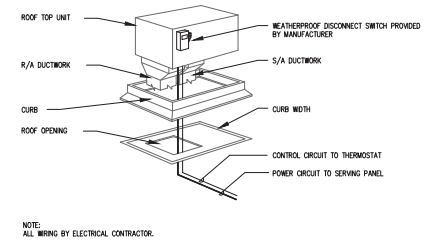
120V-1 POLE AND 208V-2-POLE GFCI BREAKER WIRING DIAGRAM
SCALE: NONE



FIRE ALARM MOUNTING HEIGHT DETAIL
SCALE: NONE



POLE BASE GROUNDING DETAIL
SCALE: NONE



ROOF TOP UNIT WIRING DIAGRAM
SCALE: NONE

NOT USED
SCALE: NONE

NOT USED
SCALE: NONE

NOT USED
SCALE: NONE

NOT USED
SCALE: NONE

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ELECTRICAL DETAILS
NEW LIFE WELLNESS CENTER
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NEW ORLEANS, LA 70122

DATE	DESCRIPTION	BY

SCALE:
AS NOTED

PROJECT NO.
081-01

SHEET NO.

E3.2

GENERAL NOTES

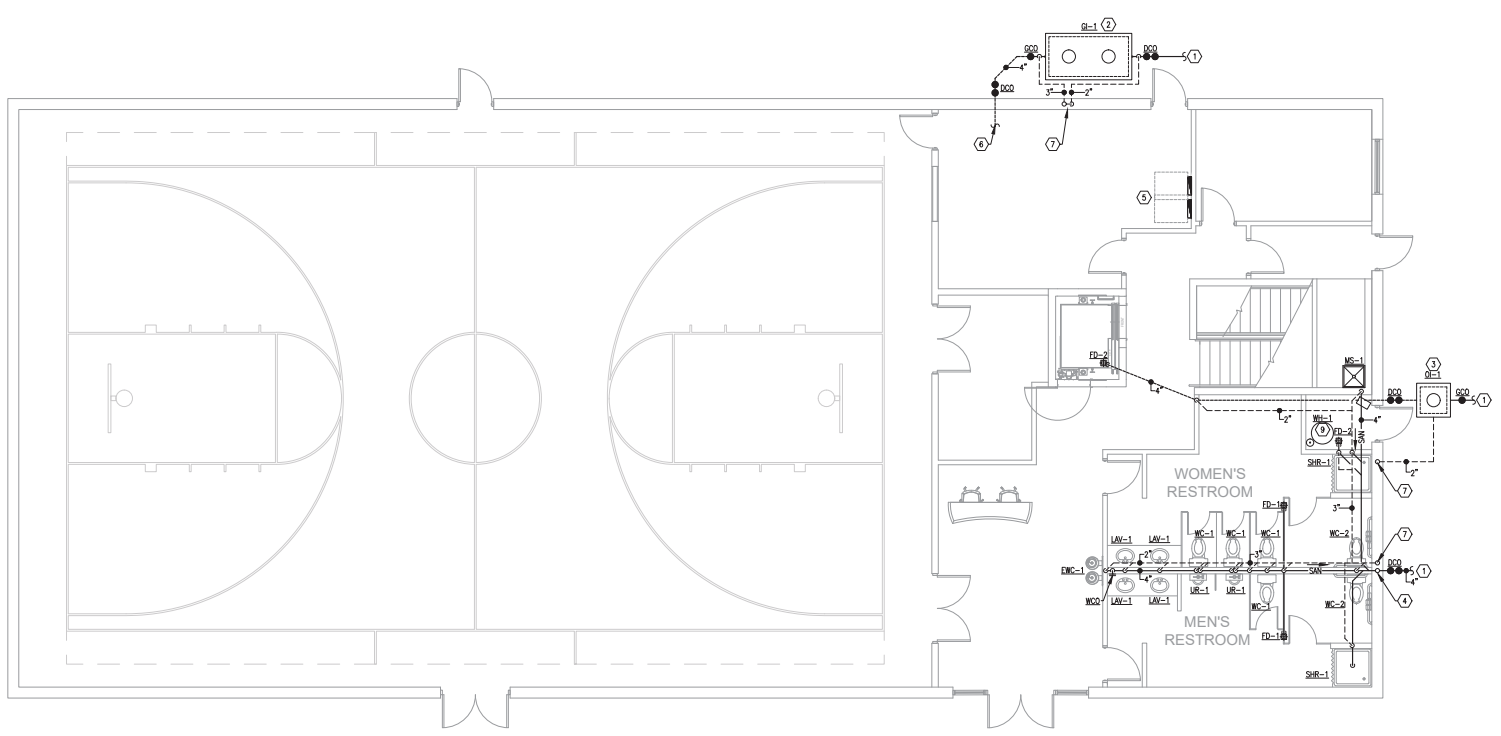
- A. PLUMBING CONTRACTOR SHALL PROVIDE MANUFACTURER'S OPERATION LITERATURE FOR ALL INSTALLED EQUIPMENT AND FIXTURES PRIOR TO THE DATE OF STORE TURNOVER.
- B. ALL EXPOSED PIPING IN PUBLIC AREAS SHALL BE INSTALLED AS TIGHT AS POSSIBLE TO THE WARM SIDE OF THE EXPOSED ROOF STRUCTURE.
- C. THE INSTALLATION OF THE PLUMBING SYSTEMS SHALL BE COORDINATED WITH ALL ELECTRICAL & MECHANICAL EQUIPMENT, STRUCTURAL SLAB & FRAMING. NOTIFY THE OWNER'S REPRESENTATIVE IF ANY REMEDIATION WORK IS REQUIRED WHERE ANY OF THE EXISTING PLUMBING SYSTEMS OR EQUIPMENT IS FOUND TO BE NONOPERABLE.
- D. REFER TO PLUMBING SHEET P2.1 FOR PLUMBING FIXTURE AND EQUIPMENT SCHEDULES INCLUDING SPECIFICATIONS AND ROUGH-IN SIZES.
- E. ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- F. DURING THE PROGRESS OF THE WORK, MAINTAIN AN ACCURATE RECORD OF ALL CHANGES MADE IN THE PLUMBING SYSTEMS. THE RECORD DRAWING SHALL SHOW CHANGES IN MANUFACTURER (WITH NUMBERS AND TRADE NAMES), MATERIALS, SIZES, LOCATIONS AND HOOK-UP POINTS. AS-BUILTS SHALL BE GIVEN TO OWNER'S CONSTRUCTION MANAGER AT COMPLETION OF JOB.

- G. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL DRAIN LINES FROM EQUIPMENT. REFER TO THE ARCHITECTURAL DRAWINGS FOR PROPOSED SIZES AND ROUTING. ALL INDIRECT DRAIN LINES SHALL BE INSTALLED WITH APPROVED AIR GADES.
- H. REFER TO ARCHITECTURAL AND MILLWORK DRAWINGS FOR DETAILS OF COUNTERTOPS, CASEWORK, AND OTHER FIXTURES, SHOWING EXACT LOCATION OF OPENINGS FOR PLUMBING ITEMS BEING INSTALLED. COORDINATE THE COMPLETE INSTALLATION WITH THE GENERAL CONTRACTOR.
- I. CONTRACTOR SHALL PROVIDE: FAUCETS, TRAPS, STOPS, BALL VALVES, BACKFLOW DEVICES FOR KITCHEN EQUIP., GASCOCKS, WATER HAMMER ARRESTORS, CLEANOUT COVERS AND INDIRECT WASTE TO AN APPROVED RECEPTOR AND ALL NECESSARY TRIM FOR A COMPLETELY CONNECTED PLUMBING SYSTEM.
- J. ALL WALL PIPING STUD-OUTS SHALL BE SECURELY TIED TO THE STRUCTURE WITH SUFFICIENT BACKING TO ELIMINATE MOVEMENT. FINAL CONNECTIONS TO KITCHEN SINKS SHALL BE HARD PIPED.
- K. FITCH ALL WASTE AND DRAIN LINES A MINIMUM OF 1/4" PER FOOT IN THE DIRECTION OF FLOW, OR AS REQUIRED BY LOCAL CODE.
- L. ALL OPENINGS IN DWV SYSTEMS RESULTING FROM INSTALLATION ROUGH-IN SHALL BE PROTECTED WITH A TEST PLUG THAT IS SECURELY LOCKED IN PLACE UNTIL FINAL FINISHED CONNECTIONS ARE INSTALLED.
- M. PLUMBING CONTRACTOR TO ARRANGE AND PAY FOR ALL REQUIRED FEES, PERMITS AND MISCELLANEOUS COSTS ASSOCIATED WITH THE PLUMBING WORK PER LOCAL PLUMBING CODES.
- N. ALL PENETRATIONS IN FIRE RATED WALL ASSEMBLIES SHALL BE SEALED WITH UL LISTED FIRE STOPPING MATERIAL.

- O. ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE AND LOCATED AS PER CODE REQUIREMENTS. THE CONTRACTOR SHALL COORDINATE ALL CLEAN OUT LOCATIONS WITH EQUIPMENT, MILLWORK, ETC., PRIOR TO INSTALLATION.
- P. PLUMBING CONTRACTOR SHALL MAINTAIN A REDLINED SET OF "AS BUILT" CONSTRUCTION DRAWINGS AND PROVIDE RECORD COPIES TO THE ARCHITECT PER THEIR SUBMISSION REQUIREMENT TO HOP CORPORATE.
- Q. THE PLUMBING CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS FOR ALL POINTS OF CONNECTION WITH THE GENERAL CONTRACTOR AND OTHER TRADES PRIOR TO START OF WORK.
- R. VERIFY EXACT LOCATIONS, DEPTH AND SIZE OF ALL PIPING TO WHICH CONNECTIONS ARE REQUIRED. COORDINATE ALL CONNECTIONS WITH SITE CONDITIONS AND SITE UTILITY CONTRACTOR/REPRESENTATIVE.
- S. PIPING LAYOUT IS SCHEMATIC ONLY. EXACT ROUTING AND INSTALLATION OF PIPES TO BE COORDINATED WITH THE BUILDING STRUCTURE AND THE WORK OF OTHER CONTRACTORS.
- T. THE PLUMBING CONTRACTOR IS TO PROVIDE ALL ADDITIONAL STEEL HANGER MATERIALS, HOES AND CLAMPS AS REQUIRED FOR COORDINATION WITH WORK OF OTHER TRADES.
- U. CONTRACTOR SHALL PROVIDE: FAUCETS, TRAPS, STOPS, BALL VALVES, BACKFLOW DEVICES FOR KITCHEN EQUIP., GASCOCKS, WATER HAMMER ARRESTORS, CLEANOUT COVERS AND INDIRECT WASTE TO AN APPROVED RECEPTOR AND ALL NECESSARY TRIM FOR A COMPLETELY CONNECTED PLUMBING SYSTEM.

KEYED NOTES

1. REFER TO CIVIL PLANS FOR CONTINUATION OF UNDERGROUND SANITARY WASTE PIPING. COORDINATE PROPOSED ROUTING WITH SITE UTILITIES, GRADING, LANDSCAPING AND CONCRETE WORK.
2. FIELD COORDINATE THE LOCATION AND COMPLETE INSTALLATION FOR THE GREASE INTERCEPTOR. REFER TO DETAIL 11 ON SHEET P3.1.
3. ROUTE VENT UP WALL TO SECOND FLOOR. REFER TO P1.2 FOR CONTINUATION.
4. FIELD COORDINATE THE LOCATION AND COMPLETE INSTALLATION FOR THE OIL INTERCEPTOR. REFER TO DETAIL 12 ON SHEET P3.1.
5. PROPOSED ELECTRICAL PANEL LOCATION NO PIPING SHALL BE INSTALLED ABOVE OR BELOW THE CEILING AT THIS LOCATION. COORDINATE EXACT LOCATIONS PRIOR TO CONSTRUCTION.
6. GENERAL CONTRACTOR TO COORDINATE WITH ARCHITECT FOR LOCATION AND ROUTING OF BREAK ROOM SANITARY AND VENT LATERALS.
7. ROUTE VENT UP WALL TO SECOND FLOOR. REFER TO P1.2 FOR CONTINUATION.
8. 4" SANITARY LINE DOWN FROM SECOND FLOOR. REFER TO SHEET P1.2 FOR CONTINUATION.
9. EXTEND WATER HEATER TAP VALVE DRAIN LEADER (3/4" MN) AND TERMINATE INDIRECTLY AT FLOOR DRAIN. COORDINATE ROUTING IN THE FIELD.



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PLUMBING DWV PLAN - FIRST FLOOR
NEW LIFE WELLNESS CENTER
4338 ELYSIAN FIELDS AVE.
NEW ORLEANS, LA 70122

DATE	DESCRIPTION	BY

SCALE:
AS NOTED

PROJECT NO.
081-01

SHEET NO.

GENERAL NOTES

A. REFER TO SHEET P1.1 FOR ALL GENERAL NOTES.

KEYED NOTES

1. STUB UP SANITARY LINES 1" A.F.F. AND CAP FOR FUTURE USE. GENERAL CONTRACTOR TO COORDINATE WITH ARCHITECT FOR EXACT LOCATION OF FIXTURES PRIOR TO CONSTRUCTION.
2. ROUTE VENT UP TO VTR. COORDINATE ROOF PENETRATION LOCATION WITH OUTDOOR AIR INTAKE OF ROOFTOP EQUIPMENT. MAINTAIN A MINIMUM HORIZONTAL CLEARANCE OF 1'-0".
3. 3" VENT UP FROM FIRST FLOOR. REFER TO P1.1 FOR CONTINUATION.
4. 4" SANITARY LINE DOWN TO FIRST FLOOR. REFER TO P1.1 FOR CONTINUATION.

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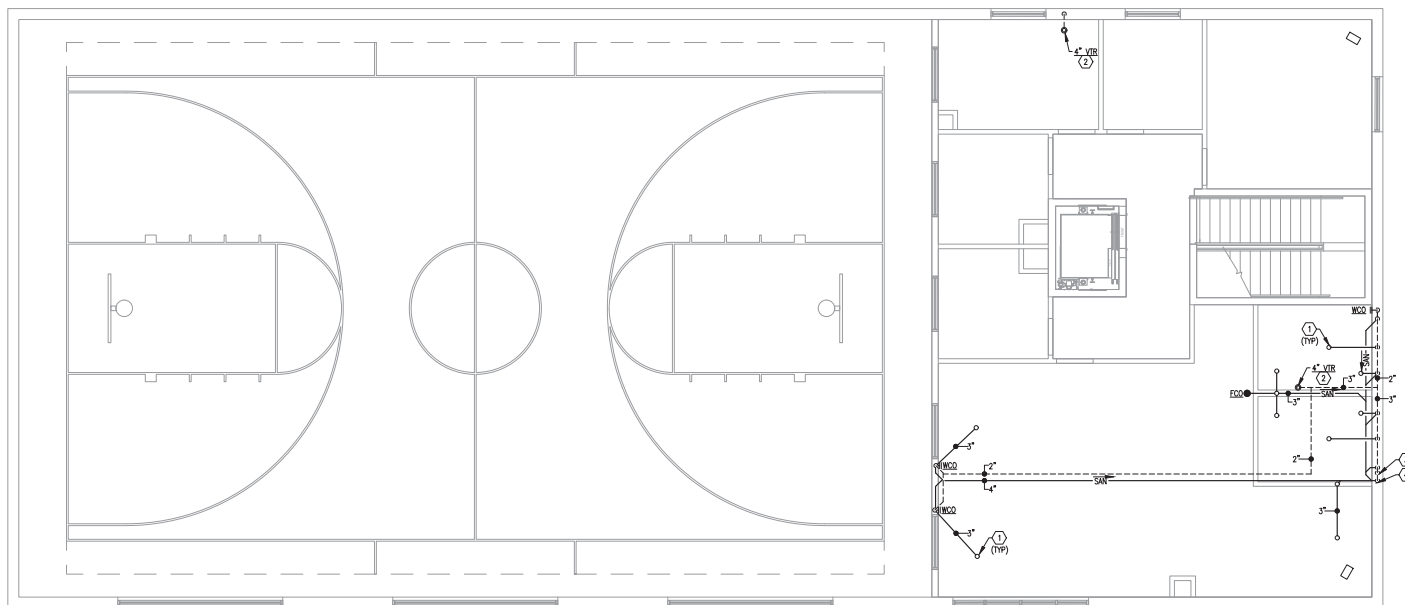


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PLUMBING DWV PLAN - SECOND FLOOR
 NEW LIFE WELLNESS CENTER
 4338 ELYSIAN FIELDS AVE,
 NEW ORLEANS, LA 70122



DATE	DESCRIPTION	BY
	ISSUED FOR PERMIT	

SCALE:
AS NOTED

PROJECT NO.
081-01

SHEET NO.
P1.2

GENERAL NOTES

- A. REFER TO SHEET P1.0 FOR ALL GENERAL NOTES.

KEYED NOTES

1. 1" CW & 1" HW LINES UP FROM FIRST FLOOR. REFER TO P1.1 FOR CONTINUATION.
2. GAS PIPING TO BE ROUTED UP THROUGH ROOF. HVAC ROOF TOP CONNECTION COMPLETE WITH GAS COCK, UNION & 6" UNLT LES.
3. CIP AND SEAL INW & CW PIPING FUTURE USE. PROVIDE WITH SHUT OFF VALVE.
4. ROUTE 3/4" COLD WATER UP WITHIN THE HVAC UNIT CURB AND TERMINATE WITH HOSE BIBB. REFER TO SHEET MEP1.0 FOR PIPING CONTINUATION ON THE ROOF.
5. GAS PIPING DOWN TO METER. REFER TO P1.3 FOR CONTINUATION.
6. GAS PIPING DOWN TO FIRST FLOOR. REFER TO P1.3 FOR CONTINUATION. CONTRACTOR TO VERIFY WITH ARCHITECT FOR DROP DOWN LOCATION PRIOR TO CONSTRUCTION.

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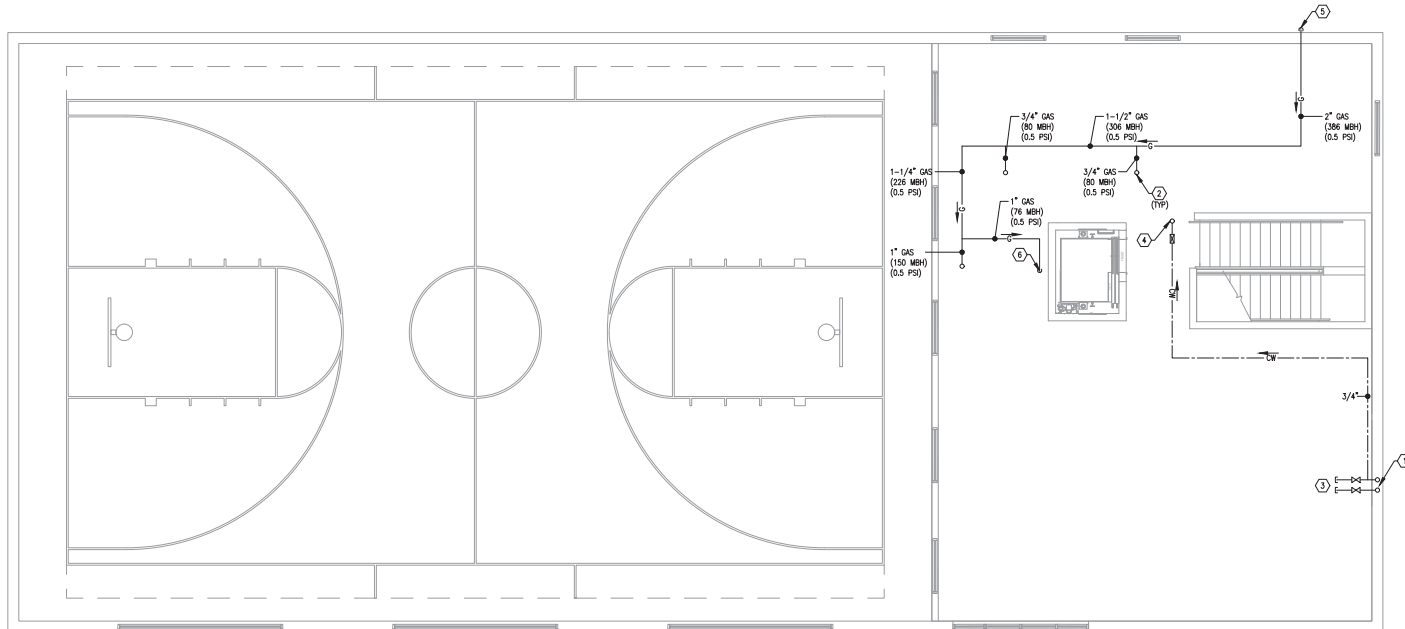
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**PLUMBING WATER & GAS PLAN
 SECOND FLOOR**

NEW LIFE WELLNESS CENTER
 4338 ELYSIAN FIELDS AVE,
 NEW ORLEANS, LA 70122



BT

DESCRIPTION

DATE

SCALE:
 AS NOTED

PROJECT NO.
 081-01

SHEET NO.

PLUMBING FIXTURE SCHEDULE						
MARK	FIXTURE	ROUGH-IN-SIZE				DESCRIPTION/REMARKS
		S/W	V	CW	HW	
WC-1	WATER CLOSET ASSEMBLY	4"	2"	1/2"	-	KOHLER "TRIGLUE" #FC-3669 FLOOR MOUNTED, TANK TYPE, WHITE VITREOUS CHINA WITH 1.28 GPF Siphon Jet Bowl, Bolt Caps, Elongated Open Front Seat (Less Cover) with Check Hinge Stops.
UR-1	URINAL (ADA)	2"	1 1/2"	3/4"	-	KOHLER "RIBBON" #FC-460-ET VITREOUS CHINA WALL HUNG URINAL WITH SLOAN ROVAL #186.05 FLUSH VALVE, 0.5 GPF, WITH "TOP" TAP HOLE WITH 3/4" TAP HOLE WALL CHANGES.
LAV-1	LAVATORY (ADA)	2"	1 1/2"	1/2"	1/2"	KOHLER "TAVOT" #FC-2111-CT 1915 ADA COMPLIANT UNDERMOUNT SINK BOWL WITH FLAESH UNDERSIDE AND CLAMPS, WITHOUT OVERFLOW. FAUCETS: ZURN 281000-AL-3M, 0.5 GPM ADA/IEC SPEC SINGLE CONTROL FAUCET ON 4" CENTERS WITH GRID DRAIN ASSEMBLY. INSTALL COMPLETE WITH TUBERED 1/4" GUNB 2 UNDERDRY PIPING COVERS).
SK-1	SINK (ADA)	2"	1 1/2"	1/2"	1/2"	JUST #FC-40A-2231-4-0R 18 GA. STAINLESS STEEL SELF FINISHING, 3 HOLE, 4" O.C. FUNCH & 6" TAP HOLE. INSTALL COMPLETE WITH #4-ROD POLISHED CHROME FAUCET WITH HOSE, BRASS-SHIRT "COMMERCIAL" ROD SUPPORTS, ANGLE STOPS, CHROME PLATED 170A, CAST BRASS P-TRAP WITH SECURED ESCUTCHION.
MS-1	MOP SINK	3"	2"	3/4"	3/4"	FAT #MS-242A MOP SINK WITH AMERICAN STANDARD #3454.115.002 EXPOSED HOSE WALL MOUNTED SERVICE FAUCET W/ VACUUM BREAKER, INTEGRAL STOPS, REINFORCED POLYESTER RESIN 24 X 24 CORNER MODEL WITH 3" DRAIN OUTLET STAINLESS STEEL CORNER FLASHING.
FD-1	FLOOR DRAIN	3"	2"	1/2"	-	ZURN #415 TYPE "B" STRAINER, 5/8" NICKEL BRONZE GRATE, CAST IRON BODY, CONVERTIBLE MEMBRANE CLAMP, ADJUSTABLE COLLAR, AND TRAP PRIMER CONNECTION.
FD-2	FLOOR DRAIN	4"	2"	-	-	ZURN #415 TYPE "B" STRAINER, 5/8" NICKEL BRONZE GRATE, CAST IRON BODY, CONVERTIBLE MEMBRANE CLAMP, ADJUSTABLE COLLAR.
FO-2	FLOOR CLEANOUT	LINE SIZED	-	-	-	ZURN #1400 ADJUSTABLE FLOOR CLEANOUT, DURABLE COATED CAST IRON BODY, GAS AND WATER TIGHT TAPERED THROUGH PLUG, AND 5/8" ROUND POLISHED NICKEL BRONZE TOP.
WC0	WALL CLEANOUT	LINE SIZED	-	-	-	ZURN #1445 SQUARE WALL CLEANOUT, DURABLE COATED CAST IRON BODY, GAS AND WATER TIGHT TAPERED THROUGH PLUG, AND NICKEL BRONZE SECURED SQUARE, SMOOTH WALL ACCESS COVER AND FRAME.
DD	DOUBLE CLEANOUT	LINE SIZED	-	-	-	ZURN #C0-2448, P/CW CLEANOUT WITH ROUND ADJUSTABLE SCORATED SECURED CAST IRON TOP, GASKET SEAL, CAST IRON FLOOR WITH RECESSED SOCKET, INSTALL IN MIN. OF 12"x12"x4" REINFORCED CONCRETE PAD WITH BEVELED EDGES.
HB-1	HOSE BIBB	-	-	LINE SIZED	-	MFAB MHY-26-3 AUTOMATIC DRAWING FREEZELESS WALL FAUCET ENCLOSED IN A FLUSH MOUNTED WALL BOX WITH ANTI-SIPHON INTEGRAL VACUUM BREAKER AND ROUGH BRASS FINISH. INSTALL BOTTOM OF WALL BOX 20" ABOVE FINISHED GRADE (LINO).
HB-2	HOSE BIBB	-	-	3/4"	-	MFAB MHY-30-3 AUTOMATIC DRAWING WALL FAUCET WITH ANTI-SIPHON INTEGRAL VACUUM BREAKER. INSTALL FUTURE THROUGH CURB BASE OF MECHANICAL ROOFTOP UNIT.
SHR-1	ADA SHOWER	2	1-1/2"	1/2"	1/2"	AQUATIC #3638BFC ADA SHOWER KIT, 1.5 GPM SINGLE LEVER-HANDLE FAUCET WITH 60" BRANDED STAINLESS STEEL FLEXIBLE HOSE, PROVIDE DRAIN (P-1), FINISHED BY THE P.C.

PLUMBING EQUIPMENT SCHEDULE						
MARK	FIXTURE	ROUGH-IN-SIZE				DESCRIPTION/REMARKS
		S/W	V	CW	HW	
WH-1	TANK TYPE WATER HEATER	-	-	1"	1"	AO SMITH #BL-100, LOW NOX NATURAL GAS FIRED TANK TYPE UNIT COMPLETE WITH TAP VALVE, 98 GAL. CAPACITY, 75,100 BTUH INPUT, BOX EFFICIENCY WITH A 81 GPH RECOVERY AT A 90° RISE, PROVIDE HOT AND COLD WATER HEAT TRAP FITTINGS/ RISERS.
ET-1	EXPANSION TANK	-	-	-	-	WATS PE-12 OR EQUAL PRODUCT COMPATIBLE WITH WATER HEATER SYSTEM, FACTORY CHARGED AT 40 PSIG, HEAVY DUTY BULB, ENTPHARM, RIGID POLYPROPYLENE LINE.
RCR-1	RECIRCULATION PUMP	-	-	3/4"	-	GRUNDFOSS #UP15-1067 INLINE HOT WATER OPEN SYSTEM RECIRCULATING PUMP, CAPABLE OF 4.0 GPM (1477) @ 4' HEAD, 1/25 HP, 115W/1PH, INTEGRAL ATTACHED TIMER FOR OPERATION CONTROLS, AND ATTACHED POWER CORD.
TP-1	TRAP PRIMER	-	-	1/2"	-	MFAB INDUSTRIES TRAP PRIMER UNDER LAV, PROVIDE DISTRIBUTION UNIT AS REQUIRED FOR SUPPLY TO MULTIPLE DRAINS. INSTALL VALVE RECESSED IN WALL A MINIMUM 12" AFF, PROVIDE MFAB UN SERIES ACCESS DOOR.
WA-1	WATER HAMMER ARRESTER	-	-	LINE SIZED	-	PPP, INC. SERIES SC, FULLY MECHANICAL WATER HAMMER ARRESTER SIZED AND LOCATED PER THE MANUFACTURER SPECIFICATIONS.
MV-1	MIXING VALVE	-	-	1/2"	1/2"	WATS REGULATOR #LWNY MOUNTED UNDER SINK THERMOSTATIC MIXING VALVE, WITH BRASS BODY AND INTEGRAL MOUNTING HOLES, TAMPER RESISTANT ENCLOSURE, SUPPORTED TO STRUCTURE.
BP-1	BACKFLOW PREVENTER	-	-	LINE SIZED	-	WATS REGULATOR #L007 DOUBLE CHECK VALVE ASSEMBLY. ROOF TOP HOSE BIBB SHALL BE PROTECTED BY AN APPROVED BACKFLOW PREVENTER AND SHALL BE RATED FOR 150 PSI, TWO POSITIVE STOPPING CHECK MODULES WITH CAPTURED SPRINGS AND RUBBER SEAT DISCS. VERIFY APPROVAL WITH UTILITY AND JURISDICTION PRIOR TO INSTALLATION.
BP-2	BACKFLOW PREVENTER	-	-	LINE SIZED	-	WATS REGULATOR SD-3 DUAL CHECK WITH ATMOSPHERIC PORT, WATER SUPPLY TO BEVERAGE FEATURE APPLIANCES, ICE MAKERS, ETC. SHALL BE PROTECTED BY AN APPROVED BACKFLOW PREVENTER AND SHALL BE RATED FOR CONTINUOUS OR INTERMITTENT PRESSURE, STAINLESS STEEL BODY CONSTRUCTION AND ALL RUBBER INTERCOMPONENTS.
OI-1	OIL INTERCEPTOR	-	-	LINE SIZED	-	PARK EQUIPMENT COMPANY PRECAST CONCRETE 100 GALLON OIL INTERCEPTOR. REFER TO P1.1 FOR LOCATION AND LAYOUT RELATIVE TO THE BUILDING.
GI-1	GREASE INTERCEPTOR	-	-	LINE SIZED	-	PARK EQUIPMENT COMPANY PRECAST CONCRETE 500 GALLON GREASE INTERCEPTOR. REFER TO P1.1 FOR LOCATION AND LAYOUT RELATIVE TO THE BUILDING.

PIPING MATERIAL SCHEDULE	
1. WATER PIPE (ABOVE GROUND)	UPONOR CROSSLINKED POLYETHYLENE (PE-X) PIPING MEETING ASTM F 877, SDR 9 STANDARDS WITH MANUFACTURER'S RECOMMENDATIONS AND SHALL NOT BE INSTALLED WHERE IT IS EXPOSED TO SUNLIGHT. FIELD COORDINATE THE INSTALLATION OF MANUFACTURED PIPING COLOR AND PIPING LENGTHS TO RUN AS STRAIGHT AS POSSIBLE. FITTING (F) = PIPING SUPPORTS. ALL PIPING AND FITTINGS SHALL BE BY THE SAME MANUFACTURER.
2. WATER PIPE (BELOW GROUND)	UPONOR CROSSLINKED POLYETHYLENE (PE-X) PIPING MEETING ASTM F 877, SDR 9 STANDARDS. NO JOINTS OR FITTINGS SHALL BE INSTALLED BELOW THE FINISHED SLAB. FIELD COORDINATE THE INSTALLATION OF MANUFACTURED PIPING COLOR AND PIPING LENGTHS TO RUN AS STRAIGHT AS POSSIBLE. ALL PIPING AND FITTINGS SHALL BE BY THE SAME MANUFACTURER.
3. WATER PIPE (INSULATION)	BOTH HOT AND COLD WATER PIPING SHALL BE INSTALLED COMPLETE WITH INSULATION EITHER IN CONCEALED OR EXPOSED LOCATIONS. REFER TO GENERAL NOTES FOR INSULATION THICKNESS INFORMATION.
4. SEWER AND VENT PIPE (ABOVE AND BELOW GRADE)	DWV SCHEDULE 40 POLYVINYL CHLORIDE (PVC) PIPING. ABOVE BUILDING SERVICE WEIGHT (HUBLESS) CAST IRON SOIL PIPE AND STAINLESS STEEL NO HUB COUPLINGS SHALL BE UTILIZED FOR THE FIRST 10'-0" OF PIPING EXCEEDING DISCHARGE FROM A DOWNCHARGER.
5. CONDENSATE DRAIN PIPE AND INDOOR DRAINAGE PIPE (INTERIOR TO BUILDING)	TYPE "M" COPPER WITH 90/5 SILVER SOLDER JOINT FITTINGS. INSULATE CONDENSATE PIPING WITH 1/2" THICK INSULATION WITH INSULATION WITH SELF SEALING ADHESIVE JOINTS, OR EQUIVALENT.
6. CONDENSATE DRAIN PIPE (EXTERIOR TO BUILDING)	TYPE "M" COPPER WITH 90/5 SILVER SOLDER JOINT FITTINGS.
7. GAS PIPE	GAS PIPE - SCHEDULE 40 BLACK STEEL WITH MALLEABLE IRON FITTINGS, WELDED JOINTS FOR PIPE 2 1/2" AND LARGER AND ALL JOINTS BELOW GRADE. EXTERIOR GAS PIPING AT THE METER ASSEMBLY SHALL BE FIELD PAINTED MISSISSIPPI BRONZE, GAS PIPING CODE WITH LOCAL AMENDMENTS AND THE LATEST EDITION OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASSE 1010) ZINC RICH GALVANIZED YELLOW PAINT FOR CORROSION PROTECTION. GAS PIPING INTERIOR TO THE BUILDING SHALL BE MECHANICALLY PAINTED YELLOW.
8. SUSPENDED PIPING SUPPORT	SUPPORT PIPING WITH CEILING OR SPLIT RING PIPE TYPE "H" HANGERS 3/8" ALL THREAD ROD AND BRASS CLAMPS. "FLUMBERS TAPE AND WIRE" NOT PERMITTED.

HOT WATER DEMAND			
ITEM	QTY.	GPH	TOTAL GPH
LAVATORY	2	5	10
KITCHEN SINK	1	10	10
SHOWER	4	15	60
MOP SINK	1	15	15
TOTAL			215

HOT WATER CALCULATIONS:

PEAK DEMAND

- 215 GPH (PEAK DEMAND) X 0.40 (DEMAND FACTOR) = 86 GPH
- 2.86 GPH (DEMAND) X 1.0 (STORAGE FACTOR) = 86 GALS.
- 3.215 GPH (PEAK DEMAND) / 60 MIN/HR = 3.58 GPM
- 5.00T DOMESTIC SUPPLY WATER TEMPERATURE.
- 120T DESIGN SUPPLY HOT WATER FOR KITCHEN.
- 500 GPM X 0.1 = MIN. OUTPUT BTUH REQUIRED AT WATER HEATER. (500)(1.43)(90) = 64,350 BTUH.

PROBABLE DEMAND

- 86 GPH (PROBABLE DEMAND) X 0.40 (DEMAND FACTOR) = 34.4 GPH.
- 34.4 GPH (DEMAND) X 1.0 (STORAGE FACTOR) = 34.4 GALS.
- 86 GPH (PROBABLE DEMAND) / 60 MIN/HR = 1.43 GPM
- 5.00T DOMESTIC SUPPLY WATER TEMPERATURE.
- 120T DESIGN SUPPLY HOT WATER FOR KITCHEN.
- 500 GPM X 1 = MIN. OUTPUT BTUH REQUIRED AT WATER HEATER. (500)(1.43)(90) = 64,350 BTUH.

GAS DEMAND LOAD SCHEDULE				
NO.	DESCRIPTION	CONN. SIZE	QTY.	INPUT (MBH/TA) TOTAL (MBH)
RU-1	ROOF TOP UNIT	3/4"	1	80
RU-2	ROOF TOP UNIT	3/4"	1	80
RU-3	ROOF TOP UNIT	1"	1	150
WH-1	WATER HEATER	1"	1	76
COOKING APPLIANCE SUB-TOTAL				
WATER HEATING SUB-TOTAL				
HWAC SUB-TOTAL				
MECH. SUB-TOTAL				
GAS DEMAND TOTAL (MBH)				
GAS DEMAND TOTAL (CFH)				
GAS DEMAND TOTAL (BTUH)				

NOTES:

- THE ACTUAL LENGTH FROM THE METER TO THE MOST REMOTE APPLIANCE CONNECTION IS 135'-00" THE SYSTEM IS SIZED FOR A TOTAL DEVELOPED LENGTH OF MAXIMUM 200'-0".
- THE SERVICE TO THE BUILDING SHALL BE INSTALLED AS LOW PRESSURE SUPPLY (NET PRESSURE OF 0.5 PSIG).
- PIPE SIZES SHOWN ON THE RISER DIAGRAM ARE BASED ON 2018 INTERNATIONAL FUEL GAS CODE, WITH LOCAL AMENDMENTS, TABLE 402.4(2) FOR NATURAL GAS. VERIFY FIELD CONDITIONS FOR ACTUAL DEVELOPED LENGTH AND POSSIBLE ADJUSTMENTS TO PIPE SIZES.
- THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY FOR THE PROVISION OF THE COMPLETE METER ASSEMBLY INCLUDING REGULATOR AND VENTING REQUIREMENTS.

PLUMBING LEGEND		
SYMBOL	ABBREV.	DESCRIPTION
---	S OR W	SOIL OR WASTE (BELOW GRADE)
GW	GW	GREASE WASTE
V	V	VENT
CD	CD	CONDENSATE DRAIN
ST	ST	STAIN DRAIN
CR	CR	COLD WATER
FW	FW	FILTERED WATER
SW	SW	SOFTENED WATER
FSW	FSW	FIRE SERVICE WATER
HW	HW	HOT WATER
HWR	HWR	HOT WATER RETURN
RO	RO	REVERSE OSMOSIS WATER
S	S	GAS, NATURAL OR PROPANE
UP	UP	PIPE UP
DL	DL	TEE DOWN
DP	DP	PIPE DOWN
FD	FD	FLOOR CLEANOUT
DCO	DCO	DOUBLE CLEANOUT
C	C	CLEANOUT, WALL OR PIPE
SOV	SOV	SHUT-OFF VALVE
NOV	NOV	SHUT-OFF VALVE, NORMALLY OPEN
NSOV	NSOV	SHUT-OFF VALVE, NORMALLY CLOSED
C.V.	C.V.	CHECK VALVE
B.V.	B.V.	BLIND VALVE
U	U	UNION
P.V.	P.V.	MECHANICAL PLUG VALVE (GAS)
SOV	SOV	SHUT-OFF COCK (GAS)
EAV	EAV	EXTRINSICALLY ACTUATED AUTOMATIC VALVE (GAS)
S.V.	S.V.	ELECTRIC SOLENOID VALVE (GAS)
P.R.	P.R.	PRESSURE REGULATOR (GAS)
POC	POC	POINT OF CONNECTION
TAP	TAP	TEMPERATURE & PRESSURE RELIEF VALVE
VR	VR	VENT TO ROOF
HD	HD	HUB DRAIN
FD	FD	FLOOR DRAIN (COORDINATE GRADE REGS)
FS	FS	FLOOR SINK (COORDINATE GRADE REGS)
RP	RP	RECIRCULATION PUMP
HB	HB	HOSE BIBB
KEC	KEC	KITCHEN EQUIPMENT CONTRACTOR
BTUH	BTUH	BRITISH THERMAL UNITS PER HOUR
MBH	MBH	MBH X 1000
CFH	CFH	CUBIC FEET PER HOUR (1 MBH = 1 CFH)
(E)	(E)	EXISTING
LE	LE	INTERIOR ELEVATION
CONN	CONN	CONNECTION
FU	FU	FUTURE UNITS
GPM	GPM	GALLONS PER MINUTE
GPH	GPH	GALLONS PER HOUR
HP	HP	HORSEPOWER
PSI	PSI	POUNDS PER SQUARE INCH
AP	AP	ACCESS PANEL
W/	W/	WITH
FLR	FLR	FLOOR
CLG	CLG	CEILING
ABV	ABV	ABOVE
BELOW	BELOW	BELOW
UG	UG	UNDERGROUND
DN	DN	DOWN
CONT.	CONT.	CONTINUE
TPP.	TPP.	TYPICAL
FOH	FOH	FRONT OF HOUSE
BOH	BOH	BACK OF HOUSE
ADA	ADA	AMERICAN DISABILITIES ACT
A.F.F.	A.F.F.	AS FINE FINISH FLOOR
B.F.F.	B.F.F.	BELOW FINISH FLOOR

BACKFLOW DEVICE SCHEDULE		
ITEM/ FIXTURE	EQUIPMENT #	BACKFLOW DEVICE
ROOF HOSE BIBB	-	BEF-1
COFFEE MACHINE(S)	-	BEF-2
SERVICE SINK	-	INTEGRAL
HOSE BIBB(S)	-	-

PLUMBING GENERAL NOTES	
1.	NOTE: FOR THE PURPOSE OF CLEARANCE AND LEGIBILITY, THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND AT VARIOUS SIZES AND LOCATIONS OF EQUIPMENT ARE DRAWN TO SCALE. WHEREVER POSSIBLE, THE CONTRACTOR SHALL MAKE USE OF ALL DATA IN ALL THE CONTRACT DOCUMENTS AND VERIFY THIS INFORMATION PRIOR TO ORDERING, FABRICATING OR INSTALLING ANY MATERIALS.
2.	THE PLUMBING SYSTEM DESIGN, INSTALLATION AND MATERIALS SHALL CONFORM TO ALL FEDERAL, STATE AND LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.
3.	PLUMBING QUALITY, WEIGHTS OF MATERIALS AND ALTERNATE METHODS OF CONSTRUCTION SHALL CONFORM TO THE 2015 INTERNATIONAL PLUMBING CODE WITH LOCAL AMENDMENTS.
4.	CONTRACTOR SHALL COORDINATE ALL WORK SHOWN ON THESE DRAWINGS AND SPECIFICATIONS WITH ALL DISCIPLINES AND TRADES PRIOR TO SUBMITTAL OF BID AND INSTALLATION OF SYSTEM.
5.	CONTRACTOR SHALL MAKE ALL ARRANGEMENTS WITH UTILITY COMPANIES FOR SERVICE AND CONNECTIONS AND SHALL PAY FOR ALL FEES, CHARGES, PERMITS AND METERS.
6.	THE PLUMBING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND LABOR (INCLUDING THE COMPLETE PLUMBING SYSTEM) FOR A PERIOD OF ONE YEAR FROM WRITTEN ACCEPTANCE BY THE TENANT. ANY DEFECTS IN MATERIALS AND/OR LABOR FOUND WITHIN THE GUARANTEE PERIOD SHALL BE REPAIRED OR REPERFORMED BY THIS CONTRACTOR IN A TIMELY FASHION, AT NO COST TO THE TENANT.
7.	ALL PLUMBING FIXTURE LOCATIONS (WATER CLOSETS, LAVATORIES, ETC.) ARE DIAGRAMMATIC. CONTRACTOR SHALL REFER TO FOOD SERVICE AND ARCHITECTURAL DRAWINGS FOR EXACT PLACEMENT AND MOUNTING HEIGHTS.
8.	ANY DEVIATIONS FROM THE DRAWINGS OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO INSTALLATION.
9.	CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTAL OF BID AND FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS. SUBMITTAL OF BID WILL VERIFY THAT THE CONTRACTOR HAS VISITED THE SITE.
10.	PIPING SHALL BE INSTALLED PARALLEL TO BUILDING LINES AND SUPPORTED AND ANCHORED AS REQUIRED TO FACILITATE EXPANSION AND CONTRACTION. THE INSTALLATION SHALL MEET ALL CONSTRUCTION CONDITIONS AND ALLOW FOR THE INSTALLATION OF OTHER TRADES.
11.	TRAP PRIMERS FOR FLOOR DRAINS AND FLOOR SINKS AND WATER HAMMER ARRESTERS ARE TO BE INSTALLED AS PER THE 2015 INTERNATIONAL PLUMBING CODE WITH LOCAL AMENDMENTS AND THE LATEST EDITION OF THE AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE 1010) SIZING AND INSTALLATION REQUIREMENTS.
12.	ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTERS AND OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
13.	ALL WATER PIPING TO BE INSTALLED AS PER THE 2015 INTERNATIONAL PLUMBING CODE WITH LOCAL AMENDMENT REQUIREMENTS: PIPE SIZE INSULATION THICKNESS INSULATION VALUE 1/2" thru 1 1/4" R = 4.0 1-1/2" thru 2" R = 6.0
14.	ALL ITEMS PROJECTING THROUGH THE ROOF SHALL BE FLASHED THROUGH CURBS OR PIPE SEALS A MINIMUM OF 12" ABOVE THE ROOF. THE PIPE CURBS AND SEALS SHALL BE INSTALLED BY THE ROOFING CONTRACTOR. ENSURE THAT ALL PARALLEL BOOT OPENINGS ARE PROVIDED TO ACCOMMODATE ANY ROOFING CONTRACTOR PENETRATIONS REQUIRED FOR POWER.
15.	ALL WATER PIPING TO BE INSTALLED AS PER THE 2015 INTERNATIONAL PLUMBING CODE WITH LOCAL AMENDMENT REQUIREMENTS: PIPE SIZE INSULATION THICKNESS INSULATION VALUE 1/2" thru 1 1/4" R = 4.0 1-1/2" thru 2" R = 6.0
16.	CONTRACTOR SHALL PROVIDE FAUCETS, TRAPS, STOPS, BALL VALVES, BACKFLOW DEVICES FOR KITCHEN EQUIP, GASOLINE WATER HAMMER ARRESTORS, CLEANOUT COVERS AND INDOOR WASTE TO AN APPROVED REPAIRER AND ALL NECESSARY TRIM FOR A COMPLETELY CONNECTED PLUMBING SYSTEM.
17.	ALL CLEANOUTS SHALL BE INSTALLED WHERE REASILY ACCESSIBLE AND LOCATED AS PER CODE REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE CLEANOUT AND CLEAN OUT LOCATIONS WITH EQUIPMENT, TELLER, ETC. PRIOR TO INSTALLATION.
18.	ALL PLUMBING FIXTURE VENTS, MINIMUM OF 12" INCHES FROM ANY VERTICAL SURFACE AND 10'-0" FROM OR 3'-0" ABOVE ANY MECHANICAL EQUIPMENT OUTSIDE AIR INTAKE.
19.	ALL VALVES, UNIONS, ETC. BE SAME SIZE AS CONNECTED SUPPLY LINE UNLESS OTHERWISE NOTED ON DRAWINGS.
20.	UNIONS SHALL BE PROVIDED AND INSTALLED AFTER EACH SCREW-TYPE VALVE AND PRIOR TO EQUIPMENT CONNECTIONS.
21.	ALL UNDERGROUND METALLIC PIPE AND FITTINGS SHALL BE PROTECTED IN ACCORDANCE WITH THE SOILS ENGINEER'S RECOMMENDATIONS.
22.	NO PIPING SHALL BE DIRECTLY EMBEDDED IN CONCRETE, MASONRY WALLS, OR CONCRETE FOOTINGS.
23.	THE PLUMBING CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS FOR ALL POINTS OF CONNECTION WITH THE GENERAL CONTRACTOR AND OTHER TRADES PRIOR TO START OF WORK.
24.	VERIFY EXISTING LOCATIONS, DEPTH AND SIZE OF ALL PIPING TO WHICH CONNECTIONS ARE REQUIRED. COORDINATE ALL CONNECTIONS WITH SITE CONDITIONS AND SITE UTILITY CONTRACTOR/ REPRESENTATIVE.
25.	ALL HORIZONTAL PIPING LINES EXTENDED AND CONNECTED TO EQUIPMENT SHALL BE RUN AT THE HIGHEST POSSIBLE ELEVATIONS AND NOT LESS THAN 6" ABOVE THE FLOOR TO PROVIDE CLEARANCE FOR CLEANING.
26.	ALL CUTTING OF EXISTING PIPING, WALLS AND/OR FLOORS SHALL UTILIZE MACHINE SHAW CUTTING EQUIPMENT. HOLES FOR PIPES IN CONCRETE WALLS OR FLOORS SHALL UTILIZE CORE DRILLING EQUIPMENT, COORDINATE WITH ARCHITECTURE. DETAILS FOR FLOOR CUTTING AND PATCHING.
27.	THE PLUMBING CONTRACTOR IS TO PROVIDE ALL ADDITIONAL STEEL HANGAR MATERIALS, RODS AND CLAMPS AS REQUIRED FOR COORDINATION WITH WORK OF OTHER TRADES.
28.	PIPING LAYOUT IS SCHEMATIC ONLY. EXIST ROUTING AND INSTALLATION OF PIPES TO BE COORDINATED WITH THE BUILDING STRUCTURE AND THE WORK OF OTHER CONTRACTORS. NO WATER OR DRAIN LINES ARE PERMITTED TO BE INSTALLED OVER OR UNDER ELECTRICAL PANELS.
29.	NO LIQUID TRANSMISSION PLUMBING PIPING SHALL BE INSTALLED ABOVE ELECTRICAL SWITCH GEAR EQUIPMENT, OR PANELS. MAKE ADJUSTMENTS NECESSARY TO REMOVE PIPING FOR ACTUAL INSTALLATION OF ELECTRICAL EQUIPMENT.
30.	WHEREVER FOUNDATION WALLS, EXTERIOR WALLS, ROOFS, ETC. ARE PENETRATED FOR THE INSTALLATION OF PLUMBING SYSTEMS, THEY SHALL BE PATCHED TO MATCH EXISTING CONSTRUCTION AND SEALED WEATHER TIGHT.
31.	ANY EXPOSED PIPING IN THE GUEST AREAS SHALL BE PAINTED TO MATCH THE WALL COLOR. ANY EXPOSED GAS PIPING IN THE KITCHEN SHALL BE PAINTED WHITE.
32.	PLUMBING CONTRACTOR SHALL BE ON SITE AND PRESENT AT THE DATE OF STORE TURNOVER.
33.	DURING THE PROGRESS OF THE WORK, MAINTAIN AN ACCURATE RECORD OF ALL CHANGES MADE IN THE PLUMBING SYSTEMS. THE RECORD DRAWING SHALL SHOW CHANGES IN MANUFACTURER (WITH NUMBERS AND TRADE NAMES), MATERIALS, SIZES, LOCATIONS AND HOOK-UP POINTS. AS-BUILTS SHALL BE GIVEN TO OWNER'S CONTRACTOR MANAGER AT COMPLETION OF JOB.
34.	UPON COMPLETION OF JOB, THIS CONTRACTOR SHALL INSPECT ALL EXPOSED PORTIONS OF THE PLUMBING INSTALLATION AND COMPLETELY REMOVE ALL EXPOSED LABELS, SOIL, MARKINGS AND FOREIGN MATERIAL EXCEPT PRODUCT LABELS AND THOSE REQUIRED BY LAW.
35.	PLUMBING CONTRACTOR SHALL PROVIDE MANUFACTURER'S OPERATION LITERATURE FOR ALL INSTALLED EQUIPMENT AND FIXTURES AT THE DATE OF STORE TURNOVER.
36.	ALL PENETRATIONS IN FIRE RATED WALL ASSEMBLIES SHALL BE SEALED WITH UL LISTED FIRE STOPPING MATERIAL.

DRAWN BY:
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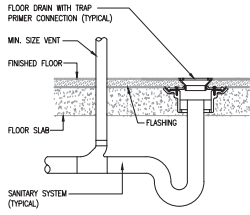
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02/01/2021	ISSUE FOR PERMIT	

SCALE:
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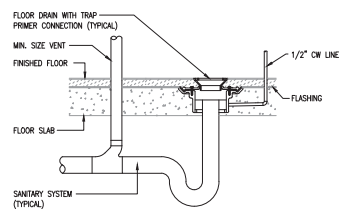
PROJECT NO.
081-01

SHEET NO.
P2.1

FLOOR DRAIN

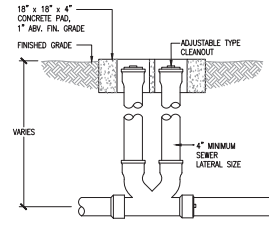


FLOOR DRAIN (RESTROOM)

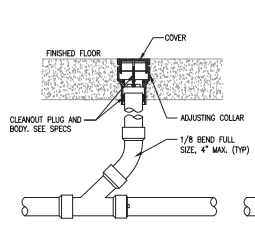


DRAIN DETAILS
SCALE: NONE 1

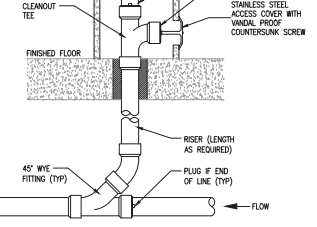
DOUBLE CLEANOUT



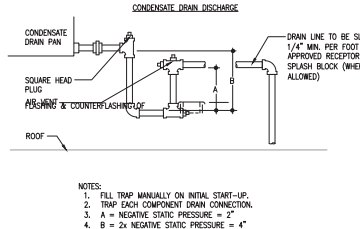
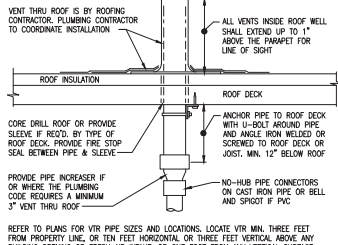
FLOOR CLEANOUT



WALL CLEANOUT

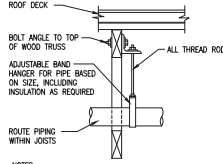


CLEANOUT DETAILS
SCALE: NONE 2



- NOTES:
1. FILL TRAP MANUALLY ON INITIAL START-UP.
 2. TRAP EACH COMPONENT DRAIN CONNECTION.
 3. A = NEGATIVE STATIC PRESSURE = 2"
 4. B = 2x NEGATIVE STATIC PRESSURE = 4"

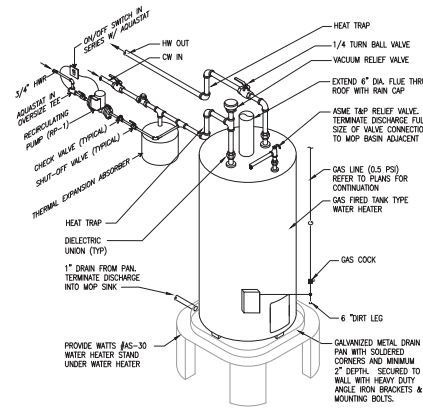
DRAIN DETAILS
SCALE: NONE 1



PIPE SIZE	FEED-IN HANGER SPACING	COTTER PIN HANGER SPACING	PIPE HANGER SPACING	PVC PIPE HANGER SPACING
1/2"	32"	5"	7"	4"
3/4"	32"	5"	7"	4"
1"	32"	6"	7"	4"
1-1/4"	32"	7"	8"	5"
2"	32"	8"	10"	5"
2-1/2"	32"	10"	11"	6"
3"	32"	11"	12"	6"

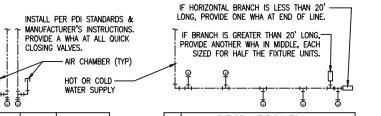
- NOTES:
1. PROVIDE UPPER ATTACHMENT AS REQUIRED FOR CASES NOT SHOWN HERE. DO NOT INSTALL HANGER INSIDE INSULATION OR OTHERWISE PENETRATE VAPOR BARRIER. DO NOT HANG ONE PIPE FROM ANOTHER EXCEPT IN CHASES. SLOPE ALL WATER PIPING SLIGHTLY TOWARD DRAINABLE LOCATIONS.
 2. HANGER SPACING FOR PIPE SIZES AS INDICATED ON TABLE. CAST IRON 10' AND WITHIN 1'-0" OF ALL JOISTS. ROD SIZES FOR PIPE SIZE 2" AND SMALLER-3/8", 2 1/2" TO 3"-1/2". LOCATE HANGERS WITHIN 1'-0" OF VALVES AND FITTINGS. PROVIDE SUPPLEMENTARY STEEL STRUTS BETWEEN JOISTS IF REQUIRED. LOCATE HANGERS WITHIN 1'-0" OF EQUIPMENT CONNECTIONS. ANCHOR WATER PIPE AGAINST SWING DUE TO CHANGES IN WATER VELOCITY.
 3. CHAINS AND PERFORATED STRAP IRON AND STEEL ARE NOT ACCEPTABLE. DO NOT SUSPEND PIPE FROM JOIST BRACKETS. REFER TO CODE AND SPECIFICATIONS FOR FURTHER INFORMATION. PROVIDE SECURE HANGER F/AS REQUIRED BY LOCAL AUTHORITIES. TRAPEZE HANGERS MAY BE USED FOR MULTIPLE PARALLEL PIPES. SEE "TRAPEZE PIPE HANGER DETAIL."
 4. FOR F2-3 PIPING, INSTALLED WITH THE MANUFACTURER AVAILABLE Z36 GALVANIZED METAL PIPE SUPPORT FOR STRAIGHTER RUNS OF INSTALLED PIPING, THE HANGER SPACING MAY INCREASE AS FOLLOWS: 3/4" AND SMALLER = 6'-0" O.C., 1" TO 2" = 8'-0".

TRUSS PIPE HANGER DETAIL
SCALE: NONE 8



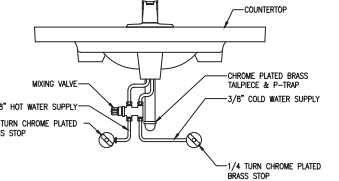
WATER HEATER DETAIL
SCALE: NONE 9

VENT THRU ROOF DETAIL



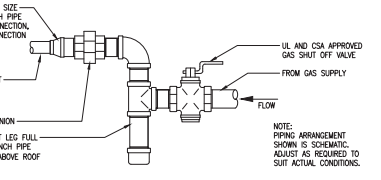
FIXTURE UNIT TABULATION	COLD		HOT	
	VALVE	WATER CLOSET	10	---
TANK WATER CLOSET	5	---		
URINAL	5	---		
LAVATORY/SINK	1.5	1.5		
JANITOR'S SINK	3	3		
SHOWER/BATHUB	2	2		

HVAC CONDENSATE CONNECTION DETAIL



HVAC CONDENSATE CONNECTION DETAIL
SCALE: NONE 4

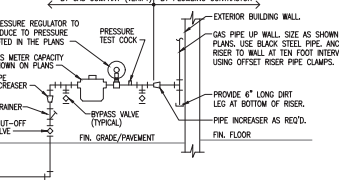
WATER HAMMER ARRESTOR DETAIL



- NOTE:
1. PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST AS REQUIRED TO SUIT ACTUAL CONDITIONS.
 2. PIPING SHALL BE INSTALLED TO AVOID INTERFERENCE WITH MAINTENANCE ACCESS DOORS.

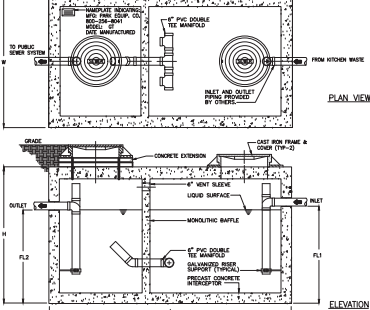
HVAC GAS CONNECTION DETAIL
SCALE: NONE 10

LAVATORY TEMPERING VALVE DETAIL



- NOTE:
1. VERIFY REQUIREMENTS FOR METERING AND PIPING WITH GAS COMPANY. INSTALL OTHER UTILITIES A MINIMUM OF 12'-0" FROM GAS LINE. PLUMBING CONTRACTOR SHALL PAY ALL GAS COMPANY FEES FOR INSTALLATION. USE WELDED OR SCREWED PIPE AND FITTINGS PER PLUMBING SPECS. GAS COMPANY SHALL EXCAVATE, BACKFILL AND REPAIR ANY PAVING OR SOO FOR GAS SERVICE LINE INSTALLATION FROM MAIN TO BUILDING.

GAS SERVICE CONNECTION
SCALE: NONE 11



GREASE TRAP SCHEDULE

MODEL	CAPACITY (GALLONS)	HEIGHT (INCHES)	INLET (INCHES)	OUTLET (INCHES)	INLET (INCHES)	OUTLET (INCHES)
GT-100	100	18	2	2	2	2
GT-150	150	24	2	2	2	2
GT-200	200	30	2	2	2	2
GT-250	250	36	2	2	2	2
GT-300	300	42	2	2	2	2
GT-350	350	48	2	2	2	2
GT-400	400	54	2	2	2	2
GT-450	450	60	2	2	2	2
GT-500	500	66	2	2	2	2
GT-550	550	72	2	2	2	2
GT-600	600	78	2	2	2	2
GT-650	650	84	2	2	2	2
GT-700	700	90	2	2	2	2
GT-750	750	96	2	2	2	2
GT-800	800	102	2	2	2	2
GT-850	850	108	2	2	2	2
GT-900	900	114	2	2	2	2
GT-950	950	120	2	2	2	2
GT-1000	1000	126	2	2	2	2

Specifications

CONCRETE: 3000 psi concrete with 40% strength of mortar, 40-60 mesh, 1/2" max. size of aggregate with maximum 10% to 12% moisture. Reinforced with 1/2" diameter steel bars spaced 12" on center. Finish with 1/2" sand. Cure for 7 days before use.

REINFORCEMENT: 3000 psi concrete with 40% strength of mortar, 40-60 mesh, 1/2" max. size of aggregate with maximum 10% to 12% moisture. Reinforced with 1/2" diameter steel bars spaced 12" on center. Finish with 1/2" sand. Cure for 7 days before use.

C.A. CASTINGS: 3000 psi concrete with 40% strength of mortar, 40-60 mesh, 1/2" max. size of aggregate with maximum 10% to 12% moisture. Reinforced with 1/2" diameter steel bars spaced 12" on center. Finish with 1/2" sand. Cure for 7 days before use.

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PARK
"Expect the Best!"

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FAX (713) 837-4234
WATS (800) 256-8041

GREASE TRAP SERIES GT
800 THRU 4000 GALLON CAPACITY

DRAWN BY:
CHECKED BY:

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PHONE 504-794-1255
DANIEL@P-DESIGNS.CO

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PLUMBING DETAILS

NEW LIFE WELLNESS CENTER
4338 ELYSIAN FIELDS AVE.
NEW ORLEANS, LA 70122

DATE: _____

DESCRIPTION: _____

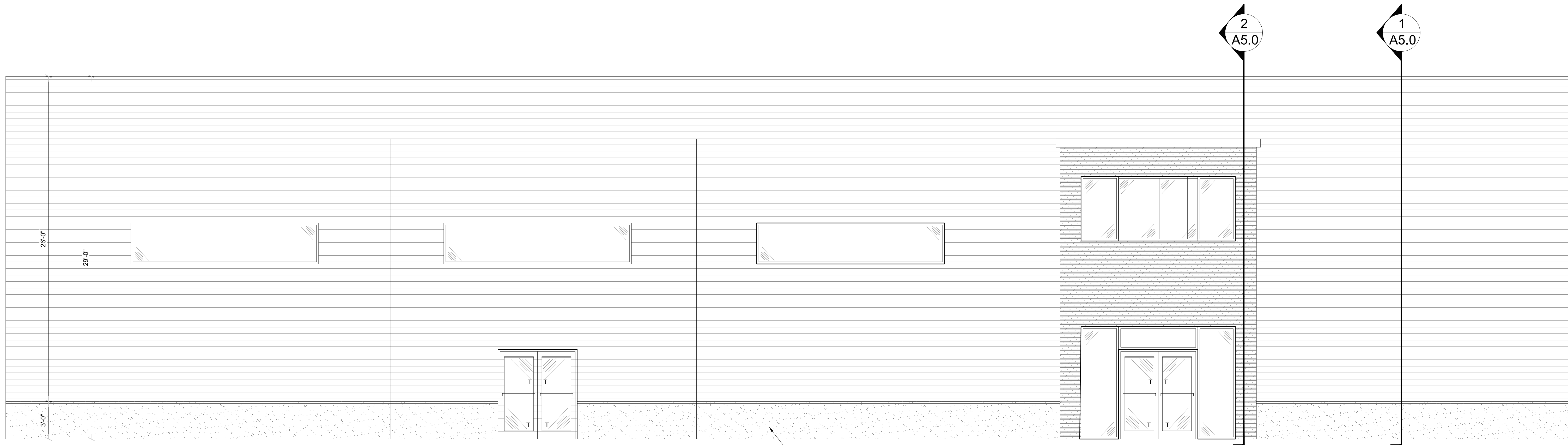
SCALE: AS NOTED

PROJECT NO. 081-01

SHEET NO. P3.1



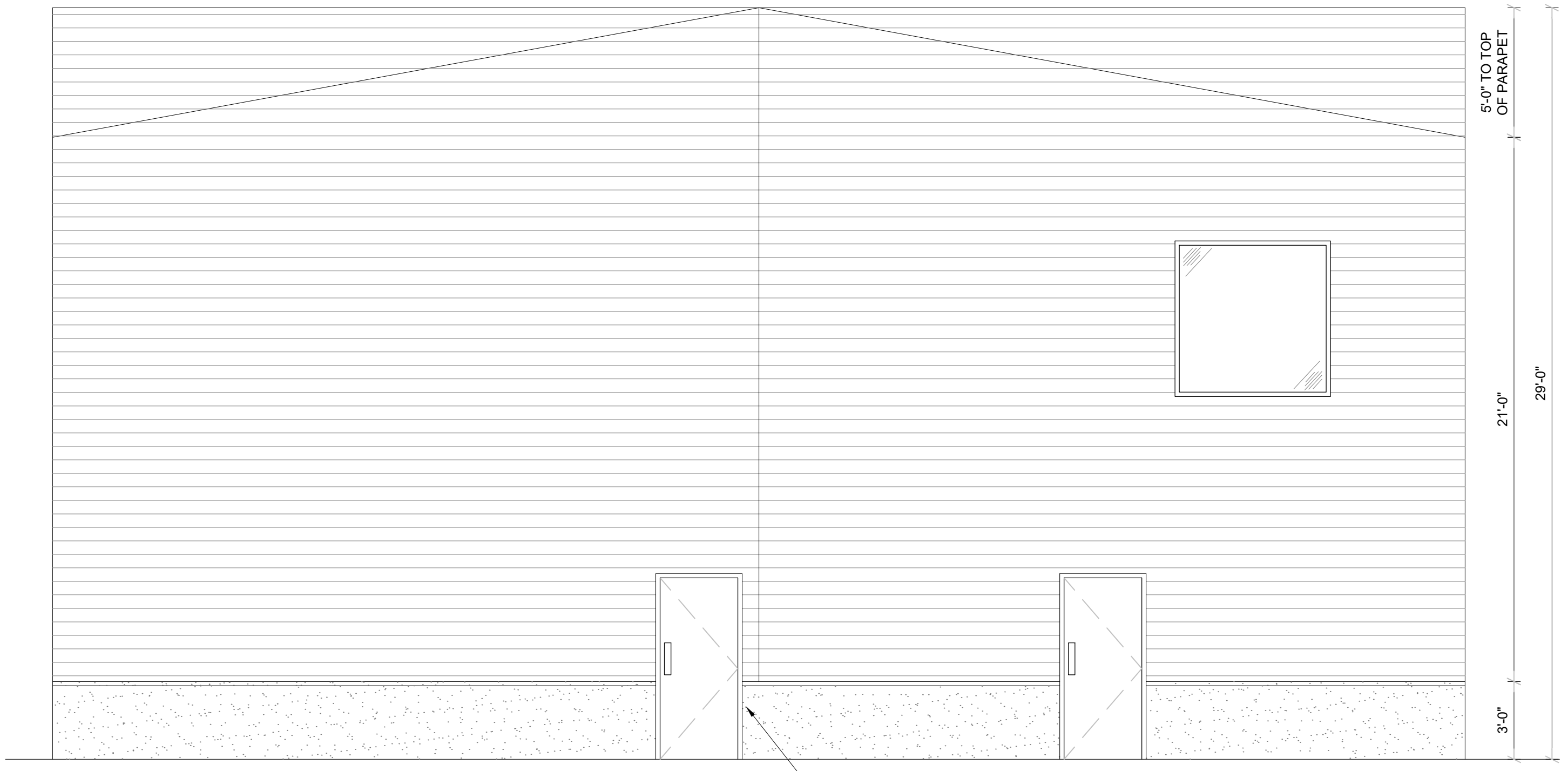
CJR DESIGNS
& DEVELOPMENT, LLC
CEDAR HILL, TEXAS 75106
PHONE: 214-759-1755
DANIEL@CJR-DESIGNS.CO



1 EAST (FRONT) ELEVATION
A4.0 SCALE: 1/4" = 1'-0"

GENERAL NOTE: ALL WINDOWS ARE TO HAVE CLEAR 1" INSULATED LOW "E" GLASS MEETING NATIONAL ENERGY CODE STANDARDS

STUCCO ON MTL. LATH, VAPOR BARRIER & 1/2" SHEATHING



2 NORTH (SIDE) ELEVATION
A4.0 SCALE: 1/4" = 1'-0"

STUCCO ON MTL. LATH, VAPOR BARRIER & 1/2" SHEATHING

ELEVATIONS
NEW LIFE WELLNESS CENTER
4338 ELYSIAN FIELDS AVE,
NEW ORLEANS, LA 70122

DATE	DESCRIPTION	BY

SCALE:
AS NOTED

PROJECT NO.
081-01

SHEET NO.
A4.0