Sunnyside*

2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT DESCRIPTION

NAME OF PROJECT: CRESCO LABS
ADDRESS: 2806 WEST US HWY 90, LAKE CITY, FL 32055

PROPOSED USE: RETAIL
OCCUPANCY: GROUP 'M', MERCANTILE

DESCRIPTION (SCOPE OF WORK):
BUILD-OUT OF AN EXISTING, SINGLE-STORY COMMERCIAL BUILDING WITH MULTIPLE TENANT SPACE. TENANT [SUNNYSIDE] SPACE TO BE APPROXIMATELY 2,880 S.F. SCOPE OF WORK INVOLVES PARTITIONS, DOORS, CEILING FINISHES, LIGHTING, MILLWORK, NEW RESTROOMS, AND ALL ASSOCIATED MECHANICAL, ELECTRICAL AND PLUMBING WORK.

EXISTING STOREFRONT TO REMAIN. SIGNAGE TO BE SUBMITTED UNDER A SEPARATE PERMIT.

THERE IS NO EXISTING SPRINKLER SYSTEM IN BUILDING.

BUILDING DOES NOT HAVE AN EXISTING FIRE ALARM SYSTEM. G.C. TO PROVIDE ALL NEW FIRE ALARM SYSTEM. FIRE ALARM SCOPE OF WORK TO BE SUBMITTED UNDER A SEPARATE PERMIT. G.C. TO HIRE ENGINEER DIRECTLY TO PROVIDE FIRE ALARM DESIGN, INSTALL, AND PERMITS.

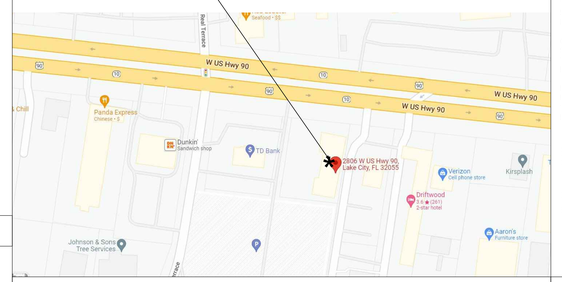
ABBREVIATIONS

@	AT
ACT	ACOUSTICAL TILE CLG.
ADJ.	ADJUSTABLE
ALUM.	ALUMINUM
A.F.F.	ABOVE FINISH FLOOR
ARCHT.	ARCHITECT
BD.	BOARD
BLDG.	BUILDING
BLKG.	BLOCKING
B.O.	BOTTOM OF
BOT.	BOTTOM
C. GA.	CARPET
CAB(S)	CABINET(S)
℄	CENTERLINE
CLG.	CEILING
CLO.	CLOSET
CLR.	CLEAR
CMU	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
C.T.	CERAMIC TILE
C.H.	CASH WRAP
DET.	DETAIL
DIA.	DIAMETER
DIFF.	DIFFUSER
DIM(S)	DIMENSION(S)
D.R.	DRESSING ROOM
DRW.	DRAWER
DWG.(S)	DRAWING(S)
DN.	DOWN
D.F.	DRINKING FOUNTAIN
D.O.	DOOR OPENING
DEPT.	DEPARTMENT
D.S.P.	DRY STANDPIPE
ELEC.	ELECTRICAL
ELEV.	ELEVATION
EQ.	EQUAL
EXIST.	EXISTING
EXT.	EXTERIOR
ENCL.	ENCLOSURE
F.A.	FITTING AREA
F.B.O.	FURNISHED BY OTHERS
F.E.C.	FIRE EXTINGUISHER CABINET
FIN.	FINISHED
F.P.	FLUSH PANEL
F.R.	FIRE RETARDANT
FURN.	FURNISHED
GA.	GAUGE
G.C.	GENERAL CONTRACTOR (REFERS TO TENANT'S GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.)
GWB	GYPSUM WALL BOARD
HDWR.	HARDWARE
H.M.	HOLLOW METAL
HT.	HEIGHT
H.W.T.	HOT WATER TANK
H.R.	HANG ROD
I.D.	INSIDE DIMENSION
IN.	INCH.
INST.	INSTALLED
I.B.G.	(INSTALLED BY G.C.)
J.B.	JUNCTION BOX
J.C.	JANITOR'S CLOSET
JT.(S)	JOINT(S)
KD.	KNOCK DOWN
LEV.	LEVEL
L.L.	LANDLORD
LOC(S)	LOCATION(S)
MDF.	MEDIUM DENSITY FIBER BOARD
MET.	METAL
MFG.	MANUFACTURER
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MR	MOISTURE RESISTANT
MT	MALL TILES
MWC	MILLWORK CONTRACTOR
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
NO.	NOT TO SCALE
N.T.S.	NUMBER
O.C.	ON CENTER
OPNG.	OPENING
OPP.	OPPOSITE
O.A.	OVER ALL
PARTN.	PARTITION
PL.	PLASTIC LAMINATE
PLYWD.	PLYWOOD
PTD.	PAINTED
P.O.S.	POINT OF SALE
PT.	POINT
RAD.	RADIUS
R.A.	RETURN AREA
R.B.	RUBBER BASE
REINF.	REINFORCED / REINFORCING
RELOC.	RELOCATED
REQ'D.	REQUIRED
REV.	REVISED / REVISION
RM.	ROOM
RO.	ROUGH OPENING
RP.	RECESSED PANEL
S.B.O.	SUPPLIED BY OTHERS (INSTALLED BY G.C.)
SCHED.	SCHEDULE
SECT.	SECTION
SIM.	SIMILAR
S.F.	SQUARE FOOT
SHT.	SHEET
S.O.H.	SAME OPPOSITE HAND
S.P.	SCRIBE PANEL
S.S.	STAINLESS STEEL
SQ.	SQUARE
STO.	STORAGE
STL.	STEEL
SUSP.	SUSPENDED
STD.	STANDARD
S.V.	SHEET VINYL
S.W.	SHOW WINDOW
T.B.D.	TO BE DETERMINED
TEL.	TELEPHONE
THK.	THICK
TGC.	TENANT'S GENERAL CONTRACTOR
T.O.	TRIMMED OPENING
TEMP.	TEMPERED
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
U.N.O.	UNLESS NOTED OTHERWISE
VCT	VINYL COMPOSITION TILES
VFY.	VERIFY
V.I.F.	VERIFY IN FIELD
VERT.	VERTICAL
WC.	WATER CLOSET
W.P.	WOOD PANEL
WD.	WOOD
WFC	WOOD FLOOR CONTRACTOR
W/O	WITHOUT

LOCATION MAP

CRESCO LABS
2806 WEST US HWY 90
LAKE CITY, FL 32055

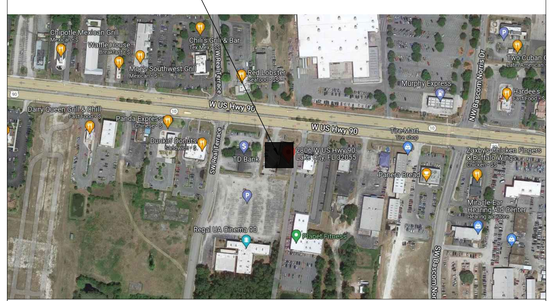
NOT TO SCALE



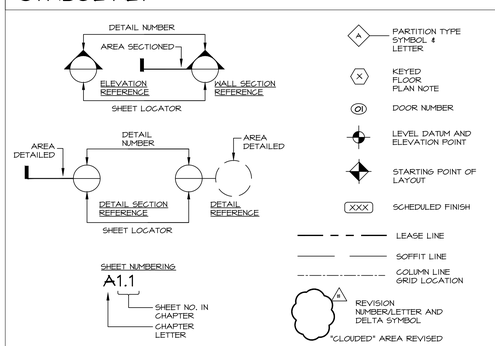
KEY PLAN

CRESCO LABS
2806 WEST US HWY 90
LAKE CITY, FL 32055

NOT TO SCALE



SYMBOL KEY



PROJECT DIRECTORY

PROJECT:
CRESCO LABS
2806 WEST US HWY 90
LAKE CITY, FL 32055

ARCHITECT:
TRICARICO ARCHITECTURE AND DESIGN PC
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BUILDING DEPARTMENT:
COLUMBIA COUNTY BUILDING AND ZONING
135 NE HERNANDO AVE #21
LAKE CITY, FL 32055
TEL: 386-758-1008

BUILDING CODE DATA

CODES:

1. BUILDING - 2020 FLORIDA BUILDING CODE
2. ELECTRIC - FBC - ELECTRICAL CODE (NEC 2020)
3. ENERGY - 2020 FBC - ENERGY CONSERVATION CODE
4. FIRE - FLORIDA FIRE PREVENTION CODE - 7TH EDITION
5. HANDICAPPED - ADAAG FLORIDA STATE ACCESSIBILITY CODE
6. MECHANICAL - 2020 FBC - MECHANICAL CODE
7. PLUMBING - 2020 FBC - PLUMBING CODE

BUILDING CLASSIFICATION: IIIB - NON-SPRINKLERED
PROJECT DESCRIPTION: INTERIOR TENANT BUILD-OUT
OCCUPANCY GROUP: M - MERCANTILE
CONSTRUCTION TYPE: NON COMBUSTIBLE

ROOM	USE	GROSS AREA	SQ. FT. PER PERSON	OCCUPANT LOAD
100	CHECK-IN	220 S.F.	60	4
101	CONSULTATION ROOM	111 S.F.	60	2
102	THC AREA	900 S.F.	60	15
103	UNISEX ADA RESTROOM	78 S.F.	1 PERSON	1
104	UNISEX ADA RESTROOM	78 S.F.	1 PERSON	1
105	CORRIDOR	78 S.F.	N/A	---
106	BREAK ROOM	315 S.F.	300	2
107	JANITOR CLOSET	18 S.F.	N/A	---
108	RECEIVING AREA	167 S.F.	300	1
109	IT/DATA ROOM	80 S.F.	300	1
110	OFFICE	98 S.F.	150	1
111	VAULT	530 S.F.	300	2
112	POS STATION	207 S.F.	60	4
TOTAL		2,880 S.F.		34

TYPES OF CONSTRUCTION - FIRE RESISTANCE REQUIREMENTS FOR BUILDING

- STRUCTURAL FRAME ..... 0 hr
- FLOOR CONSTRUCTION - INCLUDING SUPPORTING BEAMS AND JOIST..... 0 hr
- ROOF CONSTRUCTION - INCLUDING SUPPORTING BEAMS AND JOISTS..... 0 hr
- INTERIOR NON-BEARING WALLS ..... 0 hr
- BEARING WALL ..... 0 hr

PLUMBING SYSTEMS
MINIMUM NUMBER OF FIXTURES (TABLE 403.1)

MERCANTILE REQUIREMENTS:
- WATER CLOSETS: 1 PER 500 (PER EACH SEX)
- LAVATORIES: 1 PER 750 (PER EACH SEX)
- DRINKING FOUNTAIN: 1 PER 1,000
- SERVICE SINK: 1

PROVIDED IN SPACE:
- #103 - UNISEX ADA RESTROOM - (1) WATER CLOSET AND (1) LAVATORY
- #104 - UNISEX ADA RESTROOM - (1) WATER CLOSET AND (1) LAVATORY
- DUAL STATION DRINKING FOUNTAIN IN #105 CORRIDOR
- (1) SERVICE SINK IN #107 JANITOR'S CLOSET

DRAWING LIST

SHEET NUMBER	SHEET TITLE	ISSUED & REVISED ●	ISSUED (UNREVISED) ○	ISSUES AND REVISIONS: OWNER REVIEW SET 09.14.2022	BID/PERMIT SET 10.03.2022						
ARCHITECTURAL											
T1.1	TITLE SHEET		○	○							
T1.2	GENERAL NOTES		○	○							
T1.3	RESPONSIBILITY SCHEDULE		○	○							
T1.4	ACCESSIBILITY CLEARANCES		○	○							
T1.5	SITE PLAN		○	○							
D1.1	DEMOLITION PLAN		○	○							
D1.2	DEMOLITION CEILING PLAN		○	○							
A0.1	EGRESS & LIFE SAFETY PLAN		○	○							
A1.1	CONSTRUCTION PLAN		○	○							
A1.2	PARTITION TYPES		○	○							
A1.3	DOOR SCHEDULE AND DETAILS		○	○							
A1.4	CONSTRUCTION DETAILS		○	○							
A2.1	REFLECTED CEILING PLAN & LIGHTING SCHEDULE		○	○							
A3.1	FINISH PLAN AND FINISH LEGEND		○	○							
A4.1	FIXTURE PLAN		○	○							
A4.2	POWER PLAN AND LEGEND		○	○							
A4.3	SECURITY PLAN AND LEGEND		○	○							
A5.1	RESTROOM PLANS AND RESTROOM ELEVATIONS		○	○							
A5.2	INTERIOR ELEVATIONS		○	○							
A5.3	INTERIOR ELEVATIONS		○	○							
A6.1	BREAK ROOM ELEVATIONS & MILLWORK DETAILS		○	○							
A7.1	EXTERIOR ELEVATIONS		○	○							
MECHANICAL											
M0.1	MECHANICAL SPECIFICATIONS		○	○							
M1.1	MECHANICAL PLAN & NOTES		○	○							
M2.1	MECHANICAL SCHEDULES		○	○							
M2.2	MECHANICAL DETAILS		○	○							
ELECTRICAL											
E0.1	ELECTRICAL SPECIFICATIONS & LEGEND		○	○							
E1.1	ELECTRICAL LIGHTING PLAN		○	○							
E2.1	ELECTRICAL POWER PLAN		○	○							
E2.2	ELECTRICAL SECURITY PLAN & LEGEND		○	○							
E3.1	ELECTRICAL DISTRIBUTION		○	○							
PLUMBING											
P0.1	PLUMBING SPECIFICATIONS AND GENERAL NOTES		○	○							
P1.1	PLUMBING PLANS AND RISER DIAGRAMS		○	○							
P1.2	PLUMBING PLAN AND NOTES - CONDENSATE		○	○							
P2.1	PLUMBING DETAILS		○	○							
FIRE ALARM [FOR REFERENCE ONLY]											
FA0.1	FIRE ALARM GENERAL NOTES			○							
FA1.1	FIRE ALARM PLAN AND SCHEMATICS			○							

DEFERRED SUBMITTALS

1. TENANT SIGNAGE
2. FIRE ALARM

TRICARICO ARCHITECTURE AND DESIGN PC
502 VALLEY ROAD, WAYNE, NJ 07470
T:973-692-0222 F:973-692-0223
TRICARICO.COM

NICHOLAS J. TRICARICO
FLORIDA LICENSE # AR0007605

DATE: AS SHOWN

PROJECT NO.: 220392

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THE GENERAL CONTRACTOR AND/OR ALL SUB-CONTRACTORS WORKING FROM THESE PLANS AND SPECIFICATIONS ARE NOT TO SCALE SUCH INFORMATION BUT TO CONTACT THE ARCHITECT OR HIS REPRESENTATIVE REGARDING MEASUREMENTS. IF SUCH MEASUREMENTS DO NOT APPEAR CORRECT, ADD UP PROPERLY OR SCALE CORRECTLY TO THE INDICATED SIZE.

DATE:	ISSUE:
09.14.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: RAL
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME: TITLE SHEET

DRAWING NO.: T1.1

FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico
Digitally signed by Nicholas J. Tricarico
Date: 2022.10.04 13:33:49 -04'00'
SEAL

STATE OF FLORIDA · NICHOLAS J. TRICARICO · AR0007605 · REGISTERED ARCHITECT
SEAL

LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055

PROJECT: CRESCO LABS

PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

ALL WORK AND MATERIALS DESCRIBED HEREIN ARE THE RESPONSIBILITY OF THE TENANT. THE TERMS "GENERAL CONTRACTOR", "CONTRACTOR", OR "SUBCONTRACTOR" REFER TO THOSE ENGAGED BY THE TENANT TO PERFORM THE WORK FOR THE TENANT. THE TENANT IS NOT RELIEVED FROM THE RESPONSIBILITY FOR THE PERFORMANCE OF SUCH CONTRACTORS.

1. **THE GENERAL CONTRACTOR IS REQUIRED TO HAVE ALL SUBCONTRACTORS REVIEW THESE NOTES PRIOR TO BIDDING AND TO FAMILIARIZE ALL PERSONS AND SUBCONTRACTORS WORKING ON THIS PROJECT WITH THESE GENERAL NOTES AND THE CONTRACT DOCUMENTS NOTED: LANDLORD'S DESIGN CRITERIA, IF APPLICABLE. ANY DISCREPANCY BETWEEN THESE CONTRACT DOCUMENTS AND THE LEASE OR DESIGN CRITERIA INFORMATION IS TO BE REPORTED TO TENANT'S ARCHITECT PRIOR TO THE START OF ANY WORK. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY ACQUAINTING THEMSELVES WITH THE CONTENT AND SCOPE OF THESE SPECIFICATIONS. SPECIAL ATTENTION SHOULD BE GIVEN TO THE SPECIFICATIONS THROUGHOUT THE SPAN OF THIS PROJECT BY THIS GENERAL CONTRACTOR, SUPERVISORS AND SUBCONTRACTORS, AS THE STANDARD ESTABLISHED HEREIN SHALL BE APPLIED, WITH EMPHASIS TO ALL WORK. CHECK "RESPONSIBILITY SCHEDULE" FOR ALLOCATION OF SPECIFIC WORK. ALL WORK IS BY TENANT'S GENERAL CONTRACTOR UNLESS OTHERWISE NOTED. WORK DECLARED UNACCEPTABLE BY THE TENANT AND LANDLORD, IF APPLICABLE, SHALL BE CORRECTED IN A MANNER AND TO A DEGREE OF QUALITY AS ACCEPTABLE BY THE TENANT AND LANDLORD.**

2. **THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS ARE REQUIRED TO CHECK AND VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AT BUILDING SITE AND PREMISES. NOTIFY THE LANDLORD, THE LANDLORD'S REPRESENTATIVE AND TENANT'S PROJECT ARCHITECT OR TENANT'S CONSTRUCTION REPRESENTATIVE OF ANY AND ALL DISCREPANCIES. LIST ANY EXISTING WORK NOT YET COMPLETED BEFORE STARTING NEW CONSTRUCTION WORK. IF THE GENERAL CONTRACTOR IS REQUIRED TO INSTALL ANY TYPE OF BARRICADE DURING THE CONSTRUCTION PHASE OF THIS PROJECT, SUCH BARRICADE TO MEET THE LATEST BARRICADE DESIGN REQUIREMENTS OF THE LANDLORD, INCLUDING THE PAINTING OF SUCH BARRICADE AND ANY SIGNAGE ALLOWABLE BY LANDLORD AND UNDER LEASE OBLIGATION. ADDITIONALLY, THIS BARRICADE MUST BE MOVED AS REQUIRED FOR WORK AND / OR REMOVED AT THE END OF THE CONSTRUCTION TIME PERIOD. CHECK WITH THE LANDLORD TO VERIFY IF A BARRICADE HAS PREVIOUSLY BEEN INSTALLED ON THESE PREMISES IN ANTICIPATION OF CONSTRUCTION BY THE NEW TENANT. IF THIS IS THE CASE, DO NOT INCLUDE ANY COST FOR THE ACTUAL BARRICADE BUT DO INCLUDE COSTS FOR: MOVING SUCH BARRICADES IN AND OUT, ANY OTHER SPECIFIC LANDLORD REQUIREMENTS REGARDING SUCH BARRICADES, AND THE PAINTING AND / OR REMOVAL OF SUCH BARRICADES AFTER CONSTRUCTION.**

3. ALL RULES AND REGULATIONS, SCOPE OF WORK AND PROCEDURES INDICATED WILL BE PERFORMED BY THE GENERAL CONTRACTOR, THEIR AGENTS, SUBCONTRACTORS, AND SUPPLIERS TO PROVIDE A TOTAL AND COMPLETE PROJECT FOR THE TENANT. WORK SHOWN IN THESE NOTES IS TO BE PERFORMED BY THE GENERAL CONTRACTOR OR SUBCONTRACTORS, AGENTS AND / OR SUPPLIERS ONLY, WHETHER OR NOT THE WORK IS DELINEATED PROPERLY.

4. THE WORK CONTAINED IN THESE CONTRACT DOCUMENTS AND / OR SPECIFICATIONS IS TO BE PERFORMED BY THE GENERAL CONTRACTOR AND / OR THEIR SUBCONTRACTORS WHETHER OR NOT SPECIFICALLY NOTED OTHERWISE.

5. FOR CLARIFICATION PURPOSES, TENANT, CLIENT AND OWNER ARE THE SAME PARTY. LANDLORD IS THE PARTY LEASING THE SPACE TO THE TENANT. THE GENERAL CONTRACTOR, WHETHER WORKING FOR THE LANDLORD OR THE TENANT, WILL BE REQUIRED TO HANDLE ALL WORK IN THESE DOCUMENTS UNLESS SPECIFICALLY NOTED OTHERWISE.

6. ALL CONTRACTORS SHALL CHECK AND VERIFY ALL FIELD CONDITIONS AT THE START OF THE PROJECT AND SHALL HAVE SOLE RESPONSIBILITY FOR VERIFICATION OF CLEAR HEIGHTS WITHIN THE PREMISES; ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY. THE GENERAL CONTRACTOR IS TOTALLY RESPONSIBLE FOR ALL "HOLD" DIMENSIONS AND IS TO CONTACT THE ARCHITECT, THE TENANT AND THE TENANT'S CONSTRUCTION REPRESENTATIVE OF ANY DISCREPANCIES VERBALLY AND ALSO IN WRITING. DISCUSS ANY DISCREPANCY QUESTIONS FIRST, PRIOR TO BUILDING WALLS OR INSTALLING M.E.P. TENANT'S FIXTURES FIT INTO PLACE WITH NO ROOM FOR ERROR. CONTRACTOR MUST REVIEW ENTIRE SET OF CONTRACT DOCUMENTS FOR WALL WIDTHS AND CEILING HEIGHTS.

7. WHEN BIDDING THIS PROJECT, EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING AND VERIFYING EXISTING CONDITIONS AS REFLECTED IN THESE CONTRACT DOCUMENTS. ANY EXTRA WORK REQUIRED BUT NOT INCLUDED IN THE DOCUMENTS SHALL BE REPORTED TO THE TENANT OR TENANT'S ARCHITECT IMMEDIATELY DURING THE BIDDING STAGE. LANDLORD DOES NOT PAY ANY COSTS FOR JOB CONDITION SITUATIONS, UNLESS SPECIFICALLY NOTED IN THE LEASE.

8. ALL WORK ON THIS PROJECT SHALL BE IN ACCORDANCE WITH ALL CODES, SUB-CODES AND BUILDING DEPARTMENTS AND HEALTH DEPARTMENTS (IF APPLICABLE) HAVING JURISDICTION. GENERAL CONTRACTOR TO CONTACT LOCAL BUILDING OFFICIALS FOR SPECIFIC REQUIREMENTS FOR THIS USE.

9. THE OCCUPANCY CLASSIFICATION FOR THIS LOCATION IS NOTED ON THE TITLE SHEET.

10. DEMOLITION WORK (IF ANY) IS DEFINED IN THE RESPONSIBILITY SCHEDULE AND DEMOLITION DRAWING.

11. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. SUCH CONTRACTOR IS ALSO RESPONSIBLE FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT, INCLUDING ANY AND ALL OSHA REQUIREMENTS, UNLESS CONTRACT DOCUMENTS GIVE OTHER SPECIFIC INSTRUCTIONS CONCERNING THESE MATTERS. SEE AIA DOCUMENT A201 - GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, LATEST EDITION.

12. THE ARCHITECT SHALL NOT HAVE CONTROL OVER OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES. NEITHER IS THIS ARCHITECT RESPONSIBLE FOR SAFETY PRECAUTIONS AND PROGRAMS, INCLUDING ANY AND ALL OSHA REQUIREMENTS IN CONNECTION WITH THE WORK, SINCE THESE ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY UNDER THE CONTRACT FOR CONSTRUCTION. SEE AIA DOCUMENT B101 - AGREEMENT BETWEEN OWNER AND ARCHITECT, LATEST EDITION.

13. THE GENERAL CONTRACTOR THEIR SUBCONTRACTORS SHALL PAY FOR AND OBTAIN ALL PERMITS REQUIRED FOR THE WORK NOTED ON THESE PLANS AND SPECIFICATIONS. THIS INCLUDES COSTS FOR ALL INSPECTIONS BY AUTHORITIES HAVING JURISDICTION, BUILDING DEPARTMENT AND HEALTH DEPARTMENT PERMIT COSTS, AND PERMIT COSTS FOR FIXTURES SUPPLIED BY TENANT (IF APPLICABLE).

14. ALL CLEARANCES OF PIPES AND DUCT WORK INSTALLED BY THE GENERAL CONTRACTOR OR SUBCONTRACTORS MUST BE MAINTAINED FOR ADEQUATE HEIGHTS REQUIRED FOR CEILING SYSTEM MECHANICAL AND LIGHT FIXTURES. CONTRACTOR MUST REVIEW ENTIRE SET OF CONTRACT DOCUMENTS FOR CEILING HEIGHTS. GENERAL CONTRACTOR (OR DESIGNATED AUTHORIZED CONTRACTOR AT GENERAL CONTRACTOR'S EXPENSE) TO REMOVE OR REPLACE AS REQUIRED ANY AND ALL EXISTING P.V.C. PIPING WITH LOCAL CODE ALLOWABLE MATERIALS THROUGHOUT LEASED PREMISES.

15. THE GENERAL CONTRACTOR AGREES THAT, IN THE PERFORMANCE OF THE WORK CALLED FOR BY THIS CONTRACT, THEY WILL EMPLOY ONLY SUCH LABOR AS WILL NOT DELAY OR INTERFERE WITH THE PROGRESS OF THE PROJECT. THE GENERAL CONTRACTOR FURTHER AGREES THAT SUCH LABOR WILL BE ACCEPTABLE TO, AND WORK IN HARMONY WITH, ALL OTHER CONTRACTORS EMPLOYED ON THE CONSTRUCTION SITE. THIS INCLUDES ANY OTHER BUILDING, STRUCTURE, OR OTHER IMPROVEMENT WHETHER PUBLIC OR PRIVATE WHICH THE GENERAL CONTRACTOR MAY THEN BE ERECTING OR ALTERING IN OTHER LOCATIONS.

16. ALL WORK TO BE COMPLETED FOLLOWING LANDLORD'S CONSTRUCTION "RULES AND REGULATIONS", IF APPLICABLE. THE GENERAL CONTRACTOR IS RESPONSIBLE DURING THE BIDDING PROCEDURES, FOR CONTACTING THE LANDLORD'S REPRESENTATIVE FOR A COPY OF THESE "RULES AND REGULATIONS" AND TO INCLUDE ANY COSTS IN THE WORK QUOTED TO THE LANDLORD.

17. GENERAL CONTRACTOR AGREES THAT IN THE PERFORMANCE OF TENANT'S WORK AT THE PREMISES, ALL WORK SHALL BE PERFORMED IN A MANNER WHICH WILL NOT CREATE ANY WORK STOPPAGE, PICKETING, LABOR DISRUPTION OR DISPUTE OR VIOLATE LANDLORD'S LABOR CONTRACTS AFFECTING THE BUILDING OR INTERFERE WITH THE BUSINESS OF LANDLORD. IN THE EVENT OF THE OCCURRENCE OF ANY WORK STOPPAGE, PICKETING, LABOR DISRUPTION OR DISPUTE RESULTING FROM ACTIONS OR OMISSIONS OF GENERAL CONTRACTOR OR SUBCONTRACTORS OR ANY SUBTENANT OR CONCESSIONAIRE, OR THEIR RESPECTIVE EMPLOYEES, CONTRACTORS OR SUBCONTRACTORS, THE GENERAL CONTRACTOR SHALL, IMMEDIATELY UPON NOTICE FROM TENANT, CEASE THE CONDUCT GIVING RISE TO SUCH CONDITION. THIS CLAUSE MUST BE PART OF ALL GENERAL CONTRACTOR / SUBCONTRACTOR AGREEMENTS. IF SUCH CLAUSE IS NOT INCLUDED, IT WILL NOT RELIEVE THE GENERAL CONTRACTOR OF THE REQUIREMENTS OR WORK STATED HEREIN.

18. ALL CONTRACTORS SHALL BE BONDED, LICENSED CONTRACTORS POSSESSING GOOD LABOR RELATIONS AND MUST BE CAPABLE OF QUALITY WORKMANSHIP, IN HARMONY WITH OTHER CONTRACTORS WORKING ON THE PROJECT. THE TENANT AND TENANT'S ARCHITECT ARE TO BE NOTIFIED IN WRITING OF THE NAMES, ADDRESSES, DAYTIME PHONE, FAX, AND EMERGENCY PHONE NUMBERS OF ALL SUBCONTRACTORS AND SUPPLIERS WORKING ON THIS PROJECT. THE GENERAL CONTRACTOR MUST ALSO ATTEST THAT NO PRODUCTS CONTAINING ASBESTOS OR HAZARDOUS MATERIAL WERE KNOWINGLY USED ON THIS PROJECT.

19. PRIOR TO COMMENCEMENT OF ANY WORK, THE GENERAL CONTRACTOR SHALL CONTACT AND MEET WITH LANDLORD'S TENANT COORDINATOR AND TENANT'S PROJECT MANAGEMENT REPRESENTATIVE FOR A PRE-CONSTRUCTION MEETING DURING WHICH HE / SHE WILL PRESENT TO ALL PARTIES A LIST OF NAMES, ADDRESSES, BUSINESS PHONE, FAX AND EMERGENCY TELEPHONE NUMBERS OF THE SUBCONTRACTORS FOR THIS PROJECT. THE GENERAL CONTRACTOR WILL COMPLETE THE CHECKLIST FORM (CONTRACTOR INFORMATION FORM) REQUIRED FOR EACH TENANT'S SPACE THAT CONTRACTOR WILL BE WORKING ON AS REQUIRED UNDER LEASE OBLIGATION. THE CHECKLIST FORM INCLUDING SCHEDULE INFORMATION AS WELL AS GENERAL CONTRACTOR AND SUBCONTRACTORS INFORMATION IS TO BE SUBMITTED TO THE LANDLORD'S REPRESENTATIVE UPON ARRIVAL AT THE JOB SITE.

20. IF THE LANDLORD, LANDLORD'S REPRESENTATIVE OR LANDLORD'S ARCHITECT, TENANT, TENANT'S REPRESENTATIVE OR TENANT'S ARCHITECT DO NOT MAKE REPEATED SITE VISITS CONTINUALLY OR AT ALL, THE GENERAL CONTRACTOR IS NOT RELIEVED OF ANY RESPONSIBILITY OR DUTIES INVOLVED IN THIS CONSTRUCTION WORK.

21. THE GENERAL CONTRACTOR SHALL COMPLY AND CONFORM TO ALL OF THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA), NO EXCEPTIONS WILL BE PERMITTED. THE PROVISIONS OF THE TENANT'S LEASE SHALL APPLY IN THE EVENT OF VIOLATION RESULTING IN DAMAGES, CAUSES OF ACTION OR ANY CLAIMS ARISING THEREFROM, IF GENERAL CONTRACTOR AND / OR THEIR SUBCONTRACTORS DO NOT COMPLY WITH THIS ACT.

22. THE GENERAL CONDITIONS OF THE "CONTRACT FOR CONSTRUCTION" DOCUMENT A-201, ISSUED BY THE AMERICAN INSTITUTE OF ARCHITECTS (LATEST EDITION) RELATES TO THE WORK OF THIS PROJECT AND IS HEREBY MADE A PART OF THESE CONTRACT DOCUMENTS AS THOUGH FULLY CONTAINED HEREIN.

23. THE GENERAL CONTRACTORS AND ALL SUBCONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY NUMBER OF COPIES OF DOCUMENT A-201, TO BECOME ACQUAINTED WITH THE ARTICLES CONTAINED THEREIN AND TO REVIEW WITH ALL SUBCONTRACTORS, SUPPLIERS AND ANY OTHER PARTIES TO THE CONTRACT OR INDIVIDUALS OR AGENCIES ENGAGED ON THE WORK AS TO ITS CONTENTS.

24. THE TENANT'S ARCHITECT, WITHOUT INVALIDATING THE CONTRACT, MAY ORDER EXTRA WORK, ALTER, ADD TO, OR DEDUCT FROM THE CONTRACT WORK, IF THE INTENT IS TO ADHERE TO A PREVIOUSLY AGREED UPON DESIGN WITHOUT ANY COST TO THE TENANT, ITS AGENTS OR TENANT'S ARCHITECT.

25. NO CHANGE ORDERS OR EXTRAS FOR COSTS CAN BE AUTHORIZED UNLESS APPROVED IN WRITING BY THE TENANT'S CONSTRUCTION REPRESENTATIVE OR THE TENANT. ANY ISSUANCE OF CREDITS TO BE CALCULATED BASED ON COMPETITIVE RATES AND EQUIPMENT COSTS APPROVED BY THE TENANT'S ARCHITECT AND THE TENANT'S CONSTRUCTION REPRESENTATIVE FOR THE TENANT.

26. THE GENERAL CONTRACTOR SHALL HAVE AT ALL TIMES, AT THE PREMISES, LANDLORD APPROVED CONTRACT DOCUMENTS, BUILDING DEPARTMENT AND HEALTH DEPARTMENT (IF APPLICABLE) APPROVED PERMIT DRAWINGS.

27. AN APPROVAL BY THE TENANT WILL ONLY BE VALID IF IN WRITING AND SIGNED BY THE TENANT OR BY THE TENANT'S DESIGNATED REPRESENTATIVE FOR SUCH PURPOSE. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING APPROVAL FROM TENANT'S ARCHITECT ON ALL STRUCTURAL CHANGES DURING THE COURSE OF THE CONSTRUCTION PHASE OF PROJECT. THIS INCLUDES VERIFICATION OF CORRECT INSTALLATION AND SPECIFICATION OF MISCELLANEOUS STEEL FOR MECHANICAL SYSTEMS, STEEL FOR MEZZANINES (IF APPLICABLE), DUCTS, ETC. THE LANDLORD'S ARCHITECT AND THE LANDLORD ARE NOT INVOLVED NOR WILL THEY TAKE ANY RESPONSIBILITY FOR TENANT'S STRUCTURE. ANY STRUCTURAL WORK ON PROJECT TO INCLUDE BUT NOT BE LIMITED TO MECHANICAL EQUIPMENT SUPPORTS, HANGING SYSTEMS, CONCRETE SLABS, COSTS, ETC.

28. THE GENERAL CONTRACTOR WILL BE REQUIRED TO PROTECT ALL NEUTRAL PIERS, LANDLORD'S AND ADJACENT TENANT CONSTRUCTION IF ADJACENT TO THIS TENANT'S WORK, AND MAKE ANY AND ALL REQUIRED REPAIRS TO THE SATISFACTION OF THE LANDLORD AND / OR THE TENANT IF THIS WORK IS DAMAGED.

29. ALL FINISH AND EXPOSED WOOD SHALL BE KILN DRIED, MILL QUALITY FINISH AND SHALL RECEIVE A FIRE RETARDANT COATING OR TREATMENT IF REQUIRED BY CODE OR THE LOCAL FIRE MARSHAL. NO WOOD OR COMBUSTIBLE MATERIAL SHALL BE USED ABOVE THE SUSPENDED CEILING UNLESS NON-COMBUSTIBLE LUMBER IS USED AND IS SPECIFICALLY ALLOWED BY APPLICABLE BUILDING CODES, THE FIRE MARSHAL AND ALL AGENCIES HAVING JURISDICTION. IF FIRE-TREATED WOOD IS REQUIRED FOR FIXTURE INSTALLATION, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR EXECUTING THIS WORK AS PER THE BUILDING OFFICIALS' REQUIREMENTS.

30. THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL AS REQUIRED, BEGINNING WITH THE CONSTRUCTION PHASE, HAND-OPERATED FIRE EXTINGUISHERS, U.L. RATED, AS PER LOCAL CODE REQUIREMENTS; PLACEMENT OF WHICH AS APPROVED BY TENANT AND LOCAL BUILDING OFFICIAL.

31. ALL CEILINGS, IF REQUIRED, SHALL BE UNDERWRITERS APPROVED AND OF THE NON-COMBUSTIBLE TYPE. SEE CEILING SPECIFICATION WITHIN THE CONTRACT DOCUMENTS.

32. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY REMOVAL OF TRASH, RUBBISH AND SURPLUS MATERIALS RESULTING FROM CONSTRUCTION, AS REQUIRED BY LANDLORD. THE CONTRACTORS AND SUBCONTRACTORS PARTICIPATING IN THE PERFORMANCE OF TENANT'S WORK SHALL REMOVE AND DISPOSE OF, AT LEAST ONCE A WEEK AND MORE FREQUENTLY AS TENANT MAY DIRECT, ALL DEBRIS AND RUBBISH CAUSED BY OR RESULTING FROM THE PERFORMANCE OF TENANT'S WORK. UPON COMPLETION THEREOF, REMOVE ALL TEMPORARY STRUCTURES, SURPLUS MATERIALS, DEBRIS AND RUBBISH OF WHATEVER KIND REMAINING IN THE BUILDING THAT HAD BEEN BROUGHT IN OR CREATED BY THE CONTRACTOR AND SUBCONTRACTORS IN THE PERFORMANCE OF TENANT'S WORK. THIS CONTRACTOR MUST MAINTAIN A CLEAR PATH OF EGRESS FROM THE PREMISES FREE FROM TRASH AND RUBBISH AT ALL TIMES. ALL REMOVAL OF CONSTRUCTION DEBRIS TO AN APPROVED DUMPING SITE TO BE INCLUDED IN THE GENERAL CONTRACTOR'S WORK.

33. ALL EXITS SHALL BE UNOBSTRUCTED AT ALL TIMES DURING CONSTRUCTION AND OCCUPANCY.

34. THE GENERAL CONTRACTOR SHALL FURNISH AND PAY FOR ALL TEMPORARY UTILITY SERVICES DURING THE COURSE OF CONSTRUCTION.

35. EACH CONTRACTOR AND SUBCONTRACTOR PARTICIPATING IN THE PERFORMANCE OF TENANT'S WORK SHALL: (A) MAKE APPROPRIATE ARRANGEMENTS WITH LANDLORD FOR TEMPORARY UTILITY CONNECTIONS INCLUDING WATER AND ELECTRICITY, AS AVAILABLE WITHIN THE BUILDING, WHICH CONNECTIONS SHALL BE AT SUCH LOCATIONS AS SHALL BE DETERMINED BY LANDLORD, (B) PAY THE COST OF THE CONNECTIONS AND OF PROPER MAINTENANCE AND REMOVAL OF SAME, AND (C) PAY ALL UTILITY CHARGES INCURRED AT THE PREVAILING RATES OF THE UTILITY COMPANY PROVIDING SUCH SERVICE TO THE BUILDING, DURING THE COURSE OF CONSTRUCTION UP TO AND INCLUDING THE DATE OF "TURNOVER" TO THE TENANT.

36. IT IS THE GENERAL CONTRACTOR'S REQUIREMENT (THROUGH THEIR SUBCONTRACTORS) TO RECONFIGURE AND BRING IN NEW UTILITY SERVICES, AS REQUIRED TO MEET THE NEEDS OF THESE CONTRACT DOCUMENTS.

37. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS WORKING ON THIS PROJECT ARE RESPONSIBLE FOR CONTACTING THE PUBLIC UTILITY COMPANIES SUPPLYING UTILITIES TO THE AREA WHERE THE PROJECT IS LOCATED. THIS IS TO VERIFY LOCATIONS OF UTILITIES, UNDERGROUND OR OVERHEAD, AND SECURE THE PROPER PROCEDURES WHILE WORKING ADJACENT TO, ABOVE OR NEAR SUCH UTILITIES TO AVOID ANY PROBLEMS WITH EXPLOSIONS, DISCONNECTION, REMOVALS, ETC.

38. THE GENERAL CONTRACTOR SHALL APPLY FOR ALL UTILITY METERS AND NOTIFY THE UTILITY COMPANY OF THE NAME, ADDRESS AND PHONE NUMBERS OF THE TENANT FOR PERMANENT SERVICES. UNLESS OTHERWISE NOTED, TENANT'S G.C. SHALL BRING IN ALL ADDITIONAL SERVICES, ADEQUATE FOR TENANT'S NEEDS AS REQUIRED, INCLUDING, BUT NOT LIMITED TO ELECTRIC, SPRINKLER, SOIL (WASTE), AND DOMESTIC WATER LINES (WHEN APPLICABLE).

39. THE GENERAL CONTRACTOR AND / OR THEIR ELECTRICAL SUBCONTRACTOR SHALL VERIFY ALL EQUIPMENT SPECIFICATIONS AND REQUIREMENTS WITH THE TENANT OR THE TENANT'S CONSTRUCTION REPRESENTATIVE PRIOR TO START OF CONSTRUCTION. THIS CONTRACTOR TO VERIFY AMPERAGE / VOLTAGE SPECIFICATIONS, WIRING SIZES AND REQUIREMENTS (SERVICE AND PANEL SPECIFICATION) WITH THE EQUIPMENT SUPPLIERS, AND CHECK THE CONTRACT DOCUMENTS FOR MISCALCULATIONS, IN COORDINATION WITH EQUIPMENT SPECIFICATIONS FOR EQUIPMENT SUPPLIED BY THE TENANT, THE CONTRACTORS OR OTHER SOURCES (AS SPECIFIED BY THE ARCHITECT) AS A DOUBLE CHECK TO ASCERTAIN PROPER INSTALLATION OF EQUIPMENT AT THE CORRECT AMPERAGE / VOLTAGE AND WIRING SIZE. NO LIGHT FIXTURES ARE TO BE ORDERED UNTIL THIS "DOUBLE CHECK" TAKES PLACE.

40. THE GENERAL CONTRACTOR AND / OR ELECTRICAL SUBCONTRACTOR IS TO FURNISH AND INSTALL EMERGENCY AND EXIT LIGHTING, AS REQUIRED BY LOCAL CODE OR AGENCIES HAVING JURISDICTION OVER THE PROJECT, UNLESS NOTED OTHERWISE IN THE APPLICABLE "RESPONSIBILITY SCHEDULE". THE EXIT / EMERGENCY LIGHTING SHOULD BE PROPERLY LABELED AND APPROVED TYPE LOCKOUTS INSTALLED.

41. ALL PLUMBING AND ELECTRICAL ROUGH-IN TO BE NEW AND ELECTRICAL SERVICE CONDUIT AND WIRE TO THE DEMISED PREMISES TO BE EXTENDED TO THE POINT OF NEW PANELS BY THE CONTRACTOR AS NECESSARY AND SHOWN ON CONTRACT DOCUMENTS. GENERAL CONTRACTOR TO FIELD VERIFY THAT THESE UTILITY LINES ARE AT OR ADJACENT TO TENANT'S SPACE AS NOTED AND AT THE SIZE SPECIFIED, BASED ON GENERAL CONTRACTOR'S OR SUBCONTRACTOR'S PRE-BID REVIEW OF PREMISES. IF THE UTILITIES ARE NOT IN LOCATIONS AS NOTED ON THE CONTRACT DOCUMENTS OR OF A SIZE LARGER OR SMALLER THAN NOTED, THIS CONTRACTOR IS TO MODIFY THE SERVICE ACCORDINGLY WITH EITHER NEW CONDUIT AND / OR NEW COPPER SERVICE WIRE EXTENDING BACK TO LANDLORD'S ELECTRICAL / METER ROOM SERVICE POINT, AND INCLUDE SUCH COSTS IN THE BID TO THE TENANT.

42. THE ELECTRICAL SUBCONTRACTOR IS TO PROVIDE A CIRCUIT DIRECTORY WITH PROPER PHASING AND BALANCING, WHICH IS TO CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND UNDERWRITER'S CODE. THE SIGN(S) JUNCTION BOX PERMIT IS TO BE INCLUDED IN THE WORK FOR THE ELECTRICAL SUBCONTRACTOR AND THE BOX IS TO BE SUPPLIED BY THIS CONTRACTOR AND PROPERLY LABELED.

43. SHOP DRAWINGS & SUBMITTALS: THE GENERAL CONTRACTOR OR THE FIXTURE CONTRACTOR OR A CONTRACTOR PAID BY THE G.C., BASED ON THE SPECIFIC CONTRACTOR SUPPLYING THE MILLWORK OR FIXTURES, IS TO PROVIDE SHOP DRAWINGS OF ALL MILLWORK AND FIXTURES PRIOR TO START OF CONSTRUCTION, FOR APPROVAL BY THE CLIENT. IT IS NOT THE CLIENT'S RESPONSIBILITY TO FOLLOW UP ON THESE OR ANY OTHER REQUIRED SHOP DRAWINGS.

A. BY SUBMITTING SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS, THE CONTRACTOR REPRESENTS TO THE CLIENT AND ARCHITECT THAT THE CONTRACTOR HAS (1) REVIEWED AND APPROVED THEM, (2) DETERMINED AND VERIFIED MATERIALS, FIELD MEASUREMENTS AND FIELD CONSTRUCTION CRITERIA RELATED THERETO, OR WILL DO SO AND (3) CHECKED AND COORDINATED THE INFORMATION CONTAINED WITHIN SUCH SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND OF THE CONTRACT DOCUMENTS.

B. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK FOR WHICH THE CONTRACT DOCUMENTS REQUIRE SUBMITTAL AND REVIEW OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNTIL THE RESPECTIVE SUBMITTAL HAS BEEN APPROVED BY THE ARCHITECT.

C. THE WORK SHALL BE IN ACCORDANCE WITH APPROVED SUBMITTALS EXCEPT THAT THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY ANY APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE CLIENT IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND

C.1. THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION AS A MINOR CHANGE IN THE WORK, OR

C.2. A CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE HAS BEEN ISSUED AUTHORIZING THE DEVIATION.

C.3. THE CONTRACTOR SHALL DIRECT SPECIFIC ATTENTION IN WRITING OR ON RESUBMITTED SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS, TO REVISIONS OTHER THAN THOSE REQUESTED BY THE ARCHITECT ON PREVIOUS SUBMITTALS. IN THE ABSENCE OF SUCH WRITTEN NOTICE, THE ARCHITECT'S APPROVAL OF A RESUBMISSION SHALL NOT APPLY TO SUCH REVISIONS.

D. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE ARCHITECT'S APPROVAL THEREOF.

44. GENERAL CONTRACTOR TO PERFORM ALL LEASEHOLD IMPROVEMENTS AND FURNISH AND INSTALL ALL FIXTURES, UTILIZING SPECIFIED FIXTURE CONTRACTORS, IF NOTED.

45. THE GENERAL CONTRACTOR SHALL SUPPLY ALL NECESSARY GROUNDS FOR ALL MILLWORK AND FIXTURES, FITTINGS AND EQUIPMENT AS REQUIRED. CONTACT FIXTURE CONTRACTOR FOR SPECIFICS.

46. ALL EQUIPMENT, MILLWORK AND FIXTURES SUPPLIED BY THE TENANT TO BE UNLOADED, ASSEMBLED AND INSTALLED BY THE GENERAL CONTRACTOR.

47. THE PROPER RECEIPT OF ALL NEW MATERIALS AND EQUIPMENT AT THE JOB SITE IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR, AND / OR ITS SUBCONTRACTORS (IF ANY). SECURE AND SAFE STORAGE OF ALL NEW AND EXISTING MATERIALS AND EQUIPMENT TO REMAIN (IF ANY) WILL BE PROVIDED BY THE GENERAL CONTRACTOR. GENERAL CONTRACTOR TO IMMEDIATELY ADVISE TENANT OR TENANT'S REPRESENTATIVE OF ALL DAMAGED OR DEFICIENT SHIPMENTS OF MATERIALS AND EQUIPMENT, WHETHER SUPPLIED BY TENANT OR DIRECTLY BY CONTRACTOR OR THEIR SUPPLIERS. GENERAL CONTRACTOR TO COMPLETE AND SUBMIT ALL NECESSARY PAPERWORK AND ARRANGE INSPECTIONS OF DAMAGED GOODS AS PER TENANT CONSTRUCTION DEPT. REQUIREMENTS. NOTIFY TENANT, OR TENANT'S REPRESENTATIVE OF ANY POSSIBLE DELAYS. INCOMPLETE ORDERS AND DELAYS ARE TO BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE SUPPLIER AND THE ARCHITECT. SUBMIT CONFIRMATION OF ALL ORDERS, DELIVERY DATES, AND A FULL WRITTEN SCHEDULE TO TENANT'S ARCHITECT.

48. THE GENERAL CONTRACTOR SHALL UNLOAD, PROTECT AND INSTALL TENANT'S SPECIFIED EQUIPMENT, FIXTURES AND FURNISHINGS.

49. ALL EXISTING AND NEW BUILDING ENTRY GLASS AND DOORS, STOREFRONT AND INTERIOR GLAZING (IF APPLICABLE) MUST COMPLY WITH ALL APPLICABLE CODES, LANDLORD'S CRITERIA, LANDLORD'S AND TENANT'S CONTRACT DOCUMENTS AND SAFETY GLAZING STANDARDS. GENERAL CONTRACTOR TO VERIFY IN FIELD ALL EXISTING GLAZING TO REMAIN MEETS OR EXCEEDS SUCH CODES, STANDARDS, ETC. INCLUDING BUT NOT LIMITED TO TYPE, SUPPORT, FRAMING METHODS, ETC. AND UPGRADE IF OR AS REQUIRED. ALL STOREFRONTS TO BE INSTALLED BY GLAZING SUBCONTRACTORS CAREFULLY FOLLOWING REQUIREMENTS AND DETAILS FOR DESIGN AGAINST WIND LOAD CONSIDERATIONS, EVEN THOUGH SUCH INSTALLATION OF STOREFRONT GLAZING MAY BE IN AN ENCLOSED BUILDING. GENERAL CONTRACTOR TO VERIFY EXISTING STRUCTURAL SUPPORT/ HANGING CONDITIONS FOR STOREFRONT AND IF STRUCTURAL SPANS ABOVE FOR SUCH HANGING EXCEED NORMAL HANGING SUPPORT DETAILS OR SPAN AND / OR WIND LOAD CALCULATIONS ARE REQUIRED DUE TO LOCAL BUILDING DEPARTMENT REQUIREMENTS. THIS CONTRACTOR IS TO HIRE A LOCAL STRUCTURAL CONSULTANT TO DESIGN SUCH SUPPORT SYSTEM HANGERS AND COMPLETE ALL STRUCTURAL CALCULATIONS / DRAWINGS IN THOSE AREAS WHERE SUCH INFORMATION IS REQUIRED AND TO INCLUDE SUCH COSTS IN THE BID TO THE TENANT.

50. ANY SUBSTITUTIONS OF FINISH MATERIALS MUST BE APPROVED BY THE CLIENT IN WRITING. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SUBMITTING TWO (2) SAMPLES OF EACH SUBSTITUTION.

51. ALL CONCRETE FLOOR SLABS AND / OR FILLING IN OF DEPRESSED FLOOR AREAS LEVEL WITH CONCRETE OR OTHER APPROVED FINISHES WILL BE COMPLETED BY THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR TO INCLUDE MISCELLANEOUS STEEL FRAMING AND METAL DECK (IF APPLICABLE) AND CONCRETE INSTALLATION. ALL FLOOR SLAB PENETRATIONS SHALL HAVE WATERTIGHT SLEEVES EXTENDING A MINIMUM 4" A.F.F. AND MUST BE INSTALLED PER LANDLORD'S CRITERIA. CONCRETE SLABS MAY ONLY BE CORE DRILLED / SAW CUT, IF CONTRACTOR IS REQUIRED TO PENETRATE SUCH SLAB ABOVE, BELOW OR ADJACENT TO TENANT'S SPACE. COORDINATION AND APPROVAL BY THE LANDLORD WILL BE NECESSARY PRIOR TO CORE DRILLING / SAWCUTTING. IF THIS IS A STRUCTURAL SLAB, THEN ANY AND ALL PENETRATIONS THROUGH SLAB MUST BE COORDINATED WITH THE LANDLORD'S REPRESENTATIVE PRIOR TO STARTING WORK. GENERAL CONTRACTOR AND / OR THEIR PLUMBING / ELECTRICAL SUBCONTRACTOR, WITH LANDLORD'S PRIOR WRITTEN APPROVAL, TO CORE DRILL / SAW CUT, (WHICHEVER IS APPLICABLE) CONCRETE SLAB. IF SAW CUTTING OCCURS, INSTALL UNDER SLAB PLUMBING WASTE PIPING / ELECTRICAL CONDUIT. FURNISH AND INSTALL NEW CONCRETE SLAB IN EXCAVATED AREA TO MATCH EXISTING ADJACENT SLAB IN THICKNESS, STRESS AND STRENGTH. PIN BOTH EXISTING SIDES TO NEW SLAB WITH 1/2" DIAMETER STEEL RODS 12" O.C. STAGGERED.

52. ALL THE FLOOR FINISHES, WITHIN THE PREMISES, OR AT THE TRANSITION BETWEEN LANDLORD FLOOR FINISHES AND TENANT'S FLOOR FINISHES (AT ENTRY OR REAR DOOR, IF APPLICABLE) ARE TO BE SMOOTH AND LEVEL TO AVOID TRIPPING HAZARDS AND BE WITHIN THE REQUIREMENTS OF BARRIER- FREE DESIGN. IF AN EXPANSION JOINT COVER IS REQUIRED, SUCH COVER IS TO BE LEVEL AND SMOOTH WITH TENANT'S FLOOR FINISH ELEVATION AND WILL NOT PROJECT ABOVE SUCH FLOOR FINISH ELEVATION. IF THE EXISTING SLABS ARE NOT LEVEL, THE GENERAL CONTRACTOR IS REQUIRED TO COMPLETE EXTENSIVE FLASH PATCHING THROUGHOUT TO OBTAIN A SMOOTH AND LEVEL CONCRETE SLAB.

53. SHOULD AN EXPANSION JOINT OCCUR IN THE LEASED PREMISES, GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION AFFECTED BY SUCH JOINT. THIS INCLUDES FURNISHING AND INSTALLING A LEVEL, SLAB-HEIGHT EXPANSION JOINT COVER, INCLUDING FLOOR, WALLS AND CEILING. GENERAL CONTRACTOR SHALL MAINTAIN INTEGRITY OF ALL SUCH EXPANSION JOINTS IN A MANNER CONSISTENT WITH ACCEPTABLE CONSTRUCTION DESIGN PRACTICES.

54. ANY SCAFFOLDING, SAFETY RAILINGS, BARRICADES AND / OR PROTECTION DEVICES REQUIRED FOR THE PROJECT WILL BE FURNISHED AND PAID FOR BY THE GENERAL CONTRACTOR AS PART OF THE BASE BID. PROTECTION OF WORK IN PLACE THAT IS SUBJECT TO INJURY, BECAUSE OF OPERATIONS BEING CARRIED ON ADJACENT THERETO, SHALL BE COVERED, BOARDED UP, OR SUBSTANTIALLY ENCLOSED WITH ADEQUATE PROTECTION. ALL FORMS OF PROTECTION SHALL BE CONSTRUCTED IN A MANNER SUCH THAT, UPON COMPLETION, THE ENTIRE WORK WILL BE DELIVERED TO THE OWNER IN PROPER, WHOLE, AND UNBLEMISHED CONDITION. ALL SUCH WORK SHALL BE COORDINATED WITH THE TENANT'S REPRESENTATIVE. THE TENANT'S ARCHITECT IS NOT RESPONSIBLE FOR JOB SITE SAFETY OR EXISTING CONDITIONS AT THE JOB SITE. SINCE ALL WORK IS BY GENERAL CONTRACTOR FOR THE TENANT "FIT-OUT", THEIR REPRESENTATIVES WILL BE REQUIRED TO DO ALL SUPERVISION, OBSERVATIONS AND JOB SITE SAFETY.

55. THE STRUCTURAL SYSTEM OF THE BUILDING HAS BEEN DESIGNED TO CARRY A MAXIMUM LIVE LOAD AS SPECIFIED IN THE LANDLORD'S CRITERIA. THE LANDLORD'S OR TENANT'S GENERAL CONTRACTOR AND / OR THEIR SUBCONTRACTOR AND / OR ANY AND ALL MATERIAL SUPPLY HANDLERS ARE NOT TO IMPOSE ANY LOADING FOR ANY OF THE TENANT'S WORK ON A TEMPORARY OR PERMANENT BASIS WHICH CAN EXCEED SUCH SPECIFIED LOAD.

56. ANY ALTERATIONS, ADDITIONS, DRILLING, WELDING OR OTHER ATTACHMENT OR REINFORCEMENTS TO LANDLORD'S STRUCTURE TO ACCOMMODATE TENANT'S WORK SHALL NOT BE PERFORMED IN EACH INSTANCE WITHOUT THE GENERAL CONTRACTOR OBTAINING LANDLORD'S PRIOR WRITTEN APPROVAL. THIS CONTRACTOR SHALL LEAVE LANDLORD'S STRUCTURE AS STRONG AS, OR STRONGER THAN, THE ORIGINAL DESIGN AND WITH FINISHES UNIMPAIRED. ONLY UTILIZE LANDLORD'S DESIGNATED ROOFING CONTRACTOR FOR ALL ROOF PENETRATIONS, FLASHING AND COUNTER FLASHING.

57. SPRINKLER SYSTEM DESIGN AND / OR LAYOUT MODIFICATION (IF APPLICABLE) TO BE PROVIDED BY THE DESIGNATED SPRINKLER SUBCONTRACTOR AND ALL SUBMISSIONS TO THE FIRE MARSHAL AND BUILDING INSPECTOR FOR THE NECESSARY APPROVAL ARE THE RESPONSIBILITY OF THE SPRINKLER SUBCONTRACTOR. GENERAL CONTRACTOR TO VERIFY WITH THE LANDLORD OR LANDLORD'S CRITERIA IF SPRINKLER CONTRACTOR IS TO BE BY THE LANDLORD'S APPROVED OR DESIGNATED CONTRACTOR. SPRINKLER HEAD SPACING TO CONFORM WITH THE LATEST N.F.P.A. STANDARDS (#13) AND ALL CODES HAVING JURISDICTION. SPRINKLER HEAD BRANCH LINES, DROPS AND HEADS ARE THE RESPONSIBILITY OF THE SPRINKLER SUBCONTRACTOR AND THE DESIGN MUST BE BASED ON FLOOR LAYOUT AND REFLECTED CEILING PLANS. APPROVALS BY LANDLORD, LANDLORD'S INSURANCE UNDERWRITER AND THE BUILDING INSPECTOR AND FIRE MARSHAL WILL BE REQUIRED.

58. THE MECHANICAL SUBCONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE PRIOR TO SUBMITTING A BID FOR THE WORK ON THIS PROJECT. THE CONTRACTOR MUST BECOME FAMILIARIZED WITH THE FIELD CONDITIONS, AND THE SCOPE OF WORK. CONTRACTOR TO ENGINEER (UNLESS A FIRE ALARM DRAWING IS SUBMITTED AS A PART OF THESE CONTRACT DOCUMENTS), FURNISH AND INSTALL ANY / ALL REQUIRED FIRE ALARM, SMOKE EVACUATION, SMOKE DETECTION SYSTEMS, INCLUDING ANY / ALL PARTS AND LABOR (OR MODIFY EXISTING AS REQUIRED), TO MEET LOCAL CODES, LANDLORD REQUIREMENTS AND FIRE MARSHAL SPECIFICATIONS, WHETHER SUCH WORK IS OR IS NOT SHOWN IN THE CONSTRUCTION DOCUMENTS. IF A SMOKE EVACUATION AND / OR DETECTION SYSTEM OCCURS FOR THIS SPACE, IT SHALL BE LEFT INTACT DURING CONSTRUCTION AND ANY NEW WORK, MODIFICATION AND REWIRING TO BE COMPLETED DURING CONSTRUCTION PHASE TO POINT OF NEW PANELS. IF SMOKE DETECTORS ARE REQUIRED TO BE HARD WIRED TO LANDLORD FIRE ALARM SYSTEM, THEY ARE TO BE PER LANDLORD'S SYSTEM. CONTRACTOR TO CONTACT LANDLORD OR APPROVED AGENTS FOR PURCHASE AND INSTALLATION OF DETECTORS AT G.C. EXPENSE. G.C. AND / OR THEIR FIRE ALARM SUBCONTRACTOR TO CONTACT LANDLORD FOR FINAL POINT OF CONNECTION TO LANDLORD'S FIRE ALARM JUNCTION BOX AND PERFORM WORK AT CONTRACTOR'S EXPENSE.

59. THE GENERAL CONTRACTOR WILL FURNISH AND INSTALL A COMPLETE MECHANICAL SYSTEM TO INCLUDE BUT NOT BE LIMITED TO MECHANICAL EQUIPMENT, INSTALLED AND MOUNTED WITH DISCONNECT AND WIRING, HANGERS AND DUNNAGE FOR SAME (INCLUDING THE HIRING OF A LOCAL STRUCTURAL ENGINEER TO DESIGN SUCH DUNNAGE HANGERS), DUCTWORK, COLLARS, DIFFUSERS, REGISTERS, CONTROLS, TIME CLOCKS, ETC., WHETHER OR NOT SUCH WORK IS OR IS NOT SHOWN OR DELINEATED IN THE CONTRACT DOCUMENTS. GENERAL CONTRACTOR'S MECHANICAL CONTRACTOR(S) IS / ARE REQUIRED TO COORDINATE WITH ALL OTHER CONTRACTORS ON JOB TO MAINTAIN TENANT'S CEILING HEIGHT, LIGHT FIXTURE LOCATION, SPRINKLER BRANCH LINES, ETC.

60. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING ALL TOILET ACCESSORIES, AS WELL AS THE NEW TOILET ROOM(S), DRINKING FOUNTAIN AND SERVICE SINK (IF APPLICABLE) IN THESE PREMISES UNLESS NOTED OTHERWISE OR EXISTING. TOILET ACCESSORY AND FIXTURE MOUNTING HEIGHTS TO BE THE HEIGHT NOTED ON THE LATEST A.D.A. / CABO / ANSI REGULATIONS AS REQUIRED BY LOCAL BUILDING AGENCIES AND PLUMBING CODES. THE GENERAL CONTRACTOR TO FURNISH AND INSTALL NEW TOILET EXHAUST WITH ASSOCIATED DUCTWORK, ROOF PENETRATIONS, OR HOOK UP TO COMMON EXHAUST DUCT WITH BACKDRAFT DAMPER ETC., INCLUDING ASSOCIATED ELECTRICAL HOOKUP AND PANEL CONNECTIONS, OR REFURBISH EXISTING LIGHT / FAN UNIT(S) TO LIKE NEW CONDITION, (WHERE NOTED ON THE PLANS), WHETHER SUCH WORK IS SHOWN OR NOT SHOWN IN THE CONSTRUCTION DOCUMENTS. THE TOILET ROOM IS OF THE A.D.A. AND / OR CABO / ANSI TYPE AND ALL PLUMBING FIXTURES AND TOILET ACCESSORIES ARE TO BE FURNISHED AND INSTALLED BY THE GENERAL CONTRACTOR, BUT WITH SPECIFICATIONS AND MOUNTING HEIGHTS HANDICAPPED ACCESSIBLE, UTILIZING ABOVE SPECIFICATIONS ONLY AS A GUIDELINE.

61. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL SUBCONTRACTOR TO ENGINEER AND INSTALL ALL NECESSARY MISCELLANEOUS STRUCTURAL STEEL SHAPES. SHAPES TO BE INSTALLED WHERE DIRECTED BY THE LANDLORD'S REPRESENTATIVE FOR ADDITIONAL MECHANICAL UNIT ROOFTOP SUPPORT AND THE SUPPORT OF INTERIOR MECHANICAL EQUIPMENT, DUCTWORK, COLLARS, DIFFUSERS, REGISTERS, EXHAUSTS, FANS, ETC.

62. ALL GYPSUM BOARD TO BE 5/8" THICK, FIRE CODE TYPE 'X' ON BOTH SIDES OF WALL (WATER RESISTANT IN TOILET ROOMS) AND ALL METAL STUDS TO BE 3 5/8". METAL STUDS ARE MINIMUM GAUGE PER CODE, AND AT 16" O.C. TO UNDERSIDE OF DECK ABOVE, UNLESS OTHERWISE NOTED. DEMISING WALL FIRE RATING TO BE CONFIRMED BY GENERAL CONTRACTOR RESPONDING TO LANDLORD AND CODE REQUIREMENTS. SEE CONTRACT DOCUMENTS FOR WALL INDICATIONS. ALL PENETRATIONS FOR SUPPLY OR RETURN AIR, ETC., TO HAVE PROPERLY INSTALLED FIRE DAMPERS MEETING THE LATEST FIRE DEPARTMENT REQUIREMENTS, BASED ON SPECIFIC LOCATION OF TENANT'S SPACE IN BUILDING. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING APPROVAL FROM THE BUILDING AND ELECTRICAL INSPECTORS FOR ALL CONCEALED WORK, PRIOR TO CLOSING UP WALLS, FLOORS, AND CEILINGS.

63. ALL GYPSUM BOARD TO BE APPLIED VERTICALLY ON WALLS UNLESS OTHERWISE NOTED. ALL GYPSUM WALL BOARD TO BE FIRE RESISTANT AND NON-COMBUSTIBLE, AS SPECIFIED BY LOCAL CODES.

64. ALL METAL FRAMING AND GYPSUM BOARD PARTITIONS, SOFFITS AND FACADES BY THE GENERAL CONTRACTOR, UNLESS OTHERWISE NOTED.

65. ALL GYPSUM BOARD TO BE FIRE TAPED AND SPACKLED THREE (3) COATS, SANDED AND READY TO RECEIVE LEVEL 4 PAINT OR WALL COVERING. ALL EXISTING GYPSUM BOARD TO BE REPAIRED TO "LIKE NEW" CONDITION.

66. ALL DOORS, METAL BUCKS, TRIMMED OPENINGS AND HARDWARE (INCLUDING LOCKS) TO BE PROVIDED BY THE GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.

67. ALL SWITCH / OUTLET PLATES / COVERS TO BE FINISHED IN SAME COLOR / WALL COVERING AS ADJACENT WALL FINISHES, UNLESS NOTED OTHERWISE. FACTORY-PAINTED GRILLES, DIFFUSERS, METAL TRIM (BUCKS, ETC.), ACCESSORIES, SWITCH AND OUTLET PLATES, ETC., ARE TO BE PAINTED TO MATCH ADJACENT SURFACE IN AN ENAMEL, CLEANABLE FINISH, OR AS SPECIFIED ON THE CONTRACT DOCUMENTS.

68. THE GENERAL CONTRACTOR IS RESPONSIBLE TO CUT AND FRAME ALL OPENINGS FOR OTHER TRADES, SUCH AS MECHANICAL, SPRINKLER, PLUMBING, ELECTRICAL, FIXTURE CONTRACTOR, THROUGH PARTITIONS AND STRUCTURAL WALLS. ALL PENETRATIONS THROUGH RATED WALLS, WITH DUCTS OR PIPING, TO BE FILLED AT OPENING WITH "FIRESTOPPING" MATERIALS TO MAINTAIN THE INTEGRITY OF THE SPECIFIED RATING OF THE WALL.

69. GENERAL CONTRACTOR AND ALL SUBCONTRACTORS ARE REQUIRED TO FURNISH INSURANCE COVERAGE AND LIMITS OF LIABILITY TO MEET CLIENT'S AND BUILDING LANDLORD LIMITS AND ARE REQUIRED TO CHECK WITH CLIENT AND LANDLORD PRIOR TO SUBMITTING THEIR BID FOR PROPOSAL. IF TENANT'S REQUIREMENTS ARE MORE STRINGENT, GENERAL CONTRACTOR IS REQUIRED TO ADHERE TO THE MOST STRINGENT REQUIREMENTS.

70. IF A REAR EXIT DOOR EXISTS, THEN THE GENERAL CONTRACTOR IS REQUIRED TO FURNISH AND INSTALL AN APPROVED AUDIBLE TYPE PANIC BAR ASSEMBLY FOR SUCH REAR EXIT DOOR(S). PAINT OUTSIDE OF DOOR AS PER LANDLORD'S REQUIREMENTS (UNLESS WORK IS PREVIOUSLY COMPLETED BY LANDLORD). GENERAL CONTRACTOR TO PLACE TENANT'S NAME IN TYPE, SIZE AND LOCATION ON OUTSIDE OF DOOR AS PER LANDLORD'S TYPICAL DESIGN REQUIREMENTS. IF DOOR IS IN NEED OF REPAIR OR REPLACEMENT, GENERAL CONTRACTOR TO COMPLETE SUCH WORK, AND INCLUDE COSTS IN BID TO TENANT.

71. ALL PAYMENTS MADE TO THE GENERAL CONTRACTOR FOR THIS PROJECT ARE TO BE ALLOCATED FOR THIS PROJECT ONLY, FOR PAYMENTS TO SUBCONTRACTORS, MATERIAL SUPPLIERS AND AGENTS AUTHORIZED BY THE SPECIFIC CONTRACTOR TO PERFORM WORK OR SUPPLY MATERIALS TO THIS PROJECT ONLY. PAYMENTS TO GENERAL CONTRACTOR ARE BY TENANT, UNLESS CONTRACT STATES OTHERWISE. THE GENERAL CONTRACTOR MUST PURCHASE ALL MATERIALS FROM SPECIFIED VENDORS, AND MUST DOCUMENT ALL PURCHASES FOR WHICH A PAYMENT BY TENANT IS MADE.

72. THE GENERAL CONTRACTOR IS REQUIRED TO SUBMIT PARTIAL WAIVERS OF LIENS FOR THEIR WORK AS WELL AS SUBCONTRACTORS OR MATERIAL SUPPLIERS, UPON THE REQUEST OF THE TENANT OR THE TENANT'S ARCHITECT AND THE REQUEST FOR THE FINAL 10% RETENTION ON THIS PROJECT MUST INCLUDE SIGNED AND EXECUTED WAIVERS OF LIEN INDICATING 100% COMPLETION AND 100% PAYMENT IN FULL (WITH FULL WARRANTY) BY ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS, INCLUDING COMPLETION OF ALL PUNCHLIST ITEMS.

73. ALL WORK THAT NEEDS TO BE COMPLETED BY THE GENERAL CONTRACTOR BELOW OR ABOVE THE PREMISES MAY HAVE TO BE DONE IN OTHER TENANT'S DEMISED PREMISES AND SUCH WORK NEEDS TO BE DONE IN COORDINATION WITH THE TENANTS BELOW, OR ABOVE, INCLUDING ANY OVERTIME WORK OR PAYMENT FOR SECURITY THAT MAY BE NECESSARY. THE COST FOR THIS WORK, INCLUDING OVERTIME, MUST BE INCORPORATED IN THE BASE BID TO THE TENANT. THE GENERAL CONTRACTOR TO INCLUDE IN ITS BASE BID, ALL COSTS IN COMPLETING BELOW SLAB WASTE PIPING, OVERHEAD DOMESTIC WATER LINES, VENT LOOPS OR PENETRATIONS THROUGH ROOF AS WELL AS ALL SECURITY COSTS, REPAIRS TO WALLS, CLEANING, FLOORS IN TENANT'S SPACE, LANDLORD'S SPACE OR ADJOINING TENANT'S SPACES.

74. THE CONSTRUCTION DRAWINGS LISTED IN THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON THE BEST INFORMATION AVAILABLE TO TENANT DURING PREPARATION OF THE CONTRACT DOCUMENTS. IN THE EVENT THAT PROBLEMS ARISE DURING THE COURSE OF THE PROJECT, DUE TO UNKNOWN SITE CONDITIONS OR CODE AND LANDLORD REQUIREMENTS (IF ANY) THAT CONFLICT WITH THE CONTRACT DOCUMENTS, THE GENERAL CONTRACTOR SHALL INFORM THE TENANT'S ARCHITECT IMMEDIATELY. ANY CHANGES THAT WILL BE REQUIRED WILL BE DELINEATED BY TENANT ARCHITECT.

75. THE GENERAL CONTRACTOR IS REQUIRED TO ADHERE TO ALL NEW REQUIREMENTS, WHETHER STATED OR NOT ON THESE CONTRACT DOCUMENTS, PER THE LATEST A.D.A. LAW. THIS LAW IS A CIVIL RIGHTS LAW AND THE EXCLUSION OF REQUIREMENTS BY THE LOCAL CODE OFFICIALS DOES NOT RELIEVE THE TENANT OR THE GENERAL CONTRACTOR OF ADHERING TO THE NECESSARY WORK, EITHER DURING CONSTRUCTION OR AFTER OCCUPANCY.

76. QUALITY STANDARDS: ALL SUCH WORK SHALL BE PERFORMED IN A FIRST-CLASS WORKMANLIKE MANNER AND SHALL BE IN GOOD AND USABLE CONDITION AT THE DATE OF COMPLETION THEREOF. GENERAL CONTRACTOR SHALL REQUIRE ANY PERSON PERFORMING ANY SUCH WORK TO GUARANTEE THE SAME TO BE FREE FROM ANY AND ALL DEFECTS IN WORKMANSHIP AND MATERIALS FOR ONE (1) YEAR FROM THE DATE OF ISSUANCE OF THE CERTIFICATE OF OCCUPANCY. TENANT SHALL ALSO REQUIRE ANY SUCH PERSON TO BE RESPONSIBLE FOR THE REPLACEMENT OR REPAIR WITHOUT ADDITIONAL CHARGE, OF ANY AND ALL WORK DONE OR FURNISHED BY OR THROUGH SUCH PERSON, WHICH SHALL BECOME DEFECTIVE WITHIN ONE (1) YEAR AFTER COMPLETION OF THE WORK. THE CORRECTION OF SUCH WORK SHALL INCLUDE, WITHOUT ADDITIONAL CHARGE, ALL EXPENSES AND DAMAGES IN CONNECTION WITH SUCH REMOVAL, REPLACEMENT OR REPAIR OF ANY PART OF THE WORK WHICH MAY BE DAMAGED OR DISTURBED THEREBY. ALL WARRANTIES OR GUARANTEES AS TO MATERIALS OR WORKMANSHIP ON OR WITH RESPECT TO TENANT'S WORK SHALL BE CONTAINED IN THE CONTRACT OR SUBCONTRACT WHICH SHALL INSURE TO THE BENEFIT OF BOTH LANDLORD AND TENANT, AS THEIR RESPECTIVE INTERESTS APPEAR AND CAN BE DIRECTLY ENFORCED BY EITHER. THE GENERAL CONTRACTOR TO HAVE THIS CLAUSE IN EVERY SUBCONTRACTOR AGREEMENT FOR THE PROJECT. IF SUCH CLAUSE IS NOT INCLUDED, IT WILL NOT RELIEVE THE GENERAL CONTRACTOR OF THE REQUIREMENTS OR WORK STATED HEREIN.

77. TENANT'S WORK SHALL BE COORDINATED WITH THAT OF LANDLORD AND OTHER TENANTS IN THE BUILDING TO SUCH EXTENT THAT TENANT'S WORK WILL NOT INTERFERE WITH OR DELAY COMPLETION OF OTHER CONSTRUCTION WORK IN THE BUILDING.

78. CONTRACTOR IS TO VERIFY THAT THIS SPACE IS ASBESTOS-FREE. NO ASBESTOS WORK IS TO BE COMPLETED BY THIS CONTRACTOR UNLESS SPECIFICALLY NOTED IN THESE CONTRACT DOCUMENTS. IF ASBESTOS IS UNCOVERED, NOTIFY THE TENANT'S REPRESENTATIVE IMMEDIATELY AND STOP ALL WORK.

79. THE GENERAL CONTRACTOR, AT THE POINT OF "SUBSTANTIAL COMPLETION" AND "TURNOVER" OF PREMISES TO TENANT, MUST COMPLETE, AT GENERAL CONTRACTOR'S COST AND EXPENSE (FINAL PAYMENT CANNOT BE REQUESTED TO TENANT BY THIS GENERAL CONTRACTOR UNLESS ALL OF THIS WORK NOTED IS COMPLETED):

A. FINAL INSPECTIONS BY ALL BODIES HAVING JURISDICTION NECESSARY FOR FINAL COMPLETION, CERTIFICATE OF OCCUPANCY OR COMPLETION, WHICHEVER IS APPLICABLE.

B. THE GENERAL CONTRACTOR TO FINALIZE ALL APPLICABLE LANDLORD AND TENANT PUNCH LISTS AND / OR REQUIREMENTS, PAY ALL APPLICABLE LANDLORD AND / OR TENANT CHARGES ALLOCATED TO THE SATISFACTION OF BOTH THE LANDLORD AND THE TENANT.

C. FINALIZE CHANGES ON PLANS AND SPECIFICATIONS AND MARK ALL APPROVED LANDLORD, BUILDING DEPARTMENT, FIRE MARSHAL AND TENANT CHANGES ON A SET OF PRINTS FOR BOTH TENANT AND TENANT'S ARCHITECT AND FORWARD SUCH INFORMATION TO BOTH PARTIES VIA OVER NIGHT DELIVERY. MARKS SHALL BE COMPLETED USING A CLOUD PROCEDURE WITH A RED FELT TIP PEN TO EASILY DISTINGUISH CHANGES FROM ORIGINAL WORK.

D. PREPARE A WRITTEN OPERATING PROCEDURE FOR STORE MANAGEMENT FOR MECHANICAL EQUIPMENT AND CHANGE FILTERS FOR EQUIPMENT, ON DAY OF TURNOVER, IF APPLICABLE.

E. PAY IN FULL ALL MATERIAL SUPPLIERS AND FIXTURE CONTRACTORS THAT TENANT PREVIOUSLY SELECTED OR WHO MAY BE SPECIFIED ON THESE CONTRACT DOCUMENTS WITH REQUESTS FOR WARRANTIES GATHERED, FOR TURNOVER TO TENANT FOR RECORD PURPOSES.

F. TURN OVER ALL KEYS TO STORE MANAGEMENT.

80. GUARANTEES FOR ALL WORK BY SUBCONTRACTORS SHALL BE FOR A PERIOD OF ONE (1) YEAR, FROM THE DATE OF ISSUANCE OF THE CERTIFICATION OF OCCUPANCY UNLESS OTHERWISE NOTED. AT THE TIME OF FINAL SUBMITTAL FOR ALL COSTS BY THE GENERAL CONTRACTOR TO THE LANDLORD, INCLUDING BASE BID, EXTRAS AND CREDITS, THE GENERAL CONTRACTOR'S SUBCONTRACTORS SHALL FURNISH TO THE TENANT A WRITTEN GUARANTEE STIPULATING THAT, AT NO ADDITIONAL COST TO THE TENANT, ANY DEFECTIVE WORK OR MATERIALS SHALL BE REPAIRED OR REPLACED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE OF WORK, UNLESS OTHERWISE NOTED. IF SUCH WORK AFFECTS TENANT'S OTHER WORK, TENANT'S OTHER WORK IS TO BE COMPLETED BY THE SUBCONTRACTOR AT NO COST TO THE LANDLORD OR TENANT.

81. UPON COMPLETION OF WORK, THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS ARE TO OBTAIN A CERTIFICATE OF COMPLETION AND APPROVAL FROM THE BUILDING DEPARTMENT, OR OTHER AUTHORITIES HAVING JURISDICTION, AND SUBMIT SAME TO THE TENANT'S ARCHITECT. FINAL PAYMENT WILL NOT BE ISSUED BY THE TENANT PRIOR TO RECEIPT OF SUCH CERTIFICATES.

82. UPON COMPLETION OF ALL CONSTRUCTION AND PRIOR TO TURNOVER OF THE SPACE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR HAVING THE SPACE CLEANED. ANY CLEANING WHICH IS NOT DONE AT THE TIME OF TURNOVER AND NEEDS TO BE DONE BY THE TENANT, WILL BE BACK CHARGED TO THE GENERAL CONTRACTOR.

83. ALL OF THE SUBCONTRACTORS QUOTING ON THEIR SPECIFIC SCOPE OF WORK / SERVICES TO CONTACT THE LOCAL BUILDING DEPARTMENT/AGENCY TO DISCUSS CODE ISSUES / IDIOSYNCRASIES REGARDING THEIR SERVICES AND THE QUOTE ASSOCIATED WITH THE SERVICES TO THE GENERAL CONTRACTOR FOR THIS PROJECT. THIS CONTRACTOR TO BE FAMILIAR WITH THE SITE WHERE SUCH SERVICES / WORK WILL BE PERFORMED, THIS SPECIFIC USE AND THE IDIOSYNCRASIES ASSOCIATED WITH THE LIFE, SAFETY AND HEALTH ASSOCIATED WITH THIS WORK AND TO INDICATE ON THE QUOTE ANY ITEMS REQUIRED THAT ARE NOT NECESSARILY SHOWN ON THE DRAWINGS / SPECIFICATIONS.

84. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CHANGES TO APPLICATIONS NOT CONSISTENT WITH CONTRACT DOCUMENTS IN ALL CASES, INCLUDING "SELF CERTIFICATION" BY THE ARCHITECT.

TRICARICO ARCHITECTURE AND DESIGN PC
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NICHOLAS J. TRICARICO
FLORIDA LICENSE # AR0007605

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THE GENERAL CONTRACTOR AND/OR ALL SUB-CONTRACTORS WORKING FROM THESE PLANS AND SPECIFICATIONS ARE NOT TO SCALE SUCH INFORMATION BUT TO CONTACT THE ARCHITECT OR HIS REPRESENTATIVE REGARDING MEASUREMENTS, IF SUCH MEASUREMENTS DO NOT APPEAR CORRECT, ADD UP PROPERLY OR SCALE CORRECTLY TO THE INDICATED SIZE.

DATE:	ISSUE:
09.14.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE: NO.: REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: RAL
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME: GENERAL NOTES

DRAWING NO.: T1.2

FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico Digitally signed by Nicholas J. Tricarico Date: 2022.10.04 13:34:19 -04'00'

SEAL

STATE OF FLORIDA NICHOLAS TRICARICO AR0007605 REGISTERED ARCHITECT

SEAL

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

RESPONSIBILITY SCHEDULE

ITEMS	DIVISIONS	N/A	EXISTING	L.L. FURNISH	L.L. INSTALL	G.C. FURNISH	G.C. INSTALL	CRESCO FURNISH	CRESCO INSTALL	CRESCO VENDOR FURNISH	CRESCO VENDOR INSTALL	REMARKS
DIVISION 01- GENERAL REQUIREMENTS												
GENERAL REQ.	SITE SUPERVISION					●						
	OVERTIME SUPERVISION					●						
	INSURANCE					●						IN AIA CONTRACT AND RULES AND REGULATIONS.
	LANDLORD FEES					●						IF APPLICABLE REFUNDABLE FEES TO BE EXCLUDED.
	PROJECT MANAGER					●						
	NIGHT WORK					●						MEET CLIENT CONSTRUCTION SCHEDULE & AS PER CLIENT REQUIREMENTS.
	FLOOR PROTECTION					●	●					MASONITE THROUGHOUT SPACE AFTER FLOOR APPLICATION/INSTALL.
	TOOLS AND EQUIPMENT					●						
	PROGRESS CLEANING					●						TO BE COMPLETED DAILY
	DUMPSTER/CONTAINERS					●	●					COORDINATE LOCATION WITH LANDLORD AND/OR PER CITY REGULATIONS.
	PLAN REPRODUCTION					●						
	FEDEX					●						
	SITE OFFICE SET-UP					●	●					
	OVERNIGHT SECURITY					●						AS REQUIRED.
	BUILDING PERMIT FEE PICK-UP					●						OWNER TO REIMBURSE DIRECT NO MARK-UP.
	ALL OTHER PERMITS					●						AS REQUIRED BY LOCAL BUILDING DEPT. OWNER TO REIMBURSE DIRECT NO MARK-UP.
	INSPECTIONS					●						AS REQUIRED.
	TEMPORARY UTILITIES					●	●					
	TEMPORARY CONSTRUCTION					●	●					AS REQUIRED.
	TEMPORARY BARRICADE					●	●					
	LABOR					●						UNLOAD AND UNPACK OWNER PROVIDED MATERIAL.
	LABOR - OTHER					●						
	SPECIAL INSPECTIONS					●						
	PRE-OPENING GRAPHICS							●	●			GRAPHICS LAYOUT TO BE PROVIDED BY CLIENT.
DIVISION 02- EXISTING CONDITIONS												
EXISTING CONDITIONS	DEMOLITON					●	●					
	EXISTING WALL CONSTRUCTION		●									
	EXTERIOR FACADE		●									
DIVISION 03- CONCRETE												
CONCRETE	TRENCHING/CORING/X-RAY OF SLAB					●	●					INCLUDING SLAB X-RAY TO BE COORDINATED WITH LANDLORD IF APPLICABLE.
	SLAB REPAIR AND LEVELING					●	●					PREPARATION OF SLAB TO RECEIVE NEW FLOOR FINISH.
	CONCRETE SLAB - PRIME AND SEAL					●	●					
	CONCRETE CUTTING AND PATCHING					●	●					
	EXPANSION JOINT					●	●					IF APPLICABLE
DIVISION 04- MASONRY												
MASONRY	CMU WALL		●									
	STEEL STRUCTURE		●									
DIVISION 05- METALS												
METALS	UNISTRUTS SYSTEM					●	●					
	METAL FLASHING					●	●					
	STRUCTURAL STEEL AND BEAM		●									
	METAL STUDS, TRACK AND FASTENERS					●	●					
	METAL ANGLE SUPPORT					●	●					
	MISC. METAL					●	●					
DIVISION 06- WOOD, PLASTICS AND COMPOSITES												
WOOD, PLASTICS AND COMPOSITES	FIRE RATED WOOD/PLYWOOD BLOCKING					●	●					
	BUILT-IN MILLWORK						●			●		CHECK-IN DESK AND TELLER STATION MILLWORK
	BUILT-IN BREAK AREA CABINETS AND COUNTERS					●	●					
	ILLUMINATED LOGO FEATURE WALL						●			●		
	LOOSE SALES AREA FLOOR FIXTURES									●	●	G.C. TO COORDINATE WITH CLIENT'S VENDOR.
	LAMINATES AND PLASTICS FOR BOH MILLWORK					●	●					SEE SHEET A6.1 FOR LOCATIONS.
	LAMINATES AND PLASTICS FOR FOH MILLWORK						●			●		
DIVISION 07- THERMAL AND MOISTURE PROTECTION												
THERMAL AND MOISTURE PROTECTION	FIRE PROOFING/FIRE STOPPING		●									AS REQUIRED.
	ROOFING MEMBRANE		●									AS REQUIRED.
	ROOF PATCHING					●	●					AS REQUIRED.
	WATERPROOFING					●	●					AS REQUIRED.
	VAPOR BARRIER INSULATION					●	●					AS REQUIRED.
	WATERPROOF AIR & MOISTURE BARRIER					●	●					AS REQUIRED.
	RIGID & BATT INSULATION					●	●					AS REQUIRED.
DIVISION 08- OPENINGS												
OPENINGS	EXTERIOR GLAZING SYSTEM		●									
	ACCESS PANELS					●	●					G.C. TO PROVIDE AS REQUIRED BY CODE AT CEILING LOCATIONS.
	DOORS AND HARDWARE					●	●					REFER TO DOOR SCHEDULE.
	ELECTRIC STRIKE					●	●					SEE SECURITY DRAWING A4.3 FOR LOCATIONS.

ITEMS	DIVISIONS	N/A	EXISTING	L.L. FURNISH	L.L. INSTALL	G.C. FURNISH	G.C. INSTALL	CRESCO FURNISH	CRESCO INSTALL	CRESCO VENDOR FURNISH	CRESCO VENDOR INSTALL	REMARKS
DIVISION 09- FINISHES												
FINISHES	GYP BOARD WALLS AND CEILING SYSTEMS					●	●					FINISH LEVEL 4 REQUIRED AT ALL AREAS U.O.N.
	ACOUSTICAL TILES CEILING SYSTEMS					●	●					
	PAINT					●	●					FINISH LEVEL 4 REQUIRED AT ALL AREAS U.O.N.
	PORCELAIN FLOOR TILE						●	●				
	PORCELAIN FLOOR TILE GROUT					●	●					SEE FINISH LEGEND ON A3.1 FOR SPECIFICATIONS
	LUXURY VINYL TILES						●	●				
	LUXURY VINYL TILE ADHESIVE						●	●				
	VINYL BASE					●	●					SEE FINISH LEGEND ON A3.1 FOR SPECIFICATIONS
	CERAMIC WALL TILE						●	●				
	CERAMIC WALL TILE GROUT					●	●					SEE FINISH LEGEND ON A3.1 FOR SPECIFICATIONS
	WALLCOVERING					●	●					SEE FINISH LEGEND ON A3.1 FOR SPECIFICATIONS
	TRANSITION STRIPS					●	●					SEE TRANSITION DETAILS ON A3.1 FOR SPECIFICATIONS
DIVISION 10- SPECIALTIES												
SPECIALITIES	EXTERIOR SIGNS									●	●	SHOP DWGS & ALL PERMITS BY CLIENT'S SIGNAGE VENDOR. GC TO PROVIDE POWER STUB. SIGN VENDOR TO DO FINAL CONNECTION
	INTERIOR SIGNS									●	●	SHOP DWGS & ALL PERMITS BY CLIENT'S SIGNAGE VENDOR.
	ACCESSIBILITY SIGNAGE						●			●		SEE T-1.4 FOR REQUIREMENTS.
	TOILET ROOM SIGNAGE						●			●		SEE T-1.4 FOR REQUIREMENTS.
	OFFICE DESK AND FURNITURE							●	●			
	BOH SHELVING						●	●				IN VAULT
	WORKSTATION IN VAULT						●	●				
	WASHROOM ACCESSORIES					●	●					
	FRIDGE/MICROWAVE							●	●			G.C. TO PROVIDE WATER LINE FOR ICE MAKER AT REFRIGERATOR
	TV MONITORS						●	●	●			G.C. TO PROVIDE F.R. BACKING AND POWER
	FIRE EXTINGUISHERS					●	●					FINAL LOCATION AND NUMBER TO BE APPROVED BY FIRE MARSHALL. G.C. TO VERIFY PRIOR TO PLACEMENT.
	POS REGISTERS									●	●	G.C. TO PROVIDE POWER
	LOCKERS						●	●				
	ATM MACHINE						●			●	●	GC TO PROVIDE POWER AND SITE COORDINATION.
DIVISION 21- FIRE SUPPRESSION												
FIRE SUPPRESSION	SPRINKLER (MAIN)	●										
	SPRINKLER SYSTEM DESIGN/ MODIFICATION	●										
	SPRINKLER HEADS & BRANCH LINES	●										
DIVISION 22- PLUMBING												
PLUMBING	WATER SERVICE		●			●	●					MODIFY EXISTING AS REQUIRED.
	SANITARY LINE		●			●	●					MODIFY EXISTING AS REQUIRED.
	PLUMBING VENT LINE		●			●	●					MODIFY EXISTING AS REQUIRED.
	WATER HEATER					●	●					
	MOP SINK AND FAUCET					●	●					
	FLOOR DRAIN					●	●					
	PLUMBING FIXTURES AND ACCESSORIES					●	●					
	KITCHEN SINK AND ACCESSORIES					●	●					AT BREAK ROOM
	DRINKING FOUNTAIN					●	●					
	ASSOCIATED PLUMBING WORK		●			●	●					MODIFY EXISTING.
	MODIFICATIONS, EXTENSIONS AND TIE-IN		●			●	●					MODIFY EXISTING AS REQUIRED.
DIVISION 23- HEATING, VENTILATING, AND AIR CONDITIONING												
HVAC	EXHAUST SYSTEM		●			●	●					MODIFY EXISTING AS REQUIRED.
	FILTRATION SYSTEM					●	●					
	HVAC EQUIPMENT					●	●					SEE MECHANICAL DRAWINGS FOR MORE INFORMATION
	SUPPLEMENTAL HVAC EQUIPMENT					●	●					IF APPLICABLE
	HVAC WIRE AND CONNECTIONS		●			●	●					IF APPLICABLE
	HVAC EQUIPMENT STRUCTURAL SUPPORT		●									
	DUCT WORK		●			●	●					SEE MECHANICAL DRAWINGS FOR MORE INFORMATION
	FIRE DAMPER	●										
	DIFFUSER AND GRILLE					●	●					
	EXHAUST FAN					●	●					
	THERMOSTATS AND CONTROLS					●	●					
	AIR BALANCING AND TEST					●	●					
	ECONOMIZER					●	●					
	TRANSFER GRILLE					●	●					
	FIRE DAMPER					●	●					
	SMOKE DAMPER					●	●					

ITEMS	DIVISIONS	N/A	EXISTING	L.L. FURNISH	L.L. INSTALL	G.C. FURNISH	G.C. INSTALL	CRESCO FURNISH	CRESCO INSTALL	CRESCO VENDOR FURNISH	CRESCO VENDOR INSTALL	REMARKS
DIVISION 26- ELECTRICAL												
ELECTRICAL	EMERGENCY LIGHTING AND EXIT SIGNS					●	●					
	LIGHT FIXTURES						●	●				
	LIGHTING CONTROLS						●	●				NO DIMMING AT ANY CONTROLS
	ELECTRICAL SERVICE					●	●					REFER TO ELECTRICAL SHEETS.
	MAIN SERVICE CONDUIT		●									
	DISCONNECT SWITCH IN TENANT SPACE		●									
	ELECTRICAL PANELS (INCL. BREAKERS)		●									
	METER		●									
	METER SOCKET		●									
	TIME CLOCK					●	●					
	CONTACTORS					●	●					
	ELEC. EQUIPMENT ROUGH-IN					●	●					
	ELEC. EQUIPMENT FINISH					●	●					
	CONVENIENCE OUTLETS					●	●					
	WALL SWITCH					●	●					
	TELEPHONE JUNCTION BOX					●	●					
	EMPTY CONDUITS WITH PULL STRING					●	●					
	PERIMETER J-BOXES AND WIRED					●	●					
	P.O.S. WIRING/CASH REGISTERS					●	●			●	●	CONDUIT'S JUNCTIONS W/ PULL STRING BY G.C.
	J-BOX FOR TELEPHONE/DATA TERMINATION					●	●					
	AV/IT									●	●	
	GENERATOR					●	●					
	SIGN CONNECTION					●	●					
DIVISION 27- COMMUNICATIONS & EQUIPMENT												
COMMUNICATIONS	TELEPHONE SYSTEM AND INTERFACE									●	●	
	SOUND SYSTEM									●	●	
	SPEAKERS									●	●	
	ACCESS POINT (WIFI)									●	●	CONTROLS FOR SOUND SYSTEM TO BE LOCATED IN MANAGER'S OFFICE
	POS SYSTEM									●	●	G.C. TO PROVIDE CHASES / RACEWAYS AT INACCESSIBLE AREAS ONLY (AS REQUIRED).
	COMPUTERS AND TELEPHONES							●	●			
	SECURITY SYSTEM									●	●	
	ALARM SYSTEM									●	●	
	IT RACK AND EQUIPMENT									●	●	
DIVISION 28- SECURITY AND FIRE ALARM												
SECURITY AND FIRE ALARM	SECURITY SYSTEM AND CAMERAS									●	●	CONDUIT'S JUNCTIONS W/ PULL STRING BY G.C.
	FIRE ALARM SYSTEM					●	●					G.C. TO USE CLIENT'S PREFERRED VENDOR FOR INSTALLATION. SEE FA1.1 FOR VENDOR INFORMATION
	SMOKE DETECTOR					●	●					

NOTES

1. THE 'RESPONSIBILITY SCHEDULE' IS INTENDED TO BE USED AS A GUIDE ONLY, AND IS NOT ALL-INCLUSIVE. ALL PERSONS BIDDING WORK OR CONTRACTED FOR WORK ARE TO REVIEW THESE DOCUMENTS, IN THEIR ENTIRETY. ALL ADDITIONAL MATERIALS, EQUIPMENT, LABOR, ETC. NOT SHOWN BUT REQUIRED FOR PROPER COMPLETION OF PROJECT SHALL BE PROVIDED BY THE CONTRACTOR.
2. CONTRACTOR SHALL PROVIDE COMPLETE AND ACCURATE CUT SHEET SUBMITTALS AND SHOP DRAWINGS (IF DIFFERENT FROM SPEC) FOR ALL TRADES PRIOR TO FABRICATION OR INSTALLATION, AND SAMPLES OF ALL MATERIAL AND COLOR/ FINISHES FOR DESIGNER'S AND OWNER'S REP. APPROVAL. CONTRACTOR SHALL PROVIDE TIMELY AND COMPLETE DATA ON ANY DEVIATION/ SUBSTITUTION FROM CONTRACT DOCUMENTS.
3. G.C. TO COORDINATE DELIVERY OF OWNER-PROVIDED EQUIPMENT.
4. G.C. TO COORDINATE OWNER-PROVIDED AUDIO VENDOR.
5. GC TO COORDINATE INSTALLATION FOR ALL MILLWORK ITEMS WITH NATIONAL MILLWORK VENDOR
   5.1. GC TO PROVIDE BLOCKING FOR MILLWORK PIECES PRIOR TO INSTALLATION. REFER TO PROTOTYPE MILLWORK PACKAGE AND MILLWORK SCHEDULE
   5.2. GC TO PROVIDE REQUIRED 'HOLD TO' DIMENSIONS FOR MILLWORK. REFER TO PROTOTYPE MILLWORK PACKAGE AND MILLWORK SCHEDULE

IF THERE IS A CONFLICT OR DISCREPANCY BETWEEN THIS SHEET AND ANOTHER CONTRACT DOCUMENT, THEN CONTACT ARCHITECT FOR CLARIFICATION.

TRICARICO ARCHITECTURE AND DESIGN PC
502 VALLEY ROAD, WAYNE, NJ 07470
T:973-692-0222 F:973-692-0223
TRICARICO.COM

NICHOLAS J. TRICARICO
FLORIDA LICENSE # AR0007605

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THE GENERAL CONTRACTOR AND/OR ALL SUB-CONTRACTORS WORKING FROM THESE PLANS AND SPECIFICATIONS ARE NOT TO SCALE SUCH INFORMATION BUT TO CONTACT THE ARCHITECT OR HIS REPRESENTATIVE REGARDING MEASUREMENTS. IF SUCH MEASUREMENTS DO NOT APPEAR CORRECT, ADD UP PROPERLY OR SCALE CORRECTLY TO THE INDICATED SIZE.

DATE:	ISSUE:
09.14.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: MF
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME: RESPONSIBILITY SCHEDULE

DRAWING NO.: T1.3

FIRM REGISTRATION NO.: AX010102

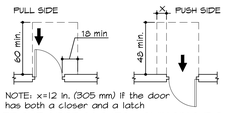
Nicholas J. Tricarico — Digitally signed by Nicholas J. Tricarico Date: 2022.10.04 13:34:33 -04'00'
SEAL

STATE OF FLORIDA — NICHOLAS J. TRICARICO — AR0007605 — REGISTERED ARCHITECT
SEAL

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: GRESCO LABS
PLOT SCALE: AS NOTED

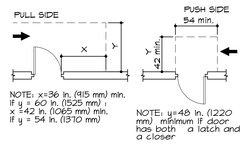
NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

ACCESSIBILTY CLEARANCES



NOTE: x=12 in. (305 mm) if the door has both a closer and a latch

FRONT APPROACHES - SWINGING DOORS

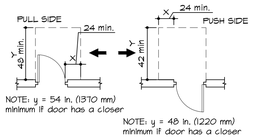


NOTE: x=36 in. (915 mm) min. if y = 60 in. (1525 mm) ; x 542 in. (1065 mm) min. if y = 54 in. (1370 mm)

NOTE: y=48 in. (1220 mm) minimum if door has both a latch and a closer

HINGE-SIDE APPROACHES - SWINGING DOORS

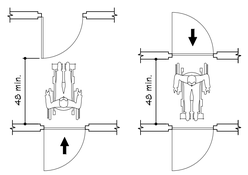
NOTE: All doors in alcoves shall comply with clearances for front approaches.



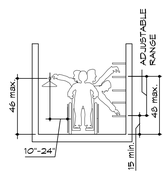
NOTE: y = 54 in. (1370 mm) minimum if door has a closer

NOTE: y = 48 in. (1220 mm) minimum if door has a closer

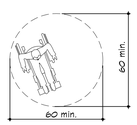
LATCH-SIDE APPROACHES - SWINGING DOORS



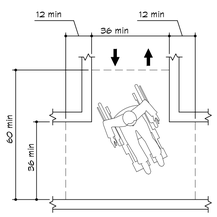
TWO HINGED DOORS IN SERIES



UNOBSTRUCTED SIDE REACH

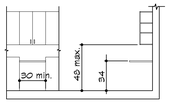


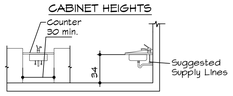
(A)



(B)
T-Shaped Space for 180° Turns

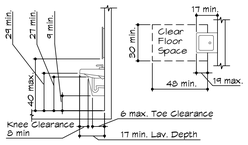
WHEELCHAIR TURNING SPACE



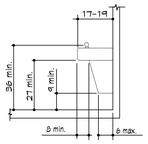


CABINET HEIGHTS

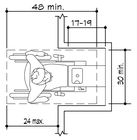
BASE HEIGHT



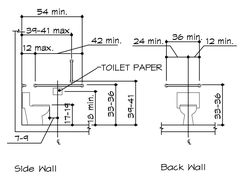
LAVATORY CLEARANCES



Equipment Permitted in Shaded Area



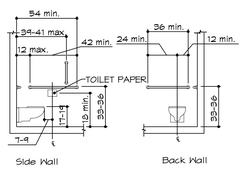
WATER COOLER CLEARANCES



Side Wall

Back Wall

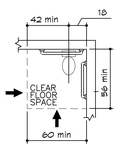
FLOOR MOUNTED TOILETS



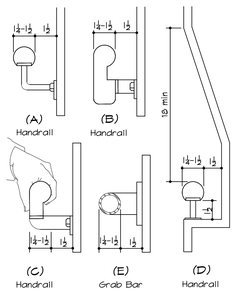
Side Wall

Back Wall

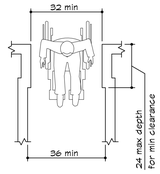
WALL MOUNTED TOILETS



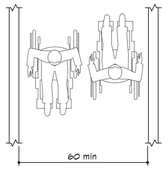
CLEARANCE AT WATER CLOSETS



SIZE & SPACING OF HANDRAILS & GRAB BARS

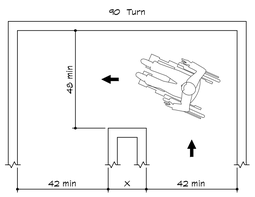


Minimum Clear Width for Single Wheelchair



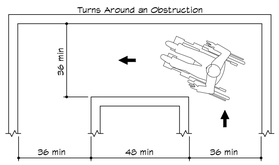
Minimum Clear Width for Two Wheelchairs

MINIMUM CLEAR WIDTH FOR WHEELCHAIRS

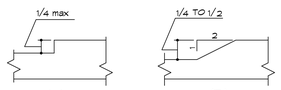


NOTE: DIMENSIONS SHOWN APPLY WHEN X < 48 IN. (1220 MM.).

(B)
Turns Around an Obstruction



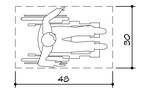
(A)



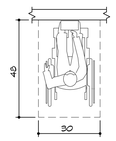
(C)
Changes in Level

(D)
Changes in Level

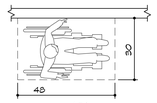
ACCESSIBLE ROUTE



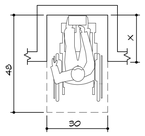
(A)
Clear Floor Space



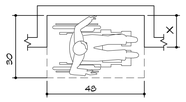
(B)
Forward Approach



(C)
Parallel Approach

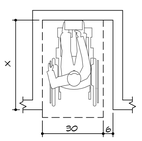


NOTE: X ≤ 24 IN. (610 MM.).

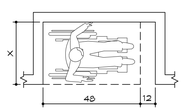


NOTE: X ≤ 15 IN. (380 MM.).

(D)
Clear Floor Space in Alcoves



NOTE: IF X > 24 IN. (610 MM.), THEN AN ADDITIONAL MANEUVERING CLEARANCE OF 6 IN. (150 MM.) SHALL BE PROVIDED AS SHOWN.

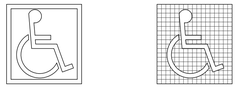


NOTE: IF X > 15 IN. (380 MM.), THEN AN ADDITIONAL MANEUVERING CLEARANCE OF 12 IN. (305 MM.) SHALL BE PROVIDED AS SHOWN.

(E)
Additional Maneuvering Clearances for Alcoves

CLEAR FLOOR SPACE

ACCESSIBILTY SIGNAGE



HEIGHT ABOVE FINISHED FLOOR	MINIMUM CHARACTER HEIGHT
BASED ON HORIZONTAL VIEWING DISTANCE. REFER TO TABLE 703.2.4	BASED ON HORIZONTAL VIEWING DISTANCE. REFER TO TABLE 703.2.4

ALL SIGNAGE SHALL BE ACCESSIBLE AND IN COMPLIANCE WITH THE ADAAG FLORIDA STATE ACCESSIBILITY CODE

CHARACTER HEIGHT: CHARACTERS SHALL BE UPPERCASE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE OR OF OTHER UNUSUAL FORMS. CHARACTER SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 55% MINIMUM AND 110% MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8" MINIMUM AND 2" MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I". CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ PER TABLE 703.5.5. THE MINIMUM HEIGHT IS MEASURED USING AN UPPER CASE LETTER "I".

MOUNTING LOCATION AND HEIGHT: WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY TO THE RIGHT. SIGNS WITH TACTILE CHARACTERS SHALL BE LOCATED 48" MINIMUM ABOVE THE FINISH FLOOR MEASURED TO THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS STANDING WITHIN THE SWING OF A DOOR.

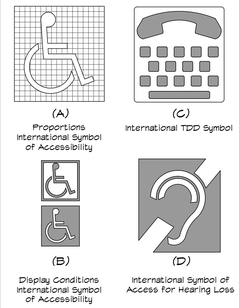
NOTE: SIGNAGE MUST BE DESIGNED AND INSTALLED IN COMPLIANCE WITH THE ADAAG FLORIDA STATE ACCESSIBILITY CODE

IDENTIFICATION SYMBOLS - SANITARY FACILITIES (GENERAL)

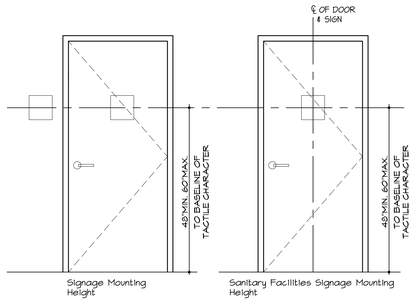
A. UNISEX SANITARY FACILITIES SHALL BE IDENTIFIED BY A PICTOGRAM IN ACCORDANCE WITH SECTION 703.5 AND 703.6. PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS COMPLYING WITH 703.2 AND 703.5.

B. SYMBOLS ON SANITARY FACILITY DOORS SHALL HAVE A FIELD 6" MINIMUM IN HEIGHT. CHARACTERS OR BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD. PICTOGRAMS AND THEIR FIELDS SHALL HAVE A NONGLARE FINISH AND SHALL CONTRAST WITH THEIR FIELDS.

C. SYMBOLS OF ACCESSIBITLIY SHALL COMPLY WITH SECTION 703.6.
   1.) DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE MOUNTED SO THAT CLEAR WIDTH OF DOORWAY IS AT LEAST 32".
   2.) MAXIMUM EFFORT TO OPERATE FIRE DOORS SHALL BE 8.5 LBS. AT OTHER INTERIOR DOORS, MAXIMUM EFFORT TO OPERATE SHALL BE 5 LBS.



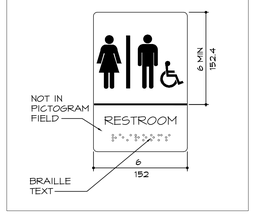
INTERNATIONAL SYMBOLS



Signage Mounting Height

Sanitary Facilities Signage Mounting Height

RESTROOM SIGN DETAIL



CLIENT'S VENDOR TO FURNISH NEW RESTROOM SIGNAGE, G.C. TO INSTALL

AUTOMATIC TELLER MACHINES (ATMS)

AT LEAST ONE ATM SHALL MEET THE FOLLOWING:
1. CLEAR FLOOR SPACE OF 30" BY 48" LOCATED IN FRONT OF ATM
2. ALL OPERABLE PARTS OF THE ATM SHALL BE WITHIN ACCESSIBLE REACH RANGES
3. KEY PAD SHALL BE ARRANGED LIKE A TELEPHONE. THE NUMBER 5 SHALL HAVE A SINGLE RAISED DOT
4. ANY FUNCTION KEYS SHALL BE TACTILE AND OTHER VISIBLE INDICATORS SHALL BE CONTRASTING TO THE BACKGROUND
5. DISPLAY SCREEN SHALL BE VISIBLE AT A POINT 40" ABOVE THE CENTER OF CLEAR FLOOR SPACE
6. THE SCREEN SHALL PROVIDE CONTRASTING CHARACTERS AND THE MINIMUM HEIGHT OF UPPER CASE CHARACTERS SHALL BE 3/16"
7. THE ATM SHALL BE SPEECH ENABLED, MESSAGES SHALL BE REPEATABLE AND THERE SHALL BE A VOLUME FUNCTION
8. THERE SHALL BE AUDIBLE OUTPUT OF BALANCE INFORMATION
9. THERE SHALL BE BRAILLE INSTRUCTIONS FOR THE SPEECH FUNCTIONS AND OPERATIONS

ACCESSIBLE AUTOMATIC TELLER MACHINES AND FARE MACHINES SHALL COMPLY WITH ANSI SECTION 707

CLIENT'S VENDOR TO FURNISH AND INSTALL ATM MACHINES

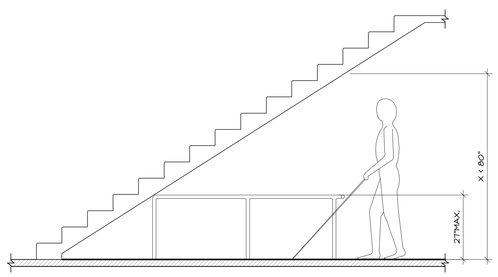


FIGURE 307.4

A. VERTICAL CLEARANCE

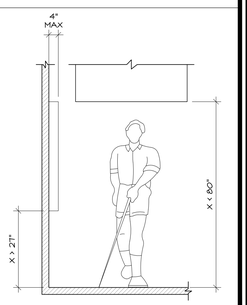


FIGURE 307.2

B. LIMITS OF PROTRUDING OBJECTS

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FLORIDA LICENSE # AR0007605

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DATE:	ISSUE:
09.14.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: RAL
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME: ACCESSIBILITY CLEARANCES

DRAWING NO.: T1.4

FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico — Digitally signed by Nicholas J. Tricarico Date: 2022.10.04 13:34:58 -04'00' SEAL

STATE OF FLORIDA NICHOLAS J. TRICARICO AR0007605 REGISTERED ARCHITECT SEAL

DATE: AS SHOWN

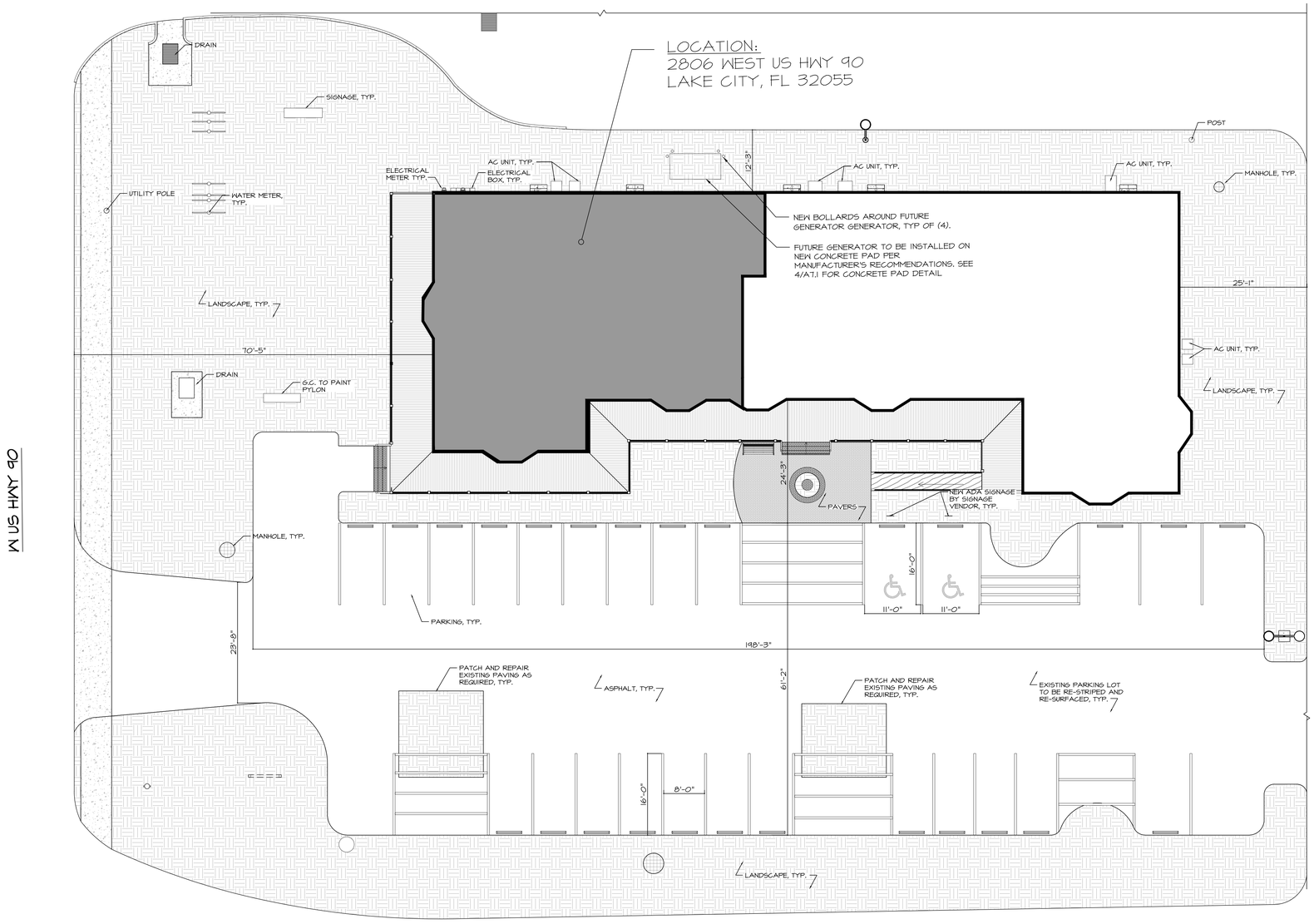
PROJECT NO.: 220392

LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055

PROJECT: CRESCO LABS

PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.



1 ARCHITECTURAL SITE PLAN - FOR REFERENCE ONLY
SCALE: 1" = 20'-0"

GRAPHIC SCALE: 1 INCH = 10 FEET

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DATE:	NO.:	REVISIONS / BY:

PROJECT:
Sunnyside

LOCATION:
2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: RAL
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO
ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME:
ARCHITECTURAL SITE PLAN

DRAWING NO.:
T1.5

FIRM REGISTRATION NO.: AX010102

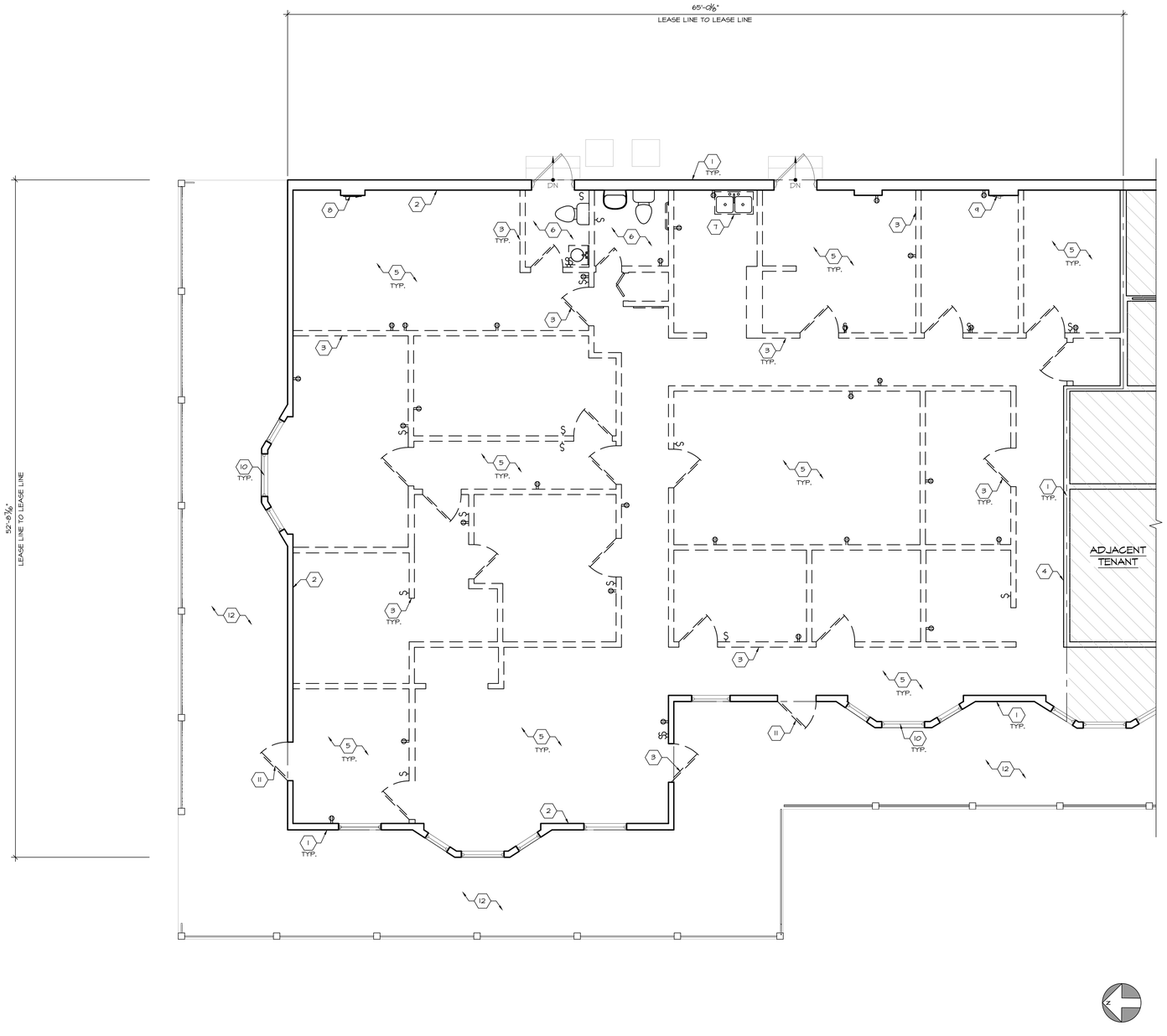
Nicholas J. Tricarico
Digitally signed by Nicholas J. Tricarico
Date: 2022.10.04 13:35:12 -04'00'
SEAL

STATE OF FLORIDA
NICHOLAS J. TRICARICO
AR0007605
REGISTERED ARCHITECT
SEAL

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

THE ARCHITECT IS NOT RESPONSIBLE FOR ANY ADDITIONAL WORK THAT MAY IMPACT THE PROJECT SPECIFIC TO AREAS THAT WERE NOT ACCESSIBLE AND/OR CLEARLY SEEN AT THE TIME OF THE FIELD SURVEY. DURING THE FIELD SURVEY PHASE, ALL REASONABLE EFFORTS WERE MADE TO OBTAIN THE REQUIRED INFORMATION; HOWEVER, FACTORS SUCH AS WEATHER, PHYSICAL ACCESS LIMITATIONS, AVAILABLE LIGHTING, EXISTING CONDITIONS AND/OR EXISTING TENANT(S) COULD HAVE IMPACTED THE QUANTITY AND/OR QUALITY OF THE INFORMATION OBTAINED. IT IS THE RESPONSIBILITY OF THE T.G.C. TO OBTAIN FULL ACCESS TO THE SITE, FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO THE START OF ANY WORK, AND REPORT ANY DISCREPANCIES WITH THESE DRAWINGS TO THE ARCHITECT AND CLIENT IMMEDIATELY.



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

GENERAL NOTES

ALL WORK TO BE CONDUCTED BY THE GENERAL CONTRACTOR, UNLESS NOTED OTHERWISE.

1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING FIELD CONDITIONS SO AS TO BECOME FAMILIARIZED WITH THE DEMOLITION AND / OR REMOVAL WORK WHICH MAY BE REQUIRED TO PRODUCE RESULTS INTENDED IN THE CONTRACT DOCUMENTS. THE SCOPE OF WORK DESCRIBED IN THE CONTRACT DOCUMENTS ANTICIPATES THE DEMOLITION OF EXISTING CONSTRUCTION IN PART OR ITS ENTIRETY, AND THE REMOVAL, RELOCATION AND REPOWERING OF CERTAIN CONSTRUCTION MATERIALS AND EQUIPMENT, INCLUDING ITEMS RELATED TO OTHER TENANTS WHICH MAY PASS THROUGH OR OCCUPY THIS TENANT'S SPACE. IT IS THE INTENT THAT EACH PORTION OF THE DEMOLITION AND REMODELING WORK BE DONE BY THE SPECIFIC TRADE INVOLVED IN THE INITIAL INSTALLATION. THAT IS - CARPENTRY WORK BY THE CARPENTRY TRADE, MECHANICAL AND ELECTRICAL WORK BY THE MECHANICAL AND ELECTRICAL TRADES RESPECTIVELY, AND SO ON. THEREFORE, EACH CONTRACTOR AND SUBCONTRACTOR SHALL THOROUGHLY EXAMINE THE PROPOSED WORK AND MAKE ALLOWANCES IN HIS PROPOSAL FOR THE COST OF ALL DEMOLITION AND/OR REMOVAL WHICH MAY BE REQUIRED TO PRODUCE THE END RESULTS INTENDED BY THE CONTRACT DOCUMENTS.
2. IF THE GENERAL CONTRACTOR IS REQUIRED TO INSTALL A STOREFRONT BARRICADE DURING THE CONSTRUCTION PHASE OF THIS PROJECT, SUCH BARRICADE TO MEET THE LATEST BARRICADE DESIGN REQUIREMENTS OF THE LANDLORD, INCLUDING THE PAINTING OF SUCH BARRICADE AND ANY SIGNAGE ALLOWABLE BY LANDLORD AND UNDER LEASE OBLIGATION.
3. DEMOLITION WORK WILL REQUIRE APPROVAL FROM THE LOCAL BUILDING DEPARTMENT, AND ALL INSURANCE PAPERS AS REQUIRED BY THE LANDLORD OF THE BUILDING TO BE SUBMITTED WITH THE REQUIRED LIMITS OF LIABILITY AND INDICATION OF INSURED PRIOR TO STARTING WORK.
4. ALL AREAS WHERE DEMOLITION IS TO OCCUR IS TO BE SECTIONED OFF FROM THE PUBLIC AND ALL REQUIRED SHORING, BARRICADING, AND SCAFFOLDING TO BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
5. ALL WORK TO BE IN ACCORDANCE WITH O.S.H.A. REQUIREMENTS.
6. ALL RUBBISH AND DEBRIS TO BE REMOVED FROM THE PROJECT SITE WITHIN A 24-HOUR PERIOD OR PLACED IN PRE-APPROVED DUMPSTER LOCATIONS; THIS CONTRACTOR TO RECEIVE APPROVAL OF DUMPSTER LOCATION FROM BUILDING LANDLORD REPRESENTATIVE.
7. ANY ASBESTOS REMOVAL OR DEBRIS DUMPING TO BE COMPLETED BY THIS CONTRACTOR, PER PROPER APPROVALS.
8. THE TERM 'PATCH AND REPAIR' SHALL BE DEFINED AS: THE PROCESS OF REPAIRING FLOOR, WALL, OR CEILING SURFACES THAT HAVE BEEN DAMAGED OR ARE ADJACENT TO DEMOLISHED CONSTRUCTION. THE REPAIR SHALL INCLUDE, BUT NOT BE LIMITED TO: FILLING VOIDS SOLID WITH CONCRETE, PREPARING SURFACES FOR NEW FINISH MATERIAL PER MANUFACTURER'S RECOMMENDATIONS, MATCH EXISTING FINISHES AND MATERIALS WHERE NO NEW FINISHES ARE CALLED FOR, CLOSING WALL, FLOOR OR ROOF PENETRATIONS AS DIRECTED BY ARCHITECT.
9. THE TERM 'SALVAGE' SHALL BE DEFINED AS: THE PROCESS OF THE CONTRACTOR CAREFULLY REMOVING THE MENTIONED ITEM SUCH THAT IT IS IN A USABLE CONDITION, AND STORING IT (IN LOCATION DETERMINED BY OWNER) UNTIL NEEDED FOR THE CONSTRUCTION PHASE. IF THE CLIENT DOES NOT NEED SAID ITEM, CONTRACTOR SHALL DISPOSE OF PROPERLY AT NO ADDITIONAL COST.
10. GENERAL CONTRACTOR TO COMPLETE ALL DEMOLITION AS NOTED IN CONTRACT DOCUMENTS AND REMOVE ALL DEBRIS AND RUBBISH FROM THE PROJECT AND BUILDING SITE.
11. GENERAL CONTRACTOR TO CONTACT BUILDING LANDLORD REPRESENTATIVE AND ALL UTILITY COMPANY REPRESENTATIVES HAVING JURISDICTION OVER THIS PROJECT TO ASCERTAIN BUILDING AND UTILITY COMPANY LINES ABOVE, WITHIN, OR BELOW PREMISES TO AVOID ANY POSSIBILITIES OF CUTTING SUCH LINES, CAUSING EXPLOSIONS, ETC.
12. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE BREAKOUT AND REMOVAL OF CONCRETE SLAB AT ALL AREAS WHERE UNDER SLAB MECHANICAL, PLUMBING AND ELECTRICAL WORK OCCURS. REVIEW AND COORDINATE EXACT LOCATIONS AND SIZES WITH THE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS. NOTE: DO NOT CUT SLAB WITHOUT WRITTEN APPROVAL FROM LANDLORD.
13. ALL WORK TO BE COMPLETED FOLLOWING LANDLORD'S CONSTRUCTION "RULES AND REGULATIONS".
14. DEMOLITION OR DEMOLITION REMOVAL TO BE COMPLETED IN A MANNER THAT THE "QUIET ENJOYMENT" OF ALL ADJACENT TENANTS OR THE BUILDING COMPLEX IS ADHERED TO AND THE OPERATION OF ADJACENT TENANTS OR THE BUILDING IS NOT HAMPERED IN ANY WAY.
15. DEMOLITION WORK TO BE PHASED TO ALLOW PROPER EGRESS FOR ANY PERSON IN CASE OF FIRE OR HAZARD AND NO DEMOLITION WORK CAN OCCUR IF THE WORK JEOPARDIZES A MEANS OF EGRESS FOR THE PUBLIC OR PROJECT EMPLOYEES.
16. ALL ELECTRICAL DEMOLITION TO BE COMPLETED BY A BONDED LICENSED ELECTRICIAN. THE ELECTRICAL CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL EXISTING ELECTRICAL DEVICES, CONDUIT AND WIRING WORK AS CALLED OUT IN THE CONTRACT DOCUMENTS AND AS NECESSARY WHETHER SUCH ITEMS ARE INDICATED IN THE CONTRACT DOCUMENTS OR NOT IN ORDER TO ACCOMPLISH THE INSTALLATION OF THE SPECIFIED NEW WORK EQUIPMENT. MATERIAL AND DEVICES REMOVED SHALL BECOME THE PROPERTY OF CONTRACTOR (IF APPROVED BY THE TENANT). SUCH ITEMS MAY ONLY BE REINSTALLED IF SPECIFICALLY DESIGNATED IN THE CONTRACT DOCUMENTS. CONDUIT, WIRE AND OUTLET BOXES REMOVED SHALL BE SCRAPPED BY THE ELECTRICAL CONTRACTOR. WHERE WALLS AND CEILING ARE TO BE REMOVED, THE CONDUIT IS TO BE CUT OFF BY THE ELECTRICAL CONTRACTOR SO THAT THE ABANDONED CONDUIT IN THESE WALLS AND CEILINGS MAY BE REMOVED WITH THE WALLS AND CEILINGS BY THE DEMOLITION CONTRACTOR. ALL DEAD END CONDUIT RUNS SHALL BE PLUGGED AT THE REMAINING LINE OUTLET BOXES OR AT THE PANELS, IF NOT COMPLETELY REMOVED.
17. ALL PLUMBING DEMOLITION TO BE COMPLETED BY A BONDED LICENSED PLUMBER. PLUMBING SUBCONTRACTOR TO VISIT SITE PRIOR TO BIDDING ON DEMOLITION, LOCATE ALL SUPPLY, WASTE AND VENT PIPING TO BE REMOVED, LABEL ALL SUPPLY, WASTE AND VENT PIPING TO REMAIN, COORDINATE WITH LANDLORD AS TO ALL CONCRETE CUTTING OF SLABS WHICH WILL BE COMPLETED BY LANDLORD'S G.C., CAP BELOW SLAB LINES AS REQUIRED, BRING UP TO SLAB LINES ALL PIPES THAT ARE TO BE CREATED FOR CODE REQUIRED CLEAN-OUTS AND FOR ALL NEW CLEAN-OUTS, COORDINATE WITH GENERAL CONTRACTOR AND INSTALL A BRASS FINISH PLATE LEVEL WITH FINISH FLOOR ON NEW WORK. ALL RECOMPACTION, BACKFILLING AND NEW SLAB WORK BY THIS CONTRACTOR IN TO BE IN COORDINATION WITH GENERAL CONTRACTOR. CAP ALL LINES IN DEMISING WALLS THAT WILL NOT BE REUSED AND REMOVE ALL LINES CONCEALED IN DEMISING PARTITIONS THAT ARE BEING REMOVED.
18. ALL LABOR TO BE COMPATIBLE WITH OTHER LABOR COMPLETING WORK IN THE BUILDING.
19. ONLY THE PLUMBING SHOWN TO BE REMOVED AND ALL ASSOCIATED PIPE PENETRATIONS THROUGH WALLS, ROOF AND FLOOR TO BE SEALED AND LEVELED SMOOTH WITH ADJACENT MATERIALS.
20. ALL ELECTRICAL WIRING AND FIXTURES TO BE REMOVED AND THE MAIN ELECTRICAL SERVICE TO BE EXTENDED AND RELOCATED BY THE GENERAL CONTRACTOR INCLUDING SERVICE CONDUIT AND WIRE, WITH ALL NEW TRANSFORMER(S), DISCONNECT(S), TROUGHS, PANELS, ETC. TO MAKE UP TENANT'S NEW ELECTRICAL DISTRIBUTION AREA, AS INDICATED ON THE CONTRACT DOCUMENTS
21. REUSE EXISTING ROOF SUPPORTS AND OPENINGS TO THE FULLEST EXTENT POSSIBLE AND PATCH AND REPAIR AS REQUIRED, UNLESS OTHERWISE NOTED IN THE DRAWING SET. SEE MECHANICAL DRAWINGS, IF APPLICABLE, FOR FURTHER INFORMATION.
22. ALL EXISTING UTILITIES WITHIN LEASE LINES TO BE RAISED AND MODIFIED AS REQUIRED, INCLUDING SPRINKLER MAIN, TO ALLOW FOR TENANT'S NEW FINISHED CEILING HEIGHT.
23. THE GENERAL CONTRACTOR TO MAINTAIN THE INTEGRITY OF THE LANDLORD STOREFRONT BULKHEAD, TO STRUCTURE ABOVE. ALL REPAIRS ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
24. THE GENERAL CONTRACTOR, UPON INITIAL VISIT TO SITE, IS TO REPORT ANY DISCREPANCIES BETWEEN EXISTING SITE CONDITIONS AND THESE DOCUMENTS TO THE ARCHITECT IMMEDIATELY.
25. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CHANGES TO APPLICATIONS NOT CONSISTENT WITH CONTRACT DOCUMENTS IN ALL CASES, INCLUDING "SELF-CERTIFICATION" BY THE ARCHITECT.

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	PARTITION OR ITEM TO BE REMOVED		DOOR, FRAME & HARDWARE TO BE REMOVED, U.N.O.
	EXISTING DEMISING WALL TO REMAIN		DOOR AND FRAME TO REMAIN. G.C. TO REPLACE ANY DAMAGED OR BROKEN HARDWARE WITH NEW SPEC AND MATCH EXISTING.

KEY NOTES

1	LEASE LINE
2	EXISTING EXTERIOR WALL TO REMAIN. G.C. TO REMOVE ANY EXISTING WALL BASE, WALL PANELS, ALL IN-WALL ELECTRICAL DEVICES, ETC. PATCH AND REPAIR WALL AS REQUIRED.
3	DASHED LINE REPRESENTS EXISTING WALLS, DOORS, ETC. TO BE REMOVED BY G.C. REMOVAL TO INCLUDE ALL IN-WALL ELECTRICAL DEVICES, CONDUIT, AND WIRING U.N.O BRING ALL WIRING BACK TO SOURCE PANEL AS REQUIRED, G.C. TO PATCH ENDS TO A "LIKE-NEW" CONDITION
4	EXISTING DEMISING WALL TO REMAIN. G.C. TO REMOVE WALL BASE AND ALL EXISTING DEVICES, AND PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE SCHEDULED FINISH. G.C. TO VERIFY EXISTING FIRE RATING AND PATCH AND REPAIR AS REQUIRED TO MAINTAIN RATINGS AND PROVIDE FIRE STOPPING AT ALL PENETRATIONS AS NECESSARY
5	EXISTING FLOOR FINISHES TO BE REMOVED THROUGHOUT AND FLOOR TO BE PREPPED TO RECEIVE NEW SCHEDULED FINISHES PER MANUFACTURER'S RECOMMENDATIONS. G.C. TO PATCH EXISTING SLAB AS REQUIRED. G.C. TO NOTIFY ARCHITECT OF ANY DEFICIENCIES IN SLAB PRIOR TO INSTALLATION OF NEW FINISH.
6	EXISTING RESTROOM FIXTURES AND FINISHES TO BE REMOVED IN THEIR ENTIRETY. G.C. IS RESPONSIBLE TO ENSURE ALL UNUSED PIPING IS CUT, CAPPED, AND SECURED PRIOR TO CONSTRUCTION.
7	EXISTING SINK TO BE REMOVED. G.C. IS RESPONSIBLE TO ENSURE ALL UNUSED PIPING IS CUT, CAPPED, AND SECURED PRIOR TO CONSTRUCTION.
8	EXISTING ELECTRICAL PANEL TO BE REMOVED IN ITS ENTIRETY. G.C. TO SALVAGE AND RELOCATE PER CONSTRUCTION PLAN.
9	EXISTING ELECTRICAL PANELS AND EQUIPMENT TO REMAIN. G.C. TO ENSURE IN GOOD WORKING ORDER. REFER TO ELECTRICAL SHEETS.
10	EXISTING STOREFRONT GLAZING SYSTEM AND DOOR TO REMAIN. G.C. TO PATCH, REPAIR, CLEAN AND BRING TO 'LIKE NEW' CONDITION. G.C. TO PROTECT DURING DEMOLITION.
11	EXISTING EXTERIOR DOOR AND FRAME TO BE REMOVED. G.C. TO INFILL OPENING TO MATCH ADJACENT EXTERIOR WALL.
12	EXISTING EXTERIOR PORCH AND HANDRAIL TO REMAIN. G.C. TO PROTECT DURING DEMOLITION.

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LOCATION:
2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: EK
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO
ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME:
DEMOLITION PLAN

DRAWING NO.:
D1.1

FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico
Digitally signed by Nicholas J. Tricarico
Date: 2022.10.04 13:35:32 -04'00'

SEAL

STATE OF FLORIDA
NICHOLAS J. TRICARICO
AR0007605
LICENSED ARCHITECT

SEAL

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

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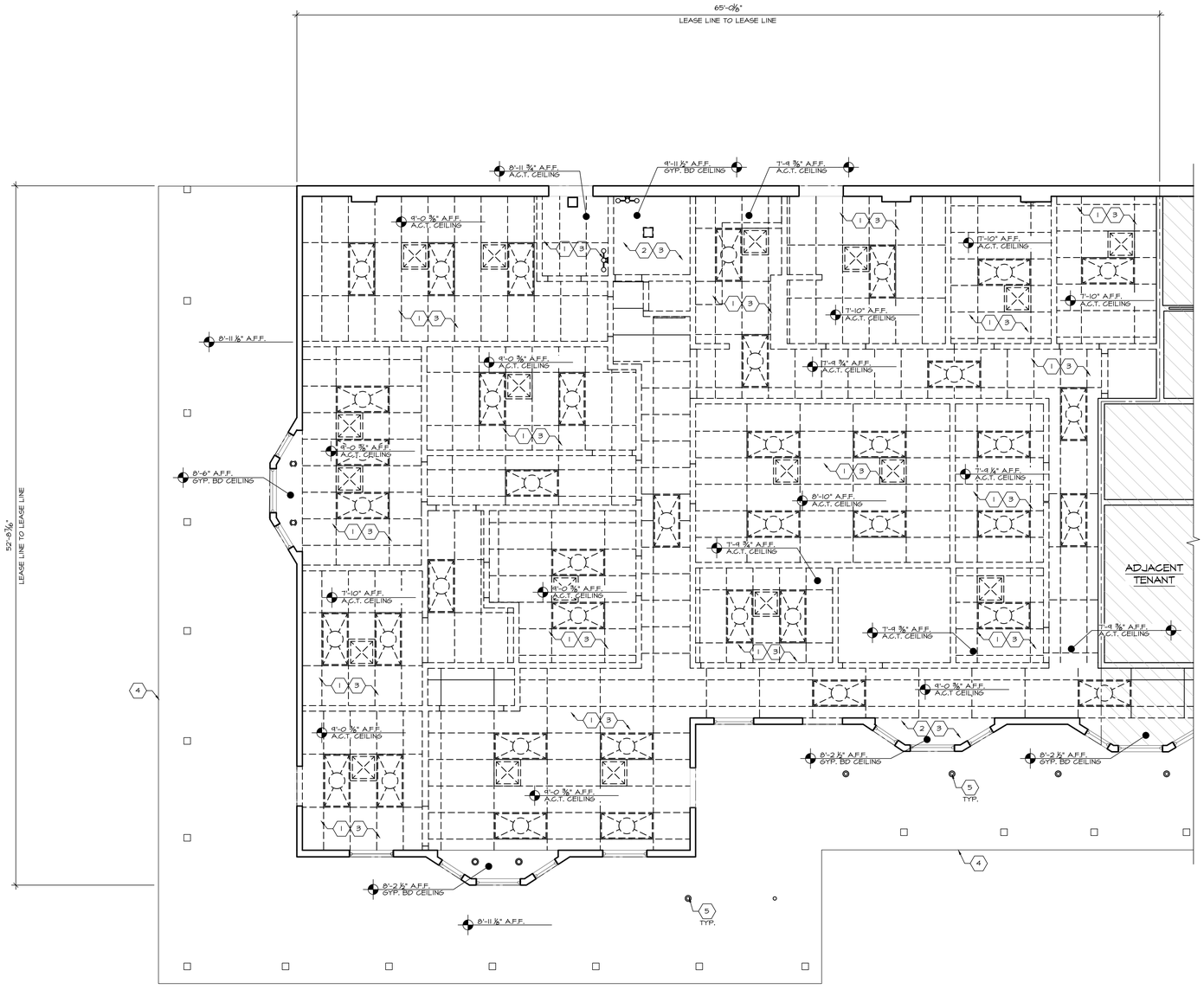

1 DEMOLITION CEILING PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

ALL WORK TO BE CONDUCTED BY THE GENERAL CONTRACTOR, UNLESS NOTED OTHERWISE.

1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING FIELD CONDITIONS SO AS TO BECOME FAMILIARIZED WITH THE DEMOLITION AND / OR REMOVAL WORK WHICH MAY BE REQUIRED TO PRODUCE RESULTS INTENDED IN THE CONTRACT DOCUMENTS. THE SCOPE OF WORK DESCRIBED IN THE CONTRACT DOCUMENTS ANTICIPATES THE DEMOLITION OF EXISTING CONSTRUCTION IN PART OR ITS ENTIRETY, AND THE REMOVAL, RELOCATION AND REPOWERING OF CERTAIN CONSTRUCTION MATERIALS AND EQUIPMENT, INCLUDING ITEMS RELATED TO OTHER TENANTS WHICH MAY PASS THROUGH OR OCCUPY THIS TENANT'S SPACE. IT IS THE INTENT THAT EACH PORTION OF THE DEMOLITION AND REMODELING WORK BE DONE BY THE SPECIFIC TRADE INVOLVED IN THE INITIAL INSTALLATION, THAT IS - CARPENTRY WORK BY THE CARPENTRY TRADE, MECHANICAL AND ELECTRICAL WORK BY THE MECHANICAL AND ELECTRICAL TRADES RESPECTIVELY, AND SO ON. THEREFORE, EACH CONTRACTOR AND SUBCONTRACTOR SHALL THOROUGHLY EXAMINE THE PROPOSED WORK AND MAKE ALLOWANCES IN HIS PROPOSAL FOR THE COST OF ALL DEMOLITION AND/OR REMOVAL WHICH MAY BE REQUIRED TO PRODUCE THE END RESULTS INTENDED BY THE CONTRACT DOCUMENTS.
2. IF THE GENERAL CONTRACTOR IS REQUIRED TO INSTALL A STOREFRONT BARRICADE DURING THE CONSTRUCTION PHASE OF THIS PROJECT, SUCH BARRICADE TO MEET THE LATEST BARRICADE DESIGN REQUIREMENTS OF THE LANDLORD, INCLUDING THE PAINTING OF SUCH BARRICADE AND ANY SIGNAGE ALLOWABLE BY LANDLORD AND UNDER LEASE OBLIGATION.
3. DEMOLITION WORK WILL REQUIRE APPROVAL FROM THE LOCAL BUILDING DEPARTMENT, AND ALL INSURANCE PAPERS AS REQUIRED BY THE LANDLORD OF THE BUILDING TO BE SUBMITTED WITH THE REQUIRED LIMITS OF LIABILITY AND INDICATION OF INSURED PRIOR TO STARTING WORK.
4. ALL AREAS WHERE DEMOLITION IS TO OCCUR IS TO BE SECTIONED OFF FROM THE PUBLIC AND ALL REQUIRED SHORING, BARRICADING, AND SCAFFOLDING TO BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
5. ALL WORK TO BE IN ACCORDANCE WITH O.S.H.A. REQUIREMENTS.
6. ALL RUBBISH AND DEBRIS TO BE REMOVED FROM THE PROJECT SITE WITHIN A 24-HOUR PERIOD OR PLACED IN PRE-APPROVED DUMPSTER LOCATIONS; THIS CONTRACTOR TO RECEIVE APPROVAL OF DUMPSTER LOCATION FROM BUILDING LANDLORD REPRESENTATIVE.
7. ANY ASBESTOS REMOVAL OR DEBRIS DUMPING TO BE COMPLETED BY THIS CONTRACTOR, PER PROPER APPROVALS.
8. THE TERM 'PATCH AND REPAIR' SHALL BE DEFINED AS: THE PROCESS OF REPAIRING FLOOR, WALL, OR CEILING SURFACES THAT HAVE BEEN DAMAGED OR ARE ADJACENT TO DEMOLISHED CONSTRUCTION. THE REPAIR SHALL INCLUDE, BUT NOT BE LIMITED TO: FILLING VOIDS SOLID WITH CONCRETE, PREPARING SURFACES FOR NEW FINISH MATERIAL PER MANUFACTURER'S RECOMMENDATIONS, MATCH EXISTING FINISHES AND MATERIALS WHERE NO NEW FINISHES ARE CALLED FOR, CLOSING WALL, FLOOR OR ROOF PENETRATIONS AS DIRECTED BY ARCHITECT.
9. THE TERM 'SALVAGE' SHALL BE DEFINED AS: THE PROCESS OF THE CONTRACTOR CAREFULLY REMOVING THE MENTIONED ITEM SUCH THAT IT IS IN A USABLE CONDITION, AND STORING IT (IN LOCATION DETERMINED BY OWNER) UNTIL NEEDED FOR THE CONSTRUCTION PHASE. IF THE CLIENT DOES NOT NEED SAID ITEM, CONTRACTOR SHALL DISPOSE OF PROPERLY AT NO ADDITIONAL COST.
10. GENERAL CONTRACTOR TO COMPLETE ALL DEMOLITION AS NOTED IN CONTRACT DOCUMENTS AND REMOVE ALL DEBRIS AND RUBBISH FROM THE PROJECT AND BUILDING SITE.
11. GENERAL CONTRACTOR TO CONTACT BUILDING LANDLORD REPRESENTATIVE AND ALL UTILITY COMPANY REPRESENTATIVES HAVING JURISDICTION OVER THIS PROJECT TO ASCERTAIN BUILDING AND UTILITY COMPANY LINES ABOVE, WITHIN, OR BELOW PREMISES TO AVOID ANY POSSIBILITIES OF CUTTING SUCH LINES, CAUSING EXPLOSIONS, ETC.
12. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE BREAKOUT AND REMOVAL OF CONCRETE SLAB AT ALL AREAS WHERE UNDER SLAB MECHANICAL, PLUMBING AND ELECTRICAL WORK OCCURS. REVIEW AND COORDINATE EXACT LOCATIONS AND SIZES WITH THE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS. NOTE: DO NOT CUT SLAB WITHOUT WRITTEN APPROVAL FROM LANDLORD.
13. ALL WORK TO BE COMPLETED FOLLOWING LANDLORD'S CONSTRUCTION "RULES AND REGULATIONS".
14. DEMOLITION OR DEMOLITION REMOVAL TO BE COMPLETED IN A MANNER THAT THE "QUIET ENJOYMENT" OF ALL ADJACENT TENANTS OR THE BUILDING COMPLEX IS ADHERED TO AND THE OPERATION OF ADJACENT TENANTS OR THE BUILDING IS NOT HAMPERED IN ANY WAY.
15. DEMOLITION WORK TO BE PHASED TO ALLOW PROPER EGRESS FOR ANY PERSON IN CASE OF FIRE OR HAZARD AND NO DEMOLITION WORK CAN OCCUR IF THE WORK JEOPARDIZES A MEANS OF EGRESS FOR THE PUBLIC OR PROJECT EMPLOYEES.
16. ALL ELECTRICAL DEMOLITION TO BE COMPLETED BY A BONDED LICENSED ELECTRICIAN. THE ELECTRICAL CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL EXISTING ELECTRICAL DEVICES, CONDUIT AND WIRING WORK AS CALLED OUT IN THE CONTRACT DOCUMENTS AND AS NECESSARY WHETHER SUCH ITEMS ARE INDICATED IN THE CONTRACT DOCUMENTS OR NOT IN ORDER TO ACCOMPLISH THE INSTALLATION OF THE SPECIFIED NEW WORK EQUIPMENT, MATERIAL, AND DEVICES. REMOVED SHALL BECOME THE PROPERTY OF CONTRACTOR (IF APPROVED BY THE TENANT). SUCH ITEMS MAY ONLY BE REINSTALLED IF SPECIFICALLY DESIGNATED IN THE CONTRACT DOCUMENTS. CONDUIT, WIRE AND OUTLET BOXES REMOVED SHALL BE SCRAPPED BY THE ELECTRICAL CONTRACTOR. WHERE WALLS AND CEILING ARE TO BE REMOVED, THE CONDUIT IS TO BE CUT OFF BY THE ELECTRICAL CONTRACTOR SO THAT THE ABANDONED CONDUIT IN THESE WALLS AND CEILINGS MAY BE REMOVED WITH THE WALLS AND CEILINGS BY THE DEMOLITION CONTRACTOR. ALL DEAD END CONDUIT RUNS SHALL BE PLUGGED AT THE REMAINING LINE OUTLET BOXES OR AT THE PANELS, IF NOT COMPLETELY REMOVED.
17. ALL PLUMBING DEMOLITION TO BE COMPLETED BY A BONDED LICENSED PLUMBER. PLUMBING SUBCONTRACTOR TO VISIT SITE PRIOR TO BIDDING ON DEMOLITION, LOCATE ALL SUPPLY, WASTE AND VENT PIPING TO BE REMOVED, LABEL ALL SUPPLY, WASTE AND VENT PIPING TO REMAIN, COORDINATE WITH LANDLORD AS TO ALL CONCRETE CUTTING OF SLABS WHICH WILL BE COMPLETED BY LANDLORD'S G.C., CAP BELOW SLAB LINES AS REQUIRED, BRING UP TO SLAB LINES ALL PIPES THAT ARE TO BE CREATED FOR CODE REQUIRED CLEAN-OUTS AND FOR ALL NEW CLEAN-OUTS, COORDINATE WITH GENERAL CONTRACTOR AND INSTALL A BRASS FINISH PLATE LEVEL WITH FINISH FLOOR ON NEW WORK. ALL RECAPPATION, BACKFILLING AND NEW SLAB WORK BY THIS CONTRACTOR IN TO BE IN COORDINATION WITH GENERAL CONTRACTOR. CAP ALL LINES IN DEMISING WALLS THAT WILL NOT BE REUSED AND REMOVE ALL LINES CONCEALED IN DEMISING PARTITIONS THAT ARE BEING REMOVED.
18. ALL LABOR TO BE COMPATIBLE WITH OTHER LABOR COMPLETING WORK IN THE BUILDING.
19. ONLY THE PLUMBING SHOWN TO BE REMOVED AND ALL ASSOCIATED PIPE PENETRATIONS THROUGH WALLS, ROOF AND FLOOR TO BE SEALED AND LEVELED SMOOTH WITH ADJACENT MATERIALS.
20. ALL ELECTRICAL WIRING AND FIXTURES TO BE REMOVED AND THE MAIN ELECTRICAL SERVICE TO BE EXTENDED AND RELOCATED BY THE GENERAL CONTRACTOR INCLUDING SERVICE CONDUIT AND WIRE, WITH ALL NEW TRANSFORMER(S), DISCONNECT(S), TROUGHS, PANELS, ETC. TO MAKE UP TENANT'S NEW ELECTRICAL DISTRIBUTION AREA, AS INDICATED ON THE CONTRACT DOCUMENTS
21. REUSE EXISTING ROOF SUPPORTS AND OPENINGS TO THE FULLEST EXTENT POSSIBLE AND PATCH AND REPAIR AS REQUIRED, UNLESS OTHERWISE NOTED IN THE DRAWING SET. SEE MECHANICAL DRAWINGS, IF APPLICABLE, FOR FURTHER INFORMATION.
22. ALL EXISTING UTILITIES WITHIN LEASE LINES TO BE RAISED AND MODIFIED AS REQUIRED, INCLUDING SPRINKLER MAIN, TO ALLOW FOR TENANT'S NEW FINISHED CEILING HEIGHT.
23. THE GENERAL CONTRACTOR TO MAINTAIN THE INTEGRITY OF THE LANDLORD STOREFRONT BULKHEAD, TO STRUCTURE ABOVE. ALL REPAIRS ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
24. THE GENERAL CONTRACTOR, UPON INITIAL VISIT TO SITE, IS TO REPORT ANY DISCREPANCIES BETWEEN EXISTING SITE CONDITIONS AND THESE DOCUMENTS TO THE ARCHITECT IMMEDIATELY.
25. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CHANGES TO APPLICATIONS NOT CONSISTENT WITH CONTRACT DOCUMENTS IN ALL CASES, INCLUDING "SELF-CERTIFICATION" BY THE ARCHITECT.

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	PARTITION OR ITEM TO BE REMOVED		EXISTING DOWNLIGHT TO BE REMOVED
	DIFFUSER TO BE REMOVED AND SALVAGED FOR REINSTALLATION		EXISTING 2X4 LIGHT FIXTURE TO BE REMOVED
	EXISTING CEILING TILE AND GRID TO BE REMOVED G.C. TO REVIEW CONDITION OF CEILING TILE AND GRID ON SITE WITH CLIENT. IF POSSIBLE, G.C. TO SALVAGE AND RE-USE EXISTING TEGULAR CEILING TILES		

KEY NOTES

1	EXISTING LIGHT FIXTURES, CEILING DEVICES, ETC. TO BE REMOVED U.N.O. REMOVAL TO INCLUDE ALL WIRING, HANGERS, AND SUPPORTS TYP. BRING ALL WIRING BACK TO SOURCE PANEL. G.C. TO PATCH & REPAIR SPRAY-ON FIREPROOFING AS REQUIRED. G.C. TO REVIEW CONDITION OF CEILING TILE AND GRID ON SITE WITH CLIENT. IF POSSIBLE, G.C. TO SALVAGE AND RE-USE EXISTING TEGULAR CEILING TILES
2	EXISTING GYP. BOARD CEILING, LIGHT FIXTURES, CEILING DEVICES, ETC. TO BE REMOVED U.N.O. REMOVAL TO INCLUDE ALL WIRING, HANGERS, AND SUPPORTS TYP. BRING ALL WIRING BACK TO SOURCE PANEL. G.C. TO PATCH & REPAIR SPRAY-ON FIREPROOFING AS REQUIRED.
3	MECHANICAL ITEMS, INCLUDING, BUT NOT LIMITED TO, DUCTWORK, DIFFUSERS, REGISTERS, THERMOSTATS, ETC. TO BE MODIFIED AS REQUIRED FOR NEW CEILING PLAN. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL DEMOLITION SCOPE OF WORK
4	EXISTING ROOF OVERHANG TO REMAIN.
5	EXISTING EXTERIOR LIGHTING TO REMAIN. G.C. TO RE-BULB LIGHT FIXTURES AS REQUIRED

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DATE:	ISSUE:
09.14.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside

LOCATION:
2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: EK
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO
ARCHITECT

TRICARICO ARCHITECTURE
AND DESIGN PC

DRAWING NAME:
DEMOLITION
CEILING PLAN

DRAWING NO.:
D1.2

FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico
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Date: 2022.10.04 13:35:49 -04'00'
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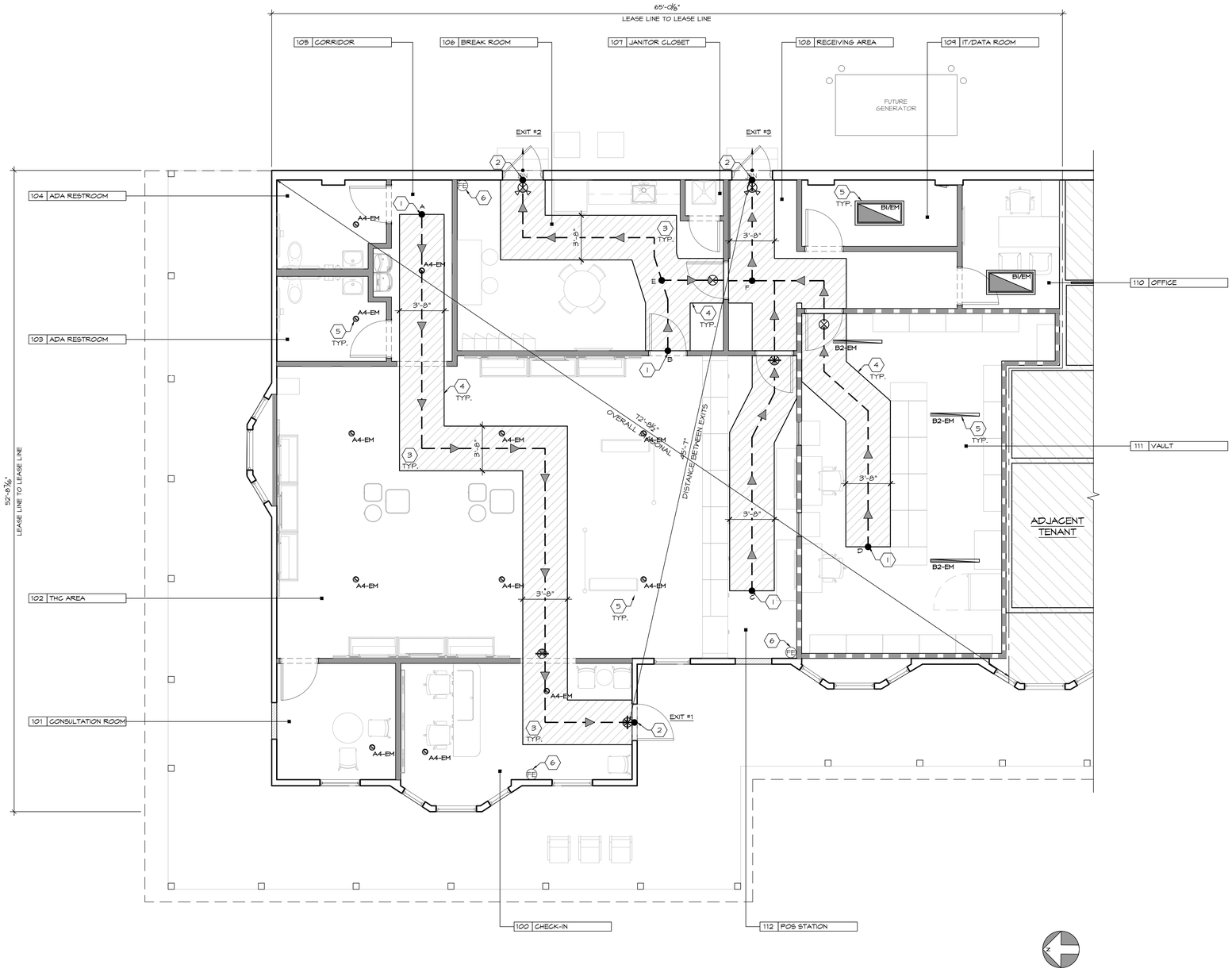
STATE OF FLORIDA
NICHOLAS J. TRICARICO
AR0007605
REGISTERED ARCHITECT
SEAL

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.



1 EGRESS AND LIFE SAFETY PLAN
SCALE: 1/4" = 1'-0"

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CEILING MOUNTED EXIT SIGN (SEE A2.1 FOR SPECIFICATIONS)		PATH OF EGRESS
	WALL MOUNTED EXIT SIGN (SEE A2.1 FOR SPECIFICATIONS)		TRAVEL DISTANCE TO EXIT
		FE	FIRE EXTINGUISHER

NOTE:
COORDINATE W/ FIRE SAFETY ENGINEER/ CONSULTANT FOR FIRE ALARM/EMERGENCY APPARATUS/ EQUIPMENT REQUIREMENTS AND LOCATIONS

EGRESS OCCUPANT LOAD

ROOM	USE	GROSS AREA	SQ. FT. PER PERSON	OCCUPANT LOAD
100	CHECK-IN	220 S.F.	60	4
101	CONSULTATION ROOM	111 S.F.	60	2
102	THC AREA	900 S.F.	60	15
103	UNISEX ADA RESTROOM	78 S.F.	1 PERSON	1
104	UNISEX ADA RESTROOM	78 S.F.	1 PERSON	1
105	CORRIDOR	78 S.F.	N/A	---
106	BREAK ROOM	315 S.F.	300	2
107	JANITOR CLOSET	18 S.F.	N/A	---
108	RECEIVING AREA	167 S.F.	300	1
109	IT/DATA ROOM	80 S.F.	300	1
110	OFFICE	98 S.F.	150	1
111	VAULT	530 S.F.	300	2
112	POS STATION	207 S.F.	60	4
TOTAL		2,880 S.F.		34

MEANS OF EGRESS: (CHAPTER 10) MINIMUM EGRESS REQUIREMENTS:

(TABLE 1004.1.2) OCCUPANT LOAD AND EXIT CAPACITY:
MERCANTILE: M
RETAIL = 60 GROSS
STORAGE AND STOCKROOM = 300 GROSS

EGRESS WIDTH (SECTION 1005)
EGRESS DOORS
MERCANTILE; GROUP "M"= 0.2" PER PERSON (SECTION 1005.3.2)
DOOR [MAIN - FROM CHECK-IN ENTRANCE] = 68" NET WIDTH
DOOR [BREAK AREA EXIT] = 34" NET WIDTH
DOOR [B.O.H. EXIT] = 34" NET WIDTH

TOTAL NET EGRESS DOOR WIDTH = 136" [PROVIDED]

DOOR 170" / 0.2" = 680 PERSON CAPACITY

ACTUAL CAPACITY = 34 PERSONS.
PROVIDED EGRESS CAPACITY = 680 PERSONS.
PROPOSAL IS LESS THAN ALLOWABLE - OKAY

DOOR WIDTH (1010.1.1)
MINIMUM 32" CLEAR DOOR WIDTH REQUIRED.

TRAVEL DISTANCE

START POINT	TRAVEL DISTANCE LEGS			EXIT	TOTAL TRAVEL DISTANCE
A	A TO EXIT 54'-0"	-	-	#1	54'-0" < 200'-0"
B	B TO E 5'-11"	E TO EXIT 58'-8"	-	#2	64'-7" < 200'-0"
B	B TO E 5'-11"	E TO F 7'-5"	F TO EXIT 8'-3"	#3	21'-7" < 200'-0"
C	C TO F 27'-4"	F TO EXIT 8'-3"	-	#3	36'-0" < 200'-0"
D	D TO F 24'-5"	F TO EXIT 8'-3"	-	#3	37'-8" < 200'-0"

NOTE:

2020 FLORIDA BUILDING CODE

CHAPTER 10 SECTION 1016 EXIT ACCESS
EXIT ACCESS TRAVEL DISTANCE MERCANTILE:
GROUP 'M' WITHOUT SPRINKLER SYSTEM: THE MAXIMUM TRAVEL DISTANCE IN MERCANTILE UNIT : 200 FT. **(TABLE 1017.2)**

SECTION 1006.2.1 COMMON PATH OF EGRESS TRAVEL: 75 FT.

CHAPTER 10 SECTION 1017.1.1 TWO EXITS OR EXIT ACCESS DOORWAYS

WHERE TWO EXITS, EXIT ACCESS DOORWAYS, EXIT ACCESS STAIRWAYS OR RAMPS, OR ANY COMBINATION THEREOF, ARE REQUIRED FROM ANY PORTION OF THE EXIT ACCESS, THEY SHALL BE PLACED A DISTANCE APART OR NOT LESS THAN ONE-HALF OF THE MAXIMUM OVERALL DIAGONAL DIMENSIONS OF THE BUILDING OR AREA TO BE SERVED MEASURED IN A STRAIGHT LINE BETWEEN THEM.

OVERALL DIAGONAL IN SPACE = 111'-1⅞"
DISTANCE BETWEEN EXITS = 62'-3⅞"

DISTANCE BETWEEN EXITS IS MORE THAN ONE-HALF THE LENGTH OF THE MAXIMUM OVERALL DIMENSION OF THE AREA SERVED

KEY NOTES

1. EGRESS START POINT
2. EGRESS END POINT
3. CLEAR WIDTH OF ACCESSIBLE ROUTE TO BE 44" MIN.
4. ACCESSIBLE ROUTE TO BE FREE AND CLEAR AT ALL TIMES FROM ANY OBSTRUCTIONS
5. NEW EMERGENCY LIGHTING
6. FIRE EXTINGUISHER WALL MOUNTED WITH STANDARD BRACKET. FIRE EXTINGUISHER SPEC TO BE #3005 BY POTTER-ROEMER 2A:10B:C

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DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION:
2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: EK
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO
ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME:
EGRESS & LIFE SAFETY PLAN

DRAWING NO.:
A0.1

FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico
Digitally signed by Nicholas J. Tricarico
Date: 2022.10.04 13:36:09 -04'00'

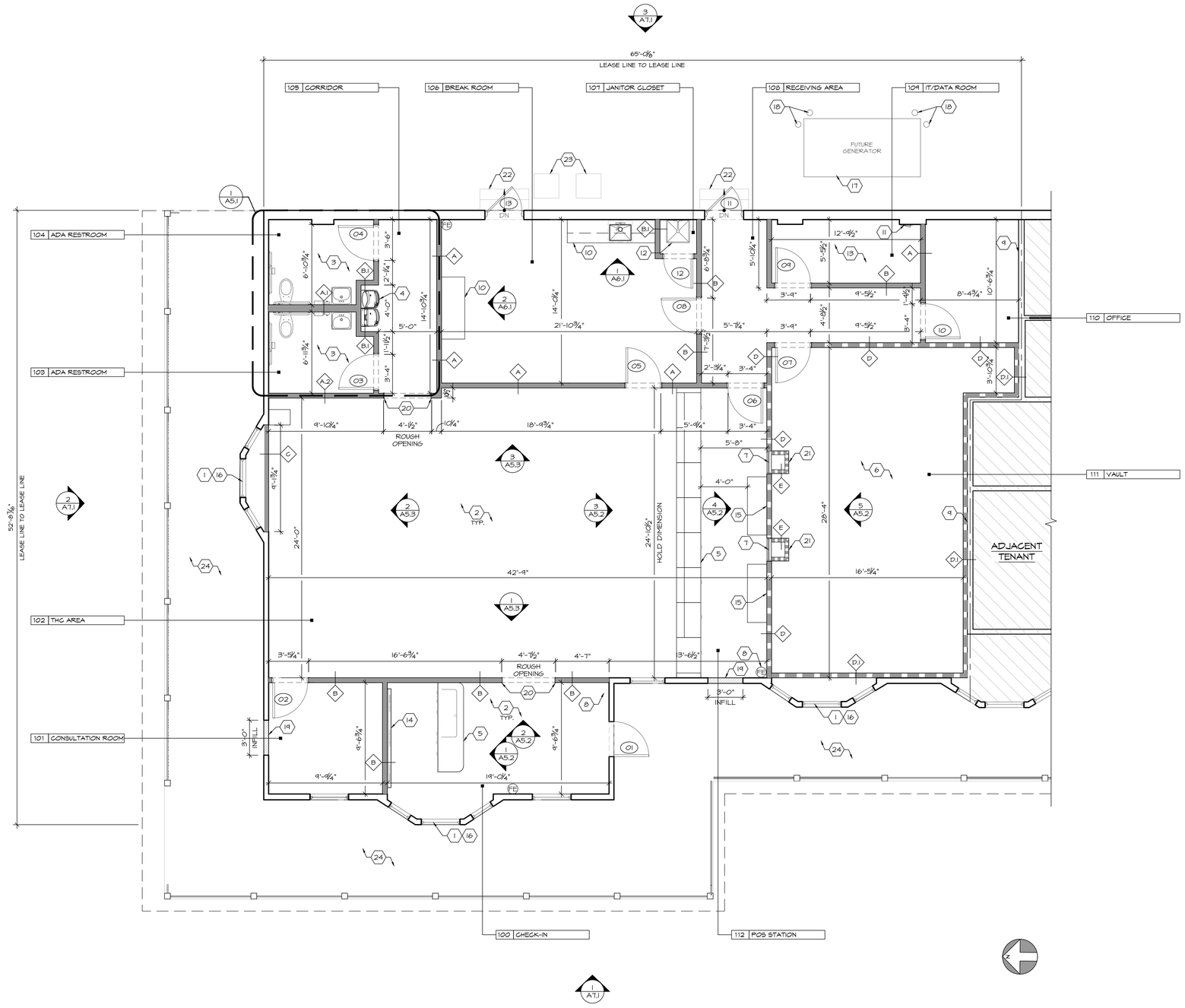
SEAL

STATE OF FLORIDA
NICHOLAS J. TRICARICO
AR0007605
REGISTERED ARCHITECT

SEAL

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.



THE GENERAL CONTRACTOR IS RESPONSIBLE AT THE BEGINNING OF THE PROJECT TO MEASURE THE SPACE WHILE REVIEWING THE ARCHITECT'S DRAWINGS TO VERIFY THAT THE INFORMATION CONTAINED IN THE ARCHITECTURAL DOCUMENTS, ON WHICH HE/SHE QUOTED TO THE CLIENT, ARE COMPATIBLE WITH THE WORK TO BE PERFORMED AND THAT ALL SPACES ARE SUFFICIENT IN SIZE FOR THE WORK TO BE COMPLETED INCLUDING WIDTHS, LENGTHS, HEIGHTS, ETC.

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

GENERAL NOTES

THE GENERAL CONTRACTOR SHALL REVIEW THE GENERAL NOTES ON EACH SHEET PRIOR TO THE START OF CONSTRUCTION. REFLECTED PLAN NOTES ON A2.1 AND FINISH NOTES ARE LOCATED ON A3.1

1. DIMENSIONS ARE TO FINISH SURFACES UNLESS NOTED OTHERWISE
2. GENERAL CONTRACTOR IS TO REPORT ALL SHELL BUILDING LATENT DEFECTS TO TENANT CONSTRUCTION MANAGER, IMMEDIATELY UPON DISCOVERY. NOTIFY ARCHITECT AND TENANT CONSTRUCTION MANAGER IMMEDIATELY OF ANY INCONSISTENCIES OR DISCREPANCIES WITH PLANS IN RELATION TO EXISTING FIELD CONDITIONS.
3. GENERAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING OVERALL DIMENSIONS AND STRUCTURAL CONDITIONS PRIOR TO BEGINNING WORK. ANY DISCREPANCIES OR PROBLEMATIC CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND TENANT CONSTRUCTION MANAGER.
4. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE ON THE CONSTRUCTION DOCUMENTS. DO NOT SCALE DRAWINGS. DIMENSIONS ARE FROM THE FACE OF FINISHED WALL (GWB) TO FACE OF FINISHED WALL (GWB) UNLESS OTHERWISE NOTED ON PLANS. (IE. LEASELINE MIDPOINT). GENERAL CONTRACTOR SHALL VERIFY THE FOLLOWING DIMENSIONS AND REPORT ANY DISCREPANCIES OR DESIGN CONFLICTS TO THE TENANT CONSTRUCTION MANAGER; OVERALL SALES FLOOR WIDTH AND DEPTH, COLUMN LOCATIONS AND SIZES, STOREFRONT ENTRY LOCATION, WORKROOM WALL LOCATION, AND CEILING HEIGHTS.
5. ANY SURFACES, FINISHES, EQUIPMENT, ETC. INDICATED AS "EXISTING TO REMAIN" OR "RELOCATED" SHALL BE REFURBISHED OR REPAIRED AS NECESSARY TO LIKE NEW CONDITION.
6. ENSURE THAT ALL COLUMNS ARE BOXED IN OR FURRED OUT THROUGHOUT LEASED SPACE.
7. ALL GYPSUM BOARD SURFACES TO BE FINISHED TO "LEVEL 4" GRADE AS PER THE DRYWALL FINISHING COUNCIL GUIDELINES AND RECOMMENDATIONS.
8. FLOOR SLAB SHALL BE LEVEL TO WITHIN 1/2" OF SLOPE OVER THE ENTIRE LEASABLE AREA AND MUST MEET MANUFACTURER'S STANDARDS FOR INSTALLATION.
9. EXTERIOR DOOR INTERCHANGEABLE CONSTRUCTION CORES TO BE REMOVED AT TURNOVER.
10. ALL LOW VOLTAGE WIRING LOCATED ABOVE CEILING LEVEL AND CONCEALED IN WALLS SHALL BE PER CODE, NO EXCEPTIONS.
11. GENERAL CONTRACTOR TO COORDINATE WITH THE LANDLORD AND AUDIO SYSTEM VENDOR FOR FINAL LOCATION OF SYSTEM COMPONENTS. REFER TO VENDOR CONTACTS. ALL LOCATIONS DEPICTED IN THESE DRAWINGS ARE FOR GENERAL REFERENCE.
12. ENSURE NO HORNS, STROBES OR OTHER DEVICES INTERFERE WITH FIXTURES OR FIRE PROTECTION DEVICES.
13. SEE FIXTURE PLAN AND FIXTURE DETAILS FOR FIXTURE INFORMATION.
14. SEE REFLECTED CEILING PLAN FOR SOFFIT AND LIGHTING INFORMATION.
15. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED, AND CONDITIONED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN SPECIFICATIONS OR INSTRUCTIONS.
16. ALL WORK SHALL BE EXECUTED IN A MANNER ACCEPTABLE TO THE OWNER.
17. UNLESS NOTED OTHERWIRE, THE GENERAL CONTRACTOR SHALL PROVIDE AND PAY FOR ALL LABOR, MATERIALS EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT MACHINERY, TRANSPORTATION, PERMITES AND OTHER SERVICES AND FACILITIES NECESSARY FOR PROPER AND TIMELY EXECUTION OF WORK.
18. THE TENANTS CONTRACTOR WARRANTS TO THE OWNER AND TO THE ARCHITECT THAT ALL MATERIALS AND EQUIPMENTS FURNISHED UNDER THE CONTRACT ARE NEW UNLESS OTHERWISE SPECIFIED AND THAT ALL WORKS WILL BE AS SPECIFIED AND FREE OF DEFECTS.
19. FOR ALL WOOD MEMBERS REQUIRED BY CODE TO BE FIRE RETARDANT TREATED, PROVIDE PRESSURE IMPREGNATION WITH FIRE RETARDANT CHEMICALS TO PROVIDE UL PRS FIRE HAZARD CLASSIFICATION. ALL WOOD SHALL BE IDENTIFIED WITH A UL LABEL CERTIFYING THIS CLASSIFICATION AND FM DIAMOND.
20. APPROVED FIRE EXTINGUISHERS SHALL BE INSTALLED AS REQUIRED BY LOCAL AUTHORITY.
21. ALL PENETRATIONS OF FIRE RESISTIVE FLOORS OR SHAFT WALLS SHALL BE PROTECTED BY MATERIALS AND INSTALLATION DETAILS THAT CONFORMS TO UL STANDARDS FOR THROUGH PENETRATION FIRESTOP SYSTEMS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWING DETAILS WHICH SHOW COMPLETE CONFORMANCE TO THE UL LISTING TO THE ARCITECT. SUCH DRAWINGS SHALL BE AVAILABLE TO ANY CITY INSPECTORS. THE DRAWINGS SHALL BE SPECIFIC FOR EACH PENETRACTION WITH ALL VARIABLES DEFINED.
22. ALL OUTSIDE CORNERS AT DRYWALL PARTITIONS AND FURRINGS TO HAVE METAL CORNER BEADS SPACKLE AND SMOOTH.
23. HVAC CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR INTENDED DIFFUSER, DUCT, LOCATIONS ETC. FOR REVIEW PRIOR TO FABRICATION AND INSTALLATION OF SAME.
24. THE CONTRACTOR IS TO REPLACE ANY FIREPROOFINGS REMOVED FROM THE BUILDING STRUCTURE DURING DEMOLITION/CONSTRUCTION.
25. ACCESS PANELS IN WALL FOR PLUMBING, MECHANICAL OR ELECTRICAL ACCESS TO BE FLUSH FRAMELESS GYP. BD. PANELS. (SEE SPEC.)
26. ALL GLASS, INTERIOR AND EXTERIOR AND ALL STOREFRONT METAL TO BE CLEANED WITH A LIQUID DETERSENT AT COMPLETION OF CONSTRUCTION AND AGAIN IMMEDIATELY BEFORE OPENING.
27. PROVIDE DIAGONAL BRACING TO STRUCTURE ABOVE ALL DOORS, GLAZING HEADS AND JAMBS AS REQUIRED TO MAKE ASSEMBLY RIGID.
28. THE GENERAL CONTRACTOR TO PROVIDE AND INSTALL PAPER COVERING APPLIED TO THE STOREFRONT GLAZING DURING CONSTRUCTION AND MERCHANDISING.
29. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE FINAL CLEAN UP OF THE ENTIRE PREMISES TO INCLUDE BUT NOT LIMITED TO FLOORS, MILLWORK, FIXTURES, ETC. FOLLOWING THE INSTALLATION OF THE MILLWORK.
30. G.C. SHALL SUPPLY & INSTALL PROPER AND ADEQUATE WOOD BLOCKING TO SUPPORT ALL OWNER SUPPLIED AND M.F.G. APPLIED & INSTALLED ITEMS FOR FIRM AND SECURE INSTALLATION ON WALLS, COLUMNS, ETC. G.C. SHALL COORDINATE WITH M.F.C. FOR REQUIRED LOCATIONS AND ADEQUACY OF BLOCKING REQUIREMENT AND PROVIDE ALL SUCH BLOCKING PRIOR TO CLOSING UP ANY AND ALL WALLS, COLUMNS, ETC. IF REQUIRED BY CODE AND LOCAL BUILDING OFFICIAL, SUCH BLOCKING SHALL BE FIRE RETARDANT TREATED TO MEET SUCH REQUIREMENT.
31. G.C. SHALL SUPPLY & INSTALL PROPER AND ADEQUATE WOOD BLOCKING TO SUPPORT ALL OWNER SUPPLIED AND M.F.G. APPLIED & INSTALLED ITEMS FOR FIRM AND SECURE INSTALLATION ON WALLS, COLUMNS, ETC. G.C. SHALL COORDINATE WITH M.F.C. FOR REQUIRED LOCATIONS AND ADEQUACY OF BLOCKING REQUIREMENT AND PROVIDE ALL SUCH BLOCKING PRIOR TO CLOSING UP ANY AND ALL WALLS, COLUMNS, ETC. IF REQUIRED BY CODE AND LOCAL BUILDING OFFICIAL, SUCH BLOCKING SHALL BE FIRE RETARDANT TREATED TO MEET SUCH REQUIREMENT

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING CONSTRUCTION TO REMAIN	FE	FIRE EXTINGUISHER
	NEW VAULT WALL SEE A1.2 FOR DETAILS		NEW DOOR, FRAME AND HARDWARE U.N.O.
	NEW FULL HEIGHT PARTITION SEE A1.2 FOR DETAILS		EXISTING DOOR, G.C. TO REPLACE ANY BROKEN OR DAMAGED HARDWARE WITH NEW IN-KIND. SEE DOOR AND HARDWARE SCHEDULE ON A1.3 FOR MORE INFORMATION
	NEW PARTIAL HEIGHT WALL SEE A1.2 FOR DETAILS		
-	PARTITION TYPE SEE A1.2 FOR DETAILS		
–	DOOR TAGS, SEE A1.3 FOR DOOR AND HARDWARE SCHEDULE		

KEY NOTES

1. EXISTING ENTRY DOOR AND EXTERIOR WINDOWS TO REMAIN. G.C. TO CLEAN GLAZING AND BRING TO 'LIKE NEW' CONDITION.
2. G.C. TO PROVIDE FIRE-RATED BACKING SUPPORT BEHIND ALL WALL-MOUNTED EQUIPMENT AND MILLWORK FIXTURES. SEE FIXTURE PLAN A4.1 FOR LOCATIONS
3. NEW PLUMBING FIXTURES AND ACCESSORIES. SEE PLUMBING FIXTURE SCHEDULE ON SHEET A5.1 FOR SPECIFICATIONS. G.C. TO PROVIDE WATERPROOF MEMBRANE 18" UP WALL MIN. ON WALLS WHERE PLUMBING FIXTURES ARE INSTALLED.
4. G.C. TO PROVIDE BLOCKING AS REQUIRED FOR NEW ELECTRIC BOTTLE FILLING DRINKING FOUNTAIN. SEE PLUMBING FIXTURE SCHEDULE ON SHEET A5.1 FOR SPECIFICATIONS.
5. CUSTOM MILLWORK DESK WITH ACCESSIBLE FEATURES TO BE PROVIDED BY OTHERS AND INSTALLED BY G.C.
6. WALLS OF VAULT TO HAVE HIGH-STRENGTH EXPANDED METAL MESH ON ONE SIDE OF WALL UNDERNEATH GYPSUM BOARD - CLARKDIETRICH BM15 16 GAUGE. SEE PARTITION TYPE FOR MORE DETAILS AND INFORMATION
7. G.C. TO FURNISH AND INSTALL VISION WINDOW AND TRANSACTION DRAWER AS SHOWN. VISION WINDOW TO BE 1-1/4" LEXAN GLASS FRAMED WINDOW. TRANSACTION DRAWER SPECIFICATION TO BE GLOBAL SHURESAFE THRU-WALL DRAWER #670198. SEE ELEVATIONS FOR MOUNTING HEIGHTS
8. FIRE EXTINGUISHER WALL MOUNTED WITH STANDARD BRACKET. FIRE EXTINGUISHER SPEC TO BE #3005 BY POTTER-ROEMER 2A:10B:C
9. EXISTING WALL TO REMAIN. G.C. TO MAINTAIN FIRE RATING AS APPLICABLE. G.C. TO PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW FINISH. SEE PARTITION TYPES FOR MORE INFORMATION.
10. G.C. TO PROVIDE BREAK ROOM MILLWORK AND COUNTERTOP. SEE A6.1 FOR MILLWORK ELEVATIONS AND DETAILS
11. EXISTING ELECTRICAL PANELS AND EQUIPMENT TO REMAIN. G.C. TO PROTECT DURING DEMOLITION AND CONSTRUCTION. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION
12. NEW MOP SINK. SEE PLUMBING FIXTURE SCHEDULE ON SHEET A5.1 FOR SPECIFICATIONS. G.C. TO PROVIDE WATERPROOF MEMBRANE 18" UP WALL MIN. ON WALLS WHERE PLUMBING FIXTURES ARE INSTALLED.
13. G.C. TO PROVIDE 3/4" THICK F.R. PLYWOOD BACKBOARD ON ALL WALLS FOR I.T. EQUIPMENT UP TO 9'-0" A.F.F., PLYWOOD TO BE PAINTED PT-1. G.C. TO ENSURE INSPECTION IS COMPLETED PRIOR TO PAINTING PLYWOOD. SEE A6.1 FOR IT ROOM ELEVATION.
14. ILLUMINATED LOGO FEATURE WALL TO BE FURNISHED BY CLIENT'S MILLWORK VENDOR AND INSTALLED BY G.C.. G.C. TO PROVIDE POWER AND BLOCKING AS REQUIRED. G.C. TO COORDINATE LOCATIONS WITH CLIENT'S MILLWORK VENDOR AND FINAL MILLWORK SHOP DRAWINGS
15. G.C. TO PROVIDE IN-WALL F.R. BLOCKING BEHIND TV LOCATIONS PRIOR TO PROCEEDING WITH INSTALLATION. SEE FIXTURE PLAN A4.1 FOR LOCATIONS
16. CLIENT'S VENDOR TO FURNISH AND INSTALL OPAQUE WINDOW FILM ON EXISTING GLAZING. THE FILM WILL BE APPLIED EXTERNALLY TO THE WINDOWS. SPEC TBD BY CLIENT. REFER TO SHEETS A7.1 FOR LOCATIONS
17. NEW CONCRETE PAD FOR FUTURE DIESEL GENERATOR. SEE DETAIL 4/A7.1 AND ELECTRICAL DRAWINGS FOR MORE INFORMATION. INSTALL GENERATOR ON CONCRETE PAD PER MANUFACTURER'S SPECIFICATIONS.
18. G.C. TO PROVIDE BOLLARDS AROUND FUTURE GENERATOR. FINAL LOCATIONS OF BOLLARDS TO BE COORDINATED ON SITE WITH CLIENT AND LANDLORD.
19. G.C. TO INFILL EXISTING DOOR OPENING. WALL CONSTRUCTION TO MATCH ADJACENT EXTERIOR WALL.
20. 3/4" WHITE OAK TRIM CASED OPENING. REFER TO DETAILS 1C/A1.3 AND 1D/A1.3 FOR MORE INFORMATION.
21. NEW PARTIAL HEIGHT WALLS/FRAMING TO SUPPORT TRANSACTION DRAWERS. G.C. TO COORDINATE DIMENSIONS OF FRAMING WITH TRANSACTION DRAWER SHOP DRAWINGS.
22. EXISTING STAIRS TO GRADE TO REMAIN. G.C. TO PATCH AND REPAIR AS REQUIRED.
23. EXISTING HVAC UNITS TO REMAIN. REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION.
24. EXISTING WOOD PORCH TO REMAIN. G.C. TO PROTECT DURING CONSTRUCTION.

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DATE:	ISSUE:
09.14.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT:
Sunnyside*

LOCATION:
2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: EK
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO
ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME:
CONSTRUCTION PLAN

DRAWING NO.:
A1.1

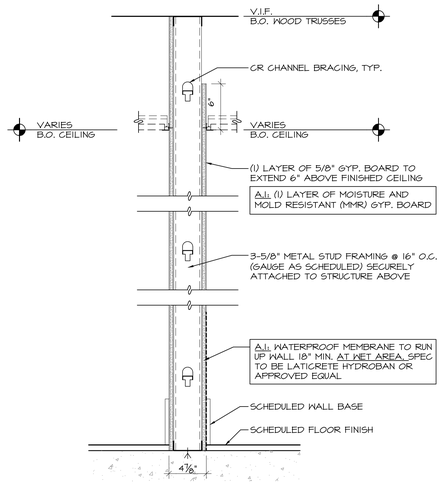
FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico
Digitally signed by Nicholas J. Tricarico
Date: 2022.10.04 13:36:33 -04'00'
SEAL

STATE OF FLORIDA
NICHOLAS J. TRICARICO
AR0007605
REGISTERED ARCHITECT
SEAL

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: GRESCO LABS
PLOT SCALE: AS NOTED

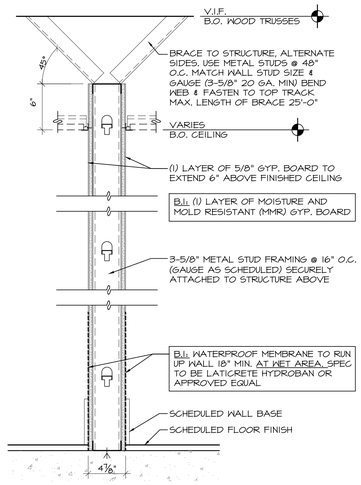


A PARTITION - FULL HEIGHT ON ONE SIDE

- 3-5/8" METAL STUD FRAMING @ 16" O.C. (GAUGE AS SCHEDULED)
- (1) LAYER OF 5/8" GYP. BOARD
- GYP. BOARD TO CONTINUE TO DECK ON THE AREA AND CORRIDOR SIDES
- SCHEDULED WALL BASE
- SCHEDULED FLOOR FINISH

A.1. SAME AS 'A' BUT WITH 6" METAL STUD FRAMING @16" O.C. WITH (1) LAYER OF MOISTURE AND MOLD RESISTANT (MMR) GYP. BD. AND WATERPROOF MEMBRANE TO RUN UP WALL 18" MIN ON BOTH SIDES

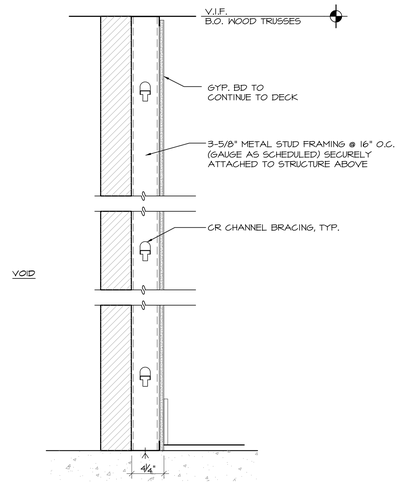
A.2. SAME AS 'A' BUTLAYER OF MOISTURE AND MOLD RESISTANT (MMR) GYP. BD. AND WATERPROOF MEMBRANE TO RUN UP WALL 18" MIN ON ONE SIDE ONLY



B PARTITION - TO 6" ABOVE CEILING

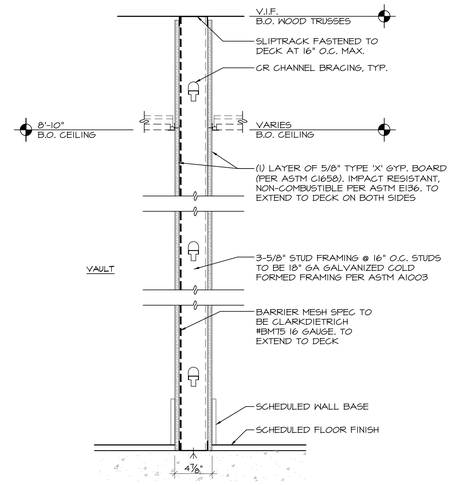
- 3-5/8" METAL STUD FRAMING @ 16" O.C. (GAUGE AS SCHEDULED)
- (1) LAYER OF 5/8" GYP. BOARD
- SCHEDULED WALL BASE
- SCHEDULED FLOOR FINISH
- BRACE STRUCTURE TO DECK ABOVE

B.1. SAME AS 'B' BUT WITH (1) LAYER OF MOISTURE AND MOLD RESISTANT (MMR) GYP. BD. AND WATERPROOF MEMBRANE TO RUN UP WALL 18" MIN ON BOTH SIDES



C PARTITION - FULL HEIGHT VOID

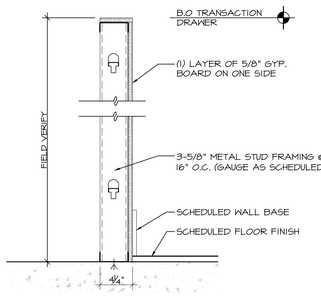
- 3-5/8" METAL STUD FRAMING @ 16" O.C. (GAUGE AS SCHEDULED)
- (1) LAYER OF 5/8" GYP. BOARD
- GYP. BOARD TO CONTINUE TO DECK
- SCHEDULED WALL BASE ON ONE SIDE ONLY
- SCHEDULED FLOOR FINISH ON ONE SIDE ONLY



D PARTITION - VAULT

- 3-5/8" STUD FRAMING @ 16" O.C. STUDS TO BE 18" GA GALVANIZED COLD FORMED FRAMING PER ASTM A1003
- (1) LAYER OF 5/8" TYPE 'X' GYP. BOARD (PER ASTM C1658). IMPACT RESISTANT, NON-COMBUSTIBLE PER ASTM E136.
- GYP. BOARD TO CONTINUE TO DECK ON BOTH SIDES.
- SCHEDULED WALL BASE
- SCHEDULED FLOOR FINISH

D.1. SAME AS 'D' BUT WITH METAL MESH AND TYPE 'X' GYP. BOARD (PER ASTM C1658) ON ONE SIDE ONLY.



E PARTITION

- (1) LAYER OF 5/8" GYP. BOARD ON ONE SIDE
- 3-5/8" METAL STUD FRAMING @ 16" O.C. (GAUGE AS SCHEDULED)
- SCHEDULED WALL BASE ON ONE SIDE
- SCHEDULED FLOOR FINISH ON ONE SIDE

1 PARTITION TYPES

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

PARTITION NOTES

- NON-BEARING STUD WALLS ONLY, SEE OTHER DETAILS FOR BEARING WALLS
- STUDS AT ALL PARTITIONS TO BE 20 GA. MIN.

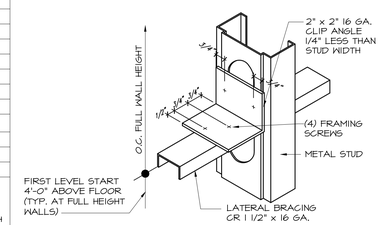
1. ALL SUSPENDED WALLS SHALL HAVE GYP. BD. TO 6" ABOVE THE SUSPENDED CEILING UNLESS SHOWN AND/OR NOTED OTHERWISE BY THE ARCHITECT.
2. ALL STUD WALLS AND PARTITIONS SHALL HAVE CONTINUOUS LINES OF BRIDGING SPACED AT 4'-0" MAXIMUM ON CENTER. THE BRIDGING SHALL BE SECURELY FASTENED TO THE STUDS WITH EITHER SCREWS OR WELDS.
3. ALL STUDS SHALL BE "CEE" STUDS WITH FLANGE STIFFENERS.
4. THE MATERIALS AND DETAILS SHOWN ARE FOR TYPICAL INSTALLATIONS WHERE THE STUD MANUFACTURER'S RECOMMENDATIONS OR LOCAL ORDINANCES ARE MORE RESTRICTIVE, THEY SHALL APPLY.
5. DRYWALL CONTROL JOINTS ARE TO BE INSTALLED AT MINIMUM 30'-0" O.C. AT PARTITIONS AND ELSEWHERE AS NOTED.
6. TYPICAL FASTENER:
   A. STEEL STUDS TO STEEL STUDS OR TRACKS:
      #8-18 X 1/2" TEKS/2 WITH PHIL PAN HEAD FOR 20 GA.
      #10 - 16 X 5/16" TEKS/3 WITH PHIL PAN HEAD FOR INTERCONNECTION OF 18 GA. OR 16 GA.
   B. STEEL STUDS OR TRACKS TO WOOD PURLINS, GIRDERS & BEAMS:
      #14-10 X 1 1/2" HWH. TYPE "S" METAL -TO-WOOD TEKS.
   C. PLYWOOD TO STEEL STUDS:
      #10 - 24 X 3/4" TEKS/3 (PLYMETAL TEKS) WITH THIN WAFER HEAD.
   D. GYP. BD. TO STEEL STUDS:
      #7 X 1 1/4" HI-LO TYPE "S" BUGLE HEAD SCREWS FOR 3/8" TO 5/8" GYP. BD. TO 20 GAUGE STUDS. #6 X 1 1/4" TYPE S-12 BUGLE HEAD SCREWS FOR 3/8" TO 5/8" TO 18 GA. OR 16 GA. STUDS OR TRACKS
7. "ALIGN" MEANS SIMILAR COMPONENTS OF CONSTRUCTION. E.G., WALLS, JAMBS, ETC. SHALL ALIGN ACROSS VOIDS AND JOINTS.
8. PARTITIONS SHALL BE CONTINUOUS OVER DOORS SAME AS ADJACENT WALLS (UNLESS OTHERWISE NOTED) WHERE DRYWALL CONTINUES ABOVE CEILING LEVEL AND ABOVE THE CEILING LEVEL UP TO THE STRUCTURE ABOVE. ALL GYPSUM BOARD RETURNS SHALL HAVE METAL CORNER BEADS MINIMUM FLOOR TO CEILING. ALL PENETRATIONS IN DRYWALL CONSTRUCTION ABOVE FINISHED CEILING AND AS NOTED ELSEWHERE SHALL BE EFFECTIVELY SEALED TO PREVENT SOUND LEAKAGE AND FIRE STOP CAULKED AT UL RATED PARTITIONS. ALL DRY-WALL JOINTS ABOVE FINISHED CEILING SHALL BE "FIRE TAPED." ALL MECHANICAL CHASES AND OTHER NOTED CHASES ARE TO EXTEND UP TO THE UNDERSIDE OF THE DECK STRUCTURE ABOVE. ALL PLUMBING CHASES UNLESS OTHERWISE NOTED SHALL EXTEND ABOVE THE HIGHEST ADJOINING CEILING AND BE BRACED TO STRUCTURE. ALL VERTICAL DIMENSIONS SHOWN ARE TO BE THE TOP OF TE SLAB, UNLESS NOTED OTHERWISE.
9. DRYWALL CONTROL JOINTS ARE TO BE INSTALLED AT MINIMUM 30'-0" O.C. AT PARTITIONS AND ELSEWHERE AS NOTED.
10. AT PARTITIONS HIGHER THAN 12'-0" PROVIDE HORIZONTAL LATERAL BRACING WITH 1-1/2" 16 GA. COLD ROLLED CHANNELS AT 8'-0" VERT. ANCHORED TO STUDS.
11. ALL CONSTRUCTION DESIGNATED TO BE SUPPORTED BY ROOF STRUCTURE SHALL BE SUPPORTED BY TOP CHORD OF STRUCTURAL JOISTS AND NOT FROM THE METAL DECK.
12. ALL FRAMING SHALL BE METAL STUDS.
13. ALL WOOD REFERRED TO IN SPECIFICATIONS, INCLUDING PLYWOOD AND WOOD BLOCKING TO BE FIRE RETARDANT TREATED.
14. ALL PARTITIONS AT WET AREA TO USE WATER RESISTANT GYPSUM BOARD.

METAL STUD SCHEDULE

SPECIFICATION	16" O.C.	24" O.C.
	MAX. UNSUPPORTED HELP	(1) (2) (3)
2505125-33	UP TO 13'-10"	12'-0"
3625125-33	UP TO 17'-11"	15'-7"
	UP TO 18'-6"	16'-9"
3625125-43	UP TO 19'-3"	
3625125-54	UP TO 20'-0"	
3625125-68	UP TO 22'-0"	
6005125-33	UP TO 26'-1"	22'-10"
	UP TO 26'-8"	23'-8"
6005125-43	UP TO 28'-0"	
6005125-54	UP TO 30'-0"	
6005125-68	UP TO 32'-0"	

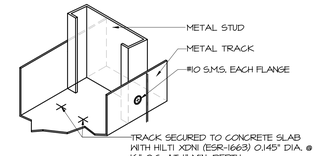
1. BASED ON INTERIOR NON-BEARING PARTITIONS WITH (1) LAYER OF GYP. BD. EACH SIDE. USE GAUGE, TYPE AS SCHEDULED UNLESS NOTED OTHERWISE ON DRAWINGS.
2. RUNNER TRACK GAUGE TO MATCH STUD.
3. WALLS OVER 12'-0" HIGH TO BE LATERALLY BRACED VERTICAL WITH 1-1/2", 16 GA. COLD-ROLLED CHANNELS CLIP ANCHORED TO METAL STUDS.

NOTE: 20GA. IS A DRYWALL STUD. 18GA, 16GA, AND 14GA ARE STRUCTURAL STUDS.



2 TYPICAL WALL BRACING DETAIL

SCALE: 3" = 1'-0"



3 TYPICAL BOTTOM TRACK DETAIL

SCALE: NTS

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FLORIDA LICENSE # AR0007605

DATE: AS SHOWN

PROJECT NO.: 220392

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DATE:	ISSUE:
09.14.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT:
Sunnyside*

LOCATION:
2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.:	DRAWN BY:
220392	RAL
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO
ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME:
PARTITION TYPES

DRAWING NO.:
A1.2

FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico
Digitally signed by Nicholas J. Tricarico
Date: 2022.10.04 13:37:03 -04'00'
SEAL

STATE OF FLORIDA
NICHOLAS J. TRICARICO
AR0007605
REGISTERED ARCHITECT
SEAL

PLOT SCALE: AS NOTED

PROJECT: CRESCO LABS

LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055

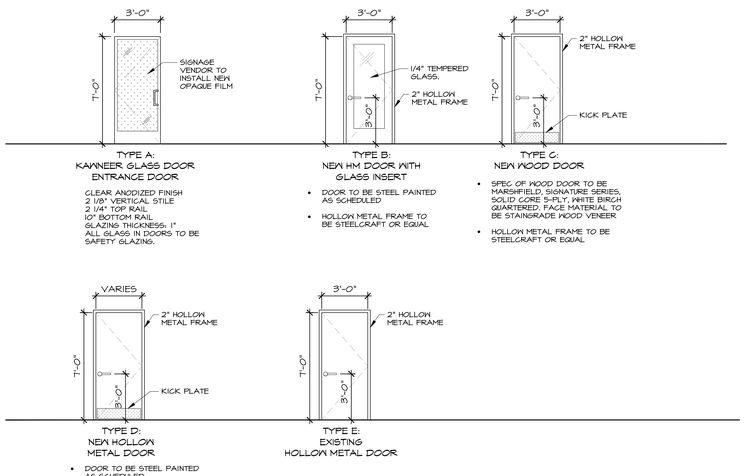
NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

DOOR SCHEDULE

NO.	LOCATION	SIZE (WIDTH. X HEIGHT)	DOOR TYPE	DOOR			FRAME		FIRE RATING	DETAILS			HARDWARE SET	KEY SCHEDULE	REMARKS
				MATERIAL	CORE	FINISH	MATERIAL	FINISH		JAMB	SILL	HEADER			
01	FROM: CHECK-IN TO: EXTERIOR	3'-0" X 7'-0"	A	ALUMINUM	GLASS	CLEAR ANODIZED	ALUMINUM	CLEAR ANODIZED	-	IE/AI.3	TSI	IF/AI.3	06	A-1 (HIGH)	G.C. IS RESPONSIBLE TO SUBMIT SIGNED SHOP DRAWINGS FOR ARCHITECT/CLIENT REVIEW PRIOR TO FABRICATION.
02	FROM: THC AREA TO: CONSULTATION ROOM	3'-0" X 7'-0"	B	METAL	GLASS	PT-1	METAL	PT-1	--	IA/AI.3		IB/AI.3	05	A-2 (LOW)	
03	FROM: CORRIDOR TO: UNISEX ADA RESTROOM	3'-0" X 7'-0"	C	WOOD	SOLID	PT-2 / PT-1	METAL	PT-2 / PT-1	--	IA/AI.3		IB/AI.3	01	A-2 (LOW)	CORRIDOR SIDE DOOR AND FRAME TO BE PAINTED PT-2, RESTROOM SIDE TO BE PAINTED PT-1
04	FROM: CORRIDOR TO: UNISEX ADA RESTROOM	3'-0" X 7'-0"	C	WOOD	SOLID	PT-2 / PT-1	METAL	PT-2 / PT-1	--	IA/AI.3		IB/AI.3	01	A-2 (LOW)	CORRIDOR SIDE DOOR AND FRAME TO BE PAINTED PT-2, RESTROOM SIDE TO BE PAINTED PT-1
05	FROM: THC AREA TO: BREAK ROOM	3'-0" X 7'-0"	D	METAL	HOLLOW	PT-1	METAL	PT-1	--	IA/AI.3		IB/AI.3	02	A-2 (LOW)	
06	FROM: RECEIVING AREA TO: POS STATION	3'-0" X 7'-0"	D	METAL	HOLLOW	PT-1	METAL	PT-1	--	IA/AI.3		IB/AI.3	02	A-1 (HIGH)	
07	FROM: RECEIVING AREA TO: VAULT	3'-0" X 7'-0"	D	METAL	HOLLOW	PT-1	METAL	PT-1	--	IA/AI.3		IB/AI.3	04	A-1 (HIGH)	
08	FROM: RECEIVING AREA TO: BREAK ROOM	3'-0" X 7'-0"	D	METAL	HOLLOW	PT-1	METAL	PT-1	--	IA/AI.3		IB/AI.3	03	A-2 (LOW)	NO ELECTRIC STRIKE
09	FROM: RECEIVING AREA TO: IT/DATA ROOM	3'-0" X 7'-0"	D	METAL	HOLLOW	PT-1	METAL	PT-1	--	IA/AI.3		IB/AI.3	02	A-1 (HIGH)	
10	FROM: RECEIVING AREA TO: OFFICE	3'-0" X 7'-0"	D	METAL	HOLLOW	PT-1	METAL	PT-1	--	IA/AI.3		IB/AI.3	05	A-1 (HIGH)	
11	FROM: RECEIVING AREA TO: EXTERIOR	3'-0" X 7'-0" (V.I.F.)	E	EXISTING	EXISTING	PT-1	EXISTING	PT-1	EXISTING	EXISTING	EXIST.	EXISTING	SEE REMARKS	A-1 (HIGH)	EXISTING DOOR TO REMAIN. G.C. TO REPLACE ANY BROKEN OR DAMAGED WITH NEW-IN KIND.
12	FROM: JANITOR'S CLOSET TO: BREAK ROOM	2'-6" X 7'-0"	D	METAL	HOLLOW	PT-1	METAL	PT-1	--	IA/AI.3		IB/AI.3	03	A-2 (LOW)	NO ELECTRIC STRIKE
13	FROM: BREAK ROOM TO: EXTERIOR	3'-0" X 7'-0" (V.I.F.)	E	EXISTING	EXISTING	PT-4 / PT-1	EXISTING	PT-4 / PT-1	EXISTING	EXISTING	EXIST.	EXISTING	SEE REMARKS	A-1 (HIGH)	BREAK ROOM SIDE DOOR AND FRAME TO BE PAINTED PT-4, EXTERIOR SIDE TO BE PAINTED PT-1. EXISTING DOOR TO REMAIN. G.C. TO REPLACE ANY BROKEN OR DAMAGED WITH NEW-IN KIND.
14	FROM: POS STATION TO: EXTERIOR	3'-0" X 7'-0" (V.I.F.)	A	EXISTING	EXISTING	PT-1	EXISTING	PT-1	EXISTING	EXISTING	EXIST.	EXISTING	SEE REMARKS	A-1 (HIGH)	EXISTING DOOR TO REMAIN AND BE CLOSED AND LOCKED AT ALL TIMES. G.C. TO REPLACE ANY BROKEN OR DAMAGED WITH NEW-IN KIND.

DOOR TYPES

NOTE: REFER TO PLAN FOR SWING DIRECTION. VERIFY PRIOR TO FABRICATION, PURCHASE, AND INSTALLATION.



TYPE A:
KAWNEER GLASS DOOR ENTRANCE DOOR

CLEAR ANODIZED FINISH
2 1/8" VERTICAL STILE
2 1/4" TOP RAIL
10" BOTTOM RAIL
GLAZING THICKNESS: 1"
ALL GLASS IN DOORS TO BE SAFETY GLAZING.

TYPE B:
NEW HM DOOR WITH GLASS INSERT

- DOOR TO BE STEEL PAINTED AS SCHEDULED
- HOLLOW METAL FRAME TO BE STEELCRAFT OR EQUAL

TYPE C:
NEW WOOD DOOR

- SPEC OF WOOD DOOR TO BE MARSHFIELD, SIGNATURE SERIES, SOLID CORE 5-PLY, WHITE BIRCH QUARTERED FACE MATERIAL TO BE STAINGRADE WOOD VENEER
- HOLLOW METAL FRAME TO BE STEELCRAFT OR EQUAL

TYPE D:
NEW HOLLOW METAL DOOR

- DOOR TO BE STEEL PAINTED AS SCHEDULED
- HOLLOW METAL FRAME TO BE STEELCRAFT OR EQUAL

TYPE E:
EXISTING HOLLOW METAL DOOR

DOOR HARDWARE SCHEDULE

HARDWARE SET #01 (PRIVACY LOCKSET DOOR)				
DESCRIPTION	MANUFACTURER	MODEL NO.	FINISH	REMARKS
HINGES	CAL-ROYAL	4.5x4.5, #BB31	US26D	QTY:3 PER DOOR
PRIVACY LOCKSET	CAL-ROYAL	#5L-20	US26D	
SURFACE CLOSER	NORTON	ARCHITECTURAL DOOR CLOSER, #8501	ALUMINUM	NO HOLD OPEN
WALL STOP	HAGER	#2555	US26D	
KICK PLATE	HAGER	8"x34" #1905	STAINLESS STEEL	
HARDWARE SET #02 (STOREROOM LOCKSET DOOR)				
DESCRIPTION	MANUFACTURER	MODEL NO.	FINISH	REMARKS
HINGES	CAL-ROYAL	4.5x4.5, #BB31	US26D	QTY:3 PER DOOR
STOREROOM LOCKSET	CAL-ROYAL	#5L-05	US26D	
SURFACE CLOSER	NORTON	ARCHITECTURAL DOOR CLOSER, #8501	ALUMINUM	NO HOLD OPEN
ELECTRIC STRIKE	CAMDEN	UNIVERSAL LOW PROFILE GRADE 2, SAFE/FAIL SECURE, #CX-ED2074	STAINLESS STEEL	12/24V AC/DC VOLTAGE
WALL STOP	HAGER	#2555	US26D	
KICK PLATE	HAGER	8"x34" #1905	STAINLESS STEEL	
HARDWARE SET #03 (PASSAGE LOCKSET DOOR)				
DESCRIPTION	MANUFACTURER	MODEL NO.	FINISH	REMARKS
HINGES	CAL-ROYAL	4.5x4.5, #BB31	US26D	QTY:3 PER DOOR
PASSAGE LOCKSET	CAL-ROYAL	#5L-30	US26D	
SURFACE CLOSER	NORTON	ARCHITECTURAL DOOR CLOSER, #8501	ALUMINUM	NO HOLD OPEN
WALL STOP	HAGER	#2555	US26D	
KICK PLATE	HAGER	8"x34" #1905	STAINLESS STEEL	12/24V AC/DC VOLTAGE
ELECTRIC STRIKE	CAMDEN	UNIVERSAL LOW PROFILE GRADE 2, SAFE/FAIL SECURE, #CX-ED2074	STAINLESS STEEL	12/24V AC/DC VOLTAGE
HARDWARE SET #04 (VAULT DOOR)				
DESCRIPTION	MANUFACTURER	MODEL NO.	FINISH	REMARKS
HINGES	CAL-ROYAL	4.5x4.5, #BB31	US26D	QTY:3 PER DOOR
STOREROOM LOCKSET	CAL-ROYAL	#5L-05	US26D	
SURFACE CLOSER	NORTON	ARCHITECTURAL DOOR CLOSER, #8501	ALUMINUM	NO HOLD OPEN
ELECTRIC STRIKE	CAMDEN	UNIVERSAL LOW PROFILE GRADE 2, SAFE/FAIL SECURE, #CX-ED2074	STAINLESS STEEL	12/24V AC/DC VOLTAGE
DEADBOLT	CAL-ROYAL	#CULT-360	US26D	
DOOR VIEWER	HAGER	#1755	US26D	
WALL STOP	HAGER	#2555	US26D	
KICK PLATE	HAGER	8"x34" #1905	STAINLESS STEEL	
HARDWARE SET #05 (OFFICE LOCKSET DOOR)				
DESCRIPTION	MANUFACTURER	MODEL NO.	FINISH	REMARKS
HINGES	CAL-ROYAL	4.5x4.5, #BB31	US26D	QTY:3 PER DOOR
OFFICE LOCKSET	CAL-ROYAL	#5L-00	US26D	
SURFACE CLOSER	NORTON	ARCHITECTURAL DOOR CLOSER, #8501	ALUMINUM	NO HOLD OPEN
ELECTRIC STRIKE	CAMDEN	UNIVERSAL LOW PROFILE GRADE 2, SAFE/FAIL SECURE, #CX-ED2074	STAINLESS STEEL	12/24V AC/DC VOLTAGE
WALL STOP	HAGER	#2555	US26D	
KICK PLATE	HAGER	8"x34" #1905	STAINLESS STEEL	
HARDWARE SET #06 (STOREFRONT DOOR LOCKSET)				
DESCRIPTION	MANUFACTURER	MODEL NO.	FINISH	REMARKS
HINGES	KAWNEER	NON FERROUS NRP	SATIN CHROME	
PULL	KAWNEER	CO-9/CO-12	US32D	
PUSH	KAWNEER	CP-11	US32D	
DEADLOCK	ADAMSRITE	MS #18505-050	US26D	
DEADBOLT LEVER	ADAMSRITE	MS #4550	US26D	
CONC. CLOSER	KAWNEER	COC	SATIN CHROME	
THRESHOLD	KAWNEER	BUTT HUNG	ALUMINUM	
FLUSHBOLT	INTERNATIONAL DOOR CLOSERS INC.	AUTOMATIC #1860P	---	
SWEEP	KAWNEER	32C X WIDTH	ALUMINUM	
WEATHERSEAL	KAWNEER	SEAL AIR	---	
MAIL SLOT	GRL	NDM513A	SATIN ANODIZED	TO INCLUDE #RTV408G SILICONE SEALANT AT OPENING EDGES

DOOR RATING CLASSIFICATION

CLASS A:
CLASSIFICATION GENERALLY APPLIES TO 3 HOUR DOORS INTENDED FOR USE IN FOUR-HOUR PARTITIONS. COMMONLY REFERRED TO AS "A" LABEL DOORS.

CLASS B:
CLASSIFICATION GENERALLY APPLIES TO 1-1/2 HOUR DOORS INTENDED FOR USE IN TWO-HOUR PARTITIONS. COMMONLY REFERRED TO AS "B" LABEL DOORS.

CLASS C:
CLASSIFICATION GENERALLY APPLIES TO 3/4 HOUR DOORS INTENDED FOR USE IN ONE-HOUR PARTITIONS. COMMONLY REFERRED TO AS "C" LABEL DOORS.

DOOR GENERAL NOTES

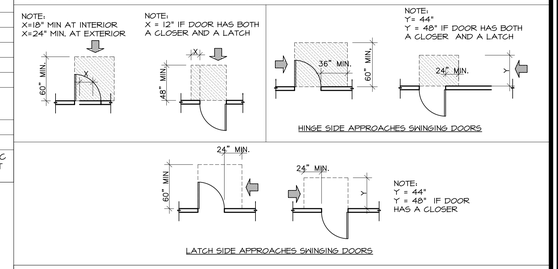
1. CLOSERS: DOOR CLOSERS TO BE MOUNTED ON ROOM SIDE OF DOORS. DOOR CLOSERS TO HAVE A MAXIMUM OPENING FORCE OF 5 LBF (INTERIOR HINGED DOORS). THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR SHALL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 IN. FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
2. ALL DOOR HINGES TO BE STEEL BALL BEARING, FULL MORTISE TYPE.
3. ALL METAL DOOR FRAMES TO BE PROVIDED WITH SILENCERS.
4. GENERAL CONTRACTOR SHALL ENSURE ALL EXISTING DOORS TO REMAIN TO BE IN GOOD OPERATING ORDER AND TO MEET CURRENT BUILDING CODES AND ADA REQUIREMENTS. GENERAL CONTRACTOR TO RESTORE DOORS AND HARDWARE TO "LIKE NEW" CONDITION.
5. EXTERIOR HINGES TO HAVE NON-REMOVABLE PINS.
6. G.C. TO COORDINATE WITH HARVEST SECURITY REP FOR INSTALLATION OF SECURITY DEVICES AT DOORS 2 WKS PRIOR TO HANDOVER.
7. ALL LOCK CYLINDERS TO HAVE THE SAME MASTER KEY AND LOCK.
8. LOCKSMITH TO FURNISH KEYS TO CLIENT AT HANDOVER. QUANTITY OF KEYS IS 5 (UNLESS OTHERWISE NOTED).
9. G.C. TO INCLUDE IN HARDWARE SUBMITTAL PACKAGE ALL ADDITIONAL HARDWARE & COMPONENTS (RELAYS, ACCESSORIES) REQUIRED FOR A COMPLETE/FUNCTIONAL PACKAGE INSTALL.
10. REFER TO SECURITY PLAN FOR SECURITY DEVICES.
11. ALL DOORS AND DOOR FRAMES TO BE PAINTED SAME COLOR AS ADJACENT WALL (UNLESS OTHERWISE NOTED).

DOOR ACCESSIBILITY NOTES

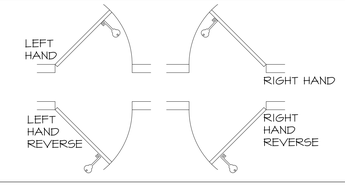
1. THIS PROJECT SHALL COMPLY WITH ALL FEDERAL AMERICANS WITH DISABILITY ACT REGULATION AND ALL LOCAL ACCESSIBILITY REGULATIONS.
2. THRESHOLDS SHALL BE NO HIGHER THAN 1/2" ABOVE THE FLOOR. EDGE TO BE BEVELED WITH A SLOPE NO GREATER THAN 1 IN 2.
3. PROVIDE 18" CLEAR SPACE AT STRIKE/PULL SIDE ON INTERIOR DOORS, AND 12" CLEAR AT STRIKE/PUSH SIDE OF DOORS W/ CLOSERS.
4. ALL CASHWRAPS SHALL BE ACCESSIBLE TO THE HANDICAP AS PER ADA/LOCAL ACCESS CODE REQUIREMENTS. SIGNAGE SHALL BE PROVIDED PER THE AMERICANS WITH DISABILITIES ACT.
5. GENERAL CONTRACTOR SHALL VERIFY WITH SUPPLIER THAT ALL HARDWARE MEETS ADA REQUIREMENTS.
6. TOILET ROOM SIGNS SHALL DISPLAY DISABILITY ACCESS SIGN.
7. FLOOR SHALL BE LEVEL THROUGHOUT.
8. ACCESSIBLE DOORS MUST BE MINIMUM 3'-0"W X 6'-8" H. MODIFY IF REQUIRED.
9. ALL EGRESS DOORS SHALL BE OPERABLE FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
10. DOOR HARDWARE SHALL BE OF THE LEVER OR PUSH TYPE, MOUNTED 30" TO 44" ABOVE THE FLOOR AND BE OPERABLE WITH A MAXIMUM EFFORT OF 5 LBS. FOR INTERIOR DOORS.

DOOR CLEARANCE REQUIREMENT

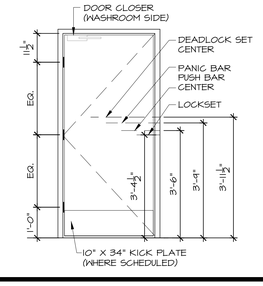
NOTE: DOOR APPROACHES ALSO INDICATED ON FLOOR PLAN. ALL DOORS ON PLAN SHOWN TO COMPLY WITH THE FOLLOWING REQUIREMENTS.

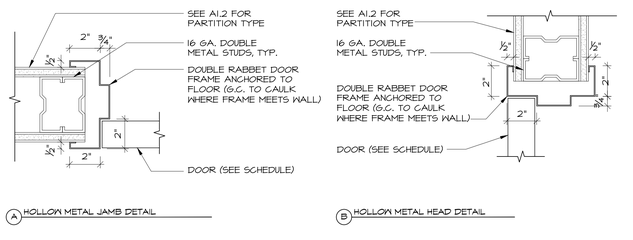


DOOR HANDING



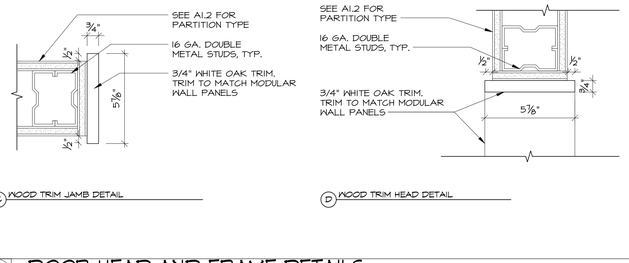
DOOR ELEVATION





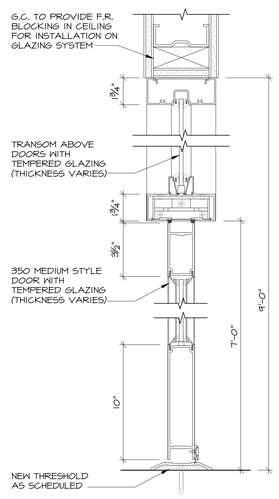
A HOLLOW METAL JAMB DETAIL

B HOLLOW METAL HEAD DETAIL



C WOOD TRIM JAMB DETAIL

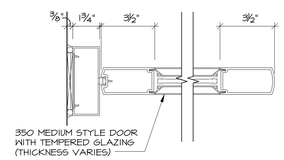
D WOOD TRIM HEAD DETAIL



F KAWNEER DOOR HEAD/SILL DETAIL

HARDWARE NOTE:

G.C. TO PROVIDE STRIKES. CLIENT'S VENDOR TO PROVIDE CARD READER DEVICE AND WIRING



E KAWNEER DOOR JAMB DETAIL

1 DOOR HEAD AND FRAME DETAILS
SCALE: 3" = 1'-0"

TRICARICO ARCHITECTURE AND DESIGN PC
502 VALLEY ROAD, WAYNE, NJ 07470
T:973-692-0222 F:973-692-0223
TRICARICO.COM

NICHOLAS J. TRICARICO
FLORIDA LICENSE # AR0007605

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THE GENERAL CONTRACTOR AND/OR ALL SUB-CONTRACTORS WORKING FROM THESE PLANS AND SPECIFICATIONS ARE NOT TO SCALE SUCH INFORMATION BUT TO CONTACT THE ARCHITECT OR HIS REPRESENTATIVE REGARDING MEASUREMENTS. IF SUCH MEASUREMENTS DO NOT APPEAR CORRECT, ADD UP PROPERLY OR SCALE CORRECTLY TO THE INDICATED SIZE.

DATE:	ISSUE:
09.14.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: RAL
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME: DOOR SCHEDULE & DETAILS

DRAWING NO.: A1.3

FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico Digitally signed by Nicholas J. Tricarico Date: 2022.10.04 13:37:28 -04'00'

SEAL

STATE OF FLORIDA NICHOLAS J. TRICARICO AR0007605 LICENSED ARCHITECT

SEAL

DATE: AS SHOWN

PROJECT NO.: 220392

LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055

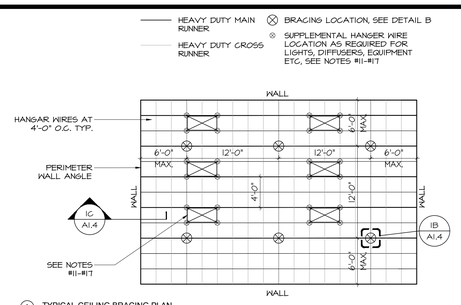
PROJECT: CRESCO LABS

PLOT SCALE: AS NOTED

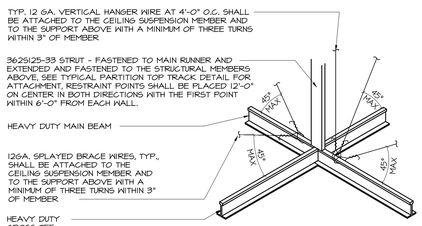
NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

CEILING NOTES:

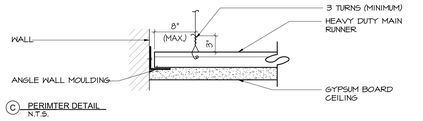
1. INSTALLATION MUST CONFORM WITH THE 2020 FLORIDA BUILDING CODE PER THE FOLLOWING NOTES & DETAILS:
2. CEILING AREAS OVER 1,000 S.F. MUST HAVE HORIZONTAL RESTRAINT WIRE OR RIGID BRACING.
3. CEILING AREAS OVER 2,500 S.F. MUST HAVE SEISMIC SEPARATION JOINTS OR FULL HEIGHT PARTITIONS.
4. CHANGES IN CEILING PLANE MUST HAVE POSITIVE BRACING.
5. CABLE TRAYS AND ELECTRICAL CONDUITS MUST BE INDEPENDENTLY SUPPORTED AND BRACED.
6. T.G.C. TO INSTALL PER CEILING MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
7. SUSPENSION WIRES MUST BE 12-GAUGE MIN. SPACED AT 4'-0" O.C.
8. EACH VERTICAL WIRE SHALL BE ATTACHED TO THE CEILING SUSPENSION MEMBER AND TO THE SUPPORT ABOVE WITH A MINIMUM OF THREE TURNS.
9. THE PERIMETER ENDS OF EACH CROSS RUNNER AND MAIN RUNNER SHALL BE SUPPORTED INDEPENDENTLY A MAXIMUM OF 8" FROM EACH WALL OR CEILING DISCONTINUITY WITH 12GA. WIRE OR APPROVED WALLSUPPORT.
10. HEAVY-DUTY SYSTEMS ARE REQUIRED. SUPPLEMENTAL HANGER WIRES ARE NOT REQUIRED IF A 48 INCH MODULAR HANGER WIRE PATTERN IS FOLLOWED. WHEN CROSS RUNNERS ARE USED WITHOUT SUPPLEMENTAL HANGER WIRES TO SUPPORT THE ENDS OF LIGHTING FIXTURES, THESE CROSS RUNNERS MUST PROVIDE THE SAME CARRYING CAPACITY AS THE MAIN RUNNER. IF THE CROSS RUNNERS ARE NOT THE SAME CARRYING CAPACITY AS THE MAIN TEES, SUPPLEMENTARY 12GA. HANGER WIRES SHALL BE ATTACHED TO THE GRID MEMBERS WITHIN 3 INCHES OF EACH CORNER OF EACH FIXTURE SUPPORTED BY A CROSS TEE.
11. LIGHT FIXTURES WEIGHING LESS THAN 10 POUNDS SHALL HAVE ONE 12GA. HANGER WIRE CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. THIS WIRE MAY BE SLACK. SUPPLEMENTARY HANGER WIRES ARE NOT REQUIRED.
12. LIGHT FIXTURES WEIGHING MORE THAN 10 POUNDS BUT LESS THAN 56 POUNDS SHALL HAVE, IN ADDITION TO THE REQUIREMENTS OUTLINED, TWO 12GA. HANGER WIRES CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK.
13. LIGHTING FIXTURES WEIGHING 56 POUNDS OR MORE SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE USING 16GA. WIRE OR AN APPROVED ALTERNATE SUPPORT WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT.
14. PENDANT-HUNG LIGHTING FIXTURES SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE USING 16GA. WIRE OR AN APPROVED ALTERNATE SUPPORT WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT.
15. CEILING MOUNTED AIR TERMINALS OR SERVICES WEIGHING LESS THAN 20 POUNDS SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS OR CROSS RUNNERS WITH THE SAME CARRYING CAPACITY AS THE MAIN RUNNERS.
16. TERMINALS OR SERVICES WEIGHTING 20 POUNDS BUT NOT MORE THAN 56 POUNDS SHALL HAVE, IN ADDITION TO THE ABOVE, TWO 12GA. HANGER WIRES CONNECTED FROM THE TERMINAL OR SERVICE TO THE CEILING SYSTEM HANGERS OR TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK.
17. TERMINALS OR SERVICES WEIGHING MORE THAN 56 POUNDS SHALL BE SUPPORTED DIRECTLY FROM THE STUCTURE ABOVE BY APPROVED HANGERS.
18. ARMSTRONG DRYWALL SUSPENSION SYSTEM PER REPORT ESR-1284
    18.1. DRYWALL CEILINGS AND SOFFITS WHERE APPLICABLE SHALL BE INSTALLED USING AN ARMSTRONG HEAVY DUTY SYSTEM PER ESR-1284.



A TYPICAL CEILING BRACING PLAN
(FOR REFERENCE ONLY)



B BRACING DETAIL
N.T.S.

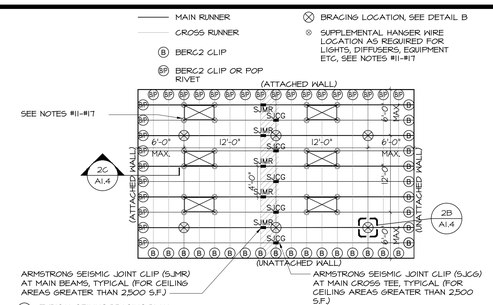


C PERIMTER DETAIL
N.T.S.

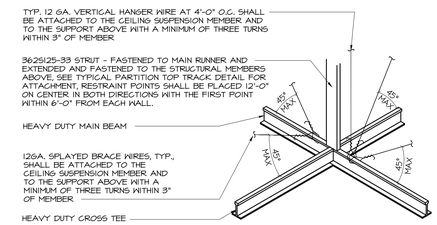
1 CEILING DETAILS - GYP. BD.
NOT TO SCALE

CEILING NOTES

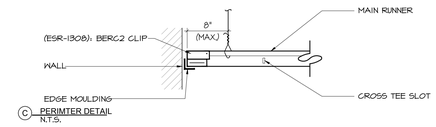
1. INSTALLATION MUST CONFORM WITH THE 2020 FLORIDA BUILDING CODE AND ASTM E 580 PER THE FOLLOWING NOTES & DETAILS:
2. CEILING AREAS OVER 1,000 S.F. MUST HAVE HORIZONTAL RESTRAINT WIRE OR RIGID BRACING.
3. CEILING AREAS OVER 2,500 S.F. MUST HAVE SEISMIC SEPARATION JOINTS OR FULL HEIGHT PARTITIONS.
4. CHANGES IN CEILING PLANE MUST HAVE POSITIVE BRACING.
5. CABLE TRAYS AND ELECTRICAL CONDUITS MUST BE INDEPENDENTLY SUPPORTED AND BRACED.
6. T.G.C. TO INSTALL PER CEILING MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
7. SUSPENSION WIRES MUST BE 12-GAUGE MIN. SPACED AT 4'-0" O.C.
8. EACH VERTICAL WIRE SHALL BE ATTACHED TO THE CEILING SUSPENSION MEMBER AND TO THE SUPPORT ABOVE WITH A MINIMUM OF THREE TURNS.
9. THE PERIMETER ENDS OF EACH CROSS RUNNER AND MAIN RUNNER SHALL BE SUPPORTED INDEPENDENTLY A MAXIMUM OF 8" FROM EACH WALL OR CEILING DISCONTINUITY WITH 12GA. WIRE OR APPROVED WALLSUPPORT.
10. HEAVY-DUTY SYSTEMS ARE REQUIRED. SUPPLEMENTAL HANGER WIRES ARE NOT REQUIRED IF A 48 INCH MODULAR HANGER WIRE PATTERN IS FOLLOWED. WHEN CROSS RUNNERS ARE USED WITHOUT SUPPLEMENTAL HANGER WIRES TO SUPPORT THE ENDS OF LIGHTING FIXTURES, THESE CROSS RUNNERS MUST PROVIDE THE SAME CARRYING CAPACITY AS THE MAIN RUNNER. IF THE CROSS RUNNERS ARE NOT THE SAME CARRYING CAPACITY AS THE MAIN TEES, SUPPLEMENTARY 12GA. HANGER WIRES SHALL BE ATTACHED TO THE GRID MEMBERS WITHIN 3 INCHES OF EACH CORNER OF EACH FIXTURE SUPPORTED BY A CROSS TEE.
11. LIGHT FIXTURES WEIGHING LESS THAN 10 POUNDS SHALL HAVE ONE 12GA. HANGER WIRE CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. THIS WIRE MAY BE SLACK. SUPPLEMENTARY HANGER WIRES ARE NOT REQUIRED.
12. LIGHT FIXTURES WEIGHING MORE THAN 10 POUNDS BUT LESS THAN 56 POUNDS SHALL HAVE, IN ADDITION TO THE REQUIREMENTS OUTLINED, TWO 12GA. HANGER WIRES CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK.
13. LIGHTING FIXTURES WEIGHING 56 POUNDS OR MORE SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE USING 16GA. WIRE OR AN APPROVED ALTERNATE SUPPORT WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT.
14. PENDANT-HUNG LIGHTING FIXTURES SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE USING 16GA. WIRE OR AN APPROVED ALTERNATE SUPPORT WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT.
15. CEILING MOUNTED AIR TERMINALS OR SERVICES WEIGHING LESS THAN 20 POUNDS SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS OR CROSS RUNNERS WITH THE SAME CARRYING CAPACITY AS THE MAIN RUNNERS.
16. TERMINALS OR SERVICES WEIGHTING 20 POUNDS BUT NOT MORE THAN 56 POUNDS SHALL HAVE, IN ADDITION TO THE ABOVE, TWO 12GA. HANGER WIRES CONNECTED FROM THE TERMINAL OR SERVICE TO THE CEILING SYSTEM HANGERS OR TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK.
17. TERMINALS OR SERVICES WEIGHING MORE THAN 56 POUNDS SHALL BE SUPPORTED DIRECTLY FROM THE STUCTURE ABOVE BY APPROVED HANGERS.
18. ARMSTRONG ACT SEISMIC RX SUSPENSION SYSTEM REPORT ESR-1308.
    18.1. MINIMUM 7/8" WALL MOLDING
    18.2. GRID MUST BE ATTACHED ON TWO ADJACENT WALLS - OPPOSITE WALLS REQUIRE BERC2 CLIPS WITH 3/4" CLEARANCE.
    18.3. BERC2 MAINTAINS MAIN BEAM AND CROSS TEE SPACING; NO OTHER COMPONENTS REQUIRED. STABILIZER BARS NOT REQUIRED.
    18.4. HEAVY-DUTY SYSTEMS AS IDENTIFIED IN ICC-ESR-1308.



A TYPICAL CEILING BRACING PLAN
(FOR REFERENCE ONLY)

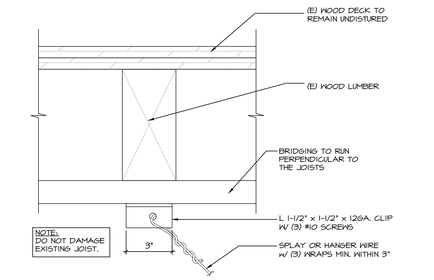


B BRACING DETAIL
N.T.S.

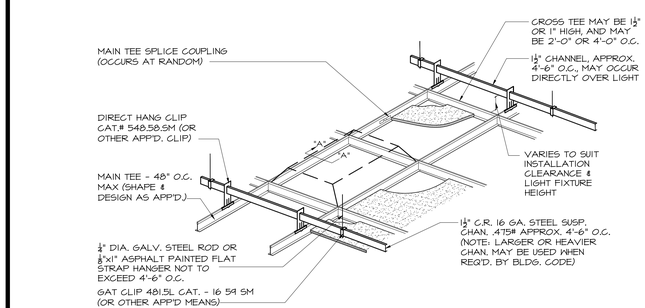


C PERIMTER DETAIL
N.T.S.

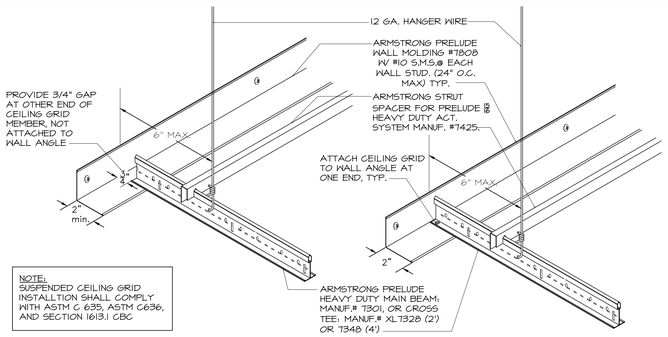
2 CEILING DETAILS - ACT
NOT TO SCALE



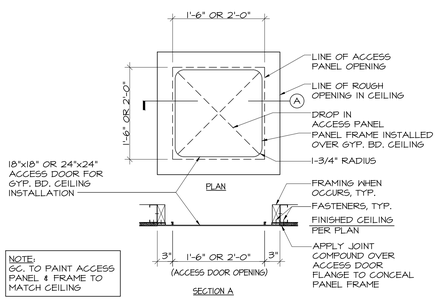
3 CEILING ATTACHMENT: BRIDGING STUD
SCALE: 3" = 1'-0"



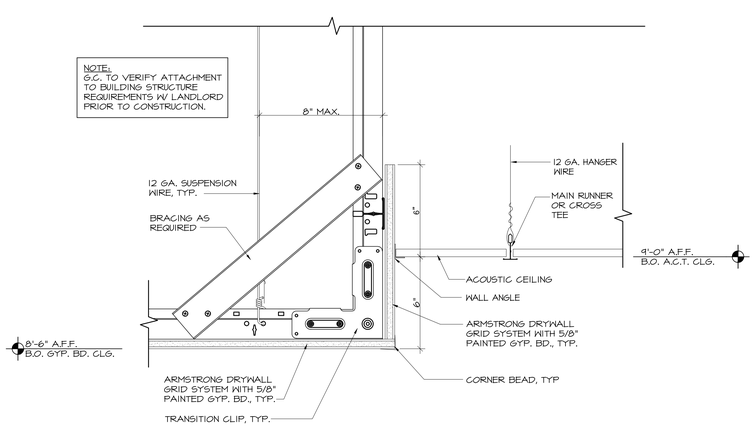
4 SUSPENDED CEILING DETAIL
SCALE: 1/4" = 1'-0"



5 A.C.T. PERIMETER CEILING GRID DETAIL
SCALE: 1/4" = 1'-0"



6 ACCESS PANEL, TYP
SCALE: 1" = 1'-0"



7 GYPSUM BOARD SOFFIT DETAIL
SCALE: 3" = 1'-0"

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DATE:	ISSUE:
09.14.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: RAL
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME: CONSTRUCTION DETAILS

DRAWING NO.: A1.4

FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico Digitally signed by Nicholas J. Tricarico Date: 2022.10.04 13:38:07 -04'00'

SEAL

STATE OF FLORIDA NICHOLAS J. TRICARICO AR0007605 REGISTERED ARCHITECT

SEAL

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

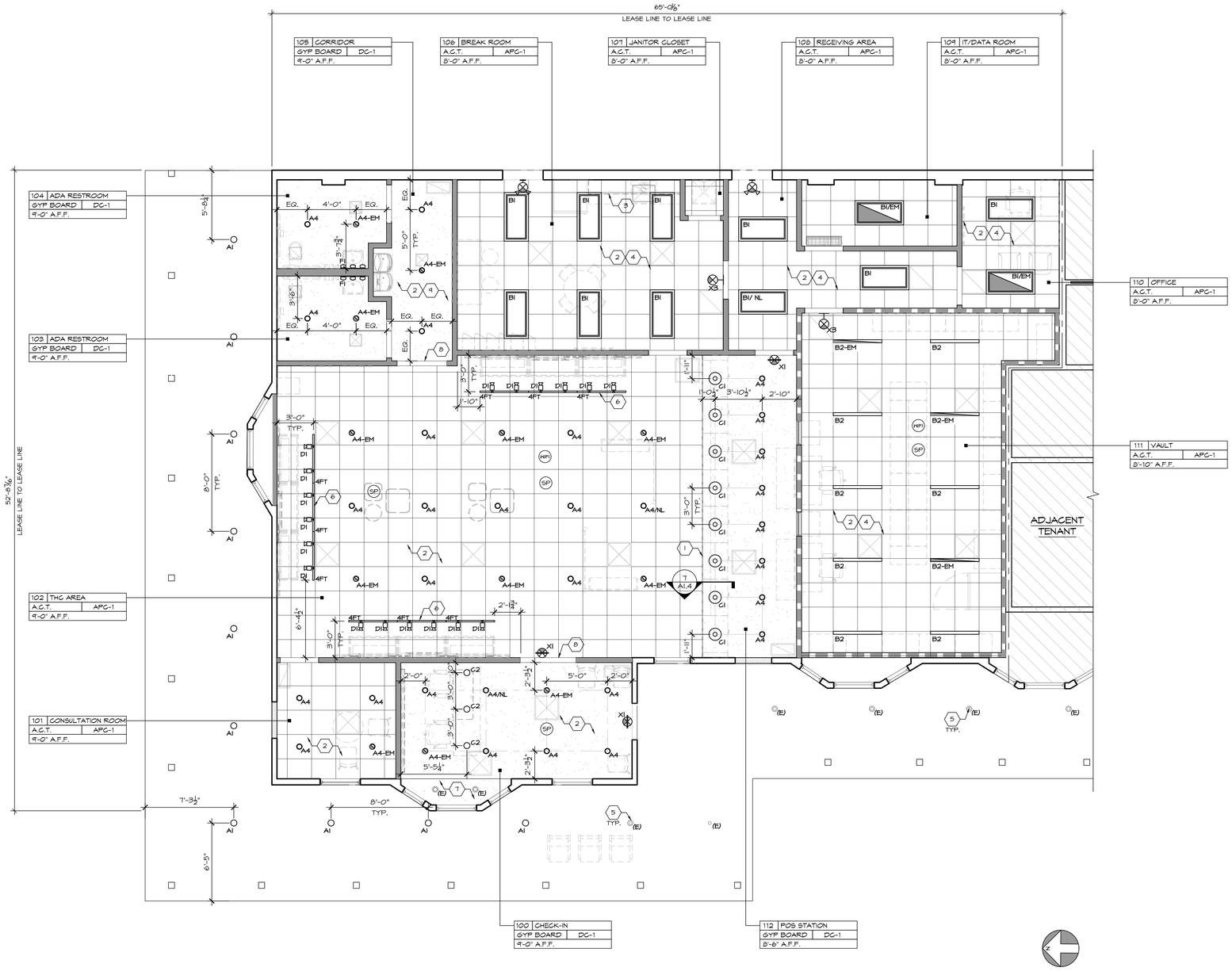
DATE: AS SHOWN

PROJECT NO.: 220392

LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055

PROJECT: CRESCO LABS

PLOT SCALE: AS NOTED



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

GENERAL NOTES

1. THE MECHANICAL AND ELECTRICAL DRAWINGS GOVERN THOSE SYSTEMS. THE LOCATION OF ALL MECHANICAL, ELECTRICAL ELEMENTS THAT ARE VISIBLE ARE INDICATED ON THE ARCHITECTURAL & MECHANICAL PLANS AND DETAILS. NOTIFY THE ARCHITECT OF ANY CONFLICTS PRIOR TO COMMENCING CONSTRUCTION.
2. THE CEILING PLAN LAYOUT HAS PRIORITY OVER THE NON-VISIBLE LAYOUT. ADJUST ABOVE CEILING LAYOUT AS REQUIRED. NOTIFY THE ARCHITECT OF ANY CONFLICTS PRIOR TO THE COMMENCING OF CONSTRUCTION.
3. PROVIDE ADEQUATE CLEARANCE FOR ALL MECHANICAL, ELECTRICAL ELEMENTS AND ANY RELATED ITEMS NECESSARY TO MAINTAIN THE FINISHED CEILING HEIGHTS SHOWN ON THE REFLECTED CEILING PLAN.
4. ALL CEILING HEIGHTS ARE MEASURED FROM TOP OF FINISH FLOOR TO THE UNDERSIDE OF FINISH CEILING.
5. SEE ELECTRICAL DRAWINGS FOR FIXTURE SCHEDULE AND FOR ADDITIONAL FIXTURES NOT SHOWN ON THIS PLAN. GC TO CONFIRM QUANTITIES WITH TENANT BEFORE ORDERING.
6. REFER TO ELECTRICAL DRAWINGS FOR LOCATION AND QUANTITY OF EMERGENCY LIGHT FIXTURES.
7. WHERE DICTATED BY CODE, SEISMIC RESTRAINTS SHALL BE PROVIDED FOR CEILING ELEMENTS, INCLUDING BUT NOT LIMITED TO, LIGHT FIXTURES, ACOUSTIC TILE CEILING GRID, GYPSUM CEILING SYSTEMS, HVAC EQUIPMENT, ETC.
8. FOR FINISH SPECIFICATIONS SEE DRAWING A-3.1.
9. COORDINATE ALL PENETRATIONS FOR DUCTWORK WITH MECHANICAL DRAWINGS.
10. GENERAL CONTRACTOR TO CONFIRM AND COORDINATE IN THE FIELD CEILING HEIGHTS NOTED WITH ANY NEW OR EXISTING CONDITIONS.
11. THE GC SHALL PROVIDE ACCESS PANELS IN THE CEILING AS REQUIRED FOR MECHANICAL / ELECTRICAL EQUIPMENT. COORDINATE WITH MECHANICAL, PLUMBING AND ELECTRICAL DRAWING FOR VALVE, VOLUME DAMPER, JUNCTION BOXES, ETC. ACCESS PANELS SHALL BE FLUSH, TAPED IN FOR DRYWALL TYPE DW-5040 BY ACUDOR PRODUCTS INC. (OR EQUIVALENT) ACCESS PANEL LOCATIONS TO BE REVIEWED BY TENANT AND LANDLORD PRIOR TO INSTALLATION.

CEILING LEGEND

SYMBOL	DESCRIPTION
	SUSPENDED CEILING SYSTEM, 2'X2' ARMSTRONG CALLA #2820 WHITE TILE WITH SQUARE EDGE, 5/16" GRID (ACT-1)
	EXISTING ACT CEILING THROUGHOUT TO REMAIN. G.C. TO REPLACE ANY MISSING OR DAMAGED TILES WITH NEW

SYMBOL	DESCRIPTION
	DIFFUSER. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION
	RETURN. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION
	NEW SPRINKLER HEAD
	EXISTING SPRINKLER HEAD TO REMAIN

REFER TO A4.3 FOR SECURITY DEVICE LAYOUT.

LIGHTING SCHEDULE

TAG	SYMBOL	DESCRIPTION	MFR / MODEL / FINISH	LAMP
A1		RECESSED DOWNLIGHT - DIMMABLE	LITHONIA, 6" LED (LDN6), (C) CLEAR REFLECTOR, (SFW) SELF-WHITE TRIM	13.5W
A4		4" RECESSED LED DOWNLIGHT	ELITE, #HH4-LED-3000L-DIMIO-MVOLT-WD-35K-90 #HH4-4501-W-WH, WHITE	32 WATTS 120 VOLTS
A4-EM		4" RECESSED LED DOWNLIGHT	ELITE, #HH4-LED-3000L-DIMIO-MVOLT-WD-35K-90-EMG-LED-10W, #HH4-4501-W-WH, WHITE	32 WATTS 120 VOLTS
B1		2X4 LAY-IN LED FIXTURE	CREE, C-LITE LED FLAT PANEL, #C-TR-C-FP24-62L-35K-WH, WHITE	53 WATTS 120 VOLTS
B1-EM		2X4 LAY-IN LED FIXTURE	CREE, C-LITE LED FLAT PANEL, #C-TR-C-FP24-62L-35K-WH-EB, WHITE	53 WATTS 120 VOLTS
B2		4FT LINEAR LED STRIP, DIMMABLE	MERCURY, #LSA-4-4000-35K-HTA-U55-UNI, WHITE	33 WATTS 120 VOLTS
B2-EM		4FT LINEAR LED STRIP, DIMMABLE	MERCURY, #LSA-4-4000-35K-HTA-U55-UNI- B5L3102WM, WHITE	33 WATTS 120 VOLTS
C1		NEW PENDANT LIGHT FIXTURE [AT TELLER STATION]	SEAGULL LIGHTING, #6022EN3- 15, LAMP, TCP, #21346 TCP FAIMD4027EW, WHITE	4 WATT, A19 MEDIUM BASE LED LAMP 2700K FROSTED GLASS
C2		NEW PENDANT LIGHT FIXTURE [AT SECURITY CHECK-IN]	SCHOOLHOUSE ELECTRIC, RAY 6" PENDANT, G16 FROSTED LED BULB, WHITE W/ WHITE CORD	5 WATTS 120 VOLTS
D1		SINGLE CIRCUIT LINE VOLTAGE TRACK AND DIE CAST CYLINDER TRACKHEAD	TRACK HEAD: LF ILLUMINATION, LFTX SERIES, #TX401-B-J-13C-92-30-D1-1-WW, WHITE TRACK: CONTECH, #LT-PER PLAN-P	PER TRACK HEAD, 13 WATTS 120 VOLTS
F1		NEW SCONCE [AT ADA RESTROOMS]	RBW PASTILLE 3 VANITY SCONCES PAS-3V-RRR-PC20-2T-120-TR-LINE-1 P20	22 WATTS 595LM/W 90 CRI
X1	WALL MOUNT	LED EXIT SIGN - SINGLE FACE [FRONT OF HOUSE]	CONTECH LIGHTING, #REXA-SF-R-EM-P, WHITE WITH RED LETTERS	-
X2	CEILING MOUNT	LED EXIT SIGN - DOUBLE FACE [FRONT OF HOUSE]	CONTECH LIGHTING #REXA-DF-R-EM-W-P, WHITE WITH RED LETTERS FACEPLATE TO BE CLEAR ACRYLIC WITH WHITE BACKGROUND	-
X3		LED EXIT SIGN [BACK OF HOUSE]	ELITE LIGHTING, MAXILUME ARCHITECTURAL, #ELX-603-R-W, WHITE WITH RED LETTERS	-
--		LED EXIT SIGN - EXIT & EMERGENCY THERMOPLASTIC COMBO END/ CEILING MOUNT	CLI, CLI-NAHARCC UNIVERSAL SINGLE, (W) WHITE HOUSING, RED LETTERS	
--	OS	CEILING MOUNTED OCCUPANCY SENSOR	WATTSTOPPER, #P-100 WITH INTERNAL MANUAL OVERRIDE SWITCH, WHITE	--
--	VS	VACANCY SENSOR	CEILING MOUNTED WATTSTOPPER LMDC-100	
--	WIFI	CISCO MR33 WIFI ACCESS POINT	SPEC TO BE PROVIDED BY CLIENT'S VENDOR	
--	SP	SPEAKER	SPEC TO BE PROVIDED BY CLIENT'S VENDOR	
--		LIGHT SWITCH	WATTSTOPPER LMDM-101 DIGITAL DIMMER SWITCH	

NOTE:
1. ALL LIGHT FIXTURES TO BE UL LISTED
2. TRACK LIMITED ARE TO BE SUPPLIED BY G.C. AS REQUIRED BY CODE
3. EXISTING LIGHT FIXTURES TO REMAIN ARE DESIGNATED WITH "E"
4. DESIGNATED NIGHT LIGHT SHOWN ON PLANS WITH "NL."
5. EXIT SIGNS TO INCLUDE BATTERY BACKUP

KEY NOTES

1	NEW SOFFIT TO BE 8'-6" A.F.F.
2	MECHANICAL UNITS AND DUCTWORK TO BE COORDINATED WITH MECHANICAL DRAWINGS. CEILING HEIGHTS NOTED ON CONSTRUCTION DRAWINGS TO BE MAINTAINED. G.C. TO ADVISE ARCHITECT IF CONFLICT WITH CEILING HEIGHTS OCCURS PRIOR TO INSTALLATION OF MECHANICAL UNITS.
3	DASHED LINE INDICATES OUTLINE OF UPPER CABINETS
4	LIGHT FIXTURES TO BE INSTALLED IN A.C.T GRID AS SHOWN
5	EXISTING EXTERIOR LIGHTING TO REMAIN. G.C. TO ENSURE IN GOOD WORKING ORDER AND RE-BULB AS REQUIRED.
6	TRACK SYSTEM IN SALES AREA TO BE SURFACE MOUNTED. INSTALLATION HEIGHT TO BE REVIEWED WITH CLIENT IN FIELD PRIOR TO PROCEEDING WITH INSTALLATION.
7	EXISTING GYP. BOARD CEILING TO REMAIN. G.C. TO PATCH AND REPAIR EXISTING GYP. BOARD CEILING AS REQUIRED FOR LINE-NEW FINISH.
8	WHITE OAK WOOD TRIM HEADER AND VERTICAL TRIM. B.O. HEADER @ 7'-0" A.F.F.
9	GYP. BOARD CEILING, LIGHTING TRIM, AND HVAC TRIM TO BE PAINTED ORANGE (PT-2).

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09.14.22	OWNER REVIEW SET
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DATE: NO.: REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: EK
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME: REFLECTED CEILING PLAN & LIGHTING SCHEDULE

DRAWING NO.: A2.1

FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico
Digitally signed by Nicholas J. Tricarico
Date: 2022.10.04 13:38:35 -04'00'
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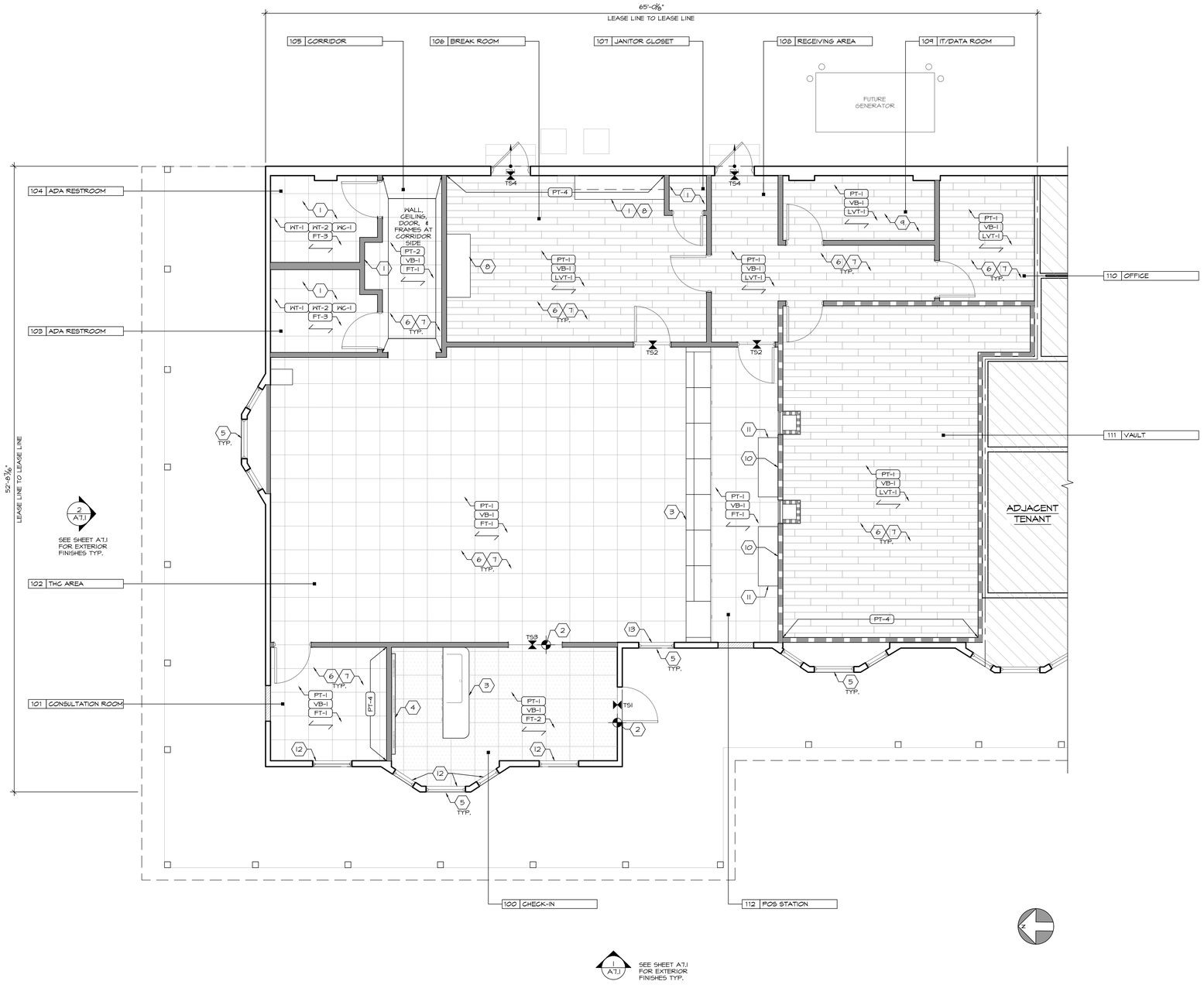
STATE OF FLORIDA NICHOLAS J. TRICARICO AR0007605 REGISTERED ARCHITECT
SEAL

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.



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

LEGEND

SYMBOL	DESCRIPTION
TS-#, TS	INDICATES THRESHOLD OR TRANSITION TYPE
	INDICATES FLOORING MATERIAL CHANGE
XXX-1	WALL FINISH
XXX-1	BASE FINISH
XXX-1	FLOOR FINISH

FLAMESPREAD INFO.

PAINT (PT-1, PT-2, PT-3)
ASTM E 84-7#a, FLAMESPREAD RATING (10), 25 OR LESS, (CLASS I)
ASTM E 84-7#a, SMOKE DEVELOPED (5), 50 OR LESS.

LAMINATE (PL-1, PL-2)
GENERAL PURPOSE TYPE 107, FLAME SPREAD 40, SMOKE DEVELOPMENT 100
VERTICAL SURFACE TYPE 335, FLAME SPREAD 40, SMOKE DEVELOPMENT 155

TILE (FT-1, FT-2)
FLAME SPREAD 0,
SMOKE DEVELOPMENT 0

FINISH LEGEND

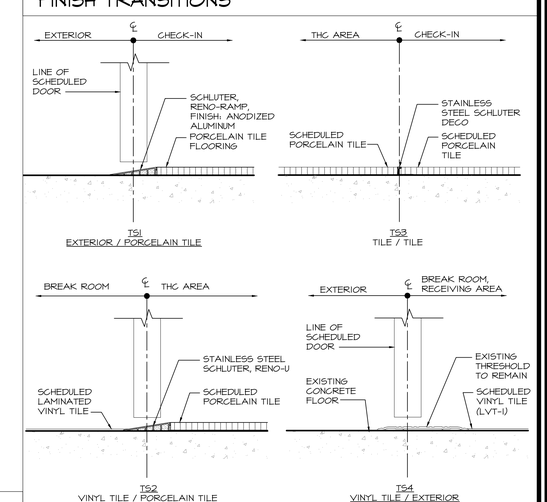
SYMBOL		MATERIAL	MFR, DESCRIPTION, COLOR/ FINISH	COMMENTS
CEILING	ACT-1	ACOUSTIC PANEL CEILING	ARMSTRONG, 2'X2' CALLA, #2820 WHITE TILE WITH SQUARE EDGE, WHITE	REFER TO SHEET A2.1 FOR LOCATIONS, SPEC TO INCLUDE 5/16" GRID
	DG-1	DRYWALL CEILING	5/8" GYPSUM BOARD CEILING, PAINTED PT-1 U.N.O.	REFER TO SHEET A2.1 FOR LOCATIONS
WALLS / WALL BASE / FLOOR	PT-1	FIELD PAINT [WHITE]	SHERWIN WILLIAMS, #SW-7004, SNOWBOUND FINISH: SEMI-GLOSS	TYPICAL WALLS AND CEILINGS THROUGHOUT U.N.O.
	PT-2	ACCENT PAINT [ORANGE]	SHERWIN WILLIAMS, #SW6890 OSAGE ORANGE FINISH: SEMI-GLOSS	LOCATION TO BE CONFIRMED BY CLIENT
	PT-3	ACCENT PAINT [GREY]	SHERWIN WILLIAMS, #SW6257 GIBRALTAR FINISH: SEMI-GLOSS	LOCATION TO BE CONFIRMED BY CLIENT
	PT-4	ACCENT PAINT [LIGHT BLUE]	SHERWIN WILLIAMS, #SW9063 PORCH CEILING FINISH: SEMI-GLOSS	SEE FINISH PLAN FOR LOCATIONS
	WC-1	WALL COVERING	MDC, KASUMI GLAM COTTON, BBKG-[illegible]	AT RESTROOMS, ORDER CONTACT: JENNIFER KAIPO TEL: 800-621-4006 EMAIL: jkaipo@mdcwall.com
	WT-1	CERAMIC WALL TILE	KPGD, PORTAL - PINK, SIZE: 24"X24"	TILE TO BE INSTALLED MONOLITHIC, 1/8" GROUT: MAPEI, COLOR:#77 IFROST CONTACT:EMILY SMITH AT KPGD, TEL:212-477-4330 EMAIL: emily.smith@kpgd.com
	WT-2	CERAMIC WALL TILE	KPGD, FACADE - SUPER BIANCO, SIZE: 3" X 12"	TILE TO BE INSTALLED SOLDIER 1/2 STAGGERED OFFSET TO TOP OF DOOR FRAME, 1/8" GROUT: MAPEI, COLOR:#77 FROST CONTACT:EMILY SMITH AT KPGD, TEL:212-477-4330 EMAIL: emily.smith@kpgd.com
	VB-1	VINYL BASE	TARKETT, 6"H BASE, TG5: COLOR 55 SILVER GREY	ALL AREAS U.N.O. STRAIGHT AT HARD FLOORING THROUGHOUT
FLOOR	FT-1	PORCELAIN TILE	ASI, #FLFOM001, SIZE: 24"X24"	TILE TO BE INSTALLED MONOLITHIC, 1/8" GROUT: MAPEI, COLOR:#107 IRON. CONTACT:DAMIAN HOLDER TEL: 646-460-8231 EMAIL: dholder@archsystems.com
	FT-2	PORCELAIN TILE	KPGD, FOSSIL GREY, COLOR: NATURAL, SIZE: 24"X24"	AT CHECK-IN, TILE TO BE INSTALLED MONOLITHIC, 1/8" MAPEI, COLOR:#107 IRON. CONTACT:EMILY SMITH AT KPGD. TEL:212-477-4330 EMAIL: emily.smith@kpgd.com
	FT-3	PORCELAIN TILE	KPGD, PORTAL - PINK, SIZE: 24"X24"	TILE TO BE INSTALLED MONOLITHIC, 1/8" GROUT: MAPEI, COLOR:#77 IFROST CONTACT:EMILY SMITH AT KPGD, TEL:212-477-4330 EMAIL: emily.smith@kpgd.com
	LVT-1	LUXURY VINYL TILE	ASI, CERUSSA, COLOR: #FLBMD027, SIZE: 7"X48"	AT FOS, BOH / SECURITY, TILE TO BE INSTALLED WITH ASI ADHESIVE #FLBMD074
MILLWORK	PL-1	PLASTIC LAMINATE	WILSONART, CASTLE OAK #7928	AT CABINETS
	PL-2	PLASTIC LAMINATE	WILSONART, FROSTY WHITE #1573	AT COUNTERTOPS

ALL FLOORING SPECIFICATIONS TO BE FURNISHED BY OWNER AND INSTALLED BY G.C.

KEY NOTES

1. PROVIDE WATERPROOF MEMBRANE AT RESTROOMS, DRINKING FOUNTAIN BREAK ROOM MILLWORK, AND JANITOR'S CLOSET. EXTEND WATERPROOFING A MIN. 18" UP WALLS.
2. START FULL FLOOR TILE AT SPECIFIED LOCATION
3. CUSTOM MILLWORK DESK WITH ACCESSIBLE FEATURES TO BE PROVIDED BY OTHERS AND INSTALLED BY G.C. FLOOR FINISH TO CONTINUE UNDER MILLWORK
4. ILLUMINATED LOGO FEATURE WALL TO BE PROVIDED BY CLIENT'S MILLWORK VENDOR AND INSTALLED BY G.C. G.C. TO PROVIDE POWER AND BLOCKING AS REQUIRED. G.C. TO COORDINATE LOCATIONS WITH CLIENT'S MILLWORK VENDOR AND FINAL MILLWORK SHOP DRAWINGS
5. CLIENT'S VENDOR TO FURNISH AND INSTALL OPAQUE WINDOW FILM ON STOREFRONT GLAZING. THE FILM WILL BE APPLIED EXTERNALLY TO THE WINDOWS. SPEC TBD BY CLIENT. REFER TO SHEET A7.1 FOR LOCATIONS
6. G.C. TO PROVIDE FIRE-RATED BACKING SUPPORT BEHIND ALL WALL-MOUNTED EQUIPMENT AND MILLWORK FIXTURES. SEE FIXTURE PLAN A4.1 FOR LOCATIONS
7. EXISTING SUB-FLOORING PREPPED TO RECEIVE SCHEDULED FINISH PER MANUFACTURER'S RECOMMENDATIONS. G.C. TO PATCH SUB-FLOOR AS REQUIRED. G.C. TO NOTIFY ARCHITECT OF ANY DEFICIENCIES IN SUB-FLOOR PRIOR TO INSTALLATION OF NEW FINISH.
8. G.C. TO PROVIDE BREAK ROOM MILLWORK AND COUNTERTOP. SEE A6.1 FOR MILLWORK ELEVATIONS AND DETAILS
9. G.C. TO PROVIDE 3/4" THICK F.R. PLYWOOD BACKBOARD ON ALL WALLS FOR I.T. EQUIPMENT UP TO 8'-0" AFF. PLYWOOD TO BE PAINTED PT-1. G.C. TO ENSURE INSPECTION IS COMPLETED PRIOR TO PAINTING PLYWOOD
10. G.C. TO PROVIDE IN-WALL F.R. BLOCKING BEHIND TV LOCATIONS PRIOR TO PROCEEDING WITH INSTALLATION. SEE FIXTURE PLAN A4.1 FOR LOCATIONS
11. POS STATION CREDENZA TO BE PROVIDED BY OTHERS AND INSTALLED BY G.C. FLOOR FINISH TO CONTINUE UNDER MILLWORK
12. INTERIOR SIDE OF WINDOW FRAME TO BE PAINTED BLUE (PT-4)
13. INTERIOR SIDE OF WINDOW FRAME TO BE PAINTED ORANGE (PT-2)

FINISH TRANSITIONS



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DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: EK
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME: FINISH PLAN & FINISH LEGEND

DRAWING NO.: A3.1

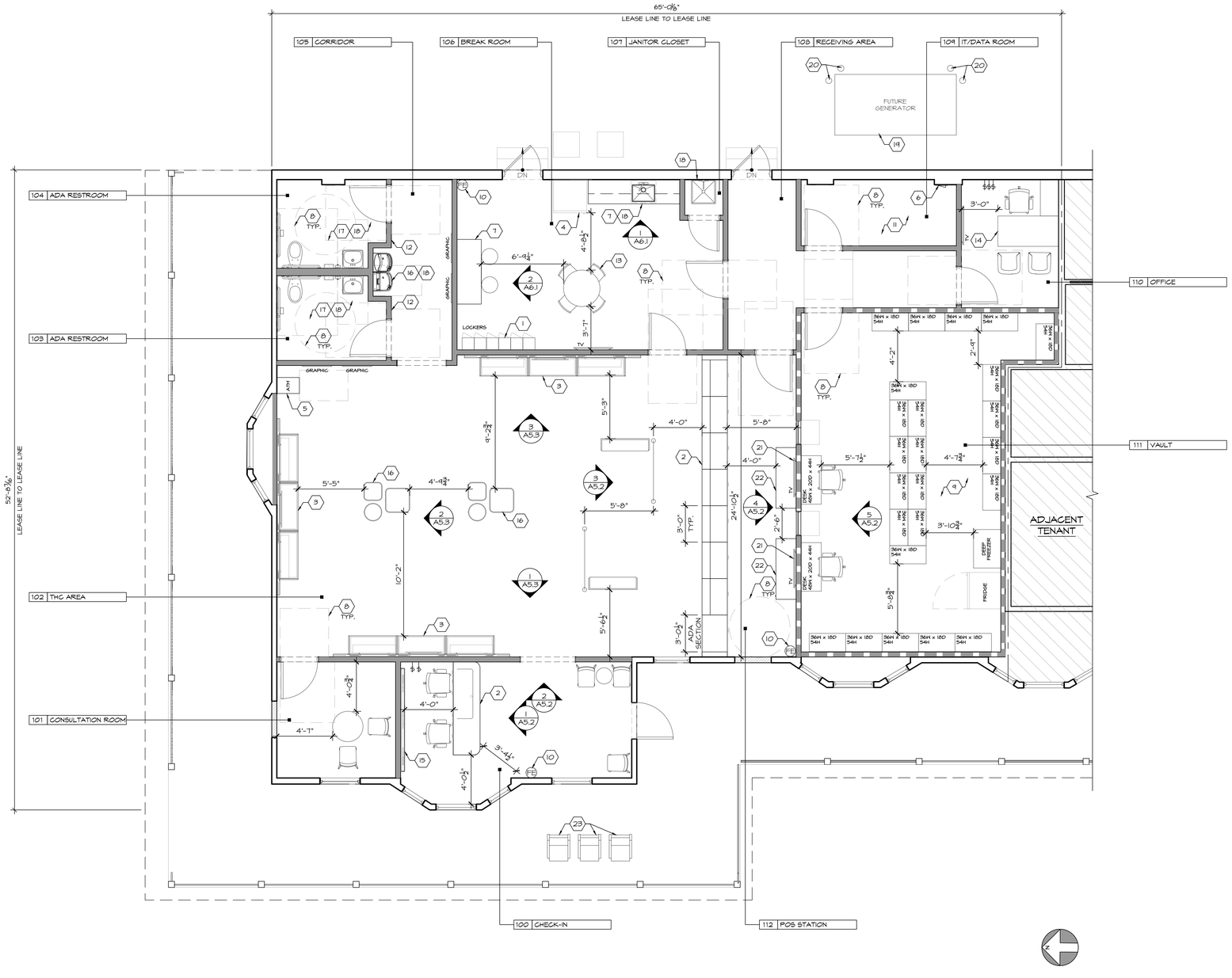
FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico — Digitally signed by Nicholas J. Tricarico Date: 2022.10.04 13:39:06 -04'00'

SEAL — STATE OF FLORIDA, NICHOLAS J. TRICARICO, AR0007605, REGISTERED ARCHITECT — SEAL

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: GRESCO LABS
PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.



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

GENERAL NOTES

1. G.C. TO FIELD VERIFY ALL CONDITIONS. IF FIELD CONDITIONS VARY FROM CONDITIONS SHOWN ON THIS DRAWING, G.C. TO NOTIFY ARCHITECT IMMEDIATELY.
2. PROVIDE FIRE EXTINGUISHER(S) PER LOCAL CODE REQUIREMENTS. ALL FIRE EXTINGUISHERS SHALL BE STATE CERTIFIED AND BE PROPERLY MOUNTED SO ALL OPERABLE PARTS ARE A MAX. OF 48" A.F.F. ALL FIRE EXTINGUISHERS SHALL NOT EXCEED 75 FT. OF TRAVEL DISTANCE APART. FIRE EXTINGUISHERS SHALL BE MOUNTED WHERE READILY ACCESSIBLE AND IMMEDIATELY AVAILABLE IN THE CASE OF A FIRE. FIRE EXTINGUISHERS SHALL BE LOCATED ALONG NORMAL PATHS OF TRAVEL, INCLUDING EXITS. FIRE EXTINGUISHERS SHALL NOT BE BLOCKED OR OBSTRUCTED FROM VIEW.
3. AISLES BETWEEN SHELVING SHALL NOT FALL SHORT OF 3 FT. IN WIDTH.
4. THE GENERAL PERIMETER SURROUNDING ALL SHELVING SHALL NOT FALL SHORT OF 3 FT. IN WIDTH.
5. EQUIPMENT SHALL NOT FIND ITSELF ON A SURFACE WITH A SLOPE, NOR ONE WITH A RISE AND RUN. EQUIPMENT SHALL NOT BE PLACED ANYWHERE WITHIN 5 FT. OF SUCH A SURFACE IN COMPLIANCE WITH ADA STANDARDS.

KEY NOTES

1	NEW EMPLOYEE LOCKERS TO BE SUPPLIED BY OWNER AND INSTALLED BY G.C.
2	CUSTOM MILLWORK WITH ACCESSIBLE FEATURES TO BE PROVIDED BY OTHERS AND INSTALLED BY G.C.
3	MODULAR MILLWORK DISPLAY TO BE PROVIDED BY OTHERS AND INSTALLED BY G.C. MILLWORKER TO COORDINATE WITH ELECTRICAL LOCATIONS AS REQUIRED
4	REFRIGERATOR TO BE PROVIDED AND INSTALLED BY TENANT. G.C. TO PROVIDE RECESSED WATER LINE FOR ICE MAKER
5	ATM MACHINE TO BE PROVIDED AND INSTALLED BY TENANT VENDOR. AT LEAST (1) ATM TO BE ADA COMPLIANT. SEE T1.4 FOR ACCESSIBILITY REQUIREMENTS.
6	EXISTING ELECTRICAL PANELS AND EQUIPMENT TO REMAIN.
7	G.C. TO FURNISH AND INSTALL BREAK AREA MILLWORK. SEE SHEET A6.1 FOR ELEVATIONS AND DETAILS
8	DASHED LINE INDICATES ADA FLOOR CLEARANCE, TYP.
9	ALL FIXTURES IN VAULT TO BE FURNISHED BY OWNER AND INSTALLED BY G.C.
10	G.C. TO PROVIDE TYPE 2-A MODEL 2A10BC SURFACE MOUNTED FIRE EXTINGUISHER. COORDINATE MOUNTING LOCATIONS WITH FIRE MARSHALL PRIOR TO PROCEEDING WITH WORK. MAXIMUM TRAVEL DISTANCE TO FIRE EXTINGUISHER SHALL NOT EXCEED 75 FT.
11	DATA RACKS TO BE FURNISHED AND INSTALLED BY OWNER VENDOR. G.C. TO COORDINATE INSTALLATION.
12	CLIENT'S VENDOR TO PROVIDE NEW ADA RESTROOM SIGNAGE FOR G.C. TO INSTALL. SEE SIGNAGE DETAIL ON T-1.4 FOR SIGNAGE REQUIREMENTS
13	LOOSE TABLES AND CHAIRS IN BREAK ROOM TO BE PROVIDED AND INSTALLED BY OWNER
14	FURNITURE IN OFFICE TO BE PROVIDED AND INSTALLED BY OWNER
15	ILLUMINATED LOGO FEATURE WALL TO BE PROVIDED BY CLIENT'S MILLWORK VENDOR AND INSTALLED BY G.C. G.C. TO PROVIDE POWER AND BLOCKING AS REQUIRED. G.C. TO COORDINATE LOCATIONS WITH CLIENT'S MILLWORK VENDOR AND FINAL MILLWORK SHOP DRAWINGS
16	NEW DUAL STATION ELECTRIC BOTTLE FILLING DRINKING FOUNTAIN. SEE PLUMBING FIXTURE SCHEDULE ON SHEET A5.1 FOR SPECIFICATIONS.
17	NEW PLUMBING FIXTURES AND ACCESSORIES. SEE PLUMBING FIXTURE SCHEDULE ON SHEET A5.1 FOR SPECIFICATIONS.
18	PROVIDE WATERPROOF MEMBRANE AT RESTROOMS, BREAK AREA, MOP SINK, AND DRINKING FOUNTAIN. EXTEND WATERPROOFING A MIN. OF 18" UP WALLS. SEE PARTITION TYPES ON SHEET A1.2 FOR WATERPROOF MEMBRANE SPECIFICATION.
19	NEW CONCRETE PAD FOR FUTURE DIESEL GENERATOR. SEE DETAIL 4/A7.1 AND ELECTRICAL DRAWINGS FOR MORE INFORMATION. INSTALL GENERATOR ON CONCRETE PAD PER MANUFACTURER'S SPECIFICATIONS.
20	G.C. TO PROVIDE BOLLARDS AROUND FUTURE GENERATOR. FINAL LOCATIONS OF BOLLARDS TO BE COORDINATED ON SITE WITH CLIENT AND LANDLORD.
21	NEW 50" FLAT SCREEN TV PROVIDED AND INSTALLED BY TENANT. G.C. TO PROVIDE IN-WALL F.R. BLOCKING BEHIND TV PRIOR TO PROCEEDING WITH INSTALLATION.
22	POS STATION CREDEZA TO BE PROVIDED BY OTHERS AND INSTALLED BY G.C.
23	(3) PORCH ROCKING CHAIRS TO BE PAINTED ORANGE.

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DATE:	ISSUE:
09.14.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: EK
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME: FIXTURE PLAN

DRAWING NO.: A4.1

FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico — Digitally signed by Nicholas J. Tricarico Date: 2022.10.04 13:39:44 -04'00'
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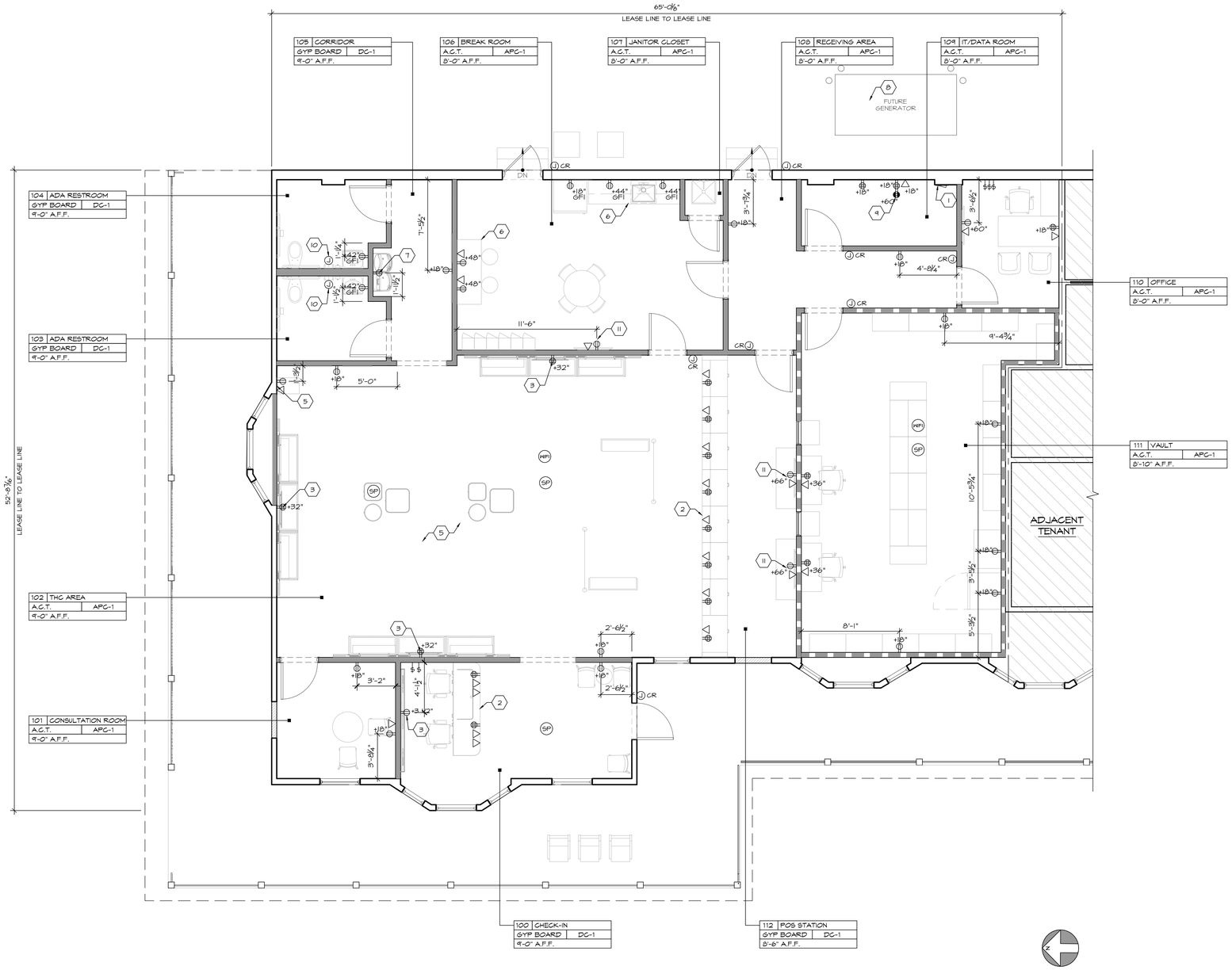
SEAL

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED



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

GENERAL NOTES

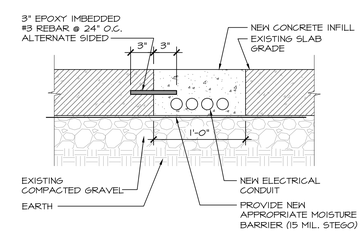
1. LOCATION OF POWER AT MILLWORK TO BE COORDINATED WITH APPROVED MILLWORK SHOP DRAWINGS.
2. OUTLETS AT CEILING FOR LIGHT FIXTURE, LIGHT COVES AND SPECIAL SYSTEM DEVICES TO BE COORDINATED WITH RCP.
3. OUTLETS FOR EXTERIOR FACADE SIGNAGE TO BE VERIFIED WITH SIGNAGE VENDOR AND CLIENT.
4. LCD VIDEO REQUIREMENTS (VIDEO STANDARD, DVD PLAYERS, IMAGE SPLITTING SYSTEM, ETC.) TO BE VERIFIED WITH CLIENT AND MANUFACTURER.
5. TYPE AND COLOR OF SOCKETS AND SWITCHES LOCATED IN SALES AREA TO BE SUBMITTED TO ARCHITECT FOR APPROVAL.

POWER LEGEND

SYMBOL	DESCRIPTION
	DUPLEX
GFI	GFI DUPLEX
	QUADRUPLEX
	DEDICATED DUPLEX
CLG	CEILING-MOUNTED RECEPTACLE
J	JUNCTION BOX
▽	DATA OUTLET
▼	TELEPHONE OUTLET
	TELEPHONE/DATA OUTLET
TC	EMPLOYEE TIME CLOCK
T	THERMOSTAT
CR J	CARD READER POWER SUPPLY
V	VOLUME CONTROLS

KEY NOTES

1	EXISTING ELECTRICAL PANELS AND EQUIPMENT TO REMAIN. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION
2	MILLWORK POWER/DATA TO BE FED DOWN WALL AND INTO MILLWORK
3	COORDINATE RECEPTACLES HEIGHTS/LOCATION AT MERCHANDISE WALLS WITH MILLWORK DRAWINGS, TYP. G.C. TO CONFIRM POWER HEIGHT AND LOCATION WITH MILLWORKER PRIOR TO PROCEEDING WITH WORK.
4	G.C. TO PROVIDE POWER FOR ALL EQUIPMENT. G.C TO CONFIRM POWER REQUIREMENTS AND HEIGHTS/LOCATIONS WITH CLIENT PRIOR TO PROCEEDING WITH WORK.
5	ATM MACHINE TO BE PROVIDED AND INSTALLED BY TENANT VENDOR. G.C. TO PROVIDE POWER. COORDINATE POWER REQUIREMENTS AND LOCATION WITH SPECIFIED ATM.
6	REFER TO BREAK ROOM MILLWORK ELEVATION ON SHEET A6.1 FOR POWER LOCATIONS.
7	G.C. TO PROVIDE POWER FOR NEW DRINKING FOUNTAIN AS REQUIRED PER MANUFACTURER SPECIFICATIONS. SEE PLUMBING FIXTURE SCHEDULE ON SHEET A5.1 FOR SPECIFICATIONS.
8	NEW CONCRETE PAD FOR FUTURE DIESEL GENERATOR. SEE DETAIL 4/A7.1 AND ELECTRICAL DRAWINGS FOR MORE INFORMATION. INSTALL GENERATOR ON CONCRETE PAD PER MANUFACTURER'S SPECIFICATIONS.
9	OUTLET TO BE 30AMP TWIST LOCK. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION
10	G.C. TO PROVIDE POWER FOR NEW HAND DRYER AS REQUIRED PER MANUFACTURER SPECIFICATIONS. SEE PLUMBING FIXTURE SCHEDULE ON SHEET A5.1 FOR SPECIFICATIONS.
11	NEW FLAT SCREEN TV TO BE FURNISHED AND INSTALLED BY TENANT. G.C. TO CONFIRM INSTALLATION HEIGHT OF TV WITH CLIENT AND PROVIDE POWER AS REQUIRED.



NOTE:
LOCATION OF FLOOR TRENCHING FOR CHECK-IN FLOOR FIXTURE CONDUIT. TRENCH LOCATION TO BE FIELD VERIFIED WITH MILLWORKER'S SHOP DRAWINGS. G.C. TO COORDINATE AND VERIFY LOCATION PRIOR TO APPLICABLE TRENCHING WORK.

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

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DATE:	ISSUE:
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10.03.22	BID/PERMIT SET

DATE: NO.: REVISIONS / BY:

PROJECT:
Sunnyside

LOCATION:
2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: EK
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO
ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME:
POWER PLAN & LEGEND

DRAWING NO.:
A4.2

FIRM REGISTRATION NO.: AX010102

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NICHOLAS J. TRICARICO
AR0007605
REGISTERED ARCHITECT
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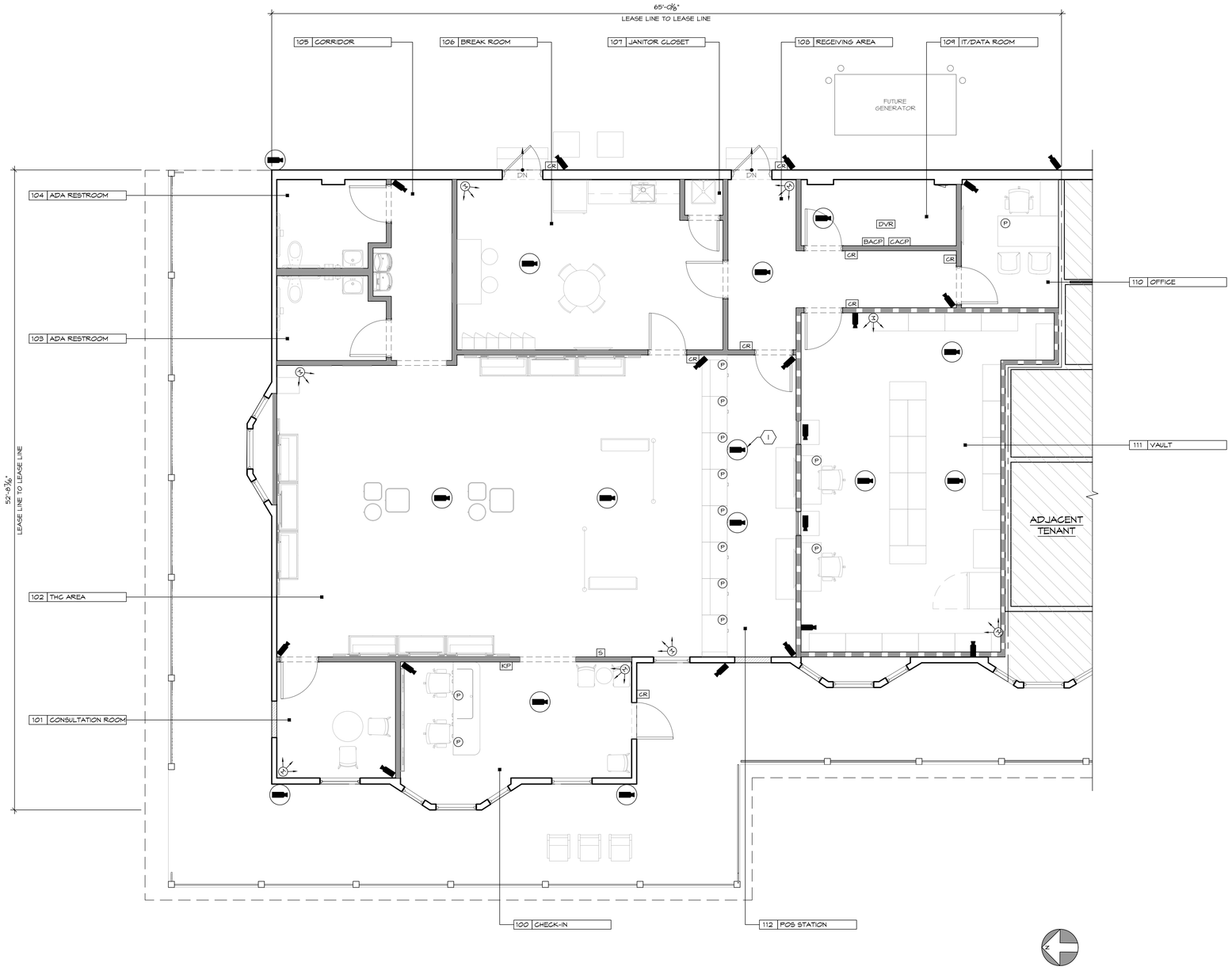
DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

NOTE:
SECURITY PLAN IS FOR REFERENCE ONLY. GC TO COORDINATE WITH OWNER AND OWNER'S SECURITY VENDOR PRIOR TO CONSTRUCTION.



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

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
DVR	NVR SERVER	DC	DOOR CONTACT
	FIXED LENS CAMERA TO BE WALL MOUNTED 9'-0" A.F.F. U.N.O.	M	MOTION DETECTOR TO BE MOUNTED AT 8'-0" A.F.F.
	360 DEGREE CAMERA TO BE PENDANT MOUNTED 9'-0" A.F.F. U.N.O.	G	PANIC BUTTON
	180 DEGREE CAMERA	P	HOLD UP BUTTON
		GW	GLASS BREAK DETECTOR TO BE MOUNTED TO CEILING U.N.O.
CACP	ACCESS CONTROL PANEL	KP	KEYPAD TO BE MOUNTED 60" ON CENTER A.F.F.
CR	CARD READER TO BE MOUNTED 42" ON CENTER A.F.F.	S	SIREN
R	DOOR RELEASE BUTTON	I	INTERCOM SYSTEM
BACP	SECURITY PANEL	IM	INTERCOM MONITOR

KEY NOTES

1. CAMERA TO BE PENDANT MOUNTED ABOUT 6'-0" A.F.F. DIRECTLY ABOVE THE POS TERMINAL. LOCATION TO BE ADJUSTED ACCORDINGLY TO THE SCHEDULED PENDANT LIGHT FIXTURES. SECURITY VENDOR TO COORDINATE IN FIELD WITH G.C. PRIOR TO INSTALLATION OF SECURITY CAMERA

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DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: EK
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME: SECURITY PLAN & LEGEND

DRAWING NO.: A4.3

FIRM REGISTRATION NO.: AX010102

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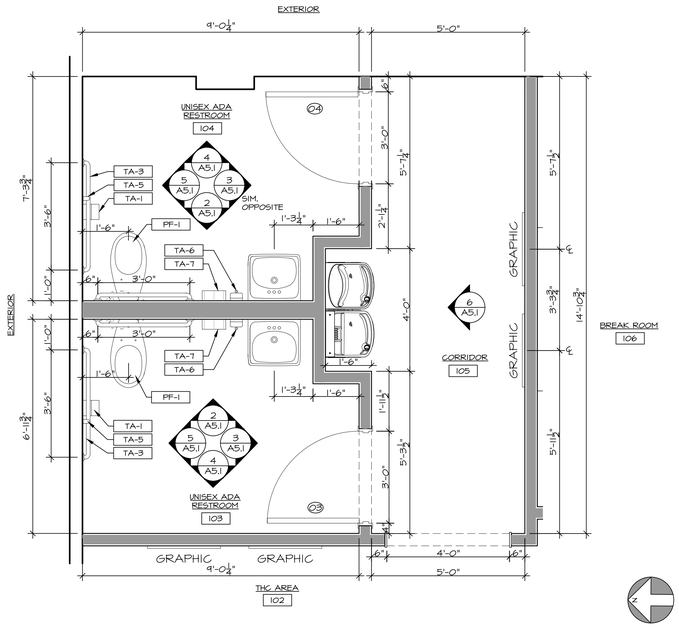
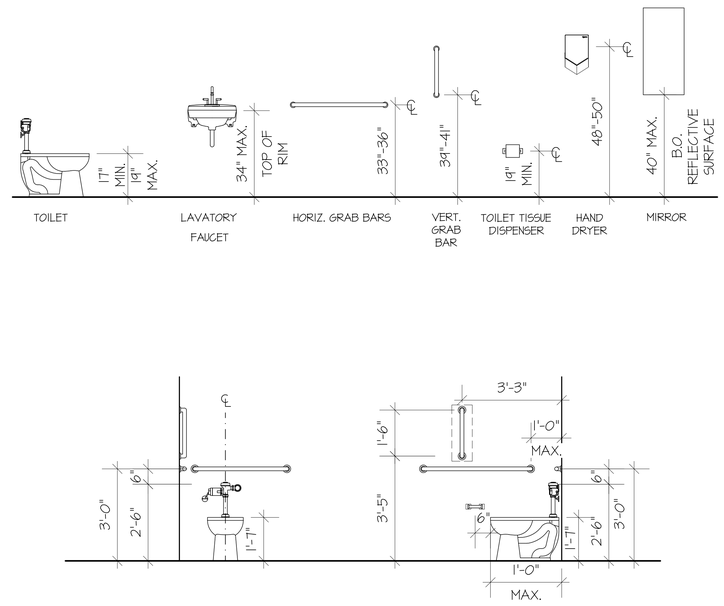
DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.



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

TYPICAL MOUNTING HEIGHTS

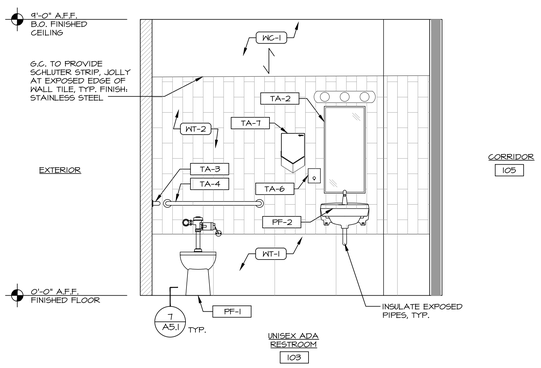


PLUMBING FIXTURE SCHEDULE

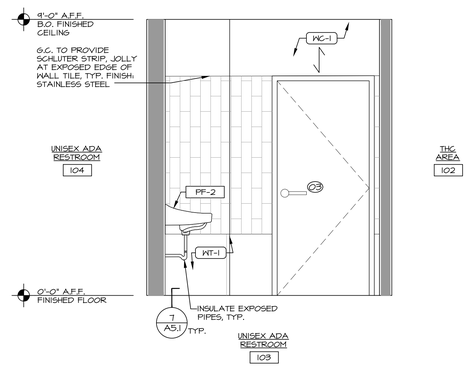
TAG	DESCRIPTION	MANUFACTURER	MODEL NO.	REMARKS
PF-1	WATER CLOSET HANDICAP	EXISTING	EXSITING	EXISTING TO BE RELOCATED
PF-2	LAVATORY	EXISTING	EXSITING	EXISTING TO BE REMAIN
PF-3	MOP SINK	FIAT	MSB 2424	G.C. TO INCLUDE FIAT #B30AA WALL MOUNTED SERVICE SINK FAUCET
PF-4	DRINKING FOUNTAIN	ELKAY	#EZSTL8WSLK	G.C. TO PROVIDE BLOCKING AS REQUIRED
PF-5	KITCHEN SINK	ELKAY	CROSSTOWN STAINLESS STEEL #ECTSRAD25226TB6, (3) HOLE CONFIGURATION, UNDERMOUNT INSTALLATION, TO INCLUDE DRAIN #LKAD35	G.C. TO INCLUDE AMERICAN STANDARD FAUCET, COLONY PRO SINGLE CONTROL KITCHEN FAUCET #7074.300 PULL DOWN FAUCET
PF-6	FLOOR DRAIN	ZURN	#ZN-415-B-4	NICKEL BRONZE FINISH

RESTROOM ACCESSORIES SCHEDULE

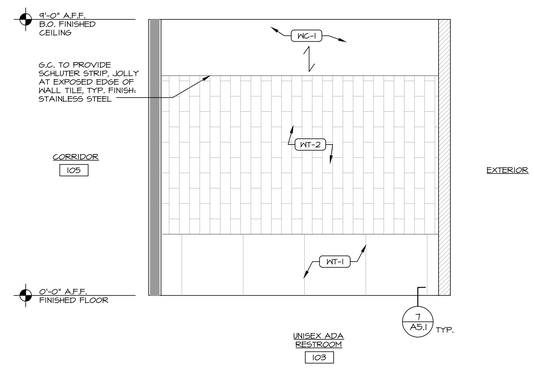
TAG	DESCRIPTION	MANUFACTURER	MODEL NO.	COLOR/FINISH	REMARKS
TA-1	TOILET PAPER DISPENSER	EXISTING TO REMAIN			
TA-2	MIRROR	EXISTING TO REMAIN			
TA-3	42" GRAB BAR	BOBRICK	B-6806 SERIES, 42"L	SATIN	WALL PLATES ON THE GRAB BARS MUST BE MOUNTED TO A BRACE BETWEEN WALL STUDS. INSTALL TO MEET ADA GUIDELINES.
TA-4	36" GRAB BAR	BOBRICK	B-6806 SERIES, 36"L	SATIN	
TA-5	18" GRAB BAR	BOBRICK	B-6806 SERIES, 18"L	SATIN	
TA-6	SURFACE MOUNTED SOAP DISPENSER	AMERICAN SPECIALTIES	#0347	STAINLESS STEEL	
TA-7	SURFACE MOUNTED HAND DRYER	DYSON AIRBLADE V	#AB 12	SPRAYED NICKEL	G.C. TO PROVIDE POWER AS REQUIRED



2 ADA UNISEX RESTROOM #103 ELEVATION
SCALE: 1/2" = 1'-0"



3 ADA UNISEX RESTROOM #103 ELEVATION
SCALE: 1/2" = 1'-0"



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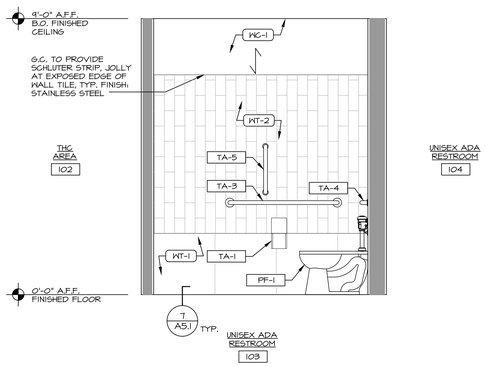
SCALE: 1/2" = 1'-0"



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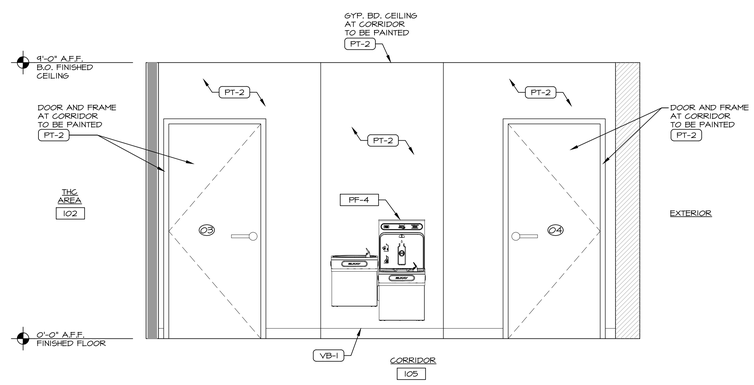
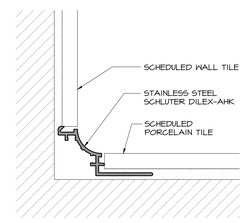


6 DRINKING FOUNTAIN ELEVATION
SCALE: 1/2" = 1'-0"



7 FLOOR DETAIL
SCALE: 1'-0" = 1'-0"

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DATE:	ISSUE:
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10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: EK
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO ARCHITECT

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DRAWING NAME: ADA RESTROOM PLANS AND PUBLIC RESTROOM ELEVATIONS

DRAWING NO.: A5.1

FIRM REGISTRATION NO.: AX010102

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SEAL

DATE: AS SHOWN

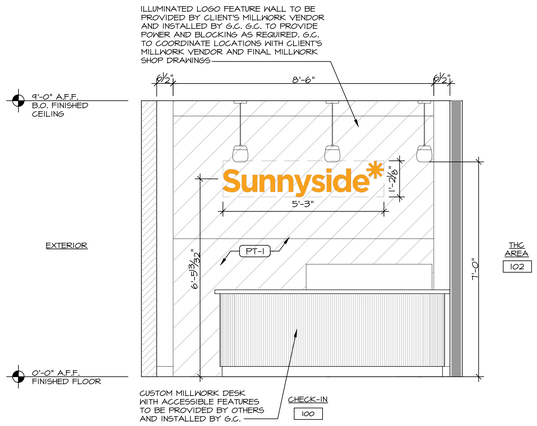
PROJECT NO.: 220392

LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055

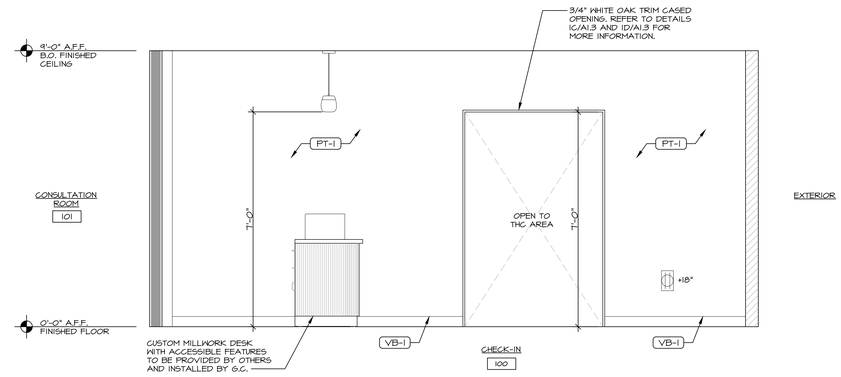
PROJECT: CRESCO LABS

PLOT SCALE: AS NOTED

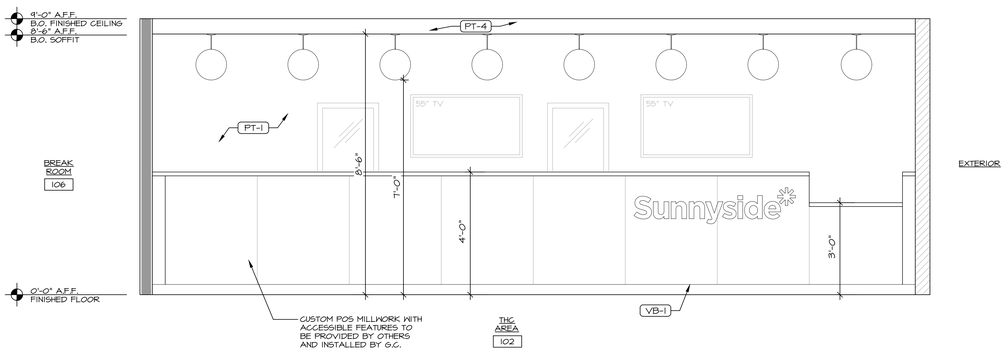
NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.



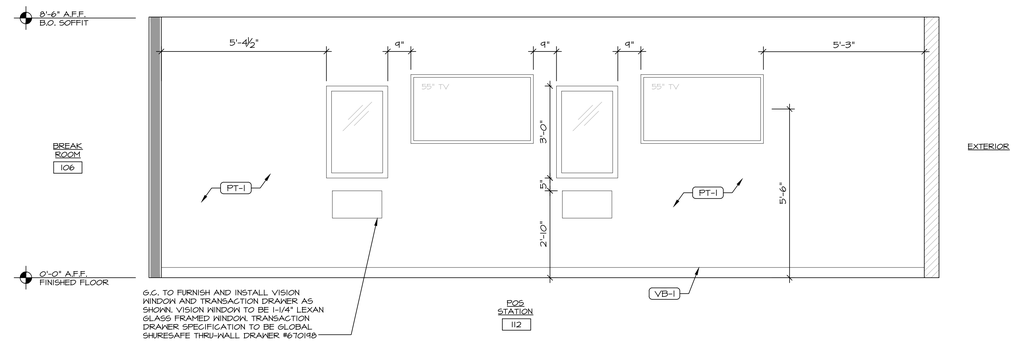
1 INTERIOR ELEVATION - CHECK-IN AREA #100
SCALE: 1/2" = 1'-0"



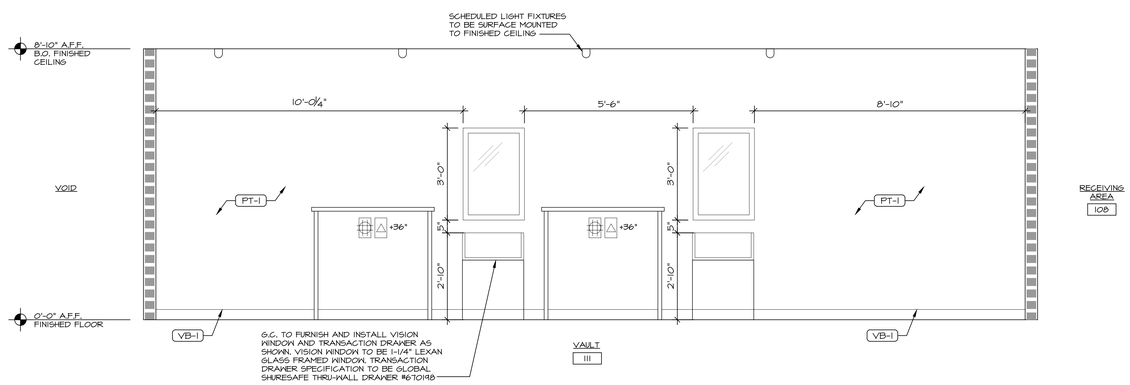
2 INTERIOR ELEVATION - CHECK-IN AREA #100
SCALE: 1/2" = 1'-0"



3 INTERIOR ELEVATION - THC AREA #102
SCALE: 1/2" = 1'-0"



4 INTERIOR ELEVATION - POS STATION #112
SCALE: 1/2" = 1'-0"



5 INTERIOR ELEVATION - VAULT #111
SCALE: 1/2" = 1'-0"

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PROJECT:
Sunnyside

LOCATION:
2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: EK
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO
ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME:
INTERIOR ELEVATIONS

DRAWING NO.:
A5.2

FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico
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Date: 2022.10.04 13:42:00 -04'00'
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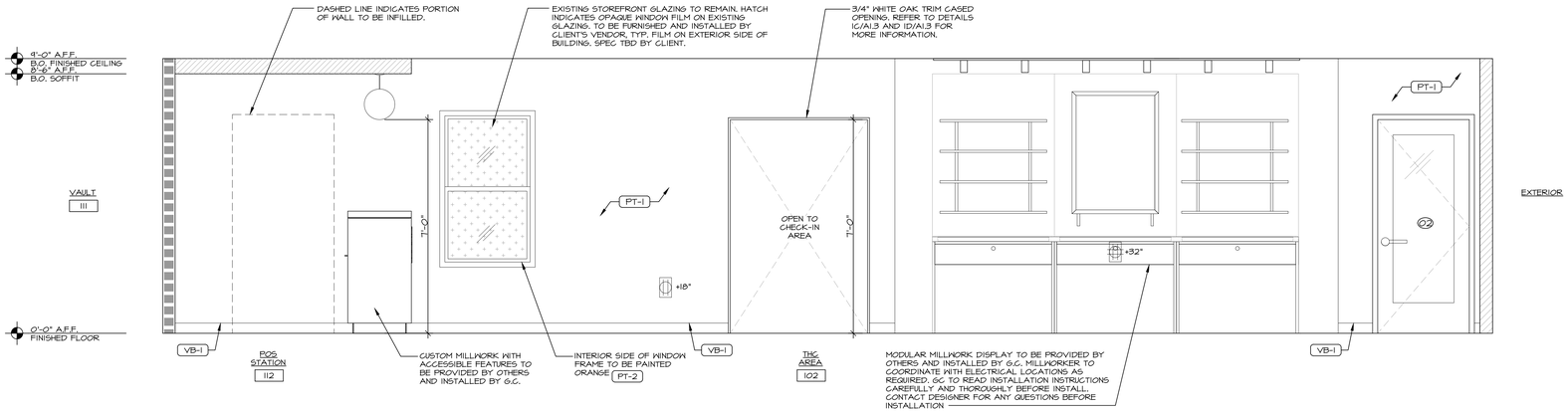
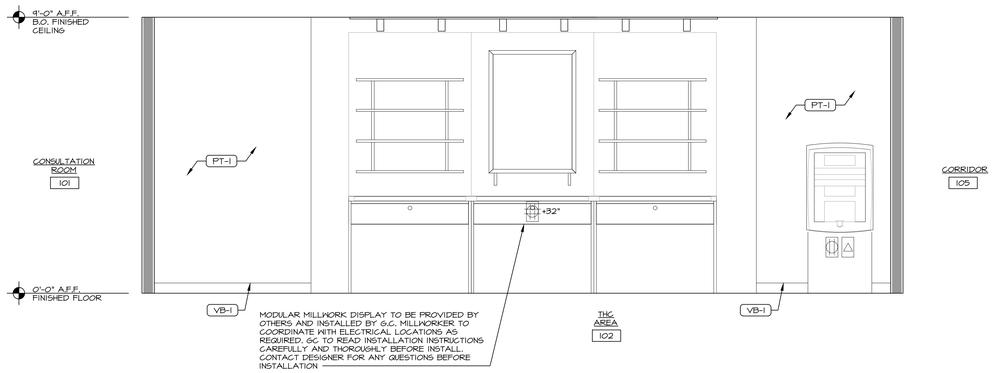
NICHOLAS J. TRICARICO
AR0007605
REGISTERED ARCHITECT
SEAL

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

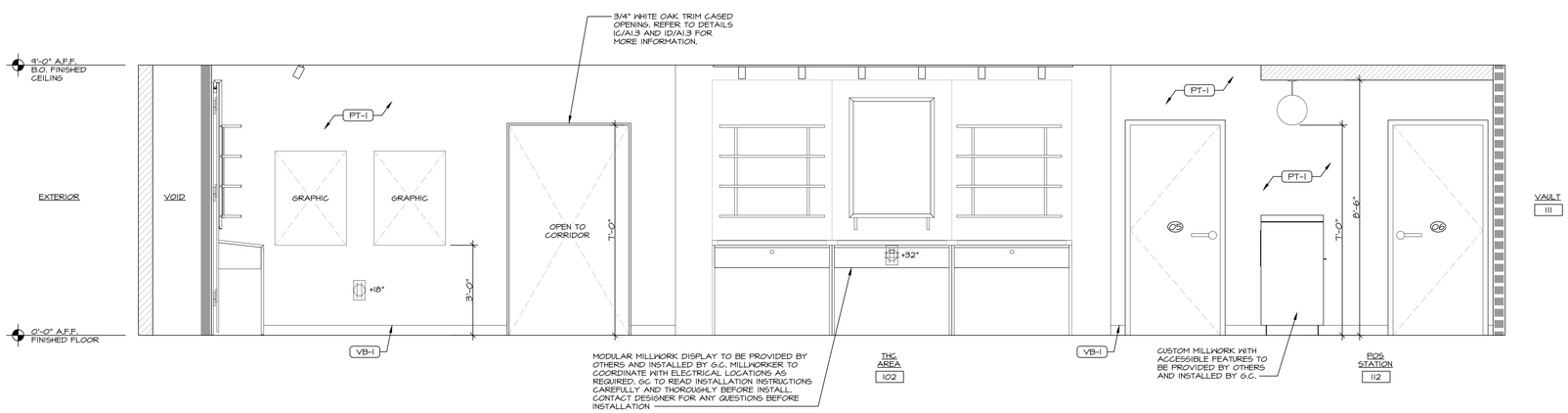
NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.



1 INTERIOR ELEVATION - THC AREA #102
SCALE: 1/2" = 1'-0"



2 INTERIOR ELEVATION - THC AREA #102
SCALE: 1/2" = 1'-0"



3 INTERIOR ELEVATION - THC AREA #102
SCALE: 1/2" = 1'-0"

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DATE:	ISSUE:
09.14.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT:
Sunnyside

LOCATION:
2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: EK
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO
ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME:
INTERIOR ELEVATIONS

DRAWING NO.:
A5.3

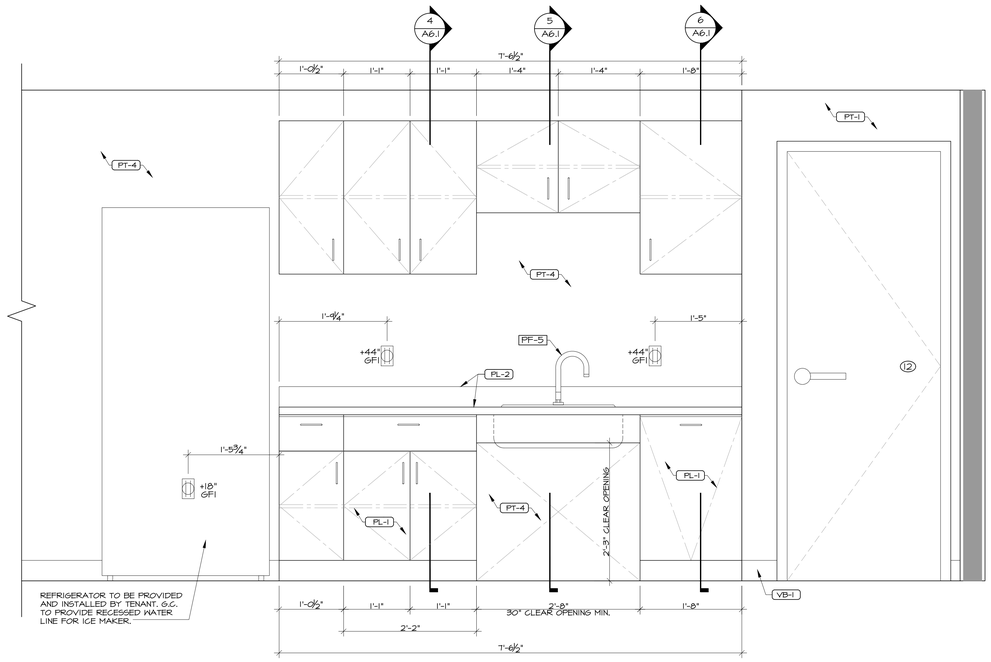
FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico
Digitally signed by Nicholas J. Tricarico
Date: 2022.10.04 13:42:35 -04'00'
SEAL

STATE OF FLORIDA
NICHOLAS J. TRICARICO
AR0007605
REGISTERED ARCHITECT
SEAL

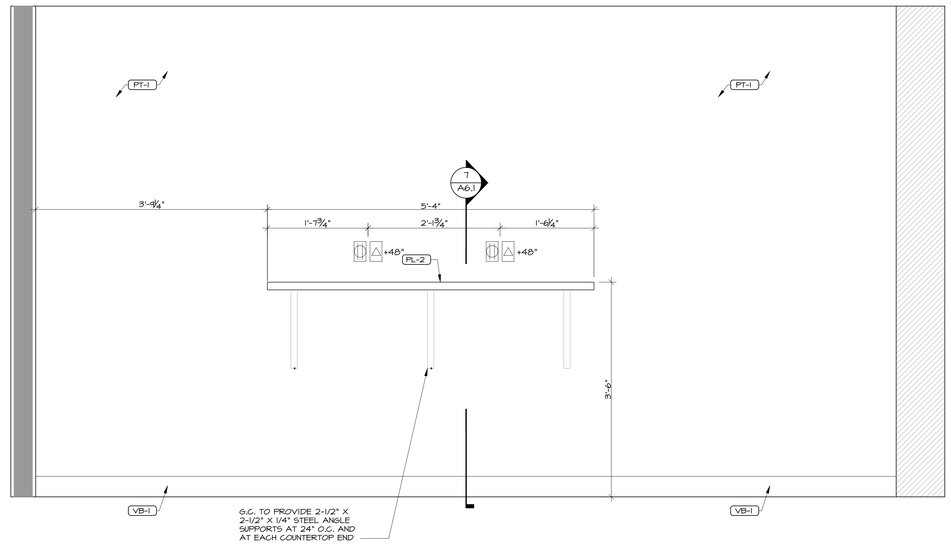
DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

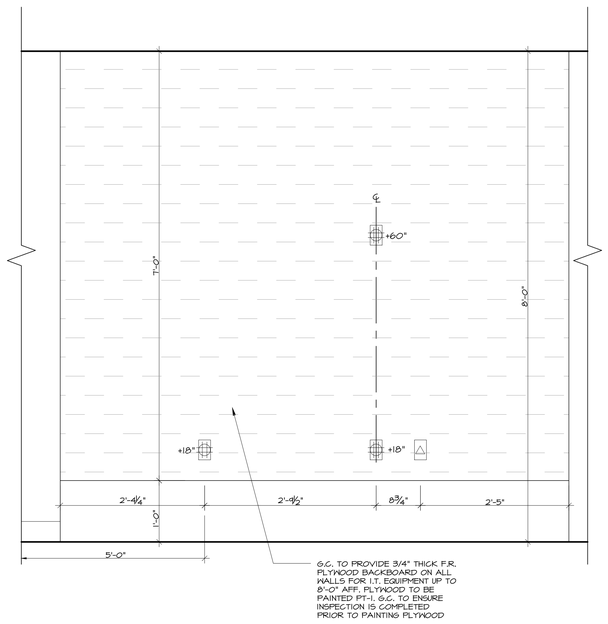


PF-5	KITCHEN SINK	ELKAY	CROSSTOWN STAINLESS STEEL #ECTSRAD25226TBG. (3) HOLE CONFIGURATION. UNDERMOUNT INSTALLATION. TO INCLUDE DRAIN #LKAD35	G.C. TO INCLUDE AMERICAN STANDARD FAUCET, COLONY PRO SINGLE CONTROL KITCHEN FAUCET #7074.300 PULL DOWN FAUCET

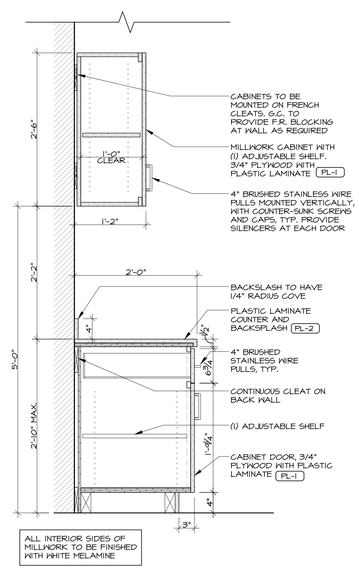
1 BREAK AREA MILLWORK ELEVATION
SCALE: 1" = 1'-0"



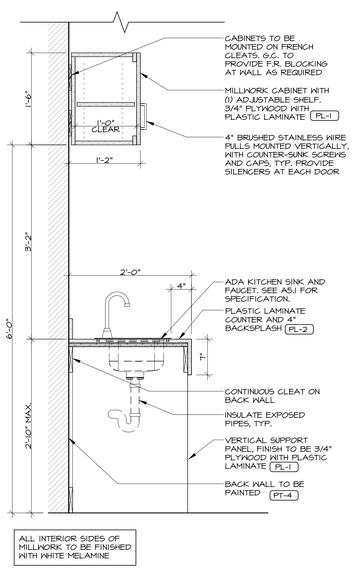
2 BREAK AREA MILLWORK ELEVATION
SCALE: 1" = 1'-0"



3 INTERIOR ELEVATION - IT ROOM #111
SCALE: 1" = 1'-0"



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



5 SECTION
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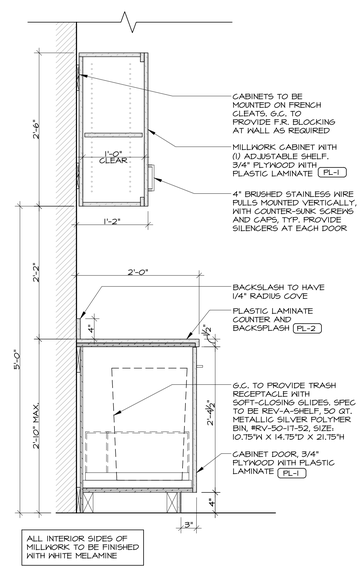
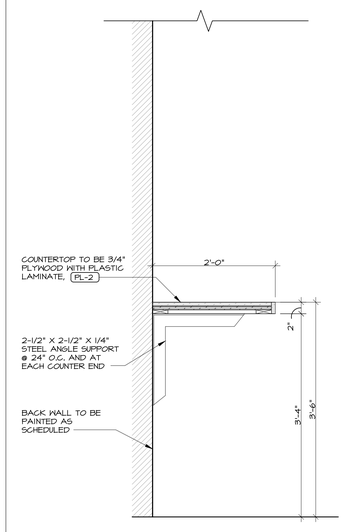


6 SECTION
SCALE: 1" = 1'-0"



7 SECTION
SCALE: 1" = 1'-0"

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PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: EK
SCALE: AS NOTED	CHECKED BY: GJC
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: NJT

NICHOLAS J. TRICARICO ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME: BREAK ROOM ELEVATION AND MILLWORK DETAIL

DRAWING NO.: A6.1

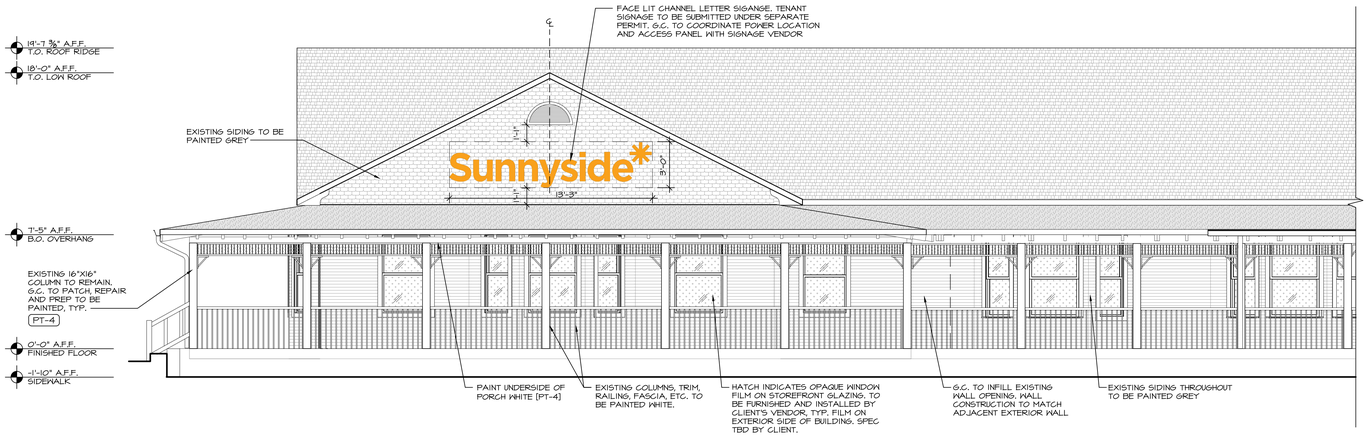
FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico — Digitally signed by Nicholas J. Tricarico Date: 2022.10.04 13:43:12 -04'00'
SEAL

STATE OF FLORIDA · NICHOLAS J. TRICARICO · AR0007605 · REGISTERED ARCHITECT
SEAL

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.



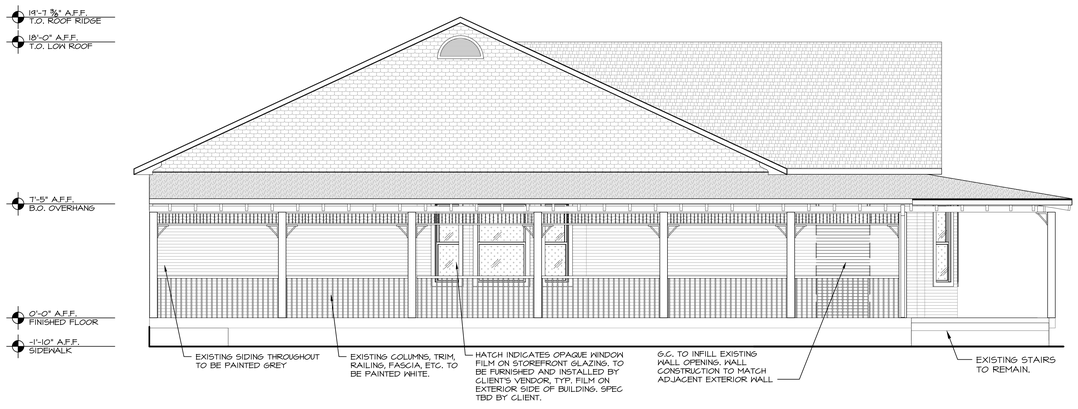
1 EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

SIGNAGE NOTES

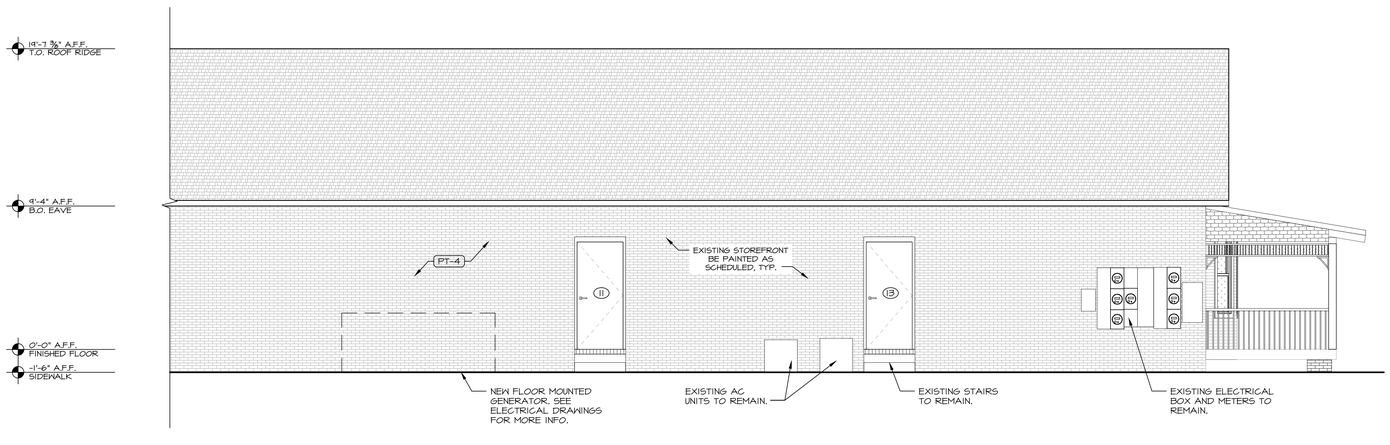
1. SIGN DETAILS ARE FOR REFERENCE ONLY. CLIENT'S SIGN VENDOR TO SUPPLY SIGN SHOP DRAWINGS FOR LANDLORD APPROVAL.
2. SIGNAGE VENDOR IS RESPONSIBLE TO ACQUIRE THE SIGN PERMIT.
3. G.C. IS RESPONSIBLE FOR SIGN SUPPORT AND STABILITY TO WALL.
4. ALL PENETRATIONS OF THE BUILDING ENVELOPE REQUIRED FOR SIGN INSTALLATION SHALL BE SEALED IN A WATERTIGHT CONDITION AND PATCHED TO MAINTAIN ADJACENT FINISH AND COLOR.
5. IT IS THE G.C.'S RESPONSIBILITY TO PROVIDE 120V PRIMARY ELECTRICAL SERVICE W/DEDICATED CIRCUIT(S), INCLUDING GROUND WIRING DIRECTLY FROM PANEL BOX WITHIN 6 FEET OF SIGNAGE. INSTALLATION TO MEET N.E.C., CSA/UL AND LOCAL CODES.
6. SIGN CONTRACTOR IS REQUIRED TO VERIFY ACTUAL FIELD CONDITIONS AND PROVIDE NECESSARY MOUNTING HARDWARE, BOXES FOR CSA/UL COMPLIANT ENCLOSURES AND METHOD OF ATTACHMENT TO ENSURE SAFE INSTALLATION. INSTALLATION TO MEET N.E.C., CSA/UL AND LOCAL CODES.
7. SIGN CONTRACTOR IS REQUIRED TO VERIFY ACTUAL FIELD CONDITIONS AND PROVIDE NECESSARY MOUNTING HARDWARE, BOXES FOR CSA/UL COMPLIANT ENCLOSURES AND METHOD OF ATTACHMENT TO ENSURE SAFE INSTALLATION. INSTALLATION TO MEET N.E.C., CSA/UL AND LOCAL CODES.

FINISH LEGEND

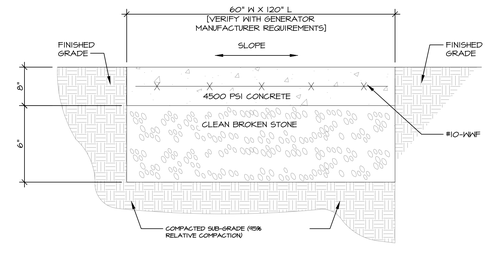
SYMBOL		MATERIAL	LOCATION	MANUFACTURER, DESCRIPTION, COLOR/FINISH
EXTERIOR	PT-4	FIELD PAINT	EXTERIOR FACADE	SHERWIN WILLIAMS DURATION EXTERIOR ACRYLIC LATEX PAINT, LOW LUSTRE, SPEC: #SW-7004, SNOWBOUND FINISH: EGGSHELL



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



3 EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



NOTE:
1. 1/2" CONTRACTION JOINTS AT 5 FOOT INTERVALS
2. INSTALL GENERATOR ON CONCRETE PAD PER MANUFACTURER'S SPECIFICATIONS.

4 CONCRETE GENERATOR PAD DETAIL
SCALE: NOT TO SCALE

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NICHOLAS J. TRICARICO
ARCHITECT

TRICARICO ARCHITECTURE AND DESIGN PC

DRAWING NAME:
EXTERIOR ELEVATIONS

DRAWING NO.:
A7.1

FIRM REGISTRATION NO.: AX010102

Nicholas J. Tricarico
Digitally signed by Nicholas J. Tricarico
Date: 2022.10.04 13:43:50 -04'00'
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STATE OF FLORIDA
NICHOLAS J. TRICARICO
AR0007605
REGISTERED ARCHITECT
SEAL

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: GRESCO LABS
PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

ELECTRICAL SPECIFICATIONS

I. GENERAL REQUIREMENTS

1. GENERAL CONDITIONS: ALL CONDITIONS AND REQUIREMENTS UNDER THE "GENERAL CONDITIONS", THE "SUPPLEMENTARY GENERAL CONDITIONS", THE "SPECIAL CONDITIONS" SHALL BECOME A PART OF THIS SPECIFICATION, AND BIDDERS WILL EXAMINE ALL DRAWINGS AND READ ALL PARTS OF THE SPECIFICATIONS TO AVOID OMISSIONS, DUPLICATIONS AND TO INSURE COMPLETE EXECUTION OF ALL WORK FOR ELECTRICAL.

2. GENERAL: THE WORK UNDER THIS SECTION SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT AND INCIDENTAL COSTS NECESSARY TO FURNISH AND INSTALL ALL ELECTRICAL WORK, EQUIPMENT, LAMPS, ETC. INDICATED ON THE DRAWINGS, AS SPECIFIED HEREIN, OR BOTH.

A. THE ELECTRICAL SUBCONTRACTORS QUOTING ON THEIR SPECIFIC SCOPE OF WORK / SERVICES TO CONTACT THE LOCAL BUILDING DEPARTMENT / AGENCY TO DISCUSS CODE ISSUES / IDIOSYNCRASIES REGARDING THEIR SERVICES AND THE QUOTE ASSOCIATED WITH THE SERVICES TO THE GENERAL CONTRACTOR FOR THIS PROJECT. THIS CONTRACTOR TO BE FAMILIAR WITH THE SITE WHERE SUCH SERVICES / WORK WILL BE PERFORMED, THIS SPECIFIC USE AND THE IDIOSYNCRASIES ASSOCIATED WITH THE LIFE, SAFETY AND HEALTH ASSOCIATED WITH THIS WORK AND TO INDICATE ON THE QUOTE ANY ITEMS REQUIRED THAT ARE NOT NECESSARILY SHOWN ON THE DRAWINGS / SPECIFICATIONS.

3. THE TENANT'S GENERAL CONTRACTOR AND/OR HIS ELECTRICAL SUBCONTRACTOR IS TO VERIFY ALL EQUIPMENT SPECIFICATIONS AND REQUIREMENTS WITH THE TENANT OR THE TENANT'S CONSTRUCTION REPRESENTATIVE PRIOR TO START OF CONSTRUCTION. THIS CONTRACTOR TO VERIFY AMPERAGE AND VOLTAGE SPECIFICATIONS AND REQUIREMENTS (SERVICE AND PANEL SPECIFICATION) WITH THE ELECTRICAL SUBCONTRACTOR IN COORDINATION WITH EQUIPMENT SPECIFICATIONS FOR EQUIPMENT SUPPLIED BY THE TENANT, THE CONTRACTORS OR OTHER SOURCES (AS SPECIFIED BY THE ARCHITECT) AS A DOUBLE CHECK TO ASCERTAIN PROPER INSTALLATION OF EQUIPMENT AT THE CORRECT VOLTAGE/ AMPERAGE.

A. THE ELECTRICAL SUBCONTRACTOR IS REQUIRED TO VISIT THE SITE DURING BIDDING AND VERIFY LOCATION(S) OF WHERE THE ELECTRICAL EQUIPMENT/PIPING IS INDICATED TO BE PLACED, SIZE OF ANY EXISTING SERVICE AND WHAT IS INDICATED TO BE INSTALLED OR "EXISTING TO REMAIN" AND IF NEW SERVICE IS INDICATED, TO VERIFY IF DIFFERENT THAN THE DRAWINGS, SIZE OF FEEDER PIPES, REQUIRED DISTANCES AND POSSIBLE ADDITIONAL WORK REQUIRED AT THE ELECTRICAL DISTRIBUTIONS ROOM. ANY DISCREPANCIES BETWEEN DESIGNED AND ACTUAL TO BE TOLD TO THE GENERAL CONTRACTOR AND BE INDICATED ON THE BID FORM.

4. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING APPROVAL FROM THE BUILDING AND ELECTRICAL INSPECTORS FOR ALL CONCEALED WORK PRIOR TO CLOSING UP WALLS, FLOORS AND CEILINGS.

5. TENANT'S GENERAL CONTRACTOR SHALL BRING IN ALL ADDITIONAL SERVICES, ADEQUATE FOR TENANT'S NEEDS AS REQUIRED, INCLUDING BUT NOT LIMITED TO ELECTRIC, SPRINKLER, SOIL (WASTE), DOMESTIC WATER LINES, OUTSIDE TOILET EXHAUST AIR, FIRE ALARM, TELEPHONE AND DATA.

6. SCOPE: FURNISH LABOR, MATERIALS, TOOLS, EQUIPMENT, ETC., REQUIRED FOR A COMPLETE INSTALLATION OF ELECTRICAL SYSTEMS AND WORK, IN ACCORDANCE WITH LOCAL CODES AND GOVERNING BODIES HAVING JURISDICTION, AS SHOWN ON DRAWINGS, AND AS SPECIFIED, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

A. NEW SERVICE -- TENANT'S CONTRACTOR IS TO REUSE EXISTING ELECTRICAL SERVICE OR CONDUIT ONLY; FURNISH AND INSTALL NEW ELECTRICAL SERVICE WIRE AND EXTEND BOTH CONDUIT AND WIRE TO POINT OF ALL NEW PANELS, TRANSFORMERS, WIREWAYS, TROUGHS, TIME CLOCKS, ETC.. SINCE SPACE MAY OR MAY NOT BE MEASURED OR REVIEWED BY TENANT'S ARCHITECT, THE ACTUAL LOCATION OF SERVICE AND PANEL LOCATIONS MAY NOT BE KNOWN. THE ELECTRICAL SUBCONTRACTOR, IN REVIEW OF THE PREMISES, IS REQUIRED TO INSTALL PANELS IN LOCATION AS NOTED ON DRAWINGS AND MUST INCLUDE IN HIS BID ANY EXTENSION OF CONDUIT AND WIRE, NEW DISCONNECTS, RELOCATION OR INSTALLATION OF PANELS, TROUGHS, WIREWAYS, ETC. TO MAKE THE SYSTEM WHOLE AND TO UPGRADE AS NECESSARY TO MEET CODE REQUIREMENTS. INSTALL NEW SERVICE INCLUDING CONDUIT AND WIRE FROM DEMISED PREMISES TO LANDLORD'S ELECTRICAL ROOM IF THE EXISTING SERVICE NEEDS TO BE UPGRADED FROM WHAT TENANT WAS ORIGINALLY TOLD SERVICE WOULD BE, OR THE SERVICE NEEDS TO BE MOVED BECAUSE IT'S EITHER SHOWN TO BE MOVED OR IS EXISTING NOW IN THE PATH OF FUTURE PARTITION OR OTHER SERVICES.

B. EXISTING SERVICE -- TENANT'S CONTRACTOR IS TO REUSE EXISTING ELECTRICAL SERVICE WIRE, CONDUIT AND ELECTRICAL EQUIPMENT; CUT AND EXTEND TO POINT OF NEW ELECTRICAL EQUIPMENT. ALL EXISTING ELECTRICAL EQUIPMENT WHICH IS REUSED TO BE BROUGHT UP TO "LIKE NEW" CONDITION AND THE LATEST N.E.C. STANDARD. SINCE SPACE MAY OR MAY NOT BE MEASURED OR REVIEWED BY TENANT'S ARCHITECT, THE ACTUAL LOCATION OF SERVICE AND PANEL LOCATIONS MAY NOT BE KNOWN. THE ELECTRICAL SUBCONTRACTOR, IN REVIEW OF THE PREMISES IS REQUIRED TO INSTALL PANELS IN LOCATION AS NOTED ON DRAWINGS AND MUST INCLUDE IN HIS BID ANY EXTENSION OF CONDUIT AND WIRE, NEW DISCONNECTS, RELOCATION OR INSTALLATION OF PANELS, TROUGHS, WIREWAYS, ETC. TO MAKE SYSTEM WHOLE AND TO UPGRADE AS NECESSARY TO MEET CODE REQUIREMENTS. INSTALL NEW SERVICE INCLUDING CONDUIT AND WIRE FROM DEMISED PREMISES TO LANDLORD'S ELECTRICAL ROOM IF THE EXISTING SERVICE NEEDS TO BE UPGRADED FROM WHAT TENANT WAS ORIGINALLY TOLD SERVICE WOULD BE, OR THE SERVICE NEEDS TO BE MOVED BECAUSE IT'S EITHER SHOWN TO BE MOVED OR IS EXISTING NOW IN THE PATH OF FUTURE PARTITION OR OTHER SERVICES. IF SERVICE IS ADEQUATE BUT MUST BE RELOCATED, CUT AND EXTEND EXISTING WIRE AND CONDUIT TO POINT OF ALL NEW PANELS, DISCONNECTS, TROUGHS, TIME CLOCKS, ETC.

C. POWER DISTRIBUTION SYSTEMS AND TRANSFORMER.

D. LIGHTING SYSTEMS (ALSO SEE REFLECTED CEILING PLAN).

E. ELECTRICAL ENERGIZING -- MISCELLANEOUS FAN AND MOTOR.

F. MOTOR POWER WIRING SYSTEM.

G. TELEPHONE EMPTY CONDUIT SYSTEM (INCLUDING TERMINAL BOXES AND OUTLETS).

H. CONVENIENCE RECEPTACLE SYSTEM, DOOR ALARM/ ENTRY SYSTEM/ SECURITY.

I. SOUND SYSTEM, INTERCOM SYSTEM -- FURNISHED AND INSTALLED BY THIS CONTRACTOR IF REQUIRED BY CLIENT; EMERGENCY LIGHT SYSTEM AND BATTERIES FURNISHED BY CLIENT AND INSTALLED BY THIS CONTRACTOR.

J. GROUNDING IN ACCORDANCE WITH NATIONAL ELECTRIC CODE AND ALL MALL REQUIREMENTS.

K. NIGHT LIGHT CIRCUITING THROUGHOUT PREMISES AS PER CODE WHETHER SHOWN OR NOT ON DRAWINGS.

L. LOCK OUTS FOR EXIT / EMERGENCY LIGHTING, ALARM SYSTEMS, CASH REGISTERS, GRILLE AT ENTRY (IF APPLICABLE) AS REQUIRED. SEE PANEL SCHEDULE FOR CIRCUITS.

M. SMOKE DETECTORS FURNISHED AND INSTALLED WITHIN STORE TO INCLUDE LOCATIONS AND INTERNAL / EXTERNAL WIRING IF REQUIRED BY LANDLORD OR FIRE MARSHAL.

N. ELECTRICAL SUBCONTRACTOR, WHEN BIDDING THIS WORK, TO CHECK TO MAKE SURE THAT SERVICE WIRE, CONDUIT, DISCONNECTS, ETC., ARE ADEQUATE FOR TENANT'S NEEDS. IF ADDITIONAL SERVICE IS REQUIRED, INCLUDE NEW CONDUIT AND SERVICE FEED OR DISCONNECTS, METER BASE AND METER (IF APPLICABLE), ETC., TO BRING SUCH SERVICE UP TO TENANT'S NEEDS.

O. FURNISH AND INSTALL ALL CONDUIT AND WIRING, DISCONNECTS, BREAKERS, BALANCING OF LOADS, ETC. FOR HOOKUP OF ALL H.V.A.C. EQUIPMENT, UNIT(S), OR INLINE HEATERS WHETHER SUCH HEATERS OR EQUIPMENT / UNITS ARE SHOWN OR NOT.

P. FURNISH AND INSTALL A TWENTY FOUR (24) HOUR, SEVEN (7) DAY TIME CLOCK INCLUDING ALL INTEGRAL WIRING AND LOAD BALANCING (PANEL) FOR CONTROLLING THE STOREFRONT SIGN AND SHOW WINDOW LIGHTING, WHETHER SUCH WORK IS OR IS NOT SHOWN ON PLANS / OR SPECIFICATIONS.

Q. ALL ELECTRICAL ROUGH-IN TO BE NEW AND THE ORIGINAL SERVICES TO THE DEMISED PREMISES TO BE REUSED; CUT AND EXTEND TO POINT OF ALL NEW ELECTRICAL EQUIPMENT (IF ANY EQUIPMENT IS REUSED, UPGRADE SAME TO "LIKE NEW" CONDITION AND THE LATEST N.E.C. STANDARDS) BY THE TENANT'S CONTRACTOR UNLESS NOTED OTHERWISE ON DRAWINGS. TENANT'S GENERAL CONTRACTOR TO FIELD VERIFY THAT ALL UTILITY LINES ARE AT OR ADJACENT TO TENANT'S SPACE AS NOTED AND AT THE SIZE SPECIFIED. IF THE UTILITIES ARE NOT IN LOCATIONS AS NOTED ON THE DRAWINGS OR OF A SIZE LARGER OR SMALLER THAN NOTED, THIS CONTRACTOR IS TO NOTIFY THE TENANT'S ARCHITECT IMMEDIATELY.

R. THE TENANT'S ELECTRICAL SUBCONTRACTOR IS TO PROVIDE A NEW CIRCUIT DIRECTORY(IES) WITH PROPER PHASING AND BALANCING, WHICH IS TO CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND UNDERWRITER'S CODE.

S. THE SIGN(S) JUNCTION BOX PERMIT IS TO BE INCLUDED IN THE WORK FOR THE ELECTRICAL SUBCONTRACTOR AND THE BOX IS TO BE SUPPLIED BY THIS CONTRACTOR AND PROPERLY LABELED.

T. FURNISH AND INSTALL NEW (OR REFURBISH IF EXISTING) TOILET EXHAUST WITH ASSOCIATED DUCTWORK, ROOF PENETRATIONS, OR HOOK UP TO COMMON EXHAUST DUCT WITH BACKDRAFT DAMPER ETC., INCLUDING ASSOCIATED ELECTRICAL HOOKUP AND PANEL CONNECTIONS, WHETHER SUCH WORK IS SHOWN OR NOT SHOWN ON PLANS AND SPECIFICATIONS.

U. IF A SMOKE EVACUATION AND / OR DETECTION SYSTEM OCCURS FOR THIS SPACE, IT SHALL BE LEFT INTACT DURING CONSTRUCTION AND ANY NEW WORK, MODIFICATIONS AND/ OR REWIRING TO BE COMPLETED DURING CONSTRUCTION PHASE TO POINT OF NEW PANELS, WHETHER SHOWN OR NOT SHOWN ON PLANS AND SPECIFICATIONS.

V. ENGINEER, FURNISH AND INSTALL ANY AND ALL REQUIRED SMOKE EVACUATION, SMOKE DETECTION AND FIRE ALARM SYSTEMS, INCLUDING ANY AND ALL PARTS AND LABOR, TO MEET LOCAL CODE, LANDLORD REQUIREMENTS AND FIRE MARSHAL SPECIFICATIONS WHETHER SHOWN OR NOT SHOWN ON PLANS AND SPECIFICATIONS.

W. THE ELECTRICAL SUBCONTRACTOR TO COORDINATE WITH OTHER ENGINEERING DRAWINGS AND INCLUDE COSTS (LABOR AND MATERIALS) NECESSARY FOR OTHER ELECTRICAL EQUIPMENT / FIXTURES NOT SHOWN ON THESE ELECTRICAL DRAWINGS, BUT SHOWN ON OTHER ENGINEERING DRAWINGS.

7. THE TENANT'S GENERAL CONTRACTOR AND/ OR ELECTRICAL SUBCONTRACTOR IS TO INSTALL EMERGENCY AND EXIT LIGHTING, AS REQUIRED BY LOCAL CODE OR AGENCIES HAVING JURISDICTION OVER THE PROJECT. THE EXIT/ EMERGENCY LIGHTING SHOULD BE PROPERLY LABELED AND APPROVED TYPE LOCKOUTS INSTALLED.

8. SUBSTITUTIONS: CATALOG AND MANUFACTURER'S NUMBERS IN THIS SECTION AND ON THE DRAWINGS ARE FOR THE PURPOSE OF ESTABLISHING STANDARDS OF QUALITY AND TYPE OF MATERIALS TO BE USED. PRODUCTS OR OTHER MANUFACTURERS MAY BE USED IF SIMILAR AND EQUAL IN QUALITY AND DESIGN IN THE OPINION OF THE OWNER OR OWNER'S ARCHITECT AND ARE SPECIFICALLY APPROVED BY THE OWNER OR OWNER'S ARCHITECT, IN WRITING, PRIOR TO CLOSE OF BIDDING. REQUESTS FOR APPROVAL OF SUBSTITUTIONS SHALL BE IN WRITING, AND SHALL INCLUDE REPORTS OF TESTS, PERFORMANCE DATA OR OTHER PROOF OF EQUALITY TO THE ITEM SPECIFIED.

9. SHOP DRAWINGS & SUBMITTALS: PRIOR TO THE COMMENCEMENT OF WORK, SUBMIT ONE (1) SET OF THE FOLLOWING ITEMS TO THE OWNER'S ARCHITECT IN THE FORM OF SHOP DRAWINGS, DETAILS OR CATALOG CUTS FOR THE RECORD: LIGHTING AND POWER PANELS, WIRING DEVICES, SAFETY SWITCHES, TRANSFORMER, TIME CLOCKS AND ANY OTHER ITEMS AS REQUESTED BY THE OWNER OR THE OWNER'S ARCHITECT.

A. BY SUBMITTING SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS, THE CONTRACTOR REPRESENTS TO THE CLIENT AND ARCHITECT THAT THE CONTRACTOR HAS (1) REVIEWED AND APPROVED THEM, (2) DETERMINED AND VERIFIED MATERIALS, FIELD MEASUREMENTS AND FIELD CONSTRUCTION CRITERIA RELATED THERETO, OR WILL DO SO AND (3) CHECKED AND COORDINATED THE INFORMATION CONTAINED WITHIN SUCH SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND OF THE CONTRACT DOCUMENTS.

B. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK FOR WHICH THE CONTRACT DOCUMENTS REQUIRE SUBMITTAL AND REVIEW OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNTIL THE RESPECTIVE SUBMITTAL HAS BEEN APPROVED BY THE ARCHITECT.

C. THE WORK SHALL BE IN ACCORDANCE WITH APPROVED SUBMITTALS EXCEPT THAT THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY ANY APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE CLIENT IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND

C.1. THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION AS A MINOR CHANGE IN THE WORK, OR A CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE HAS BEEN ISSUED AUTHORIZING THE DEVIATION.
C.2. THE CONTRACTOR SHALL DIRECT SPECIFIC ATTENTION IN WRITING OR ON RESUBMITTED SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS, TO REVISIONS OTHER THAN THOSE REQUESTED BY THE ARCHITECT ON PREVIOUS SUBMITTALS. IN THE ABSENCE OF SUCH WRITTEN NOTICE, THE ARCHITECT'S APPROVAL OF A RESUBMISSION SHALL NOT APPLY TO SUCH REVISIONS.

D. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE ARCHITECT'S APPROVAL THEREOF.

10. WORKMANSHIP:

A. USE EXPERIENCED, WELL-QUALIFIED CRAFTSMEN, IN GOOD STANDING WITH THEIR RESPECTIVE LABOR UNIONS.

B. USE CAPABLE AND EXPERIENCED SUPERINTENDENTS, AUTHORIZED BY THE CONTRACTOR TO INSTRUCT WORK, MAKE JOB DECISIONS AND ACT FOR THE CONTRACTOR IN ALL MATTERS PERTAINING TO THE CONTRACT.

11. PERMITS, TESTS AND INSPECTIONS:

A. APPLY FOR, SECURE AND PAY FOR ALL REQUIRED PERMITS, FEES, LICENSES AND ROYALTIES TO ACCOMPLISH THE WORK.

B. APPLY FOR, SECURE AND PAY FOR ALL REQUIRED TESTS AND INSPECTIONS TO ACCOMPLISH THE WORK IN CONFORMANCE WITH ALL CODES AND JURISDICTIONS.

C. FURNISH SIGNED CERTIFIED AND ACCEPTABLE COPIES OF ALL ITEMS COVERED IN (A) AND (B) ABOVE TO THE OWNER FOR HIS RECORDS.

D. COMPLY WITH RULES AND REGULATIONS OF JURISDICTIONAL AUTHORITIES AND MALL OR LEASE SPECIFICATIONS AND REPORT ANY DEVIATIONS ON DRAWINGS TO OWNER.

12. CODES, RULES AND REGULATIONS: INCLUDE IN ELECTRICAL BID ANY ADDITIONAL MATERIALS AND LABOR, THAT MAY BE REQUIRED FOR COMPLIANCE WITH ALL GOVERNING LAWS, RULES AND REGULATIONS, EVEN THOUGH THE WORK IS NOT MENTIONED IN THESE SPECIFICATIONS OR SHOWN ON THE DRAWINGS. NOTHING IN THE PLANS OR SPECIFICATIONS SHALL BE DEEMED AS AUTHORITY TO VIOLATE ANY GOVERNING CODE.

13. ACCURACY OF DATA:

A. THE DATA GIVEN HEREIN AND ON THE DRAWINGS ARE AS EXACT AS COULD BE SECURED, BUT THEIR ABSOLUTE ACCURACY IS NOT GUARANTEED. THE SPECIFICATIONS AND DRAWINGS ARE FOR THE ASSISTANCE AND GUIDANCE OF THE CONTRACTOR. EXACT LOCATIONS, DISTANCES, LEVELS, ETC., WILL BE GOVERNED BY THE BUILDING AND THE CONTRACTOR SHALL USE THE DATA CONTAINED HEREIN WITH THIS UNDERSTANDING.

B. THE EXACT LOCATION OF EACH AND EVERY OUTLET OF EACH WIRING SYSTEM, NOT DIMENSIONED ON THE DRAWINGS, SHALL BE AS DIRECTED BY THE OWNER, THE OWNER'S ARCHITECT OR HIS SELECTED REPRESENTATIVE.

14. CLEANUP: REMOVE ALL SURPLUS MATERIAL, EQUIPMENT AND DEBRIS INCIDENTAL TO THIS WORK AND LEAVE THE PREMISES IN A CONDITION ACCEPTABLE TO THE OWNER.

15. GUARANTEE: FURNISH A WRITTEN CERTIFIED GUARANTEE, IN ACCEPTABLE FORM TO THE OWNER, AGAINST ANY DEFECTIVE WORKMANSHIP, MATERIAL AND OPERATING EQUIPMENT. THIS GUARANTEE SHALL BE IN FULL FORCE AND EFFECTIVE FOR A PERIOD OF ONE (1) YEAR AFTER ACCEPTANCE OF THE INSTALLATION.

16. TEMPORARY ELECTRIC SERVICE: THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY ELECTRICAL WIRING FOR CONSTRUCTION USE AS FOLLOWS: THE SERVICE ENTRANCE AND FEEDER SHALL BE 60 AMPS, SINGLE PHASE, 3 WIRE 120/208 VOLT FUSED MAIN DISCONNECT. THE FEEDER TO SERVE THE TEMPORARY DISTRIBUTION WIRING PROVIDING TEMPORARY LIGHTING IN ALL AREAS AS INDICATED ON DRAWINGS AND WHEREVER REQUIRED FOR THE OPERATION OF 120 VOLT SINGLE PHASE PORTABLE TOOLS AND EQUIPMENT NOT TO EXCEED 1 H.P.. THE WIRING SHOULD BE EXTENDED ALSO, SO THERE IS A 120 VOLT SINGLE PHASE OUTLET WITHIN 75 FEET OF ANY PORTION OF THE BUILDING. PROVIDE GROUND FAULT PROTECTION FOR ALL REQUIRED RECEPTACLES NOT TO BECOME A PERMANENT PART OF THE INSTALLATION.

17. STRUCTURAL CONDITIONS: NOTCHING AND BORING OF STRUCTURAL MEMBERS WILL NOT BE PERMITTED. IF CONDUIT, BOXES, ETC. NEED TO BE HUNG FROM STRUCTURAL STEEL, ONLY HANG FROM TOP FLANGE OF BEAMS AND TOP CHORDS AND ONLY AT PANEL POINTS OF JOISTS/ TRUSSES.

18. COOPERATION WITH OTHER CONTRACTORS: THIS CONTRACTOR SHALL COOPERATE WITH ALL OTHER CONTRACTORS FURNISHING LABOR MATERIALS AND ALL WORK, SO THAT THE WORK AS A WHOLE SHALL BE EXECUTED AND COMPLETED WITHOUT CONFLICT OR DELAY. IN THE EVENT OF ANY MECHANICAL OBSTRUCTION, AS PLUMBING OR AIR CONDITIONING DUCTS IN WAY OF ELECTRICAL EQUIPMENT, IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO NOTIFY THE OWNER'S ARCHITECT BEFORE COMMENCING ANY WORK.

II. BASIC MATERIALS AND METHODS

1. RACEWAYS AND BOXES:

A. WHERE SIZES OF RACEWAY OR BOXES ARE NOT INDICATED, THE CONTRACTOR SHALL SIZE THESE ITEMS AS REQUIRED FOR THE INSTALLATION.

B. FLEXIBLE METAL CONDUIT AS ALLOWABLE BY CODE SHALL BE USED FOR FINAL CONNECTION OF LIGHTING FIXTURES AND WIRING DEVICES TO BE INSTALLED IN HUNG CEILINGS.

C. WORK INSTALLED IN METAL PARTITIONS SHALL BE RUN IN CONCEALED ELECTRIC METALLIC TUBING OR FLEXIBLE CONDUIT AS REQUIRED BY GOVERNING CODE AND LANDLORD.

D. BRANCH CIRCUIT WORK CHASED INTO EXISTING CONSTRUCTION FOR CONCEALMENT UNDER PATCHED FINISHES, MAY BE INSTALLED IN RIGID CONDUIT, OR EMT.

E. CONDUITS THAT RUN EXPOSED ON EXTERIOR OF BUILDING SHALL BE RIGID CONDUIT WITH WEATHER TIGHT, CORROSION RESISTANT FITTINGS.

F. FLEXIBLE STEEL CONDUITS SHALL BE USED IN MAKING UP SHORT, FLEXIBLE CONNECTIONS TO ROTATING OR VIBRATING MACHINERY, MINIMUM 12" LENGTH AND FOR CONNECTIONS BETWEEN JUNCTION BOXES IN HUNG OR FURRED CEILING FIXTURES.

G. ALL INTERIOR FEEDERS OR EXPOSED FEEDERS TO THE PUBLIC'S EYE, SHALL BE INSTALLED IN RIGID CONDUIT OR EMT.

H. ALL INTERIOR LOW VOLTAGE WIRING SHALL BE INSTALLED IN RIGID CONDUIT OR EMT WHERE REQUIRED BY CODE.

I. MINIMUM SIZE CONDUIT SHALL BE 3/4" TRADE SIZE UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

J. ALL WORK RUN IN UNEXCAVATED AREAS, CRAWL SPACES, TUNNELS, OR UNDERGROUND SHALL BE INSTALLED IN RIGID CONDUIT.

K. ALL WORK RUN EXPOSED WITHIN THE BUILDING MAY BE INSTALLED IN RIGID STEEL CONDUIT OR ELECTRICAL METALLIC TUBING.

L. ALL WORK RUN CONCEALED WITHIN HUNG OR FURRED CEILINGS, METAL STUD PARTITIONS AND THE LIKE, MAY BE INSTALLED IN RIGID STEEL CONDUIT, ELECTRIC METALLIC TUBING EXCEPT THAT WIRING IN OR THROUGH SLABS SHALL BE IN RIGID CONDUIT.

M. GALVANIZED PRESSED STEEL OUTLET BOXES OF PROPER SIZE AND TYPE AS REQUIRED BY THE BUILDING CONDITIONS SHALL BE PROVIDED FOR ALL INTERIOR OUTLETS FOR LIGHTING, SWITCHES, RECEPTACLES, CLOCKS, SIGNALS, AND THE LIKE.

N. PROVIDE GALVANIZED FITTINGS FOR EXPOSED WORK, THREADED FOR CONDUIT CONNECTIONS AND PROVIDE WITH SUITABLE COVERS.

O. THE OUTLETS FOR LOCAL SWITCHES SHALL BE INSTALLED ADJACENT TO THE TRIM ON THE STRIKING SIDE OF THE DOOR, REGARDLESS OF THE LOCATIONS INDICATED ON THE DRAWINGS; THEREFORE, CHECK ALL DOOR SWINGS BEFORE INSTALLING CONDUIT AND OUTLETS.

2. GROUNDING:

A. ALL MAJOR PARTS NOT CARRYING CURRENT, INCLUDING THE FOLLOWING ITEMS BELOW, SHALL BE PROPERLY GROUNDED:

A.1. SECONDARY FEEDER CONDUIT AND EQUIPMENT ENCLOSURES.
A.2. PANEL BOARD ENCLOSURES, PULL AND JUNCTION BOXES, CABLE TROUGHS.
A.3. ALL CONDUITS, METAL MOLDING AND OUTLET BOXES.
A.4. FAN AND EQUIPMENT HOUSINGS EXPOSED ON THE STRUCTURE OR ON GRADE.

B. ALL CASH REGISTER OUTLETS TO BE ISOLATED AND SEGREGATED.

3. SAFETY SWITCHES: PROVIDE WHERE SHOWN OR AS REQUIRED, HEAVY-DUTY, METAL ENCLOSED, EXTERNALLY OPERATED FUSED, OR UNFUSED, SAFETY SWITCHES, OF SUCH TYPE AND SIZE AS REQUIRED TO PROPERLY PROTECT OR DISCONNECT THE LOAD FOR WHICH THEY ARE INTENDED. THE OPERATING MECHANISM SHALL BE SO DESIGNED THAT THE SWITCHES MAY BE LOCKED IN THE "ON" OR "OFF" POSITIONS. WHERE "WEATHERPROOF" SAFETY SWITCHES ARE INDICATED OR REQUIRED, THESE SHALL BE AS SPECIFIED ABOVE EXCEPT ENCLOSURES SHALL BE NEMA III, RAINTIGHT.

4. MOTOR AND OTHER WIRING:

A. PROVIDE ALL REQUIRED CONDUIT, WIRING AND SAFETY SWITCHES FOR ALL MOTORS, AND ANY OTHER ELECTRICAL EQUIPMENT INSTALLED OR CONNECTED UNDER THIS DIVISION.

B. ALL MOTORS WILL BE FURNISHED AND SET UNDER OTHER DIVISION, THE WORK OF THIS DIVISION SHALL INCLUDE PROVIDING ALL CONNECTIONS SO AS TO BE COMPLETE.

C. ALL STARTING DEVICES, MOTOR CONTROLLERS, FLOAT SWITCHES, LEVEL SENSORS, ALARM DEVICES, REMOTE CONTROL PUSH BUTTONS, ETC., WILL BE FURNISHED BY THE VARIOUS CONTRACTORS, UNLESS OTHERWISE NOTED HEREIN. BUT THIS CONTRACTOR SHALL SET THESE DEVICES AND PROVIDE ALL CONNECTIONS.

D. FOR EACH THERMOSTAT (BY H.V.A.C.), PROVIDE 4" x 4" OUTLET BOX WITH 3/4" EMPTY CONDUIT STUBBED UP INTO CEILING AND BUSHED. PROVIDE STEEL DRAG WIRE FOR EACH LOCATION.

5. WIRING DEVICES:

A. COMPUTER RECEPTACLES AT CASH WRAP AREA SHALL BE HUBBELL #IG5262, COMPUTER GRADE WITH "ISOLATED" GROUND LUGS.

B. ALL WIRING DEVICES INSTALLED IN THIS BUILDING SHALL BE "SPECIFIED GRADE," MANUFACTURED BY ARROW, HART AND HEGEMAN, HUBBELL, GENERAL ELECTRIC, OR EQUIVALENT.

C. LOCAL SWITCHES SHALL BE TOGGLE TYPE, A.C. RATED 20 AMPERES, 125 VOLTS, QUIET-TYPE WITH SILENT OPERATING MECHANISM, TOTAL CLOSED IN A MOLDED COMPOSITION BASE. SWITCHES SHALL BE SINGLE POLE, THREE OR FOUR-WAY AS INDICATED. WHERE LOCK TYPE LOCAL SWITCHES ARE INDICATED, THESE SHALL BE SIMILAR TO ABOVE SPECIFICATION WITH KEY OPERATOR; PROVIDE TO OWNER TWO (2) KEYS FOR EACH SWITCH INSTALLED.

D. ALL RECEPTACLES INSTALLED IN THIS BUILDING SHALL BE OF THE GROUNDING TYPE, WITH GROUNDING PIN SLOT CONNECTED TO DEVICE GROUND SCREW FOR GROUND WIRE CONNECTION TO CONDUIT SYSTEM.

6. WIRES AND CABLES:

A. ALL WIRE FOR LIGHT AND POWER INSTALLATIONS SHALL BE HIGH CONDUCTIVITY COPPER, 600 VOLT INSULATED IN ACCORDANCE WITH THE NATIONAL BOARD OF FIRE UNDERWRITERS STANDARDS FOR TYPE "THW" WIRES, EXCEPT AS NOTED ON THE DRAWINGS OR OTHERWISE SPECIFIED HEREIN.

B. NO WIRE SHALL BE SMALLER THAN NO. 12 A.W.G.. ALL WIRES NO. 8 AND LARGER SHALL BE STRANDED.

C. WIRES SHALL BE COLOR CODED.

D. ALL WIRES SHALL BE POLARIZED.

E. CIRCUIT WORK BETWEEN OUTLET BOXES AND EACH RECESSED LIGHTING FIXTURE SHALL BE TYPE 'AF' WIRE.

F. HOME RUNS AND BRANCH WIRING FOR 120 VOLT CIRCUITS SHALL BE AS FOLLOWS:

LENGTH	HOME RUN WIRE SIZE	CIRCUIT WIRE SIZE
1' TO 50'	12	12
50' TO 100'	10	12
100' TO 150'	8	12

7. LIGHTING AND POWER PANELS:

A. PANELS SHALL BE CIRCUIT BREAKER TYPE INSTALLED IN CODE GAUGE GALVANIZED SHEET STEEL CABINETS, FLUSH OR SURFACE MOUNTED AS INDICATED ON THE DRAWINGS. THE PANEL SECTIONS SHALL BE MOUNTED AWAY FROM THE BACK OF THE CABINETS IN SUCH A MANNER THAT THERE WILL BE NO SPACE BETWEEN THE CABINET TRIMS AND FRAMES. THE GUTTER SPACES ON ALL SIDES, TOPS AND BOTTOMS SHALL BE OF SUFFICIENT SIZE TO PREVENT OVERCROWDING OF WIRES AND CABLES AND TO PROVIDE SUFFICIENT VENTILATION TO PREVENT OVERHEATING OF THE CIRCUIT BREAKERS. EACH CABINET SHALL BE COMPLETE WITH HINGED DOORS, CYLINDER LOCK, DIRECTORY FRAME AND NEATLY TYPED DIRECTORY CHARTS. ALL PANELS SHALL BE KEYED ALIKE. INSTALL AN ANGLE PIECE ON INSIDE OF EACH TRIM FOR EASE OF INSTALLATION.

B. THE BRANCH CIRCUIT BREAKERS, IN GENERAL, SHALL BE MOLDED CASE, BOLT-ON TYPE, RATED 10,000 AIC ON 120/208V, 100 AMPERE FRAME, THERMAL MAGNETIC TRIP SINGLE, TWO OR THREE POLE AS SHOWN ON THE DRAWINGS. ALL MULTIPLE POLE BREAKERS FOR PANELS WHERE INDICATED ON THE DRAWING SCHEDULES. MAIN BREAKER CHARACTERISTICS SHALL BE AS INDICATED ON THE DRAWINGS. MAIN BUSS WORK OF ALL PANELS SHALL, AS A MINIMUM, BE DESIGNED TO CARRY THE FULL RATING OF THE FEEDER SWITCH SUPPLYING THE PANEL, AT A CIRCUIT DENSITY OF 800 AMPERES PER SQUARE INCH OF CROSS SECTION. BUSS WORK SHALL BE HIGH CONDUCTIVITY COPPER (277 / 480V CIRCUIT BREAKERS SHALL BE RATED AT 14,000 A.I.C.).

C. PANEL SECTIONS SHALL BE SUCH THAT NO LIVE PARTS ARE EXPOSED AFTER INSTALLATION. THEY SHALL BE SO ARRANGED THAT EACH BREAKER IS READILY REMOVABLE FROM THE PANEL WITHOUT DISTURBING ADJACENT BREAKERS. ELECTRICAL CONTRACTOR TO PROVIDE TYPED BREAKER LIST.

D. PHASE LEGS SHALL BE ALTERNATELY BUSSED TO EACH CIRCUIT BREAKER IN A MANNER TO AFFECT BALANCING THE BRANCH CIRCUIT CONNECTIONS AS NEARLY AS POSSIBLE OVER EACH PHASE.

8. DRY TYPE TRANSFORMERS (IF NEW IS REQUIRED):

A. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A DRY TYPE AIR COOLED INDOOR POWER TRANSFORMER, AS RATED ON THE DRAWINGS AND HEREINAFTER SPECIFIED.

B. THE TRANSFORMER SHALL BE PROVIDED WITH SUITABLE VIBRATION DAMPERS. SAME TO BE PLACED BETWEEN THE CORE AND THE COILS OF THE ENCLOSURE.

C. THE TRANSFORMER SHALL HAVE CLASS 'H' INSULATION, AND THE WIRING TEMPERATURE RISE SHALL NOT EXCEED 150 DEGREES CELSIUS UNDER FULL LOAD IN AN AMBIENT TEMPERATURE OF 40 DEGREES CELSIUS.

D. THE TRANSFORMER ENCLOSURE SHALL BE PRIMED INSIDE AND OUT WITH A ZINC-COATED CHROMATE IRON OXIDE RUST INHIBITING PRIMER AND FINISHED ASAGI GRAY ENAMEL.

E. THE MAXIMUM ACCEPTABLE NOISE LEVEL SHALL NOT EXCEED THE FOLLOWING: 0 TO 150 kVA - 42 dB

9. LIGHTING FIXTURES:

A. ALL LIGHTING FIXTURES AND LAMPS SHALL BE SUPPLIED BY THE TENANT AND / OR TENANT'S LIGHT FIXTURE AND LAMP SUPPLIER UNLESS OTHERWISE NOTED, AND SHALL BE DELIVERED HANDLED, ASSEMBLED AND INSTALLED AT THE SITE BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE UNLOADING, STORAGE AND PROTECTION OF ALL ITEMS FOUND TO BE DEFECTIVE AND SHALL BE REPLACED BY THE ELECTRICAL CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

B. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL THE NECESSARY LABOR AND MATERIALS FOR THE COMPLETE INSTALLATION OF THE LIGHTING FIXTURES AS INDICATED ON THE DRAWINGS.

C. ALL FLUORESCENT AND INCANDESCENT LAMPS SHALL BE AS NOTED ON PLANS AND SPECIFICATIONS AND SHALL BE PROVIDED BY THE TENANT AND/OR TENANT'S LIGHT FIXTURE AND LAMP SUPPLIER AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

D. SEE ELECTRICAL DRAWING FOR LIGHTING FIXTURE DESCRIPTIONS.

III. SPECIFIC ELECTRICAL SPECIFICATIONS

1. SEE ELECTRICAL DRAWINGS - LANDLORD'S CRITERIA: THE ELECTRICAL CONTRACTOR IS TO BECOME FAMILIARIZED WITH LANDLORD'S CRITERIA FOR THIS LOCATION AND INCLUDE ANY WORK REQUIRED OF THIS CRITERIA, WHICH IS NOT SPECIFICALLY NOTED IN THESE DRAWINGS AND SPECIFICATIONS.

IV. TELEPHONE

1. PROVIDE 3/4" EMT IN WALLS WITH DRAG STRING AT EACH LOCATION.

V. MISCELLANEOUS

1. ALUMINUM WIRE IS STRICTLY PROHIBITED FOR THIS PROJECT.

2. DURING DEMOLITION, ANY ELECTRICAL EQUIPMENT, FIXTURE SYSTEMS, CONDUIT AND WIRE ARE TO BE REMOVED AS NOTED AND NOT REUSED. THIS UNUSED EQUIPMENT, FIXTURE SYSTEMS, CONDUIT, AND WIRE MAY NOT BE ABANDONED AND LEFT WITHIN THE SPACE. THEY MUST BE REMOVED TO AN APPROVED DISPOSAL SITE.

11-02-2018 RM

GENERAL MEP NOTES:

1. CONTRACTOR TO COMPLY WITH BUILDING / LANDLORD CRITERIA, DESIGN CRITERIA, STANDARD PRACTICES AND LOCAL CODE / ORDINANCE REQUIREMENTS WHEN COMMENCING WORK. THESE REQUIREMENTS SHALL SUPERSEDE ANY AND ALL INFORMATION ON THE DRAWINGS UNLESS AGREEMENT TO THE CONTRARY DURING THE BID PROCESS WHEREAS THE CLIENT WILL BE EXCLUDED FROM INCURRING ANY ADDITIONAL COSTS. THE GENERAL CONTRACTOR SHALL OVERSEE THE EXECUTION AND COMPLETION OF THESE ITEMS ALSO AT NO ADDITIONAL COST TO THE CLIENT. ANY DISCREPANCIES OR INCONSISTENCIES CONCERNING THESE REQUIREMENTS AFTER THE PROJECT IS AWARDED SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OWNER AND TENANT FOR APPROVAL PRIOR TO COMMENCING WORK. ANY UPGRADES TO THE DESIGN / SCOPE OF WORK TO CONFORM TO THE PRECEDING REQUIREMENTS AT THIS JUNCTURE WILL THEN BE AT THE TENANT'S EXPENSE.

2. SINCE CODES VARY ACROSS REGIONS, IT IS THE GENERAL AND SUBCONTRACTOR'S RESPONSIBILITY TO REVIEW THE CONSTRUCTION DRAWINGS DURING BIDDING AND INCLUDE IN THEIR BID ANY ALTERNATE CODE RELATED RECOMMENDATIONS / DETAILS OR SPECIFICATIONS. IF THERE ARE ANY PROPOSED ALTERATION EQUIPMENT / INSTALLATION CHANGES, THEN THE COSTS FOR THESE CHANGES ARE TO BE EQUAL TO OR GREATER IN VALUE TO THE ITEMS AND QUANTITIES MENTIONED IN THE ORIGINAL CONSTRUCTION DRAWINGS AND THE CHANGES SHALL BE SUBMITTED TO THE ARCHITECT / ENGINEER FOR REVIEW AND APPROVAL. CONTRACTORS WHO DO NOT ADHERE TO THIS REQUIREMENT WILL BE RESPONSIBLE FOR INCURRING THE ADDED COSTS REQUIRED FOR THE DESIGN TO COMPLY WITH LOCAL CODE.

3. THE CONTRACTOR, IN REGARDS TO ANY SAWCUTTING, COREDRILLING OR ANY PENETRATING OF A CONCRETE SLAB, FLOOR AND/OR ROOF, IS REQUIRED TO SURVEY DURING BIDDING TO DETERMINE ANY ISSUES, INCLUDING BUT NOT LIMITED TO, NECESSITY OF X-RAYING OF A CONCRETE SLAB, WHERE SUCH MATERIAL BEING PENETRATED IS NOT PROJECTED AND/OR ROUTED INTO A SPACE(S) THAT CREATES A NON-CODE COMPLIANT CONDITION, THE NEED FOR WEATHERSTRIPPING, WATERPROOFING OR OTHER CONDITION AND TO NOTIFY THE OWNER IF A PROBLEM(S) MAY EXIST AND TO INCLUDE COSTS TO SOLVE THE ISSUE UNCOVERED, IN ADDITION TO, NOTIFYING THE ARCHITECT OF RECORD REGARDING SUCH ISSUE(S).

4. THE GENERAL CONTRACTOR IS RESPONSIBLE AT THE BEGINNING OF THE PROJECT TO MEASURE THE SPACE WHILE REVIEWING THE ARCHITECT'S DRAWINGS TO VERIFY THAT THE INFORMATION CONTAINED IN THE **ELECTRICAL** DOCUMENTS, ON WHICH HE/SHE QUOTED TO THE CLIENT, ARE COMPATIBLE WITH THE WORK TO BE PERFORMED AND THAT ALL SPACES ARE SUFFICIENT IN SIZE FOR THE WORK TO BE COMPLETED INCLUDING WIDTHS, LENGTHS, HEIGHTS, ETC.

5. FOR THOSE CLIENTS FOR WHOM THEY REQUEST AND WE HAVE SPECIFIED LED FIXTURES/LAMPS, THE CLIENT IS CLIENT RESPONSIBLE TO ENSURE THAT ONLY COMPATIBLE LAMPS MANUFACTURED FOR THE LED LIGHT FIXTURES IN THIS SPACE ARE INSTALLED AT A LATER DATE AS POSSIBLE REPLACEMENT LAMPS. THE USE OF ANY UNAPPROVED OR NON-CONFORMING LAMPS FOR SUCH FIXTURES IS NOT RECOMMENDED AS IT COULD LEAD TO FIRE HAZARDS OR A LOSS OF WARRANTY.

6. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CHANGES TO APPLICATIONS NOT CONSISTENT WITH CONTRACT DOCUMENTS IN ALL CASES, INCLUDING "SELF-CERTIFICATION" BY THE ARCHITECT.

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ENGINEER OF RECORD:

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THE GENERAL CONTRACTOR AND/OR ALL SUB-CONTRACTORS WORKING FROM THESE PLANS AND SPECIFICATIONS ARE NOT TO SCALE SUCH INFORMATION BUT TO CONTACT THE ARCHITECT OR HIS REPRESENTATIVE REGARDING MEASUREMENTS, IF SUCH MEASUREMENTS DO NOT APPEAR CORRECT, ADD UP PROPERLY OR SCALE CORRECTLY TO THE INDICATED SIZE.

DATE:	ISSUE:
08.29.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE: NO.: REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055

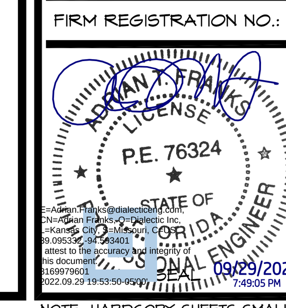
PROJECT NO.: 220392	DRAWN BY: HEE
SCALE: AS NOTED	CHECKED BY: ELS
DATE: 10.03.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: ATF

DIALECTIC ENGINEERING

DRAWING NAME: ELECTRICAL SPECIFICATIONS & LEGEND

DRAWING NO.: E0.1

FIRM REGISTRATION NO.:

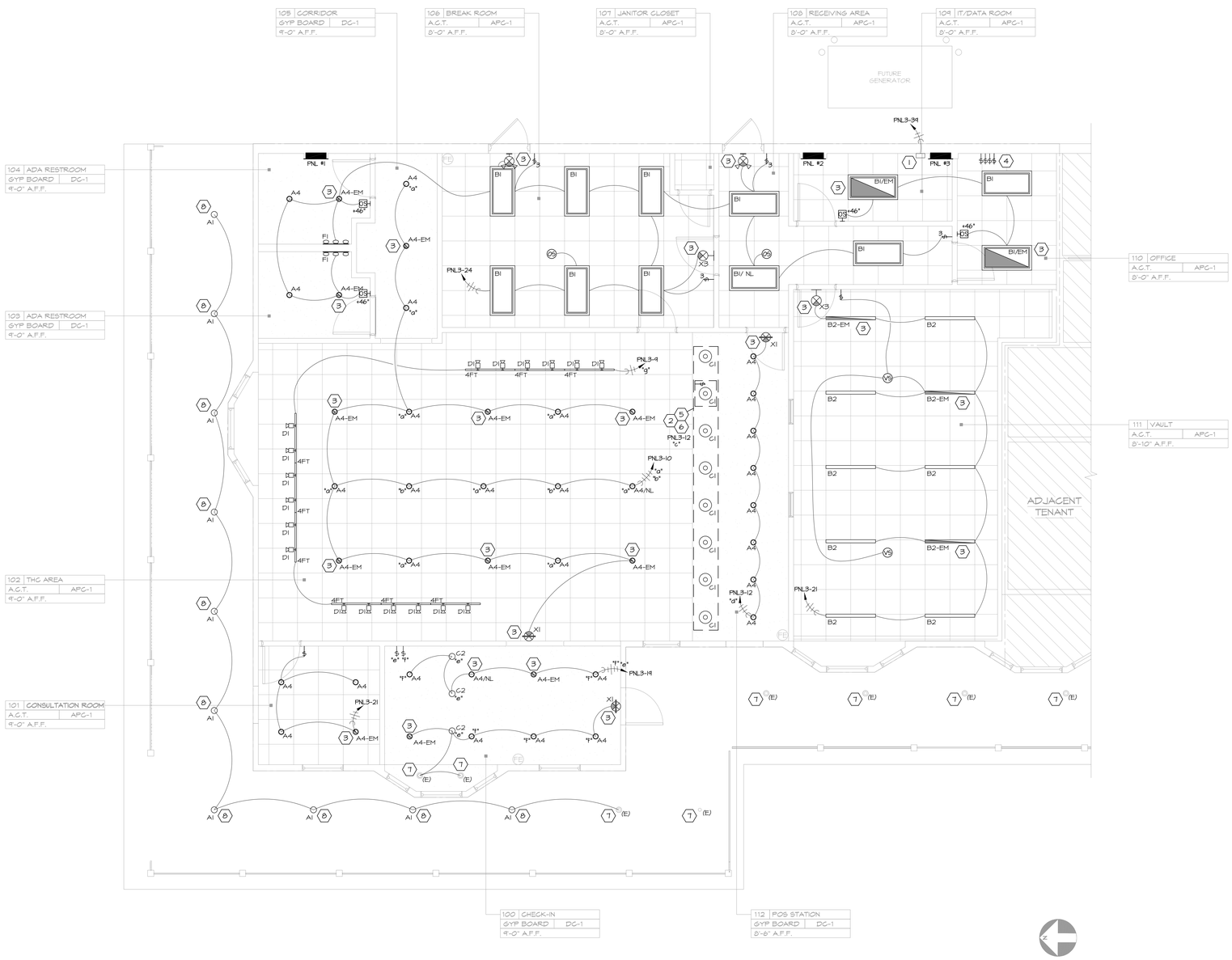


THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY ADRIAN FRANKS, PE ON THE DATE AND/OR TIME STAMP SHOWN USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED BY A 3RD PARTY CERTIFICATE AUTHORITY ON ANY ELECTRONIC COPY. FAC 61G15-23.004

SEAL

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED



THE GENERAL CONTRACTOR IS RESPONSIBLE AT THE BEGINNING OF THE PROJECT TO MEASURE THE SPACE WHILE REVIEWING THE ARCHITECT'S DRAWINGS TO VERIFY THAT THE INFORMATION CONTAINED IN THE **ELECTRICAL** DOCUMENTS, ON WHICH HE/SHE QUOTED TO THE CLIENT, ARE COMPATIBLE WITH THE WORK TO BE PERFORMED AND THAT ALL SPACES ARE SUFFICIENT IN SIZE FOR THE WORK TO BE COMPLETED INCLUDING WIDTHS, LENGTHS, HEIGHTS, ETC.

1 ELECTRICAL LIGHTING PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

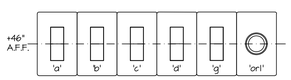
1. THE CONTRACTOR FOR THIS WORK IS REQUIRED TO READ THE SPECIFICATIONS AND REVIEW DRAWINGS OF ALL DIVISIONS OF WORK AND IS RESPONSIBLE FOR THE COORDINATION OF THIS WORK AND THE WORK OF ALL SUBCONTRACTORS WITH ALL DIVISIONS OF WORK. IT IS THIS CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL SUBCONTRACTORS WITH A COMPLETE SET OF BID DOCUMENTS.
2. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION AND QUANTITY OF LIGHTING FIXTURES.
3. ELECTRICAL CONTRACTOR'S BID SHALL INCLUDE INSTALLATION OF ALL LIGHT FIXTURES AND ASSOCIATED LAMPS. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO ENSURE THE ADJUSTABILITY OF ALL DIRECTIONAL FIXTURES AFTER INSTALLATION AND AIM THEM. LIGHT FIXTURE SPECIFICATIONS MAY VARY.
4. EMERGENCY AND EXIT LIGHTS SHALL BE INSTALLED AND CIRCUITED PER THE LATEST NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES. ALL EMERGENCY AND EXIT FIXTURES SHALL BE DUAL VOLTAGE (120/277 VOLT INPUT) WITH BATTERY BACKUP.
5. ALL LIGHTING CIRCUITS UP TO 100'-0" IN LENGTH SHALL UTILIZE #12 CONDUCTORS MINIMUM. ALL LIGHTING CIRCUITS FROM 101'-0" TO 150'-0" IN LENGTH SHALL UTILIZE #10 CONDUCTORS MINIMUM. ALL LIGHTING CIRCUITS 151'-0" UP TO 250'-0" IN LENGTH SHALL UTILIZE #8 CONDUCTORS MINIMUM. CIRCUITS ABOVE 251'-0" SHALL UTILIZE #6 CONDUCTORS MINIMUM.
6. ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS AS REQUIRED FOR A FULLY COMPLETE AND OPERABLE SYSTEM.
7. IT IS THE G.C. RESPONSIBILITY TO ENSURE ALL WIRING IS PLENUM RATED OR IN CONDUIT AS PER LOCAL CODE. NO ROMEX BX, OR MC CABLE PERMITTED.
8. G.C. TO COORDINATE WITH ALL LOW VOLTAGE VENDORS, INCLUDING, SPEAKERS, PRIOR TO INSTALLATION.
9. ALL WIRING SHALL BE IN CONDUIT E.M.T OR RIGID FLEXIBLE CONDUIT MAY ONLY BE USED FOR FINAL CONNECTIONS FROM OUTLET BOXES TO LIGHT FIXTURES, MOTORS, APPLIANCES, ETC., MAX LENGTH 6 FEET, NO BC, ROMEX, ARMORED CABLE, ETC., ALLOWED

LIGHTING SCHEDULE

TAG	SYMBOL	DESCRIPTION	MFR / MODEL / FINISH	LAMP
A1		RECESSED DOWNLIGHT - DIMMABLE	LITHONIA, 6" LED (LDN6), (C) CLEAR REFLECTOR, (SFW) SELF-WHITE TRIM	13.5W
A4		4" RECESSED LED DOWNLIGHT	ELITE, #HH4-LED-3000L-DIMIO-MVOLT-WD-35K-90 #HH4-450I-W-WH, WHITE	32 WATTS 120 VOLTS
A4-EM		4" RECESSED LED DOWNLIGHT	ELITE, #HH4-LED-3000L-DIMIO-MVOLT-WD-35K-90-EMS-LED-10W, #HH4-450I-W-WH, WHITE	32 WATTS 120 VOLTS
B1		2X4 LAY-IN LED FIXTURE	CREE, C-LITE LED FLAT PANEL, #C-TR-C-FP24-62L-35K-WH, WHITE	53 WATTS 120 VOLTS
B1-EM		2X4 LAY-IN LED FIXTURE	CREE, C-LITE LED FLAT PANEL, #C-TR-C-FP24-62L-35K-WH-EB, WHITE	53 WATTS 120 VOLTS
B2		4FT LINEAR LED STRIP, DIMMABLE	MERCURY, #LSA-4-4000-35K-HTA-U55-UNI, WHITE	33 WATTS 120 VOLTS
B2-EM		4FT LINEAR LED STRIP, DIMMABLE	MERCURY, #LSA-4-4000-35K-HTA-U55-UNI- BSL3102NM, WHITE	33 WATTS 120 VOLTS
C1		NEW PENDANT LIGHT FIXTURE [AT TELLER STATION]	SEAGULL LIGHTING, #6022EN3- 15, LAMP, TCP, #21946 TCP FA19D4027EW, WHITE	4 WATT, A19 MEDIUM BASE LED LAMP 2700K FROSTED GLASS
C2		NEW PENDANT LIGHT FIXTURE [AT SECURITY CHECK-IN]	SCHOOLHOUSE ELECTRIC, RAY 6" PENDANT, G16 FROSTED LED BULB, WHITE W/ WHITE CORD	5 WATTS 120 VOLTS
D1		SINGLE CIRCUIT LINE VOLTAGE TRACK AND DIE CAST CYLINDER TRACKHEAD	TRACK HEAD: LF ILLUMINATION, LFTX SERIES, #TXA01-B-J-13C-92-30-D1-1-WW, WHITE TRACK: CONTECH, #LT-PER PLAN-P	PER TRACK HEAD: 13 WATTS 120 VOLTS
F1		NEW SCONCE [AT ADA RESTROOMS]	RBW PASTILLE 3 VANITY SCONCES PAS-3V-RRR-PC20-27-120-TR-LINE-1 P20	22 WATTS 591LM/W 90 CRI
X1	WALL MOUNT	LED EXIT SIGN - SINGLE FACE [FRONT OF HOUSE]	CONTECH LIGHTING, #REXA-SF-R-EM-P, WHITE WITH RED LETTERS	-
X2	CEILING MOUNT	LED EXIT SIGN - DOUBLE FACE [FRONT OF HOUSE]	CONTECH LIGHTING #REXA-DF-R-EM-W-P, WHITE WITH RED LETTERS FACEPLATE TO BE CLEAR ACRYLIC WITH WHITE BACKGROUND	-
X3		LED EXIT SIGN [BACK OF HOUSE]	ELITE LIGHTING, MAXILUME ARCHITECTURAL, #ELX-603-R-W, WHITE WITH RED LETTERS	-
--		LED EXIT SIGN - EXIT & EMERGENCY THERMOPLASTIC COMBO END/ CEILING MOUNT	CLI, CLI-NAHARCG UNIVERSAL SINGLE, (W) WHITE HOUSING, RED LETTERS	
--	OS	CEILING MOUNTED OCCUPANCY SENSOR	WATTSTOPPER, #P-100 WITH INTERNAL MANUAL OVERRIDE SWITCH, WHITE	--
--	VS	VACANCY SENSOR	CEILING MOUNTED WATTSTOPPER LMDC-100	
--	WIFI	CISCO MR33 WIFI ACCESS POINT	SPEC TO BE PROVIDED BY CLIENT'S VENDOR	
--	SP	SPEAKER	SPEC TO BE PROVIDED BY CLIENT'S VENDOR	
--		LIGHT SWITCH	WATTSTOPPER LMDM-101 DIGITAL DIMMER SWITCH	

NOTE:
1. ALL LIGHT FIXTURES TO BE UL LISTED
2. TRACK LIMITED ARE TO BE SUPPLIED BY G.C. AS REQUIRED BY CODE
3. EXISTING LIGHT FIXTURES TO REMAIN ARE DESIGNATED WITH "E"
4. DESIGNATED NIGHT LIGHT SHOWN ON PLANS WITH "NL"
5. EXIT SIGNS TO INCLUDE BATTERY BACKUP

MASTER SWITCHBANK



'a,b,c,d,g' - SINGLE POLE SWITCHES CONTROLLING SALES LIGHTING

'or1' - OVERRIDE BYPASS SWITCH FOR AUTOMATIC SHUT-OFF LEVITON WITH 2-HR MAX OVERRIDE TIME FUNCTION OR APPD. EQUAL.

- SEE LIGHTING CONTROL DIAGRAM FOR SWITCH LIGHTING DESIGNATION ON E3.1
- G.C. TO PROPERLY LABEL EACH SWITCHES PROPER LIGHTING DESCRIPTION.

KEY NOTES

1. PROVIDE TIMECLOCK AND CONTACTORS FOR GENERAL LIGHTING CONTROLS.
2. COORDINATE EXACT MOUNTING LOCATIONS AND HEIGHTS WITH ARCHITECTURAL AND MILLWORK SHOP DRAWINGS.
3. PROVIDE CONSTANT HOT CONDUCTOR AHEAD OF ANY LIGHTING CONTROLS TO ALL EMERGENCY/EXIT LIGHTS.
4. PROVIDE MANUAL OVER-RIDE SWITCH FOR AFTER HOURS CONTROL OF LIGHT FIXTURES ON LIGHTING CONTROL PANEL. SEE MASTER SWITCHBANK DETAIL.
5. PROVIDE INDIVIDUAL LUTRON WIRELESS POWERPACK AND WIRELESS ON/OFF SWITCH PER POS STATION.
6. PROVIDE ONE MASTER ZONE FOR ALL POS STATIONS ON LIGHTING CONTROL SYSTEM.
7. EXISTING LIGHT FIXTURE TO REMAIN. CONNECT TO NEW LIGHTING CONTROLS AND CIRCUIT IN THE AREA.
8. NEW EXTERIOR LIGHT FIXTURE. CONNECT TO NEW LIGHTING CONTROLS AND CIRCUIT IN THE AREA.

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DATE:	ISSUE:
08.29.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION:
2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: HEE
SCALE: AS NOTED	CHECKED BY: ELS
DATE: 10.03.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: ATF

DIALECTIC ENGINEERING

DRAWING NAME:
ELECTRICAL LIGHTING PLAN

DRAWING NO.:
E1.1

FIRM REGISTRATION NO.:

ADRIAN T. FRANKS
LICENSED
P.E. 76324
STATE OF FLORIDA
PROFESSIONAL ENGINEER
10/03/2022 7:45:09 PM
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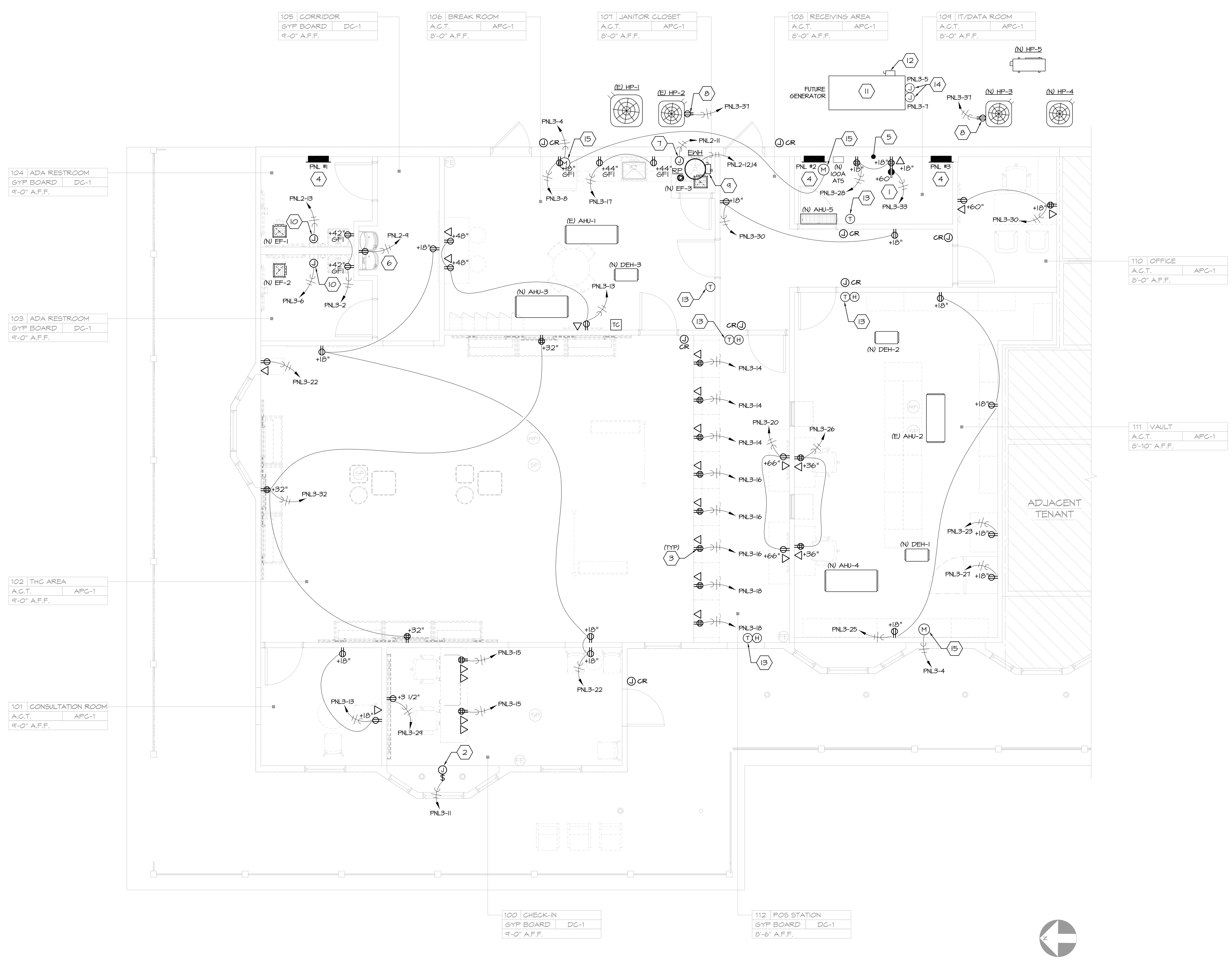
DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED



THE GENERAL CONTRACTOR IS RESPONSIBLE AT THE BEGINNING OF THE PROJECT TO MEASURE THE SPACE WHILE REVIEWING THE ARCHITECT'S DRAWINGS TO VERIFY THAT THE INFORMATION CONTAINED IN THE ELECTRICAL DOCUMENTS, ON WHICH HE/SHE QUOTED TO THE CLIENT, ARE COMPATIBLE WITH THE WORK TO BE PERFORMED AND THAT ALL SPACES ARE SUFFICIENT IN SIZE FOR THE WORK TO BE COMPLETED INCLUDING WIDTHS, LENGTHS, HEIGHTS, ETC.

1 ELECTRICAL POWER PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION ON ELECTRICAL REQUIREMENTS.
2. ELECTRICAL CONTRACTOR TO VERIFY IF SERVICE PROVIDED IS ADEQUATE. IF NOT, G.C. TO NOTIFY ARCHITECT IMMEDIATELY.
3. ALL OUTLETS SHALL BE INSTALLED AS DIMENSIONED ON THIS PLAN. ANY DISCREPANCIES AS TO LOCATION BETWEEN PLAN AND EXISTING FIELD CONDITIONS SHALL BE CLARIFIED WITH THE ARCHITECT BEFORE COMMENCEMENT OF WORK.
4. ALL ELECTRICAL AND TELEPHONE WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE ELECTRICAL CODE, NATIONAL BOARD OF FIRE UNDERWRITERS, PUBLIC UTILITIES COMPANY, TELEPHONE COMPANY, AND ALL OTHER AUTHORITIES HAVING JURISDICTION.
5. ALL COVERPLATES AND DEVICES (TELEPHONE, DATA, ELECTRIC, SWITCH) SHALL BE A COLOR THAT MATCHES ADJACENT WALL FINISHES. PROVIDE LUTRON WHITE RECEPTACLES IN VERTICAL ORIENTATION IN SALES AREA. RECEPTACLES IN VERTICAL ORIENTATION TO BE BLACK IN WINDOW DISPLAYS. VERIFY ALL FINISHES WITH COACH DESIGNER, PRIOR TO ORDER & INSTALLATION.
6. THE GENERAL CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING OF ALL CHASES IN FLOOR, WALLS, AND CEILING AS REQUIRED.
7. ALL ELECTRICAL, TELEPHONE, AND DATA OUTLETS ARE TO BE MOUNTED 15" AFF TO BOTTOM OF BOX, U.N.O. CENTERLINE TO CENTERLINE DIMENSIONS OF ANY OUTLET PAIR OR GROUP SHALL NOT EXCEED 6", U.N.O.
8. ALL WHIPS AS INDICATED FOR DISPLAY FIXTURES SHALL NOT BE VISIBLE FROM THE STORE.
9. ALL BOXES, CONDUITS, AND WIRING MUST BE COMPLETELY HIDDEN.
10. COORDINATE APPROXIMATE LOCATION OF WHIPS WITH MILLWORKER IN FIELD PRIOR TO INSTALLATION.
11. "SUPPLIED BY OWNER" VENDORS TO COORDINATE AND HIRE G.C.'S ELECTRICIAN TO INSTALL LOW VOLTAGE CONDUIT WHERE REQUIRED BY CODE FOR THE INSTALLATION OF THEIR EQUIPMENT.

POWER LEGEND

SYMBOL	DESCRIPTION
	DUPLEX
GFI	GFI DUPLEX
	QUADRUPLEX
	DEDICATED DUPLEX
CLG	CEILING-MOUNTED RECEPTACLE
J	JUNCTION BOX
▽	DATA OUTLET
▼	TELEPHONE OUTLET
	TELEPHONE/DATA OUTLET
TC	EMPLOYEE TIME CLOCK
T	THERMOSTAT
CR J	CARD READER POWER SUPPLY
V	VOLUME CONTROLS

KEY NOTES

1	PROVIDE (2) #10 + (1) #10 GND, IN A 3/4" CONDUIT TO SPECIAL NEMA L5-30 RECEPTACLE ON DEDICATED CIRCUIT. COORDINATE EXACT LOCATION WITH OWNER'S IT VENDOR.
2	PROVIDE WEATHERPROOF JUNCTION BOX AND 1P/2P, 30A TOGGLE SWITCH IN AN ACCESSIBLE AREA FOR EXTERIOR SIGNAGE. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
3	COORDINATE EXACT MOUNTING LOCATIONS AND HEIGHTS WITH ARCHITECTURAL AND MILLWORK SHOP DRAWINGS. POWER COMES FROM WALL TO POS.
4	SEE SHEET E3.1 FOR ADDITIONAL INFORMATION ABOUT ELECTRICAL EQUIPMENT. COORDINATE FINAL LOCATION OF EQUIPMENT WITH OWNER.
5	TELEPHONE/INTERNET SERVICE IS STUBBED INTO SPACE EXTEND CONDUIT TO IT ROOM AND COORDINATE FINAL LOCATION WITH OWNER.
6	PROVIDE POWER TO ELECTRIC WATER COOLER. COORDINATE EXACT REQUIREMENTS WITH PLUMBING CONTRACTOR. ENSURE RECEPTACLE IS LOCATED BEHIND EQUIPMENT SHROUD.
7	RECEPTACLE FOR RE-CIRC PUMP. VERIFY MOUNTING HEIGHT AND LOCATION WITH PLUMBING CONTRACTOR. RE-CIRC PUMP CIRCUIT TO BE ROUTED THROUGH CONTACTOR AND TO BE ON DURING OCCUPIED HOURS.
8	PROVIDE MAINTENANCE RECEPTACLE ON HP UNIT.
9	DISCONNECT SWITCH FOR ELECTRIC WATER HEATER.
10	J-BOX FOR HAND DRYERS. VERIFY EXACT ELECTRICAL REQUIREMENTS IN FIELD PRIOR TO BID.
11	GENERATOR SHOWN FOR REFERENCE ONLY. COORDINATE EXACT LOCATION WITH ARCHITECT AND LANDLORD.
12	NEW 100 AMP WP DISCONNECT SWITCH FOR GENERATOR TO FEED NEW 100 AMP AUTOMATIC TRANSFER SWITCH (ATS).
13	NEW THERMOSTAT REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION.
14	PROVIDE POWER FOR GENERATOR BLOCK HEATER AND BATTERY CHARGER.
15	NEW ELECTRICALLY OPERATED DAMPER. CONFIRM ALL REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-N. CIRCUIT AS SHOWN.

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DATE:	ISSUE:
08.29.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE: NO.: REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: HEE
SCALE: AS NOTED	CHECKED BY: ELS
DATE: 10.03.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: ATF

DIALECTIC ENGINEERING

DRAWING NAME: ELECTRICAL POWER PLAN

DRAWING NO.: E2.1

FIRM REGISTRATION NO.:

ADRIAN T. FRANKS LICENSE P.E. 76324 STATE OF FLORIDA PROFESSIONAL ENGINEER
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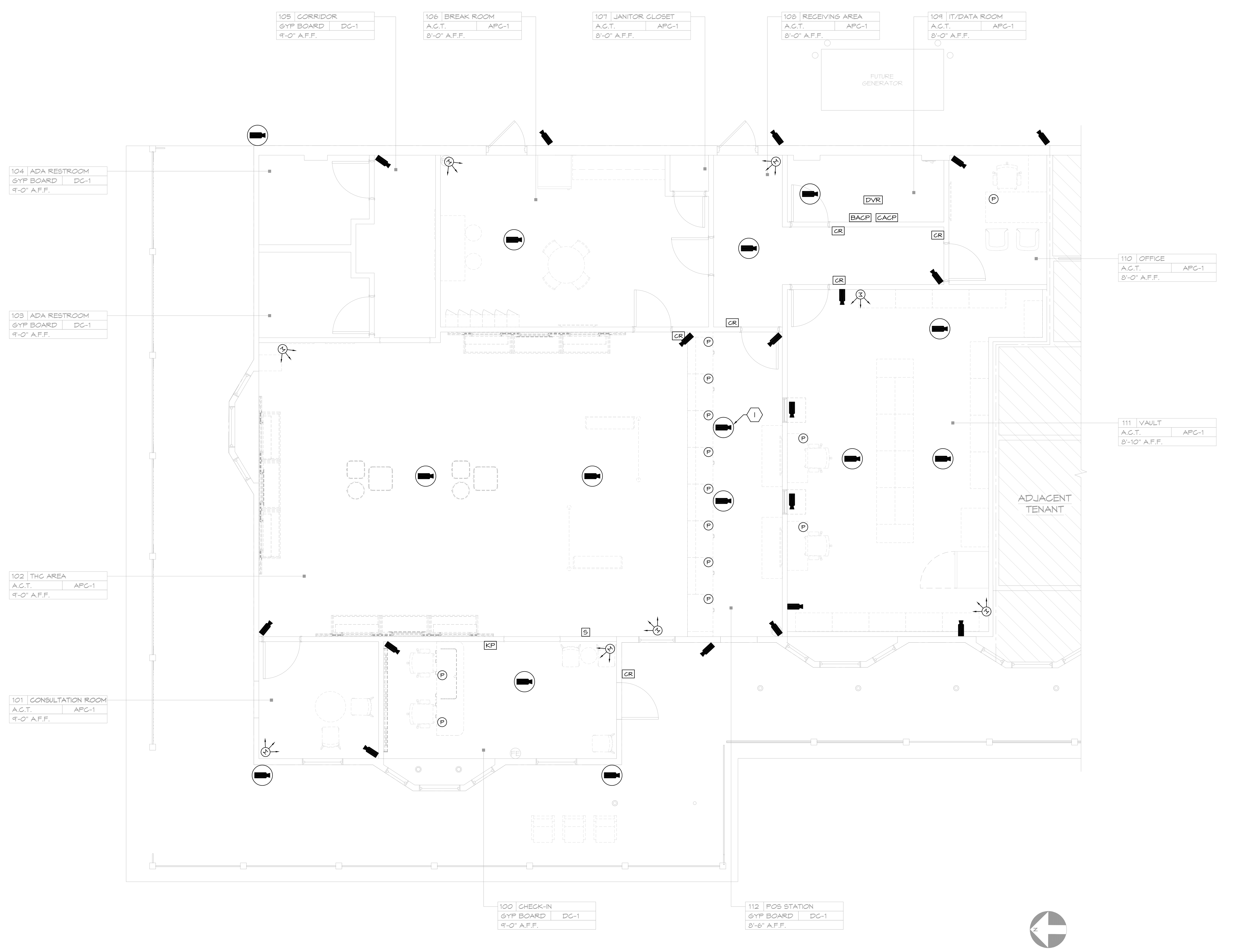
DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED



NOTE:
SECURITY PLAN IS FOR REFERENCE ONLY. GC TO COORDINATE WITH OWNER AND OWNER'S SECURITY VENDOR PRIOR TO CONSTRUCTION.

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

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
DVR	NVR SERVER	DC	DOOR CONTACT
(fixed lens camera symbol)	FIXED LENS CAMERA TO BE WALL MOUNTED 9'-0" A.F.F. U.N.O.	M	MOTION DETECTOR TO BE MOUNTED AT 8'-0" A.F.F.
(360 degree camera symbol)	360 DEGREE CAMERA TO BE PENDANT MOUNTED 9'-0" A.F.F. U.N.O.	G	PANIC BUTTON
(180 degree camera symbol)	180 DEGREE CAMERA	P	HOLD UP BUTTON
		GW	GLASS BREAK DETECTOR TO BE MOUNTED TO CEILING U.N.O.
CACP	ACCESS CONTROL PANEL	KP	KEYPAD TO BE MOUNTED 60" ON CENTER A.F.F.
CR	CARD READER TO BE MOUNTED 42" ON CENTER A.F.F.	S	SIREN
R	DOOR RELEASE BUTTON	I	INTERCOM SYSTEM
BACP	SECURITY PANEL	I M	INTERCOM MONITOR

KEY NOTES

1. CAMERA TO BE PENDANT MOUNTED ABOUT 6'-0" A.F.F. DIRECTLY ABOVE THE POS TERMINAL. LOCATION TO BE ADJUSTED ACCORDINGLY TO THE SCHEDULED PENDANT LIGHT FIXTURES. SECURITY VENDOR TO COORDINATE IN FIELD WITH G.C. PRIOR TO INSTALLATION OF SECURITY CAMERA

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DATE:	ISSUE:
08.29.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE: NO.: REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION:
2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: HEE
SCALE: AS NOTED	CHECKED BY: ELS
DATE: 10.03.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: ATF

DIALECTIC ENGINEERING

DRAWING NAME: ELECTRICAL SECURITY PLAN & LEGEND

DRAWING NO.: E2.2

FIRM REGISTRATION NO.:

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I attest to the accuracy and integrity of this document.
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DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

PANEL: 1 (EXISTING) — LOCATION: 104: ADA RESTROOM — NEMA ENCLOSURE: EXISTING
SYSTEM: 240/120V., 1P.3W — MAINS: 100A MCB — CABINET MOUNTING: RECESSED
FEEDER: SEE RISER DIAGRAM — LUGS: EXISTING
OPTIONS: — AIC RATING: EXISTING

LOAD DESCRIPTION	BKR SIZE	BKR POLE	NOTE	WATTS	CCT NO.	PHASE	CCT NO.	WATTS	NOTE	BKR POLE	BKR SIZE	LOAD DESCRIPTION
MAIN DISCONNECT	*100*	*2*	*EX*		*1*	A	**2**	**2,340**	**HACR**	**2**	**40**	**HP-4**
					3	C	**4**	**2,340**				
AHU-4	**50**	**2**	**HACR**	**4,492**	**5**	A	**6**			**1**		**SPACE**
				4,492	**7**	C	**8**			**1**		**SPACE**
SPACE		**1**			**9**	A	**10**	**1,896**	**HACR**	**2**	**30**	**HP-X1**
QUAD RCPT	*20*	*1*	*EX*	*360*	*11*	C	**12**	**1,896**				
SPACE		**1**			**13**	A	**14**	**2,836**	**HACR**	**2**	**30**	**AHU-X1**
SPACE		**1**			**15**	C	**16**	**2,836**				
SPACE		**1**			**17**	A	**18**			**1**	**20**	**SPARE**

PHASE A : 11,564 W — CONNECTED 23,488 W 98 A — DEMAND 23,902 W 100 A
PHASE C : 11,924 W

Y:_Projects\Active\2022\01202214.14\01202214.14 Calcs and Support\01202214.14 MEP Co

PANEL: 2 (EXISTING) — LOCATION: 109: IT / DATA RM — NEMA ENCLOSURE: EXISTING
SYSTEM: 240/120V., 1P.3W — MAINS: 100A MCB — CABINET MOUNTING: RECESSED
FEEDER: SEE RISER DIAGRAM — LUGS: EXISTING
OPTIONS: — AIC RATING: EXISTING

LOAD DESCRIPTION	BKR SIZE	BKR POLE	NOTE	WATTS	CCT NO.	PHASE	CCT NO.	WATTS	NOTE	BKR POLE	BKR SIZE	LOAD DESCRIPTION
MAIN DISCONNECT	*100*	*2*	*EX*		*1*	A	**2**	**1,380**	**HACR**	**2**	**25**	**HP-X2**
					3	C	**4**	**1,380**				
SPARE	*20*	*1*			*5*	A	**6**	**144**	**HACR**	**2**	**15**	**AHU-X2**
SPARE	*20*	*1*			*7*	C	**8**	**144**				
PF-4 (DRINKING FOUNTAIN)	**20**	**1**	**N/G**	**370**	**9**	A	*10*	*180*	*EX*	*1*	*20*	*RCPT UNDER PANEL*
RECIRC PUMP	**20**	**1**	**LOC**	**180**	**11**	C	**12**	**2,250**	**N**	**2**	**20**	**EWH**
RESTROOM HAND DRYER	**20**	**1**	**N**	**1,000**	**13**	A	**14**	**2,250**				
AHU-3	**50**	**2**	**HACR**	**4,492**	**15**	C	**16**	**2,340**	**HACR**	**2**	**40**	**HP-3**
				4,492	**17**	A	**18**	**2,340**				

PHASE A : 12,156 W — CONNECTED 22,942 W 96 A — DEMAND 23,260 W 97 A
PHASE C : 10,786 W

Y:_Projects\Active\2022\01202214.14\01202214.14 Calcs and Support\01202214.14 MEP Co

PANEL: 3 (NEW) — LOCATION: 109: IT / DATA RM — NEMA ENCLOSURE: 1
SYSTEM: 240/120V., 1P.3W — MAINS: 100A MCB — CABINET MOUNTING: RECESSED
FEEDER: SEE RISER DIAGRAM — LUGS: FIELD VERIFY
OPTIONS: — AIC RATING: FIELD VERIFY

LOAD DESCRIPTION	BKR SIZE	BKR POLE	NOTE	WATTS	CCT NO.	PHASE	CCT NO.	WATTS	NOTE	BKR POLE	BKR SIZE	LOAD DESCRIPTION
MAIN DISCONNECT	*100*	*2*			*1*	A	**2**	**360**	**N/G**	**1**	**20**	**RESTROOM GFCI RCPTS**
					3	C	**4**	**180**	**N**	**1**	**20**	**MOTORIZED DAMPERS**
GENERATOR BATTERY TENDER	**20**	**1**	**LOC**	**1,000**	**5**	A	**6**	**1,000**	**N**	**1**	**20**	**RESTROOM HAND DRYER**
GENERATOR BLOCK HEATER	**20**	**1**	**LOC**	**1,000**	**7**	C	**8**	**500**	**N/G**	**1**	**20**	**BREAK ROOM FRIDGE**
TRACK LIGHTING	**20**	**1**	**N/C2**	**234**	**9**	A	**10**	**581**	**N/C2**	**1**	**20**	**THC AREA LTS**
STOREFRONT SIGN	**20**	**1**	**N/C1**	**1,200**	**11**	C	**12**	**293**	**N/C2**	**1**	**20**	**POS STATION LTS**
CONSULTING RW/BREAK RM RCPTS	**20**	**1**	**N**	**900**	**13**	A	**14**	**1,080**	**N**	**1**	**20**	**SERVICE COUNTER RCPT**
CHECK-IN RCPTS	**20**	**1**	**N**	**720**	**15**	C	**16**	**1,080**	**N**	**1**	**20**	**SERVICE COUNTER RCPT**
BREAK ROOM GFCI RCPTS	**20**	**1**	**N/G**	**360**	**17**	A	**18**	**720**	**N**	**1**	**20**	**SERVICE COUNTER RCPT**
CHECK-IN LTS	**20**	**1**	**N/C2**	**279**	**19**	C	**20**	**360**	**N/C2**	**1**	**20**	**SALES DISPLAY RCPT**
CONSULTATION RM / VAULT LTS	**20**	**1**	**N/C2**	**463**	**21**	A	**22**	**900**	**N**	**1**	**20**	**SALES GENERAL RCPTS / ATM RCPT**
VAULT DEDICATED RCPT	**20**	**1**	**N**	**180**	**23**	C	**24**	**819**	**N/C3**	**1**	**20**	**BREAK RM/ OFFICE/ IT CLST/ RR LTS**
VAULT GENERAL RCPT	**20**	**1**	**N**	**540**	**25**	A	**26**	**720**	**N**	**1**	**20**	**VAULT DESK RCPTS**
VAULT DEDICATED RCPT	**20**	**1**	**N**	**180**	**27**	C	**28**	**720**	**N/IG**	**1**	**20**	**I.T. ROOM RCPTS**
SALES DISPLAY RCPT	**20**	**1**	**N/C2**	**180**	**29**	A	**30**	**720**	**N**	**1**	**20**	**OFFICE RCPTS / HALLWAY RCPTS**
SPARE	**20**	**1**			**31**	C	**32**	**1,080**	**N/C2**	**1**	**20**	**SALES DISPLAY RCPTS**
IT ROOM UPS RCPT	**20**	**1**	**N**	**3,000**	**33**	A	**34**	**1,188**	**HACR**	**2**	**15**	**HP-5 / AHU-5**
DEH-1 / DEH-2 / DEH-3	**20**	**1**	**HACR**	**1,836**	**35**	C	**36**	**1,188**				
HEAT PUMP MAINTENANCE RCPTS	**20**	**1**	**N/G**	**360**	**37**	A	**38**	**62**	**N**	**1**	**15**	**EF-1 / EF-2 / EF-3**
TIMECLOCK	**20**	**1**	**N**	**180**	**39**	C	40			1		SPACE

PHASE A : 14,368 W — CONNECTED 26,163 W 109 A — DEMAND 23,720 W 99 A
PHASE C : 11,795 W

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ELECTRICAL SERVICE LOAD SUMMARY

LOAD DESCRIPTION	CONNECTED WATTAGE	DEMAND FACTOR		DEMAND WATTAGE
LIGHTING	2,435	125%		3,044
TRACK LIGHTING ****	234	3 A	120 V	360
SHOW WINDOW LIGHTING	0	200 W/FT	10 FT	2,000
RECEPTACLES	18,310	1ST 10KW @ 100%		10,000
		REMAINING @ 50%		4,155
KITCHEN EQUIPMENT	0	*** UP TO 65%	0 PC	0
CONTINUOUS MOTORS	2,928	125%		3,660
NON-COUNTINUOUS MOTORS	1,898	100%		1,898
HEAT PUMP(S)	39,288	100%		39,288
UPS (COMPUTER LOAD)	3,000	100%		3,000
WATER HEATER	4,500	100%		4,500
MISCELLANEOUS	0	100%		0
		TOTAL WATTS		71,905
		TOTAL AMPERAGE		300

NOTES:
* USE GREATER LOAD OF THE TWO CATEGORIES
** NUMBER OF ELEVATORS: 1=100%,2=95%,3=90%,4=85%,5=82%,6=79%, 7=77%,8=75%,9=73%,10 OR MORE =72%
*** PIECES OF EQUIPMENT: 1-2 = 100%, 3 = 90%, 4 = 80%, 5 = 70%, 6 AND MORE = 65%
**** SUM OF VA RATINGS OF TRACK CURRENT LIMITING DEVICES

EXISTING ELECTRICAL SERVICE **300 A**

EQUIPMENT FEEDER SCHEDULE

EQUIPMENT MARK	VOLTAGE-PHASE	PANEL - CIRCUIT(S)	MOCP	FEEDER CONDUCTOR & GROUND	PIPE	DISCONNECT PROVIDER	AMPERAGE	POLES	FUSES	NEMA	REMARKS
AHU-3	240V-1P	#2-15,17	50A	(2)#8 & (1)#10G	3/4"	INTEGRAL	-	-	-	-	
AHU-4	240V-1P	#1-5,7	50A	(2)#8 & (1)#10G	3/4"	INTEGRAL	-	-	-	-	
AHU-5	240V-1P	#3-34,36	15A	(2)#12 & (1)#12G	3/4"	INTEGRAL	-	-	-	-	1
HP-3	240V-1P	#2-16,18	40A	(3)#8 & (1)#10G	3/4"	INTEGRAL	-	-	-	-	-
HP-4	240V-1P	#1-2,4	40A	(3)#8 & (1)#10G	3/4"	INTEGRAL	-	-	-	-	-
HP-5	240V-1P	#3-34,36	15A	(3)#12 & (1)#12G	3/4"	INTEGRAL	-	-	-	-	-
EF-1	120V-1P	#3-38	15A	(2)#12 & (1)#12G	3/4"	INTEGRAL	-	-	-	-	2
EF-2	120V-1P	#3-38	15A	(2)#12 & (1)#12G	3/4"	INTEGRAL	-	-	-	-	2
EF-3	120V-1P	#3-38	15A	(2)#12 & (1)#12G	3/4"	INTEGRAL	-	-	-	-	2
DEH-1	120V-1P	#3-35	15A	(2)#12 & (1)#12G	3/4"	CONTRACTOR	20A	1	-	1	2
DEH-2	120V-1P	#3-35	15A	(2)#12 & (1)#12G	3/4"	CONTRACTOR	20A	1	-	1	2
DEH-3	120V-1P	#3-35	15A	(2)#12 & (1)#12G	3/4"	CONTRACTOR	20A	1	-	1	2
EWH-1	240V-1P	#2-12,14	20A	(2)#12 & (1)#12G	3/4"	INTEGRAL	-	-	-	-	
PF-4	120V-1P	#2-4	20A	(2)#12 & (1)#12G	3/4"	INTEGRAL	-	-	-	-	
RP-1	120V-1P	#2-11	20A	(2)#12 & (1)#12G	3/4"	INTEGRAL	-	-	-	-	2

EQUIPMENT FEEDER GENERAL NOTES

A. DISCONNECT SWITCHES FOR 120V OR 277V EQUIPMENT UNDER 30 AMPS SHALL BE MOTOR RATED TOGGLE SWITCHES.
B. CONTRACTOR IS RESPONSIBLE FOR ALL FINAL CONNECTIONS TO EQUIPMENT.
C. COORDINATE EXACT ROUGH-IN LOCATIONS PRIOR TO START OF CONSTRUCTION.
D. ALL MULTI-VOLT DISCONNECT SWITCHES PROVIDED BY THIS CONTRACTOR SHALL COME WITH A NEUTRAL AND GROUND LUG KIT.

EQUIPMENT FEEDER REMARKS

1. INDOOR UNIT IS POWERED FROM OUTDOOR UNIT. PROVIDE WIRING AND CONDUIT BETWEEN UNITS AS REQUIRED.
2. ROUTE CIRCUIT THROUGH TIMECLOCK CONTROLS.

PANEL SCHEDULE NOTES

General Notes:
CIRCUITS *SHADED AND ITALICIZED* ARE EXISTING TO REMAIN.
BALANCE PANELS WITHIN 10% PHASE TO PHASE.

Circuit Key Notes:

LOC	HANDLE LOCK "OFF/ON" CLAMP DEVICE
HACR	HEATING, AIR CONDITION AND REFRIGERATION RATED BREAKER
EX	EXISTING BREAKER TO BE REUSED FOR NEW CONSTRUCTION
N	PROVIDE NEW BREAKER MATCHING MANUFACTURER AND AIC RATING
G	GROUND FAULT CIRCUIT INTERUPTING BREAKER
C#	ROUTE CIRCUIT THROUGH CONTACTOR INDICATED

NOTE:

TENANT'S G.C.'S ELECTRICAL SUBCONTRACTOR TO VERIFY EXISTING SERVICE/WIRE CONDUIT DURING BIDDING STAGE AND REPORT TO TENANT ARCHITECT ANY DISCREPANCIES THAT IS DIFFERENT THAN SHOWN ON PLANS.

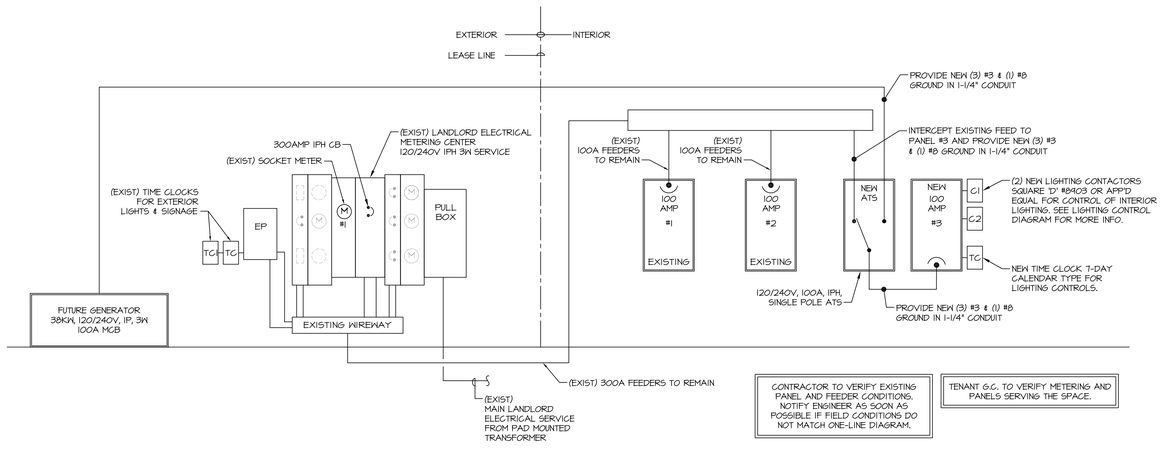
CONTRACTOR TO VERIFY ALL EXISTING MECHANICAL EQUIPMENT FOR ADJACENT TENANT SPACE IS NOT CONNECTED TO EXISTING PANELS IN OWNER SPACE. RE-CIRCUIT ADJACENT TENANT MECHANICAL EQUIPMENT TO THE APPROPRIATE TENANT PANELS IF APPLICABLE.

ALL ELECTRICAL WORK BEING SHOWN IN SCHEMATIC IS NEW BY TENANT G.C. UNLESS OTHERWISE NOTED.

RISER DIAGRAM NOTES

1. ALL CONDITIONS TO BE FIELD VERIFIED BEFORE SUBMITTING BID.
2. LANDLORD GENERAL CONTRACTOR TO MAINTAIN FIRE RATING OF PARTITION NEW ELECTRICAL EQUIPMENT IS BEING SECURED TO.
3. ALL ELECTRICAL WORK BEING SHOWN IN SCHEMATIC TO BE BY TENANT'S GENERAL CONTRACTOR'S ELECTRICAL SUBCONTRACTOR UNLESS OTHERWISE NOTED.
4. THE LANDLORD ELECTRICAL CONTRACTOR'S SUB-CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL VOLTAGES ON PLANS UPON FIRST VISIT TO THE SITE. THE INCOMING SERVICE SHOULD CORRESPOND TO THE SPECIFICATIONS FOR THE LIGHTING FIXTURES AND THE H.V.A.C EQUIPMENT AND BE PROPERLY NOTED ON THE ELECTRICAL PANEL DIAGRAMS AND RISERS. ANY DISCREPANCIES SHOULD BE REPORTED TO THE TENANT ARCHITECT IMMEDIATELY.
5. HVAC CIRCUIT BREAKERS SHALL BE "HACR" TYPE WHERE REQUIRED BY EQUIPMENT NAMEPLATE PER N.E.C.
6. LANDLORD ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT A.I.C. RATING OF LANDLORDS DISTRIBUTION EQUIPMENT, FURNISH AND INSTALL TENANTS SYSTEM TO MATCH.
7. LANDLORD ELECTRICAL CONTRACTOR SHALL BALANCE ALL PANELS AND + ELECTRICAL EQUIPMENT TO 10% ( ) BETWEEN PHASES: A/B B/C, - A/C REGARDLESS OF CIRCUITING INDICATED.
8. PROPER CLEARANCE MUST BE MAINTAINED ABOUT ELECTRICAL EQUIPMENT PER N.E.C. FIELD VERIFY EXACT MOUNTING SPACE AVAILABLE IN ELECTRICAL ROOM/AREA PRIOR TO INSTALLATION OF ELECTRICAL EQUIPMENT.
9. ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL ELECTRICAL CONNECTIONS FOR A COMPLETE ELECTRICAL DISTRIBUTION SYSTEM.
10. ALL ELECTRICAL WORK SHALL BE INSTALLED SO AS TO READILY ACCESSIBLE FOR OPERATING, SERVICING, MAINTAINING & REPAIRING.

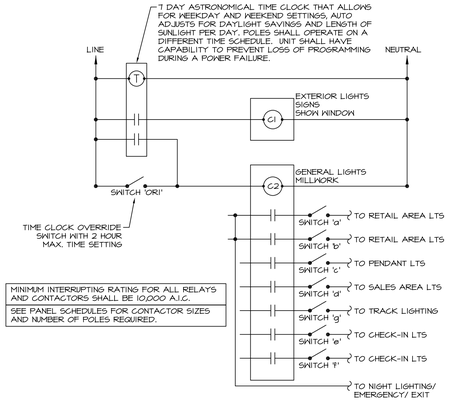
1 ELECTRICAL PANEL BOARD SCHEDULE & LOAD SUMMARY
SCALE: N.T.S.



CONTRACTOR TO VERIFY EXISTING PANEL AND FEEDER CONDITIONS. NOTIFY ENGINEER AS SOON AS POSSIBLE IF FIELD CONDITIONS DO NOT MATCH ONE-LINE DIAGRAM.

TENANT G.C. TO VERIFY METERING AND PANELS SERVING THE SPACE.

2 ELECTRICAL WIRING SCHEMATIC
SCALE: N.T.S.



MINIMUM INTERRUPTING RATING FOR ALL RELAYS AND CONTACTORS SHALL BE 10,000 A.I.C.

SEE PANEL SCHEDULES FOR CONTACTOR SIZES AND NUMBER OF POLES REQUIRED.

3 LIGHTING CONTROLS
SCALE: N.T.S.

TRICARICO ARCHITECTURE AND DESIGN PC
502 VALLEY ROAD, WAYNE, NJ 07470
T: 973-692-0222 F: 973-692-0223
TRICARICO.COM

ENGINEER OF RECORD:

Dialectic ENGINEERING
Dialectic, Inc.
310 W 20th Street, Suite 100
Kansas City, MO 64108
Florida Certificate of Authorization Number 8039
T 816-997-9601
F 816-997-9602
DialecticEng.com

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THE GENERAL CONTRACTOR AND/OR ALL SUB-CONTRACTORS WORKING FROM THESE PLANS AND SPECIFICATIONS ARE NOT TO SCALE SUCH INFORMATION BUT TO CONTACT THE ARCHITECT OR HIS REPRESENTATIVE REGARDING MEASUREMENTS, IF SUCH MEASUREMENTS DO NOT APPEAR CORRECT, ADD UP PROPERLY OR SCALE CORRECTLY TO THE INDICATED SIZE.

DATE:	ISSUE:
08.29.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE: NO.: REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: HEE
SCALE: AS NOTED	CHECKED BY: ELS
DATE: 10.03.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: ATF

DIALECTIC ENGINEERING

DRAWING NAME: ELECTRICAL DISTRIBUTION

DRAWING NO.: E3.1

FIRM REGISTRATION NO.:

ADAMS T. FRANKS LICENSED P.E. 76324 STATE OF FLORIDA

08/29/2022 7:49:01 PM

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY ADAMS T. FRANKS ON THE DATE ADJACENT TO THE SEAL. USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC DOCUMENTS. VERIFY ON ANY ELECTRONIC COPY. FAC 61G15-23.004.

SEAL

DATE: AS SHOWN

PROJECT NO.: 220392

LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055

PROJECT: GRESCO LABS

PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

MECHANICAL SPECIFICATIONS

-- GENERAL NOTES --

A. GENERAL CONDITIONS

1. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND ALL OTHER SPECIFICATION SECTIONS (IF PROVIDED AS PART OF THE CONTRACT) ARE A PART OF THIS CONTRACT.
2. THE TERM "CONTRACTOR" SHALL MEAN THE "MECHANICAL CONTRACTOR HIRED TO COMPLETE THE WORK OUTLINED IN THESE PLANS AND SPECIFICATIONS", UNLESS OTHERWISE SPECIFIED.
3. THE CONTRACTOR FOR THIS WORK IS REQUIRED TO REVIEW ALL DRAWINGS FOR ALL OTHER TRADES.
4. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING THEIR SUBCONTRACTORS WITH A FULL SET OF BID DOCUMENTS INCLUDING SPECIFICATIONS AND MUST COORDINATE ITS WORK AND INSPECTIONS AND THE WORK AND INSPECTION OF THEIR SUBCONTRACTORS WITH ALL OTHER TRADES ON SITE TO CONFORM WITH THE GENERAL CONTRACTOR'S TIME SCHEDULE.
5. BY SUBMITTING A QUOTATION OR PROPOSAL THE MECHANICAL CONTRACTOR EXPRESSLY STATES AND WARRANTS THAT ALL DRAWINGS AND SPECIFICATIONS HAVE BEEN THOROUGHLY REVIEWED, AND THAT THIS CONTRACTOR HAS BECOME FAMILIARIZED WITH JOB SITE CONDITIONS AND IS TOTALLY QUALIFIED TO PERFORM ALL OF THE WORK REQUIRED.
6. BEFORE SUBMITTING A FINAL PROPOSAL THE CONTRACTOR SHALL EXAMINE THE SITE OF THE PROPOSED WORK TO DETERMINE THE EXISTING CONDITIONS THAT MAY AFFECT THE PROPOSAL. IF DISCREPANCIES ARE NOTED BETWEEN THE DOCUMENTS AND THE EXISTING CONDITIONS THE ARCHITECT SHALL BE NOTIFIED AND THE CONTRACTOR SHALL RECEIVE CLARIFICATION BEFORE SUBMITTING A BID. THE SUBMISSION OF A PROPOSAL SHALL INDICATE THAT ALL CHARGES AND COSTS MADE NECESSARY BY EXISTING CONDITIONS ARE INCLUDED AND THAT THE COMPLETE SYSTEM AS DESCRIBED HEREIN WILL BE FURNISHED AT THE PROPOSED COST.
   - A. THE HVAC SUBCONTRACTOR IS REQUIRED TO VISIT THE SITE DURING BIDDING AND VERIFY LOCATION(S) OF WHERE DUCTWORK IS INDICATED TO BE PLACED, THEIR ROUTES AND POSSIBLE INTERSECTION(S) WITH OTHER EQUIPMENT/WORK (PLUMBING, SPRINKLER, ELECTRICAL, ETC.) TO BE INSTALLED AND/OR EXISTING TO REMAIN AND TO VERIFY HEIGHTS TO "BE INSTALLED" TO MAINTAIN DESIGNED CEILING HEIGHTS AND HEAD ROOM. ANY DISCREPANCIES BETWEEN DESIGNED AND ACTUAL ARE TO BE TOLD TO THE GENERAL CONTRACTOR AND BE INDICATED ON THE BID FORM.
7. WHEN USED, THE TERM "PROVIDED BY CONTRACTOR" SHALL BE INTERPRETED AS MEANING "FURNISHED AND INSTALLED BY CONTRACTOR" WITH THE EXCEPTION WHERE ITEMS ARE "PROVIDED BY TENANT" SHALL BE INTERPRETED AS MEANING "FURNISHED BY TENANT (INSTALLED BY CONTRACTOR)", EXCEPT WHERE NOTED OTHERWISE.

B. GENERAL REQUIREMENTS

1. THE GENERAL CONTRACTOR AND HIS/HER SUB-CONTRACTORS SHALL SUPERVISE AND DIRECT THE WORK, USING THEIR BEST SKILL AND ATTENTION. ALL CONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THEIR CONTRACT, UNLESS THE CONTRACT DOCUMENTS GIVE OTHER SPECIFIC INSTRUCTIONS CONCERNING THESE MATTERS. IF THE CONTRACT DOCUMENTS GIVE SPECIFIC INSTRUCTIONS CONCERNING CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, THE CONTRACTOR SHALL EVALUATE THE JOBSITE SAFETY THEREOF AND, EXCEPT AS STATED BELOW, SHALL BE FULLY AND SOLELY RESPONSIBLE FOR THE JOBSITE OF SUCH MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES. IF THE CONTRACTOR DETERMINES THAT SUCH MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES MAY NOT BE SAFE, THE CONTRACTOR SHALL GIVE TIMELY WRITTEN NOTICE TO THE OWNER AND ARCHITECT AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK WITHOUT FURTHER WRITTEN INSTRUCTIONS FROM THE ARCHITECT. IF THE CONTRACTOR IS THEN INSTRUCTED TO PROCEED WITH THE REQUIRED MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES WITHOUT ACCEPTANCE OF CHANGES PROPOSED BY THE CONTRACTOR, THE OWNER SHALL BE SOLELY RESPONSIBLE FOR ANY RESULTING LOSS OR DAMAGE.
2. THE MECHANICAL SUBCONTRACTORS QUOTING ON THEIR SPECIFIC SCOPE OF WORK/SERVICES TO CONTACT THE LOCAL BUILDING DEPARTMENT/AGENCY TO DISCUSS CODE ISSUES/IDIOSYNCRASIES REGARDING THEIR SERVICES AND THE QUOTE ASSOCIATED WITH THE SERVICES TO THE GENERAL CONTRACTOR FOR THIS PROJECT. THIS CONTRACTOR TO BE FAMILIAR WITH THE SITE WHERE SUCH SERVICES/WORK WILL BE PERFORMED, THIS SPECIFIC USE AND THE IDIOSYNCRASIES ASSOCIATED WITH THE LIFE, SAFETY AND HEALTH ASSOCIATED WITH THIS WORK AND TO INDICATE ON THE QUOTE ANY ITEMS REQUIRED THAT ARE NOT NECESSARILY SHOWN ON THE DRAWINGS/SPECIFICATIONS.
3. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, SERVICES, TOOLS, TRANSPORTATION, INCIDENTALS AND DETAILS NECESSARY TO PROVIDE COMPLETE AND FULLY FUNCTIONAL MECHANICAL SYSTEMS AS SHOWN ON THE DRAWINGS, AS CALLED FOR IN THE SPECIFICATIONS (IF SUPPLIED) AND AS REQUIRED BY JOB CONDITIONS. ALL WORK NOT SPECIFICALLY NOTED AS BEING BY THE LANDLORD SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR. CLOSELY COORDINATE THE ENTIRE INSTALLATION WITH LANDLORD AS REQUIRED. FIELD VERIFY THE EXACT TYPE, SIZE, LOCATION, REQUIREMENTS, ETC. OF EXISTING EQUIPMENT, PIPE AND DUCTS SERVING THE TENANT SPACE PRIOR TO SUBMISSION OF BID.
4. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO SUPPLEMENT EACH OTHER AND ANY MATERIAL OR LABOR CALLED FOR IN ONE SHALL BE PROVIDED EVEN THOUGH NOT SPECIFICALLY MENTIONED IN BOTH. ANY MATERIAL OR LABOR WHICH IS NEITHER SHOWN ON THE DRAWINGS NOR CALLED FOR IN THE SPECIFICATIONS, BUT WHICH IS NECESSARY TO COMPLETE THE WORK OR WHICH IS USUALLY INCLUDED IN WORK OF SIMILAR CHARACTER, SHALL BE PROVIDED AS PART OF THE CONTRACT.
5. WHERE THE DRAWINGS AND / OR SPECIFICATIONS CALL FOR ITEMS THAT EXCEED CODES OR THE LANDLORD'S TENANT CRITERIA, THE CONTRACTOR IS STILL RESPONSIBLE FOR PROVIDING THE SYSTEM AS DESIGNED AND DESCRIBED ON THE DRAWINGS, UNLESS SPECIFICALLY NOTED OTHERWISE.
6. THE CONTRACTOR SHALL OBTAIN AND COMPLY WITH DETAILED REQUIREMENTS OF LEASE EXTRACTS FROM THE LANDLORD AND TENANT.
7. COORDINATE LOCATIONS OF ALL AIR OUTLETS WITH ALL WALLS, LIGHTS, SPRINKLER HEADS, CEILING TILES AND DECORATIVE CEILING FIXTURES PRIOR TO INSTALLATION.
8. ALL MECHANICAL WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATION, SERVICE, MAINTENANCE AND REPAIR. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUFFICIENT ACCESS TO ALL EQUIPMENT FOR SERVICE.
9. THE CONTRACTOR SHALL DO ALL CUTTING, CORE DRILLING, CHASING, OR CHANNELING AND PATCHING REQUIRED FOR ANY WORK UNDER THIS CONTRACT. CUTTING SHALL HAVE PRIOR APPROVAL BY THE TENANT'S CONSTRUCTION MANAGER AND THE LANDLORD OR LANDLORD'S REPRESENTATIVE. PATCHING SHALL MATCH FINISH OF SURROUNDING AREA.
10. WORKMANSHIP:
    - A. USE EXPERIENCED, WELL-QUALIFIED CRAFTSMEN, IN GOOD STANDING WITH THEIR RESPECTIVE LABOR UNIONS.
    - B. USE CAPABLE AND EXPERIENCED SUPERINTENDENTS, AUTHORIZED BY THE CONTRACTOR TO INSTRUCT WORK, MAKE JOB DECISIONS AND ACT FOR THE CONTRACTOR IN ALL MATTERS PERTAINING TO THE CONTRACT.
11. PERMITS, TESTS AND INSPECTIONS:
    - A. APPLY FOR, SECURE AND PAY FOR ALL REQUIRED PERMITS, FEES, LICENSES AND ROYALTIES TO ACCOMPLISH THE WORK.
    - B. APPLY FOR, SECURE AND PAY FOR ALL REQUIRED TESTS AND INSPECTIONS TO ACCOMPLISH THE WORK IN CONFORMANCE WITH ALL CODES AND JURISDICTIONS.
    - C. FURNISH SIGNED CERTIFIED AND ACCEPTABLE COPIES OF ALL ITEMS COVERED IN (A) AND (B) ABOVE TO THE OWNER FOR HIS RECORDS.
    - D. COMPLY WITH RULES AND REGULATIONS OF JURISDICTIONAL AUTHORITIES AND MALL OR LEASE SPECIFICATIONS AND REPORT ANY DEVIATIONS ON DRAWINGS TO OWNER.

C. CODES

1. ALL WORK SHALL BE PERFORMED IN A NEAT AND PROFESSIONAL MANNER USING GOOD CONSTRUCTION PRACTICES. ALL WORK SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE LANDLORD'S CRITERIA; THE STATE, COUNTY AND LOCAL CODES AND ORDINANCES; THE LATEST EDITIONS OF ASHRAE STANDARDS; THE LIFE SAFETY CODE; THE APPLICABLE BUILDING CODE; UNDERWRITERS LABORATORIES; THE NATIONAL ELECTRICAL CODE; NFPA 70, 90A, AND 96; AND ALL OTHER APPLICABLE CODES ENFORCED BY AUTHORITIES HAVING JURISDICTION. THE CHANGES REQUIRED BY ANY APPLICABLE CODES SHALL BE INCLUDED IN THE BID. AFTER THE CONTRACT IS ISSUED, NO ADDITIONAL COST DUE TO CODE ISSUES SHALL BE REIMBURSED BY THE TENANT TO THE CONTRACTOR.

D. DRAWINGS

1. DRAWINGS (PLANS AND SPECIFICATIONS) ARE DIAGRAMMATIC AND INDICATE THE GENERAL LOCATION AND INTENT OF THE MECHANICAL SYSTEMS. BECAUSE OF THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL DUCT AND PIPE OFFSETS, FITTINGS AND ACCESSORIES THAT MAY BE REQUIRED. THE MECHANICAL CONTRACTOR MUST OBTAIN APPROVED CONSTRUCTION DRAWINGS FROM THE GENERAL CONTRACTOR BEFORE BEGINNING ANY WORK.
2. THE LAYOUT SHOWN ON THE DRAWINGS IS BASED ON A PARTICULAR MAKE OF EQUIPMENT. IF ANOTHER MAKE OF EQUIPMENT IS USED WHICH REQUIRES MODIFICATION OR CHANGE OF ANY DESCRIPTION FROM THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE AS PART OF THIS WORK, FOR MAKING ALL SUCH MODIFICATIONS AND CHANGES, INCLUDING THOSE INVOLVING OTHER TRADES WITH THE COST THEREOF INCLUDED IN THE BID. IN SUCH CASE, CONTRACTOR SHALL SUBMIT DRAWINGS AND SPECIFICATIONS PRIOR TO STARTING WORK SHOWING ALL SUCH MODIFICATIONS AND CHANGES. THE PROPOSAL SHALL BE SUBJECT TO THE APPROVAL OF THE TENANT'S CONSTRUCTION MANAGER.

E. EXISTING LEASE SPACE CONDITIONS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE DEMOLITION OF EXISTING MECHANICAL WORK IN THE SPACE NOT SHOWN TO BE REUSED IN THE NEW TENANT SPACE.
2. THE CONTRACTOR SHALL INCLUDE, AND WILL BE HELD RESPONSIBLE FOR, THE REMOVAL OF ALL EXISTING FIRE PROTECTION, PLUMBING FIXTURES, PIPING, HVAC UNITS, REFRIGERANT RECAPTURE, EXHAUST FANS, DUCTWORK, ETC. AND ASSOCIATED ROOF CURBS NOT TO BE REUSED ON THIS PROJECT, UNLESS SPECIFICALLY NOTED OTHERWISE. CONTRACTOR MUST VERIFY WITH THE LANDLORD ALL PRESUMED ABANDONED EQUIPMENT, PIPES, DUCTWORK AND EQUIPMENT PRIOR TO REMOVAL. ROOF CURBS SHALL BE REMOVED AND THE ROOF SHALL BE PATCHED UNLESS NOTED FOR REUSE OR RECONFIGURATION ON PLANS. ROOF PATCHING SHALL BE PERFORMED AT THE CONTRACTOR'S EXPENSE BY A ROOFING CONTRACTOR APPROVED BY THE LANDLORD. ALL EXTRANEOUS ITEMS IN THE SPACE OR ON THE ROOF (ABOVE THIS SPACE) NOT APPLICABLE TO THE NEW WORK OR PART OF THE LANDLORD'S OR ANOTHER TENANT'S ACTIVE SYSTEM MUST BE REMOVED AND ROOF / WALL / FLOOR MUST BE PATCHED / REPAIRED TO MATCH THE EXISTING STRUCTURE. EXISTING ABANDONED PIPES, DUCTS OR EQUIPMENT IN THE FLOOR, EMBEDDED IN CONCRETE OR OTHERWISE INACCESSIBLE ARE TO BE CUT OFF AND SEALED BELOW OR WITHIN FLOOR OR WALL LEVEL WHEN THEY ARE NOT REUSED IN THIS PROJECT.
   - A. IF REQUIRED BY THE LANDLORD OR CODES, ABANDONED PIPING AND / OR DUCTWORK MUST BE REMOVED TO POINT OF ORIGIN. CONFIRM THE EXTENT OF DEMOLITION PRIOR TO BID AND INCLUDE IN BID PROPOSAL.
3. ACTIVE LANDLORD OR OTHER TENANT SERVICES ENCOUNTERED IN WORK SHALL BE PROTECTED AND SUPPORTED. IF EXISTING SERVICES NOT ANTICIPATED REQUIRE RELOCATION, CONTACT THE TENANT'S CONSTRUCTION MANAGER IMMEDIATELY. ALL COSTS FOR REPAIR OF DAMAGES TO ACTIVE LANDLORD OR OTHER TENANT SERVICES DURING CONSTRUCTION SHALL BE PAID FOR BY THE CONTRACTOR CAUSING THE DAMAGE.
4. TIE-INS AND MODIFICATIONS TO EXISTING LANDLORD SERVICES MUST BE DONE WITH MINIMUM INTERRUPTION OF LANDLORD OPERATION AND DURING HOURS SPECIFIED BY THE LANDLORD. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING EXACT WORKING HOURS OF THIS WORK WITH THE LANDLORD PRIOR TO SUBMITTING THEIR BID. THE CONTRACTOR SHALL INCLUDE IN THEIR BID, ALL PREMIUM TIME REQUIRED TO PERFORM MODIFICATIONS DURING OTHER THAN NORMAL WORKING HOURS. ALL SUCH WORK MUST BE COORDINATED WITH THE LANDLORD.
5. EQUIPMENT AND MATERIALS IN TRANSIT SHALL UTILIZE FREIGHT ELEVATOR OR STAIRS. SAID EQUIPMENT OR MATERIALS SHALL BE DISASSEMBLED AS REQUIRED TO MEET THE RESTRICTIONS IMPOSED BY THE BUILDING OR ITS COMPONENT CONSTRAINTS AND THEN REASSEMBLED IN THE NEW WORK AREA.
6. ALL WORK SHALL BE DONE WITH A MINIMUM OF NOISE AND DISTURBANCE TO BUSINESS ROUTINE. ALL WORK SCHEDULES SHALL BE COORDINATED WITH, AND APPROVED BY, THE TENANTS CONSTRUCTION MANAGER.
7. ALL DELIVERIES, WORKERS, WORK OPERATORS, ETC., REQUIRED BY THE CONTRACTOR FOR WORK PERFORMED IN ANY AREA OR SITE BUILDING SHALL BE IN STRICT CONFORMANCE TO THE RULES AND REGULATIONS OF THE OWNER.
8. CONTRACTOR SHALL PROTECT THEIR WORK AND EQUIPMENT FROM DAMAGE, VANDALS, ETC. ANY ITEM THAT IS DAMAGED, VANDALIZED OR STOLEN PRIOR TO ACCEPTANCE OF BUILDING BY OWNER AND ARCHITECT SHALL BE REPLACED BY RESPECTIVE CONTRACTOR AT NO CHARGE TO TENANT.
9. IT IS SPECIFICALLY THE INTENTION OF THIS SPECIFICATION TO HOLD THE CONTRACTOR RESPONSIBLE FOR ALL DAMAGE DONE TO ANY EXISTING FACILITIES, EQUIPMENT, PAINTING, OR ARCHITECTURAL AND STRUCTURAL FEATURES OF THE BUILDING, BY EITHER THEIR OWN WORKMEN OR BY ANY OF THEIR SUBCONTRACTORS. THE CONTRACTOR SHALL REPAIR ANY DAMAGE DONE BY THEIR OWN WORKMEN OR SUBCONTRACTORS AND THE OWNER AT THEIR DISCRETION, MAY WITHHOLD PAYMENTS EQUAL TO THE REASONABLE COST OF THE REPAIRS.
10. THIS CONTRACTOR OR THEIR WORKMEN SHALL NOT BE PERMITTED TO USE ANY PART OF THE EXISTING BUILDING AS A SHOP WITHOUT THE APPROVAL OF THE OWNER AND ARCHITECT.
11. WHERE THE WORK MAKES TEMPORARY SHUTDOWN OF SERVICES UNAVOIDABLE, THEY SHALL BE MADE AT NIGHT OR AT SUCH TIMES AS WILL CAUSE THE LEAST INTERFERENCE WITH THE ESTABLISHED OPERATING ROUTINE.
12. THIS CONTRACTOR SHALL ARRANGE THE WORK SO AS TO ASSURE THAT SERVICES WILL BE SHUT DOWN ONLY DURING THE TIME ACTUALLY REQUIRED TO MAKE THE NECESSARY CONNECTION TO THE EXISTING WORK. THIS CONTRACTOR SHALL GIVE AMPLE WRITTEN NOTICE IN ADVANCE TO THE OWNER OF ANY REQUIRED SHUT DOWN.
13. ALL MOTORS, FANS, CONTROLS, FIXTURES, HVAC UNIT, DUCTWORK AND OTHER EQUIPMENT FOR USE IN THIS CONTRACT SHALL BE PROTECTED BY TARPAULIN OR BY BOXING AS SOON AS DELIVERED TO THE SITE AND SHALL BE KEPT CLEAN AND DRY. THE MOTORS, UNITS, FIXTURES, FANS, DUCTWORK AND MOVING PARTS SHALL BE KEPT COVERED SO AS TO ELIMINATE DIRT, DUST AND OTHER MATERIALS ENTERING THE PARTS DURING ERECTION AND CONSTRUCTION WORK ON THE BUILDING. SHOULD IT BE FOUND THAT ANY PARTS ARE DAMAGED DUE TO CARELESSNESS ON THE PART OF THE CONTRACTOR IN NOT PROVIDING PROPER PROTECTION, SUCH PART OR PARTS SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN COST AND EXPENSE. ALL OPENINGS IN DUCTS, PIPING, CONDUITS, ETC., SHALL BE PROPERLY PROTECTED WITH TEMPORARY CAPS OR PLUGS AT ALL TIMES.
14. THE CONTRACTOR, IN REGARDS TO ANY SAWCUTTING, COREDRILLING OR ANY PENETRATING OF A CONCRETE SLAB, FLOOR AND/OR ROOF, IS REQUIRED TO SURVEY DURING BIDDING TO DETERMINE ANY ISSUES, INCLUDING BUT NOT LIMITED TO, NECESSITY OF X-RAYING OF A CONCRETE SLAB, WHERE SUCH MATERIAL BEING PENETRATED IS NOT PROJECTED AND/OR ROUTED INTO A SPACE(S) THAT CREATES A NON-CODE COMPLIANT CONDITION, THE NEED FOR WEATHERSTRIPPING, WATERPROOFING OR OTHER CONDITION AND TO NOTIFY THE OWNER IF A PROBLEM(S) MAY EXIST AND TO INCLUDE COSTS TO SOLVE THE ISSUE UNCOVERED, IN ADDITION TO, NOTIFYING THE ARCHITECT OF RECORD REGARDING SUCH ISSUE(S).

F. DISCREPANCIES IN DOCUMENTS

1. DRAWINGS (PLANS, SPECIFICATIONS AND DETAILS) ARE DIAGRAMMATIC AND INDICATE THE GENERAL LOCATION AND INTENT OF THE MECHANICAL SYSTEMS. WHERE DRAWING, EXISTING SITE CONDITIONS, SPECIFICATIONS OR OTHER TRADES CONFLICT OR ARE UNCLEAR, ADVISE THE GENERAL CONTRACTOR IN WRITING, PRIOR TO SUBMITTAL OF BID. THE GENERAL CONTRACTOR IS RESPONSIBLE TO ADVISE THE TENANT'S CONSTRUCTION MANAGER, IN WRITING, OF VARIATIONS TO THE CONTRACT DOCUMENTS PRIOR TO SUBMISSION OF BID. OTHERWISE, TENANT'S CONSTRUCTION MANAGER'S INTERPRETATION OF CONTRACT DOCUMENTS OR CONDITIONS SHALL BE FINAL WITH NO ADDITIONAL COMPENSATION PERMITTED.
2. ACCURACY OF DATA:
   - A. THE DATA GIVEN HEREIN AND ON THE DRAWINGS ARE AS EXACT AS COULD BE SECURED, BUT THEIR ABSOLUTE ACCURACY IS NOT GUARANTEED. THE SPECIFICATIONS AND DRAWINGS ARE FOR THE ASSISTANCE AND GUIDANCE OF THE CONTRACTOR. EXACT LOCATIONS, DISTANCES, LEVELS, ETC., WILL BE GOVERNED BY THE BUILDING AND THE CONTRACTOR SHALL USE THE DATA CONTAINED HEREIN WITH THIS UNDERSTANDING.
   - B. THE EXACT LOCATION OF EACH AND EVERY OUTLET OF EACH WIRING SYSTEM, NOT DIMENSIONED ON THE DRAWINGS, SHALL BE AS DIRECTED BY THE OWNER, THE OWNER'S ARCHITECT OR HIS SELECTED REPRESENTATIVE.

G. TRADE NAMES AND MANUFACTURERS

1. WHERE TRADE NAMES AND MANUFACTURERS ARE USED ON THE DRAWINGS OR IN THE SPECIFICATIONS, THE EXACT EQUIPMENT SHALL BE USED AS A MINIMUM STANDARD FOR THE BASE BID. MANUFACTURERS CONSIDERED AS AN EQUIVALENT OR BETTER IN ALL ASPECTS TO THAT SPECIFIED WILL BE SUBJECT TO REVIEW IN WRITING BY THE TENANT'S CONSTRUCTION MANAGER PRIOR TO ACCEPTANCE. THE USE OF ANY UNAUTHORIZED EQUIPMENT SHALL BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
2. SUBSTITUTIONS: CATALOG AND MANUFACTURER'S NUMBERS IN THIS SECTION AND ON THE DRAWINGS ARE FOR THE PURPOSE OF ESTABLISHING STANDARDS OF QUALITY AND TYPE OF MATERIALS TO BE USED. PRODUCTS OR OTHER MANUFACTURERS MAY BE USED IF SIMILAR AND EQUAL IN QUALITY AND DESIGN IN THE OPINION OF THE OWNER OR OWNER'S ARCHITECT AND ARE SPECIFICALLY APPROVED BY THE OWNER OR OWNER'S ARCHITECT, IN WRITING, PRIOR TO CLOSE OF BIDDING. REQUESTS FOR APPROVAL OF SUBSTITUTIONS SHALL BE IN WRITING, AND SHALL INCLUDE REPORTS OF TESTS, PERFORMANCE DATA OR OTHER PROOF OF EQUALITY TO THE ITEM SPECIFIED.

H. SHOP DRAWINGS

1. SUBMIT THREE COPIES OF MATERIAL LISTS AND SHOP DRAWINGS FOR ALL EQUIPMENT AND DUCT FABRICATION DRAWINGS TO THE TENANT'S CONSTRUCTION MANAGER FOR REVIEW PRIOR TO ORDERING EQUIPMENT. SUBMISSIONS MUST BE EARLY ENOUGH TO ALLOW THE TENANT'S CONSTRUCTION MANAGER EIGHT WORKING DAYS FOR REVIEW WITHOUT CAUSING DELAYS OR CONFLICTS TO THE JOB'S PROGRESS. SUBMITTALS SHALL BE IN ACCORDANCE WITH THE GENERAL CONDITIONS USING THE MANUFACTURER'S LISTED ON THE DRAWINGS. SHOP DRAWINGS SHALL INCLUDE ALL DATA THAT PERTAINS TO THE REQUIREMENTS SET FORTH ON THE DRAWINGS AND IN THE SPECIFICATIONS. THE SUBMITTAL SHALL INCLUDE BUT NOT BE LIMITED TO CUTS OR CATALOGS INCLUDING DESCRIPTIVE LITERATURE AND CHARACTERISTICS OF EQUIPMENT SHALL SHOW MAJOR DIMENSIONS, ROUGHING-IN DATA, CAPACITY, CURVES, PRESSURE DROPS, CODE COMPLIANCE, MOTOR AND DRIVE DATA AND ELECTRICAL DATA. OBSERVE SPECIAL INSTRUCTIONS WHEN REQUIRED. SUBMITTALS SHALL BEAR THE STAMP OF THE GENERAL AND SUBCONTRACTOR SHOWING THAT HE HAS REVIEWED AND CONFIRMED THAT THEY ARE IN CONFORMANCE WITH THE CONTRACT DOCUMENTS OR INDICATE WHERE EXCEPTIONS TAKE PLACE. LACK OF SUCH CONTRACTOR'S REVIEW WILL BE CAUSE FOR REJECTION WITHOUT REVIEW BY TENANT'S CONSTRUCTION MANAGER. ALL SHOP DRAWINGS MUST APPEAR IN THE OPERATION AND MAINTENANCE MANUALS LEFT ON SITE AT JOB COMPLETION.
   - A. BY SUBMITTING SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS, THE CONTRACTOR REPRESENTS TO THE CLIENT AND ARCHITECT THAT THE CONTRACTOR HAS (1) REVIEWED AND APPROVED THEM, (2) DETERMINED AND VERIFIED MATERIALS, FIELD MEASUREMENTS AND FIELD CONSTRUCTION CRITERIA RELATED THERETO, OR WILL DO SO AND (3) CHECKED AND COORDINATED THE INFORMATION CONTAINED WITHIN SUCH SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND OF THE CONTRACT DOCUMENTS.
   - B. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK FOR WHICH THE CONTRACT DOCUMENTS REQUIRE SUBMITTAL AND REVIEW OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNTIL THE RESPECTIVE SUBMITTAL HAS BEEN APPROVED BY THE ARCHITECT.
   - C. THE WORK SHALL BE IN ACCORDANCE WITH APPROVED SUBMITTALS EXCEPT THAT THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY ANY APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE CLIENT IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND
     - C.1. THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION AS A MINOR CHANGE IN THE WORK, OR
     - C.2. A CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE HAS BEEN ISSUED AUTHORIZING THE DEVIATION.
     - C.3. THE CONTRACTOR SHALL DIRECT SPECIFIC ATTENTION IN WRITING OR ON RESUBMITTED SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS, TO REVISIONS OTHER THAN THOSE REQUESTED BY THE ARCHITECT ON PREVIOUS SUBMITTALS. IN THE ABSENCE OF SUCH WRITTEN NOTICE, THE ARCHITECT'S APPROVAL OF A RESUBMISSION SHALL NOT APPLY TO SUCH REVISIONS.
2. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND / OR THEIR SUBCONTRACTORS TO FURNISH SHOP DRAWINGS AND SUBMITTALS ON ANY AND ALL EQUIPMENT, DUCT, DAMPERS, CONTROLS ETC. TO THE TENANT'S CONSTRUCTION MANAGER OR ARCHITECT FOR THEIR REVIEW PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS, OMISSIONS OR OTHER DEFICIENCIES OR DEVIATIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE TENANT'S CONSTRUCTION MANAGER'S OR ARCHITECT'S APPROVALS THEREOF.

I. RECORD DRAWINGS

1. THE CONTRACTOR SHALL MAINTAIN ONE COPY OF DRAWINGS AND SPECIFICATIONS ON THE JOB SITE TO RECORD DEVIATIONS FROM CONTRACT DRAWINGS, SUCH AS LOCATIONS OF CONCEALED PIPING VALVES AND DUCTS, REVISIONS, ADDENDUM'S AND CHANGE ORDERS, SIGNIFICANT DEVIATIONS MADE NECESSARY BY FIELD CONDITIONS, APPROVED EQUIPMENT SUBSTITUTIONS AND CONTRACTOR'S COORDINATION WITH OTHER TRADES AND EXACT ROUTING OF ALL SANITARY AND DOMESTIC WATER PIPING UNDER FLOOR.
2. AT COMPLETION OF THE PROJECT AND BEFORE FINAL APPROVAL, THE CONTRACTOR SHALL MAKE ANY FINAL CORRECTIONS TO DRAWINGS AND CERTIFY THE ACCURACY OF EACH PRINT BY SIGNATURE THEREON. THE DRAWINGS ARE TO BE TURNED OVER TO THE TENANT.

J. GUARANTEE, WARRANTY

1. THE MECHANICAL CONTRACTOR SHALL INCLUDE IN THE PROPOSAL A ONE YEAR GUARANTEE, WARRANTY ON ALL EQUIPMENT AND MATERIAL INSTALLED OR REFURBISHED, ALL MATERIALS AND WORK UNDER THE CONTRACT AND SHALL MAKE GOOD, REPAIR, OR REPLACE AT THEIR OWN EXPENSE, ANY DEFECTIVE WORK, MATERIAL OR EQUIPMENT WHICH MAY BE DISCOVERED WITHIN A PERIOD OF 12 MONTHS FROM THE DATE OF WRITTEN ACCEPTANCE OF THE INSTALLATION BY THE TENANT'S CONSTRUCTION MANAGER. IN CASE OF REPLACEMENT OR REPAIR OF EQUIPMENT DUE TO FAILURE WITHIN THE GUARANTEE PERIOD, THE GUARANTEE ON THAT PORTION OF WORK SHALL BE EXTENDED FOR A PERIOD OF 12 MONTHS FROM THE DATE OF SUCH REPLACEMENT OR REPAIR. THIS GUARANTEE, WARRANTY IS TO INCLUDE ALL LABOR, MATERIAL, PARTS, ETC. NECESSARY TO MAINTAIN THE SYSTEM IN SATISFACTORY OPERATION FOR A PERIOD OF ONE YEAR STARTING FROM THE DATE OF ACCEPTANCE OF THE SYSTEM BY THE TENANT. IT SHALL ALSO INCLUDE ONE SUMMER TO WINTER CHANGEOVER AND ONE WINTER TO SUMMER CHANGEOVER, A NEW SET OF FILTERS AT THE TIME OF STARTUP AND TWELVE (12) MONTHLY FILTER CHANGES DURING THE FIRST YEAR. THE NORMAL PREVENTATIVE MAINTENANCE WORK SHALL BE PERFORMED AT THE TIME OF THE FILTER CHANGES. USE ONLY #40 PLEATED TYPE AIR FILTERS.

K. OPERATIONS MANUALS

1. ONE COPY OF EACH OPERATION AND MAINTENANCE MANUAL FOR ALL EQUIPMENT FURNISHED ON THE JOB SHALL BE PROVIDED TO THE TENANT BOUND TOGETHER IN A 3 INCH, THREE RING BINDER. THE BINDER SHALL INCLUDE BUT NOT BE LIMITED TO INSTALLATION, MAINTENANCE AND OPERATING INSTRUCTIONS, PAMPHLETS OR BROCHURES, REVIEWED SHOP DRAWINGS AND WARRANTIES OBTAINED FROM EACH MANUFACTURER OF PRINCIPAL ITEMS OF EQUIPMENT.

L. SLEEVES

1. THE CONTRACTOR SHALL PROVIDE SLEEVES TO PROTECT EQUIPMENT OR FACILITIES IN THE INSTALLATION. EACH SLEEVE SHALL EXTEND THROUGH ITS RESPECTIVE FLOOR, WALL, OR PARTITION AND SHALL BE CUT FLUSH WITH EACH SURFACE EXCEPT SLEEVES THAT PENETRATE THE FLOOR, WHICH SHALL EXTEND 2 INCHES ABOVE THE FLOOR.
2. ALL SLEEVES AND OPENINGS THROUGH FIRE RATED WALLS AND / OR FLOORS SHALL BE FIRE SEALED WITH APPROVED SEALANTS RATED FOR THE APPLICATION SO AS TO MAINTAIN THE FIRE RATING OF THE ASSEMBLY. CONFORM TO THE U.L. ASSEMBLY RATING OF THE FLOOR OR WALL.
3. SLEEVES IN BEARING AND MASONRY WALLS, FLOORS AND PARTITIONS SHALL BE STANDARD WEIGHT STEEL PIPE FINISHED WITH SMOOTH EDGES. FOR OTHER THAN MASONRY PARTITIONS, THROUGH SUSPENDED CEILINGS OR FOR CONCEALED VERTICAL PIPING, SLEEVES SHALL BE 22 GAUGE GALVANIZED STEEL MINIMUM.
4. DUCT SLEEVES SHALL BE MINIMUM 14 GAUGE STEEL.

M. HANGERS

1. HANGERS SHALL INCLUDE ALL MISCELLANEOUS STEEL SUCH AS ANGLE IRON, BANDS, C-CLAMPS WITH RETAINING CLIPS, CHANNELS, HANGER RODS, ETC. NECESSARY FOR THE INSTALLATION OF WORK.
2. HANGERS SHALL BE FASTENED TO BUILDING STEEL, CONCRETE, OR MASONRY, BUT NOT TO PIPING OR DUCTWORK. DUCTWORK SHALL NOT BE SUPPORTED FROM ROOF DECKING AND/OR BRIDGING, BUT SHALL BE SUSPENDED FROM THE TOP CHORD OF BAR JOISTS, STEEL OR OTHER STRUCTURE. DUCTWORK SHALL CLEAR ALL SPRINKLERS AND OTHER OBSTACLES AND SHALL BE HUNG AS HIGH AS POSSIBLE IN WORK AND STORAGE AREAS. WHERE INTERFERENCE'S OCCUR, IN ORDER TO SUPPORT DUCTWORK OR PIPING, THE CONTRACTOR MUST INSTALL TRAPEZE TYPE HANGERS OR SUPPORTS WHICH SHALL BE LOCATED WHERE THEY DO NOT INTERFERE WITH ACCESS TO FIRE DAMPERS, VALVES, ACCESS DOORS AND OTHER EQUIPMENT SERVICE REQUIREMENTS AND/OR OTHER TRADES. HANGER TYPES AND INSTALLATION METHODS ARE SUBJECT TO LANDLORD CRITERIA.
3. HANGERS FOR ALL INSULATED PIPING SHALL BE SIZED AND INSTALLED FOR THE OUTER DIAMETER OF INSULATION. INSTALL 6 INCH LONG SPLIT CIRCLE GALVANIZED SADDLE BETWEEN THE HANGER AND THE PIPE INSULATION.
4. HANGERS AND PIPING OF DISSIMILAR METALS SHALL BE DI-ELECTRICALLY SEPARATED FROM ONE ANOTHER.

N. ACCESS DOORS

1. FURNISH STEEL ACCESS DOORS AND FRAMES, MINIMUM 16 INCHES BY 20 INCHES OR AS REQUIRED FOR ADEQUATE ACCESS TO THE GENERAL CONTRACTOR FOR ALL LOCATIONS WHERE NECESSARY TO PROVIDE ACCESS TO CONCEALED VALVES AND OTHER EQUIPMENT REQUIRING SERVICE OR INSPECTION. LOCATION, TYPE, SIZE AND NUMBER WILL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE TENANT CONSTRUCTION MANAGER TO SUIT EQUIPMENT REQUIREMENTS. GENERAL CONTRACTOR WILL INSTALL ACCESS DOORS AND FRAMES.
2. ACCESS DOORS LOCATED IN FIRE-RATED WALLS, FLOORS, CEILING-FLOOR, OR CEILING-ROOF ASSEMBLIES SHALL BE FIRE RATED, U.L. LISTED AND LABELED.
3. ACCESS DOORS SHALL BE FLUSH TYPE, MANUFACTURED FROM 14 GAUGE STEEL, COMPLETE WITH FLUSH FLANGE TYPE FRAMES MANUFACTURED FROM 16 GAUGE STEEL, PROVIDED WITH ANCHORS. ACCESS DOORS SHALL BE SUITABLE FOR INSTALLATION IN WALL OR CEILING MATERIALS SHOWN IN ROOM FINISH SCHEDULES. PROVIDE ACCESS DOORS FOR ALL CONCEALED VALVES, VENTS, DAMPERS, FIRE DAMPERS, EXPANSION JOINTS, PULL BOXES, SHOCK ABSORBERS, DRAINS, MOTORS, FANS, PUMPS AND ANY OTHER ITEM REQUIRING SERVICE. DOORS IN PLASTER OR CONCRETE SURFACES SHALL HAVE A RECESSED DOOR WITH CONCRETE OR PLASTER FACING. DOORS IN CARPETED OR TILED AREAS SHALL BE RECESSED WITH TILE FACING. NO ACCESS DOORS ARE REQUIRED IN 2' x 2' AND 2' x 4' LAY-IN ACOUSTIC TILE CEILING. PROVIDE COLORED PINS TO DENOTE ACCESS TILES. FURNISH FACTORY MADE METAL ACCESS DOORS, COMPLETELY FLUSH, "ALLAN HEAD" SCREWDRIVER OPERATED, WITH FRAMES AND CAM-TYPE CATCH WITH STAINLESS STEEL STUD. DOORS SHALL BE NOT LESS THAN 1' x 1' FOR HAND ACCESS. DOORS IN WALLS AND CEILING SHALL BE PRIME COATED CARBON STEEL. FURNISH FIRE RATED DOORS FOR FIRE RATED CONSTRUCTION. RATING OF DOOR MUST BE SAME RATING AS CONSTRUCTION.

O. ELECTRIC MOTORS

1. FURNISH, INSTALL AND ALIGN ALL MOTORS REQUIRED FOR THIS EQUIPMENT, UNLESS THEY ARE FACTORY INSTALLED ON THE UNIT. ALL STARTERS AND ASSOCIATED WIRING AND SAFETY SWITCHES FOR SUCH MOTORS SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. STARTERS SHALL MEET ALL REQUIREMENTS AS DEFINED IN THE ELECTRICAL SPECIFICATIONS.
2. DESIGN, CONSTRUCTION AND PERFORMANCE CHARACTERISTICS OF MOTORS SHALL CONFORM TO ALL APPLICABLE PROVISIONS OF LATEST NEMA, ANSI, ISEE STANDARDS FOR ELECTRICAL EQUIPMENT. ALL MOTORS SHALL BE SUITABLE FOR OPERATION ON VOLTAGE VARIATION OF PLUS OR MINUS 10 PERCENT, 40 DEGREES C AMBIENT TEMPERATURE AND HAVE A SERVICE FACTOR OF NOT LESS THAN 1.15.

P. LOW VOLTAGE (24 VOLT) WIRING

1. THE CONTRACTOR IS TO INSTALL ALL LOW VOLTAGE WIRING REQUIRED FOR THEIR EQUIPMENT. THIS WORK INCLUDES ALL TRANSFORMERS AND DEVICES TO MAKE THIS A COMPLETE FUNCTIONAL SYSTEM.
2. ALL WORK IS TO CONFORM TO THE ELECTRICAL SPECIFICATIONS AND THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
3. ANY CONDUIT REQUIRED BY CODE OR THE LANDLORD WILL BE INSTALLED BY THE ELECTRICAL SUBCONTRACTOR.
4. SMOKE DETECTORS AND REMOTE TEST STATION:
   - A. IONIZING TYPE ARE TO BE USED ON THE RETURN SIDE OF THE AHU AND PHOTO-TYPE ARE TO BE USED ON THE SUPPLY SIDE. ON ALL OTHER TYPES OF HVAC UNITS WHERE SMOKE DUCT DETECTORS ARE REQUIRED, USE FIELD INSTALLED IONIZING TYPE IN RETURN DUCTWORK AND PHOTO-TYPE ON THE SUPPLY LOCATED BEFORE THE FIRST TAKEOFF. ONCE ACTIVATED, THE SMOKE DETECTOR WILL SHUT DOWN HVAC UNIT.
   - B. SMOKE DETECTORS SHALL HAVE THEIR OWN REMOTE KEY TEST STATION SYSTEM WITH AUDIBLE AND VISUAL ALARM, SIMPLEX MODEL 4098-9842 OR APPROVED EQUIVALENT. ALARM TO HAVE CANDELA SETTING OF 75 AND A HIGH VOLUME HORN TONE SETTING.
   - C. ALARM SYSTEM MAY BE DELETED WHERE NOT REQUIRED BY LANDLORD OR BY LOCAL CODE.

-- SPECIFIC NOTES --

A. HEATING, VENTILATION AND AIR CONDITIONING

1. BEFORE STARTING WORK, THIS CONTRACTOR SHALL EXAMINE THE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL PLANS AND SPECIFICATIONS TO SEQUENCE, COORDINATE AND INTEGRATE THE VARIOUS ELEMENTS OF THE HVAC SYSTEM, MATERIALS AND EQUIPMENT WITH OTHER CONTRACTORS TO AVOID INTERFERENCE'S AND CONFLICTS.

B. HVAC EQUIPMENT (REFER TO PLANS FOR SCHEDULE OF EQUIPMENT)

1. PRIMARY HVAC UNITS ARE TO BE AS SCHEDULED. EQUIVALENTS MAY BE SUBSTITUTED WITH WRITTEN APPROVAL ONLY. ALL COMPRESSORS ARE TO INCLUDE A 5 YEAR EXTENDED WARRANTY.
2. ALL EQUIPMENT SHALL BE COMPLETE IN EVERY RESPECT WITH ALL DEVICES, APPURTENANCES AND ACCESSORIES PROVIDED TO MEET THE DESIGN INTENT AND OPERATION OF THE SYSTEMS SHOWN ON THE DRAWINGS AND SPECIFIED.
3. EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. ALL AIR CONDITIONING EQUIPMENT MUST HAVE A CONDENSATE DRAIN AND BE TRAPPED IN ACCORDANCE WITH MANUFACTURER'S DATA. SEE DRAWINGS FOR ADDITIONAL DETAILS.
4. SECONDARY DRAIN PANS ARE REQUIRED TO BE INSTALLED BENEATH ALL INDOOR AIR CONDITIONING EQUIPMENT WITH THE EXCEPTION OF AIR TERMINAL BOXES. SECONDARY PANS ARE TO PROTECT ENTIRE UNIT. PROVIDE CONDENSATE PUMPS AS REQUIRED. CONDENSATE SHALL BE DIRECTED TO MOP SINK, LAVATORY TRAP OR OTHER APPROVED DRAIN.

C. TOILET EXHAUST FANS

1. WHERE SHOWN ON DRAWINGS PROVIDE A TOILET EXHAUST FAN COMPLETE WITH GRAVITY BACKDRAFT DAMPER. ALL DUCTWORK, ROOF OPENINGS AND CAPS NECESSARY TO PROVIDE A COMPLETE EXHAUST SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR. REFER TO PLANS FOR APPLICABILITY.

D. BASEBOARD, CABINET AND UNIT HEATERS

1. WHERE SHOWN ON THE DRAWINGS, PROVIDE ELECTRIC HEATERS COMPLETE WITH ELECTRIC HEATING COIL, CONTROLS AND INTEGRAL OR REMOTE THERMOSTAT AS SHOWN.

E. INLINE PUMPS

1. WHERE SHOWN ON DRAWINGS, PROVIDE AN INLINE CLOSE COUPLED PUMP(S), BRONZE FITTED. PUMPS SHALL BE FURNISHED WITH BRONZE CASE WEARING RINGS, BRONZE SHAFT SLEEVE AND MECHANICAL SHAFT SEALS. PUMPS TO BE SO CONSTRUCTED THAT THEY MAY BE MOUNTED IN A HORIZONTAL OR VERTICAL PIPE LINE. MOTOR TO BE 1750 RPM UNLESS NOTED OTHERWISE.

F. VIBRATION ISOLATION DEVICES

1. VIBRATION ISOLATION DEVICES SHALL BE PROVIDED IN ALL SUPPORTS BETWEEN VIBRATING EQUIPMENT (FANS, ROOFTOP UNITS, WATER SOURCE HEAT PUMPS, AIR HANDLERS, FAN POWERED VAV BOXES, ETC.) AND STRUCTURE.
2. VIBRATING EQUIPMENT HUNG FROM STRUCTURE SHALL BE ISOLATED WITH RUBBER AND SPRING DEVICES. VIBRATING EQUIPMENT SUPPORTED FROM FLOOR OR DECK SHALL BE ISOLATED WITH HOUSED SPRING MOUNT DEVICES.
3. EXAMINE DEAD LOAD AND OPERATING LOAD CONDITIONS WHEN SELECTING DEVICES. ADJUST FOR PROPER ALIGNMENT AND LOADING. AVOID "GROUNDING" THE ISOLATOR.
4. CHECK HANGER ROD SIZE FOR ALLOWABLE LOADS AT THE ISOLATING DEVICE AND THE UPPER AND LOWER ATTACHMENTS TO STRUCTURES, DUCTS, EQUIPMENT, ETC.
5. CONSULT MANUFACTURER FOR APPLICATION DATA.

G. CURBS AND STEEL FRAMING FOR SUPPORT

1. THIS CONTRACTOR WILL PROVIDE ALL NECESSARY CURBS AND STEEL FRAMING REQUIRED TO INSTALL ALL HVAC EQUIPMENT. CURBS SHALL BE A MINIMUM OF 14 INCHES HIGH AND OF THE SAME MANUFACTURER AS THE EQUIPMENT SUPPORTED. INSULATE UNDER THE COMPRESSOR SECTION TO PREVENT CONDENSATION. ALL CURBS MUST BE INSTALLED SO THAT THE TOP OF CURBS ARE "DEAD" LEVEL. ALL PENETRATIONS OF EXISTING STRUCTURE SHALL BE DONE IN ACCORDANCE WITH THE LANDLORD'S GUIDELINES AT THIS CONTRACTOR'S EXPENSE. ALL CONNECTIONS TO ROOFTOP EQUIPMENT SHALL BE INSIDE THE CURB (CONDENSATE DRAIN, POWER WIRING, CONTROL WIRING, ETC.).

H. METAL DUCTWORK - NO FIBERGLASS DUCT ALLOWED

1. NO DUCTWORK SHALL BE FABRICATED PRIOR TO APPROVAL BY THE TENANT'S CONSTRUCTION MANAGER. DEVIATIONS FROM DESIGN MUST BE APPROVED BY TENANT'S CONSTRUCTION MANAGER PRIOR TO FABRICATION OR INSTALLATION. ALL DUCT SHOWN AS ROUND ABOVE A CEILING SHALL BE LONGITUDINAL SEAM DUCT AND SPIRAL WHERE EXPOSED, OR AS SHOWN ON THE DRAWINGS.
2. ALL DUCTWORK SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH SMACNA LOW VELOCITY AND "HVAC DUCT CONSTRUCTION STANDARDS MANUAL", LATEST EDITION AND ASHRAE USING PRIME SHEETS OF GALVANIZED STEEL. CONFORM TO THE REQUIREMENTS IN THE REFERENCED STANDARD FOR METAL THICKNESS, REINFORCING TYPES AND INTERVALS, TIE ROD APPLICATIONS AND JOINT TYPES AND INTERVALS. ALL SQUARE ELBOWS SHALL BE PROVIDED WITH DOUBLE WALLED VANES ON MAXIMUM 3" CENTERS. PROVIDE SEAL CLASS "A" ON ALL TRAVERSE JOINTS UNLESS SUPERSEDED BY MORE STRINGENT LOCAL CODES. ALL DUCT CONNECTIONS ARE TO BE RIGID AND LEAK FREE ASSEMBLIES.
3. DURING THE CONSTRUCTION PHASE OF THE PROJECT, ANY DUCTWORK INSTALLED IS TO BE COMPLETELY SEALED UP OF ANY OPENINGS, EITHER AT THE BEGINNING OR END OF A DUCT RUN OR AT A BRANCH, COLLAR DIFFUSER OR REGISTER TO AVOID DIRT OR OTHER CONTAMINANTS FROM ENTERING THE SYSTEM.
4. EXCEPT WHERE OTHERWISE INDICATED, CONSTRUCT DUCT SYSTEMS TO 2-INCH WATER GAUGE PRESSURE CLASSIFICATION (VERIFY WHETHER RETURN OR EXHAUST DUCT IS POSITIVE OR NEGATIVE PRESSURE). PRESSURE TEST DUCTS FOR LEAKAGE. REMAKE LEAKING JOINTS AND APPLY SEALANTS AS REQUIRED TO FABRICATE A SYSTEM THAT DOES NOT EXCEED 5 PERCENT LEAKAGE OR LESS AS STATED BY PRESSURE CLASS RATINGS IN SMACNA STANDARDS.
5. AS A MINIMUM, CROSSBREAK ALL FLAT SURFACES OR REINFORCE WITH A BEAD APPROXIMATELY 3/8 INCH WIDE BY 3/16 INCH DEEP ON 12 INCH CENTERS TO PREVENT VIBRATIONS.
6. INSTALL RIGID ROUND AND RECTANGULAR METAL DUCT WITH SUPPORT SYSTEMS INDICATED IN SMACNA STANDARDS. NO WOOD SHALL BE USED TO SUPPORT OR BRACE DUCTS. PROVIDE SWAY AND SEISMIC BRACING AS REQUIRED BY STATE AND LOCAL CODES OR BY LANDLORD.
7. WHERE DUCTS PASS THROUGH ROOFS, FLOORS AND FIRE RATED PARTITIONS, PROVIDE AS MINIMUM 1-1/2 INCH BY 1-1/2 INCH BY 1/8 INCH STEEL ANGLE FRAMES AT EACH SIDE OF OPENING. THE ANNULAR SPACE BETWEEN DUCT AND ANGLE FRAMES SHALL BE CAULKED WITH SILICONE SEALANT OR FIREPROOFED AS REQUIRED BY THE ASSEMBLY FIRE RATING. CONTRACTOR TO PROVIDE FIRE OR COMBINATION FIRE / SMOKE DAMPERS AT EACH PENETRATION WHERE REQUIRED BY CODE.
8. ALL TRAVERSE JOINTS AND SEAMS IN SUPPLY AIR DUCT SHALL BE SEALED AIR-TIGHT WITH DAP CMC DUCT SEALER. JOINTS ALSO SHALL BE RIVETED OR CONNECTED WITH SHEET METAL SCREWS.
9. SOFT ELASTOMER BUTYL GASKETS WITH ADHESIVE BACKING SHALL BE USED TO SEAL FLANGED JOINTS.
10. DUCT TRANSITIONS SHALL NOT EXCEED 30 DEGREES SLOPE EXCEPT AS SPECIFICALLY NOTED OTHERWISE.
11. PROVIDE ACCESS TO ALL MOTORIZED DAMPERS, FIRE DAMPERS, FIRE / SMOKE DAMPERS, CONTROLS AND OTHER ITEMS IN DUCTWORK THAT REQUIRE SERVICE OR INSPECTION. IF THE ACCESS PANEL LOCATION IS EXPOSED TO THE SALES AREA, IT MUST BE APPROVED BY THE TENANT'S CONSTRUCTION MANAGER PRIOR TO INSTALLATION. LAY-IN SUPPLY AND RETURN AIR DIFFUSERS, GRILLES AND REGISTERS WITH PLASTER FRAMES MAY BE USED AS ACCESS LOCATIONS.
12. ALL BRANCHES AND TAKEOFFS SHALL BE EQUIPPED WITH MANUAL VOLUME CONTROLLING DEVICES HAVING AN INDICATING AND LOCKING DEVICE.

I. FLEXIBLE CONNECTIONS

1. FLEXIBLE COLLARS SHALL BE PROVIDED IN ALL CONNECTIONS BETWEEN VIBRATING EQUIPMENT (FANS, ROOFTOP UNITS, WATER SOURCE HEAT PUMPS, AIR HANDLERS, FAN POWERED VAV BOXES, ETC.) AND DUCTS OR CASINGS. ALSO PROVIDE FLEXIBLE CONNECTIONS WHERE DUCTS CROSS BUILDING EXPANSION JOINTS.
2. FLEXIBLE CONNECTIONS SHALL BE CONSTRUCTED OF NEOPRENE-COATED FLAMEPROOF FABRIC. PROVIDE ADEQUATE JOINT FLEXIBILITY TO ALLOW FOR MOVEMENT AND PREVENT THE TRANSMISSION OF VIBRATION.
3. FLEXIBLE CONNECTIONS ARE TO BE RATED FOR THE OPERATING PRESSURE OF THE SYSTEM.
4. FINAL CONNECTIONS TO EXHAUST FAN(S) SHALL BE WITH A HEAVY AIRTIGHT ACID RESISTANT FIRE RETARDANT FIBERGLASS NEOPRENE CONNECTOR, A MINIMUM OF SIX (6) INCHES IN LENGTH. THE CONNECTOR SHALL BE FASTENED TO EQUIPMENT AND DUCT WITH TWO FLEXIBLE REMOVABLE BRASS STRAPS OR ALTERNATE APPROVED METHOD.

J. THERMOSTATS

1. MOUNT THERMOSTATS 4'-0" (ADA-COMPLIANT), THERMOSTAT SENSORS 5'-0" ABOVE FINISHED FLOORS, OR AS SHOWN ON THE PLANS, AND SET DATE, TIME, TEMPERATURE, ETC. TURN OVER OPERATING INSTRUCTIONS TO TENANT REPRESENTATIVE.

K. FIRE DAMPERS, SMOKE DAMPERS

1. THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL FIRE DAMPERS AS REQUIRED BY LANDLORD AND / OR TENANT CRITERIA AND / OR CODES HAVING JURISDICTION. ALL FIRE DAMPERS SHALL COMPLY WITH THE REQUIREMENTS OF THE BOARD OF FIRE UNDERWRITERS, THE LOCAL FIRE MARSHAL AND SHALL BE LABELED AND APPROVED BY UNDERWRITERS LABORATORIES.
2. FIRE DAMPERS SHALL HAVE THE BLADES OUT OF THE AIR STREAM AND A 165- DEGREE 'F' FUSIBLE LINK.
3. PROVIDE ALL NECESSARY FRAMING AND SLEEVES FOR DAMPER MOUNTING PER UL AND CODE REQUIREMENTS.
4. PROVIDE DUCT ACCESS DOORS IN AN ACCESSIBLE LOCATION FOR ALL FIRE DAMPERS. DOOR IS TO BE 20-GAUGE GALVANIZED DOOR WITH QUICK-OPENING LATCH AND PIANO HINGE.
5. WHERE REQUIRED BY LOCAL CODES, LANDLORD AND IF INDICATED ON DRAWINGS, PROVIDE UL555S SMOKE DAMPER WITH FIRE / HEAT / SMOKE SENSOR, REVERSIBLE MOTOR AND INTERLOCK WITH FIRE ALARM SYSTEM.

L. FLEXIBLE AIR DUCT

1. FLEXIBLE DUCT FOR CONNECTIONS SHALL BE A FACTORY FABRICATED ASSEMBLY CONSISTING OF AN INNER SLEEVE, INSULATION AND AN OUTER MOISTURE BARRIER. THE INNER SLEEVE SHALL BE CONSTRUCTED OF A CONTINUOUS VINYL COATED SPRING STEEL WIRE HELIX FUSED TO A CONTINUOUS LAYER OF FIBERGLASS IMPREGNATED AND COATED VINYL. A 1-1/4" THICK LAYER OF INSULATING BLANKET OF FIBERGLASS WOOL SHALL ENCASE THE INNER SLEEVE AND BE SHEATHED WITH AN OUTER MOISTURE BARRIER OF A BI-DIRECTIONAL REINFORCED METALIZED VAPOR BARRIER. THE FLEXIBLE DUCT SHALL BE RATED FOR A MAXIMUM WORKING VELOCITY OF 6000 FPM AND SHALL BE LISTED BY THE UNDERWRITERS LABORATORIES UNDER THEIR UL-181 STANDARDS AS A CLASS I DUCT AND SHALL COMPLY WITH NFPA STANDARD - 90A. THE FLEXIBLE DUCT SHALL BE THERMAFLEX M-KC OR APPROVED EQUIVALENT. FLEXIBLE DUCT SHALL ROUTE FROM SHEET METAL DUCTWORK TO CEILING DIFFUSERS ONLY. THERE SHALL BE NO EXPOSED FLEXIBLE DUCT.
2. FLEXIBLE AIR DUCT MAY ONLY BE USED IN VERTICAL APPLICATIONS WITH PRIOR APPROVAL FROM THE TENANT'S CONSTRUCTION MANAGER.
3. FLEXIBLE DUCT SHALL NOT EXTEND OVER 5 FEET IN LENGTH AT ANY ONE LOCATION.

M. SUPPLY AND RETURN AIR TAKEOFF FITTINGS

1. RECTANGULAR DUCT
   - A. PROVIDE 45-DEGREE RECTANGULAR TAKEOFFS FROM MAIN DUCTWORK TO RECTANGULAR BRANCHES.
2. SPIRAL DUCT
   - A. PROVIDE SADDLE OR DIRECT CONNECTION OF A BRANCH DUCT INTO A LARGER DUCT. THE DIAMETER OF THE BRANCH SHALL NOT EXCEED TWO THIRDS OF THE DIAMETER OF THE MAIN. PROTRUSIONS INTO THE MAIN ARE NOT ALLOWED.

N. DAMPERS

1. PROVIDE MANUAL LOCKING QUADRANT VOLUME CONTROL DAMPERS WITH HANDLE OPERATORS IN EACH BRANCH DUCT AND AS SHOWN ON PLANS TO FACILITATE AIR BALANCING.
2. WHERE ACCESS TO BALANCING DAMPER IS RESTRICTED OR IN AREAS WITH SHEET ROCK CEILINGS, YOUNG REGULATORS SHALL BE USED.
3. ALL RECTANGULAR DAMPERS IN OUTSIDE AIR AND RELIEF AIR DUCTS ARE TO BE OPPOSED BLADE TYPE. ALL RECTANGULAR DAMPERS IN RETURN AIR DUCTS TO BE PARALLEL BLADE TYPE. ALL OUTSIDE AIR DUCT DAMPERS MUST ALSO BE OF THE LOW LEAKAGE TYPE.
4. ALL MOTORIZED DAMPERS NOT FURNISHED WITH EQUIPMENT ARE TO BE HONEYWELL DAMPERS.

O. DIFFUSERS, GRILLES AND REGISTERS

1. PROVIDE DIFFUSERS, GRILLES AND REGISTERS AS SCHEDULED. DEVICES TO BE COMPLETE WITH FRAMES AND ALL ACCESSORIES. ALL DIFFUSERS, GRILLES AND REGISTERS IN SHEET ROCK CEILINGS TO BE PROVIDED WITH PLASTER FRAMES. FINISH TO BE COORDINATED WITH INTERIOR FINISHES.
2. INSTALL ALL AIR DEVICES AS LOCATED ON THE ARCHITECTURAL REFLECTED CEILING PLAN OR THE MECHANICAL PLAN.

P. DUCTWORK INSULATION

1. ALL NEW SUPPLY AND RETURN AIR DUCTWORK WITHIN 10' OF HVAC UNIT SHALL BE ACOUSTICALLY LINED. DUCT SIZES SHOWN ON THE DRAWING ARE INTERNAL FREE AREA SIZES. INTERNAL LINER SHALL BE 1.5-INCH THICK DUCT LINER EQUIVALENT TO JOHNS MANVILLE "PERMACOTE LINACOUSTIC" ("R VALUE" = 6.3) AND SHALL BE APPLIED TO THE DUCTWORK WITH FIRE RESISTIVE ADHESIVES AND CADMIUM OR COPPER PLATED MECHANICAL FASTENERS.
2. ALL OUTSIDE AIR AND UNEXPOSED DUCTWORK WITHIN BUILDING, EXCEPT WHERE ACOUSTICALLY LINED, SHALL HAVE 2-INCH, FIBERGLASS DUCT WRAP INSULATION WITH FSK FACING EQUIVALENT TO JOHNS MANVILLE "MICROLITE XG TYPE 75" (INSTALLED "R VALUE" = 5.6).
3. LEADING EDGES OF DUCT INSULATION SHALL BE OVERLAPPED BY ADJOINING INSULATION AT LEAST 6 INCHES MINIMUM AND THEN SEALED WITH FOIL VAPOR BARRIER ADHESIVE AND DUCT MASTIC SO THAT NO FIBERGLASS INSULATION IS VISIBLE.
4. ALL INSULATION ON EXISTING PIPING OR DUCTS THAT BECOMES WET, DAMAGED, DISTURBED OR GETS REMOVED SHALL BE REPLACED.
5. INSTALL INSULATION PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICES. INSULATION MUST COMPLY WITH NFPA 90A.
6. ALL INSULATION SHALL HAVE A FLAME SPREAD RATING OF NOT MORE THAN 25 AND A SMOKE DEVELOPED RATING OF NO HIGHER THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM TEST: C411 OR AS REQUIRED BY LOCAL CODES.
7. EXTERIOR SUPPLY AND RETURN DUCT INSULATION:
   - A. SERVICE: RECTANGULAR, SUPPLY-AIR AND RETURN-AIR DUCTS.
     - A.1. MATERIAL: INSULATION BOARD, 6 PSF MINIMUM AND PLAIN FACING.
     - A.2. THICKNESS: 2 INCHES.
     - A.3. NUMBER OF LAYERS: TWO.
     - A.4. TOTAL THICKNESS = 4".
     - A.5. VAPOR RETARDER REQUIRED: YES.
   - B. INORGANIC GLASS FIBERS PREFORMED AND BONDED BY THERMOSETTING RESIN. MUST COMPLY WITH ASTM C 612, TYPE IA & IB, KNAUF INSULATION OR APPROVED EQUIVALENT.
   - C. INSULATION INSTALLED OUTDOORS: FLAME SPREAD RATING OF 25 OR LESS AND SMOKE DEVELOPED RATING OF 50 OR LESS.
8. APPLY INSULATION AS FOLLOWS:
   - A. APPLY TWO-LAYER INSULATION WITH JOINTS TIGHTLY BUTTED AND STAGGERED AT LEAST 3 INCHES. SECURE LAYERS WITH ADHESIVE, MECHANICAL FASTENERS OR BANDING. FASTENERS SHALL BE LOCATED A MAXIMUM OF 3" FROM EACH EDGE AND NO GREATER THAN 12" APART.
   - B. ON EXPOSED APPLICATIONS, FINISH INSULATION WITH A SKIM COAT OF MINERAL-FIBER, HYDRAULIC-SETTING CEMENT TO SURFACE OF INSTALLED INSULATION. WHEN DRY, APPLY FLOOD COAT OF LAGGING ADHESIVE AND PRESS ON ONE LAYER OF GLASS CLOTH OR TAPE. OVERLAP EDGES AT LEAST 1 INCH (25 MM). APPLY FINISH COAT OF LAGGING ADHESIVE OVER GLASS CLOTH OR TAPE. THIN THE FINISH COAT TO ACHIEVE SMOOTH FINISH. OUTDOOR JACKET: POLYGUARD PRODUCTS, INC. 'ALUMAGUARD 60' OR MFM BUILDING PRODUCTS CORP. 'FLEXCLAD 400'.

Q. SYSTEM CLEANOUT

1. UPON COMPLETION OF INSTALLATION, CLEAN ENTIRE SYSTEM BEFORE INSTALLING AIR OUTLETS. CONTRACTOR TO PROVIDE A CERTIFICATION THAT CLEANING WAS ACCOMPLISHED PRIOR TO PROJECT CLOSEOUT.
2. FILTERS MUST BE IN UNITS AT ANY TIME FANS ARE OPERATED.

R. SYSTEM TESTING, ADJUSTING AND BALANCING

1. TESTING, ADJUSTING AND BALANCING OF ALL WORK SHALL BE COMPLETED BY AN INDEPENDENT CONTRACTOR WHO IS CURRENTLY LICENSED BY THE ASSOCIATED AIR BALANCING COUNCIL (AABC) OR NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB). NO OTHER BALANCE REPORTS WILL BE REVIEWED OR ACCEPTED. ALL BALANCING WORK MUST BE COMPLETE AND DONE IN ACCORDANCE WITH THE MOST RECENT STANDARDS OF THEIR SOCIETY. PAYMENT OF ALL COSTS FOR TESTING SHALL BE MADE BY THE HVAC CONTRACTOR.
2. THE CONTRACTOR SHALL INSTALL NEW FILTERS IN ALL UNITS PRIOR TO THE AIR BALANCING. THE COMPLETE AIR BALANCE SHALL TAKE PLACE WITH OUTSIDE AIR DAMPERS IN MINIMUM POSITION.
3. BALANCE AIR AND WATER QUANTITIES TO WITHIN PLUS OR MINUS 5 PERCENT OF THAT INDICATED ON THE DRAWINGS. ANY REQUIRED CHANGES IN SHEAVES, BELTS, PULLEYS OR THE ADDITION OF DAMPERS REQUIRED TO ACHIEVE SPECIFIED FLOW RATES SHALL BE PROVIDED BY THE HVAC CONTRACTOR WITH NO ADDITIONAL COST TO THE TENANT.
4. THE BALANCE REPORT SHALL INCLUDE AS A MINIMUM THE FOLLOWING INFORMATION:
   - A. AABC OR NEBB CERTIFICATION NUMBER AND SIGNATURE OF BALANCING CONTRACTOR.
   - B. INSTRUMENTATION LIST WITH LAST CALIBRATION DATES.
   - C. MAKE AND MODEL NUMBERS OF ALL HVAC EQUIPMENT TESTED.
   - D. AIR CFM AND STATIC PRESSURE READINGS (DISCHARGE AND SUCTION) AS MEASURED BY PITOT TUBE DUCT TRAVERSE AT THE UNITS.
   - E. MOTOR NAMEPLATE DATA WITH ACTUAL FIELD VOLTAGE AND AMPERAGE READINGS FOR EACH LEG.
   - F. MOTOR AND FAN RPM, SHEAVE SIZES AND BELT SIZES AND LENGTHS.
   - G. OUTSIDE, RETURN, MIXED AND SUPPLY AIR TEMPERATURES AT FULL COOLING.
   - H. WATER BALANCE DATA INCLUDING GPM WITH INLET AND OUTLET TEMPERATURE AND PRESSURE READINGS.
   - I. MAKE AND MODEL NUMBERS OF ALL AIR DISTRIBUTION EQUIPMENT.
   - J. FINAL BALANCED AIR VOLUMES AT ALL OUTLETS (INCLUDING RETURNS WHERE DUCTED).
   - K. INDEXED PLAN WITH DIFFUSER AND RETURN LOCATIONS.
5. ALL CONTROL SEQUENCES SHALL BE TESTED AND OPERATING STATUS RECORDED IN THE REPORT.
6. THREE COPIES OF THE BALANCE REPORT SHALL BE SUBMITTED THROUGH THE GENERAL CONTRACTOR TO THE TENANT'S CONSTRUCTION MANAGER FOR REVIEW AND COMMENT.
7. THE BALANCING CONTRACTOR SHALL PERFORM ALL APPLICABLE TESTING AND BALANCING FUNCTIONS REQUIRED FOR THE SYSTEM DESIGNED IN THESE DRAWINGS. THE BALANCING CONTRACTOR SHALL RECHECK ANY ITEMS THAT THE TENANT DEEMS NECESSARY AT NO ADDITIONAL COST TO THE TENANT.
8. FINAL BALANCE REPORT SHALL BE INCLUDED IN THE OPERATION AND MAINTENANCE MANUAL.

S. FINAL HVAC INSPECTIONS

1. ASIDE FROM NORMAL INTERIM INSPECTIONS OF WORK IN PLACE, THE TENANT SHALL HAVE THE RIGHT TO HAVE AN INDEPENDENT HVAC CONTRACTOR INSPECT THE FINISHED HVAC INSTALLATION UPON COMPLETION FOR COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND CODES. THE INSTALLING CONTRACTOR WILL BE RESPONSIBLE TO BRING ALL ITEMS REPORTED BY THE INDEPENDENT HVAC CONTRACTOR UP TO PLANS AND SPECIFICATIONS REQUIREMENTS AT NO ADDITIONAL COST TO THE TENANT.

T. INDOOR AIR QUALITY

1. NO ANALYSIS HAS BEEN MADE WITH REGARD TO SOURCES OR POTENTIAL SOURCES OF INDOOR OR OUTDOOR AIR CONTAMINANTS OR LEVELS OF CONTAMINATION.
2. IT IS THE RESPONSIBILITY OF THE GENERAL AND MECHANICAL CONTRACTOR TO INFORM THE TENANT'S REPRESENTATIVE, LANDLORD AND TENANT'S ARCHITECT IF ANY SOURCE OR POTENTIAL SOURCE OF INDOOR AIR CONTAMINATION IS IDENTIFIED.
3. PRIOR TO ENCLOSING SPACES SUCH AS PLUMBING CHASES, AIR SHAFTS AND RETURN AIR PLENUMS CLEAN ALL AREAS THOROUGHLY. THE CONTRACTOR SHALL GUARANTEE THAT THE PLENUM CHAMBER USED FOR RE-CIRCULATING OF AIR WILL BE OF TIGHT CONSTRUCTION AND THAT ALL SOURCES OF CONTAMINATION FROM TRAPS, SOIL STACKS, DOWNSPOUTS, VENTS, EXHAUST DISCHARGES AND OTHER SOURCES WILL BE ENCLOSED SO THAT NO CONTAMINATED AIR WILL BE RE-CIRCULATED.
4. PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES SHUT OFF THE HVAC SYSTEM, BLOCK OFF ALL AIR GRILLS, DIFFUSERS AND OTHER OPENINGS OUTSIDE THE IMMEDIATE CONSTRUCTION AREA. OPENINGS TO ADJACENT TENANT SPACES SHALL BE COVERED WITH FILTER MEDIA TO PREVENT DUST AND OTHER AIRBORNE CONTAMINANTS FROM PASSING TO ADJOINING SPACES.
5. CONTRACTOR TO INSTALL TEMPORARY EXHAUST SYSTEM TO VENTILATE CONSTRUCTION SITE AND KEEP SITE UNDER SLIGHT NEGATIVE PRESSURE DURING ALL HOURS OF CONSTRUCTION, EVEN IF AFTER NORMAL BUSINESS HOURS.
6. CONTRACTOR TO INSTALL TEMPORARY BARRIERS TO PROTECT ADJACENT SPACES FROM DUST, PARTICULATES, VAPORS AND NOISE. WHERE TEMPORARY BARRIERS ARE INSTALLED ALWAYS MAINTAIN FIRE EXITS AND EXITWAYS.

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DATE:	ISSUE:
08.29.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE: NO.: REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: VOC
SCALE: AS NOTED	CHECKED BY: RAH
DATE: 10.03.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: RAH

DIALECTIC ENGINEERING

DRAWING NAME: MECHANICAL SPECIFICATIONS

DRAWING NO.: M0.1

FIRM REGISTRATION NO.:

ROBERT A. HARRIS LICENSE No. 68695 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEAL 09.29.22

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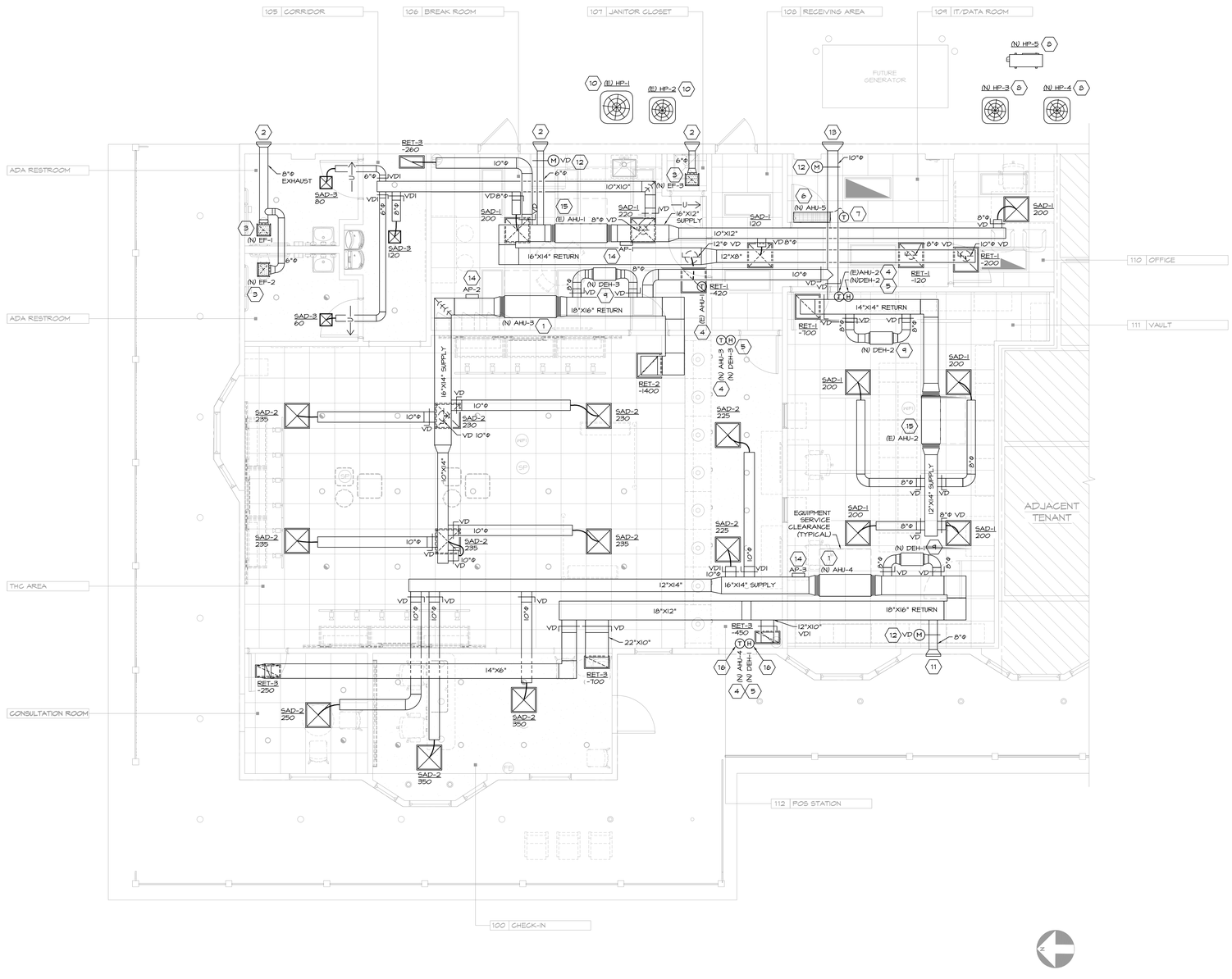
SEAL

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED



THE GENERAL CONTRACTOR IS RESPONSIBLE AT THE BEGINNING OF THE PROJECT TO MEASURE THE SPACE WHILE REVIEWING THE ARCHITECT'S DRAWINGS TO VERIFY THAT THE INFORMATION CONTAINED IN THE MECHANICAL DOCUMENTS, ON WHICH HE/SHE QUOTED TO THE CLIENT, ARE COMPATIBLE WITH THE WORK TO BE PERFORMED AND THAT ALL SPACES ARE SUFFICIENT IN SIZE FOR THE WORK TO BE COMPLETED INCLUDING WIDTHS, LENGTHS, HEIGHTS, ETC.

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

LEGEND

- CEILING SUPPLY AIR DIFFUSER (SAD)
- CEILING SUPPLY AIR DIFFUSER WITH BLANK-OFF SECTION
- CEILING RETURN AIR GRILLE (RET)
- EXHAUST FAN
- LINEAR SUPPLY/RETURN DIFFUSER (LENGTH PER PLANS)
- DUCT MOUNTED DIFFUSER
- WALL TRANSFER GRILLE (TG)
- THERMOSTAT
- TEMPERATURE SENSOR
- HUMIDISTAT
- HUMIDISTAT SENSOR
- CARBON DIOXIDE SENSOR
- CARBON MONOXIDE SENSOR
- NEW DUCT
- NEW FLEX DUCT
- VD — VOLUME DAMPER
- VDI — VOLUME DAMPER W/ REMOTE OPERATOR
- SAD 100 — TYPE OF AIR DEVICE / AIR QUANTITY (CFM)
- Z x Y — X, INCHES, SIDE OF DUCT SHOWING
- M — MOTORIZED DAMPER
- FD — FIRE DAMPER
- SD — SMOKE DAMPER
- FSD — FIRE / SMOKE DAMPER
- S — SMOKE DETECTOR SUPPLY - PHOTOELECTRIC
- S — SMOKE DETECTOR RETURN - IONIZATION
- (E) — EXISTING
- (R) — RELOCATE
- (N) — NEW
- FIELD CONNECTION
- U — DOOR UNDER CUT
- SUPPLY AIR FLOW
- RETURN AIR FLOW

NOTE:
SYMBOL LIST SHOWN IS FOR GENERAL REFERENCE ONLY. THE PRESENCE OF A SYMBOL DOES NOT IMPLY ITS USE ON THIS PROJECT. REFER TO DRAWINGS FOR SPECIFIC SYMBOLS USED.

KEY NOTES

1. PROVIDE AIR HANDLING UNIT. INSTALL UNIT LEVEL FOR PROPER CONDENSATE DRAINAGE. SUPPORT UNIT FROM STRUCTURE ABOVE WITH CHANNEL AND ALL-THREAD ROD WITH SPRING VIBRATION ISOLATORS. PROVIDE FLEXIBLE CONNECTORS ON THE SUPPLY AND RETURN AIR DUCT CONNECTIONS.
2. PROVIDE LOUVER IN WALL EQUAL TO RUSKIN ELF375DXD SIZE 12"W X 12"H OR SIMILAR WITH FREE AREA OF 0.36 SF. PROVIDE WITH BIRD SCREEN AND EXTENDED SILL. ARCHITECT SHALL SPECIFY COLOR OF KYNAR FINISH.
3. PROVIDE CEILING MOUNTED EXHAUST FAN. TRANSITION FROM FAN DISCHARGE TO DUCT SIZE SHOWN AND EXTEND TO EXTERIOR WALL LOUVER.
4. PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT WITH TEMPERATURE SENSING CAPABILITY, AUTO-CHANGEOVER AND AUTOMATIC START CAPABILITY. MOUNT THERMOSTAT 48" ABOVE FINISHED FLOOR. PROVIDE WITH CLEAR ACRYLIC LOCKING COVER.
5. PROVIDE HUMIDITY CONTROLLER WITH INTEGRAL SENSOR ON WALL COMPATIBLE WITH DEHUMIDIFIER. MOUNT BOTTOM OF SENSOR AT 48" ABOVE FINISHED FLOOR.
6. PROVIDE WALL MOUNTED DUCTLESS SPLIT SYSTEM AIR HANDLING UNIT. INSTALL UNIT LEVEL FOR PROPER CONDENSATE DRAINAGE. PROVIDE WITH CONDENSATE PAN AND OVERFLOW SWITCH. MOUNT UNIT 12" ABOVE DOOR HEIGHT PER MANUFACTURERS INSTALLATION INSTRUCTIONS.
7. PROVIDE WIRED REMOTE CONTROLLER FOR DUCTLESS SPLIT SYSTEM. MOUNT AT 48" ABOVE FINISHED FLOOR.
8. PROVIDE HEAT PUMP CONDENSING UNIT AND CONCRETE HOUSEKEEPING PAD IN ACCORDANCE WITH JURISDICTIONAL REQUIREMENTS. PROVIDE MANUFACTURER'S RECOMMENDED TYPE AND SIZE OF REFRIGERANT PIPING FROM AIR HANDLING UNIT TO HEAT PUMP CONDENSING UNIT. PROVIDE PIPE PENETRATIONS THROUGH WALL AND SUPPORTS. INSULATE PIPING WITH 1" THICK ARMAFLEX AP. PAINT INSULATION LOCATED OUTDOORS WITH ARMAFLEX WB FINISH. TRAP AND SLOPE LINES PER MANUFACTURER'S RECOMMENDATIONS.
9. PROVIDE DEHUMIDIFICATION UNIT. INSTALL UNIT LEVEL FOR PROPER CONDENSATE DRAINAGE. SUPPORT UNIT FROM STRUCTURE ABOVE WITH CHANNEL AND ALL-THREAD ROD WITH SPRING VIBRATION ISOLATORS. PROVIDE FLEXIBLE DUCT CONNECTORS ON THE SUPPLY AND RETURN DUCT CONNECTIONS.
10. EXISTING HEAT PUMP CONDENSING UNIT TO REMAIN. CLEAN UNIT, GREASE ALL BEARINGS, LEAK-CHECK AND CHARGE REFRIGERANT SYSTEM, AND CLEAN COIL.
11. PROVIDE LOUVER IN WALL EQUAL TO RUSKIN ELF375DXD SIZE 14"W X 12"H OR SIMILAR WITH FREE AREA OF 0.36 SF. PROVIDE WITH BIRD SCREEN AND EXTENDED SILL. ARCHITECT SHALL SPECIFY COLOR OF KYNAR FINISH.
12. TAP RETURN AIR DUCT WITH OUTSIDE AIR (O/A) DUCT AND EXTEND TO LOUVER ON EXTERIOR WALL. PROVIDE (1) MANUAL DAMPER AND (1) 120 VOLT MOTORIZED DAMPER AS INDICATED. SET MANUAL DAMPER TO PROVIDE SCHEDULED OUTSIDE AIR CFM. MOTORIZED DAMPER SHALL FULLY OPEN DURING OCCUPIED HOURS AND FULLY CLOSE DURING UNOCCUPIED PERIODS.
13. PROVIDE LOUVER IN WALL EQUAL TO RUSKIN ELF375DXD SIZE 20"W X 12"H OR SIMILAR WITH FREE AREA OF 0.54 SF. PROVIDE WITH BIRD SCREEN AND EXTENDED SILL. ARCHITECT SHALL SPECIFY COLOR OF KYNAR FINISH.
14. PROVIDE DUCT MOUNTED AIR PURIFICATION NEEDLEPOINT IONIZATION SYSTEM TO BE POWERED BY ASSOCIATED UNIT 24 VAC CONTACTS. VERIFY PROPER ACCESS AND MANUFACTURER REQUIRED CLEARANCES ARE OBSERVED IN FIELD.
15. EXISTING AIR HANDLING UNIT TO BE RELOCATED AS SHOWN. SUPPORT UNIT FROM STRUCTURE ABOVE WITH CHANNEL AND ALL-THREAD ROD WITH SPRING VIBRATION ISOLATORS. CLEAN UNIT, GREASE ALL BEARINGS, LEAK-CHECK AND CHARGE REFRIGERANT SYSTEM, REPLACE FILTERS, AND CLEAN COILS. PROVIDE FLEXIBLE CONNECTORS ON THE SUPPLY AND RETURN AIR DUCT CONNECTIONS. RESHEAVE MOTOR AS REQUIRED TO DELIVER SPECIFIED AIRFLOW.
16. INSULATE EXTERIOR WALL BEHIND SENSOR AND THERMOSTAT AND CAULK WIRE PENETRATION THROUGH WALL.

TEMPERATURE/HUMIDITY SETPOINTS

VAULT SET POINTS:

CONSTANT COOLING:	67°F
CONSTANT HEATING:	65°F
DEHUMIDIFICATION:	52% RH
T-STAT DEAD BAND:	±2°F
DEHUMIDIFICATION DEAD BAND:	±5%

SALES/BACK OF HOUSE SET POINTS:

OCCUPIED COOLING:	68°F
OCCUPIED HEATING:	66°F
UNOCCUPIED COOLING:	85°F
UNOCCUPIED HEATING:	55°F
DEHUMIDIFICATION:	55% RH
T-STAT DEAD BAND:	±2°F
DEHUMIDIFICATION DEAD BAND:	±5%

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DATE:	ISSUE:
08.29.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside

LOCATION:
2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: VOC
SCALE: AS NOTED	CHECKED BY: RAH
DATE: 10.03.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: RAH

DIALECTIC ENGINEERING

DRAWING NAME:
MECHANICAL PLAN & NOTES

DRAWING NO.:
M1.1

FIRM REGISTRATION NO.:

ROBERT A. HARRIS LICENSE No. 68695 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/3/22

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY ROBERT A. HARRIS ON THE DATE ADJACENT TO THE STAMP BASED USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED BY A 3RD PARTY CERTIFICATE AUTHORITY ON ANY ELECTRONIC COPY. FAC 61G15-23.004

SEAL

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH ALL NATIONAL, STATE, & LOCAL CODES AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL HVAC WORK IS PROVIDED AND INSTALLED IN STRICT ACCORDANCE WITH SEISMIC REQUIREMENTS.
2. THE CONTRACTOR SHALL PREPARE AND FILE ALL REQUIRED PLANS AND PERMITS WITH THE LOCAL BUILDING DEPARTMENT AND SHALL PAY ALL FILING FEES AS REQUIRED. THE CONTRACTOR SHALL OBTAIN ALL AUTHORITIES AND SHALL PAY ALL WORK PERMITS, INSPECTIONS, AND WRITE-OFFS AS REQUIRED TO EXECUTE THIS WORK IN A MANNER IN CONFORMANCE WITH THE CODES AND AUTHORITIES HAVING JURISDICTION.
3. GENERAL CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH LANDLORD'S ON-SITE OPERATIONS MANAGER.
4. CONTRACTOR TO COORDINATE UNIT SIZES AND ACCESS THROUGH EXISTING BUILDING ENTRYWAYS, ELEVATORS, STAIRWELLS, WINDOWS, ETC. PRIOR TO ORDER. TEMPORARY REMOVALS FOR UNIT MANEUVERABILITY SHALL BE INCLUDED WITHOUT ANY ADDITIONAL COST TO THE TENANT.
5. DO NOT SCALE FROM THESE DRAWINGS.
6. THE CONTRACTOR SHALL PERFORM ALL TESTS AND ARRANGE FOR ALL INSPECTIONS FOR WORK UNDER THEIR CONTRACT AS REQUIRED BY LAW AND SHALL SUPPLY ALL CERTIFICATES OF INSURANCE AS REQUIRED BY THE LAW AND THE OWNER.
7. ALL REMOVALS PERFORMED UNDER THIS CONTRACT SHALL INCLUDE REMOVAL OF ALL DEBRIS AND DISPOSAL AT AN APPROPRIATE SITE. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR DEMOLITION WORK. ANY UNUSED EXISTING MECHANICAL EQUIPMENT AND ASSOCIATED DUCTWORK, DIFFUSERS, CONTROLS, WIRING, ETC. SHALL BE REMOVED IN THEIR ENTIRETY AND SHALL NOT BE ABANDONED IN PLACE UNLESS OTHERWISE NOTED BY THE CONSTRUCTION DOCUMENTS.
8. THE EXACT MOUNTING HEIGHTS AND LOCATIONS OF ALL HVAC EQUIPMENT SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL OTHER MECHANICAL, ELECTRICAL, ARCHITECTURAL, PLUMBING, SPRINKLER, AND STRUCTURAL SYSTEMS. RUN DUCTWORK AS TIGHT TO STRUCTURE AS POSSIBLE AND COORDINATE ROUTING IN FIELD. ENSURE ANY CRITICAL ACCESS POINTS ON ALL MECHANICAL EQUIPMENT IS MAINTAINED AFTER CONSTRUCTION IS COMPLETED.
9. THE FINISH AND COLOR OF THE AIR DEVICES, AND ALL OTHER EXPOSED HVAC EQUIPMENT SHALL BE COORDINATED WITH THE ARCHITECT.
10. CONTRACTOR SHALL COORDINATE ALL ROOFING WORK WITH LANDLORD'S APPROVED ROOFING CONTRACTOR. CONTRACTOR TO INSPECT ALL EXISTING ROOF PENETRATIONS TO REMAIN. IF REQUIRED G.C. SHALL HIRE ROOFING CONTRACTOR TO PATCH & REPAIR ROOF INCLUDING NEW FLASHINGS, BOOTS, PORTALS, (ETC.) AS DEEMED NECESSARY UPON INSPECTION.
11. CONTRACTOR SHALL COORDINATE WITH SPECIFICATIONS AND PROVIDE ACOUSTICAL INSULATION ON THE FIRST 10'-0" OF SUPPLY DUCTWORK (OR AS DESIGNATED BY CODE). USE A MINIMUM R6 FIBERGLASS ACOUSTIC DUCT LINER, AND ALL EXPOSED, RAW LINER EDGES SHALL BE CAPPED WITH SHEET METAL NOSING.
12. VERIFY ALL EQUIPMENT VOLTAGES & AVAILABLE AMPERAGE WITH THE ELECTRICAL CONTRACTOR PRIOR TO BID.
13. PROVIDE DISCONNECT SWITCHES FOR ALL HVAC EQUIPMENT.
14. THE FINAL LOCATION OF AIR DEVICES SHALL BE COORDINATED WITH THE REFLECTED CEILING PLAN AND ALL OTHER MECHANICAL, ELECTRICAL, SPRINKLER, AND ARCHITECTURAL.
15. DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET STEEL IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE ASHRAE, NFPA, AND SMACNA GUIDE RECOMMENDATIONS. SIZES AS SHOWN INDICATE INSIDE CLEAR DIMENSIONS OF THE AIR PASSAGE.
16. ALL INTERIOR & EXTERIOR SUPPLY, OUTSIDE AIR, AND RETURN DUCTWORK SHALL BE INSULATED PER THE MECHANICAL GENERAL SPECIFICATIONS & APPLICABLE CODES. INTERIOR EXPOSED DUCTWORK SHALL BE INTERNALLY INSULATED TO PREVENT CONDENSATION.
17. DUCT SIZES SHALL BE VERIFIED FOR CLEARANCES AT THE JOB SITE PRIOR TO FABRICATION. ALL DEVIATIONS FROM ORIGINAL CONTRACT DRAWINGS SHALL BE REVIEWED BY THE ENGINEER DURING THE SHOP DRAWING PROCESS.
18. PROVIDE ELBOWS OR TEES WITH TURNING VANES FOR ALL CHANGES OF DUCT DIRECTION. PROVIDE SPLITTER DAMPERS WITH LOCKING QUADRANTS IN ALL TEES.
19. PROVIDE MANUAL BALANCING DAMPERS AS REQUIRED TO PROPERLY BALANCE EACH INDIVIDUAL AIR DISTRIBUTION SYSTEM. IF THE LOCATION OF THE BALANCING DAMPER IS NOT DEFINED ON THE DRAWINGS, THE FOLLOWING MINIMUM STANDARDS SHALL GOVERN. ALL SUPPLY, RETURN, AND EXHAUST MAIN BRANCHES FROM TRUNKS, EACH SPLIT AND ALL SUB-BRANCHES FROM MAINS SHALL INCORPORATE BALANCING DAMPERS. CABLE OPERATED MANUAL BALANCING DAMPERS SHALL BE PROVIDED IN AREAS WITH INACCESSIBLE OR HIGH CEILINGS. THE CABLE OPERATED DAMPER SHALL BE OUTSIDE OF THE AIRSTREAM. THE CONTRACTOR SHALL COORDINATE THE TYPE AND LOCATION OF THE REMOTE ACCESS POINT WITH THE ARCHITECT / OWNER.
20. COORDINATE INSTALLATION, DEFLECTION SETTING, ETC. FOR DIFFUSERS, GRILLES, REGISTERS, IN FIELD.
21. MAINTAIN ALL EXHAUST TERMINATIONS A MINIMUM OF 10'-0" FROM FRESH AIR INTAKES OR OPERABLE WINDOWS, OR AS DIRECTED BY LOCAL CODES.
22. AN INDEPENDENT TESTING AND BALANCING AGENCY CERTIFIED BY THE AABC OR NEBB SHALL BE ENGAGED TO TEST AND BALANCE THE HVAC SYSTEMS. SYSTEMS SHALL BE BALANCED TO PLUS / MINUS 10% OF DESIGN REQUIREMENTS. CONTRACTOR SHALL PLACE ALL SYSTEMS AND EQUIPMENT INTO FULL OPERATION FOR TESTING AND BALANCING. ONE COPY OF THE FINAL TEST AND BALANCE REPORT WITH THE AABC OR NEBB NATIONAL PERFORMANCE GUARANTY SHALL BE SENT DIRECTLY TO THE ENGINEER OF RECORD.
23. SUBSTITUTIONS FOR DIFFUSERS / GRILLES SHALL BE SUBMITTED TO ARCHITECT FOR APPROVAL / REVIEW PRIOR TO PURCHASE.
24. CONTRACTOR SHALL PROVIDE NEW FILTERS FOR HVAC UNITS BEFORE TURNING ON FOR THE FIRST TIME AFTER CONSTRUCTION IS COMPLETED. HVAC EQUIPMENT SHALL NOT RUN DURING CONSTRUCTION UNLESS FILTERS ARE INSTALLED.
25. MECHANICAL CONTRACTOR SHALL PROVIDE FIRE DAMPERS IN ANY EXISTING OR NEW DUCTWORK THAT PENETRATES A FIRE RATED PARTITION AS REQUIRED BY CODE TO MAINTAIN THE RATING OF THE PENETRATED ASSEMBLY.
26. VERIFY EXACT SIZES OF ALL EXISTING DESIGN COMPONENTS INDICATED FOR REUSE IN FIELD AND CONTACT ENGINEER / ARCHITECT WITH DISCREPANCIES PRIOR TO BID.
27. PROVIDE FLEXIBLE CONNECTORS AT ALL DUCT CONNECTIONS TO VIBRATING EQUIPMENT. THESE CONNECTORS SHALL BE INSTALLED IN CLOSE PROXIMITY TO SUCH EQUIPMENT.
28. ALL ACCESS DOORS REQUIRED IN GENERAL CONSTRUCTION SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. IT IS THE RESPONSIBILITY OF THE HVAC CONTRACTOR TO IDENTIFY SIZE, TYPE AND LOCATION OF SUCH DOORS FOR PROPER ACCESS TO ALL CONCEALED HVAC EQUIPMENT, VALVES AND OTHER RELATED EQUIPMENT. THE HVAC CONTRACTOR SHALL IDENTIFY THESE REQUIREMENTS ON A COORDINATED SHOP DRAWING PRIOR TO SYSTEM FABRICATION AND INSTALLATION.
29. ALL CEILING-MOUNTED EQUIPMENT MUST BE SUPPORTED DIRECTLY FROM THE BUILDING STRUCTURE WITH COMBINATION SPRING AND NEOPRENE-IN-SHEAR HANGERS AND ROD. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED TO ADEQUATELY SUPPORT THE LOAD.
30. FLEXIBLE DUCTWORK FROM HARD DUCT TO CEILING DIFFUSERS SHALL BE LIMITED IN LENGTH TO 5 FEET.
31. ALL REFRIGERANT PIPING / TUBING SHALL BE INSULATED WITH 1" THICK INSULATION.
32. CONDENSATE PIPING SHALL MATCH TO MATCH EXISTING AND IN ACCORDANCE WITH ALL JURSIDICTIONAL REQUIREMENTS. PROVIDE WITH ½" INSULATION.
33. ALL PIPING SHALL BE CLEARLY AND DISTINCTLY IDENTIFIED WITH PRE-MANUFACTURED PIPE MARKERS.
34. CONTRACTOR TO COMPLY WITH BUILDING / LANDLORD CRITERIA, DESIGN CRITERIA, STANDARD PRACTICES AND LOCAL CODE / ORDINANCE REQUIREMENTS WHEN COMMENCING WORK. THESE REQUIREMENTS SHALL SUPERSEDE ANY AND ALL INFORMATION ON THE DRAWINGS UNLESS AGREEMENT TO THE CONTRARY DURING THE BID PROCESS WHEREAS THE CLIENT WILL BE EXCLUDED FROM INCURRING ANY ADDITIONAL COSTS. THE GENERAL CONTRACTOR SHALL OVERSEE THE EXECUTION AND COMPLETION OF THESE ITEMS ALSO AT NO ADDITIONAL COST TO THE CLIENT. ANY DISCREPANCIES OR INCONSISTENCIES CONCERNING THESE REQUIREMENTS AFTER THE PROJECT IS AWARDED SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OWNER AND TENANT FOR APPROVAL PRIOR TO COMMENCING WORK. ANY UPGRADES TO THE DESIGN / SCOPE OF WORK TO CONFORM TO THE PRECEDING REQUIREMENTS AT THIS JUNCTURE WILL THEN BE AT THE TENANT'S EXPENSE.
35. SINCE CODES VARY ACROSS REGIONS, IT IS THE GENERAL AND SUBCONTRACTOR'S RESPONSIBILITY TO REVIEW THE CONSTRUCTION DRAWINGS DURING BIDDING AND INCLUDE IN THEIR BID ANY ALTERNATE CODE RELATED RECOMMENDATIONS / DETAILS OR SPECIFICATIONS. IF THERE ARE ANY PROPOSED ALTERATION EQUIPMENT / INSTALLATION CHANGES, THEN THE COSTS FOR THESE CHANGES ARE TO BE EQUAL TO OR GREATER IN VALUE TO THE ITEMS AND QUANTITIES MENTIONED IN THE ORIGINAL CONSTRUCTION DRAWINGS AND THE CHANGES SHALL BE SUBMITTED TO THE ARCHITECT / ENGINEER FOR REVIEW AND APPROVAL. CONTRACTORS WHO DO NOT ADHERE TO THIS REQUIREMENT WILL BE RESPONSIBLE FOR INCURRING THE ADDED COSTS REQUIRED FOR THE DESIGN TO COMPLY WITH LOCAL CODE.
36. THE CONTRACTOR, IN REGARDS TO ANY SAWCUTTING, COREDRILLING OR ANY PENETRATING OF A CONCRETE SLAB, FLOOR AND/OR ROOF, IS REQUIRED TO SURVEY DURING BIDDING TO DETERMINE ANY ISSUES, INCLUDING BUT NOT LIMITED TO, NECESSITY OF X-RAYING OF A CONCRETE SLAB, WHERE SUCH MATERIAL BEING PENETRATED IS NOT PROJECTED AND/OR ROUTED INTO A SPACE(S) THAT CREATES A NON-CODE COMPLIANT CONDITION, THE NEED FOR WEATHERSTRIPPING, WATERPROOFING OR OTHER CONDITION AND TO NOTIFY THE OWNER IF A PROBLEM(S) MAY EXIST AND TO INCLUDE COSTS TO SOLVE THE ISSUE UNCOVERED, IN ADDITION TO, NOTIFYING THE ARCHITECT OF RECORD REGARDING SUCH ISSUE(S).
37. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CHANGES TO APPLICATIONS NOT CONSISTENT WITH CONTRACT DOCUMENTS IN ALL CASES, INCLUDING "SELF-CERTIFICATION" BY THE ARCHITECT.

HVAC LOAD CALCULATIONS

Air System Sizing Summary for (N) AHU-3,4 SALES

Project Name: 01202214.14_Sunnyside Dispensary_Lake City, FL4 — 09/15/2022 03:56PM
Prepared by: Dialectic

Air System Information
- Air System Name: (N) AHU-3,4 SALES
- Equipment Class: UNDEF
- Air System Type: SZCAV
- Number of zones: 1
- Floor Area: 1343.0 ft²
- Location: Jacksonville IAP, Florida

Sizing Calculation Information
- Calculation Months: Jan to Dec
- Sizing Data: User-Modified
- Zone CFM Sizing: Sum of space airflow rates
- Space CFM Sizing: Individual peak space loads

Central Cooling Coil Sizing Data
- Total coil load: 6.5 Tons
- Total coil load: 78.3 MBH
- Sensible coil load: 59.6 MBH
- Coil CFM at Aug 1500: 2800 CFM
- Max block CFM: 2800 CFM
- Sum of peak zone CFM: 2800 CFM
- Sensible heat ratio: 0.761
- CFM/Ton: 429.2
- ft²/Ton: 205.9
- BTU/(hr·ft²): 58.3
- Water flow @ 10.0 °F rise: 15.67 gpm
- Load occurs at: Aug 1500
- OA DB / WB: 94.0 / 77.0 °F
- Entering DB / WB: 73.0 / 62.3 °F
- Leaving DB / WB: 53.2 / 52.3 °F
- Coil ADP: 51.1 °F
- Bypass Factor: 0.100
- Resulting RH: 55 %
- Design supply temp.: 57.0 °F
- Zone T-stat Check: 1 of 1 OK
- Max zone temperature deviation: 0.0 °F

Central Heating Coil Sizing Data
- Max coil load: 35.5 MBH
- Coil CFM at Jan 0600: 2800 CFM
- Max coil CFM: 2800 CFM
- Water flow @ 20.0 °F drop: 3.55 gpm
- Load occurs at: Jan 0600
- BTU/(hr·ft²): 26.5
- Ent. DB / Lvg DB: 52.1 / 63.9 °F

Supply Fan Sizing Data
- Actual max CFM: 2800 CFM
- Standard CFM: 2797 CFM
- Actual max CFM/ft²: 2.08 CFM/ft²
- Fan motor BHP: 1.15 BHP
- Fan motor kW: 0.91 kW
- Fan static: 1.50 in wg

Outdoor Ventilation Air Data
- Design airflow CFM: 390 CFM
- CFM/ft²: 0.29 CFM/ft²
- CFM/person: 17.38 CFM/person

Air System Sizing Summary for (E) AHU-1 BOH

Project Name: 01202214.14_Sunnyside Dispensary_Lake City, FL4 — 09/15/2022 03:55PM
Prepared by: Dialectic

Air System Information
- Air System Name: (E) AHU-1 BOH
- Equipment Class: UNDEF
- Air System Type: SZCAV
- Number of zones: 1
- Floor Area: 725.0 ft²
- Location: Jacksonville IAP, Florida

Sizing Calculation Information
- Calculation Months: Jan to Dec
- Sizing Data: User-Modified
- Zone CFM Sizing: Peak zone sensible load
- Space CFM Sizing: Coincident space loads

Central Cooling Coil Sizing Data
- Total coil load: 2.0 Tons
- Total coil load: 24.5 MBH
- Sensible coil load: 19.8 MBH
- Coil CFM at Jul 1500: 1000 CFM
- Max block CFM: 1000 CFM
- Sum of peak zone CFM: 1000 CFM
- Sensible heat ratio: 0.809
- CFM/Ton: 489.3
- ft²/Ton: 354.8
- BTU/(hr·ft²): 33.8
- Water flow @ 10.0 °F rise: 4.91 gpm
- Load occurs at: Jul 1500
- OA DB / WB: 94.0 / 77.0 °F
- Entering DB / WB: 73.0 / 62.3 °F
- Leaving DB / WB: 54.6 / 53.7 °F
- Coil ADP: 52.6 °F
- Bypass Factor: 0.100
- Resulting RH: 55 %
- Design supply temp.: 57.0 °F
- Zone T-stat Check: 1 of 1 OK
- Max zone temperature deviation: 0.0 °F

Central Heating Coil Sizing Data
- Max coil load: 15.5 MBH
- Coil CFM at Des Htg: 1000 CFM
- Max coil CFM: 1000 CFM
- Water flow @ 20.0 °F drop: 1.55 gpm
- Load occurs at: Des Htg
- BTU/(hr·ft²): 21.4
- Ent. DB / Lvg DB: 61.6 / 76.0 °F

Supply Fan Sizing Data
- Actual max CFM: 1000 CFM
- Standard CFM: 999 CFM
- Actual max CFM/ft²: 1.38 CFM/ft²
- Fan motor BHP: 0.41 BHP
- Fan motor kW: 0.33 kW
- Fan static: 1.50 in wg

Outdoor Ventilation Air Data
- Design airflow CFM: 100 CFM
- CFM/ft²: 0.14 CFM/ft²
- CFM/person: 16.67 CFM/person

Air System Sizing Summary for (E) AHU-2 VAULT

Project Name: 01202214.14_Sunnyside Dispensary_Lake City, FL3 — 09/13/2022 01:36PM
Prepared by: Dialectic

Air System Information
- Air System Name: (E) AHU-2 VAULT
- Equipment Class: UNDEF
- Air System Type: SZCAV
- Number of zones: 1
- Floor Area: 495.0 ft²
- Location: Jacksonville IAP, Florida

Sizing Calculation Information
- Calculation Months: Jan to Dec
- Sizing Data: User-Modified
- Zone CFM Sizing: Sum of space airflow rates
- Space CFM Sizing: Individual peak space loads

Central Cooling Coil Sizing Data
- Total coil load: 1.8 Tons
- Total coil load: 21.5 MBH
- Sensible coil load: 17.2 MBH
- Coil CFM at Jun 1500: 800 CFM
- Max block CFM: 800 CFM
- Sum of peak zone CFM: 800 CFM
- Sensible heat ratio: 0.799
- CFM/Ton: 445.9
- ft²/Ton: 275.9
- BTU/(hr·ft²): 43.5
- Water flow @ 10.0 °F rise: 4.31 gpm
- Load occurs at: Jun 1500
- OA DB / WB: 93.0 / 77.0 °F
- Entering DB / WB: 70.7 / 59.9 °F
- Leaving DB / WB: 50.8 / 49.8 °F
- Coil ADP: 48.5 °F
- Bypass Factor: 0.100
- Resulting RH: 52 %
- Design supply temp.: 57.0 °F
- Zone T-stat Check: 1 of 1 OK
- Max zone temperature deviation: 0.0 °F

Central Heating Coil Sizing Data
- Max coil load: 12.0 MBH
- Coil CFM at Jan 0600: 800 CFM
- Max coil CFM: 800 CFM
- Water flow @ 20.0 °F drop: 1.20 gpm
- Load occurs at: Jan 0600
- BTU/(hr·ft²): 24.2
- Ent. DB / Lvg DB: 49.7 / 63.6 °F

Supply Fan Sizing Data
- Actual max CFM: 800 CFM
- Standard CFM: 799 CFM
- Actual max CFM/ft²: 1.62 CFM/ft²
- Fan motor BHP: 0.33 BHP
- Fan motor kW: 0.26 kW
- Fan static: 1.50 in wg

Outdoor Ventilation Air Data
- Design airflow CFM: 80 CFM
- CFM/ft²: 0.16 CFM/ft²
- CFM/person: 16.16 CFM/person

EXHAUST AND VENTILATION FAN SCHEDULE

MARK (EF-#)	1,2	3
MANUFACTURER	GREENHECK	GREENHECK
MODEL	SP-A90	SP-A90
TYPE	CEILING MOUNTED	CEILING MOUNTED
DRIVE TYPE	DIRECT	DIRECT
PERFORMANCE		
AIR FLOW (CFM)	100	50
EXT. STATIC (IN W.C.)	0.25	0.25
FAN SPEED (RPM)	900	900
ELECTRICAL		
VOLTS/Ø/HZ	120/1/60	120/1/60
FAN MOTOR WATTS	16	15
ACCESSORIES	BD,DP,FSC	BD,DP,FSC
APPROX. WEIGHT (LBS)	15	15
SERVES	RESTROOM	JANITOR
NOTES	1	1

ACCESSORIES:
BD-BACKDRAFT DAMPER, DP-DISCONNECT PLUG,
FSC-FACTORY MOUNTED AND WIRED FAN SPEED CONTROLLER

NOTES:
1) INTERLOCK FAN WITH LIGHT SWITCH.

DEHUMIDIFIER SCHEDULE

MARK (DEH-#)	1,2,3	
MANUFACTURER	QUEST	
MODEL	70	
PERFORMANCE		
AIR FLOW (CFM)	150	
CAPACITY AT 70°F (PINTS/DAY)	70	
ELECTRICAL		
VOLTS/Ø/HZ	120/1/60	
MCA (AMPS)	6.4	
MOCP (AMPS)	15	
APPROX. WEIGHT (LBS)	60	
NOTES	1-5	

NOTES:
1) PROVIDE ALL REQUIRED SUSPENSION HARDWARE, ACCESSORIES, ETC. FOR A COMPLETE INSTALLATION.
2) ELECTRICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCH.
3) PROVIDE WITH DISCHARGE DUCT BACKDRAFT DAMPER.
4) PROVIDE WITH CONDENSATE PUMP KIT.
5) PROVIDE DEH-3000 REMOTE MOUNTED DIGITAL CONTROLLER.

AIR HANDLING UNIT SCHEDULE

MARK	(E) AHU-1	(E) AHU-2	(N) AHU-3	(N) AHU-4	(N) AHU-5
MANUFACTURER	TEMPSTAR	TRANE	TEMPSTAR	TEMPSTAR	MITSUBISHI
MODEL	FEM4X30	TEM4A0B24	FEM4X42	FEM4X42	PKA-A12
AIR FLOW (CFM)	1,000	800	1,400	1,400	425
OA FLOW (CFM)	100	80	250	140	-
EXT. SP. (IN W.C.)	0.8	0.8	0.8	0.8	0.1
DX COOLING COIL					
EAT (°FDB/WB)	72.6/62.8	70.7/59.9	75.5/65.6	72.8/63.0	70
TOTAL (BTU/HR)	24,810	19,550	37,050	34,450	12,000
SENSIBLE (BTU/HR)	20,040	19,550	29,050	27,840	5,800
ELECTRIC HEAT					
INPUT (WATTS)	5,000	-	8,000	8,000	-
OUTPUT (BTU/HR)	17,065	-	27,300	27,300	-
STAGES	1	-	1	1	-
ELECTRICAL					
VOLTS/Ø/HZ	240/1/60	240/1/60	240/1/60	240/1/60	240/1/60
MOTOR HP	-	-	1/2	1/2	-
MCA (AMPS)	28.4	1.5	48.5	48.5	1
MOCP (AMPS)	30	15	50	50	15
APPROX. WEIGHT (LBS)	125	120	100	100	50
NOTES	1,4,10	1,10	1-4,9	1-4,9	5-8,11

NOTES:
1) SET MINIMUM OUTSIDE AIR AS SPECIFIED ABOVE. OUTSIDE AIR DAMPER SHALL FULLY CLOSE ON UNIT SHUTDOWN.
2) PROVIDE WITH ELECTRONICALLY COMMUTATED MOTOR.
3) PROVIDE WITH SINGLE POINT POWER CONNECTION.
4) PROVIDE WITH HORIZONTAL CONVERSION GASKET KIT.
5) INDOOR UNIT IS POWERED FROM OUTDOOR UNIT.
6) PROVIDE WITH DELUXE WIRED REMOTE CONTROLLER.
7) PROVIDE WITH CONDENSATE PUMP.
8) PROVIDE WITH WALL MOUNTING KIT AND ALL REQUIRED EQUIPMENT.
9) PROVIDE WITH FACTORY MOUNTED DISCONNECT SWITCH.
10) EXISTING UNIT TO BE REUSED. ENSURE UNIT IS IN GOOD WORKING ORDER.
11) FACTORY PROVIDED DISCONNECT SWITCH.

HEAT PUMP CONDENSING UNIT SCHEDULE

MARK	(E) HP-1	(E) HP-2	(N) HP-3	(N) HP-4	(N) HP-5
MANUFACTURER	TEMPSTAR	TEMPSTAR	TEMPSTAR	TEMPSTAR	MITSUBISHI
MODEL	N4H430	WCH424	N4H442	N4H442	PUZ-A12NKA7-BS
AMBIENT OAT (°F)	105	105	105	105	105
COOLING					
TOTAL CAPACITY (BTU/HR)	24,810	19,550	37,050	34,450	12,000
SEER	-	-	14	14	20.8
HEAT PUMP HEATING					
OUTPUT @ 17°F	16,740	13,000	24,870	24,870	11,100
OUTPUT @ 47°F	28,110	22,200	40,890	40,890	18,000
HSPF	-	-	8.2	8.2	10.2
PHYSICAL DATA					
NO. OF FANS	1	1	1	1	1
NO. OF COMP.	1	1	1	1	1
ELECTRICAL					
VOLTS/Ø/HZ	240/1/60	240/1/60	240/1/60	240/1/60	240/1/60
MCA (AMPS)	19.5	14.2	24	24	11
MOCP (AMPS)	30	25	40	40	15
APPROX. WEIGHT (LBS)	160	150	200	200	100
NOTES	6	6	5-Jan	5-Jan	1-4

NOTES:
1) PROVIDE 5 MINUTE TIME DELAY ON COMPRESSOR RESTART.
2) PROVIDE LIQUID LINE SIGHT GLASS, MOISTURE INDICATOR, AND FILTER DRYER FOR EACH CIRCUIT.
3) ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT SWITCH.
4) PROVIDE WITH COASTAL CORROSION PROTECTION COATING ON COIL.
5) PROVIDE WEATHERARMOR ULTRA CABINET PROTECTION.
6) EXISTING UNIT TO REMAIN. ENSURE UNIT IS IN GOOD WORKING ORDER.

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

MARK	SAD-1	SAD-2	SAD-3	RET-1	RET-2	RET-3	
MANUFACTURER	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	
MODEL	OMNI-AA	OMNI-AA	OMNI-AA	350FL	350FL	350FL	
TYPE	SQUARE PLAQUE DIFFUSER	SQUARE PLAQUE DIFFUSER	SQUARE PLAQUE DIFFUSER	LOUVERED RETURN GRILLE	LOUVERED RETURN GRILLE	LOUVERED RETURN GRILLE	
NECK SIZE (L"XW")	PER PLAN	PER PLAN	PER PLAN	22"X22"	22"X22"	22"X10"	
FACE SIZE (L"XW")	24"X24"	24"X24"	12"X12"	24"X24"	24"X24"	24"X12"	
FRAME TYPE	LAY-IN	LAY-IN	LAY-IN	LAY-IN	LAY-IN	LAY-IN	
FINISH	PER ARCHITECT	PER ARCHITECT	PER ARCHITECT	PER ARCHITECT	PER ARCHITECT	PER ARCHITECT	
NOISE CRITERIA LEVEL	<25	<25	<25	<25	<25	<25	
ACCESSORIES		TRM	TRM		TRM	TRM	
NOTES				1	1	1	

ACCESSORIES:
TRM-RAPID MOUNT SHEETROCK FRAME

NOTES:
1) PROVIDE SQUARE TO ROUND TRANSITION WHERE SHOWN ON PLAN.

AIR PURIFIER UNIT SCHEDULE

MARK (AP-#)	1	2	3	
MANUFACTURER	PLASMA AIR	PLASMA AIR	PLASMA AIR	
MODEL	7101	7101	7101	
SERVES	(E) AHU-1	(E) AHU-2	(N) AHU-4	
MOUNTING	DUCT	DUCT	DUCT	
IONIZATION MODULES	1	1	1	
ELECTRICAL				
VOLTAGE	24 VAC	24 VAC	24 VAC	
APPROX. WEIGHT (LBS)	2	2	2	
NOTES	1-3	1-3	1-3	

NOTES:
1) PROVIDE MOUNTING FRAME WITH INTEGRAL PRESSURE SWITCH AND ALL ITEMS REQUIRED BY MANUFACTURER.
2) UNIT POWER TO BE INTERLOCKED WITH SYSTEM FAN OPERATION AND POWERED BY 24V AC FAN CONTROL TERMINALS ON ASSOCIATED UNIT.
3) COORDINATE SELECTION WITH MANUFACTURER PRIOR TO BID.

2020 FLORIDA MECHANICAL CODE TABLE 403.3.1.1 VENTILATION SUMMARY

OCCUPANCY CATEGORY	PEOPLE OUTDOOR AIR RATE - (Rp)	AREA OUTDOOR AIR RATE - (Ra)	OCCUPANCY DENSITY	OCCUPANCY CLASSIFICATION	CALCULATED OCCUPANCY DENSITY	PEOPLE EXPECTED TO OCCUPY THE ZONE - (Pz)	Rp*Pz	Ra*Az	AREA - (Az)	ZONE AIR DISTRIBUTION EFFECTIVENESS - Ez	BREATHING ZONE OUTDOOR AIRFLOW - (Vbz) Vbz=Rp*Pz+Ra*Az	ZONE OUTDOOR AIRFLOW (Voz) Voz=Vbz/Ez	ZONE PRIMARY AIRFLOW (Vpz)	PRIMARY OUTDOOR AIR FRACTION (Zp) Zp=Voz/Vpz	OCCUPANT DIVERSITY RATIO (D)	UNCORRECTED OUTDOOR AIR INTAKE (Vou) Vou=D*RpPz+RaAz	SYSTEM VENTILATION EFFICIENCY	CORRECTED OUTDOOR AIRFLOW (Vot)	PROVIDED OUTDOOR AIRFLOW
	(CFM/PERSON)	(CFM/SQ.FT.)	P/1,000 SQ.FT.	P/1,000 SQ.FT.					SQ.FT.		CFM					CFM	Ev	CFM	CFM
(E) AHU-1																			
RESTROOMS	—	—	—	RESTROOM	—	—	—	—	123	0.8	—	—	140	—		—		—	
HALL	—	0.06	—	CORRIDOR	—	—	—	5	82	0.8	5	6	120	0.05		5		5	
RECEIVING	—	0.06	—	CORRIDOR	—	—	—	8	140	0.8	8	11	120	0.09		8		8	
BREAK ROOM	5.0	0.06	25	BREAK ROOM	7	7	37	18	295	0.8	55	68	420	0.16		55		55	
OFFICE	5.0	0.06	5	OFFICE	0	0	2	5	85	0.8	7	9	200	0.05		7		7	
SYSTEM POPULATION INCLUDING DIVERSITY (Ps) =						8							1000	0.16	1.00	75	0.99	76	100
(E) AHU-2																			
VAULT STORAGE	10.0	0.06	—	STORAGE AREA	—	—	—	30	495	0.8	30	37	800	0.05		30		37	
SYSTEM POPULATION INCLUDING DIVERSITY (Ps) =						—							800	0.05	1.00	30	0.80	37	80
(N) AHU-3																			
SALES	7.5	0.12	15	SALES	13	13	97	103	858	0.8	199	249	1400	0.18		199		249	
SYSTEM POPULATION INCLUDING DIVERSITY (Ps) =						13							1400	0.18	1.00	199	0.80	249	250
(N) AHU-4																			
SALES	7.5	0.12	15	SALES	3	3	22	23	194	0.8	45	56	450	0.13		45		56	
CONSULTATION	5.0	0.06	5	OFFICE	1	1	5	6	94	0.8	11	13	250	0.05		11		11	
CHECK IN	5.0	0.06	10	LOBBY	2	2	10	12	197	0.8	22	27	700	0.04		22		22	
SYSTEM POPULATION INCLUDING DIVERSITY (Ps) =						6							1400	0.13	1.00	77	1.00	77	140

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DATE:	ISSUE:
08.29.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE: NO.: REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: VOC
SCALE: AS NOTED	CHECKED BY: RAH
DATE: 10.03.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: RAH

DIALECTIC ENGINEERING

DRAWING NAME: MECHANICAL SCHEDULES

DRAWING NO.: M2.1

FIRM REGISTRATION NO.:

ROBERT A. HARRIS LICENSE No. 68695 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEAL 09.29.22

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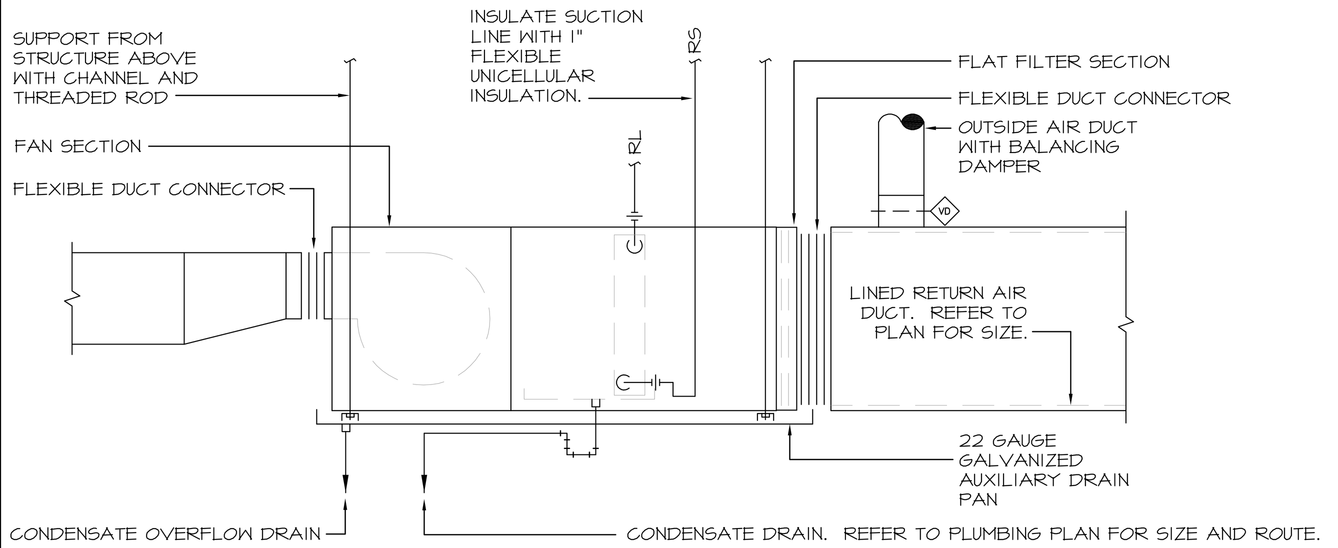
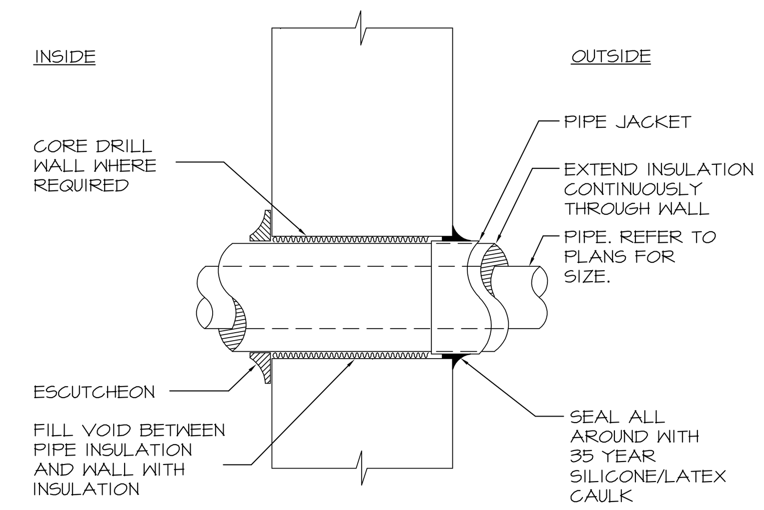
SEAL

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

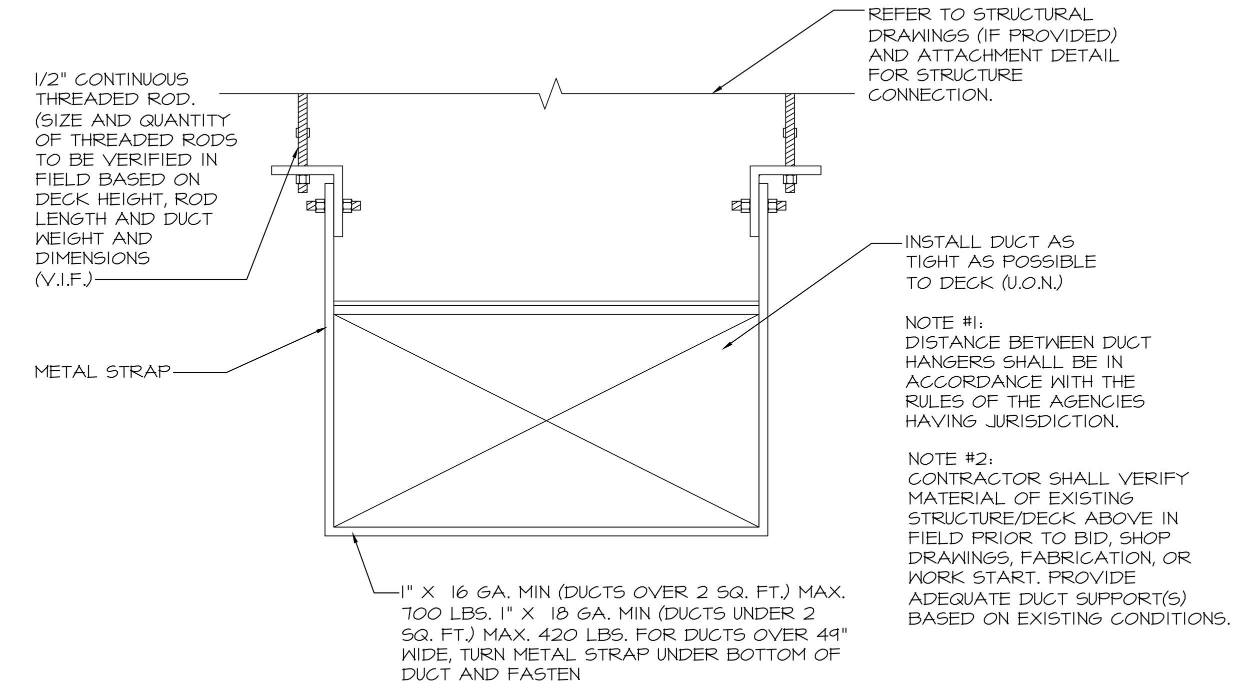
NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.



1 AIR HANDLING UNIT DETAIL
SCALE: N.T.S.

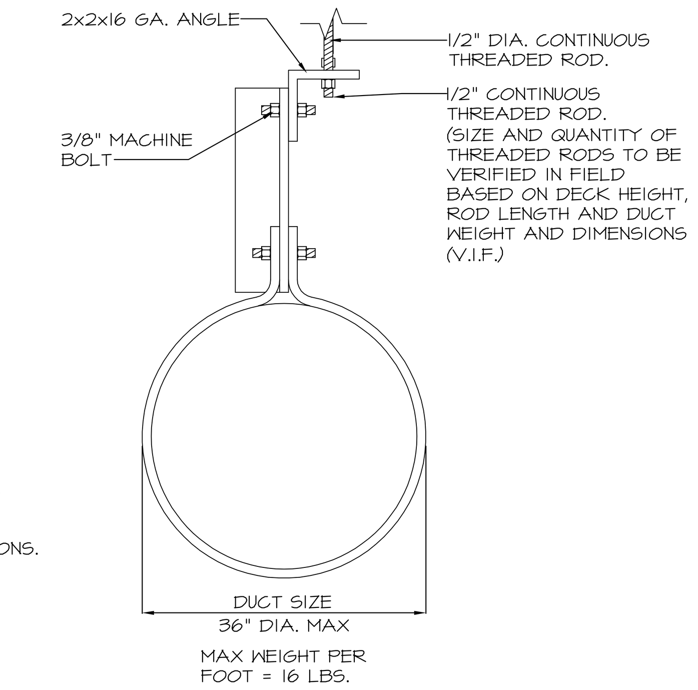


2 PENETRATION OF EXTERIOR WALL
SCALE: N.T.S.



DUCTWORK SUPPORT DETAIL
NOT TO SCALE

MAX. SIDE INCHES	RECTANGULAR DUCTS MIN. GALV. SHT. GAUGE	ALUMINUM MIN. B & S GAUGE
THROUGH 12	26 (0.022 IN.)	24 (0.020 IN.)
13 THROUGH 30	24 (0.028 IN.)	22 (0.025 IN.)
31 THROUGH 54	22 (0.034 IN.)	20 (0.032 IN.)
55 THROUGH 84	20 (0.040 IN.)	18 (0.040 IN.)
OVER 84	18 (0.052 IN.)	16 (0.051 IN.)

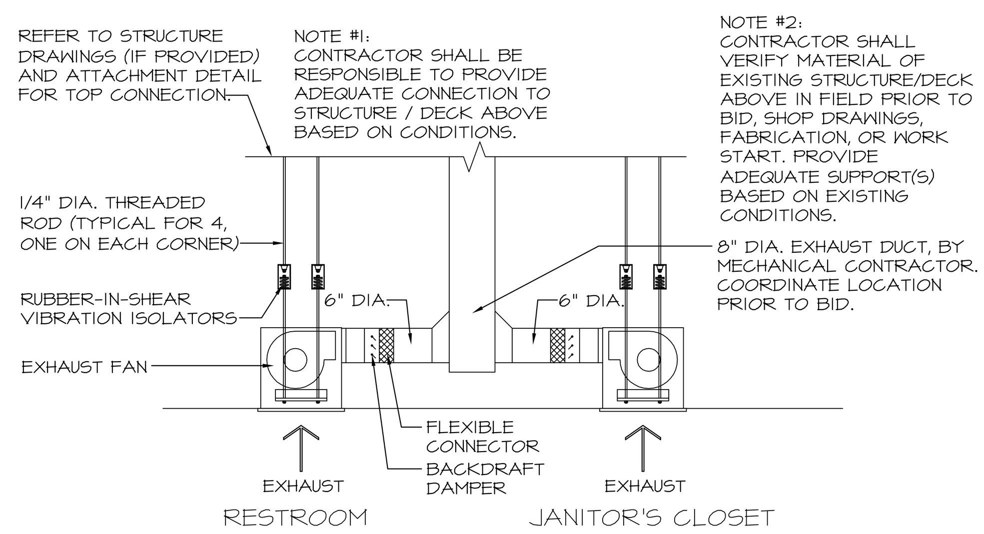


ROUND DUCT SUPPORT DETAIL
NOT TO SCALE

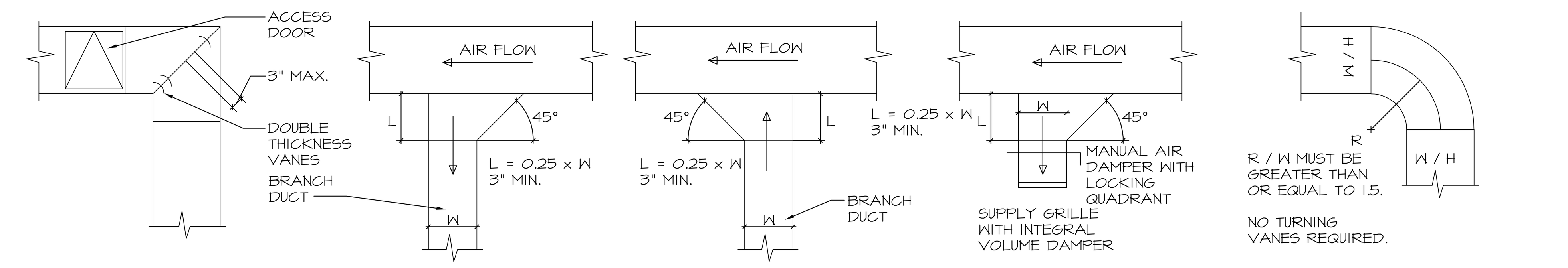
DIAMETER INCHES	ROUND DUCTS SPIRAL SEAM DUCT STEEL MIN. GALV. SHT. GAUGE	ROUND DUCTS LONGITUDINAL SEAM DUCT STEEL MIN. GALV. SHT. GAUGE	FITTINGS STEEL MIN. GALV. SHT. GAUGE
THROUGH 12	28 (0.019 IN.)	26 (0.022 IN.)	26 (0.022 IN.)
13 THROUGH 18	26 (0.022 IN.)	24 (0.028 IN.)	24 (0.028 IN.)
19 THROUGH 28	24 (0.028 IN.)	22 (0.034 IN.)	22 (0.034 IN.)
29 THROUGH 36	22 (0.034 IN.)	20 (0.040 IN.)	20 (0.040 IN.)
37 THROUGH 52	20 (0.040 IN.)	18 (0.052 IN.)	18 (0.052 IN.)

3 DUCT SUPPORT DETAIL
SCALE: N.T.S.

4 NOT USED
SCALE: N.T.S.



5 EXHAUST FAN DETAIL
SCALE: N.T.S.

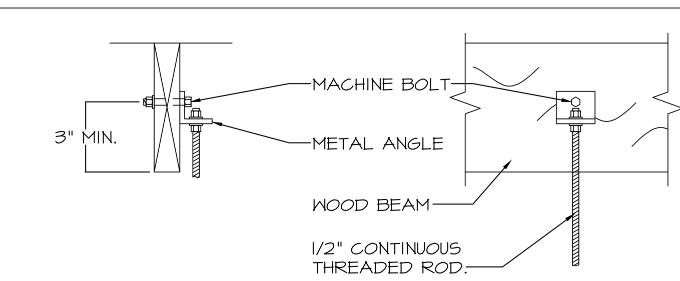


6 STANDARD DUCTWORK DETAILS
SCALE: N.T.S.

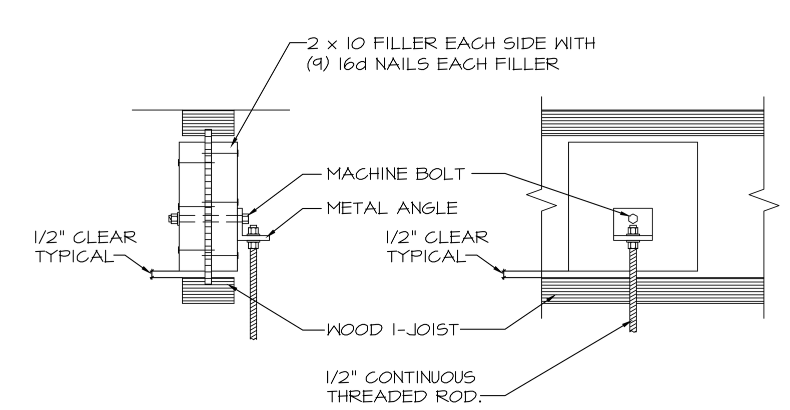
7 NOT USED
SCALE: N.T.S.

8 NOT USED
SCALE: N.T.S.

9 NOT USED
SCALE: N.T.S.

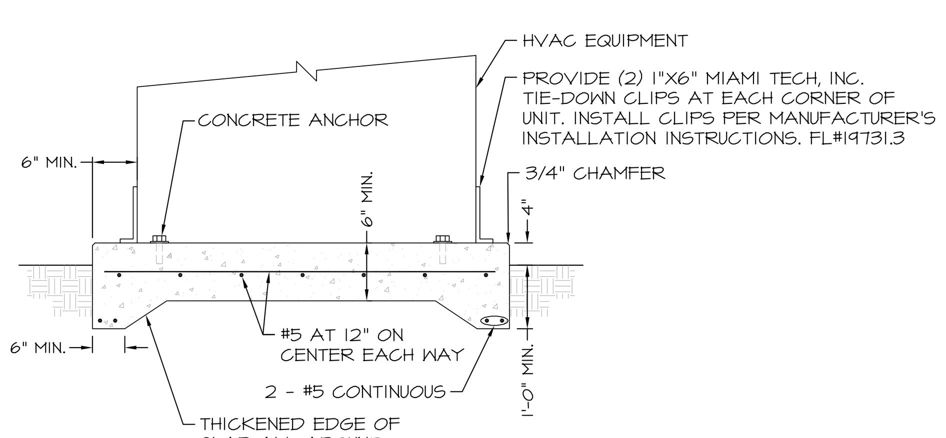


ATTACHMENT TO WOOD BEAM DETAIL
NOT TO SCALE



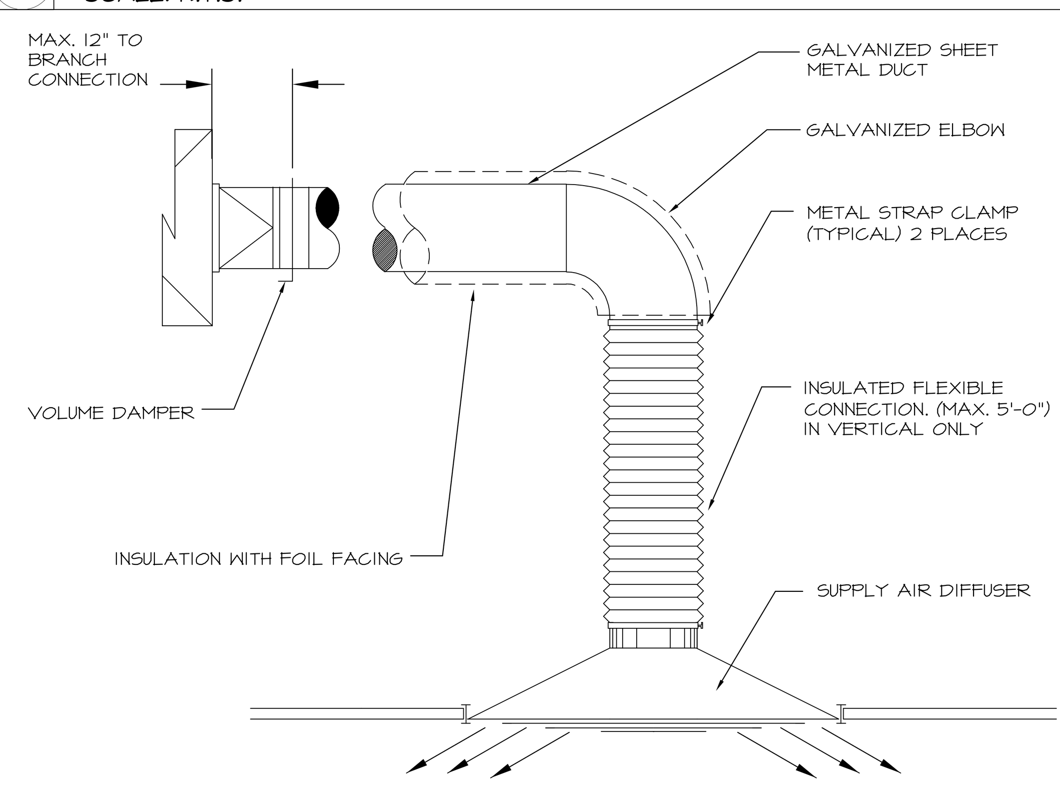
ATTACHMENT TO WOOD JOIST DETAIL
NOT TO SCALE

10 ATTACHMENT TO STUCTURE DETAIL
SCALE: N.T.S.

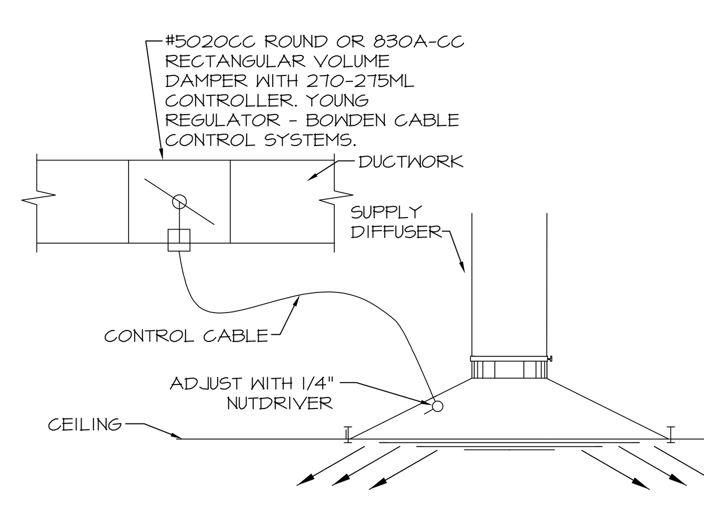


NOTES:
INSTALL PAD LEVEL.
HEAT PUMP CONDENSING UNIT TIE-DOWN INSTALLATION MUST COMPLY WITH 2020 FLORIDA BUILDING CODE-MECHANICAL, SECTION 301.15. TIE-DOWN CLIPS SHALL BE A MAXIMUM OF 3" FROM CORNER EDGE OF UNIT.

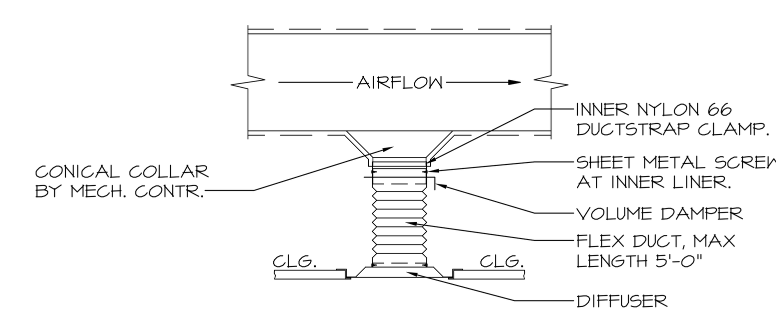
11 HEAT PUMP CONDENSING UNIT PAD DETAIL
SCALE: N.T.S.



12 STANDARD DIFFUSER DETAIL
SCALE: N.T.S.



13 CABLE VOLUME DAMPER DETAIL
SCALE: N.T.S.



NOTES:
FLEXIBLE DUCT IS TO BE USED FOR VERTICAL DROPS ONLY. RUNOUTS AND ELBOWS ARE TO BE SHEETMETAL DUCT. THE MECHANICAL CONTRACTOR MUST PROVIDE ADAPTERS FOR DIFFUSERS WITH SQUARE AND RECTANGULAR NECKS AS REQUIRED. INNER LINER TO BE SECURED TO COLLAR BY NYLON STRAP AND THREE SHEET METAL SCREWS TO PREVENT LINER FROM SLIPPING OFF COLLAR. MAXIMUM FLEX DUCT IS 5 FEET. CUT SMALL SLIT IN LINER AT DAMPER ADJUSTMENT W/STRING OR WIRE MARKER TO SHOW LOCATION.

14 BOTTOM DISCHARGE DETAIL
SCALE: N.T.S.

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DATE:	ISSUE:
08.29.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE: NO.: REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: VOC
SCALE: AS NOTED	CHECKED BY: RAH
DATE: 10.03.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: RAH

DIALECTIC ENGINEERING

DRAWING NAME: MECHANICAL DETAILS

DRAWING NO.: M2.2

FIRM REGISTRATION NO.:

ROBERT A. HARRIS LICENSE No. 68695 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEAL 09.29.22

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NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

PLUMBING SPECIFICATIONS

A. GENERAL REQUIREMENTS

1. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND ALL OTHER SPECIFICATION SECTIONS (IF PROVIDED AS PART OF THE CONTRACT) ARE A PART OF THIS CONTRACT.
2. THE TERM "CONTRACTOR" SHALL MEAN THE "PLUMBING CONTRACTOR HIRED TO COMPLETE THE WORK OUTLINED IN THESE PLANS AND SPECIFICATIONS", UNLESS OTHERWISE SPECIFIED.
3. THE CONTRACTOR FOR THIS WORK IS REQUIRED TO REVIEW ALL DRAWINGS FOR ALL OTHER TRADES.
4. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING THEIR SUBCONTRACTORS WITH A FULL SET OF BID DOCUMENTS INCLUDING SPECIFICATIONS AND MUST COORDINATE ITS WORK AND INSPECTIONS AND THE WORK AND INSPECTION OF THEIR SUBCONTRACTORS WITH ALL OTHER TRADES ON SITE TO CONFORM WITH THE GENERAL CONTRACTOR'S TIME SCHEDULE.
5. BY SUBMITTING A QUOTATION OR PROPOSAL THE PLUMBING CONTRACTOR EXPRESSLY STATES AND WARRANTS THAT ALL DRAWINGS AND SPECIFICATIONS HAVE BEEN THOROUGHLY REVIEWED, AND THAT THIS CONTRACTOR HAS BECOME FAMILIARIZED WITH JOB SITE CONDITIONS AND IS TOTALLY QUALIFIED TO PERFORM ALL OF THE WORK REQUIRED.
6. BEFORE SUBMITTING A FINAL PROPOSAL THE CONTRACTOR SHALL EXAMINE THE SITE OF THE PROPOSED WORK TO DETERMINE THE EXISTING CONDITIONS THAT MAY AFFECT THE PROPOSAL. IF DISCREPANCIES ARE NOTED BETWEEN THE DOCUMENTS AND THE EXISTING CONDITIONS THE ARCHITECT SHALL BE NOTIFIED AND THE CONTRACTOR SHALL RECEIVE CLARIFICATION BEFORE SUBMITTING A BID. THE SUBMISSION OF A PROPOSAL SHALL INDICATE THAT ALL CHARGES AND COSTS MADE NECESSARY BY EXISTING CONDITIONS ARE INCLUDED AND THAT THE COMPLETE SYSTEM AS DESCRIBED HEREIN WILL BE FURNISHED AT THE PROPOSED COST.
   A. THE PLUMBING SUBCONTRACTOR IS REQUIRED TO VISIT THE SITE DURING BIDDING AND VERIFY LOCATION(S) OF WHERE PLUMBING PIPING/EQUIPMENT IS INDICATED TO BE PLACED, THEIR ROUTE(S) AND POSSIBLE INTERSECTION(S) WITH OTHER EQUIPMENT/WORK/STRUCTURE (E.G. STEEL BEAMS, ETC.) TO BE INSTALLED AND / OR "EXISTING TO REMAIN". THIS SUBCONTRACTOR IS TO VERIFY HEIGHTS "TO BE INSTALLED" TO MAINTAIN DESIGNED CEILING HEIGHTS AND HEAD ROOM. ANY DISCREPANCIES BETWEEN DESIGNED AND ACTUAL TO BE TOLD TO THE GENERAL CONTRACTOR AND INDICATED ON THE BID FORM.
7. WHEN USED, THE TERM "PROVIDED BY CONTRACTOR" SHALL BE INTERPRETED AS MEANING "FURNISHED AND INSTALLED BY CONTRACTOR" WITH THE EXCEPTION WHERE ITEMS ARE "PROVIDED BY TENANT" SHALL BE INTERPRETED AS MEANING "FURNISHED BY TENANT (INSTALLED BY CONTRACTOR)", EXCEPT WHERE NOTED OTHERWISE.

B. GENERAL REQUIREMENTS

1. THE GENERAL CONTRACTOR AND HIS/HER SUB-CONTRACTORS SHALL SUPERVISE AND DIRECT THE WORK, USING THEIR BEST SKILL AND ATTENTION. ALL CONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THEIR CONTRACT, UNLESS THE CONTRACT DOCUMENTS GIVE OTHER SPECIFIC INSTRUCTIONS CONCERNING THESE MATTERS. IF THE CONTRACT DOCUMENTS GIVE SPECIFIC INSTRUCTIONS CONCERNING CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, THE CONTRACTOR SHALL EVALUATE THE JOBSITE SAFETY THEREOF AND, EXCEPT AS STATED BELOW, SHALL BE FULLY AND SOLELY RESPONSIBLE FOR THE JOBSITE OF SUCH MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES. IF THE CONTRACTOR DETERMINES THAT SUCH MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES MAY NOT BE SAFE, THE CONTRACTOR SHALL GIVE TIMELY WRITTEN NOTICE TO THE OWNER AND ARCHITECT AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK WITHOUT FURTHER WRITTEN INSTRUCTIONS FROM THE ARCHITECT. IF THE CONTRACTOR IS THEN INSTRUCTED TO PROCEED WITH THE REQUIRED MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES WITHOUT ACCEPTANCE OF CHANGES PROPOSED BY THE CONTRACTOR, THE OWNER SHALL BE SOLELY RESPONSIBLE FOR ANY RESULTING LOSS OR DAMAGE.
2. THE PLUMBING SUBCONTRACTORS QUOTING ON THEIR SPECIFIC SCOPE OF WORK/SERVICES TO CONTACT THE LOCAL BUILDING DEPARTMENT/AGENCY TO DISCUSS CODE ISSUES/IDIOSYNCRASIES REGARDING THEIR SERVICES AND THE QUOTE ASSOCIATED WITH THE SERVICES TO THE GENERAL CONTRACTOR FOR THIS PROJECT. THIS CONTRACTOR TO BE FAMILIAR WITH THE SITE WHERE SUCH SERVICES/WORK WILL BE PERFORMED, THIS SPECIFIC USE AND THE IDIOSYNCRASIES ASSOCIATED WITH THE LIFE, SAFETY AND HEALTH ASSOCIATED WITH THIS WORK AND TO INDICATE ON THE QUOTE ANY ITEMS REQUIRED THAT ARE NOT NECESSARILY SHOWN ON THE DRAWINGS/SPECIFICATIONS.
3. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, SERVICES, TOOLS, TRANSPORTATION, INCIDENTALS AND DETAILS NECESSARY TO PROVIDE COMPLETE AND FULLY FUNCTIONAL PLUMBING SYSTEMS AS SHOWN ON THE DRAWINGS, AS CALLED FOR IN THE SPECIFICATIONS (IF SUPPLIED) AND AS REQUIRED BY JOB CONDITIONS. ALL WORK NOT SPECIFICALLY NOTED AS BEING BY THE LANDLORD SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR. CLOSELY COORDINATE THE ENTIRE INSTALLATION WITH LANDLORD AS REQUIRED. FIELD VERIFY THE EXACT TYPE, SIZE, LOCATION, REQUIREMENTS, ETC. OF EXISTING EQUIPMENT, PIPE AND DUCTS SERVING THE TENANT SPACE PRIOR TO SUBMISSION OF BID.
4. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO SUPPLEMENT EACH OTHER AND ANY MATERIAL OR LABOR CALLED FOR IN ONE SHALL BE PROVIDED EVEN THOUGH NOT SPECIFICALLY MENTIONED IN BOTH. ANY MATERIAL OR LABOR WHICH IS NEITHER SHOWN ON THE DRAWINGS NOR CALLED FOR IN THE SPECIFICATIONS, BUT WHICH IS NECESSARY TO COMPLETE THE WORK OR WHICH IS USUALLY INCLUDED IN WORK OF SIMILAR CHARACTER, SHALL BE PROVIDED AS PART OF THE CONTRACT.
5. WHERE THE DRAWINGS AND / OR SPECIFICATIONS CALL FOR ITEMS THAT EXCEED CODES OR THE LANDLORD'S TENANT CRITERIA, THE CONTRACTOR IS STILL RESPONSIBLE FOR PROVIDING THE SYSTEM AS DESIGNED AND DESCRIBED ON THE DRAWINGS, UNLESS SPECIFICALLY NOTED OTHERWISE.
6. THE CONTRACTOR SHALL OBTAIN AND COMPLY WITH DETAILED REQUIREMENTS OF LEASE EXTRACTS FROM THE LANDLORD AND TENANT.
7. COORDINATE LOCATIONS OF ALL AIR OUTLETS WITH ALL WALLS, LIGHTS, SPRINKLER HEADS, CEILING TILES AND DECORATIVE CEILING FIXTURES PRIOR TO INSTALLATION.
8. ALL PLUMBING WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATION, SERVICE, MAINTENANCE AND REPAIR. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUFFICIENT ACCESS TO ALL EQUIPMENT FOR SERVICE.
9. THE CONTRACTOR SHALL DO ALL CUTTING, CORE DRILLING, CHASING, OR CHANNELING AND PATCHING REQUIRED FOR ANY WORK UNDER THIS CONTRACT. CUTTING SHALL HAVE PRIOR APPROVAL BY THE TENANT'S CONSTRUCTION MANAGER AND THE LANDLORD OR LANDLORD'S REPRESENTATIVE. PATCHING SHALL MATCH FINISH OF SURROUNDING AREA.
10. WORKMANSHIP:
    A. USE EXPERIENCED, WELL-QUALIFIED CRAFTSMEN, IN GOOD STANDING WITH THEIR RESPECTIVE LABOR UNIONS.
    B. USE CAPABLE AND EXPERIENCED SUPERINTENDENTS, AUTHORIZED BY THE CONTRACTOR TO INSTRUCT WORK, MAKE JOB DECISIONS AND ACT FOR THE CONTRACTOR IN ALL MATTERS PERTAINING TO THE CONTRACT.
11. PERMITS, TESTS AND INSPECTIONS:
    A. APPLY FOR, SECURE AND PAY FOR ALL REQUIRED PERMITS, FEES, LICENSES AND ROYALTIES TO ACCOMPLISH THE WORK.
    B. APPLY FOR, SECURE AND PAY FOR ALL REQUIRED TESTS AND INSPECTIONS TO ACCOMPLISH THE WORK IN CONFORMANCE WITH ALL CODES AND JURISDICTIONS.
    C. FURNISH SIGNED CERTIFIED AND ACCEPTABLE COPIES OF ALL ITEMS COVERED IN (A) AND (B) ABOVE TO THE OWNER FOR HIS RECORDS.
    D. COMPLY WITH RULES AND REGULATIONS OF JURISDICTIONAL AUTHORITIES AND MALL OR LEASE SPECIFICATIONS AND REPORT ANY DEVIATIONS ON DRAWINGS TO OWNER.

C. CODES

1. ALL WORK SHALL BE PERFORMED IN A NEAT AND PROFESSIONAL MANNER USING GOOD CONSTRUCTION PRACTICES. ALL WORK SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE LANDLORD'S CRITERIA; THE STATE, COUNTY AND LOCAL CODES AND ORDINANCES; THE LATEST EDITIONS OF ASHRAE STANDARDS; THE LIFE SAFETY CODE; THE APPLICABLE BUILDING CODE; UNDERWRITERS LABORATORIES; THE NATIONAL ELECTRICAL CODE; NFPA 70, 90A, AND 96; AND ALL OTHER APPLICABLE CODES ENFORCED BY AUTHORITIES HAVING JURISDICTION. THE CHANGES REQUIRED BY ANY APPLICABLE CODES SHALL BE INCLUDED IN THE BID. AFTER THE CONTRACT IS ISSUED, NO ADDITIONAL COST DUE TO CODE ISSUES SHALL BE REIMBURSED BY THE TENANT TO THE CONTRACTOR.

D. DRAWINGS

1. DRAWINGS (PLANS AND SPECIFICATIONS) ARE DIAGRAMMATIC AND INDICATE THE GENERAL LOCATION AND INTENT OF THE PLUMBING SYSTEMS. BECAUSE OF THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL DUCT AND PIPE OFFSETS, FITTINGS AND ACCESSORIES THAT MAY BE REQUIRED. THE PLUMBING CONTRACTOR MUST OBTAIN APPROVED CONSTRUCTION DRAWINGS FROM THE GENERAL CONTRACTOR BEFORE BEGINNING ANY WORK.
2. THE LAYOUT SHOWN ON THE DRAWINGS IS BASED ON A PARTICULAR MAKE OF EQUIPMENT. IF ANOTHER MAKE OF EQUIPMENT IS USED WHICH REQUIRES MODIFICATION OR CHANGE OF ANY DESCRIPTION FROM THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE AS PART OF THIS WORK, FOR MAKING ALL SUCH MODIFICATIONS AND CHANGES, INCLUDING THOSE INVOLVING OTHER TRADES WITH THE COST THEREOF INCLUDED IN THE BID. IN SUCH CASE, CONTRACTOR SHALL SUBMIT DRAWINGS AND SPECIFICATIONS PRIOR TO STARTING WORK SHOWING ALL SUCH MODIFICATIONS AND CHANGES. THE PROPOSAL SHALL BE SUBJECT TO THE APPROVAL OF THE TENANT'S CONSTRUCTION MANAGER.

E. EXISTING LEASE SPACE CONDITIONS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE DEMOLITION OF EXISTING PLUMBING WORK IN THE SPACE NOT SHOWN TO BE REUSED IN THE NEW TENANT SPACE.
2. THE CONTRACTOR SHALL INCLUDE, AND WILL BE HELD RESPONSIBLE FOR, THE REMOVAL OF ALL EXISTING FIRE PROTECTION, PLUMBING FIXTURES, PIPING, HVAC UNITS, REFRIGERANT RECAPTURE, EXHAUST FANS, DUCTWORK, ETC. AND ASSOCIATED ROOF CURBS NOT TO BE REUSED ON THIS PROJECT, UNLESS SPECIFICALLY NOTED OTHERWISE. CONTRACTOR MUST VERIFY WITH THE LANDLORD ALL PRESUMED ABANDONED EQUIPMENT, PIPES, DUCTWORK AND EQUIPMENT PRIOR TO REMOVAL. ROOF CURBS SHALL BE REMOVED AND THE ROOF SHALL BE PATCHED UNLESS NOTED FOR REUSE OR RECONFIGURATION ON PLANS. ROOF PATCHING SHALL BE PERFORMED AT THE CONTRACTOR'S EXPENSE BY A ROOFING CONTRACTOR APPROVED BY THE LANDLORD. ALL EXTRANEOUS ITEMS IN THE SPACE OR ON THE ROOF (ABOVE THIS SPACE) NOT APPLICABLE TO THE NEW WORK OR PART OF THE LANDLORD'S OR ANOTHER TENANT'S ACTIVE SYSTEM MUST BE REMOVED AND ROOF / WALL / FLOOR MUST BE PATCHED / REPAIRED TO MATCH THE EXISTING STRUCTURE. EXISTING ABANDONED PIPES, DUCTS OR EQUIPMENT IN THE FLOOR, EMBEDDED IN CONCRETE OR OTHERWISE INACCESSIBLE ARE TO BE CUT OFF AND SEALED BELOW OR WITHIN FLOOR OR WALL LEVEL WHEN THEY ARE NOT REUSED IN THIS PROJECT.
   A. IF REQUIRED BY THE LANDLORD OR CODES, ABANDONED PIPING AND / OR DUCTWORK MUST BE REMOVED TO POINT OF ORIGIN. CONFIRM THE EXTENT OF DEMOLITION PRIOR TO BID AND INCLUDE IN BID PROPOSAL.
3. ACTIVE LANDLORD OR OTHER TENANT SERVICES ENCOUNTERED IN WORK SHALL BE PROTECTED AND SUPPORTED. IF EXISTING SERVICES NOT ANTICIPATED REQUIRE RELOCATION, CONTACT THE TENANT'S CONSTRUCTION MANAGER IMMEDIATELY. ALL COSTS FOR REPAIR OF DAMAGES TO ACTIVE LANDLORD OR OTHER TENANT SERVICES DURING CONSTRUCTION SHALL BE PAID FOR BY THE CONTRACTOR CAUSING THE DAMAGE.
4. TIE-INS AND MODIFICATIONS TO EXISTING LANDLORD SERVICES MUST BE DONE WITH MINIMUM INTERRUPTION OF LANDLORD OPERATION AND DURING HOURS SPECIFIED BY THE LANDLORD. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING EXACT WORKING HOURS OF THIS WORK WITH THE LANDLORD PRIOR TO SUBMITTING THEIR BID. THE CONTRACTOR SHALL INCLUDE IN THEIR BID, ALL PREMIUM TIME REQUIRED TO PERFORM MODIFICATIONS DURING OTHER THAN NORMAL WORKING HOURS. ALL SUCH WORK MUST BE COORDINATED WITH THE LANDLORD.
5. EQUIPMENT AND MATERIALS IN TRANSIT SHALL UTILIZE FREIGHT ELEVATOR OR STAIRS. SAID EQUIPMENT OR MATERIALS SHALL BE DISASSEMBLED AS REQUIRED TO MEET THE RESTRICTIONS IMPOSED BY THE BUILDING OR ITS COMPONENT CONSTRAINTS AND THEN REASSEMBLED IN THE NEW WORK AREA.
6. ALL WORK SHALL BE DONE WITH A MINIMUM OF NOISE AND DISTURBANCE TO BUSINESS ROUTINE. ALL WORK SCHEDULES SHALL BE COORDINATED WITH, AND APPROVED BY, THE TENANTS CONSTRUCTION MANAGER.
7. ALL DELIVERIES, WORKERS, WORK OPERATORS, ETC., REQUIRED BY THE CONTRACTOR FOR WORK PERFORMED IN ANY AREA OR SITE BUILDING SHALL BE IN STRICT CONFORMANCE TO THE RULES AND REGULATIONS OF THE OWNER.
8. CONTRACTOR SHALL PROTECT THEIR WORK AND EQUIPMENT FROM DAMAGE, VANDALS, ETC. ANY ITEM THAT IS DAMAGED, VANDALIZED OR STOLEN PRIOR TO ACCEPTANCE OF BUILDING BY OWNER AND ARCHITECT SHALL BE REPLACED BY RESPECTIVE CONTRACTOR AT NO CHARGE TO TENANT.
9. IT IS SPECIFICALLY THE INTENTION OF THIS SPECIFICATION TO HOLD THE CONTRACTOR RESPONSIBLE FOR ALL DAMAGE DONE TO ANY EXISTING FACILITIES, EQUIPMENT, PAINTING, OR ARCHITECTURAL AND STRUCTURAL FEATURES OF THE BUILDING, BY EITHER THEIR OWN WORKMEN OR BY ANY OF THEIR SUBCONTRACTORS. THE CONTRACTOR SHALL REPAIR ANY DAMAGE DONE BY THEIR OWN WORKMEN OR SUBCONTRACTORS AND THE OWNER AT THEIR DISCRETION, MAY WITHHOLD PAYMENTS EQUAL TO THE REASONABLE COST OF THE REPAIRS.
10. THIS CONTRACTOR OR THEIR WORKMEN SHALL NOT BE PERMITTED TO USE ANY PART OF THE EXISTING BUILDING AS A SHOP WITHOUT THE APPROVAL OF THE OWNER AND ARCHITECT.
11. WHERE THE WORK MAKES TEMPORARY SHUTDOWN OF SERVICES UNAVOIDABLE, THEY SHALL BE MADE AT NIGHT OR AT SUCH TIMES AS WILL CAUSE THE LEAST INTERFERENCE WITH THE ESTABLISHED OPERATING ROUTINE.
12. THIS CONTRACTOR SHALL ARRANGE THE WORK SO AS TO ASSURE THAT SERVICES WILL BE SHUT DOWN ONLY DURING THE TIME ACTUALLY REQUIRED TO MAKE THE NECESSARY CONNECTION TO THE EXISTING WORK. THIS CONTRACTOR SHALL GIVE AMPLE WRITTEN NOTICE IN ADVANCE TO THE OWNER OF ANY REQUIRED SHUT DOWN.
13. ALL MOTORS, FANS, CONTROLS, FIXTURES, HVAC UNIT, DUCTWORK AND OTHER EQUIPMENT FOR USE IN THIS CONTRACT SHALL BE PROTECTED BY TARPAULIN OR BY BOXING AS SOON AS DELIVERED TO THE SITE AND SHALL BE KEPT CLEAN AND DRY. THE MOTORS, UNITS, FIXTURES, FANS, DUCTWORK AND MOVING PARTS SHALL BE KEPT COVERED SO AS TO ELIMINATE DIRT, DUST AND OTHER MATERIALS ENTERING THE PARTS DURING ERECTION AND CONSTRUCTION WORK ON THE BUILDING. SHOULD IT BE FOUND THAT ANY PARTS ARE DAMAGED DUE TO CARELESSNESS ON THE PART OF THE CONTRACTOR IN NOT PROVIDING PROPER PROTECTION, SUCH PART OR PARTS SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN COST AND EXPENSE. ALL OPENINGS IN DUCTS, PIPING, CONDUITS, ETC., SHALL BE PROPERLY PROTECTED WITH TEMPORARY CAPS OR PLUGS AT ALL TIMES.
14. THE CONTRACTOR, IN REGARDS TO ANY SAWCUTTING, COREDRILLING OR ANY PENETRATING OF A CONCRETE SLAB, FLOOR AND/OR ROOF, IS REQUIRED TO SURVEY DURING BIDDING TO DETERMINE ANY ISSUES, INCLUDING BUT NOT LIMITED TO, NECESSITY OF X-RAYING OF A CONCRETE SLAB, WHERE SUCH MATERIAL BEING PENETRATED IS NOT PROJECTED AND/OR ROUTED INTO A SPACE(S) THAT CREATES A NON-CODE COMPLIANT CONDITION, THE NEED FOR WEATHERSTRIPPING, WATERPROOFING OR OTHER CONDITION AND TO NOTIFY THE OWNER IF A PROBLEM(S) MAY EXIST AND TO INCLUDE COSTS TO SOLVE THE ISSUE UNCOVERED, IN ADDITION TO, NOTIFYING THE ARCHITECT OF RECORD REGARDING SUCH ISSUE(S).

F. DISCREPANCIES IN DOCUMENTS

1. DRAWINGS (PLANS, SPECIFICATIONS AND DETAILS) ARE DIAGRAMMATIC AND INDICATE THE GENERAL LOCATION AND INTENT OF THE PLUMBING SYSTEMS. WHERE DRAWING, EXISTING SITE CONDITIONS, SPECIFICATIONS OR OTHER TRADES CONFLICT OR ARE UNCLEAR, ADVISE THE GENERAL CONTRACTOR IN WRITING, PRIOR TO SUBMITTAL OF BID. THE GENERAL CONTRACTOR IS RESPONSIBLE TO ADVISE THE TENANT'S CONSTRUCTION MANAGER, IN WRITING, OF VARIATIONS TO THE CONTRACT DOCUMENTS PRIOR TO SUBMISSION OF BID. OTHERWISE, TENANT'S CONSTRUCTION MANAGER'S INTERPRETATION OF CONTRACT DOCUMENTS OR CONDITIONS SHALL BE FINAL WITH NO ADDITIONAL COMPENSATION PERMITTED.
2. ACCURACY OF DATA:
   A. THE DATA GIVEN HEREIN AND ON THE DRAWINGS ARE AS EXACT AS COULD BE SECURED, BUT THEIR ABSOLUTE ACCURACY IS NOT GUARANTEED. THE SPECIFICATIONS AND DRAWINGS ARE FOR THE ASSISTANCE AND GUIDANCE OF THE CONTRACTOR. EXACT LOCATIONS, DISTANCES, LEVELS, ETC., WILL BE GOVERNED BY THE BUILDING AND THE CONTRACTOR SHALL USE THE DATA CONTAINED HEREIN WITH THIS UNDERSTANDING.
   B. THE EXACT LOCATION OF EACH AND EVERY OUTLET OF EACH WIRING SYSTEM, NOT DIMENSIONED ON THE DRAWINGS, SHALL BE AS DIRECTED BY THE OWNER, THE OWNER'S ARCHITECT OR HIS SELECTED REPRESENTATIVE.

G. TRADE NAMES AND MANUFACTURERS

1. WHERE TRADE NAMES AND MANUFACTURERS ARE USED ON THE DRAWINGS OR IN THE SPECIFICATIONS, THE EXACT EQUIPMENT SHALL BE USED AS A MINIMUM STANDARD FOR THE BASE BID. MANUFACTURERS CONSIDERED AS AN EQUIVALENT OR BETTER IN ALL ASPECTS TO THAT SPECIFIED WILL BE SUBJECT TO REVIEW IN WRITING BY THE TENANT'S CONSTRUCTION MANAGER PRIOR TO ACCEPTANCE. THE USE OF ANY UNAUTHORIZED EQUIPMENT SHALL BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
2. SUBSTITUTIONS: CATALOG AND MANUFACTURER'S NUMBERS IN THIS SECTION AND ON THE DRAWINGS ARE FOR THE PURPOSE OF ESTABLISHING STANDARDS OF QUALITY AND TYPE OF MATERIALS TO BE USED. PRODUCTS OR OTHER MANUFACTURERS MAY BE USED IF SIMILAR AND EQUAL IN QUALITY AND DESIGN IN THE OPINION OF THE OWNER OR OWNER'S ARCHITECT AND ARE SPECIFICALLY APPROVED BY THE OWNER OR OWNER'S ARCHITECT, IN WRITING, PRIOR TO CLOSE OF BIDDING. REQUESTS FOR APPROVAL OF SUBSTITUTIONS SHALL BE IN WRITING, AND SHALL INCLUDE REPORTS OF TESTS, PERFORMANCE DATA OR OTHER PROOF OF EQUALITY TO THE ITEM SPECIFIED.

H. SHOP DRAWINGS

1. SUBMIT THREE COPIES OF MATERIAL LISTS AND SHOP DRAWINGS FOR ALL EQUIPMENT AND DUCT FABRICATION DRAWINGS TO THE TENANT'S CONSTRUCTION MANAGER FOR REVIEW PRIOR TO ORDERING EQUIPMENT. SUBMISSIONS MUST BE EARLY ENOUGH TO ALLOW THE TENANT'S CONSTRUCTION MANAGER EIGHT WORKING DAYS FOR REVIEW WITHOUT CAUSING DELAYS OR CONFLICTS TO THE JOB'S PROGRESS. SUBMITTALS SHALL BE IN ACCORDANCE WITH THE GENERAL CONDITIONS USING THE MANUFACTURER'S LISTED ON THE DRAWINGS. SHOP DRAWINGS SHALL INCLUDE ALL DATA THAT PERTAINS TO THE REQUIREMENTS SET FORTH ON THE DRAWINGS AND IN THE SPECIFICATIONS. THE SUBMITTAL SHALL INCLUDE BUT NOT BE LIMITED TO CUTS OR CATALOGS INCLUDING DESCRIPTIVE LITERATURE AND CHARACTERISTICS OF EQUIPMENT SHALL SHOW MAJOR DIMENSIONS, ROUGHING-IN DATA, CAPACITY, CURVES, PRESSURE DROPS, CODE COMPLIANCE, MOTOR AND DRIVE DATA AND ELECTRICAL DATA. OBSERVE SPECIAL INSTRUCTIONS WHEN REQUIRED. SUBMITTALS SHALL BEAR THE STAMP OF THE GENERAL AND SUBCONTRACTOR SHOWING THAT HE HAS REVIEWED AND CONFIRMED THAT THEY ARE IN CONFORMANCE WITH THE CONTRACT DOCUMENTS OR INDICATE WHERE EXCEPTIONS TAKE PLACE. LACK OF SUCH CONTRACTOR'S REVIEW WILL BE CAUSE FOR REJECTION WITHOUT REVIEW BY TENANT'S CONSTRUCTION MANAGER. ALL SHOP DRAWINGS MUST APPEAR IN THE OPERATION AND MAINTENANCE MANUALS LEFT ON SITE AT JOB COMPLETION.
   A. BY SUBMITTING SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS, THE CONTRACTOR REPRESENTS TO THE CLIENT AND ARCHITECT THAT THE CONTRACTOR HAS (1) REVIEWED AND APPROVED THEM, (2) DETERMINED AND VERIFIED MATERIALS, FIELD MEASUREMENTS AND FIELD CONSTRUCTION CRITERIA RELATED THERETO, OR WILL DO SO AND (3) CHECKED AND COORDINATED THE INFORMATION CONTAINED WITHIN SUCH SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND OF THE CONTRACT DOCUMENTS.
   B. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK FOR WHICH THE CONTRACT DOCUMENTS REQUIRE SUBMITTAL AND REVIEW OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNTIL THE RESPECTIVE SUBMITTAL HAS BEEN APPROVED BY THE ARCHITECT.
   C. THE WORK SHALL BE IN ACCORDANCE WITH APPROVED SUBMITTALS EXCEPT THAT THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY ANY APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE CLIENT IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND
      - C.1. THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION AS A MINOR CHANGE IN THE WORK, OR
      - C.2. A CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE HAS BEEN ISSUED AUTHORIZING THE DEVIATION.
      - C.3. THE CONTRACTOR SHALL DIRECT SPECIFIC ATTENTION IN WRITING OR ON RESUBMITTED SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS, TO REVISIONS OTHER THAN THOSE REQUESTED BY THE ARCHITECT ON PREVIOUS SUBMITTALS. IN THE ABSENCE OF SUCH WRITTEN NOTICE, THE ARCHITECT'S APPROVAL OF A RESUBMISSION SHALL NOT APPLY TO SUCH REVISIONS.
2. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND / OR THEIR SUBCONTRACTORS TO FURNISH SHOP DRAWINGS AND SUBMITTALS ON ANY AND ALL EQUIPMENT, DUCT, DAMPERS, CONTROLS ETC. TO THE TENANT'S CONSTRUCTION MANAGER OR ARCHITECT FOR THEIR REVIEW PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS, OMISSIONS OR OTHER DEFICIENCIES OR DEVIATIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE TENANT'S CONSTRUCTION MANAGER'S OR ARCHITECT'S APPROVALS THEREOF.

I. RECORD DRAWINGS

1. THE CONTRACTOR SHALL MAINTAIN ONE COPY OF DRAWINGS AND SPECIFICATIONS ON THE JOB SITE TO RECORD DEVIATIONS FROM CONTRACT DRAWINGS, SUCH AS LOCATIONS OF CONCEALED PIPING VALVES AND DUCTS, REVISIONS, ADDENDUM'S AND CHANGE ORDERS, SIGNIFICANT DEVIATIONS MADE NECESSARY BY FIELD CONDITIONS, APPROVED EQUIPMENT SUBSTITUTIONS AND CONTRACTOR'S COORDINATION WITH OTHER TRADES AND EXACT ROUTING OF ALL SANITARY AND DOMESTIC WATER PIPING UNDER FLOOR.
2. AT COMPLETION OF THE PROJECT AND BEFORE FINAL APPROVAL, THE CONTRACTOR SHALL MAKE ANY FINAL CORRECTIONS TO DRAWINGS AND CERTIFY THE ACCURACY OF EACH PRINT BY SIGNATURE THEREON. THE DRAWINGS ARE TO BE TURNED OVER TO THE TENANT.

J. GUARANTEE, WARRANTY

1. THE PLUMBING CONTRACTOR SHALL INCLUDE IN THE PROPOSAL A ONE YEAR GUARANTEE, WARRANTY ON ALL EQUIPMENT AND MATERIAL INSTALLED OR REFURBISHED, ALL MATERIALS AND WORK UNDER THE CONTRACT AND SHALL MAKE GOOD, REPAIR, OR REPLACE AT THEIR OWN EXPENSE, ANY DEFECTIVE WORK, MATERIAL OR EQUIPMENT WHICH MAY BE DISCOVERED WITHIN A PERIOD OF 12 MONTHS FROM THE DATE OF WRITTEN ACCEPTANCE OF THE INSTALLATION BY THE TENANT'S CONSTRUCTION MANAGER. IN CASE OF REPLACEMENT OR REPAIR OF EQUIPMENT DUE TO FAILURE WITHIN THE GUARANTEE PERIOD, THE GUARANTEE ON THAT PORTION OF WORK SHALL BE EXTENDED FOR A PERIOD OF 12 MONTHS FROM THE DATE OF SUCH REPLACEMENT OR REPAIR. THIS GUARANTEE, WARRANTY IS TO INCLUDE ALL LABOR, MATERIAL, PARTS, ETC. NECESSARY TO MAINTAIN THE SYSTEM IN SATISFACTORY OPERATION FOR A PERIOD OF ONE YEAR STARTING FROM THE DATE OF ACCEPTANCE OF THE SYSTEM BY THE TENANT. IT SHALL ALSO INCLUDE ONE SUMMER TO WINTER CHANGEOVER AND ONE WINTER TO SUMMER CHANGEOVER, A NEW SET OF FILTERS AT THE TIME OF STARTUP AND TWELVE (12) MONTHLY FILTER CHANGES DURING THE FIRST YEAR. THE NORMAL PREVENTATIVE MAINTENANCE WORK SHALL BE PERFORMED AT THE TIME OF THE FILTER CHANGES. USE ONLY #40 PLEATED TYPE AIR FILTERS.

K. OPERATIONS MANUALS

1. ONE COPY OF EACH OPERATION AND MAINTENANCE MANUAL FOR ALL EQUIPMENT FURNISHED ON THE JOB SHALL BE PROVIDED TO THE TENANT BOUND TOGETHER IN A 3 INCH, THREE RING BINDER. THE BINDER SHALL INCLUDE BUT NOT BE LIMITED TO INSTALLATION, MAINTENANCE AND OPERATING INSTRUCTIONS, PAMPHLETS OR BROCHURES, REVIEWED SHOP DRAWINGS AND WARRANTIES OBTAINED FROM EACH MANUFACTURER OF PRINCIPAL ITEMS OF EQUIPMENT.

-- SPECIFIC NOTES --

1. IT IS THE INTENT OF THESE SPECIFICATIONS TO PROVIDE A COMPLETE INSTALLATION FOR FINISHED WORK, TESTED AND READY FOR OPERATION. THE WORK THROUGHOUT SHALL BE EXECUTED IN THE BEST AND MOST THOROUGH MANNER UNDER THE DIRECTION OF AND TO THE SATISFACTION OF THE OWNER.
2. ALL MATERIALS REQUIRED FOR THIS WORK SHALL BE NEW, UNUSED, BEST OF ITS RESPECTIVE KINDS, AND FREE FROM DEFECTS AND OF FIRST CLASS QUALITY. BASIS OF QUALITY SHALL BE LATEST STANDARDS OF ASTM, ANSI FEDERAL SPECIFICATIONS OR OTHER ACCEPTABLE STANDARDS.
3. THIS CONTRACTOR MUST PROVIDE LANDLORD'S CONSTRUCTION REPRESENTATIVE WITH COPIES OF REQUIRED INSURANCE AND COPIES TO BE FURNISHED TO THE OWNER BEFORE COMMENCING WORK.
4. NOTCHING AND BORING OF STRUCTURAL STEEL MEMBERS IS NOT PERMITTED. WHEN HANGING FROM STRUCTURAL STEEL, HANG ONLY FROM TOP FLANGE OF BEAMS AND TOP CHORDS ONLY AT PANEL POINTS OF JOISTS / TRUSSES.
5. DURING BIDDING, INCLUSIVE OF THE COST TO THE CLIENT, THE PLUMBING SUBCONTRACTOR IS TO COMPLY WITH ALL PIPE SLOPE REQUIREMENTS TO EXISTING PLUMBING WASTE LINES. IF SUCH A SLOPE IS NONEXISTENT, THIS CONTRACTOR TO CREATE A COMPLIANT SLOPE. INCLUDE COSTS TO FURNISH AND INSTALL THE NECESSARY "EJECTOR PUMP" WITH PIT / BASIN AND ASSOCIATED ELECTRIC TO MEET POTENTIAL "SLOPE" ISSUES.

A. WORK RESPONSIBILITY

1. FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND CONTRACTORS FOR A COMPLETE, SAFE INSTALLATION OF PLUMBING WORK IN FULL CONFORMITY WITH REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION AS INDICATED ON DRAWINGS AND / OR HEREIN SPECIFIED, INCLUDING IN GENERAL THE FOLLOWING:
2. SANITARY DRAINAGE CONNECTIONS TO PLUMBING FIXTURES AND EQUIPMENT REQUIRING SAME WITH FINAL CONNECTIONS TO EXISTING PRE-INSTALLED OUTLETS PROVIDED BY PRIOR TENANT(S) OR LANDLORD. PLUMBER SHALL VERIFY EXACT LOCATION OF WASTE PIPE OUTLET BEFORE SUBMITTING BID AND NOTIFY THE ARCHITECT OF ANY LOCATION DISCREPANCIES. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CONCRETE SAW CUTTING REQUIRED TO MAKE THE FINAL CONNECTION TO THE EXISTING WASTE PIPING OR CAPPED OUTLET(S). SAW CUTTING, EXCAVATING, BACKFILLING AND NEW CONCRETE MUST MEET WITH THE LANDLORD'S APPROVAL.
   A. SNAKE SANITARY FOR A DISTANCE OF 100 FEET AND REPORT ANY BLOCKAGE.
   B. TEST WATER PRESSURE TO INSURE MINIMUM OF 50 PSI.
3. COMPLETE VENT SYSTEM: ALL FIXTURES INDIVIDUALLY VENTED WITH FINAL CONNECTION THROUGH ROOF OR TO EXISTING LANDLORD SUPPLIED COMMON VENT. ROOF PENETRATION AND FLASHING TO BE PERFORMED BY LANDLORD'S ROOFER (IF APPLICABLE). COST OF ROOF PENETRATION AND FLASHING TO BE PART OF THIS CONTRACT, UNLESS NOTED OTHERWISE IN BID PROPOSAL (IF APPLICABLE).
4. DOMESTIC WATER SUPPLY SYSTEM INCLUDING CONNECTION TO EXISTING CAPPED OUTLET AND FINAL CONNECTIONS TO PLUMBING FIXTURES AND EQUIPMENT REQUIRING SAME. VERIFY EXACT LOCATION AND SIZE BEFORE SUBMITTING BID.
5. INSULATION OF ALL HOT AND COLD WATER PIPING, INCLUDING UNDER LAVATORY A.D.A. PIPE WRAPPINGS.
6. FURNISH AND INSTALL WATER METER (IF APPLICABLE) ACCESSIBLE TO UTILITY COMPANY OR LANDLORD'S REPRESENTATIVE FOR MONITORING WATER, BUT METER SHOULD IN NO WAY BE IN THE PATH OF THE A.D.A./CABO-ANSI, 5'-0" CIRCULAR PATTERN.
7. COSTS FOR WORKING BELOW TENANT'S SLAB IN ANOTHER TENANT'S SPACE.
8. INSTALLATION OF FLOOR DRAIN, BACKFLOW PREVENTER (IF REQ'D. BY CODE) AS PER LANDLORD REQUIREMENT AND CLEANOUT PER LOCAL CODE. COORDINATE ALL LOCATIONS WITH OPERATIONS MANAGER.
9. COMPLETE NATURAL GAS PIPING SYSTEMS (AS APPLICABLE, REFER TO PLANS).

B. INSTALLATION

1. SLEEVES: PROVIDE #22 GAGE GALVANIZED IRON PIPE SLEEVES FOR PIPING THROUGH WALLS AND FLOOR, PACK WITH NON-ASBESTOS ROPE AND FILL WITH 'EXPANDO' NON-SHRINKING CEMENT.
2. ESCUTCHEONS: PROVIDE EXPOSED PIPING, BOTH BARE AND COVERED, WITH CP CAST BRASS ESCUTCHEONS WHERE PASSING THROUGH FLOORS, CEILINGS, WALLS OR PARTITIONS.
3. HANGERS AND SUPPORTS: SUPPORT HORIZONTAL DRAINAGE PIPING AT LEAST EVERY 5 FEET OR AT EVERY HUB, COPPER TUBING EVERY 7 FEET AND STEEL PIPE EVERY 10 FEET WITH "CLEVIS" HANGERS AND INSULATION PROTECTION SHIELDS. PIPING SHALL NOT BE SUPPORTED FROM BRIDGING OR OTHER PIPING. ONLY SUPPORT FROM TOP FLANGES OF BEAMS AND TOP CHORDS AT PANELS OF JOIST AND TRUSSES. PROVIDE SWAY AND SEISMIC BRACING WHERE REQUIRED BY CODES.
4. TEST: TEST PIPING AND PROVE TIGHT FOR AT LEAST TWO HOURS IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION AND/OR AS SPECIFIED. TEST SHALL BE PERFORMED IN THE PRESENCE OF OWNER'S REPRESENTATIVE AND LOCAL INSPECTOR. TEST SHALL BE REPEATED IF NECESSARY UNTIL FINAL APPROVAL OF SYSTEM IS OBTAINED.
   A. TEST DRAINAGE AND VENT PIPING BY FILLING WITH WATER TO OVERFLOWING AT ROOF, WATER LEVEL TO REMAIN.
   B. TEST WATER PIPING WITH WATER TO 1-1/2 TIMES THE WORKING PRESSURE.
5. STERILIZATION OF DOMESTIC WATER SYSTEM: BEFORE BEING PLACED IN SERVICE, ALL WATER LINES SHALL BE CHLORINATED TO THE SATISFACTION OF THE ARCHITECT OR LANDLORD'S REPRESENTATIVE, IN ACCORDANCE WITH A.W.W.A. SPECIFICATION: C601-53T.
6. SLOPE WASTE LINES 2 INCHES AND SMALLER NOT LESS THAN 1/4 INCH PER FOOT. SLOPE LARGER MAINS NOT LESS THAN 1/8 INCH PER FOOT.
7. INSTALL A CLEANOUT AT BASE OF EACH SOIL STACK, AT EACH CHANGE IN DIRECTION, AT INTERVALS NOT OVER 40 FEET AND ELSEWHERE AS SHOWN ON DRAWINGS OR REQUIRED BY LOCAL CODE. CLEANOUTS SHALL NOT BE INSTALLED IN PUBLIC AREAS WITHOUT SPECIFIC PERMISSION BY TENANT'S CONSTRUCTION MANAGER.

C. MATERIALS

1. DRAINAGE AND VENT PIPING: EXTRA HEAVY HUB AND SPIGOT CAST IRON SOIL WITH RUBBER GASKETS CONFORMING TO ASTM TEST: C564.° NO-HUB CAST IRON TO HAVE HEAVY DUTY, TYPE 304 STAINLESS STEEL COUPLINGS CONFORMING TO ASTM TEST: A666, TYPE 304 STAINLESS STEEL SHIELD, TYPE 304 STAINLESS STEEL BANDS AND SLEEVE.
   NPS 1-1/2" TO NPS 4": 3" WIDE SHIELD WITH 4 BANDS;
   NPS 5" TO NPS 10": 4" WIDE BAND WITH 6 BANDS.
2. WATER PIPING BELOW SLAB: TYPE "K" HARD COPPER TUBING, WITH CAST BRONZE OR WROUGHT COPPER FITTINGS AND SILVER SOLDER JOINTS.
3. WATER PIPING ABOVE SLAB: TYPE "L" COPPER TUBING, WITH CAST BRONZE OR WROUGHT COPPER FITTINGS AND 95-5 SOLDER JOINTS.
4. WATER HAMMER ARRESTERS: PROVIDE ON HOT AND COLD WATER BRANCHES THAT UTILIZE QUICK CLOSING VALVES INCLUDING FLUSHOMETERS, SOLENOIDS, ETC., SIOUX CHIEF 650 SERIES, FOR UP TO 330 FIXTURE UNITS.° INSTALL IN ACCESSIBLE AREA OR PROVIDE ACCESS PANEL.
5. VALVES: GATE VALVE WATTS SERIES LFWGV: 1/2" TO 1" BRONZE BODY; CHECK VALVE WATTS SERIES LFWCV: 1/2" TO 1" BRONZE BODY; BALL VALVE WATTS SERIES LFB6080 OR LFB6081 FULL PORT: 1/2" TO 2" BRONZE BODY.
6. TEMPERATURE / PRESSURE RELIEF VALVE: WATTS REGULATING CO. MODEL LF10L.
7. PRESSURE REDUCING VALVE: WATTS SERIES LF25AUB-Z3 BRONZE BODY WITH INTEGRAL S/S STRAINER, SEALED CAGE FOR 1/2" TO 2" DIA. TO 300 PSI.
8. PRESSURE GAUGE: AMETEK DIV. OF U.S. GAUGE MODEL 5105, 4-1/2" DIAL, 1/4" STEM, ALUMINUM CASE, BLACK FINISH.
9. AIR VENT: HOFFMAN #79 WATER MAIN VENT VALVE.
10. WATER METER:
    A. 1/2" TO 3/4" - MUELLER SYSTEMS 420 SERIES WITH BRONZE BODY
    B. 1" - MUELLER SYSTEMS 435 SERIES WITH BRONZE BODY
    C. 1-1/2" & 2" - MUELLER SYSTEMS 500 SERIES WITH BRONZE BODY
11. VACUUM RELIEF VALVE: WATTS MODEL N36-M1 BRASS BODY, 1/2" NPT LINE SIZE.
12. EXPANSION TANK: AMTROL THERM-X-TROL SERIES EXPANSION TANKS.
13. TRAP PRIMER: PPP MODEL P1-500 UP TO FOUR CONNECTIONS.° OPTIONAL DISTRIBUTION UNIT REQUIRED FOR 2, 3 AND FOUR DRAIN LINES.° INSTALL IN ACCESSIBLE AREA OR PROVIDE ACCESS PANEL.
14. MIXING VALVE: WATTS SERIES LFMMV MIXING VALVE, 1/2" LINE SIZE.
15. BACKFLOW PREVENTER: WATTS SERIES 919 REDUCED PRESSURE ZONE ASSEMBLY BACKFLOW PREVENTOR.° LINE SIZE 1/2" TO 2" TO MATCH INLET WATER LINE SIZE.

D. INSULATION

1. ALL HOT AND COLD WATER PIPING AND FITTINGS SHALL BE INSULATED WITH 1" THICK RIGID FIBERGLASS WITH VAPOR BARRIER UNIVERSAL JACKET PASTED WITH VAPOR BARRIER CEMENT. VAPOR BARRIER NOT REQUIRED ON HOT WATER PIPING.
2. ALL ADA-CONFORMING, WHEELCHAIR-ACCESSIBLE LAVATORY P-TRAP AND ANGLE VALVE ASSEMBLIES TO BE COVERED WITH THE MOLDED, ANTIMICROBIAL TRUBRO, INC. "LAV-GUARD" UNDER-SINK PROTECTIVE PIPE COVER MODEL #103.

E. SPECIFIC PLUMBING SPECIFICATIONS

1. INSTALL NEW ONLY IF EXISTING DOES NOT MEET CURRENT ADA / CABO / ANSI (AS APPLICABLE) STANDARDS, OR IS DAMAGED, NOT IN WORKING ORDER OR NOT EXISTING AS APPLICABLE.
2. IT IS THIS CONTRACTOR'S RESPONSIBILITY TO SUPPLY HANDICAPPED TOILET FIXTURES, IF REQUIRED BY CODE OR NOTED ON THE DRAWINGS, UTILIZING THE SPECIFICATION ABOVE AS A STANDARD AND MEETING CODE REQUIREMENTS. SPACING OF FIXTURES TO BE COORDINATED WITH THE GENERAL CONTRACTOR AS WELL AS THE PLUMBING INSPECTOR'S REQUIREMENTS.

F. LANDLORD'S CRITERIA

1. THE PLUMBING CONTRACTOR IS TO BECOME FAMILIARIZED WITH LANDLORD'S CRITERIA FOR THIS LOCATION AND INCLUDE ANY WORK REQUIRED OF THIS CRITERIA, WHICH IS NOT SPECIFICALLY NOTED IN THESE DRAWINGS AND SPECIFICATIONS.

G. ELASTOMERIC WATERPROOFING MEMBRANE

1. DESCRIPTION: MANUFACTURER'S PROPRIETARY ELASTOMERIC COMPOUND FORMULATED FOR USE AS HEAVY DUTY WATERPROOF MEMBRANE UNDER CERAMIC TILE FLOORS.
2. REQUIRED IN WET AREAS:
   A. TOILET ROOMS
   B. FLOOR MUST PITCH TO FLOOR DRAIN A MINIMUM OF 1/4" PER FOOT (2% SLOPE), MAXIMUM OF 1/2" PER FOOT.
3. ACCEPTABLE MANUFACTURERS:
   A. BOSTIC CONSTRUCTION PRODUCTS, HUNTINGDON VALLEY, PA.
   B. MAPEI CORPORATION, ELK GROVE VILLAGE, IL.
   C. THE NOBLE COMPANY, GRAND HAVEN, MI.
   D. LATICRETE INTERNATIONAL, BETHANY, CT.
4. INSTALLATION: (2 COATS)
   A. INSTALL OVER CURED CEMENT MORTAR BED AND CONCRETE FLOORS AS APPLICABLE, IN STRICT COMPLIANCE WITH MANUFACTURER'S INSTRUCTIONS.
   B. FLASH MEMBRANE 4" UP ADJACENT WALLS AND RESTRAINING SURFACES AS RECOMMENDED BY MANUFACTURER.
   C. ALLOW MEMBRANE TO CURE PRIOR TO SETTING TILE.
   D. DO NOT ALLOW CONSTRUCTION TRAFFIC ON MEMBRANE.
5. MUST BE SLEEVED AND CAULKED.

07-17-2019 DN

CONTRACTOR TO COMPLY WITH BUILDING / LANDLORD CRITERIA, DESIGN CRITERIA, STANDARD PRACTICES AND LOCAL CODE / ORDINANCE REQUIREMENTS WHEN COMMENCING WORK. THESE REQUIREMENTS SHALL SUPERSEDE ANY AND ALL INFORMATION ON THE DRAWINGS UNLESS AGREEMENT TO THE CONTRARY DURING THE BID PROCESS WHEREAS THE CLIENT WILL BE EXCLUDED FROM INCURRING ANY ADDITIONAL COSTS. THE GENERAL CONTRACTOR SHALL OVERSEE THE EXECUTION AND COMPLETION OF THESE ITEMS ALSO AT NO ADDITIONAL COST TO THE CLIENT. ANY DISCREPANCIES OR INCONSISTENCIES CONCERNING THESE REQUIREMENTS AFTER THE PROJECT IS AWARDED SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OWNER AND TENANT FOR APPROVAL PRIOR TO COMMENCING WORK. ANY UPGRADES TO THE DESIGN / SCOPE OF WORK TO CONFORM TO THE PRECEDING REQUIREMENTS AT THIS JUNCTURE WILL THEN BE AT THE TENANT'S EXPENSE.

SINCE CODES VARY ACROSS REGIONS, IT IS THE GENERAL AND SUBCONTRACTOR'S RESPONSIBILITY TO REVIEW THE CONSTRUCTION DRAWINGS DURING BIDDING AND INCLUDE IN THEIR BID ANY ALTERNATE CODE RELATED RECOMMENDATIONS / DETAILS OR SPECIFICATIONS. IF THERE ARE ANY PROPOSED ALTERATION EQUIPMENT / INSTALLATION CHANGES, THEN THE COSTS FOR THESE CHANGES ARE TO BE EQUAL TO OR GREATER IN VALUE TO THE ITEMS AND QUANTITIES MENTIONED IN THE ORIGINAL CONSTRUCTION DRAWINGS AND THE CHANGES SHALL BE SUBMITTED TO THE ARCHITECT / ENGINEER FOR REVIEW AND APPROVAL. CONTRACTORS WHO DO NOT ADHERE TO THIS REQUIREMENT WILL BE RESPONSIBLE FOR INCURRING THE ADDED COSTS REQUIRED FOR THE DESIGN TO COMPLY WITH LOCAL CODE.

THE CONTRACTOR, IN REGARDS TO ANY SAWCUTTING, COREDRILLING OR ANY PENETRATING OF A CONCRETE SLAB, FLOOR AND/OR ROOF, IS REQUIRED TO SURVEY DURING BIDDING TO DETERMINE ANY ISSUES, INCLUDING BUT NOT LIMITED TO, NECESSITY OF X-RAYING OF A CONCRETE SLAB, WHERE SUCH MATERIAL BEING PENETRATED IS NOT PROJECTED AND/OR ROUTED INTO A SPACE(S) THAT CREATES A NON-CODE COMPLIANT CONDITION, THE NEED FOR WEATHERSTRIPPING, WATERPROOFING OR OTHER CONDITION AND TO NOTIFY THE OWNER IF A PROBLEM(S) MAY EXIST AND TO INCLUDE COSTS TO SOLVE THE ISSUE UNCOVERED, IN ADDITION TO, NOTIFYING THE ARCHITECT OF RECORD REGARDING SUCH ISSUE(S).

GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CHANGES TO APPLICATIONS NOT CONSISTENT WITH CONTRACT DOCUMENTS IN ALL CASES, INCLUDING "SELF-CERTIFICATION" BY THE ARCHITECT.

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH ALL NATIONAL, STATE, & LOCAL CODES AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL PLUMBING WORK IS PROVIDED AND INSTALLED IN STRICT ACCORDANCE WITH SEISMIC REQUIREMENTS.
2. THE CONTRACTOR SHALL PREPARE AND FILE ALL REQUIRED PLANS AND PERMITS WITH THE LOCAL BUILDING DEPARTMENT AND SHALL PAY ALL FILING FEES AS REQUIRED. THE CONTRACTOR SHALL OBTAIN ALL AUTHORITIES AND SHALL PAY ALL WORK PERMITS, INSPECTIONS, AND WRITE-OFFS AS REQUIRED TO EXECUTE THIS WORK IN A MANNER IN CONFORMANCE WITH THE CODES AND AUTHORITIES HAVING JURISDICTION.
3. CONTRACTOR SHALL COMPLY WITH ALL LANDLORD AND CLIENT DESIGN CRITERIA REQUIREMENTS.
4. GENERAL CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH LANDLORD'S ON-SITE OPERATIONS MANAGER.
5. DO NOT SCALE FROM THESE DRAWINGS.
6. ALL REMOVALS PERFORMED UNDER THIS CONTRACT SHALL INCLUDE REMOVAL OF ALL DEBRIS AND DISPOSAL AT AN APPROPRIATE SITE. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR DEMOLITION WORK. ANY UNUSED EXISTING PLUMBING FIXTURES AND ASSOCIATED PIPING, VALVES, ETC. SHALL BE REMOVED IN THEIR ENTIRETY AND SHALL NOT BE ABANDONED IN PLACE UNLESS OTHERWISE NOTED BY THE CONSTRUCTION DOCUMENTS.
7. PLUMBING CONTRACTOR SHALL CONSULT WITH, COOPERATE AND COORDINATE WITH THE GENERAL CONTRACTOR, HVAC CONTRACTOR, SPRINKLER CONTRACTOR, ELECTRICAL CONTRACTOR, ETC. IN ORDER TO MINIMIZE INTERFERENCES BETWEEN TRADES DURING PERFORMANCE OF THIS WORK.
8. CONTRACTOR SHALL VERIFY LOCATION, INVERT, DIRECTION OF FLOW, AND CONDITION OF EXISTING SANITARY PIPING PRIOR TO COMMENCEMENT OF WORK.
9. THE PLUMBING CONTRACTOR SHALL PERFORM ALL TESTS AND ARRANGE FOR ALL INSPECTIONS FOR WORK UNDER THEIR CONTRACT AS REQUIRED BY LAW AND SHALL SUPPLY ALL CERTIFICATES OF INSURANCE AS REQUIRED BY THE LAW AND THE OWNER.
10. THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL PLUMBING EQUIPMENT REGARDLESS WHETHER IT IS ILLUSTRATED HEREIN OR NOT WITHOUT ANY ADDITIONAL COSTS TO THE OWNER.
11. PLUMBING CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS, INCLUDING THE SIZE OF CONNECTIONS, ROUGH-IN DIMENSIONS, ETC. BEFORE SUBMITTING A QUOTE FOR THE WORK.
12. PLUMBING CONTRACTOR SHALL PERFORM ALL CUTTING, EXCAVATION, BACKFILLING, ROUGH AND FINISH PATCHING AS PER THE SPECIFICATIONS AS REQUIRED FOR THE INSTALLATION OF THE WORK, UNLESS NOTED OTHERWISE.
13. ALL CONNECTIONS TO NEW AND / OR EXISTING EQUIPMENT SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
14. ALL PIPE HANGERS AND SUPPORTS SHALL BE INSTALLED AT REQUIRED INTERVALS AND BE FABRICATED OF MATERIALS AS REQUIRED BY THE CODE.
15. ALL NEW EXPOSED WATER AND WASTE PIPING SERVING THE FIXTURES SHALL BE CHROME PLATED AND SHALL HAVE CHROME PLATED ESCUTCHEONS RIGIDLY ATTACHED TO THE PIPING AT THE POINT OF ANY WALL OR FLOOR PENETRATIONS.
16. WATERPROOF PIPE SLEEVES SHALL BE INSTALLED AT ALL PENETRATIONS THROUGH EXTERIOR WALLS.
17. FIRE SEALED PIPE SLEEVES SHALL BE INSTALLED AT ALL WALL PENETRATIONS THROUGH INTERIOR WALLS AND FLOORS.
18. WATER HAMMER ARRESTERS SHALL BE INSTALLED AT ALL RUN OUTS IN HOT AND / OR COLD WATER LINES SERVING TOILET ROOMS AND OTHER AREAS WHICH INCORPORATE QUICK CLOSING VALVES SUCH AS FLUSHOMETERS, SOLENOID VALVES, ETC.
19. ALL PIPING SHALL BE TESTED AT A MINIMUM PRESSURE OF 1-1/2 TIMES THE MAXIMUM OPERATING PRESSURE UNLESS OTHERWISE NOTED ON THE DOCUMENTS OR THE PLUMBING CODE AND IN ACCORDANCE WITH THE UTILITY REQUIREMENTS FOR APPLICABLE PIPING SYSTEMS.
20. ALL LAVATORIES DESIGNED FOR USE BY PERSONS CONFINED TO WHEELCHAIRS SHALL HAVE THE HOT AND COLD WATER SERVICES, AS WELL AS THE TRAP, RECESSED AND INSULATED IN ACCORDANCE WITH THE ADA REQUIREMENTS.
21. ALL WATER PIPING IS TO BE INSULATED WITH 1" FIBERGLASS INSULATION. JACKETED GLASS FIBER PREFORMED INSULATION W/ JACKET SEALED & TAPED
22. ALL PLUMBING FIXTURES TO BE INSTALLED AS PER MANUFACTURER RECOMMENDATIONS.
23. ALL PIPE DIMENSIONS ARE INSIDE CLEAR.
24. ALL WATER PIPING SERVING PLUMBING FIXTURES & EQUIPMENT TO HAVE ISOLATION VALVES.
25. CONTRACTOR SHALL COORDINATE ALL ROOFING WORK WITH LANDLORD'S APPROVED ROOFING CONTRACTOR. CONTRACTOR TO INSPECT ALL EXISTING ROOF PENETRATIONS TO REMAIN. IF REQUIRED G.C. SHALL HIRE ROOFING CONTRACTOR TO PATCH & REPAIR ROOF INCLUDING NEW FLASHINGS, BOOTS, PORTALS, (ETC.) AS DEEMED NECESSARY UPON INSPECTION.
26. ALL PIPING SHALL BE CLEARLY AND DISTINCTLY IDENTIFIED WITH STENCIL MARKERS.
27. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CHANGES TO APPLICATIONS NOT CONSISTENT WITH CONTRACT DOCUMENTS IN ALL CASES, INCLUDING "SELF-CERTIFICATION" BY THE ARCHITECT.

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DATE:	ISSUE:
08.29.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: JMS
SCALE: AS NOTED	CHECKED BY: NRP
DATE: 10.03.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: RAH

DIALECTIC ENGINEERING

DRAWING NAME: PLUMBING SPECIFICATIONS & GENERAL NOTES

DRAWING NO.: P0.1

FIRM REGISTRATION NO.:

ROBERT A. HARRIS LICENSE No. 68695 STATE OF FLORIDA PROFESSIONAL ENGINEER
09.29.22
SEAL

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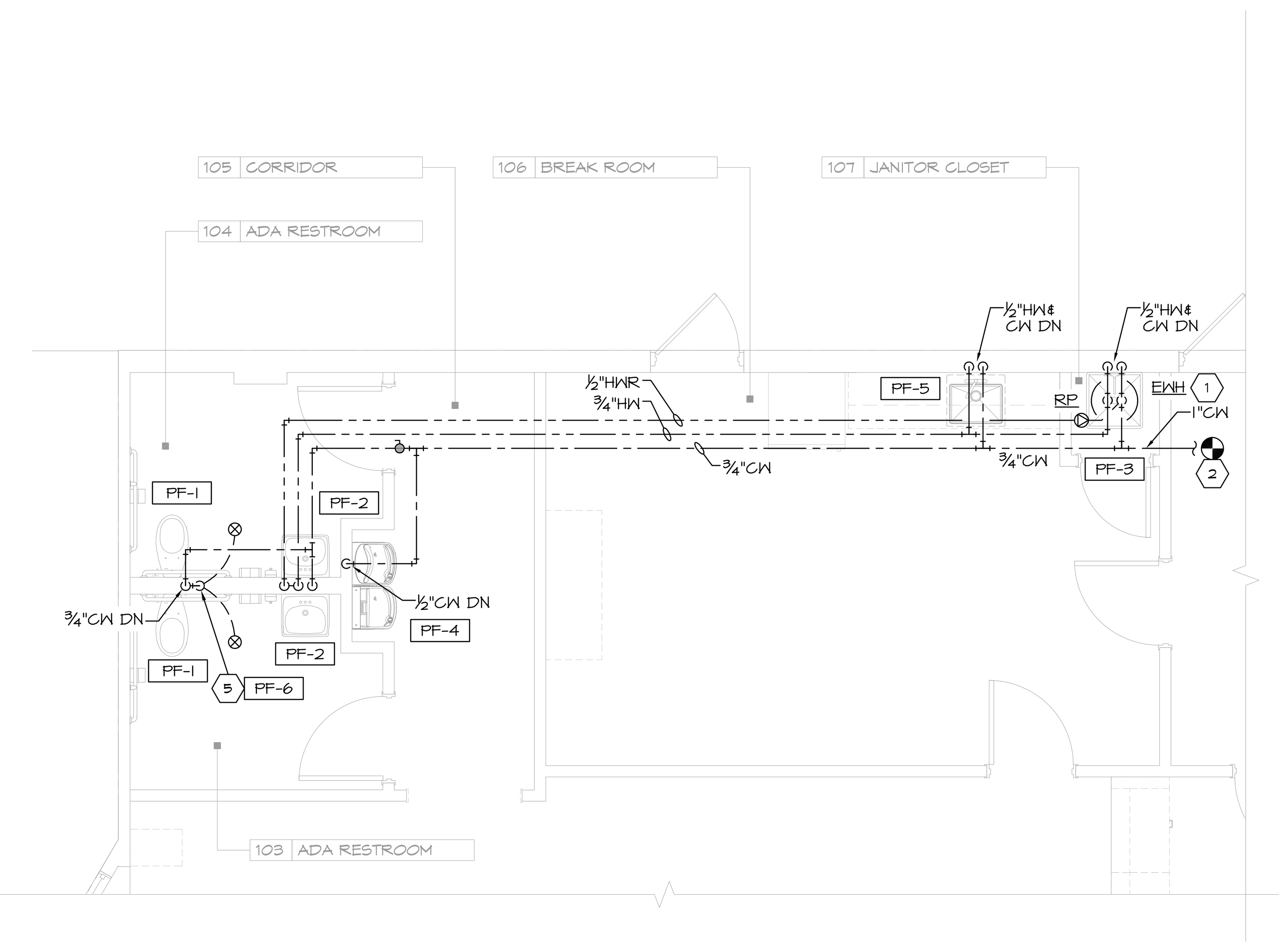
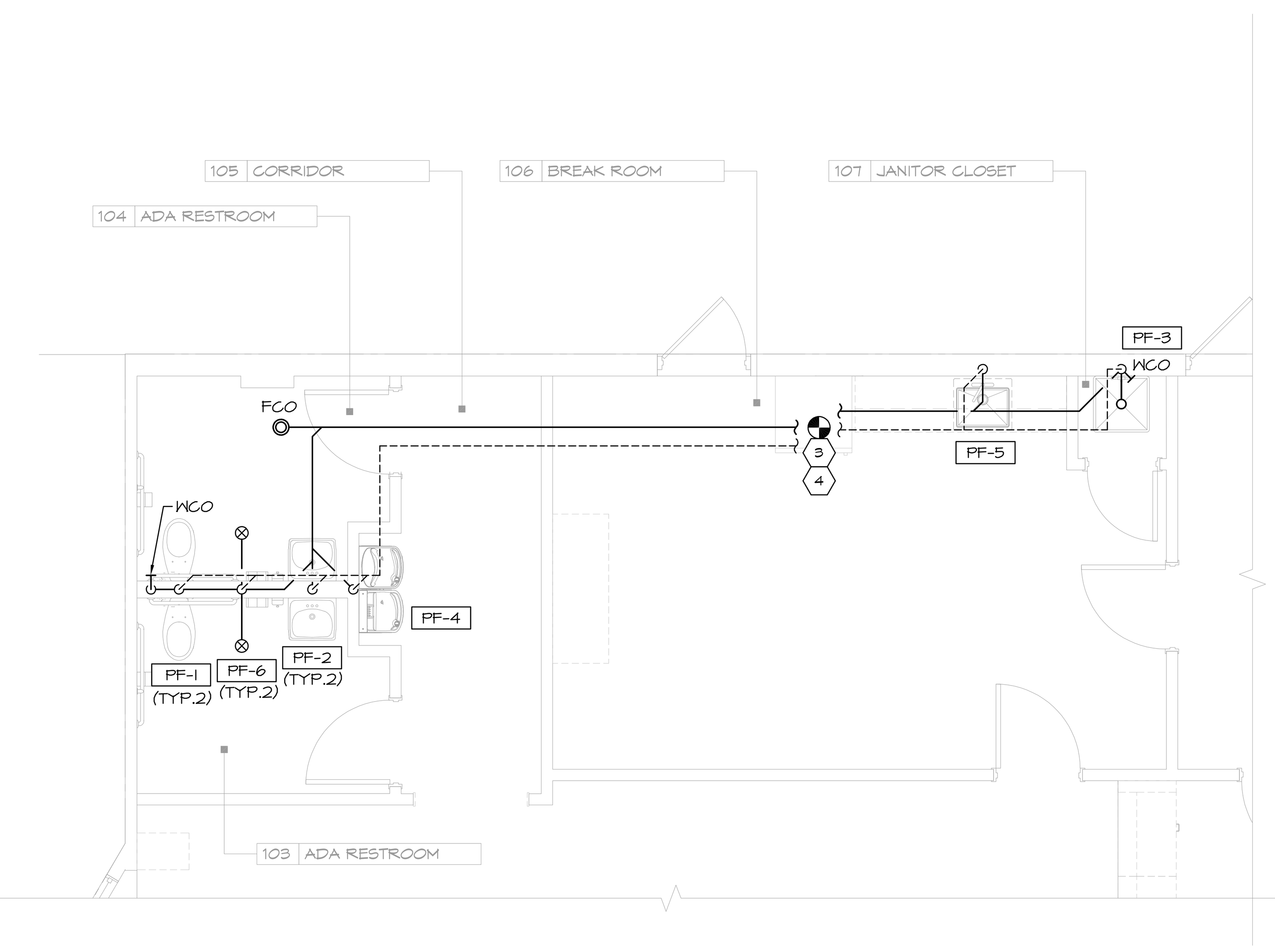
SEAL

DATE: AS SHOWN PROJECT NO.: 220392 LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055 PROJECT: CRESCO LABS PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

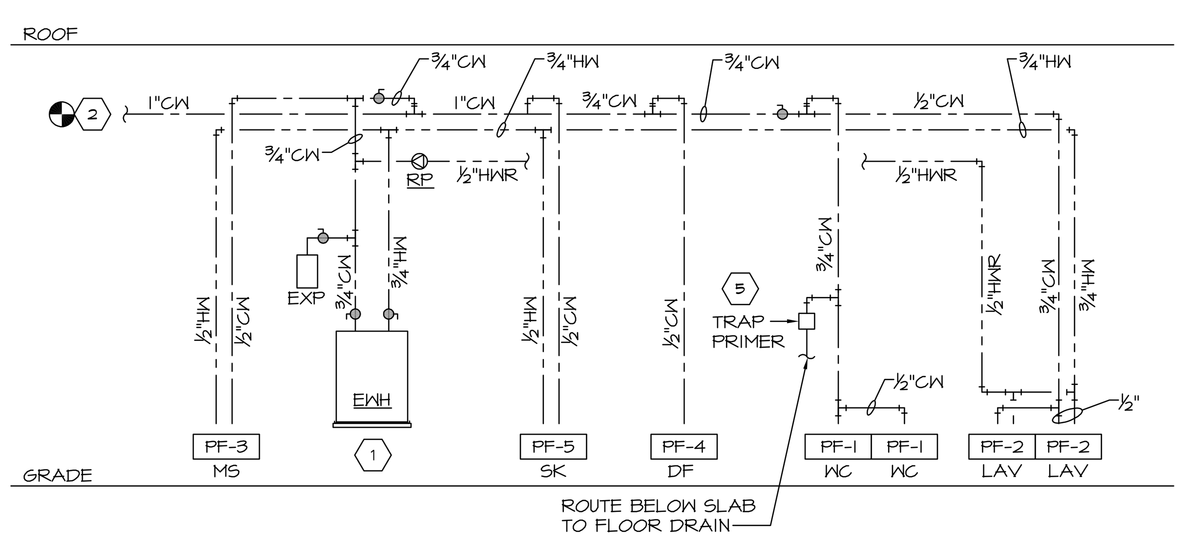


1 DOMESTIC WATER SUPPLY PLAN
SCALE: 1/4" = 1'-0"

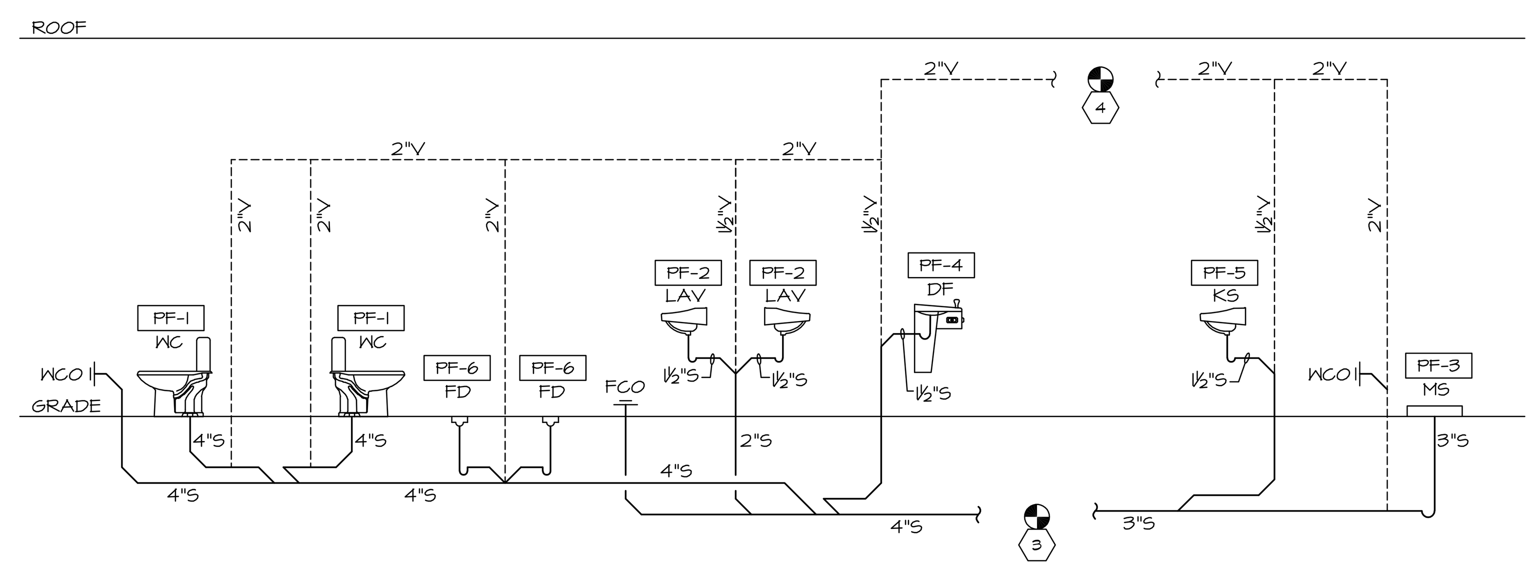


2 SANITARY & VENT PLAN
SCALE: 1/4" = 1'-0"

ALL PLUMBING PIPES LOCATED ABOVE CEILING TO BE PLENUM RATED OR COPPER.



3 DOMESTIC WATER SUPPLY RISER DIAGRAM
SCALE: NTS



4 SANITARY & VENT RISER DIAGRAM
SCALE: NTS

GENERAL ABBREVIATIONS

IDENTIFIER	DESCRIPTION	IDENTIFIER	DESCRIPTION
AFF	ABOVE FINISHED FLOOR	MAX	MAXIMUM
AFG	ABOVE FINISHED GRADE	MFR	MANUFACTURER
BFG	BELOW FINISHED GRADE	MH	MOUNTING HEIGHT
BLDG	BUILDING	MIN	MINIMUM
CLG	CEILING	MTD	MOUNTED
CO	COMPANY	NIC	NOT IN CONTRACT
CW	COLD WATER	NTS	NOT TO SCALE
SCW	SOFTENED COLD WATER	OC	ON CENTER
DN	DOWN	PC	PLUMBING CONTRACTOR
DWG(S)	DRAWING(S)	PSI	POUNDS PER SQUARE INCH
EM	EMERGENCY	S	SANITARY
F.C.O.	FLOOR CLEAN OUT	SQ. FT.	SQUARE FEET
FD	FLOOR DRAIN	TYP	TYPICAL
FS	FLOW SWITCH	UON	UNLESS OTHERWISE NOTED
GC	GENERAL CONTRACTOR	V	VENT
HW	HOT WATER	V.I.F.	VERIFY IN FIELD
HWR	HOT WATER RETURN	W.C.O.	WALL CLEAN OUT

THE GENERAL CONTRACTOR IS RESPONSIBLE AT THE BEGINNING OF THE PROJECT TO MEASURE THE SPACE WHILE REVIEWING THE ARCHITECT'S DRAWINGS TO VERIFY THAT THE INFORMATION CONTAINED IN THE PLUMBING DOCUMENTS, ON WHICH HE/SHE QUOTED TO THE CLIENT, ARE COMPATIBLE WITH THE WORK TO BE PERFORMED AND THAT ALL SPACES ARE SUFFICIENT IN SIZE FOR THE WORK TO BE COMPLETED INCLUDING WIDTHS, LENGTHS, HEIGHTS, ETC.

PLUMBING LEGEND

	DOMESTIC COLD WATER PIPING (CW)		FLOOR CLEANOUT (PLAN / RISER VIEW) (FCO)
	DOMESTIC HOT WATER PIPING (HW)		WALL CLEANOUT (PLAN / RISER VIEW) (WCO)
	DOMESTIC HOT WATER RETURN PIPING (HWR)	OR	FLOOR DRAIN (PLAN / RISER VIEW) (FD)
	CONDENSATE PIPING		BALL / GATE VALVE
	SANITARY PIPING (S)		CHECK VALVE
	VENT PIPING (V)		THERMOSTATIC MIXING VALVE (SET TO 110°F)
	TOP CONNECTION, 45° OR 90°		TEMPERATURE & PRESSURE RELIEF VALVE
	BOTTOM CONNECTION		TRAP PRIMER
	PIPE UP		WATER HAMMER ARRESTOR
	PIPE DOWN		CIRCUIT SETTER/ BALANCING VALVE
	CAPPED PIPING		GAS SHUT OFF VALVE

NOTE:
SYMBOL LIST SHOWN IS FOR GENERAL REFERENCE ONLY. THE PRESENCE OF A SYMBOL DOES NOT IMPLY ITS USE ON THIS PROJECT. REFER TO DRAWINGS FOR SPECIFIC SYMBOLS USED.

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL NO.	REMARKS
PF-1	WATER CLOSET HANDICAP	KOHLER	#K-5298-0/#K-5298-TR "HIGHLINE COMFORT HEIGHT"	FLOOR MOUNTED, WHITE VITREOUS CHINA WITH CLOSE-COUPLED TANK, ELONGATED BOWL, AND EXPOSED TRAPWAY, 1.0GPF. PROVIDE OPEN FRONT SEAT LESS COVER. PROVIDE ALTERNATE TANK AS REQUIRED TO ENSURE TRIP LEVER INSTALLATION ON WIDE SIDE OF FIXTURE.
PF-2	LAVATORY WALL HUNG	AMERICAN STANDARD	#0355.012 "LUCERNE"	WALL-HUNG, WHITE VITREOUS CHINA WITH REAR OVERFLOW. PROVIDE AMERICAN STANDARD #1340M.105 PILLAR TAP METERING FAUCET WITH SINGLE HOLE MOUNTING AND 4" DECK PLATE. PROVIDE GRID STRAINER, CAST BRASS P-TRAP, SUPPLIES/STOPS, FLOOR MOUNTED CONCEALED ARM SUPPORT, LEONARD 170-LF THERMOSTATIC MIXING VALVE, AND TRUBRO E-Z LAV GUARD INSULATION KIT.
PF-3	MOP SINK	FIAT	MSB 2424	PROVIDE FIAT #830AA WALL MOUNTED SERVICE SINK FAUCET
PF-4	DRINKING FOUNTAIN	ELKAY	#EZSTL8WSLK	REFRIGERATED BI LEVEL CABINET WITH BOTTLE FILLING STATION, LIGHT GRAY FINISH. PROVIDE CAST BRASS P-TRAP, SUPPLY/STOP, AND FLOOR MOUNTED SUPPORT. MOUNT WITH LOWER SPOUT 35" ABOVE FINISH FLOOR.
PF-5	KITCHEN SINK	ELKAY	#ECTSRAD25226TBG "CROSSTOWN"	STAINLESS STEEL UNDERMOUNT SINK, 25"x22" WITH (3) HOLE CONFIGURATION. PROVIDE AMERICAN STANDARD #7074.300 "COLONY PRO" PULL-DOWN FAUCET WITH SINGLE LEVER HANDLE. PROVIDE #LKAD35 DRAIN, TAILPIECE, CAST BRASS P-TRAP, SUPPLIES, AND STOPS.
PF-6	FLOOR DRAIN	ZURN	#ZN-415B	CAST IRON BODY WITH HEEL PROOF, NICKEL BRONZE STRAINER. OUTLET SIZE PER PLANS.

NOTE: CONTRACTOR SHALL SUBMIT FIXTURE AND ACCESSORY SPECIFICATIONS FOR REVIEW AND APPROVAL PRIOR TO PURCHASE.

PLUMBING EQUIPMENT SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL NO.	REMARKS
EWH	ELECTRIC WATER HEATER	A.O. SMITH	DEL-20	20 GALLON LOWBOY WATER HEATER, 4.5KW, 23 GPH RECOVERY AT 80°. 240V/1PH/60HZ. PROVIDE WITH T&P RELIEF VALVE AND WATTS T-5 EXPANSION TANK.
RP	RECIRCULATION PUMP	BELL & GOSSETT	PL30B	2 GPM AT 1.43 FT HEAD. PROVIDE WITH AQUASTAT AND AUTOMATIC TIMER KIT. INSTALL NEAR WATER HEATER PER MANUFACTURER RECOMMENDATIONS. 120V/1PH, HARDWIRED CONNECTION.

KEY NOTES

1	NEW ELECTRIC WATER HEATER INSTALLED ON WALL-MOUNTED BRACKET. ROUTE WASTE FROM T&P AND DRAIN VALVE TO MOP SINK AND INDIRECT WASTE.
2	CONNECT TO NEAREST EXISTING COLD WATER PIPING OF EQUAL OR GREATER SIZE. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING PIPING PRIOR TO CONNECTION.
3	CONNECT TO NEAREST EXISTING SANITARY PIPING OF EQUAL OR GREATER SIZE BELOW SLAB. FIELD VERIFY EXACT SIZE, LOCATION, ELEVATION, SLOPE, AND FLOW DIRECTION OF EXISTING PIPING PRIOR TO CONNECTION.
4	CONNECT TO NEAREST EXISTING VENT PIPING OF EQUAL OR GREATER SIZE. VERIFY EXACT SIZE, LOCATION, AND ELEVATION OF EXISTING PIPING PRIOR TO CONNECTION.
5	PROVIDE TRAP PRIMER AS LISTED IN SPECIFICATION SECTION C13. INSTALL PER MANUFACTURER'S RECOMMENDATIONS IN ACCESSIBLE LOCATION OR WITH ACCESS PANEL. COORDINATE WITH ARCHITECT IF ACCESS PANEL IS REQUIRED.

DEMOLITION NOTES

REMOVE ALL EXISTING PLUMBING EQUIPMENT, HANGERS, SUPPORTS, PIPING, FIXTURES, AND ACCESSORIES SERVING ONLY THIS SPACE AND NOT INDICATED TO REMAIN. CAP ALL UNUSED PIPING ABOVE CEILING OR BELOW SLAB. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID.

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ENGINEER OF RECORD:
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Dialectic, Inc.
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DATE:	ISSUE:
08.29.22	OWNER REVIEW SET
10.03.22	BID/PERMIT SET

DATE: NO.: REVISIONS / BY:

PROJECT: Sunnyside*

LOCATION:
2806 WEST US HWY 90
LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: JMS
SCALE: AS NOTED	CHECKED BY: NRP
DATE: 07.15.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: RAH

DIALECTIC ENGINEERING

DRAWING NAME:
PLUMBING PLANS & RISER DIAGRAMS

DRAWING NO.:
P1.1

FIRM REGISTRATION NO.:

ROBERT A. HARRIS LICENSE No. 68695 STATE OF FLORIDA PROFESSIONAL ENGINEER
09.29.22

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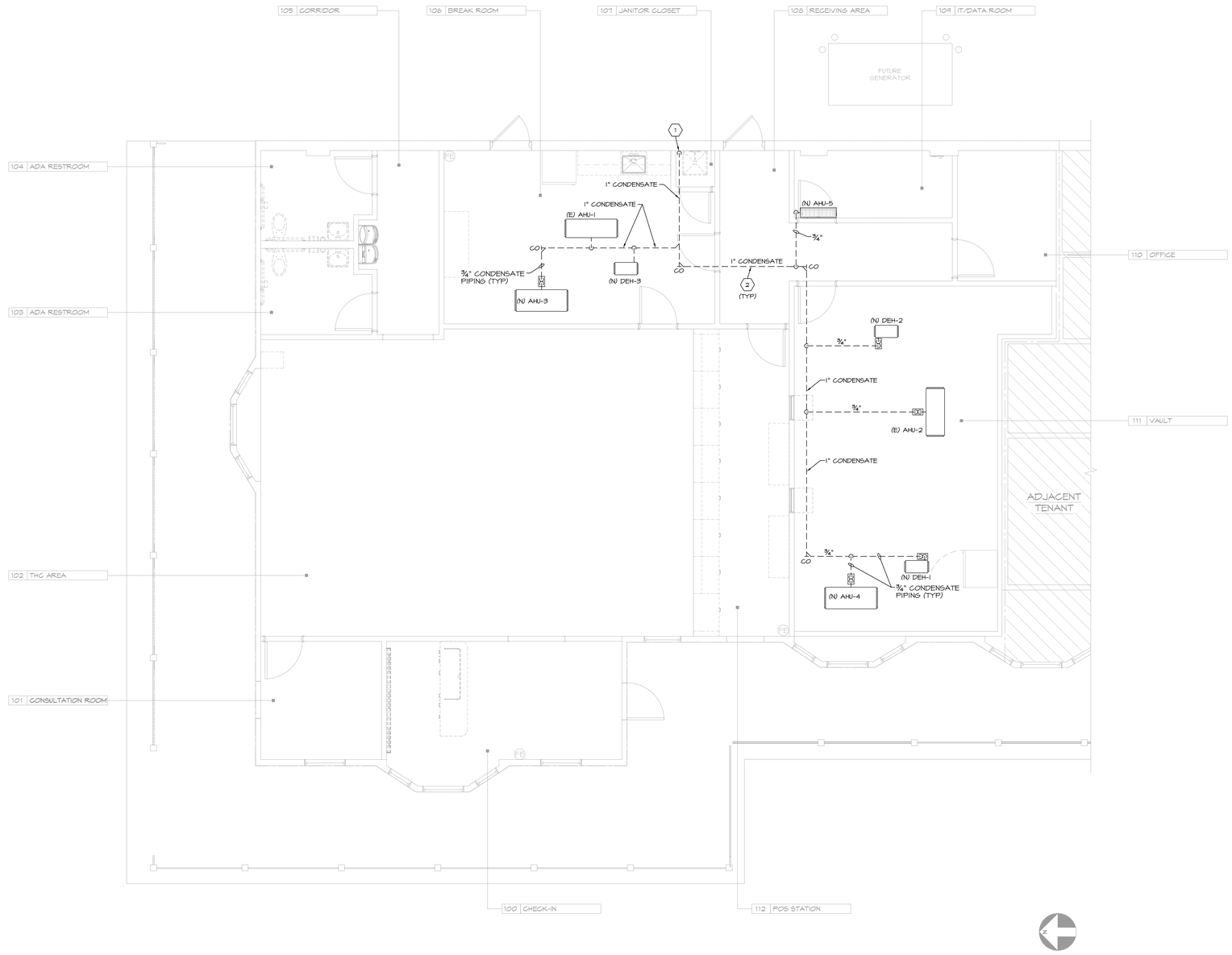
SEAL

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

DATE: AS SHOWN
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED



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1 PLUMBING PLAN & NOTES - CONDENSATE
SCALE: 1/4" = 1'-0"

KEY NOTES

1	ROUTE 1" CONDENSATE PIPE DOWN TO MOP SINK.
2	PITCH CONDENSATE PIPE TOWARD DISCHARGE AND PROVIDE CLEANOUTS AS REQUIRED. VERIFY ROUTING IN FIELD PRIOR TO BID.

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10.03.22	BID/PERMIT SET

DATE:	NO.:	REVISIONS / BY:

PROJECT: Sunnyside

LOCATION: 2806 WEST US HWY 90 LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: JMS
SCALE: AS NOTED	CHECKED BY: NRP
DATE: 10.03.22	THESE DRAWINGS WERE COMPLETED UNDER THE DIRECT SUPERVISION OF: RAH

DIALECTIC ENGINEERING

DRAWING NAME: PLUMBING PLAN & NOTES - CONDENSATE

DRAWING NO.: P1.2

FIRM REGISTRATION NO.:

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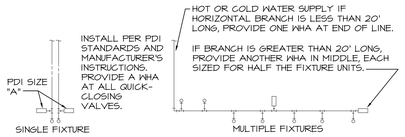
PROJECT NO.: 220392
LOCATION: 2806 WEST US HWY 90, LAKE CITY, FL 32055
PROJECT: CRESCO LABS
PLOT SCALE: AS NOTED

NOTE: HARDCOPY SHEETS SMALLER THAN 30x42 ARE NOT TO SCALE.

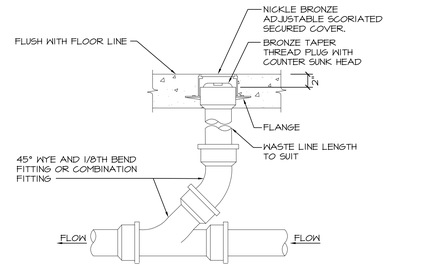


PDI SIZE	PIPE SIZE	FIXTURE UNIT LOAD
A	1/2"	1-11
B	3/4"	12-32
C	1"	33-60
D	1-1/4"	61-113
E	1-1/2"	114-154
F	2"	154-330

FIXTURE UNIT TABULATION		
FIXTURE	COLD	HOT
VALVE WATER CLOSET	10	--
TANK WATER CLOSET	3	--
LAVATORY/SINK	2	2
SHOWER/BATHTUB	2	2

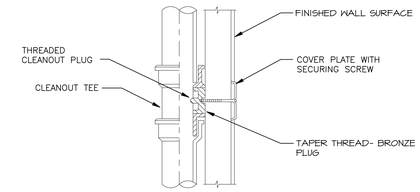
DO NOT PROVIDE AIR CHAMBERS. PROVIDE WATER HAMMER ARRESTERS BY SIOUX CHIEF, PRESISION PLUMBING PRODUCTS, WATTS OR APPROVED EQUIVALENT WITH PISTON AND O-RING CONSTRUCTION, HAVING PDI #WH-201, ASSE # 1010 AND ANSI # A112.26.1M CERTIFICATION. INSTALL IN HORIZONTAL OR VERTICAL POSITION, BUT NEVER UPSIDE DOWN. INSTALL IN LINE WITH WATER FLOW IF POSSIBLE. SIZE THE UNITS AS SHOWN ON THE DRAWINGS AND/OR PER THE TABLES SHOWN ABOVE. SIOUX CHIEF "MINI-RESTER" MAY BE USED AT EACH FIXTURE. PROVIDE ACCESSIBILITY TO "WHA" WHERE REQUIRED BY LOCAL CODE.

1 WATER HAMMER ARRESTERS DETAIL
N.T.S.

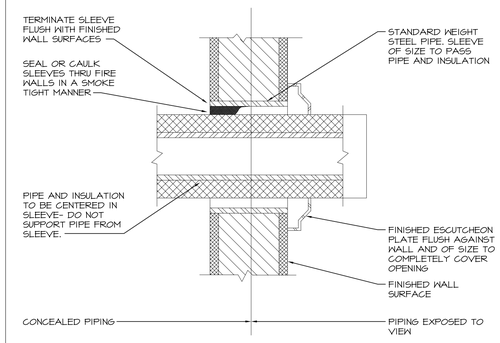


NOTE:
CLEAN-OUT TO BE J.R. SMITH MODEL 4100-F SERIES OR EQUAL. INSTALLATION SHALL BE FLUSH WITH SURROUNDING FLOOR SURFACES.

2 FLOOR CLEANOUT DETAIL
N.T.S.

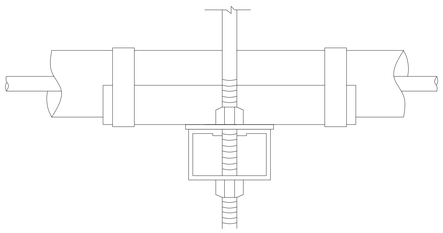


3 WALL CLEAN OUT DETAIL
N.T.S.



* ACOUSTICAL NOTE
G.C. TO MAKE MODIFICATIONS TO EXISTING PENETRATIONS THAT HAVE A GAP BETWEEN THE PIPE AND THE DRYWALL, THE GAP SHOULD BE ¼" TO ½" MAX.

4 WALL SLEEVE AT INTERIOR WALL DETAIL
N.T.S.



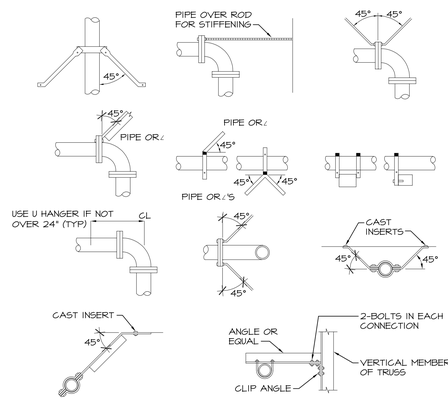
MAXIMUM HORIZONTAL PIPE/TUBING SUPPORT SPACING, FEET											
NOM. SIZE	THRU 3/4"	1	1-1/4"	1-1/2"	2	2-1/2"	3	4	5	6	8
STEEL PIPE	12 FEET	12	12	12	12	12	12	12	12	12	12
COPPER TUBING	6 FEET	6	6	10	10	10	10	10	10	10	10
PVC	3 FEET	3	4	4	4	4	4	4	4	4	4

NOTE: FOR TRAPEZE HANGER TAKE SMALLEST SIZE ON TRAPEZE

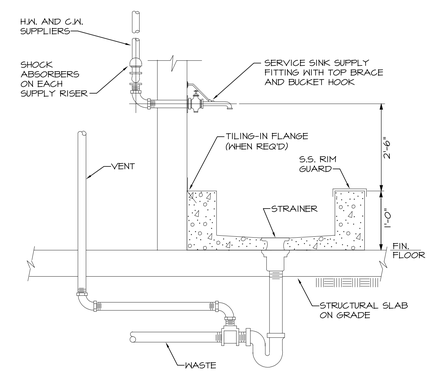
MAXIMUM VERTICAL PIPE/TUBING SUPPORT SPACING, FEET											
NOM. SIZE	THRU 3/4"	1	1-1/4"	1-1/2"	2	2-1/2"	3	4	5	6	8
STEEL PIPE	15 FEET	15	15	15	15	15	15	15	15	15	15
COPPER TUBING	10 FEET	10	10	10	10	10	10	10	10	10	10
PVC	10 FEET	10	10	10	10	10	10	10	10	10	10

NOTE: FOR TRAPEZE HANGER TAKE SMALLEST SIZE ON TRAPEZE

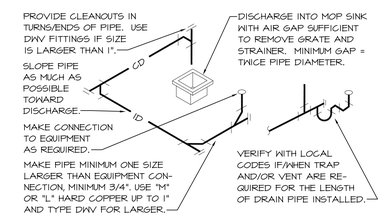
5 PIPE HANGER DETAIL
N.T.S.



6 PIPING SWAY BRACING DETAILS
N.T.S.

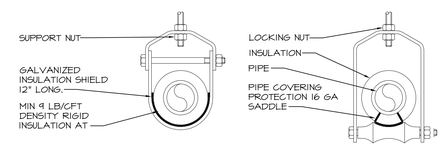


7 FLOOR MOUNTED MOP SINK DETAIL
N.T.S.



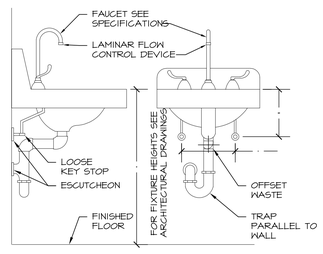
ROUTE PIPE INCONSPICUOUSLY AND UNOBTRUSIVELY. HANG PIPE AS REQUIRED. DO NOT INSULATE INDIRECT DRAIN PIPE WHEN INSTALLED EXPOSED IN FOOD SERVICE FACILITY. REFER TO LOCAL CODES FOR FURTHER INFORMATION.

8 INDIRECT/CONDENSATE DRAIN DETAIL
N.T.S.

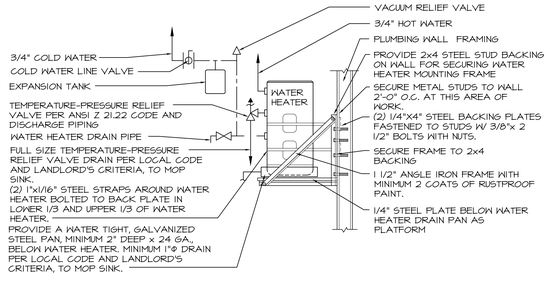


NOTE:
THREADED ROD SIZE DETERMINED BY SUPPORTED WEIGHT.
SEE SPECIFICATIONS FOR HANGER SIZES AND SPACING.

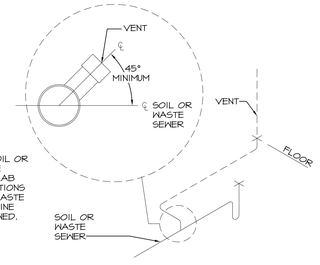
13 PIPE HANGING DETAIL
N.T.S.



10 WHEELCHAIR LAVATORY DETAIL
N.T.S.



11 WATER HEATER PIPING DETAIL
N.T.S.



NOTE:
CONNECT VENT TO SOIL OR WASTE PIPING ABOVE CENTERLINE. UNDERSLAB HORIZONTAL CONNECTIONS OF VENT PIPING TO WASTE SEWER SYSTEM PIPELINE SHALL NOT BE ALLOWED.

14 VENT PIPING INSTALLATION DETAIL
N.T.S.

9 NOT USED
SCALE: N.T.S.

12 NOT USED
N.T.S.

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LAKE CITY, FL 32055

PROJECT NO.: 220392	DRAWN BY: JMS
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DIALECTIC ENGINEERING

DRAWING NAME:
PLUMBING DETAILS

DRAWING NO.:
P2.1

FIRM REGISTRATION NO.:

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LICENSE
No. 68695
STATE OF FLORIDA
PROFESSIONAL ENGINEER
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