

ADDENDUM NO. 3**To: ALL PLAN HOLDERS**

September 2, 2016

Re:

INTERIOR TENANT IMPROVEMENT FOR:
IMMUNOTEK BIO CENTERS, LLC
4560 LAKE WORTH ROAD
OFFICE DEPOT PLAZA, SUITE B-5
LAKE WORTH, PALM BEACH COUNTY, FL 33463

NOTICE TO BIDDERS AND/OR INTEREST CONCERNS

The Addendum shall be considered part of the Contract Documents for the above referenced project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Contract Documents, this addendum shall govern and take precedence.

Bidders are hereby notified that they shall make any necessary adjustment in their estimate on account of this Addendum. It will be construed that each Bidder's Proposal is submitted with full knowledge of all modifications and supplemental data specified herein. Bidder shall acknowledge this Addendum in the bid form.

ADDENDUM ITEMS:**Item 1. ARCHITECTURAL:**

- 1) Sheet **RA1.2 General Information**
 - a. Revised 2 Life Safety plan
- 2) Sheet **RA3.1 Demolition Plan**
 - a. Add Demolition Plan Keynote 16 and
 - b. Located Note 16 on 18 Demolition Plan
- 3) Sheet **RA3.2 Labeled Plan**
 - a. Revise Renovation Plan Keynote 21
 - b. Relocate Note 21 on 18 Labeled Plan
 - c. Relocate TV in Waiting 104 on 18 Labeled Plan
 - d. Eliminate Sprinkler 133 on 18 Labeled Plan
 - e. Move I.T. 124 on 18 Labeled Plan
 - f. Enlarge Sterile Supplies 128 on 18 Labeled Plan
 - g. Make correction to 16 Column Detail Plan

- h. Make correction to 17 Column Detail Plan
- 4) Sheet **RA3.3 Dimensioned Plan**
 - a. Revise dimensions on 18 Dimension Plan to correspond with Eliminating Sprinkler 133, Moving I.T. 124 and Enlarging Sterile Supplies 128
- 5) Sheet **RA3.4 Reflected Ceiling Plan**
 - a. Revise ceiling grid on 18 Reflected Ceiling Plan to correspond with Eliminating Sprinkler 133, Moving I.T. 124 and Enlarging Sterile Supplies 128
- 6) Sheet **RA5.1 Room Finish Schedule**
 - a. Eliminate Sprinkler 133 on Room Finish Schedule
 - b. Revise FRP on 1 Wall Finish Key Plan to correspond with Eliminating Sprinkler 133, Moving I.T. 124 and Enlarging Sterile Supplies 128
- 7) Sheet **RA5.2 Door Schedule**
 - a. Eliminate Door 133-A on Door Schedule
 - b. Eliminate Door 133-A on Door Hardware Schedule
- 8) Sheet **RA8.1 Details**
 - a. Revised sidewalk that sloped to existing drive on 16 Canopy Plan

Item 2. ELECTRICAL:

- 1) Sheet **E0.0 Symbol List and General Notes**
 - a. Revised Drawing Index
- 2) Sheet **E0.2 Panel Schedules**
 - a. Revised schedules per floor plan changes
- 3) Sheet **E2.0 Power Plan**
 - a. Added exhaust fans at freezers.
 - b. Revised outlet locations per revised architectural drawings
- 4) Sheet **E2.1 Signal Plan**
 - a. Revised outlet locations per revised architectural drawings
- 5) Sheet **E2.2 Lighting Plan**
 - a. Revised fixture locations per revised architectural drawings
- 6) Sheet **E2.3 Electrical Roof Plan**
 - a. Revised CU location

Item 3. MECHANICAL:

- 7) Sheet **MP0.0 Symbol List and Abbreviations**
 - a. Revised Drawing Index
- 8) Sheet **MP0.2 Mechanical Schedules**
 - a. Removed Electric Unit Heater schedule
- 9) Sheet **M2.0 Mechanical Plan**
 - a. Revised mechanical drawing to suit new architectural background
 - b. Relocated FC-1 and removed UH-1
- 10) Sheet **MP2.3 Mechanical and Plumbing Roof Plan**
 - a. Relocated CU-1

END OF ADDENDUM NO. 3

GENERAL NOTES

- THE DRAWINGS PREPARED BY ACKAL ARCHITECT ARE FOR USE SOLELY WITH RESPECT TO THIS PROJECT. UNLESS OTHERWISE PROVIDED, ACKAL ARCHITECT SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT. ACKAL ARCHITECT'S DRAWINGS SHALL NOT BE USED BY THE OWNER OR OTHERS ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS, UNLESS ACKAL ARCHITECT ACCEPTS BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION. DO NOT REPRODUCE THESE DRAWINGS WITHOUT WRITTEN APPROVAL OF ACKAL ARCHITECT.
- CONTRACTORS SHALL PERFORM ALL WORK AS SHOWN ON THE DRAWINGS AND SPECIFICATIONS. ALL WORK SHALL BE IN COMPLIANCE WITH THE INTERNATIONAL BUILDING CODE, AIA GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, RECOGNIZED INDUSTRY STANDARD, CRAFTSMANSHIP, STANDARDS IN THE AREA, ALL MANUFACTURER'S RECOMMENDATIONS AND ALL OTHER APPLICABLE CODES.
- THE ARCHITECT DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE HELD RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OR FOR THE SAFETY PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS ONLY. IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THESE CONTRACT DOCUMENTS AND ANY EXISTING CONDITIONS.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, SIGNAGE, REFLECTORS, LIGHTS, ETC. DURING CONSTRUCTION. PROPERLY DEMARCATED AREAS CLOSED TO THE PUBLIC.
- THE CONTRACTOR WILL REMOVE ALL RUBBLE AND DEBRIS FROM THE JOB SITE AND LEAVE THE BUILDING AND GROUNDS BROOM CLEAN UPON COMPLETION OF WORK.
- CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND COORDINATION OF ALL CONDUIT, PIPING, DUCTWORK, ETC. WITH THE VARIOUS TRADES.
- CONTRACTOR SHALL VISIT THE SITE AND ACQUAINT HIMSELF THOROUGHLY WITH ALL EXISTING FACILITIES AND CONDITIONS WHICH WOULD AFFECT HIS PORTION OF THE WORK. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF INSTALLING THE WORK TO MEET SAID CONDITIONS.
- WHENEVER THERE ARE DISCREPANCIES BETWEEN THE DRAWINGS, OR THE DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR SHALL ESTIMATE UPON THE BETTER QUALITY OR GREATER QUANTITY OF MATERIAL OF WORK CALLED FOR, AND IT SHALL BE SO FURNISHED UNLESS OTHERWISE ORDERED IN WRITING.
- THE GENERAL CONTRACTOR SHALL COMPLY WITH THE DESIGN INTENT OF THE CONTRACT DOCUMENTS. IF THE GENERAL CONTRACTOR IS UNCERTAIN OF THE DESIGN INTENT HE SHALL CONTACT THE ARCHITECT FOR CLARIFICATION PRIOR TO PROCEEDING. LACK OF UNDERSTANDING OF THE CONTRACT DOCUMENTS SHALL NOT BE AN EXCUSE FOR IMPROPER INSTALLATION.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND FEES.
- THE GENERAL CONTRACTOR AND MILLWORK CONTRACTOR SHALL VERIFY ALL APPLIANCES AND PLUMBING FIXTURE SPACE REQUIREMENTS WITH THE SUPPLIER AND OWNER PRIOR TO MANUFACTURING THE CABINETS. PROVIDE 2X12 BLOCKING BETWEEN WALL FRAMING AT TOP CABINETS AND COUNTER SUPPORTS. THE MILLWORK CONTRACTOR SHALL COORDINATE THESE LOCATIONS WITH THE GENERAL CONTRACTOR. THE MILLWORK CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH MILLWORK ELEVATIONS AND SECTIONS. CLARIFY ANY DISCREPANCIES WITH THE ARCHITECT PRIOR TO MANUFACTURING THE CABINETS.
- THE SIGN CONTRACTOR SHALL SEAL ALL PENETRATIONS REQUIRED FOR THE INSTALLATION OF TENANT FACADE SIGNAGE. PENETRATIONS MADE FOR THE MOUNTING AND POWER CONDUIT SHALL HAVE A WATERTIGHT SEAL. COORDINATE WITH ARCHITECT.
- CONTRACTOR TO VERIFY EXISTING DIMENSIONS WITH RENOVATION PLAN PRIOR TO START OF CONSTRUCTION AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.

GENERAL INFORMATION

GENERAL ARCHITECTURAL

- BUILDINGS OR PORTIONS OF BUILDINGS SHALL BE PERMITTED TO BE OCCUPIED DURING CONSTRUCTION, REPAIR, ALTERATIONS, OR ADDITIONS ONLY IF ALL MEANS OF EGRESS AND ALL FIRE PROTECTION FEATURES ARE IN PLACE AND CONTINUOUSLY MAINTAINED FOR THE PORTION OCCUPIED.
- ALL DOOR HANDLES SHALL COMPLY WITH ADA AND BE LEVER OPERATED UNLESS OTHERWISE SPECIFIED.
- INTERIOR CEILING SHALL BE CLASS 'A' FLAME SPREAD RATING OF 0-25; SMOKE DEVELOPMENT OF 0-450.
- INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF IBC.
- TOP OF FIRE EXTINGUISHER, HAVING A GROSS WEIGHT LESS THAN 40 LBS., SHALL BE NOT MORE THAN 5 FEET ABOVE THE FLOOR; 3-1/2 FEET IF GROSS WEIGHT 40 LBS. OR GREATER.
- A REQUIRED FIRE SEPARATION SHALL BE CONTINUOUS FROM FOUNDATION THROUGH ALL INTERVENING CONSTRUCTION TO THE ROOF DECK, FROM OUTSIDE WALL TO OUTSIDE WALL OR FROM FIRE BARRIER TO FIRE BARRIER. PROVIDE UL OR FM LISTED ASSEMBLY.
- PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.

GENERAL ADAAG

- PROVIDE HANDICAPPED ACCESSIBILITY IN ACCORDANCE WITH ADAAG
 - GROUND AND FLOOR SURFACES (SLIP RESISTANT UNDER ALL WEATHER CONDITIONS).
 - DOOR HARDWARE SHALL COMPLY WITH THIS SECTION. HARDWARE SHALL NOT REQUIRE TIGHT GRASPING, TIGHT FINCHING, OR TWISTING OF THE WRIST TO OPERATE.
 - SIGNAGE, WHERE PROVIDED AT PERMANENT ROOMS AND SPACES AND OTHER SIGNS WHICH PROVIDE DIRECTION TO OR INFORMATION ABOUT FUNCTIONAL SPACES OF THE BUILDING, SHALL BE IN ACCORDANCE WITH ADA (RAISED CHARACTER, LETTER SIZE, MOUNTING).

GENERAL PLUMBING

- ALL PLUMBING WORK SHALL BE ACCOMPLISHED THROUGH THE USE OF A LICENSED CONTRACTOR OF THE TRADE IN A PROFESSIONAL AND WORKMAN LIKE MANNER.
- ALL PLUMBING WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CURRENT PLUMBING CODE REGIONAL, STATE AND OR LOCAL HEALTH DEPARTMENT, AND BUILDING CODES FOR THE GEOGRAPHICAL AREA OF CONSTRUCTION.
- ALL WATER LINES (HOT AND COLD) AND ALL WASTE LINES SHALL BE PRESSURE TESTED PRIOR TO CONCRETE PLACEMENT.
- INSTALL SANITARY HUBS AS PER MUNICIPAL AND STATE HEALTH DEPARTMENT REQUIREMENTS AND AS ILLUSTRATED HEREIN, AND PRESSURE TESTED PRIOR TO CONCRETE PLACEMENT.
- IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO INSURE THAT NO EXISTING UTILITIES ARE INTERRUPTED BY THE CONTRACTED EXCAVATION.

GENERAL MECHANICAL

- COORDINATE ALL DUCTWORK WITH ELECTRICAL LIGHTING PLAN.
- ALL DUCT WORK SHALL CONFORM WITH THE LOCAL MECHANICAL CODE.
- AIR CONDITIONING, HEATING, VENTILATION DUCT WORK AND RELATED EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH NFPA REGULATIONS.
- SMOKE DETECTORS WILL BE INSTALLED IN ALL UNITS OVER 3000 CFM'S ACCORDING TO LOCAL MECHANICAL CODE.
- PROVIDE FIRE DAMPERS IN AIR TRANSFER OPENINGS IN PARTITIONS REQUIRED TO BE FIRE RATED.

GENERAL ELECTRICAL

- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CURRENT ED, NFPA ELECTRICAL CODE, THE IECC, AND ALL RULES AND OR REGULATIONS HANDED DOWN BY THE STATE, LOCAL OR OTHER REGULATING AUTHORITY FOR THE END PROJECT.
- THE ELECTRICAL SUBCONTRACTORS SHALL VERIFY ALL ASPECTS OF THE ELECTRICAL WORK WITH THE LOCAL UTILITY COMPANY PROVIDING THE SERVICES TO THE PROPOSED BUILDING. INSURE THAT THE GENERAL INTENT OF THE DRAWINGS IN ACCORDANCE WITH THE LOCAL ELECTRICAL CODE IS APPLIED AND CONSIDERED WITH THE INITIAL BID PROPOSAL.

PROJECT DIRECTORY

PROJECT TITLE: INTERIOR TENANT IMPROVEMENT FOR: IMMUNOTEK BIO CENTERS, LLC.

LOCATION: 4560 LAKE WORTH ROAD OFFICE DEPOT PLAZA, SUITE B-5 LAKE WORTH, PALM BEACH, FL 33463

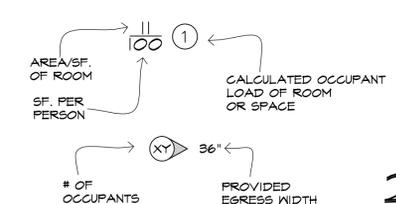
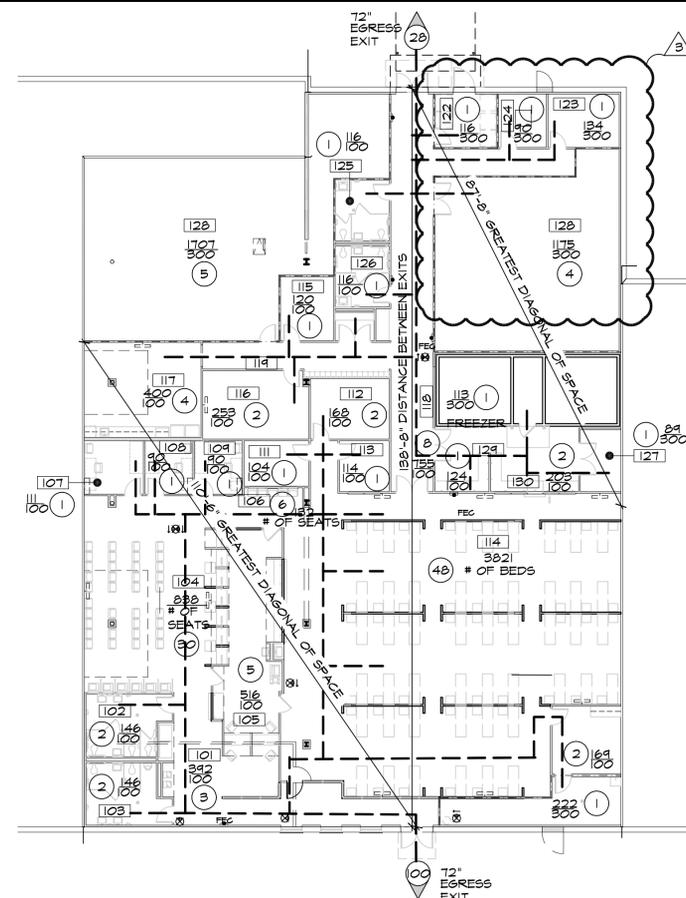
PERMITTING: CITY OF GREEN ACRES 5800 MELLELUCA LANE GREEN ACRES, FL 33463 PH: 561-642-2054 FX: 561-642-2044

TENANT: IMMUNOTEK BIO CENTERS, LLC 3400 N. CAUSEWAY, SUITE 1200 METAIRIE, LA 70002 PHONE NO. (504) 500-1251 FAX NO. (504) 891-0134 CONTACT: KATHRYN ROST E-MAIL: KROST@IMMUNOTEK.COM

ARCHITECT: ACKAL ARCHITECTS, APC 105 CHAPEL DRIVE LAFAYETTE, LA 70506 PHONE NO. (337) 488-5271 FAX NO. (337) 488-5272 PROJECT ARCHITECT: BILL ACKAL E-MAIL: BILL@ACKALARCHITECTS.COM PROJECT MANAGER: ASHLEY B. DAVIS E-MAIL: ASHLEY@ACKALARCHITECTS.COM INTERIOR DESIGNER: EMILY GROVER E-MAIL: EMILY@ACKALARCHITECTS.COM

MEP ENGINEERS: MSA ENGINEERING CONSULTANTS 370 E. WINDMILL LANE, SUITE 100 LAS VEGAS, NV 89123 PHONE NO. (702) 896-1100 FAX NO. (702) 896-1133 ELECTRICAL ENGINEER: MICHAEL MADSWORTH E-MAIL: MMADSWORTH@MSA-LV.COM MECHANICAL & PLUMBING ENGINEER: BEN YEUNG E-MAIL: BYEUNG@MSA-LV.COM

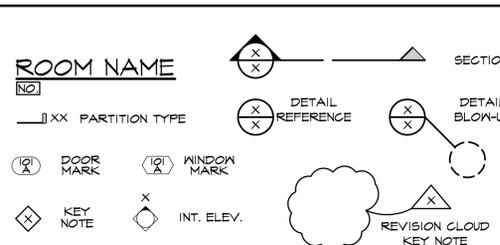
STRUCTURAL ENGINEER: KING STRUCTURAL GROUP INC. 6701 MALLARDS COVE ROAD, SUITE 156 JUNIPER, FL 33458 PHONE NO. (561) 451-7638 STRUCTURAL ENGINEER: PAUL KING E-MAIL: PAULK@KINGSTRUCTURALGROUP.COM



AREA: 13,458 SQ.FT.
OCCUPANT LOAD: 129
EXISTS REQUIRED - 2 (PROVIDED - 2)
EXIT WIDTH REQUIRED - 124x0.2=26" (PROVIDED-144")
COMMON PATH OF EGRESS FOR A SPRINKLED BUSINESS - 100' MAX (PROVIDED)
TOTAL TRAVEL DISTANCE TO AN EXIT- 200' MAX (PROVIDED)
DEAD END LIMIT - 20' MAX (PROVIDED)

LIFE SAFETY PLAN
2 OCCUPANCY LOAD DIAGRAM
SCALE: 1/16"=1'-0"

GRAPHIC SYMBOLS



ABBREVIATIONS

ACOUS.	ACOUSTICAL	LANDS.	LANDING
ACT.	ADJUSTABLE CEILING TILE	LAV.	LAVATORY
ADJ.	ADJUSTABLE	MAX.	MAXIMUM
A.F.F.	ABOVE FINISHED FLOOR	MAINT.	MAINTENANCE
A.F.G.	ABOVE FINISHED GRADE	MECH.	MECHANICAL
ALUM.	ALUMINUM	MIN.	MINIMUM
ANG.	ANGLE / ANGULAR	M.L.	METAL LATH
BD.	BOARD	M.O.	MASONRY OPENING
BM.	BEAM	MTL.	METAL
B.O.	BY OTHERS OR BY OWNERS	MULL.	MULLION
C.B.	CHALKBOARD OR CATCH BASIN	NAT.	NATURAL
CHRL.	CHAIR RAIL	N.I.C.	NOT IN CONTRACT
C.J.	CONSTRUCTION JOINT	NO.	NUMBER
C.L.G.	CEILING	N.T.S.	NOT TO SCALE
C.L.R.	CLEAR	O.C.	ON CENTER
C.M.U.	CONCRETE MASONRY UNIT	O.H.	OPPOSITE HAND
COL.	COLUMN	OZ.	OUNCE
CONC.	CONCRETE	PLAS.	PLASTER
CONT.	CONTINUOUS	PL.	PLASTIC
CPT.	CARPET	P.L.	PLATE LINE
DET.	DETAIL	PAINT.	PAINTED
D.S.	DOWN SPOUT	P.T.H.	PAPER TOWEL HOLDER
E.A.	EACH	REF.	REFRIGERATOR
E.J.	EXPANSION JOINT	REFIN.	REFINISHING
ELEC.	ELECTRICAL	REQD.	REQUIRED
ELEV.	ELEVATION OR ELEVATOR	SCHED.	SCHEDULE
EQ.	EQUIPMENT	S.C.	SOLID CORE
E.I.R.	EXISTING TO REMAIN	S.D.	SOAP DISPENSER
E.W.C.	ELECTRICAL WATER COOLER	SHT.	SHEET
EXP.	EXPANSION	SIM.	SIMILAR
EXT.	EXTERIOR	SPECS.	SPECIFICATION
F.E.	FIRE EXTINGUISHER	SQ.	SQUARE
F.E.C.	FIRE EXTINGUISHER IN CABINET	SQR.	SQUARE
F.F.	FINISHED FLOOR	STL.	STEEL
FL.	FLOOR	STND.	STANDARD
F.O.S.	FACE OF STUD	STOR.	STORAGE
F.R.	FIRE RETARDANT	STRUCT.	STRUCTURAL
GALV.	GALVANIZED	SUSP.	SUSPENDED
G.B.	GRAB BAR	TEMP.	TEMPORARY
G.D.	GARBAGE DISPOSAL	TEMPRD.	TEMPERED
G.I.	GALVANIZED IRON	THK.	THICK / THICKNESS
GYP.	GYPUM	THRLD.	THRESHOLD
H.M.	HOLLOW METAL	T.P.H.	TOILET PAPER HOLDER
HOL.	HOLLOW	UR.	URINAL
HORZ.	HORIZONTAL	VEND.	VENDING
HR.	HOUR	VERT.	VERTICAL
HRDW.	HARDWARE	V.O.J.	VERIFY ON JOB
INSUL.	INSULATION	V.V.C.	VINYL WALL COVERING
INTERM.	INTERMEDIATE	V.C.	VINYL WALL COVERING
LAM.	LAMINATE	W.C.	WOOD CLOSET
		WD.	WOOD
		WID.	WIDTH

CODE DATA

CODE INFORMATION:

OCCUPANCY CLASSIFICATION:
EXISTING OCCUPANCY TYPE - MERCANTILE
NEW (TENANT IMPROVEMENT) OCCUPANCY TYPE - BUSINESS (B)

EXISTING TENANT AREA: 13,743 SQ. FT.
RENOVATED TENANT AREA: 12,001 SQ. FT.

MAIN OCCUPANCY LOAD TYPE: 100 SQ.FT. / PERSON
TOTAL NUMBER OF OCCUPANTS: 129 (SEE OCCUPANCY LOAD DIAGRAM)

CONSTRUCTION TYPE:
AUTOMATIC SPRINKLER SYSTEM: YES
FIRE DETECTION / ALARM: YES

PLUMBING FIXTURE REQUIREMENTS:
NUMBER OF FIXTURES PROVIDED ARE MORE THAN REQUIRED PER APPLICABLE CODES

PARKING AND SITE:
EXISTING PARKING LOT: NUMBER PROVIDED ARE MORE THAN REQUIRED PER APPLICABLE CODES

EXISTING BUILDING MAX HEIGHT: +/-24'-0"

CODES & ORDINANCES USED BY: CITY OF GREEN ACRES

2014 FLORIDA BUILDING CODE, 5TH EDITION (INCLUDES BUILDING, PLUMBING, MECHANICAL, FUEL GAS, RESIDENTIAL ONE AND TWO DWELLING, AND EXISTING BUILDING CODES), (THE GREEN ACRES AMENDMENTS TO CHAPTER ONE OF THE FLORIDA BUILDING CODE 5TH EDITION)

2013 FLORIDA FIRE PREVENTION CODE (INCLUDES REFERENCES NFPA 1 AND NFPA 101), (GREEN ACRES AMENDMENTS TO THE 2011 FLORIDA FIRE PREVENTION CODE)

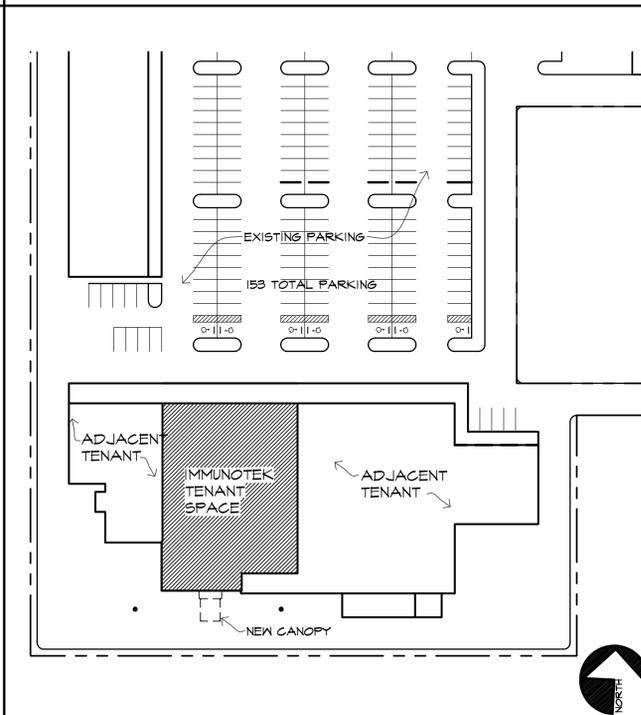
2011 NATIONAL ELECTRIC CODE / NFPA 70

2012 GREEN ACRES PROPERTY MAINTENANCE CODE

SITE NOTES

- NO CHANGE TO EXISTING PARKING LOT. ALL EXISTING ADA PARKING SIGNAGE TO BE PRESERVED. CONTRACTOR TO VERIFY IF THE EXISTING SIGNAGE MEETS ADA REQUIREMENTS AND IF NOT, THEN CONTRACTOR TO NOTIFY ARCHITECT.
- CONTRACTOR TO VERIFY ALL EXISTING SITE UTILITIES AND UTILITY LINES COMING OUT OF THE BUILDING TO TIE INTO.
- ABANDON ALL EXISTING PLUMBING UNDER SLAB AND PROVIDE ALL NEW PLUMBING PER PLUMBING PLANS.
- PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR TO RUN CAMERA SCOPE THROUGH EXISTING PLUMBING LINES UNDER PARKING TO SEWER TO CHECK FOR ANY EXISTING ISSUES. AT THE END OF JOB, CONTRACTOR TO RUN CAMERA SCOPE THROUGH ALL NEW PLUMBING TO SHOW NO OBSTRUCTIONS.
- EXTERIOR SIGNAGE PROVIDED AND INSTALLED BY TENANT. CONTRACTOR IS RESPONSIBLE FOR POWER TO SIGNS PER ELECTRICAL PLANS.
- BOLLARDS AND FENCING AROUND ALL NEW A/C AND FREEZER CONDENSER UNITS.
- INSPECT CONDITION OF EXISTING EXTERIOR LIGHTING AND RETURN IT TO WORKING / OPERATING CONDITION.
- PRESSURE WASH ALL EXTERIOR WALLS OF THE TENANT SPACE WHERE SCOPE OF WORK IS BEING DONE.
- CONTRACTOR TO INSPECT THE EXISTING CONDITION OF GUTTERS TO BE REPAIRED AND REPLACED AS NECESSARY WHERE DAMAGED OR IN DISREPAIR.
- PROVIDE MIN. 5' x 5' LEVEL LANDING AT ALL EXTERIOR DOORS PER ADA REQUIREMENTS.
- PROVIDE ONE BIKE RACK THAT MEETS ALL LOCAL ORDINANCES AND CODES.
- CONTRACTOR TO PURCHASE AND INSTALL KNOX BOX. COORDINATE LOCATION WITH ARCHITECT.

SITE PLAN



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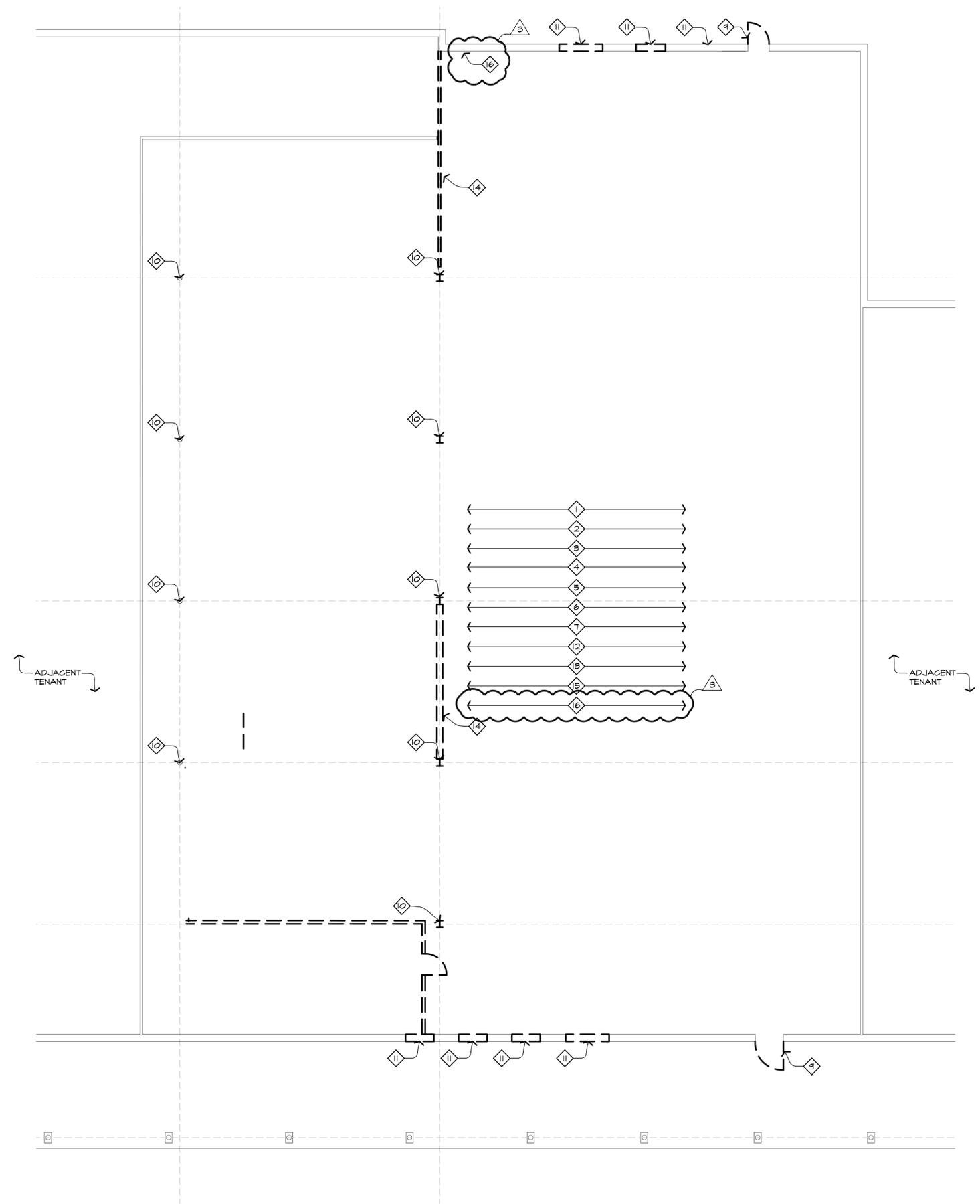
INTERIOR TENANT IMPROVEMENT FOR:
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4560 LAKE WORTH ROAD
OFFICE DEPOT PLAZA, SUITE B-5
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proj. no. 16-002
date: 08-02-2016
project architect: B.A.
project manager: A.D.
drawn by: A.D., J.L., C.T.

The name LAKE WORTH revised 8/9-2-16
plot scale: 1:1
sheet name: GENERAL INFORMATION
sheet no. **RA1.2**
2 of 42



18 DEMOLITION PLAN
SCALE: 1/8"=1'-0"

DEMOLITION GENERAL NOTES

1. THE CONTRACTOR SHALL PERFORM A SELECTIVE DEMOLITION INVESTIGATION PRIOR TO FULL DEMOLITION TO DETERMINE THE LOCATIONS OF ALL EXISTING LOAD BEARING WALLS WITHIN THE BUILDING. PROVIDE TEMPORARY SUPPORTS & SHORING AS REQUIRED.
2. THE CONTRACTOR SHALL DEMOLISH ALL INTERIOR PARTITIONS INDICATED FOR DEMOLITION & CHECK DIMENSIONS PRIOR TO CONSTRUCTION OF NEW WALLS. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
3. THE EXISTING BUILDING SHALL BE MAINTAINED AS WEATHER TIGHT AS POSSIBLE DURING THE DEMOLITION AND RENOVATION CONSTRUCTION PROCESS.
4. THE GENERAL CONTRACTOR SHALL INSPECT AND CATEGORIZE ALL SALVAGED ITEMS FROM THE DEMOLITION PROCESS INCLUDING, BUT NOT LIMITED TO DOORS, WINDOWS, LIGHT FIXTURES, HVAC DIFFUSERS AND RETURN AIR GRILLES, ETC.. THE GENERAL CONTRACTOR SHALL LIST USABLE ITEMS AND PROPOSE RELOCATION FOR REVIEW.
5. ALL EXISTING FINISHES TO REMAIN SHALL BE REPAIRED TO 'LIKE NEW' CONDITIONS. EXISTING PLUMBING, HVAC AND ELECTRICAL SYSTEMS NOT REQUIRED FOR REMOVAL SHALL REMAIN AS INTACT AS POSSIBLE.
6. ALL WORK SHALL COMPLY WITH THE LATEST ADOPTED VERSION OF THE BUILDING CODE INCLUDING ALL SUPPLEMENTAL SECTIONS, AS WELL AS ANY APPLICABLE STATE, COUNTY, OR LOCAL REGULATIONS.
14. **CONTRACTOR TO VERIFY EXISTING DIMENSIONS WITH RENOVATION PLAN PRIOR TO START OF CONSTRUCTION AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.**
15. WHERE INDICATED, EXISTING ELECTRICAL, PLUMBING, ETC. SHALL BE REMOVED, ABANDONED, AND CAPPED TO BE CONCEALED BEYOND NEW FINISH WORK.
16. THE GENERAL CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING, ETC., AS NEEDED TO SUPPORT THE REMAINING BUILDING AND STRUCTURE DURING THE CONSTRUCTION AND DEMOLITION INDICATED.

DEMOLITION PLAN KEYNOTES

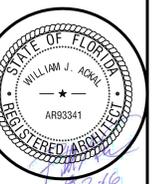
1. CONTRACTOR TO INSPECT THE CONDITION AND TEST MOISTURE OF THE EXISTING SLAB. ALL EXISTING FINISH FLOORING SHALL BE REMOVED. PRIOR TO INSTALLATION OF NEW SCHEDULED FINISH FLOORING, THE EXPOSED SLAB SHALL BE PATCHED, REPAIRED AND CLEANED AS PER FLOORING MANUFACTURER RECOMMENDATIONS.
2. REMOVE ALL EXISTING INTERIOR PARTITIONS AND DOORS INDICATED, MILLWORK, APPLIANCES, PLUMBING FIXTURES AND ACCESSORIES. PROVIDE TEMPORARY SUPPORTS WHERE REQUIRED FOR EXISTING FIXTURES AND ACCESSORIES INDICATED TO REMAIN.
3. THE GENERAL CONTRACTOR SHALL REMOVE AND REPLACE ALL EXISTING SUSPENDED ACOUSTICAL TILE AND GRID WITH NEW.
4. REMOVE EXISTING PLUMBING FIXTURES AND CAP EXISTING PLUMBING AS NEEDED. COORDINATE WITH PLUMBING DRAWINGS.
5. THE CONTRACTOR SHALL CORE DRILL THE EXISTING CONCRETE SLAB AS REQUIRED TO INSTALL THE NEW SEWER LINES. THE CONTRACTOR SHALL BE REQUIRED TO INVESTIGATE THE EXISTING CONDITIONS TO DETERMINE SERVICE SIZE AND ROUTE AND COORDINATE WITH PLUMBING DRAWINGS AND BUILDING STRUCTURE. NOTIFY THE ARCHITECT OF FINDINGS TO COORDINATE THE TIE-IN OF NEW FIXTURES.
6. REMOVE EXISTING FURRING & GYP. ON INTERIOR OF EXT. WALLS
7. ABANDON ALL EXISTING PLUMBING UNDER SLAB
8. REMOVE WINDOW AND FRAME
9. REMOVE DOOR AND FRAME AND PATCH WALL TO MATCH EXISTING.
10. **EXISTING COLUMNS TO REMAIN. VERIFY EXISTING LOCATION ON SITE. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.**
11. REMOVE SECTION OF EXISTING WALL AND INSTALL NEW STEEL LINTEL AT NEW OPENING AS REQUIRED. RE: RENOVATION PLANS.
12. THE CONTRACTOR SHALL INSPECT THE CONDITION EXISTING PERIMETER WALLS AND NOTIFY ARCHITECT OF ANY ISSUES.
13. DEMOLISH ALL EXISTING HVAC AND DUCTWORK AND PATCH ALL ABANDONED PENETRATIONS IN ROOF THAT ARE REMOVED.
14. REFERENCE STRUCTURE DRAWINGS FOR DEMOLITION OF LOAD BEARING WALL AND CROSS BRACING
15. **EXISTING ELECTRICAL PANELS AND TELEPHONE BOARD. IDENTIFY DEMARC AND PRESERVE DURING DEMOLITION. RE: ELECTRICAL**
16. EXISTING SPRINKLER SYSTEM TO BE INSPECTED AND TO BE MODIFIED TO MEET ALL CURRENT CODES IF REQUIRED

LEGEND

- EXISTING WALL CONSTRUCTION TO REMAIN
- ==== EXISTING TO BE REMOVED
- ⬡ DEMOLITION PLAN NOTE SYMBOL, RE: DEMOLITION PLAN NOTES THIS SHEET

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INTERIOR TENANT IMPROVEMENT FOR:
 IMMUNOTEK BIO CENTERS, LLC
 4560 LAKE WORTH ROAD
 OFFICE DEPOT PLAZA, SUITE B-5
 LAKE WORTH, PALM BEACH COUNTY, FL 33463



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proj. no. 16-002
 date: 08-02-2016
 project architect: B.A.
 project manager: A.D.
 drawn by: A.D., J.L., C.T.
 the name: LAKE WORTH
 revised: 9-2-16
 plot scale: 1:1
 sheet name:
 DEMOLITION PLAN /
 TYP. MOUNTING
 HEIGHTS

sheet no.
RA3.1
 4 of 42

RENOVATION GENERAL NOTES

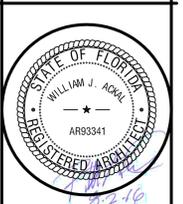
1. THE EXISTING BUILDING SHALL BE MAINTAINED AS WEATHER TIGHT AS POSSIBLE DURING THE DEMOLITION AND RENOVATION CONSTRUCTION PROCESS.
2. ALL NEW INTERIOR PARTITION CONSTRUCTIONS ARE PI UNLESS OTHERWISE SPECIFIED ON THE PLAN, TYP.
3. THE CONTRACTOR SHALL PROVIDE AND INSTALL CORNER GUARDS TO ALL OUTSIDE CORNERS THROUGHOUT INTERIOR OF THE BUILDING. RE: FINISH TYPES FOR SPECIFICATION.
4. VERIFY THE FINAL BED LAYOUT WITH THE OWNER.
5. CONTRACTOR SHALL REPAIR AND/OR REPLACE DAMAGED MISSING EXTERIOR FINISHES AND MOLDINGS THE ENTIRE BUILDING. CLEAN THE ENTIRE EXTERIOR AFTER REPAIRS.
6. PATCH ALL OPENINGS AND CRACKS IN THE EXISTING WALL ASSEMBLY TO SEAL ALL PENETRATIONS, TYP.
7. ALL ANY WOOD BLOCKING USED IN THE PROJECT SHOULD BE TREATED WOOD.
8. CONTRACTOR TO PROVIDE A MIN. 5'X5' LEVEL LANDING AT ALL NEW DOORS PER ADA.
9. **PRIOR TO START OF CONSTRUCTION, CONTRACTOR IS TO VERIFY DIMENSION WITH RENOVATION PLAN AND EXISTING CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCY.**

RENOVATION PLAN KEYNOTES

- 1 18" MINIMUM FULL CLEARANCE AT LATCH SIDE OF DOOR, TYPICAL
- 2 WALL MOUNTED HANDWASH LAVATORY, RE: 19A3.1 FOR MOUNTING HEIGHTS.
- 3 FREEZER UNIT: PROVIDED AND INSTALLED BY THE TENANT (COORDINATE WITH TENANT TO VERIFY THE EXACT SIZE AND ROUGH-IN REQUIRED PRIOR TO LAYING OUT WALLS). THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL FLOOR DRAIN AND ALL THROUGH WALL PENETRATIONS AND FLASHINGS REQUIRED FOR THE MECHANICAL SYSTEMS. CONTRACTOR TO PROVIDE ELECTRICAL REQUIREMENTS FOR FREEZER UNIT, RE: ELECTRICAL. CONTRACTOR SHALL VERIFY MINIMUM 10'-2" HEIGHT CLEARANCE THIS AREA AND NOTIFY THE ARCHITECT. (MINIMUM CLEAR FROM FLOOR TO STRUCTURE) RE: 17A4.1 FOR FREEZER BASE BLOCKING.
- 4 FLOOR DRAIN FOR FREEZER CONDENSATION LINES. ALIGN EDGE OF FLOOR DRAIN WITH EDGE OF FREEZER. RE: PLUMBING PLAN.
- 5 WALL MOUNTED COMPUTER MONITOR. CONTRACTOR TO PROVIDE 2X12 SOLID WOOD BLOCKING ENTIRE WALL BEHIND SHEETROCK. RE: PARTITION TYPES.
- 6 WALL MOUNTED TV SWIVEL MOUNTS FOR 60" FLAT SCREEN (APPROX. 100 LBS). TV & MOUNT TO BE PROVIDED & INSTALLED BY IMMUNOTEK. CONTRACTOR SHALL PROVIDE 2X12 BLOCKING BEHIND GYP. BOARD AT THIS TV LOCATION & COORDINATE WHAT BLOCKING IS NECESSARY WITH TENANT PROVIDED TV MOUNTS. VERIFY LOCATION WITH TENANT AFTER DONOR BED PARTITIONS ARE FRAMED.
- 7 DOOR BELL PUSH BUTTON ON SIDE OF BACK DELIVERY DOOR WITH CHIME AT SHIPPING 130 AND IN CONTROL 106.
- 8 WALL MOUNTED DUAL HEIGHT ELECTRIC WATER COOLERS, RE: 13A3.1 FOR MOUNTING HEIGHTS.
- 9 CONTRACTOR TO INSTALL TENANT PROVIDED DRY ERASE BOARDS. COORDINATE SIZE AND PLACEMENT WITH TENANT.
- 10 CONTRACTOR TO INSTALL 2X12 SOLID WOOD BLOCKING UNDER WINDOW FOR TENANT PROVIDED AND INSTALLED WALL MOUNTED COMPUTER MONITOR.
- 11 CONTRACTOR TO INSTALL 2X12 SOLID WOOD BLOCKING ENTIRE WALL BEHIND GYP. BOARD FOR TENANT PROVIDED AND INSTALLED LOCKERS.
- 12 ALL MILLWORK COUNTERS ARE TO RECEIVE 3" GROMMET HOLES. REFER TO FLOOR PLAN INTERIOR ELEVATIONS AND ELECTRICAL BLOW-UPS FOR GENERAL LAYOUT AND QUANTITY. FINAL PLACEMENT IS TO BE CONFIRMED BY TENANT PRIOR TO CONSTRUCTION.
- 13 NEW DROP-IN UTILITY SINK IN COUNTERTOP
- 14 8'-0" X 4'-0" ALUMINUM DIAMOND PLATE TREAD IN FRONT OF FREEZER. CONTRACTOR TO PROVIDE HOLE AT FLOOR DRAINS FOR FREEZER CONDENSATION LINES TO ACCESS DRAIN.
- 15 ONE (1) DOUBLE COAT HOOK MOUNTED AT END OF EACH PARTITION AT BOTH SIDES. VERIFY MOUNTING HEIGHT WITH TENANT PRIOR TO INSTALLING.
- 16 VENT ON SIDE OF CABINET FOR REFRIGERATOR- MCKEY, MESH/2 AIR VENT GRILLE, LIGHT GREY (OR EQUAL)
- 17 CONTRACTOR TO PROVIDE 4 BANNER HOOKS WITH REQUIRED MASONRY ANCHORS TO ACCOMMODATE A 5'X15' BANNER ON THE EXTERIOR WALL AT THE FRONT OF THE BUILDING. ANCHORS ARE TO BE SEALED WEATHER TIGHT AND HOOKS TO BE PAINTED TO MATCH CMU. VERIFY LOCATION AND MOUNTING HEIGHTS WITH TENANT ON SITE PRIOR TO INSTALLATION.
- 18 INSPECT CONDITION OF EXISTING GYP. BOARD PARTITION, PATCH AND REPAIR AS REQUIRED
- 19 INFILL EXTERIOR WALL WHERE DOOR WAS REMOVED
- 20 **COND. SIGN TO BE PROVIDED AND INSTALLED BY IMMUNOTEK**
- 21 EXISTING SPRINKLER SYSTEM TO BE INSPECTED AND TO BE MODIFIED TO MEET ALL CURRENT CODES IF REQUIRED
- 22 FIRE ALARM SYSTEM, RE: ELECTRICAL
- 23 PROVIDE NEW CANOPY AT 16'-0" A.F.F. OVER BIO-WASTE DOOR
- 24 BUILDING SIGN PROVIDED AND INSTALLED BY TENANT. CONTRACTOR TO PROVIDE ELECTRICAL, RE: SHEET ELO
- 25 REFERENCE TELEPHONE AND DATA CONDUITS LOCATION ON ELECTRICAL DRAWINGS. COORDINATE TELEPHONE AND DATA SERVICE CABLES WITH TENANT
- 26 FREEZER SUPPLIER TO PROVIDE METAL TRIM PANEL TO ENCLOSE THE AIR GAP BETWEEN THE PARTITIONS AND THE FREEZER IT IS TO BE ATTACHED AFTER FREEZER IS INSTALLED AND INTERIOR FINISHES ARE COMPLETE. CONTRACTOR TO COORDINATE INSTALLATION OF THE METAL PANEL WITH FREEZER SUPPLIER.
- 27 PRESSURE WASH EXTERIOR OF TENANT SPACE
- 28 NEW LOAD BEARING WALL, RE: STRUCTURAL
- 29 NEW METAL STUD AT 16' O.C. MAX AND NEW 5/8" GYP. BOARD OVER THE INTERIOR OF ALL EXTERIOR WALLS.
- 30 1 HR FIRE RATED FURR DOWN ABOVE, SEPARATION FOR ADJACENT TENANTS' HVAC EQUIPMENT AND DUCTWORK. V.O.J. LOCATION AND DIMENSION OF EXISTING CONDITIONS
- 31 NEW ROOF HATCH AND LADDER, VERIFY LOCATION ON JOB.
- 32 CONTRACTOR TO INSTALL 2X12 SOLID WOOD BLOCKING ENTIRE WALL BEHIND SHEETROCK FOR KIOSKS

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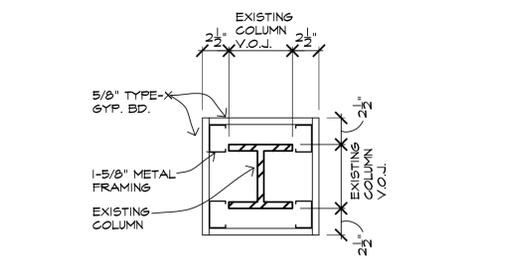
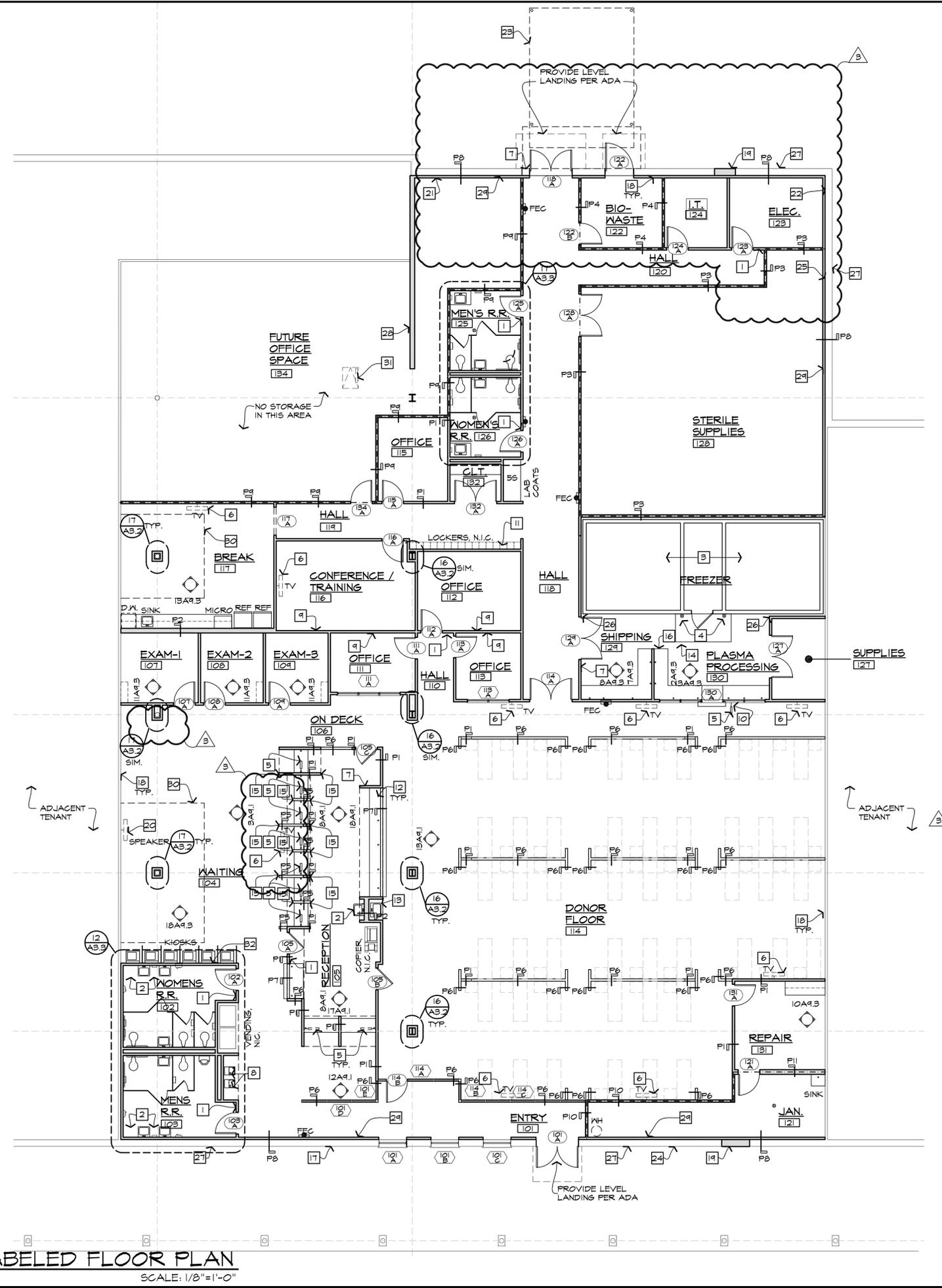


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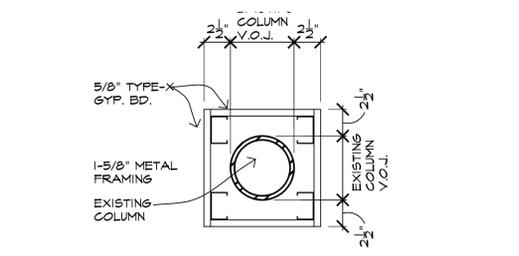
proj. no. 16-002
 date: 08-02-2016
 project architect: B.A.
 project manager: A.D.
 drawn by: A.D., J.L., C.T.

the name: LAKE WORTH
 revised: 9-2-16
 plot scale: 1:1
 sheet name:
 LABELED FLOOR PLAN

sheet no.
RA3.2
 5 of 42

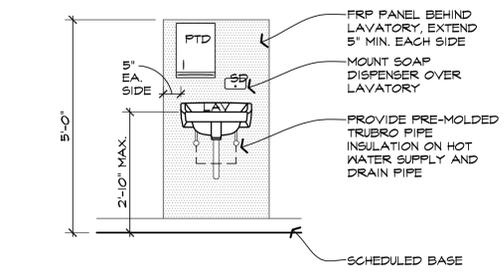


16 COLUMN DETAIL PLAN
SCALE: 1-1/2"=1'-0"

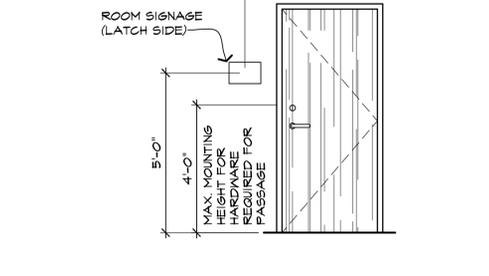


17 COLUMN DETAIL PLAN
SCALE: 1-1/2"=1'-0"

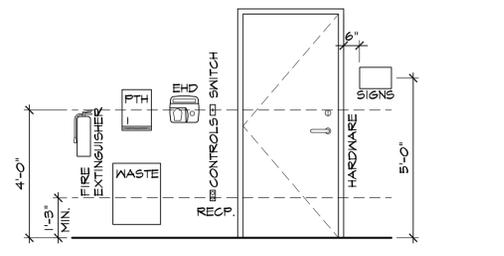
18 LABELED FLOOR PLAN
SCALE: 1/8"=1'-0"



HANDWASH LAVATORY ELEVATION
SCALE: 1/2"=1'-0"

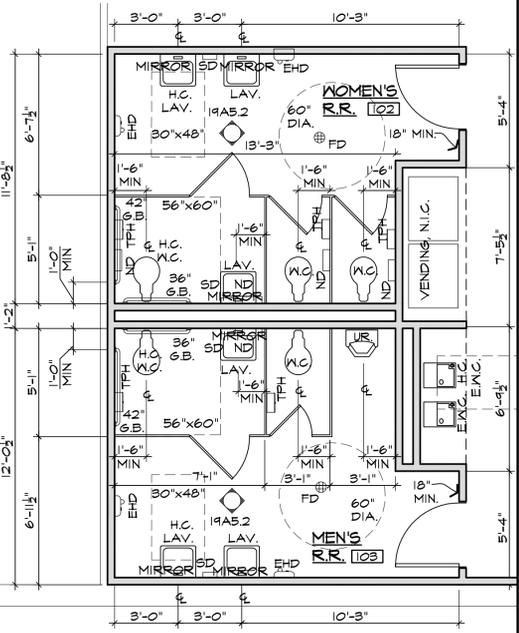


2 DOOR SIGNAGE
SCALE: 3/8"=1'-0"

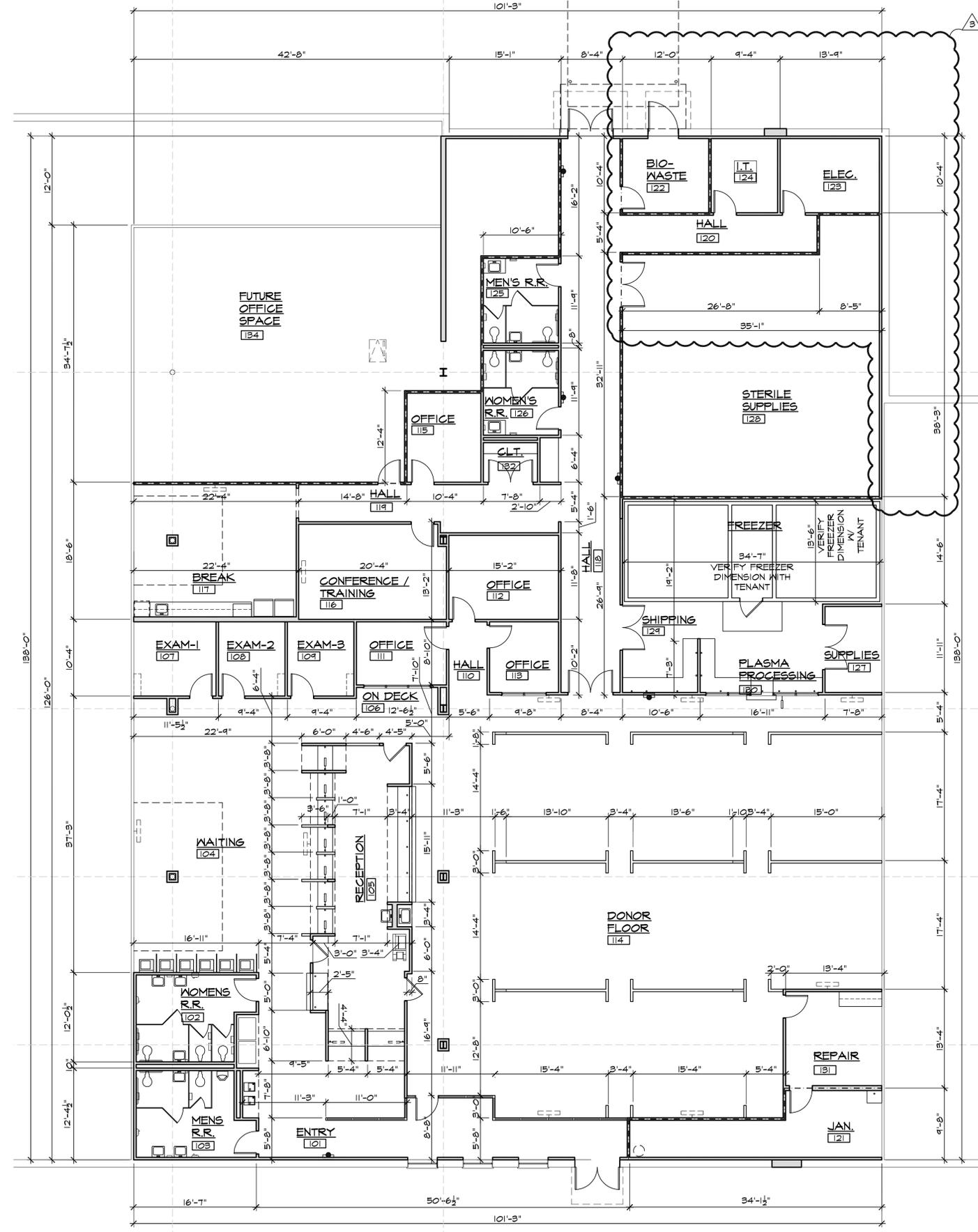


TYPICAL FIXTURE MT'G. HEIGHTS
SCALE: 3/8"=1'-0"

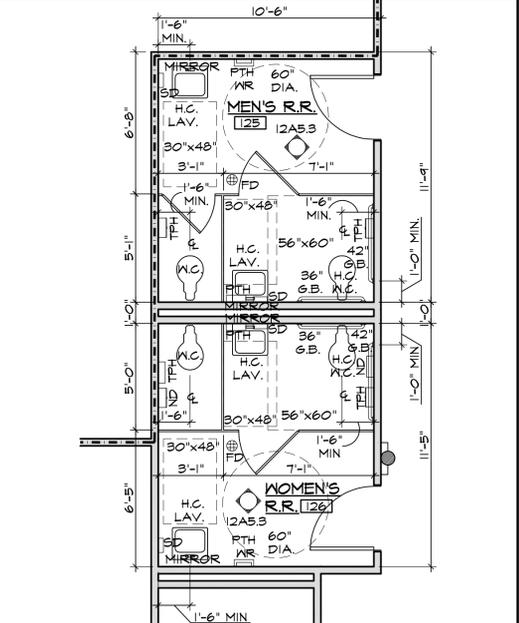
CONTROLS AND OPERATING MECHANISMS:
FORWARD REACH: CONTROLS AND OPERATING MECHANISMS SHALL BE LOCATED WITHIN THE REACH RANGE SHOWN.
SIDE REACH: SIDE REACH RANGE MAXIMUM HEIGHT MY BE INCREASED TO 54" AFF AND MINIMUM AFF MAY BE REDUCED TO 4" AFF.
FIRE EXTINGUISHERS: TOP OF FIRE EXTINGUISHER, HAVING A GROSS WEIGHT LESS THAN 40 LBS, SHALL BE NOT MORE THAN 5 FEET ABOVE THE FLOOR; 3-1/2 FEET IF GROSS WEIGHT IS 40 LBS. OR GREATER.



12 R.R. PLAN BLOW-UP
SCALE: 1/4"=1'-0"



18 DIMENSIONED FLOOR PLAN
SCALE: 1/8"=1'-0"



17 R.R. PLAN BLOW-UP
SCALE: 1/4"=1'-0"

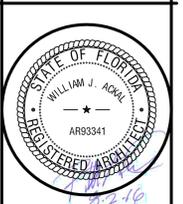
WASHROOM ACCESSORIES SCHEDULE

DESCRIPTION	MODEL
TPH TOILET PAPER HOLDER	BRADLEY 5424
MIRROR 24x36 MIRROR	BRADLEY 781
36"GB 36" GRAB BAR	BRADLEY 812
42"GB 42" GRAB BAR	BRADLEY 812
SD SOAP DISPENSER	BRADLEY 6542
PTH PAPER TOWEL HOLDER	BRADLEY 250-15
WR WASTE RECEPTACLE W/ LINER	BRADLEY 356
EHD ELECTRIC HAND DRYER, SENSOR-OPERATED	BRADLEY 2904-28
ND NAPKIN DISPOSAL	BRADLEY 4722-15

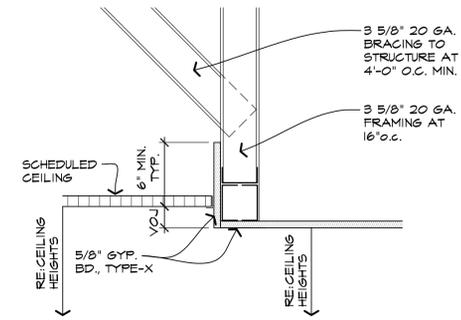
NOTES:
1. THE CONTRACTOR SHALL PROVIDE SOLID 2x8 (MIN.) WOOD BLOCKING, SECURELY FASTENED TO WALL FRAMING, BEHIND ALL PLUMBING FIXTURES AND ACCESSORIES.
2. INSTALL TOILETS WITH LEVERS AT OPEN SIDE OF STALLS / RESTROOMS.

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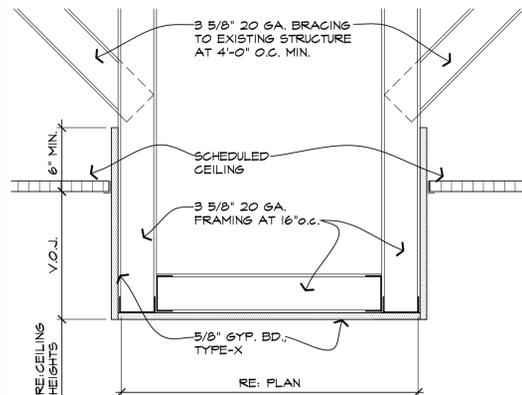
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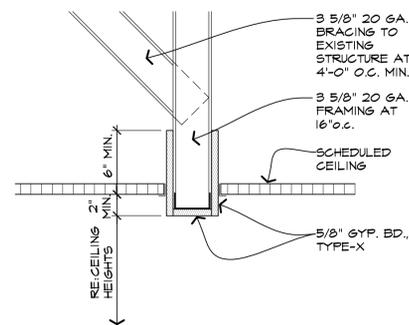
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proj. no. 16-002
date: 08-02-2016
project architect: B.A.
project manager: A.D.
drawn by: A.D., J.L., C.T.
The name LAKE WORTH revised 9-2-16
plot scale: 1:1
sheet name: DIMENSIONED FLOOR PLAN / R.R. BLOW-UP PLANS
sheet no. **RA3.3**
6 of 42



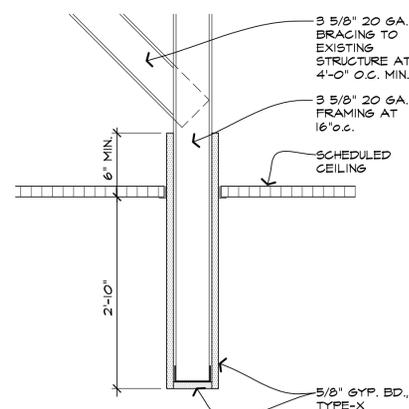
2 FURR DOWN DETAIL
SCALE: 1/2"=1'-0"



7 FURR DOWN DETAIL
SCALE: 1/2"=1'-0"



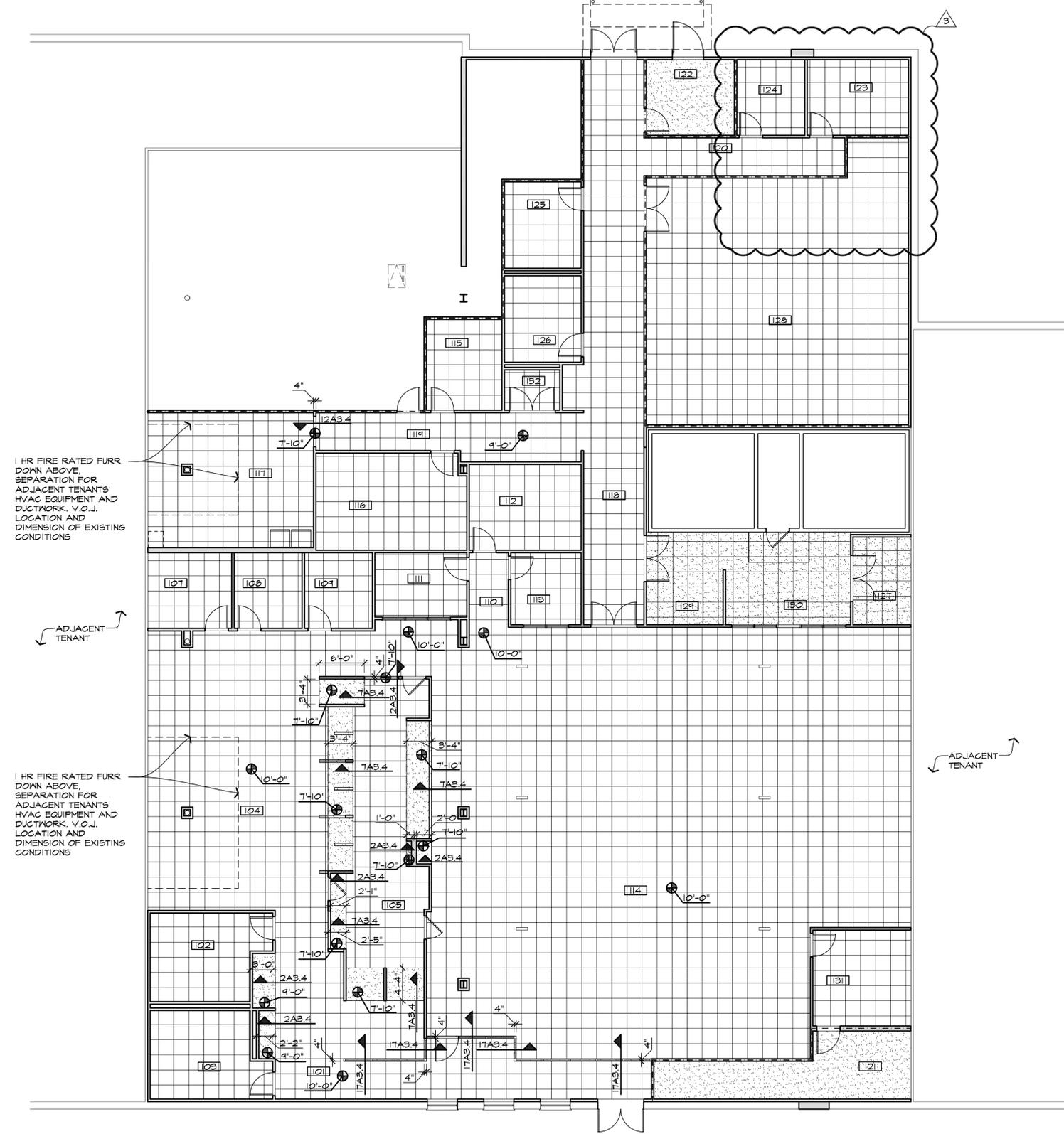
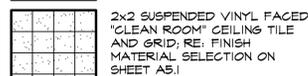
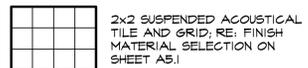
12 FURR DOWN DETAIL
SCALE: 1/2"=1'-0"



17 FURR DOWN DETAIL
SCALE: 1/2"=1'-0"

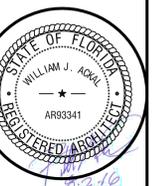
GENERAL CEILING NOTES:

1. THE GENERAL CONTRACTOR SHALL REMOVE AND REPLACE WITH NEW, THE ENTIRE SUSPENDED ACOUSTICAL CEILING TILE SYSTEM. THE NEW SYSTEMS SHALL BE 2X2 TILE AND GRID.
2. THE GENERAL CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORTS NECESSARY FOR ALL ELECTRICAL, MECHANICAL, PLUMBING AND LIGHTING SYSTEMS DURING THE REMOVAL AND REPLACEMENT OF THE EXISTING CEILING SYSTEMS.
3. THE GENERAL CONTRACTOR SHALL PROVIDE THE TENANT WITH 5% EXTRA CEILING TILES, BOXED AND LABELED AT THE END OF THE PROJECT.



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

NOTE:
• CEILING HEIGHT: ALL CEILING HEIGHTS ARE 9'-0" UNLESS OTHERWISE NOTED
• RE: LIGHTING AND MECHANICAL PLAN FOR LCONS.



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proj. no. 16-002
date: 08-02-2016
project architect: B.A.
project manager: A.D.
drawn by: A.D., J.L., C.T.

The name LAKE WORTH
revised 3/9-2-16
plot scale: 1:1
sheet name:
REFLECTED CEILING PLAN

sheet no.

RA3.4

ROOM FINISH SCHEDULE

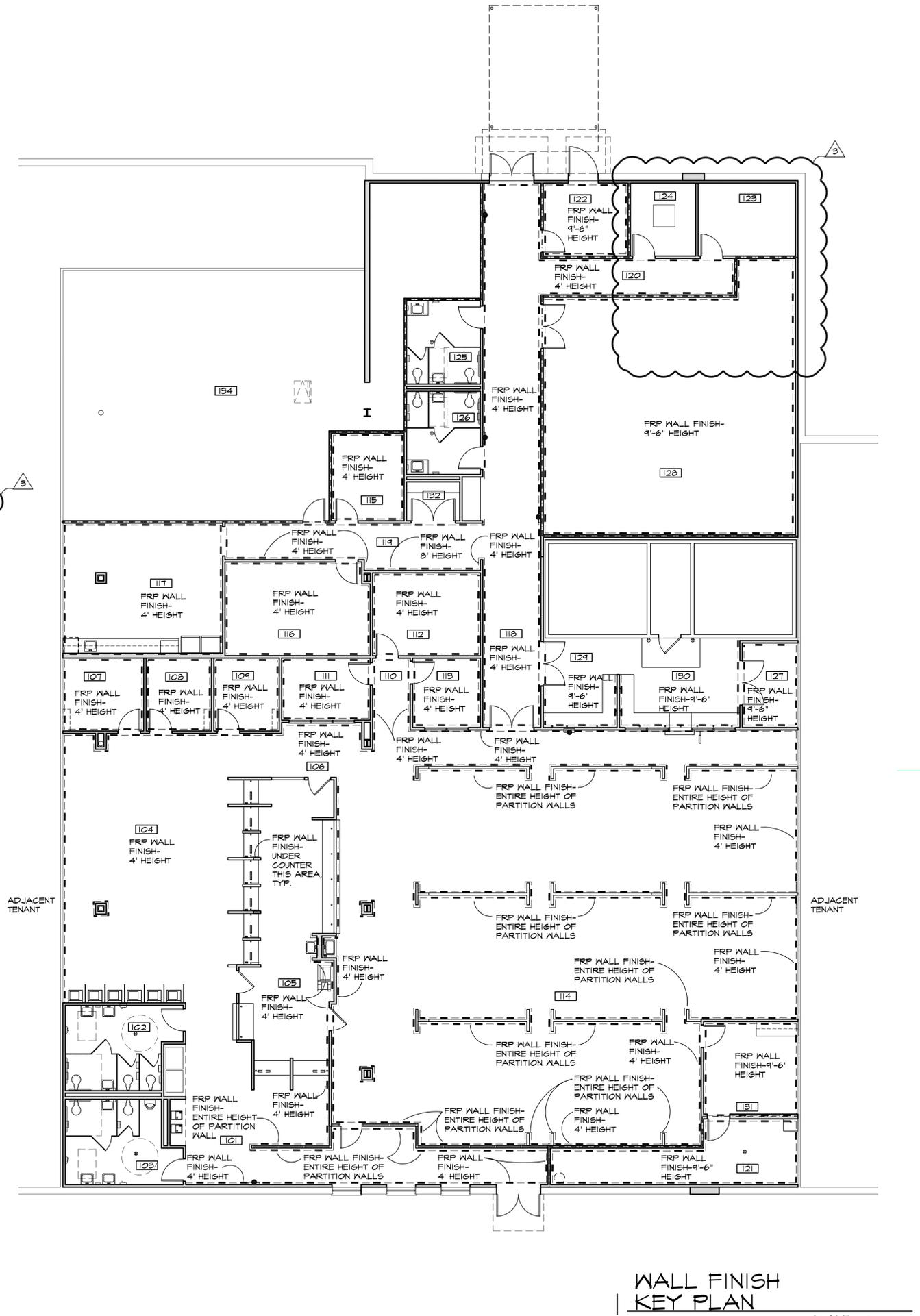
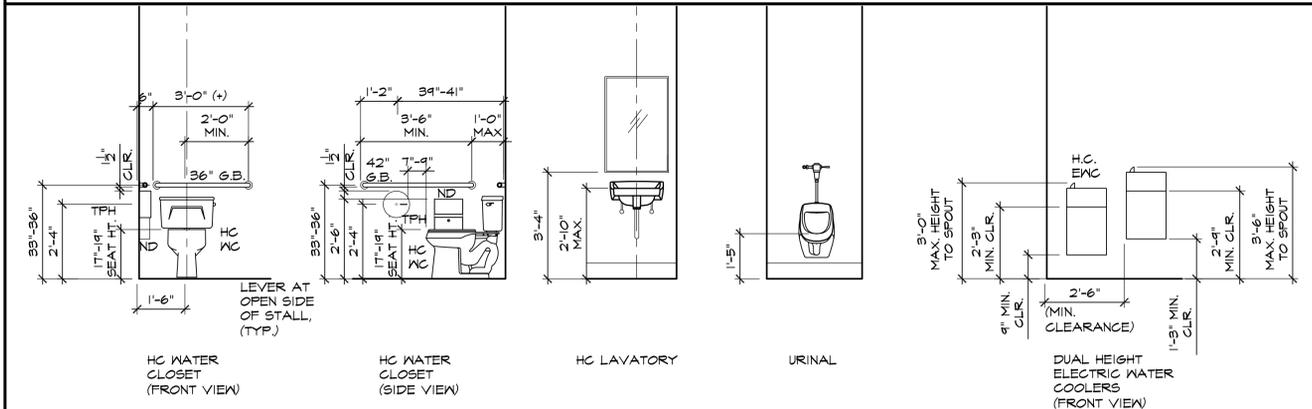
RM. #	ROOM	FLOOR	BASE	WALLS	CEILING	CLG. HT.	REMARKS
101	ENTRY	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP.	SUSP. ACT	10'-0"	FRP WALL FINISH, RE:IA5.1 FOR LOCATION & HEIGHT
102	WOMEN'S	PORC. TILE	PORC. TILE	5/8" GYP. BD., PORC. TILE	SUSP. ACT	9'-0"	PORCELAIN TILE TO 48" HIGH, PAINT WALL ABOVE TILE
103	MEN'S	PORC. TILE	PORC. TILE	5/8" GYP. BD., PORC. TILE	SUSP. ACT	9'-0"	PORCELAIN TILE TO 48" HIGH, PAINT WALL ABOVE TILE
104	WAITING	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT	10'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F., RE: IA5.1
105	RECEPTION	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT/6YP. BD	9'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F., RE: IA5.1
106	ON DECK	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT	10'-0"	FRP WALL FINISH, RE: IA5.1 FOR LOCATION AND HEIGHT
107	EXAM-1	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT	9'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F.
108	EXAM-2	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT	9'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F.
109	EXAM-3	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT	9'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F.
110	HALL	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT	10'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F.
111	OFFICE	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / VNC	SUSP. ACT	9'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F.
112	OFFICE	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / VNC	SUSP. ACT	9'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F.
113	OFFICE	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / VNC	SUSP. ACT	9'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F.
114	DONOR FLOOR	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT	10'-0"	FRP WALL FINISH, RE: IA5.1 FOR LOCATION AND HEIGHT
115	OFFICE	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / VNC	SUSP. ACT	9'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F.
116	CONFERENCE / TRAINING	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / VNC	SUSP. ACT	9'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F.
117	BREAK ROOM	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT	9'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F.
118	HALL	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT	9'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F.
119	HALL	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT	9'-0"	FRP WALL FINISH, RE: IA5.1 FOR LOCATION AND HEIGHT
120	HALL	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT	9'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F.
121	JANITOR	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	5/8" GYP. BD., FTD.	9'-0"	FRP WALL FINISH FLOOR TO 9'-6" A.F.F.
122	BIO-WASTE	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	5/8" GYP. BD., FTD.	9'-0"	FRP WALL FINISH FROM FLOOR TO 9'-6" A.F.F.
123	ELECTRICAL	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD.	SUSP. ACT	9'-0"	
124	I.T.	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD.	SUSP. ACT	9'-0"	
125	MEN'S	PORC. TILE	PORC. TILE	5/8" GYP. BD., PORC. TILE	SUSP. ACT	9'-0"	PORCELAIN TILE TO 48" HIGH, PAINT WALL ABOVE TILE
126	WOMEN'S	PORC. TILE	PORC. TILE	5/8" GYP. BD., PORC. TILE	SUSP. ACT	9'-0"	PORCELAIN TILE TO 48" HIGH, PAINT WALL ABOVE TILE
127	SUPPLIES	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT; VINYL	9'-0"	FRP WALL FINISH FROM FLOOR TO 9'-6" A.F.F.
128	STERILE SUPPLIES	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT	9'-0"	FRP WALL FINISH FROM FLOOR TO 9'-6" A.F.F.
129	SHIPPING	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT; VINYL	9'-0"	VINYL FACED GLNS. TILE / FRP WALL 9'-6" A.F.F.
130	PLASMA PROCESSING	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT; VINYL	9'-0"	VINYL FACED GLNS. TILE / FRP WALL 9'-6" A.F.F.
131	EQUIPMENT REPAIR	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD. / FRP	SUSP. ACT	9'-0"	FRP WALL FINISH FROM FLOOR TO 4' A.F.F.
132	STORAGE	RESIL. TILE	4" VINYL BASE	5/8" GYP. BD., FTD.	SUSP. ACT	9'-0"	
133	NOT USED						
134	ENTRANCE RECEPTION SPACE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING TO REMAIN

- ROOM FINISH NOTES:
 1. ALL GYPSUM BOARD TO BE TYPE "X"
 2. EXTEND WALL TILE BEHIND RESTROOM MIRRORS

FINISH MATERIAL SELECTION

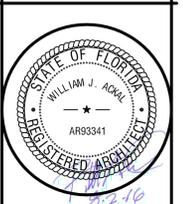
FINISH MATERIAL SELECTION *ALL FINISH SELECTIONS ARE OWNER SPECIFIED

- RESILIENT FLOORING TILE:**
 - 12X24 ARMSTRONG EARTHCUTS, HAVEN STONE GRAY PEARL, TP51
 - BRICK PATTERN INSTALLATION INSTALLED PARALLEL TO WIDER WALL OF ROOM, TYP.
 - APPLY ARMSTRONG S-445 COMMERCIAL FLOOR SEALER PER MANUFACTURER INSTRUCTIONS
- BASE MOLDING:**
 - JOHNSONITE 4" VINYL BASE, PLATINUM CG
- PORCELAIN WALL TILE:**
 - 6X6 MARAZZI TILE; LIVIGNO, GRIGIO
- PORCELAIN FLOOR TILE:**
 - 12X12 MARAZZI TILE; LIVIGNO, GRIGIO
- TILE GROUT:**
 - LATICRETE, 24 NATURAL GREY
- NOTE:** PORCELAIN FLOOR TILES SHALL MEET OR EXCEED THE NON-SLIP, FRICTION COEFFICIENT RATINGS REQUIRED BY BOTH IBC AND ADA FOR BOTH DRY AND WET CONDITIONS. ALL RESTROOM FLOOR TILE SHALL BE 12" SQUARE OR SMALLER.
- QUARTZ COUNTER TOP AND SPLASH:**
 - HANSTONE QUARTZ SURFACES, 3 CM THICK, MYSTIC BLUE
 - VISIT: WWW.HANSTONEUSA.COM FOR ADDITIONAL PRODUCT INFORMATION.
 - CONTACT: CONNIE BANDERA WITH BPI INDUSTRIES FOR PRICING AND ORDERING INFORMATION, (800) 621-4810
- TRIM COLOR:**
 - BENJAMIN MOORE, MISTY GREY 2124-60, SEMI-GLOSS
- DOOR FRAME COLOR:**
 - BENJAMIN MOORE, BUNNY GREY 2124-50, SEMI-GLOSS
- DOOR PAINT COLOR:**
 - BENJAMIN MOORE, BUNNY GREY 2124-50, SEMI-GLOSS
- WALL PAINT:**
 - BENJAMIN MOORE, DISTANT GREY 2124-70, SATIN
- CEILING PAINT:**
 - SHERWIN WILLIAMS; VISIBLE SOLUTIONS, SATOOT CEILING WHITE
- FRP (FIBERGLASS REINFORCED PLASTIC) PANELS:**
 - NEVAMAR / PANOLAM.
 - PROVIDE FRP PANELS IN ALL SPECIFIED SPACES IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - FINISH: PEBBLED EMBOSSED
 - COLOR: GRAY
 - ROOMS & ENCLOSED SPACES: FRP FIRE-RATED PANELS SHALL COMPLY WITH CLASS G BUILDING CODES FOR INTERIOR FINISHES PER ASTM E84.
 - FLAME SPREAD 76-200
 - SMOKE- DEVELOPED 0-450
- RESTROOM PARTITIONS:**
 - WILSONART LAMINATE, GREY, 1500-60
 - BRACE TO CEILING ON LONG RUNS, HEAVY-DUTY HINGES, DOOR STOP
 - PROVIDE COAT HOOK ON BACK OF EACH DOOR
- PLASTIC LAMINATE:**
 - FORMICA LAMINATE, 961-58 FOG GREY
 - FORMICA LAMINATE, 928 MOUSE GREY (AT BREAK 123, EQUIPMENT REPAIR 124, RESTROOM 126 & RESTROOM 127)
- *REFER TO INTERNATIONAL BUILDING CODE (IBC) AND NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) FOR ADDITIONAL DETAILS.**



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INTERIOR TENANT IMPROVEMENT FOR:
IMMUNOTEK BIO CENTERS, LLC
 4560 LAKE WORTH ROAD
 OFFICE DEPOT PLAZA, SUITE B-5
 LAKE WORTH, PALM BEACH COUNTY, FL 33463



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proj. no. 16-002
 date: 08-02-2016
 project architect: B.A.
 project manager: A.D.
 drawn by: A.D., J.L., C.T.

The name LAKE WORTH revised 8/2/16
 plot scale: 1:1
 sheet name:
 RM. FINISH SCHED. / FINISH SELECTION / WALL KEY PLAN

sheet no.
RA5.1
 9 of 42

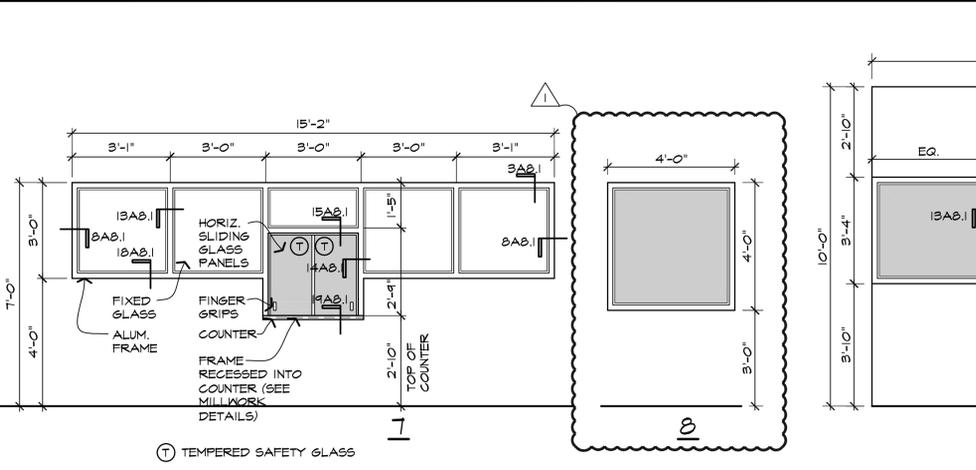
DOOR HRDWR. SCHED.

ENTRY VESTIBULE STOREFRONT DOUBLE DOORS (EXT.): 101-A STORE FRONT DOOR HINGES YALE T100 SERIES SQUARE BOLT PANIC BAR FULL BAR HANDLE 1" DIA MAX SECURITY CYLINDER WITH DEAD BOLT WITH THUMB TURN OPERATION ON INTERIOR SIDE CLOSER OVERHEAD SURFACE MOUNT WEATHER SEAL (PROVIDE COMPLETE SEAL) ADA COMPLIANT ALUMINUM THRESHOLD * NOTE: PROVIDE MORE THAN ONE HEX KEY (A.K.A. PANIC DEVICE DOGS KEY) FOR PANIC HARDWARE ** PROVIDE LOCKING MECHANISM TO ALLOW THE DOOR TO BE LOCKED FOR INCOMING TRAFFIC, BUT STILL ALLOWS EXITING TRAFFIC TO LEAVE WITHOUT THE DOOR HAVING TO BE UNLOCKED	RECEPTION DOORS (1/2 DOOR): 105-A, 105-B, 105-C 2 SPRING HINGES; HAGER 1150 4 1/2 X 4 1/2 X 26D SCHLAGE "D" SERIES "RHODES" PASSAGE LEVER WITH 626 FINISH 2 SILENCERS 30TD 2 KICKPLATES 8 X 34 X 32D (ONE EA. SIDE)
BIO-WASTE SINGLE DOOR (EXT.): 122-A HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D SCHLAGE "D" SERIES "RHODES" ENTRANCE LEVER WITH 626 FINISH WEATHER SEAL (PROVIDE COMPLETE SEAL - NO LIGHT GAP) ALUMINUM THRESHOLD YALE CLOSER 3301BF X 5NB X 5B ARMOR PLATE, HAGER, 1945 30XX, 32D HAGER 270C KICKDOWN DOOR HOLDER PEEP VIEWER 2" PEEP VIEWER, ORDER FROM KAWA.PEEPHOLESECURITY.COM- PRODUCT #60M32 CLOSER OVERHEAD SURFACE MOUNT	CONFERENCE / TRAINING DOOR: 116-A HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D SCHLAGE "D" SERIES "RHODES" PASSAGE LEVER WITH 626 FINISH 2 SILENCERS 30TD 2 KICKPLATES 24 X 34 X 32D (ONE EA. SIDE)
RECEIVING/ DELIVERY DOUBLE DOORS (EXT.): 118-A HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D SCHLAGE "D" SERIES "RHODES" ENTRANCE LEVER WITH 626 FINISH PANIC EXIT DEVICE (PUSH BAR) WEATHER SEAL (PROVIDE COMPLETE SEAL - NO LIGHT GAP) ALUMINUM THRESHOLD YALE CLOSER 3301BF X 5NB X 5B 2" PEEP VIEWER, ORDER FROM KAWA.PEEPHOLESECURITY.COM- PRODUCT #60M32 ARMOR PLATE, HAGER, 1945 30XX, 32D HAGER 270C KICKDOWN DOOR HOLDER	EXAM ROOM DOORS: 107-A, 108-A, 109-A HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D SCHLAGE "D" SERIES "RHODES" PASSAGE LEVER WITH 626 FINISH 2 SILENCERS 30TD YALE CLOSER 3301BF X 5NB X 5B KICKPLATES 8 X 34 X 32D (ONE EA. SIDE)
DONOR EXIT STOREFRONT SINGLE DOOR (INT.): 111-B STORE FRONT DOOR HINGES PUSH / FULL BAR WEATHER SEAL (PROVIDE COMPLETE SEAL) YALE CLOSER 3301BF X 5NB X 5B	CLOSET DOUBLE DOORS: 132-A HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D SCHLAGE "D" SERIES "RHODES" PASSAGE LEVER WITH 626 FINISH 2 SILENCERS 30TD YALE CLOSER 3301BF X 5NB X 5B ARMOR PLATE, HAGER, 1945 30XX, 32D (ONE EA. SIDE)
FUTURE OFFICE SPACE DOOR: 134-A HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D SCHLAGE "D" SERIES "RHODES" PASSAGE LEVER WITH 626 FINISH 2 SILENCERS 30TD YALE CLOSER 3301BF X 5NB X 5B ARMOR PLATE, HAGER, 1945 30XX, 32D (ONE EA. SIDE)	EMPLOYEE HALL DOUBLE DOOR: 114-A HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D SCHLAGE "D" SERIES "RHODES" PASSAGE LEVER WITH 626 FINISH 2 SILENCERS 30TD YALE CLOSER 3301BF X 5NB X 5B ARMOR PLATE, HAGER, 1945 30XX, 32D (ONE EA. SIDE)
DONOR RESTROOM DOORS (MULTIPLE STALL): 102-A, 103-A, HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D PUSH / FULL BAR (ONE EA. SIDE) YALE CLOSER 3301BF X 5NB X 5B KICKPLATES 24 X 34 X 32D (ONE EA. SIDE)	SUPPLIES, STERILE SUPPLIES & SHIPPING DOUBLE DOORS: 127-A, 128-A, 129-A HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D SCHLAGE "D" SERIES "RHODES" ENTRANCE LEVER WITH 626 YALE CLOSER 3301BF X 5NB X 5B SILENCERS 30TD ARMOR PLATE, HAGER, 1945 30XX, 32D (ONE EA. SIDE) HAGER 270C KICKDOWN DOOR HOLDER
EMPLOYEE RESTROOM DOORS (MULTIPLE STALL): 125-A, 126-A HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D KICKPLATES 24 X 34 X 32D (ONE EA. SIDE)	OFFICE DOORS: 111-A, 112-A, 113-A, 115-A HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D SCHLAGE "D" SERIES "RHODES" ENTRANCE LEVER WITH 626 FINISH YALE CLOSER 3301BF X 5NB X 5B SILENCERS 30TD KICKPLATES 8 X 34 X 32D (ONE EA. SIDE)
JANITOR & BIO-WASTE (INT.) DOOR: 121-A, 122-B HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D SCHLAGE "D" SERIES "RHODES" ENTRANCE LEVER WITH 626 FINISH 2 SILENCERS 30TD YALE CLOSER 3301BF X 5NB X 5B ARMOR PLATE, HAGER, 1945 30XX, 32D (ONE EA. SIDE)	I.T. / ELECTRICAL DOORS: 123-A, 124-A HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D SCHLAGE "D" SERIES "RHODES" ENTRANCE LEVER WITH 626 FINISH YALE CLOSER 3301BF X 5NB X 5B SILENCERS 30TD ARMOR PLATE, HAGER, 1945 30XX, 32D (ONE EA. SIDE)
EQUIP. REPAIR DOOR: 131-A HINGES HAGER BB 1219 4 1/2 X 4 1/2 X 26D SCHLAGE "D" SERIES "RHODES" PASSAGE LEVER WITH 626 FINISH 2 SILENCERS 30TD YALE CLOSER 3301BF X 5NB X 5B ARMOR PLATE, HAGER, 1945 30XX, 32D (ONE EA. SIDE)	

GENERAL DOOR HARDWARE NOTES:
1. PROVIDE AND INSTALL A HEAVY DUTY FLOOR DOOR STOP ON ALL DOORS, HAGER FLOOR STOP 241X X 26D
2. PROVIDE FIRE RATED HARDWARE INCLUDING CLOSER TO ALL FIRE RATED DOORS.
3. KEYING: PROVIDE OWNER WITH A MASTER KEY FOR ALL LOCKS. (10 COPIES)

ROOM SIGNAGE SCHEDULE

DOOR	COPY	FONT/GRAPHICS
101-A, 118-B, 132-B	EXIT	5/8" HIGH, STANDARD MEDIUM / BRAILLE DOTS / HC300D
102-A, 126-A	WOMEN	5/8" STANDARD MEDIUM / HC AND FEMALE INTERNATIONAL SYMBOL / BRAILLE DOTS / HC300A
103-B, 125-A	MEN	5/8" STANDARD MEDIUM / HC AND MALE INTERNATIONAL SYMBOL / BRAILLE DOTS / HC300A



DOOR SCHEDULE

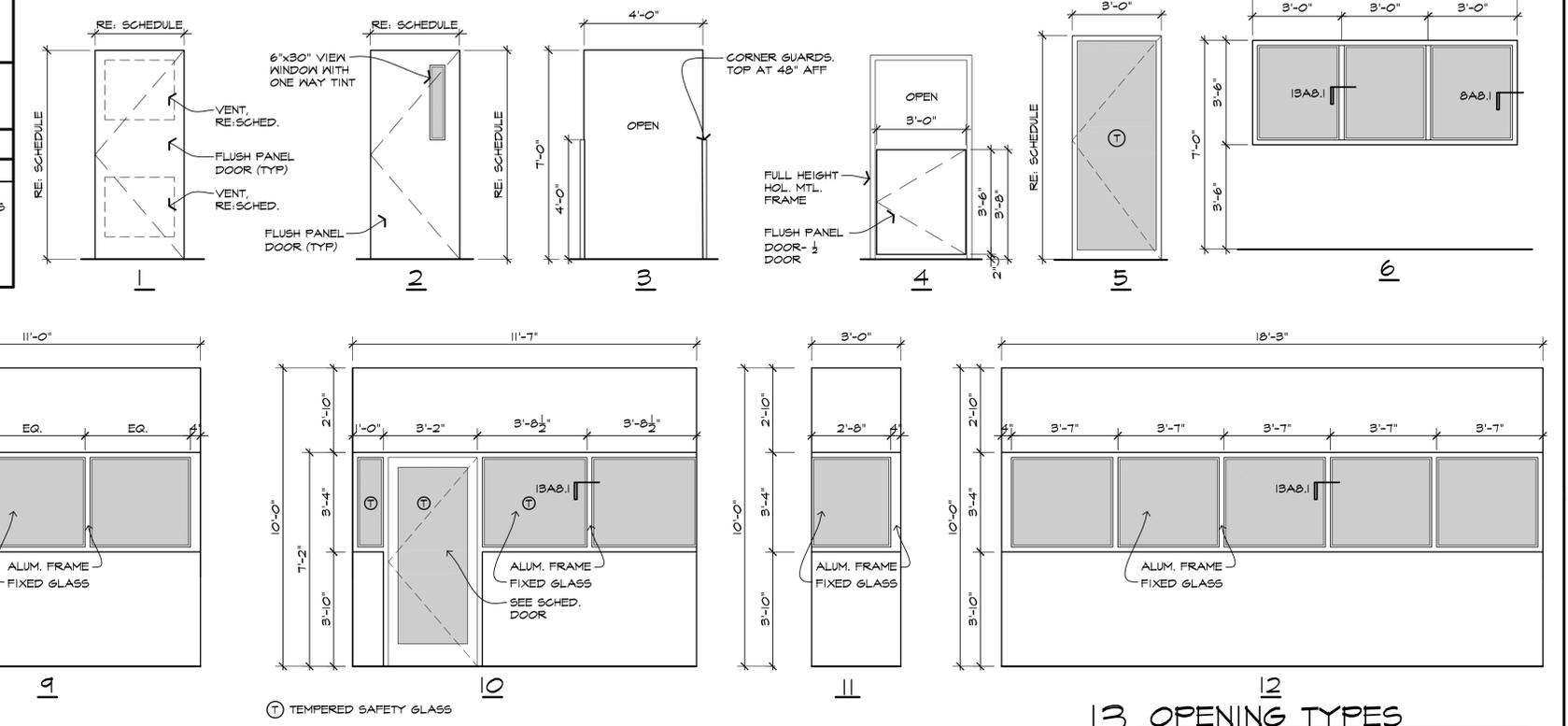
DOOR	TYPE	WID.	HT.	THK.	MATERIAL	FRAME	HEAD	JAMB	THRSHLD.	LABEL	REMARKS
101-A	5 (FR)	6'-0"	7'-0"	-	ALUM / GLASS	ALUM	-	-	20AB.1		PR. EXISTING STOREFRONT DOOR
102-A	1	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INTERIOR FLUSH PANEL DOOR
103-A	1	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INTERIOR FLUSH PANEL DOOR
105-A	4	3'-0"	3'-6"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	-	9AB.1	-		INTERIOR FLUSH PANEL DOOR 1/2 SIZE
105-B	4	3'-0"	3'-6"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	-	9AB.1	-		INTERIOR FLUSH PANEL DOOR 1/2 SIZE
105-C	4	3'-0"	3'-6"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	-	9AB.1	-		INTERIOR FLUSH PANEL DOOR 1/2 SIZE
107-A	1	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INTERIOR FLUSH PANEL DOOR
108-A	1	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INTERIOR FLUSH PANEL DOOR
109-A	1	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INTERIOR FLUSH PANEL DOOR
111-A	2	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INT. FLUSH PANEL DOOR, VIEW WINDOW
112-A	2	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INT. FLUSH PANEL DOOR, VIEW WINDOW
113-A	2	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INT. FLUSH PANEL DOOR, VIEW WINDOW
114-A	2 (FR)	6'-0"	8'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		PR. INT. FLUSH PANEL DOOR, VIEW WINDOW
114-B	5	3'-0"	7'-0"	-	ALUM / GLASS	ALUM	-	-	-		INT. STOREFRONT DOOR
115-A	2	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INT. FLUSH PANEL DOOR, VIEW WINDOW
116-A	2	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INT. FLUSH PANEL DOOR, VIEW WINDOW
117-A	3	4'-0"	7'-0"	-	-	-	5AB.1	10AB.1	-		GAB RETURN, OPENING
118-A	1 (FR)	3'-0"	8'-0"	1-3/4"	H.M. INSUL., PTD.	H.M. PTD.	4AB.1	9AB.1	-		EXTERIOR FLUSH PANEL DOOR
121-A	1	6'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-	45 MIN.	INT. FLUSH PANEL DOOR, WITH SMOKE SEAL
122-A	1	4'-0"	8'-0"	1-3/4"	H.M. INSUL., PTD.	H.M. PTD.	2AB.1	7AB.1	20AB.1		EXTERIOR FLUSH PANEL DOOR
122-B	1	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INT. FLUSH PANEL DOOR, WITH VENTS
123-A	1	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INT. FLUSH PANEL DOOR
124-A	1	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INT. FLUSH PANEL DOOR
125-A	1	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INTERIOR FLUSH PANEL DOOR
126-A	1	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INTERIOR FLUSH PANEL DOOR
127-A	1 (FR)	6'-0"	8'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		PR. INT. FLUSH PANEL DOOR
128-A	2 (FR)	6'-0"	8'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		PR. INT. FLUSH PANEL DOOR, VIEW WINDOW
129-A	2 (FR)	6'-0"	8'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		PR. INT. FLUSH PANEL DOOR, VIEW WINDOW
131-A	2	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INT. FLUSH PANEL DOOR, VIEW WINDOW
132-A	1	3'-0"	7'-0"	1-3/4"	S.C. WD., PTD.	H.M. PTD.	4AB.1	9AB.1	-		INT. FLUSH PANEL DOOR
133-A	NOT USED										
134-A	NOT USED										

NOTE:
1. ALL INTERIOR WOOD DOORS SHALL BE SOLID CORE WOOD DOORS, PAINTED.
2. ALL EXTERIOR H.M. DOORS AND FRAMES SHALL BE EXTERIOR GRADE, GALVANIZED AND PAINTED.

WINDOW SCHEDULE

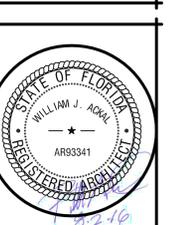
WINDOW TYPE	WID.	HT.	FRAME	GLAZING	HEAD	JAMB	SILL	REMARKS	
101-A	8	4'-0"	4'-0"	ALUM.	1" INSUL., LOW-E TINTED	-	-	STOREFRONT WINDOW SYSTEM	
101-B	8	4'-0"	4'-0"	ALUM.	1" INSUL., LOW-E TINTED	-	-	STOREFRONT WINDOW SYSTEM	
101-C	8	4'-0"	4'-0"	ALUM.	1" INSUL., LOW-E TINTED	-	-	STOREFRONT WINDOW SYSTEM	
101-D	8	11'-0"	3'-4"	ALUM.	1/4" CLEAR	3AB.1	RE.ELEV.	18AB.1	STOREFRONT WINDOW SYSTEM
101-E	11	3'-0"	7'-0"	ALUM.	1/4" CLEAR	3AB.1	RE.ELEV.	18AB.1	STOREFRONT WINDOW SYSTEM
111-A	6	3'-0"	3'-6"	ALUM.	1/4" CLEAR	3AB.1	RE.ELEV.	18AB.1	STOREFRONT WINDOW SYSTEM
113-A	6	3'-0"	3'-6"	ALUM.	1/4" CLEAR	3AB.1	RE.ELEV.	18AB.1	STOREFRONT WINDOW SYSTEM
114-A	10	11'-7"	3'-4"	ALUM.	1/4" CLEAR	3AB.1	RE.ELEV.	18AB.1	STOREFRONT WINDOW SYSTEM
114-B	11	3'-0"	3'-4"	ALUM.	1/4" CLEAR	3AB.1	RE.ELEV.	18AB.1	STOREFRONT WINDOW SYSTEM
114-C	12	18'-3"	3'-4"	ALUM.	1/4" CLEAR	3AB.1	RE.ELEV.	18AB.1	STOREFRONT WINDOW SYSTEM
130-A	7	15'-2"	3'-0"	ALUM.	1/4" CLEAR	RE.ELEV.	RE.ELEV.	RE.ELEV.	STOREFRONT WINDOW SYSTEM W/ (2) INTEGRAL SLIDING GLASS UNITS

NOTE:
1. ALL INTERIOR OFFICE WINDOWS SHALL BE TINTED WITH ONE WAY REFLECTIVE TINTING.
2. ALL WINDOWS WITHIN 24" OR LESS OF ANY DOOR WITHIN SAME OR ADJACENT WALL WILL REQUIRE TEMPERED SAFETY GLASS.



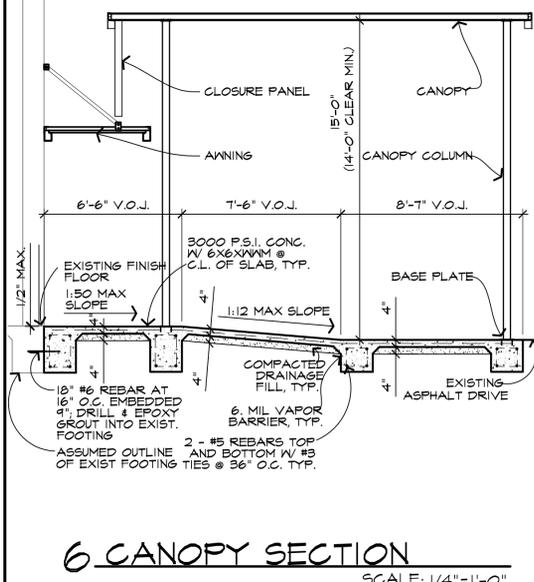
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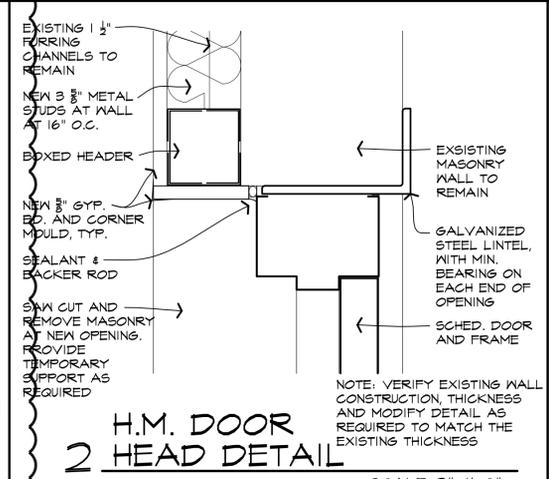


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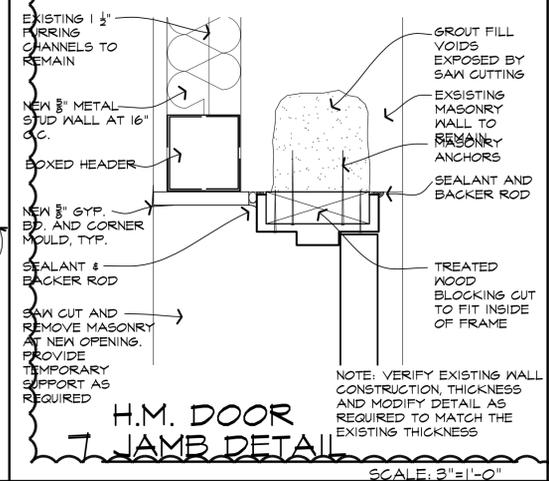
proj. no. 16-002
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 project architect: B.A.
 project manager: A.D.
 drawn by: A.D., J.L., C.T.
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 revised: 9-2-16
 plot scale: 1:1
 sheet name:
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 HRDWR. SCHEDULE /
 OPENING TYPES
 sheet no.
RA5.2
 10 of 42
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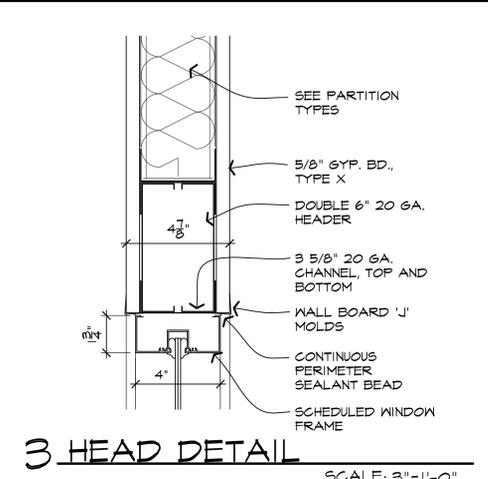
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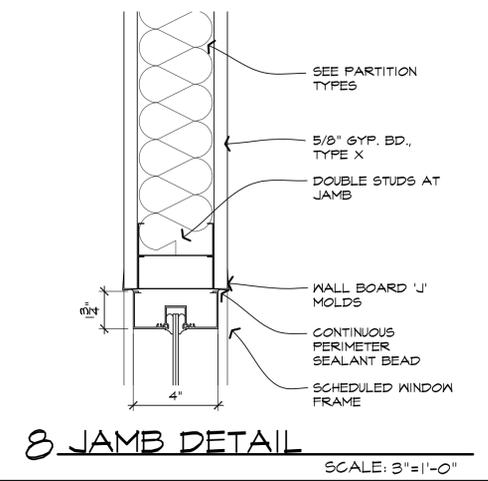
2 H.M. DOOR HEAD DETAIL
SCALE: 3"=1'-0"



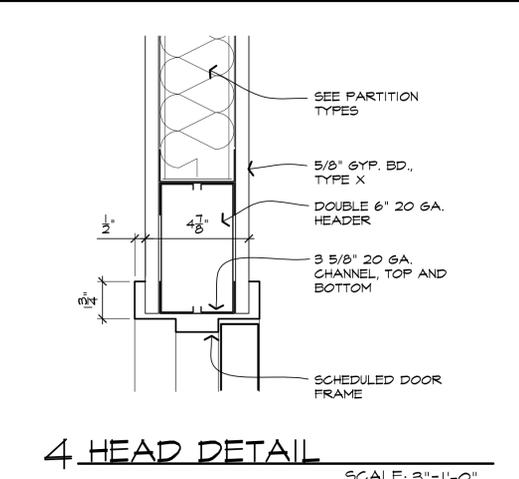
7 H.M. DOOR JAMB DETAIL
SCALE: 3"=1'-0"



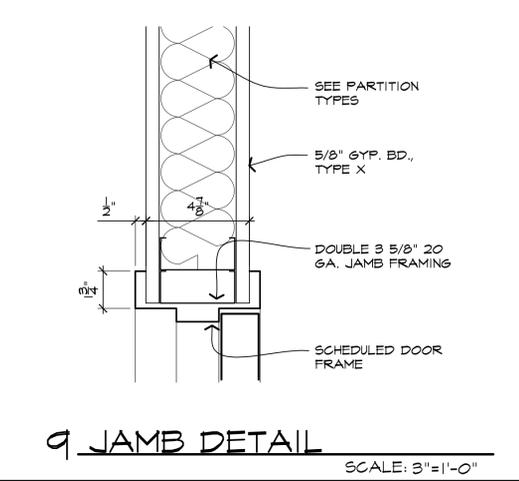
3 HEAD DETAIL
SCALE: 3"=1'-0"



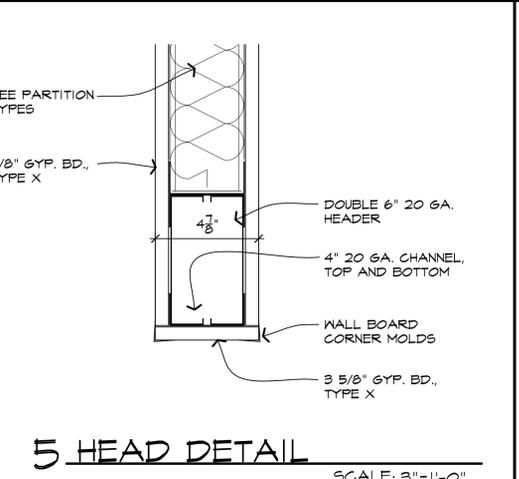
8 JAMB DETAIL
SCALE: 3"=1'-0"



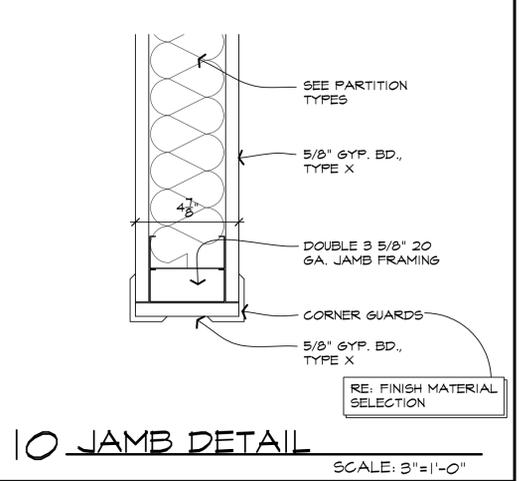
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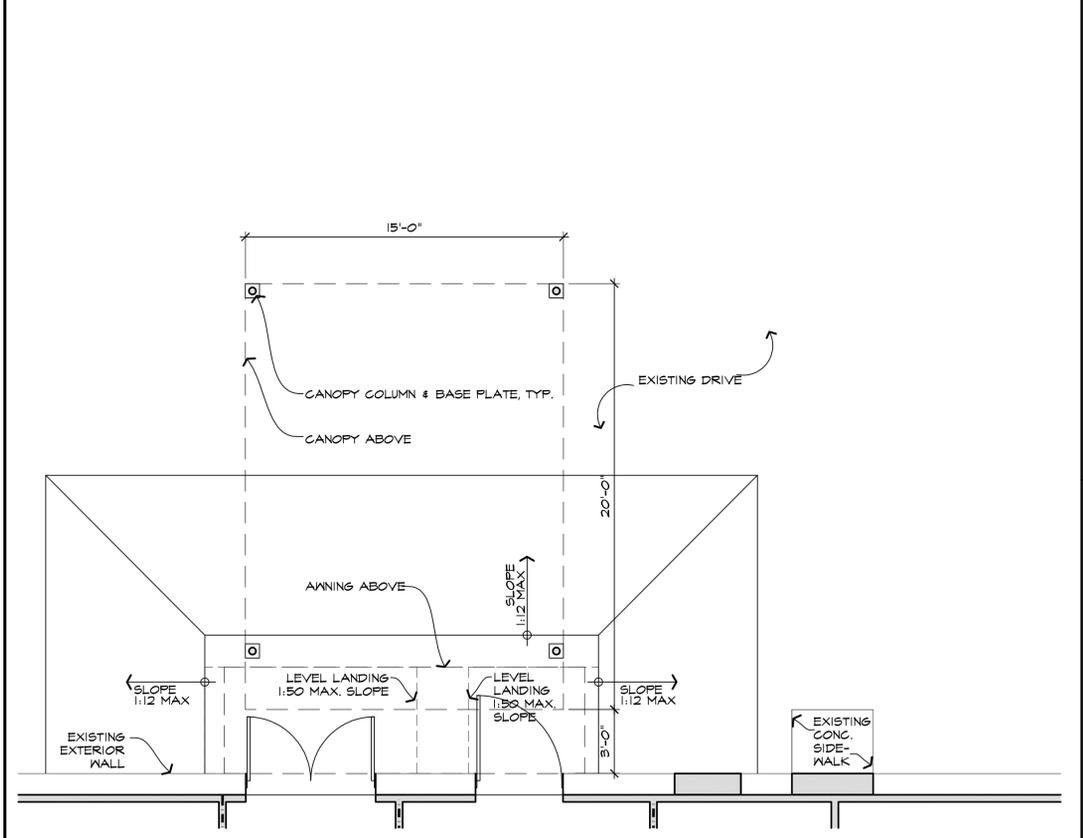
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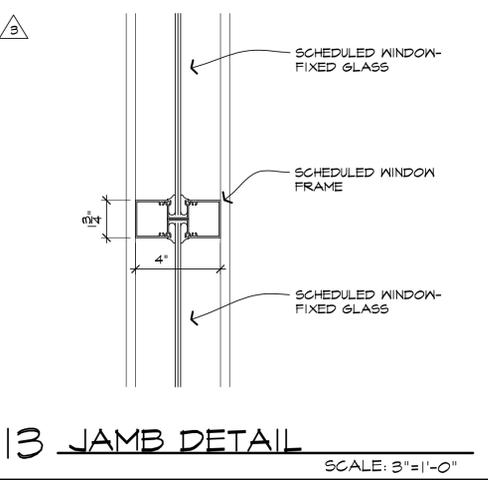
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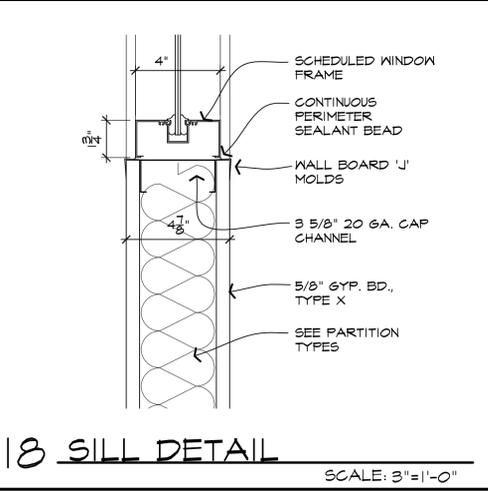
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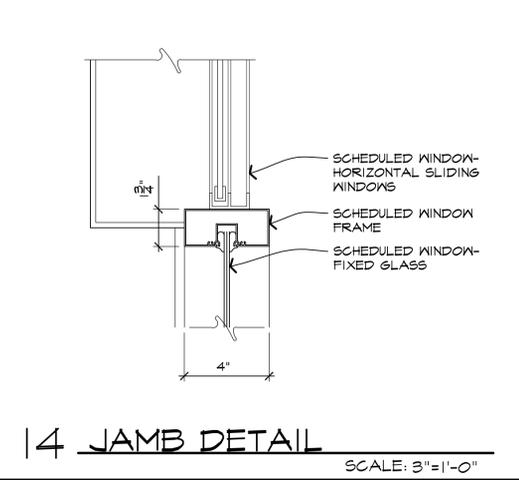
16 CANOPY PLAN
SCALE: 1/4"=1'-0"



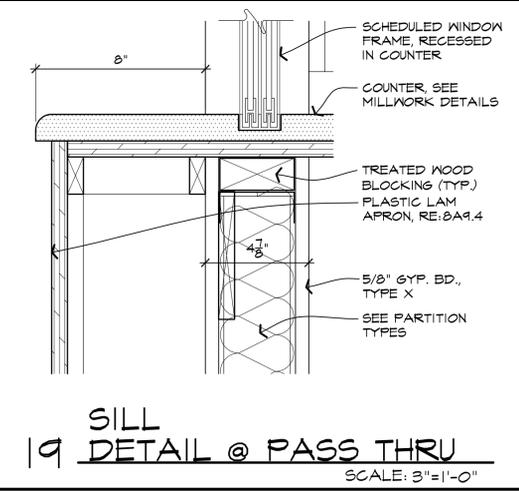
13 JAMB DETAIL
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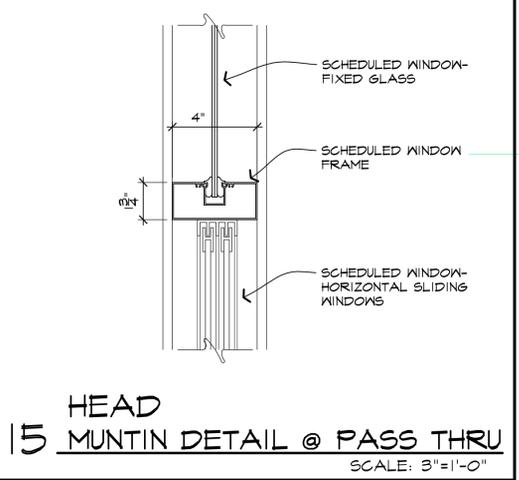
18 SILL DETAIL
SCALE: 3"=1'-0"



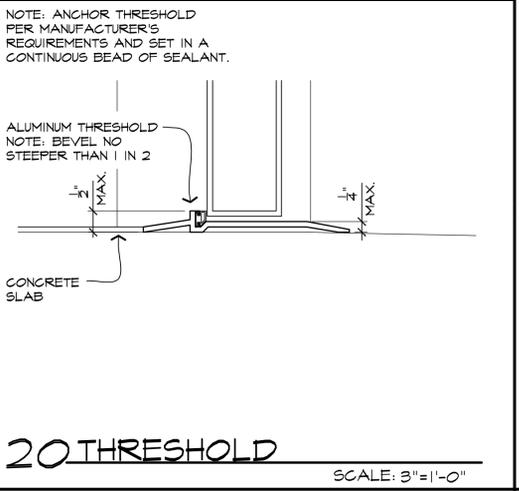
14 JAMB DETAIL
SCALE: 3"=1'-0"



19 SILL DETAIL @ PASS THRU
SCALE: 3"=1'-0"



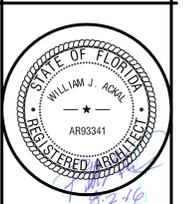
15 HEAD MUNTIN DETAIL @ PASS THRU
SCALE: 3"=1'-0"



20 THRESHOLD
SCALE: 3"=1'-0"

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proj. no. 16-002
date: 08-02-2016
project architect: B.A.
project manager: A.D.
drawn by: A.D., J.L., C.T.
The name LAKE WORTH
revised: 3-2-16
plot scale: 1:1
sheet name:
HEAD, JAMB, SILL
AND THRESHOLD
DETAILS

sheet no.
RA8.1
11 of 42

GENERAL NOTES

- DEFINITION:** THE WORD "PROVIDE" MEANS FURNISH, INSTALL, FEED, AND CONNECT WITH ALL ACCESSORIES AND ANCILLARY EQUIPMENT FOR A COMPLETE AND OPERABLE INSTALLATION.
- CODES:** ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL ADOPTED APPLICABLE CODES AND ORDINANCES.
- COMPLETE INSTALLATION:** PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, ACCESSORIES, ETC., NECESSARY TO ACCOMPLISH A COMPLETE ELECTRICAL SYSTEM IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.
- GROUNDING:** GROUND ALL EQUIPMENT AND SYSTEM NEUTRAL IN ACCORDANCE WITH ARTICLE 250 OF THE NEC. PROVIDE CODE SIZED EQUIPMENT GROUNDING CONDUCTOR IN ALL FEEDERS AND BRANCH CIRCUIT RACEWAYS. WHERE ISOLATED GROUNDS ARE INDICATED, PROVIDE INSULATED CONDUCTOR.
- CIRCUITING:** ALL WIRING SHALL BE IN CONDUIT, CONCEALED EXCEPT WHERE NOTED. EMT WITH DIE CAST SET SCREW FITTINGS MAY BE USED IN DRY, PROTECTED INTERIOR LOCATIONS. PVC SCHEDULE 40 SHALL BE USED BELOW GRADE AT MINIMUM 24". UNSHIPPED RIGID ELBOWS AND RISERS SHALL BE USED FOR ALL THROUGH-GRADE TRANSITIONS AND STUB-UPS. RGS OR IMC CONDUIT WITH THREADED FITTINGS SHALL BE USED IN ALL LOCATIONS WHERE EXPOSED TO THE ELEMENTS OR SUBJECT TO PHYSICAL DAMAGE. METAL-CLAD CABLE (TYPE MC) MAY BE USED WHERE ALLOWED BY CODE AND LOCAL AUTHORITIES HAVING JURISDICTION (ALL HOMERUNS SHALL BE IN CONDUIT) AND INSTALLED PER NEC ARTICLE 330. TYPE ENT RACEWAY IS NOT ALLOWED. CONNECT RECESSED AND SUSPENDED LIGHT FIXTURES, MOTORIZED AND VIBRATING EQUIPMENT WITH STEEL FLEX. ALL CONDUIT SHALL HAVE FULL CORD IF OTHER WIRE EMPTY.
- WIRING:** WIRE SHALL BE COPPER UNLESS OTHERWISE NOTED, STRANDED IN SIZES 18 AWG AND LARGER. WHERE ALUMINUM IS INDICATED, WIRE SHALL BE COMPACTED-STRAND TYPE WITH JOINT COMPOND AT TERMINATIONS. INSULATION SHALL BE TYPE THIN OR THIN (XHHU FOR ALUMINUM). ALUMINUM CONDUCTORS SHALL NOT BE USED IN SIZES SMALLER THAN #10 (200 A EQUIPMENT FEEDER), AND WHEN USED SHALL BE TERMINATED IN INSULATED COMPRESSION-TYPE CU/AL FITTING ("MAC-ADAPT" OR EQUAL).
- EXISTING CONDITIONS:** CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL EXISTING AND PROPOSED CONDITIONS WHICH MAY AFFECT THE COURSE OF HIS WORK. CONTRACTOR SHALL REPORT ALL DISCREPANCIES AND UNACCEPTABLE CONDITIONS TO ENGINEER PRIOR TO BID. NO EXTRAS WILL BE ALLOWED FOR FAILURE TO COMPLY WITH THIS REQUIREMENT.
- PERMITS:** OBTAIN AND PAY FOR ALL BUILDING AND WORKING PERMITS AND INSPECTION FEES REQUIRED FOR THIS PROJECT.
- UTILITY SERVICES:** PROVIDE POWER AND COMMUNICATIONS SYSTEM SERVICES IN ACCORDANCE WITH THE REQUIREMENTS OF THE SERVING UTILITIES. PROVIDE EXCAVATION, RACEWAY, STRUCTURES, GROUNDING, ETC. AS DIRECTED. POWER SERVICES AND DISTRIBUTION SYSTEM AIC, RATING SHALL EXCEED MAXIMUM AVAILABLE FAULT CURRENT THROUGH UTILITY SERVICE TRANSFORMER. CONTACT SERVING UTILITIES AND OBTAIN THEIR REQUIREMENTS PRIOR TO BID. (UTILITY SERVICE AND LINE EXTENSION CHARGES PAID BY OTHERS.)
- TEMPORARY CONSTRUCTION POWERS:** PROVIDE TEMPORARY ELECTRICAL POWER DISTRIBUTION AND LIGHTING AS REQUIRED FOR ALL TRADES THAT REQUIRE SERVICE DURING THE COURSE OF THIS PROJECT IN COMPLIANCE WITH ALL NEC AND OSHA REQUIREMENTS. (ENERGY COSTS BY OTHERS.)
- FIRE STOPPING:** ALL PENETRATED FIRE RATED SURFACES SHALL BE FIRE SEALED WITH APPROVED UL LISTED SEALANTS AS LISTED WITHIN ARCHITECTURAL SPECIFICATIONS. DO NOT EXCEED MAXIMUM ALLOWABLE SURFACE PENETRATIONS DEPENDENT ON RATING OF SURFACES. REFER TO ARCHITECTURAL DRAWINGS FOR DETERMINATION OF PENETRATION LOCATIONS THROUGH FIRE RATED ASSEMBLIES.
- FUSES AND CIRCUIT BREAKERS:** FUSES AND CIRCUIT BREAKERS SHALL BE SIZED PER ACTUAL RESPECTIVE APPLICATION (I.e., MOTOR CIRCUIT PROTECTOR, GROUND FAULT CIRCUIT INTERRUPTER, ARC FAULT CIRCUIT INTERRUPTER, ETC.). FUSES SHALL BE DUAL ELEMENT, CURRENT-LIMITING, AND SHALL BE INTERCHANGEABLE BETWEEN FRAME SIZES WITH STANDARD FACTORY FUSE REDUCERS. PROVIDE LOCKABLE SPARE FUSE CABINET WITH THREE (3) SPARE FUSES OF EACH SIZE USED.
- EQUIPMENT STANDARDS:** ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND OF THE HIGHEST QUALITY AVAILABLE ("SPECIFICATION GRADE"). LIGHTING FIXTURES SHALL HAVE ELECTRONIC BALLASTS AND ACRYLIC LENSES. SERVICE EQUIPMENT SHALL BE FACTORY ASSEMBLED COMMERCIAL GRADE, CONFIGURED PER SERVING UTILITY STANDARDS. PANELBOARDS SHALL HAVE BOLT-ON CIRCUIT BREAKERS. WIRING DEVICES SHALL BE SPECIFICATION GRADE WITH NYLON PLATES, IVORY UNLESS OTHERWISE NOTED. RAISED STEEL BOX COVERS MAY BE USED IN UTILITY AREAS.
- GUARANTEE:** THE COMPLETE ELECTRICAL SYSTEM, AND ALL PORTIONS THERE OF, SHALL BE GUARANTEED TO BE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE. PROMPTLY REMEDY SUCH DEFECTS AND ANY SUBSEQUENT DAMAGE CAUSED BY THE DEFECTS OR REPAIR THEREOF AT NO EXPENSE TO THE OWNER. LIGHT BULBS ARE EXEMPT FROM THIS GUARANTEE, BUT SHALL BE NEW AND UNUSED AT TIME OF FINAL ACCEPTANCE.
- SUBMITTALS:** SUBMIT EIGHT COPIES OF FACTORY SHOP DRAWINGS FOR ALL LIGHTING FIXTURES, SWITCHGEAR PANELS, MOTOR CONTROLS, WIRING DEVICES, ETC. PROPOSED FOR THIS PROJECT. PROPOSED SUBSTITUTIONS SHALL BE EQUAL OR SUPERIOR TO SPECIFIED ITEMS IN ALL RESPECTS. DETERMINATION OF EQUALITY RESTS SOLELY WITH ENGINEER.
- LOCATIONS:** INDICATED LOCATIONS OF ALL OUTLETS AND EQUIPMENT ARE SUBJECT TO CHANGE. SHIFT/RELOCATE/RECONFIGURE ANY OUTLET, EQUIPMENT OR CONNECTION POINT UP TO 10' AS DIRECTED BY ENGINEER AT NO ADDED COST.
- IDENTIFICATION:** IDENTIFY ALL EQUIPMENT, SWITCHBOARD CIRCUITS AND ELECTRICALLY CONNECTED EQUIPMENT WITH ENGRAVED NAMEPLATES. NAMEPLATES SHALL BE FASTENED WITH A MINIMUM OF TWO (2) SCREWS. PANEL DIRECTORIES SHALL BE TYPED.
- PANELBOARDS:** PANELS SHALL HAVE FLUSH MONO-FLAT TRIM, PIANO HINGED DOORS AND COVER (DOOR-IN-DOOR) WITH LOCKABLE MASTER-KEYED FLUSH CATCHES AND BOLT-ON CIRCUIT BREAKERS. FLUSH-MOUNTED PANELS SHALL HAVE EMPTY CONDUITS STUBBED TO ACCESSIBLE ATTIC SPACE: (1) 1" CONDUIT FOR EACH (4) SPARE/SPACE CIRCUITS.
- TAMPERPROOF:** ALL EQUIPMENT AND CIRCUITING ACCESSIBLE BY THE PUBLIC SHALL BE DEMONSTRATED TO BE TAMPERPROOF AND VANDAL RESISTANT. OPENABLE DEVICES AND EQUIPMENT SHALL BE PAD LOCKABLE.
- SUPPORTS AND HANGERS:** SUPPORT AND ALIGN ALL RACEWAYS, CABINETS, BOXES, BACK BOXES, FIXTURES, AND EQUIPMENT FROM STRUCTURE. SECURE ALL SUPPORTING METHODS BY MEANS OF TOGGLE BOLTS IN HOLLOW MASONRY, EXPANSION BOLTS IN SOLID MASONRY, CONCRETE FRESHET INSERTS OR EXPANSION BOLTS IN CONCRETE, MACHINE SCREWS OR BOLTS IN METAL, AND WOOD SCREWS IN WOOD CONSTRUCTION. ALL SUPPORTING SYSTEMS AND COMPONENTS SHALL BE RATED FOR FIVE (5) TIMES THE ACTUAL LOAD.
- ELECTRIC ROOM CODE COMPLIANCE:** DUE TO THE DIAGRAMMATIC NATURE OF THE DESIGN DOCUMENTS (ELECTRICAL, MECHANICAL, PLUMBING, FIRE SPRINKLER, ETC.), IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH ALL OTHER SUBCONTRACTORS AT THE START OF THIS PROJECT TO INFORM AND VERIFY THAT NO FOREIGN SYSTEMS OR EQUIPMENT PASS THROUGH THE DESIGNATED ELECTRIC ROOMS AND THAT A MINIMUM OF 1'-0" IS PROVIDED AS CLEAR HEADROOM ALONG ACCESS PATHS TO ALL ELECTRIC ROOMS. ANY REROUTING OR RELOCATION OF SYSTEMS THAT A SUBCONTRACTOR OR FEELS WILL COMPROMISE THE INITIAL DESIGN INTENT SHALL BE DESCRIBED IN WRITING AND FORWARDED TO THE DESIGN ENGINEER FOR FURTHER REVIEW. ALL PIPING TO HVAC UNITS THAT COOL ELECTRIC ROOMS SHALL BE LOCATED ABOVE THE ENTRY DOORS WHEN EVER POSSIBLE. THE SPRINKLER PIPING TO PROVIDE PROTECTION FOR THE ELECTRIC ROOM IS PREFERRED TO ENTER THE ROOM ABOVE THE ENTRY DOOR AND RUN DOWN THE AISLE SPACES OF THE ROOM. ALL INSTALLATIONS SHALL BE FULLY COORDINATED AMONG ALL TRADES.
- ELECTRICALLY-OPERATED EQUIPMENT-FEEDERS AND OVERCURRENT DEVICES COORDINATION:** FEEDERS AND OVERCURRENT DEVICES (INCLUDING STARTERS, DISCONNECTS, ETC.) HAVE BEEN DESIGNED BASED ON INFORMATION PROVIDED BY THE RESPONSIBLE CONSULTANT AND/OR DESIGNATED SUPPLIER. PRIOR TOROUGH-IN, COORDINATE WITH THE APPROPRIATE TRADE AND/OR INSTALLER TO DETERMINE THAT THE ACTUAL NAMEPLATE ELECTRICAL REQUIREMENTS MATCH THIS DESIGN. ALL COST REDUCTION VALUE ENGINEERING, SUBSTITUTION PROPOSALS, ETC. CONCERNING ELECTRICALLY POWERED EQUIPMENT AND SYSTEMS WHICH IMPACT THE ELECTRICAL SYSTEMS OF THIS PROJECT SHALL INCLUDE ALL ELECTRICAL COSTS AND/OR CREDITS ASSOCIATED WITH SUCH PROPOSALS AND SHALL BE COORDINATED AMONGST THE GENERAL CONTRACTOR AND THE SEVERAL AFFECTED TRADES PRIOR TO SUBMISSION FOR REVIEW.
- COORDINATION:** THIS PROJECT REQUIRES A HIGH LEVEL OF COORDINATION AND COOPERATION WITH OWNER, ARCHITECT, OTHER TRADES, VENDORS, AND SPECIALTY CONTRACTORS. THIS CONTRACTOR SHALL OBTAIN AND STUDY SHOP DRAWINGS OF ALL ELECTRICALLY CONNECTED EQUIPMENT AND SHALL ADJUST POINTS OF CONNECTION, LOCATIONS, AND MOUNTING HEIGHTS AS NECESSARY PRIOR TO ROUGH-IN.
- BIDDING:** THE CIVIL, ARCHITECTURAL, MECHANICAL, KITCHEN AND INTERIOR DRAWINGS CONTAIN DETAIL DESCRIPTIONS, CIRCUITING AND CONNECTION REQUIREMENTS WHICH ARE PART OF DIVISION 16 RESPONSIBILITIES. THIS CONTRACTOR SHALL NOT SUBMIT BIDS ON THIS PROJECT BEFORE REVIEWING ALL PROJECT DRAWINGS, SPECIFICATIONS, AND APPENDIX A.
- FIRE ALARM:** THE CONTRACTOR SHALL PROVIDE A COMPLETE FIRE ALARM SYSTEM IN FULL ACCORDANCE WITH LOCAL, STATE AND ADA REQUIREMENTS. THESE DOCUMENTS DO NOT INDICATE DEVICES, OUTLETS, CONNECTIONS, AND CIRCUITRY NECESSARY FOR A COMPLETE FIRE ALARM SYSTEM. OBTAIN FIRE MARSHAL APPROVED SHOP DRAWINGS PRIOR TO COMMENCEMENT OF ROUGH-IN. PROVIDE COMPLETE SYSTEM TESTING UPON COMPLETION OF INSTALLATION AND PRIOR TO FIELD ACCEPTANCE BY OWNER.
- ADDITIONAL SYSTEMS AND EQUIPMENT CONNECTIONS:** IN ADDITION TO EQUIPMENT POWER FEEDERS AND CONNECTIONS INDICATED ON THE ELECTRICAL DRAWINGS, PROVIDE 120V CONTROL POWER CONNECTIONS TO SMOKE/FIRE DAMPERS, VAV BOXES, TEMPERATURE CONTROL, AND FIRE ALARM PANELS, DOOR HOLDING/LATCHING DEVICES, ETC. AS INDICATED IN THE PROJECT DRAWINGS AND SPECIFICATIONS AS WELL AS ALL DESIGN-BUILD SYSTEM DRAWINGS.

ITEM	POWER SOURCE	NO. PER 20A CIRCUIT	PROVIDESMOKE DETECTORS
FIRE/SMOKE DAMPER	EMERGENCY	10	YES
VAV TERMINAL (NOFAN)	NORMAL (VERIFY)	10	NO
TEMPERATURE CONTROL PANEL	EMERGENCY (VERIFY)	1	NO
FIRE ALARM PANEL	EMERGENCY	10	NO
DOOR HOLDING/LATCHING DEVICES	EMERGENCY	10	NO

- COMMUNICATION SYSTEMS:** THE ELECTRICAL CONTRACTOR SHALL PROVIDE OUTLETS AND RACEWAYS FOR COMMUNICATION SYSTEMS AS INDICATED HERE IN INCLUDING TELEPHONE, DATA AND POINT-OF-SALE, CABLEING AND DEVICES SHALL BE INSTALLED AND TERMINATED BY OTHERS. OTHER COMMUNICATION SYSTEMS (I.e., SOUND, SECURITY, AUDIO/VISUAL, CCTV, MATV, ETC.) SHALL BE DESIGNED AND INSTALLED BY OTHERS.
- ALL DEVICES INSTALLED WITHIN PATIENT CARE AREAS SHALL COMPLY WITH NEC ARTICLE 517. PATIENT CARE AREAS ARE TO INCLUDE DONOR FLOOR, EAM ROOMS, SCREENING ROOMS, ETC.**

ELECTRICAL SYMBOL LIST

NOTE: THIS IS A MASTER SCHEDULE. NOT ALL SYMBOLS AND/OR ABBREVIATIONS CONTAINED HEREIN MAY APPEAR ON THE DRAWINGS.

	FLUORESCENT FIXTURE - RECESSED, LAY-IN		SWITCHGEAR
	FLUORESCENT FIXTURE - RECESSED, FLANGED		PANELBOARD - SURFACE MOUNTED
	FLUORESCENT FIXTURE - SURFACE		PANELBOARD - FLUSH MOUNTED
	FLUORESCENT FIXTURE - SUSPENDED		EXISTING / RELOCATED PANELBOARD - SURFACE MOUNTED
	FLUORESCENT FIXTURE - OPEN STRIP WITH WIRE GUARD		EXISTING / RELOCATED PANELBOARD - FLUSH MOUNTED
	FLUORESCENT FIXTURE - WALL MOUNTED		TRANSFORMER
	INCANDESCENT, H.I.D. OR MINI-FLUORESCENT - SURFACE OR RECESSED, PER FIXTURE SCHEDULE		ENCLOSED CIRCUIT BREAKER
	INCANDESCENT, H.I.D. OR MINI-FLUORESCENT - WALL BRACKET		FIRE ALARM EQUIPMENT
	INCANDESCENT, H.I.D. OR MINI-FLUORESCENT - WALL WASH		COMBINATION FIRE/SMOKE DAMPER
	LOW VOLTAGE INCANDESCENT FIXTURE		SHUNT TRIP STATION
	CHANDELIER (PROVIDE 5X STRUCTURAL BACKING)		CONTROL STATION AT 48" TO TOP UON (PER ADA)
	FAN (PROVIDE 5X STRUCTURAL BACKING)		RELAY
	SPOTLIGHT - J-BOX OR TRACK MOUNTED - TRACK LENGTH AS INDICATED		CONTACTOR WITH INTEGRAL HOA SELECTOR
	STEP LIGHT - SURFACE OR RECESSED, PER FIXTURE SCHEDULE		MAGNETIC STARTER, SIZE 1 UON
	BOLLARD		DISCONNECT SWITCH: 30/3 UON (FUSIBLE (FPEN), N-NONFUSIBLE)
	POLE OR POST - ARM OR TOP MOUNTED CUT-OFF LUMINAIRE		COMBINATION STARTER 4 DISCONNECT, SIZE 1 UON
	TUN-LAMP BATTERY PACK - UNSWITCHED, WALL MOUNTED (LOCATE 12" BELOW CEILING UON)		VARIABLE FREQUENCY DRIVE
	TUN-LAMP BATTERY PACK - UNSWITCHED, CEILING MOUNTED, FLUSH OR SURFACE PER FIXTURE SCHEDULE		SINGLE-PHASE MOTOR CONTROL ASSEMBLY: HP-RATED SWITCH AND POWER RELAY 20/1 (UON)
	EXIT LIGHT - FACES AND ARROWS AS INDICATED, UNIVERSAL MOUNTING, UNSWITCHED		FULL BOX - SIZE AND LOCATION AS REQUIRED
	EXIT LIGHT - COMBINATION SINGLE FACE, ARROWS AS INDICATED WITH TUN LAMP BATTERY PACK, UNIVERSAL MOUNTING, UNSWITCHED		JUNCTION BOX - SIZE PER NEC REQUIREMENTS
	EXIT LIGHT - LOW LEVEL: 6" - 8" AFF. TO BOTTOM 4" MAX. OFF DOOR FRAME		MECHANICAL EQUIPMENT DESIGNATION
	LOW VOLTAGE		MOTOR OUTLET
	NEON		LIGHTING FIXTURE DESIGNATION: TYPE FL 120 WATTS QUANTITY * 3
	FIXTURE, EQUIPMENT ON EMERGENCY		EQUIPMENT LOAD
	SWITCHES AT 48" TO TOP UON (PER ADA)		DEMAND LOAD
	SWITCH - SINGLE POLE		STANDBY LOAD
	SWITCH - DOUBLE POLE		SHEET NOTE DESIGNATION
	SWITCH - THREE WAY		FEEDER DESIGNATION (SEE FEEDER SCHEDULE)
	SWITCH - FOUR WAY		CIRCUITING IN WALL OR ABOVE CEILING
	SWITCH - OCCUPANCY TYPE		CIRCUITING IN FLOOR OR BELOW GRADE
	SWITCH - OCCUPANCY TYPE, CEILING MOUNTED		TIES * NO. OF #2 WIRES IF MORE THAN TWO; # ISOLATED GROUND WIRE
	SWITCH - EMERGENCY		HOMERUN: (4) #2, 3/4" C. TO PANEL A - CIR 135
	SWITCH - PILOT TOGGLE (CONFIRM LIGHTED POSITION)		STUB-OUT
	SWITCH - KEYED OPERATED		COPPER GROUND (SIZE PER PLANS)
	SWITCH - SLIDER TYPE ELECTRONIC DIMMER (WATTAGE RATINGS AS REQUIRED)		MOISTURE SEAL-OFF
	SWITCH - MOMENTARY CONTACT: SPDT CENTER OFF UON		30 AMP / 3 POLE (REPRESENTATIVE)
	MANUAL MOTOR STARTER - POLES AND HEATERS AS REQUIRED		ALUMINUM
	PHOTOELECTRIC SWITCH - 1500 VA UON		ABOVE FINISHED FLOOR
	SIGNAGE OUTLET CONNECTION		ABOVE FINISHED GRADE
	DEVICES AT 48" TO CENTER LINE UON (PER ADA)		AMP INTERRUPTING CURRENT
	DEVICES MOUNTED IN MULTIPLE UNDER COMMON COVER, MAXIMUM HEIGHT ON WALLS - 48" TO TOP UON (PER ADA)		AUTOMATIC TRANSFER SWITCH
	DEVICES MOUNTED IN OR ABOVE BACKSPASH, MAXIMUM HEIGHT ON WALLS - 48" TO TOP UON (PER ADA)		BACKBOARD
	DEVICES IN MULTI-COMPARTMENT FLUSH FLOOR MOUNTED UON		CONDUIT (WITH FULL CORD IF OTHERWISE EMPTY)
	RECEPTACLE - DUPLEX		COPPER
	RECEPTACLE - DUPLEX - HALF SWITCHED (TOP HALF)		EXISTING TO REMAIN
	RECEPTACLE - DUPLEX - INTEGRAL GFCI CIRCUITRY		FUSE (DUAL-ELEMENT, TIME DELAY)
	RECEPTACLE - DUPLEX - ISOLATED GROUND (ORANGE FACE) - NEMA 520R/1G		FURNISHED BY OTHERS
	RECEPTACLE - DOUBLE DUPLEX		FUSE PER EQUIPMENT NAMEPLATE
	RECEPTACLE - DOUBLE DUPLEX - INTEGRAL GFCI CIRCUITRY		GROUND FAULT CIRCUIT INTERRUPTER
	RECEPTACLE - SPECIAL TYPE (SEE ADDITIONAL NOTES)		GROUND
	RECEPTACLE(S) - CEILING MOUNTED		HAND-OFF-AUTOMATIC
	PLUG MOLD SURFACE RACEWAY SYSTEM (2-CIRCUIT WITH OUTLETS 18" O.C. UON) MOUNTED ABOVE BACKSPASH UON.		HORSEPOWER
	TELEPOWER POLE		ISOLATED GROUND
	SMOKE DETECTOR - LOCAL ONLY, 120V, W/INTEGRAL BATTERY AND ALARM HORN, WALL MOUNT AT 12" BELOW CEILING		KCHIL (300 KCHIL + 300K)
	SMOKE DETECTOR - LOCAL ONLY, 120V, W/INTEGRAL BATTERY, STROBE, AND ALARM HORN, WALL MOUNT AT 12" BELOW CEILING		NON-FUSED
	OUTLET - CLOCK		NOT IN CONTRACT
	OUTLET - TELEPHONE		NIGHT LIGHT
	OUTLET - DATA		NOT TO SCALE
	OUTLET - VOICE / DATA		EXISTING TO BE RELOCATED
	OUTLET - TELEVISION		RIGID GALVANIZED STEEL
	OUTLET - DOOR BELL/BUZZER		TRANSIENT VOLTAGE SURGE SUPPRESSION
	OUTLET - MICROPHONE		UNSWITCHED
	OUTLET - VOLUME CONTROL (48" TO TOP UON)		UNINTERRUPTIBLE POWER SUPPLY
	OUTLET - SPEAKER 8" COAXIAL W/ BACK BOX AND GRILLE		UNLESS OTHERWISE NOTED
	OUTLET - THERMOSTAT (REF. MECHANICAL DRAWINGS)		WEATHER PROOF (NEMA 3R)
	TV / SECURITY CAMERA - FIXED (MOUNTING PER PLANS)		EXISTING TO BE REMOVED
	TV / SECURITY CAMERA - PTZ - PAN, TILT, ZOOM (MOUNTING PER PLANS)		TRANSFORMER

DESIGN BUILD FIRE ALARM SYSTEM NOTES

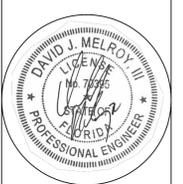
- IN ADDITION TO SPECIFICATIONS NOTE #8, THE FOLLOWING ITEMS SHALL BE INSTALLED OR RELOCATED COMPLETE:
- ALL MONITORING, DEVICES, WIRING, TESTING, ETC., FOR ALL DUCT DETECTORS.
 - LIFE SAFETY DEVICES SUCH AS FIRE ALARM PULL STATIONS, HORN STROBES, ETC.
 - ALL DETECTOR POWER SHALL BE HARWIRED INTO HOUSE PANEL.
 - ALL DETECTOR MONITORING SHALL BE ON HOUSE MONITORING PANEL.
 - DETECTORS SHALL BE "SMOKE" TESTED FOR BUILDING INSPECTIONS PER LOCAL JURISDICTION HAVING AUTHORITY OR HVAC UNITS SHALL BE HOT WIRED FOR DETECTOR INSPECTIONS. INCLUDE ALL ASSOCIATED COSTS.
 - INCLUDE ALL CONDUIT, WIRE, CONNECTIONS, ETC., TO FIRE RISER ALARM PANEL.
 - WHERE APPLICABLE, INCLUDE ALL CONDUIT, WIRE, CONNECTIONS, ETC., TO PIV VALVES. COORDINATE WITH SITE UTILITIES CONTRACTOR FOR COMPLETE SCOPE OF THIS WORK.
 - WHERE APPLICABLE, INCLUDE ALL CONDUIT, WIRE, CONNECTIONS, ETC., TO DCDM ALARM POINTS. COORDINATE WITH SITE UTILITIES CONTRACTOR FOR COMPLETE SCOPE OF THIS WORK.
 - CONTRACTOR MUST TAKE ALL PRECAUTIONS TO PROTECT SPRAYED ON FIREPROOFING. FURTHERMORE, CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF THE SAME IF DAMAGED OR REMOVED DURING CONSTRUCTION.
 - THERE SHALL NOT BE ANY CONNECTION TO THE DEPARTMENT OF AVIATION ENCS/LIFE SAFETY OR SPRINKLER SYSTEMS WITHOUT PRIOR WRITTEN APPROVAL FROM AN AUTHORIZED DOA REPRESENTATIVE.

DRAWING INDEX

SHEET NUMBER	SHEET TITLE	PERMIT ISSUE DATE: 08-02-2016	ADDPENDING 3 DATE: 03-02-2016			
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E01	SINGLE LINE DIAGRAM	●				
E02	PANEL SCHEDULES	●	●			
E03	LIGHTING FIXTURE SCHEDULE	●				
E04	LIGHTING COMPLIANCE CERTIFICATE	●				
ED20	ELECTRICAL DEMOLITION PLAN	●				
E20	POWER PLAN	●	●			
E21	SIGNAL PLAN	●	●			
E22	LIGHTING PLAN	●	●			
E23	ELECTRICAL ROOF PLAN	●	●			
TOTAL		10	6			

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 OFFICE DEPOT PLAZA, SUITE B-5
 LAKE WORTH, PALM BEACH COUNTY, FL 33463



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proj. no. 16-002
 date: 08-02-2016
 project architect: B.A.
 project manager: A.D.
 drawn by: MSA
 file name: LAKEWORTH
 revised: 3/10/2016
 plot scale: AS NOTED
 sheet name:
 SYMBOL LIST AND
 GENERAL NOTES



LIGHTING CONTROL PANEL 'LCP1' SCHEDULE					PANEL: 16 RELAYS
RELAY NUMBER	PANEL CIRCUIT	RELAY VOLTAGE	CONTROL ZONE	LOAD LOCATION/DESCRIPTION	
R1	L1-2	120V		DONOR FLOOR LIGHTING	
R2	L1-4	120V		DONOR FLOOR LIGHTING	
R3	L1-6	120V		DONOR FLOOR LIGHTING	
R4	L1-8	120V		DONOR FLOOR LIGHTING	
R5	L1-10	120V		RESTROOM / VITALS LIGHTING	
R6	L1-12	120V		WAITING LIGHTING	
R7	L1-14	120V		WAITING / ENTRY LIGHTING	
R8	L1-16	120V		STERILE SUPPLIES LIGHTING	
R9	L1-18	120V		BOH CORRIDOR LIGHTING	
R10	L1-20	120V		PLASMA PROC / OFFICE LIGHTING	
R11	L1-22	120V		BREAK ROOM / EXAM LIGHTING	
R12	L1-24	120V		CONF / RR LIGHTING	
R13		120V		SPARE	
R14		120V		SPARE	
R15		120V		SPARE	
R16		120V		SPARE	

LIGHTING CONTROL PANEL 'LCP2' SCHEDULE					PANEL: 16 RELAYS
RELAY NUMBER	PANEL CIRCUIT	RELAY VOLTAGE	CONTROL ZONE	LOAD LOCATION/DESCRIPTION	
R17	L1-26	120V		EXTERIOR LIGHTING	
R18	M1-29	120V		EF-1	
R19	M1-31	120V		EF-2	
R20	M1-33	120V		EF-3	
R21		120V		SPARE	
R22		120V		SPARE	
R23		120V		SPARE	
R24		120V		SPARE	
R25		120V		SPARE	
R26		120V		SPARE	
R27		120V		SPARE	
R28		120V		SPARE	
R29		120V		SPARE	
R30		120V		SPARE	
R31		120V		SPARE	
R32		120V		SPARE	

NEMA RATING: 1										
TYPE	DESCRIPTION	LOAD	BREAKER	OXT	OXT	BREAKER	LOAD	DESCRIPTION	TYPE	
	DONOR MACHINE RECEPTACLES	1500	20/1	1	2	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	3	4	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	5	6	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	7	8	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	9	10	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	11	12	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	13	14	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	15	16	20/1	360	DONOR FLOOR MAINTENANCE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	17	18	20/1	360	DONOR FLOOR TV RECEPTACLES		
	RECEPTION RECEPTACLES	120	20/1	19	20	20/1	900	DONOR FLOOR TV RECEPTACLES		
	RECEPTION RECEPTACLES	120	20/1	21	22	20/1	900	DONOR FLOOR TV RECEPTACLES		
	RECEPTION RECEPTACLES	120	20/1	23	24	20/1	1000	REPAIR RECEPTACLES		
	RECEPTION RECEPTACLES	120	20/1	25	26	20/1	360	JANITOR / REPAIR RECEPTACLES		
	RECEPTION RECEPTACLES	120	20/1	27	28	20/1		SPARE		
	RECEPTION RECEPTACLES	120	20/1	29	30	20/1		SPARE		
	RECEPTION RECEPTACLES	120	20/1	31	32	20/1		SPARE		
	RECEPTION RECEPTACLES	120	20/1	33	34	20/1		SPARE		
	RECEPTION RECEPTACLES	540	20/1	35	36	20/1		SPARE		
	RECEPTION RECEPTACLES	120	20/1	37	38	20/1		SPARE		
	SPARE		20/1	39	40	20/1		SPARE		
	SPARE		20/1	41	42	20/1		SPARE		

VOLTS: 208 / 120V, 3ø, 4W
 AMPS: 100A 225A 400A
 MAIN: MCB MLO
 LUGS: DEL LUGS FEED-THRU
 MTD: SURFACE FLUSH
 BUSS: COPPER ALUMINUM
 DOOR: DOOR IN DOOR STANDARD

NEUTRAL BUS: 100% 200%
 GROUND BUS: STANDARD ISOLATED
 AIC RATING: 10K 14K 22K 35K

TOTAL LOAD: 34 KVA (95 A)

NEMA RATING: 1										
TYPE	DESCRIPTION	LOAD	BREAKER	OXT	OXT	BREAKER	LOAD	DESCRIPTION	TYPE	
	VENDING RECEPTACLE	1200	20/1	1	2	30/1	2200	IT UPS RECEPTACLE		
	VENDING RECEPTACLE	1500	20/1	3	4	30/1	2200	IT UPS RECEPTACLE		
	HAND DRYER	1500	20/1	5	6	30/1	1200	TBB RECEPTACLE		
	HAND DRYER	1500	20/1	7	8	30/1	1200	TBB RECEPTACLE		
	EUC RECEPTACLE	600	20/1	9	10	20/1	400	FA PANEL		
	HAND DRYER	1500	20/1	11	12	20/1	1000	FLASMA PROCESSING RECEPTACLES		
	HAND DRYER	1500	20/1	13	14	20/1	1200	FLASMA PROCESSING RECEPTACLES		
	RR RECEPTACLES	360	20/1	15	16	20/1	1000	FLASMA PROCESSING RECEPTACLES		
	MAINTENANCE/TV RECEPTACLES	660	20/1	17	18	20/1	540	FLASMA PROCESSING RECEPTACLES		
	KIOSK RECEPTACLES	900	20/1	19	20	20/1	540	FLASMA PROCESSING RECEPTACLES		
	KIOSK RECEPTACLES	900	20/1	21	22	20/1	1000	MAINTENANCE RECEPTACLES		
	SPARE		20/1	23	24	20/1	1440	FLASMA PROCESSING RECEPTACLES		
	SPARE		20/1	25	26	20/1	360	CONFERENCE RECEPTACLES		
	SPARE		20/1	27	28	20/1	1000	CONFERENCE RECEPTACLES		
	SPARE		20/1	29	30	20/1	1000	CONFERENCE RECEPTACLES		
	SPARE		20/1	31	32	20/1	120	OFFICE RECEPTACLES		
	SPARE		20/1	33	34	20/1	120	OFFICE RECEPTACLES		
	SPARE		20/1	35	36	20/1	120	OFFICE RECEPTACLES		
	SPARE		20/1	37	38	20/1	1000	RESTROOM RECEPTACLES		
	SPARE		20/1	39	40	20/1	360	SPARE		
	SPARE		20/1	41	42	20/1		SPARE		

VOLTS: 208 / 120V, 3ø, 4W
 AMPS: 100A 225A 400A
 MAIN: MCB MLO
 LUGS: DEL LUGS FEED-THRU
 MTD: SURFACE FLUSH
 BUSS: COPPER ALUMINUM
 DOOR: DOOR IN DOOR STANDARD

NEUTRAL BUS: 100% 200%
 GROUND BUS: STANDARD ISOLATED
 AIC RATING: 10K 14K 22K 35K

TOTAL LOAD: 33 KVA (92 A)

NEMA RATING: 1										
TYPE	DESCRIPTION	LOAD	BREAKER	OXT	OXT	BREAKER	LOAD	DESCRIPTION	TYPE	
	FZCU-1 / FZEU-1	15130	60	1	2	20/1	500	FREEZER LIGHTS		
			60	3	4	20/1	500	FREEZER LIGHTS		
			60	5	6	20/1	500	FREEZER LIGHTS		
			60	7	8	20/1	500	FREEZER THERMOSTAT		
	FZCU-2 / FZEU-2	4330	30	9	10	20/1	500	FREEZER TEMPERATURE MONITORING		
			60	11	12	20/1	500	FAN		
	FZCU-3 / FZEU-3	15130	13	13	14	20/1	500	FAN		
			3	15	16	20/1		SPARE		
			1000	17	18	20/1		SPARE		
			1000	19	20	20/1		SPARE		
	DRAIN HEATERS	1000	20/1	21	22	20/1		SPARE		
	DRAIN HEATERS	1000	20/1	23	24	20/1		SPARE		
	SPARE		20/1	25	26	20/1		SPARE		
	SPARE		20/1	27	28	20/1		SPARE		
	SPARE		20/1	29	30	20/1		SPARE		
	SPARE		20/1	31	32	20/1		SPARE		
	SPARE		20/1	33	34	20/1		SPARE		
	SPARE		20/1	35	36	20/1		SPARE		
	SPARE		20/1	37	38	20/1		SPARE		
	SPARE		20/1	39	40	20/1		SPARE		
	SPARE		20/1	41	42	20/1		SPARE		

VOLTS: 208 / 120V, 3ø, 4W
 AMPS: 100A 225A 400A
 MAIN: MCB MLO
 LUGS: DEL LUGS FEED-THRU
 MTD: SURFACE FLUSH
 BUSS: COPPER ALUMINUM
 DOOR: DOOR IN DOOR STANDARD

NEUTRAL BUS: 100% 200%
 GROUND BUS: STANDARD ISOLATED
 AIC RATING: 10K 14K 22K 35K

TOTAL LOAD: 41 KVA (114 A)

NEMA RATING: 1										
TYPE	DESCRIPTION	LOAD	BREAKER	OXT	OXT	BREAKER	LOAD	DESCRIPTION	TYPE	
	RTU-1	13000	50	1	2	40	9910	RTU-5		
			3	3	4	3				
			45	7	8	3				
	RTU-2	10800	60	9	10	3	9910	RTU-6		
			3	11	12	3				
			60	13	14	35				
	RTU-3	13840	3	17	18	3	8500	RTU-7		
			60	19	20	30/1	1440	ROOF MAINTENANCE RECEPTACLES		
	RTU-4	13840	3	23	24	35	8500	RTU-8		
			3	25	26	3				
	FC-1 / CU-1	2810	20	27	28	20/1				
			20	29	30	20/1				
	EF-1	410	20/1	31	32	20/1		SPARE		
	EF-2	410	20/1	33	34	20/1		SPARE		
	EF-3	410	20/1	35	36	20/1		SPARE		
	SPARE		20/1	37	38	40				
	SPARE		20/1	39	40		11000	WH-1		
	SPARE		20/1	41	42	3				

VOLTS: 208 / 120V, 3ø, 4W
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 MAIN: MCB MLO
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 MTD: SURFACE FLUSH
 BUSS: COPPER ALUMINUM
 DOOR: DOOR IN DOOR STANDARD

NEUTRAL BUS: 100% 200%
 GROUND BUS: STANDARD ISOLATED
 AIC RATING: 10K 14K 22K 35K

TOTAL LOAD: 100 KVA (271 A)

NEMA RATING: 1										
TYPE	DESCRIPTION	LOAD	BREAKER	OXT	OXT	BREAKER	LOAD	DESCRIPTION	TYPE	
	OFFICE RECEPTACLES	120	20/1	1	2	20/1	1440	DONOR FLOOR LIGHTING		
	OFFICE RECEPTACLES	120	20/1	3	4	20/1	1440	DONOR FLOOR LIGHTING		
	OFFICE RECEPTACLES	120	20/1	5	6	20/1	1200	DONOR FLOOR LIGHTING		
	OFFICE RECEPTACLES	120	20/1	7	8	20/1	1200	DONOR FLOOR LIGHTING		
	OFFICE RECEPTACLES	120	20/1	9	10	20/1	960	RESTROOM/VITALS LIGHTING		
	OFFICE RECEPTACLES	120	20/1	11	12	20/1	1200	WAITING LIGHTING		
	OFFICE RECEPTACLES	120	20/1	13	14	20/1	800	WAITING/ENTRY LIGHTING		
	OFFICE RECEPTACLES	120	20/1	15	16	20/1	1120	STERILE SUPPLIES LIGHTING		
	OFFICE RECEPTACLES	120	20/1	17	18	20/1	1200	BOH CORRIDOR LIGHTING		
	OFFICE RECEPTACLES	1000	20/1	19	20	20/1	960	PLASMA PROC/OFFICE LIGHTING		
	EXAM RECEPTACLES	900	20/1	21	22	20/1	1200	BREAK ROOM/EXAM LIGHTING		
	EXAM RECEPTACLES	900	20/1	23	24	20/1	800	CONF/RR LIGHTING		
	EXAM RECEPTACLES	900	20/1	25	26	20/1	200	EXTERIOR LIGHTING		
	REFRIGERATOR RECEPTACLE	1200	20/1	27	28	20/1	540	RECEPTION RECEPTACLES		
	REFRIGERATOR RECEPTACLE	1200	20/1	29	30	20/1	540	RECEPTION RECEPTACLES		
	MICROWAVE RECEPTACLE	1200	20/1	31	32	20/1	1000	RECEPTION RECEPTACLES		
	MICROWAVE RECEPTACLE	1200	20/1	33	34	20/1	1500	COPIER RECEPTACLE		
	BREAK COUNTER RECEPTACLE	180	20/1	35	36	20/1	800	FUTURE OFFICE SPACE LIGHTING		
	BREAK COUNTER RECEPTACLE	180	20/1	37	38	20/1		SPARE		
	BREAK COUNTER RECEPTACLE	180	20/1	39	40	20/1		SPARE		
	DISHWASHER RECEPTACLE	1200	20/1	41	42	20/1		SPARE		

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 DOOR: DOOR IN DOOR STANDARD

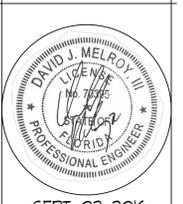
NEUTRAL BUS: 100% 200%
 GROUND BUS: STANDARD ISOLATED
 AIC RATING: 10K 14K 22K 35K

TOTAL LOAD: 35 KVA (90 A)

SHEET NOTES:
 1 ROUTE CIRCUIT THROUGH LIGHTING CONTROL PANEL 'LCP1'.
 2 ROUTE CIRCUIT THROUGH LIGHTING CONTROL PANEL 'LCP2'.

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INTERIOR TENANT IMPROVEMENT FOR:
 IMMUNOTEK BIO CENTERS, LLC
 4550 LAKE WORTH ROAD
 OFFICE DEPOT PLAZA, SUITE B-5
 LAKE WORTH, PALM BEACH COUNTY, FL 33463



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proj. no. 16-002
 date: 08-02-2016
 project architect: B.A.
 project manager: A.D.<

LOW VOLTAGE REQUIREMENTS

CONTRACTORS RESPONSIBILITIES:

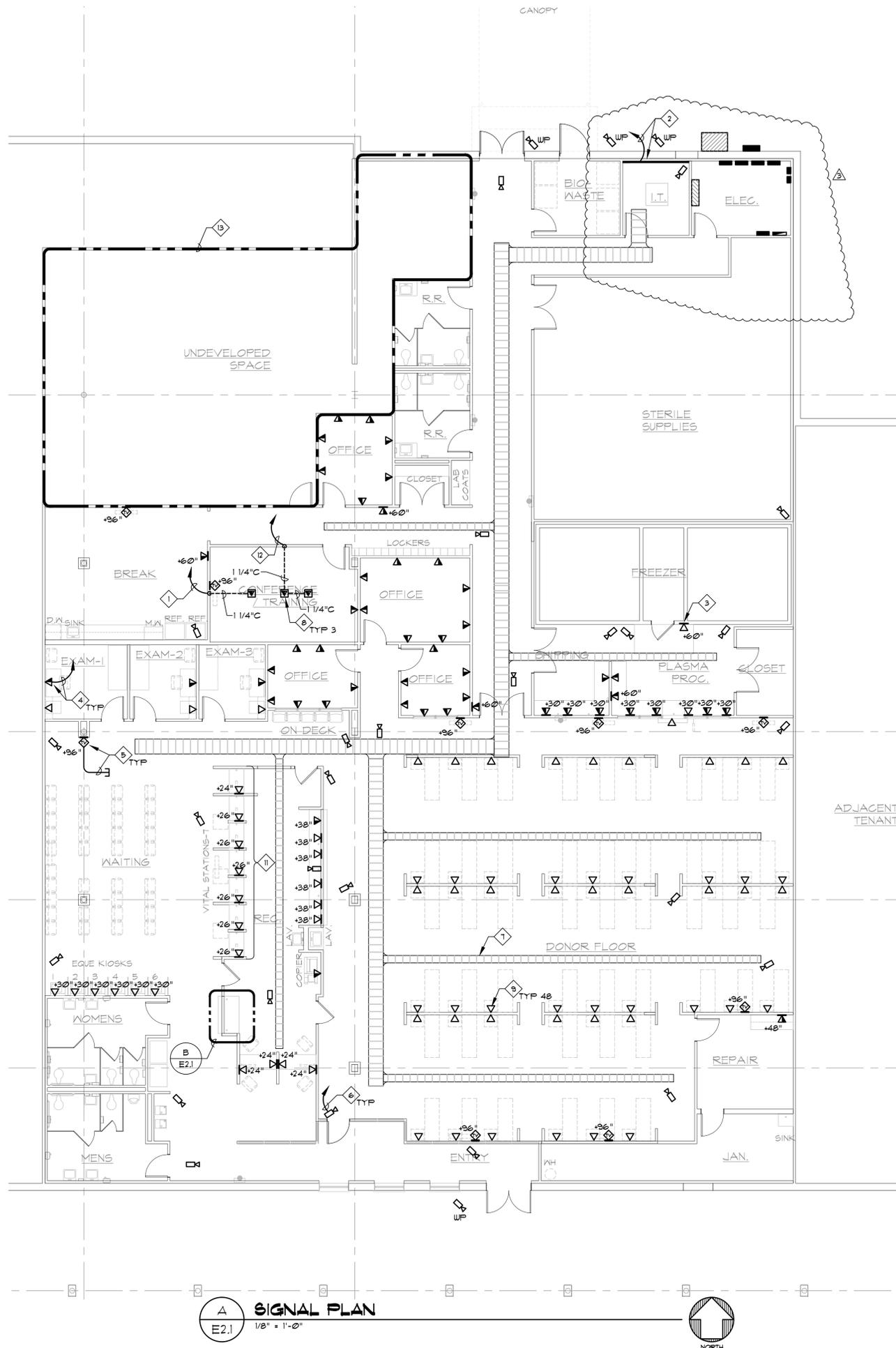
1. PROVIDE AND INSTALL CABLE TRAY, CONDUIT AND JUNCTION BOXES IN WALLS AND ABOVE/BELOW COUNTERS FOR NETWORK DROPS.
2. PROVIDE CONDUIT IN WALLS FROM THE JUNCTION BOX TO ABOVE THE WALL FOR EACH. WHERE CEILING IS PLENUM RATED, PROVIDE CONTINUOUS CONDUIT FOR A WIRING WITHIN CEILING.
3. CONDUIT STUBBED ABOVE THE CEILING SHALL RECEIVE A PLASTIC RING TO PREVENT DAMAGE TO WIRING DUE TO RUBBING THE CUT END OF THE CONDUIT.
4. ALL LOW VOLTAGE CABLES ARE TO BE ROUTED WITHIN THE LOW VOLTAGE CABLE TRAYS TO THE MAXIMUM EXTENT POSSIBLE.
5. PROVIDE AND INSTALL FULLY MONITORED AND CODE APPROVED FIRE ALARM SYSTEM. THE CONTRACTOR IS RESPONSIBLE FOR HIRING A STATE LICENSED FIRE ALARM SYSTEM COMPANY FOR DESIGN AND INSTALLING THE COMPLETE SYSTEM. THE DESIGN AND SUBMITTALS FOR THIS SYSTEM SHALL BE PROVIDED BY THE CONTRACTORS LICENSED FIRE ALARM COMPANY AND SUBMITTED TO ANY AND ALL STATE AND OR LOCAL AGENCIES AS REQUIRED FOR REVIEW AND APPROVAL. A COPY OF THE SUBMITTAL SHALL ALSO BE SUBMITTED TO THE ARCHITECT FOR REVIEW PRIOR TO SUBMITTING TO CODES FOR REVIEW.

OWNER RESPONSIBILITIES:

1. PROVIDE AND INSTALL RAW CABLING FOR DATA (CAT6), VOICE (CAT6), CATV, SURVEILLANCE CAMERAS, DETECTION AND BURGLARY ALARM SYSTEMS. FACEPLATES FOR VOICE/DATA, BLANK WALL PLATE INSERTS AND CAT6 WALL PLATE INSERTS SHALL BE PROVIDED AND INSTALLED BY TENANT.
2. TERMINATE ALL ETHERNET CAT6 CABLE RUNS AT BOTH WORKSTATIONS AND PATCH PANELS ENDS.
3. TERMINATE CATV CABLES.
4. PROVIDE AND INSTALL TV SETS AND DVD PLAYERS.
5. TEST CATV AND MOVIE PLAYER SYSTEM.
6. TERMINATE CCTV CAMERA CABLES, INSTALL CAMERAS, CAMERA POWER AND DVR.
7. PROVIDE AND INSTALL ALL VIDEO SURVEILLANCE CAMERAS, MOUNTS, RECORDER AND DISPLAY.
8. PROVIDE AND INSTALL ACCESS ALARM SYSTEM THAT MEET ALL CODE REQUIREMENTS.
9. PROVIDE AND INSTALL FREEZER TEMPERATURE SENSOR, MONITORS AND ALARMS.
10. PROVIDE AND INSTALL ALL COMPUTERS, PRINTERS, TIME CLOCKS AND OTHER USER EQUIPMENT.
11. PROVIDE AND INSTALL RAW CABLING FOR DATA (CAT 6), VOICE (CAT 6), CATV, SURVEILLANCE CAMERAS, DETECTION AND BURGLARY ALARM SYSTEMS.

OWNER RESPONSIBILITIES FOR NETWORK RACK INSTALLATION: (OWNER TO PROVIDE AND INSTALL)

1. ENCLOSED 19" EQUIPMENT CABINET AND ACCESSORIES.
2. FLOOR BOLTS AND BOLTING OF RACK TO FLOOR.
3. SWITCH METERED PDU WITH ATS.
4. 24 AND 48 PORT PATCH PANELS.
5. 3.5" DIAMETER PVC PACK-TOP CONDUIT (STOVE PIPE).
6. RACK MOUNT UPS.
7. UPS NETWORK MANAGEMENT CARD WITH TEMP SENSOR.
8. PATCH CABLES FOR RACK AND WORKSTATION.
9. CENTRAL TELEPHONE SYSTEM (PBX) AND ACCESSORIES.
10. VIDEO SURVEILLANCE SYSTEM (DVR) AND ACCESSORIES.



A SIGNAL PLAN
E2.1 1/8" = 1'-0"

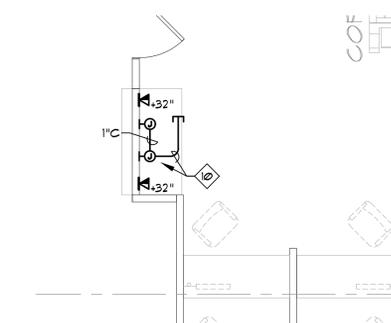
GENERAL NOTES:

1. VERIFY LOCATION OF ALL DEVICES WITH ARCHITECT/OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
2. ALL VOICE/DATA CABLES SHALL BE CATEGORY 6. CABLES INSTALLED BY OWNER.
3. THE CONTRACTOR SHALL INSTALL JUNCTION BOXES, RINGS AND CONDUITS FROM OUTLET JUNCTION BOX TO CABLE TRAY. PROVIDE NYLON BUSHING AT CONDUIT END. CONDUITS SHALL BE SIZED APPROPRIATELY TO FACILITATE QUANTITY OF CABLES AS DETERMINED BY THE OWNER'S REPRESENTATIVE.
4. THE OWNER SHALL UTILIZE CABLE TRAY TO ROUTE ALL CABLES FROM THE DEVICE TO THE RACK/TELEPHONE BACKBOARD.
5. THE CONTRACTOR SHALL VERIFY ADDITIONAL REQUIREMENTS WITH THE OWNER'S IT. STANDARD'S PRIOR TO SUBMITTING BID.
6. CABLE TRAY MAIN TRUNKS SHALL BE 12" WIDE. BRANCH TRUNKS SHALL BE 6" WIDE. SUBMIT CABLE TRAY FOR REVIEW.
7. DONOR FLOOR KNEE WALLS AND CONTROL AREA CONDUITS. ROUTE 1" CONDUIT MAXIMUM FOR (6) CAT 6 CABLES OR 3/4" CONDUIT WITH (4) CAT 6 CABLES. CABLE QUANTITY BY OWNER.
8. LOW VOLTAGE DEVICES AND FACEPLATE COLORS SHALL MATCH POWER DEVICE AND FACEPLATE COVERS. PROVIDE WHITE FACEPLATES.
9. ALL DEVICES AND FACEPLATES SHALL BE WHITE. THE CONTRACTOR SHALL COORDINATE BETWEEN ELECTRICAL AND LOW VOLTAGE TRADES TO ENSURE THAT POWER AND LOW VOLTAGE DEVICE AND FACEPLATES MATCH. PROVIDE SAMPLES TO TENANT FOR FINAL COLOR SELECTION.

SHEET NOTES:

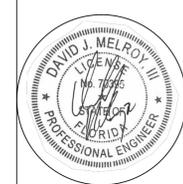
1. ROUTE 1 1/4" CONDUIT UP WALL TO CEILING SPACE ABOVE TV LOCATION.
2. PROVIDE 8 1/4" X 3/4" X LENGTH AS INDICATED FIRE-RATED PLYWOOD BACKBOARD WITH 3/4" - 1# CU TO MAIN SERVICE PANEL GROUND BUS. ROUTE (2) 2" CONDUITS TO UTILITY COMPANY SERVICE ENTRANCE. VERIFY ADDITIONAL REQUIREMENTS WITH PHONE COMPANY PRIOR TO ROUGH-IN.
3. PROVIDE DATA OUTLET FOR FREEZER TEMPERATURE MONITORING EQUIPMENT. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
4. 3/4" CONDUIT STUB FROM VOICE/DATA OUTLET JUNCTION BOX TO CABLE TRAY. PROVIDE (1) CAT 6 CABLE FOR A SINGLE DATA OUTLET.
5. 3/4" CONDUIT STUB FROM MATV OUTLET TO CABLE TRAY. ROUTE PLENUM RATED RG6 COAX CABLE TO 'TBB' VIA CABLE TRAY. LEAVE 10' OF BLACK CABLE AT TELE ROOM FOR TERMINATION BY OTHERS.
6. ROUTE (1) PLENUM RATED CAT 6 CABLE FROM IP CAMERA TO DATA RACK IN DATA ROOM VIA CABLE TRAY.
7. SUGGESTED BASKET TRAY ROUTING. THE CONTRACTOR SHALL FIELD VERIFY ROUTING WITH THE OWNER'S LOW VOLTAGE CONTRACTOR.
8. DEVICE IS MOUNTED IN A MULTI-COMPARTMENT FLUSH FLOOR STYLE FLOOR BOX. REFER TO E2.0 FOR ADDITIONAL INFORMATION. COORDINATE COVER PLATE STYLE WITH THE INSTALLED FLOOR COVERING TO PROVIDE A FLUSH FLOOR INSTALLATION.
9. PROVIDE 48 JUNCTION BOX WITH SINGLE GANG MUD RING ADJACENT POWER RECEPTACLE FOR PLASMA MACHINE. PROVIDE 3/4" CONDUIT STUBBED FROM JUNCTION BOX TO CABLE TRAY. ROUTE (2) CAT 6 PLENUM RATED CABLES TO DATA RACK VIA CABLE TRAY.
10. PROVIDE 48 JUNCTION BOX MOUNTED BELOW RECEPTION AREA FOR TV CONTROL. VERIFY EXACT MOUNTING LOCATION WITH IMMUNOTEK IT EQUIPMENT INSTALLER. ROUTE 1 1/4" CONDUIT WITH BUSHING TO ABOVE ACCESSIBLE CEILING. PROVIDE ANOTHER 48 JUNCTION BOX ADJACENT TV CONTROL JUNCTION BOX WITH 1" CONDUIT BETWEEN.
11. DEVICES MOUNTED IN MILLWORK. COORDINATE DEVICE LOCATION, CONDUIT ENTRY ETC. WITH THE MILLWORK SHOP DRAWINGS.
12. ROUTE 1 1/4" CONDUIT UP WALL TO CABLE TRAY.
13. AREA NOT IN SCOPE OF WORK.

B ENLARGED SIGNAL PLAN
E2.1 1/4" = 1'-0"



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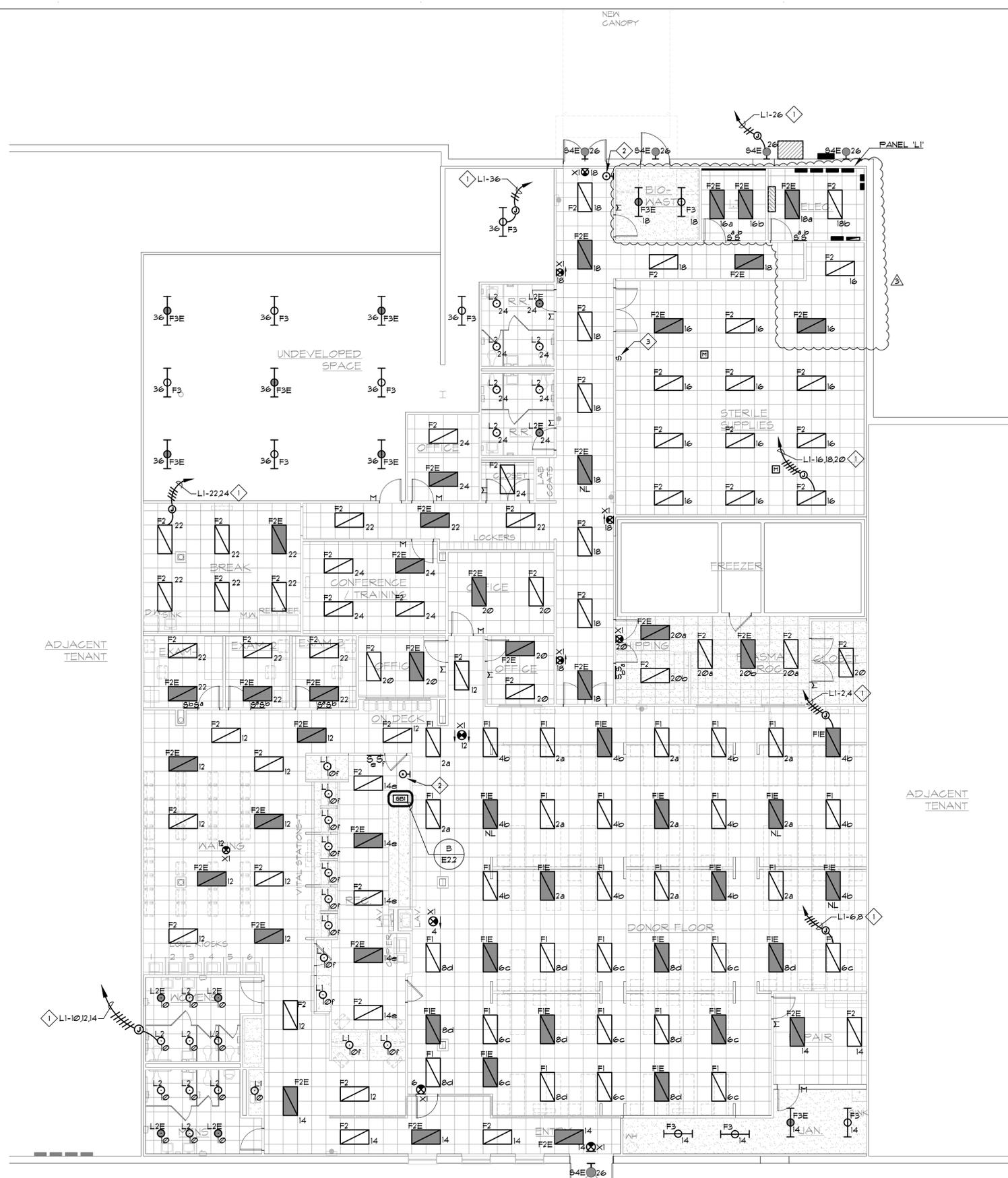


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project architect: B.A.
project manager: A.D.
drawn by: MSA
file name: LAKEWORTH
revised: 3/14/2016
plot scale: AS NOTED
sheet name:
SIGNAL PLAN

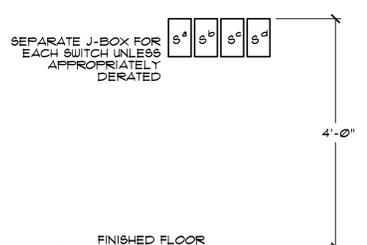
sheet no.
E2.1
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- GENERAL NOTES:**
1. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT MOUNTING LOCATION OF ALL DEVICES PRIOR TO ROUGH-IN.
 2. ALL LIGHT FIXTURES SCHEDULED WITH A BATTERY PACK OR DESIGNATED 'NL' SHALL BE CIRCUITED WITH AN UN-SWITCHED HOT CONDUCTOR.
 3. ALL MOTION DETECTORS/OCCUPANCY SENSORS SHALL BE INFRARED/MICROPHONIC DUAL TECHNOLOGY TYPE.
 4. THE CONTRACTOR SHALL COORDINATE DEVICE AND FACEPLATE COLORS/STYLE WITH THE ARCHITECT PRIOR TO INSTALLATION.
 5. ALL LIGHTING CIRCUITS SHALL BE ROUTED THROUGH LIGHTING CONTROL PANELS AS SCHEDULED ON SHEET E02. LIGHTING CONTROL PANEL SHALL OVERRIDE ALL LOCAL SWITCHING INDICATED ON THIS PLAN.

- SHEET NOTES:**
1. EXTEND AND CONNECT CIRCUITING FROM JUNCTION BOX TO OUTLETS IN AREA WITH SAME CIRCUIT NUMBERS, ROUTE #2 CONDUCTORS (MINIMUM) THROUGHOUT, UNLESS NOTED OTHERWISE.
 2. LIGHTING CONTROL PANEL OVERRIDE SWITCH. VERIFY EXACT MOUNTING LOCATION WITH END USER.
 3. PROVIDE MANUAL CONTROL OF CEILING MOUNTED OCCUPANCY SENSORS. PROVIDE ALL POWER AND CONTROL CONDUITS AND CONDUCTORS AS REQUIRED.
 4. AREA NO IN SCOPE OF WORK.



B SBI - DONOR FLOOR SWITCH BANK DIAGRAM
E2.2 NTS

A LIGHTING PLAN
E2.2 1/8" = 1'-0"
NORTH

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INTERIOR TENANT IMPROVEMENT FOR:
IMMUNOTEK BIO CENTERS, LLC
4550 LAKE NORTH ROAD
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LAKE WORTH, PALM BEACH COUNTY, FL 33463



SEPT. 02, 2016
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date: 08-02-2016
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project manager: A.D.
drawn by: MSA
file name: LAKEWORTH
revised: 3/14/2016
plot scale: AS NOTED
sheet name: LIGHTING PLAN

sheet no. E2.2



MECHANICAL/PLUMBING SYMBOL LIST

NOTE: THIS IS A MASTER SCHEDULE. NOT ALL SYMBOLS CONTAINED HEREIN MAY APPEAR ON THE DRAWINGS.

<p>---00-00--- ITEM TO BE REMOVED</p> <p> POINT OF CONNECTION/DISCONNECTION</p> <p> SHEET NOTE</p> <p> REVISION NUMBER</p> <p> EQUIPMENT MARK</p> <p> DIFFUSER TAG</p> <p> ACCESS PANEL</p> <p> SUPPLY AIR DUCT UP/DOWN</p> <p> RETURN AIR DUCT UP/DOWN</p> <p> EXHAUST AIR DUCT UP/DOWN</p> <p> RETURN GRILLE</p> <p> EXHAUST GRILLE</p> <p> 4-WAY BLOW SUPPLY DIFFUSER</p> <p> 3-WAY BLOW SUPPLY DIFFUSER</p> <p> 2-WAY BLOW SUPPLY DIFFUSER</p> <p> 1-WAY BLOW SUPPLY DIFFUSER</p> <p> AIRFLOW DIRECTION</p> <p> ROUND DUCTWORK</p> <p> RECTANGULAR DUCTWORK</p> <p> ROUND FLEXIBLE DUCT</p> <p> SQUARE TO ROUND TRANSITION</p> <p> SINGLE LINE RIGID DUCT</p> <p> SINGLE LINE RIGID DUCT (ACOUSTICALLY LINED)</p> <p> DOUBLE LINE RIGID DUCT</p> <p> DOUBLE LINE RIGID DUCT (ACOUSTICALLY LINED)</p> <p> EXISTING DUCTWORK</p> <p> FIRE DAMPER</p> <p> SMOKE DAMPER</p> <p> FIRE/SMOKE DAMPER</p> <p> MOTORIZED DAMPER (OPPOSED BLADE TYPE)</p> <p> MOTORIZED DAMPER (PARALLEL BLADE TYPE)</p> <p> BACKDRAFT DAMPER</p> <p> MANUAL VOLUME DAMPER</p> <p> REMOTE VOLUME DAMPER</p> <p> SMOKE DETECTOR</p> <p> THERMOSTAT</p> <p> HUMIDISTAT</p> <p> SENSOR</p> <p> CARBON DIOXIDE SENSOR</p> <p> CARBON MONOXIDE SENSOR</p> <p> DOOR UNDERCUT</p> <p> CLEAN OUT</p> <p> WALL CLEAN OUT</p> <p> FLOOR CLEAN OUT</p> <p> GRADE CLEAN OUT</p> <p> FLOOR DRAIN</p> <p> FLOOR SINK</p> <p> FLOOR SINK W/ GRATE</p> <p> ROOF DRAIN</p> <p> OVERFLOW ROOF DRAIN</p> <p> VENT THRU ROOF</p> <p> FLOW SWITCH</p> <p> GAS REGULATOR</p> <p> GAS METER</p> <p> WATER METER</p> <p> WATER HAMMER ARRESTOR</p> <p> SHUT-OFF VALVE IN IRRIGATION BOX</p> <p> BACKFLOW PREVENTION STATION</p> <p> HOSE BIBB</p> <p> CHILLED WATER RETURN PIPING</p> <p> CHILLED WATER SUPPLY PIPING</p> <p> CONDENSER WATER RETURN PIPING</p> <p> CONDENSER WATER SUPPLY PIPING</p>	<p> HEATING WATER RETURN PIPING</p> <p> HEATING WATER SUPPLY PIPING</p> <p> REFRIGERANT LIQUID PIPING</p> <p> REFRIGERANT SUCTION PIPING</p> <p> COMPRESSED AIR LINES</p> <p> CONDENSATE DRAIN PIPING</p> <p> PUMPED CONDENSATE DRAIN PIPING</p> <p> DRAIN PIPING</p> <p> COLD WATER PIPING</p> <p> INDUSTRIAL COLD WATER PIPING</p> <p> INDUSTRIAL SOFTENED COLD WATER PIPING</p> <p> SOFTENED COLD WATER PIPING</p> <p> FIRE PROTECTION PIPING</p> <p> HIGH PRESSURE GAS PIPING</p> <p> LOW PRESSURE GAS PIPING</p> <p> MEDIUM PRESSURE GAS PIPING</p> <p> GAS VENT PIPING</p> <p> HOT WATER PIPING</p> <p> 140° HOT WATER PIPING</p> <p> HOT WATER RETURN PIPING</p> <p> TEMPERED WATER PIPING</p> <p> OVERFLOW ROOF DRAIN PIPING</p> <p> ROOF DRAIN PIPING</p> <p> ACID VENT PIPING</p> <p> ABOVE GROUND ACID WASTE PIPING</p> <p> UNDERGROUND ACID WASTE PIPING</p> <p> VENT PIPING</p> <p> ABOVE GROUND WASTE PIPING</p> <p> UNDERGROUND WASTE PIPING</p> <p> ABOVE GROUND GREASE WASTE PIPING</p> <p> UNDERGROUND GREASE WASTE PIPING</p> <p> ABOVE GROUND GREASE WASTE PIPING WHEAT TRACE</p> <p> UNDERGROUND GREASE WASTE PIPING WHEAT TRACE</p> <p> CIRCUIT SETTER</p> <p> 2-WAY ELECTRONIC CONTROL VALVE</p> <p> 3-WAY ELECTRONIC CONTROL VALVE</p> <p> 2-WAY PNEUMATIC CONTROL VALVE</p> <p> 3-WAY PNEUMATIC CONTROL VALVE</p> <p> SOLENOID VALVE</p> <p> BUTTERFLY VALVE</p> <p> PLUG VALVE</p> <p> GAS COCK</p> <p> BALL VALVE</p> <p> CHECK VALVE</p> <p> GATE VALVE</p> <p> HOSE END DRAIN VALVE</p> <p> PRESSURE REDUCING VALVE</p> <p> RELIEF VALVE</p> <p> TEMPERATURE PRESSURE RELIEF VALVE</p> <p> THERMOMETER</p> <p> PRESSURE GAUGE WITH GAUGE COCK</p> <p> MANUAL AIR VENT</p> <p> PRESSURE TEMPERATURE PORT</p> <p> Y-STRAINER WITH BLOWDOWN</p> <p> PIPE GUIDE</p> <p> UNION</p> <p> PIPE ANCHOR</p> <p> FLEXIBLE CONNECTOR</p> <p> PIPE CAP/STUB-OUT</p> <p> DIRECTION OF FLOW</p> <p> PIPE DOWN</p> <p> PIPE UP</p> <p> PIPE TEE UP</p> <p> PIPE TEE DOWN</p>
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MECHANICAL/PLUMBING ABBREVIATIONS

NOTE: THIS IS A MASTER SCHEDULE. NOT ALL ABBREVIATIONS CONTAINED HEREIN MAY APPEAR ON THE DRAWINGS.

<p>AABC AMERICAN AIR BALANCE COUNCIL</p> <p>ACD AUTOMATIC CONTROL DAMPER</p> <p>AFF ABOVE FINISHED FLOOR</p> <p>AP ACCESS PANEL</p> <p>ASHRAE AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR CONDITIONING ENGINEERS</p> <p>ASPE AMERICAN SOCIETY OF PLUMBING ENGINEERS</p> <p>AV ACID VENT</p> <p>AW ACID WASTE</p> <p>BFD BACKFLOW PREVENTION DEVICE</p> <p>BHP BRAKE HORSE POWER</p> <p>BTUH BRITISH THERMAL UNIT PER HOUR</p> <p>CD CONDENSATE DRAIN</p> <p>CFM CUBIC FEET PER MINUTE</p> <p>CHAR CHARACTERISTICS</p> <p>CHR CHILLED WATER RETURN</p> <p>CHS CHILLED WATER SUPPLY</p> <p>CO CLEANOUT</p> <p>CR CONDENSER WATER RETURN</p> <p>CS CONDENSER WATER SUPPLY</p> <p>CW COLD WATER</p> <p>D DRAIN</p> <p>DB DRY BULB TEMPERATURE</p> <p>DDC DIRECT DIGITAL CONTROL</p> <p>DIA DIAMETER</p> <p>DN DOWN</p> <p>DX DIRECT EXPANSION</p> <p>(E) EXISTING TO REMAIN</p> <p>EA EXHAUST AIR</p> <p>EAT ENTERING AIR TEMPERATURE</p> <p>EC ELECTRICAL CONTRACTOR</p> <p>EER ENERGY EFFICIENCY RATIO</p> <p>EFF EFFICIENCY</p> <p>ELEC ELECTRICAL</p> <p>ESP EXTERNAL STATIC PRESSURE</p> <p>EWT ENTERING WATER TEMPERATURE</p> <p>F FAHRENHEIT</p> <p>FCO FLOOR CLEANOUT</p> <p>FD FIRE DAMPER</p> <p>FFM FEET PER MINUTE</p> <p>FSD FIRE/SMOKE DAMPER</p> <p>G GAS</p> <p>GA GAGE OR GAUGE</p> <p>GAL GALLONS</p>	<p>GCO GRADE CLEANOUT</p> <p>GI GREASE INTERCEPTOR</p> <p>GFF GALLONS PER FLUSH</p> <p>GFM GALLONS PER MINUTE</p> <p>GR GLYCOL RETURN</p> <p>GS GLYCOL SUPPLY</p> <p>GW GREASE WASTE</p> <p>HD HEAD</p> <p>HP HORSEPOWER</p> <p>HFG HIGH PRESSURE GAS</p> <p>HR HOUR</p> <p>H8FF HEATING SEASONAL PERFORMANCE FACTOR</p> <p>HW HOT WATER</p> <p>HWR HEATING HOT WATER RETURN</p> <p>HWS HEATING HOT WATER SUPPLY</p> <p>IBC INTERNATIONAL BUILDING CODE</p> <p>IE INVERT ELEVATION</p> <p>IMC INTERNATIONAL MECHANICAL CODE</p> <p>IPC INTERNATIONAL PLUMBING CODE</p> <p>KW KILOWATT</p> <p>LAT LEAVING AIR TEMPERATURE</p> <p>LBS POUNDS</p> <p>LWT LEAVING WATER TEMPERATURE</p> <p>MAX MAXIMUM</p> <p>MBH ONE THOUSAND BTUH</p> <p>MCA MINIMUM CIRCUIT AMPS</p> <p>MIN MINIMUM</p> <p>MOCP MAXIMUM OVER CURRENT PROTECTION</p> <p>MPG MEDIUM PRESSURE GAS</p> <p>MYD MANUAL VOLUME DAMPER</p> <p>N/A NOT APPLICABLE</p> <p>NC NORMALLY CLOSED</p> <p>NEBB NATIONAL ENVIRONMENTAL BALANCING BUREAU</p> <p>NEC NATIONAL ELECTRIC CODE</p> <p>NFPA NATIONAL FIRE PROTECTION ASSOCIATION</p> <p>NIC NOT IN CONTRACT</p> <p>NO NORMALLY OPEN</p> <p>NTS NOT TO SCALE</p> <p>OA OUTSIDE AIR</p> <p>OAT OUTSIDE AIR TEMPERATURE</p> <p>OBD OPPOSED BLADE DAMPER</p> <p>OED OPEN END DUCT</p> <p>OFCI OWNER FURNISHED, CONTRACTOR INSTALLED</p>	<p>FD PRESSURE DROP</p> <p>FRV PRESSURE REDUCING VALVE</p> <p>FSI POUNDS PER SQUARE INCH</p> <p>FSIA POUNDS PER SQUARE INCH ABSOLUTE</p> <p>FSID POUNDS PER SQUARE INCH DIFFERENTIAL</p> <p>FSIG POUNDS PER SQUARE INCH GAUGE</p> <p>(R) EXISTING TO BE RELOCATED</p> <p>RA RETURN AIR</p> <p>RH RELATIVE HUMIDITY</p> <p>RL/S REFRIGERANT LIQUID/SUCTION</p> <p>RPM REVOLUTIONS PER MINUTE</p> <p>RPPA REDUCED PRESSURE PRINCIPAL ASSEMBLY</p> <p>RYD REMOTE VOLUME DAMPER</p> <p>SA SUPPLY AIR</p> <p>SD SMOKE DAMPER</p> <p>SEER SEASONAL ENERGY EFFICIENCY RATIO</p> <p>SOI SAND OIL INTERCEPTOR</p> <p>"SP" STATIC PRESSURE (INCHES OF)</p> <p>SPEC9 SPECIFICATIONS</p> <p>SQ SQUARE</p> <p>SQFT SQUARE FEET</p> <p>SS STAINLESS STEEL</p> <p>T TEMPERATURE</p> <p>TAB TEST AND BALANCE WORK AND REPORT</p> <p>TSP TOTAL STATIC PRESSURE</p> <p>TW TEMPERED WATER</p> <p>TYP TYPICAL</p> <p>UBC UNIFORM BUILDING CODE</p> <p>UMC UNIFORM MECHANICAL CODE</p> <p>UN LESS OTHERWISE NOTED</p> <p>UPC UNIFORM PLUMBING CODE</p> <p>V VENT</p> <p>V/PH/Hz VOLTAGE/PHASE/HERTZ</p> <p>VFD VARIABLE FREQUENCY DRIVE</p> <p>VTR VENT THROUGH ROOF</p> <p>WB WET BULB TEMPERATURE</p> <p>WCO WALL CLEANOUT</p> <p>WG WATER GAUGE</p> <p>WMS WIRE MESH SCREEN</p> <p>(X) EXISTING TO BE REMOVED</p>
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DRAWING INDEX

SHEET NUMBER	SHEET TITLE	REVISED	ISSUE	DATE	BY	CHECKED	DATE
MP0.0	SYMBOL LIST AND ABBREVIATIONS	●	●	08-02-2016	MSA	MSA	08-02-2016
MP0.1	SPECIFICATIONS	●	●				
MP0.2	MECHANICAL SCHEDULES	●	●				
MP0.3	PLUMBING SCHEDULES	●	●				
MP0.4	MECHANICAL AND PLUMBING DIAGRAMS	●	●				
MP0.5	MECHANICAL AND PLUMBING DIAGRAMS	●	●				
MP0.6	MECHANICAL AND PLUMBING DIAGRAMS	●	●				
MP0.7	COMPLIANCE CERTIFICATE	●	●				
MPD2.0	MECHANICAL AND PLUMBING DEMOLITION PLAN	●	●				
M2.0	MECHANICAL PLAN	●	●				
P2.0	PLUMBING PLAN - WASTE AND VENT	●	●				
P2.1	PLUMBING PLAN - DOMESTIC WATER	●	●				
MP2.3	MECHANICAL AND PLUMBING ROOF PLAN	●	●				
TOTAL		13	4				

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 project manager: A.D.
 drawn by: MSA
 file name: LAKEWORTH
 revised: 3/14/2016
 plot scale: AS NOTED
 sheet name:
 SYMBOL LIST AND
 ABBREVIATIONS

sheet no.
 MPO.0
 20 of 42



PACKAGED ELECTRIC ROOFTOP UNIT SCHEDULE

MARK	GENERAL DATA			SUPPLY FAN DATA				COOLING CAPACITY				ELECTRIC HEATING COIL				ELECTRICAL DATA				OPERATING WEIGHT (LBS)	REMARKS						
	MANUFACTURER MODEL	LOCATION	SERVICE	SUPPLY AIR CFM	MIN. OUTSIDE AIR CFM	E9P (IN WG)	RPM	BHP	TOTAL (MBH)	SENSIBLE (MBH)	EAT (DB)	EAT (WB)	AMBIENT TEMP (°F)	SEER/EER	TOTAL MBH	EAT (DB)	LAT (DB)	KW	NO. OF CONTROL STEPS			COMP. RLA	COND. FLA	EVAP. RLA	MCA	MOCP	V/PH/HZ
RTU 1	TRANE USC072	ROOF	WAITING	2400	360	0.5	835	0.74	16.6	56.0	80.0	67.0	98/78	11.4	68.6	70	97.4	-	-	22.4	3.3	4.0	36.3	50.0	208/3/60	950	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
RTU 2	TRANE USC060	ROOF	RECEPTION/ EXAM	2000	300	0.5	840	0.59	62.0	46.6	80.0	67.0	98/78	13.0	57.3	70	97.5	-	-	18.1	2.5	5.0	30.2	45.0	208/3/60	960	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
RTU 3	TRANE USC090	ROOF	DONOR FLOOR	3000	450	0.5	697	0.90	92.4	68.3	80.0	67.0	98/78	11.1	83.2	70	96.6	-	-	25.0	3.5	3.6	38.4	60.0	208/3/60	1020	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
RTU 4	TRANE USC090	ROOF	DONOR FLOOR	3000	450	0.5	697	0.90	92.4	68.3	80.0	67.0	98/78	11.1	83.2	70	96.6	-	-	25.0	3.5	3.6	38.4	60.0	208/3/60	1020	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12
RTU 5	TRANE USC048	ROOF	CONFERENCE/ BREAK ROOM	1600	275	0.5	916	0.56	49.0	37.0	80.0	67.0	98/78	13.0	42.4	70	95.7	-	-	16.0	2.5	5.0	27.5	40.0	208/3/60	720	1, 2, 3, 4, 5, 6, 7, 8, 10, 12
RTU 6	TRANE USC048	ROOF	PLASMA PROCESSING	1600	200	0.5	916	0.56	49.0	37.0	80.0	67.0	98/78	13.0	42.4	70	95.7	-	-	16.0	2.5	5.0	27.5	40.0	208/3/60	720	1, 2, 3, 4, 5, 6, 7, 8, 10, 11
RTU 7	TRANE USC036	ROOF	STERILE SUPPLIES	1200	180	0.5	845	0.42	37.0	26.7	80.0	67.0	98/78	13.0	38.1	70	100.7	-	-	13.5	2.0	5.0	23.8	35.0	208/3/60	700	1, 2, 3, 4, 5, 6, 7, 8, 10, 11
RTU 8	TRANE USC036	ROOF	UNDEVELOPED SPACE	1200	180	0.5	845	0.42	37.0	26.7	80.0	67.0	98/78	13.0	38.1	70	100.7	-	-	13.5	2.0	5.0	23.8	35.0	208/3/60	700	1, 2, 3, 4, 5, 6, 7, 8, 10, 11

- | | | |
|--|---|---|
| <ol style="list-style-type: none"> AIR CONDITIONING SYSTEM SHALL COMPLY CURRENT ADOPTED STANDARDS. PROVIDE 3/4" CONDENSATE DRAIN AND ROUTE TO APPROVED PLUMBING FIXTURE. PROVIDE FLEX CONNECTION AT DUCT DROPS. PROVIDE PROGRAMMABLE THERMOSTAT. PROVIDE 1" REPLACEABLE FILTER. | <ol style="list-style-type: none"> PROVIDE COMPARATIVE ENTHALPHY ECONOMIZER WITH POWER EXHAUST. SOUND RATING SHALL COMPLY WITH CURRENT ARI AND ANSI STANDARDS. PROVIDE LOW AMBIENT KIT. PROVIDE SMOKE DETECTOR IN RETURN AIR DUCT. PROVIDE SINGLE POINT OF POWER CONNECTION. | <ol style="list-style-type: none"> PROVIDE 14" HIGH WIND LOAD ROOF CURB DESIGNED BY STRUCTURAL AND SUBMITTED BY THE MANUFACTURER. PROVIDE HIGH WIND LOAD ADAPTER CURB AS REQUIRED AT EXISTING ROOF CURB DESIGNED BY STRUCTURAL AND SUBMITTED BY THE MANUFACTURER. |
|--|---|---|

DUCTLESS SPLIT AIR CONDITIONING SYSTEM SCHEDULE

MARK	FAN COIL	COND UNIT	MANUFACTURER	INDOOR MODEL	OUTDOOR MODEL	CFM	E9P (IN WC)	COOLING CAPACITY				SEER	INDOOR ELECTRICAL				OUTDOOR ELECTRICAL				INDOOR OPERATING WEIGHT (LBS)	OUTDOOR OPERATING WEIGHT (LBS)	REMARKS	
								TOTAL MBH	SENSIBLE MBH	EAT (DB)	EAT (WB)		OUTDOOR (DB)	FLA	WATTS	HP	V/PH/HZ	MCA	MOCP	V/PH/HZ				MCA
FC 1	CU 1	FUJITSU	ASU18RL	AQU18RL	6000	0.2	18.0	11.5	80.0	67.0	95°F	19.0	-	42	-	-	-	-	208/1/60	13.5	20	25	150	1, 2, 3, 4, 5, 6

- | | | |
|--|---|--|
| <ol style="list-style-type: none"> PROVIDE LINE VOLTAGE THERMOSTAT. PROVIDE LOW AMBIENT KIT FOR 0°F. | <ol style="list-style-type: none"> DC INVERTER-DRIVEN TWIN ROTARY COMPRESSOR PROVIDE CONDENSATE PUMP. | <ol style="list-style-type: none"> PROVIDE SINGLE POINT POWER CONNECTION AT OUTDOOR UNIT. OR EQUAL |
|--|---|--|

AIR DISTRIBUTION SCHEDULE

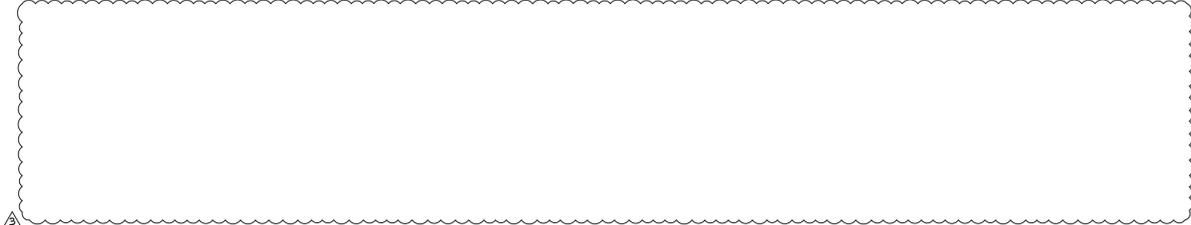
MARK	MANUFACTURER MODEL	AIRFLOW RANGE	SERVICE TYPE	MAX NC	NECK SIZE	PANEL SIZE	REMARKS
D-1 CDM	TITUS TMS	0 - 100	SUPPLY - SURFACE	30	6"ø	12"x12"	1, 3
D-2 CDM	TITUS TMS	0 - 100	SUPPLY - LAY-IN	30	6"ø	12"x12"	1, 3
D-3 CDM	TITUS TMS	101-200	SUPPLY - LAY-IN	30	8"ø	24"x24"	1, 3
D-4 CDM	TITUS TMS	201-300	SUPPLY - LAY-IN	30	10"ø	24"x24"	1, 3
D-5 CDM	TITUS TMS	301-600	SUPPLY - LAY-IN	30	12"ø	24"x24"	1, 3
D-6 CDM	TITUS 300FS	201-300	SUPPLY - SIDEWALL	30	12"x6"	15"x9"	1, 2
R-1 CDM	TITUS 50F	100 - 200	RETURN - LAY-IN	30	8"x8"	24"x24"	1, 3
R-2 CDM	TITUS 50F	201 - 300	RETURN - LAY-IN	30	10"x10"	24"x24"	1, 3
R-3 CDM	TITUS 50F	301 - 600	RETURN - LAY-IN	30	12"x12"	24"x24"	1, 3
R-4 CDM	TITUS 50F	601 - 900	RETURN - LAY-IN	30	14"x14"	24"x24"	1, 3
R-5 CDM	TITUS 50F	901 - 1200	RETURN - LAY-IN	30	16"x16"	24"x24"	1, 3
EX-1 CDM	TITUS 50F	100-200	EXHAUST - LAY-IN	30	8"x8"	24"x24"	1, 3

- COORDINATE BORDER, COLOR, FINISH AND EXACT LOCATION WITH ARCHITECT
- PROVIDE OBD.
- PROVIDE DUCT TRANSITION AS REQUIRED.

EXHAUST FAN SCHEDULE

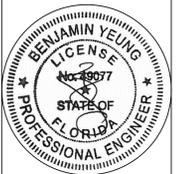
MARK	GENERAL DATA			TYPE	CFM	E9P (IN WG)	RPM	BHP	ELECTRICAL			OPERATING WEIGHT (LBS)	REMARKS
	MANUFACTURER MODEL	LOCATION	SERVICE						HP	FLA	V/PH/HZ		
EF 1	GREENHECK G-095-VG	ROOF	LOBBY RESTROOMS	CENT	400	0.5	1725	-	1/6	3.4	120/1/60	30	1, 2, 3, 4, 5, 6, 7, 8
EF 2	GREENHECK G-095-VG	ROOF	EMPLOYEE RESTROOMS	CENT	300	0.5	1725	-	1/6	3.4	120/1/60	30	1, 2, 3, 4, 5, 6, 7, 8
EF 3	BROAN GTXE1B0	CEILING	JANITOR	CENT	125	0.15	-	-	(513)	0.5	115/1/60	25	1, 2, 3, 4, 6, 7, 8

- | | | |
|---|---|---|
| <ol style="list-style-type: none"> PROVIDE MOTOR WITH THERMAL OVERLOADS. PROVIDE DISCONNECT SWITCH. PROVIDE BACKDRAFT DAMPER. FAN SHALL OPERATE PER LIGHTING CONTROL. | <ol style="list-style-type: none"> PANEL, SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION. PROVIDE ROOF CURB. PROVIDE WEATHERHOOD WITH INSECT SCREEN. | <ol style="list-style-type: none"> DIRECT DRIVE TYPE. NON-OVERLOADING, BACKWARD INCLINED CENTRIFUGAL FAN WHEEL, STATICALLY & DYNAMICALLY BALANCED PER AMCA STD. 204 |
|---|---|---|



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INTERIOR TENANT IMPROVEMENT FOR:
IMMUNOTEK BIO CENTERS, LLC
 4550 LAKE WORTH ROAD
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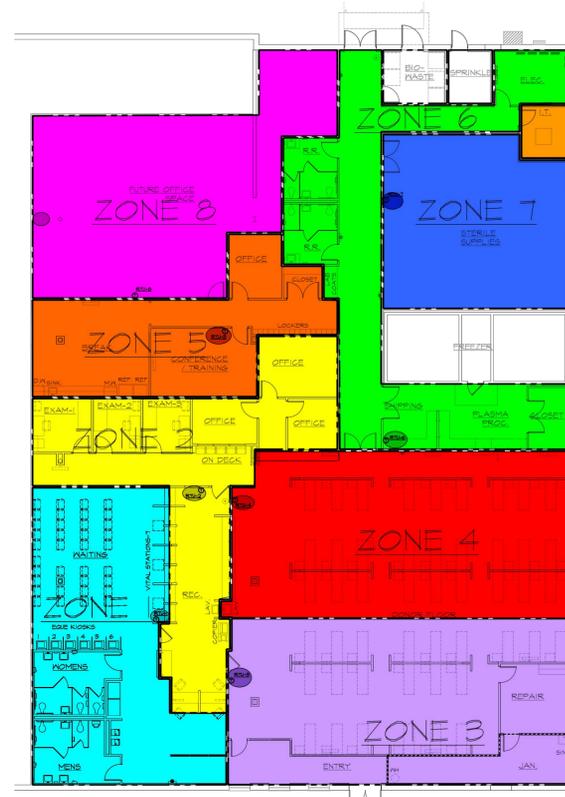
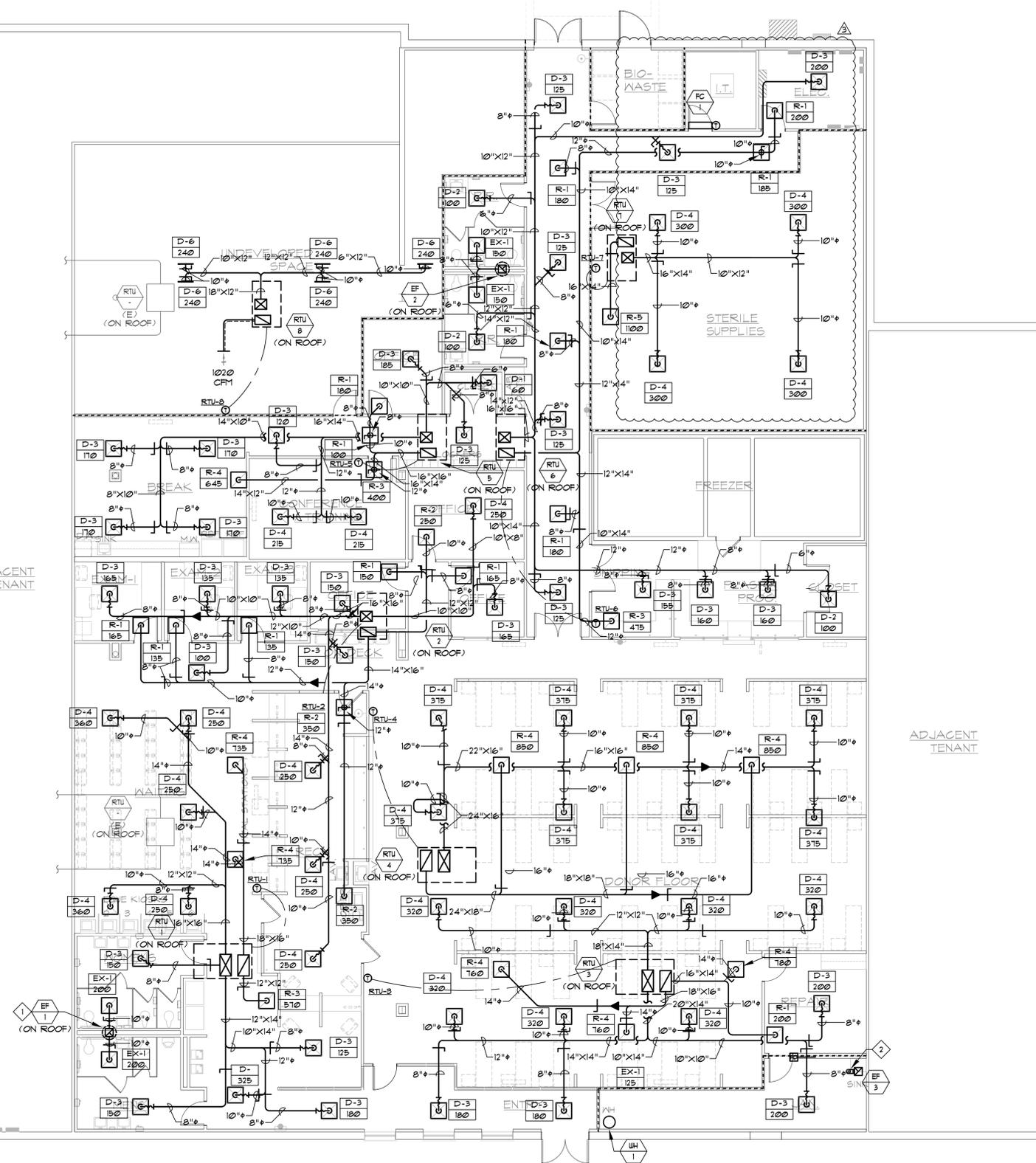


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proj. no. 16-002
 date: 08-02-2016
 project architect: B.A.
 project manager: A.D.
 drawn by: MSA
 file name: LAKEWORTH
 revised: 3, 08/02/2016
 plot scale: AS NOTED
 sheet name:
 MECHANICAL SCHEDULES

sheet no.
MPO.2





- GENERAL NOTES:**
- ACCESS DOORS ARE REQUIRED FOR ALL DAMPERS INSTALLED ABOVE INACCESSIBLE CEILINGS. COORDINATE EXACT LOCATION OF ALL ACCESS DOORS WITH ARCHITECT PRIOR TO INSTALLATION.
 - VERIFY LOCATION OF ALL THERMOSTATS WITH ARCHITECT PRIOR TO INSTALLATION. MOUNT ALL THERMOSTATS #48" AFF. IN ACCORDANCE WITH ADA STANDARDS. PROVIDE LOCKING COVERS FOR T-STATS.
 - VERIFY AND COORDINATE FRAME AND BORDER TYPE REQUIREMENTS FOR AIR DEVICES WITH ARCHITECTURAL CEILING PLANS PRIOR TO ORDERING.
 - DUCT SIZES SHOWN ARE THE CLEAR INSIDE DIMENSIONS.
 - THE MECHANICAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL ROOF MOUNTED EQUIPMENT AND ROOF PENETRATIONS WITH ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO COMMENCING WORK.
 - THE MECHANICAL CONTRACTOR SHALL COORDINATE LOCATION AND ROUTING OF HVAC EQUIPMENT AND DUCTWORK WITH OTHER TRADES PRIOR TO COMMENCING WORK.
 - ALL EXHAUST OUTLETS SHALL BE LOCATED MIN. OF 10'-0" FROM ANY OUTSIDE AIR INTAKES.
 - THE CUTTING, NOTCHING AND BORING OF HOLES IN FLOOR JOIST AND WALL STUDS SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED EDITION OF THE INTERNATIONAL BUILDING CODE.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING AS REQUIRED TO ACCOMMODATE HIS WORK.
 - REFER TO THE MECHANICAL DIAGRAMS THAT APPLY TO THE WORK ON THIS DRAWING. THESE DIAGRAMS PROVIDE GUIDANCE AS TO INSTALLATION INTENT AND DO NOT NECESSARILY SHOW ALL COMPONENTS REQUIRED.
- SHEET NOTES:**
- 10"X10" EXHAUST DUCT UP THROUGH ROOF TO EF-1/EF-2. PROVIDE DUCT TRANSITION AS REQUIRED TO INLET OF FAN.
 - 8" EXHAUST DUCT UP THROUGH ROOF.

B ZONING LAYOUT
M2.0 NT6

A MECHANICAL PLAN
M2.0 1/8" = 1'-0"

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 MECHANICAL PLAN



sheet no.
M2.0
 29 of 42



GENERAL NOTES:

1. REFER TO PLUMBING PLANS FOR SIZES AND ROUTING OF CONDENSATE DRAINS.
2. THE MECHANICAL/PLUMBING CONTRACTOR SHALL VERIFY THE LOCATION OF ALL ROOF MOUNTED EQUIPMENT AND ROOF PENETRATIONS WITH ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO COMMENCING WORK.
3. THE MECHANICAL CONTRACTOR SHALL COORDINATE LOCATION AND ROUTING OF HVAC EQUIPMENT AND DUCTWORK WITH OTHER TRADES PRIOR TO COMMENCING WORK.
4. OUTSIDE AIR INTAKE A MINIMUM OF 10'-0" AWAY FROM TOILET EXHAUST.
5. ALL WATER PIPING SHALL BE INSTALLED ON THE INTERIOR SIDE OF THE BUILDING UNLESS PROTECTED FROM FREEZING.
6. THE CUTTING, NOTCHING AND BORING OF HOLES IN FLOOR JOIST AND WALL STUDS SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED EDITION OF THE INTERNATIONAL BUILDING CODE.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL PLUMBING ROUGH-IN LOCATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURES AND EQUIPMENT LOCATIONS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING AS REQUIRED TO ACCOMMODATE HIS WORK.
9. ALL SANITARY DRAINAGE PIPING SHALL BE SLOPED AT 1/4" PER FOOT.
10. REFER TO THE MECHANICAL AND PLUMBING DIAGRAMS THAT APPLY TO THE WORK ON THIS DRAWING. THESE DIAGRAMS PROVIDE GUIDANCE AS TO INSTALLATION INTENT AND DO NOT NECESSARILY SHOW ALL COMPONENTS REQUIRED.

SHEET NOTES:

1. 2" VENT THROUGH ROOF.
2. 3" VENT THROUGH ROOF.
3. 3/4" CU DOWN THROUGH ROOF. FOR CONTINUATION REFER TO SHEET P2.1.
4. RUN FULL SIZE CONDENSATE DRAIN TO NEAREST ROOF GUTTER FIELD. VERIFY ROUTING AND LOCATION.
5. ROOFTOP FREEZER CONDENSING UNITS BY OTHERS. REFER TO REFRIGERATION CONTRACTOR FOR MORE INFORMATION.
6. 8" BATHROOM EXHAUST DUCT THROUGH ROOF TO GOOSENECK WITH INSECT SCREEN. FIELD VERIFY EXACT ROUTING AND LOCATION.

A MECHANICAL AND PLUMBING ROOF PLAN
MP2.3 1/8" = 1'-0"

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MECHANICAL AND
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MP2.3