PLAN REVIEW DATA

101 VERA KING FARRIS DR GALLOWAY, NEW JERSEY

APPLICABLE CODES AND STANDARDS

UNIFORM CONSTRUCTION COPE STATE OF NEW JERSEY, LATEST EPITION AND ALL OF ITS SUBCODES AND AMENDMENTS (N.J. REHAB SUB CODE)

NEW JERSEY REHABILITATION SUBCODE 5:23-6

INTERNATIONAL BUILDING CODE / 2015 NJ EDITION INTERNATIONAL REGIDENTIAL CODE / 2015 NJ EDITION

INTERNATIONAL MECHANICAL CODE / 2015 INTERNATIONAL FUEL GAS CODE / 2015

ASHRAE 00.1 - 2013 (COMMERCIAL) INTERNATIONAL ENERGY CONSERVATION CODE - NJ ED, 2015 (RESIDENTIAL)

NATIONAL STANDARD PLUMBING CODE / 2015

NATIONAL ELECTRIC CODE / 2014 ANSI AI17.1-2009

WFCM (WOOD FRAMED CONSTRUCTION) HIGH WIND AREAS FOR ONE & TWO FAMILY DWELLINGS

OCCUPANCY CLASSIFICATION

USE GROUP B - EXISTING - NO CHANGE

OCCUPANT LOAD

66 OCCUPANTS (INCIDENTAL USE) 88 OCCUPANTS

22 OCCUPANTS

CONSTRUCTION CLASSIFICATION

PER TABLE (504.3 & 504.4) SECTION (506.2)

2B - EXISTING - NO CHANGE

ALLOWANCE AREA 43,500 SQ. FT. - EXISTING - NO CHANGE

ALLOWANCE HEIGHT 75'-0" / 3 STORIES - EXISTING - NO CHANGE

BUILDING ELEMENT

FIRE RESISTANCE RATINGS

PER TABLE (601) SECTION (602)

,	• STRUCTURAL FRAME (a) (INCLUDING COLUMNS, GIRDERS, TRUSSES)	0 HOURS	
,	BEARING WALLS EXTERIOR (†) INTERIOR	0 HOURS 0 HOURS	
,	• NON BEARING WALLS & PARTITIONS (TABLE 602) EXTERIOR INTERIOR (e)	0 HOURS 0 HOURS	CHANGE
,	• FLOOR CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)	O HOURS	NO C
	 ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS) 	0 HOURS	SXISTING
ı	• FIRE WALLS (706.4)	3 HOURS	M X
	• FIRE BARRIERS (707.3.10)	2 HOURS	
,	• FIRE PARTITIONS (708.3)	I HOUR	
,	• SHAFTS (713.4)	I HOUR	
,	• EXIT ACCESS CORRIDORS (1020.1)	O HOUR	

BUILDING CHARACTERISTICS

NUMBER OF STORIES EXISTING - NO CHANGE EXISTING - NO CHANGE HEIGHT OF STRUCTURE

AREA OF RENOVATION +/- 3,200 SQ. FT. (EXISTING - NO CHANGE)

BUILDING DESIGN LOADS

PER CHAPTER 16

FLOORS

100 PSF LL (CORRIDORS) 50 PSF LL (OFFICES)

20 PSF LL MIN GROUND SNOW LOADS BASIC WIND SPEED 130 MPH

AUTOMATIC SPRINKLER SYSTEMS

PER SECTION 903

THE AREA OF WORK IS EQUIPPED WITH AN EXISTING AUTOMATIC SPRINKLER SYSTEM. THE EXISTING SYSTEM IS TO BE MODIFIED AS REQUIRED TO SUIT NEW LAYOUT. EXISTING SYSTEM WILL REMAIN OPERATIONAL DURING CONSTRUCTION.

INTERIOR FINISH NOTES

INT. FINISHES SHALL COMPLY W/ SECTION (803.11) & SHALL HAVE A FLAME SPREAD RATING AS OUTLINED BELOW:

REQ'D VERT. EXITS AND PASSAGEWAYS EXIT ACCESS CORRIDORS

B FLAME SPREAD 26-75 C FLAME SPREAD 76-200

SMOKE DEVELOPES 0-450 SMOKE DEVELOPES 0-450 SMOKE DEVELOPES 0-450

C FLAME SPREAD 76-200 ROOMS AND ENCLOSED SPACES

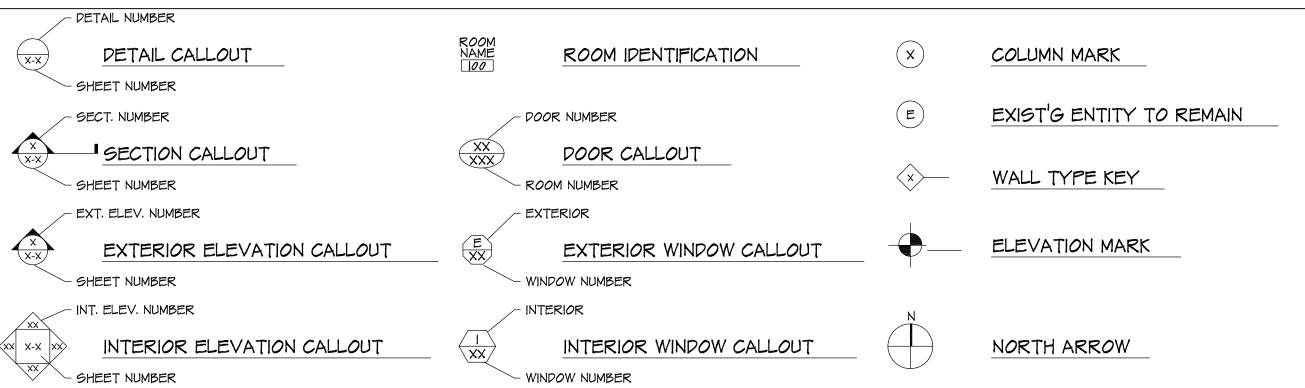
ALL INTERIOR FINISHES AT BATHROOMS SHALL BE MOISTURE RESISTANT & WASHABLE

STANDARD ABBREVIATIONS

ABOVE FINISH FLOOR	A.F.F.	FIRE EXTINGUISHER	F.E.	MASONRY	MAS.	SAFETY	SFTY.
ACOUSTICAL CEILING TILE	A.C.T.	FLOOR	FL./FLR.	MASONRY OPENING	M.O.	SCHEDULE	SCHED.
AIR CONDITIONING	A/C	FLOOR DRAIN	F.D.	MAXIMUM	MAX.	SECTION	SECT.
ALTERNATE	ALT.	FLOOR SINK	F.S.	MECHANICAL	MECH.	SOLIP CORE	6.C.
ALUMINUM	ALUM.	FLUORESCENT	FLUOR.	MEMBRANE	MEMB.	SHEET	SHT.
APPROVED	APPD./APPV'D	FOOTING	FTG.	MINIMUM/MINUTE	MIN.	SIMILAR	SIM.
AT	@	FURNISH	FURN.	MISCELLANEOUS	MISC.	SPECIFICATIONS	SPEC.
• •	G.	FURRING	FURR.	MODELLA	14150.	SQUARE	6Q.
BLOCK	BLK.			NORTH	N	SQUARE FOOT	S.F.
BLOCKING	BLKG.	GAUGE	GA.	NOMINAL	NOM.	STAINLESS STEEL	9.5.
BOARD	BD.	GALVANIZED	GALV.	NOT IN CONTRACT	N.I.C.	STEEL	STL.
BUILDING	BLDG.	GENERAL, GENERATOR	GEN.	NOT TO SCALE	N.T.S.	STORAGE	STOR.
	<i>P</i> - <i>P</i> 0.	GENERAL CONTRACTOR(OR)	G.C.	NUMBER	NO.	STORAGE CLOSET	ST. CL.
CARPET	CPT.	GLASS, GLAZING	G.C. GL.	NONDER	110.	5 (0) (0) (0) (0) (0)	5 (. 52.
CEILING	CLG.	GRADE	GR.	OFFICE	OFF.	TOTAL LOAD	T.L.
CENTERLINE	Q	GYPSUM WALLBOARD	G.W.B./GYP. BD.	ON CENTER	0.C.	TOP OF DECK	T.O.D.
CERAMIC	E CER.	GROUND FAULT INTERRUPTER		OPENING	OPNG.	TOP OF FOOTING	T.O.F.
CERAMIC TILE	C.T.	GROUND AUL IN ILRAU ILR	G.F.I.		0.D.	TOP OF MASONRY	T.O.M.
COATS	CTS.	HARDWARE		OUTSIDE DIAMETER (DIMENSION)	0. <i>D</i> . 0.H.	TOP OF PIER	T.O.P.
COLD WATER	C.W.	HARDWOOD	HDW./HDW'R.	OVERHEAD	Ο.Π.	TOP OF SLAB	T.O.S.
COLUMN	C.W.		HWD.	OAK IT	PT.	TOP OF STEEL	T.O.STL.
CONCRETE	COL. CONC.	HEATING/VENTILATING/AIR		PAINT	PTD.	TOP OF WALL	T.O.W.
CONCRETE MASONRY UNIT	CONC. C.M.U.	CONDITIONING	H.V.A.C.	PAINTED		TYPICAL	TYP.
		HEIGHT	HT.	PARTITION	PART'N.	TREAD	T .
CONTINUOUS/CONTINUE	CONT. CONTR.	HIGH POINT	H.P.	PARALLEL STRAND LUMBER	P.S.L.	INLAV	l .
CONTRACTOR	· · · · · · · · · · · · · · · · · · ·	HOLLOW CORE	H.C.	PLASTER	PLAS.	UNDERWRITERS LABORATORIES	U.L.
CONTROL JOINT	C.J.	HOLLOW METAL	H.M.	PLASTIC LAMINATE	P.LAM.	UNFINISHED	UNF.
CLEAN OUT	C.O.	HOLLOW METAL FRAME	H.M.F	PLATE	PL.	UNIFORM BUILDING CODE	U.B.C.
	-	HOSE BIB	H.B.	PLUMBING	PLBG.	UNIFORM DUILDING CODE	U.D.C.
DEAD LOAD	D.L.	HOT WATER	H.W.	POLYVINYL CHLORIDE	P.V.C.	VILLA COMPOCITION THE	V.C.T.
DEMOLISH, DEMOLITION	DEMO.	HOUR	HR.	POUNDS PER CUBIC FOOT	P.C.F.	VINYL COMPOSITION TILE VINYL WALL COVERING	V.C. [. V.W.C.
DIAMETER	DIA./Ø			POUNDS PER LINEAL FOOT	P.L.F.		
DIFFUSER	DIFF.	INGULATION	INSUL.	POUNDS PER SQUARE FOOT	P.S.F.	VERTICAL	VERT.
DIMENSION	DIM.	INTERIOR	INT.	POUNDS PER SQUARE INCH	P.S.I.	VESTIBULE	VEST.
DOWN	DN.	INVERT	INV.	PREFABRICATED	PREFAB.	VERIFY IN FIELD	V.I.F.
DITTO	"do"					WATER OF ACET	V. C
		JOINT	JT.	QUARRY TILE	Q.T.	WATER CLOSET	W.C.
EQUAL	EQ.					WATERPROOF, WEATHERPROOF	W.P.
EQUIPMENT	EQUIP.	LAMINATE(D)	LAM.	RADIUS	RAD.	WELDED WIRE FABRIC	W.W.F.
EXISTING	EXIST./EXIST ^I G	LAMINATED VENEER LUMBER	L.V.L.	REFERENCE	REF.	WELDED WIRE MESH	W.W.M.
EXTERIOR	EXT.	LAVATORY	LAV.	REINFORCE, REINFORCING	REINF.	WIRE GLASS	W.GL.
		LIVE LOAD	L.L.	REQUIRED	REQ./REQ ['] D.	WITH	W/
FLOOR CLEAN OUT	F.C.O.	LOUVER	LVR./LOUV.	RISER	R	WITHOUT	W/0
FEET, FOOT	FT.		·	ROOF DRAIN	R.D.	W <i>00</i> D	WD.
FINISH	FIN.	MAINTENANCE/MAINTAIN	MAINT.	ROOF SCUPPER	R.S.		
FINISH FLOOR	F.F.	MANUFACTURER	MFR./MANUF.	ROUGH OPENING	R.O.		

NOTE: THIS LIST REPRESENTS ABBREVIATIONS THAT MAY OR MAY NOT APPEAR IN THESE DOCUMENTS. CONTACT YEZZI ASSOCIATES FOR ANY CLARIFICATIONS REGARDING THE ABBREVIATIONS

SYMBOL KEY



NOTES

DO NOT SCALE DRAWINGS

. FIELD CHECK ALL DIMENSIONS PRIOR TO THE START OF CONSTRUCTION.

WHERE THERE MAY BE A CONFLICT BETWEEN THE DRAWINGS AND THE ACTUAL FIELD CONDITIONS THE CONTRACTOR SHALL NOTIFY THE ARCHITECTS WHO WILL MAKE THE NECESSARY REVISIONS. 4. PLANS TO CONFORM WITH THE STRUCTURE REQUIREMENTS OF THE INTERNATIONAL BUILDING

CODE, LATEST EDITION. 5. ALL EXISTING WORK TO REMAIN MUST BE PROTECTED. ANY SUCH WORK DAMAGED IN THE COURSE OF CONSTRUCTION WILL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS

6. ALL ITEMS TO BE REMOVED AND REUSED THAT ARE DAMAGED AND NOT REUSABLE SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.

7. THE CONTRACTOR SHALL MAINTAIN THE THERMAL AND ACOUSTICAL PROPERTIES OF THE BUILDING DURING CONSTRUCTION. 8. AT THE END OF EACH WORKING DAY THE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION

RUBBLE FROM THE SITE. 9. ALL ITEMS MARKED ON THE DRAWINGS TO BE REMOVED SHALL ALSO MEAN PATCH TO MATCH SURROUNDING CONDITIONS. 10. ALL TRADES TO COORDINATE THEIR WORK SO THERE WILL BE NO DUPLICATION OF WORK.

II. ALL TRADES TO DO THEIR OWN CUTTING AND PATCHING UNLESS OTHERWISE NOTED ON THE 12. THE CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS PRIOR TO BIDDING AND STARTING CONSTRUCTION & TAKE PHOTOGRAPHS OF ALL EXISTING CONDITIONS. ANY ALTERATIONS TO

EXISTING STRUCTURE REQUIRED FOR PROPER INSTALLATION OF NEW WORK SHALL BE DONE BY THE CONTRACTOR AT HIS OWN EXPENSE, BUT ONLY AS APPROVED BY THE ARCHITECT. 13. THE GENERAL CONTRACTOR SHOULD EXAMINE THE M.E.P. DRAWINGS TO SEE THE EXTENT OF

THE ENGINEERING CHANGES TO BE MADE TO THE BUILDING. 14. THE CONTRACTOR SHALL PROTECT THE EXISTING BUILDING FROM ANY POSSIBLE WATER DAMAGE. ANY REPAIRS AS A RESULT OF DAMAGE WILL BE PAID BY THE CONTRACTOR.

CONTRACTOR / UTILITY COMPANIES PRIOR TO START OF DEMOLITION / CONSTRUCTION.

15. ALL EXISTING UTILITIES IN CONFLICT WITH THE WORK SHALL BE TURNED OFF BY THE

SCOPE OF WORK

SCOPE OF WORK AT THE MAIN CAMPUS BUILDING THE UNIVERSITY IS PROPOSING AN INTERIOR RENOVATION TO A PORTION OF THE 100 LEVEL "F" WING.

THE WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO:

THE REMOVAL AND REPLACEMENT OF THE EXISTING WALLS, FURNITURE, AND FINISHES. ALONG WITH THE INSTALLATION OF NEW WALLS, DOORS, CASEWORK, FINISHES, ETC.

THE REMOVAL AND REPLACEMENT OF EXISTING LIGHT FIXTURES TIED TO EXISTING BRANCH CIRCUITS. ALONG WITH THE REMOVAL OF EXISTING AND INSTALLATION OF NEW VARIOUS ELECTRICAL DEVICES.

ELECTRICAL:

THE REMOVAL AND REPLACEMENT OF EXISTING FIRE ALARM DEVICES AND MODIFICATIONS TO THE EXISTING SPRINKLER SYSTEM AS REQUIRED TO SUIT NEW LAYOUT.

MECHANICAL:

THE MODIFICATION / RELOCATION OF THE EXISTING HVAC SYSTEM COMPONENTS TO SUIT THE PROPOSED LAYOUT (BY STOCKTON UNIVERSITY). ALONG WITH THE INSTALLATION OF NEW EXHAUST FANS AS INDICATED ON PLANS.

PLUMBING:

THE REMOVAL OF EXISTING PLUMBING FIXTURES. ALONG WITH THE INSTALLATION OF A NEW WATER CLOSET, LAVATORY, SINK, AND RELATED ITEMS. TIED TO EXITING WATER, SANITARY, AND VENT PIPING. THE HEIGHTS OF ALL FIXTURES WILL BE MODIFIED AS REQUIRED TO COMPILE WITH THE CURRENT ADA REQUIREMENTS.



PROJECT DATA, CODE RESEARCH, & SCOPE OF WORK

DEMOLITION FLOOR PLAN DEMOTION REFLECTED CEILING PLAN EXISTING CONDITION PHOTOGRAPHS

EXISTING CONDITION PHOTOGRAPHS PROPOSED FLOOR PLAN, NOTES, & DETAILS

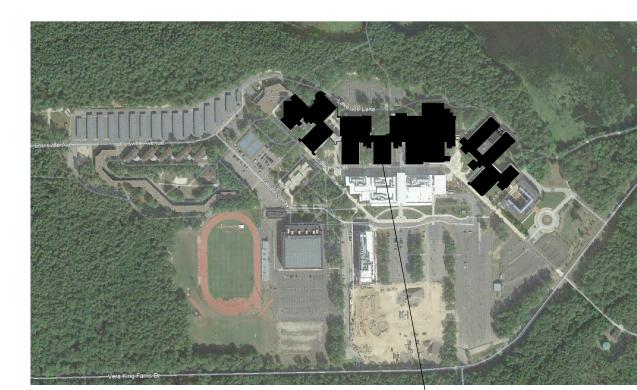
PROPOSED REFLECTED CEILING PLAN & NOTES SCHEDULES, DOOR DETAILS, & SECTIONS CASEWORK PLANS & SECTIONS

PLUMBING FLOOR PLAN, NOTES AND SCHEDULES LIGHTING FLOOR PLAN

POWER FLOOR PLAN ELECTRICAL NOTES, SCHEDULES AND DETAILS

FIRE PROTECTION FLOOR PLAN, NOTES AND DETAILS

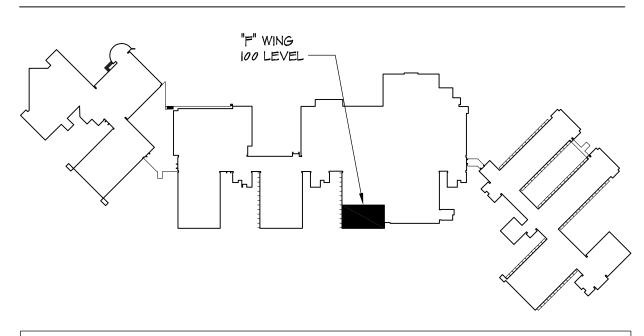
AERIAL VIEW



- BUILDING LOCATION

KEY PLAN

ALL FURNITURE.



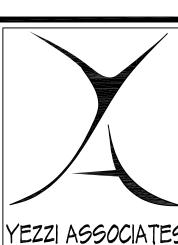
WORK TO BE PERFORMED BY STOCKTON UNIVERSITY

THE FOLLOWING WORK IS TO BE PERFORMED BY STOCKTON UNIVERSITY, AS IT RELATES TO THIS PROJECT;

 ALL FINAL DATA AND I.T. WORK, INCLUDING CAMERAS, TV'S, AND RELATED EQUIPMENT. G.C TO PROVIDE AND INSTALL BOXES AND CONDUITS AS INDICATED ON PLANS. ALL MODIFICATIONS TO THE EXISTING HVAC SYSTEM REQUIRED TO SUIT NEW LAYOUT. G.C. TO PROVIDE AND INSTALL ALL NEW EXHAUSTS FANS AND RELATED ITEMS AS INDICATED ON PLANS.

G.C. TO COORDINATE THIS WORK WITH OWNER DURING CONSTRUCTION (TYP.)

YEZZI ASSOCIATES ARCHITECTS PLANNERS



ARCHITECTURE PLANNING ENGINEERING

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Daniel M. Sernotti Architect No. ZIAIOI807900 Architect No. 55-0008349 Architect No. RA 015346

Architect No. 73872

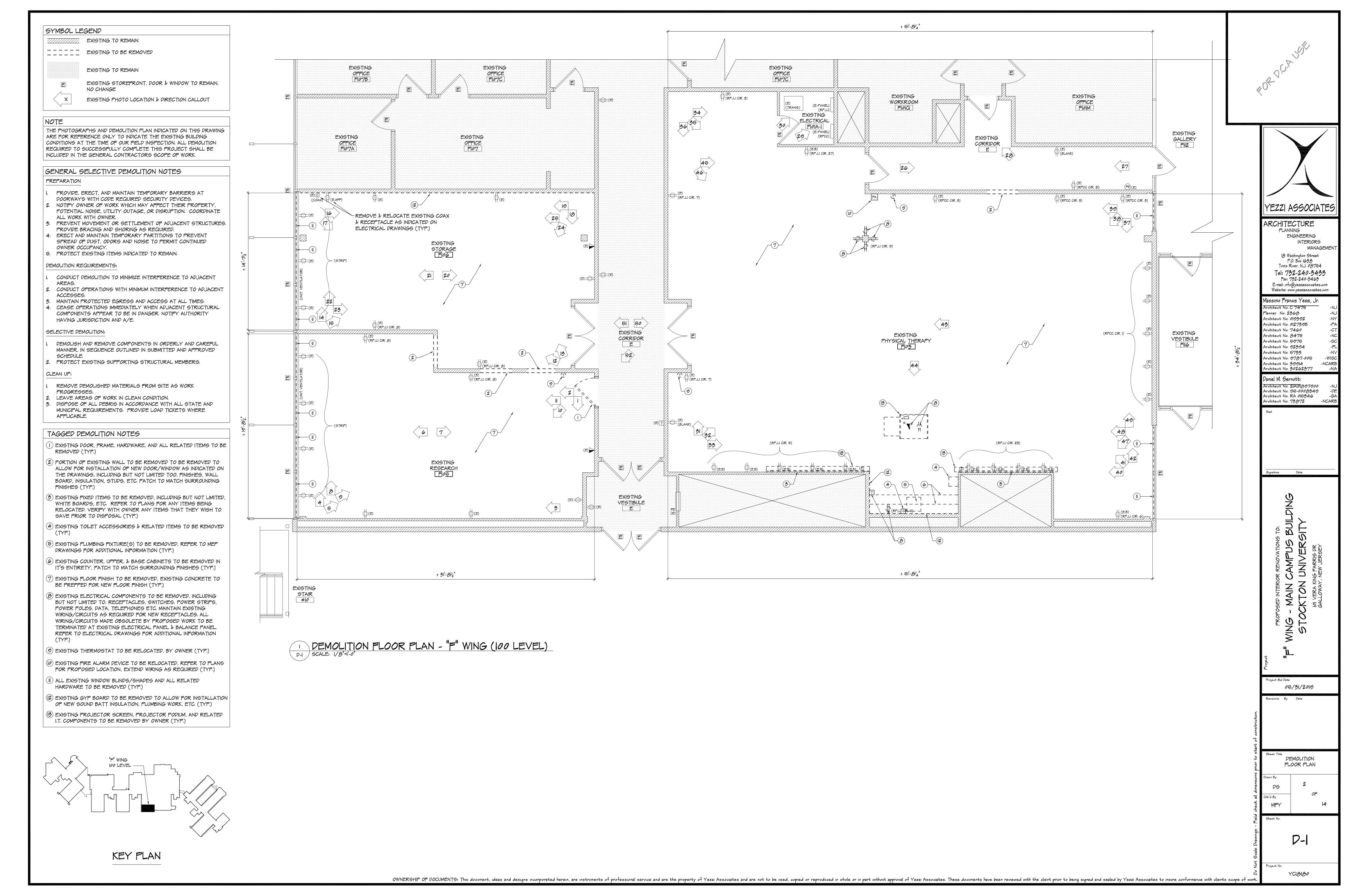
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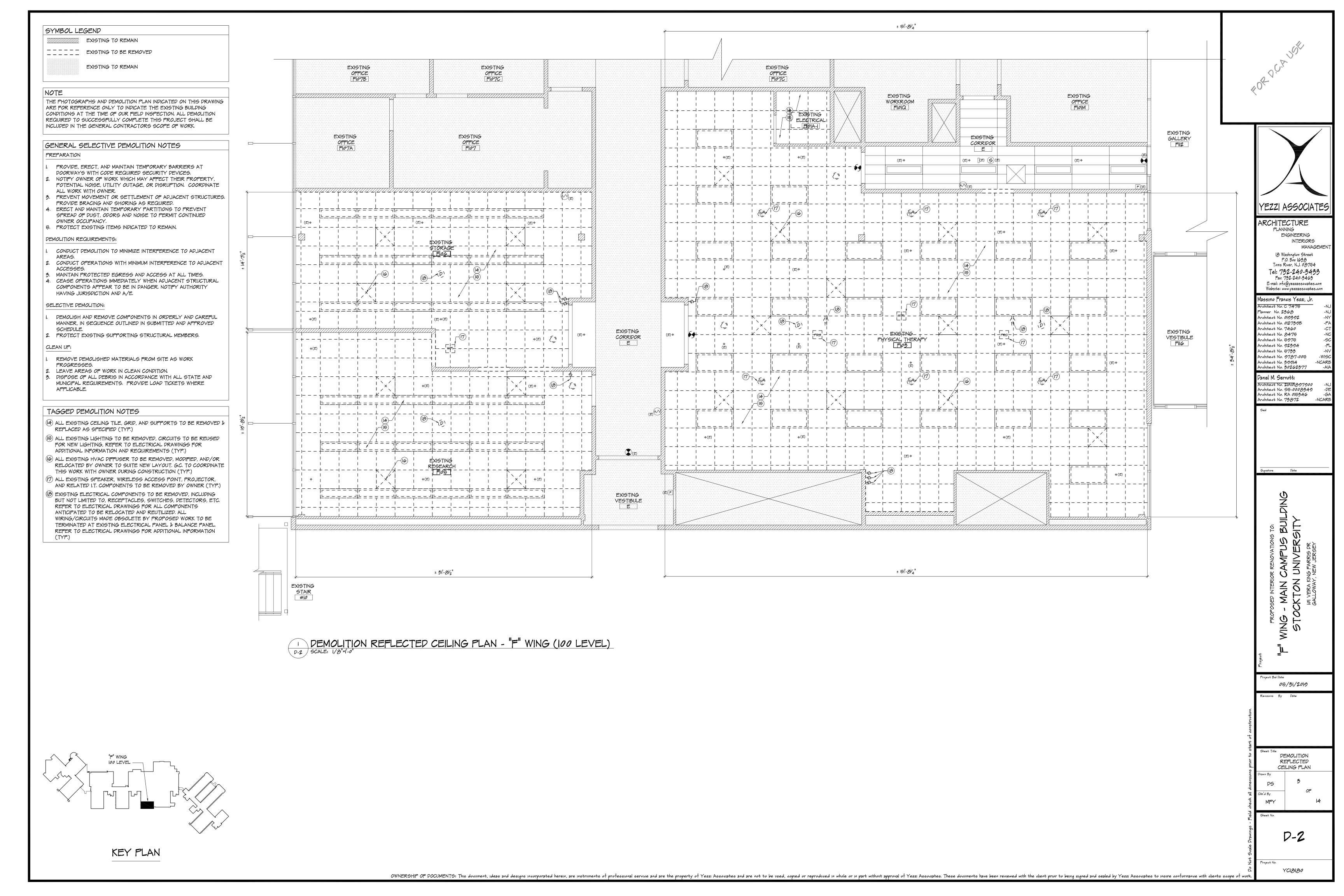
05/31/2019

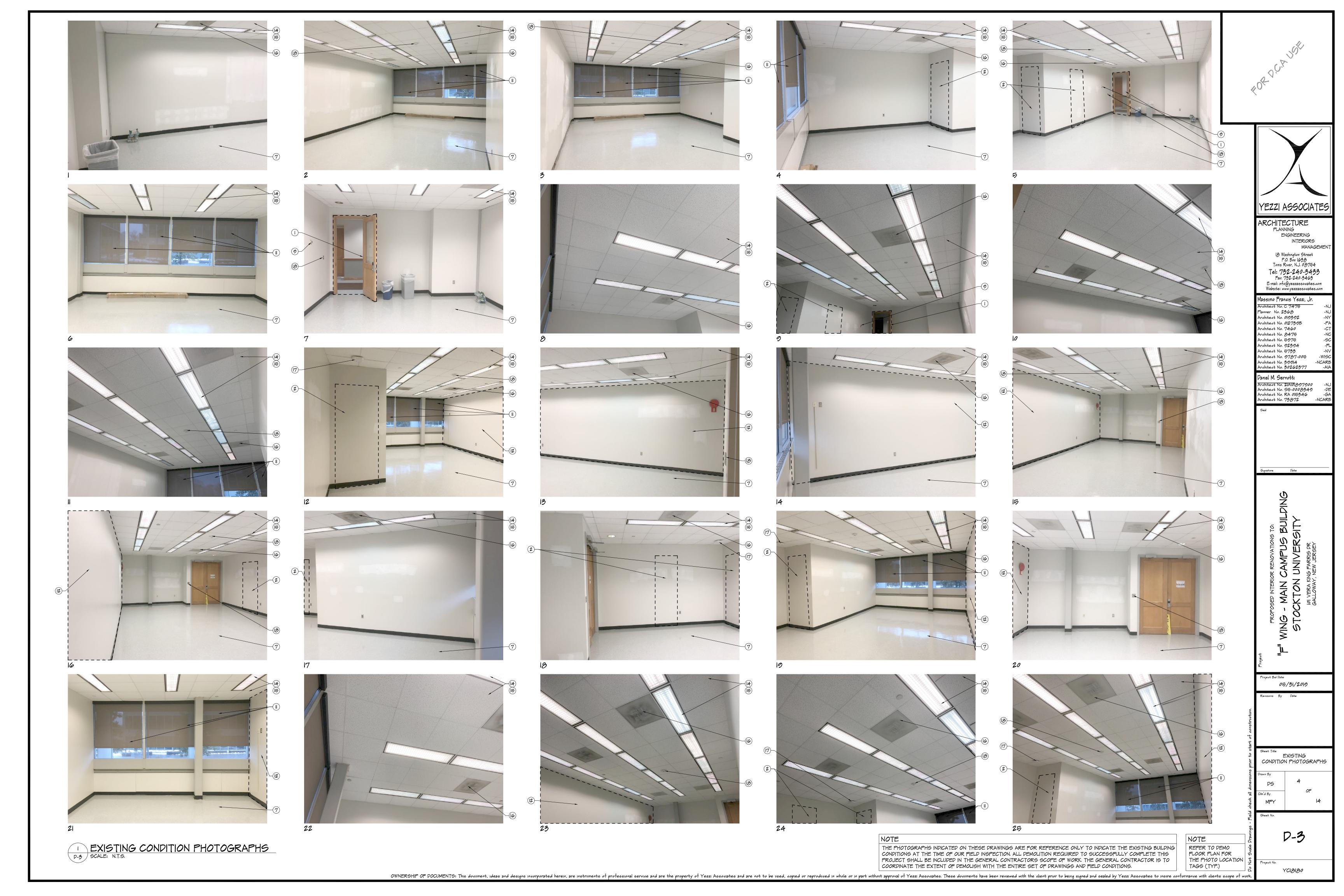
PROJECT DATA, CODE RESEARCH,

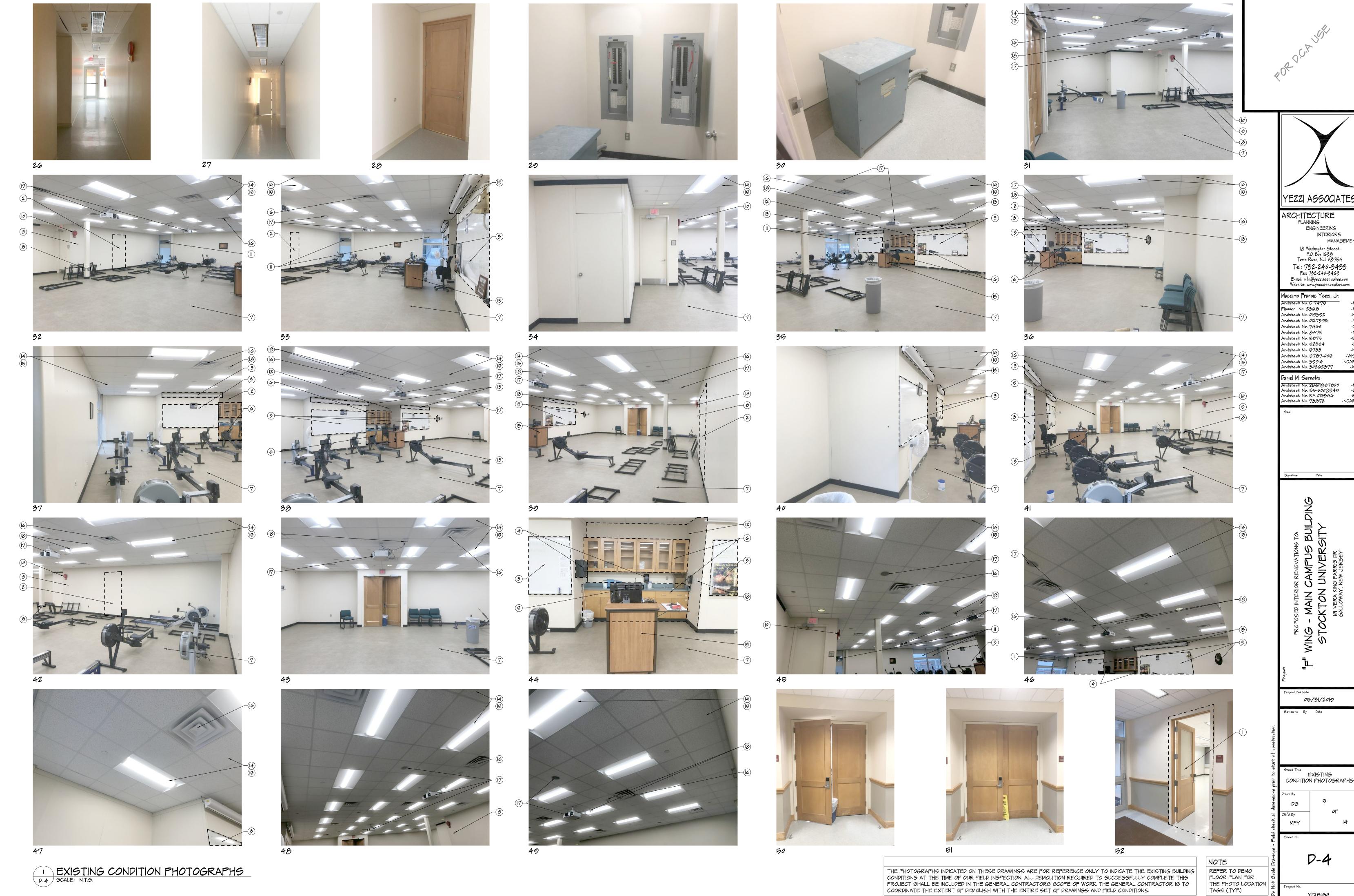
& SCOPE OF WORK

YC18180









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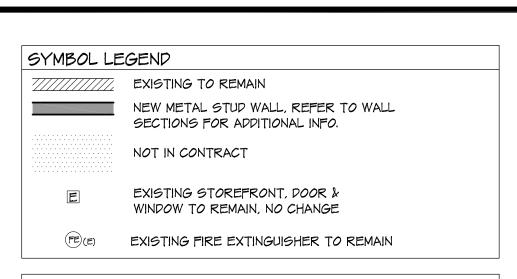
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Architect No. ZIAI01807000 Architect No. S5-0008340 Architect No. RA 015346 Architect No. 73872

EXISTING
CONDITION PHOTOGRAPHS

YC18180



GENERAL NOTES

G.C. IS TO PROVIDE AND INSTALL NEW ROOM SIGNAGE FOR ALL AREAS IN THE SCOPE OF WORK. COORDINATE LOCATION, QUANTITY, & ROOM NUMBERS WITH THE OWNER. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION (TYP.)

FURNITURE INDICATED IS CONCEPT ONLY AND IS NOT IN CONTRACT. ALL FINAL FURNITURE TO BE BY OWNER (TYP.)

TAGGED NOTES

- A) PROPOSED CUSTOM FLOOR DISPLAY CASE AS MANUFACTURED BY "WADDELL", MODEL # 2176 AS SPECIFIED, OR ARCHITECT / OWNER APPROVED EQUAL. PROVIDE COMPLETE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION (TYP.)
- (B) PROPOSED COPIER, BY OWNER, G.C. TO PROVIDE ELECTRICAL AND DATA AS INDICATED ON ELECTRICAL DRAWINGS (TYP.)
- C) PROVIDE AND INSTALL NEW 5/8" (T) IMPACT RESISTANT TYPE "X" GYPSUM BOARD SECURED TO EXISTING STUDS (TYP.)
- PROVIDE AND INSTALL NEW FULL HEIGHT SHADES AT ALL EXISTING WINDOWS/STOREFRONT AS MANUFACTURED BY "MECHO SYSTEMS", MODEL # MECHO/5 SYSTEM AS SPECIFIED, OR ARCHITECT / OWNER APPROVED EQUAL. PROVIDE COMPLETE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION (TYP.)
- E) PROVIDE AND INSTALL NEW 4'-0" HIGH MARKERBOARDS AS MANUFACTURED BY "CLARIDGE", MODEL # SERIES 4 W/ ALUM. TRIM AS SPECIFIED, OR ARCHITECT / OWNER APPROVED EQUAL. LENGTH AS INDICATED ON PLAN. PROVIDE COMPLETE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION (TYP.)
- PROVIDE AND INSTALL NEW FULL HEIGHT FULL THICKNESS SOUND BATT INSULATION AT THIS WALL (TYP.)
- G) PROPOSED T.V. BY OWNER, G.C. TO PROVIDE ELECTRICAL AND DATA AS INDICATED ON ELECTRICAL DRAWINGS, AND PROVIDE SOLID BLOCKING BEHIND ALL T.V. LOCATIONS. G.C. TO REMOVE AND REPLACE ANY EXISTING GYPSUM BOARD AS REQUIRED TO INSTALL SOLID BLOCKING (TYP.)
- 1) PROVIDE AND INSTALL NEW WOOD BASE & CHAIR RAIL TO MATCH EXISTING (TYP.)
- PROVIDE AND INSTALL NEW 3030 FIXED HOLLOW METAL INTERIOR WINDOW, REFER TO A-3 FOR ADDITIONAL INFORMATION (TYP.)

DECTROOM ACCECCORIEC

RES"	TROOM ACCESSORIES		
TAG	ACCESSORY	MODEL #	MOUNTING HEIGHT
A	SIDE GRAB BAR /2"Ø 42" x L	BRADLEY 812	33"-36" A.F.F TO TOP OF BAR
B	BACK GRAB BAR 1/2"Ø 36" x L	BRADLEY 812	33"-36" A.F.F TO TOP OF BAR
©	VERTICAL GRAB BAR I I/2"Ø I8" x L	BRADLEY 812	30"-41" A.F.F. TO BOTTOM OF BAR
P	TOILET TIGGUE DIGPENGER	BAY WEST 80300	IG" A.F.F. TO OUTLET
E	MIRROR	BRADLEY 781-1836	40" MAX. A.F.F. TO BOTTOM OF MIRRO
(F)	SOAP DISPENSER	BAY WEST 92000	44" MAX. A.F.F. TO OPERATOR
(G)	PAPER TOWEL DISPENSER	BAY WEST 70500	UNOBSTRUCTED - 15"-4 A.F.F. TO OPERATOR OBSTRUCTED - 44" MA A.F.F. TO OPERATOR
H	WASTE RECEPTACLE	BOBRICK B-277	15"-48" A.F.F. TO OPENING
1	TOWEL/COAT HOOK	BRADLEY 9114	48" MAX. A.F.F. TO TOP OF HOOK
J	P TRAP LAVATORY GUARD	-	-

TYPICAL TOILET ROOM NOTES

MANUFACTURERS (OR AN ARCHITECT/OWNER APPROVED SUBSTITUTE)

"BRADLEY CORPORATION", "BAY WEST", "BOBRICK",

ACCESSORIES:

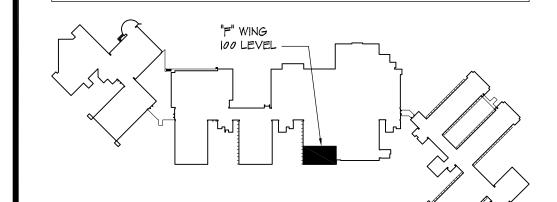
REFER TO PLUMBING DRAWINGS FIXTURES:

"RUBBERMAID"

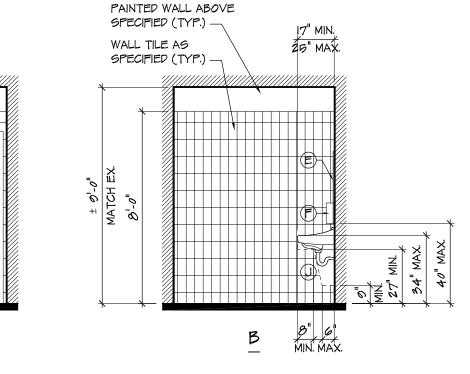
H.C. GRAB BAR NOTES

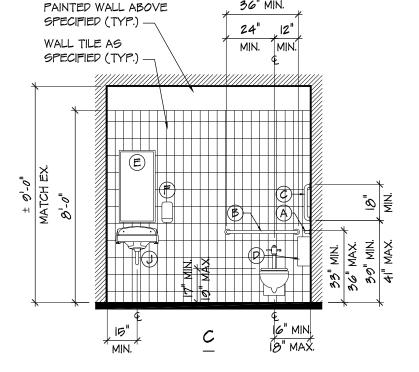
- PROVIDE CONTINUOUS STAINLESS STEEL WALL MOUNTING KIT AND ANCHORING DEVICES. FIELD VERIFY FOR EXACT NUMBER AND TYPE OF GRAB BARS. MOUNTING KITS REQUIRED (TYP.) PROVIDE SOLID BLOCKING AS REQUIRED FOR GRAB BARS ETC., CONTRACTOR
- TO VERIFY EXACT LOCATION(S) IN FIELD (TYP.) ALL HARDWARE AND ACCESSORIES TO BE STAINLESS STEEL (TYP.)
- G.C. TO PROVIDE AND INSTALL ALL ACCESSORIES, G.C. TO PROVIDE FULL SHOP DRAWINGS FOR ALL TOILET ROOM ACCESSORIES (TYP.)
- ALL TOILET ROOM FIXTURES AND ACCESSORIES TO BE INSTALLED IN COMPLIANCE WITH ICC/ANSI AII7.1-2009 AND N.J.U.C.C. "BARRIER FREE" AND ADA REQUIREMENTS (TYP.)
- G.C. TO PROVIDE ALL RELATED ACCESSORIES REQUIRED TO COMPLETE THE INSTALLATION OF ALL FIXTURES & ACCESSORIES (TYP.)
- ALL FAUCETS ARE TO BE ADA COMPLAINT W/ A MAX. GPM OF 0.5 (TYP.) PROVIDE SOLID SUPPORT AT WALLS FOR FIXTURES AND ACCESSORIES AS
- REQUIRED BY MANUFACTURER, 250 LB. PULL PRESSURE (TYP.) G.C. IS TO REPORT ANY DISCREPANCIES IMMEDIATELY TO ARCHITECT PRIOR
- TO INSTALLATION FOR ALTERNATE INSTALLATION LOCATIONS (TYP.) G.C. TO INSTALL PROPOSED FLOOR FINISH TO PROVIDE POSITIVE DRAINAGE

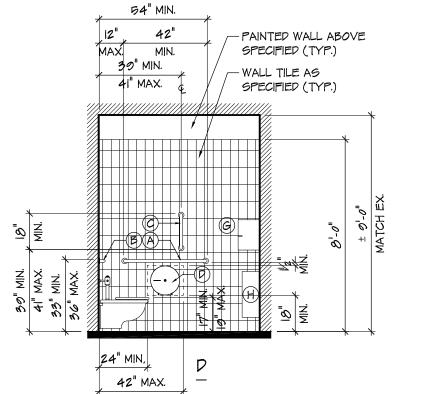
TO THE PROPOSED FLOOR DRAIN LOCATION (TYP.)

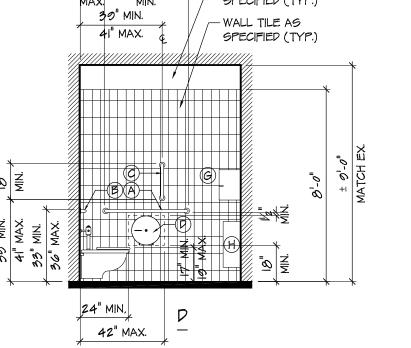


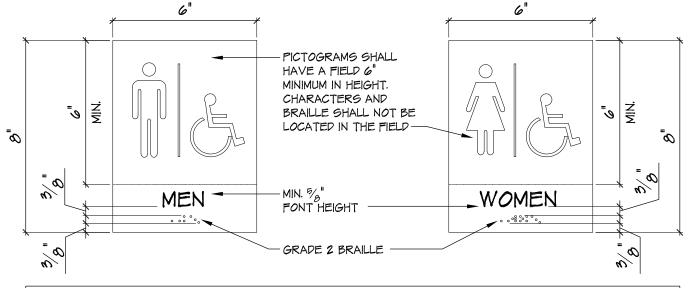
KEY PLAN







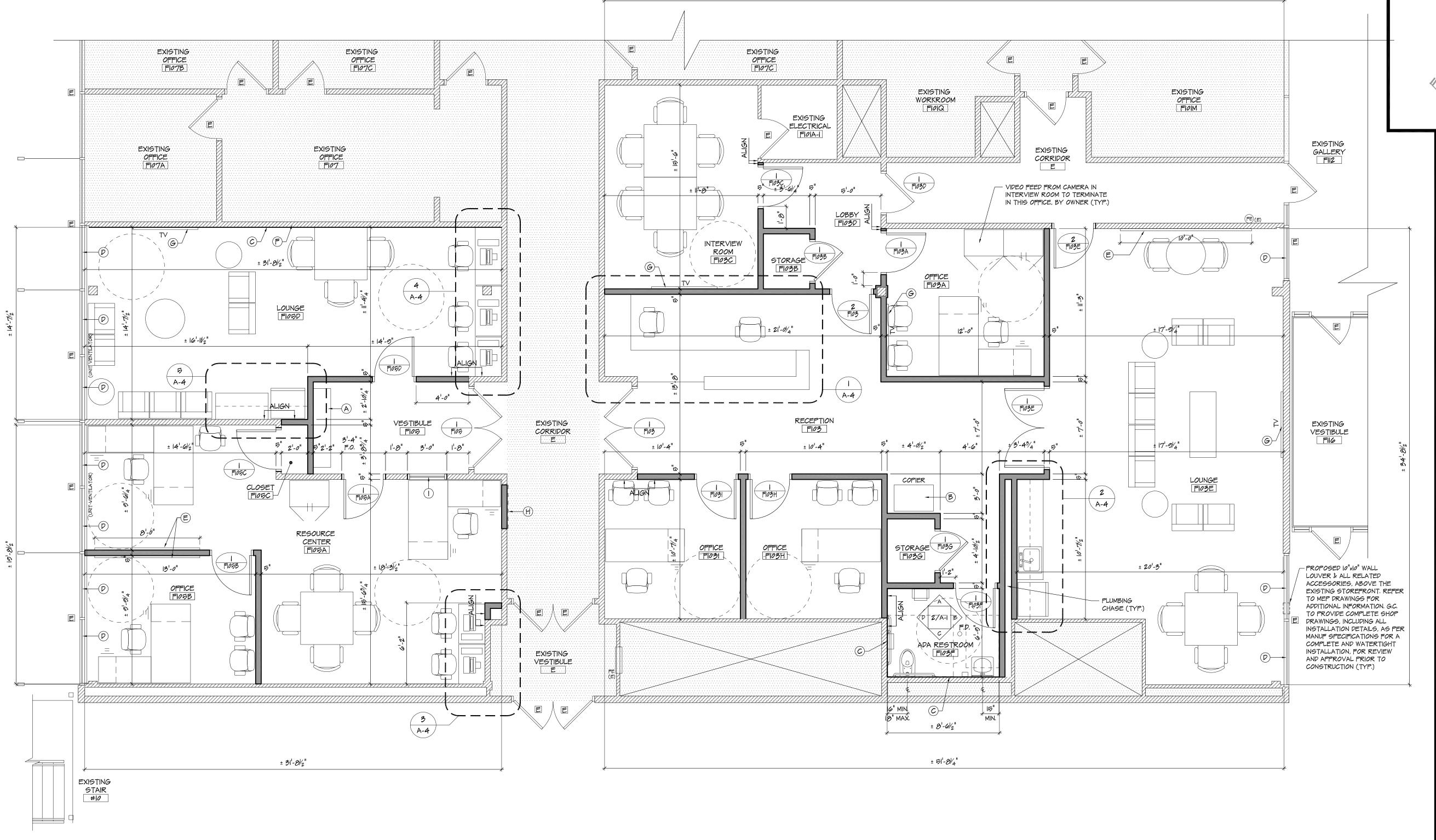




RESTROOM SIGNAGE NOTES

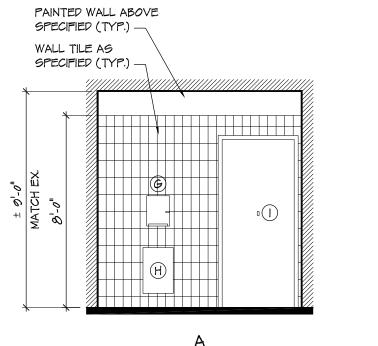
THE GENERAL CONTRACTOR TO PROVIDE AND INSTALL NEW SIGNAGE AT ALL TOILET ROOMS (TYP.) ALL SIGNAGE SHALL CONFORM WITH APPLICABLE ADA ACCESSIBILITY GUIDELINES, INCLUDING BUT NOT LIMITED TO CLEARANCES, PROPORTION, COLOR CONTRAST & RELIEF, AND GRADE 2 BRAILLE REQUIREMENTS (TYP.)). THE GENERAL CONTRACTOR TO PROVIDE FULL SIGNAGE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO ANY WORK BEING DONE (TYP.)

4. ALL SIGNAGE TO BE INSTALLED AS PER MANUFACTURER SPECIFICATIONS (TYP.)

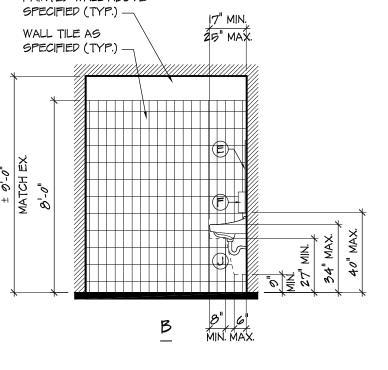


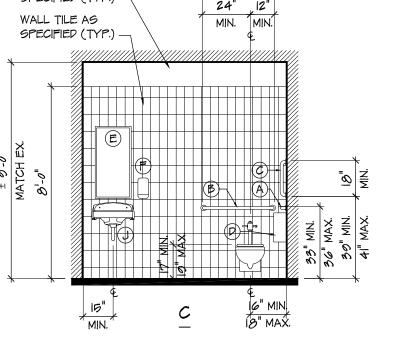
PROPOSED FLOOR PLAN - "F" WING (100 LEVEL)

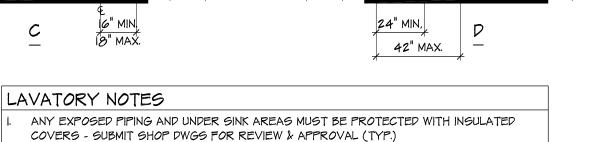
SCALE: 1/4"=1'-0"



2 ADA RESTROOM ELEVATIONS
SCALE: 1/4"=1'-0"







PROPOSED FLOOR PLAN NOTES & DETAILS DS Chk¹d By

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Architect No. 21A101897900

Architect No. 55-0008349 Architect No. RA 015346

Date

05/31/2019

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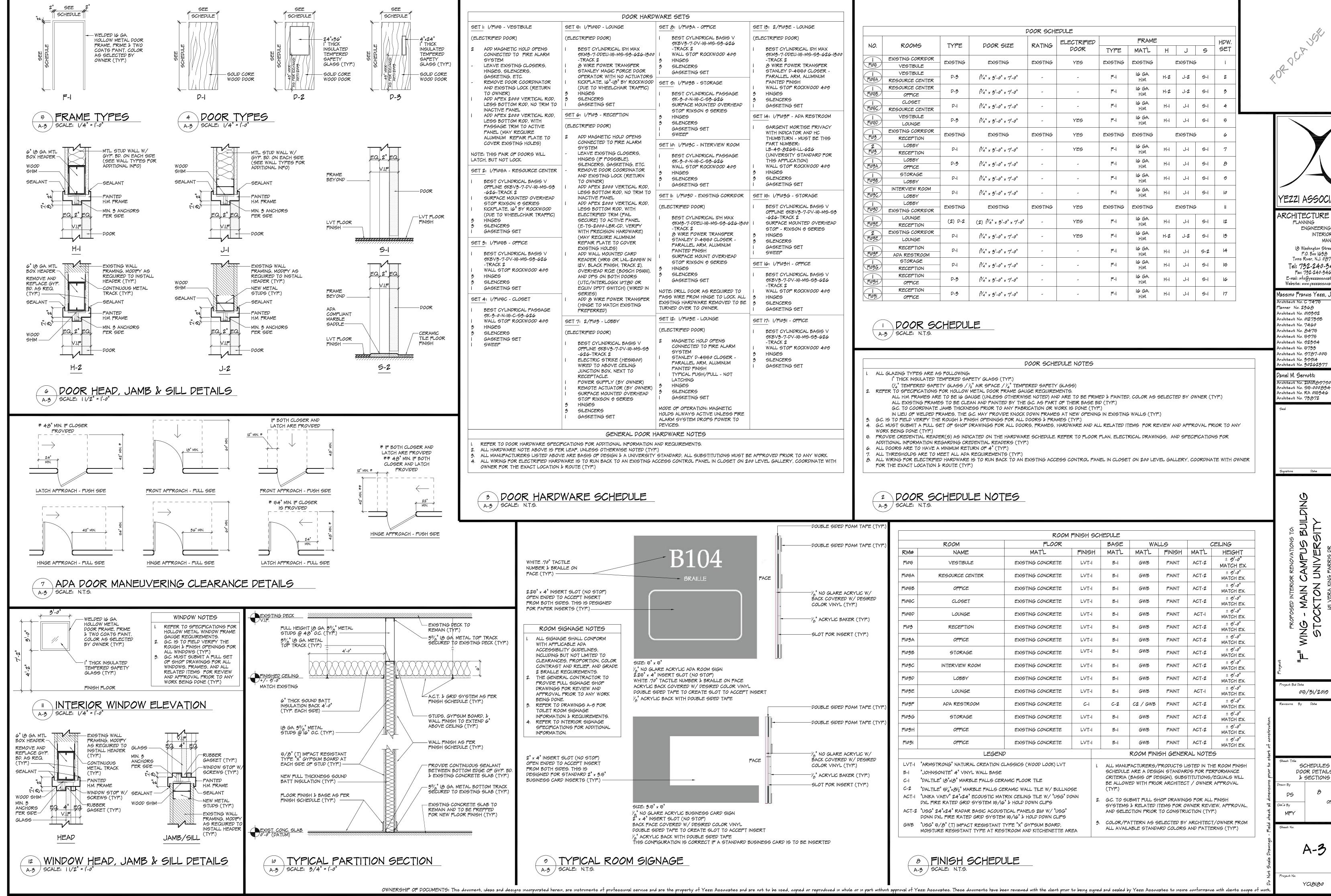
ARCHITECTURE

PLANNING

DEPENDING UPON CONFIGURATION OF CLEAR FLOOR SPACE, MAX. HEIGHT OF CONTROLS RANGES FROM 3'-8" TO 4'-8" AND THE MINIMUM HEIGHT RANGES FROM 9" TO 2'-10" (TYP.) OWNERSHIP OF DOCUMENTS: This document, ideas and designs incorporated herein, are instruments of professional service and are not to be used, copied or reproduced in whole or in part without approval of Yezzi Associates and are not to be used, copied or reproduced in whole or in part without approval of Yezzi Associates and are not to be used, copied or reproduced in whole or in part without approval of Yezzi Associates. These

± 51'-81/4"





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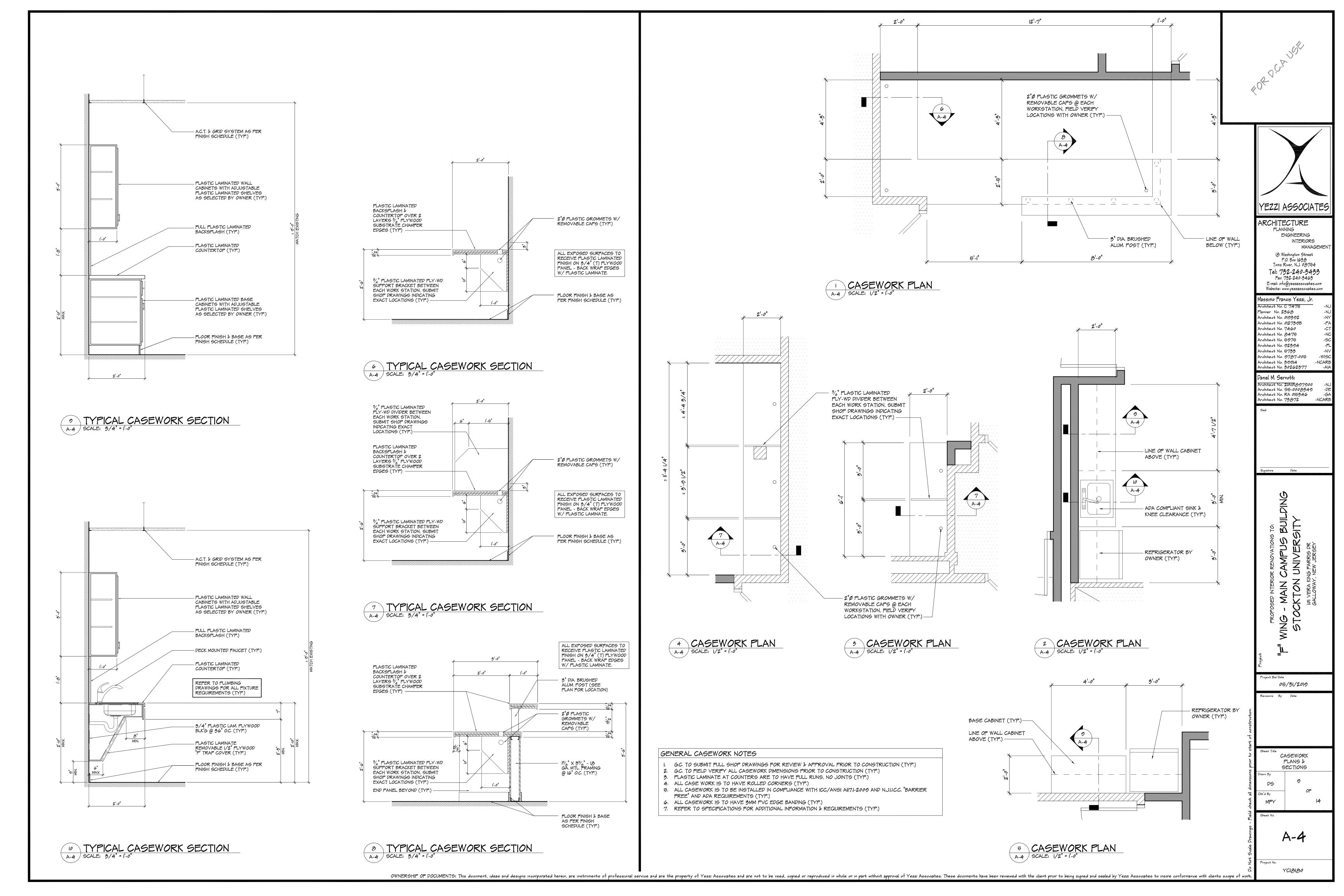
Architect No. ZIAIOI897900

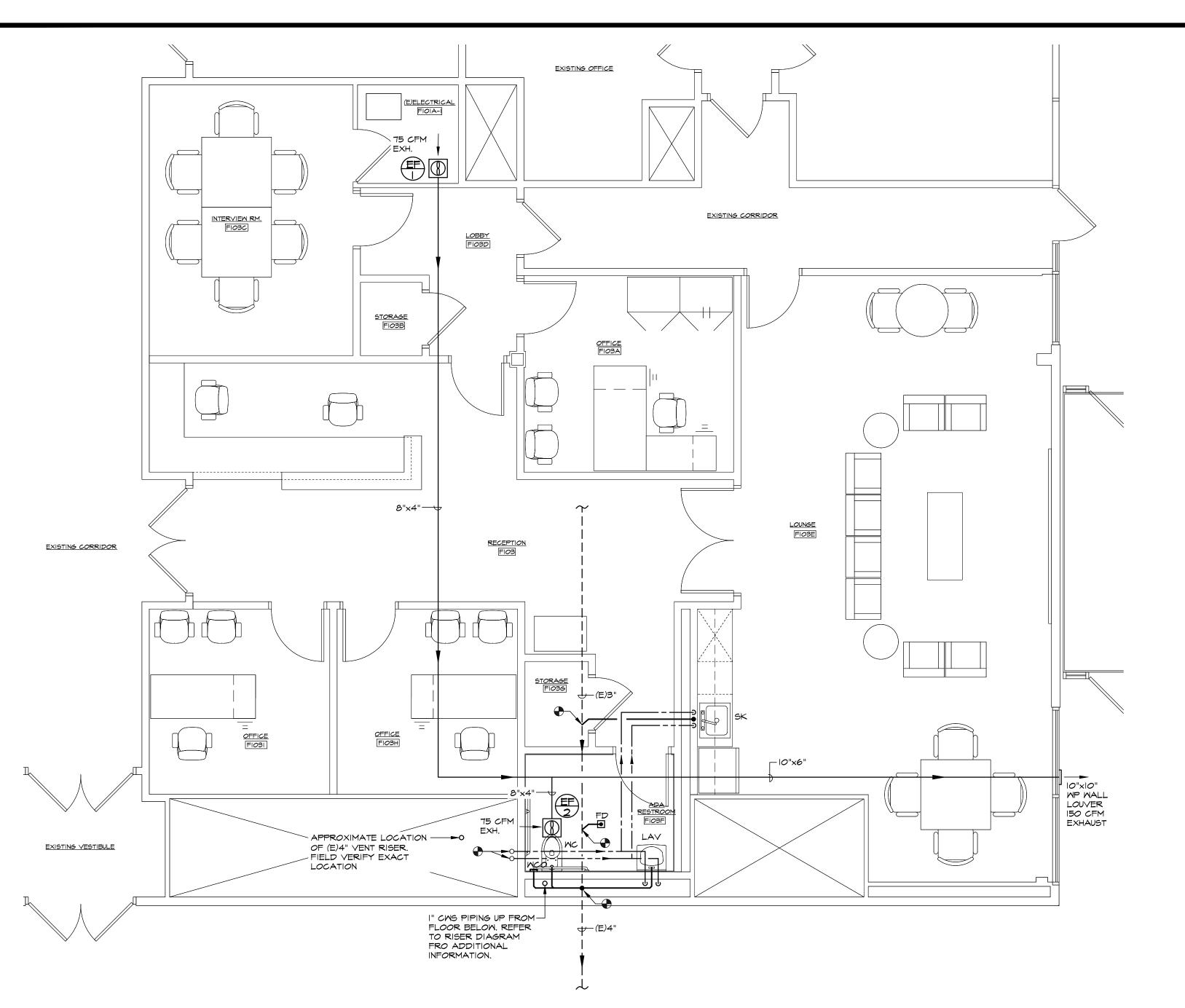
Architect No. 55-0008349 Architect No. RA 015346

CAMPUS BUI

05/31/2010

DOOR DETAILS & SECTIONS





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

	LEGEND
	EXISTING WASTE PIPING
	WASTE PIPING
	COLD WATER SUPPLY
	HOT WATER SUPPLY
	VENT PIPING
	BALL VALVE SHUTOFF
\bowtie	FIXTURE STOP
• FD	FLOOR DRAIN
•	CONNECTION POINT BETWEEN NEW AND EXISTING

ABBREVIATIONS SCHEDULE

EXISTING TO REMAIN UNLESS OTHERWISE NOTED

WATER CLOSET

NOTE:
AREA ABOVE CEILING IS A PLENUM AIR SPACE. ALL WIRING, DEVICES, MATERIALS, PRODUCTS, ETC. PLACED ABOVE THE CEILING SHALL BE LABELED AND RATED FOR USE IN A PLENUM AIR SPACE.

	PLUMBING FIXTURE SCHEDULE								
SYMBOL	TYPE OF EQUIPMENT	MANUF./MODEL#	DRAIN	VTR	HMS	CMS	SFU	DFU	DESCRIPTIONS
LAV	BARRIER FREE LAVATORY	AMERICAN STANDARD #0355.012	1 1/4"	1/4"	1/2"	1/2"	1.0	1.0	VITREUOS CHINA, MALL HUNG, FAUCET HOLES @ 4" CENTERS, PROVIDE SLOAN FAUCET #ETF-600-B-BDT
MC	BARRIER FREE WATER CLOSET	AMERICAN STANDARD #2257.101	3"	1/2"	-	1"	5.0		I.28 GALLON, FLUSH VALVE TOILET, WALL MOUNTED I I/2" TOP SPUD, W/ OPEN FRONT SEAT AND SLOAN FLUSH VALVE #III-I.28 ES-S
SK	BARRIER FREE SINK	ELKAY #LRADI91955	1 1/2"	1 1/2"	1/2"	1/2"	1.0		SINGLE BOWL, 18 GAUGE, W/3 1/2" DRAIN OPENING, 3 FAUCET HOLES, W/ DELTA FAUCET #26C3942
FD	FLOOR DRAIN	ZURN #Z4159	3"	1 1/2"	-	-	-		DURA-COATED CAST IRON BODY W/ INVERTIBLE MEMBRANE CLAMP, ADJUSTABLE COLLAR AND HEEL-PROOF STRAINER

. CONTRACTOR SHALL PROVIDE JAY R SMITH 0700 SERIES OR EQUAL FLOOR MOUNTED FIXTURE SUPPORT WITH CONCEALED ARMS FOR ALL WALL MOUNTED LAVATORIES.

2. CONTRACTOR SHALL PROVIDE JAY R SMITH 0200 SERIES OR EQUAL FLOOR MOUNTED FIXTURE SUPPORT FOR ALL WATER CLOSETS.

3. CONTRACTOR SHALL PROVIDE SLOAN TRANSFORMER MODEL #EL-208, 120V/24V, FOR ELECTRONIC FAUCET OPERATION AS INDICATED ON THE DRAWINGS. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.

	EXHAUST FAN SCHEDULE								
SYMBOL	MANUFACTURE MODEL NO.	CFM	S.P.	SONES	ELECTRIC VOLT PHASE WATTS			RPM	REMARKS
EF	COOK GC-148	75	.5	3.0	120	I	47	1075	
EF 2	COOK GC-148	75	.5	3.0	120	1	47	1075	

I. FAN SHALL HAVE INTEGRAL BACK DRAFT DAMPER. 2. PROVIDE ALL MOUNTING HARDWARE INCLUDING VIBRATION ISOLATORS.

PLUMBING GENERAL NOTES

I. THE WORK TO BE PERFORMED UNDER THE PLUMBING PLANS AND SPECIFICATIONS CONSISTS OF FURNISHING ALL MATERIAL AND LABOR FOR THE COMPLETE INSTALLATION OF ALL PLUMBING SYSTEMS FOR TENANT SPACES. THE WORK SHALL INCLUDE BUT NOT LIMITED TO THE FOLLOWING:

A. COLD AND HOT WATER SYSTEMS B. DRAINAGE AND VENT SYSTEMS

- 2. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES TO AVOID CONFLICT AND TO FACILITATE THE WORK WITHOUT CAUSING UNNECESSARY DELAYS. IMMEDIATELY REPORT ANY DISCREPANCIES, IN WRITING, TO THE ENGINEER. ALL CHANGES AND/OR ALTERATIONS REQUIRE REVIEW AND APPROVAL BY THE ENGINEER.
- 3. CONTRACTOR SHALL INSTALL PLUMBING EQUIPMENT IN STRICT COMPLIANCE WITH THE MANUFACTURES WRITTEN RECOMMENDATIONS AND INSTRUCTIONS.

C. INSULATION

- I. ALL WORK IS TO BE PERFORMED IN STRICT COMPLIANCE WITH THE 2015 EDITION OF THE NATIONAL STANDARD PLUMBING CODE, ALL LOCAL CODES, AND ALL OTHER REGULATION GOVERNING WORK OF THIS NATURE.
- 2. THIS CONTRACTOR IS RESPONSIBLE FOR ALL WORK MATERIALS AND LABOR TO SATISFY A COMPLETE AND WORKING SYSTEM WHETHER SPECIFIED OR IMPLIED.
- 3. DO NOT SCALE THIS DRAWING FOR EXACT DIMENSIONS. VERIFY ALL FIGURES, CONDITIONS, DIMENSIONS, ETC. AT THE JOB SITE.
- 4. LOCATIONS OF EXISTING EQUIPMENT, PIPING, VENTS, ETC. HAVE BEEN TAKEN FROM BEST AVAILABLE INFORMATION. THE DRAWINGS ARE INTENDED TO BE USED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS NOT TO SCALE DRAWINGS OR ASSUME THAT ALL COMPONENTS ARE SHOWN. HE SHALL VISIT THE SITE TO DETERMINE THE TOTAL EXTENT OF

REMOVALS AND NEW WORK AS DIAGRAMMED ON THE PLANS, EXTRA COMPENSATION FOR

5. THIS CONTRACTOR SHALL COORDINATE ALL WORK WITH A COMPLETE SET OF M/P/E AND ARCHITECTURAL DESIGN DRAWINGS IF APPLICABLE. IMMEDIATELY REPORT ANY DISCREPANCIES TO THE ENGINEERS OFFICE.

FAILURE TO COMPLY WITH THE ABOVE STATEMENT WILL NOT BE CONSIDERED.

- 6. THE CONTRACTOR SHALL SECURE ALL PERMITS OR APPLICATIONS AND PAY ANY AND ALL
- 7. ALL PLUMBING FIXTURES SHALL BE SEPARATELY VALVED.
- 8. ALL WATER BRANCHES AND RISERS SHALL BE SEPARATELY VALVED.
- 9. CONTRACTOR SHALL PROVIDE AND INSTALL ALL HOT & COLD WATER CONNECTIONS TO THE PLUMBING FIXTURES.
- 10. CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR FOR THE INSTALLATION OF METAL ACCESS DOORS BY MILCOR STYLE "DW" (NON FIRE RATED) OR STYLE "UFR" (1 1/2 HOUR FIRE RATED) AT ALL LOCATIONS REQUIRED TO ACCESS VALVES, DEVICES, ETC. CONCEALED ABOVE CEILINGS OR IN WALLS.
- II. CONTRACTOR SHALL PROVIDE WATER HAMMER ARRESTORS ON APPLIANCES/FIXTURES THAT HAVE FAST CLOSING VALVES. APPLIANCES/FIXTURES SHALL INCLUDE BUT NECESSARILY LIMITED TO CLOTHES WASHER, DISH WASHER, SELF CLOSING VALVES, PULSATING SHOWER

HEADS, ETC.

- CONTRACTOR IS RESPONSIBLE FOR SELECTIVE DEMOLITION IN ALL AREAS AS REQUIRED TO ACCOMMODATE THE PROJECT SCOPE OF WORK, ALL SYSTEMS AND ANCILLARY COMPONENTS MADE OBSOLETE SHALL BE COMPLETELY REMOVED AND DISPOSED. INSTALL BY-PASS WHERE REQUIRED TO MAINTAIN THE INTEGRITY OF OVERALL SYSTEMS REMAINING AND SERVING AREAS OUTSIDE THE SCOPE OF WORK AREA.
- 2. CONTRACTOR SHALL REVIEW PERFORM A SITE INSPECTION TO ESTABLISH EXTENT OF DEMOLITION PRIOR TO BID.

I. SUBSTITUTES AND "OR EQUAL" SUBMISSION MUST BE APPROVED IN WRITING BY ENGINEER PRIOR TO SUBMISSION OF BID.

- SUBMIT MANUFACTURES LITERATURE TO ENGINEERS OFFICE WHICH INDICATES THAT THE EQUIPMENT MEETS REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS. SUBMITTALS SHALL INCLUDE BUT NOT BE LIMITED TO PLUMBING FIXTURES
- PIPING / FITTINGS VALVES INSULATION

DUCTMORK

- I. CONTRACTOR SHALL INSTALL EXHAUST FANS, INCLUDING ALL DUCTWORK, BACK DRAFT DAMPERS, CAPS SCREENS, AND RELATED HARDWARE TO PROVIDE EXHAUST TO EXTERIOR OF BUILDING.
- 2. ALL JOINTS TO BE SEALED WITH DUCT MASTIC AND TAPE IN ACCORDANCE WITH SMACNA
- 3. ALL DUCT DIMENSIONS SHOWN ARE NET INSIDE VALUES. DIMENSIONS MAY BE CHANGED AS LONG AS NET FREE FACE AREA IS MAINTAINED.

LOUVER SCHEDULE

POTTORFF EXTRUDED ALUMINUM LOUVER MODEL #EFD-445,

4" DEEP, 45° DRAINABLE BLADE. VERIFY SIZES ON PLAN.

FACTORY BAKED ENAMEL FINISH - COLOR SELECTION

NOTE: CONTRACTOR SHALL CONFIRM WALL THICKNESS BEFORE FINAL FRAME DEPTH IS SELECTED.

PROVIDE WITH THE FOLLOWING:

BY OWNER/ARCHITECT

BIRD/INSECT SCREEN

4. SUPPORT DUCTWORK AT A MAXIMUM INTERVAL OF 16'-O" AND NO MORE THAN 2'-O" FROM FITTINGS AND BRANCH TAKEOFFS.

- I. PROVIDE STENCILED PIPE MARKERS OR PLASTIC TAPE WITH COLOR COMPLYING WITH ANSI AI3.I INCLUDE DIRECTION OF FLOW.
- 2. LOCATE MARKERS NEAR VALVES, EACH BRANCH TAKE OFF AND NEAR MAJOR EQUIPMENT. MAXIMUM SPACE INTERVALS SHALL NOT EXCEED 50'-0".

FLUSHING AND DISINFECTING POTABLE WATER SYSTEMS

I. PRIOR TO BEING PLACED INTO SERVICE, ALL POTABLE WATER SYSTEMS SHALL BE FLUSHED AND DISINFECTED IN ACCORDANCE WITH NSPC 2015, SECTION 10.9 "FLUSHING AND DISINFECTING

POTABLE WATER SYSTEMS".

- I. CONTRACTOR SHALL PERFORM THE FOLLOWING TESTS IN ACCORDANCE WITH NSPC 2015: A. DRAINAGE AND VENT SYSTEMS - SECTION 15.4
 - ROUGH PLUMBING SECTION 15.4.1
- FINISHED PLUMBING SECTION 15.4.2 B. BUILDING SEMER - SECTION 15.5

C. WATER SUPPLY SYSTEMS - SECTION 15.6 SOIL WASTE AND VENT PIPING

- I. SOIL WASTE PIPING AND FITTINGS SHALL BE HUBLESS CAST IRON.
- 2. VENT PIPING AND FITTINGS SHALL BE HUBLESS CAST IRON.
- 3. ALL VENT PIPING SHALL HAVE A MINIMUM SLOPE OF 1/4" PER FOOT AND SHALL DRAIN TO
- 4. ALL WASTE PIPING SHALL SLOPE AS FOLLOWS:
- 3" AND SMALLER SHALL HAVE A SLOPE OF 1/4" PER FOOT 4" AND LARGER SHALL HAVE A SLOPE OF 1/8" PER FOOT
- 5. PROVIDE EXTRA DEEP TRAP WITH "SURE SEAL" INLINE FLOOR DRAIN TRAP SEALERS ON ALL FLOOR DRAINS AND FLOOR SINKS ..
- 6. DO NOT INSTALL PLASTIC PIPING ABOVE CEILINGS USED AS ENVIRONMENTAL AIR SPACES OR AS OTHERWISE PROHIBITED BY LOCAL CODE. INSTALL HUBLESS CAST IRON OR COPPER PIPE.
- 7. SUPPORT PIPING AT MAXIMUM 4'-O" INTERVALS.

I. ALL HOT AND COLD WATER PIPING TO BE INSULATED WITH A MINIMUM OF I" FIBERGLASS JACKETED INSULATION (ASTM C547, CLASS I) WITH A FLAME SPREAD RATING OF 25 AND SMOKE DEVELOPED RATING OF 50.

WATER PIPING

AN APPROVED FLUX.

SINKS - 120°F

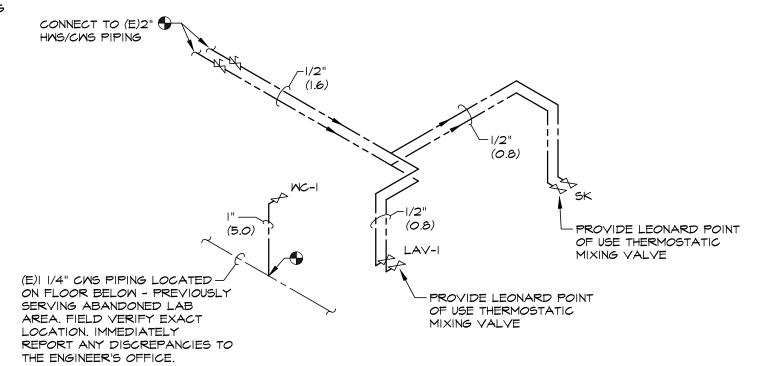
- I. DOMESTIC WATER PIPING SHALL BE TYPE "L" COPPER TUBING ABOVE GROUND OR TYPE "K" BELOW GROUND WITH SOLDERED JOINTS USING LEAD FREE SOLDER, PROPERLY CLEANED, USING
- 2. SUPPORT PIPING AT MAXIMUM 5'-O" INTERVALS FOR PIPING UP TO 2" AND AT 8'-O" INTERVALS FOR 2 1/2" AND UP.
- 3. DOMESTIC HOT WATER TEMPERATURES SHALL BE AS FOLLOWS: PUBLIC HAND WASHING FACILITIES - 105°F
- 4. PROVIDE LEONARD POINT OF USE THERMOSTATIC MIXING VALVES MODEL 270-LF OR EQUAL AT MAXIMUM SET POINT OF 105° AS FOLLOWS: IN PUBLIC TOILET ROOMS

I. ALL EXPOSED PIPES EXCEPT AS OTHERWISE DESCRIBED PASSING THROUGH WALLS, FLOORS, CEILING, ETC. IN FINISHED SPACES SHALL BE PROVIDED WITH SOLID PATTERN BRASS CHROME PLATED ESCUTCHEONS WITH SET SCREW.

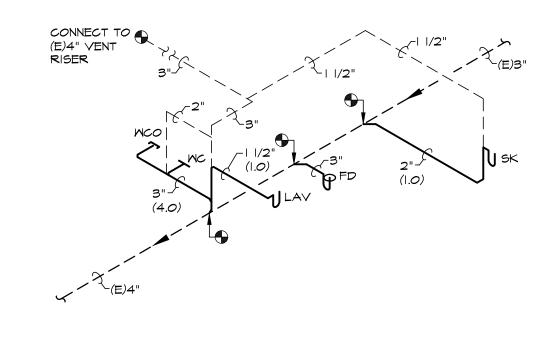
BARRIER FREE REQUIREMENT

I. ALL EXPOSED WASTE AND WATER PIPING WITHIN A BARRIER FREE BATHROOM SHALL BE INSULATED WITH A PRODUCT EQUAL TO IPS CORP. "TRUEBRO" LAY GUARD 2 UNDERSINK PROTECTIVE PIPE COVERS WITH INTERNAL, EZ TEAR-TO-FIT TRIM FEATURE FOR SQUARE CLEAN TRIMMING, INTERNAL RIBS AND BUILT-IN, CONCEALED E-Z GRIP FASTENERS (NO CABLE TIE FASTENERS ALLOWED).

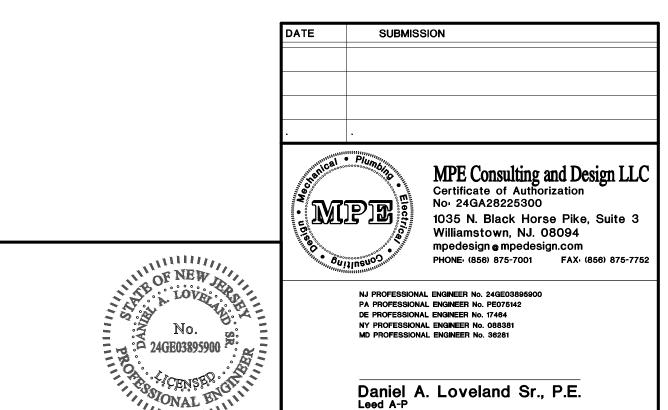
PENETRATIONS FOR CABLES, CABLETRAYS, CONDUITS, PIPES, TUBES, COMBUSTION VENTS, AND EXHAUST VENTS, WIRES, AND SIMILAR ITEMS TO ACCOMMODATE ELECTRICAL, MECHANICAL, PLUMBING, AND COMMUNICATIONS SYSTEMS THAT PASS THROUGH A WALL, FLOOR, OR FLOOR/CEILING ASSEMBLY CONSTRUCTED AS A FIRE BARRIER SHALL BE PROTECTED BY A FIRESTOP SYSTEM OR DEVICE. THE FIRESTOP SYSTEM OR DEVICE SHALL BE TESTED IN ACCORDANCE WITH ASTM E 814 OR ANSI / UL 1479.

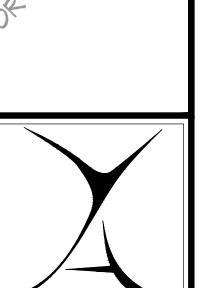


WATER PIPING RISER DIAGRAM



MASTE PIPING RISER DIAGRAM





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Architect No. 019392 Architect No. 012739B Architect No. 7460 Architect No. 8475 Architect No. 5975 Architect No. 92394 Architect No. 5733 Architect No. 0787-005 Architect No. 30014 Architect No. 30262377

Daniel M. Sernotti rchitect No. 21A101897900 Architect No. 55-0008340 Architect No. RA 015346 Architect No. 73872

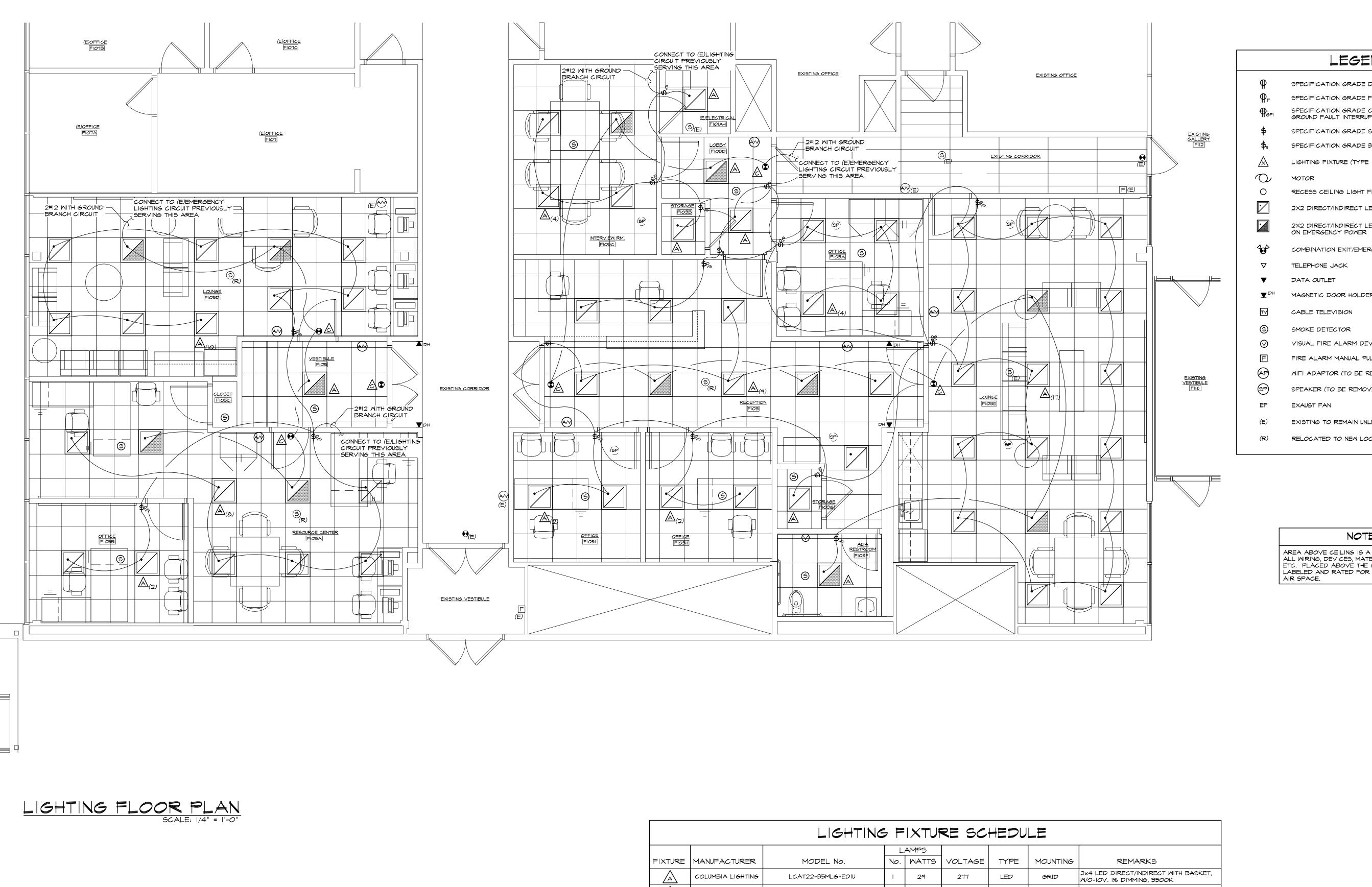
5/31/2019

PLUMBING FLOOR PLAN, NOTES AND SCHEDULES ACO III

DJF

YC18180

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LEGEND

SPECIFICATION GRADE DUPLEX RECEPTACLE SPECIFICATION GRADE FLOOR BOX RECEPTACLE SPECIFICATION GRADE COUNTERTOP HEIGHT GROUND FAULT INTERRUPTER

SPECIFICATION GRADE SINGLE POLE SWITCH SPECIFICATION GRADE 3-WAY TOGGLE SWITCH

LIGHTING FIXTURE (TYPE 'X' SEE SCHEDULE)

MOTOR

RECESS CEILING LIGHT FIXTURE

2X2 DIRECT/INDIRECT LED RECESSED FIXTURE 2X2 DIRECT/INDIRECT LED RECESSED FIXTURE

COMBINATION EXIT/EMERGENCY FIXTURE

TELEPHONE JACK

DATA OUTLET

MAGNETIC DOOR HOLDERS

CABLE TELEVISION

SMOKE DETECTOR

VISUAL FIRE ALARM DEVICE

FIRE ALARM MANUAL PULL STATION

WIFI ADAPTOR (TO BE REMOVED BY OWNER)

SPEAKER (TO BE REMOVED BY OWNER)

EXAUST FAN

EXISTING TO REMAIN UNLESS OTHERWISE NOTED

RELOCATED TO NEW LOCATION AS SHOWN

AREA ABOVE CEILING IS A PLENUM AIR SPACE. ALL WIRING, DEVICES, MATERIALS, PRODUCTS, ETC. PLACED ABOVE THE CEILING SHALL BE LABELED AND RATED FOR USE IN A PLENUM AIR SPACE.

LIGHTING FIXTURE SCHEDULE									
			L	AMPS					
FIXTURE	MANUFACTURER	MODEL No.	No.	MATTS	VOLTAGE	TYPE	MOUNTING	REMARKS	
\triangle	COLUMBIA LIGHTING	LCAT22-35MLG-EDIU	ı	29	277	LED	GRID	2×4 LED DIRECT/INDIRECT WITH BASKET, W/O-IOV. 1% DIMMING, 3500K	
B	LIGHTALARMS	GRANACRW	2	3	277	LED	SURFACE	EXIT LTG (AC ONLY)	

NOTE:

I. ALL COLOR AND FINISHES BY ARHCITECT.



Daniel A. Loveland Sr., P.E.

SUBMISSION

YEZZI ASSOCIATES ARCHITECTURE PLANNING

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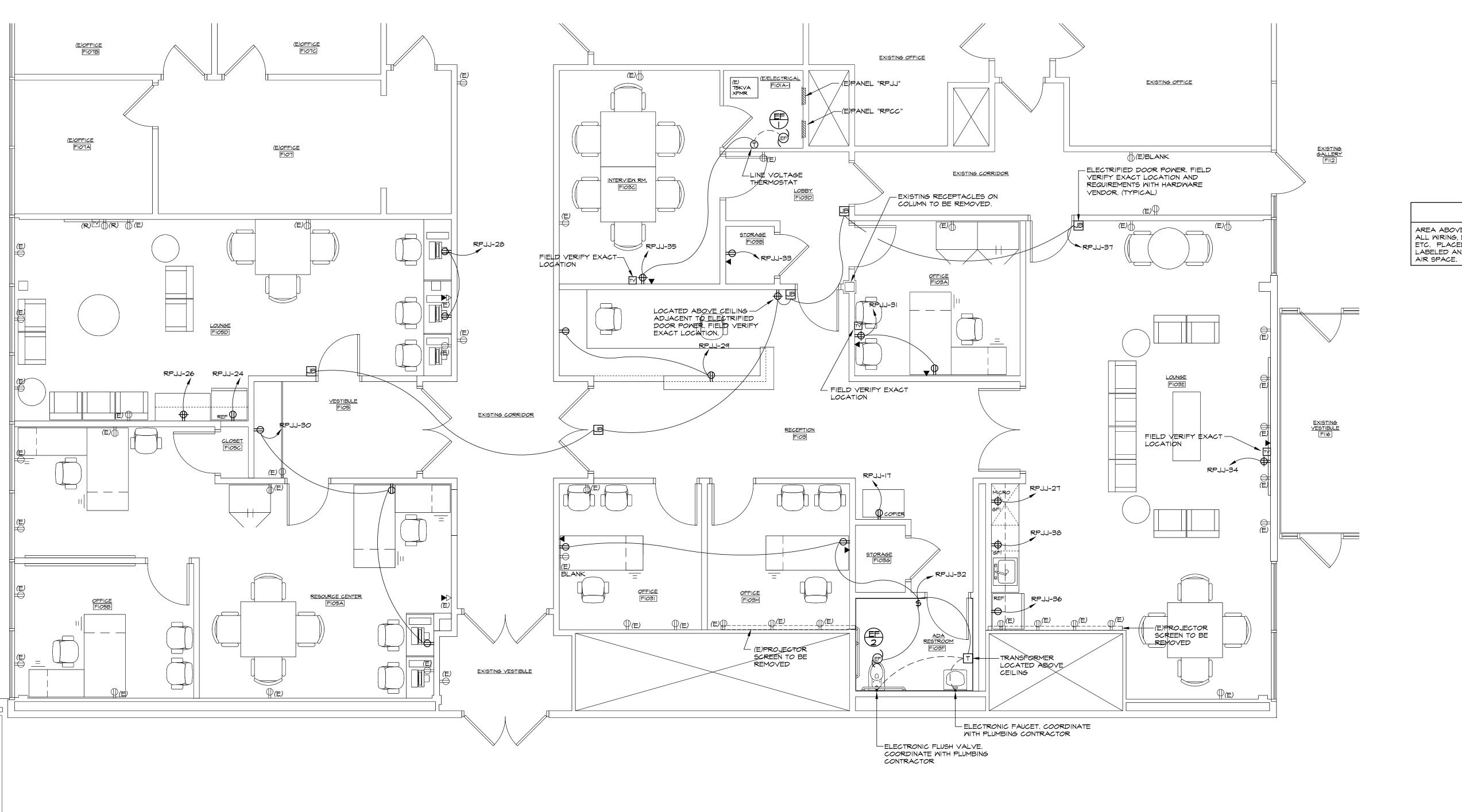
Daniel M. Sernotti Architect No. 21A101897900 Architect No. 55-0008349 Architect No. RA 015346 Architect No. 73872

5/31/2019 LIGHTING FLOOR PLAN

ACO III DJF

YC18180

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NOTE:

AREA ABOVE CEILING IS A PLENUM AIR SPACE. ALL MIRING, DEVICES, MATERIALS, PRODUCTS, ETC. PLACED ABOVE THE CEILING SHALL BE LABELED AND RATED FOR USE IN A PLENUM

> Architect No. 5733 Architect No. 9787-005 Architect No. 30014 Architect No. 30262377 Daniel M. Sernotti Architect No. 21A101897900 Architect No. 55-0008349 Architect No. RA 015346 Architect No. 73872 Date

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Massimo Francis Yezzi, Jr. Architect No. C 7475

Planner No. 2368 Architect No. 019392

Architect No. 012739B

Architect No. 7460 Architect No. 8475 Architect No. 5075 Architect No. 92394

INTERIORS

MANAGEMEN'

ARCHITECTURE PLANNING

5/31/2019

POWER FLOOR PLAN ACO III

YC18180

PHONE: (856) 875-7001 FAX: (856) 875-7752 DJF

MPE Consulting and Design LLC
Certificate of Authorization
No. 24GA28225300 1035 N. Black Horse Pike, Suite 3 Williamstown, NJ. 08094 mpedesign @ mpedesign.com NJ PROFESSIONAL ENGINEER No. 24GE03895900 PA PROFESSIONAL ENGINEER No. PE075142 DE PROFESSIONAL ENGINEER No. 17464 NY PROFESSIONAL ENGINEER No. 088381 MD PROFESSIONAL ENGINEER No. 36281 24GE03895900 ¹ Daniel A. Loveland Sr., P.E. DATE:

SUBMISSION

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

- I. CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING TELEVISION, DATA, AND VOICE SCOPE OF WORK:

 - PROVIDE SINGLE GANG BOX AT TELEVISION LOCATION (FIELD VERIFY EXACT MOUNTING HEIGHT WITH OWNER) AND A SINGLE GANG BOX AT 18" AFF UNDER TELEVISION LOCATION. PROVIDE 1 1/2" CONDUIT WITH FISH LINE FROM 18" AFF SINGLE GANG BOX TO UP TO TELEVISION HEIGHT SINGLE GANG BOX AND FROM TELEVISION HEIGHT SINGLE GANG BOX TO A POINT 4" ABOVE SUSPENDED CEILING.
 - PROVIDE SINGLE GANG BOX AT TELEVISION LOCATION (FIELD VERIFY EXACT MOUNTING HEIGHT WITH OWNER) WITH A I 1/2" CONDUIT AND FISH LINE TO A POINT 4" ABOVE SUSPENDED CEILING.

 PROVIDE A SINGLE GANG BOX AT 18" AFF UNDER TELEVISION LOCATION WITH
 - A | 1/2" CONDUIT AND FISH LINE TO A POINT 4" ABOVE SUSPENDED CEILING. B. DATA AND VOICE
 PROVIDE A SINGLE GANG BOX AT 18" AFF WITH A 1 1/2" CONDUIT AND FISH LINE TO A POINT 4" ABOVE SUSPENDED CEILING.

WIRING BY OTHERS.

2. INSTALLATION SHALL BE FIELD COORDINATED WITH OWNER'S IT DEPARTMENT REQUIREMENTS.

ELECTRICAL GENERAL NOTES

I. CONTRACTOR SHALL PROVIDE ALL POMER, LIGHTING, FIRE PROTECTION, ETC. AS INDICATED ON THESE DOCUMENTS AND AS OTHERWISE REQUIRED TO SATISFY COMPLETE AND OPERATIONAL SYSTEMS AS INTENDED.

2. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES TO AVOID CONFLICT AND TO FACILITATE THE WORK WITHOUT CAUSING UNNECESSARY DELAYS. IMMEDIATELY REPORT ANY DISCREPANCIES, IN WRITING, TO THE ENGINEER, ALL CHANGES AND/OR ALTERATIONS REQUIRE REVIEW AND APPROVAL BY THE ENGINEER.

<u>GENERAL</u>

I. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICIAN IN STRICT COMPLIANCE WITH THE 2014 NATIONAL ELECTRICAL CODE, NJAC 5:23-3.16, STATE LAMS, LOCAL CODES, AND ALL OTHER REGULATIONS GOVERNING MORK OF THIS

- 2. THE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL AND LABOR TO SATISFY A COMPLETE AND WORKING SYSTEM WHETHER SPECIFIED OR IMPLIED.
- 3. THE CONTRACTOR SHALL SECURE ALL PERMITS OR APPLICATIONS AND PAY ANY AND ALL FEES REQUIRED.
- 4. CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH ALL DWGS, AND SPECIFICATIONS IN THE BID DOCUMENTS AND WORK PERFORMED BY OTHERS. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR FROM PROVIDING COMPLETE AND OPERATIONAL SYSTEMS IN ACCORDANCE WITH PERFORMANCE REQUIREMENTS.
- 5. CONTRACTOR TO CONFIRM EXACT LOCATION OF EXISTING AND NEW EQUIPMENT WITH OWNER'S AGENTS.
- 6. CONTRACTOR TO MAKE ALL ELECTRICAL CONNECTIONS TO EQUIPMENT SUPPLIED BY
- 7. DO NOT SCALE THIS DRAWING FOR EXACT DIMENSIONS. VERIFY ALL FIGURES, CONDITIONS, DIMENSIONS, ETC. AT THE JOB SITE.
- 8. RELOCATE EXISTING CIRCUITS AS REQUIRED.
- 9. CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE FIRE DETECTION SYSTEM.
- 10. LIGHT FIXTURES INSTALLED IN SUSPENDED CEILINGS SHALL BE INDEPENDENTLY SUPPORTED FROM BUILDING STRUCTURE.
- II. LOCATIONS OF EXISTING EQUIPMENT, INCLUDING EXHAUST FANS, LIGHTING, RECEPTACLES, PANELS AND SWITCHES HAVE BEEN TAKEN FORM BEST AVAILABLE INFORMATION. THE DRAWINGS ARE INTENDED TO BE USED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS NOT TO SCALE DRAWINGS OR ASSUME THAT ALL EQUIPMENT IS SHOWN. HE SHALL VISIT THE SITE TO DETERMINE THE TOTAL EXTENT OR REMOVALS AND NEW WORK AS DIAGRAMMED ON THE PLANS. EXTRA COMPENSATION FOR FAILURE TO COMPLY WITH THE ABOVE STATEMENTS WILL NOT BE CONSIDERED.
- 12. CONTRACTOR SHALL REFER TO ALL DRAWINGS FOR INFORMATION, SPECIFICATIONS, AND/OR INSTRUCTIONS RELATIVE TO THE PROJECT SCOPE OF WORK.
- 13. THIS CONTRACTOR SHALL COORDINATE ALL WORK WITH A COMPLETE SET OF M/P/E AND ARCHITECTURAL DESIGN DRAWINGS. IMMEDIATELY REPORT ANY DISCREPANCIES TO THE ENGINEERS OFFICE.

- I. SUBMIT MANUFACTURES LITERATURE TO ENGINEERS OFFICE WHICH INDICATES THAT THE EQUIPMENT MEETS REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS. SUBMITTALS SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
- LIGHTING FIXTURES FIRE ALARM DEVICES

<u>WIRING METHOD</u>

- WIRING METHOD SHALL BE TYPE MC UNLESS OTHERWISE NOTED. - OUTDOOR EXPOSED - IMC
- OUTDOOR CONNECTION TO VIBRATING EQUIPMENT LIQUIDTIGHT FLEXIBLE CONNECTION
- INDOOR EXPOSED EMT - INDOOR CONNECTION TO VIBRATING EQUIPMENT - FLEXIBLE METAL CONDUIT
- 2. UNLESS OTHERWISE NOTED NO WIRE SHALL BE SMALLER THAN #12 AMG. EXCEPT CONTROL AND SIGNAL CIRCUITS MAY BE RUN WITH #14 AMG. NO CONDUIT SHALL BE SMALLER THAN 3/4" ELECTRICAL TRADE SIZE.
- 3. HOME RUN CIRCUITS MORE THAN 75 FEET FROM THE PANEL BOARD SHALL BE MADE WITH #10 AMG. OR LARGER AS REQUIRED TO LIMIT VOLTAGE DROP TO 2% MAXIMUM.
- 4. ALL CONDUCTORS SHALL BE THHN/THWN COPPER W/90°C INSULATION OR GREATER.

DEMOLITION

- I. CONTRACTOR IS RESPONSIBLE FOR SELECTIVE DEMOLITION IN ALL AREAS AS REQUIRED TO ACCOMMODATE THE PROJECT SCOPE OF WORK. ALL SYSTEMS AND ANCILLARY COMPONENTS MADE OBSOLETE SHALL BE COMPLETELY REMOVED AND DISPOSED. INSTALL BY-PASS WHERE REQUIRED TO MAINTAIN THE INTEGRITY OF OVERALL SYSTEMS REMAINING AND SERVING AREAS OUTSIDE THE SCOPE OF WORK AREA.
- 2. CONTRACTOR SHALL PERFORM A SITE INSPECTION TO ESTABLISH EXTENT OF

DEMOLITION PRIOR TO BID. BOXES AND DEVICES

- I. RECEPTACLE AND SWITCH PLATES SHALL BE METAL.
- 2. PROVIDE ACCESSIBLE SPLICE/JUNCTION BOXES AS NEEDED.
- 3. PROVIDE NEW TYPED PANEL DIRECTORY TO REFLECT AS BUILT CONDITIONS.
- 4. MOUNTING HEIGHTS ARE AS FOLLOWS UNLESS OTHERWISE NOTED:

LIGHT SMITCHES

OPERABLE PARTS SHALL BE LOCATED NO HIGHER THAN 48" ABOVE FINISHED FLOOR IF THE REACH IS OVER AN OBSTRUCTION BETWEEN 20" AND 25" IN DEPTH THE MAXIMUM HEIGHT SHALL BE 44".

WALL RECEPTACLES OPERABLE PARTS SHALL BE LOCATED NO LOWER THAN 15" ABOVE FINISHED

COUNTERTOP RECEPTACLES OPERABLE PARTS SHALL BE LOCATED NO HIGHER THAN 48" ABOVE FINISHED FLOOR IF THE REACH IS OVER AN OBSTRUCTION BETWEEN 20" AND 25" IN DEPTH THE MAXIMUM HEIGHT SHALL BE 44".

RECEPTACLES/DATA (UNDER DESK) COORDINATE WITH ARCHITECT NO LOWER THAN 15" ABOVE FINISHED FLOOR.

PHONE JACKS OPERABLE PARTS SHALL BE LOCATED NO HIGHER THAN 48" ABOVE FINISHED FLOOR. IF THE REACH IS OVER AN OBSTRUCTION BETWEEN 20" AND 25" IN DEPTH THE MAXIMUM HEIGHT SHALL BE 44".

CRT JACKS OPERABLE PARTS SHALL BE LOCATED NO HIGHER THAN 48" ABOVE FINISHED FLOOR. IF THE REACH IS OVER AN OBSTRUCTION BETWEEN 20" AND 25" IN DEPTH THE MAXIMUM HEIGHT SHALL BE 44".

96" ABOVE FINISHED FLOOR OR 6" BELOW FINISHED CEILING WHICHEVER IS

LOWER. FIRE ALARM MANUAL PULL STATION

A MINIMUM OF 42" AND A MAXIMUM OF 48" ABOVE FINISHED FLOOR TO THE CENTER OF THE ACTIVITIES HANDLE OR LEVER OF THE BOX.

FIRE ALARM HORN/STROBES 80" ABOVE FINISHED FLOOR OR 6" BELOW FINISHED CEILING WHICHEVER IS

T.V. CABLE JACKS COORDINATE WITH ARCHITECT

T.V. RECEPTACLES COORDINATE WITH ARCHITECT

PENETRATIONS FOR CABLES, CABLETRAYS, CONDUITS, PIPES, TUBES, COMBUSTION VENTS, AND EXHAUST VENTS, WIRES, AND SIMILAR ITEMS TO ACCOMMODATE ELECTRICAL, MECHANICAL, PLUMBING, AND COMMUNICATIONS SYSTEMS THAT PASS THROUGH A WALL FLOOR, OR FLOOR/CEILING ASSEMBLY CONSTRUCTED AS A FIRE BARRIER SHALL BE PROTECTED BY A FIRESTOP SYSTEM OR DEVICE. THE FIRESTOP SYSTEM OR DEVICE SHALL BE TESTED IN ACCORDANCE WITH ASTM E 814 OR ANSI / UL 1479.

PAI	NEL	No.(E) "RPJJ"	LOCA	C. RM. VOLTAGE : 120/208V.						
FR	4ME	RATING: 225 AMP	MAIN BKR. RATING: 225 AMP PHASE: 3Φ, 4W							
DES	SCRI	PTION: EXISTING								
SIZE					<i></i>	LOAD	SIZ	ZE		
В	M	CIRCUIT DESCRIPTION	LOAD				CIRCUIT DESCRIPTION B	M		
20	12	(E) FIO3 SCREEN PODIUM PROJECTOR	1200		2	1200	(E) UNKNOWN 20	12		
20	12	(E) FIOS WALL RECEPT.	800	3	4	400	OUTSIDE RECEPT. 20	12		
20	12	(E) FIO3 WALL RECEPT.	800	5	6	1200	(E) UNKNOWN 20	12		
20	12	(E) FIO3 WALL RECEPT.	800	7	8	1200	20	12		
20	12	(E) RECEPT. ON POLE	800	9	10	1200	20	12		
20	12	(E) FIOIQ RECEPT.	1200	Ш	12	1200	20	12		
20	12	(E) FIO9A RECEPT.	1200	13	14	1200	20	12		
20	12	(E) UNKNOWN	1600	15	16	1200	20	12		
20	12	RECEPTION AREA COPIER	800	17	18	1200	20	12		
20	12	(E) UNKNOWN	1200	19	20	1200	20	12		
20	12	(E) UNKNOWN	1200	21	22	1200	20	12		
20	12	(E) FIO3 WALL RECEPT.	1200	23	24	1500	RM. FIO6 REFRIGERATOR 20	12		
20	12	(E) VESTIBULE HANDICAPPED DOORS	600	25	26	1600	RM. FIO6 CTR. RECEPT. 20	12		
20	12	LOUNGE FIO3 MICROWAVE	1000	27	28	800	RM. FIO6 RECEPT. 20	12		
20	12	RECEPTION FIOS RECEPT.	800	29	30	600	RM. FIO5A / DISPLAY RECEPT. 20	12		
20	12	OFFICE FIO3 RECEPT.	800	31	32	800	OFFICE FIO3 RECEPT. / EF-2 20	12		
20	12	CLOS. FIO3 RECEPT.	400	33	34	400	LOUNGE FIO3 RECEPT. 20	12		
20	12	INTERVIEW RM. FIO3 RECEPT.	400	35	36	1500	LOUNGE FIO3 REFRIGERATOR 20	12		
20	12	ELECTRIFIED DOORS	600	37	38	1600	LOUNGE FIO3 CTR. RECEPT. 20	12		
50	6	(E) SPARE		39	40		(E) UNKNOWN 20	12		
L				1			·			

TOTAL CONNECTED LOAD (KW) | 16.0 | 37.4 | 21.4 | TOTAL CONNECTED LOAD (KW)

(E) UNKNOWN

20 | 12

ELECTRIC LOAD SUMMARY

50 6 (E) SPARE

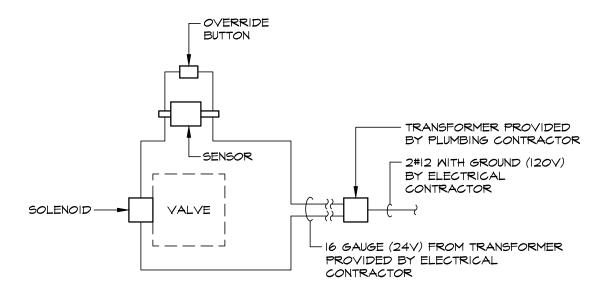
TOTAL CONNECTED LOAD = 37.4 KM 37.4 KW X 1000/208V/1.7 = 105.8 AMPS X 125% = 132.2 AMPS

LIGHTING CONTROL SCHEDULE

- LEVITON WALL SMITCH PIR VACANCY SENSOR 9VS MODEL #ODSI5-TD
- LEVITON 3-MAY WALL SMITCH PIR VACANCY \$ SENSOR MODEL #ODSI5-TD
- LEVITON DIMMING WALL SWITCH PIR VACANCY \$PVS SENSOR MODEL #05DIO-10

NOTES:

- CONTRACTOR SHALL PROVIDE ALL NECESSAR RELAYS, POWER PACKS, ETC. FOR A COMPLETE AND OPERATIONAL SYSTEM.
- 2. INSTALLATION SHALL BE IN STRICT COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
- VACANCY SENSOR CONTROL LIGHTNING SHALL BE AUTOMATICALLY SHUT OFF WITHIN 20 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE.



- I. INSTALLATION SHALL BE IN STRICT COMPLIANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS
- 2. THE DIAGRAM IS BASED ON THE SPECIFIED SLOAN ELECTRONIC FLUSH VALVE. SUBSTITUTE FLUSH VALVES MAY HAVE OTHER REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH THE PLUMBING CONTRACTOR FOR EXACT MANUFACTURER AND PROVIDE ALL WIRING AND ANCILLARY COMPONENTS AS NEEDED.

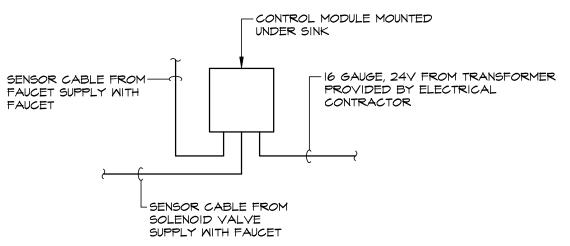
ELECTRONIC FLUSH VALVE WIRING DIAGRAM

FIF	FIRE ALARM EQUIPMENT SCHEDULE										
SYMB <i>O</i> L	DESCRIPTION	REMARKS									
\otimes	VISUAL NOTIFICATION DEVICE	PROVIDE DEVICE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM									
8	AUDIBLE VISUAL NOTIFICATION DEVICE	PROVIDE DEVICE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM									
F	MANUAL FIRE ALARM BOX	PROVIDE DEVICE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM									
<u></u>	SMOKE DETECTOR	PROVIDE DEVICE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM									
▼ DH	KIDDE / 1500 SERIES	ELECTROMAGNETIC DOOR HOLDER									

- I. ALL WORK SHALL BE INSTALLED IN STRICT COMPLIANCE WITH NFPA, STATE LAWS, LOCAL CODES & ALL OTHER REGULATIONS GOVERNING WORK OF THIS NATURE.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL & LABOR TO SATISFY A COMPLETE
- AND WORKING SYSTEM AS SPECIFIED AND/OR IMPLIED. 3. THE CONTRACTOR SHALL SECURE ALL PERMITS OR APPLICATIONS & PAY ANY & ALL FEES AS
- 4. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS TO FIRE DETECTION/SIGNALIZATION
- 5. FIRE SAFE ALL OPENINGS IN WALLS, FLOORS AND CEILINGS RESULTING FROM THE INSTALLATION OF THE FIRE DETECTION/SIGNALIZATION SYSTEM WITH U.L. LISTED FIRE STOPPING COMPOUNDS.
- 6. CONTRACTOR SHALL VERIFY EXACT QUANTITIES ON THE DRAWINGS.
- 7. CONTRACTOR SHALL PROVIDE FOR REPLACEMENT, EXPANSION, UPGRADE, ETC. OF EXISTING FIRE ALARM PANEL SYSTEM AS REQUIRED TO INCORPORATE NEW DEVICES.

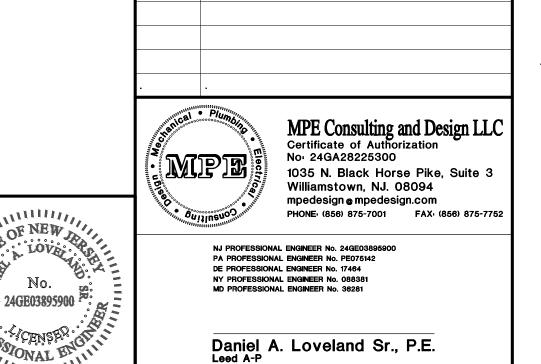
FIRE ALARM GENERAL NOTES

- IBC 2015 NJ ED. SECTION 907.1.2 NFPA 72-2013 SECTION 7.4.4 AND 26.6.3.2 SUBMIT SIGNED AND SEALED FIRE ALARM SYSTEM SHOP DRAWINGS. SHOP DRAWING SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO SYSTEM INSTALLATION, AND SHALL INCLUDE, BUT
 - NOT BE LIMITED TO, ALL OF THE FOLLOWING; A. A FLOOR PLAN DRAWN TO 1/8" SCALE THAT INDICATES THE USE OF ALL ROOMS.
 - B. LOCATIONS OF ALARM-INITIATING DEVICES. C. LOCATIONS OF ALARM NOTIFICATION APPLIANCES, INCLUDING CANDELA RATINGS
- FOR VISIBLE ALARM NOTIFICATION APPLIANCES. . DESIGN MINIMUM AUDIBILITY LEVEL FOR OCCUPANT NOTIFICATION.
- E. LOCATION OF FIRE ALARM CONTROL UNIT, TRANSPONDERS AND NOTIFICATION POWER SUPPLIES.
- ANNUNCIATORS G. POWER CONNECTION
- H. BATTERY CALCULATIONS CONDUCTOR TYPE AND SIZES
- VOLTAGE DROP CALCULATIONS K. MANUFACTURERS' DATA SHEETS INDICATING MODEL NUMBERS AND LISTING INFORMATION FOR EQUIPMENT, DEVICES AND MATERIALS.
- DETAILS OF CEILING HEIGHT AND CONSTRUCTION. THE INTERFACE OF FIRE SAFETY CONTROL FUNCTIONS.
- N. CLASSIFICATION OF THE SUPERVISING STATION.
- O. PROVIDE DETAILS OF TELEPHONE CONNECTION(S) AND METHOD OF BACK-UP TRANSMISSION IF NOT TELEPHONE FOR FIRE ALARM PANEL. DETAILS ON TYPE OF TELEPHONE SERVICE ARE REQUIRED TO DETERMINE CAPABILITY OF SIGNAL TRANSMISSION TO MONITORING POINT IN THE EVENT OF A POWER FAILURE. VOIP SERVICE, FIBER OPTIC SERVICE AND OTHER MEANS OF TELEPHONE SERVICE HAVE DIFFERENT CAPABILITIES OF MAINTAINING CAPABILITY OF TRANSMITTING SIGNALS IF
- THERE IS A POWER FAILURE. ONSITE GENERATORS MAY OR MAY NOT PROVIDE ABILITY FOR SIGNAL TRANSMISSION.
- P. FIRE DEPARTMENT RESPONSE POINT(S) AND ANNUNCIATOR LOCATION(S Q. COMPLETE SEQUENCE OF OPERATIONS DETAILING ALL INPUTS AND OUTPUTS. R. ALL DOCUMENTS PREPARED BY PEOPLE OTHER THAN THE DESIGN PROFESSIONAL SHALL BE REVIEWED BY THE DESIGN PROFESSIONAL AND A SIGNED AND SEALED LETTER SUBMITTED INDICATING THAT THEY HAVE BEEN REVIEWED AND FOUND TO B IN CONFORMANCE WITH THE REGULATIONS FOR THE DESIGN OF THE BUILDING PER N.J.A.C. 5:23-2.15(F)I.XI(I). A STAMP OR LABEL PLACED ON DRAWINGS BY THE DESIGN
- PROFESSIONAL IS NOT ACCEPTABLE. (THE DESIGN PROFESSIONAL IS THE ARCHITECT OR ENGINEER THAT IS RESPONSIBLE FOR THE TOTAL DESIGN OF THE PROJECT).
- S. SHOP DRAWING FOR FIRE ALARM SYSTEMS SHALL BE SIGNED AND SEALED BY A LICENSED PROFESSIONAL ARCHITECT OR ENGINEER.
- 2. THE CONTRACTOR SHALL PROVIDE FIRE ALARM SHOP DRAWINGS THAT COMPLY THE SUBMITTAL REQUIREMENTS OUTLINED IN NOTE #I AND SHALL BE SUBMITTED TO THE DESIGN PROFESSIONAL OF RECORD FOR APPROVAL PRIOR TO SUBMITTING TO THE DCA FOR



- I. INSTALLATION SHALL BE IN STRICT COMPLIANCE WITH MANUFACTURER'S MRITTEN INSTRUCTIONS.
- 2. THE DIAGRAM IS BASED ON THE SPECIFIED SLOAN ELECTRONIC FAUCET. SUBSTITUTE FAUCETS MAY HAVE OTHER REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH THE PLUMBING CONTRACTOR FOR EXACT MANUFACTURER AND PROVIDE ALL WIRING AND ANCILLARY COMPONENTS AS NEEDED.

ELECTRONIC FAUCET WIRING DIAGRAM



SUBMISSION

 \mathbb{N} o.





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Daniel M. Sernotti Architect No. 2|A|0|897900 Architect No. 55-0009340 Architect No. RA 015346 Architect No. 73872

Date

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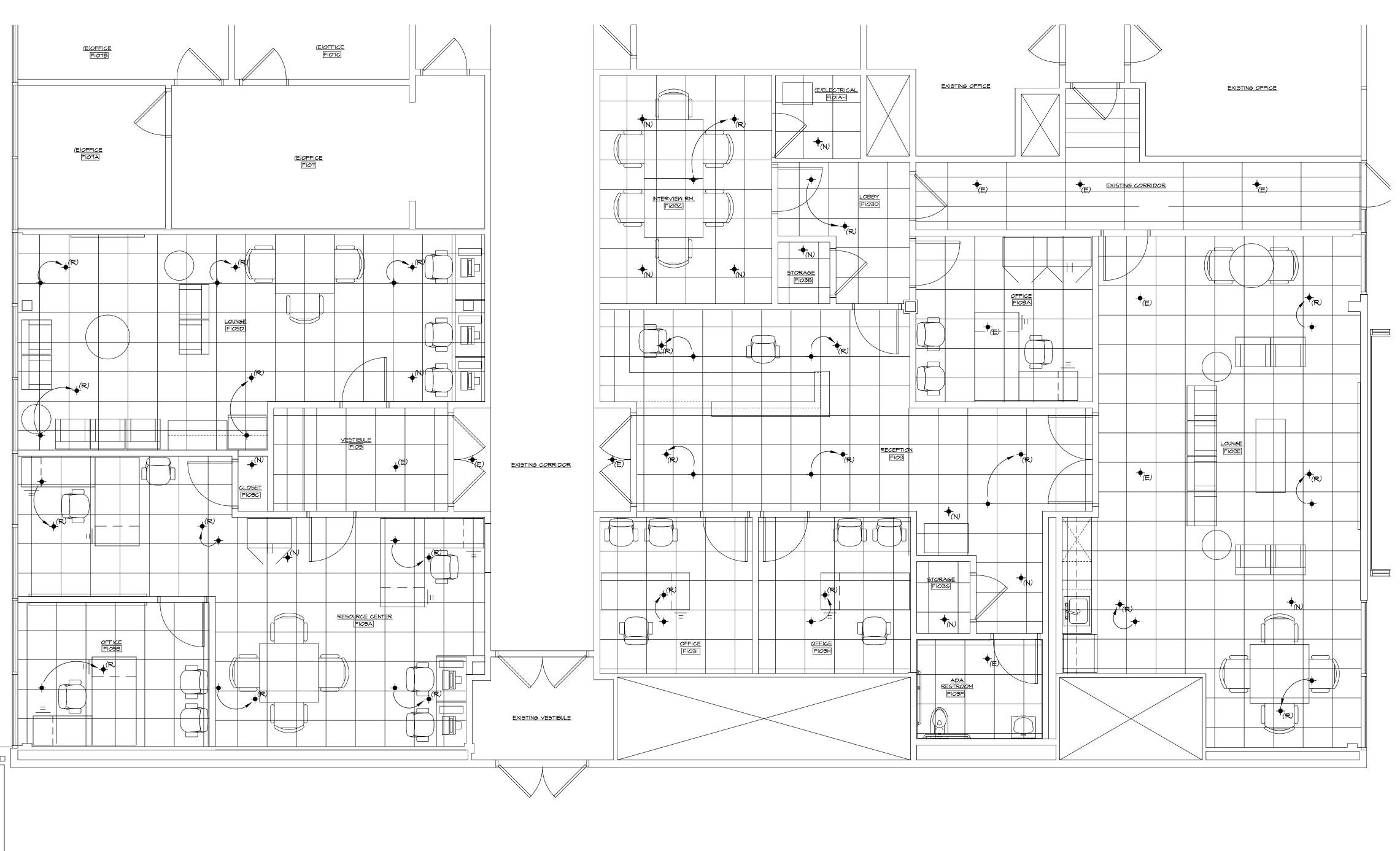
5/31/2019

ELECTRICAL NOTES SCHEDULES, AND

DETAILS 13 ACO III

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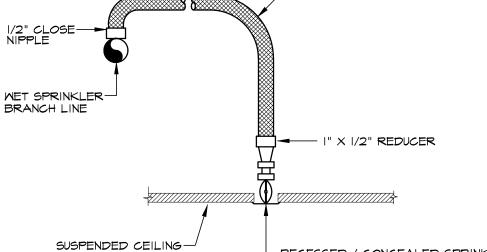


FIRE PROTECTION PLAN

SPRINKLER DESIGN SPECIFICATIONS

SYSTEM: HAZARD: SPACING: PIPING SIZING:

ORDINARY 130 Sq.Ft. MAX. HYDRÁULIC



LEGEND

- PENDANT TYPE SPRINKLER HEAD
- EXISTING TO REMAIN UNLESS OTHERWISE NOTED
- (N) NEM
- RELOCATED

- FLEXHEAD (TYP.) -RECESSED / CONCEALED SPRINKLER

FIRE PROTECTION NOTES

- I. IBC 2015 NJ ED. SECTION 901.2 IFC 2015 SECTION 901.2 NFPA 13-2013 CHAPTER 23 SUBMIT SIGNED AND SEALED AUTOMATIC SPRINKLER SYSTEM SHOP DRAWINGS. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO SYSTEM INSTALLATION, AND SHALL INCLUDE, BUT NOT BE LIMITED TO, ALL OF THE FOLLOWING:
 - A. SUBMIT MANUFACTURER'S SPECIFICATIONS FOR ALL SPRINKLER SYSTEM COMPONENTS INCLUDING; SPRINKLER HEADS, PIPE FITTINGS, VALVES, GAUGES, PUMPS, BACKFLOW PREVENTION DEVICE, AND TRIM.
 - B. SUBMIT NOMINAL PIPE SIZE, SCHEDULE, LENGTH, AND CENTERLINE DIMENSIONS. C. INCLUDE THE TYPE AND LOCATION OF ALL FASTENERS, HANGERS, AND SMAY BRACING. . INDICATE REQUIRED SWAY BRACING ON ALL THE SPRINKLER RISERS.
 - E. PROVIDE THE TYPE AND LOCATION OF ALL FITTINGS, JOINTS, WELDS AND BENDS. F. CLARIFY TYPE AND TEMPERATURE RATING OF THE SPRINKLER HEADS. G. PROVIDE A FIRE PUMP PIPING DETAIL.
 - H. INCLUDE A FIRE STANDPIPE DIAGRAM AND CALCULATIONS. ALL DOCUMENTS PREPARED BY PEOPLE OTHER THAN THE DESIGN PROFESSIONAL SHALL BE REVIEWED BY THE DESIGN PROFESSIONAL AND A SIGNED AND SEALED LETTER SUBMITTED INDICATING THAT THEY HAVE BEEN REVIEWED AND FOUND TO BE IN CONFORMANCE WITH THE REGULATIONS FOR THE DESIGN OF THE BUILDING PER N.J.A.C. 5:23-2.15(F)1.XI(1). A STAMP OR LABEL PLACED ON DRAWINGS BY THE DESIGN PROFESSIONAL IS NOT ACCEPTABLE. (THE DESIGN PROFESSIONAL IS THE ARCHITECT OR ENGINEER THAT IS RESPONSIBLE FOR THE TOTAL DESIGN OF THE PROJECT). J. SHOP DRAWING FOR AUTOMATIC SPRINKLER SYSTEM SHALL BE SIGNED AND SEALED BY A NEW JERSEY LICENSED PROFESSIONAL ARCHITECT OR ENGINEER.
- 2. IBC 2015 NJ ED. SECTION 901.2 IFC 2015 SECTION 901.2 NFPA 13-2013 CHAPTER 23 NFPA 291-2013 SUBMIT SIGNED AND SEALED HYDRAULIC DESIGN INFORMATION. THE SUBMITTAL SHALL INCLUDE THE FOLLOWING:
 - A. SUBMIT MANUFACTURES SPECIFICATIONS AND INSTALLATION INSTRUCTIONS. B. INCLUDE A CURRENT MATER FLOW TEST (MITHIN ONE YEAR) INCLUDING LOCATION AND ELEVATION OF STATIC AND RESIDUAL TEST GAUGE WITH RELATION TO THE RISER REFERENCE POINT FLOW LOCATION, STATIC PRESSURE, RESIDUAL PRESSURE, FLOW (PITOT) PRESSURE, OUTLET SIZE USED, MAKE THE MODEL OF FLOW HYDRANT, HYDRANT COEFFICIENT, WATER MAIN SIZE, TIME AND DATE. PROVIDE DRAWING OR SKETCH OF TEST AND FLOW HYDRANTS IN RELATION TO PROPOSED SITE. PRESSURE HYDRANT SHALL BE HYDRANT CLOSEST TO CURRENT OR PROPOSED SPRINKLER RISER CONNECTION; FLOW HYDRANT SHALL BE DOWNSTREAM OF THE PRESSURE HYDRANT. SUFFICIENT FLOW HYDRANTS SHALL BE OPERATED TO OBTAIN A MINIMUM PRESSURE DROP OF 25% AT THE PRESSURE HYDRANT TO INSURE ACCURACY OF THE FLOW TEST RESULTS. AN ADJUSTMENT TO THE WATER FLOW TEST DATA FOR DAILY AND SEASONAL FLUCTUATIONS, POSSIBLE INTERRUPTIONS BY FLOOD OR ICE CONDITIONS, LARGE SIMULTANEOUS INDUSTRIAL USE, FUTURE DEMAND ON THE WATER SUPPLY SYSTEM, OR ANY OTHER CONDITION THAT COULD AFFECT THE WATER SUPPLY SHALL BE MADE AS APPROPRIATE.
- C. INDICATE THE TYPE OF HAZARD AND THE REQUIRED DENSITY. D. PROVIDE A FLOW AND PRESSURE SUMMARY.
- E. INCLUDE A WATER ANALYSIS GRAPH. F. ALL DOCUMENTS PREPARED BY PEOPLE OTHER THAN THE DESIGN PROFESSIONAL SHALL BE REVIEWED BY THE DESIGN PROFESSIONAL AND A SIGNED AND SEALED LETTER SUBMITTED INDICATING THAT THEY HAVE BEEN REVIEWED AND FOUND TO BE IN CONFORMANCE WITH THE REGULATIONS FOR THE DESIGN OF THE BUILDING PER N.J.A.C. 5:23-2.15(F)1.XI(1). A STAMP OR LABEL PLACED ON DRAWINGS BY THE DESIGN PROFESSIONAL IS NOT ACCEPTABLE. (THE DESIGN PROFESSIONAL IS THE ARCHITECT OR ENGINEER THAT IS RESPONSIBLE FOR THE TOTAL DESIGN OF THE PROJECT). G. HYDRAULIC CALCULATIONS FOR AUTOMATIC SPRINKLER SYSTEMS SHALL BE SIGNED

AND SEALED BY A NEW JERSEY LICENSED PROFESSIONAL ARCHITECT OR ENGINEER.

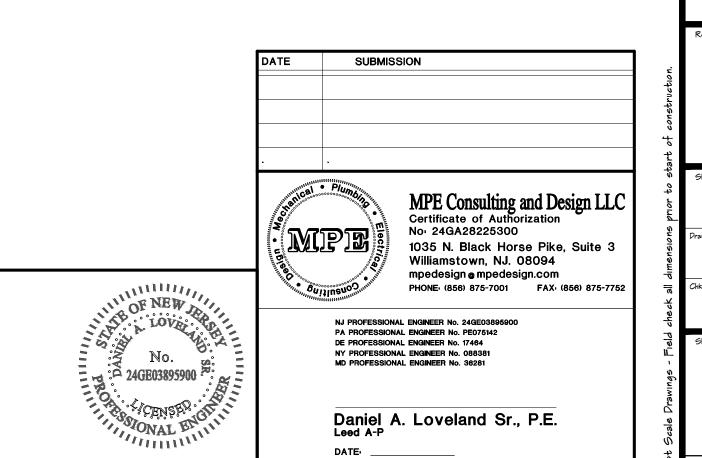
- 3. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID. PROVIDE FOR ALL MATERIAL AND LABOR FOR A COMPLETE SYSTEM AS INTENDED.
- CONTRACTOR SHALL CAREFULLY CHECK AND BECOME FAMILIAR WITH THE ARCHITECTURAL STRUCTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS AND DETAILS. CONTRACTOR SHALL MAKE NOTE OF ALL LOCATIONS WHERE WALLS, PARTITIONS, STRUCTURAL MEMBERS, ETC. ARE DESIGNED TO BE FURRED OR CLOSED IN AND ARE TO INCLUDE ROUGH-IN PIPING.
- 5. CONTRACTOR IS TO COMPLY WITH THE LATEST NFPA AND BUILDING CODES. CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND MAKE NECESSARY ADJUSTMENTS.
- 6. BRANCH LINES AND MAINS 2" OR LESS SCHEDULE 40 MAINS 2 1/2" OR LARGER THIN WALL PER FM STANDARD.
- 7. HANGERS PER NFPA 13, SECTION 3-15.

NFPA, SECTION 3-16.7.

- CONTRACTOR IS TO PERFORM A HYDROSTATIC TEST FOR 2 HOURS @ 200 PSI WITH NO LEAKAGE AND PROVIDE A TEST CERTIFICATE TO ENGINEER.
- 8. CONTRACTOR IS TO EMPLOY EXPERIENCED WORKMAN WHO ARE TO FAMILIARIZE THEMSELVES WITH THE BUILDING AND OBSERVE SAFETY REQUIREMENTS.
- 9. CONTRACTOR TO COORDINATE HEAD LOCATION WITH LIGHTS, DUCTS, ETC.
- 10. PENDANT DEFLECTOR MINIMUM 2" BELOW CEILING.
- II. THE CONTRACTOR SHALL OBTAIN AND PAY ALL FEES RELATED TO OBTAINING PERMITS.
- 12. ALL WORK TO BE APPROVED BY OWNERS ENGINEER, STATE AUTHORITY HAVING JURISDICTION AND MUNICIPAL FIRE, PLUMBING, BUILDING, AND WATER DEPARTMENTS.
- 13. U.L. AND/OR FM APPROVED EQUIPMENT TO BE USED.
- 14. WORK TO BE IN ACCORDANCE WITH MUNICIPAL WATER DEPARTMENT REQUIREMENTS, OBTAIN FIRE DEPARTMENT CONNECTION THREAD REQUIREMENTS.
- 15. FLUSHING CONNECTIONS TO BE PROVIDED AT THE ENDS OF ALL MAINS AND NEAR THE END OF THE BRANCH LINES ON GRIDDED LINES PER FM REQUIREMENTS.
- 16. CONTRACTOR IS TO NEATLY CUT AND PATCH, IN A FIRST CLASS WORKMAN LIKE MANNER,
- 17. PROVIDE HEAD GUARDS ON ALL HEADS SUBJECT TO DAMAGE (CELLARS, CLOSETS. TOILETS,
- 18. SPRINKLER HEAD TEMPERATURE RATING TO BE IN ACCORDANCE WITH NFPA 13, SECTION
- 3-16.6. 19. PROVIDE A STOCK TO SPARE SPRINKLERS, WRENCH, AND CABINET IN ACCORDANCE WITH

ALL HOLES AND PENETRATIONS IN WALLS, CEILING, FLOORS, PARTITIONS, ETC.

- 20. ALL ALARMS RELATING TO THE SPRINKLER SYSTEMS SHOULD BE ACTIVATED UPON PLACING THE SPRINKLER SYSTEM IN SERVICE.
- 21. SPRINKLERS SHALL BE LOCATED A MINIMUM OF 4 INCHES FROM A WALL UNLESS LISTED FOR DISTANCES LESS THAN 4" INCHES.
- 22. ALL SPRINKLER WORK SHALL BE PERFORMED BY A LICENSED SPRINKLER CONTRACTOR APPROVED BY THE LANDLORD.





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5/31/2019

FIRE PROTECTION FLOOR PLAN, NOTES AND DETAILS ACO III

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