CONTRACT DOCUMENTS 80% PROGRESS - PRICING SET

ARCHITECTURAL ENTERPRISES, IN
499 East Palmetto Park Road
Suite 204
Boca Raton, FL 33432

T 561.479.9884
www.ccsarch.com
Florida Registration Number
AA26001852

JULY 18, 2016

INTERIOR/EXTERIOR ALTERATION

950 NW 9TH COURT BOCA RATON, FL 33486 CCS PROJECT NUMBER 1606

499 East Palmetto Park Rd. Suite 204 Boca Raton, FL 33432 T 561.479.9884 www.ccsarch.com GENERAL NOTES FOR DEMOLITION FLOOR PLANS Florida Registration Number AA26001852 100. COMPLY WITH THE REQUIREMENTS OF THE NOTES ON SHEET A1 WHICH ALSO APPLY TO THE DEMOLITION FLOOR PLANS. THE DEMOLITION DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS WHICH WERE PROVIDED TO THE ARCHITECT AND THEY MAY NOT REFLECT ACTUAL FIELD CONDITIONS. PRIOR TO PROCEEDING WITH ANY WORK, THE CONTRACTOR SHALL VERIFY THE ACCURACY OF THESE DRAWINGS IN COMPARISON TO THE EXISTING FIELD CONDITIONS; AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT ANY INCONSISTENCIES BETWEEN THE ACTUAL CONDITIONS AND THESE DRAWINGS. THE GENERAL CONTRACTOR SHALL ALSO NOTIFY THE ARCHITECT IMMEDIATELY IF ANY DEMOLITION OR NEW CONSTRUCTION WORK (AS INDICATED IN THE CONTRACT DOCUMENTS) CAN NOT BE PERFORMED DUE TO EXISTING FIELD CONDITIONS. IF ANY EXISTING FIRE PROOFING AND/OR RATED ASSEMBLIES (WHICH ARE SUPPOSED TO REMAIN) ARE DAMAGED DURING DEMOLITION, THEY SHALL BE REPAIRED TO CONFORM TO THE ORIGINAL FIRE PROTECTION REQUIREMENTS. ALSO, THE INTEGRITY OF THE EXISTING RATED FLOOR, WALL, BARRIER AND ROOF ASSEMBLIES (WHICH ARE SUPPOSED TO REMAIN) SHALL BE MAINTAINED THROUGH OUT ALL PHASES OF CONSTRUCTION. REMOVE EXISTING CONSTRUCTION AS INDICATED, TYPICAL WALL REMOVAL SHALL INCLUDE MECHANICAL, PLUMBING, ELECTRICAL, COMMUNICATIONS AND SECURITY SYSTEMS CONTAINED THEREIN. REMOVE DOORS, CABINETWORK, CASEWORK, WINDOWS, FRAMES, FINISHES, FIXTURES AND THEIR ATTACHMENTS AS REQUIRED. AFTER REMOVAL, REPAIR HOLES IN EXISTING TO REMAIN FLOORS, WALLS, BARRIERS AND ROOFS TO COMPLY WITH ORIGINAL FIRE, SMOKE, AND SOUND ASSEMBLIES, FIRE PROTECTION REQUIREMENTS, AND STRUCTURAL INTEGRITY. PREPARE SURFACES TO RECEIVE NEW FINISHES AS SPECIFIED IN THESE DOCUMENTS OR AS SPECIFIED IN SEPARATE INTERIOR DESIGN DOCUMENTS. WHERE A NEW FINISH IS CALLED FOR ON AN EXISTING SURFACE, REMOVE THE EXISTING FINISH AND PREPARE TO RECEIVE NEW FINISH. PREPARATIONS NEED TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS. AT ALL WALLS / PARTITIONS / BARRIERS, FLOORS AND ROOFS WHICH ENCLOSE OR TOUCH SPACES WHERE WORK IS BEING PERFORMED AS PART OF THE PROJECT, THE CONTRACTOR SHALL VERIFY THAT THE EXISTING CONSTRUCTION (INCLUDING DAMPERS, DUCT _L _ _ _ _ _ PENETRATIONS, DOORS, WINDOWS, FRAMES, ETC.) MEETS THE FIRE, SMOKE AND SOUND ASSEMBLY RATINGS DESIGNATED ON THESE DRAWINGS. GC SHALL ALSO MAKE ANY REPAIRS AND/OR MODIFICATIONS NECESSARY TO BRING THE EXISTING CONSTRUCTION (INCLUDING DAMPERS, DUCT PENETRATIONS, DOORS, WINDOWS, FRAMES ETC.) UP TO THE PROPER INDICATED FIRE, SOUND AND SMOKE ASSEMBLY REQUIREMENTS.DOORS, WINDOWS AND FRAMES WHICH DO NOT MEET THE REQUIREMENTS OF THE DESIGNATED WALL/PARTITION/BARRIER ASSEMBLIES (INCLUDING PROPER LABELS) SHALL BE REPLACED. 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NOTE: REMOVAL, DISPOSAL AND REPLACEMENT OF THE HAZARDOUS MATERIAL IS THE SOLE RESPONSIBILITY OF THE OWNER AND SHALL BE IN ACCORDANCE WITH STATE, LOCAL AND FEDERAL REGULATIONS. 111. THE CONTRACTOR SHALL REPLACE ANY EXISTING-TO-REMAIN MATERIALS AND FINISHES (CEILING GRID, CEILING TILE, GYPSUM BOARD, FINISHES, DOORS, FRAMES, WALL PROTECTION ETC. WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION. 112. REMOVE ALL EXISTING CONDUIT, WIRING AND DEVICES RENDERED USELESS DUE TO CHANGES IN THE EXISTING AREA **----**REWIRE EXISTING DEVICES NOT BEING REMOVED THAT ARE PART OF THE BRANCH CIRCUIT DEVICES BEING REMOVED AND EXTEND NEW WIRING AS NEEDED TO CONNECT TO PREVIOUS. PATCH ALL CUTS, OPENINGS AND DAMAGED AREAS THAT OCCUR DURING DEMOLITION. ALL PATCHING SHALL CONFORM TO THE ADJOINING WORK, MATCHING THE FINISH AND QUALITY OF WORKMANSHIP OF THE ADJACENT MATERIALS. 115. CONTRACTOR SHALL MINIMIZE CONSTRUCTION AND DUST WHEREVER POSSIBLE. PROJECT: ___________ 116. CONTRACTOR SHALL COORDINATE ANY SYSTEMS SHUT OFF FOR MECHANICAL, ELECTRICAL, PLUMBING OR FIRE PROTECTION AT ANY INTERIOR IMPROVEMENTS 950 NW 9th Court Boca Raton, FL NOT IN CONTRACT EXISTING WALL / PARTITION / BARRIER TO REMAIN **CONSTRUCTION DOCUMENTS PROGRESS - PRICING SET** EXISTING WALL / PARTITION / BARRIER TO BE DEMOLISHED PROJECT NUMBER: LINE OF EXISTING STRUCTURAL GRID (WHERE APPLICABLE) CAD FILE NO: ADDENDA/REVISIONS ------CYNTHIA C. SPRAY, AIA AR-94167 DRAWING TITLE: DEMOLITION PLAN \DEMOLITION FLOOR PLAN A1.0 SCALE: 1/4'' = 1'-0''DRAWING NO: 16 FT

CONSULTANTS:

PLUMBING:

ELECTRICAL, MECHANICAL,

4508 SW 24TH STREET

PHONE: (954) 471-8657

AMERICAN UNITED ENGINEERS

2016.06

7-18-2016

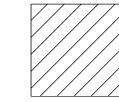
1606-SHEET-A1.0.dwg

FORT LAUDERDALE, FL 33317

GENERAL NOTES FOR DEMOLITION FLOOR PLANS

- 100. COMPLY WITH THE REQUIREMENTS OF THE NOTES ON SHEET A1 WHICH ALSO APPLY TO THE DEMOLITION FLOOR PLANS.
- THE DEMOLITION DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS WHICH WERE PROVIDED TO THE ARCHITECT AND THEY MAY NOT REFLECT ACTUAL FIELD CONDITIONS. PRIOR TO PROCEEDING WITH ANY WORK, THE CONTRACTOR SHALL VERIFY THE ACCURACY OF THESE DRAWINGS IN COMPARISON TO THE EXISTING FIELD CONDITIONS; AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT ANY INCONSISTENCIES BETWEEN THE ACTUAL CONDITIONS AND THESE DRAWINGS.
- 103. THE GENERAL CONTRACTOR SHALL ALSO NOTIFY THE ARCHITECT IMMEDIATELY IF ANY DEMOLITION OR NEW CONSTRUCTION WORK (AS INDICATED IN THE CONTRACT DOCUMENTS) CAN NOT BE PERFORMED DUE TO EXISTING FIELD CONDITIONS.
- 104. IF ANY EXISTING FIRE PROOFING AND/OR RATED ASSEMBLIES (WHICH ARE SUPPOSED TO REMAIN) ARE DAMAGED DURING DEMOLITION, THEY SHALL BE REPAIRED TO CONFORM TO THE ORIGINAL FIRE PROTECTION REQUIREMENTS. ALSO, THE INTEGRITY OF THE EXISTING RATED FLOOR, WALL, BARRIER AND ROOF ASSEMBLIES (WHICH ARE SUPPOSED TO REMAIN) SHALL BE MAINTAINED THROUGH OUT ALL PHASES OF CONSTRUCTION.
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- 107. THE CONTRACTOR SHALL BRACE ALL EXISTING STRUCTURES AND ALL STRUCTURAL ELEMENTS AS NECESSARY DURING DEMOLITION. SEE ARCHITECTURAL AND / OR STRUCTURAL DETAILS AS PROVIDED IN THIS DRAWING SET.
- 108. DEMOLITION WORK SHALL BE EXECUTED IN CONFORMANCE WITH ALL CODES AND ORDINANACES AS SET FORTH BY ALL AUTHORITIES HAVING JURISDICTION (AHI).
- THE CONTRACTOR SHALL NOT CUT EXISTING OR NEW STRUCTURAL WORK IN ANY MANNER THAT MAY RESULT IN A REDUCTION OF LOAD CARRYING CAPACITY OR LOAD / DEFLECTION RATIO. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY STRUCTURAL CUTS PRIOR TO EXECUTION SO THAT APPROVAL CAN BE OBTAINED IN ADVANCE FROM THE ARCHITECT AND / OR STRUCTURAL ENGINEER.
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- 112. REMOVE ALL EXISTING CONDUIT, WIRING AND DEVICES RENDERED USELESS DUE TO CHANGES IN THE EXISTING AREA
- 113. REWIRE EXISTING DEVICES NOT BEING REMOVED THAT ARE PART OF THE BRANCH CIRCUIT DEVICES BEING REMOVED AND EXTEND NEW WIRING AS NEEDED TO CONNECT TO PREVIOUS.
- 114. PATCH ALL CUTS, OPENINGS AND DAMAGED AREAS THAT OCCUR DURING DEMOLITION. ALL PATCHING SHALL CONFORM TO THE ADJOINING WORK, MATCHING THE FINISH AND QUALITY OF WORKMANSHIP OF THE ADJACENT MATERIALS.
- ADJOINING WORK, MATCHING THE FINISH AND QUALITY OF WORKMANSHIP OF THE ADJACES CONTRACTOR SHALL MINIMIZE CONSTRUCTION AND DUST WHEREVER POSSIBLE.
- 116. CONTRACTOR SHALL COORDINATE ANY SYSTEMS SHUT OFF FOR MECHANICAL, ELECTRICAL, PLUMBING OR FIRE PROTECTION AT ANY

LEGEND

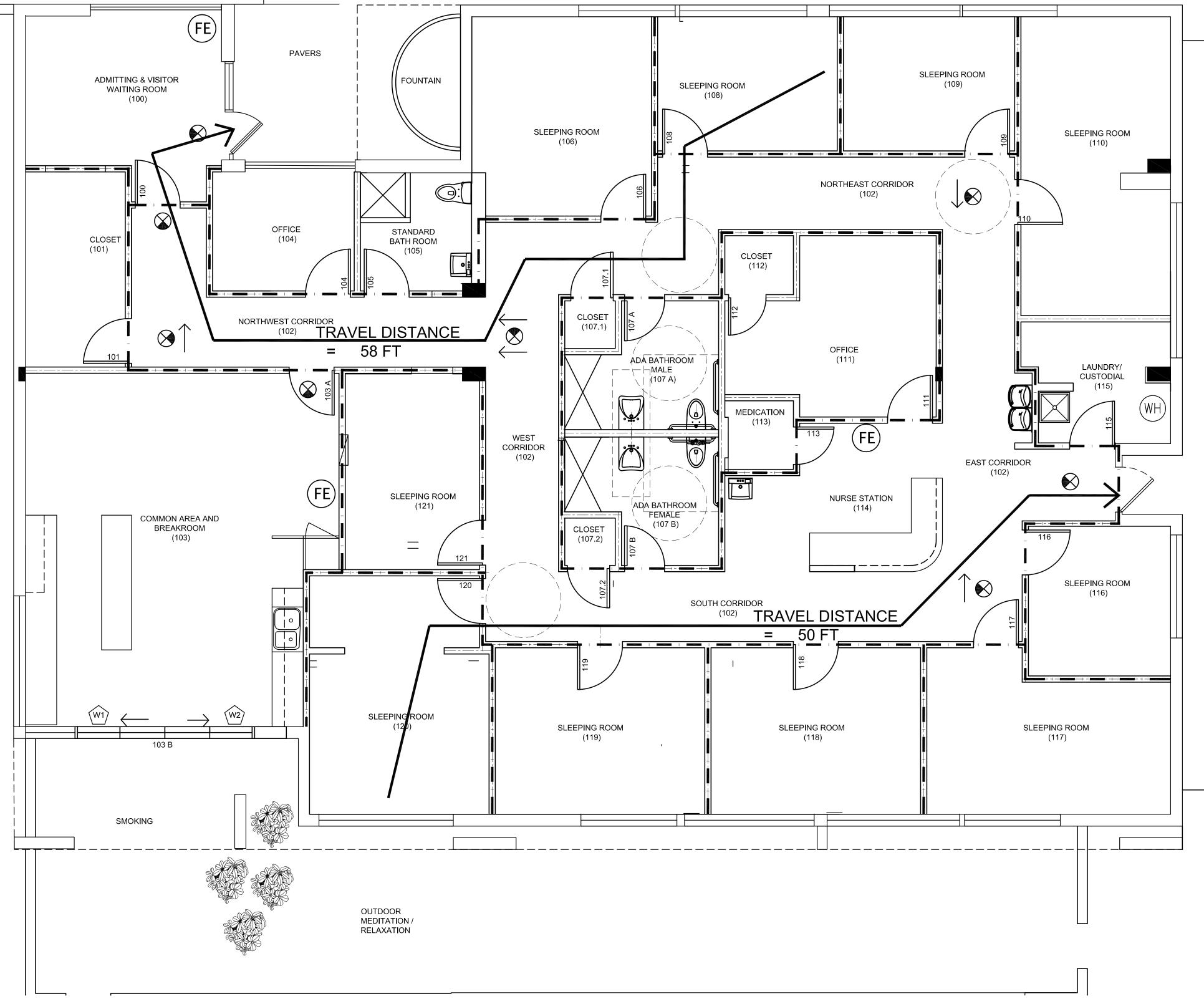


NOT IN CONTRACT

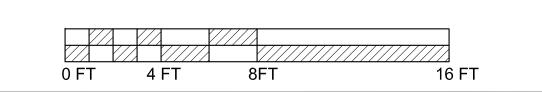
EXISTING WALL / PARTITION / BARRIER TO REMAIN

EXISTING WALL / PARTITION / BARRIER TO BE DEMOLISHED

------ LINE OF EXISTING STRUCTURAL GRID (WHERE APPLICABLE)







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ELECTRICAL, MECHANICAL, PLUMBING:

AMERICAN UNITED ENGINEERS 4508 SW 24TH STREET FORT LAUDERDALE, FL 33317 PHONE: (954) 471-8657

PROJECT:

INTERIOR IMPROVEMENTS
950 NW 9th Court
Boca Raton, FL

CONSTRUCTION DOCUMENTS

PROGRESS - PRICING SET

DDO IECT NUMBER	2016 06
PROJECT NUMBER:	2016.06
DATE:	7-18-2016
CAD FILE NO:	1606-SHEET-A2.0

SEAL:

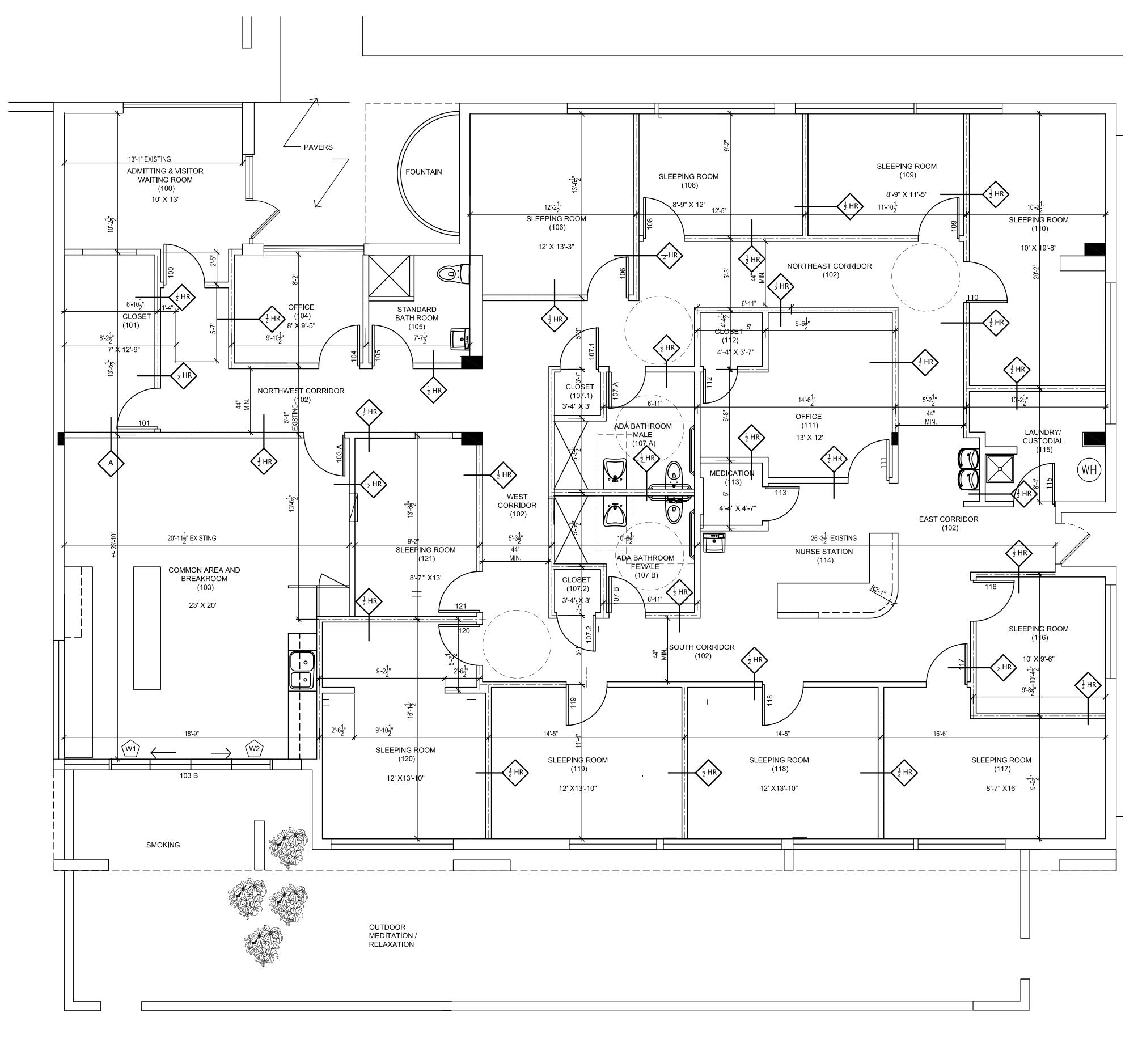
CYNTHIA C. SPRAY, AIA AR-94167

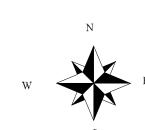
DRAWING TITLE:

LIFE SAFETY PLAN

DRAWING NO:

42.0





NEW WORK PLAN A2.0 SCALE: 1/4'' = 1'-0'

GENERAL NOTES FOR DEMOLITION FLOOR PLANS

PHASES OF CONSTRUCTION.

ALLOWANCE FOR THIS WORK.

HAVING IURISDICTION (AHI).

TIME DURING CONSTRUCTION.

LEGEND

WIRING AS NEEDED TO CONNECT TO PREVIOUS.

115. CONTRACTOR SHALL MINIMIZE CONSTRUCTION AND DUST WHEREVER POSSIBLE.

NOT IN CONTRACT

------ LINE OF EXISTING STRUCTURAL GRID (WHERE APPLICABLE)

ARCHITECT ANY INCONSISTENCIES BETWEEN THE ACTUAL CONDITIONS AND THESE DRAWINGS.

SEE ARCHITECTURAL AND / OR STRUCTURAL DETAILS AS PROVIDED IN THIS DRAWING SET.

100. COMPLY WITH THE REQUIREMENTS OF THE NOTES ON SHEET A1 WHICH ALSO APPLY TO THE DEMOLITION FLOOR PLANS.

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0 FT 4 FT 8FT 16 FT

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PROJECT:

INTERIOR IMPROVEMENTS
950 NW 9th Court
Boca Raton, FL

CONSTRUCTION DOCUMENTS
PROGRESS - PRICING SET

PROJECT NUMBER:

SEAL:

DATE:	7-18-2016
CAD FILE NO:	1606-SHEET-A2.0.dv
ADDENDA/REVIS	SIONS
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2016.06

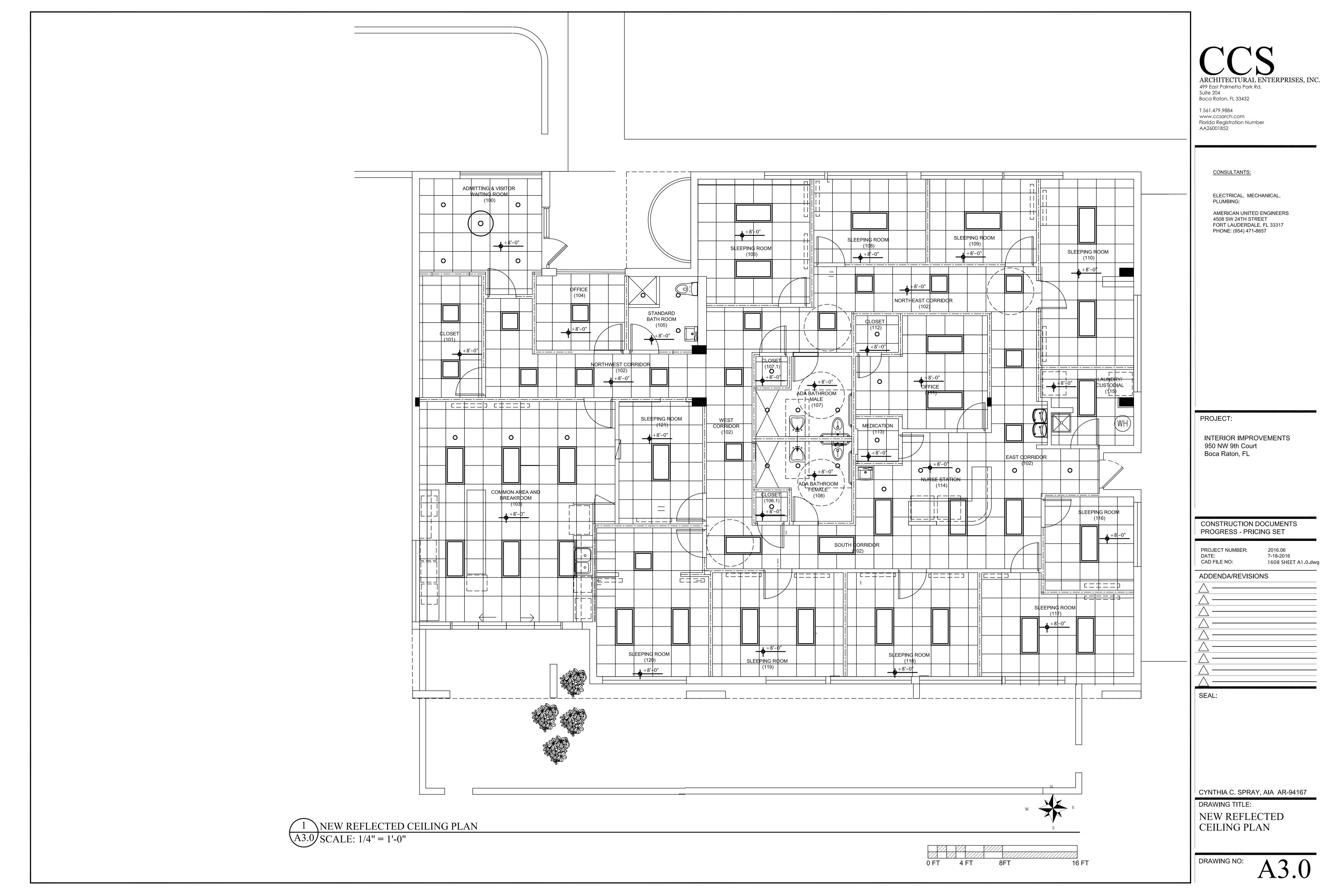
CYNTHIA C. SPRAY, AIA AR-94167

DRAWING TITLE:

NEW FLOOR PLAN
PLAN

DRAWING NO:

A2.0



									DOO	R, FRAM	E AND H	ARDWARE SCHEDULE					
	VISION SPACE NO. MBER DOOR DESI	•	SDACE NAME		SIZE		DOOR	l DEC	CRIPTION	DES	F CRIPTION	RAME DETAILS	FIRE RATING	НА	RDWARE		
INC	WIBER DOOK DESI	GNATION	SPACE NAME	WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	GLASS	TYPE	GLASS	DETAILS	LABEL	SET NUMBER	KEY SIDE SPACE	REMARKS	
	100		WAITING ROOM	1 3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A				ARCHITECTURAL ENTE
	101		CLOSET	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		499 East Palmetto Park Rd. Suite 204 Boca Raton, FL 33432
	103 A		BREAKROOM	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		T 561.479.9884
	103 B		BREAKROOM	3'-0"	7'-0"	1 3/4"	GLASS	SLIDER	N/A	VINYL	N/A	N/A	N/A	N/A	N/A		www.ccsarch.com Florida Registration Number AA26001852
	104		OFFICE	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		
	105		BATHROOM	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		
	106		SLEEPING ROOM	M 3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		CONSULTANTS:
	107 A		MALE BATH	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		ELECTRICAL, MECHANIC
	107.1		CLOSET	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		PLUMBING: AMERICAN UNITED ENGII
	107 B		FEMALE BATH	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		4508 SW 24TH STREET FORT LAUDERDALE, FL 3
	107.2		CLOSET	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		PHONE: (954) 471-8657
	108		SLEEPING ROOM		7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		
	109		SLEEPING ROOM		7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		
	110		SLEEPING ROOM		7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		
	111		OFFICE	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		_
	112		CLOSET	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		_
	113		MEDICATION LAUNDRY	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE SINGLE	N/A N/A	WOOD	N/A N/A	N/A N/A	N/A	N/A N/A	N/A N/A		_
	116		SLEEPING ROOM		7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A N/A	N/A N/A	N/A N/A	N/A		
	117		SLEEPING ROOM		7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		-
	118		SLEEPING ROOM		7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		
	119		SLEEPING ROOM		7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		
	120		SLEEPING ROOM		7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		PROJECT:
	121		SLEEPING ROOM	M 3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A		INTERIOR IMPROVEMI
					<u> </u>				<u> </u>		<u> </u>	OTES AND ABBREVIATIO			<u> </u>		950 NW 9th Court ■ Boca Raton, FL

- STUDY AND COMPARE THE DRAWINGS, LEGENDS, NOTES AND REPORT ANY ERRORS, OMISSIONS OR INCONSISTENCIES TO THE
- DOORS IN RATED FIRE BARRIERS, RATED SMOKE BARRIERS, NON-RATED SMOKE PARTITIONS AND SOUND PARTITIONS MAY BE UNDERCUT ONLY A MAXIMUM OF 3/4" ABOVE THE CONCRETE SLAB. THIS APPLIES FOR THE FULL WIDTH OF THE DOOR IN THE CLOSED POSITION. (NOTE: DOORS IN THESE BARRIERS AND PARTITIONS WITH AN UNDERCUT GREATER THAN 3/4" SHALL BE
- REPLACED AT THE CONTRACTOR'S EXPENSE.) SEAL ALL FRAMES CONTINUOUSLY TO WALL WHERE THERE IS A A GAP OF 1/8" OR LESS BETWEEN THE DOOR FRAME AND THE ADJACENT FINISHED WALL/FLOOR BASE AND FLOOR MATERIAL. INSTALL A 'PENCIL LINE' OF SEALANT BETWEEN THE FRAMER AND 909. THE FINISH BASE OR FLOOR MATERIAL. HOWEVER, IF THIS HORIZONTAL GAP IS GREATER THAN 1/8" THE THE FINISH BASE AND OR FLOOR MATERIAL SHALL BE REMOVED AND REINSTALLED TO ELIMINATE THE GAP.
- 903. IF THERE IS A VERTICAL GAP OF 1/8" OR GREATER BETWEEN THE BOTTOM OF THE DOOR FRAME AND THE CONCRETE SLAB THEN THIS GAP SHALL BE REPAIRED WITH 'BONDO' OR GROUTED SOLID TO PROVIDE THE TESTED FIRESTOP ASSEMBLY. THE REPAIR SHALL COMPLY WITH THE REQUIREMENTS NFPA 80.
- DOORS SCHEDULED TO HAVE A FIRE RATING SHALL HAVE A PERMANENT LABEL AFFIXED TO THE DOOR AND FRAME. THE LABEL SHALL NOT BE PAINTED. NOTE THAT A VINYL LABEL IS NOT ACCEPTABLE AND A LABEL THAT IS EMBOSSED TO THE FRAME IS NOT 911. ACCEPTABLE.

SINGLE DOOR

- ALL DOORS THAT PENETRATE RATED ENCLOSURES SURROUNDING STAIRS, STAIR VESTIBULES AND EXIT PASSAGEWAYS SHALL HAVE A TEMPERATURE RISE RATING (TRR) METAL LABEL PERMANENTLY AFFIXED TO THE DOOR.
- ALL THRESHOLDS SHALL CONFORM TO THE MOST STRINGENT OF THE ADA LAW OR OTHER ACCESSIBILITY CODES WHICH ARE ENFORCEABLE IN THE JURISDICTION.
- VERIFY THAT DOOR CLOSERS AND OTHER HARDWARE WILL ALLOW 180 DEGREES WHEN A 180 DEGREE DOOR SWING IS EITHER SHOWN ON THE FLOOR PLAN OR INDICATED IN THE DOOR SCHEDULE.

- PROVIDE TESTED FIRE RATED GLASS ASSEMBLY INDOOR LITES OF INTERIOR RATED DOORS. PROVIDE LEAD SAFETY GLASS IN LEAD LINED DOORS. PROVIDE BOTH LEAD SAFETY GLASS AND FIRE RATED GLASS ASSEMBLY IN DOORS WHICH ARE BOTH LEAD LINED
- AND FIRE RATED. VERIFY REQUIRED THROAT WIDTH FOR EACH DOOR BASED ON SIZE OF STUD, THICKNESS, NUMBER OF LAYERS OF GYPSUM, GYPSUM SHEATHING ETC, CMU SIZE, CONCRETE WALL THICKNESS ETC. AFTER TOTALING THE WIDTH OF THE COMPONENTS TO BE INSERTED INTO THE THROAT OF EACH FRAME, ADD AN ADDITIONAL 1/4 INCH TO THE CLEAR THROAT WIDTH DIMENSIONS TO ALLOW FOR COSNTRUCTION TOLERANCES. COMPLY IWHT NOTES 909 AND 910.
- VERIFY THAT THE THROAT WIDTH OF EACH FIRE RATED DOOR FRAME WRAPS ONLY AROUND THE RATED PORTION OF THE WALL/BARRIER. NOTE: NON RATED PORTIONS OF FURRED-OUT PARTITIONS: FURRING STRIPS, WOOD TRIM, WALL PROTECTION
- ETC. SHALL NOT BE INSERTED INTO THE THROAT OF A RATED DOOR FRAME. VERIFY THAT ALL THE REQUIRED COMPONENTS OF THE RATED WALL/BARRIER ARE INSERTED A MINIMUM OF 1/2" INTO THROAT OF RATED DOOR FRAME TO COMPLY WITH NFPA 80 AND THE LATEST EDITION OF GYPSUM ASSOCIATION GA-600 FIRE
- VERIFY THAT ALL RATED DOORS AND FRAMES ARE FIRESTOPPED TO MAINTAIN THE INTEGRITY OF THE RATED ASSEMBLY. AFTER DOOR HARDWARE AND SECURITY ITEMS ARE INSTALLED.

SINGLE FRAME

- INSTALLATION OF ALL HARDWARE, DOORS AND FRAMES SHALL CONFORM TO NFPA 80 AND WITH OTHER CODES ENFORCED BY THE AUTHORITY HAVING JURISDICTION.
- CONTRACTOR TO VERIFY ALL EXISTING OPENINGS FOR REPLACEMENT DOORS PRIOR TO SUBMITTING SHOP DRAWINGS FOR ARCHITECT'S REVIEW AND/OR PLACING ORDER.

FIRE RATING DESIGNATIONS:

A-180 = 'A' LABEL = 180 MINUTE FIRE RATED $\frac{1}{2}$ HR $=\frac{1}{2}$ HR LABEL = 30 MINUTE FIRE RATED = ALUMINUM

ETR

- ALUM AUTO = AUTOMATIC DOOR (INTEGRAL HOLD OPEN NOT ALLOWED) AUTO W/ HO
 - = AUTOMATIC DOOR WITH INTEGRAL HOLD OPEN = EXISTING TO REMAIN
- **EMHO** = ELECTROMAGNETIC HOLD OPEN FIRE GL = FIRE RATED GLASS
- **GALV ST** = GALVANIZED STEEL НМ = HOLLOW METAL HM LL = HOLLOW METAL - LEAD LINED
- LAM GL = LAMINATED SAFETY GLASS LEAD. LEAD GL = LEAD SAFETY GLASS (NON RATED USE ONLY)
- = LEAD LINED = LIGHT SEALS
- MEX = MATCH EXISTING OPP HD; OH = OPPOSITE HAND PR = PAIR OF DOORS
- SOUND = SOUND DOOR (FLUSH DOOR TYPE) SIM
- = SIMILAR SSTL = STAINLESS STEEL STL
- TEMP, TEMP GL = TEMPERED SAFETY GLASS (NON RATED USE ONLY) TRR = TEMPERATURE RATING WD = WOOD DOOR

HARDWARE SCHEDULE

WD LL = WOOD DOOR LEAD LINED FRAME TYPES DOOR TYPES

RESISTANCE MANUAL.

SEAL:

CYNTHIA C. SPRAY, AIA AR-94167

DRAWING TITLE: DOOR SCHEDULES

CONSTRUCTION DOCUMENTS

7-18-2016

1606-SHEET-A9.0.dv

PROGRESS - PRICING SET

PROJECT NUMBER:

ADDENDA/REVISIONS

CAD FILE NO:

				ROOM	FINISH SO	CHEDULE			
ROOM	ROOM NAME			T		LLS		CEILING	
NUMBER	ROOM WAINE	FLOOR	BASE	NORTH	EAST	SOUTH	WEST	CLILING	REMARKS
				1					
100	WAITING ROOM	PORCELAIN TILE	WOOD 5 ½" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
101	CLOSET	PORCELAIN TILE	WOOD 5 ½" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
102	CORRIDOR	PORCELAIN TILE	WOOD 5 ½" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
103	BREAKROOM	PORCELAIN TILE	WOOD 5 ½"HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
104	OFFICE	PORCELAIN TILE	WOOD 5 ½"HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
105	BATHROOM	PORCELAIN TILE	WOOD 5 ½" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
106	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 ½" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
107 A	MALE BATH	PORCELAIN TILE	WOOD 5 ½" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
107.1	CLOSET	PORCELAIN TILE	WOOD 5 ½" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
107 B	FEMALE BATH	PORCELAIN TILE	WOOD 5 ½" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
107.2	CLOSET	PORCELAIN TILE	WOOD 5 ½" HIGH			FLAT PAINT	FLAT PAINT	ACT	
108	SLEEPING ROOM	IILC	WOOD 5 ½" HIGH			FLAT PAINT	FLAT PAINT	ACT	
109	SLEEPING ROOM	TILE PORCELAIN TILE	WOOD 5 ½" HIGH			FLAT PAINT	FLAT PAINT	ACT	
110	SLEEPING ROOM	TILE PORCELAIN TILE	WOOD 5 ½" HIGH			FLAT PAINT	FLAT PAINT	ACT	
111	OFFICE	PORCELAIN TII F	WOOD 5 ½" HIGH			FLAT PAINT	FLAT PAINT	ACT	
112	CLOSET	PORCELAIN TILF	WOOD 5 ½" HIGH				FLAT PAINT	ACT	
113	MEDICATION	PORCELAIN TILE	WOOD 5 ½" HIGH				FLAT PAINT	ACT	
115	LAUNDRY	PORCELAIN TILE	WOOD 5 ½" HIGH			FLAT PAINT	FLAT PAINT	ACT	
116	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 ½" HIGH			FLAT PAINT	FLAT PAINT	ACT	
117	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 ½" HIGH			FLAT PAINT	FLAT PAINT	ACT	
118	SLEEPING ROOM	''	WOOD 5 ½" HIGH				FLAT PAINT	ACT	
119	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 ½" HIGH					ACT	
120	SLEEPING ROOM	TILE PORCELAIN TILE	WOOD 5 $\frac{1}{2}$ " HIGH					ACT	
121	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 ½"HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	

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CONSULTANTS:

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AMERICAN UNITED ENGINEERS 4508 SW 24TH STREET FORT LAUDERDALE, FL 33317 PHONE: (954) 471-8657

PROJECT:

INTERIOR IMPROVEMENTS 950 NW 9th Court Boca Raton, FL

CONSTRUCT	TON DOCUMENTS
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PROGRESS - PRICING SET

PROJECT NUMBER: DATE: CAD FILE NO: 2016.06 7-18-2016 1606-SHEET-A9.1.d\

ADDENDA/REVISIONS

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SEAL:

CYNTHIA C. SPRAY, AIA AR-94167

DRAWING TITLE:

ROOM FINISH
SCHEDULES

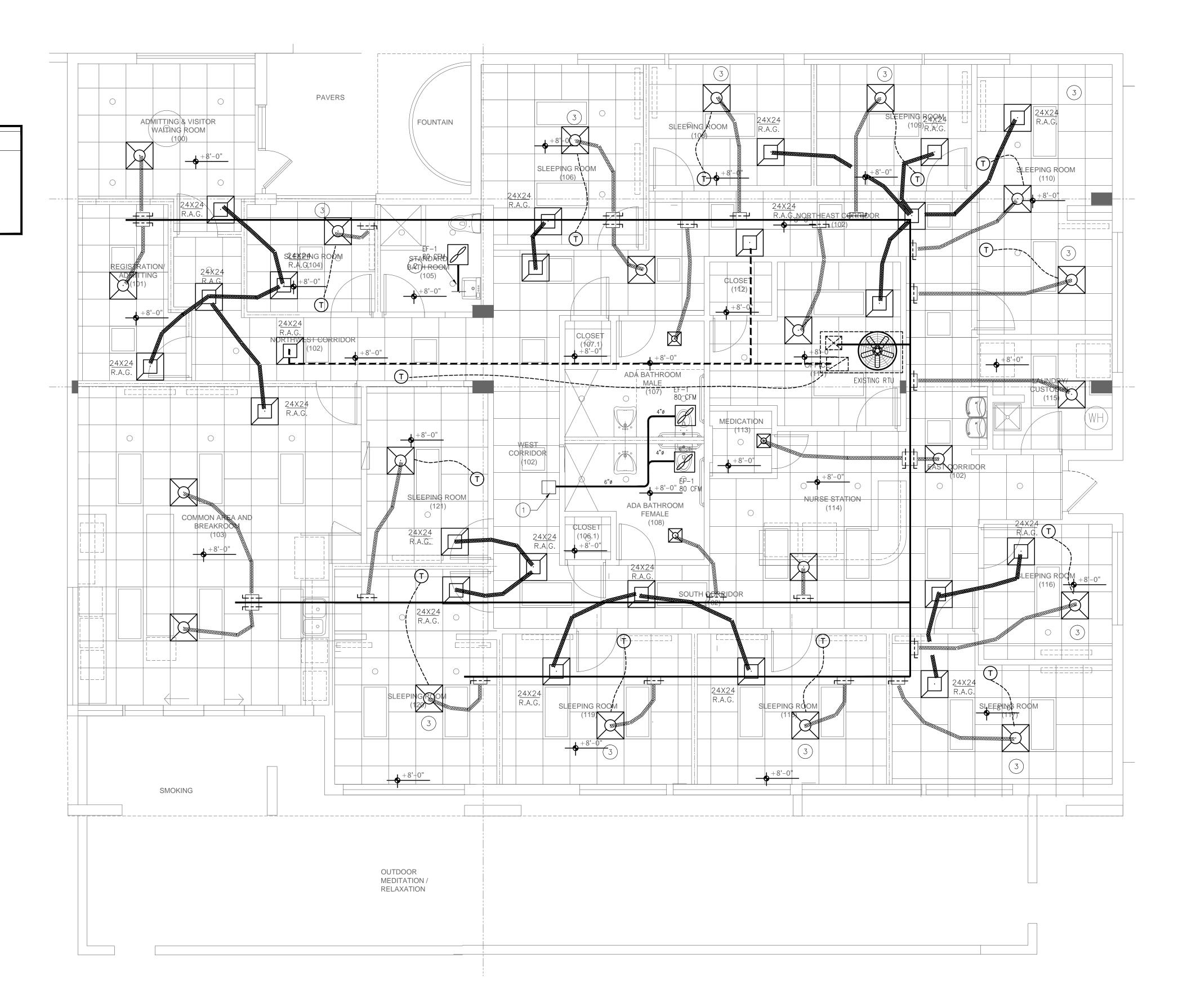
DRAWING NO:

Δ91

ACT = ACOUSTICAL CEILING TILE

DRAWING KEYNOTES

- 1) 6" BATHROOM EXHAUST THRU ROOF WITH INSECT SCREEN AND ROOF CAP.
- 2 TIE NEW 4" BATHROOM EXHAUST TO EXISTING. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.
- 3 TITUS VAV DIFFUSER MODEL T3SQ-0



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INTERIOR IMPROVEMENTS 950 NW 9th Court Boca Raton, FL

DESIGN DEVELOPMENT

PROJECT NUMBER: DATE: CAD FILE NO:	2016.06 06-29-2016
ADDENDA/REVISIO	NS
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SEAL:

CYNTHIA C. SPRAY, AIA AR-94167

DRAWING TITLE:

MECHANICAL PLAN

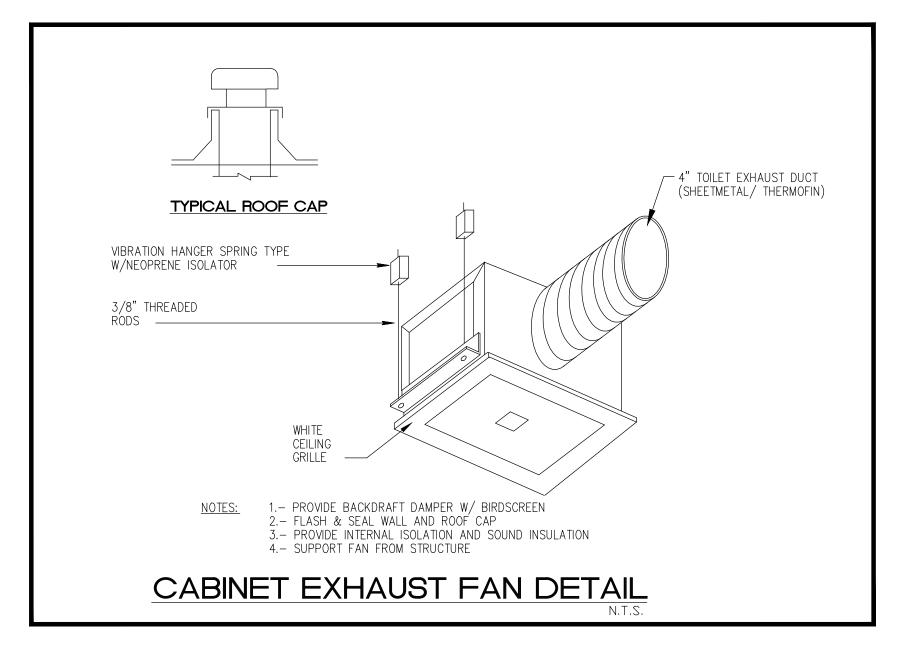
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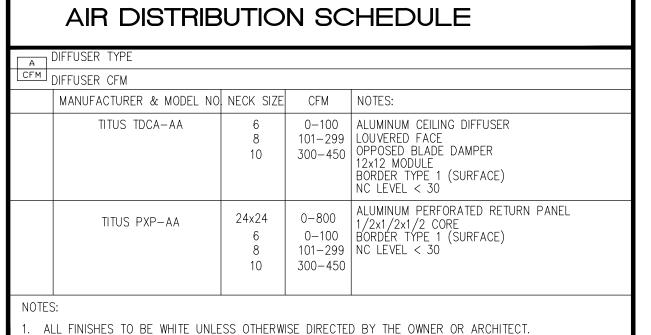
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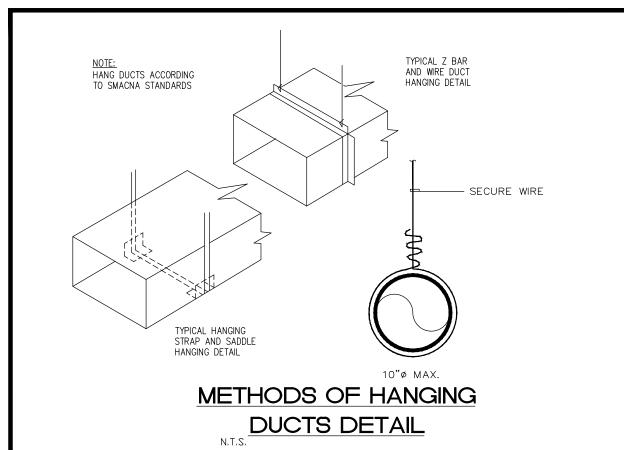
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Engineers Inc.

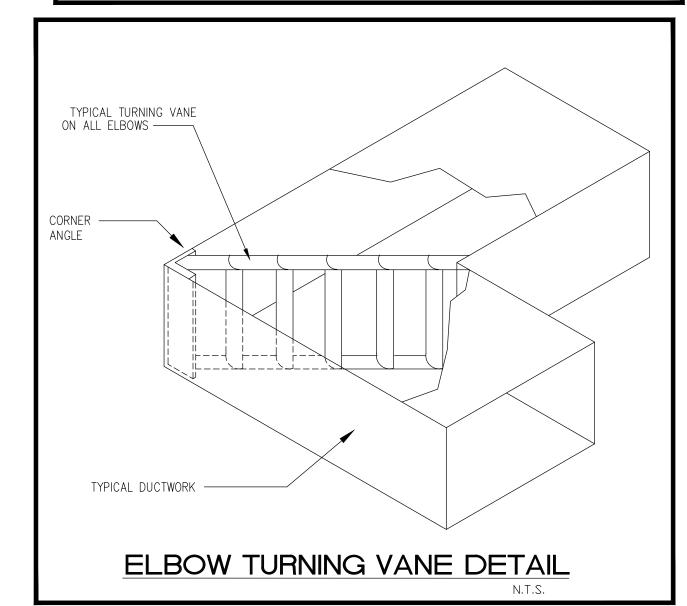
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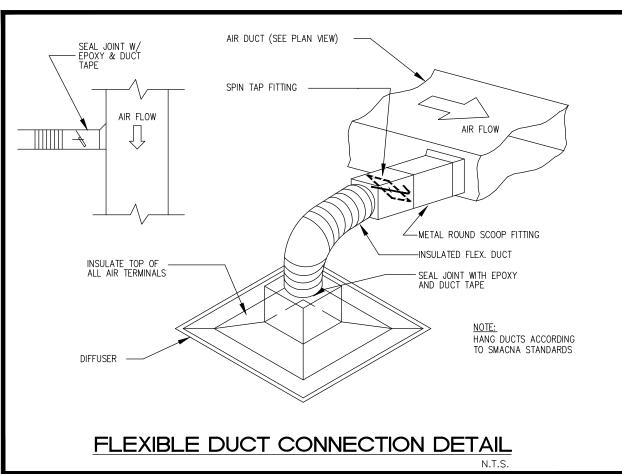
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GENERAL NOTES:

- ALL MECHANICAL SYSTEMS ARE TO BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE NFPA STANDARDS, ANSI STANDARDS, THE LOCAL BUILDING CODE, NOISE & HEIGHT ORDINANCES, PLANS AND SPECIFICATIONS.
- ALL MATERIALS SHALL BE NEW AND ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, PRODUCT APPROVAL, RULES AND ORDINALS, ANY DAMAGED EQUIPMENT SHALL BE REPLACED OR RESTORED TO ORIGINAL CONDITION.
- 3. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, ACCESS PANELS, CONTROL SYSTEMS, DEVICES, PERMITS AND SERVICES NECESSARY FOR FURNISHING AND INSTALLING A COMPLETE OPERABLE MECHANICAL SYSTEM.
- ALL LOUVERS, GRILLES, PIPING, ETC. SHALL BE PAINTED TO MATCH SURROUNDING COLOR AND TEXTURES AS REQUIRED BY ARCHITECT. VERIFY COLOR AND TEXTURE WITH ARCHITECT. PAINT ALL EXPOSED MECHANICAL EQUIPMENT WITH BENJAMIN MOORE EPOXY ENAMEL 182.
- 5. ALL CUTTING, PATCHING, STRUCTURAL STEEL, WEATHER PROOFING, PAINTING, AND WALL OPENINGS SHALL BE BY THE GENERAL CONTRACTOR.
- ALL OPENINGS IN BUILDING STRUCTURE, FOR DUCTWORK, PIPING, ETC. TO BE 1/2" LARGER (ON ALL SIDES) THEN THE OUTSIDE DIMENSIONS. FILL VOIDS WITH FIRE RETARDANT SILICONE FOAM (I.E. CHASE—FOAM CTC PR—855 BY CHASE TECHNOLOGY CORP.).
- 7. NOT USED
- 8. PROVIDE FLEXIBLE DUCT CONNECTORS, RATED AS REQUIRED, TO ALL FANS, A/C UNITS, OR MECHANICAL EQUIPMENT.
- PROVIDE MAINTENANCE AND OPERATION MANUAL ON ALL MECHANICAL EQUIPMENT OR SYSTEMS. PROVIDE 5 SETS OF SUBMITTALS ON ALL HVAC EQUIPMENT. SUBMITTALS SHALL HAVE A SUMMARY SHEET SHOWING ALL SCHEDULED
- 10. HVAC CONTRACTOR WILL WARRANTY ALL MECHANICAL SYSTEMS, DUCTWORK, THERMOSTATS, AND ALL OTHER EQUIPMENT, PARTS AND LABOR UNDER THESE DRAWINGS AND SPECIFICATIONS FOR A PERIOD OF ONE (1) YEAR AFTER C.O. OF BUILDING. ANY REPAIRS REQUIRING SYSTEM SHUT DOWN WILL BE DONE DURING NON OPERATIONAL PERIODS. HVAC CONTRACTOR SINCL COORDINATE WITH ALL OTHER TRADES DRIVE TO PIDDING AND DURING AND REPORTS. OTHER TRADES PRIOR TO BIDDING AND PURCHASING ANY EQUIPMENT. AIR QUALITY SHOULD BE TESTED BEFORE OCCUPANCY AND SHOULD BE INSTRUMENTED AND MONITORED THEREAFTER, OR AT LEAST AT REGULAR INTERVALS

MECHANICAL EQUIPMENT NOTES:

- ALL MECHANICAL EQUIPMENT SHALL BE ARI & U.L. LISTED WHERE APPLICABLE AND RATED FOR THE REQUIRED SERVICE, PRESSURES, TEMPERATURES, AND SHALL BE PROVIDED WITH ALL NECESSARY TRANSFORMERS, SEALS, VALVES, CONNECTIONS, ETC. TO FUNCTION PROPERLY.
- PROVIDE SMOKE DETECTORS WITH ACCESS DOORS IN ALL SUPPLY AIR DUCTS FOR FANS AND AHU'S OF 2000 CFM OR ABOVE. ALL SMOKE DETECTORS SHALL BE BY ONE MANUFACTURER; COORDINATE VOLTAGE ETC. WITH ELECTRICAL CONTRACTOR AND FIRE ALARM SYSTEM BEFORE ORDERING. UPON DETECTION, SMOKE DETECTORS SHALL SHUT DOWN ASSOCIATED AIR MOVING EQUIPMENT.
- PROVIDE TYPE "B" FIRE DAMPERS IN ALL DUCTS OR OPENINGS PENETRATING FIRE RATED WALLS, PARTITIONS, FLOORS OR ROOF SLABS AND AT FRESH AIR INTAKES IF REQUIRED (SEE ARCHITECTS PLANS FOR RATINGS). PROVIDE RADIATION DAMPERS IN RATED CEILINGS FOR ALL CEILING OPENINGS, CEILING FANS, DIFFUSERS OR GRILLES RATED FOR USE IN THE CEILING ASSEMBLY AS SPECIFIED BY ARCHITECT.
- 4. PROVIDE BACKDRAFT DAMPERS ON ALL EXHAUST FANS AND/OR INLINE FANS. PROVIDE VIBRATION ISOLATORS ON ALL MECHANICAL EQUIPMENT AS CALLED FOR IN THE SPECIFICATIONS. IF NOT SPECIFIED, AS RECOMMENDED BY MANUFACTURER FOR QUIET OPERATION (WITH 99% ISOLATION EFFICIENCY).
- 6. PROVIDE A MIN. OF 10' CLEARANCE BETWEEN O/A INTAKES AND VTR OR EXHAUST
- INDEPENDENT CONTRACTOR SHALL TEST AND BALANCE ALL MECHANICAL EQUIPMENT AIR DEVICES, EXTRACTORS, DAMPERS, AHU'S & FAN RATES, ETC. TO PROVIDE THE DESIGN QUANTITIES AS SHOWN ON THE PLANS OR SCHEDULES. PROVIDE T & B REPORT IN ACCORDANCE WITH THE AIR BALANCE COUNCIL STANDARDS, SIGNED AND SEALED BY A REGISTERED FLORIDA ENGINEER. PROVIDE FINAL BALANCING FOR ALL SYSTEMS TO SATISFACTION OF OWNER AND ENGINEER.T & B CONTRACTOR SHALL VISIT JOB SITE DURING CONSTRUCTION TO ENSURE THAT ALL DUCTS, DAMPERS, ETC. ARE INSTALLED FOR PROPER AND QUIET AIR DELIVERY.
- THERMOSTAT LOCATION SHALL BE APPROVED BY OWNER AND ENGINEER BEFORE INSTALLATION.
- 9. RUN INSULATED CONDENSATE DRAINS AS PER PLUMBING DRAWINGS.
- 10. MOUNT ALL ROOFTOP EQUIPMENT FOR WIND LOADS AND MOUNTING HEIGHTS AS REQUIRED BY LOCAL CODES, ALL CURBS SHALL EXTEND 8" MIN. ABOVE FINISHED
- 11. ALL PIPING AND DUCTWORK SHALL BE SLEEVED THRU WALLS, BEAMS, SLABS, ETC, AS REQUIRED AND COORDINATED WITH THE STRUCTURAL ENGINEER. REWORK BAR JOIST CROSS BRACING AND PROVIDE NECESSARY TRANSITIONS AS REQUIRED FOR DUCTWORK INSTALLATION.
- 12. ALL INSULATION WILL HAVE FIRE/SMOKE RATING LESS THAN 25/50. 13. PROVIDE MOTOR STARTERS AS FOLLOWS (UNLESS OTHERWISE RECOMMENDED BY MOTOR MANUFACTURER): A: PROVIDE OVERLOAD PROTECTION — 1/3 HP AND ABOVE (ALL PHASES).
 B: PROVIDE ACROSS THE LINE VOLTAGE STARTING BELOW 25 HP.
- 14. ALL OUTDOOR EQUIPMENT SHALL COMPLY WITH LOCAL ZONING NOISE ORDINANCES.
 MIN. REQUIREMENT SHALL NOT EXCEED A NOISE LEVEL OF 65 DB AS MEASURED
 RADIALLY 30 FT FROM THE EQUIPMENT IN ALL DIRECTIONS.
- 15. FOR ALL BELT DRIVEN RTU'S PROVIDE ADJUSTABLE PULLEYS
- 16. FILTERS SHALL BE IN PLACE DURING CONSTRUCTION. PROVIDE A NEW SET PRIOR TO TEST AND BALANCE AND A FINAL SET AT THE END OF ONE YEAR

AIR DISTRIBUTION / DUCTWORK NOTES :

- 1. REFER TO ARCHITECTURAL PLANS FOR CEILING TYPE.
- 2. PROVIDE OFF WHITE FINISH (SUBJECT TO ARCHITECT'S APPROVAL).
- 3. ALL DUCTWORK WHERE ALLOWED BY LOCAL CODES AND AND CEILING RATING SHALL BE 1" LOW PRESSURE DUCT, SEAL CLASS "C" AND AS FOLLOWS: A. S/A & R/A - 1-1/2" THICK FIBERGLASS DUCT BOARD WITH VAPOR BARRIER (R-6 MIN.) B. EXHAUST AIR DUCTWORK — GALVANIZED SHEETMETAL
- B. OUTSIDE AIR DUCTWORK INSULATED GALVANIZED SHEETMETAL 4. ALL DUCTWORK AND DIFFUSERS SHALL BE RATED FOR THE USE, PRESSURE AND TEMPERATURE SPECIFIED AND AS REQUIRED BY THE CEILING SYSTEM RATING.
- 5. ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH "SMACNA" STANDARDS AND LOCAL BUILDING CODES.

date

- 6. ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS. 7. SEAL ALL DUCTS, JOINTS AND SEAMS IN AN APPROVED MANNER AND INSURE AGAINST LEAKAGE.
- 8. PROVIDE ACCESS DOORS AS REQUIRED FOR ALL MECHANICAL EQUIPMENT TO SERVICE AND VISUALLY CHECK ROTATION OF FANS AND MOTORS, POSITION OF DAMPERS, REPLACE FIRE DAMPER LINKS, ADJUST OR REPLACE CONTROLS, ETC.
- PROVIDE VANED ELBOWS IN ALL CASES, SPLITTER DAMPERS WHERE INDICATED ON DRAWINGS AND VOLUME CONTROL DAMPERS IN ALL BRANCH DUCTS OR DIFFUSER

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PROJECT:

INTERIOR IMPROVEMENTS 950 NW 9th Court Boca Raton, FL

DESIGN DEVELOPMENT

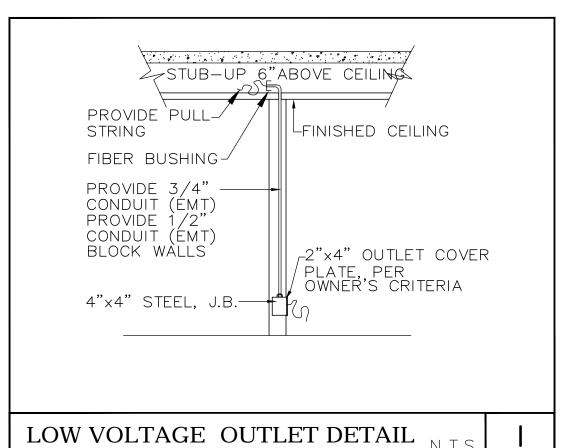
PROJECT NUMBER: DATE: CAD FILE NO:	2016.06 06-29-2016
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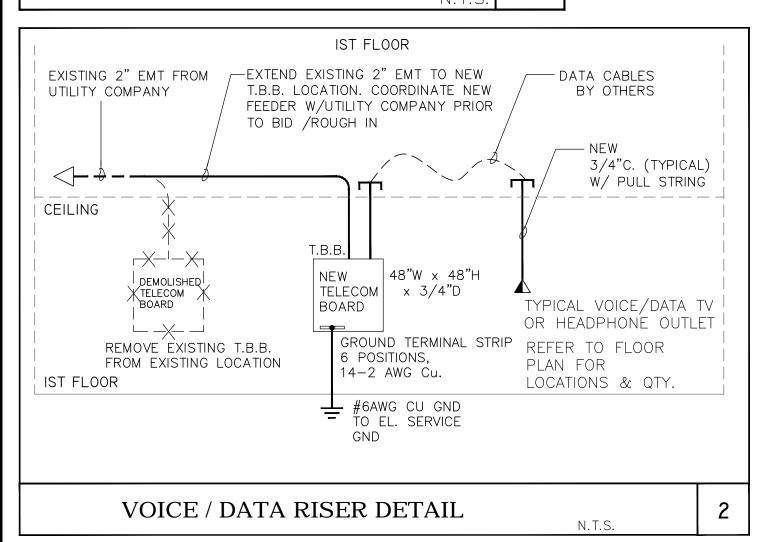
SEAL:

CYNTHIA C. SPRAY, AIA AR-94167

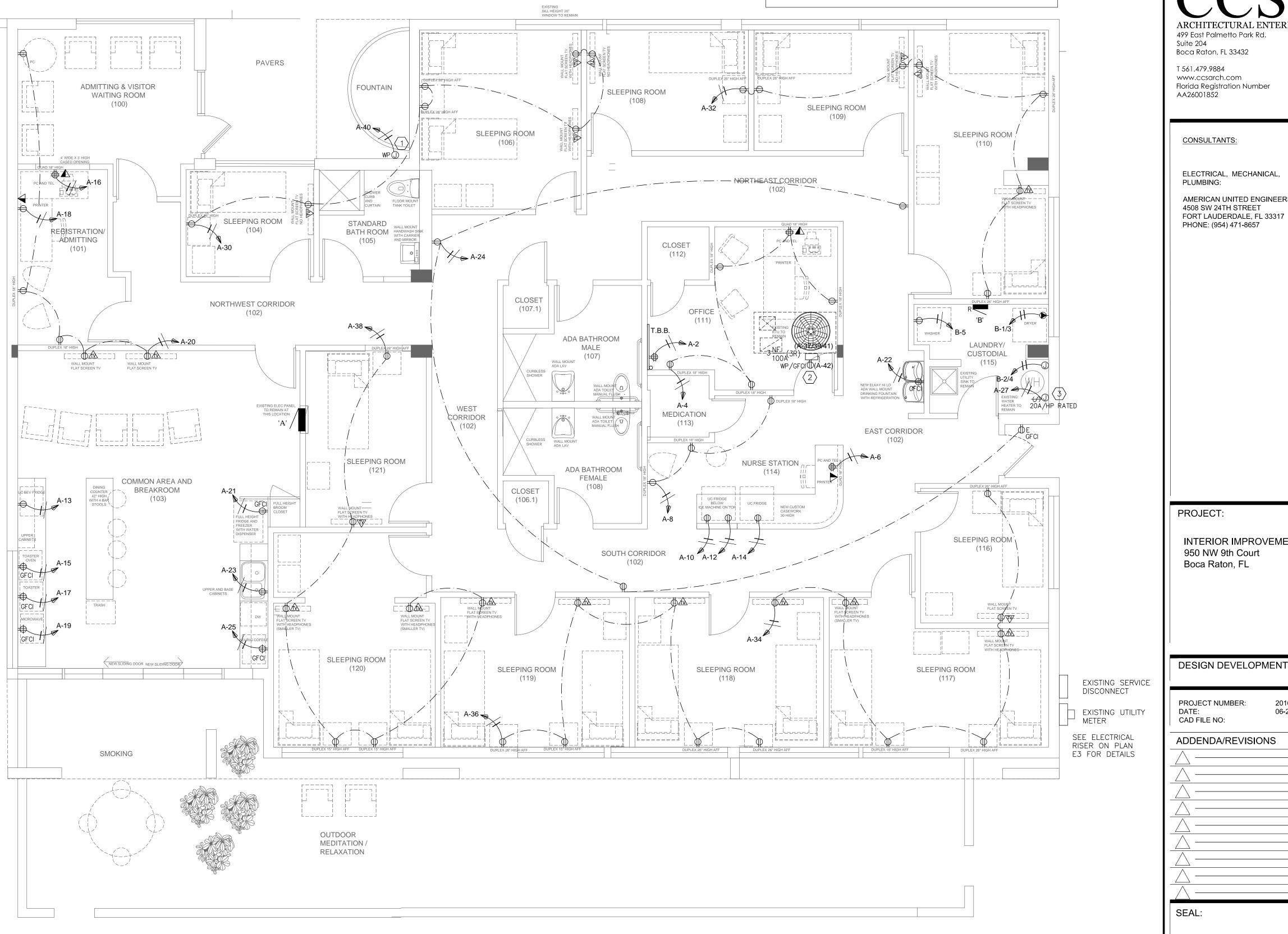
DRAWING TITLE: MECHANICAL PLAN







RECEPTACLES NOTES: - ALL OUTLETS LOCATED WITHIN 6FT OF THE OUTSIDE EDGE OF A SINK SHALL BE GFCI PROTECTED AS PER NEC 2011 210.8(B)5 - ALL 125V, 15A AND 20A RECEPTACLES SHALL BE LISTED TAMPER RESISTANT RECEPTACLES AS PER NEC 2011 406.14



POWER PLAN

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

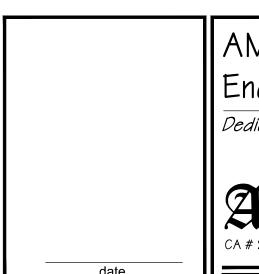


KEY NOTES: (#)

1. FOR FOUNTAIN PUMP CONNECTION. COORDINATE EXACT LOCATION AND WIRING REQUIREMENTS WITH OWNER AND SPECIALITY CONTRACTOR PRIOR TO BID/ROUGH IN.

2. FIELD VERIFY EXISTING LOCATION/CONDITION OF ROOF SERVICE RECEPTACLE AND PROVIDE NEW AS SHOWN IF NOT-EXISTING/UNSOUND . FIELD VERIFY CONDITION OF THE EXISTING RTU DISCONNECT AND REPLACE WITH NEW IF FOUND UNSOUND.

3. FOR WATER CIRCULATION PUMP. FIELD COORDINATE EXACT LOCATION PRIOR TO ROUGH IN.



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AMERICAN UNITED ENGINEERS

INTERIOR IMPROVEMENTS

2016.06

06-29-2016

950 NW 9th Court

Boca Raton, FL

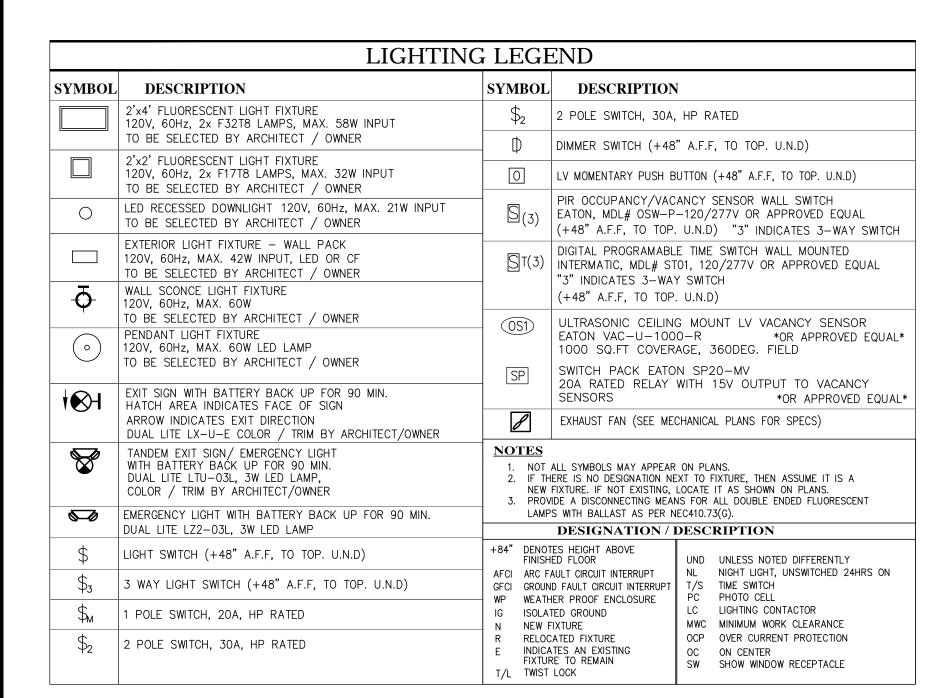
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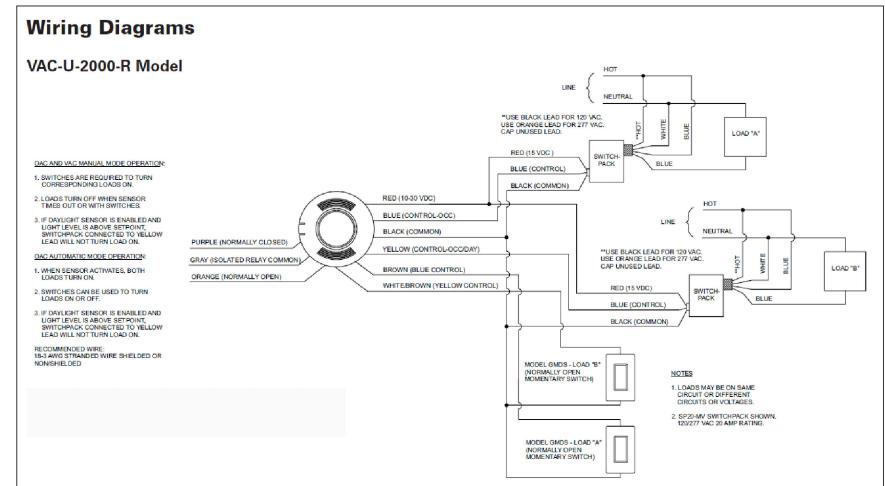
ADDENDA/REVISIONS

FORT LAUDERDALE, FL 33317

DRAWING TITLE: POWER PLAN





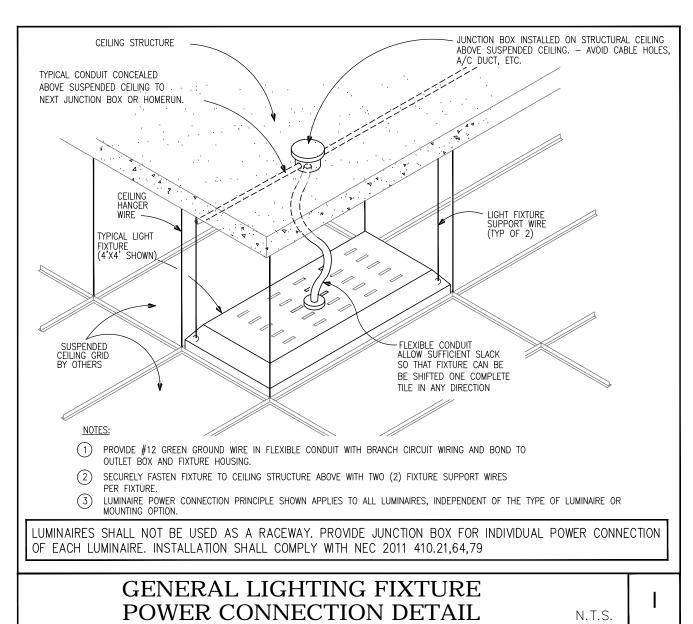


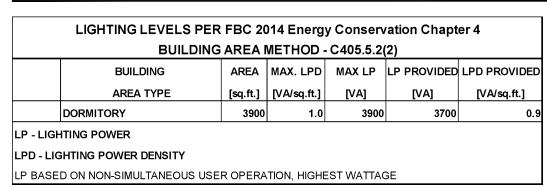
OCCUPANCY SENSOR / SWITCH PACK WIRING DIAGRAM

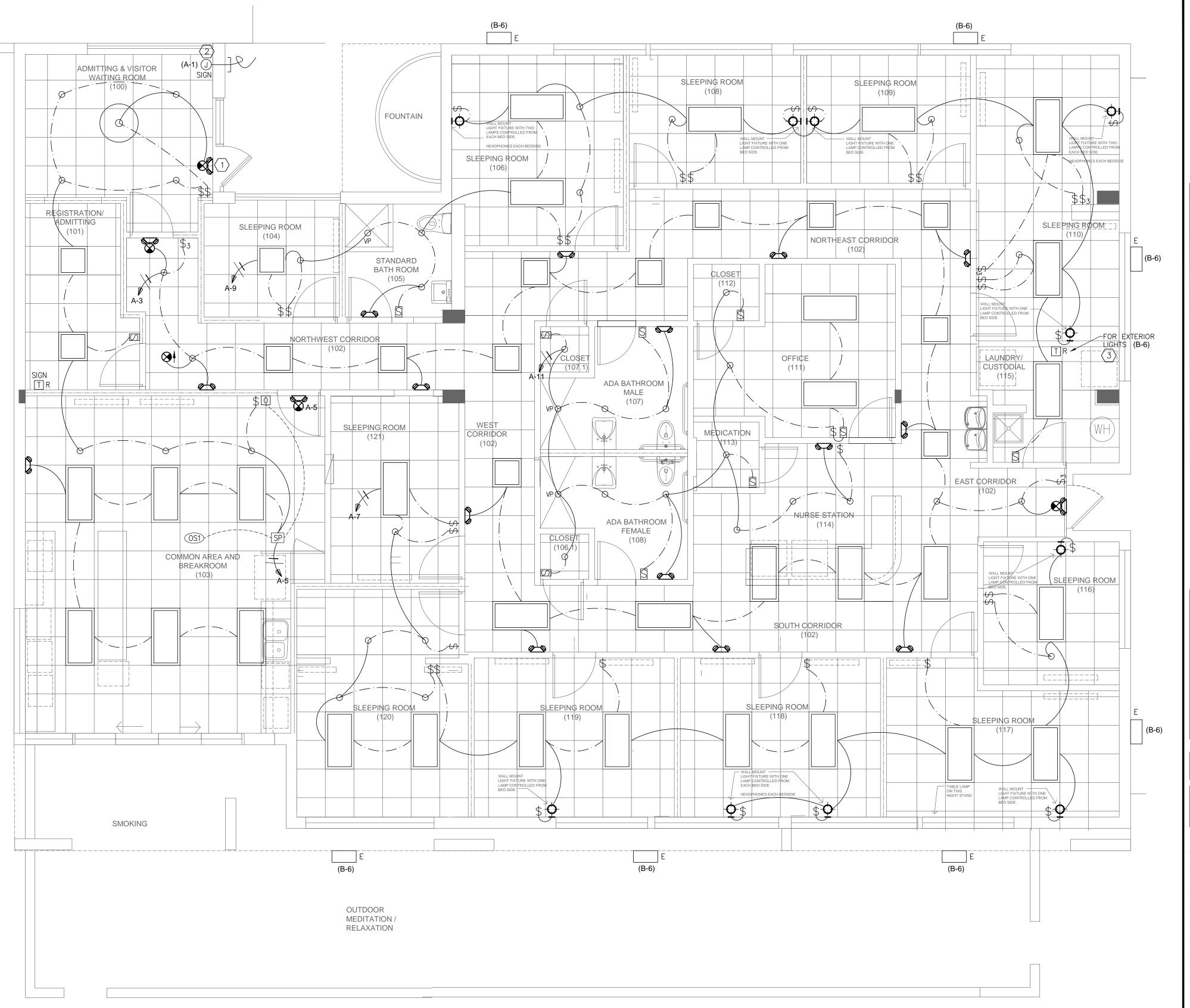
NOTES:

- THE OCCUPANT SENSOR MUST HAVE AN UNOBSTRUCTED VIEW OF THE ROOM.
- DO NOT MOUNT NEAR TALL CABINETS, SHELVES, INDIRECT HANGING FIXTURES, ETC.

 KEEP THE OCCUPANT SENSOR MIN. 6FT AWAY FROM AIR FLOW VENTILATION OUTLETS, WINDOWS, OTHER REFLECTIVE SURFACES, FANS.
- FIELD COORDINATE EXACT LOCATION PRIOR TO ROUGH IN.CLOSELY FOLLOW THE COVERAGE DIAGRAMS AND INSTALLATION GUIDELINES FROM MANUFACTURER.







LIGHTING PLAN
scale: 1/4" = 1'-0"

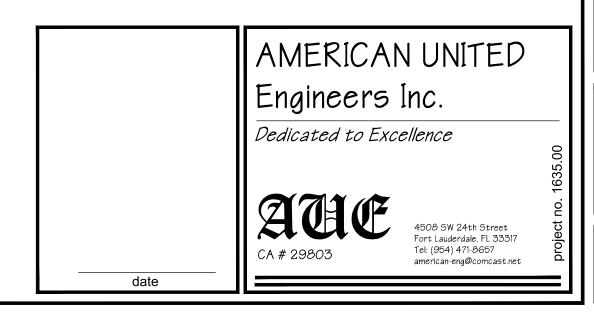


KEY NOTES: (#)

CONNECT ALL EXIT SIGNS AND EMERGENCY LIGHTS TO LOCAL LIGHT CIRCUIT AHEAD OF ANY SWITCHES OR RELAYS. PROVIDE UNSWITCHED HOT.
 FILED VERIFY AND CONFIRM EXACT LOCATION OF SIGN OUTLET WITH ARCHITECT / OWNER PRIOR TO BID / ROUGH IN. PROVIDE CONDUIT STUB OUT W/ PULL STRING IF RELOCATED.

RELOCATE EXISTING SIGN TIME SWITCH IN REGISTRATION ROOM AND RECONNECT TO EXISTING SIGN CIRCUIT AS PREVIOUS.

3. RELOCATE EXISTING TIME SWITCH FOR EXTERIOR LIGHTING CURRENTLY LOCATED IN LAUNDRY TO ACCOMMODATE NEW LAUNDRY LAYOUT AND RECONNECT TO EXISTING CIRCUIT B-6 AS PREVIOUS.



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CONSULTANTS:

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ELECTRICAL, MECHANICAL, PLUMBING:

AMERICAN UNITED ENGINEERS 4508 SW 24TH STREET FORT LAUDERDALE, FL 33317 PHONE: (954) 471-8657

PROJECT:

INTERIOR IMPROVEMENTS 950 NW 9th Court Boca Raton, FL

DESIGN DEVELOPMENT

PROJECT NUMBER: DATE: CAD FILE NO:	2016.06 06-29-2016
ADDENDA/REVISIO	NS

CYNTHIA C. SPRAY, AIA AR-94167

DRAWING TITLE:
LIGHTING PLAN

DRAWING NO:

SEAL:

E-2

ELECTRICAL SPECIFICATIONS

- MATERIALS AND INSTALLATION, AS A MINIMUM, ARE TO CONFORM WITH THE ADOPTED EDITION OF THE NATIONAL ELECTRIC CODE NEC 2011, FBC 2014 (5TH EDITION), FFPC 2014, NFPA 72 2010, LOCAL CODES, ORDINANCES, INCLUDING ALL AMENDMENTS TO THE N.E.C.. EQUIPMENT, WHERE APPLICABLE, WILL BE LISTED WITH THE UNDERWRITERS LABORATORIES, INC. QUALITY AND WORKMANSHIP ESTABLISHED BY DRAWINGS AND SPECIFICATIONS ARE NOT TO BE REDUCED BY THE ABOVE MENTIONED CODES.
- TO THE BEST OF OUR KNOWLEDGE AND ABILITY THESE DRAWINGS REPRESENT AN ACCURATE PRESENTATION OF EXISTING CONDITIONS BASED UPON CAREFUL EVALUATION OF OBSERVED CONDITIONS TO THE EXTENT REASONABLY POSSIBLE. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND IMEDIATELY NOTIFY ENGINEER WITH ANY DISCREPANCY.
- BIDDERS ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF WORK. THE SUBMISSION OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED, OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD AN EXAMINATION BEEN MADE, WILL NOT BE ALLOWED.
- 3. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST—CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM IS TO BE FULLY OPERABLE AND ACCEPTANCE OF THIS SYSTEM BY THE ENGINEER MUST BE A CONDITION
- 4. ALL WORK TO BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
- 5. CONTRACTOR TO GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE.
- 6. CORRECTION OF ANY DEFECTS TO BE COMPLETED WITHOUT ADDITIONAL CHARGE AND TO INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH
- 7. ALL REQUIRED INSURANCE TO BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY OF PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
- B. CONTRACTOR TO PAY FOR ALL PERMITS, FEES INSPECTIONS AND TESTINGS.

MAY HAVE BEEN DAMAGED THEREBY.

- 9. ELECTRICAL INSTALLATION TO MEET ALL STANDARD REQUIREMENTS OF LOCAL POWER AND TELEPHONE COMPANIES. ELECTRICAL CONTRACTOR SHALL CONTACT LOCAL POWER AND TELEPHONE COMPANIES PRIOR TO START OF CONSTRUCTION.
- O. ALL WIRING SHALL BE IN CONDUIT UNLESS OTHERWISE NOTED, MINIMUM WIRE SIZE SHALL BE #12 AWG, EXCLUDING CONTROL WIRING. ALL CONDUCTORS SHALL BE COPPER WITH THWN/THHN INSULATION. CONDUCTORS #10 AND SMALLER MAY BE SOLID; ALL THOSE #8 AND LARGER TO BE STRANDED.
- 1. ALL UNDERGROUND RACEWAYS SHALL BE MINIMUM 3/4", GALVANIZED RIGID STEEL CONDUIT OR SCHEDULE 40 PVC. ALL OTHER RACEWAYS TO COMPLY WITH GOVERNING CODES. WHERE RIGID STEEL IS USED, IT SHALL BE COMPLETELY COATED WITH AN ALKALI AND RUST RESISTANT BITUMASTIC PAINT, COPPER NO. 50, AND THREADS SHALL BE COATED WITH ZINC CHROMATE. RIGID STEEL SHALL ALSO BE USED WHEN CONDUIT IS EXPOSED TO EXTERIOR ENVIRONMENT SUCH AS EXTERIOR OF BUILDING OR WHERE IT IS EXPOSED AND SUBJECT TO DAMAGE, INSIDE OF BUILDING.
- 12. OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS, AND BE OF SPECIAL CONSTRUCTION FOR OTHER CLASSIFIED AREAS. ALL BOXES SHALL BE RECESSED (FLUSH) IN WALLS OR CEILINGS WHENEVER POSSIBLE.
- 3. DISCONNECT SWITCHES SHALL BE H.P. RATED, GENERAL DUTY, QUICK-MAKE, QUICK-BREAK TYPE. ENCLOSURES SHALL BE AS REQUIRED BY N.E.C. AND LOCATION (WEATHERPROOF, EXPLOSION PROOF, ETC.). ENGRAVED LAMINATED PLASTIC IDENTIFICATION PLATES SHALL BE FURNISHED AND INSTALLED ON ALL DISCONNECT SWITCHES, CONTACTORS AND STARTERS.
- 14. ALL FUSES FOR SAFETY SWITCHES SHALL BE DUAL ELEMENT, CARTRIDGE TYPE. FUSES SHALL BE THOSE MANUFACTURED BY EITHER BUSSMAN OR LITTLEFUSE. THE CONTRACTOR SHALL FURNISH TO THE OWNER ONE SPARE FUSE FOR EACH SIZE AND TYPE OF FUSE INSTALLED. FUSES 600 AMPS OR LESS SHALL BE CLASS RK1, TYPICAL UNLESS OTHERWISE NOTED. FUSES OVER 600 AMPS SHALL BE CLASS L.
- 15. ALL GENERAL PURPOSE SWITCHES AND RECEPTACLES SHALL BE THE PRODUCT OF A SINGLE MANUFACTURER. CATALOG NUMBERS LISTED ARE LEVITON: HOWEVER, COMPARABLE DEVICES BY PASS & SEYMOUR, BRYANT, OR ARROW HART WILL BE ACCEPTED. COLOR OF DEVICES AND PLATES SHALL BE WHITE UNLESS DICTATED OTHERWISE BY ARCHITECT/OWNER.
- 16. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM, AND PROVIDE ALL NECESSARY DEVICES AND COMPONENTS FOR EQUIPMENT BE PLACED IN PROPER WORKING ORDER.
- 17. A SEPARATE, GREEN TYPE THWN COPPER GROUND CONDUCTOR SHALL BE RUN FROM GROUND LUG OF EACH GROUNDED RECEPTACLE TO AN APPROVED CONNECTION INSIDE THE ENCLOSING STEEL OUTLET BOX. DEVICE MOUNTING SCREWS SHALL NOT BE CONSIDERED AN APPROVED GROUND. A SEPARATE GROUND CONDUCTOR SHALL BE INSTALLED IN EVERY CONDUIT AND RACEWAY AND SECURELY BONDED IN AN APPROVED GROUNDING TERMINAL AT BOTH ENDS OF THE RUN. THE GROUNDING CONDUCTOR SHALL BE SIZED IN ACCORDANCE WITH TABLE 250-122 OF THE N.E.C. CONTRACTOR SHALL SIZE CONDUIT TO ACCOMMODATE ADDITIONAL CONDUCTOR.
- 18. LOAD DATA IS BASED ON INFORMATION GIVEN TO THE ENGINEER AT THE TIME OF DESIGN.
- VERIFY ALL EQUIPMENT NAMEPLATE RATINGS BEFORE ORDERING.

 19. CIRCUITS SHOWN ON PLANS ARE TO DETERMINE LOAD DATA AND PANEL SIZES. THE CONTRACTOR IS TO PROVIDE CIRCUITS AND ROUTING OF CONDUITS TO SUIT JOB
- 20. FURNISH AND INSTALL DISCONNECT SWITCHES, WIRING, AND CONNECTIONS ON AIR CONDITIONING SYSTEM AS SHOWN ON PLANS. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT AND WIRING FROM C.U.TO A.H.U. ,TERMINATION SHALL BE PERFORMED BY
- 21. ALL FLUORESCENT LIGHT FIXTURES SHALL HAVE IN LINE FUSING AND ENERGY SAVING BALLASTS. (ONLY REQUIRED IN MIAMI DADE COUNTY)
- 22. ALL SWITCHGEAR, PANELS, STARTERS, CONTACTORS ETC., SHALL BE THE PRODUCT OF A SINGLE MANUFACTURER, THE SYSTEM DESIGN IS BASED ON SQUARE "D"; HOWEVER, COMPARABLE EQUIPMENT BY G.E. & SIEMENS ONLY WILL BE ACCEPTABLE. TANDEM AND HALF—SPACE CIRCUIT BREAKERS SHALL NOT BE USED.
- 23. PROVIDE IDENTIFICATION FOR ALL PANELS, CABINETS, ENCLOSURES, DISCONNECTS & TRANSFORMERS USING ENGRAVED NAMEPLATES, WHITE LETTERING ON A BLACK BACKGROUND. NAMEPLATES SHALL IDENTIFY PANEL DESIGNATION (NAME,) VOLTAGE, PHASE & WIRE CONFIGURATION. PROVIDE TYPEWRITTEN DIRECTORIES UNDER PLASTIC COVER FOR ALL PANEL BRANCH CIRCUITS, CLEARLY INDICATING AREA AND TYPE OF LOAD SERVED BY EACH BRANCH CKT PROTECTIVE DEVICE, INCLUDING SPARES. HAND PRINTED WILL NOT BE ACCEPTED.
- 24. ENGRAVED, LAMINATED PLASTIC IDENTIFICATION PLATES SHALL BE FURNISHED AND INSTALLED ON ALL PANELS AND SWITCHGEAR. PLATES SHALL BE AFFIXED TO FRONT OF PANELS, INDICATING PANEL NAME, VOLTAGE AND AMPERAGE.
- 25. ALL UNDERGROUND PVC CONDUIT RUNS SHALL HAVE RIGID STEEL ELBOWS AND RIGID STEEL SECTIONS AT SLAB PENETRATIONS WHERE SUBJECT TO POSSIBLE DAMAGE. WHERE RIGID STEEL IS USED, IT SHALL BE COMPLETELY COATED WITH AN ALKALI AND RUST—RESISTANT BITUMASTIC PAINT, COPPER NO. 50, AND THREADS SHALL BE COATED WITH ZINC CHROMATE.
- 26. THE ELECTRICAL CONTRACTOR SHALL MEET AND COORDINATE WITH THE LOCAL POWER COMPANY AT THE SITE PRIOR TO CONSTRUCTION. AT THAT TIME, THE CONTRACTOR SHALL COORDINATE ALL RELATED WORK WITH THE UTILITY COMPANY'S RESPONSIBILITIES
- 27. ALL ELECTRICAL CONDUCTORS SHALL BE INSTALLED IN AN APPROVED RACEWAY, EMT, IMC, RIGID GALVANIZED CONDUIT OR SCHEDULE 40 P.V.C. THERE SHALL BE NO TYPE 'NM' AND ELECTRICAL NON-METALLIC TUBING USED FOR BRANCH CIRCUITING. MAXIMUM NUMBER OF 120V CIRCUITS ALLOWED IN A COMMON CONDUIT SHALL BE SIX (6). "MC" TYPE CABLE SHALL NOT BE USED AS HOME RUNS. THE CONTRACTOR SHALL STRICTLY CONFORM TO THE N.E.C. REQUIREMENTS OF DERATING FOR CONDUCTOR AMPACITY AND
- CONDUIT FILL.

 28 CONDUCTORS SHALL BE COLOR CODED AS FOLLOWS:

MECHANICAL CONTRACTOR.

20. 001100010113 3117	THE BE OCCUR OUDED TO FOLK	20113.	
208V SYSTEM	240V (HIGH LEG) SYSTEM	480V SYSTEM	PHASE SEQUENCE
NEUTRAL - WHITE	NEUTRAL – WHITE	NEUTRAL - WHITE	ABC, TOP TO BOTTOM
PHASE A - BLACK	PHASE A - BLACK	PHASE A - BROWN	LEFT TO RIGHT,
PHASE B — RED	PHASE B - ORANGE	PHASE B - PURPLE	FRONT TO BACK
PHASE C - BLUE	PHASE C - BLUE	PHASE C - YELLOW	
CDD CON CDEEN	CDD CON CDEEN	CPD CON	CDEEN

- 29. CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING ALL CONDUIT PENETRATIONS MADE THROUGH FIRE RATED WALLS, CEILINGS, SLABS, ETC. PENETRATION SEALS SHALL BE PER
- 30. CONTRACTOR SHALL MAINTAIN A COMPLETE SET OF CONTRACT DRAWINGS AT JOB SITE WITH COLORED MARKINGS INDICATING PROGRESS OF WORK. THIS SET OF CONTRACT DRAWINGS IS TO BE SEPARATE FROM AND IN ADDITION TO CONTRACTOR'S CONSTRUCTION SET. EVERY UNIT OF EQUIPMENT, DEVICE, CONDUIT AND WIRE IS TO MARKED WHEN INSTALLED. USE GREEN TO INDICATE INSTALLATION AS SHOWN ON DRAWINGS AND USE RED TO INDICATE FIELD CHANGES. UPON COMPLETION OF WORK, THIS SET OF CONTRACT DRAWINGS IS TO BE TURNED OVER TO, AND BECOME PROPERTY OF THE ELECTRICAL
- 31. IF ELECTRICAL CONTRACTOR HAS QUESTIONS, OR IN THEIR OPINION FINDS OMISSIONS OR ERRORS ON ELECTRICAL DOCUMENTS, IT IS THEIR RESPONSIBILITY TO BRING THIS TO THE ATTENTION OF THE ELECTRICAL ENGINEER IMMEDIATELY. IF ELECTRICAL CONTRACTOR PROCEEDS WITH ANY CHANGES TO THE CONTRACT DOCUMENTS, WITHOUT WRITTEN PRIOR APPROVAL FROM THE ELECTRICAL ENGINEER, CONTRACTOR WILL NOT BE COMPENSATED.

NOTES TO CONTRACTOR

- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN DRAWINGS FOR ACTUAL LOCATIONS OF ALL CEILING LIGHTS AND DEVICES.
 ELECTRICAL DRAWINGS SHALL NOT BE USED TO LOCATE FIXTURES.
 COORDINATE WITH ARCHITECT/CLIENT TYPE AND COLOR OF SWITCH/RECEPTACLE PLATES
 REFER TO ARCHITECT FOR ALL FINAL LOCATIONS/DEVICES PRIOR TO
- NOTES:

 AN OPERATING MANUAL AND MAINTENANCE MANUAL SHALL BE PROVIDED TO
 THE BUILDING OWNER AS PER FBC 2014 405.7.4.2. THE MANUALS SHALL INCLUDE,
 AT A MINIMUM. THE FOLLOWING:
- 1. SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.

 2. OPERATION MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINE MAINTENANCE SHALL BE CLEARLY IDENTIFIED.

3. NAMES AND ADDRESSES OF AT LEAST ONE QUALIFIED SERVICE AGENCY.

VOLTAGE DROP CALCULATIONS

- 1. 3% VOLTAGE DROP CALCULATED FOR EVERY BRANCH CIRCUIT SHOWS MAXIMUM DISTANCE ALLOWED FOR THE SPECIFIED WIRE SIZE BASED ON DESIGNED LOAD.
- 2. ALL CIRCUITS HAVE BEEN VERIFIED ON FLOOR PLANS BASED ON HORIZONTAL STRAIGHT RUNS WITH ADDITIONAL 30 FEET OF VERTICAL RUNS. ACTUAL DISTANCES FOR EVERY CIRCUIT RUN SHALL BE FIELD MEASURED BY THE ELECTRICAL CONTRACTOR. CONTRACTOR SHALL PROVIDE NEXT WIRE SIZE FOR RUNS OVER MAXIMUM DISTANCE SHOWN ON PANEL SCHEDULES.

	PANEL SCHEDULE Rated Voltage:	A 120/208\	,			EXIST 3PH,4W	ING			Manı	ufacturer:		EXISTING	(SQUARE D)			Mounti	ng:	FLUSH		
	Rated Amps: (Cu bus)	400A				SPACES:		42		Loca	tion:		3RD FLOC	R EL. ROOM			Туре:		NEMA 1		
	Main:	MLO								Proje	ct No:		1635.00				A.I.C:		EXISTING		
								KVA						KVA							
NOTE	CIRCUIT DESIGNATION	O.C.P.	AWG	MAX. DIST.(ft)	VOLT DROP	RCPT	LTG/CONT	KITCHEN	MOTOR/APP.	РН	RCPT	LTG/CONT	KITCHEN	MOTOR/APP.	MAX. DIST.(ft)	VOLT DROP	AWG	O.C.P.	CIRCUIT DESIGNATION		NOTE
1	SIGN	20/1	12	110	3%		1.2			Α	0.60				219	3%	12	20/1	T.B.B.	2	
3	CORRIDOR LIGHTS/EMERGENCY	20/1	12	176	3%		0.75			В	1.50				88	3%	12	20/1	OFFICE RECEPTACLES	4	
5	RECEPT/BREAK LTS/ EMERGENCY	20/1	12	219	3%		0.6			С	0.60				219	3%	12	20/1	NURSE STATION QUAD	6	ı
7	SOUTH SLEEPING RMS. LIGHTS	20/1	12	132	3%		1.0			Α	0.54				244	3%	12	20/1	NURSE STATION RECEPTACLES	8	
9	NORTH SLEEPING RMS. LIGHTS	20/1	12	139	3%		0.95			В				0.70	188	3%	12	20/1	UC REFRIG. NURSE STATION	10	
11	OFFICE/RESTROOM LTS. EMERG.	20/1	12	329	3%		0.4			С				1.20	110	3%	12	20/1	ICE MACHINE NURSE STATION	12	
13	BREAKROOM UC BEV FRIDGE	20/1	12	188	3%				0.70	Α				0.70	188	3%	12	20/1	UC REFRIG. NURSE STATION	14	ı
15	BREAKROOM TOASTER OVEN	20/1	12	73	3%				1.80	В	0.60				219	3%	12	20/1	REGISTRATION RECEPTACLE	16	
17	BREAKROOM TOASTER	20/1	12	73	3%				1.80	С	1.20				110	3%	12	20/1	REGISTRATION PRINTER	18	
19	BREAKROOM MICROWAVE	20/1	12	82	3%				1.60	Α	0.72				183	3%	12	20/1	REGISTRATION/WAITING RECEPT	20	l
21	BREAKROOM FRIDGE	20/1	12	120	3%				1.10	В				0.50	263	3%	12	20/1	DRINKING FOUNTAIN	22	
23	BREAKROOM DISHWASHER	20/1	12	110	3%				1.20	С	0.54				244	3%	12	20/1	CORRIDOR RECEPTACLES	24	
25	BREAKROOM COFFEE MAKER	20/1	12	88	3%				1.50	Α	0.00	2.65	0.00	3.70	79	3%	6	60/2	PANEL B	26	
27	WATER CIRCULATION PUMP	20/1	12	219	3%				0.60	В	0.00	2.25	0.00	2.50						28	ł
29	SPARE	20/1								С	1.26				104	3%	12	20/1	SLEEPING ROOM 104,105,106,108	30	
31	SPARE	20/1								Α	1.26				104	3%	12	20/1	SLEEPING ROOM 108,109,110	32	ł
33	SPARE	20/1								В	1.26				104	3%	12	20/1	SLEEPING ROOM 116,117,118	34	
35	SPARE	20/1								С	1.10				120	3%	12	20/1	SLEEPING ROOM 118,119	36	
37							8.30			Α	1.26				104	3%	12	20/1	SLEEPING ROOM 120,121	38	
39	RTU	100/3	3	111	3%		8.30			В				0.60	219	3%	12	20/1	FOUNTAIN PUMP	40	4
41							8.30			С	0.18				731	3%	12	20/1	ROOF SERVICE RECEPTACLE	42	
	SUBTOTAL CO	ONNECTED	LOAD:			0.0	29.8	0.0	10.3		12.6	4.9	0.0	9.9			: SUBT	OTAL CO	NNECTED LOAD		
	CONNECTED LOAD DUVE -	. -										A	В	C	TOTAL						
	CONNECTED LOAD PHASE A						'	CONTINUOUS & LARGEST MOTOR CONNECTED MOTOR LOADS				3.3 8.2	3.1 7.8	2.3 4.2	8.7				verify max. O.C.P.D. with nameplat	te	
	CONNECTED LOAD PHASE B						[_							note 2 lockable circuit breaker			
1	CONNECTED LOAD PHASE C	18.4						CONNE	ECTED LIGHTIN	G LOA	: 2000 ש רו	13.2	12.3	9.3	34.7			note 3	RUN THRU LIGHTING RELAY I	PAN.	EL

Р	'ΑΝ	IEL SCHEDULE	В		RELO	CATI	ΕD															
Ra	ated	Voltage:	120/240\	/			1PH,3W				Manu	ıfacture:		EXISTING				Mounti	ng:	SURFACE		
Ra	ated	Amps: (Cu bus)	60A				SPACES:	6			Loca	tion:		LAUNDRY				Type:		NEMA 1		
Ma	ain:		MLO								Proje	ct No:		1635.00			A.I.C: EXISTING					
								K	VA				K	V A								
TES		CIRCUIT DESIGNATION	O.C.P.	AWG	MAX. DIST.(ft)	VOLT DROP	RCPT	LGT/HEAT	KITCHEN	OTHER	РН	RCPT	LGT/HEAT	KITCHEN	OTHER	MAX. DIST.(ft)	VOLT DROP	AWG	O.C.P.	CIRCUIT DESIGNATION		NC
	1	DRYER	30/2	10	87	3%				2.50	1		2.25			145	3%	8	40/2	EWH	2	
:	3									2.50	2		2.25			1					4	
į	5	WASHER	20/1	12	110	3%				1.20	1		0.40			329	3%	12	20/1	EXTERIOR LIGHTS WALL PACKS	6	
		SUBTOTAL C	ONNECTED	LOAD:			0.0	0.0	0.0	6.2		0.0	4.9	0.0	0.0			: SUBT	OTAL CON	NNECTED LOAD		
					1						, ,		•	,		•						
		CONNECTED LOAD LINE 1												OR @ 25%:	1.2					voing main over in white maintage	te	
		CONNECTED LOAD LINE 2	: 4.75							(CONNE	ECTED MO	TOR LOAD	S @ 100%:	6.2				note 2	lockable circuit breaker		
							CONNECTED LIGHTING LOAD @100%: 4.9 note 3 non-concurrent load															
		TOTAL CONNECTED LOAD	: 3.9				CONNECTED KITCHEN LOADS @ 65%:: 0.0 note 4 G.F.C.I. type circuit bre									G.F.C.I. type circuit breaker						
		RECEPT. CONNECTED LOAD	: 0.0				RECEPEPTACLE COMPUTED LOAD: 0.0 note 5 HACR TYPE C.B.								HACR TYPE C.B.							
							TOTAL COMPUTED LOAD: 12 KVA note 6 time switch controlled															

CONNECTED KITCHEN LOADS @ 65%:: 0.0 0.0 0.0

RECEPTACLE COMPUTED LOAD: 4.4 3.4 4.9 12.6

TOTAL COMPUTED LOAD: 29.0 26.5 20.7 76.2 KVA

0.0

242 221 173 211.5 A

note 4 PROVIDE G.F.C.I. type circuit breaker

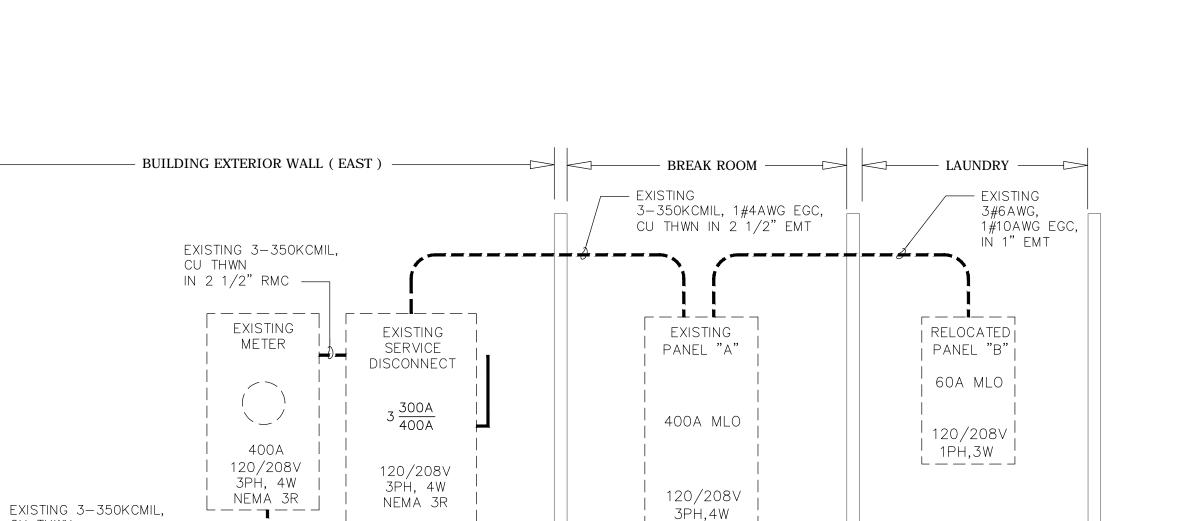
note 8 Provide lockable type circuit breaker

note 5 HACR C.B.

note 6 non concurrent load

note 7 Provide isolated ground

note 7 mechanically held lighting contactor



- — — — — —

TOTAL CONNECTED LOAD: 67.5

RECEPT. CONNECTED LOAD PH.A: 4.4

RECEPT. CONNECTED LOAD PH.B: 3.4

RECEPT. CONNECTED LOAD PH.C: 4.9

EXISTING ELECTRICAL RISER

N.T.S.

NOTES: (#)

CU THWN

TO EXISTING UTILITY

IN 2 1/2" NMC ——

TRANSFORMER -----

1. RE-ROUTE EXISTING FEEDER TO NEW PANEL LOCATION AND RECONNECT AS PREVIOUS.

ک CWP

EXISTING #2AWG, CU THWN GND

PROVIDE PROPER SIGNAGE AS PER 110-16. SIGNAGE TO STATE:
"WARNING ARC FLASH HAZARD. APPROPRIATE PPE REQUIRED.
FAILURE TO COMPLY CAN RESULT IN DEATH OR INJURY.

REFER TO NFPA 70 E."

----- EXISTING

-X---X---X DEMOLISHED

1ST FLOOR

AMERICAN UNITED Engineers Inc.

Dedicated to Excellence

AUC

date

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PROJECT:

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DESIGN DEVELOPMENT

PROJECT NUMBER: DATE: CAD FILE NO:	2016.06 06-29-2016
ADDENDA/REVISIO	DNS

CYNTHIA C. SPRAY, AIA AR-94167

DRAWING TITLE:
ELECTRICAL RISER
PANEL SCHEDULES

DRAWING NO:

SPECIFICATIONS

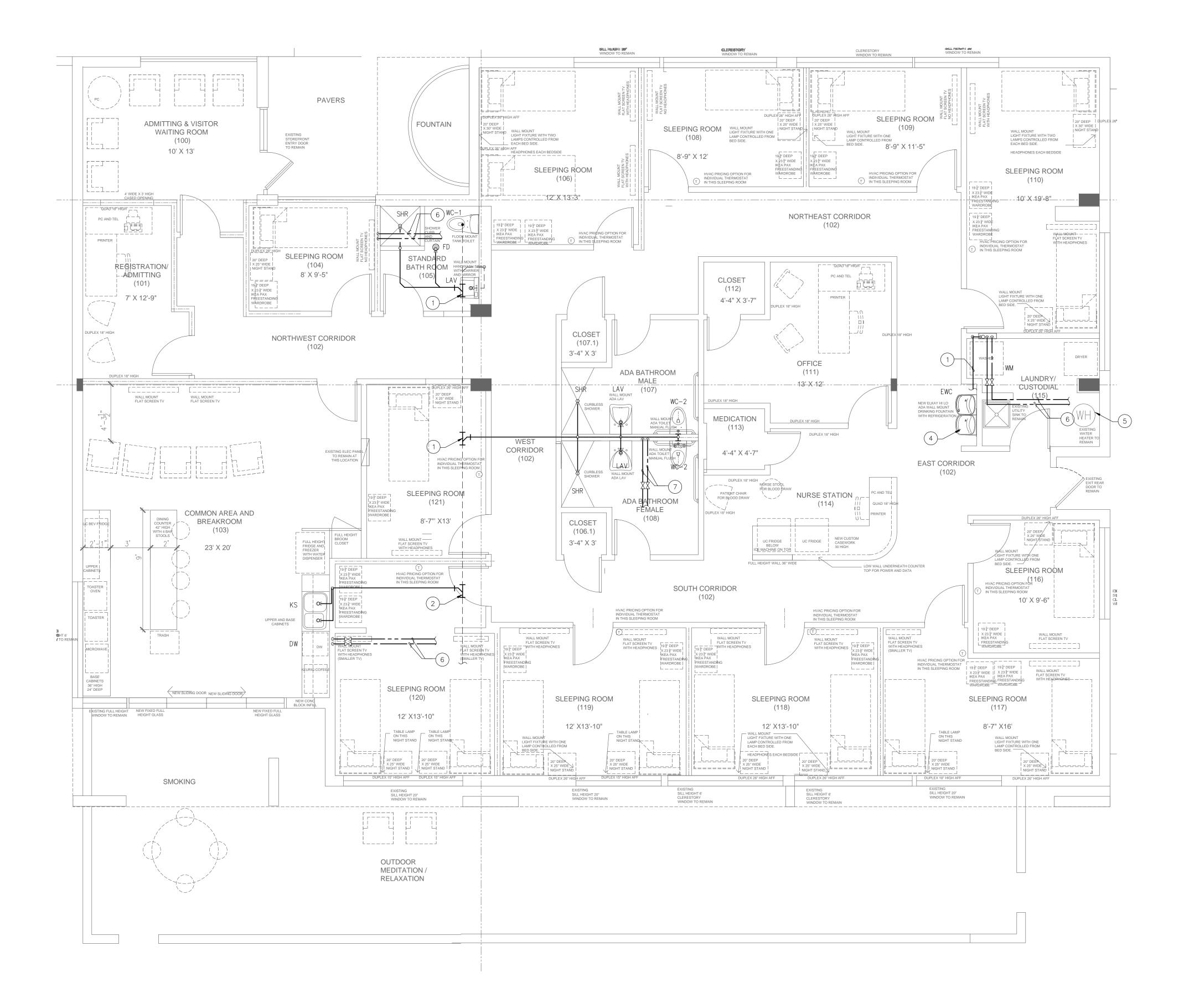
SEAL:

E-3

PLUMBING KEY NOTES

- 1) TIE NEW 3" SANITARY TO EXISTING. CONTRACTOR TO FIELD VERIFY EXACT
- 2 TIE NEW 2" SANITARY TO EXISTING. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.
- (3) REPLACE EXISTING WATER COOLER WITH NEW BI-LEVEL ADA COOLER. CONNECT TO EXISTING WATER SANITARY ROUGH-IN AS REQUIRED.
- (4) EXISTING MOP SINK TO REMAIN. (5) EXISTING WATER HEATER TO REMAIN
- (6) TIE NEW 1/2" HW AND CW TO EXISTING. CONTRACTOR TO FIELD VERIFY EXACT
- 7) TIE NEW 3/4" HW AND 1-1/2" CW TO EXISTING. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.
- 2 TIE NEW 1" CW TO EXISTING METER. CONTRACTOR TO FIELD VERIFY EXACT
- 3 STIEBEL-ELTRON TANKLESS WATER HEATER MODEL TEMPRA 29. (28.8 KW@240V)
- (4) 3/4" CW AND 1/2" HW UP
- (5) 1/2" HW AND CW UP
- (6) 1/2" CW UP
- (7) 1" CONDENSATE UP





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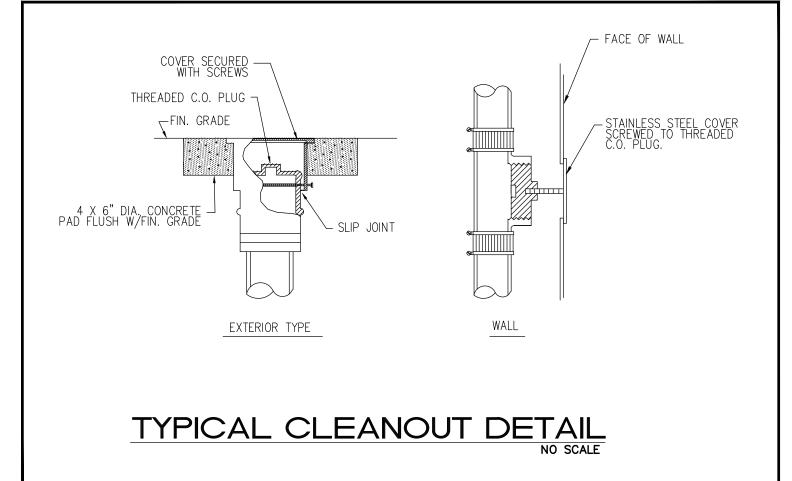
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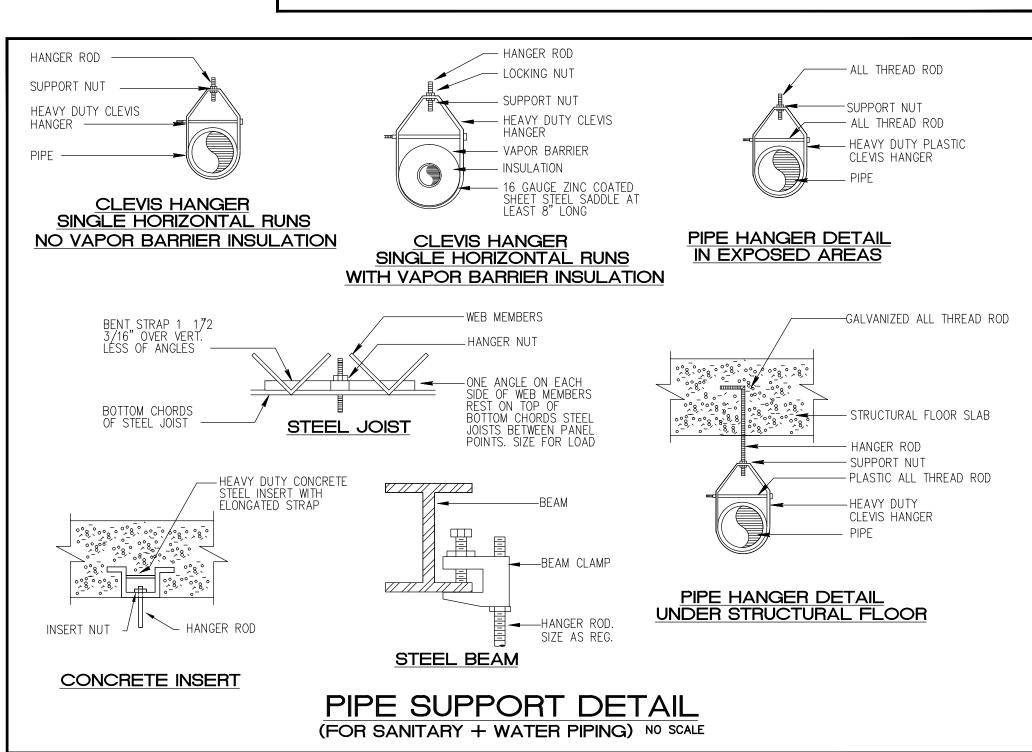
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SEAL:

CYNTHIA C. SPRAY, AIA AR-94167

DRAWING TITLE: PLUMBING PLAN





LAVATORY

1/2"

WC-1 ADA WATER MADERA AQUAMETER CHURCH OPEN FRONT SEAT, AMERICAN STANDARD FLOWISE MANUAL FLUSH VALVE MODEL 6047.121 WC-2 ADA AFWALL REGULAR AMERICAN STANDARD CHURCH OPEN FRONT SEAT, AMERICAN STANDARD FLOWISE MANUAL FLUSH VALVE MODEL 6047.121 EWC ELECTRIC WATER OASIS ANGLE STOPS & ADJUSTABLE PRACEL ANGLE STOPS & ADJ	NAME	<u>FIXTURE</u>	MODEL #	<u>ACCESSORIES</u>
WC-2 ADA CLOSET AMERICAN STANDARD #2257.103 AMERICAN STANDARD #2257.103 CHURCH OPEN FRONT SEAT, AMERICAN STANDARD FLOWSE MANUAL FLUSH VALVE MODEL 6047.121 EWC ELECTRIC WATER COOLER P8ACSL 1/2" SUPPLY PIPES, MCGIURE ANGLE STOPS & ADJUSTABLE "P" TRAP". LAV WALL HUNG LAVATORY BY OWNER ZURN #Z-7440 FAUCET 3/8" W # S-3440 DRAIN FAUCET 3/8" FLEXIBLE SUPPLY PIPE, MCGUIRE ANGLE STOPS & ADJUSTABL "P" TRAP. KS KITCHEN SINK MOEN DOUBLE BOWL 22102 #2H-40 COMPLETE DRAIN ASSEMBLY, SUPPLY PIPES, ANGLE STOPS & ADJUSTABLE "P" TRAP * ALL PLUMBING FIXTURES SHALL BE APPROVED	WC-1		MADERA AQUAMETER #2234.015 (1.5 GPF)	AMERICAN STANDARD FLOWISE MANUAL FLUSH VALVE
COOLER P8ACSL ANGLE STOPS & ADJUSTABLE "P" TRAP". LAV WALL HUNG LAVATORY BY OWNER ZURN #Z-7440 FAUCET 3/8" W # S-3440 DRAIN FAUCET 3/8" FLEXIBLE SUPPLY PIPE, MCGUIRE ANGLE STOPS & ADJUSTABL "P" TRAP. KS KITCHEN SINK MOEN DOUBLE BOWL 22102 MOEN #8799 FAUCET WITH #ZH-40 COMPLETE DRAIN ASSEMBLY, SUPPLY PIPES, ANGLE STOPS & ADJUSTABLE "P" TRAP * ALL PLUMBING FIXTURES SHALL BE APPROVED	WC-2		AMERICAN STANDARD	CHURCH OPEN FRONT SEAT, AMERICAN STANDARD FLOWISE MANUAL FLUSH VALVE
LAVATORY W # S-3440 DRAIN FAUCET 3/8" FLEXIBLE SUPPLY PIPE, MCGUIRE ANGLE STOPS & ADJUSTABL "P" TRAP. KS KITCHEN SINK MOEN DOUBLE BOWL 22102 MOEN #8799 FAUCET WITH #ZH-40 COMPLETE DRAIN ASSEMBLY, SUPPLY PIPES, ANGLE STOPS & ADJUSTABLE "P" TRAP * ALL PLUMBING FIXTURES SHALL BE APPROVED	EWC		OASIS P8ACSL	ÁNGLE STOPS & ADJUSTABLE
22102 #ZH-4Ö COMPLETE DRAIN ASSEMBLY, SUPPLY PIPES, ANGLE STOPS & ADJUSTABLE "P" TRAP * ALL PLUMBING FIXTURES SHALL BE APPROVED	LAV		BY OWNER	W # S-3440 DRAIN FAUCET 3/8" FLEXIBLE SUPPLY PIPE MCGUIRE ANGLE STOPS & ADJUSTAR
	KS			#ZH-4Ö COMPLETE DRAIN ASSEMBLY, SUPPLY PIPES, ANGLE STOPS &
			ALL BE APPROVED	

1 1/4"

.5 GPM

GENERAL PLUMBING NOTES:

- A. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA 2014 BUILDING CODE (PLUMBING) AND WITH ALL APPLICABLE REGULATIONS.
 B. DRAWINGS: REFER TO ALL DRAWINGS FOR COORDINATION OF THE
- PLUMBING WORK.

 C. ARRANGE AND PAY FOR ALL PERMITS, LICENSES, INSPECTIONS
 AND TESTS. OBTAIN THE REQUIRED CERTIFICATES AND PRESENT
- D. GUARANTEE: THE COMPLETED INSTALLATION SHALL BE FULLY
 GUARANTEED AGAINST DEFECTIVE MATERIALS AND/OR IMPROPER
 WORKMANSHIP FOR A MINIMUM OF ONE YEAR FOR MATERIAL AND
- E. ALL HORIZONTAL SANITARY PIPING SHALL SLOPE AT 1/8 INCH PER FOOT MINIMUM FOR 3" AND LARGER AND AT 1/4" SLOPE FOR 2" PIPES AND SMALLER.
- 2. PLUMBING FIXTURES: FIXTURES SHALL BE AS SELECTED BY TENANT AND INSTALLED BY THIS CONTRACTOR. FIXTURES SHALL BE COMPLETE WITH DRAINS, TRAPS, SUPPLIES AND ANY OTHER ACCESSORY REQUIRED. FIXTURES AND FAUCETS SHALL COMPLY WITH THE FLORIDA BUILDING CODE 2014 WATER SAVING STANDARDS.
- MATERIALS:A. PIPING:
 - A. SOIL, WASTE AND VENT: SCHEDULE 40 PVC
 - B. DOMESTIC WATER: TYPE M COPPER ISOLATE PIPING FROM CONCRETE WITH INSULATING MATERIAL.
- D. DOMESTIC WATER SUPPLY ASSEMBLY: CHROME FINISH TUBING WITH ANGLE SHUT OFF VALVES.
- 4. PIPING TEST AND DISINFECTIONS:
- A. TEST: ALL SANITARY AND DOMESTIC WATER SUPPLY PIPING SHALL BE TESTED FOR LEAKS BEFORE PIPING IS CONCEALED OR CONNECTED TO EQUIPMENT AND PLUMBING FIXTURES.
- B. DISINFECTION: ALL DOMESTIC WATER PIPING SHALL BE
 DISINFECTED BY INTRODUCING A SOLUTION OF CALCIUM
 HYPOCHLORITE OF 50 PARTS PER MILLION OF CHLORIDE AND AS
 PER AWWA STANDARDS.
- 5. VALVES: DOMESTIC WATER VALVES SHALL BE OF BRONZE BODY, SWEAT ENDS.
- 6. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF SANITARY,
 AND DOMESTIC WATER PIPING BEFORE STARTING ANY WORK. NOTIFY
 ARCHITECT/ENGINEER OF ANY DEVIATIONS FROM DESIGN DRAWINGS.
- 7. CONTRACTOR SHALL PIPE PROTECTION UNDERNEATH ALL ADA LAVATORIES AND SINKS TO COMPLY WITH ADA CODE.
- 8. NO COMBUSTIBLE MATERIAL SHALL BE USED IN MECHANICAL ROOMS OR IN CEILING SPACES WHERE USED AS RETURN AIR PLENUMS.
 9. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF SANITARY, AND DOMESTIC WATER PIPING BEFORE STARTING ANY WORK. NOTIFY ARCHITECT/ENGINEER OF ANY DEVIATIONS FROM DESIGN DRAWINGS.

SYMBOL	DESCRIPTION
	EXISTING SANITARY LINE
	EXISTING VENT LINE
	SANITARY LINE
	VENT LINE
	EXISTING COLD WATER LINE
	EXISTING HOT WATER LINE
	COLD WATER LINE
	HOT WATER LINE
	GATE VALVE
4	FLOOR PENETRATION
<u>' []</u>	HAMMER ARRESTOR
- 1	WALL CLEANOUT
	CONNECT TO EXISTING

SHOCK ARRESTOR SCHEDULE								
P.D.I. DESIGNATION MANUF. & MODEL FIXTURE UNITS CONNECT								
А	SIOUX CHIEF 652-A	1-11	1/2"					
В	SIOUX CHIEF 652-B	12-32	3/4"					
С	SIOUX CHIEF 652-C	33-60	1"					
D	SIOUX CHIEF 652-D	61-113	1"					
	HOCK ARRESTORS APP REQUIRED. CONFORMS							

2. LOCATE SHOCK ARRESTORS PER MANUFACTURE RECONMENDATION.

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DESIGN DEVELOPMENT

950 NW 9th Court

Boca Raton, FL

INTERIOR IMPROVEMENTS

PROJECT:

PROJECT NUMBER: 2016.06
DATE: 06-29-2016
CAD FILE NO:

ADDENDA/REVISIONS

ADDENDA/REVISIONS

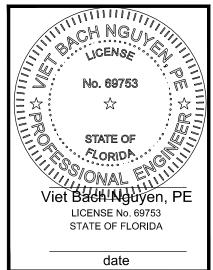
SEAL:

CYNTHIA C. SPRAY, AIA AR-94167

DRAWING TITLE:
PLUMBING NOTE
SCHEDULE AND
NOTE

DRAWING NO:

P-2



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