

CONTRACT DOCUMENTS

80% PROGRESS - PRICING SET

JULY 18, 2016

CCS
ARCHITECTURAL ENTERPRISES, INC.
499 East Palmetto Park Road
Suite 204
Boca Raton, FL 33432
T 561.479.9884
www.ccsarch.com
Florida Registration Number
AA26001852

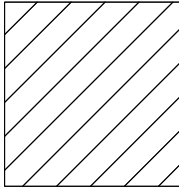



INTERIOR/EXTERIOR ALTERATION

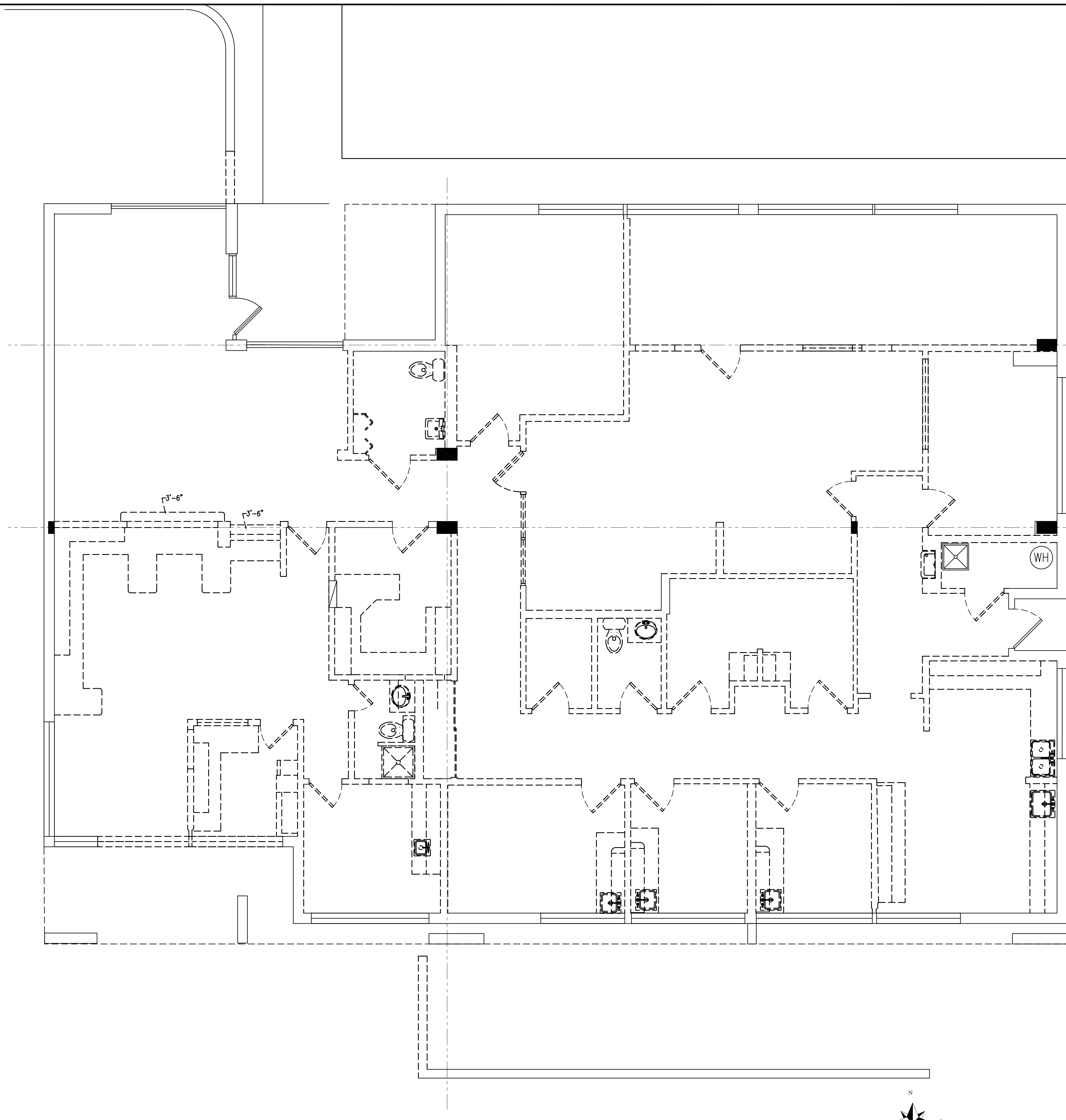
950 NW 9TH COURT
BOCA RATON, FL 33486
CCS PROJECT NUMBER 1606

GENERAL NOTES FOR DEMOLITION FLOOR PLANS

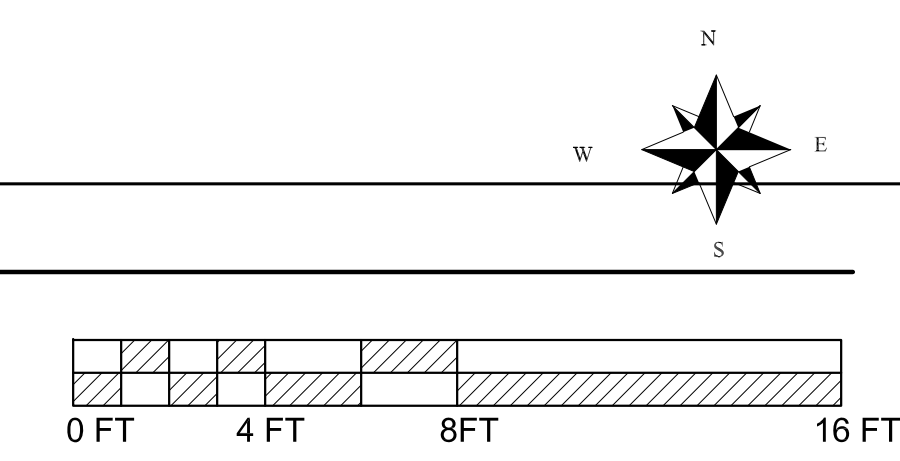
100. COMPLY WITH THE REQUIREMENTS OF THE NOTES ON SHEET A1 WHICH ALSO APPLY TO THE DEMOLITION FLOOR PLANS.
102. THE DEMOLITION DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS WHICH WERE PROVIDED TO THE ARCHITECT AND THEY MAY NOT REFLECT ACTUAL FIELD CONDITIONS. PRIOR TO PROCEEDING WITH ANY WORK, 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 THROUGHOUT ALL PHASES OF CONSTRUCTION.
105. 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.
106. 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 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. THE CONTRACTOR SHALL DESIGNATE AN ALLOWANCE FOR THIS WORK.
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 ORDINANCES AS SET FORTH BY ALL AUTHORITIES HAVING JURISDICTION (AHJ).
109. 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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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
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115. 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 TIME DURING CONSTRUCTION.

LEGEND

-  NOT IN CONTRACT
-  EXISTING WALL / PARTITION / BARRIER TO REMAIN
-  EXISTING WALL / PARTITION / BARRIER TO BE DEMOLISHED
-  LINE OF EXISTING STRUCTURAL GRID (WHERE APPLICABLE)



1 DEMOLITION FLOOR PLAN
 A1.0 SCALE: 1/4" = 1'-0"



CONSULTANTS:

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**

PROJECT NUMBER: 2016.06
 DATE: 7-18-2016
 CAD FILE NO: 1606-SHEET-A1.0.dwg

ADDENDA/REVISIONS

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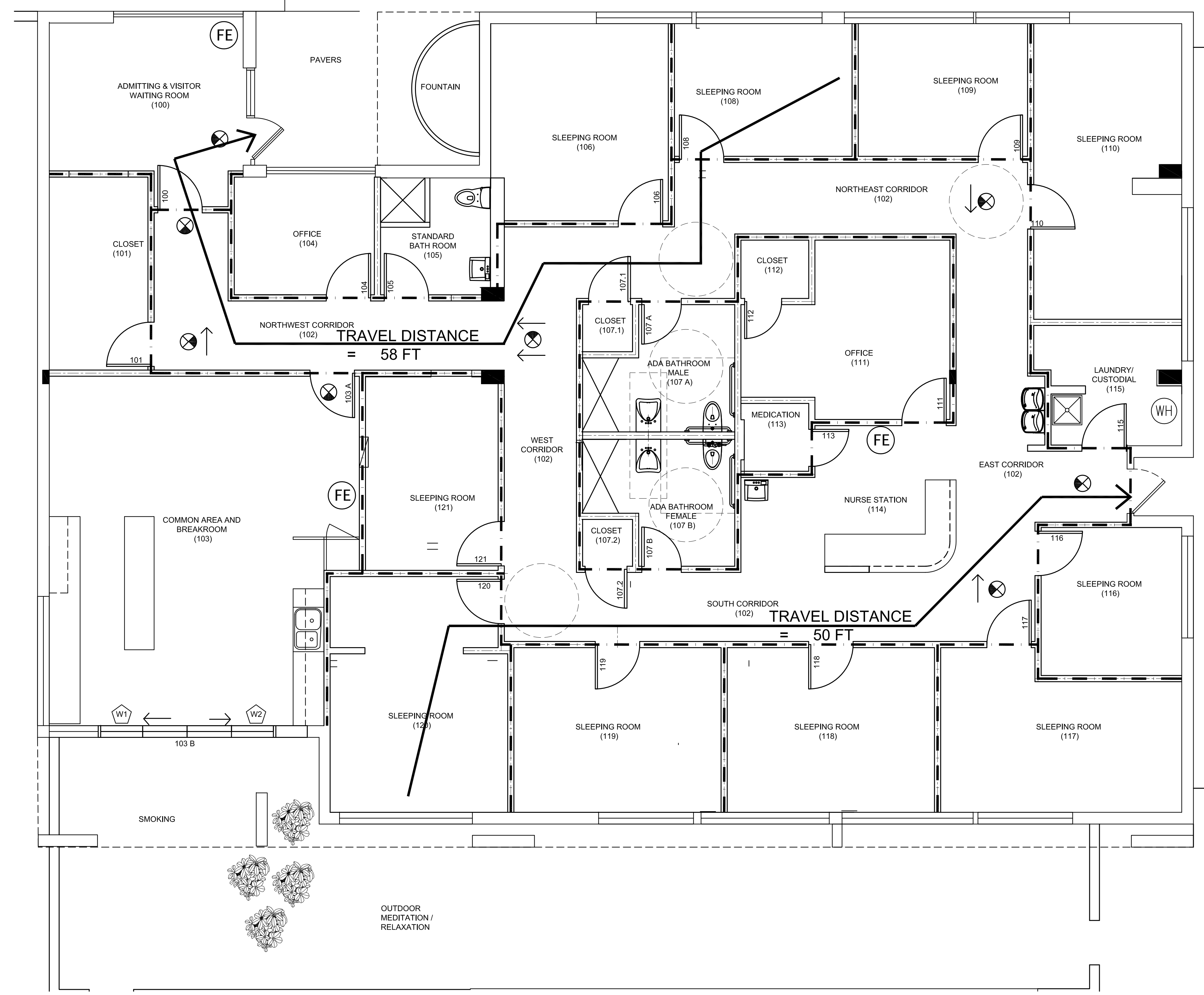
SEAL:

CYNTHIA C. SPRAY, AIA AR-94167

DRAWING TITLE:
DEMOLITION PLAN

DRAWING NO: **A1.0**

PAVING



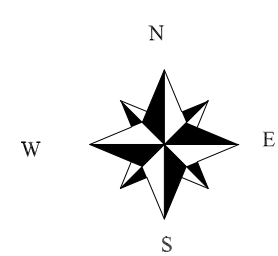
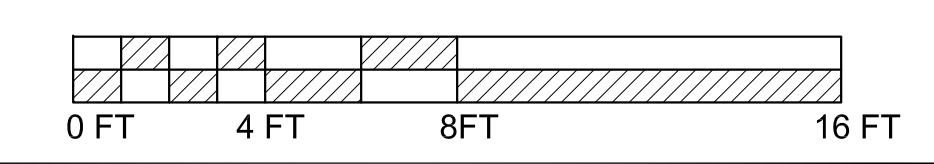
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- LINE OF EXISTING STRUCTURAL GRID (WHERE APPLICABLE)

1 LIFE SAFETY PLAN
 LS.1 SCALE: 1/4" = 1'-0"



CONSULTANTS:

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

ADDENDA/REVISIONS

NO.	DATE	DESCRIPTION

SEAL:

CYNTHIA C. SPRAY, AIA AR-94167

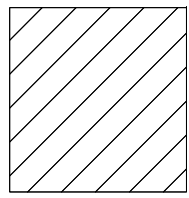
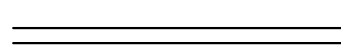
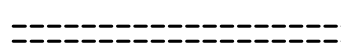
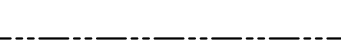
DRAWING TITLE:
LIFE SAFETY PLAN

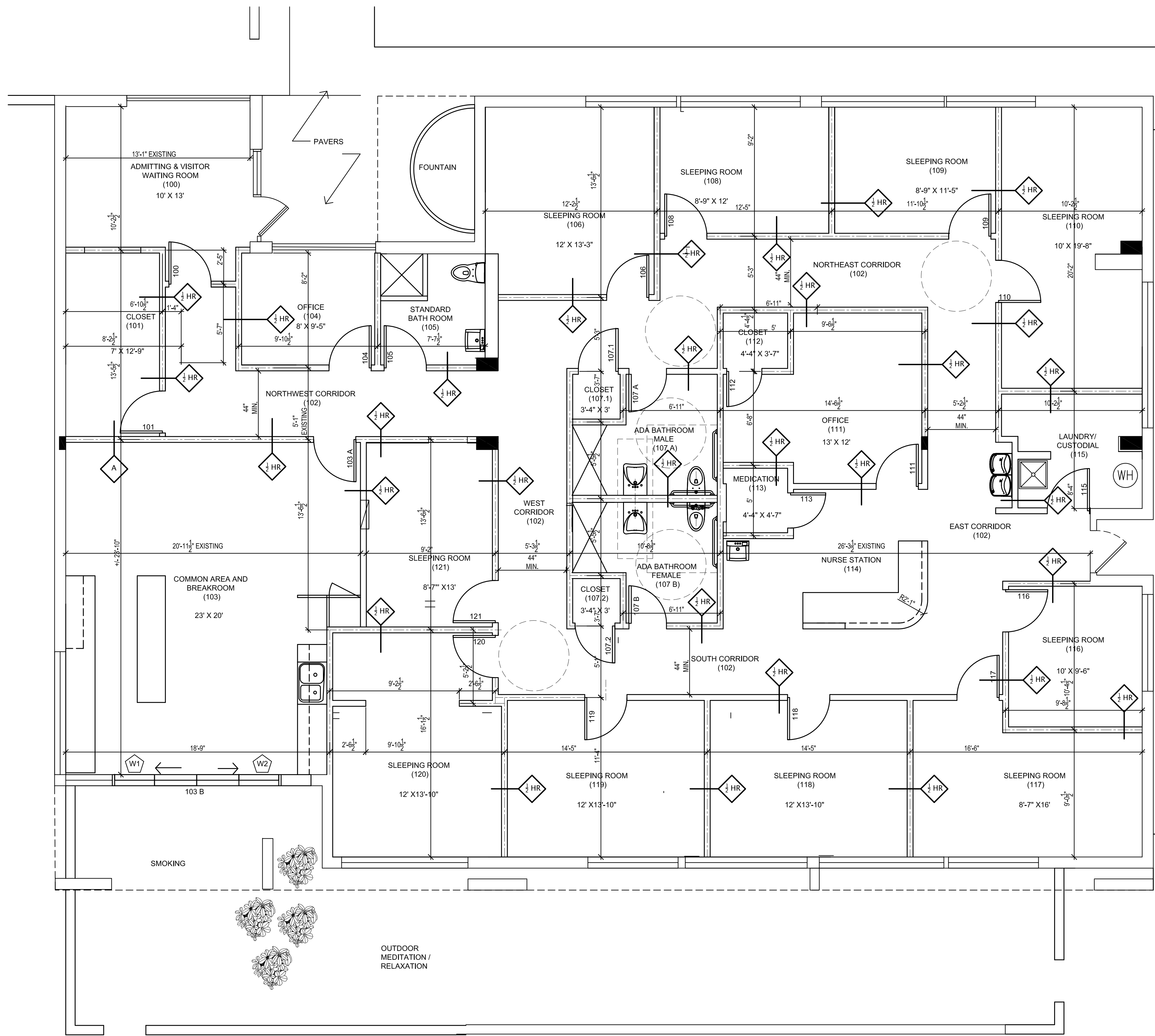
DRAWING NO: **A2.0**

GENERAL NOTES FOR DEMOLITION FLOOR PLANS

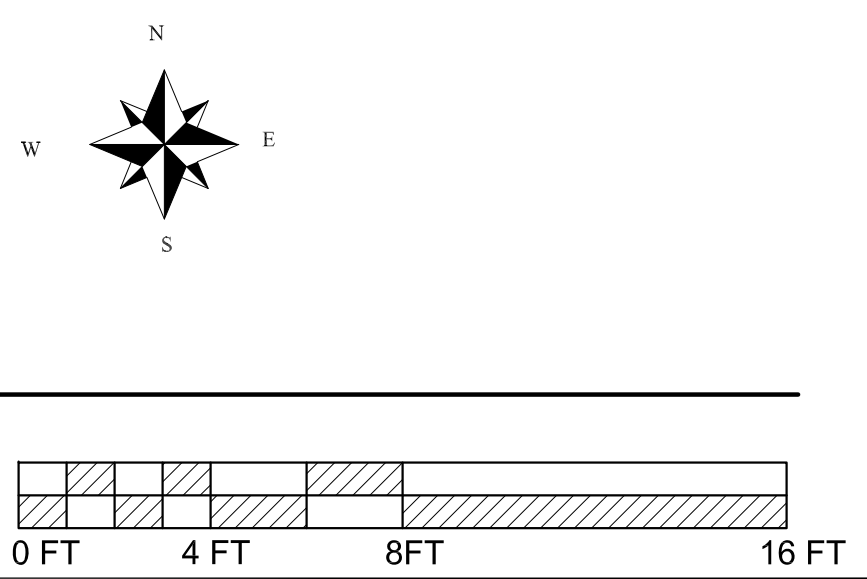
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LEGEND

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-  EXISTING WALL / PARTITION / BARRIER TO REMAIN
-  EXISTING WALL / PARTITION / BARRIER TO BE DEMOLISHED
-  LINE OF EXISTING STRUCTURAL GRID (WHERE APPLICABLE)



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



CONSULTANTS:

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

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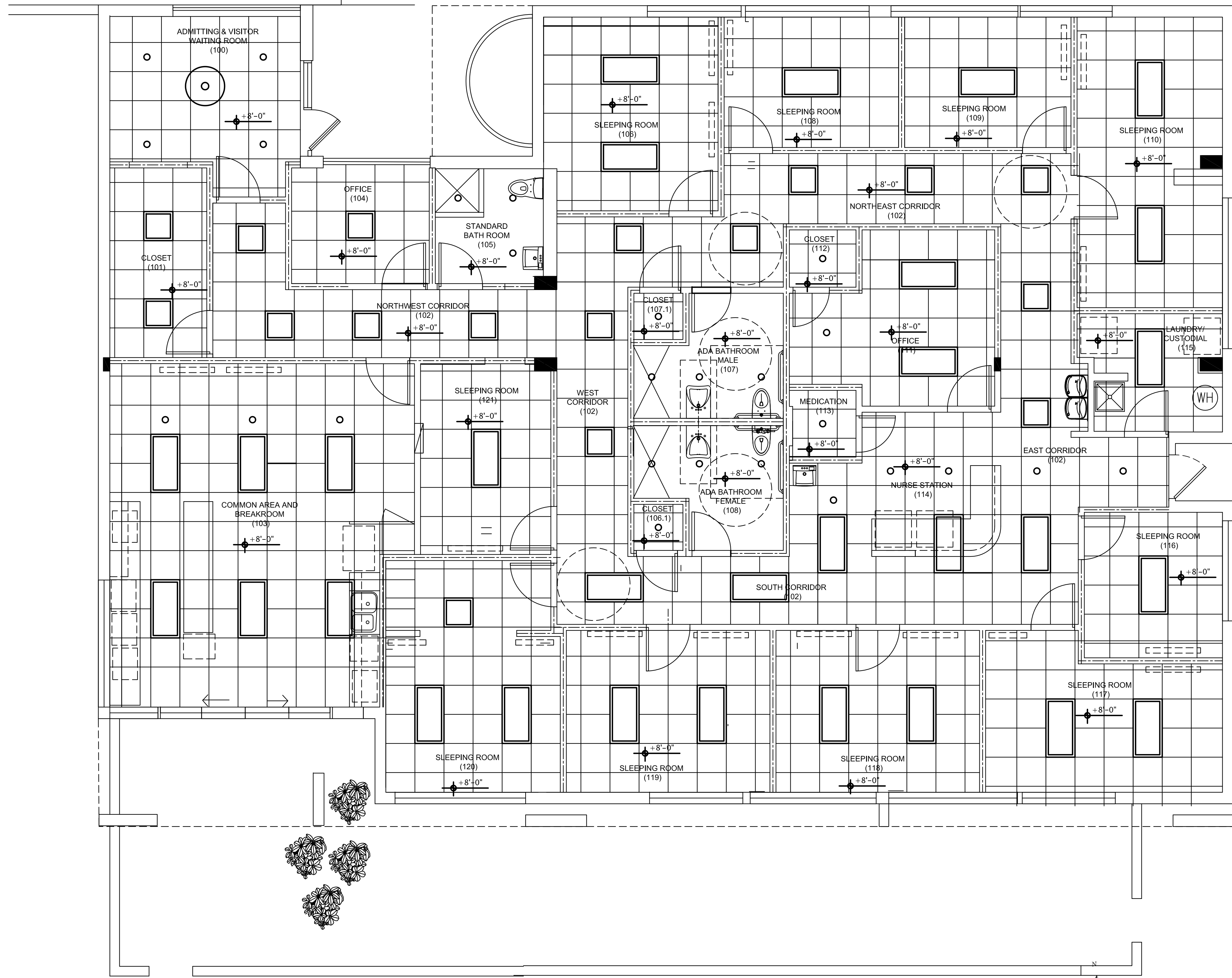
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ADDENDA/REVISIONS

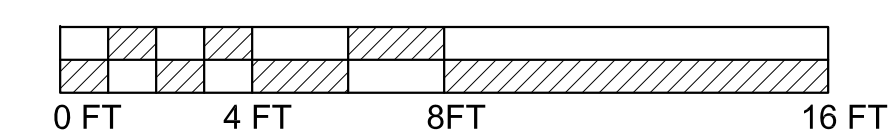
SEAL:

CYNTHIA C. SPRAY, AIA AR-94167
 DRAWING TITLE:
**NEW FLOOR PLAN
 PLAN**

DRAWING NO: **A2.0**



1 NEW REFLECTED CEILING PLAN
 A3.0 SCALE: 1/4" = 1'-0"



CONSULTANTS:

ELECTRICAL, MECHANICAL,
 PLUMBING:
 AMERICAN UNITED ENGINEERS
 4508 SW 24TH STREET
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**CONSTRUCTION DOCUMENTS
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PROJECT NUMBER: 2016.06
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 CAD FILE NO: 1608 SHEET A1.0.dwg

ADDENDA/REVISIONS

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SEAL:

CYNTHIA C. SPRAY, AIA AR-94167

DRAWING TITLE:
 NEW REFLECTED
 CEILING PLAN

DRAWING NO: **A3.0**

DOOR, FRAME AND HARDWARE SCHEDULE

REVISION NUMBER	SPACE NO. / DOOR DESIGNATION	SPACE NAME	DOOR							FRAME				FIRE RATING LABEL	HARDWARE		REMARKS
			SIZE			DESCRIPTION				DESCRIPTION		DETAILS			SET NUMBER	KEY SIDE SPACE	
			WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	GLASS	TYPE	GLASS	TYPE	GLASS					
	100	WAITING ROOM	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A				
	101	CLOSET	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A	N/A		
	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	N/A		
	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	N/A		
	104	OFFICE	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	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	N/A		
	106	SLEEPING ROOM	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A	N/A		
	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	N/A		
	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	N/A		
	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	N/A		
	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	N/A		
	108	SLEEPING ROOM	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A	N/A		
	109	SLEEPING ROOM	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A	N/A		
	110	SLEEPING ROOM	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	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	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	N/A		
	113	MEDICATION	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A	N/A		
	115	LAUNDRY	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A	N/A		
	116	SLEEPING ROOM	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A	N/A		
	117	SLEEPING ROOM	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A	N/A		
	118	SLEEPING ROOM	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A	N/A		
	119	SLEEPING ROOM	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A	N/A		
	120	SLEEPING ROOM	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A	N/A		
	121	SLEEPING ROOM	3'-0"	7'-0"	1 3/4"	WOOD	SINGLE	N/A	WOOD	N/A	N/A	N/A	N/A	N/A	N/A		

DOOR, FRAME AND HARDWARE NOTES AND ABBREVIATIONS

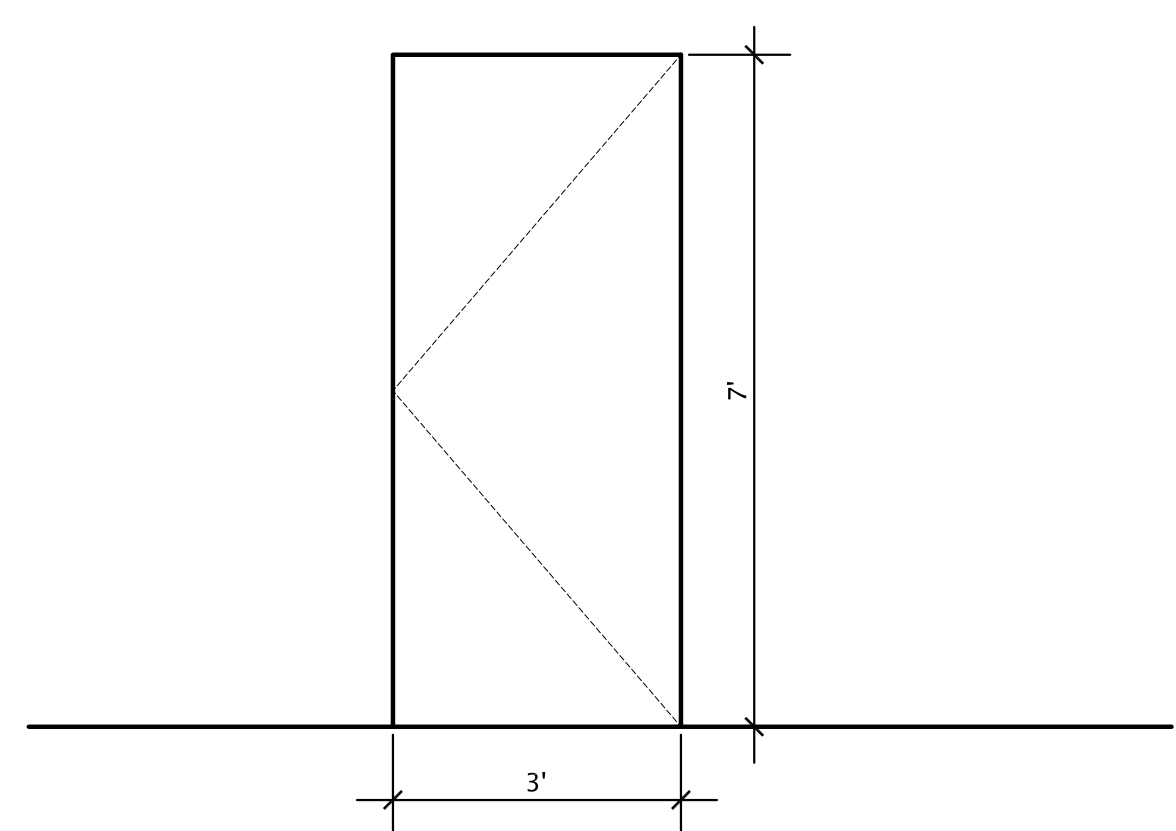
900. STUDY AND COMPARE THE DRAWINGS, LEGENDS, NOTES AND REPORT ANY ERRORS, OMISSIONS OR INCONSISTENCIES TO THE ARCHITECT.
901. DOORS IN RATED FIRE BARRIERS, RATED SMOKE BARRIERS, NON-RATED SMOKE PARTITIONS AND SOUND PARTITIONS MAY BE UNDERCUT ONLY A MAXIMUM OF 3/4" ABOVE THE CONCRETE SLAB. THIS APPLIES 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.)
902. SEAL ALL FRAMES CONTINUOUSLY TO WALL WHERE THERE IS 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 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.
904. 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 ACCEPTABLE.
905. 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.
906. ALL THRESHOLDS SHALL CONFORM TO THE MOST STRINGENT OF THE ADA LAW OR OTHER ACCESSIBILITY CODES WHICH ARE ENFORCEABLE IN THE JURISDICTION.
907. 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.

907. 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.
908. 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 CONSTRUCTION TOLERANCES. COMPLY WITH NOTES 909 AND 910.
909. 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.
910. 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 RESISTANCE MANUAL.
911. 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.
912. INSTALLATION OF ALL HARDWARE, DOORS AND FRAMES SHALL CONFORM TO NFPA 80 AND WITH OTHER CODES ENFORCED BY THE AUTHORITY HAVING JURISDICTION.
913. CONTRACTOR TO VERIFY ALL EXISTING OPENINGS FOR REPLACEMENT DOORS PRIOR TO SUBMITTING SHOP DRAWINGS FOR ARCHITECT'S REVIEW AND/OR PLACING ORDER.

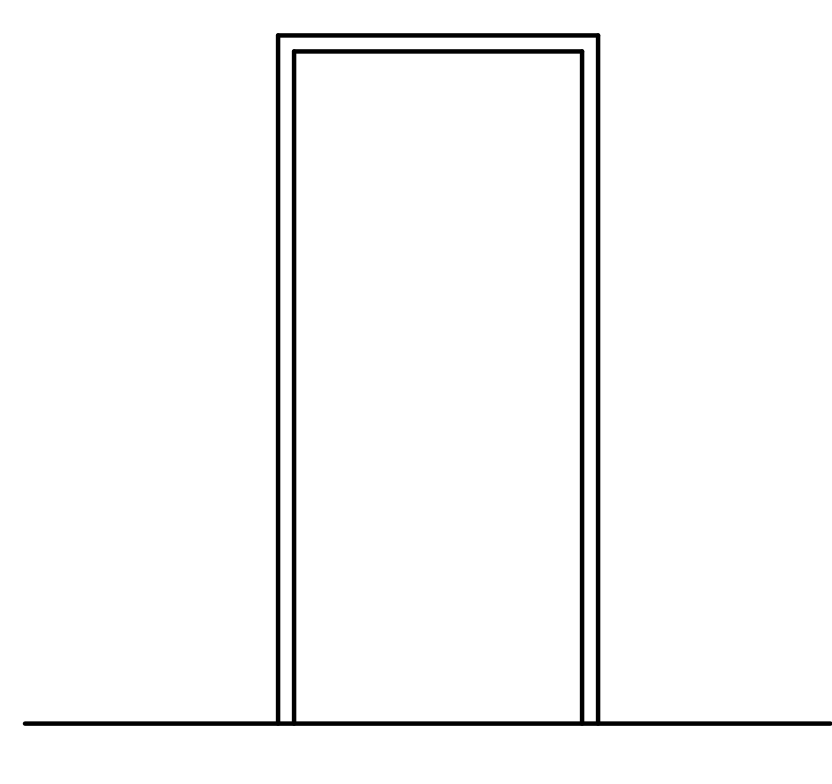
- ALUM = ALUMINUM
 AUTO = AUTOMATIC DOOR (INTEGRAL HOLD OPEN NOT ALLOWED)
 AUTO W/ HO = AUTOMATIC DOOR WITH INTEGRAL HOLD OPEN
 ETR = EXISTING TO REMAIN
 EMHO = ELECTROMAGNETIC HOLD OPEN
 FIRE GL = FIRE RATED GLASS
 GALV ST = GALVANIZED STEEL
 HM = HOLLOW METAL
 HM LL = HOLLOW METAL - LEAD LINED
 LAM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

- FIRE RATING DESIGNATIONS:**
 A-180 = 'A' LABEL = 180 MINUTE FIRE RATED
 1/2 HR = 1/2 HR LABEL = 30 MINUTE FIRE RATED

DOOR TYPES



FRAME TYPES



HARDWARE SCHEDULE

CCS
 ARCHITECTURAL ENTERPRISES, INC
 499 East Palmetto Park Rd.
 Suite 204
 Boca Raton, FL 33432
 T 561.479.9884
 www.ccsarch.com
 Florida Registration Number
 AA26001852

CONSULTANTS:

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**

PROJECT NUMBER: 2016.06
 DATE: 7-18-2016
 CAD FILE NO: 1606-SHEET-A9.0.d

- ADDENDA/REVISIONS**
- NOTES
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SEAL:

CYNTHIA C. SPRAY, AIA AR-94167

DRAWING TITLE:
**DOOR
 SCHEDULES**

DRAWING NO: **A9.0**

DOOR AND INTERIOR WINDOW FRAME DETAILS

ROOM FINISH SCHEDULE

	ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS				CEILING	REMARKS
					NORTH	EAST	SOUTH	WEST		
	100	WAITING ROOM	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	101	CLOSET	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	102	CORRIDOR	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	103	BREAKROOM	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	104	OFFICE	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	105	BATHROOM	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	106	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	107 A	MALE BATH	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	107.1	CLOSET	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	107 B	FEMALE BATH	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	107.2	CLOSET	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	108	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	109	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	110	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	111	OFFICE	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	112	CLOSET	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	113	MEDICATION	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	115	LAUNDRY	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	116	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	117	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	118	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	119	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	120	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	
	121	SLEEPING ROOM	PORCELAIN TILE	WOOD 5 1/2" HIGH	FLAT PAINT	FLAT PAINT	FLAT PAINT	FLAT PAINT	ACT	

ACT = ACOUSTICAL CEILING TILE

CCS

ARCHITECTURAL ENTERPRISES, INC.
 499 East Palmetto Park Rd.
 Suite 204
 Boca Raton, FL 33432
 T 561.479.9884
 www.ccsarch.com
 Florida Registration Number
 AA26001852

CONSULTANTS:

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

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

ADDENDA/REVISIONS

NOTES

SEAL:

CYNTHIA C. SPRAY, AIA AR-94167

DRAWING TITLE:
ROOM FINISH SCHEDULES

DRAWING NO: **A9.1**

CONSULTANTS:

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

ADDENDA/REVISIONS

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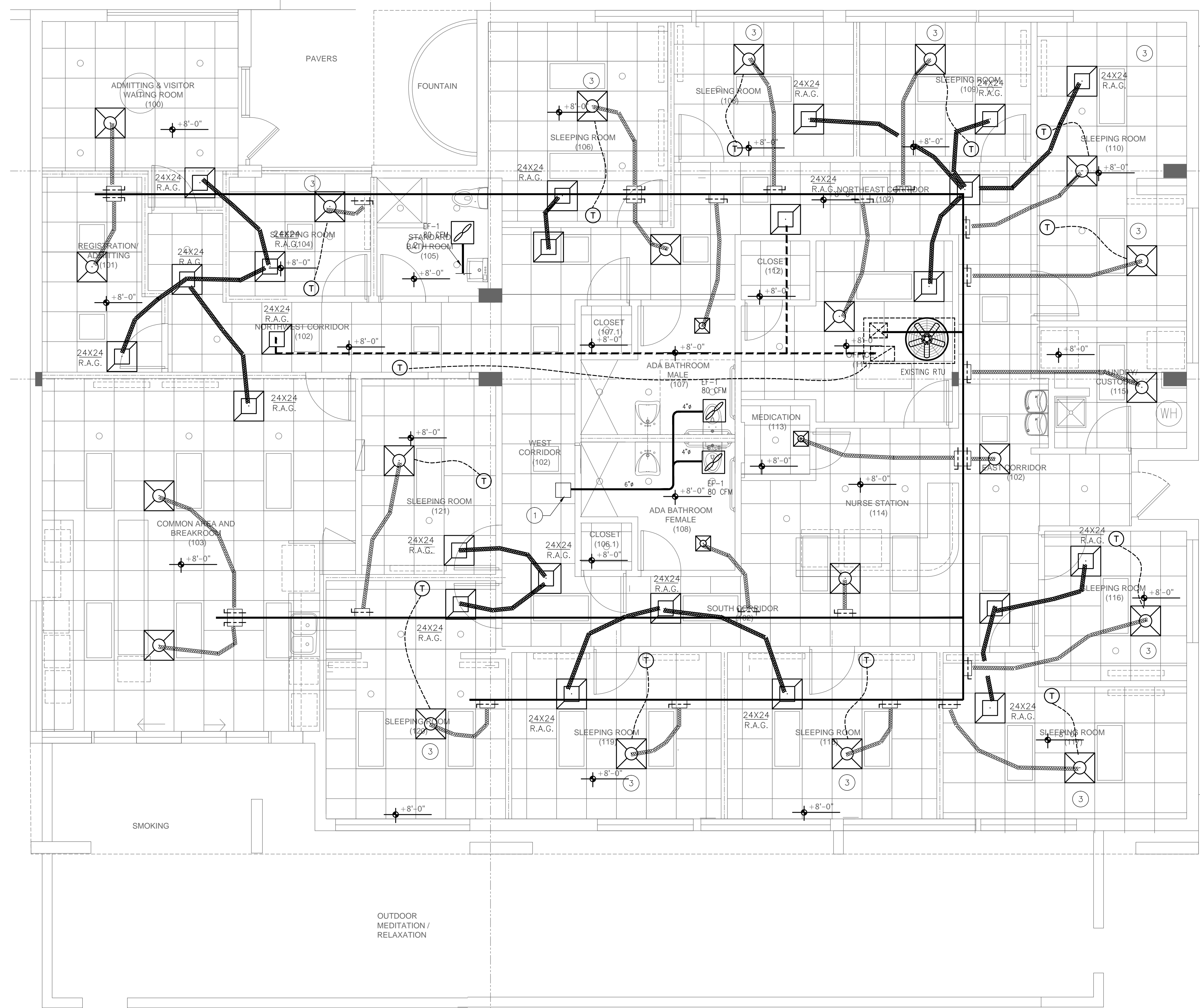
SEAL:

CYNTHIA C. SPRAY, AIA AR-94167

DRAWING TITLE:
MECHANICAL PLAN

DRAWING NO: **M-1**

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



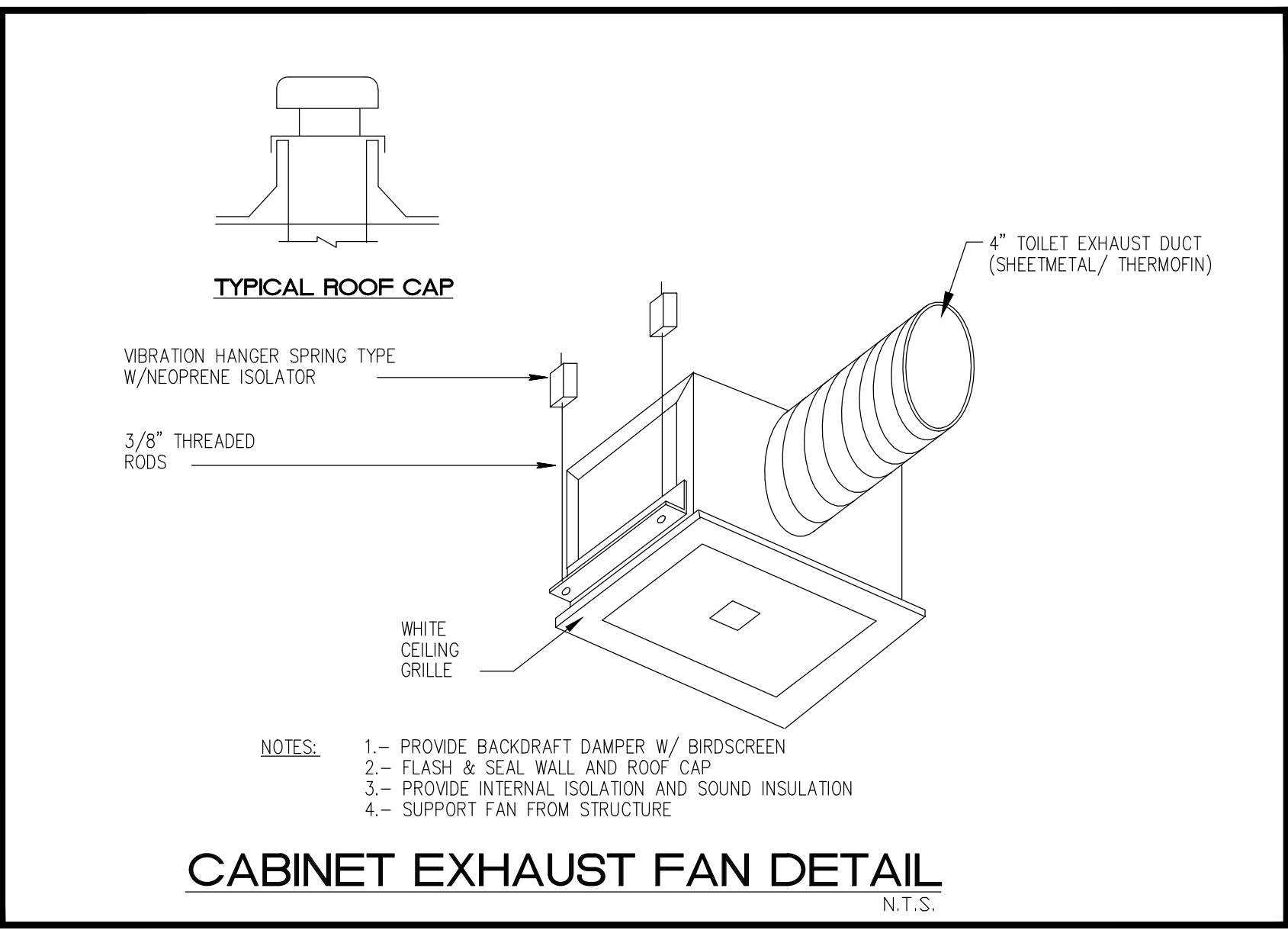
AMERICAN UNITED
Engineers Inc.
Dedicated to Excellence

AUE
CA # 29803

4508 SW 24th Street
Fort Lauderdale, FL 33317
Tel: (954) 471-8657
americaneng@comcast.net

project no. 1635.00

date _____

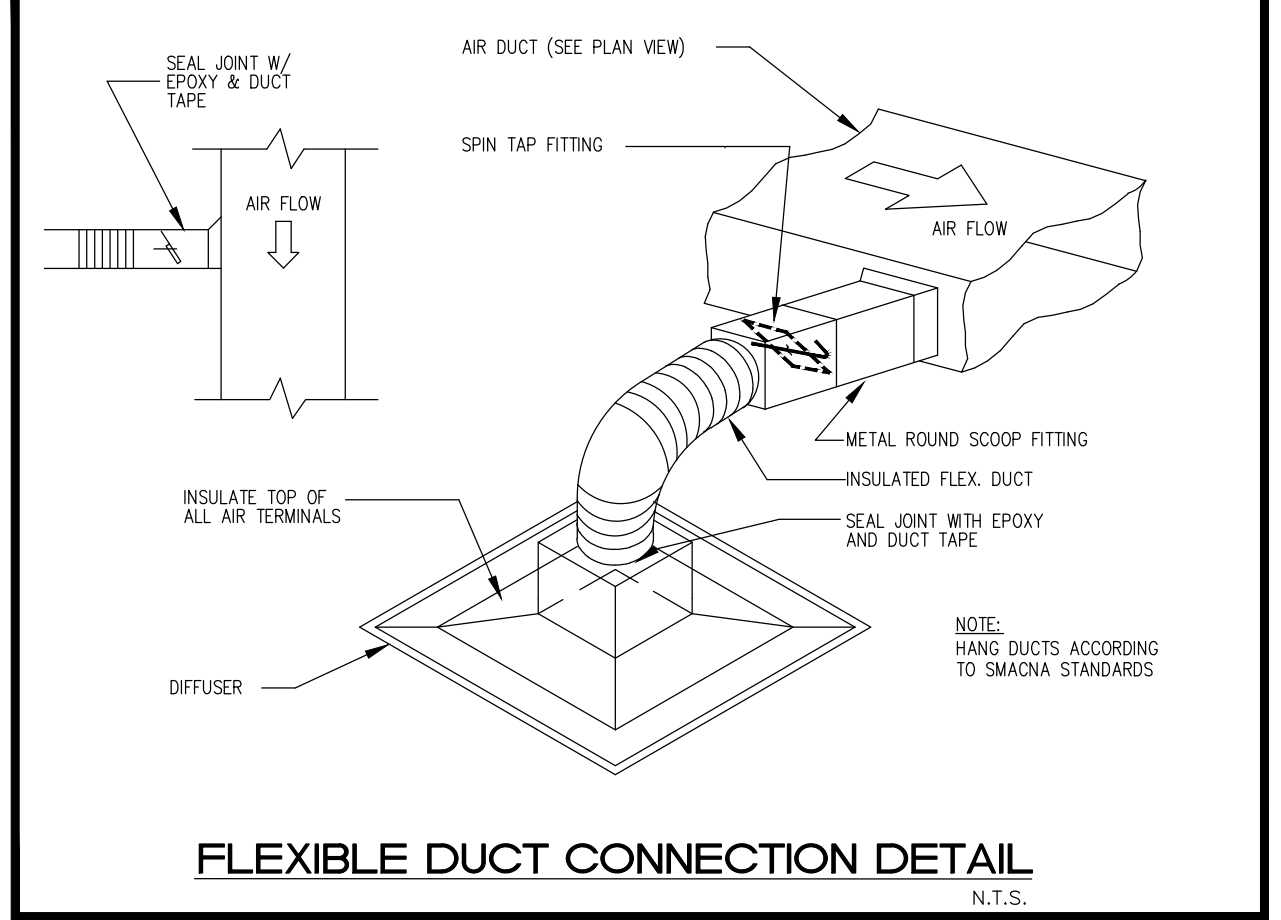
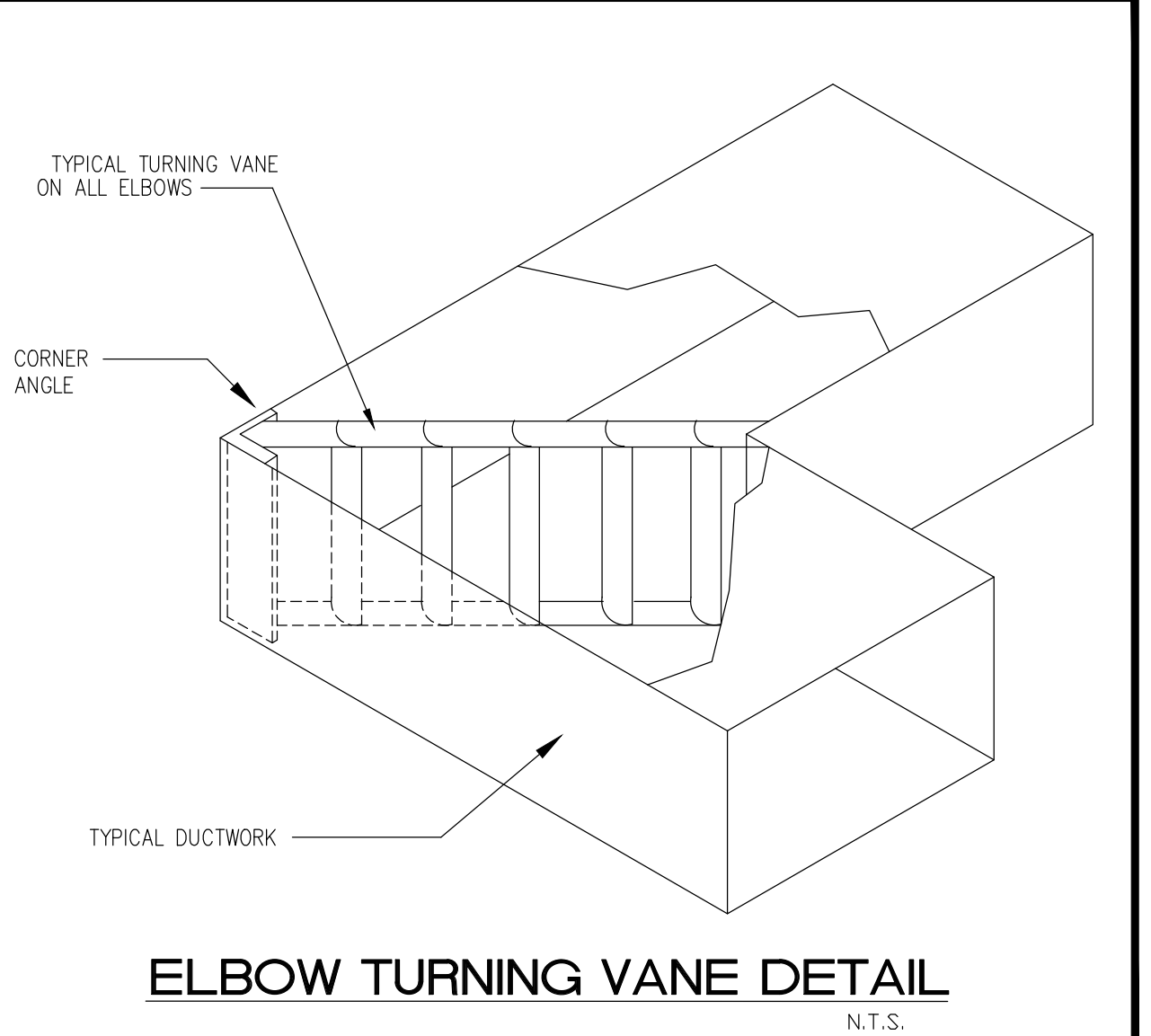
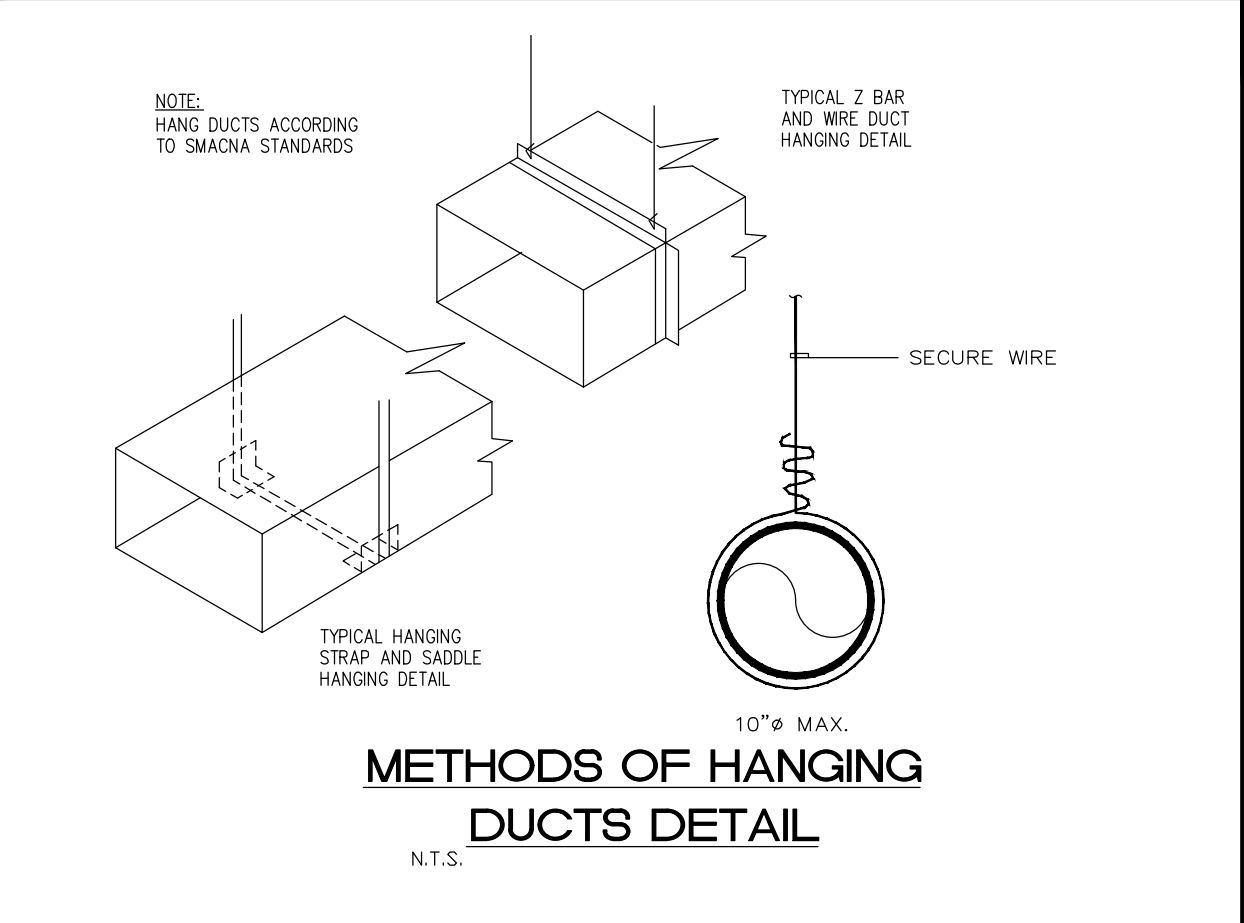


AIR DISTRIBUTION SCHEDULE

DIFFUSER TYPE					
NO.	DIFFUSER CFM	MANUFACTURER & MODEL NO	NECK SIZE	CFM	NOTES:
	TITUS TDC-A	AA	6 8 10	0-100 101-299 300-450	ALUMINUM CEILING DIFFUSER LOUVERED FACE OPPOSED BLADE DAMPER 12x12 MODULE BORDER TYPE 1 (SURFACE) NC LEVEL < 30
	TITUS PXP-A	AA	24x24 6 8 10	0-800 0-100 101-299 300-450	ALUMINUM PERFORATED RETURN PANEL 1 1/2" / 2 1/4" CORE BORDER TYPE 1 (SURFACE) NC LEVEL < 30

NOTES:

1. ALL FINISHES TO BE WHITE UNLESS OTHERWISE DIRECTED BY THE OWNER OR ARCHITECT.



- GENERAL NOTES:**
1. 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.
 2. ALL MATERIALS SHALL BE NEW AND ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, PRODUCT APPROVAL, RULES AND ORDINANCES, 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.
 4. 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 1B2.
 5. ALL CUTTING, PATCHING, STRUCTURAL STEEL, WEATHER PROOFING, PAINTING, AND WALL OPENINGS SHALL BE BY THE GENERAL CONTRACTOR.
 6. 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 ETC FR-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.
 9. PROVIDE MAINTENANCE AND OPERATION MANUAL ON ALL MECHANICAL EQUIPMENT OR SYSTEMS. PROVIDE 3 SETS OF SUBMITTALS ON ALL HVAC EQUIPMENT. SUBMITTALS SHALL HAVE A SUMMARY SHEET SHOWING ALL SCHEDULED INFORMATION.
 10. HVAC CONTRACTOR WILL WARRANT 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 SHALL COORDINATE WITH ALL OTHER TRADES PRIOR TO BIDDING AND PURCHASING ANY EQUIPMENT.
 11. AIR QUALITY SHOULD BE TESTED BEFORE OCCUPANCY AND SHOULD BE INSTRUMENTED AND MONITORED THEREAFTER, OR AT LEAST AT REGULAR INTERVALS.

- MECHANICAL EQUIPMENT NOTES:**
1. 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.
 2. 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.
 3. 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 ARCHITECT'S 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.
 5. 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 OPENINGS.
 7. 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.
 8. 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 ROOF.
 11. ALL PIPING AND DUCTWORK SHALL BE SLEEVED THRU WALLS, BEAMS, SLABS, ETC. AS REQUIRED AND COORDINATED WITH THE STRUCTURAL ENGINEER. REINFORCE BAR MUST CROSS BRACKING 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 SERVICE PERIOD.

- 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
C. 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.
 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.
 9. PROVIDE VANED ELBOWS IN ALL CASES, SPLITTER DAMPERS WHERE INDICATED ON DRAWINGS AND VOLUME CONTROL DAMPERS IN ALL BRANCH DUCTS OR DIFFUSER CONNECTIONS.

AMERICAN UNITED Engineers Inc.
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450B SW 24th Street
Fort Lauderdale, FL 33307
Tel: (954) 471-8657
american.eng@comcast.net

CA # 29803

project no. 1635.00

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CCS
ARCHITECTURAL ENTERPRISES, INC.
499 East Palmetto Park Rd.
Suite 204
Boca Raton, FL 33432

T 561.479.9884
www.ccsarch.com
Florida Registration Number
AA26001852

CONSULTANTS:

ELECTRICAL, MECHANICAL,
PLUMBING:

AMERICAN UNITED ENGINEERS
450B SW 24TH STREET
FORT LAUDERDALE, FL 33317
PHONE: (954) 471-8657

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DESIGN DEVELOPMENT

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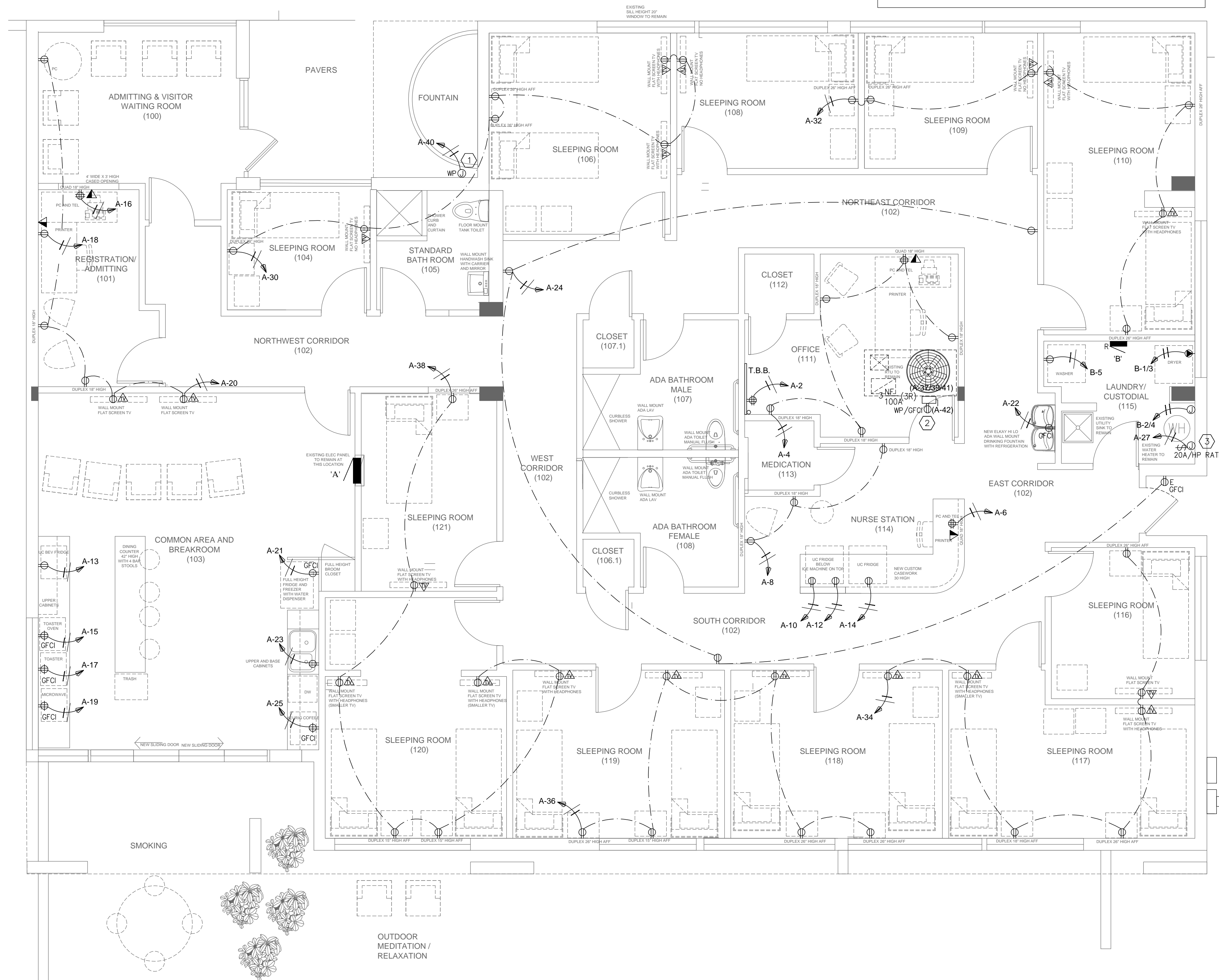
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CYNTHIA C. SPRAY, AIA AR-94167
DRAWING TITLE:
MECHANICAL PLAN

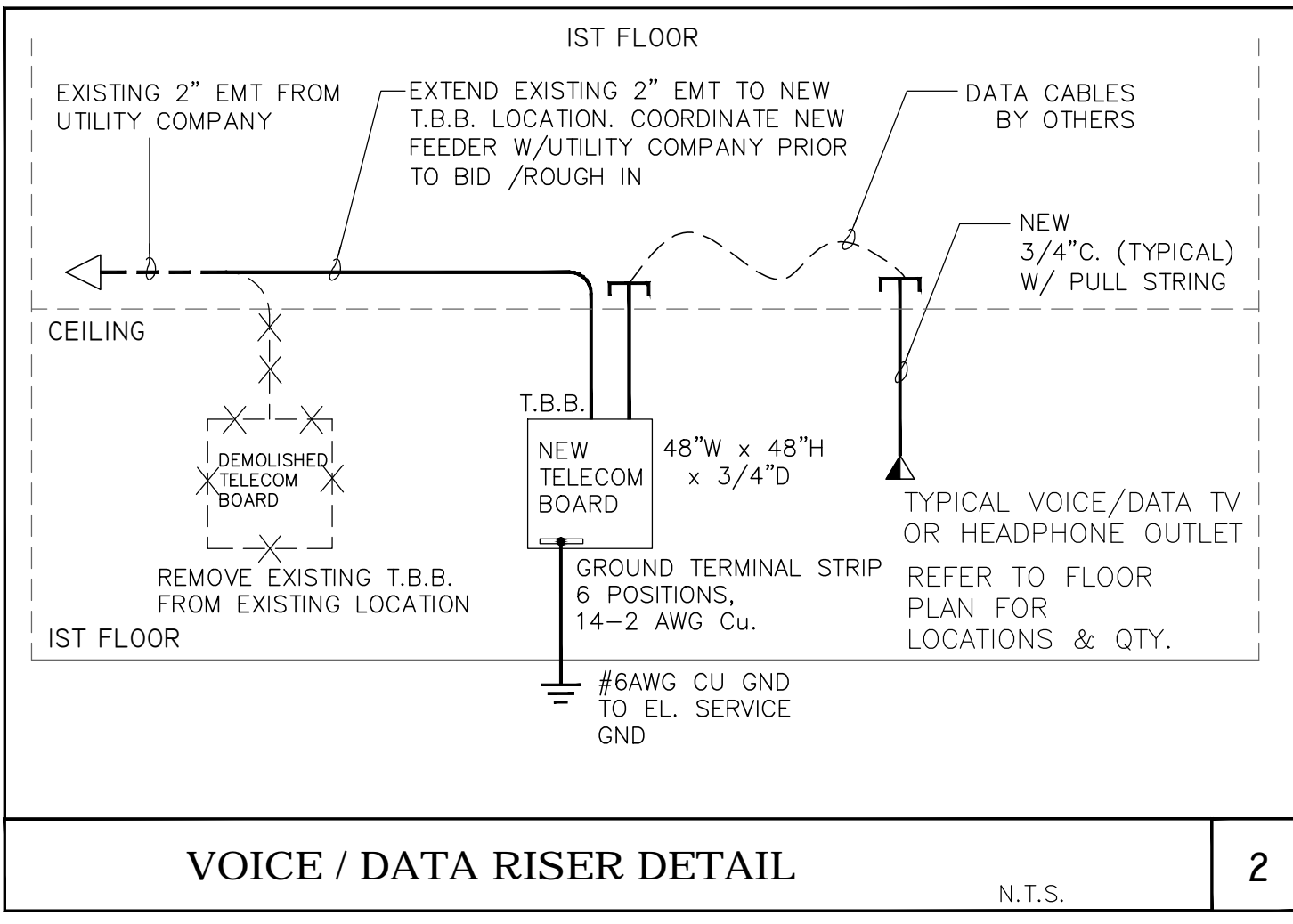
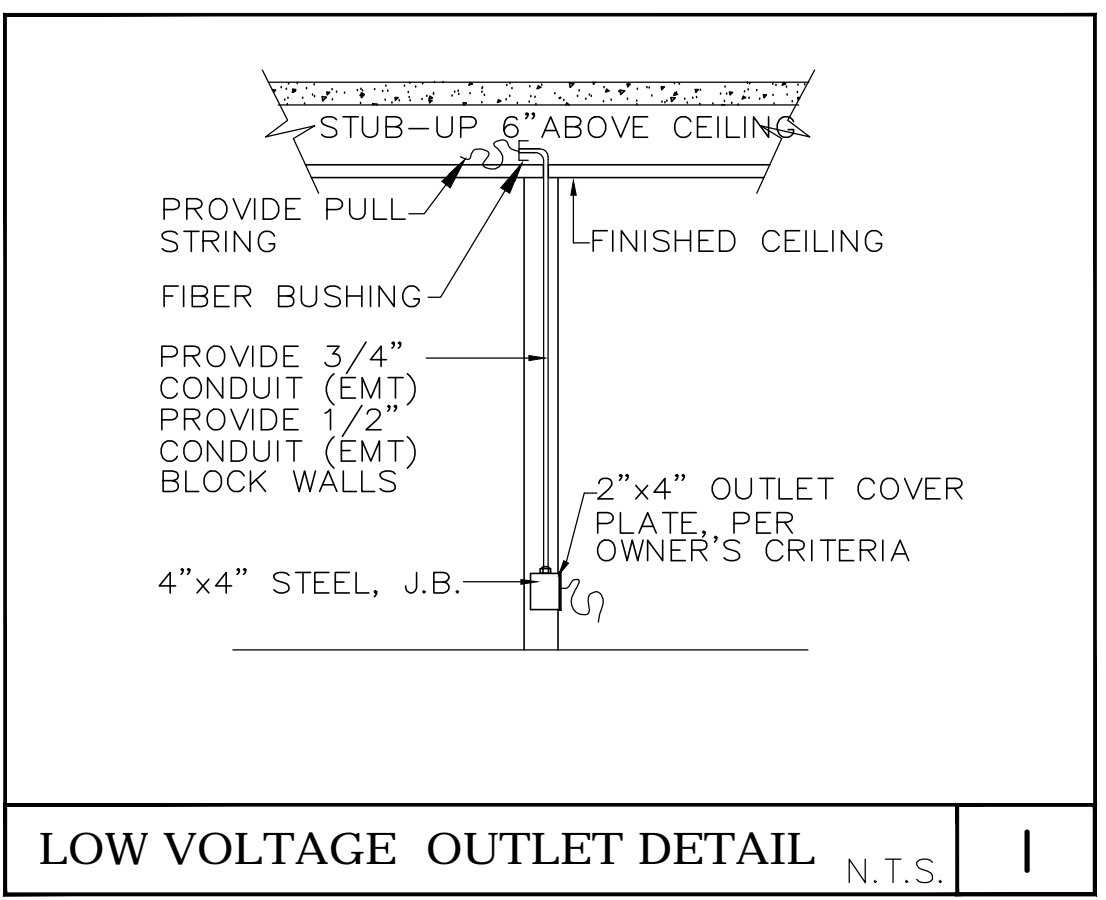
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POWER LEGEND	
SYMBOL	DESCRIPTION
	SIMPLEX OUTLET (20A, +48" O.C. FROM A.F.F. U.N.D.)
	DUPLEX RECEPT. (20A, +18" O.C. FROM A.F.F. U.N.D.)
	DUPLEX RECEPTACLE INSTALLED ABOVE COUNTER (20A, +6" O.C., ABOVE COUNTER, U.N.D.)
	QUAD RECEPT. (20A, +18" O.C. FROM A.F.F. U.N.D.)
	FLOOR MTD. DUPLEX W/ PHONE/DATA (20A, U.N.D.) IN SEPARATE RACEWAYS
	CEILING MOUNTED RECEPTACLE, 120V, 20A
	SWITCH DUPLEX (15A, +18" O.C. FROM A.F.F. U.N.D.)
	240 V. RECEPT. (50A, +18" O.C. FROM A.F.F. U.N.D.)
	SPECIAL PURPOSE RECEPT. (30A, +18" O.C. A.F.F. U.N.D.)
	TYPICAL DATA AND POWER DROP IN SEPARATE RACEWAYS. PROVIDE WHIPS TO MODULAR FURNITURE, CONTAINING: • POWER • DATA WIRING • PHONE WIRING
	JUNCTION BOX (4x4" GALVANIZED STEEL, 18" U.N.D.)
	DIGITAL TIME SWITCH - WALL MOUNTED LEVITON MDL#6124H-1, OR EQUAL APPROVED
	DATA/TELEPHONE OUTLET (+18" O.C. A.F.F. U.N.D.) HATCH AREA INDICATES PHONE
	TV, CABLE BOX, SATELLITE BOX CONNECTION OUTLET HEADPHONES CONNECTION OUTLET
	PROVIDE 3/4" EMT 6" ABOVE CEILING W/ PULL STRING FOR EACH JUNCTION. FACE PLATES, JACKS AND CABLING TO BE BY TENANT
	JUNCTION BOX MOUNTED 6" A.F.F. TO FEED WORK STATIONS THROUGH MODULAR FURNITURE. TENANTS TO PROVIDE CONNECTION TO THEIR OFFICE FURNITURE SYSTEM
	HP RATED DISCONNECT (+60" O.C. A.F.F. U.N.D.) NEMA 3R FOR EXTERIOR AND NEMA 1 FOR INTERIOR.
	PANELBOARD (+60" A.F.F. O.C. OF PNL, U.N.D.)
	ELECTRICAL METER (+60" A.F.F. O.C. OF MTR, U.N.D.)
	PHASE - INDICATES CIRCUIT LINE
	NEUTRAL - INDICATES HOMERUN LINE
	ISOLATED GND. - CIRCUIT NUMBER
	FUSE SIZE (NEMA RATING) FRAME SIZE
	WIRE IN FREE AIR SUPPORTED TO BLDG. STRUCTURE
	NUMBER OF POLES
NOTES	
1. NOT ALL SYMBOLS MAY APPEAR ON PLANS.	
2. IF THERE IS NO DESIGNATION NEXT TO FIXTURE, THEN ASSUME IT IS A NEW FIXTURE. IF NOT EXISTING, LOCATE IT AS SHOWN ON PLANS.	
DESIGNATION / DESCRIPTION	
+84"	DENOTES HEIGHT ABOVE FINISHED FLOOR
AFCI	ARC FAULT CIRCUIT INTERRUPT
GFCI	GROUND FAULT CIRCUIT INTERRUPT
WP	WEATHER PROOF ENCLOSURE
IG	ISOLATED GROUND
N	NEW FIXTURE
R	RELOCATED FIXTURE
E	INDICATES AN EXISTING FIXTURE TO REMAIN
T/L	TWIST LOCK
UND	UNLESS NOTED DIFFERENTLY
NL	NIGHT LIGHT, UNSWITCHED 24HRS ON
T/S	TIME SWITCH
PC	PHOTO CELL
LC	LIGHTING CONTACTOR
MWC	MINIMUM WORK CLEARANCE
OCP	OVER CURRENT PROTECTION
OC	ON CENTER
SW	SHOW WINDOW RECEPTACLE

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



EXISTING SERVICE DISCONNECT
 EXISTING UTILITY METER
 SEE ELECTRICAL RISER ON PLAN E3 FOR DETAILS



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

KEY NOTES: #

- FOR FOUNTAIN PUMP CONNECTION, COORDINATE EXACT LOCATION AND WIRING REQUIREMENTS WITH OWNER AND SPECIALTY CONTRACTOR PRIOR TO BID/ROUGH IN.
- FIELD VERIFY EXISTING LOCATION/CONDITION OF ROOF SERVICE RECEPTACLE AND PROVIDE NEW AS SHOWN IF NOT-EXISTING/UNBOUND. FIELD VERIFY CONDITION OF THE EXISTING RTU DISCONNECT AND REPLACE WITH NEW IF FOUND UNSOUND.
- FOR WATER CIRCULATION PUMP, FIELD COORDINATE EXACT LOCATION PRIOR TO ROUGH IN.

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AUE
 CA # 29803
 4508 SW 24th Street
 Fort Lauderdale, FL 33317
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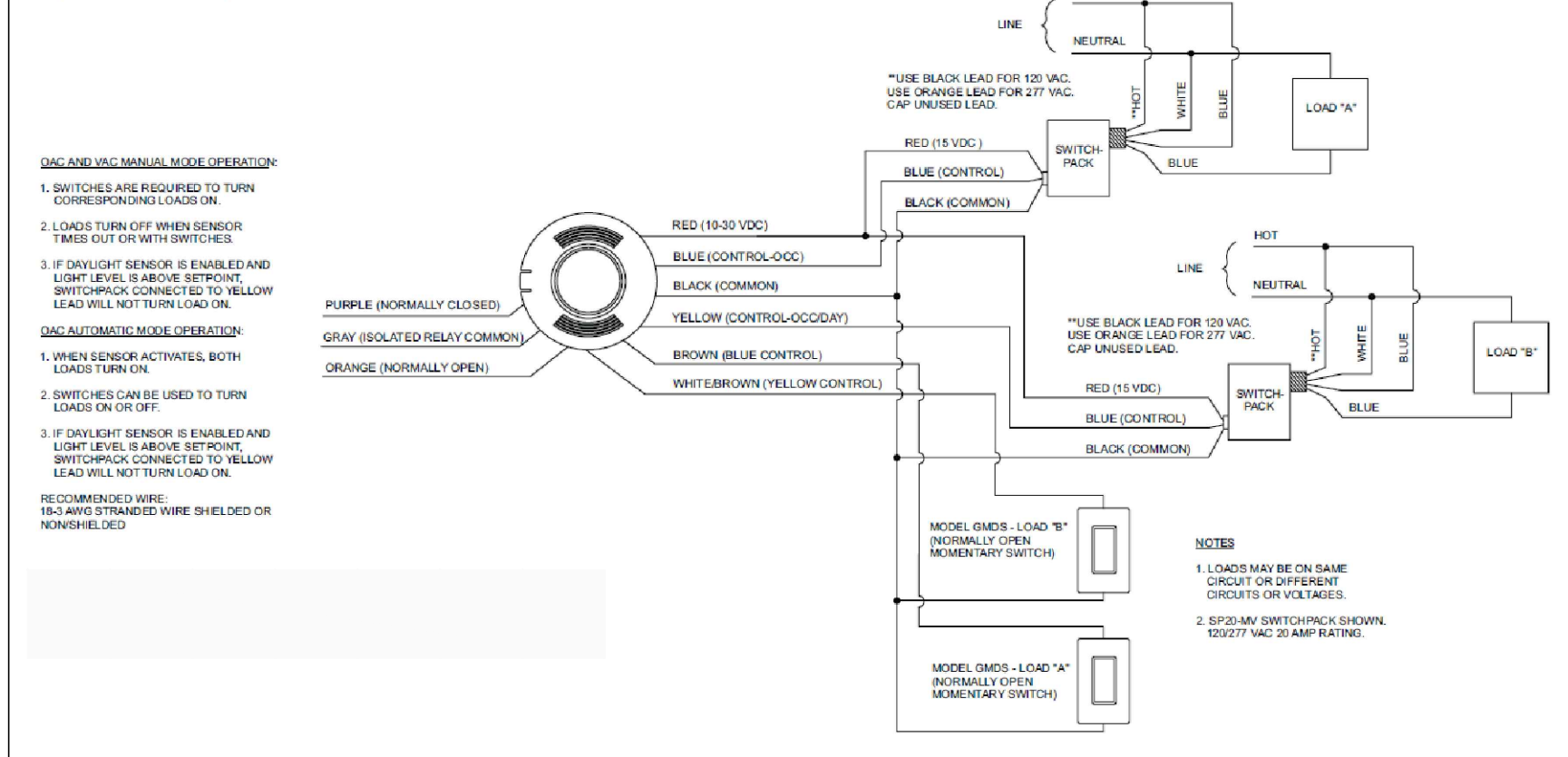
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CYNTHIA C. SPRAY, AIA AR-94167
 DRAWING TITLE:
POWER PLAN
 DRAWING NO:
E-1

LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	2'x4' FLUORESCENT LIGHT FIXTURE 120V, 60Hz, 2x F32T8 LAMPS, MAX. 58W INPUT TO BE SELECTED BY ARCHITECT / OWNER
	2'x2' FLUORESCENT LIGHT FIXTURE 120V, 60Hz, 2x F17T8 LAMPS, MAX. 32W INPUT TO BE SELECTED BY ARCHITECT / OWNER
	LED RECESSED DOWNLIGHT 120V, 60Hz, MAX. 21W INPUT TO BE SELECTED BY ARCHITECT / OWNER
	EXTERIOR LIGHT FIXTURE - WALL PACK 120V, 60Hz, MAX. 42W INPUT, LED OR CF TO BE SELECTED BY ARCHITECT / OWNER
	WALL SCONCE LIGHT FIXTURE 120V, 60Hz, MAX. 60W TO BE SELECTED BY ARCHITECT / OWNER
	PENDANT LIGHT FIXTURE 120V, 60Hz, MAX. 60W LED LAMP TO BE SELECTED BY ARCHITECT / OWNER
	EXIT SIGN WITH BATTERY BACK UP FOR 90 MIN. HATCH AREA INDICATES FACE OF SIGN. ARROW INDICATES EXIT DIRECTION. DUAL LITE LX-U-E COLOR / TRIM BY ARCHITECT/OWNER
	TANDEM EXIT SIGN / EMERGENCY LIGHT WITH BATTERY BACK UP FOR 90 MIN. DUAL LITE LTX-U-03L, 3W LED LAMP, COLOR / TRIM BY ARCHITECT/OWNER
	EMERGENCY LIGHT WITH BATTERY BACK UP FOR 90 MIN. DUAL LITE LZ2-03L, 3W LED LAMP
	LIGHT SWITCH (+48" A.F.F., TO TOP. U.N.D.)
	3 WAY LIGHT SWITCH (+48" A.F.F., TO TOP. U.N.D.)
	1 POLE SWITCH, 20A, HP RATED
	2 POLE SWITCH, 30A, HP RATED
SYMBOL	DESCRIPTION
	2 POLE SWITCH, 30A, HP RATED
	DIMMER SWITCH (+48" A.F.F., TO TOP. U.N.D.)
	LV MOMENTARY PUSH BUTTON (+48" A.F.F., TO TOP. U.N.D.)
	DIGITAL PROGRAMMABLE TIME SWITCH WALL MOUNTED INTERMATIC, MDL# STD1, 120/277V OR APPROVED EQUAL "3" INDICATES 3-WAY SWITCH (+48" A.F.F., TO TOP. U.N.D.)
	ULTRASONIC CEILING MOUNT LV VACANCY SENSOR EATON VAC-U-1000-R *OR APPROVED EQUAL* 1000 SQ.FT. COVERAGE, 360DEG. FIELD
	SWITCH PACK EATON SP20-MV 20A RATED RELAY WITH 15V OUTPUT TO VACANCY SENSORS *OR APPROVED EQUAL*
	EXHAUST FAN (SEE MECHANICAL PLANS FOR SPECS)
NOTES	
1. NOT ALL SYMBOLS MAY APPEAR ON PLANS.	
2. IF THERE IS NO DESIGNATION NEXT TO FIXTURE, THEN ASSUME IT IS A NEW FIXTURE. IF NOT EXISTING, LOCATE IT AS SHOWN ON PLANS.	
3. PROVIDE A DISCONNECTING MEANS FOR ALL DOUBLE ENDED FLUORESCENT LAMPS WITH BALLAST AS PER NEC410.72(G).	
DESIGNATION / DESCRIPTION	
+84"	UNLESS NOTED DIFFERENTLY FINISHED FLOOR
AFCI	ARC FAULT CIRCUIT INTERRUPT
GFCI	GROUND FAULT CIRCUIT INTERRUPT
WP	WEATHER PROOF ENCLOSURE
IG	ISOLATED GROUND
N	NEW FIXTURE
R	RELOCATED FIXTURE
E	INDICATES AN EXISTING FIXTURE TO REMAIN
T/L	TWIST LOCK
UND	UNLESS NOTED DIFFERENTLY NIGHT LIGHT, UNSWITCHED 24HRS ON
NL	NIGHT LIGHT, UNSWITCHED 24HRS ON
T/S	TIME SWITCH
PC	PHOTO CELL
LC	LIGHTING CONTACTOR
MWC	MINIMUM WORK CLEARANCE
OCP	OVER CURRENT PROTECTION
OC	ON CENTER
SW	SHOW WINDOW RECEPTACLE

Wiring Diagrams

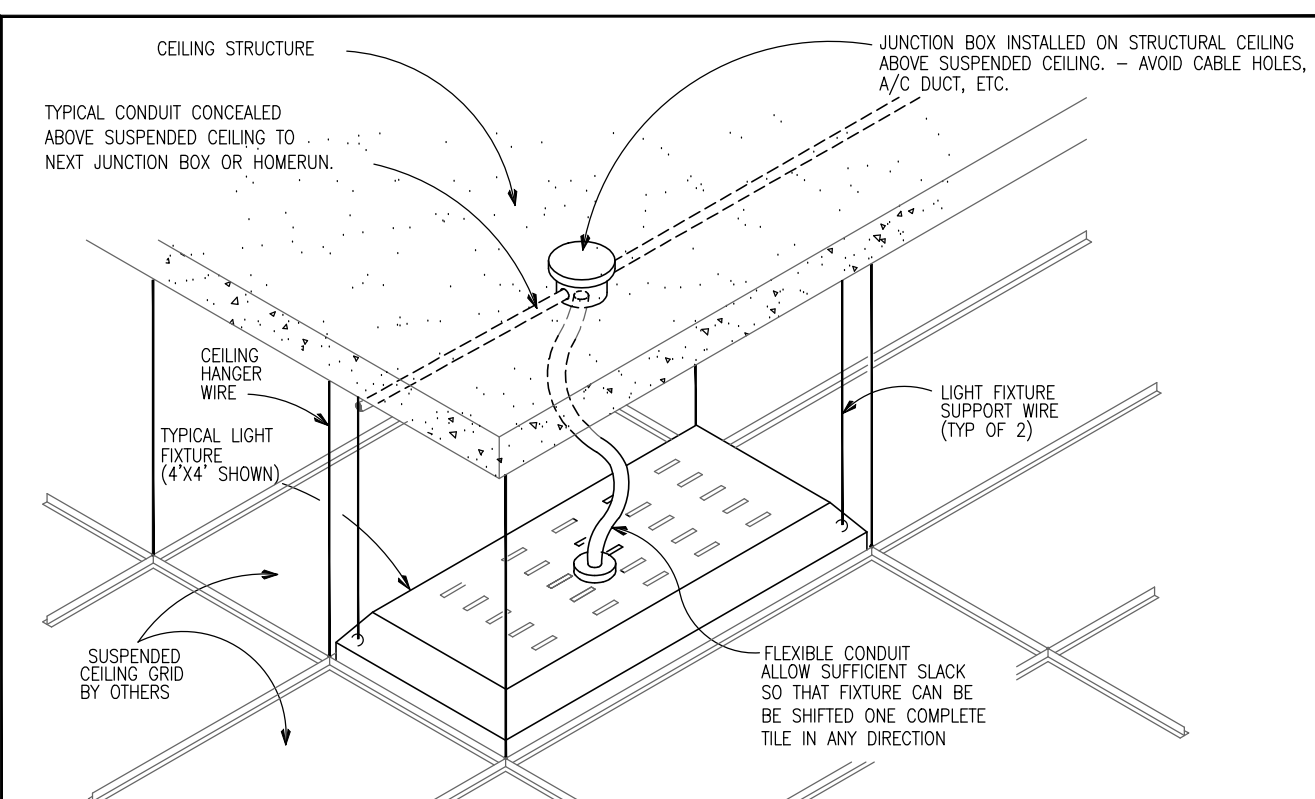
VAC-U-2000-R Model



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.



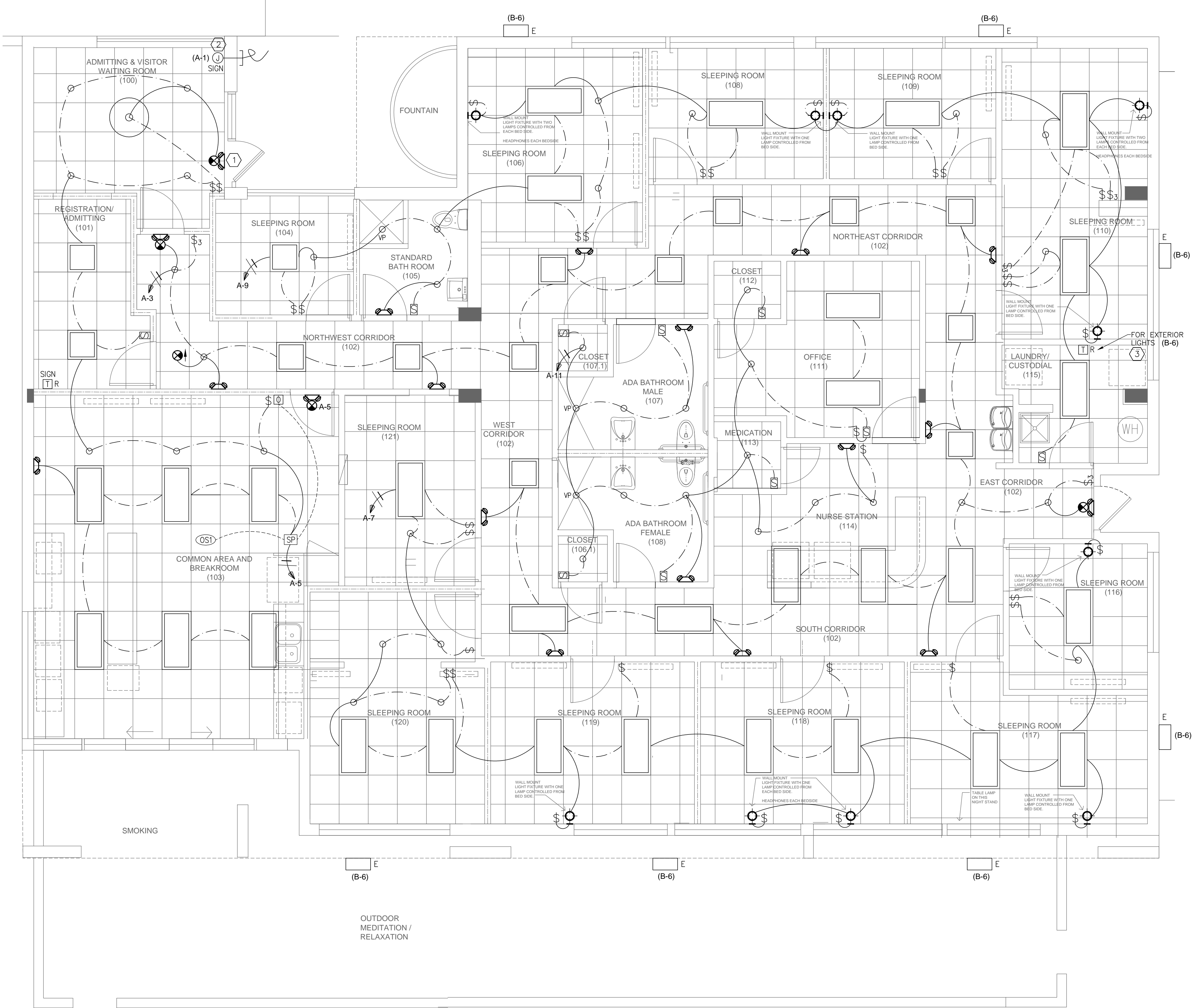
GENERAL LIGHTING FIXTURE POWER CONNECTION DETAIL

N.T.S. 1

LIGHTING LEVELS PER FBC 2014 Energy Conservation Chapter 4 BUILDING AREA METHOD - C405.5.2(2)

BUILDING AREA TYPE	AREA [sq.ft.]	MAX. LPD [VA/sq.ft.]	MAX LP [VA]	LP PROVIDED [VA]	LP PROVIDED [VA/sq.ft.]
DORMITORY	3900	1.0	3900	3700	0.9

LP - LIGHTING POWER
LPD - LIGHTING POWER DENSITY
LP BASED ON NON-SIMULTANEOUS USER OPERATION, HIGHEST WATTAGE



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.
- 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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AUE
CA # 29803

4508 SW 24th Street
Fort Lauderdale, FL 33317
Tel: (954) 471-8627
american.eng@comcast.net

project no. 1635.00

CCS
ARCHITECTURAL ENTERPRISES, INC.
499 East Palmetto Park Rd.
Suite 204
Boca Raton, FL 33432
T 561.479.9884
www.ccsarch.com
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DRAWING TITLE:
LIGHTING PLAN

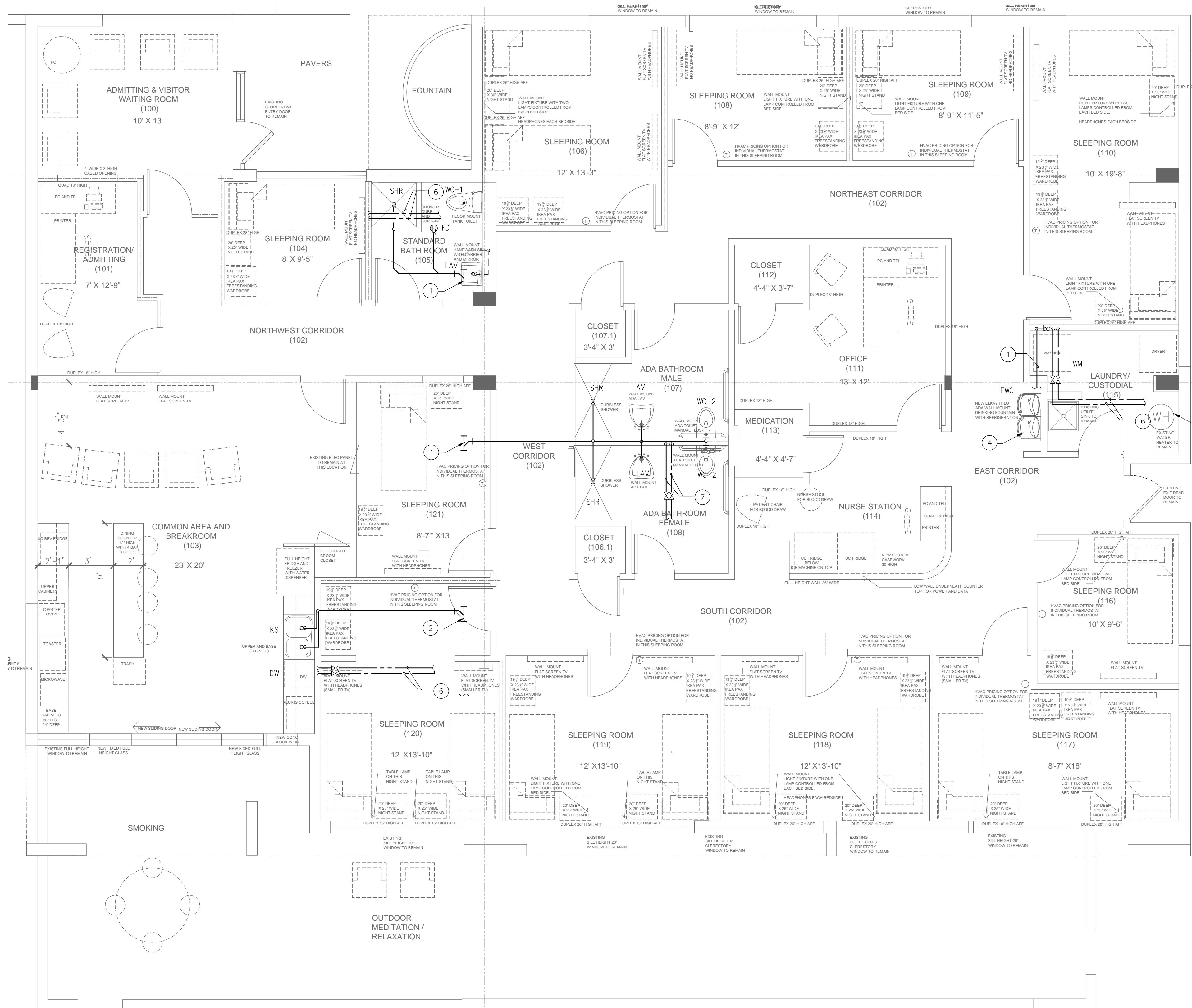
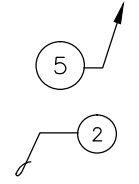
DRAWING NO: **E-2**

date _____

PLUMBING KEY NOTES

- ① TIE NEW 3" SANITARY TO EXISTING. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.
- 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 LOCATION.
- 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 LOCATION.
- 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
- ⑧ 3" SANITARY UP



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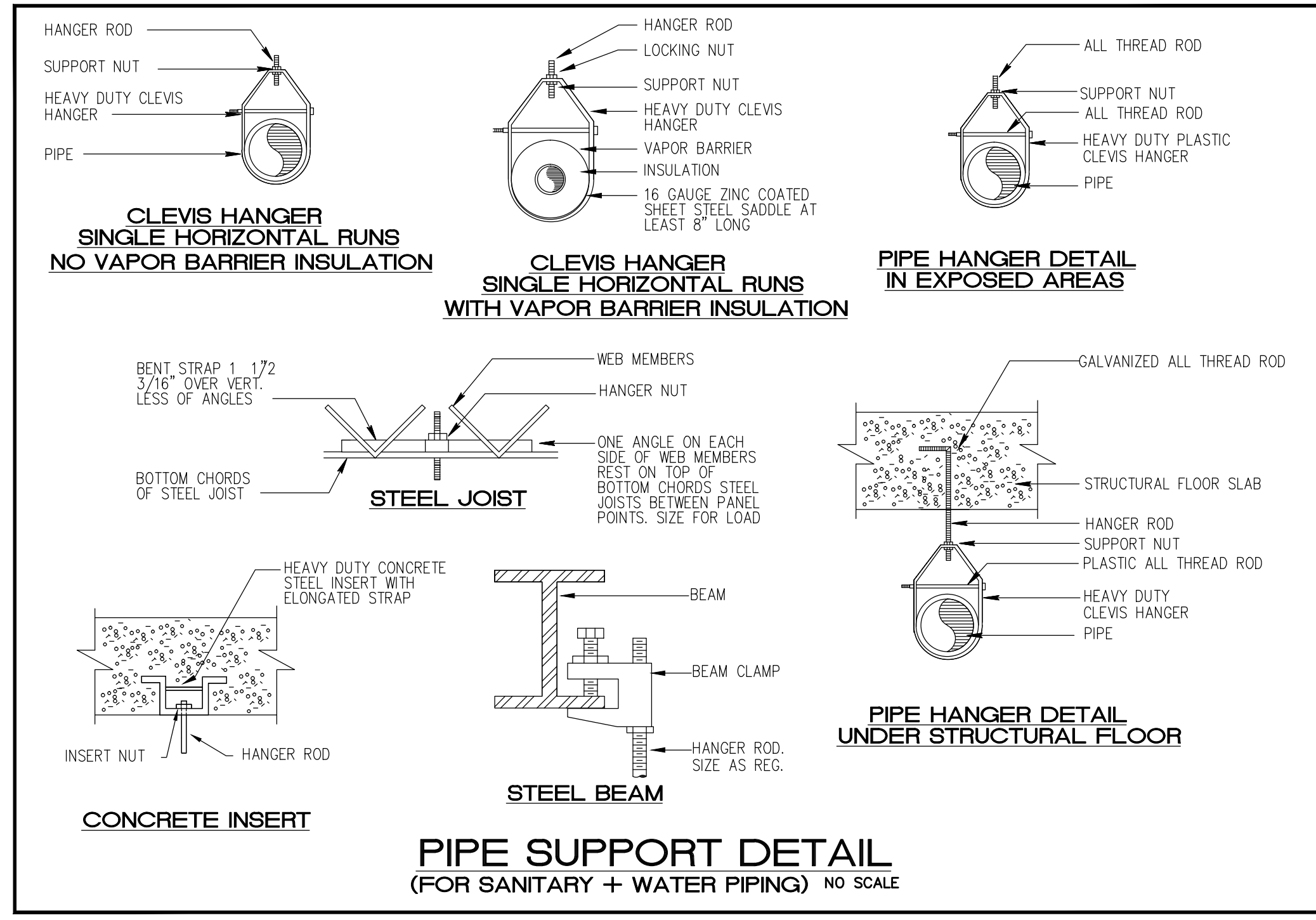
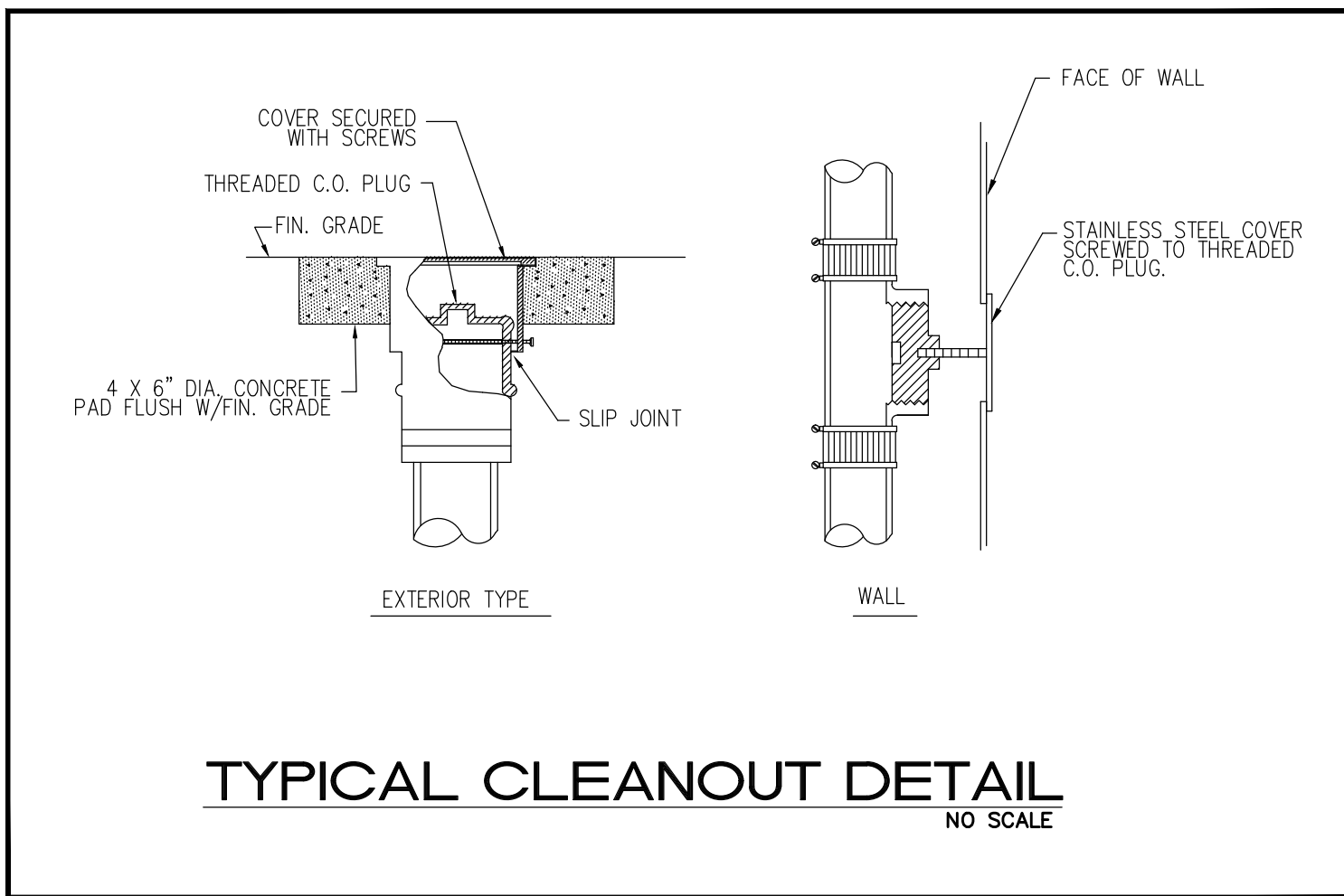
4508 SW 24th Street
 Fort Lauderdale, FL 33317
 Tel: (954) 471-8657
 american.eng@comcast.net

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CYNTHIA C. SPRAY, AIA AR-94167
 DRAWING TITLE:
PLUMBING PLAN

DRAWING NO: **P-1**



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 TO OWNER.
- 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 LABOR.
- E. ALL HORIZONTAL SANITARY PIPING SHALL SLOPE AT 1/8 INCH PER FOOT MINIMUM FOR 3\"/>

- 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:
 - PIPE: SOIL, WASTE AND VENT: SCHEDULE 40 PVC
 - DOMESTIC WATER: TYPE M COPPER ISOLATE PIPING FROM CONCRETE WITH INSULATING MATERIAL.
 - DOMESTIC WATER SUPPLY ASSEMBLY: CHROME FINISH TUBING WITH ANGLE SHUT OFF VALVES.
- PIPING TEST AND DISINFECTIONS:
 - TEST: ALL SANITARY AND DOMESTIC WATER SUPPLY PIPING SHALL BE TESTED FOR LEAKS BEFORE PIPING IS CONCEALED OR CONNECTED TO EQUIPMENT AND PLUMBING FIXTURES.
 - 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.
- VALVES: DOMESTIC WATER VALVES SHALL BE OF BRONZE BODY, SWEAT ENDS.
- CONTRACTOR SHALL COORDINATE EXACT LOCATION OF SANITARY AND DOMESTIC WATER PIPING BEFORE STARTING ANY WORK. NOTIFY ARCHITECT/ENGINEER OF ANY DEVIATIONS FROM DESIGN DRAWINGS.
- CONTRACTOR SHALL PIPE PROTECTION UNDERNEATH ALL ADA LAVATORIES AND SINKS TO COMPLY WITH ADA CODE.
- NO COMBUSTIBLE MATERIAL SHALL BE USED IN MECHANICAL ROOMS OR IN CEILING SPACES WHERE USED AS RETURN AIR PLENUMS.
- CONTRACTOR SHALL COORDINATE EXACT LOCATION OF SANITARY AND DOMESTIC WATER PIPING BEFORE STARTING ANY WORK. NOTIFY ARCHITECT/ENGINEER OF ANY DEVIATIONS FROM DESIGN DRAWINGS.

PLUMBING SYMBOL LEGEND

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
⊥	FLOOR PENETRATION
⊥	HAMMER ARRESTOR
⊥	WALL CLEANOUT
⊥	CONNECT TO EXISTING

PLUMBING FIXTURE SCHEDULE

NAME	FIXTURE	MODEL #	ACCESSORIES
WC-1	ADA WATER CLOSET	MADERA AQUAMETER #2234.015 (1.5 GPF)	CHURCH OPEN FRONT SEAT, AMERICAN STANDARD FLOWWISE MANUAL FLUSH VALVE MODEL 6047.121
WC-2	ADA CLOSET	AFWALL REGULAR AMERICAN STANDARD #2257.103	CHURCH OPEN FRONT SEAT, AMERICAN STANDARD FLOWWISE MANUAL FLUSH VALVE MODEL 6047.121
EWC	ELECTRIC WATER COOLER	OASIS PBACSL	1/2" SUPPLY PIPES, MCGUIRE ANGLE STOPS & ADJUSTABLE "P" TRAP.
LAV	WALL HUNG LAVATORY	BY OWNER	ZURN #7-7440 FAUCET 3/8" W # S-3440 DRAIN FAUCET 3/8" FLEXIBLE SUPPLY PIPE, MCGUIRE ANGLE STOPS & ADJUSTABLE "P" TRAP.
KS	KITCHEN SINK	MOEN DOUBLE BOWL 22102	MOEN #8799 FAUCET WITH #2H-40 COMPLETE DRAIN ASSEMBLY, SUPPLY PIPES, ANGLE STOPS & ADJUSTABLE "P" TRAP

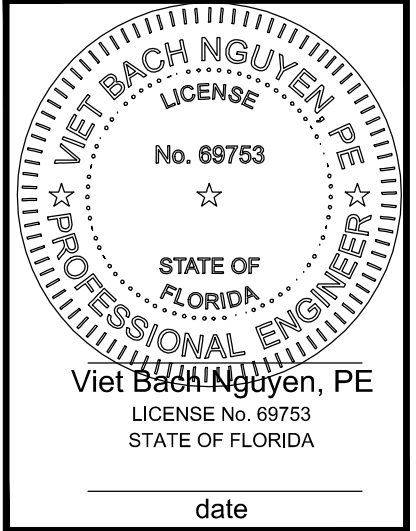
* ALL PLUMBING FIXTURES SHALL BE APPROVED BY ARCHITECT/OWNER

FIXTURE	WATER PIPE SIZE	NOMINAL SAN. SIZE	MAXIMUM FLOW RATES
WATER CLOSET (FLUSH VALVE)	1"	3"	1.28 GPM
LAVATORY	1/2"	1 1/4"	.5 GPM

SHOCK ARRESTOR SCHEDULE

P.D.I. DESIGNATION	MANUF. & MODEL	FIXTURE UNITS	CONNECTION
A	SIOUX CHIEF 652-A	1-11	1/2"
B	SIOUX CHIEF 652-B	12-32	3/4"
C	SIOUX CHIEF 652-C	33-60	1"
D	SIOUX CHIEF 652-D	61-113	1"

- SIOUX CHIEF SHOCK ARRESTORS APPROVED FOR INSTALLATION WITH NO ACCESS DOOR REQUIRED. CONFORMS TO ANSI/ASSE 1010 STANDARDS.
- LOCATE SHOCK ARRESTORS PER MANUFACTURE RECOMMENDATION.



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DRAWING TITLE:
PLUMBING NOTE SCHEDULE AND NOTE

DRAWING NO: **P-2**