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GENERAL NOTES

GENERAL CONDITIONS

- THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE, DISCREPANCIES SHALL IMMEDIATELY BE REPORTED TO THE ARCHITECT.
- ALL MATERIALS AND WORKMANSHIP SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL STANDARDS AND TO THE APPLICABLE PROVISIONS OF THE GOVERNING BUILDING CODE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONDITIONS OF ALL WORK AND MATERIALS, INCLUDING THOSE FURNISHED BY SUBCONTRACTORS.
- THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED PRODUCT. UNLESS OTHERWISE INDICATED, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION.
- THESE DRAWINGS SHOW ONLY REPRESENTATIVE AND TYPICAL DETAILS TO ASSIST THE CONTRACTOR. THE DRAWINGS DO NOT ILLUSTRATE EVERY CONDITION. ALL ATTACHMENTS, CONNECTIONS, FASTENINGS, ETC., SHALL BE PROPERLY SECURED IN CONFORMANCE WITH THE BEST PRACTICE, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING THEM.
- DETAILS SHOWN ON DRAWINGS APPLY AT ALL LIKE CONDITIONS.
- THE USE OF REPRODUCTIONS OF THESE CONTRACT DRAWINGS BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES HIS ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATED HIMSELF TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON.
- INSTALL ALL MANUFACTURING ITEMS, MATERIALS AND EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDED SPECIFICATIONS; EXCEPT THAT THE SPECIFICATIONS HEREIN, WHERE MORE STRINGENT, SHALL BE COMPLIED WITH.
- PROVIDE AND MAINTAIN IN PROPER ORDER AND IN GOOD, CLEAN CONDITION AT THE PROJECT SITE, ONE COMPLETE SET OF DRAWINGS. PRINT IN PENCIL, NEATLY AND ACCURATELY, ANY AND ALL CHANGES TO THE PROJECT. THIS SET OF PRINTS SHALL BE SCANNED AND CONVERTED TO PDF FILE FORMAT, AND PRESENTED TO THE OWNER AT THI TIME OF FINAL ACCEPTANCE OF THE WORK BY THE G.C.
- ANY CLARIFICATION TO THE DRAWINGS SHALL BE SUFFICIENTLY GIVEN AND IN WRITING BEFORE IT SHALL BE ADDRESSED BY THE ARCHITECT. ANY CHANGE THAT WILL EFFECT TIMING OR COST SHALL HAVE APPROVAL IN WRITING PRIOR TO WORK BEING DONE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING HIS OWN INTERNET, TELEPHONE, TOILET, WATER AND ELECTRICITY FOR ALL PROJECT FUNCTIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TAPS, EXTENSIONS, VALVES OR OTHER DEVICES NECESSARY TO RUN POWER TOOLS AND EQUIPMENT. SUCH MODIFICATIONS TO EXISTING UTILITIES MUST BE REMOVED AT COMPLETION OF THE PROJECT, LEAVING ALL UTILITIES IN "LIKE NEW" CONDITION.
-). THE CONTRACTOR SHALL MAINTAIN AT ALL TIMES ADEQUATE SAFETY BARRICADES AND CLEAR ACCESS IN AND OUT OF THE WORK SITE SO AS TO FACILITATE DAILY TRAFFIC MOVEMENT, DELIVERIES AND SAFETY.
- THE CONTRACTOR SHALL LIMIT ACCESS TO THE PROJECT SITE TO AUTHORIZED PERSONS AND EQUIPMENT ONLY.
- 12. EXCEPT WHERE OTHERWISE SPECIFIED. THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION AGAINST WEATHER TO MAINTAIN ALL WORK, MATERIALS, APPARATUS AND FIXTURES FROM INJURY OR DAMAGES. AT THE END OF THE DAYS WORK, ALL NEW WORK LIKELY TO BE DAMAGED SHALL BE COVERED OR OTHERWISE PROTECTED AS REQUIRED.
- . SUBSTITUTIONS WILL BE CONSIDERED ONLY WHERE THE TERM "APPROVED EQUAL" IS USED. APPROVAL IS AT THE SOLE DISCRETION OF THE ARCHITECT.
- 14. ALL ITEMS TO BE INSTALLED BY G.C. SHALL REQUIRE UNLOADING AND ASSEMBLY IF NECESSARY.
- 15. GENERAL CONTRACTOR IS RESPONSIBLE FOR UNLOADING, ACCEPTING AND CHECKING EQUIPMENT FOR ALL OWNER-SUPPLIED ITEMS.
- 16. GENERAL CONTRACTOR IS RESPONSIBLE FOR DAMAGES AND/OR FREIGHT CLAIMS FOR ALL SHIPMENTS TO THE PROJECT SITE.
- ALL NEW ITEMS SHALL FULLY COMPLY WITH ADA ACCESSIBILITY GUIDELINES SECTION 4.1.3 ACCESSIBLE BUILDINGS: NEW CONSTRUCTION. GENERAL CONTRACTOR SHALL SECURE FINAL ACCESSIBILITY SITE INSPECTION APPROVAL PRIOR TO DEMOBILIZATION.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF THE CONTRACT DOCUMENTS.
- THE OWNER SHALL BE NOTIFIED OF ANY UNFORSEEN CONDITIONS WHICH MAY AFFECT PROGRESS OR COST OF WORK PERFORMED.
- 20. FIRE EXTINGUISHERS SHALL BE LOCATED PER DIRECTION OF FIRE DEPARTMENT. PROVIDE A MINIMUM OF 2. MAXIMUM TRAVEL DISTANCE TO A FIRE EXTINGUISHER: 75'. FIRE EXTINGUISHERS SHALL BE PROVIDED, INSTALLED AND CERTIFIED BY THE GENERAL CONTRACTOR.
- IF ANY HOT WORK IS DONE DURING THE CONSTRUCTION WORK A FIRE WATCH MUST BE CONDUCTED WITH A FIRE EXTINGUISHER NEAR THE HOT WORK SITE. ADJACENT AREAS SHOULD BE PROTECTED THRU THE USE OF A FIRE PROOF BLANKET AROUND THE AREA OF WELDING/CUTTING.
- 22. ADDRESS IDENTIFICATION. ALL BUILDINGS SHALL BE PROVIDED WITH APPROVED ADDRESS NUMBERS OR LETTERS PER IBC 501.2. EACH CHARACTER SHALL BE A MINIMUM 8 INCHES HIGH AND A MINIMUM OF 0.5 INCH WIDE, INSTALLED ON A CONTRASTING BACKGROUND AND BE PLAINLY VISIBLE FROM THE RIGHT-OF-WAY.

FIREBLOCKING AND DRAFTSTOPPING ALL FIRE BLOCKING AND DRAFT STOPPING SHALL CONFORM TO THE BUILDING CODE.

- FIRE BLOCKS SHALL BE PROVIDED IN ACCORDANCE WITH THE BUILDING CODE AT THE FOLLOWING LOCATIONS:
- 2.a. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS, AT 10-FOOT INTERVALS ALONG THE LENGTH OF THE WALL.
- AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL 2.b. SPACES SUCH AS THOSE THAT OCCUR AT SOFFITS, DROP CEILINGS AND COVE CEILINGS.
- IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE 2.c. RUN AND BETWEEN STUDS ALONG AND IN LINE WITH THE RUN OF STAIRS IF THE WALLS UNDER THE STAIRS ARE UNFINISHED.
- IN OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS, FIREPLACES AND SIMILAR 2.d. OPENINGS THAT AFFORD A PASSAGE FOR FIRE AT CEILING AND FLOOR LEVELS, WITH NONCOMBUSTIBLE MATERIALS.

TENANT IMPROVEMENTS CARESPOT URGENT CARE

8132 LEE VISTA BLVD. #102, ORLANDO, FLORIDA 32801 GRAPHIC LEGEND CODE SUMMARY

BUILDING CODES: FLORIDA BUILDING CODE 6TH EDITION (2017) FLORIDA BUILDING CODE ACCESSIBILITY 6TH EDITION (2017)

NATIONAL ELECTRICAL CODE (2014)

MECHANICAL CODE (2017) FUEL GAS CODE (2017)

FLORIDA ENERGY CODE (2017)

PLUMBING CODE (2017)

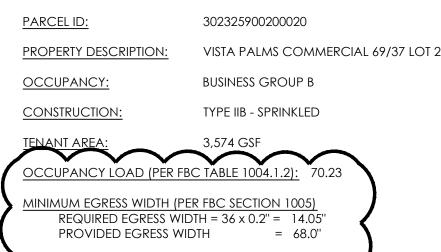
FLORIDA FIRE PREVENTION CODE 6TH EDITION (2017) NFPA 101 LIFE SAFETY CODE (2015) w/ FLORIDA AMENDMENTS

NFPA 1 UNIFORM FIRE CODE (2015) w/ FLORIDA AMENDMENTS FLORIDA STATUTES

FLORIDA ADMINISTRATIVE CODE

ORLANDO CITY CODE

PROJECT SCOPE INTERIOR FINISH OUT OF A NEW ONE STORY SHELL BUILDING. THE PROP A BUSINESS OCCUPANCY WHICH IS CONSISTENT WITH THE ZONING OF PROPERTY.



MINIMUM EXITS REQUIRED (PER FBC SECTION 1006) REQUIRED = 2PROVIDED = 2 INALINA TRAVEL DISTANCE (PER EB) MAXIMUI EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED 250' NOT REQUIRED FIRE ALARM:

SPRINKLER: YES

FIRE SPRINKLER PERMITTING NOTE

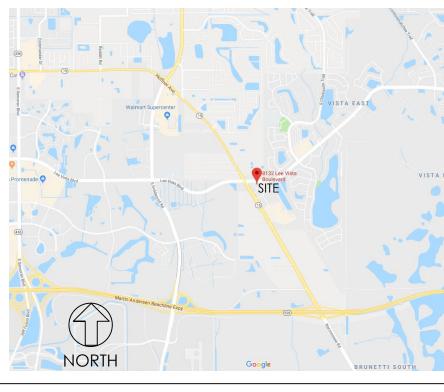
THE FIRE SPRINKLER CONTRACTOR SHALL SUBMIT AND OBTAIN A FIRE SF PERMIT PRIOR TO INSTALLATION OR MODIFICATION OF THE SYSTEM.

WALL, FLOOR AND CEILING FINISHES SHALL COMPLY WITH NFPA 101 S

ARCHITECT'S STATEMENT OF FACT

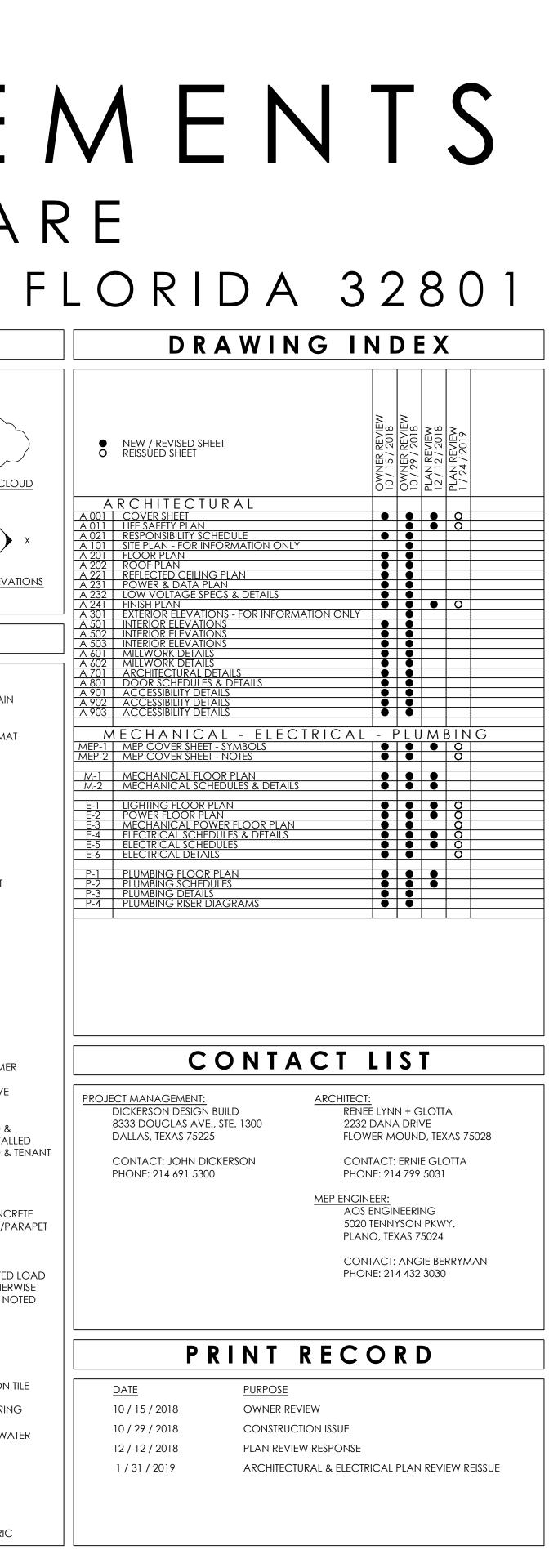
BY SIGNING AND SEALING THIS DRAWING, THE ARCHITECT ACKNOWLE TO THE BEST OF HIS/HER KNOWLEDGE, THESE DRAWINGS AND THE PRO WORK COMPLY WITH THE MINIMUM APPLICABLE BUILDING CODES AN SAFETY REGULATIONS AS DETERMINED BY THE LOCAL AUTHORITY HAVI JURISDICTION.

PROJECT LOCATIO



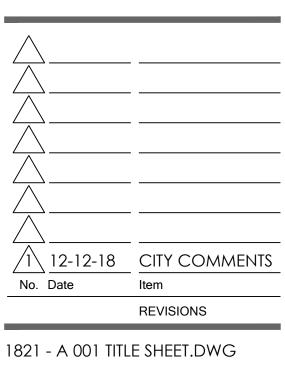


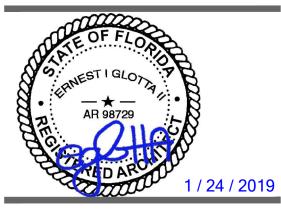
	1 / A3 ELEVATIO	N BUILDING SECTION	WA					TRUE PLAN	REVISION CL
	NAME	• 21'-0" A.F.F. T.O. CMU WALL		WO1			A	XX1	×
EIS	<u>ROOM NA</u>		<u>11W</u>	NDOW TYPE	DOOR NUMBER		PARTITION TYPE	KEYED NOTE	X INTERIOR ELEVA
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	@ Ω Φ &	AT CENTERLINE DIAMETER OR ROUND AND	E. EA. E.B. E.I.F.S.	EAST EACH EXPANSION BOLT EXTERIOR INSULATION FI	I.D. IE. I.G. IN. NISH INSU		INSIDE DIAMETER INVERT ELEVATION ISOLATED GROUND INCH INSULATION	R. RA. RD. REINF. REQ'D.	RADIUS RETURN AIR ROUND, ROOF DRAIN REINFORCEMENT REQUIRED
	A, AMP. A.B. ABV. A/C	AMPERE ANCHOR BOLT ABOVE AIR CONDITIONING	E.J. El. Elec.	SYSTEM EXPANSION JOINT ELEVATION ELECTRIC	INT. INV.		INTERIOR AND INTERCOM	R.F.M. RM. R.O.	RECESSED FLOOR MA ROOM ROUGH OPENING
	ACT ADA A.F.F.	ACOUSTICAL TILE AMERICANS W/ DISABILITIES ACT AUTHORITY HAVING JURISDICTION	E.P. EST. EQ.	ELECTRICAL PANELBOA ESTIMATE EQUAL	JT.		JANITOR JOINT AND JOINT TRENCH	S. S.A. S.B.	SOUTH AND SLOPE SUPPLY AIR SPLASH BLOCK
	A.H.J. AL. ALUM. ALT.	AREA LIGHTING AREA LIGHTING ALUMINUM ALTERNATIVE	EQP. E.T.S. E.W. E.W.C.	EQUIPMENT EXPOSED TO STRUCTURE EACH WAY ELECTRIC WATER COOL			KITCHEN KNOCKOUT LAMINATE	S.C. SCHED. S.D. SEAL.	solid core schedule smoke detector sealant
	APPROX. ARCH. AUTO. AW.	APPROXIMATE ARCHITECT, ARCHITECTURAL AUTOMATIC ACOUSTICAL WALL	EXH. EXP. EXT. F.A.	EXHAUST EXPANSION EXTERIOR FIRE ALARM	LAV. LBS. L.F. L.P. LS		LAVATORY POUNDS LINEAR FEET LOW POINT LANDSCAPING	SECT. S.F. SHT. SHTG. SIM.	SECTION SQUARE FOOT/FEET SHEET SHEETING SIMILAR
	BRD. BLDG. BLK. BM.	BOARD BUILDING BLOCK BEAM	F.C. F.D. FDN. F.E.	FURRING CHANNEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER	MAS MAX MDE	Κ.	MASONRY MAXIMUM MEDIUM DENSITY FIBERBOARD	S.J. S.O. SPECS. SQ.	SAW CUT JOINT SLAB OPENING SPECIFICATIONS SQUARE
0.2	B.O. B.O.F. B.O.C. BOT.	BOTTOM OF BOTTOM OF FRAMING BASE OF CURB BOTTOM	F.E.C. F.F.E. F.F.L. F.H.C.	FIRE EXTINGUISHER & CA FINISH FLOOR ELEVATIO FINISH FLOOR LINE FIRE HOSE CABINET			MECHANICAL METAL MANUFACTURER MANHOLE	S.S. SS. STD. STL.	STAINLESS STEEL SANITARY SEWER STANDARD STEEL
AT	BRG. BSMT. BTWN. B.U.	BEARING BASEMENT BETWEEN BUILT-UP	FIN. FLG. FLR. F.O.	FINISH (ED) FLASHING FLOOR (ING) FACE OF	MIN. MIR. MISC M O		MINIMUM MIRROR MISCELLANEOUS MASONRY OPENING	STRUC. SUSP. T.	STRUCTURAL SUSPENDED TREAD, TRANSFORMEI
	B.U.R. C. CAB.	BUILT-UP ROOF CONDUIT OR CELCIUS CABINET	F.O.C. F.O.F. F.O.M. F.O.S.	FACE OF CURB/CONCR FACE OF FINISH FACE OF MASONRY FACE OF STUDS	ETE MTD MAT MWF). [L.	MOUNTED MATERIAL (S) MILLWORK	T&B T&G TBL. TELE.	TOP & BOTTOM TONGUE & GROOVE TABLE TELEPHONE
	C.B. C.C. CEM. CFM. CFL.	CATCH BASIN CENTER TO CENTER CEMENT CUBIC FEET PER MINUTE COUNTER FLASHING	FRP. FT. FTG. FURR.	FIBER REINFORCED PAN FOOT OR FEET FOOTING FURRING	N. N.I.C NO. NOA	OR # ∕I.	NORTH NOT IN CONTRACT NUMBER NOMINAL	T.F.C.I. T.F.T.I. THK.	TENANT FURNISHED & CONTRACTOR INSTAL TENANT FURNISHED & INSTALLED THICKNESS
	CFL. C.G. CHT. C.I.P. C.J.	CORNER GUARD CEILING HEIGHT CAST IN PLACE CONTROL JOINT	G. GA. GAL. GALV.	GROUND AND NATURA GAUGE GALLON GALVANIZED	_ GAS N.T.S O.C. O.D. O.F.C		NOT TO SCALE ON CENTER (S) OUTSIDE DIAMETER OWNER FURNISHED &	THRES. T.O. T.O.C. T.O.P.	THRESHOLD TOP OF TOP OF CURB/CONC TOP OF PAVEMENT/P/
J	CL. CLG. CLR. C.M.	COLUMN MOUNT CEILING CLEAR CONSTRUCTION MANAGER	G.B. G.C. G.F.I.	GRAB BAR GENERAL CONTRACTO GROUND FAULT CIRCU INTERRUPTER	0.F.C	O.I.	CONTRACTOR INSTALLED OWNER FURNISHED & OWNER INSTALLED OVERHEAD	T.S. TYP. U.D.L.	TUBE STEEL TYPICAL UNIFORM DISTRIBUTED
	CMU. C.O. COL. CONC.	CONCRETE MASONRY UNIT CLEAN-OUT COLUMN CONCRETE	G.I. G.L.B. GND. G.S.F. GYP. BRD.	GALVANIZED IRON (STEE GLUE-LAM BEAM GROUND GROSS SQUARE FOOTA GYPSUM BOARD	EL) OPG O.P.I GE OPP. O.S./	Э Н. А.	OPENING OPPOSITE HAND OPPOSITE OUTSIDE AIR	U.N.O. U.O.N. V.	UNLESS NOTED OTHER UNLESS OTHERWISE NO VOLTS AND VENT
	CONT. CONTR. CONSTR. COOR. CORR.	CONTINUOUS CONTRACTOR CONSTRUCTION COORDINATE CORRIDOR	H.B. H.C. H.D.	HOSE BIBB HANDICAPPED HIGH DENSITY	O.S.E P/L. PEME PER.	В	ORIENTED STRAND BOARD PROPERTY LINE PRE-ENGINEERED METAL BUILD PERIMETER	VENT. VERT. VEST. DING V.I.F. V.C.T.	VENTILATION VERTICAL VESTIBULE VERIFY IN FIELD VINYL COMPOSITION
	C.T. DBL.	CERAMIC TILE DOUBLE DEDICATED	H.M. HORIZ. H.P. HR.	HOLLOW METAL HORIZONTAL HIGH POINT AND HORSE HOUR	PL. P.LA <i>I</i> PLUN	М. ИВ.	PLATE PLASTIC LAMINATE PLUMBING	VTR. V.W.C. W.	VENT THRU ROOF VINYL WALL COVERIN WEST, WATTS AND WA
22)	DED. DET. D.F. DIA. DIM. DN.	DEDICATED DETAIL DRINKING FOUNTAIN DIAMETER DIMENSION DOWN	HT. HVAC	HEIGHT HEATING VENTILATING A CONDITIONING	ND AIR PNL. PR PREF P.S.F P.S.I.	IN.	PLYWOOD PANEL PAIR PREFINISHED POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH	w. W/ W/O WD. W.GL. W.H.	WEST, WATTS AND WA WITH WITHOUT WOOD WIRE GLASS WATER HEATER
	DN. D.S. DSB DWG.	DOWN DOWNSPOUT DOUBLE STRENGTH DRAWING			P.S.I. PVC PVM	•	POUNDS PER SQUARE INCH POLYVINYL CHLORIDE PAVEMENT	W.N. WP. W.P. W.W.F.	WATERPROOF WORK POINT WELDED WIRE FABRIC



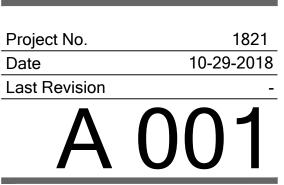


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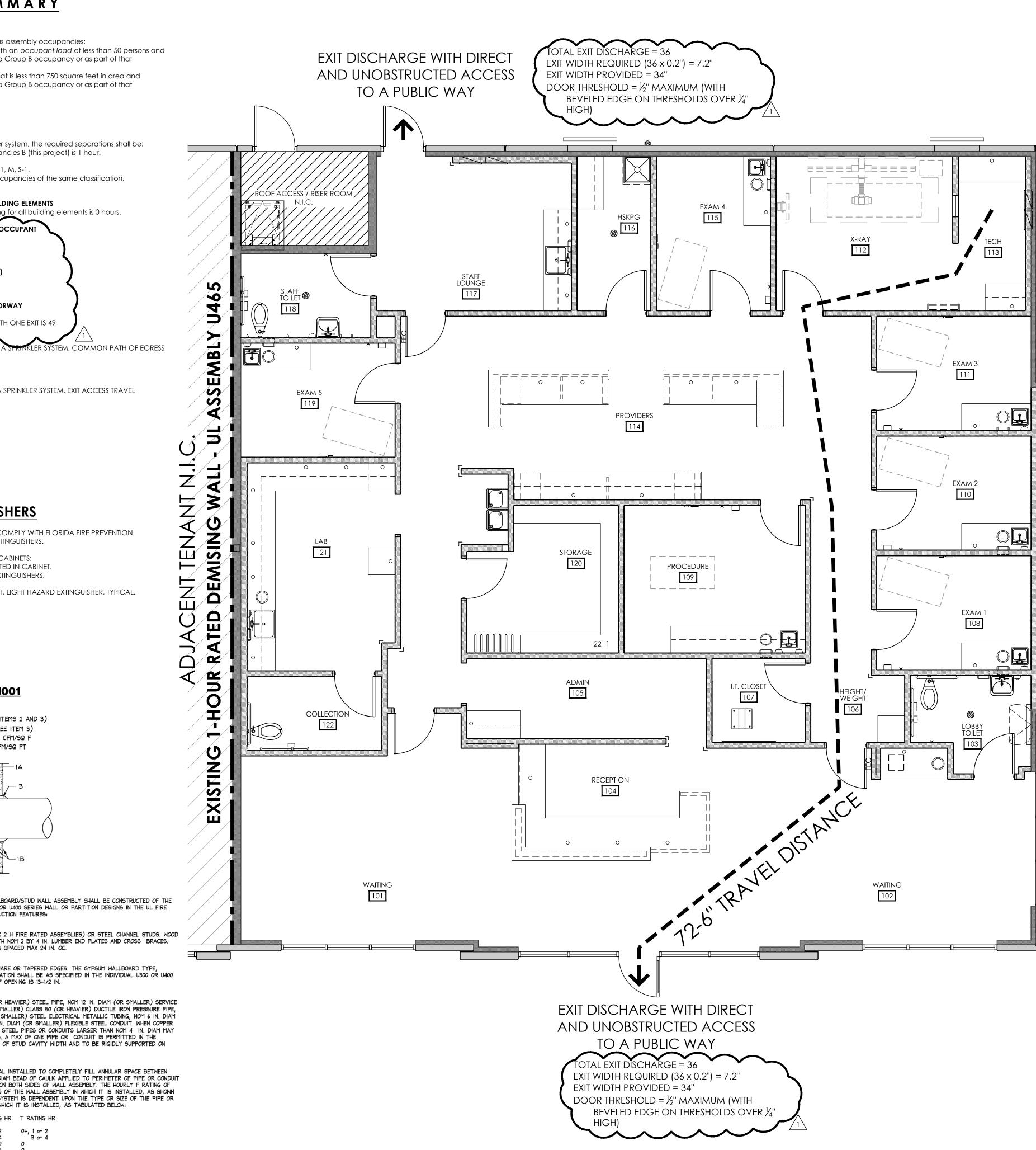




UL DES	<u>SIGN NO. U465</u>	<u>CODE SUMM</u>
SCALE + N.T.S.		SECTION 303 - ASSEMBLY GROUP A 303.1.2 SMALL ASSEMBLY SPACES. The following rooms and spaces shall not be classified as asse 1. A room or space used for assembly purposes with an accessory to another occupancy shall be classified as a Grou occupancy. 2. A room or space used for assembly purposes that is le accessory to another occupancy shall be classified as a Grou accessory to another occupancy shall be classified as a Grou
		OCCUPANCY. SECTION 304 - USE AND OCCUPANCY CLASSIFICATION RUSINESS CROUP R CLINIC OUTPATIENT
	APED RUNNERS, 3-5/8 IN. WIDE (MIN), 1-1/4 IN. LEGS, FORMED M 4C IS USED) GALV STEEL, ATTACHED TO FLOOR AND CEILING	BUSINESS GROUP B - CLINIC, OUTPATIENT TABLE 508.4 - REQUIRED SEPARATION OF OCCUPANCIES
	NDE (MIN), 1-1/4 IN. LEGS, 3/8 IN. FOLDED BACK RETURNS, WHEN ITEM 4C IS USED) GALV STEEL SPACED 24 IN. OC MAX.	 In buildings equipped throughout with an automatic sprinkler syste Between Occupancy A (adjacent tenant) and Occupancies DEMISING WALL FIRE-RESTANCE RATING = 1 HOUR.
	- MINERAL WOOL OR GLASS FIBER BATTS PARTIALLY OR COMPLETELY (BZJZ) CATEGORY FOR NAMES OF CLASSIFIED COMPANIES.	 No separation requirement between Occupancies B, F-1, M, S Per exception d, separation is not required between occupancies
INSULATION MATERIAL. THE FIBER IS APPLIED WIT	BATTS AND BLANKETS (ITEM 3) SPRAY APPLIED CELLULOSE H WATER TO COMPLETELY FILL THE ENCLOSED CAVITY IN S SUPPLIED WITH THE PRODUCT. NOMINAL DRY DENSITY OF 3.0	TABLE 601 - FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING In construction type II-B SPRINKLERED, the fire-resistance rating for TABLE 1004.1.2 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCU
U S GREENFIBER L L C COCOON STABIL	IZED CELLULOSE INSULATION.	Business 2606.7 sq. ft. / 100 = 26.06 Waiting 662.6 sq. ft. / 15 = 44.17 TOTAL OCCUPANT LOAD = 70.23
WITH 1 IN. LONG, TYPE S STEEL SCREWS SPACED	E, ATTACHED TO STEEL STUDS AND FLOOR AND CEILING TRACK 0 8 IN. OC. ALONG EDGES OF BOARD AND 12 IN. OC IN THE FIELD OF STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY. WHEN 6A (FURRING CHANNELS),	SECTION 1005.3.2 - EGRESS COMPONENTS (NON-STAIRWAYS) OCCUPANT LOAD x 0.2" = 70.23 x 0.2" = 14.046" 14.046" REQUIRED / 68" PROVIDED (refer to plan)
AMERICAN GYPSUM CO BEIJING NEW BUILDING MATERIALS CO LTD BPB AMERICA INC	TYPES AG-C, AGX-C TYPE DBX-1.	TABLE 1006.2.1 - SPACES WITH ONE EXIT OR EXIT ACCESS DOORWA
BPB CELOTEX CANADIAN GYPSUM COMPANY CONTINENTAL GYPSUM COMPANY	TYPE 1 TYPES AR, C, IP-AR, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX. TYPES CG-C, CG5-5, CG6-6, CG9-9, CGTC-C.	MAXIMUM OCCUPANT LOAD IN GROUP B OCCUPANCIES WITH ON MAXIMUM OCCUPANT LOAD OF SPACES = 70.23
G-P GYPSUM CORP, SUB OF GEORGIA-PACIFIC CORP JAMES HARDIE GYPSUM INC	TYPES 5, 9, C, DGG, DS, GPFS6. TYPE MAX "C" OR FIRE X.	FOR GROUP B OCCUPANCIES EQUIPPED THROUGHOUT WITH A STR TRAVEL SHALL NOT EXCEED 100'
LAFARGE GYPSUM, DIV OF LAFARGE CORP NATIONAL GYPSUM CO	TYPES LGFC2, LGFC2A, LGFC6, LGFC6A, LGFC-C, LGFC-C/A. TYPES FSK-C, FSK-G, FSW-C, FSW-G, FSW .	MAXIMUM 72'-6" TABLE 1017.2 - EXIT ACCESS TRAVEL DISTANCE
PABCO GYPSUM, DIV OF PACIFIC COAST BUILDING PRODUCTS INE- SIAM GYPSUM INDUSTRY CO LTD	TYPE PG-C. TYPE EX-I	FOR GROUP B OCCUPANCY EQUIPPED THROUGHOUT WITH A SPRIM DISTANCE SHALL NOT EXCEED 250' MAXIMUM 72'-6''
STANDARD GYPSUM L L C TEMPLE-INLAND FOREST PRODUCTS CORP UNITED STATES GYPSUM CO	TYPE SG-C. TYPE TG-C. TYPE AR, C, FRX-G, IP-AR, IP-X2, IPC-AR, SCX, SHX,	
USG MEXICO S A DE C V WESTROC INC	WRC OR WRX. TYPE AR, C, IP-AR, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX. TYPE WESTROC FI-ROK.	
4A. GYPSUM BOARD * (AS AN ALTERNATE TO DESCRIBED IN ITEM 4 WITH SCREW LENGTH INCRE,	ITEM 4) NOM 3/4 IN. THICK, 4 FT WIDE, INSTALLED AS ASED TO 1-1/4 IN.	
CANADIAN GYPSUM COMPANY TYPES UNITED STATES GYPSUM CO TYPES USG MEXICO S A DE C V TYPES		FIRE EXTINGUISHE
4C. GYPSUM BOARD * (AS AN ALTERNATE TO	ITEM 4, 4A AND 4B) 5/8 IN. THICK GYPSUM PANELS, S-12 STEEL SCREWS. THE LENGTH AND SPACING OF THE SCREWS	INSTALLATION OF FIRE EXTINGUISHERS AND CABINETS SHALL COMP CODE AND NFPA 10: STANDARDS FOR PORTABLE FIRE EXTINGL REFER TO PLAN FOR LOCATION OF FIRE EXTINGUISHERS AND CABIN
CANADIAN GYPSUM COMPANY TYPE UNITED STATES GYPSUM CO TYPE		'FEC' INDICATES LOCATIONS OF WALL MOUNTED FIRE EXTINGU
AND SCREW HEADS; PAPER TAPE, 2 IN. WIDE, EM	OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS BEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS. AS AN IEER PLASTER MAY BE APPLIED TO THE ENTIRE SURFACE OF CED.	PROVIDE ABC DRY CHEMICAL TYPE 3A-40BC, OR EQUIVALENT, LIGH
6. RESILIENT CHANNEL (OPTIONAL-NOT SHOP VERTICALLY MAX 24 IN. OC, FLANGE PORTION ATT PANHEAD STEEL SCREWS. NOT FOR USE WITH TY	N) 25 MSG GALV STEEL RESILIENT CHANNELS SPACED ACHED TO EACH INTERSECTING STUD WITH 1/2 IN. LONG TYPE S-12 PE FRX GYPSUM PANELS.	
6A. STEEL FRAMING MEMBERS (NOT SHOWN) RESILIENT SOUND ISOLATION CLIP AS DESCRIBED) * AS AN ALTERNATE TO ITEM 3, FURRING CHANNELS AND BELOW:	
A. FURRING CHANNELS FORMED OF NO. 25 I OC PERPENDICULAR TO STUDS. CHANNELS SEC	MSG GALV STEEL. 2-3/8 IN. WIDE BY 7/8 IN. DEEP, SPACED 24 IN. URED TO STUDS AS DESCRIBED IN ITEM B.	UL DESIGN NO. W-L-1001 SCALE + N.T.S.
	ATTACH FURRING CHANNELS (ITEM A) TO STUDS (ITEM 1). CLIPS AITH 1-5/8 IN. WAFER OR HEX HEAD TYPE S STEEL SCREW INNELS ARE FRICTION FITTED INTO CLIPS.	(FORMERLY SYSTEM NO. 147) F RATINGS 1, 2, 3 AND 4 HR (SEE ITEMS T RATINGS 0, 1, 2, 3, AND 4 HR (SEE ITE L RATING AT AMBIENT LESS THAN 1 CFM/SQ L RATING AT 400 F LESS THAN 1 CFM/SQ
PAC INTERNATIONAL TYPE RSIC-1. *BEARING THE UL CLASSIFICATION		
DEAKING THE UL CLASSIFICATION		
OUTLET BOXES	IN FIRE RATED WALLS	
A UL CLASSIFIED WALL OPENING PROTECTIVE	MATERIAL (COMMONLY KNOWN AS "PUTTY PADS" OR	
"INSERT PADS") SHALL BE USED IN THE FOIWHERE BOXES ARE INSTALLED IN FIRE RATIONALIZED IN FIRE FIRE FIRE FIRE FIRE FIRE FIRE FIRE		
• WHERE THE OPENINGS IN THE WALL BOA AND THE WALL BOARD EXCEED $\frac{1}{3}$ "	RD FACE ARE CUT SO THAT THE DISTANCE BETWEEN THE BOX	1. WALL ASSEMBLY - THE 1, 2, 3 OR 4 HR FIRE-RATED GYPSUM WALLBOARD. MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U40
THE HORIZONTAL SEPARATION OF BACK	to back outlets is less than 24 inches.	RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION
 THE INDIVIDUAL OUTLET (OR SWITCH) BO THE ENTIRE SURFACE AREA OF THE BOX E 	XES EXCEED AN AREA OF 16 INCHES. XCEEDS 100 SQUARE INCHES IN EVERY 100 SQUARE FEET OF	STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED 16 IN. OC WITH NOM STEEL STUDS TO BE MIN 3-5/8 IN. WIDE BY 1-3/8 IN. DEEP CHANNELS SPACE
WALL SURFACE.		B. GYPSUM BOARD * NOM 1/2 OR 5/8 IN. THICK, 4 FT. WIDE WITH SQUARE OF THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION S SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY. MAX DIAM OF OPENI
		2. PIPE OR CONDUIT NOM 12 IN. DIAM (OR SMALLER) SCHEDULE 10 (OR HEAV WEIGHT (OR HEAVIER) CAST IRON SOIL PIPE, NOM 12 IN. DIAM (OR SMALLER
		NOM 6 IN. DIAM (OR SMALLER) STEEL CONDUIT, NOM 4 IN. DIAM (OR SMALLI (OR SMALLER) TYPE L OR (OR HEAVIER) COPPER TUBING OR NOM I IN. DIAM PIPE IS USED, MAX F RATING OF FIRESTOP SYSTEM (ITEM 3) IS 2 H. STEEL
		ONLY BE USED IN WALLS CONSTRUCTED USING STEEL CHANNEL STUDS. A MA FIRESTOP SYSTEM. PIPE OR CONDUIT TO BE INSTALLED NEAR CENTER OF ST BOTH SIDES OF WALL ASSEMBLY.
		3. FILL, VOID OR CAVITY MATERIAL * CAULK CAULK FILL MATERIAL INST PIPE OR CONDUIT AND GYPSUM WALLBOARD AND WITH A MIN 1/4 IN. DIAM BE AT ITS EGRESS FROM THE WALL. CAULK INSTALLED SYMMETRICALLY ON BOT THE FIRESTOP SYSTEM IS DEPENDENT UPON THE HOURLY FIRE RATING OF TH IN THE FOLLOWING TABLE. THE HOURLY T RATING OF THE FIRESTOP SYSTEM CONDUIT AND THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT
		MAX PIPE OR ANNULAR SPACE IN. F RATING HR CONDUIT DIAM IN. 1 0 to 3/16 1 or 2
		$\begin{array}{cccccccccccccccccccccccccccccccccccc$

+WHEN COPPER PIPE IS USED, T RATING IS 0 H. 3M CO *BEARING THE UL CLASSIFICATION MARK

ARY



-- CP 25WB+.





	RESPONSIBILITY SC	$\begin{array}{c c} T & L L = LANDLORD \\ G C = GENERAL CONTRACTOR \end{array}$			G C	SCHEDULE $T LL = LANDLORD$ $GC = GENERAL CONTRACTOR$ $T = TENLANT (OWNER)$	
ITEM	N/A EXISTIN FURNISH INSTALL INSTALL INSTALL	T = TENANT / OWNER	ITEM	N/A EXISTIN FURNISF	FURNISH INSTALL	T = TENANT / OWNER	ITEM
1 GENERAL			6 H. V. A. C.				11 NURSE STATION
PERMITTING AND FEES			HVAC PACKAGED ROOF TOP UNITS				SCHEDULED CEILING
BARRICADE (PAINTED) BARRICADE SIGNAGE			SUPPLEMENTAL AC EQUIPMENT RTU SCREENS				INTERIOR PARTITIONS FLOORING & BASE AS SCHEDULED
CLEANING / TRASH REMOVAL / DUMPSTER CONSTRUCTION TELEPHONE / FAX / DIGITAL	CAMERA		HVAC WIRE & CONNECTIONS HVAC EQUIPMENT STRUCTURAL SUPPORT				WALL FINISH AS SCHEDULED FURRING & BLOCKING
TEMPORARY POWER DEMOLITION	CAMERA ••• ••• ••• ••• ••• ••• •••		HVAC CURBS & ROOF FLASHING DUCTWORK			G.C. TO MODIFY & ADAPT EXISTING AS REQUIRED. G.C. TO DEMO EXISTING AS REQ'D.	MILLWORK CLOCK
CONCRETE SLAB - STRIP & CLEAN CONCRETE SLAB - LEVELING			DIFFUSERS & GRILLES TOILET EXHAUST FAN			G.C. TO DEMO EXISTING AS REQ'D.	FURNITURE
CONCRETE FLOOR - PRIME & SEAL CONCRETE CUTTING & PATCHING			THERMOSTATS & CONTROLS HVAC CONTROL WIRING LOW VOLTAGE				SCHEDULED CEILING
FLOOR TRANSITIONS			AIR BALANCING				INTERIOR PARTITIONS FLOORING & BASE AS SCHEDULED
MONUMENT SIGN & BASE STRUCTURE MONUMENT SIGN BASE STONE VENEER			ECONOMIZERS AIR TRANSFER OPENING IN DEMISING WALL				WALL FINISH AS SCHEDULED FURRING & BLOCKING
WAYFINDING SIGNAGE - INTERIOR INTERIOR DOORS			SMOKE DETECTORS FIRE DAMPERS				MILLWORK X-RAY EQUIPMENT
REAR SERVICE DOOR DOOR HARDWARE		G.C. TO REPLACE & UPDATE HARDWARE.	ROOF TOP UNIT HAIL GUARDS 7 R E S T R O O M S		••		APRON RACK SHIELDED OBSERVATION WINDOW
DETEX ALARMS AT EXIT DOORS SHOP DRAWINGS			SCHEDULED CEILING CEILING PLATFORM FRAMING / DECKING				RADIATION SHEILDING
DEMISING WALLS (FRAMING) DEMISING WALLS (GYP. BD.)		G.C. TO FLOAT & SAND AS NEEDED TO PROVIDE A LEV	PARTITIONS WITH WATERPROOF GYP. BD.				13 CENTRAL STORAGE
ROOF LADDER & HATCH		FINISH READY TO RECEIVE WALL FINISHES.	FLOORING & BASE AS SCHEDULED				SCHEDULED CEILING INTERIOR PARTITIONS
2 EXTERIOR			WALL FINISH AS SCHEDULED FURRING & BLOCKING				FLOORING & BASE AS SCHEDULED WALL FINISH AS SCHEDULED
STOREFRONT FRAMING SYSTEM GLAZING (INCLUDING GLASS IN ENTRY DOOI	·RS) ●		COAT HOOK TOILET TISSUE DISPENSER			■ REFER TO DETAIL D1/A7.2	FURRING & BLOCKING MILLWORK & SHELVING
SPANDREL GLAZING UNITS ACCESS PANELS			PAPER TOWEL DISPENSER LIQUID SOAP DISPENSER				MILLWORK & SHELVING CRUTCH RACK
BUILDING SIGNAGE BLOCKING FOR SIGNS		G.C. TO PROVIDE POWER & BLOCKING	MIRROR GRAB BARS				
STOREFRONT DOORS / FRAME / HARDWARE		G.C. TO ADJUST & UPDATE HARDWARE	BABY CHANGING STATION				
NEUTRAL PIERS STOREFRONT BULKHEAD		REFER TO REFLECTED CEILING PLAN	SIGNAGE TOILET ROOM PLUMBING FIXTURES				INTERIOR PARTITIONS
MISC. BRAKE METAL (API) EXTERIOR FINISHES			SANITARY NAPKIN DISPOSAL UNIT			NONE IN COLLECTION TOILET	FLOORING & BASE AS SCHEDULED WALL FINISH AS SCHEDULED
VINYL WINDOW LOGOS			8 LABORATORY SCHEDULED CEILING				FURRING & BLOCKING MILLWORK & SHELVING
3 PLUMBING			INTERIOR PARTITIONS				MOP SINK / FAUCET MOP AND ACCESSORY HOLDER
WATER SERVICE			FLOORING & BASE AS SCHEDULED WALL FINISH AS SCHEDULED				WATER HEATER, PAN & SHELF
INTERIOR DOMESTIC WATER PIPING INTERIOR DOMESTIC WATER SHUT-OFF VALVE		INCLUDING SERVICE TIE-IN LOCATED IN-WALL, BEHIND ACCESS PANEL; 42" AFF.	FURRING & BLOCKING PAPER TOWEL DISPENSER				— 15 WAITING
SANITARY SERVICE INTERIOR SANITARY SEWER PIPING		INCLUDING SERVICE TIE-IN	LIQUID SOAP DISPENSER MILLWORK				SCHEDULED CEILING
PLUMBING VENT LINE ROUGH-IN FOR EQUIPMENT		STUDOR TYPE VENTS NOT ALLOWED.	PLUMBING FIXTURES TOILET ROOM PLUMBING FIXTURES			FLUSH VALVE IN COLLECTION TOILET	INTERIOR PARTITIONS FLOORING & BASE AS SCHEDULED
FINAL CONNECTION FLOOR DRAIN			TOILET SOLENOID WATER VALVE & SWITCH SIGNAGE			COORDINATE POWER & TRANSFORMER REQUIREMENTS.	WALL FINISH AS SCHEDULED FURRING & BLOCKING
ELECTRIC WATER COOLER			TRIPLE COAT HOOK			10" DIAMETER; BRUSHED STAINLESS STEEL FINISH.	MILLWORK VIDEO MONITORS & BRACKETS
WATER HEATER GAS PIPING (RTU)			TRASH GROMMETS 9 EXAM ROOMS / PROCEDURE			I I DIAMETER; BRUSHED STAINLESS STEEL FINISH.	SPECIALITY LIGHTING WATER / COFFEE DISPENSER
FROST-PROOF HOSE BIB			SCHEDULED CEILING INTERIOR PARTITIONS				TRASH GROMMET OPEN SIGN(S) WITH WIRELESS REMOTE(S)
4 FIRE PROTECTION SPRINKLER (MAIN)			FLOORING & BASE AS SCHEDULED WALL FINISH AS SCHEDULED				BRAND IDENTITY SIGN AT RECEPTION WALL
SPRINKLER SYSTEM DESIGN / MODIFICATION SPRINKLER HEADS & BRANCH LINES			FURRING & BLOCKING PAPER TOWEL DISPENSER				16 UTILITIES ELECTRICAL SERVICE
FIRE EXTINGUISHERS & CABINETS			LIQUID SOAP DISPENSER MILLWORK				PHONE / INTERNET PATHWAY
			PLUMBING FIXTURES				WATER & SEWAGE GAS
5 ELECTRICAL ELECTRICAL SERVICE			EXAM CHAIR EXAM TABLE			 ● ●	ELECTRICAL SERVICE / CONDUIT / TRANSFORMER ELECTRICAL ACCOUNT / METER
MAIN SERVICE CONDUITS TO SPACE SERVICE WIRING TO SPACE		G.C. TO MODIFY AS REQUIRED. G.C. TO MODIFY AS REQUIRED.	HAND SANITIZER SHARPS CONTAINER			 NO BLOCKING REQUIRED NO BLOCKING REQUIRED 	PHONE/ INTERNET ACCOUNT SETUP
MAIN DISCONNECT SWITCH SWITCH AT ELECTRICAL ROOM			GLOVE RACK OTOSCOPE			 NO BLOCKING REQUIRED G.C. TO PROVIDE POWER & COORDINATE INSTALLATION 	17 INTERNAL MERCHANDISI
FUSES AT ELECTRICAL ROOM CIRCUIT BREAKERS			TRASH CONTAINER SINGLE COAT HOOK			REFER TO DETAIL D1/A7.2	RETAIL FRAMES ACRYLIC DOOR WELCOME / THANKS
ELECTRICAL PANELS		G.C. TO UPGRADE EXISTING AS NEEDED.	SIGNAGE VIDEO MONITOR & BRACKET			 G.C. TO PROVIDE POWER, SIGNAL & BLOCKING 	DOOR NO SMOKING SIGN DOOR WINDOW VINYL LOGO / HOURS
METER			TRASH GROMMETS			10" DIAMETER; BRUSHED STAINLESS STEEL FINISH.	COUNTER RACK CARDS COUNTER MAT
METER SOCKET			10 STAFF LOUNGE				CLINICIAN ON DUTY
METER SOCKET WIRING TROUGH TRANSFORMER			SCHEDULED CEILING				COMPLIANCE MMD / BUS LIC 16x20 SNAP TENAT COMPLIANCE 18x24 SNAP
METER SOCKET WIRING TROUGH		PROVIDE MANUAL DIAL-TYPE TIMECLOCKS	INTERIOR PARTITIONS				LOBBY POSTERS 22x24 SNAP
METER SOCKET WIRING TROUGH TRANSFORMER TIME CLOCK - SIGNS		PROVIDE MANUAL DIAL-TYPE TIMECLOCKS	INTERIOR PARTITIONS FLOORING & BASE AS SCHEDULED WALL FINISH AS SCHEDULED				DIGITAL TV
METER SOCKET WIRING TROUGH TRANSFORMER TIME CLOCK - SIGNS CONTACTORS ELECTRICAL EQUIPMENT ROUGH-IN ELECTRICAL EQUIPMENT FINISH LIGHT FIXTURES		PROVIDE MANUAL DIAL-TYPE TIMECLOCKS	FLOORING & BASE AS SCHEDULED WALL FINISH AS SCHEDULED FURRING & BLOCKING				EYE CHART X-RAY RT LICENSE COMPLIANCE 22x28 SNAP
METER SOCKET WIRING TROUGH TRANSFORMER TIME CLOCK - SIGNS CONTACTORS ELECTRICAL EQUIPMENT ROUGH-IN ELECTRICAL EQUIPMENT FINISH LIGHT FIXTURES EMERGENCY LIGHT FIXTURES EXIT LIGHTING / EXIT SIGNAGE		PROVIDE MANUAL DIAL-TYPE TIMECLOCKS	FLOORING & BASE AS SCHEDULED WALL FINISH AS SCHEDULED FURRING & BLOCKING PAPER TOWEL DISPENSER LIQUID SOAP DISPENSER				EYE CHART
METER SOCKET WIRING TROUGH TRANSFORMER TIME CLOCK - SIGNS CONTACTORS ELECTRICAL EQUIPMENT ROUGH-IN ELECTRICAL EQUIPMENT FINISH LIGHT FIXTURES EMERGENCY LIGHT FIXTURES EXIT LIGHTING / EXIT SIGNAGE ELECTRICAL OUTLETS SECURITY ALARM		PROVIDE MANUAL DIAL-TYPE TIMECLOCKS	FLOORING & BASE AS SCHEDULED WALL FINISH AS SCHEDULED FURRING & BLOCKING PAPER TOWEL DISPENSER LIQUID SOAP DISPENSER MILLWORK PLUMBING FIXTURES				EYE CHART X-RAY RT LICENSE COMPLIANCE 22x28 SNAP X-RAY COMPLIANCE MACHINE X-RAY PREGNANT (EXT & INT) LAB COMPLIANCE 16x20 SNAP
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METER SOCKET WIRING TROUGH TRANSFORMER TIME CLOCK - SIGNS CONTACTORS ELECTRICAL EQUIPMENT ROUGH-IN ELECTRICAL EQUIPMENT FINISH LIGHT FIXTURES EMERGENCY LIGHT FIXTURES EXIT LIGHTING / EXIT SIGNAGE ELECTRICAL OUTLETS SECURITY ALARM VOICE / DATA JUNCTION BOXES VOICE / DATA CABLING (LOW-VOLTAGE) VOICE / DATA CONDUIT			FLOORING & BASE AS SCHEDULED WALL FINISH AS SCHEDULED FURRING & BLOCKING PAPER TOWEL DISPENSER LIQUID SOAP DISPENSER MILLWORK PLUMBING FIXTURES WHITE BOARD CORK BOARD LOCKERS				EYE CHART X-RAY RT LICENSE COMPLIANCE 22x28 SNAP X-RAY COMPLIANCE MACHINE X-RAY PREGNANT (EXT & INT) LAB COMPLIANCE 16x20 SNAP NO SMOKING - PROCEDURE ROOM ACRYLIC FIRE EXIT SIGN HOLDER BACK / HALLWAY POSTERS 22x28 SNAP
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	N/A	EXISTING	FURNISHED	INSTALLED	FURNISHED			INSTALLED	L L = LANDLORD G C = GENERAL CONTRACTOR T = TENANT / OWNER R E M A R K S
							•		
									PER X-RAY VENDOR BLOCKING PLAN G.C. TO PROVIDE POWER, SIGNAL & BLOCKING G.C. TO PROVIDE BLOCKING G.C. TO VERIFY REQUIREMENTS WITH PHYSICIST REPORT.
									WHITE MELAMINE 2 REQUIRED. IDEAL PRODUCTS RR31. PROVIDE BLOCKING.
									WHITE MELAMINE
									G.C. TO PROVIDE POWER, SIGNAL & BLOCKING G.C. TO PROVIDE POWER & WATER 10" DIAMETER; BRUSHED STAINLESS STEEL FINISH. MYSTIGLO AE-01-RM. PROVIDE SWITCHED OUTLET.
2		•				•	•		G.C. TO PROVIDE 2" CONDUIT WITH PULLSTRING FROM I.T. CLOSET TO BUILDING'S TELCO DEMARC.
N G									
						•	• • •		

Aound - TX nie@glotta U ш + R E N E X N N $\boldsymbol{\gamma}$ Э лΟ $\Box \diamond$ 2232 214-7 © Renee 102 Care **NSTRUCTION DOCUMENTS** Lee Vista Boulevard, Suite 1 Orlando, Florida 32801 Urgent reSpot _ee Vista Orlando, CON σ 8132 C No. Date Item REVISIONS 1821 - A 021 RESPONSIBILITY.DWG RESPONSIBILITY SHEDULE Project No. 1821 10 / 29 / 2018 Date Last Revision

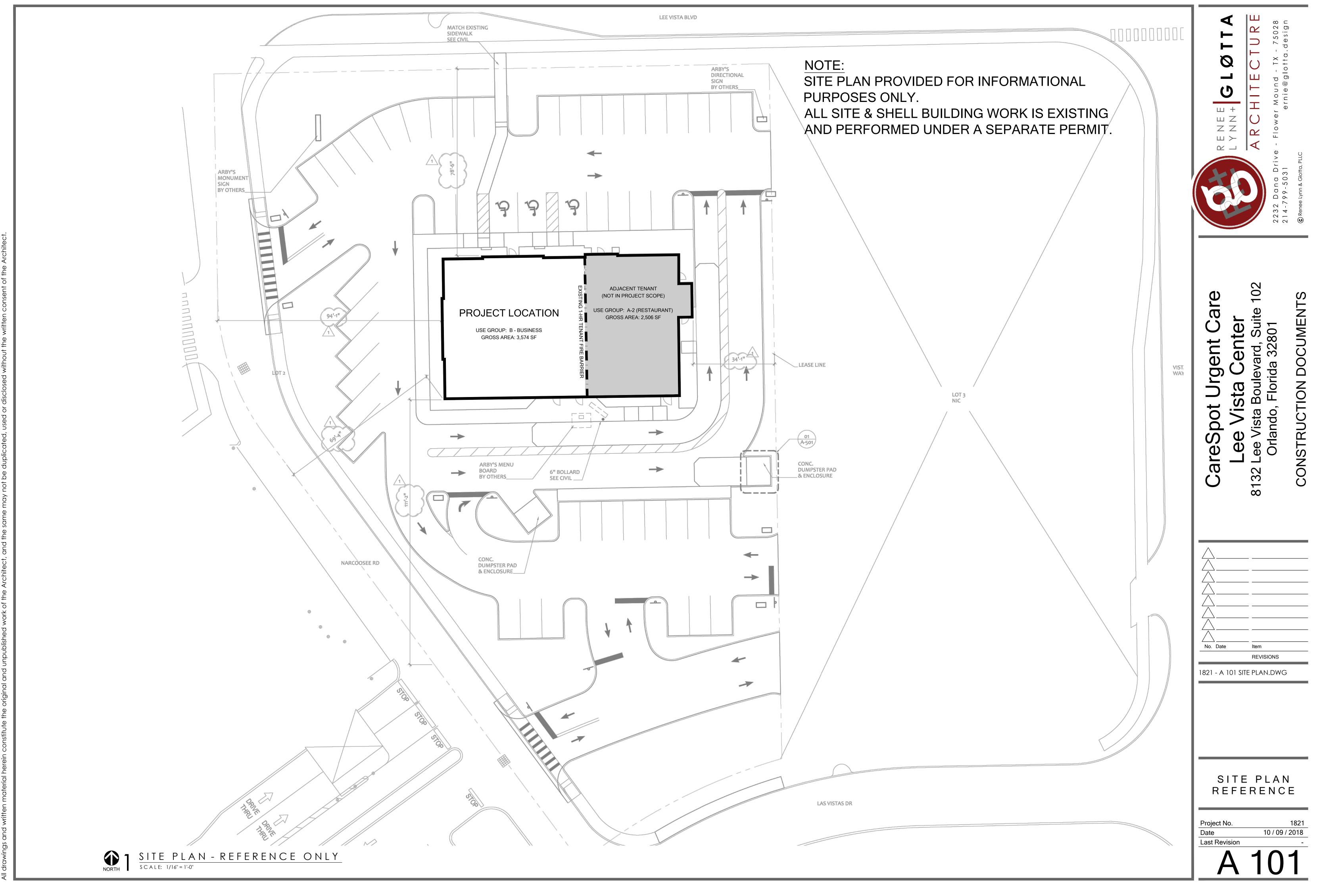
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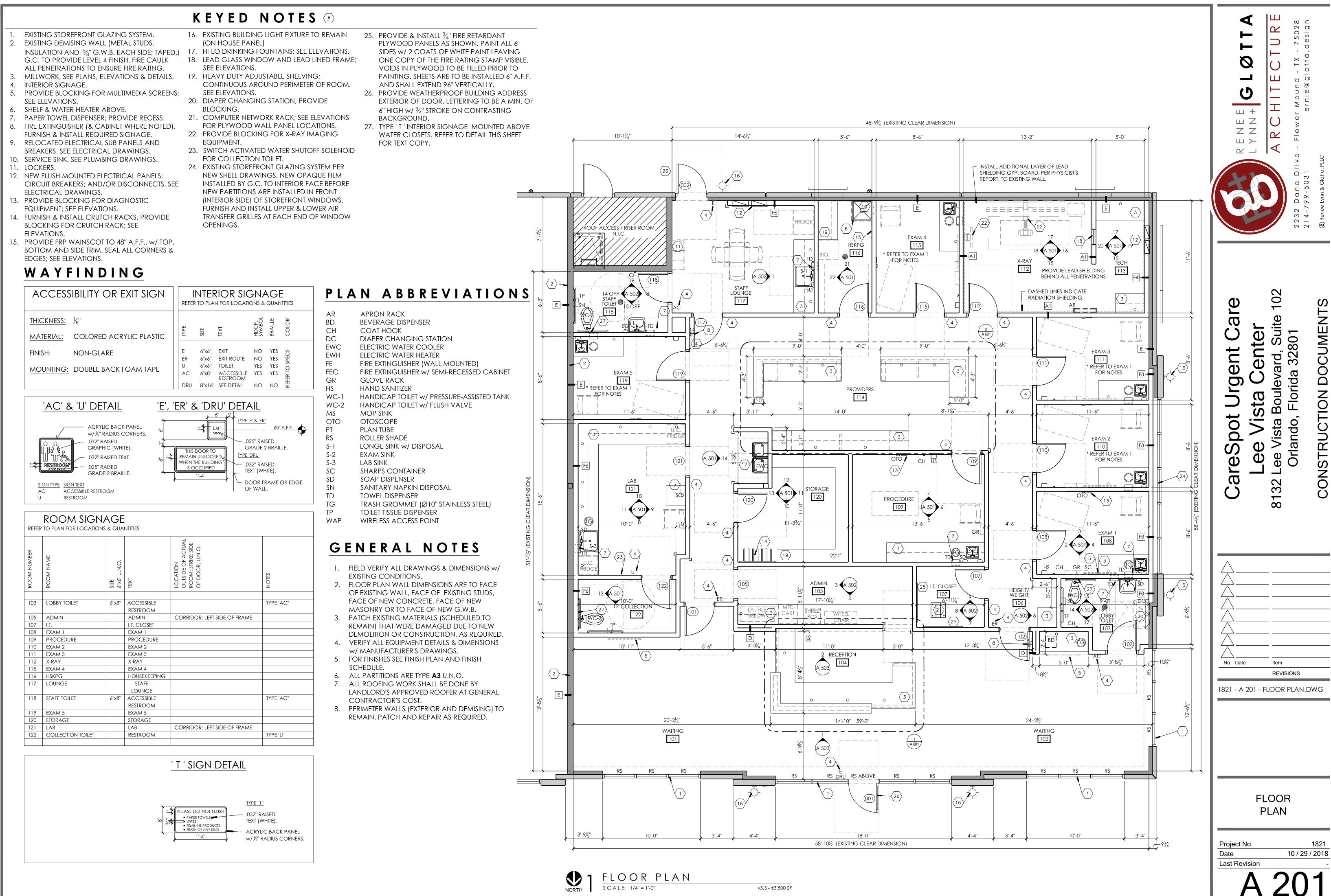
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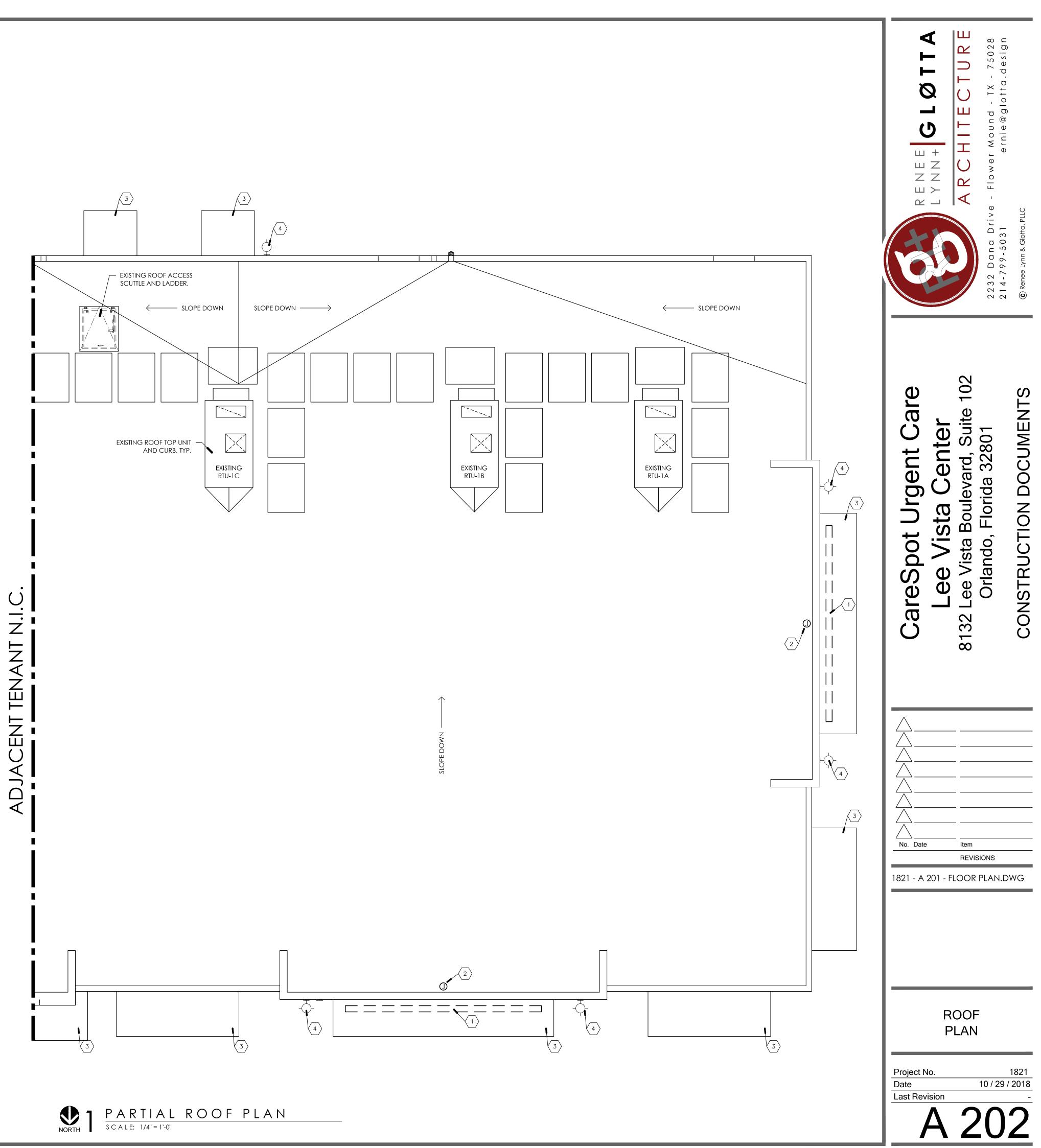


GENERAL NOTES

- 1. FIELD VERIFY ALL DRAWINGS & DIMENSIONS w/ EXISTING CONDITIONS.
- 2. PATCH EXISTING MATERIALS (SCHEDULED TO REMAIN) THAT WERE DAMAGED DUE TO NEW DEMOLITION OR CONSTRUCTION. 3. ALL ROOFING WORK SHALL BE DONE BY LANDLORD'S APPROVED
- ROOFER AT GENERAL CONTRACTOR'S COST. 4. REFER TO M-E-P DRAWINGS FOR LOCATIONS OF EXHAUST FAN,
- PLUMBING STACK AND ELECTRICAL ROOF PENETRATIONS.

KEYED NOTES (#)

- 1. TENANT SIGNAGE BY SIGN CONTRACTOR NOT IN PROJECT SCOPE.
- 2. WEATHER-PROOF J-BOX MOUNTED TO BACK SIDE OF PARAPET WALL. CIRCUIT BACK TO PANEL BOARD; COORDINATE SIZES, LOCATION AND POWER REQ'TS w/ SIGN CONTRACTOR. G.C. TO COORDINATE AND ENGAGE LANDLORD'S ROOFING CONTRACTOR FOR ALL ROOF PENETRATION WORK.
- 3. EXISTING PRE-ENGINEERED METAL CANOPY BELOW
- 4. EXISTING SHELL BUILDING LIGHT FIXTURE BELOW; WIRED TO HOUSE PANEL.





CEILING PLAN NOTES

- 1. ALL CEILINGS TO BE ACT-1 UNLESS NOTED OTHERWISE. 2. WHERE SUSPENDED CEILING PANELS TERMINATE AT WALLS SEE 4 / A2.2.
- 3. CENTER CEILING GRID IN ROOM UNLESS NOTED OTHERWISE. 4. "NITE " DENOTES CONSTANT HOT NIGHT LIGHT LOCATIONS.
- 5. ALL LIGHTING SHALL RECEIVE ENERGY COMPLIANT SWITCHING.
- CEILING HEIGHTS 9'-0" U.N.O.
- 7. SYMBOL ((SP)) DENOTES SPEECH PRIVACY DEVICE LOCATIONS. CENTER ALL DEVICES IN CEILING TILE, TYP. 8. NOTIFY THE ARCHITECT OF ANY CONFLICTS OF LIGHT FIXTURE LOCATION WITH MAIN TEES,
- DUCTS, STRUCTURE, HVAC, CONDUIT, PIPES, ETC. 9. ALL DEVICES AND COVER PLATES TO BE WHITE, U.N.O.
- BE GANGED UNDER ONE COVER PLATE. 11. PROVIDE LIGHTING CONTROLS TO CONFORM TO ENERGY CODE (IECC).
- 12. PROVIDE EXIT SIGNS AND EMERGENCY LIGHTING AS REQUIRED BY CODE. 13. ACCESS PANELS IN GYP. BD. CEILINGS ARE TO BE AVOIDED AND ARE UNACCEPTABLE WITHOUT ARCHITECT'S APPROVAL.
- 14. PROVIDE FIRESTOPPING / DRAFTSTOPPING AS REQUIRED BY CODE. 15. USE ONLY 12 ga. GALVANIZED STEEL WIRE FOR ALL SUSPENDED CEILING SYSTEMS @ 48" o.c. MAX., WRAP 3 FULL TIMES.
- 16. VERIFY EXACT LOCATIONS OF ALL PENDANT, ACCENT AND SPECIALITY LIGHTS w/ TEANT REPRESENTATIVE PRIOR TO INSTALLATION.
- 17. ALL RETURN & SUPPLY AIR GRILLES SET IN GYP. BD. TO BE PAINTED TO MATCH. 18. LOCATE ALL LIGHTS, DIFFUSERS, DEVICES AND OTHER PENETRATIONS CENTERED IN CEILING TILES, U.N.O.

SPRINKLER NOTES

RUN ALL SPRINKLER LINES WITHIN JOIST SPACES.

SPRINKLER SUB-CONTRACTOR TO AVOID ALL CONFLICTS WITH ELECTRICAL, MECHANICAL, PLUMBING AND STRUCTURAL. COORDINATE WITH ALL TRADES PRIOR TO INSTALLATION.

ALL HEADS NOT LOCATED IN THE STOCK ROOM SHALL BE THAT OF THE RECESSED WHITE TYPE, U.N.O.

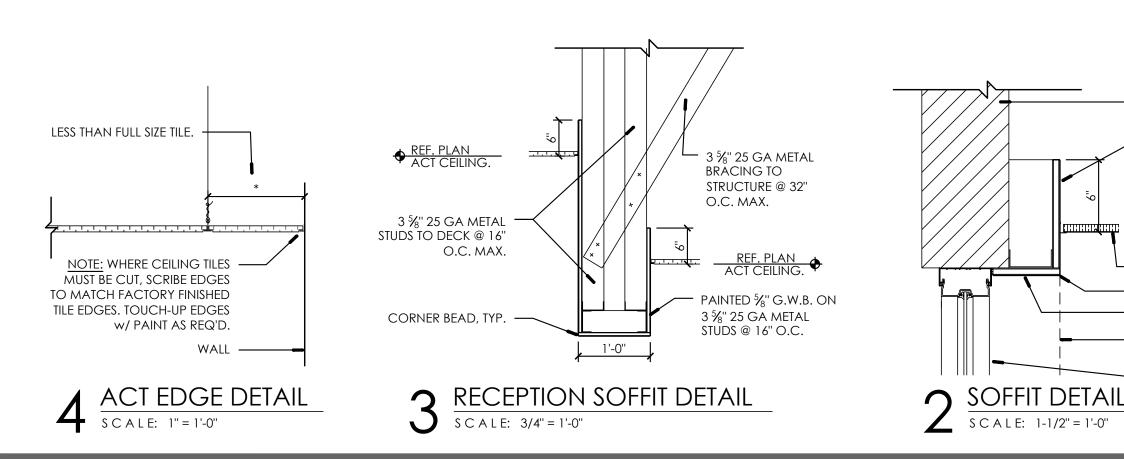
ALL HEADS IN HARD CEILINGS (i.e. GYP. BOARD) TO BE RECESSED WITH COVERS PAINTED TO MATCH ADJACENT FINISHES.

CENTER ALL HEADS ON 24"x24" SECTION OF LAY-IN CEILING TILES.

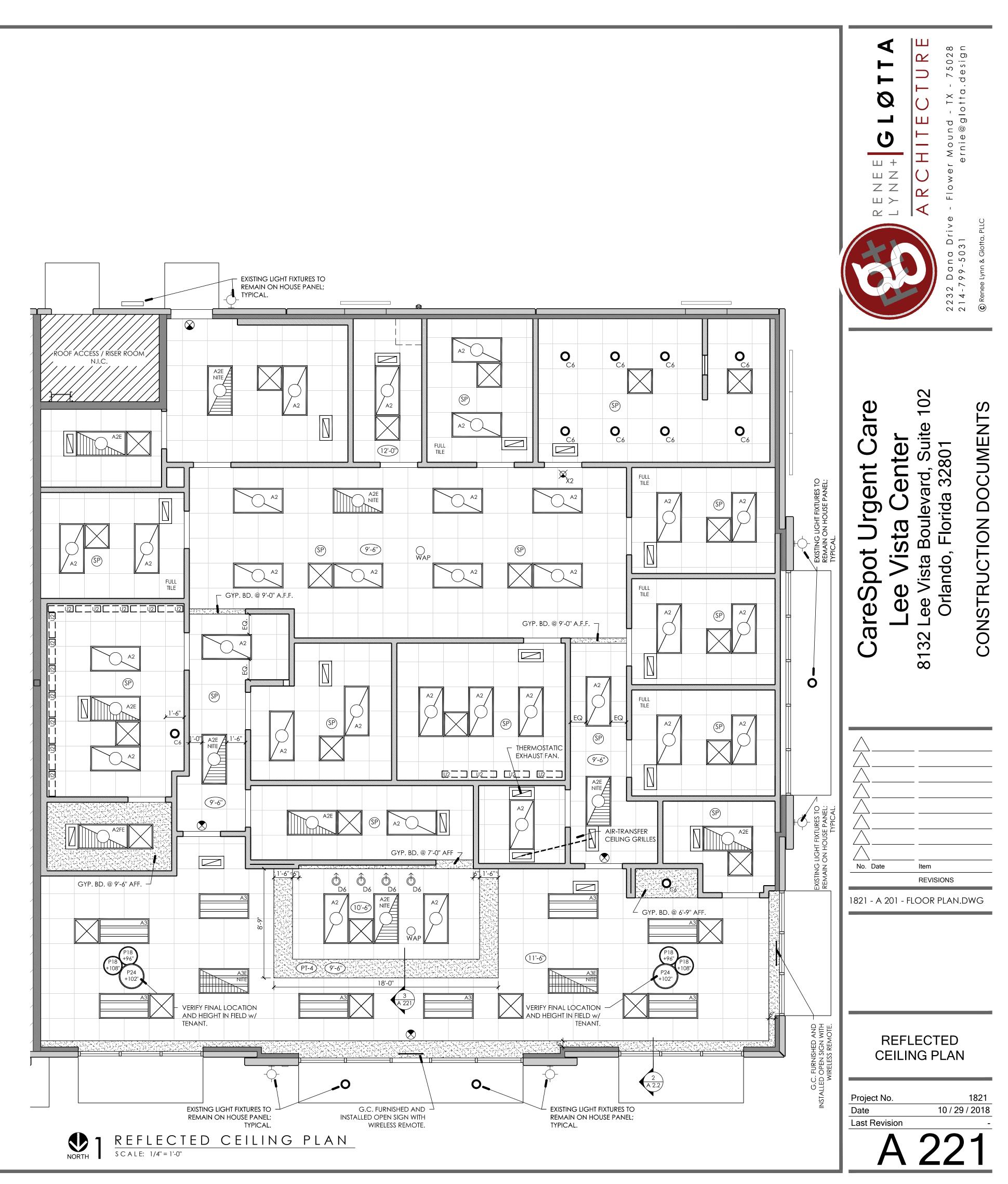
LIGHTING NOTES

- 1. REFER TO ELECTRICAL FOR LUMINAIRE SCHEDULE. 2. PROVIDE A SUBMITTAL PACKAGE INCLUDING CUTSHEETS FOR EACH FIXTURE.
- 3. PROVIDE ALL ACCESSORIES FOR A COMPLETE ASSEMBLY INCLUDING MOUNTING HARDWARE.
- 4. THE MOUNTING TYPE OF EACH FIXTURE SHALL BE COMPATIBLE WITH INSTALLATION SURFACE OF EACH FIXTURE. 5. ALL FINISHES SHALL BE COORDINATED WITH ARCHITECT AND DOCUMENTED ON
- SUBMITTALS. 6. ALL FLUORESCENT LAMPS SHALL BE 3500L NON-MERCURY TYPE.
- 7. PROVIDE COLD WEATHER RATED BALLAST FOR OUTDOOR APPLICATIONS.

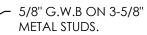


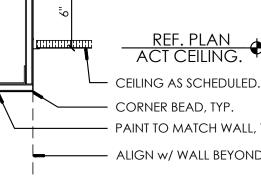


10. WHERE MORE THAN ONE SWITCH OCCURS IN A SINGLE LOCATION, ALL SWITCHES ARE TO









CORNER BEAD, TYP. PAINT TO MATCH WALL, TYP. - ALIGN W/ WALL BEYOND.

REF. PLAN ACT CEILING.

- EXISTING STOREFRONT

POWER & DATA NOTES 1. SYMBOL (A) DENOTES LOCATIONS OF VIDEO MONITORS. REFER TO

- SHEET A 8.1 FOR SETUP DETAILS.
- 2. SYMBOL ((TS)) DENOTES LOCATION OF WATER LINE SOLENOID FOR COLLECTION TOILET. INSTALL SOLENOID ABOVE CEILING, ACCESSIBLE FROM THE LAB SIDE. SOLENOID CONTROLLED BY RED SWITCH LOCATED IN THE LAB.
- 3. ALL OUTLETS AND DATA INSTALLED AT 18" A.F.F., UNLESS NOTED
- OTHERWISE. 4. ALL DEVICES AND COVER PLATES TO BE WHITE, UNLESS NOTED
- OTHERWISE.
- 5. REFER TO INTERIOR ELEVATIONS FOR DIMENSIONS FOR POWER AND DATA DEVICES.

X-RAY GENERAL NOTES

1. VERIFY REQUIREMENTS WITH TENANT SUPPLIED X-RAY EQUIPMENT SHOP DRAWINGS. 2. WOOD BLOCKING FOR X-RAY EQUIPMENT TO BE A MINIMUM OF $\frac{1}{2}$ " THICK SECURED TO A MINIMUM OF THREE (3) STUDS w/ THE FACE OF BLOCKING FLUSH w/ LINE OF STUDS. 3. VERIFY SHIELDING REQUIREMENTS W/ TENANT SUPPLIED PHYSICIST'S REPORT PRIOR TO INSTALLING LEAD LINING IN WALLS.

X-RAY ELECTRICALKEY NOTES

- BREAKER ENCLOSURE FLUSH-MOUNTED AT 44" AFF. 208V-240VAC, THREE PHASE / SHUNT TRIP TYPE BASED ON SPECS BELOW. FURNISH AND INSTALL EMERGENCY OFF SWITCH (EOS) IN GENERAL AREA OF CONTROL ROOM AS SHOWN. PROVIDE 6' SEALTIGHT CONDUIT WITH 18" PIGTAIL ON GENERATOR SIDE. RUN FROM (JB5) TO REAR OF GEN. CABINET, USING TWO (2) 90 DEGREE ELBOWS. REFER TO SCHEMATIC FOR MORE DETAILS.
- (A) FLUSH-MOUNTED AT 44" AFF, BREAKER ENCLOSURE TO INCLUDE TWO (2) 120VAC/20A BREAKERS/DISCONNECTS FOR SUPPLY TO DESIGNATIONS: (JB5) AND (JB3), LEAVE 6FT PIGTAIL AT JUNCTION BOXES. ELECTRICIAN TO DETERMINE BEST METHOD OF RUN ACCORDING TO LOCAL CODES.
- (JBI) 8"x8" JUNCTION BOX, MOUNTED FLUSH WITH WALL 18" AFF. INSTALL 2" CHASE NIPPLE IN THE CENTER OF COVER.
- (JB2) 6"x6" JUNCTION BOX, MOUNTED FLUSH WITH WALL 48" AFF. INSTALL 2" CHASE NIPPLE IN THE CENTER OF COVER.
- (JB3) 8"x8" FLOOR MOUNTED RECESSED JUNCTION BOX. INSTALL 2" CHASE NIPPLE IN THE CENTER OF COVER.
- (JB5) 8"x8"x4" JUNCTION BOX, MOUNTED FLUSH WITH WALL 18" AFF. PROVIDE A 3"x8" GROMMETED OPENING IN THE COVFR
- (C1) 2" CONDUIT FROM (JB1) TO (JB4) W/ PULL STRING.
- (C2) 2" CONDUIT FROM (JB2) TO (JB4) w/ PULL STRING.
- (C3) 2" CONDUIT UNDER FLOOR, RUN FROM BOTTOM OF (JB4) TO (JB3)
- (C4) 2" CONDUIT FROM (A) TO (JB4) w/ PULL STRING.
- (C5) NOT USED.
- (C6) $\frac{3}{4}$ CONDUIT w/ CONDUCTORS FROM (EOS) TO (A)
- (C7) CONDUIT w/ CONDUCTORS FROM (A1) TO (JB5); SIZED PER CODE.
- (C8) CONDUIT w/ CONDUCTORS FROM (A1) TO (JB4); SIZED PER CODE.
- (WL) X-RAY IN USE LIGHT, CONNECT TO RED SWITCH LOCATED INSIDE OF X-RAY ROOM.
- EMERGENCY OFF SWITCH (SHUNT TRIP TYPE) TO BE CONNECTED TO (A) MOUNTED 48" AFF.

Typical 3	Typical 32kw X-Ray Equipment Power Line Requirements														
Line Voltage	Dist. Transfmr.	Wire Size - Distance from Distribution Transformer to Breaker Panel "A" Breaker Size Wire Size "A" to "JB5" Max. Li Impeda													
Three Phase		50'	100'	200'											
208-240 VAC	45kVa	#2	#00	250MCM	100A	#4	0.09	Ç							
400 VAC	45kVa	#6	#4	#1	100A	#6	0.27	ç							
240 VAC	45kVa #9 #6 #3 100A #6 0.40														

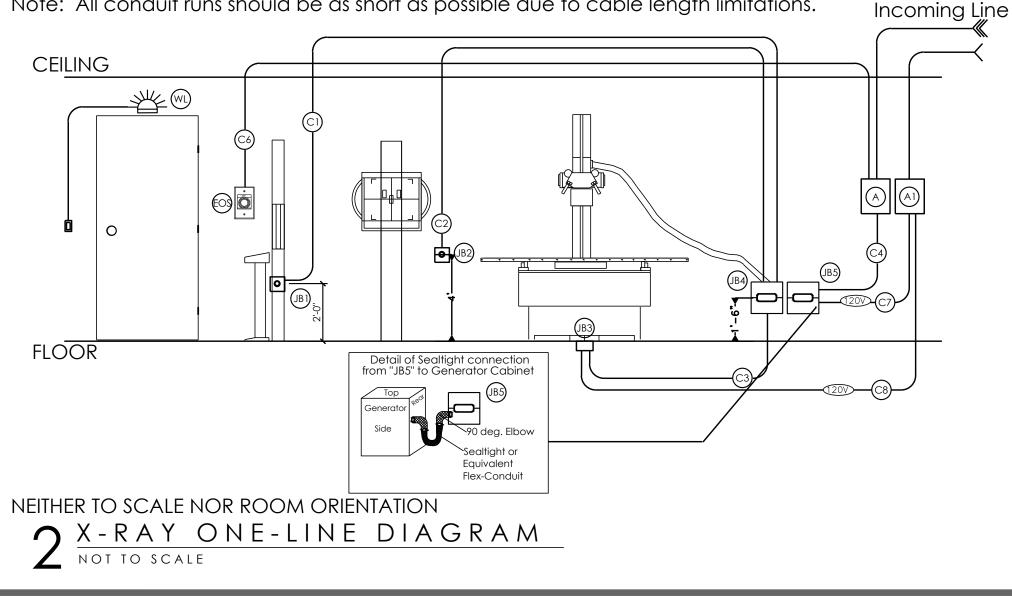
Electrical Contractor to supply appropriate size conductors and Gnd in appropriate size conduit from "A" Breaker Panel to "JB5" leave 8' pigtail on "JB5" side.

Note: Wire must be made of stranded flexible copper.

Grounding: Insulated grounding must conform with current requirements for electrically susceptible patient areas. See Article 517, National Electrical Code.

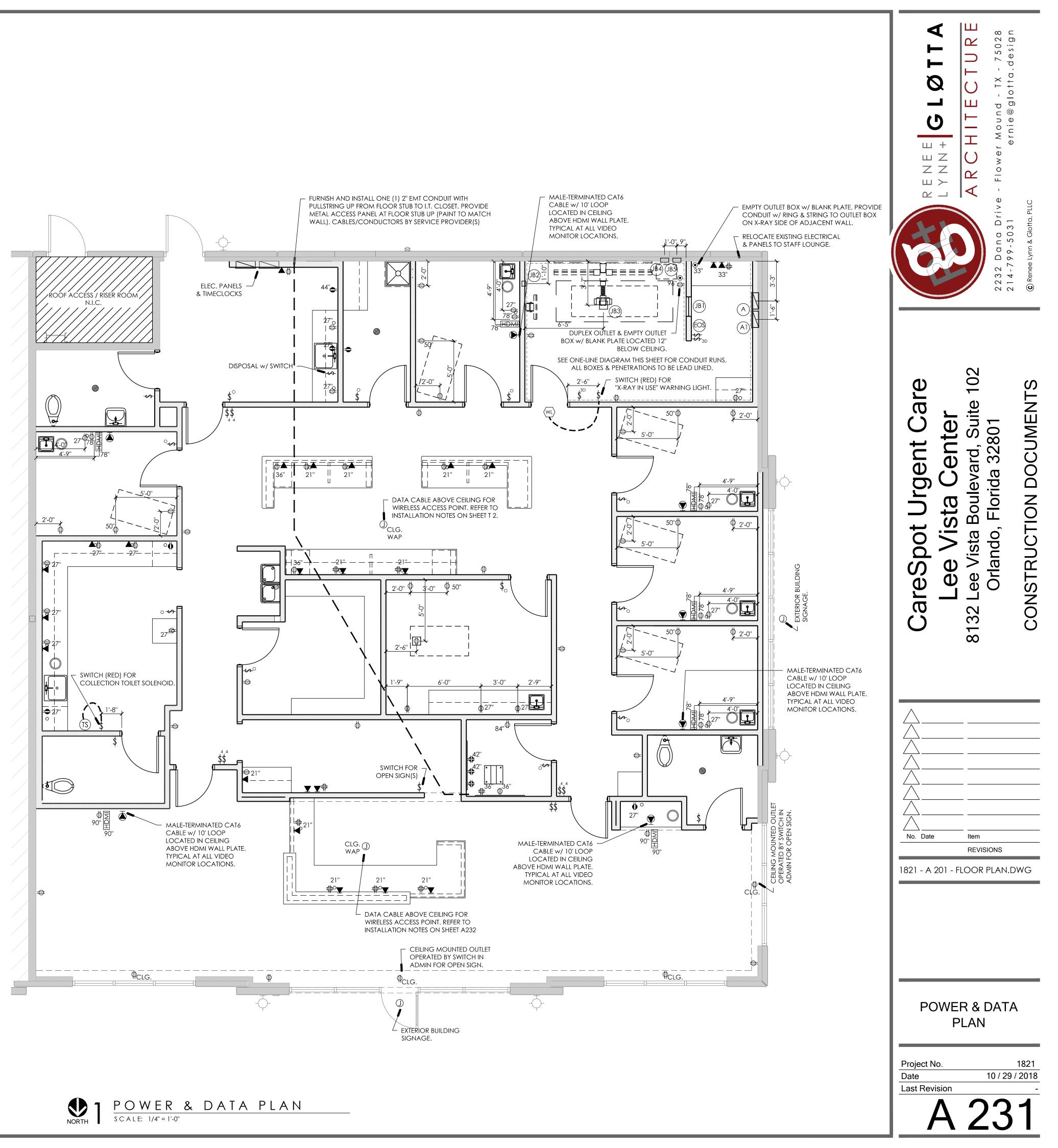
The Disconnect Switch should be a Shunt Trip type and the Emergency Shut-Off Switch should be placed in the Operator Control Area.

Maximum line regulation for maximum kVA demand: 5% under load



Note: All conduit runs should be as short as possible due to cable length limitations.

(JB4) 8"x8"x4" JUNCTION BOX, MOUNTED FLUSH WITH WALL 18" AFF. PROVIDE A 3"x8" GROMMETED OPENING IN THE





WIRELESS ACCESS POINT INSTALLATION

GENERAL NOTES

- REFER TO SHEETS A 2.2 & A 2.3 FOR THE LOCATION OF THE WIRELESS ACCESS POINTS (WAPS).
- INSTRUCTIONS PROVIDED ON THIS SHEET ARE TO BE CONSIDERED ONLY AS A SUMMARY OF THE INSTALLATION DETAILS PROVIDED WITH EVERY WIRELESS ACCESS POINT. GENERAL CONTRACTOR TO USE THESE INSTRUCTIONS AS A GENERAL GUIDE AND IS DIRECTED TO REFER TO THE CISCO INSTALLATION MANUAL FOR ALL FINAL INSTALLATION PRACTICES AND PROCEDURES.
- ALL CATEGORIZED CABLING TO WAPS ARE TO BE CONSIDERED DATA CABLES. ALL CABLES TO BE
- INSTALLED AND TESTED PER ANSI/TIA 568 STANDARDS; LABEL PER ANSI/TIA-606. WIRELESS ACCESS POINTS UTILIZE POWER OVER ETHERNET (POE); ELECTRICAL OUTLET ARE NOT REQUIRED.

AT WIRELESS ACCESS POINT

- AT NOTED LOCATIONS, INSTALL DUAL GANG BACK BOX AND 2-PORT FACEPLATE IN PLENUM. IN EACH FACEPLATE, INSTALL ONE (1) CAT6 8P8C CONNECTOR. TO EACH CONNECTOR, TERMINATE ONE (1) CAT6 CABLE; CABLES TO TERMINATE IN RACK-MOUNTED PATCH PANEL LOCATED IN TELECOMMUNICATIONS ROOM (TR). PROVIDE 15' SERVICE LOOP AT THE WAP END TO ALLOW FOR FUTURE LOCATION ADJUSTMENTS. PROVIDE STANDARD SERVICE LOOP AT TELECOMMUNICATION ROOM. TEST AND LABEL ALL CABLES. FILL UNUSED POSITIONS OF FACEPLATES WITH BLANKS.
- 2. EACH WAP WILL REQUIRE A MOUNTING BRACKET; GENERAL CONTRACTOR TO FURNISH AND INSTALL THE AIR-AP-BRACKET-1 WHICH WILL PROVIDE A TIGHT FIT TO THE DROP CEILING. 3. EACH MOUNTING BRACKET WILL REQUIRE CEILING GRID CLIPS; THE SELECTION OF THE TYPE OF CLIP IS BASED UPON THE FOLLOWING:
- AIR-AP-T-RAIL-R: IF THE CEILING TILES HANG BELOW THE GRID. 3.1.
- AIR-AP-T-RAIL-F: IF THE CEILING TILES ARE FLUSH WITH THE GRID. 3.2. 4. INSTALL APPROPRIATE GRID CLIPS TO MOUNTING BRACKET.
- OPEN THE CEILING GRID CLIP COMPLETELY.
- PLACE THE CEILING GRID CLIP OVER THE T-RAIL AND CLOSE IT TO THE APPROPRIATE DETENT (A, B OR C). USE A SCREWDRIVER TO TIGHTEN THE TWO CEILING GRID CLIP LOCKING SCREWS TO PREVENT THE CLIP
- FROM SLIDING ALONG THE T-RAIL. OBSERVE THE CEILING GRID CLIP WIDTH DETENT LETTER (A, B OR C) THAT CORRESPOND TO THE T-CLIP
- WIDTH. ALIGN THE CORRESPONDING HOLES (A, B OR C) ON THE MOUNTING BRACKET OVER THE MOUNTING
- HOLES ON THE CEILING GRID CLIP. 10. HOLD THE MOUNTING BRACKET AND INSERT A 6-32 x 2/4" screw into each of the four
- CORRESPONDING HOLES (A, B OR C). 11. DRILL OR CUT A CABLE EGRESS HOLE IN THE CEILING TILE LARGE ENOUGH FOR THE ETHERNET, GROUNDING AND POWER CABLES (IF REQUIRED) TO PASS THROUGH. PULL APPROXIMATELY 12" OF THE CABLES THROUGH THE ACCESS HOLE.
- 12. USE THE GROUND SCREW TO CONNECT A #14 AWG GROUND WIRE BETWEEN THE WAP AND THE TELECOMMUNICATIONS BOUNDING BACKBONE. SOLDER OR CRIMP A GROUNDING O-RING LUG TO GROUND WIRE. INSERT THE GROUNDING POST SCREW INTO THE O-RING AND INSTALL IT ON THE MOUNTING BRACKET WITH A SCREWDRIVER. INSTALLATION ASSUMES A CIRCUIT LENGTH OF 25'; ADJUST WIRE GAUGE AS REQUIRED BASED ON INSTALLATION.
- 13. CONNECT THE CAT6 ETHERNET CABLE (AND POWER CABLE, IF REQUIRED) TO THE WIRELESS ACCESS POINT. 14. ALIGN THE WIRELESS ACCESS POINT FEET OVER THE KEYHOLE AMOUNTING SLOTS ON THE MOUNTING BRACKET. MAKE SURE THE WIRELESS ACCESS POINT IS POSITIONED SO THAT THE CABLES REACH THEIR RESPECTIVE PORTS.
- 15. GENTLY SLIDE THE WIRELESS ACCESS POINT ONTO THE MOUNTING BRACKET UNTIL IT CLICKS INTO PLACE. FURNISH AND INSTALL A KENSINGTON NOTEBOOK MICROSAVER, MODEL 64068, ON EACH WIRELESS ACCESS POINT: LOOP CABLE AROUND A NEARBY IMMOVABLE OBJECT IN PLENUM. PASS THE SECURITY LATCH THROUGH THE CABLE LOOP AND INSERT INTO THE SECURITY SLOT ON THE WIRELESS ACCESS POINT. LOCK THE LATCH AND PROVIDE THE KEY TO THE CLIENT.

AT THE TELECOMMUNICATIONS ROOM (TR):

- TERMINATE CAT6 CABLE FROM EACH WAP ON A CAT6 RATED 8P8C CONNECTOR MOUNTED IN RACK-MOUNTED PATCH PANEL - - TREAT CABLE AS NORMAL DATA CABLE.
- LABEL AND TEST ALL CABLES; IDENTIFY EXACT LOCATIONS OF WAPS ON AS-BUILT DRAWINGS.

I.T. CLOSET SCHEMATIC KEYED NOTES (#)

- PAINTING.

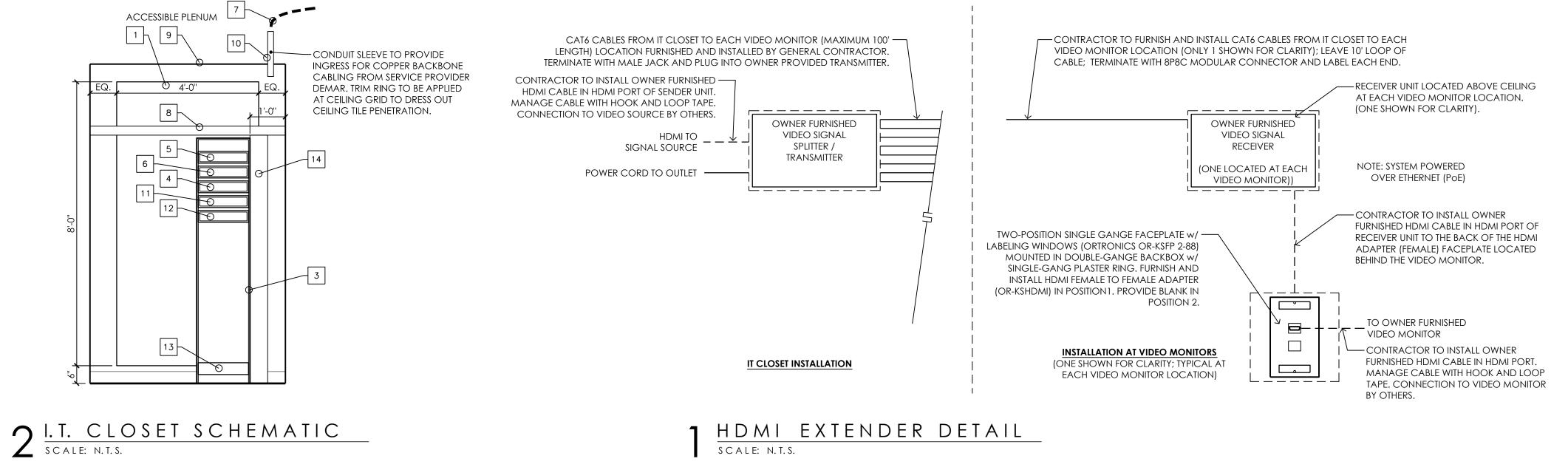
- PROVIDE 1RU HORIZONTAL CABLE MANAGEMENT w/ COVER, MODEL ORTRONICS OR-808000010 OR

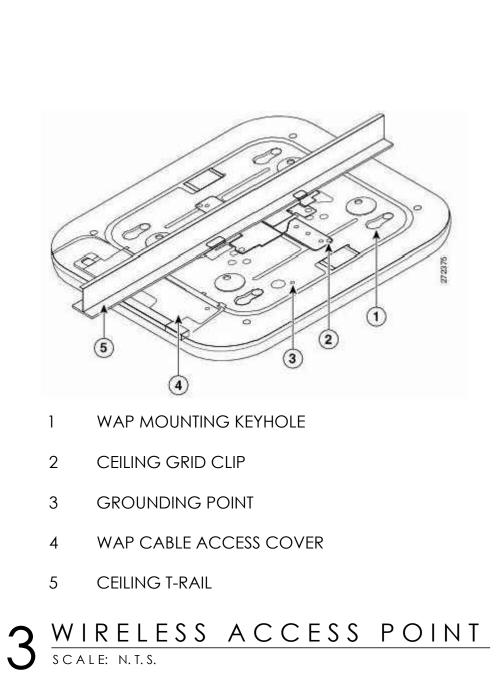
- TO BE USED TO CROSS CONNECT PET TO 110-BLOCK.

- DEMARC (KEY NOTE 7).
- 11. OWNER PROVIDED AND INSTALLED 48-PORT ETHERNET SWITCH. 12. OWNER PROVIDED AND INSTALLED NETWORK ROUTER.
- 13. OWNER PROVIDED APC UPS UNIT. UNIT INSTALLED IN BASE OF EQUIPMENT.

I.T. CLOSET SCHEMATIC NOTES

- FROM FLOOR.
- 48" A.F.F. IMPLEMENTATION.





PROVIDE & INSTALL ³/₄" AC RATED FIRE RETARDANT PLYWOOD SHEETS TO WALLS OF I.T. CLOSET AS INDICATED. PAINT ALL 6 SIDES OF EACH SHEET WITH 2 COATS OF WHITE PAINT LEAVING ONE COPY OF THE FIRE RATING STAMP UNPAINTED & VISIBLE FOR EACH SHEET INSTALLED. VOIDS IN PLYWOOD SHALL BE FILLED PRIOR TO

PROVIDE DEDICATED 30AMP ELECTRICAL CIRCUIT TO BE UTILIZED BY UPS UNIT. COORDINATE OUTLET PLUG FORMAT, VOLTAGE AND PHASE DETAILS WITH OWNER PROVIDED UPS REQUIREMENTS. LOCATE OUTLET ON WALL ADJACENT TO THE EQUIPMENT RACK, JUST BEHIND VERTICAL CABLE MANAGER, 6" A.F.F. SO UPS UNIT (MOUNTED AT BASE OF EQUIPMENT RACK) POWER CORD CAN EASILY PLUG IN.

PROVIDE AND INSTALL TWO-POST FLOOR-MOUNT RACK (CPI MODEL 55053-703 BLACK OR APPROVED EQUAL). BOND EQUIPMENT RACK TO TELECOMMUNICATIONS MAIN GROUNDING BUSBAR (TMGB) w/ #6 AWG GREEN BONDING STRAP. SECURE EQUIPMENT RACK TO LADDER RACK w/ J-BOLTS.

APPROVED EQUAL. INSTALL ABOVE AND BELOW ALL PATCH (VOICE & DATA)PANELS. PROVIDE 48-PORT VOICE PATCH (W/ FEMALE ADAPTER) PANELS; INSTALL QUANTITY TO ENABLE THE TERMINATION OF ALL INSTALLED 25-PAIR AMPHENOL CABLES FROM 110-BLOCK; ORTRONICS MODEL OR-8088004041. QUANTITY SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR TO PROVIDE AND EXTEND VOICE BACKBONE TIE CABLING TO NEW VOICE PATCH PANELS (FEMALE ADAPTERS AT PATCH PANELS) w/ 25-PAIR AMPHENOL 50-PIN (MALE PLUG ON ONE END, OPEN ON THE OTHER) AND C-5 CLIPS, PATCH PANEL MODEL ORTRONICS OR-808004941. INSTALL QUANTITY OF VOICE GRADE PATCH PANELS AND 25-PAIR CABLES

TO SATISFY THE TERMINATION OF ALL VOICE LINES PLUS 25% FOR GROWTH. QUANTITY SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY.D-RINGS TO BE INSTALLED TO MANAGE 25-PAIR AMPHENOL CABLES TO 110-BLOCK FROM VOICE GRADE PATCH PANELS MOUNTED AT TOP OF EQUIPMENT RACK. PROVIDE 48-PORT MODULAR PATCH PANEL ORTRONICS MODEL OR-PHDPJU48 (USED TO SECURE CAT6 JACKS). LOA ALL PORTS OF PATCH PANEL W/ BLACK 8P8C CAT6 CONNECTORS. INSTALL QUANTITY OF PATCH

PANELS TO SATISFY THE TERMINATION OF ALL HORIZONTAL CAT6 CABLING PLUS 25% GROWTH. ALL PATCH PANEL PORTS SHALL HAVE 8P8C BLACK CONNECTORS INSTALLED, U.N.O. ALL PORTS TO BE LABELED NUMERICALLY STARTING WITH #1; NUMBERING TO CONTINUE ON THE NEXT PATCH PANEL(S) (IF PRESENT) CONTRACTOR TO COORDINATE, PROVIDE AND INSTALL A CONTINUOUS 2" (MIN) CONDUIT PATHWAY W/ PULL STRING FROM SERVICE PROVIDER DEMARC (BUILDING EXTERIOR) TO I.T. CLOSET VIA. GROUND CONDUIT RUN TO (TMGB). IDENTIFY PATHWAY RUN ON AS-BUILTS. INSTALL D-RINGS ON PLYWOOD TO BETTER SECURE INCOMING COPPER BACKBONE TO PROTECTED EQUIPMENT TERMINAL (PET) / 110-BLOCK WHERE PET IS

REQUIRED. IF NO PET IS PRESENT AT THE SERVICE PROVIDER DEMARC, A PET IS TO BE PROVIDED AND INSTALLED IN THE I.T. CLOSET AND THE TIE CABLE SHALL TERMINATE ON THE PET. GREEN/WHITE CROSS CONNECT WIRE IS PROVIDE LADDER RACK (CHATSWORTH 11275-712) AND ASSOCIATED CHATSWORTH SUPPORT COMPONENTS

(WALL ANGLE BRACKET, BUTT-SPLICE KITS, JUNCTION-SPLICE KITS, ETC) TO PROPERLY INSTALL LADDER RACK IN THE I.T. CLOSET PER MANUFACTURER'S INSTRUCTIONS. BOND ALL SECTIONS OF THE LADDER RACK IN THE I.T. CLOSET W/ #8 AWG BONDING STRAPS. A MINIMUM OF ONE STRAP SHALL ALSO BE BONDED TO THE TMGB. PENETRATIONS MADE FOR TELECOMMUNICATIONS PATHWAYS IN THE I.T. CLOSET CEILING TO BE FRAMED OUT AND CAPABLE OF BEING SEALED TO PREVENT DUST AND OTHER DEBRIS FROM ENTERING THE I.T. CLOSET IN SUCH A MANNER THAT THEY CAN BE RE-ENTERED WITHOUT COMPROMISE. INGRESS OF CABLE TO I.T. CLOSET SHALL BE MADE SO THAT ANY SPACE IN THE PENETRATION NOT FILLED BY CABLE CAN BE SEALED TO PREVENT DUST AND DEBRIS FROM ENTERING THE I.T. CLOSET. DEVICE TO PROVIDE 40% FILL RATIO AND 25% GROWTH. 10. PROVIDE AND INSTALL 4" FROM WALL, 2" CONDUIT SLEEVE FOR BACKBONE COPPER CABLE INGRESS TO I.T. CLOSET. THIS I.T. CLOSET INGRESS SLEEVE TO INTERCONNECT TO CONDUIT PATHWAY TO SERVICE PROVIDER

14. PROVIDE AND INSTALL 6"x7"x84" VERTICAL CABLE MANAGER; ORTONICS OR-MM6VMS706.

REFER TO POWER & DATA PANEL FOR LOCATIONS OF ELECTRICAL DEVICES.

PROVIDE AND INSTALL TELECOMMUNICATIONS MAIN GROUNDING BUSBAR (TMGB) HARGER MODEL GBI14210TGB (¼"x10"x24", COPPER w/ INSULATORS) OR APPROVED EQUAL. MOUNTED ON PLYWOOD I.T CLOSET TERMINAL BOARD 8'-3" A.F.F.; CONTRACTOR TO TIE TMGB BACK TO MAIN ELECTRICAL GROUND w 1/2 AWG INSULATED PLENUM RATED COPPER GROUND CABLE (TELECOMMUNICATIONS BONDING BACKBONE -TBB). DOUBLE LUGS ARE TO BE APPLIED TO ALL BONDING STRAPS W/ A COMPRESSION TOOL SIZED FOR THE LUG TO BE INSTALLED. LABEL BOTH ENDS OF TBB WITH "DO NOT DISCONNECT" TAGS. HANG TAGS READABLE

COORDINATE WITH SERVICE PROVIDER TO ENSURE PROTECTED EQUIPMENT TERMINAL (PET) IS INSTALLED ON INCOMING OSP COPPER MULTI-PAIR BACKBONE CABLING FOR FACILITY. IF PET DOES NOT EXIST AT SERVICE PROVIDER'S INCOMING MULTI-PAIR DEMARC, PROVIDE AND INSTALL PET (TII NETWORK TECHNOLOGIES MODEL 24100-110-M110C FOR 100-PAIR (MIN) OR APPROVED EQUAL) WITHIN I.T. CLOSET. COORDINATE QUANTITY / SIZE OF PET TO TERMINATE ALL TIE PAIRS TO I.T. CLOSET FROM SERVICE PROVIDER DEMARC. ENSURE PET LOACTED IN I.T. CLOSET IS BONDED TO TMGB w/ #6 AWG BONDING STRAP. INSTALL w/ BASE OF PET AT 48" A.F.F. PET TO CROSS-CONNECT TO 110-BLOCK w/ GREEN/WHITE CROSS-CONNECT WIRE AND C5 CLIPS. PROVIDE 110 WIRING BLOCK W/ LEGS, MODEL ORTRONICS OR-30200145; MOUNT BLOCK W/ BASE OF BLOCK

PROVIDE 4" CONDUIT SLEEVES (W/ FIRESTOP ASSEMBLIES WHERE REQUIRED TO MAINTAIN FIRE RATINGS) THROUGH WALL AND CEILING ASSEMBLIES TO PROVIDE FOR TELECOMMUNICATIONS PATHWAYS. COORDINATE THE LOCATION OF ALL REQUIRED SLEEVES AND/OR FIRESTOP ASSEMBLIES PRIOR TO

TELECOMMUNICATIONS GENERAL NOTES

- ALL TELECOMMUNICATIONS STRUCTURED CABLING SYSTEM (SCS) DESIGN AND INSTALLATION EFFORTS SHALL ADHERE TO THE FOLLOWING: CUSTOMER ESTABLISHED SCS DESIGN AND INSTALLATION GUIDELINES, THE LATEST VERSIONS OF THE SCS INDUSTRY ESTABLISHED STANDARDS (ANSI/TIA 568, 569, 606 AND STD-607), AND THE LOCALLY RECOGNIZED VERSION OF THE NATIONAL ELECTRICAL CODE. ADDITIONALLY, NFPA 70, NFPA 99 AND NFPA 110 SHALL BE ADHERED TO.
- CONTRACTOR TO PROVIDE A HORIZONTAL PATHWAY PLACED IN A STAR TOPOLOGY WITH THE TELECOMMUNICATIONS ROOM (TR) AS THE CENTER. PATHWAY SHALL CONSIST OF A COMBINATION OF 1" MINIMUM CONDUIT, PULL BOXES AND APPROPRIATELY SIZED OPEN-TOP HOOKS (J-HOOKS). ALL PATHWAYS TO BE SIZED TO PROVIDE FOR A 40% OR LESS FILL RATIO AND A FUTURE CABLE GROWTH OF 25%. INSTALL ALL PATHWAY DEVICES PER MANUFACTURER'S WRITTEN INSTRUCTIONS. SPACING BETWEEN OPEN-TOP HOOKS TO BE NO GREATER THAN 5 FEET; HOOKS TO BE INSTALLED AT ALL CHANGES IN DIRECTION. NO ONE CONDUIT RUN TO BE OVER 90 FEET; PULL BOXES TO BE INSTALLED AFTER TWO (2) BENDS TO FACILITATE CABLING INSTALLATION. BOND ALL CONTINUOUS PATHWAYS TO TELECOMMUNICATIONS MAIN GROUNDING BUSBAR (TMGB) WITH #6 AWG BONDING STRAPS.
- PROVIDE A VERTICAL CONDUIT PATHWAY (MINIMUM SIZE TO BE 1") TO THE PLENUM AREA (CONDUIT TO EXTEND 6" ABOVE CEILING) AT EACH DROP. CONDUIT AT WORK AREA OUTLET (WAO) END SHALL BE TRIMMED OUT WITH AN INSULATING BUSHING; AT THE END IN THE PLENUM A BONDING BUSHING SHALL BE INSTALLED. ALL TELECOMMUNICATION CONDUITS, SLEEVES AND CABLE TRAY SHALL BE BONDED TO THE TELECOMMUNICATIONS BONDING BACKBONE.
- A DOUBLE-GANG BACK-BOX WITH A SINGLE-GANG PLASTER RING SHALL BE INSTALLED AT THE BASE OF THE VERTICAL CONDUIT. ALL DEVICES SHALL BE INSTALLED TO MATCH THE MOUNTING HEIGHT OF ELECTRICAL DEVICES, UNLESS NOTED OTHERWISE.
- ALL TELECOMMUNICATION DEVICES AND FACEPLATES TO MATCH COLOR OF ELECTRICAL DEVICES. ALL TELECOMMUNICATIONS PATHWAYS THAT PASS THROUGH FIRE RATED ASSEMBLIES SHALL HAVE THE APPROPRIATELY SIZED AND RATED FIRE STOP ASSEMBLY INSTALLED. INSTALLED ASSEMBLIES SHALL BE RE-ENTERABLE EZ-PATH FIRE STOP ASSEMBLIES OR APPROVED EQUAL. INSTALL ALL FIRE STOP ASSEMBLIES PER MANUFACTURER'S WRITTEN INSTRUCTIONS. CAPACITY OF INSTALLED FIRE STOP ASSEMBLY TO INCLUDE
- CAPACITY TO PROVIDE THE 40% MINIMUM FILL RATIO AND A FUTURE CABLE GROWTH OF 25%. ALL TELECOMMUNICATIONS DROP LOCATIONS SHALL PROVIDE A SINGLE GANG FACE PLATE (ORTRONICS MODEL OR-40300548 FOR PLASTIC FACEPLATES OR OR-403STJ12 IF ADJACENT ELECTRICAL DEVICES ARE STAINLESS STEEL) TO SUPPORT THE TERMINATION OF TWO EACH CAT6 PLENUM RATED U/UTP CABLING, UNLESS NOTED OTHERWISE.
- WHERE INDICATED, WALL MOUNTED TELEPHONE LOCATIONS SHALL HAVE ONLY ONE CABLE; THE FACE PLATE SHALL BE ONE PORT WITH WALL PHONE MOUNTING LUG (ORTRONICS MODEL OR-403STJ1WP).
- A SERVICE LOOP SHALL BE PROVIDED AT EACH TELECOMMUNICATIONS DROP WITH A 5' COILED END, SECURED BY PLENUM-RATED HOOK AND LOOP TAPE, WITHIN THE CEILING PLENUM ABOVE. 10. ALL CATEGORIZED (BLUE IN COLOR) CABLE TO BE SUPERIOR ESSEX CMP U/UTP 52-200-28 UNLESS
- INSTALLED IN WET / DAMP LOCATIONS AS DEFINED BY THE NEC. CABLE INSTALLED IN WET / DAMP LOCATIONS SHALL BE RATED ACCORDINGLY. ALL COMPONENTS LOCATED WITHIN THE PLENUM ARE TO BE PLENUM RATED.
- 11. ALL TELECOMMUNICATIONS CATEGORIZED CABLING SHALL BE TERMINATED AT THE WORK AREA OUTLET (WAO) USING THE 8P8C CAT6 RATED CONNECTORS (ORTRONICS OR-TJ5E88). THE ANSI/TIA T568B WIRE MAPPING/PIN-OUT SHALL BE USED TO TERMINATE ALL 8P8C CONNECTORS.
- 12. CONTRACTOR TO COORDINATE THE LABELING OF ALL SCS COMPONENTS WITH OWNER. LABELING AT WAO FACEPLATE SHALL START WITH THE #1 POSITION. IF MULTIPLE OUTLETS EXIST IN A SINGLE ROOM, WAO FACEPLATES TO BE NUMBERED IN A CLOCKWISE FORMAT AROUND THE ROOM. AT THE PATCH PANEL, THE CABLING ASSOCIATED WITH THE WAO DEVICE SHALL BE LABELED TO MATCH. LABELS AT THE PATCH PANEL TO FLOW HORIZONTALLY, BEGINNING IN PATCH PANEL PORT #1.
- 13. CONTRACTOR TO MAINTAIN ORDER OF TELECOMMUNICATIONS COMPONENTS AS SHOWN. INSTALLATION OF ADDITIONAL PATCH PANELS AND HORIZONTAL CABLE MANAGERS WILL REQUIRE THE ACTIVE COMPONENTS TO SHIFT DOWNWARD IN THE EQUIPMENT RACK AS REQUIRED.
- 14. PROVIDE D-RINGS IN TELECOMMUNICATIONS ROOM FOR HORIZONTAL AND BACKBONE CABLE MANAGEMENT ALL SCS CABLING SHALL HAVE A SELF-LAMINATING LABEL APPLIED AT BOTH ENDS. ALL LABELS SHALL BE
- READABLE FROM ONE POSITION WHILE STANDING BEHIND THE EQUIPMENT RACK. ALL LABELS AT THE WAO DROPS SHALL BE READABLE WHEN STANDING TO THE RIGHT OF THE FACEPLATE WITH THE CABLES EXTENDED FROM THE BACK BOX.
- 16. OWNER TO FURNISH AND INSTALL ALL PATCH CABLES FROM ACTIVE SWITCH GEAR TO PATCH PANELS. 17. ALL ACTIVE COMPONENTS TO BE LABELED WITH THEIR IP ADDRESSES: OWNER TO PROVIDE IP ADDRESS INFORMATION.
- TESTING OF ALL SCS CABLING TO FOLLOW INDUSTRY STANDARDS AS DESCRIBED IN ANSI/TIA-568. A COPY OF THE FULL TEST RESULTS SHALL BE PROVIDED TO THE OWNER ON PAPER AND IN ELECTRONIC FORMAT, NUMERICALLY ORDERED AND DATED. A COPY OF THE MANUFACTURER'S PERFORMANCE AND COMPONENT WARRANTY SHALL BE PROVIDED WITHIN 30 DAYS OF THE COMPLETION OF THE TESTING. CABLE MANUFACTURER TO PROVIDE A 15-YEAR PERMANENT LINK WARRANTY FOR ALL STRUCTURED CABLING INSTALLED.
- CONTRACTOR TO PROVIDE AS-BUILTS, GENERATED MECHANICALLY, WITH ALL TELECOMMUNICATIONS 19. WORK AREA OUTLETS (WAO) SHOWN. ANY CHANGES FROM THE LOCATIONS SHOWN ON THE POWER & DATA PLAN SHALL BE COORDINATED WITH THE OWNER PRIOR TO MAKING THE CHANGE. EACH DEVICE SHALL BE IDENTIFIED ON THE AS-BUILT DRAWING WITH THE APPLICABLE LABEL IDENTIFIER. CONTRACTOR TO DELIVER AS-BUILT DRAWING TO THE OWNER IN BOTH PAPER AND ELECTRONIC FORMAT.
- 20. CONTRACTOR TO BOND AND GROUND ALL TELECOMMUNICATIONS PATHWAYS AND TELECOMMUNICATIONS ROOM COMPONENTS PER ANSI/TIA J-STD 607.

ABBREVIATIONS

SCS STRUCTURED CABLING SYSTEM TMGB TELECOMMUNICATIONS MAIN GROUNDING BUSBAR TR TELECOMMUNICATIONS ROOM (I.T. CLOSET) WAO WORK AREA OUTLET. WAP WIRELESS ACCESS POINT

VIDEO SIGNAL GENERAL NOTES

SYSTEM DESIGN TO OPERATE WITHIN THE 5 - 1000MHz BANDWIDTH USING 1000 MHz PASSIVE DEVICES AND A MINIMUM OF 750 MHz ACTIVE DEVICES. EACH TERMINATION FOR A TV RECEIVER MUST HAVE A MINIMUM SIGNAL LEVEL OF 15 dBmV AT 55MHz; 0

dBmV AT 750 MHz; AND A MAXIMUM SIGNAL LEVEL OF 15 dBmV, OR A LEVEL NOT TO OVERLOAD THE RECEIVER, FOR THE ENTIRE SYSTEM BANDWIDTH. SET TOP BOXES, CATV ACTIVE EQUIPMENT (WHERE APPLICABLE) AND ADDITIONAL ELECTRONICS

REQUIRED TO INSERT OTHER SOURCES OF AUDIO/VIDEO ARE PROVIDED BY THE OWNER. 4. CROSS CONNECT CABLING FOR A/V (TV COAX, AUDIO, HDMI, USB, ETC) ARE PROVIDED BY OTHERS; UNLESS NOTED OTHERWISE.

5. LABELS ARE TO BE MECHANICALLY PRINTED AND SELF LAMINATING. INFORMATION TO BE READABLE FROM A SINGLE VIEW POINT. REFER TO POWER & DATA PLAN FOR TV MONITOR / HDMI-U/UTP EXTENSION ASSEMBLY LOCATIONS.

7. HDMI EXTENDER KITS (SENDER AND RECEIVER UNITS) ARE SUPPLIED BY THE OWNER. EQUIPMENT IS SUPPLIED WITH ASSOCIATED POWER CORDS ONLY. CONTRACTOR TO FURNISH AND INSTALL ONE (1) HDMI CABLE AT EACH SENDER UNIT AND TWO (2) HDMI

CABLES AT EACH RECEIVER UNIT.

HDMI EXTENDER INSTALLATION NOTES

AT WORK AREA OUTLET (WAO):

- INSTALL DUAL GANG BACKBOX AND 2-PORT SINGLE GANG FACEPLATE FLUSH WITH WALL ASSEMBLY, ALIGNED WITH ELECTRICAL OUTLETS. PROVIDE/INSTALL (1) HDMI ADAPTER IN POSITTION 1 AND BLANK IN POSITION 2.
- PROVIDE & INSTALL A CAT6 CABLE FROM THE PLENUM ABOVE EACH VIDEO UNIT, TO THE TELECOMMUNICATIONS ROOM (TR). TERMINATE (MALE ADAPTER), TEST AND LABEL (EACH END) THE CAT6

CABLES AS NORMAL IN THE PLENUM, INSTALL THE OWNER PROVIDED RECEIVER UNIT. ONE RECEIVER UNIT WILL BE PROVIDED FOR EACH VIDEO MONITOR LOCATION. CONNECT UNIT TO ELECTRICAL OUTLET LOCATED IN PLENUM ABOVE VIDEO MONITOR.

CONNECT THE VIDEO MONITOR HDMI PORT TO THE HDMI PORT ON THE WALL MOUNTED FACEPLATE ASSEMBLY WITH OWNER FURNISHED HDMI CABLE

CONNECT THE HDMI PORT OF THE RECEIVER UNIT (LOCATED IN THE PLENUM) TO THE BACK OF THE HDMI ADAPTER ON THE WALL MOUNTED FACEPLATE ASSEMBLY WITH OWNER FURNISHED HDMI CABLE. CONNECT THE CAT6 PLENUM RATED CABLE FROM THE TELECOMMUNICATIONS ROOM (TR) TO THE 8P8C PORT OF THE RECEIVER UNIT LOCATED IN THE PLENUM.

THE TELECOMMUNICATIONS ROOM (TR):

INSTALL OWNER PROVIDED TRANSMITTER / SIGNAL SPLITTER UNITS IN THE TELECOMMUNICATIONS ROOM (TR). PROVIDE POWER FOR THE TRANSMITTER / SIGNAL SPLITTER UNITS AND MANGE POWER CABLING WITH HOOK AND LOOP TAPE.

CONNECT CAT6 PLENUM RATED CABLE FROM EACH RECEIVER UNIT TO EACH TRANSMITTER / SIGNAL SPLITTER UNITS 8P8C PORT.

INSTALL OWNER FURNISHED HDMI CABLE TO THE HDMI PORT ON EACH SENDER UNIT. MANAGE THE HDMI CABLE WITH HOOK AND LOOP TAPE. HDMI CABLES TO BE CONNECTED TO VIDEO SOURCE BY OTHERS. LABEL THE HDMI RECEIVER AND SENDER UNITS ASSOCIATED WITH THE VIDEO MONITORS LOCATED IN THE WORK AREA OUTLETS (WAO).

	RENEE LYNN+ GLØTTA
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C Re	🕲 Renee Lynn & Glotta, PLLC

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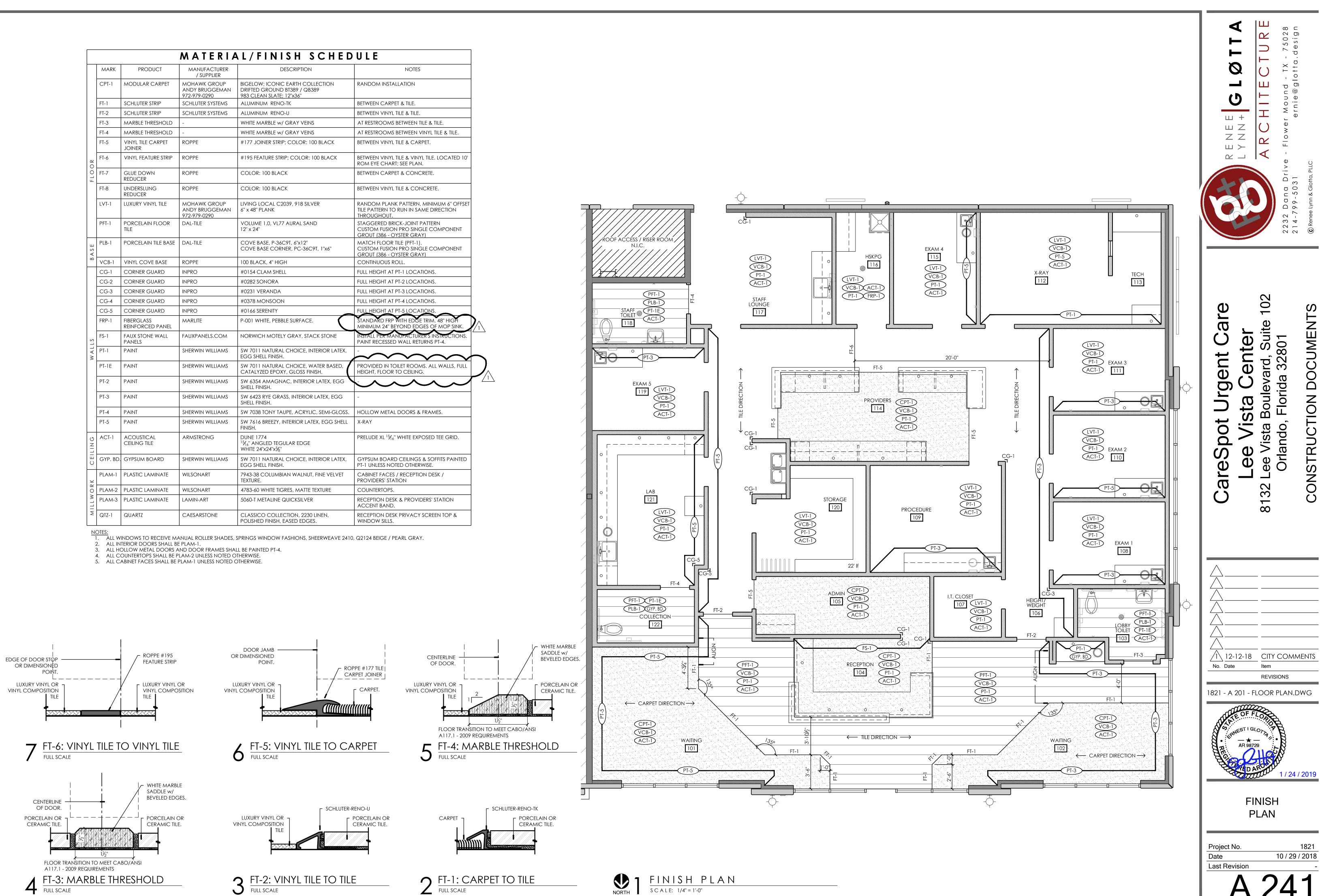
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LOW VOLTAGE

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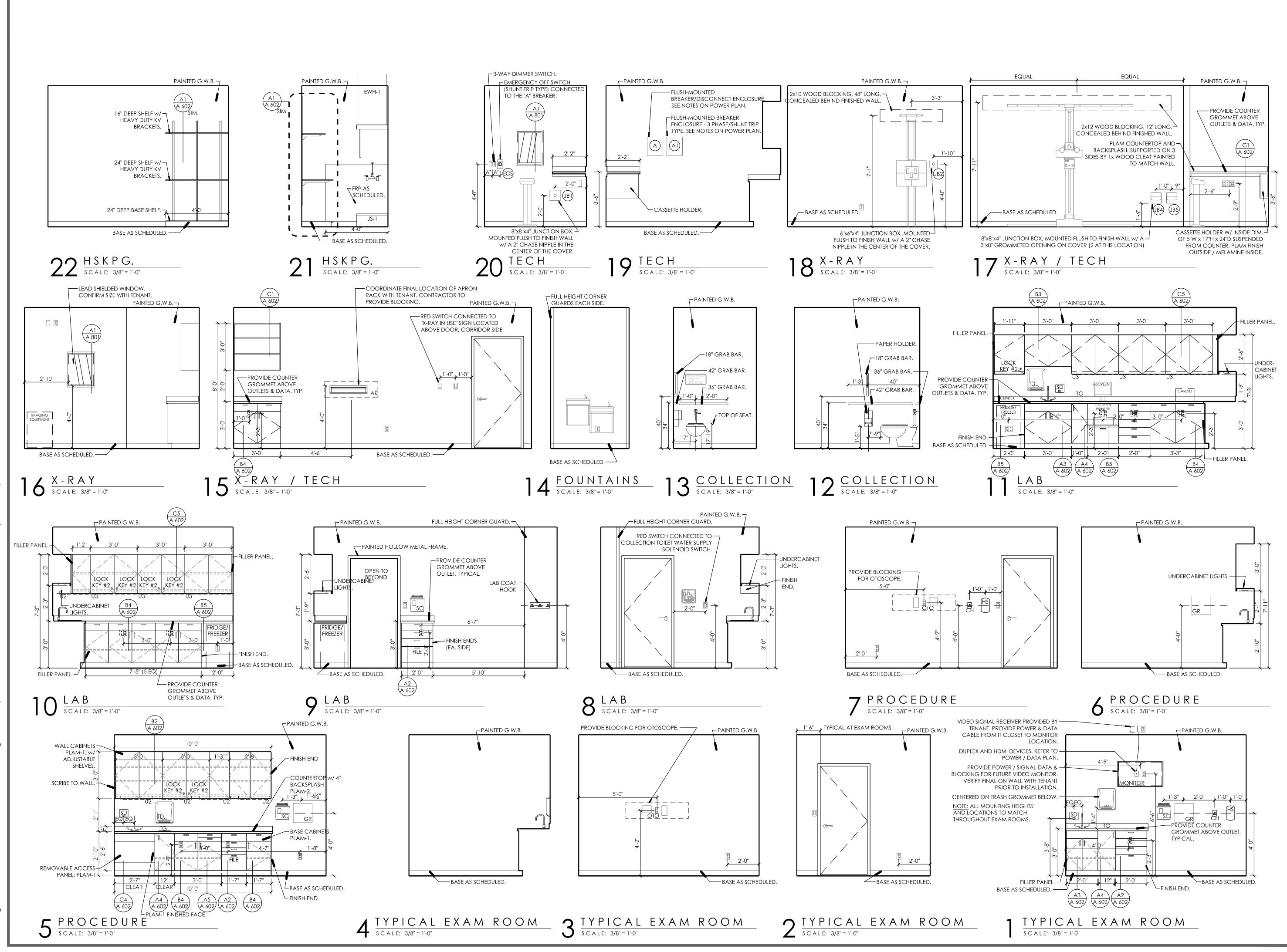
			MATERIA	AL/FINISH SCHED	ULE
	MARK	PRODUCT	MANUFACTURER / SUPPLIER	DESCRIPTION	NOTES
	CPT-1	MODULAR CARPET	MOHAWK GROUP ANDY BRUGGEMAN 972-979-0290	BIGELOW; ICONIC EARTH COLLECTION DRIFTED GROUND BT389 / QB389 983 CLEAN SLATE; 12"x36"	RANDOM INSTALLATION
	FT-1	SCHLUTER STRIP	SCHLUTER SYSTEMS	ALUMINUM RENO-TK	BETWEEN CARPET & TILE.
	FT-2	SCHLUTER STRIP	SCHLUTER SYSTEMS	ALUMINUM RENO-U	BETWEEN VINYL TILE & TILE.
	FT-3	MARBLE THRESHOLD	-	WHITE MARBLE W/ GRAY VEINS	AT RESTROOMS BETWEEN TILE
	FT-4	MARBLE THRESHOLD	-	WHITE MARBLE W/ GRAY VEINS	AT RESTROOMS BETWEEN VIN
	FT-5	VINYL TILE CARPET JOINER	ROPPE	#177 JOINER STRIP; COLOR: 100 BLACK	BETWEEN VINYL TILE & CARPE
ОR	FT-6	VINYL FEATURE STRIP	ROPPE	#195 FEATURE STRIP; COLOR: 100 BLACK	BETWEEN VINYL TILE & VINYL T ROM EYE CHART; SEE PLAN.
FLO	FT-7	GLUE DOWN REDUCER	ROPPE	COLOR: 100 BLACK	BETWEEN CARPET & CONCRE
	FT-8	UNDERSLUNG REDUCER	ROPPE	COLOR: 100 BLACK	BETWEEN VINYL TILE & CONCE
	LVT-1	LUXURY VINYL TILE	MOHAWK GROUP ANDY BRUGGEMAN 972-979-0290	LIVING LOCAL C2039, 918 SILVER 6" x 48" PLANK	RANDOM PLANK PATTERN. MI TILE PATTERN TO RUN IN SAME THROUGHOUT.
	PFT-1	PORCELAIN FLOOR TILE	DAL-TILE	VOLUME 1.0, VL77 AURAL SAND 12" x 24"	STAGGERED BRICK-JOINT PAT CUSTOM FUSION PRO SINGLE GROUT (386 - OYSTER GRAY)
ASE	PLB-1	PORCELAIN TILE BASE	DAL-TILE	COVE BASE, P-36C9T, 6"x12" COVE BASE CORNER, PC-36C9T, 1"x6"	MATCH FLOOR TILE (PFT-1). CUSTOM FUSION PRO SINGLE GROUT (386 - OYSTER GRAY)
В	VCB-1	VINYL COVE BASE	ROPPE	100 BLACK, 4" HIGH	CONTINUOUS ROLL.
	CG-1	CORNER GUARD	INPRO	#0154 CLAM SHELL	FULL HEIGHT AT PT-1 LOCATIO
	CG-2	CORNER GUARD	INPRO	#0282 SONORA	FULL HEIGHT AT PT-2 LOCATIO
	CG-3	CORNER GUARD	INPRO	#0231 VERANDA	FULL HEIGHT AT PT-3 LOCATIO
	CG-4	CORNER GUARD	INPRO	#0378 MONSOON	FULL HEIGHT AT PT-4 LOCATIO
	CG-5	CORNER GUARD	INPRO	#0166 SERENITY	FULL HEIGHT AT PT-5 LOCATIO
	FRP-1	FIBERGLASS REINFORCED PANEL	MARLITE	P-001 WHITE, PEBBLE SURFACE.	Standard FRP With edge tr Minimum 24" beyond edges
ΓS	FS-1	FAUX STONE WALL PANELS	FAUXPANELS.COM	NORWICH MOTELY GRAY, STACK STONE	INSTALL PER MANUFACTURER PAINT RECESSED WALL RETURI
ΜAL	PT-1	PAINT	SHERWIN WILLIAMS	SW 7011 NATURAL CHOICE, INTERIOR LATEX, EGG SHELL FINISH.	
	PT-1E	PAINT	SHERWIN WILLIAMS	SW 7011 NATURAL CHOICE, WATER BASED, CATALYZED EPOXY, GLOSS FINISH.	PROVIDED IN TOILET ROOMS. HEIGHT, FLOOR TO CEILING.
	PT-2	PAINT	SHERWIN WILLIAMS	SW 6354 AMAGNAC, INTERIOR LATEX, EGG SHELL FINISH.	
	PT-3	PAINT	SHERWIN WILLIAMS	SW 6423 RYE GRASS, INTERIOR LATEX, EGG SHELL FINISH.	-
	PT-4	PAINT	SHERWIN WILLIAMS	SW 7038 TONY TAUPE, ACRYLIC, SEMI-GLOSS.	HOLLOW METAL DOORS & FR
	PT-5	PAINT	SHERWIN WILLIAMS	SW 7616 BREEZY, INTERIOR LATEX, EGG SHELL FINISH.	X-RAY
ILING	ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	DUNE 1774 ¹ 5⁄ ₆ " ANGLED TEGULAR EDGE WHITE 24"x24"x5⁄ ₈ "	PRELUDE XL ¹ %6" WHITE EXPOS
CEI	GYP. BD.	GYPSUM BOARD	SHERWIN WILLIAMS	SW 7011 NATURAL CHOICE, INTERIOR LATEX, EGG SHELL FINISH.	GYPSUM BOARD CEILINGS & PT-1 UNLESS NOTED OTHERWIS
×	PLAM-1	PLASTIC LAMINATE	WILSONART	7943-38 COLUMBIAN WALNUT, FINE VELVET TEXTURE.	CABINET FACES / RECEPTION PROVIDERS' STATION
0 R	PLAM-2	PLASTIC LAMINATE	WILSONART	4783-60 WHITE TIGRES, MATTE TEXTURE	COUNTERTOPS.
ILL W	PLAM-3	PLASTIC LAMINATE	LAMIN-ART	5060-T METALINE QUICKSILVER	RECEPTION DESK & PROVIDER ACCENT BAND.
X	QTZ-1	QUARTZ	CAESARSTONE	CLASSICO COLLECTION, 2230 LINEN, POLISHED FINISH, EASED EDGES.	RECEPTION DESK PRIVACY SC WINDOW SILLS.





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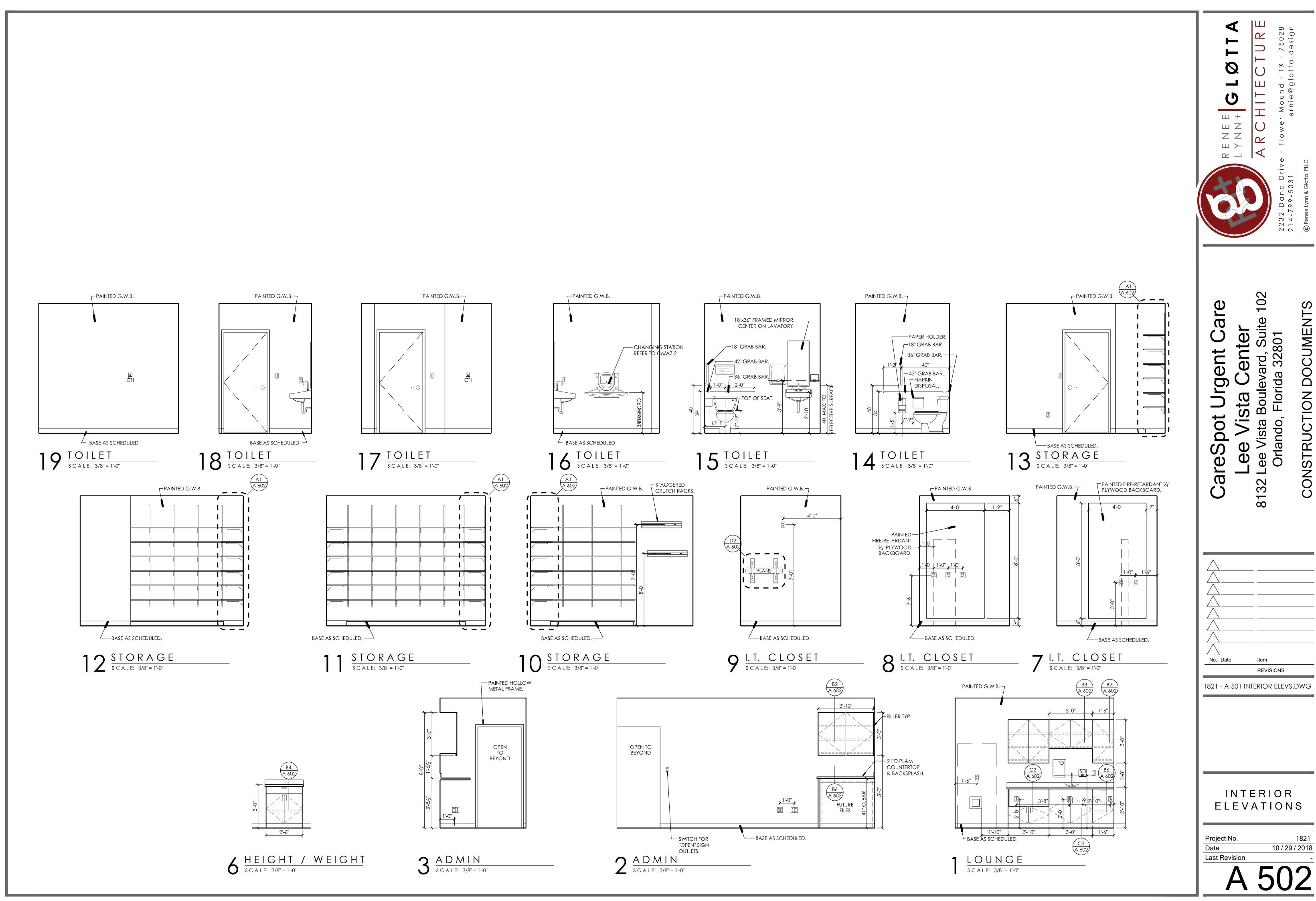
CONSTRUCTION DOCUMENTS

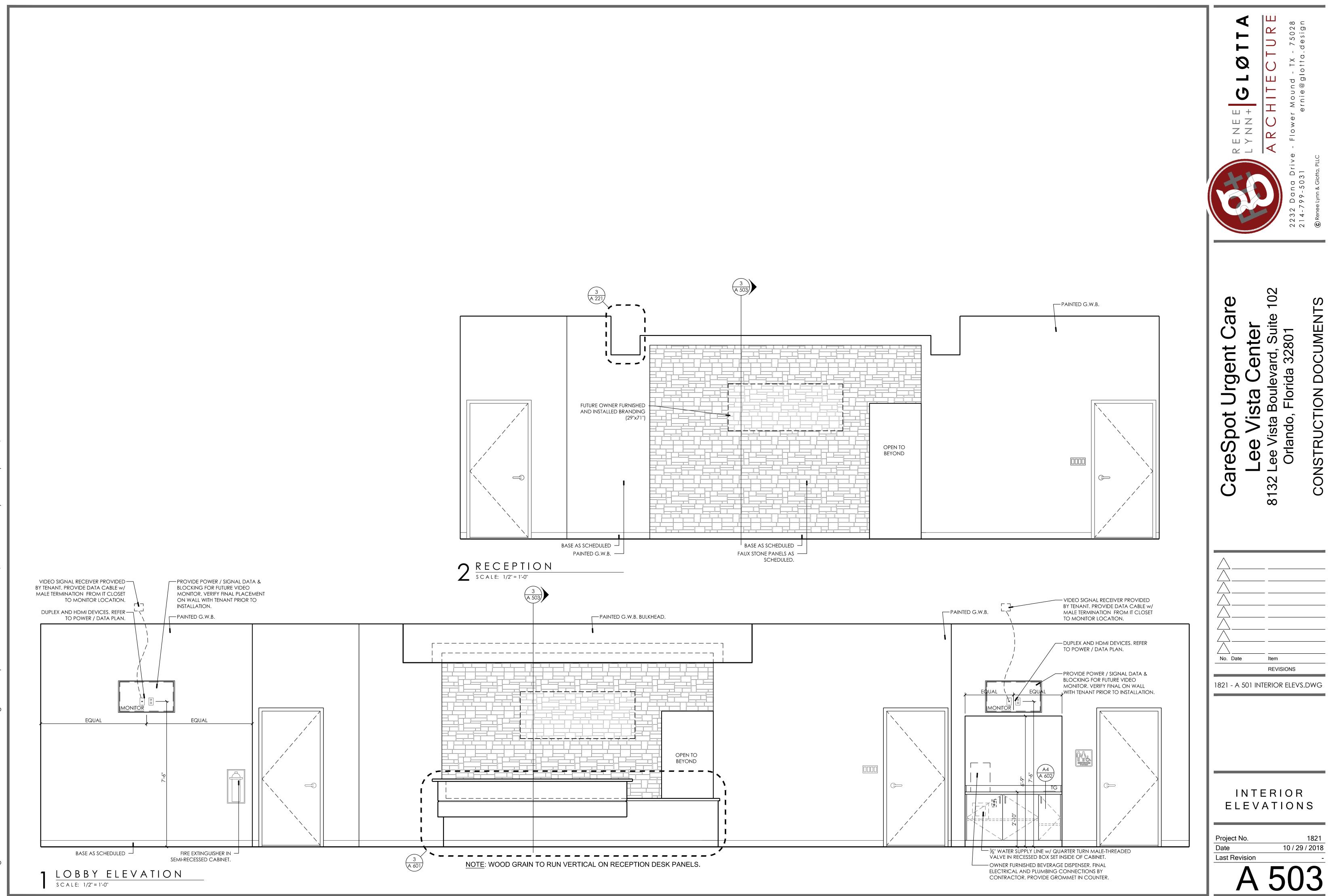
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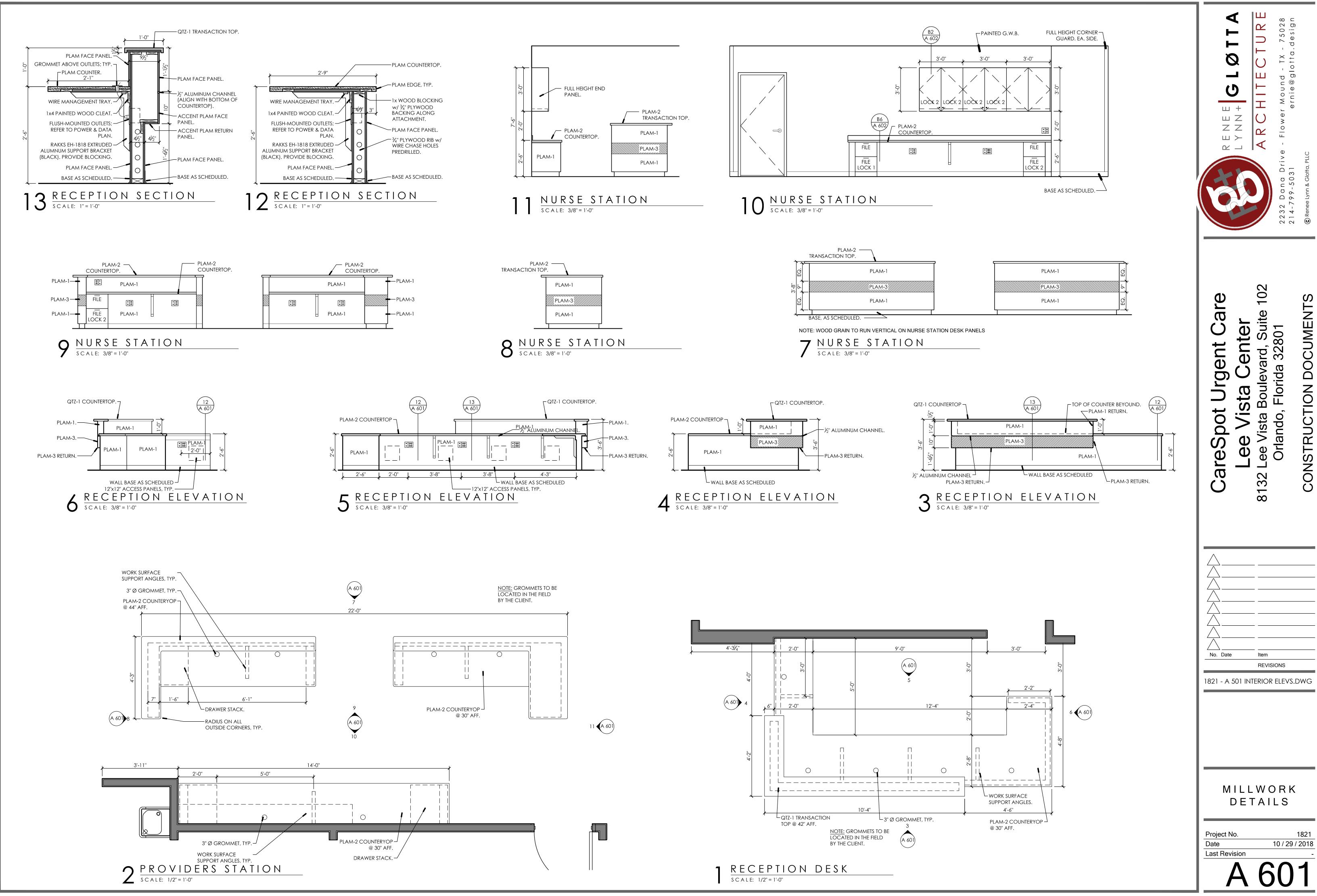
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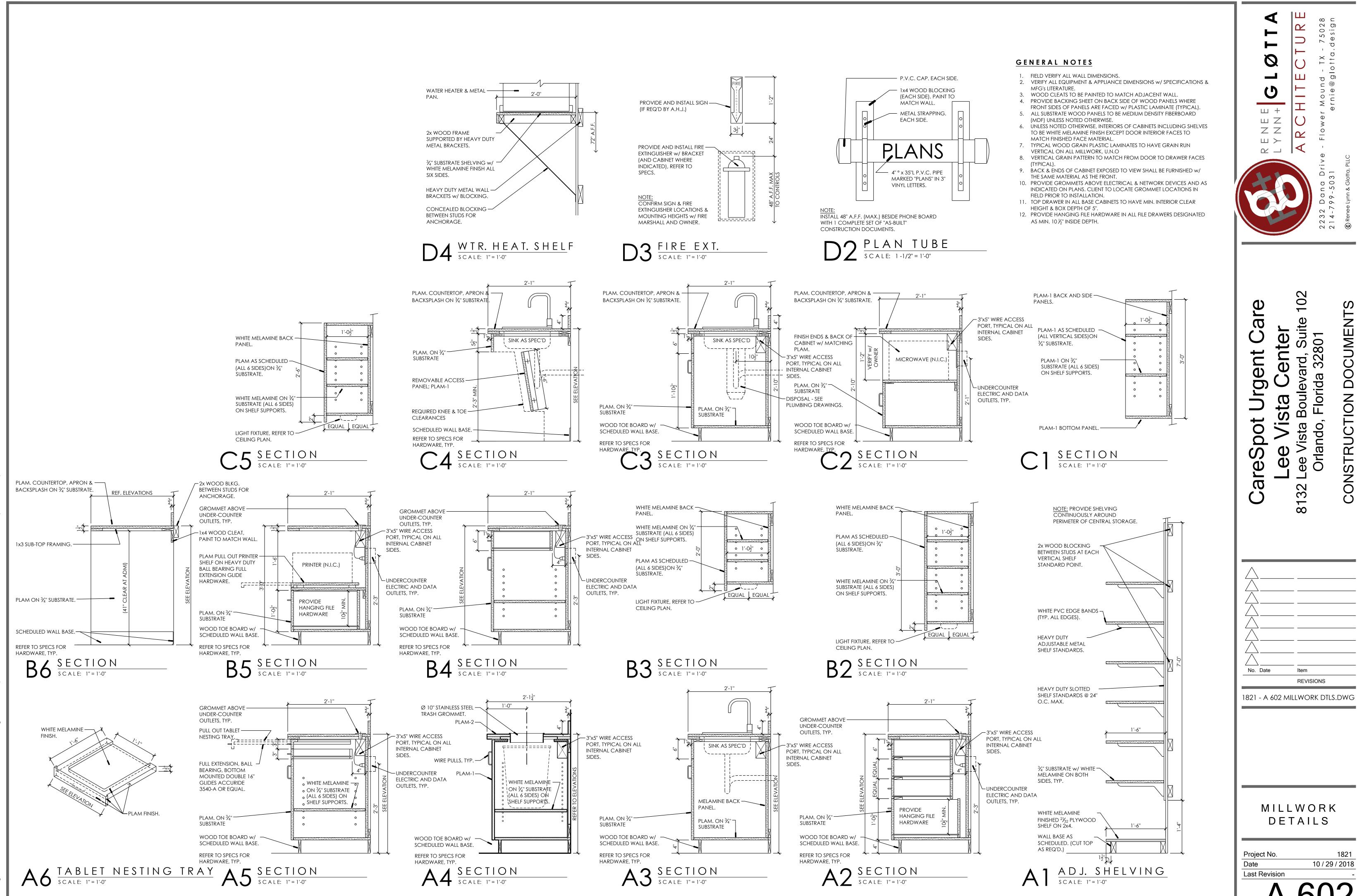
INTERIOR ELEVATIONS

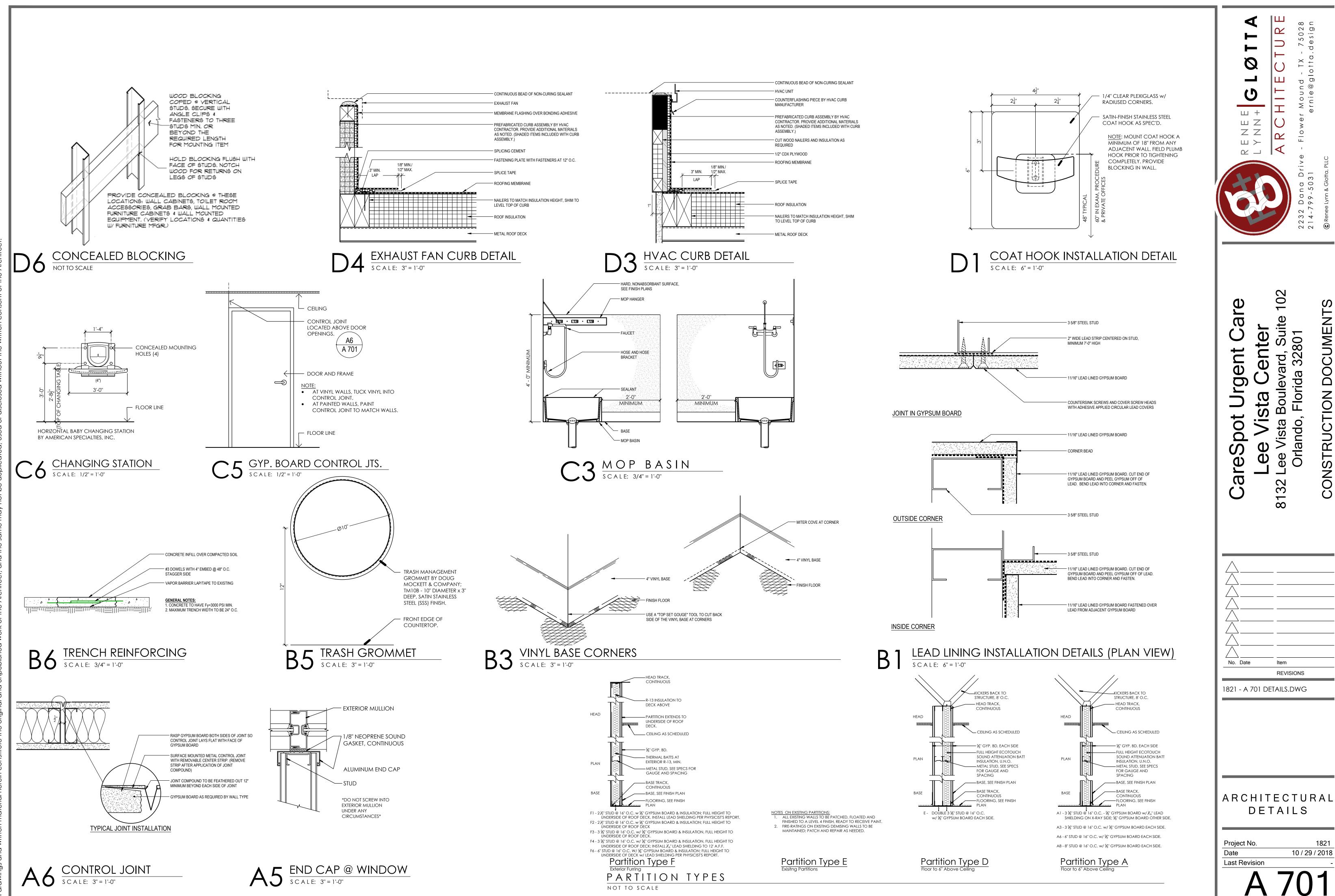
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Last Revision A 501











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HARDW

FURNISH AMOUNT OF KEY CYLINDERS NECESSARY AND ADAPTABLE TO TYPE OF LOCKING OPERATION PROVIDED BY DOOR FABRICATOR. KEY CYLINDERS TO BE SAME MANUFACTURER FURNISHED FOR REMAINDER OF PROJECT SUBJECT TO KEYING REQUIREMENTS AND TO MATCH DOOR / HARDWARE FINISH.

HARDWARE SET - H1

1 THRESHOLD

• 1 FLOOR / WALL STOP

SILENCERS BY FRAME MANUFACTURER

ALUMINUM STOREFRONT ENTRANCE DOOR, FRAME & HARDWARE FINISHES TO MATCH EXISTING CENTER. TOP, BOTTOM & MIDDLE OFFSET HINGES * ΥΚΚ ΑΡ 1 CLOSER: CONCEALED OVERHEAD
 * ΥΚΚ ΑΡ • 1 DEADBOLT: MS-1850 * ADAMS RITE 1 PULL / PUSH BAR: BF15847-2 * ROCKWOOD * 1 BOTTOM RAIL WEATHERSTRIP ΥΚΚ ΑΡ

*

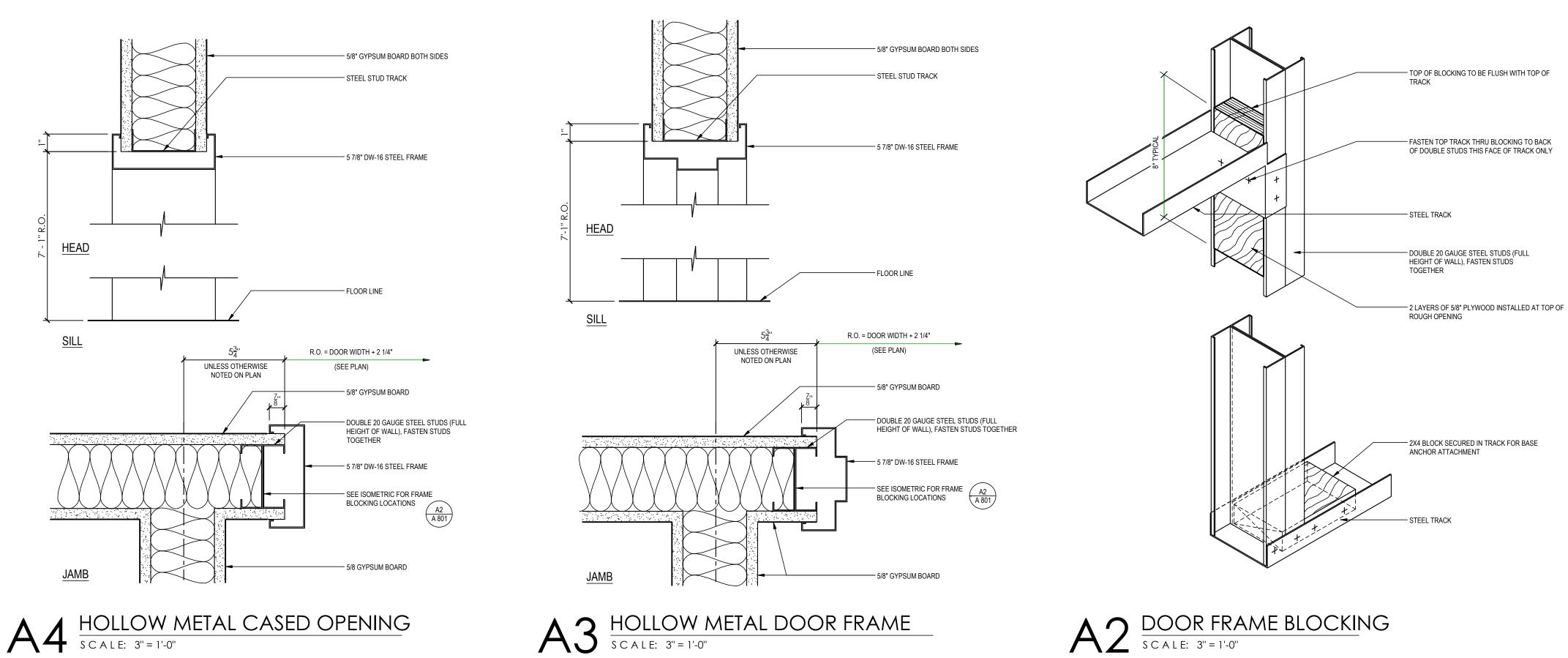
US26D

ZERO

ROCKWOOD

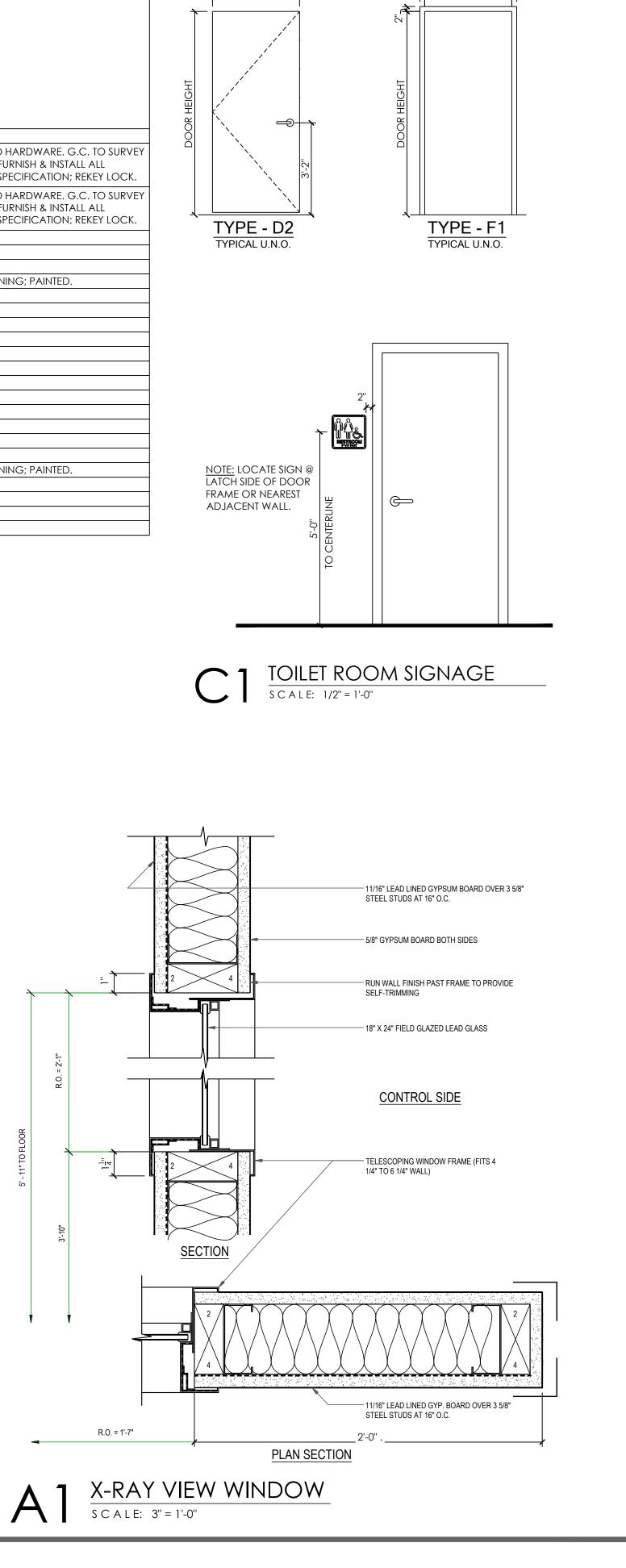
•	1 KICKPLATE: 8400-9x35	US26D	IVES
•	1 CYLINDER (KEYED EXTERIOR / THUMB TUI	RN AT INTERIOR)	
		US26D	BEST
HARDWA	<u>RE SET - H2 - (ANSI F75)</u>		
•	1.5 PAIR HINGES BB1279 4.5x4.5	US26D	HAGER
•	1 PASSAGE SET 10-LINE J-LEVER	US26D	SARGENT
•	1 OVERHEAD STOP 4424	US32D	A.B.H.
•	SILENCERS BY FRAME MANUFACTURER		
HARDWA	RE SET - H3 - (ANSI F75 <u>)</u>		
•		US26D	HAGER
•	1 PASSAGE SET 10-LINE J-LEVER	US26D	
	1 OVERHEAD STOP 4424	US32D	A.B.H.
•	SILENCERS BY FRAME MANUFACTURER		
HARDWA	RE SET - H4 - (ANSI F75)		
		US26D	HAGER
•	1 PASSAGE SET 10-LINE J-LEVER	US26D	SARGENT
•	1 DOOR CLOSER 4040XP	ALUM	LCN
•	1 FLOOR / WALL STOP	US26D	ROCKWOOD
•			
HARDWA	RE SET - H5 - (ANSI F76)		
		US26D	HAGER
	1 PRIVACY LOCKSET 10-LINE J-LEVER		-
•		ALUM	LCN

WARE SETS										DO	OR SCH	IEDL	JLE		
					DOOF	SIZE		-	DOO	r matei	RIALS	FRAN	e materials	5	
1 FLOOR / WALL STOP US26D SILENCERS BY FRAME MANUFACTURER	HAGER SARGENT LCN ROCKWOOD	BER	ATION	GROUP				ATION	LAMINATE U.N.O.	' METAL	elevation .o.	HOLLOW METAL U.N.O.		, (MINUTES) U.N.O.	
HARDWARE SET - H7 - (ANSI F86)• 1.5 PAIR HINGES BB1279 4.5x4.5US26D• 1 STOREROOM LOCKSET 10-LINE J-LEVERUS26D• 1 DOOR CLOSER 4040XPALUM• 1 FLOOR / WALL STOPUS26D• SILENCERS BY FRAME MANUFACTURER	HAGER SARGENT LCN ROCKWOOD	DOOR NUMBER	DOOR LOC	HARDWARE	WIDTH 3'-0" U.N.O.	HEIGHT 7'-0" U.N.O.	THICKNESS 1-3/4" U.N.C	DOOR ELEV D1 - U.N.O.		HOLLOW 15 15	FRAME ELEV F1 - U.N.O.	PAINTED TYPICAL I		FIRE RATING (NON-RATED (REMARKS
HARDWARE SET - H8 1.5 PAIR HINGES BB1279 4.5x4.5 US26D 1 COMBINATION LOCK L1031 LEVER w/ PASSAGE OPTION	HAGER	001	STOREFRONT ENTRANCE	H1	3'-0"	7'-0''	EXIST.	EXIST.			ALUM EXIST.	EXIST.	ALUM		EXISTING DOOR, FRAME AND HARDV EXISTING CONDITIONS AND FURNISH HARDWARE MISSING FROM SPECIFIC
 US26D 1 FLOOR / WALL STOP SILENCERS BY FRAME MANUFACTURER 	SIMPLEX ROCKWOOD	002	REAR DOOR	H9	3'-0''	7'-0''	EXIST.	EXIST.			EXIST. EXIST.	EXIST.	EXIST.		EXISTING DOOR, FRAME AND HARDV EXISTING CONDITIONS AND FURNISH HARDWARE MISSING FROM SPECIFIC
HARDWARE SET - H9•1.5 PAIR HINGES BB1279 4.5x4.5US26D•1 HOLD OPEN CLOSER: 4040XPUS26D•1 PANIC BAR / EXIT DEVICE 99 SERIESUS26D•1 ENTRANCE LOCKSET 10-LINE J-LEVERUS26D•1 ONE-WAY VIEWERUS26D•2 KICKPLATE: 8400B4 32x34US26D•1 THRESHOLD 171A1 PERIMETER SEAL 297AS	HAGER LCN VON DUPRIN SARGENT IVES IVES PEMKO	101 102 103 105 107 108 109 110	WAITING TO CORRIDOR WAITING TO CORRIDOR LOBBY TOILET ADMIN TO CORRIDOR I.T. CLOSET EXAM 1 PROCEDURE EXAM 2	H4 H5 N/A H8 H2 H2 H2	3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	7'-0" 7'-0" 7'-0" 7'-0" 7'-0" 7'-0" 7'-0"	1-3/4" 1-3/4" 1-3/4" 1-3/4" 1-3/4" 1-3/4" 1-3/4"	D1 D1 D1 D1 D1 D1 D1 D1 D1	11 11 11 11 11 11 11 11 11		F1 F1	21 21 21 21 21 21 21 21 21 21			NON-LOCKABLE LATCHSET. NON-LOCKABLE LATCHSET. HOLLOW METAL CASED OPENING; P/
HARDWARE SET - H10 - (ANSI F81) 1.5 PAIR HINGES BB1279 4.5x4.5 US26D 1 ENTRANCE/OFFICE LOCKSET 10-LINE J-LEVERUS26D 1 THRESHOLD 171A 1 PERIMETER SEAL 297AS	HAGER SARGENT PEMKO PEMKO	111 112 115 116 117 118 119	EXAM 3 X - RAY EXAM 4 HOUSEKEEPING STAFF LOUNGE STAFF TOILET EXAM 5	H2 H3 H2 H6 H4 H5 H2	3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	7'-0" 7'-0" 7'-0" 7'-0" 7'-0" 7'-0"	1-3/4" 1-3/4" 1-3/4" 1-3/4" 1-3/4" 1-3/4" 1-3/4"	D1 D1 D1 D1 D1 D1 D1 D1	11 11 11 11 11 11 11		F1 F1 F1 F1 F1 F1 F1 F1	21 21 21 21 21 21 21 21 21			Shielded door & frame.
NOTE: CONTRACTOR TO REKEY ALL LOCKS <u>ON DAY OF ACCEPTA</u> DELIVER SEVEN (7) SETS OF KEYS TO TENANT.	ANCE/TURNOVER AND	120 121 122	CENTRAL STORAGE LAB COLLECTION TOILET	H6 N/A H5	3'-0'' 3'-0'' 3'-0''	7'-0'' 7'-0'' 7'-0''	1-3/4" 1-3/4" 1-3/4"	D1 D1 D1	11 11 11		F1 F1 F1	21 21 21			HOLLOW METAL CASED OPENING; PA



A2 DOOR FRAME BLOCKING

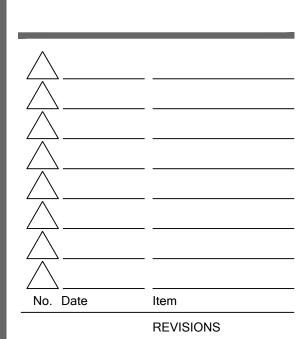
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2" DOOR WIDTH

DOOR WIDTH





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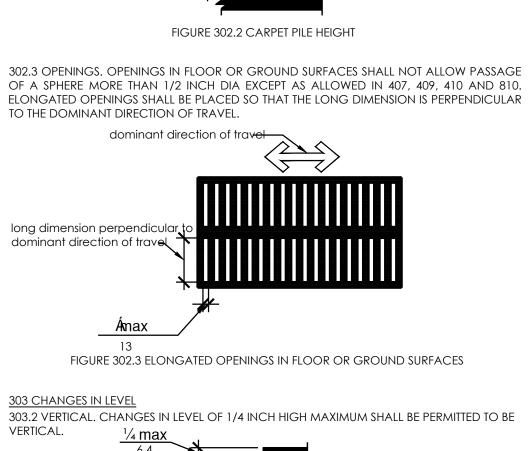
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302.2 CARPET, CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL HAVE A

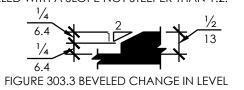
FIRM CUSHION, PAD, OR BACKING OR NO CUSHION OR PAD. CARPET OR CARPET TILE SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, OR LEVEL CUT/ UNCUT PILE TEXTURE.

PILE HEIGHT SHALL BE 1/2 INCH (13mm) MAX. EXPOSED EDGES OF CARPET SHALL BE

FASTENED TO FLOOR SURFACES AND SHALL HAVE TRIM ON THE ENTIRE LENGTH OF THE

FIGURE 303.2 VERT CHANGE IN LEVEL

303.3 BEVELED. CHANGES IN LEVEL BETWEEN 1/4 INCH HIGH MINIMUM AND 1/2 INCH HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.



303.4 RAMPS. CHANGES IN LEVEL GREATER THAN 1/2 INCH HIGH SHALL BE RAMPED, AND SHALL COMPLY WITH 405 OR 406.

304 TURNING SPACE

304.2 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF A TURNING SPACE SHALL COMPLY WITH 302. CHANGES IN LEVELS ARE NOT PERMITTED. EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.

304.3 SIZE. TURNING *SPACE* SHALL COMPLY WITH 304.3.1 OR 304.3.2.

304.3.1 CIRCULATION SPACE. THE TURNING SPACE SHALL BE A SPACE OF 60 INCHES DIAMETER MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306

304.3.2 T-SHAPED SPACE. THE TURNING SPACE SHALL BE A T-SHAPED SPACE WITHIN A 60 INCH SQUARE MINIMUM WITH ARMS AND BASE 36 INCHES WIDE MINIMUM. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 12 INCHES MINIMUM IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24 INCHES MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306 ONLY AT THE END OF EITHER THE BASE OF ONE ARM.

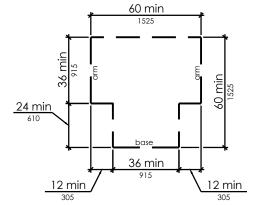


FIGURE 304.3.2 T-SHAPED TURNING SPACE

305 CLEAR FLOOR OR GROUND SPACE

DEPTH EXCEEDS 24 INCHES.

305.3 SIZE. THE CLEAR FLOOR OR GROUND SPACE SHALL BE 30 INCHES MINIMUM BY 48 INCHES MINIMUM.

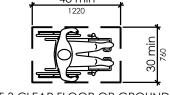


FIGURE 305.3 CLEAR FLOOR OR GROUND SPACE

305.4 KNEE AND TOE CLEARANCE. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306. 305.5 POSITION. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE

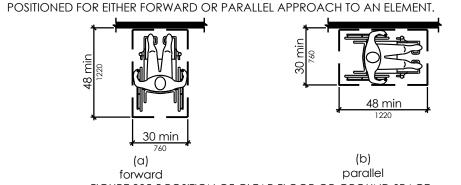


FIGURE 305.5 POSITION OF CLEAR FLOOR OR GROUND SPACE

305.7 MANEUVERING CLEARANCES. WHERE A CLEAR FLOOR OR GROUND SPACE IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING CLEARANCE SHALL BE PROVIDED IN ACCORDANCE WITH 305.7.1 AND 305.7.2. 305.7.1 FORWARD APPROACH. ALCOVES SHALL BE 36 INCHES WIDE MINIMUM WHERE THE

FIGURE 305.7.1 MANEUVERING CLEARANCE IN AN ALCOVE, FORWARD APPROACH

305.7.2 PARALLEL APPROACH. ALCOVES SHALL BE 60 INCHES WIDE MINIMUM WHERE THE DEPTH EXCEEDS 15 INCHES.

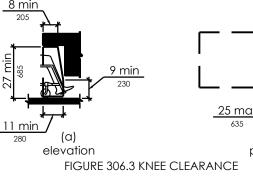


FIGURE 306.2 TOE CLEARANCE

FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1

307 PROTRUDING OBJECTS

306 KNEE AND TOE CLEARANCE

BE CONSIDERED TOE CLEARANCE.

(a) elevation

INCH IN DEPTH FOR EACH 6 INCHES IN HEIGHT.

ELEMENT AT 9 INCHES ABOVE FINISHED FLOOR OR GROUND.

MINIMUM AT 27 INCHES ABOVE FINISHED FLOOR OR GROUND.

306.2 TOE CLEARANCE.

UNDER THE ELEMENT.

306.3 KNEE CLEARANCE.

FI FMFNT

307.2 PROTRUSION LIMITS. OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE FINISHED FLOOR OR GROUND SHALL PROTRUDE 4 INCHES MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH.



307.3 POST-MOUNTED OBJECTS. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS SHALL OVERHANG CIRCULATION PATHS 12 INCHES MAXIMUM WHEN LOCATED 27 INCHES MINIMUM AND 80 INCHES MAXIMUM ABOVE FINISHED FLOOR OR GROUND. WHERE A SIGN OR OTHER OBSTRUCTION IS MOUNTED BETWEEN POSTS OR PYLONS AND THE CLEAR DISTANCE BETWEEN THE POSTS OR PYLONS IS GREATER THAN 12 INCHES, THE LOWEST EDGE OF SUCH SIGN OR OBSTRUCTION SHALL BE 27 INCHES MAXIMUM OR 80 INCHES MINIMUM ABOVE THE FINISHED FLOOR OR GROUND.

EXCEPTION: THE SLOPING PORTIONS OF HANDRAILS SERVING STAIRS AND RAMPS SHALL NOT BE REQUIRED TO COMPLY WITH 307.3.

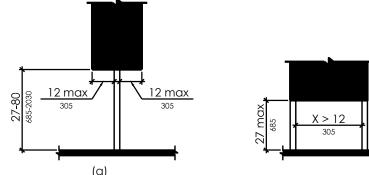
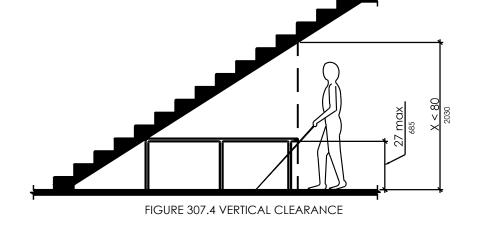


FIGURE 307.3 POST-MOUNTED PROTRUDING OBJECTS 307.4 VERTICAL CLEARANCE. VERTICAL CLEARANCE SHALL BE 80 INCHES HIGH MINIMUM. GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 INCHES HIGH. THE LEADING EDGE OF SUCH GUARDRAIL OR BARRIER SHALL BE LOCATED 27 INCHES MAXIMUM ABOVE THE FINISHED FLOOR OR GROUND EXCEPTION: DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES MINIMUM ABOVE THE FINISHED FLOOR OR GROUND.



308 REACH RANGES 308.2 FORWARD REACH.

308.2.1 UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISHED FLOOR OR GROUND.

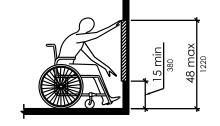
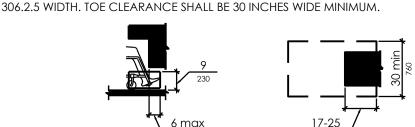


FIGURE 308.2.1 UNOBSTRUCTED FORWARD REACH

EXPOSED EDGE. CARPET EDGE TRIM SHALL COMPLY WITH 303.

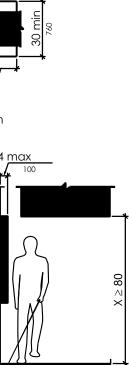
FIGURE 305.7.2 MANEUVERING CLEARANCE IN AN ALCOVE, PARALLEL APPROACH

306.2.2 MAXIMUM DEPTH. TOE CLEARANCE SHALL EXTEND 25 INCHES MAXIMUM UNDER AN 306.2.3 MINIMUM REQUIRED DEPTH. WHERE TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17 INCHES MINIMUM 306.2.4 ADDITIONAL CLEARANCES. SPACE EXTENDING GREATER THAN 6 INCHES BEYOND THE AVAILABLE KNEE CLEARANCE AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT

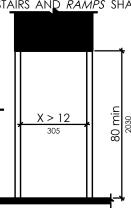


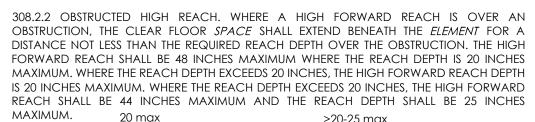
(b) plar

306.3.2 MAXIMUM DEPTH. KNEE CLEARANCE SHALL EXTEND 25 INCHES MAXIMUM UNDER AN 306.3.3 MINIMUM REQUIRED DEPTH. WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11 INCHES DEEP MINIMUM AT 9 INCHES ABOVE THE FINISHED FLOOR OR GROUND, AND 8 INCHES DEEP 306.3.4 CLEARANCE REDUCTION. BETWEEN 9 INCHES AND 27 INCHES ABOVE THE FINISHED



403.5





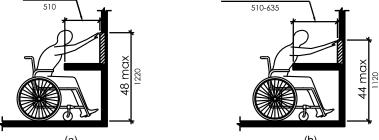


FIGURE 308.2.2 OBSTRUCTED HIGH FORWARD REACH

308.3 SIDE REACH.

308.3.1 UNOBSTRUCTED. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH Shall be 48 inches maximum and the low side reach shall be 15 inches minimum ABOVE THE FINISH FLOOR OR GROUND.

EXCEPTIONS: 1. AN OBSTRUCTION SHALL BE PERMITTED BETWEEN THE CLEAR FLOOR OR GROUND SPACE AND THE ELEMENT WHERE THE DEPTH OF THE OBSTRUCTION IS 10 INCHES MAXIMUM. 2. OPERABLE PARTS OF FUEL DISPENSERS SHALL BE PERMITTED TO BE 54 INCHES MAXIMUM MEASURED FROM THE SURFACE OF THE VEHICULAR WAY WHERE FUEL DISPENSERS ARE INSTALLED ON EXISTING CURBS.

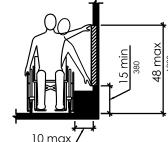
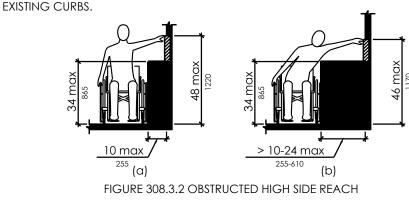


FIGURE 308.3.1 UNOBSTRUCTED SIDE REACH

308.3.2 OBSTRUCTED HIGH REACH. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM FOR A REACH DEPTH OF 10 INCHES MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10 INCHES, THE HIGH SIDE REACH SHALL BE 46 INCHES MAXIMUM FOR A REACH DEPTH OF 24 INCHES MAXIMUM.

EXCEPTIONS: 1. THE TOP OF WASHING MACHINES AND CLOTHES DRYERS SHALL BE PERMITTED TO BE 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR. 2. OPERABLE PARTS OF FUEL DISPENSERS SHALL BE PERMITTED TO BE 54 INCHES MAXIMUM MEASURED FROM THE SURFACE OF THE VEHICULAR WAY WHERE FUEL DISPENSORS ARE INSTALLED ON



403 WALKING SURFACES 403.5 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH

EXCEPTION: WITHIN EMPLOYEE WORK AREAS, CLEARANCES ON COMMON USE CIRCULATION PATHS SHALL BE PERMITTED TO BE DECREASED BY WORK AREA EQUIPMENT PROVIDED THAT THE DECREASE IS ESSENTIAL TO THE FUNCTION OF WORK BEING PERFORMED. 403.5.1 CLEAR WIDTH. EXCEPT AS PROVIDED IN 403.5.2 AND 403.5.3, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36 INCHES MINIMUM

EXCEPTION: THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32 INCHES MINIMUM FOR A LENGTH OF 24 INCHES MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48 INCHES LONG MINIMUM AND 36 INCHES WIDE MINIMUM

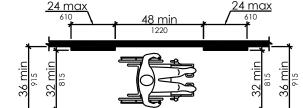
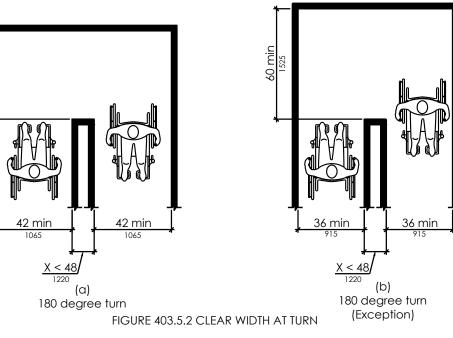


FIGURE 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

403.5.2 CLEAR WIDTH AT TURN. WHERE THE ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAT 48 INCHES WIDE, CLEAR WIDTH SHALL BE 42 INCHES MINIMUM APPROACHING THE TURN, 48 INCHES MINIMUM AT THE TURN AND 42 INCHES MINIMUM LEAVING THE TURN.

EXCEPTION: WHERE THE CLEAR WIDTH AT THE TURN IS 60 INCHES MINIMUM COMPLIANCE WITH 403.5.2 SHALL NOT BE REQUIRED.

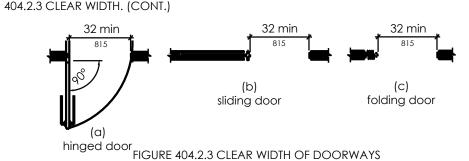


404 DOORS, DOORWAYS AND GATES

404.2.3 CLEAR WIDTH. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES AND 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES.

EXCEPTIONS: 1. IN ALTERATIONS, A PROJECTION OF 5/8 INCH MAXIMUM INTO THE REQUIRED CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP. 2. DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

404 DOORS, DOORWAYS AND GATES



404.2.4 MANEUVERING CLEARANCES. MINIMUM MANEUVERING CLEARANCES AT DOORS AND GATES SHALL COMPLY WITH 404.2.4. MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE. EXCEPTION: ENTRY DOORS TO HOSPITAL PATIENT ROOMS SHALL NOT BE REQUIRED TO PROVIDE THE CLEARANCE BEYOND THE LATCH SIDE OF THE DOOR. 404.2.4.1 SWINGING DOORS AND GATES. SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 404.2.4.1.

TABLE 404.2.4.1 MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES

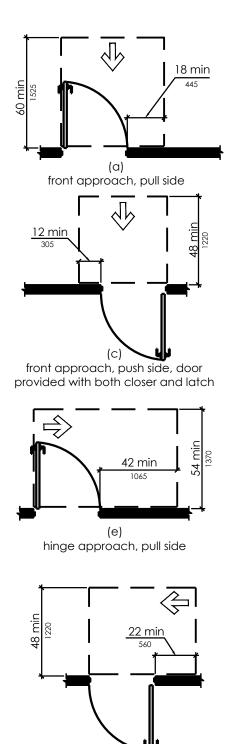
Type of Use		Minimum Maneuvering Clearance	
Approach Direction	Door or Gate Side	Perpendicular to Doorway	Parallel to Doorway (beyond latch side unless noted)
From front	Pull	60 inches (1525 mm)	18 inches (455 mm)
From front	Push	48 inches (1220 mm)	0 inches (0 mm) ¹
From hinge side	Pull	60 inches (1525 mm)	36 inches (915 mm)
From hinge side	Pull	54 inches (1370 mm)	42 inches (1065 mm)
From hinge side	Push	42 inches (1065 mm) ²	22 inches (560 mm) ³
From latch side	Pull	48 inches (1220 mm) ⁴	24 inches (610 mm)
From latch side	Push	42 inches (1065 mm) ⁴	24 inches (610 mm)

1. Add 12 inches (305mm) if closer and latch are provided.

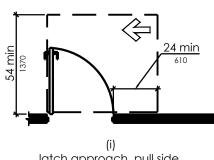
2. Add 6 inches (150mm) if closer and latch are provided. 3. Beyond hinge side.

4. Add 6 inches (150mm) if closer is provided.

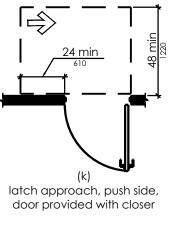
404.2.4.1 SWINGING DOORS AND GATES.

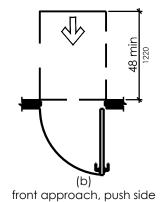


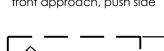
hinge approach, push side, door provided with both closer and latch

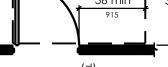


latch approach, pull side, door provided with closer

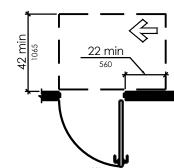




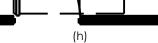




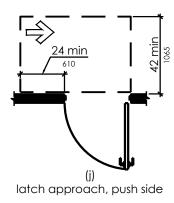
hinge approach, pull side







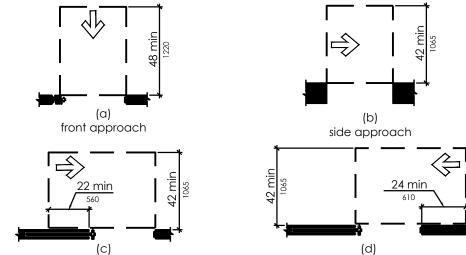
latch approach, pull side





404.2.4.2 DOORWAYS WITHOUT DOORS OR GATES, SLIDING DOORS, AND FOLDING DOORS. DOORWAYS LESS THAN 36 INCHES WIDE WITHOUT DOORS OR GATES, SLIDING DOORS, OR FOLDING DOORS SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 404.2.4.2. TABLE 404.2.4.2 MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS OR GATES, SLIDING DOORS, AND FOLDING DOORS.

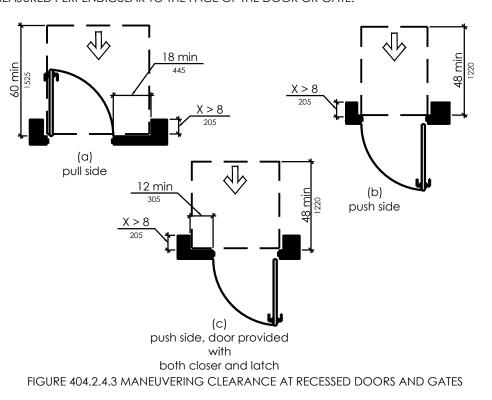
		Minimum Maneuvering Clearance		
	Approach Direction	Perpendicular to Doorway	Parallel to Doorway (beyond stop/ latch side unless noted)	
	From front	48 inches (1220 mm)	0 inches (0 mm)	
	From side ¹	42 inches (1065 mm)	0 inches (0 mm)	
	From pocket/hinge side	42 inches (1065 mm)	22 inches (560 mm) ²	
)	From stop/latch side	42 inches (1065 mm)	24 inches (610 mm)	
	 Doorway with no door or Beyond pocket/ hinge side 			



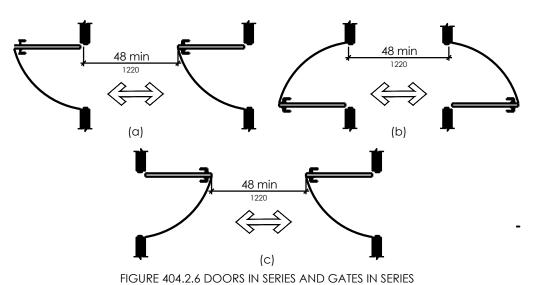
pocket or hinge approach stop or latch approach FIGURE 404.2.4.2 MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS,

404.2.4.3 RECESSED DOORS AND GATES. MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18 INCHES OF THE LATCH SIDE OF A DOORWAY PROJECTS MORE THAN 8 INCHES BEYOND THE FACE OF THE DOOR, MEASURED PERPENDICULAR TO THE FACE OF THE DOOR OR GATE.

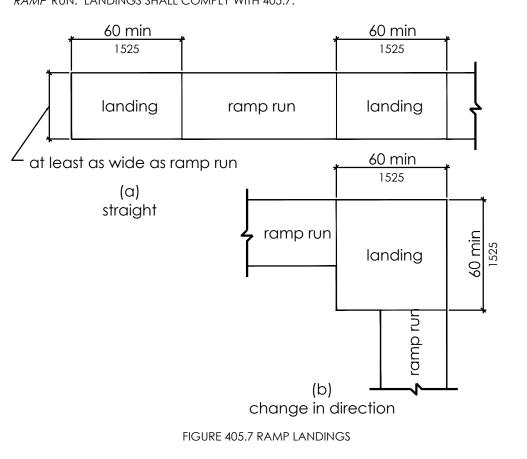
SLIDING DOORS, GATES, AND FOLDING DOORS



404.2.6 DOORS IN SERIES AND GATES IN SERIES. THE DISTANCE BETWEEN TWO HINGED OR PIVOTED DOORS IN SERIES AND GATES IN SERIES SHALL BE 48 INCHES MINIMUM PLUS THE WIDTH OF DOORS OR GATES SWINGING INTO THE SPACE.



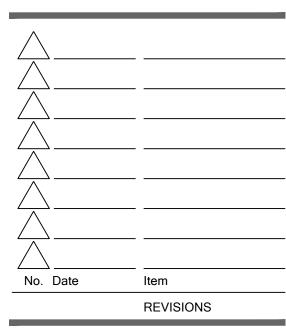
405 RAMPS 405.7 LANDINGS. RAMPS SHALL HAVE LANDINGS AT THE TOP AND THE BOTTOM OF EACH RAMP RUN. LANDINGS SHALL COMPLY WITH 405.7.





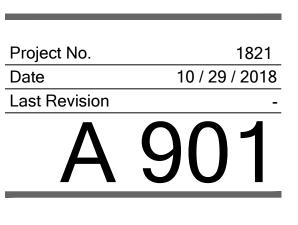
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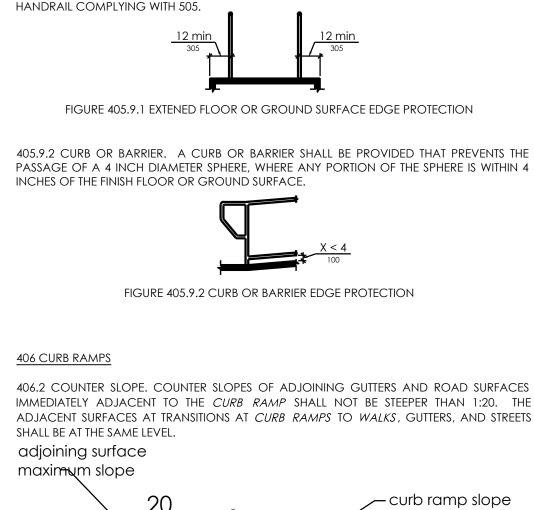
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ACCESSIBILITY STANDARDS





405.9.1 EXTENDED FLOOR OR GROUND SURFACE. THE FLOOR OR GROUND SURFACE OF THE

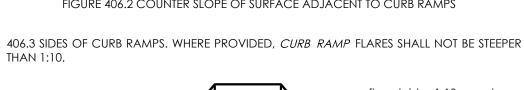
RAMP RUN OR LANDING SHALL EXTEND 12 INCHES MINIMUM BEYOND THE INSIDE FACE OF A



FIGURE 406.2 COUNTER SLOPE OF SURFACE ADJACENT TO CURB RAMPS

THAN 1:10.





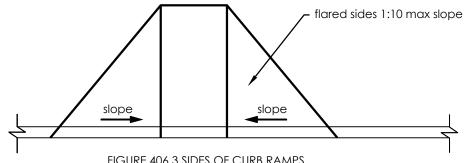


FIGURE 406.3 SIDES OF CURB RAMPS

406.4 LANDINGS. LANDINGS SHALL BE PROVIDED AT THE TOPS OF CURB RAMPS. THE LANDING CLEAR LENGTH SHALL BE 36 INCHES MINIMUM. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE CURB RAMP, EXCLUDING FLARED SIDES, LEADING TO THE LANDING. EXCEPTION: IN ALTERATIONS, WHERE THERE IS NO LANDING AT THE TOP OF CURB RAMPS, CURB RAMP FLARES SHALL BE PROVIDED AND SHALL NOT BE STEEPER THAN 1:12.

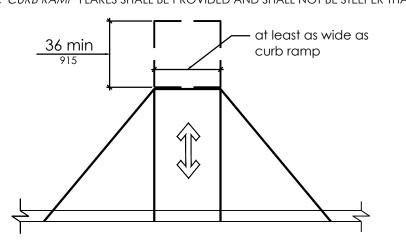


FIGURE 406.4 LANDINGS AT THE TOP OF CURB RAMPS

406.6 DIAGONAL CURB RAMPS. DIAGONAL OR CORNER TYPE CURB RAMPS WITH RETURNED CURBS OR OTHER WELL-DEFINED EDGES SHALL HAVE THE EDGES PARALLEL TO THE DIRECTION OF PEDESTRIAN FLOW. THE BOTTOM OF DIAGONAL CURB RAMPS SHALL HAVE A CLEAR SPACE 48 INCHES MINIMUM OUTSIDE ACTIVE TRAFFIC LANES OF THE ROADWAY. DIAGONAL CURB RAMPS PROVIDED AT MARKED CROSSINGS SHALL PROVIDE THE 48 INCHES MINIMUM CLEAR SPACE WITHIN THE MARKINGS. DIAGONAL CURB RAMPS WITH FLARED SIDES SHALL HAVE A SEGMENT OF CURB 24 INCHES LONG MINIMUM LOCATED ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSING.

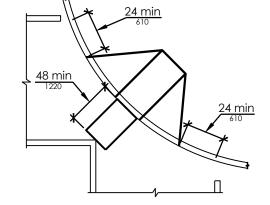
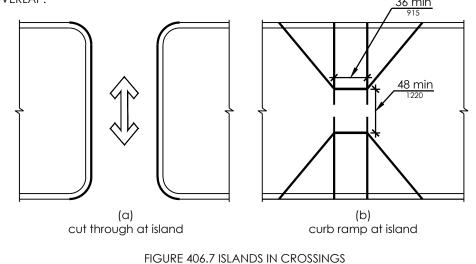
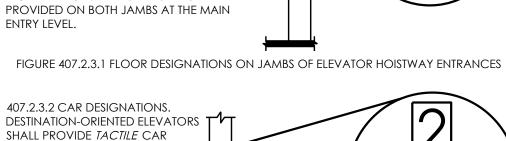


FIGURE 406.6 DIAGONAL OR CORNER TYP CURB RAMPS

406.7 ISLANDS. RAISED ISLANDS IN CROSSINGS SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE CURB RAMPS AT BOTH SIDES. EACH CURB RAMP SHALL HAVE A LEVEL AREA 48 INCHES LONG MINIMUM BY 36 INCHES WIDE MINIMUM AT THE TOP OF THE CURB RAMP IN THE PART OF THE ISLAND INTERSECTED BY THE CROSSINGS. EACH 48 INCH MINIMUM BY 36 INCH MINIMUM AREA SHALL BE ORIENTED SO THAT THE 48 INCH MINIMUM LENGTH IS IN THE DIRECTION OF THE RUNNING SLOPE OF THE CURB RAMP IT SERVES. THE 48 INCH MINIMUM BY 36 INCH MINIMUM AREAS AND THE ACCESSIBLE ROUTE SHALL BE PERMITTED TO OVERLAP.





IDENTIFICATION COMPLYING

WITH 703.2 ON BOTH JAMBS

OF THE HOISTWAY IMMEDIATELY

BELOW THE FLOOR DESIGNATION.

CAR DESIGNATIONS SHALL BE

PROVIDED IN BOTH TACTILE

CHARACTERS AND BRAILLE.

TACTILE CHARACTERS SHALL

BE 2 INCHES HIGH MINIMUM.

ELEVATOR DOORS SHALL COMPLY WITH TABLE 407.4.1.

centered door

new construction

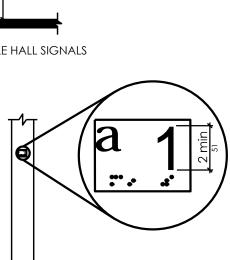
410 PLATFORM LIFTS

DOORS OR GATES.

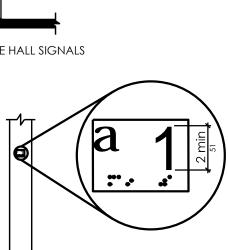
CLEAR WIDTH.

408 LIMITED-USE / LIMITED-APPLICATION ELEVATORS

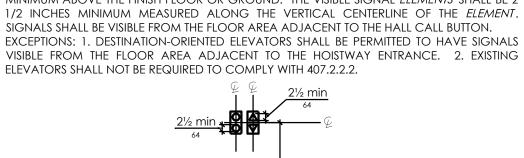
407.2.3.1 FLOOR DESIGNATION. FLOOR DESIGNATIONS COMPLYING WITH 703.2 AND 703.4.1 SHALL BE PROVIDED ON BOTH JAMBS DESIGNATIONS SHALL BE PROVIDED IN BOTH TACTILE CHARACTERS AND BRAILLE. TACTILE CHARACTERS SHALL BE 2 INCHES HIGH MINIMUM. A TACTILE STAR SHALL BE PROVIDED ON BOTH JAMBS AT THE MAIN



407.2.3 HOISTWAY SIGNS. SIGNS AT ELEVATOR HOISTWAYS SHALL COMPLY WITH 407.2.3. OF ELEVATOR HOISTWAY ENTRANCES. FLOOR







DESTINATION-ORIENTED ELEVATOR WHERE A VISIBLE AND AUDIBLE SIGNAL COMPLYING WITH 407.2.2 IS PROVIDED INDICATING THE ELEVATOR CAR DESIGNATION INFORMATION. 2. IN EXISTING ELEVATORS, A SIGNAL INDICATING THE DIRECTION OF CAR TRAVEL SHALL NOT BE REQUIRED. 407.2.2.2 VISIBLE SIGNALS. VISIBLE SIGNAL FIXTURES SHALL BE CENTERED AT 72 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. THE VISIBLE SIGNAL ELEMENTS SHALL BE 2 1/2 INCHES MINIMUM MEASURED ALONG THE VERTICAL CENTERLINE OF THE ELEMENT. SIGNALS SHALL BE VISIBLE FROM THE FLOOR AREA ADJACENT TO THE HALL CALL BUTTON. EXCEPTIONS: 1. DESTINATION-ORIENTED ELEVATORS SHALL BE PERMITTED TO HAVE SIGNALS

407.2.2 HALL SIGNALS. HALL SIGNALS, INCLUDING IN-CAR SIGNALS, SHALL COMPLY WITH 407.2.2. 407.2.2.1 VISIBLE AND AUDIBLE SIGNALS. A VISIBLE AND AUDIBLE SIGNAL SHALL BE PROVIDED AT EACH HOISTWAY ENTRANCE TO INDICATE WHICH CAR IS ANSWERING A CALL AND THE CAR'S DIRECTION OF TRAVEL. WHERE IN-CAR SIGNALS ARE PROVIDED, THEY SHALL BE VISIBLE FROM THE FLOOR AREA ADJACENT TO THE HALL CALL BUTTONS. EXCEPTIONS: 1. VISIBLE AND AUDIBLE SIGNALS SHALL NOT BE REQUIRED AT EACH

407 ELEVATORS

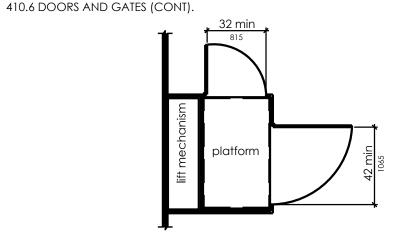


FIGURE 410.6 PLATFORM LIFT DOORS AND GATES

502 PARKING SPACES 502.2 VEHICLE SPACES. CAR PARKING SPACES SHALL BE 96 INCHES WIDE MINIMUM AND VAN PARKING SPACES SHALL BE 132 INCHES WIDE MINIMUM, SHALL BE MARKED TO DEFINE THE WIDTH, AND SHALL HAVE AN ADJACENT ACCESS AISLE COMPLYING WITH 502.3. EXCEPTION: VAN PARKING SPACES SHALL BE PERMITTED TO BE 96 INCHES WIDE MINIMUM WHERE THE ACCESS AISLE IS 96 INCHES WIDE MINIMUM.



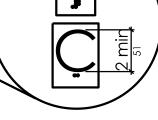
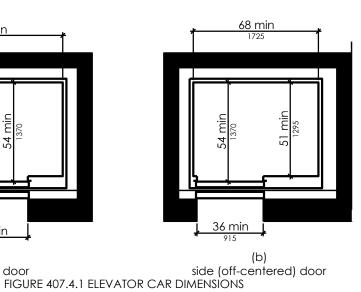


FIGURE 407.2.3.2 CAR DESIGNATION ON JAMBS OF DESTINATION-ORIENTATION ELEVATOR

407.4 ELEVATOR CAR REQUIREMENTS. ELEVATOR CARS SHALL COMPLY WITH 407.4. 407.4.1 CAR DIMENSIONS. INSIDE DIMENSIONS OF ELEVATOR CARS AND CLEAR WIDTH OF



408.4 ELEVATOR CARS. ELEVATOR CARS SHALL COMPLY WITH 408.4. 408.4.1 CAR DIMENSIONS AND DOORS. ELEVATOR CARS SHALL PROVIDE A CLEAR WIDTH 42 INCHES MINIMUM AND A CLEAR DEPTH 54 INCHES MINIMUM. CAR DOORS SHALL BE POSITIONED AT THE NARROW ENDS OF CARS AND SHALL PROVIDE 32 INCHES MINIMUM

EXCEPTIONS: 1. CARS THAT PROVIDE A CLEAR WIDTH 51 INCHES MINIMUM SHALL BE PERMITTED TO PROVIDE A CLEAR DEPTH 51 INCHES MINIMUM PROVIDED THAT CAR DOORS PROVIDE A CLEAR OPENING 36 INCHES WIDE MINIMUM. 2. EXISTING ELEVATOR CARS SHALL BE PERMITTED TO PROVIDE A CLEAR WIDTH 36 INCHES MINIMUM, CLEAR DEPTH 54 INCHES MINIMUM, AND A NET CLEAR PLATFORM AREA 15 SQUARE FEET MINIMUM.

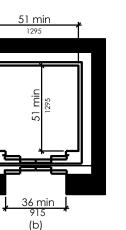
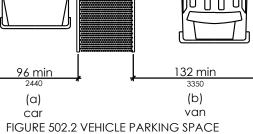


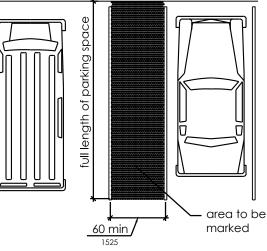
FIGURE 408.4.1 LIMITED-USE / LIMITED-APPLICATION (LULA) ELEVATOR CAR DIMENSIONS

Exception 1

410.6 DOORS AND GATES. PLATFORM LIFTS SHALL HAVE LOW-ENERGY POWER-OPERATED DOORS OR GATES COMPLYING WITH 404.3. DOORS SHALL REMAIN OPEN FOR 20 SECONDS MINIMUM. END DOORS AND GATES SHALL PROVIDE A CLEAR WIDTH 32 INCHES MINIMUM. SIDE DOORS AND GATES SHALL PROVIDE A CLEAR WIDTH 42 INCHES MINIMUM. EXCEPTION: PLATFORM LIFTS SERVING TWO LANDINGS MAXIMUM AND HAVING DOORS OR GATES ON OPPOSITE SIDES SHALL BE PERMITTED TO HAVE SELF-CLOSING MANUAL



502.3 ACCESS AISLE. ACCESS AISLES SERVING PARKING SPACES SHALL COMPLY WITH 502.3. ACCESS AISLES SHALL ADJOIN AN ACCESSIBLE ROUTE. TWO PARKING SPACES SHALL BE PERMITTED TO SHARE A COMMON ACCESS AISLE.



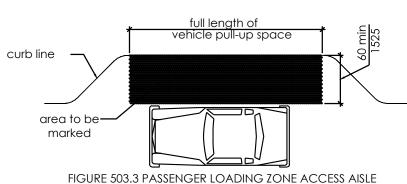
502.3.1 WIDTH. ACCESS AISLES SERVING CAR AND VAN PARKING SPACES SHALL BE 60 INCHES WIDE MINIMUM. 502.3.2 LENGTH. ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE PARKING SPACES THEY SERVE 502.3.3 MARKING. ACCESS AISLES SHALL BE MARKED SO AS TO DISCOURAGE PARKING IN

FIGURE 502.3 PARKING SPACE ACCESS AISLE

503 PASSENG<u>ER LOADING ZONE</u>

503.2 VEHICLE PULL-UP SPACE. PASSENGER LOADING ZONES SHALL PROVIDE A VEHICULAR PULL-UP SPACE 96 INCHES WIDE MINIMUM AND 20 FEET LONG MINIMUM. 503.3 ACCESS AISLE. PASSENGER LOADING ZONES SHALL PROVIDE ACCESS AISLES COMPLYING WITH 503 ADJACENT TO THE VEHICLE PULL-UP SPACE. ACCESS AISLES SHALL ADJOIN AN ACCESSIBLE ROUTE AND SHALL NOT OVERLAP THE VEHICULAR WAY. 503.3.1 WIDTH. ACCESS AISLES SERVING VEHICLE PULL-UP SPACES SHALL BE 60 INCHES WIDE

MINIMUM 503.3.2 LENGTH. ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE VEHICLE PULL-UP SPACES THEY SERVE. 503.3.3 MARKING. ACCESS AISLES SHALL BE MARKED SO AS TO DISCOURAGE PARKING IN THEM.

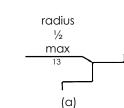


504 STAIRWAY 504.1 GENERAL. STAIRS SHALL COMPLY WITH 504.

504.2 TREADS AND RISERS. ALL STEPS ON A FLIGHT OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS. RISERS SHALL BE 4 INCHES HIGH MINIMUM AND 7 INCHES HIGH MAXIMUM. TREADS SHALL BE 11 INCHES DEEP MINIMUM. 504.3 OPEN RISERS. OPEN RISERS ARE NOT PERMITTED.

504.4 TREAD SURFACE. STAIR TREADS SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED

EXCEPTION: TREADS SHALL BE PERMITTED TO HAVE A SLOPE NOT STEEPER THAN 1:48. 504.5 NOSINGS. THE RADIUS OF CURVATURE AT THE LEADING EDGE OF THE TREAD SHALL BE 1/2 INCH MAXIMUM. NOSINGS THAT PROJECT BEYOND RISERS SHALL HAVE THE UNDERSIDE OF THE LEADING EDGE CURVED OR BEVELED. RISERS SHALL BE PERMITTED TO SLOPE UNDER THE TREAD AT AN ANGLE OF 30 DEGREES MAXIMUM FROM VERTICAL. THE PERMITTED PROJECTION OF THE NOSING SHALL EXTEND 1 1/2 INCHES (38 MM) MAXIMUM OVER THE TREAD BELOW.



radius of tread edge (typical for all profiles)

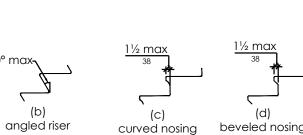
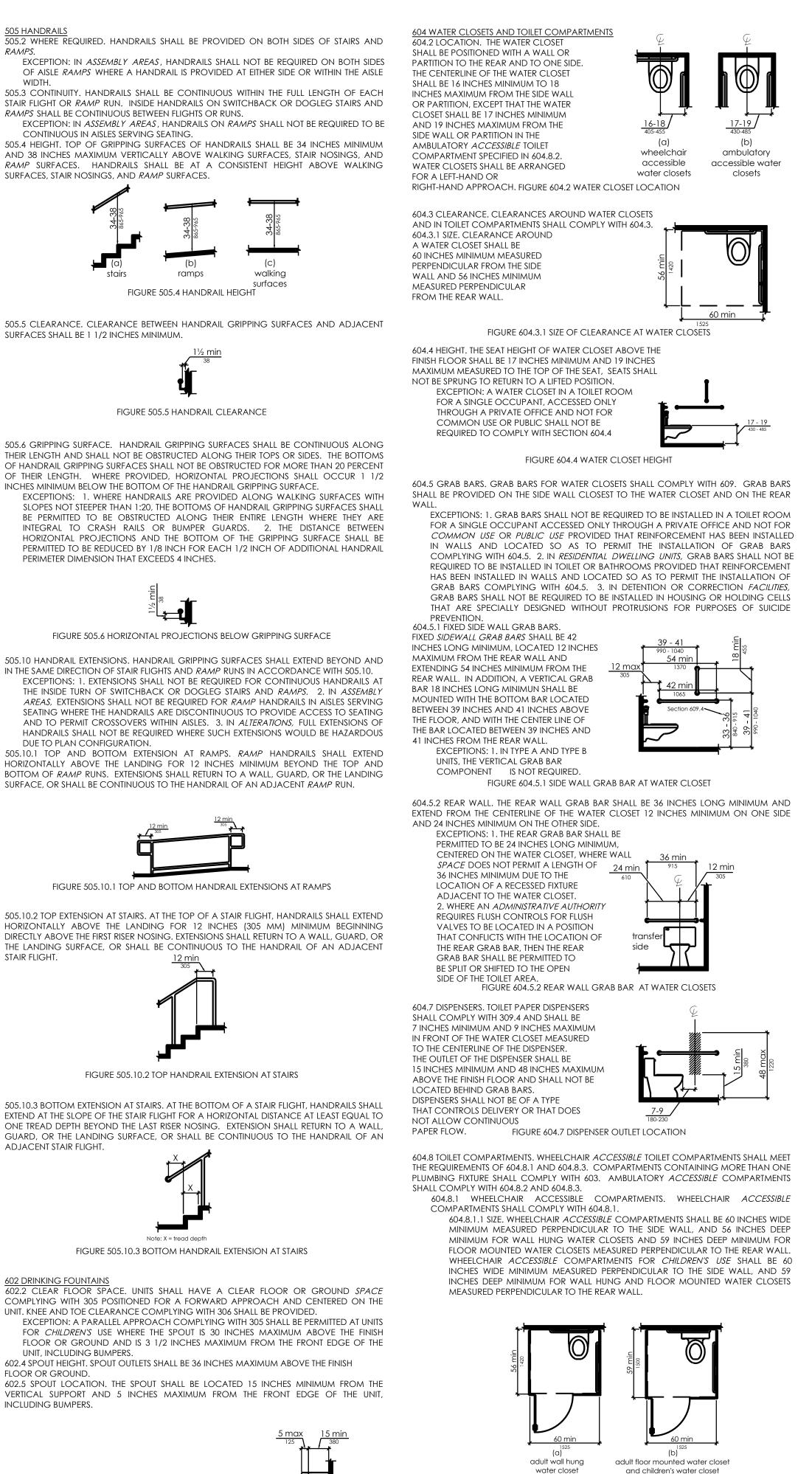
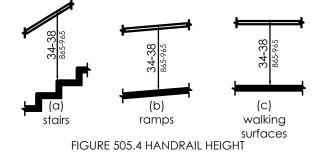


FIGURE 504.5 STAIR NOSINGS



- RAMPS SHALL BE CONTINUOUS BETWEEN FLIGHTS OR RUNS.

SURFACES, STAIR NOSINGS, AND RAMP SURFACES.

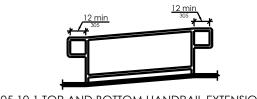


SURFACES SHALL BE 1 1/2 INCHES MINIMUM.



INCHES MINIMUM BELOW THE BOTTOM OF THE HANDRAIL GRIPPING SURFACE.









UNIT. KNEE AND TOE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDED.

INCLUDING BUMPERS.



FIGURE 602.5 DRINKING FOUNTAIN SPOUT LOCATION

FIGURE 604.8.1.1 SIZE OF WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT



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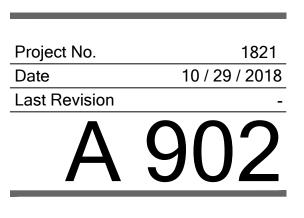
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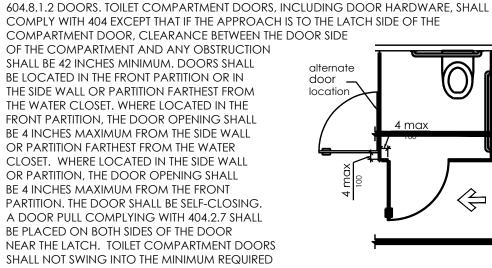
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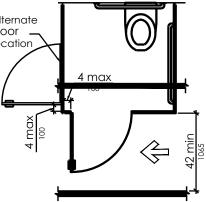
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ACCESSIBILITY STANDARDS



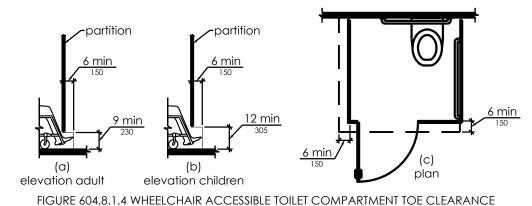


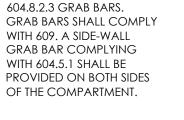


COMPARTMENT AREA. FIGURE 604.8.1.2 WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT

604.8.1.4 TOE CLEARANCE. THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF 9 INCHES MINIMUM ABOVE THE FINISH FLOOR AND 6 INCHES DEEP MINIMUM BEYOND THE COMPARTMENT-SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUPPORT MEMBERS. COMPARTMENTS FOR CHILDREN'S USE SHALL PROVIDE A TOE CLEARANCE OF 12 INCHES MINIMUM ABOVE THE FINISH FLOOR.

EXCEPTION: TOE CLEARANCE AT THE FRONT PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 62 INCHES DEEP WITH A WALL-HUNG WATER CLOSET OR 65 INCHES DEEP WITH A FLOOR-MOUNTED WATER CLOSET. TOE CLEARANCE AT THE SIDE PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 66 INCHES WIDE. TOE CLEARANCE AT THE FRONT PARTITION IS NOT REQUIRED IN A COMPARTMENT FOR CHILDREN'S USE THAT IS GREATER THAN 65 INCHES DEEP.





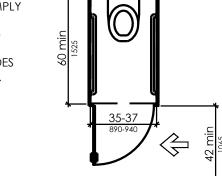
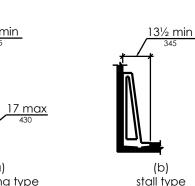


FIGURE 604.8.2 AMBULATORY ACCESSIBLE TOILET COMPARTMENT

605.2 HEIGHT AND DEPTH URINALS SHALL BE THE STALL-TYPE OR THE WALL-HUNG TYPE WITH THE RIM 17 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. URINALS SHALL BE 13 1/2 INCHES DEEP MINIMUM MEASURED FROM THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE.



wall hung type FIGURE 605.2 HEIGHT AND DEPTH OF URINALS

607.2 CLEARANCE. CLEARANCE IN FRONT OF BATHTUBS SHALL EXTEND THE LENGTH OF THE BATHTUB AND SHALL BE 30 INCHES WIDE MINIMUM. A LAVATORY COMPLYING WITH 606 SHALL BE PERMITTED AT THE CONTROL END OF THE CLEARANCE. WHERE A PERMANENT SEAT IS PROVIDED AT THE HEAD END OF THE BATHTUB, THE CLEARANCE SHALL EXTEND 12 INCHES MINIMUM BEYOND THE WALL AT THE HEAD END OF THE BATHTUB.

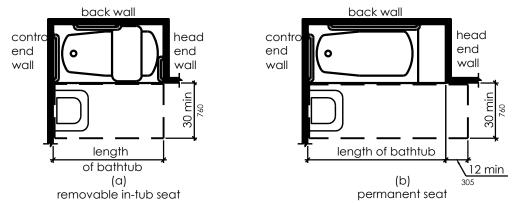


FIGURE 607.2 CLEARANCE FOR BATHTUBS

607.3 SEAT. A PERMANENT SEAT AT THE HEAD END OF THE BATHTUB OR A REMOVABLE IN-TUB SEAT SHALL BE PROVIDED. SEATS SHALL COMPLY WITH 610. 607.4 GRAB BARS. GRAB BARS FOR BATHTUBS SHALL COMPLY WITH 609 AND SHALL BE PROVIDED IN ACCORDANCE WITH 607.4.1 OR 607.4.2.

EXCEPTIONS: 1. GRAB BARS SHALL NOT BE REQUIRED TO BE INSTALLED IN A BATHTUB LOCATED IN A BATHING FACILITY FOR A SINGLE OCCUPANT ACCESSED ONLY THROUGH A PRIVATE OFFICE AND NOT FOR COMMON USE OR PUBLIC USE PROVIDED THAT REINFORCEMENT HAS BEEN INSTALLED IN WALLS AND LOCATED SO AS TO PERMIT THE INSTALLATION OF GRAB BARS COMPLYING WITH 607A. 2. IN RESIDENTIAL DWELLING UNITS, GRAB BARS SHALL NOT BE REQUIRED TO BE INSTALLED IN BATHTUBS LOCATED IN BATHING FACILITIES PROVIDED THAT REINFORCEMENT HAS BEEN INSTALLED IN WALLS AND LOCATED SO AS TO PERMIT THE INSTALLATION OF GRAB BARS COMPLYING WITH 607.4.

607.4.1 BATHTUBS WITH PERMANENT SEATS. FOR BATHTUBS WITH PERMANENT SEATS, GRAB BARS SHALL BE PROVIDED IN ACCORDANCE WITH 607.4.1. 607.4.1.1 BACK WALL. TWO GRAB BARS SHALL BE INSTALLED ON THE BACK WALL, ONE LOCATED IN ACCORDANCE WITH 609.4 AND THE OTHER LOCATED 8 INCHES MINIMUM AND 10 INCHES MAXIMUM ABOVE THE RIM OF THE BATHTUB. EACH GRAB BAR SHALL BE INSTALLED 15 INCHES MAXIMUM FROM THE HEAD END WALL AND 12 INCHES MAXIMUM FROM THE CONTROL END WALL. 607.4.1.2 CONTROL END WAIL. A GRAB BAR 24 INCHES LONG MINIMUM SHALL BE

INSTALLED ON THE CONTROL END WALL AT THE FRONT EDGE OF THE BATHTUB.

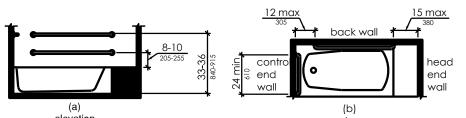


FIGURE 607.4.1 GRAB BARS FOR BATHTUBS WITH PERMANENT SEATS

607.4.2 BATHTUBS WITHOUT PERMANENT SEATS. FOR BATHTUBS WITHOUT PERMANENT SEATS, GRAB BARS SHALL COMPLY WITH 607.4.2. 607.4.2.1 BACK WALL. TWO GRAB BARS SHALL BE INSTALLED ON THE BACK WALL, ONE LOCATED IN ACCORDANCE WITH 609.4 AND OTHER LOCATED 8 INCHES MINIMUM AND 10 INCHES MAXIMUM ABOVE THE RIM OF THE BATHTUB. EACH GRAB BAR SHALL BE 24 INCHES LONG MINIMUM AND SHALL BE INSTALLED 24 INCHES MAXIMUM FROM THE HEAD END WALL AND 12 INCHES MAXIMUM FROM THE CONTROL END WALL. 607.4.2.2 CONTROL END WALL. A GRAB BAR 24 INCHES LONG MINIMUM SHALL BE INSTALLED ON THE CONTROL END WALL AT THE FRONT EDGE OF THE BATHTUB. 607.4.2.3 HEAD END WALL. A GRAB BAR 12 INCHES LONG MINIMUM SHALL BE INSTALLED ON THE HEAD END WALL AT THE FRONT EDGE OF THE BATHTUB.

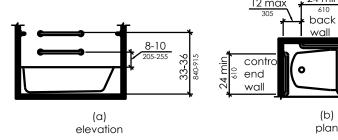




FIGURE 607.5 BATHTUB CONTROL LOCATION

607.5 CONTROLS. CONTROLS, OTHER THAN DRAIN STOPPERS, SHALL BE ontrol LOCATED ON AN END WALL. CONTROLS SHALL BE BETWEEN THE BATHTUB RIM AND GRAB BAR, AND BETWEEN THE OPEN SIDE OF THE BATHTUB AND THE CENTERLINE OF THE WIDTH OF THE BATHTUB. CONTROLS SHALL COMPLY WITH 309.4.



SHOWER COMPARTMENTS. SHOWER COMPARTMENTS SHALL HAVE SIZES AND CLEARANCES COMPLYING WITH 608.2. 608.2.1 TRANSFER TYPE SHOWER COMPARTMENTS. TRANSFER TYPE SHOWER COMPARTMENTS SHALL BE 36 INCHES BY 36 INCHES CLEAR INSIDE DIMENSIONS MEASURED AT THE CENTER POINTS wall OF OPPOSING SIDES AND SHALL HAVE A 36 INCH WIDE MINIMUM ENTRY ON THE FACE OF THE SHOWER COMPARTMENT. CLEARANCE OF 36 INCHES WIDE MINIMUM BY 48 INCHES LONG MINIMUM MEASURED FROM THE CONTROL WALL SHALL BE PROVIDED.

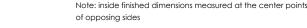
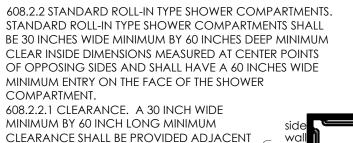
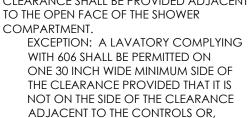
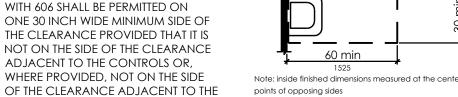


FIGURE 608.2.1 TRANSFER TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE







SHOWER SEAT FIGURE 608.2.2 STANDARD ROLL-IN TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE

608.2.3 AITERNATE ROII-IN TYPE SHOWER COMPARTMENTS. ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENTS SHALL BE 36 INCHES WIDE AND 60 INCHES DEEP MINIMUM CLEAR INSIDE DIMENSIONS MEASURED AT CENTER POINTS OF OPPOSING SIDES. A 36 INCH WIDE MINIMUM ENTRY SHALL BE PROVIDED AT ONE END OF THE LONG SIDE OF THE COMPARTMENT.

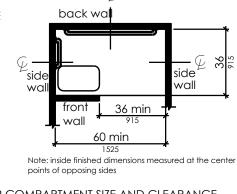
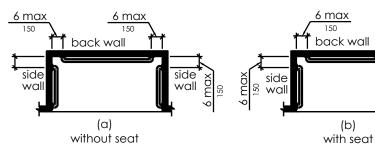
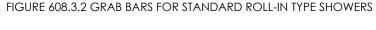


FIGURE 608.2.3 ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE

608.3.2 STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS. WHERE A SEAT IS PROVIDED IN STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS, GRAB BARS SHALL BE PROVIDED ON THE BACK WALL AND THE SIDE WALL OPPOSITE THE SEAT. GRAB BARS SHALL NOT BE PROVIDED ABOVE THE SEAT. WHERE A SEAT IS NOT PROVIDED IN STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS, GRAB BARS SHALL BE PROVIDED ON THREE WALLS. GRAB BARS SHALL BE INSTALLED 6 INCHES MAXIMUM FROM ADJACENT WALLS.





SHOWER COMPARTMENTS, GRAB BARS SHALL BE PROVIDED ON THE BACK WALL AND THE SIDE WALL FARTHEST FROM THE COMPARTMENT ENTRY. GRAB BARS SHALL NOT BE PROVIDED ABOVE THE SEAT. GRAB BARS SHALL BE INSTALLED 6 INCHES MAXIMUM FROM ADJACENT WALLS.

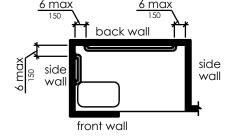
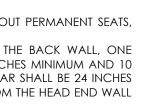
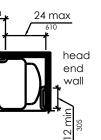


FIGURE 608.3.3 GRAB BARS FOR ALTERNATE ROLL-IN TYPE SHOWERS





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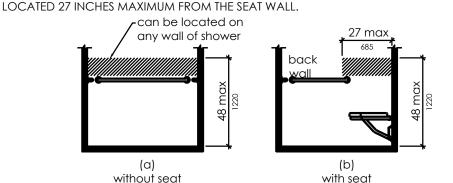


FIGURE 608.5.1 TRANSFER TYPE SHOWER COMPARTMENT CONTROL LOCATION

608.5.2 STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS. IN STANDARD ROLL-IN TYPE

SHOWER COMPARTMENTS, THE CONTROLS, FAUCETS, AND SHOWER SPRAY UNIT SHALL BE

LOCATED ABOVE THE GRAB BAR, BUT NO HIGHER THAN 48 INCHES ABOVE THE SHOWER

FLOOR. WHERE A SEAT IS PROVIDED, THE CONTROLS, FAUCETS, AND SHOWER SPRAY UNIT

SHALL BE INSTALLED ON THE BACK WALL ADJACENT TO THE SEAT WALL AND SHALL BE

side wall

FIGURE 608.5.2 STANARD ROLL-IN TYPE SHOWER COMPARTMENT CONTROL LOCATION

608.5.3 ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENTS. IN ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENTS, THE CONTROLS, FAUCETS, AND SHOWER SPRAY UNIT SHALL BE LOCATED ABOVE THE GRAB BAR, BUT NO HIGHER THAN 48 INCHES ABOVE THE SHOWER FLOOR. WHERE A SEAT IS PROVIDED, THE CONTROLS, FAUCETS, AND SHOWER SPRAY UNIT Shall be located on the side wall adjacent to the seat 27 inches maximum from THE SIDE WALL BEHIND THE SEAT OR SHALL BE LOCATED ON THE BACK WALL OPPOSITE THE SEAT 15 INCHES MAXIMUM, LEFT OR RIGHT, OF THE CENTERLINE OF THE SEAT. WHERE A SEAT IS NOT PROVIDED, THE CONTROLS, FAUCETS, AND SHOWER SPRAY UNIT SHALL BE INSTALLED ON

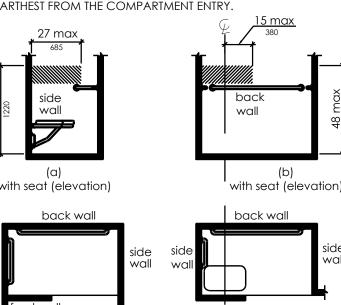


FIGURE 608.5.3 ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENT CONTROL LOCATION

without seat (plan)

SO9 GRAB BARS 609.1 GENERAL. GRAB BARS IN TOILET FACILITIES AND BATHING FACILITIES SHALL COMPLY WITH 609. 609.2 CROSS SECTION. GRAB BARS SHALL HAVE A CROSS SECTION COMPLYING WITH 609.2.1 OR 609.2.2. 609.2.1 CIRCULAR CROSS SECTION. GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE

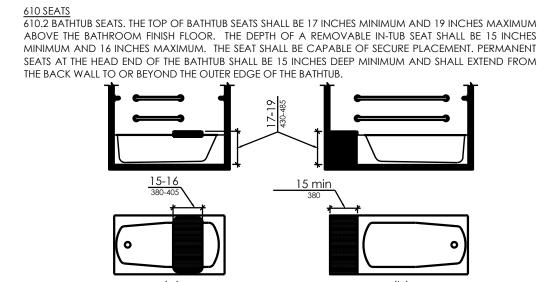
DIAMETER OF 1-1/4 INCHES NOMINAL MINIMUM AND 2 INCHES MAXIMUM. 609.2.2 NON-CIRCULAR **CROSS SECTION. GRAB BARS** WITH NON-CIRCULAR CROSS SECTIONS SHALL HAVE A **CROSS-SECTION DIMENSION OF** 2 INCHES MAXIMUM AND A PERIMETER DIMENSION OF



609.3 SPACING. THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 1/2 INCHES. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1 1/2 INCHES MINIMUM. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12 INCHES MINIMUM. EXCEPTION: THE SPACE BETWEEN THE GRAB BARS AND SHOWER CONTROLS, SHOWER FITTINGS, AND OTHER GRAB BARS ABOVE SHALL BE PERMITTED TO BE 1 1/2 INCHES MINIMUM.

projecting objects recessed objects FIGURE 609.3 SPACING OF GRAB BARS

609.4 POSITION OF GRAB BARS. GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 INCHES MINIMUM AND 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE, EXCEPT THAT AT WATER CLOSETS FOR CHILDREN'S USE COMPLYING WITH 604.9, GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION 18 INCHES MINIMUM AND 27 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE. THE HEIGHT OF THE LOWER GRAB BAR ON THE BACK WALL OF A BATHTUB SHALL COMPLY WITH 607.4.1.1 OR 607.4.2.1.



Removable In-Tub Seat Permanent Seat FIGURE 610.2 BATHTUB SEATS

610.3 SHOWER COMPARTMENT SEATS. WHERE A SEAT IS PROVIDED IN A STANDARD ROLL-IN SHOWER COMPARTMENT, IT SHALL BE A FOLDING TYPE, SHALL BE INSTALLED ON THE SIDE WALL ADJACENT TO THE CONTROLS, AND SHALL EXTEND FROM THE BACK WALL TO A POINT WITHIN 3 INCHES OF THE COMPARTMENT ENTRY. WHERE A SEAT IS PROVIDED IN AN ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENT, IT SHALL BE A FOLDING TYPE, SHALL BE INSTALLED ON THE FRONT WALL OPPOSITE

THE BACK WALL, AND SHALL EXTEND FROM THE ADJACENT SIDE WALL TO A POINT WITHIN 3 INCHES OF THE COMPARTMENT ENTRY. IN TRANSFER-TYPE SHOWERS, THE SEAT SHALL EXTEND FROM THE BACK WALL TO A POINT WITHIN 3 INCHES OF THE COMPARTMENT ENTRY. THE TOP OF THE SEAT SHALL BE 17 INCHES MINIMUM AND 19 INCHES MAXIMUM ABOVE THE BATHROOM FINISH FLOOR. SEATS SHALL COMPLY WITH 610.3.1 OR 610.3.2.

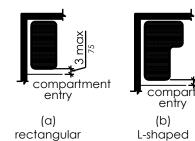


FIGURE 610.3 EXTENT OF SEATS

610.3.1 RECTANGULAR SEATS. THE REAR EDGE OF A RECTANGULAR SEAT SHALL BE 2 1/2 INCHES MAXIMUM AND THE FRONT EDGE 15 INCHES MINIMUM AND 16 INCHES MAXIMUM FROM THE SEAT WALL. THE SIDE EDGE OF THE SEAT SHALL BE 1 1/2 INCHES MAXIMUM FROM THE ADJACENT WALL.

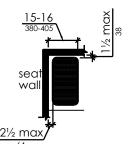
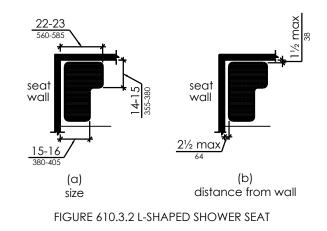


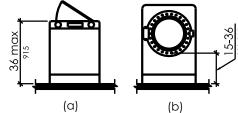
FIGURE 610.3.1 RECTANGULAR SHOWER SEAT

610.3.2 L-SHAPED SEATS. THE REAR EDGE OF AN L-SHAPED SEAT SHALL BE 2 1/2 INCHES MAXIMUM AND THE FRONT EDGE 15 INCHES MINIMUM AND 16 INCHES MAXIMUM FROM THE SEAT WALL. THE REAR EDGE OF THE "L" PORTION OF THE SEAT SHALL BE 1 1/2 INCHES MAXIMUM FROM THE WALL AND THE FRONT EDGE SHALL BE 14 INCHES MINIMUM AND 15 INCHES MAXIMUM FROM THE WALL. THE END OF THE "L" SHALL BE 22 INCHES MINIMUM AND 23 INCHES MAXIMUM FROM THE MAIN SEAT WALL.



611.2 CLEAR FLOOR SPACE. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 POSITIONED FOR PARALLEL APPROACH SHALL BE PROVIDED. THE CLEAR FLOOR OR GROUND SPACE SHALL BE CENTERED ON THE APPLIANCE. 611.3 OPERABLE PARTS. OPERABLE PARTS, INCLUDING DOORS, LINT SCREENS, AND

DETERGENT AND BLEACH COMPARTMENTS SHALL COMPLY WITH 309. 611.4 HEIGHT. TOP LOADING MACHINES SHALL HAVE THE DOOR TO THE LAUNDRY COMPARTMENT LOCATED 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR. FRONT LOADING MACHINES SHALL HAVE THE BOTTOM OF THE OPENING TO THE LAUNDRY COMPARTMENT LOCATED 15 INCHES MINIMUM AND 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR.



top loading front loading FIGURE 611.4 HEIGHT OF LAUNDRY COMPARTMENT OPENING

03.1 GENERAL. SIGNS SHALL COMPLY WITH 703. WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SEPARATE SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED.

703.2 RAISED CHARACTERS. RAISED CHARACTERS SHALL COMPLY WITH 703.2 AND SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH 703.3. RAISED CHARACTERS SHALL BE INSTALLED IN ACCORDANCE WITH 703.4. 703.2.1 DEPTH. RAISED CHARACTERS SHALL BE 1/32 INCH (0.8 MM) MINIMUM ABOVE THEIR BACKGROUND

703.2.2 CASE. CHARACTERS SHALL BE UPPERCASE. 703.2.3 STYLE. CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS. 703.2.4 CHARACTER PROPORTIONS. CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 55 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". 703.2.5 CHARACTER HEIGHT. CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8 INCH (16 MM) MINIMUM AND 2 INCHES (51 MM) MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I".

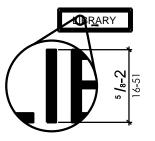


FIGURE 703.2.5 HEIGHT OF RAISED CHARACTERS

703.3 BRAILLE. BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH 703.3 703.3.2 POSITION. BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE SEPARATED 3/8 INCH MINIMUM FROM ANY OTHER TACTILE CHARACTERS AND 3/8 INCH MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS EXCEPTION: BRAILLE PROVIDED ON ELEVATOR CAR CONTROLS SHALL BE SEPARATED 3/16 INCH MINIMUM AND SHALL BE LOCATED EITHER DIRECTLY BELOW OR ADJACENT TO THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS.

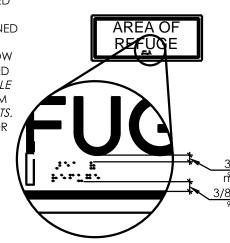
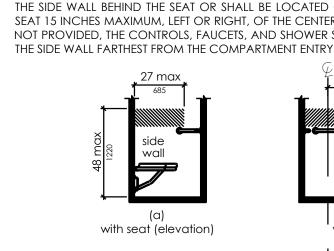


FIGURE 703.3.2 POSITION OF BRAILLE



608.5 CONTROLS. CONTROLS, FAUCETS, AND

IN TRANSFER TYPE SHOWER COMPARTMENTS,

THE CONTROLS, FAUCETS, AND SHOWER

SPRAY UNIT SHALL BE INSTALLED ON

38 INCHES MINIMUM AND 48 INCHES

FROM THE CENTERLINE OF THE SEAT

TOWARD THE SHOWER OPENING.

MAXIMUM ABOVE THE SHOWER FLOOR

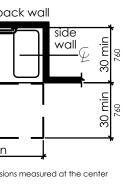
THE CONTROL WALL 15 INCHES MAXIMUM

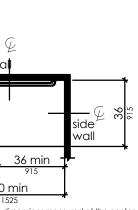
THE SIDE WALL OPPOSITE THE SEAT

AND SHALL BE LOCATED ON

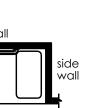
SHOWER SPRAY UNITS SHALL COMPLY WITH 309.4.

608.5.1 TRANSFER TYPE SHOWER COMPARTMENTS.







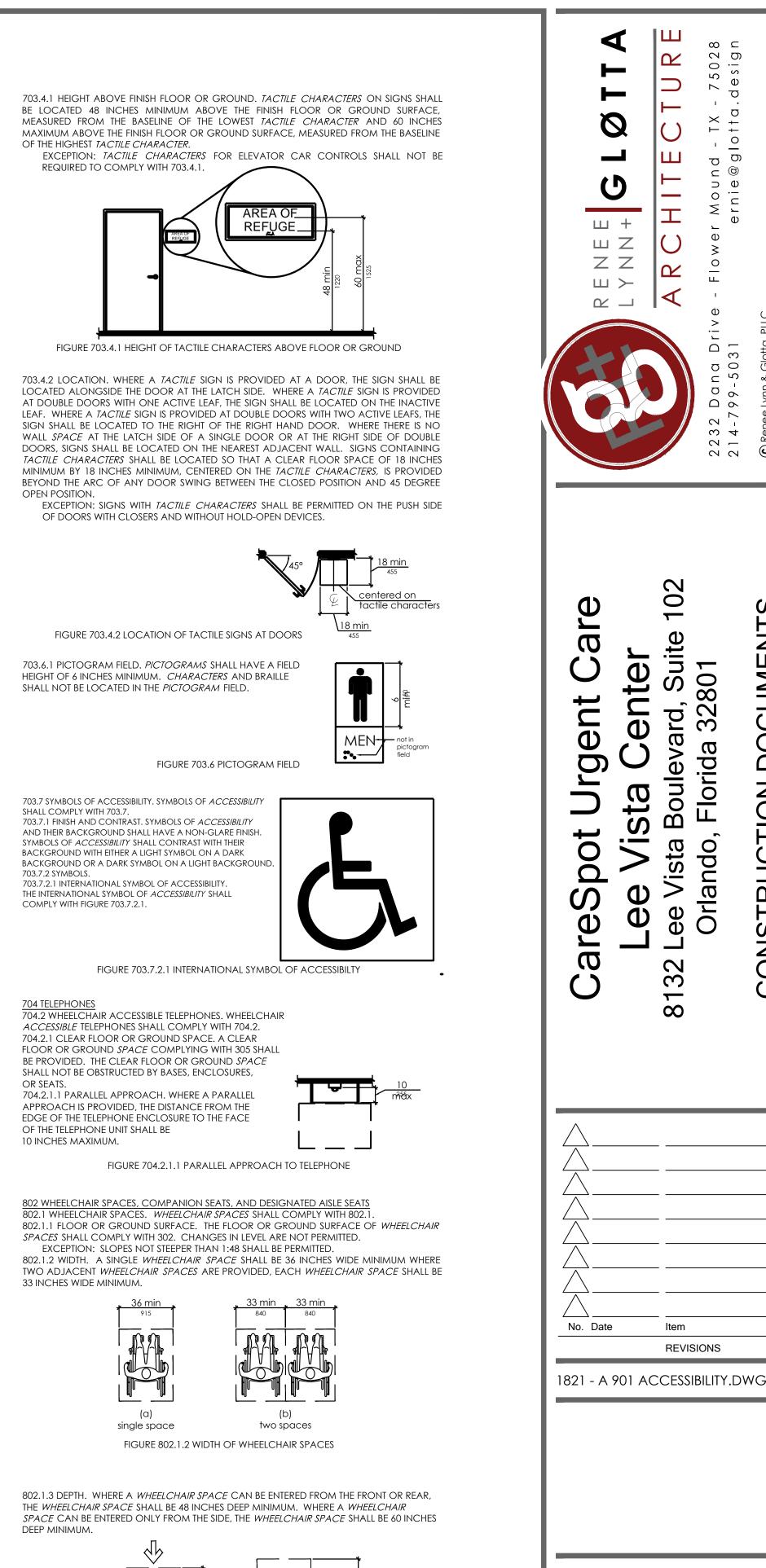


608.3.3 ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENTS. IN ALTERNATE ROLL-IN TYPE

front wall

with seat (plan)

4-4.8 perimet



UME

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 \square

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ACCESSIBILITY

STANDARDS

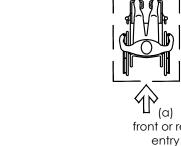
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10 / 29 / 2018

Project No.

Last Revision

Date



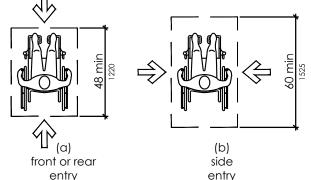


FIGURE 802.1.3 DEPTH OF WHEELCHAIR SPACES IN ASSEMBLY AREAS