

## TARWATER VETERINARIAN CLINIC **802 E. CRINER STREET GRANDVIEW, TEXAS 76050**

## MAGEE ARCHITECTS, L. P. **DESIGNERS • PLANNERS • INTERIORS**

LOCATION MAP (35E) 287 (199) (30) 820 183 20 Fort Worth 20 45 (**35W**) 35E NORTH Grandview **TARWATER VETERINARIAN CLINIC** E College St 802 E. CRINER ST. Wittiams St Grandview **GRANDVIEW, TX 76050** 35W NORTH

acous Alum ALT ADJ ΑD AGG ASPH BOT BASMT ΒM BD BLDG CAB СІ CLG CEM CJ CMU C O COL CONC CONST C T CONT CONTR СS DET DIM DN DS ΕW ELEC EWC ELEV ΕJ EXT FIN FLR FD ftg FV GALV GΙ GA GYP HC

НM

S	- ACOUSTIC	НМАС
	- ALUMINUM	
		HORIZ
		I D Insul
		INT
		JST
		JT
		lam Mull
		MH
	- BUILDING	MFG
	07.00.00	MO
		MAX M T
		MIN
	- CONTROL JOINT	MISC
	- CENTER LINE	NIC
	- CONCRETE MASONRY UNIT	OPG
		0 D
		PLAS
•	- CONCRETE	PL
Γ	- CONSTRUCTION	ri Pol
	- CERAMIC TILE - CONTINUOUS	FUL
R		REINF
	0 0 0	RD
		spec sched
	- DIMENSION - DOWN	SECT
		STD
		STRUCT
	22201100	STL STL PL
	- ELECTRIC WATER COOLER	TERR
	- ELEVATION	ТНК
	- EXPANSION JOINT	T&G
		TYP VCT
	- FINISH(ED) - FLOOR	VCI
	- FLOOR DRAIN	VERT
	- FOOTING	VWC
	- FIELD VERIFY	
	- GALVANIZED - GALVANIZED IRON	VEST VOL
	- GAUGE	WH
	- GLASS; GLAZED	WC
	- GYPSUM	WDW W P
	- HANDICAPPED - HEIGHT	WD
	- HOLLOW METAL	W/
		YD

ABBREVIATIONS

CONCRETE - HORIZONTAL INSIDE DIAMETER - INSULATION - INTERIOR

- HOT MIX ASPHALTIC

- JOIST JOINT
- LAMINATED - MULLION
- MANHOLE
- MANUFACTURER - MASONRY OPENING
- MAXIMUM
- METAL THRESHOLD
- MINIMUM - MISCELLANEOUS - NOT IN CONTRACT - ON CENTER
- OPENING - OUTSIDE DIAMETER
- PLASTER - PLATE
- POINT
- POLISHED - radius
- REINFORCED
- ROOF DRAIN - SPECIFICATION
- SCHEDULE
- Section - STANDARD
- STRUCTURAL
- STEEL - STEEL PLATE
- TERRAZZO
- THICK
- TONGUE & GROOVE - TYPICAL - VINYL COMPOSITION TILE
- VERTICAL
- VINYL WALL COVERING
- VESTIBULE
- VOLUME - WATER HEATER
- WATER CLOSET
- WINDOW - WORKING POINT - WOOD
- WITH
- YARD

YD

## **BUILDING DATA:**

**BUILDING CODE:** MECHANICAL CODE: PLUMBING CODE: ELECTRICAL CODE: ENERGY CODE: FIRE CODE:

2015 INTERNATIONAL BUILDING CODE WITH COG AMENDMENTS 2015 INTERNATIONAL MECHANICAL CODE WITH COG AM 2015 INTERNATIONAL PLUMBING CODE WITH COG AMENDMENTS 2017 NATIONAL ELECTRICAL CODE WITH COG AMENDMENTS 2015 INTERNATIONAL ENERGY CODE WITH COG AMENDMENTS 2015 INTERNATIONAL FIRE CODE WITH COG AMENDMENTS

**BUILDING AREA:** 

5,375 SQ. FT. UNDER ROOF (4,880 SQ. FT. A/C)

CONSTRUCTION TYPE:	V-B
OCCUPANCY:	В
FIRE SPRINKLER SYSTEM:	NO
OCCUPANT LOAD:	49
REQUIRED # OF EXITS:	2
FIRE RATING EXTERIOR LOAD BEARING:	0 HOUR
FIRE RATING INTERIOR LOAD BEARING:	0 HOUR
SITE EXISTING ZONING TYPE	C-3

ADD ALTERNATE #1: • STONE CLAD CORNER COLUMNS AT COLUMN LINES A3 AND A6 4 SCONCES ON STONE CLAD CORNER COLUMNS ALUMINUM TRELLIS ON BOTH SIDES OF THE ENTRY CANOPY

## SYMBOLS LEGEND

(A5)

 $\sim$  .  $\sim$ 

Х....Х

000

(101)

 $\langle 0 \rangle$ 

FIN. FLR.

J1/D103

1/A101

D15 A103

### **INDEX OF DRAWINGS ARCHITECTURAL SITE PLAN - DIMENSION CONTROL** SP101

WALL SECTION LOCATION AND NUMBER	SP102	SITE DETAILS
DETAIL INDICATION AND NUMBER	A001 A002 A003 A004	TAS SCHEDULE ROOM FINISH & DOOR SCHEDULE, TYPES WINDOW SCHEDULE & DETAILS DOOR DETAILS
room number	A101 A102 A103	FLOOR PLAN ROOF PLAN AND PARTIAL FLOOR PLAN FLOOR FINISH PLAN
DOOR NUMBER	A201	EXTERIOR ELEVATIONS
	A301	ENLARGE PLANS AND TOILET ELEVATIONS
WINDOW DESIGNATION	A401	REFLECTED CEILING PLAN
FINISHED FLOOR ELEVATION	A501 A502 A503	BUILDING SECTIONS WALL SECTIONS AND DETAILS SECTIONS AND DETAILS
ELEVATION INDICATION	A601 A602	MILLWORK ELEVATIONS MILLWORK DETAILS
	F101	FURNITURE PLAN (FOR REFERENCE ONLY)
WALL TYPE REVISION NUMBER	S001 S101 S102 S301	GENERAL NOTES, DESIGN CRITERIA, & MATERIAL FOUNDATION PLAN, SECTION AND DETAILS ENTRY CANOPY FRAMING PLAN, SECTION AND DI FOUNDATION, SECTIONS AND DETAILS
IMAGE NUMBER/SHEET NUMBER	M001 M002 M201 M501	MECHANICAL GENERAL NOTES MECHANICAL SCHEDULES MECHANICAL FLOOR PLAN MECHANICAL DETAILS
	P001 P002 P200 P201 P401	PLUMBING GENERAL NOTES AND LEGENDS PLUMBING SCHEDULES UNDER FLOOR PLUMBING PLAN PLUMBING PLAN PLUMBING RISER DIAGRAMS AND DETAILS
	E001 E002 E003 E200 E201	ELECTRICAL GENERAL NOTES AND ABBREVIATIO ELECTRICAL DETAILS ELECTRICAL PANELS, SCHEDULES ELECTRICAL SITE LAYOUT ELECTRICAL POWER FLOOR PLAN



## SET NUMBER

ELECTRICAL LIGHTING FLOOR PLAN LIGHTING DETAILS

E202 E301

AL SPECIFICATIONS DETAILS

ONS

**BID SET** 



10						
12	13	14	15	16	1	18
	1			1		

PRELIMINARY TXDOT INFORMATION BUSINESS: VET CLINIC

HOURS OF OPERATION: UP TO 12 HOURS, RANGING FROM 7am - 7pm MAXIMUM ANTICIPATED CARS PER HOUR 1 TO 4

BUILDING FOOTPRINT UNDER ROOF = 5,375 SF

BUILDING INTERIOR SQ. FT. (A/C)=

4,880 SF

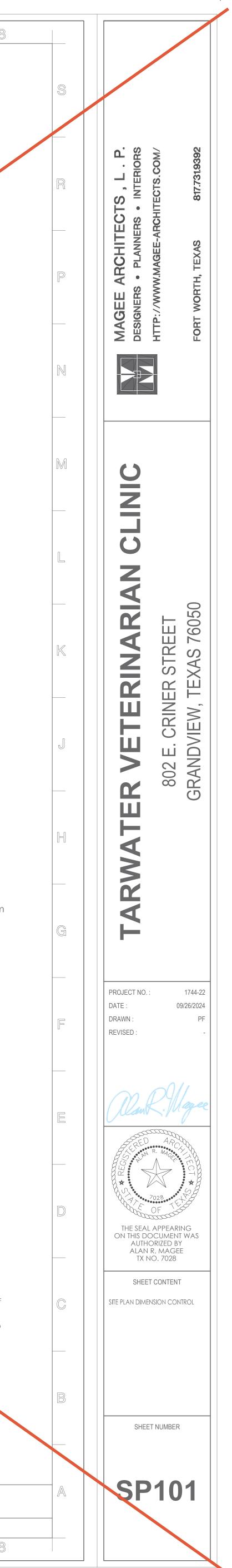
1 PER 3 REQUIRED PARKING = 15PROVIDED PARKING=

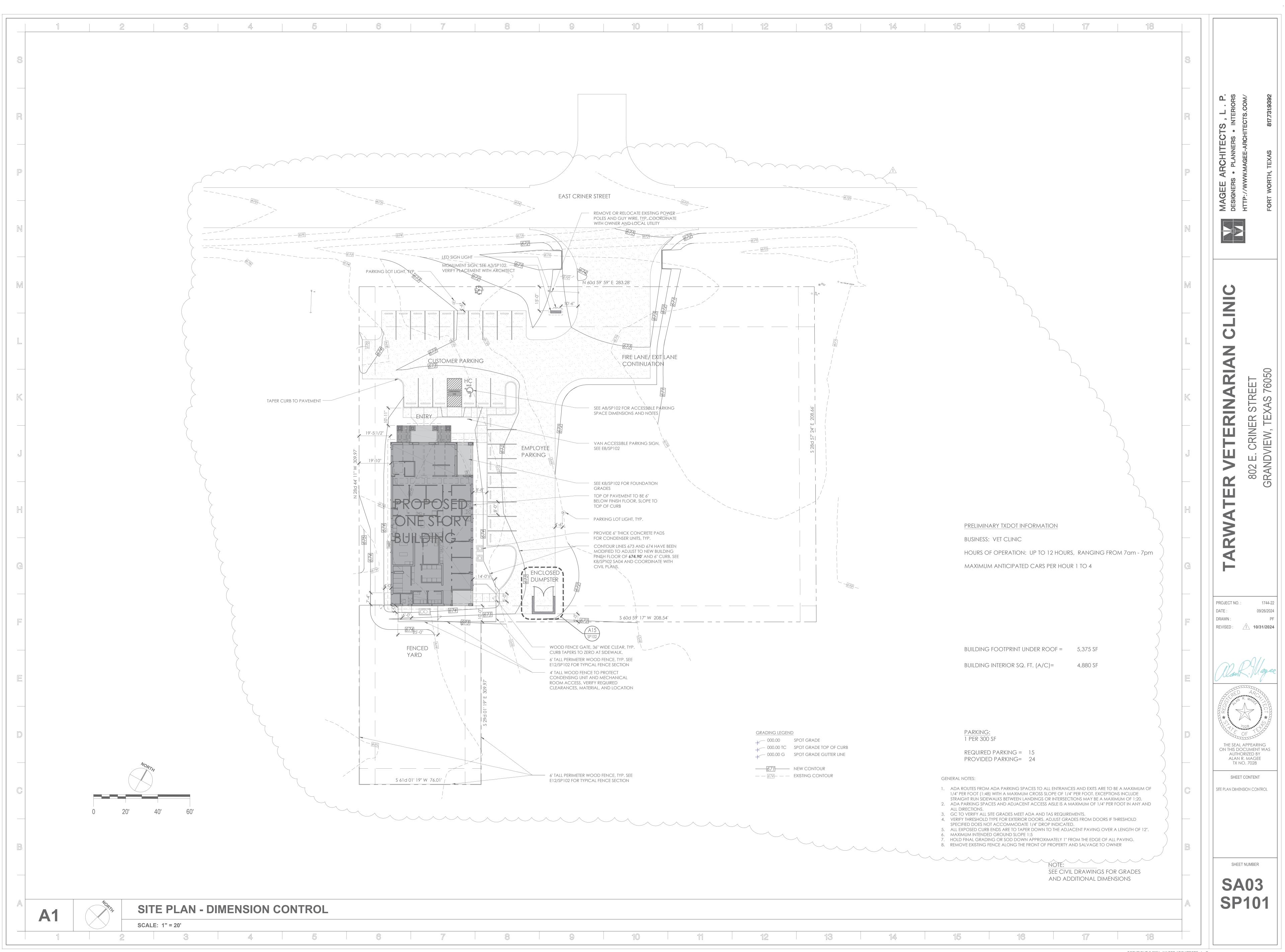
GENERAL NOTES:

- ADA ROUTES FROM ADA PARKING SPACES TO ALL ENTRANCES AND EXITS ARE TO BE A MAXIMUM OF 1/4" PER FOOT (1:48) WITH A MAXIMUM CROSS SLOPE OF 1/4" PER FOOT. EXCEPTIONS INCLUDE STRAIGHT RUN SIDEWALKS BETWEEN LANDINGS OR INTERSECTIONS MAY BE A MAXIMUM OF 1:20.
- 2. ADA PARKING SPACES AND ADJACENT ACCESS AISLE IS A MAXMUM OF 1/4" PER FOOT IN ANY AND ALL DIRECTIONS. 3. VERIFY THRESHOLD TYPE FOR EXTERIOR DOORS. ADJUST GRADES FROM DOORS IF THRESHOLD
- SPECIFIED DOES NOT ACCOMMODATE 1/4" DROP INDICATED. 4. ALL EXPOSED CURB ENDS ARE TO TAPER DOWN TO THE ADJACENT PAVING OVER A LENGTH OF 12".
- 5. MAXIMUM INTENDED GROUND SLOPE 1:5 6. HOLD FINAL GRADING OR SOD DOWN APPROXIMATELY 1" FROM THE EDGE OF ALL PA

NOTE: SEE CIVIL DRAWINGS FOR GRADES and additional dimensions

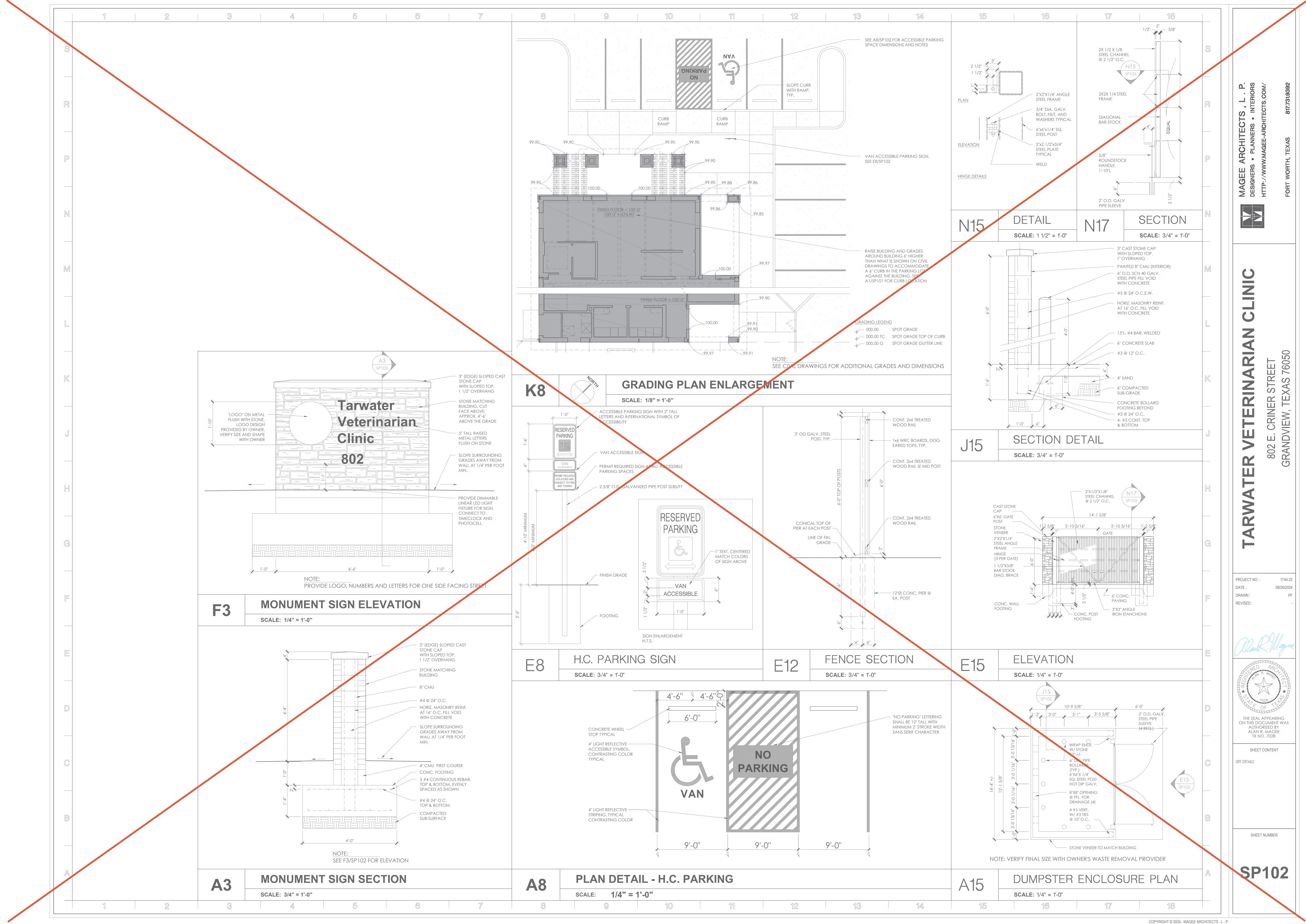
12	3	14	15	16	17	18

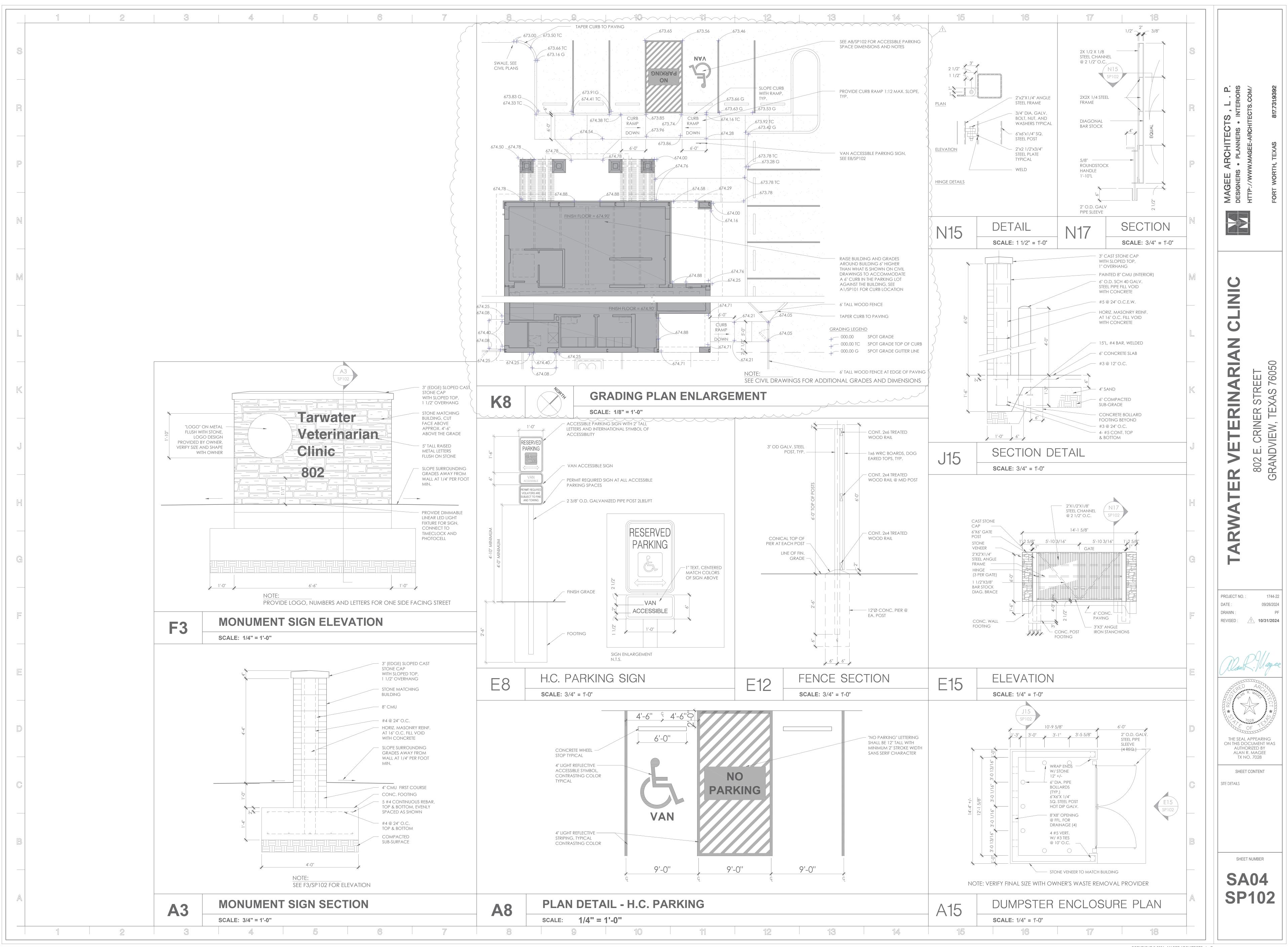




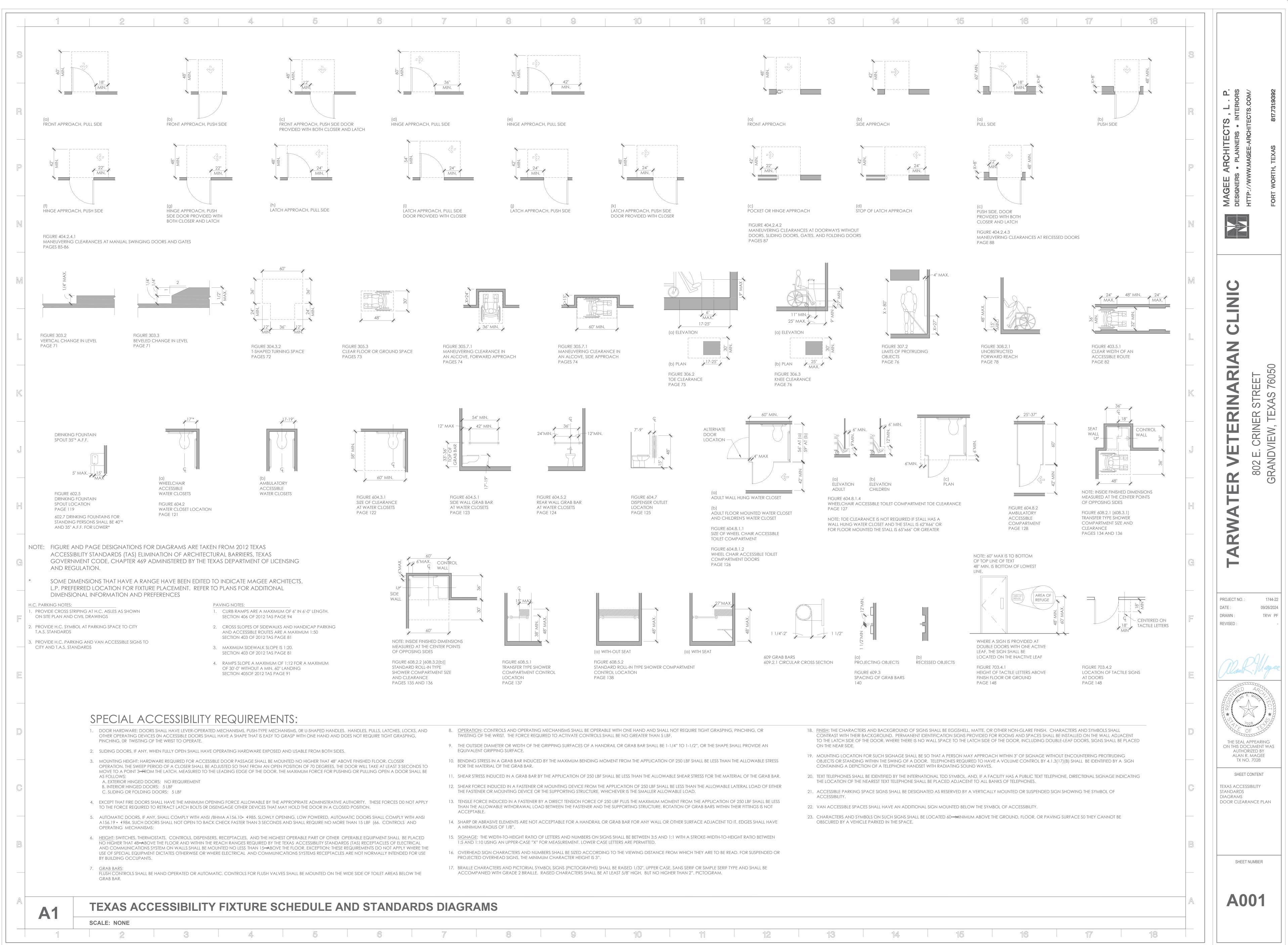
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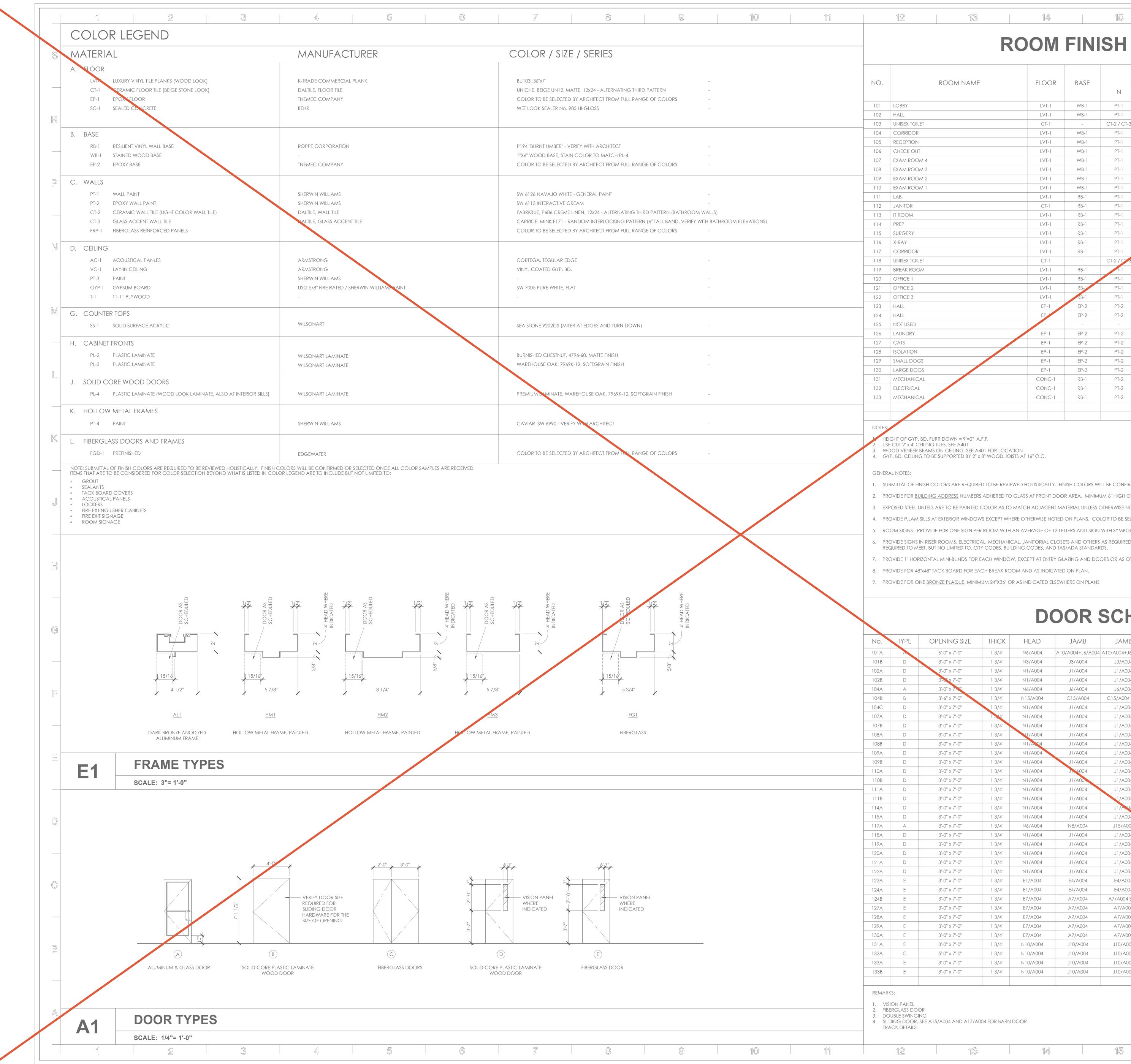


D	ST	AN	DA	RDS	DIA	GR	AMS

6	7	8	9	10	11	

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						PYRIGHT © 2024. M/

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## **ROOM FINISH SCHEDULE**

				WA	ALLS			CLG.		
ROOM NAME	FLOOR	BASE	Ν	E	S	W	CLG.	HT.	NO.	
 LOBBY	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	T-1	VARIES	101	3
 HALL	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	AC-1/GYP-1	9'-8''	102	1
 UNISEX TOILET	CT-1	-	CT-2 / CT-3	CT-2 / CT-3	CT-2 / CT-3	CT-2 / CT-3	AC-1	9'-0''	103	
 CORRIDOR	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	AC-1/GYP-1	9'-8''	104	1,2
 RECEPTION	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	T-1	VIRIES	105	3
 CHECK OUT	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	T-1	VARIES	106	3
 EXAM ROOM 4	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	AC	9'-8''	107	
 EXAM ROOM 3	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	108	
EXAM ROOM 2	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	109	
EXAM ROOM 1	LVT-1	WB-1	PT-1	PT-1	PT-1	PT	AC-1	9'-8''	110	
 LAB	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	111	
JANITOR	CT-1	RB-1	PT-1	FRP-1	FRP-1	FRP-1	VC-1	9'-8''	112	
 IT ROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	GYP-1	9'-8''	113	4
PREP	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	114	
SURGERY	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	115	
X-RAY	LVT-1	RB-1	PT-1	P1-1	PT-1	PT-1	AC-1	9'-8''	116	
CORRIDOR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	117	
UNISEX TOILET	CT-1	-	CT-2 / CT 3	CT-2 / CT-3	CT-2 / CT-3	CT-2 / CT-3	AC-1	9'-0''	118	
BREAK ROOM	LVT-1	RB-1	1-1	PT-1	PT-1	PT-1	AC-1	9'-8''	119	
OFFICE 1	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	120	
OFFICE 2	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	121	
OFFICE 3	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	122	
HALL	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	VC-1	9'-8''	123	
HALL	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	VC-1	9'-8''	124	
NOT USED	_	-	-	-	-	-	-	-	125	
LAUNDRY	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	VC-1	9'-8''	126	
CATS	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	VC-1	9'-8''	127	
ISOLATION	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	GYP-1	9'-8''	128	4
SMALL DOGS	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	VC-1	9'-8''	129	
LARGE DOGS	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	VC-1	9'-8''	130	
MECHANICAL	CONC-1	RB-1	PT-2	PT-2	PT-2	PT-2	GYP-1	9'-8''	131	4
ELECTRICAL	CONC-1	RB-1	PT-2	PT-2	PT-2	PT-2	GYP-1	9'-8''	132	4
MECHANICAL	CONC-1	RB-1	PT-2	PT-2	PT-2	PT-2	GYP-1	9'-8''	133	4
										-

HEIGHT OF GYP. BD. FURR DOWN = 9'=0" A.F.F. USE CUT 2' x 4' CEILING TILES, SEE A401

3. WOOD VENEER BEAMS ON CEILING, SEE A401 FOR LOCATION 4. GYP. BD. CEILING TO BE SUPPORTED BY 2" x 8" WOOD JOISTS AT 16" O.C.

GENERAL NOTES:

1. SUBMITTAL OF FINISH COLORS ARE REQUIRED TO BE REVIEWED HOLISTICALLY. FINISH COLORS WILL BE CONFIRMED OR SELECTED ONCE ALL COLOR SAMPLES ARE RECEIVED.

2. PROVIDE FOR BUILDING ADDRESS NUMBERS ADHERED TO GLASS AT FRONT DOOR AREA. MINIMUM 6" HIGH OR AS REQUIRED BY LOCAL ORDINANCE.

3. EXPOSED STEEL LINTELS ARE TO BE PAINTED COLOR AS TO MATCH ADJACENT MATERIAL UNLESS OTHERWISE NOTED ON PLANS.

4. PROVIDE P.LAM SILLS AT EXTERIOR WINDOWS EXCEPT WHERE OTHERWISE NOTED ON PLANS. COLOR TO BE SELECTED.

5. ROOM SIGNS - PROVIDE FOR ONE SIGN PER ROOM WITH AN AVERAGE OF 12 LETTERS AND SIGN WITH SYMBOL AT EACH RESTROOM, SIGNS SHALL COMPLY WITH TAS/ADA REQUIREMENTS.

6. PROVIDE SIGNS IN RISER ROOMS, ELECTRICAL, MECHANICAL, JANITORIAL CLOSETS AND OTHERS AS REQUIRED BY CITY CODE OFFICIALS, FIRE MARSHAL, AND ANY OTHER GOVERNING ENTITIES THAT ARE REQUIRED TO MEET, BUT NO LIMITED TO, CITY CODES, BUILDING CODES, AND TAS/ADA STANDARDS.

7. PROVIDE 1" HORIZONTAL MINI-BLINDS FOR EACH WINDOW, EXCEPT AT ENTRY GLAZING AND DOORS OR AS OTHERWISE INDICATED ON PLANS. COLOR TO BE SELECTED FROM SAMPLES PROVIDED IN SUBMITTAL. 8. PROVIDE FOR 48"x48" TACK BOARD FOR EACH BREAK ROOM AND AS INDICATED ON PLAN.

9. PROVIDE FOR ONE <u>BRONZE PLAQUE</u>, MINIMUM 24"X36" OR AS INDICATED ELSEWHERE ON PLANS

## **DOOR SCHEDULE**

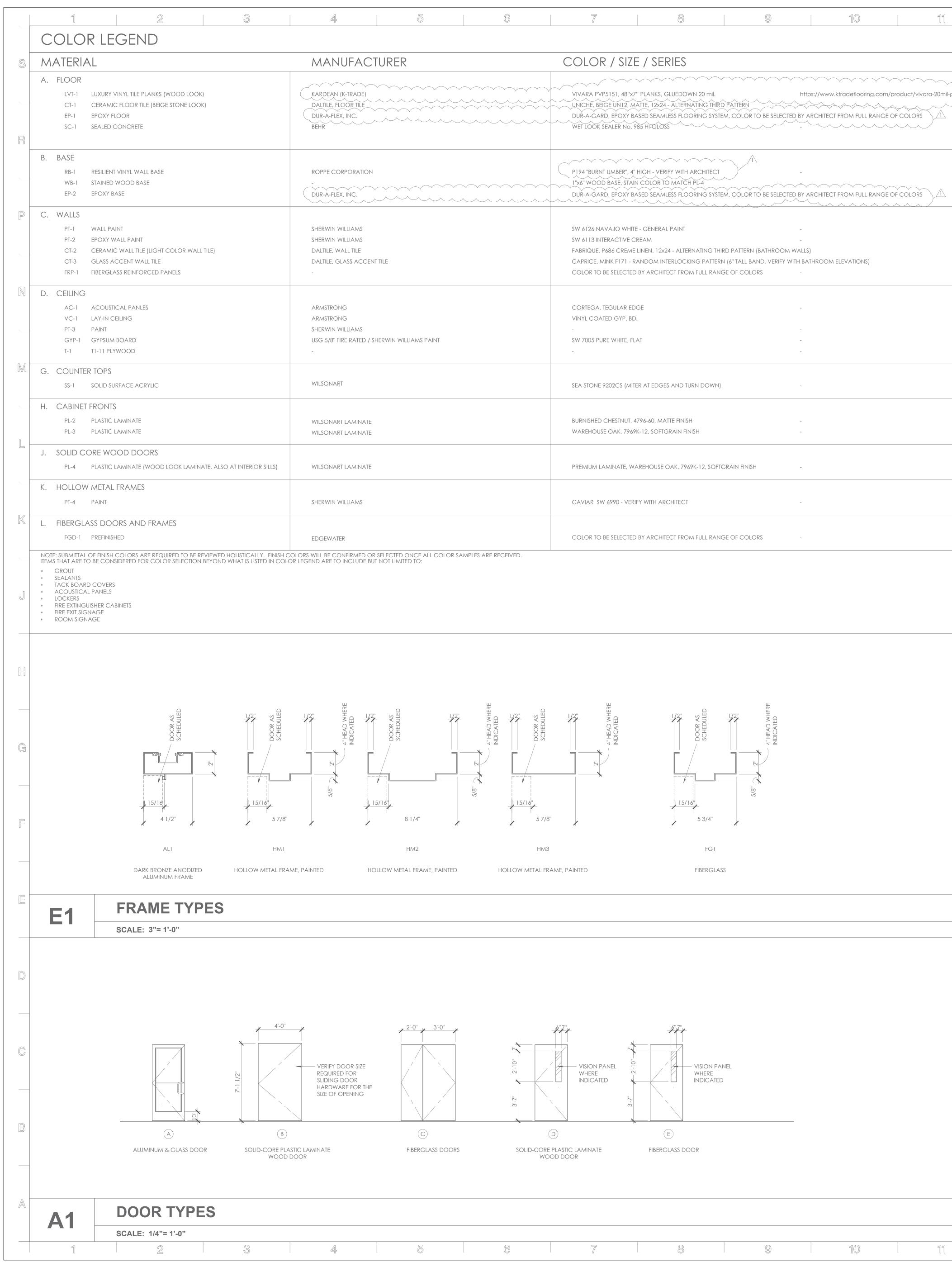
TY	PE	OPENING SIZE	THICK	HEAD	JAMB	JAMB	THRESHOLD	FRAME	LABEL	HDWR	No.	REMARKS
		6'-0'' × 7'-0''	1 3/4"	N6/A004	A10/A004+J6/A004	A10/A004+J6/A004	E15/A004	AL1	-	1	101A	-
		3'-0'' x 7'-0''	1 3/4"	N3/A004	J3/A004	J3/A004	-	HM2		3	101B	
	C	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		4	102A	
	)	3'-c'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	C4/A004	HM1		3	102B	
A	4	3'-0'' x 7 -2''	1 3/4"	N6/A004	J6/A004	J6/A004	E15/A004	AL1		2	104A	
E	В	3'-6'' x 7'-0''	1 3/4"	N15/A004	C15/A004	C15/A004 SIM.	-	-		9	104B	4
	C	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	104C	
	C	3'-0'' x 7'-0''	1 5,(4"	N1/A004	J1/A004	J1/A004	-	HM1		5	107A	
	C	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	107B	1
	C	3'-0'' x 7'-0''	1 3/4"	11/A004	J1/A004	J1/A004	-	HM1		5	108A	
	C	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	108B	1
	)	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	109A	
	<b>D</b>	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	109B	1
	<b>D</b>	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1(A004	J1/A004	-	HM1		5	110A	
	<b>D</b>	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	110B	1
		3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	_	HM1		9	111A	
		3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	11/A004	_	HM1		9	111B	
	<b>D</b>	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		6	114A	1
	<b>D</b>	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	НМ3		8	115A	1, 3
A	A	3'-0'' x 7'-0''	1 3/4"	N6/A004	N8/A004	J15/A004	E15/A004	AL1		2	117A	
	)	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	C1/A004	HM1		4	118A	
	)	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	119A	
	)	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		7	120A	
	)	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	UM1		7	121A	
	C	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		7	122A	
E	E	3'-0'' x 7'-0''	1 3/4"	E1/A004	E4/A004	E4/A004	A4/A004	FG1		5	123A	2
E	E	3'-0'' x 7'-0''	1 3/4"	E1/A004	E4/A004	E4/A004	A4/A004	FG1		5	124A	2
E	E	3'-0'' x 7'-0''	1 3/4"	E7/A004	A7/A004	A7/A004 SIM.	-	FG1		5	124B	2
E	E	3'-0'' x 7'-0''	1 3/4"	E7/A004	A7/A004	A7/A004	A1/A004	FG1		5	127A	1,2
E	E	3'-0'' x 7'-0''	1 3/4"	E7/A004	A7/A004	A7/A004	A1/A004	FG1		5	128A	1,2
E	E	3'-0'' x 7'-0''	1 3/4"	E7/A004	A7/A004	A7/A004	A1/A004	FG1		6	129A	1,2
E	E	3'-0'' x 7'-0''	1 3/4"	E7/A004	A7/A004	A7/A004	A1/A004	FG1		6	1307	1,2
E	E	3'-0'' x 7'-0''	1 3/4"	N10/A004	J10/A004	J10/A004	E10/A004	FG1		10	131A	2
0	C	5'-0'' x 7'-0''	1 3/4"	N10/A004	J10/A004	J10/A004	E10/A004	FG1		11	132A	2
E	E	3'-0'' x 7'-0''	1 3/4"	N10/A004	J10/A004	J10/A004	E10/A004	FG1		10	133A	2
E	E	3'-0'' x 7'-0''	1 3/4"	N10/A004	J10/A004	J10/A004	E10/A004	FG1		10	133B	2

1. VISION PANEL 2. FIBERGLASS DOOR

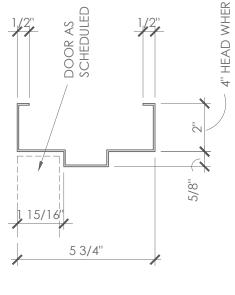
3. DOUBLE SWINGING 4. SLIDING DOOR, SEE A15/A004 AND A17/A004 FOR BARN DOOR

12	13	14	15	16	17





6	7	8	9		10	11
	COLOR / SIZE / S	ERIES				
	VIVARA PVP5151, 48"x7" PLANK UNICHE, BEIGE UN12, MATTE, 125	<pre></pre>	$\sim$			/product/vivara-20mil-gluedown/
	DUR-A-GARD, EPOXY BASED SEA WET LOOK SEALER No. 985 HI-GI				FROM FULL RANGE	
	P194 "BURNT UMBER", 4" HIGH - V 1"x6" WOOD BASE, STAIN COLOI			-		-
	DUR-A-GARD, EPOXY BASED SEA		LOR TO BE SELECTE		FROM FULL RANGE	OF COLORS
	SW 6126 NAVAJO WHITE - GENE	RAL PAINT		-		-
	SW 6113 INTERACTIVE CREAM			-		-
	FABRIQUE, P686 CREME LINEN, 1 CAPRICE, MINK F171 - RANDOM				ELEVATIONS)	-
	COLOR TO BE SELECTED BY ARC			-		-
	CORTEGA, TEGULAR EDGE			-		-
	VINYL COATED GYP. BD.					-
	-			-		-
	SW 7005 PURE WHITE, FLAT			-		-
	-			-		-
	sea stone 9202Cs (miter at ed	GES AND TURN DOWN)		-		-
						-
	BURNISHED CHESTNUT, 4796-60,	MATTE FINISH		-		-
	WAREHOUSE OAK, 7969K-12, SO	FTGRAIN FINISH		-		-
						-
	PREMIUM LAMINATE, WAREHOU	SE OAK, 7969K-12, SOFTGRAIN	FINISH	-		
	CAVIAR SW 6990 - VERIFY WITH	ARCHITECT		-		-
	COLOR TO BE SELECTED BY ARC	HITECT FROM FULL RANGE OF (	COLORS	-		
RECEIVED.						



115A 117A 118A 119A 120A 121A 122A 123A 124A 124B 127A 128A 129A 130A 131A 132A 133A 133B \_\_\_\_\_ REMARKS:

## **ROOM FINISH SCHEDULE**

				WA	ALLS			CLG.		
ROOM NAME	FLOOR	BASE	Ν	E	S	W	CLG.	HT.	NO.	
 LOBBY	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	T-1	VARIES	101	3
 HALL	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	AC-1/GYP-1	9'-8''	102	1
 UNISEX TOILET	CT-1	_	CT-2 / CT-3	CT-2 / CT-3	CT-2 / CT-3	CT-2 / CT-3	AC-1	9'-0''	103	
 CORRIDOR	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	AC-1/GYP-1	9'-8''	104	1,2
RECEPTION	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	T-1	VARIES	105	3
 CHECK OUT	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	T-1	VARIES	106	3
 EXAM ROOM 4	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	107	
 EXAM ROOM 3	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	108	
EXAM ROOM 2	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	109	
EXAM ROOM 1	LVT-1	WB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	110	
 LAB	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	111	
 JANITOR	CT-1	RB-1	PT-1	FRP-1	FRP-1	FRP-1	VC-1	9'-8''	112	
 IT ROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	GYP-1	9'-8''	113	4
PREP	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	114	
SURGERY	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	115	
X-RAY	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	116	
CORRIDOR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	117	
UNISEX TOILET	CT-1	-	CT-2 / CT-3	CT-2 / CT-3	CT-2 / CT-3	CT-2 / CT-3	AC-1	9'-0''	118	
BREAK ROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	119	
OFFICE 1	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	120	
OFFICE 2	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	121	
OFFICE 3	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	AC-1	9'-8''	122	
HALL	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	VC-1	9'-8''	123	
HALL	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	VC-1	9'-8''	124	
NOT USED	-	-	-	-	-	-	-	-	125	
LAUNDRY	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	VC-1	9'-8''	126	
CATS	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	VC-1	9'-8''	127	
ISOLATION	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	GYP-1	9'-8''	128	4
SMALL DOGS	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	VC-1	9'-8''	129	
LARGE DOGS	EP-1	EP-2	PT-2	PT-2	PT-2	PT-2	VC-1	9'-8''	130	
MECHANICAL	CONC-1	RB-1	PT-2	PT-2	PT-2	PT-2	GYP-1	9'-8''	131	4
ELECTRICAL	CONC-1	RB-1	PT-2	PT-2	PT-2	PT-2	GYP-1	9'-8''	132	4
MECHANICAL	CONC-1	RB-1	PT-2	PT-2	PT-2	PT-2	GYP-1	9'-8''	133	4

HEIGHT OF GYP. BD. FURR DOWN = 9'=0" A.F.F.

USE CUT 2' x 4' CEILING TILES, SEE A401 WOOD VENEER BEAMS ON CEILING, SEE A401 FOR LOCATION GYP. BD. CEILING TO BE SUPPORTED BY 2" x 8" WOOD JOISTS AT 16" O.C.

NERAL NOTES:

SUBMITTAL OF FINISH COLORS ARE REQUIRED TO BE REVIEWED HOLISTICALLY. FINISH COLORS WILL BE CONFIRMED OR SELECTED ONCE ALL COLOR SAMPLES ARE RECEIVED.

PROVIDE FOR BUILDING ADDRESS NUMBERS ADHERED TO GLASS AT FRONT DOOR AREA. MINIMUM 6" HIGH OR AS REQUIRED BY LOCAL ORDINANCE.

EXPOSED STEEL LINTELS ARE TO BE PAINTED COLOR AS TO MATCH ADJACENT MATERIAL UNLESS OTHERWISE NOTED ON PLANS.

PROVIDE P.LAM SILLS AT EXTERIOR WINDOWS EXCEPT WHERE OTHERWISE NOTED ON PLANS. COLOR TO BE SELECTED.

ROOM SIGNS - PROVIDE FOR ONE SIGN PER ROOM WITH AN AVERAGE OF 12 LETTERS AND SIGN WITH SYMBOL AT EACH RESTROOM, SIGNS SHALL COMPLY WITH TAS/ADA REQUIREMENTS.

PROVIDE SIGNS IN RISER ROOMS, ELECTRICAL, MECHANICAL, JANITORIAL CLOSETS AND OTHERS AS REQUIRED BY CITY CODE OFFICIALS, FIRE MARSHAL, AND ANY OTHER GOVERNING ENTITIES THAT ARE REQUIRED TO MEET, BUT NO LIMITED TO, CITY CODES, BUILDING CODES, AND TAS/ADA STANDARDS.

7. PROVIDE 1" HORIZONTAL MINI-BLINDS FOR EACH WINDOW, EXCEPT AT ENTRY GLAZING AND DOORS OR AS OTHERWISE INDICATED ON PLANS. COLOR TO BE SELECTED FROM SAMPLES PROVIDED IN SUBMIT 8. PROVIDE FOR 48"x48" TACK BOARD FOR EACH BREAK ROOM AND AS INDICATED ON PLAN.

9. PROVIDE FOR ONE <u>BRONZE PLAQUE</u>, MINIMUM 24"X36" OR AS INDICATED ELSEWHERE ON PLANS

## **DOOR SCHEDULE**

No.	TYPE	OPENING SIZE	THICK	HEAD	JAMB	JAMB	THRESHOLD	FRAME	LABEL	HDWR	No.	REMARKS
101A	A	6'-0'' x 7'-0''	1 3/4"	N6/A004	A10/A004+J6/A004	4 A10/A004+J6/A004	E15/A004	AL1	-	1	101A	-
101B	D	3'-0'' x 7'-0''	1 3/4"	N3/A004	J3/A004	J3/A004	-	HM2		3	101B	
102A	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		4	102A	
102B	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	C4/A004	HM1		3	102B	
104A	A	3'-0'' x 7'-0''	1 3/4"	N6/A004	J6/A004	J6/A004	E15/A004	AL1		2	104A	
104B	В	3'-6'' x 7'-0''	1 3/4"	N15/A004	C15/A004	C15/A004 SIM.	-	-		9	104B	4
104C	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	104C	
107A	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	107A	
107B	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	107B	1
108A	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	108A	
108B	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	108B	1
109A	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	109A	
109B	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	109B	1
110A	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	110A	
110B	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	110B	1
111A	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		9	111A	
111B	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		9	111B	
114A	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		6	114A	1
115A	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	НМ3		8	115A	1, 3
117A	A	3'-0'' x 7'-0''	1 3/4"	N6/A004	N8/A004	J15/A004	E15/A004	AL1		2	117A	
118A	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	C4/A004	HM1		4	118A	
119A	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		5	119A	
120A	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		7	120A	
121A	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		7	121A	
122A	D	3'-0'' x 7'-0''	1 3/4"	N1/A004	J1/A004	J1/A004	-	HM1		7	122A	
123A	E	3'-0'' x 7'-0''	1 3/4"	E1/A004	E4/A004	E4/A004	A4/A004	FG1		5	123A	2
124A	E	3'-0'' x 7'-0''	1 3/4"	E1/A004	E4/A004	E4/A004	A4/A004	FG1		5	124A	2
124B	E	3'-0'' x 7'-0''	1 3/4"	E7/A004	A7/A004	A7/A004 SIM.	-	FG1		5	124B	2
127A	E	3'-0'' x 7'-0''	1 3/4"	E7/A004	A7/A004	A7/A004	A1/A004	FG1		5	127A	1,2
128A	E	3'-0'' × 7'-0''	1 3/4"	E7/A004	A7/A004	A7/A004	A1/A004	FG1		5	128A	1,2
129A	E	3'-0'' x 7'-0''	1 3/4"	E7/A004	A7/A004	A7/A004	A1/A004	FG1		6	129A	1,2
130A	E	3'-0'' × 7'-0''	1 3/4"	E7/A004	A7/A004	A7/A004	A1/A004	FG1		6	130A	1,2
131A	E	3'-0'' × 7'-0''	1 3/4"	N10/A004	J10/A004	J10/A004	E10/A004	FG1		10	131A	2
132A	С	5'-0'' × 7'-0''	1 3/4"	N10/A004	J10/A004	J10/A004	E10/A004	FG1		11	132A	2
133A	E	3'-0'' x 7'-0''	1 3/4"	N10/A004	J10/A004	J10/A004	E10/A004	FG1		10	133A	2
133B	E	3'-0'' × 7'-0''	1 3/4"	N10/A004	J10/A004	J10/A004	E10/A004	FG1		10	133B	2
PEMARK	· · · ·											

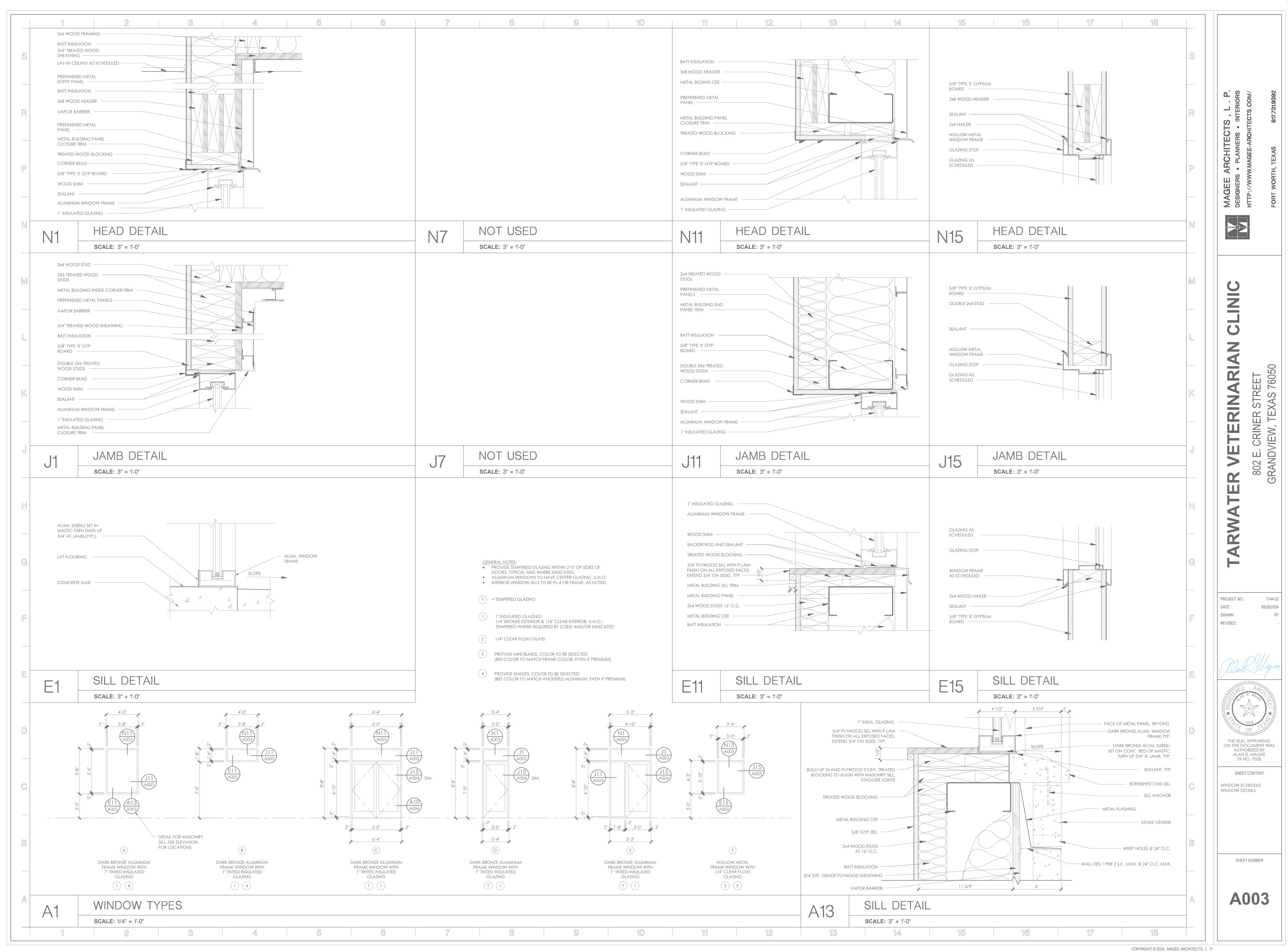
1. VISION PANEL 2. FIBERGLASS DOOR

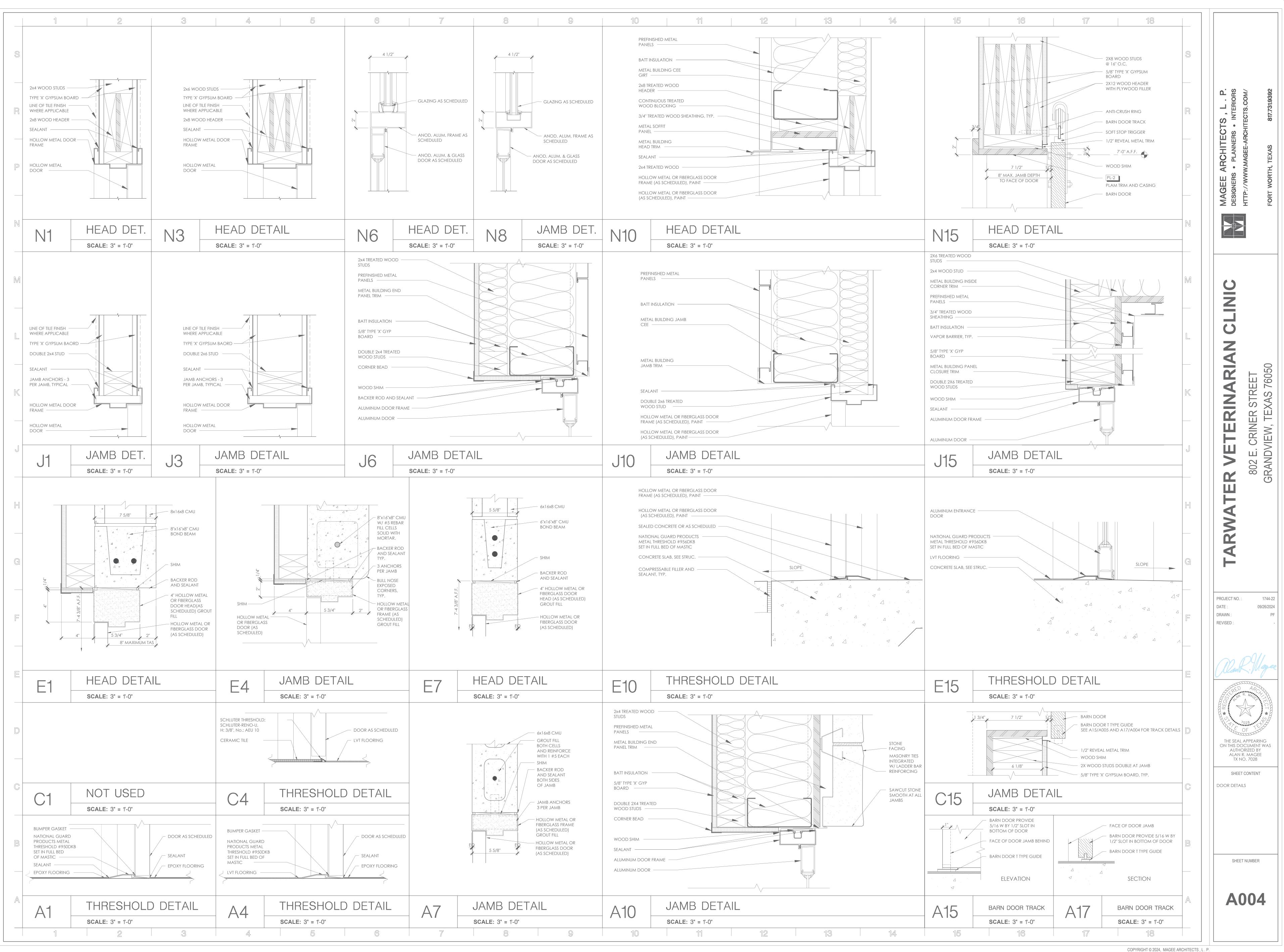
TRACK DETAILS

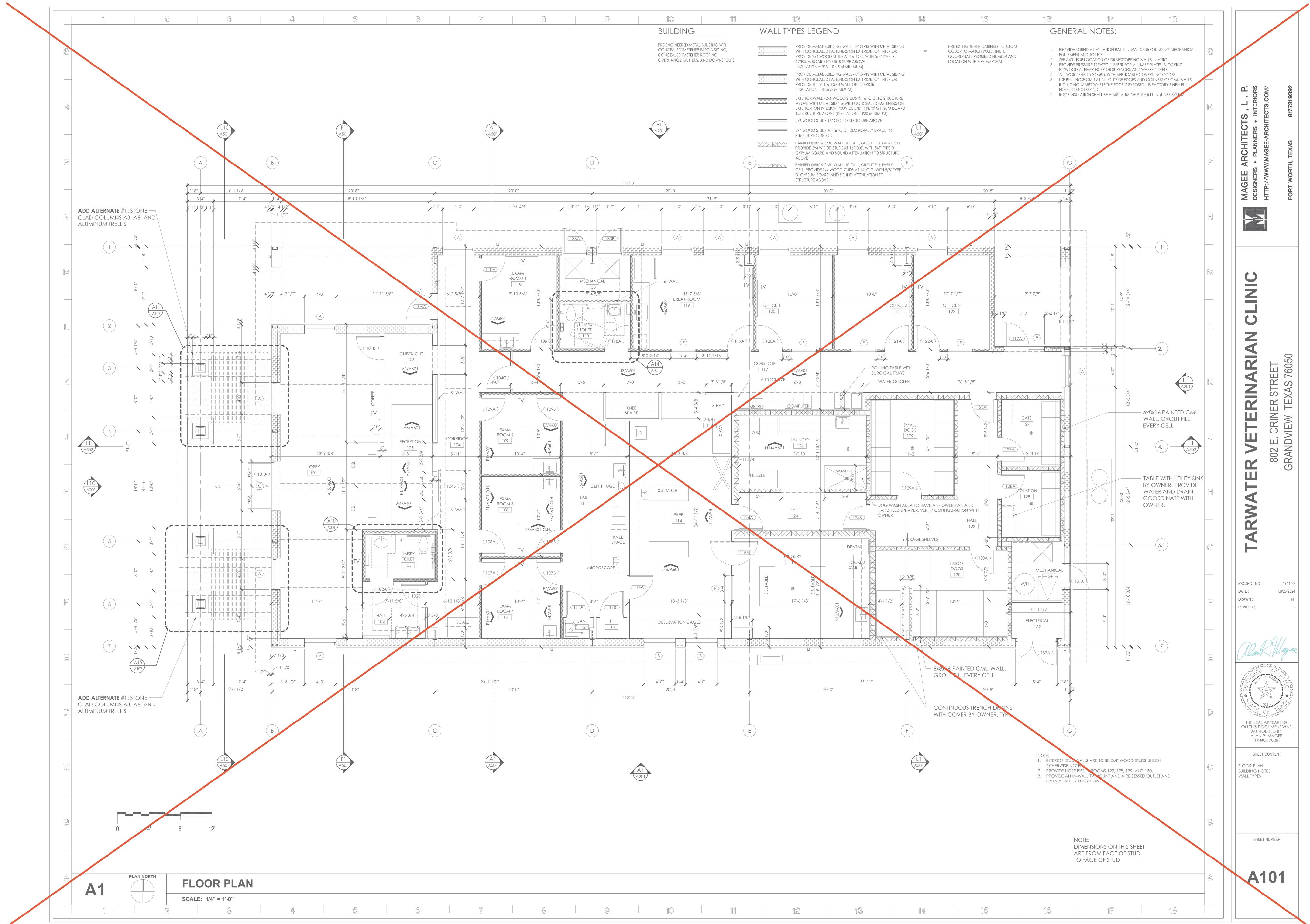
3. DOUBLE SWINGING 4. SLIDING DOOR, SEE A15/A004 AND A17/A004 FOR BARN DOOR

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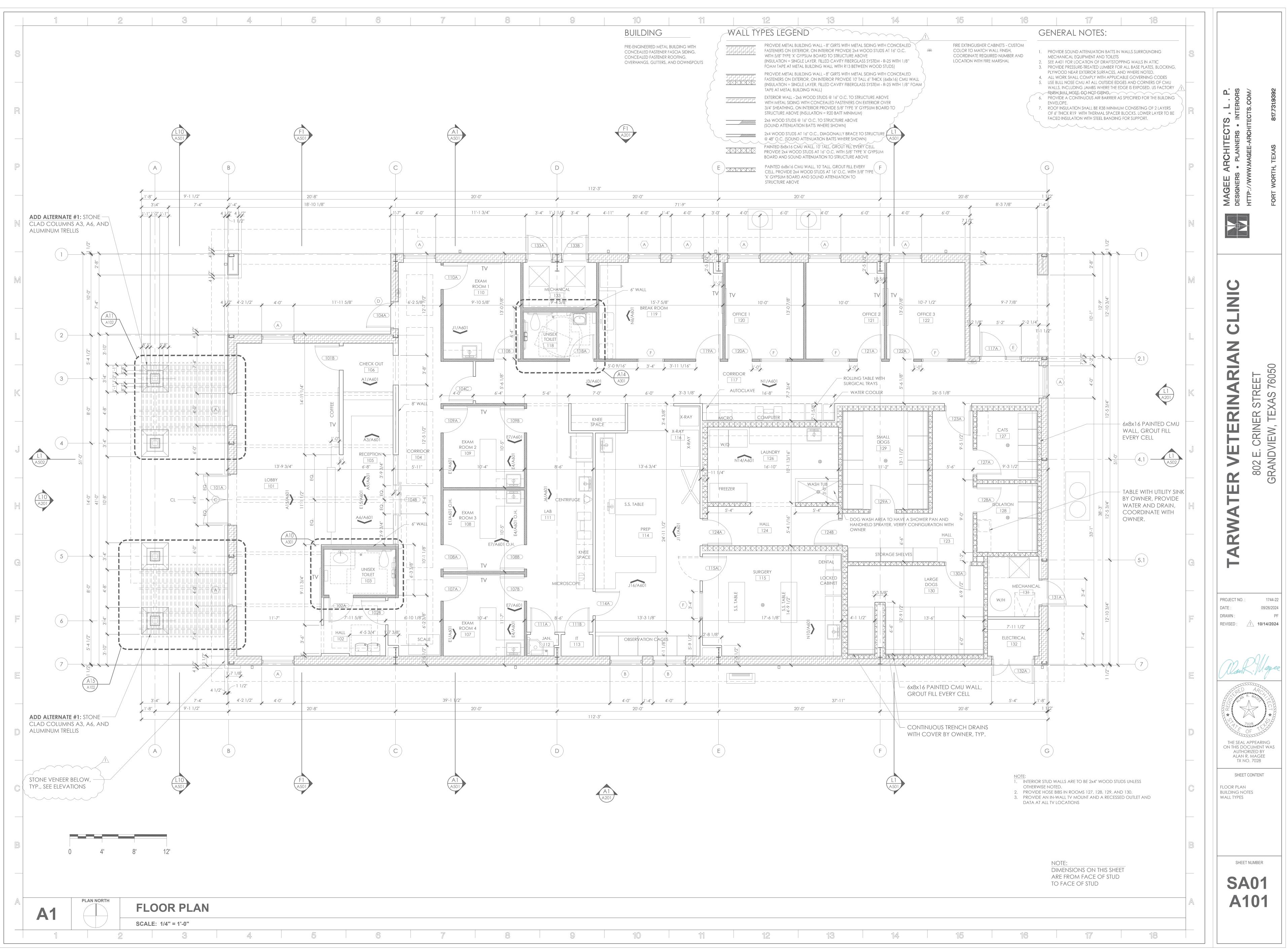
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NOTES		, L. P. NTERIORS CTS.COM/	817.731.9392
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4 4 4 4		NARIAN CLINIC	
	K		<b>FEXAS 76050</b>
	J	<b>R VETER</b> 802 E. CRINER	GRANDVIEW, TEXAS 76050
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Ś	G	TAR	
		DRAWN :	1744-22 09/26/2024 PF <b>/31/2024</b>
		Chen R. Mager	agee
		THE SEAL APPEAR ON THIS DOCUMEN AUTHORIZED B ALAN R. MAGE TX NO. 7028	t WAS Y
		SHEET CONTEN ROOM FINISH SCHED COLOR LEGEND, DOOR SCHEDULE, TY AND FRAMES WINDOW TYPES WINDOW DETAILS	ULE,
		SHEET NUMBER	
)		<b>A00</b>	2



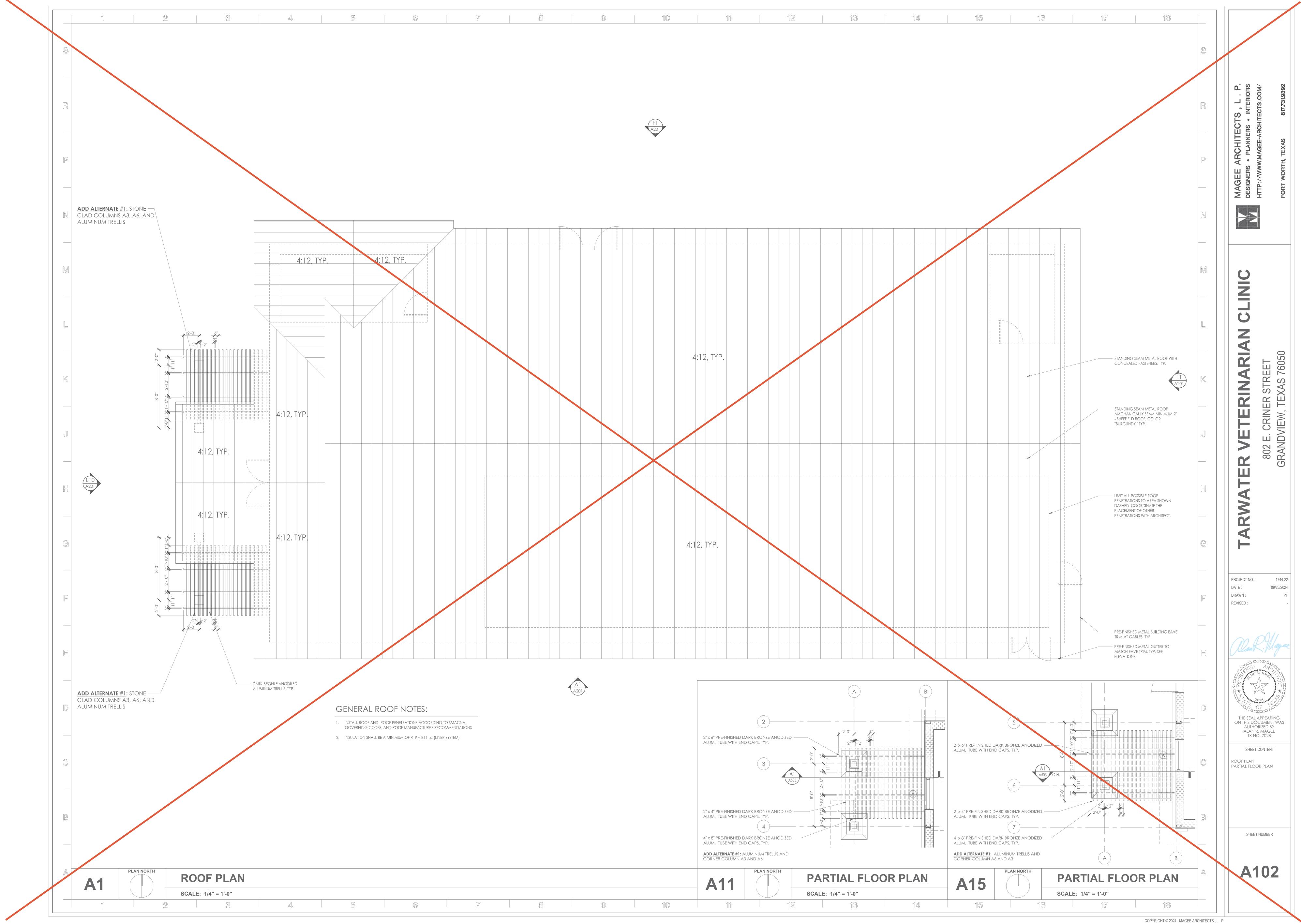




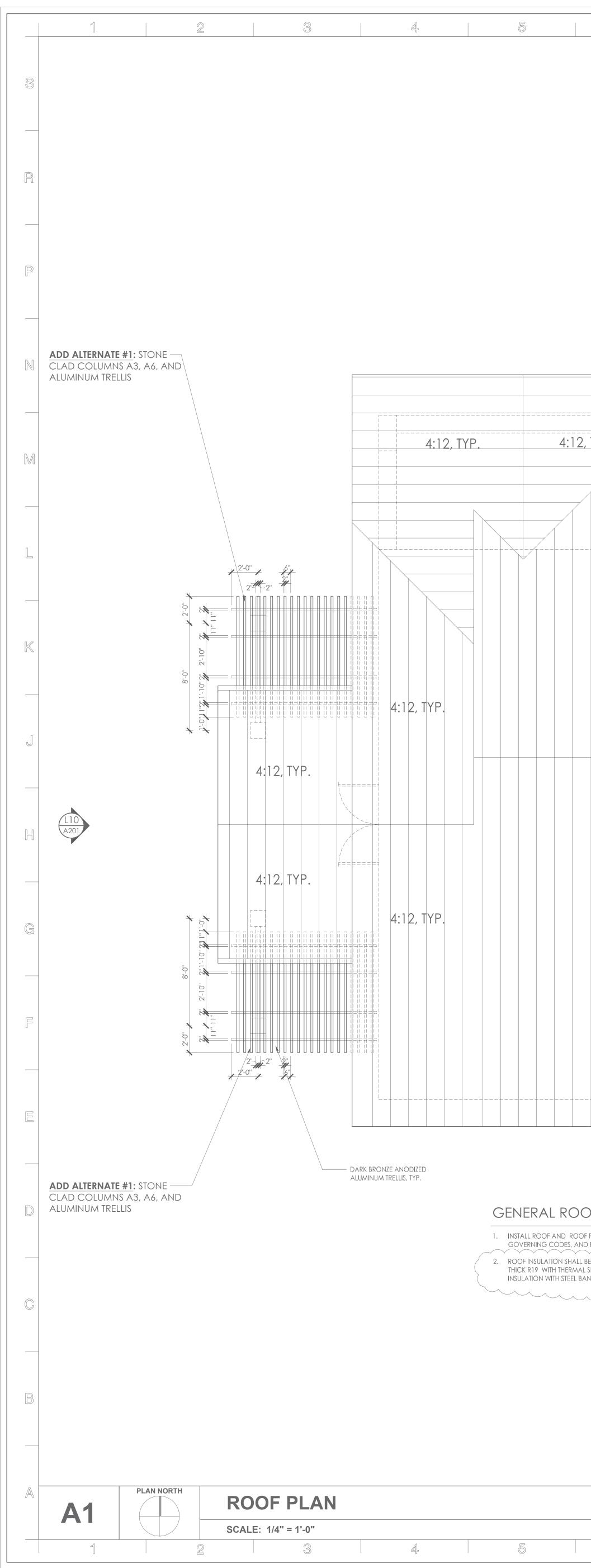
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			AI		
		7	A201		
DOF NOTES:					
OOF PENETRATIONS ACCORDING TO SMA AND ROOF MANUFACTURE'S RECOMMEN					
A MINIMUM OF R19 + R11 I.s. (LINER SYSTE	M}				2" x 6" PRE-FINISHED DARK BRONZE AN ALUM. TUBE WITH END CAPS, TYP.
					3
					2" x 4" PRE-FINISHED DARK BRONZE AN ALUM. TUBE WITH END CAPS, TYP.
					4" x 8" PRE-FINISHED DARK BRONZE AN ALUM. TUBE WITH END CAPS, TYP.
					ADD ALTERNATE #1: ALUMINUM TRELLIS CORNER COLUMN A3 AND A6
					A11
6	7	8	9	10	11

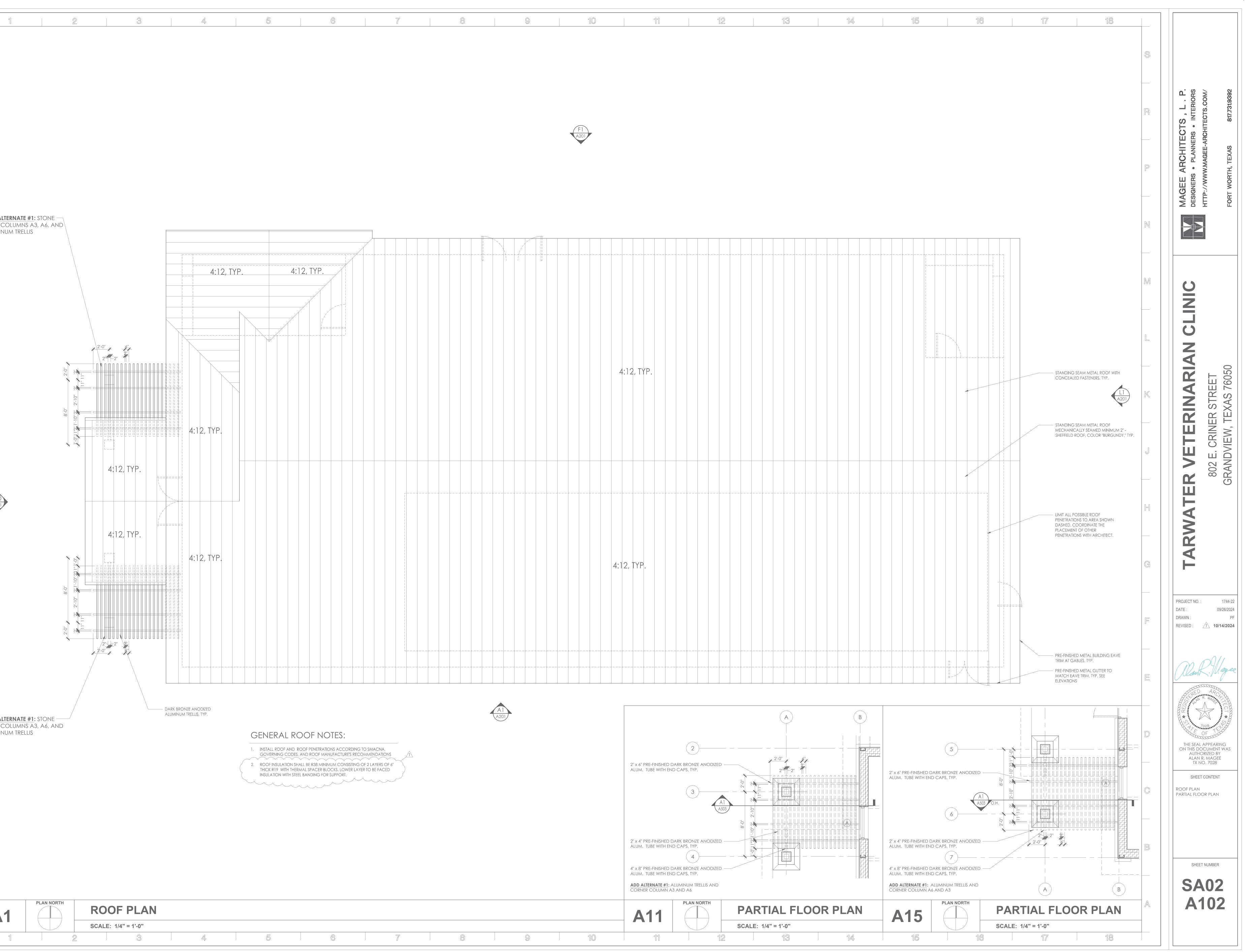


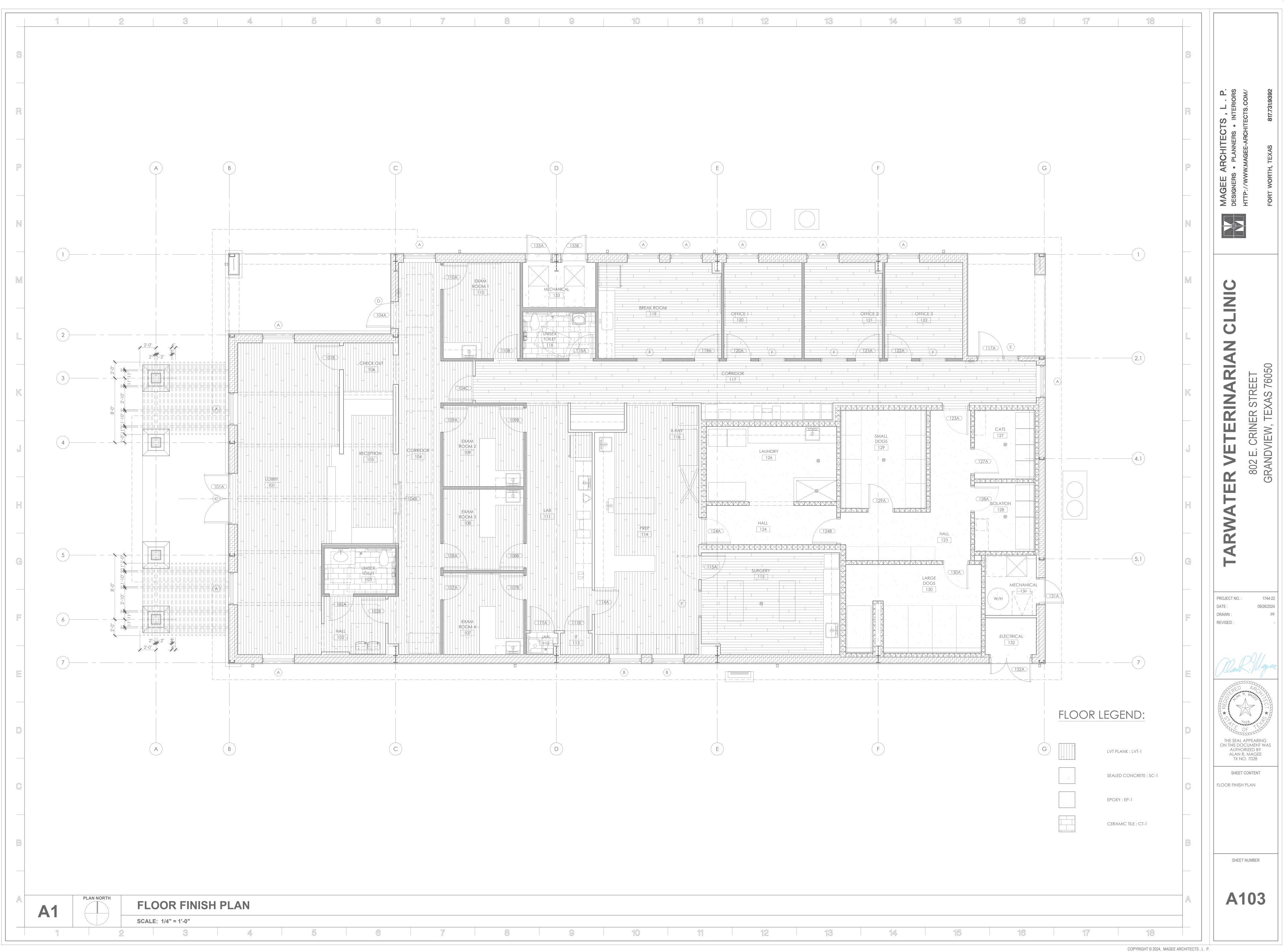
			AI			
F PENETRATIONS ACCORDING TO S D ROOF MANUFACTURE'S RECOMM BE R38 MINIMUM CONSISTING OF 2 L SPACER BLOCKS. LOWER LAYER TO ANDING FOR SUPPORT.	MENDATIONS 1 2 LAYERS OF 6"		A201			2" x 6" PRE-FINISHED DARK BRONZE AN ALUM. TUBE WITH END CAPS, TYP.
						2" x 4" PRE-FINISHED DARK BRONZE AN ALUM. TUBE WITH END CAPS, TYP. 4" x 8" PRE-FINISHED DARK BRONZE AN ALUM. TUBE WITH END CAPS, TYP. ADD ALTERNATE #1: ALUMINUM TRELLI CORNER COLUMN A3 AND A6
						A11
6	7	8		9	10	11

2, TYP.						4:12, TYP.	
						4:12, TYP.	









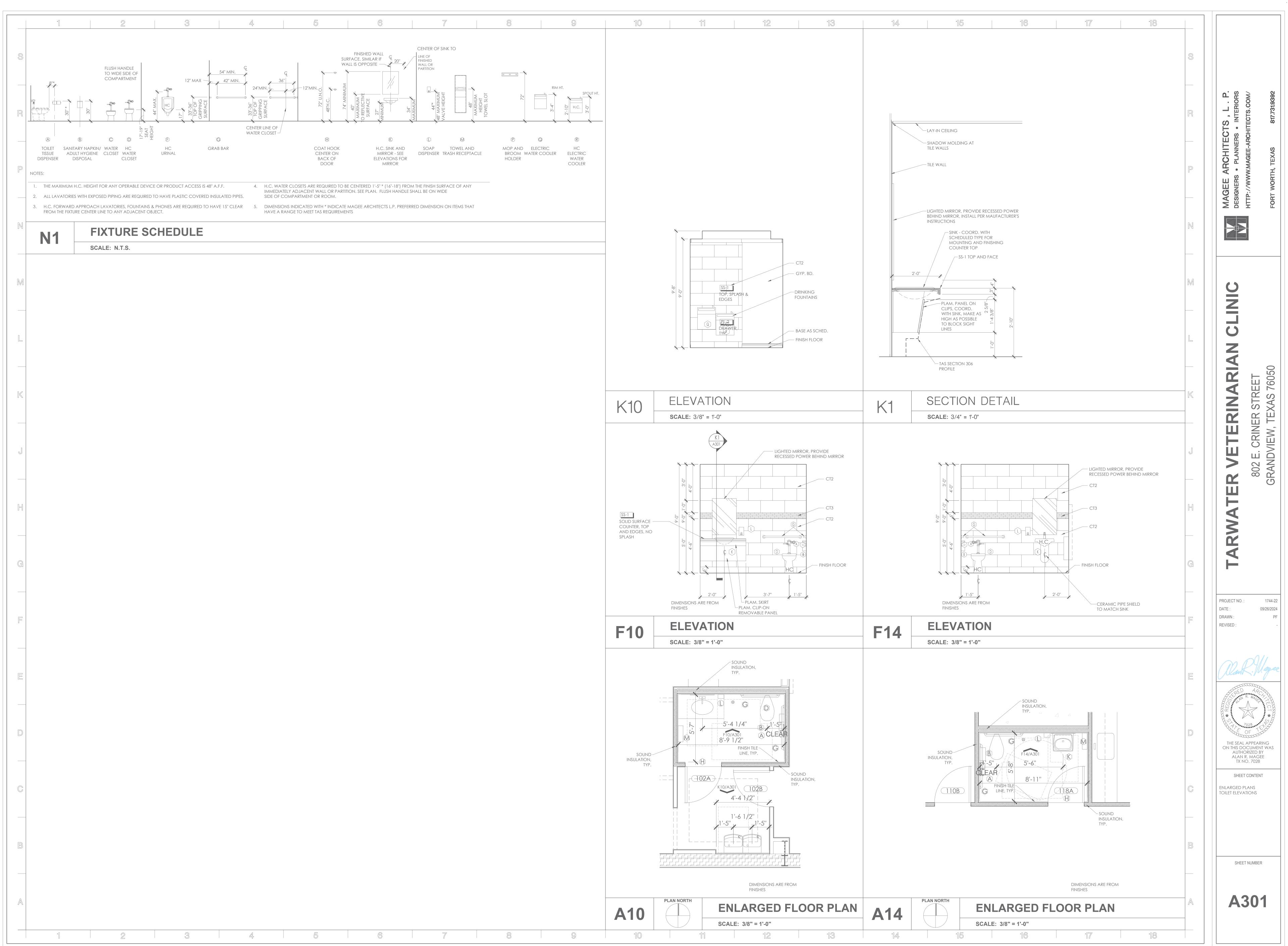
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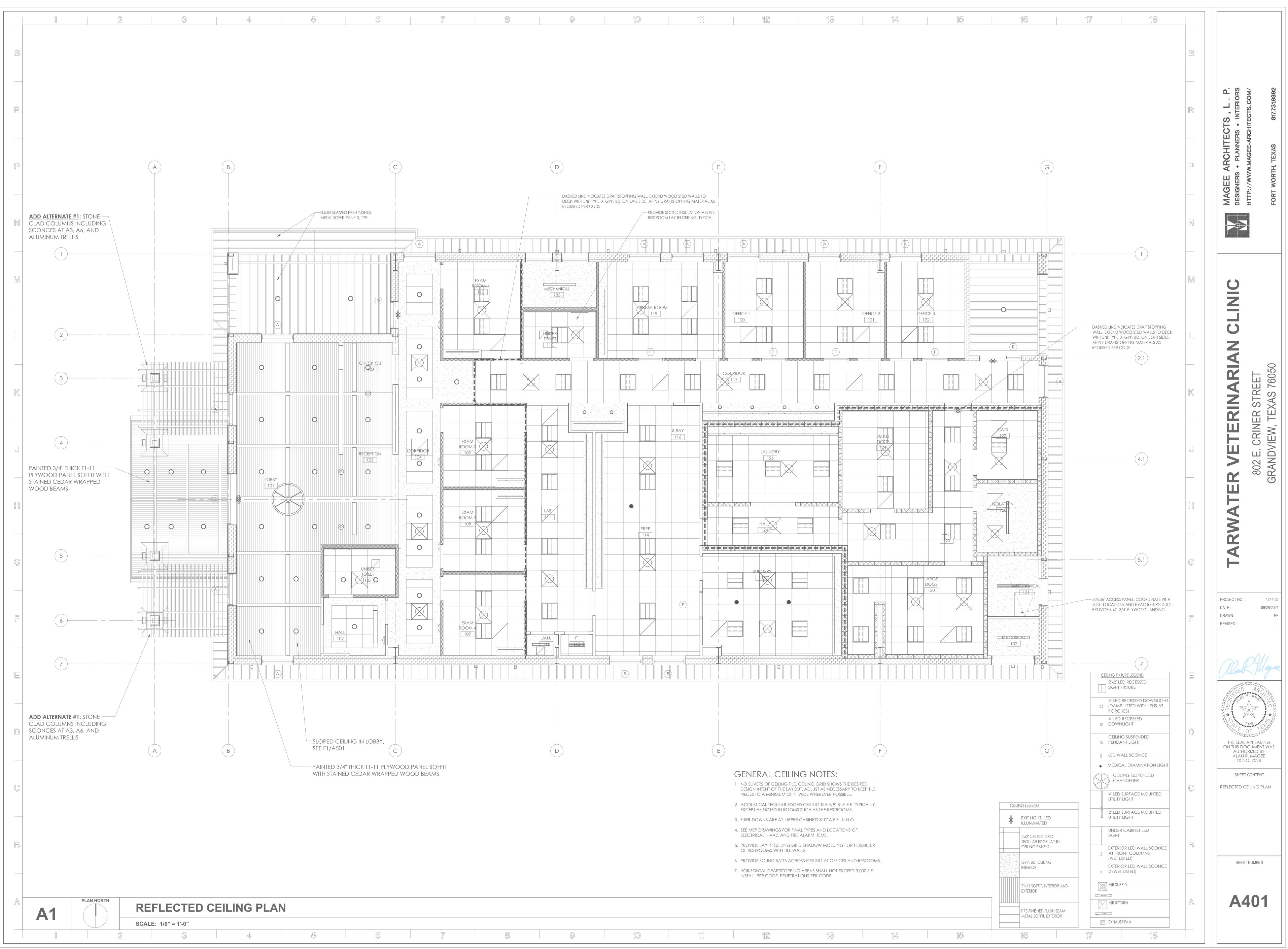
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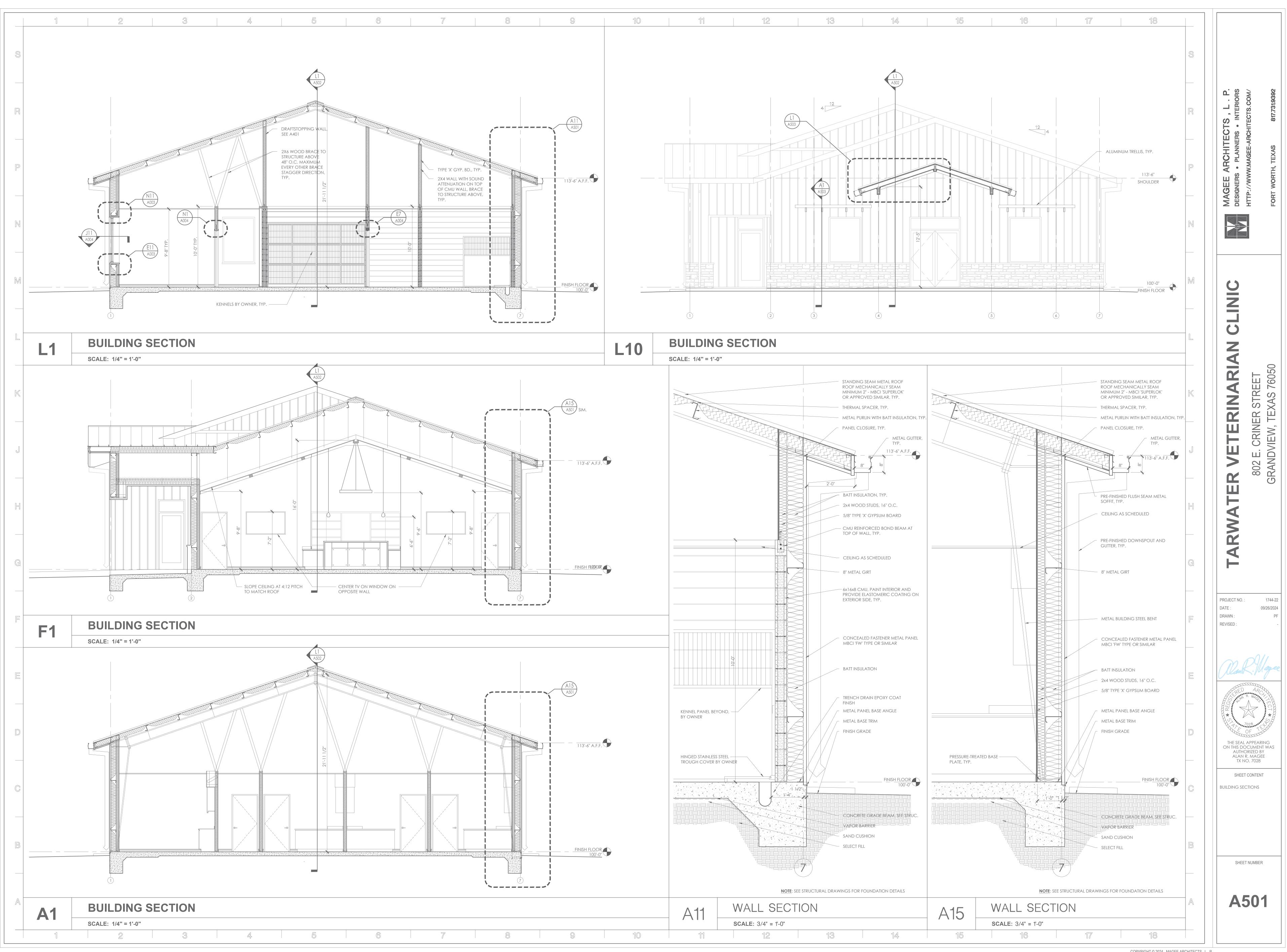
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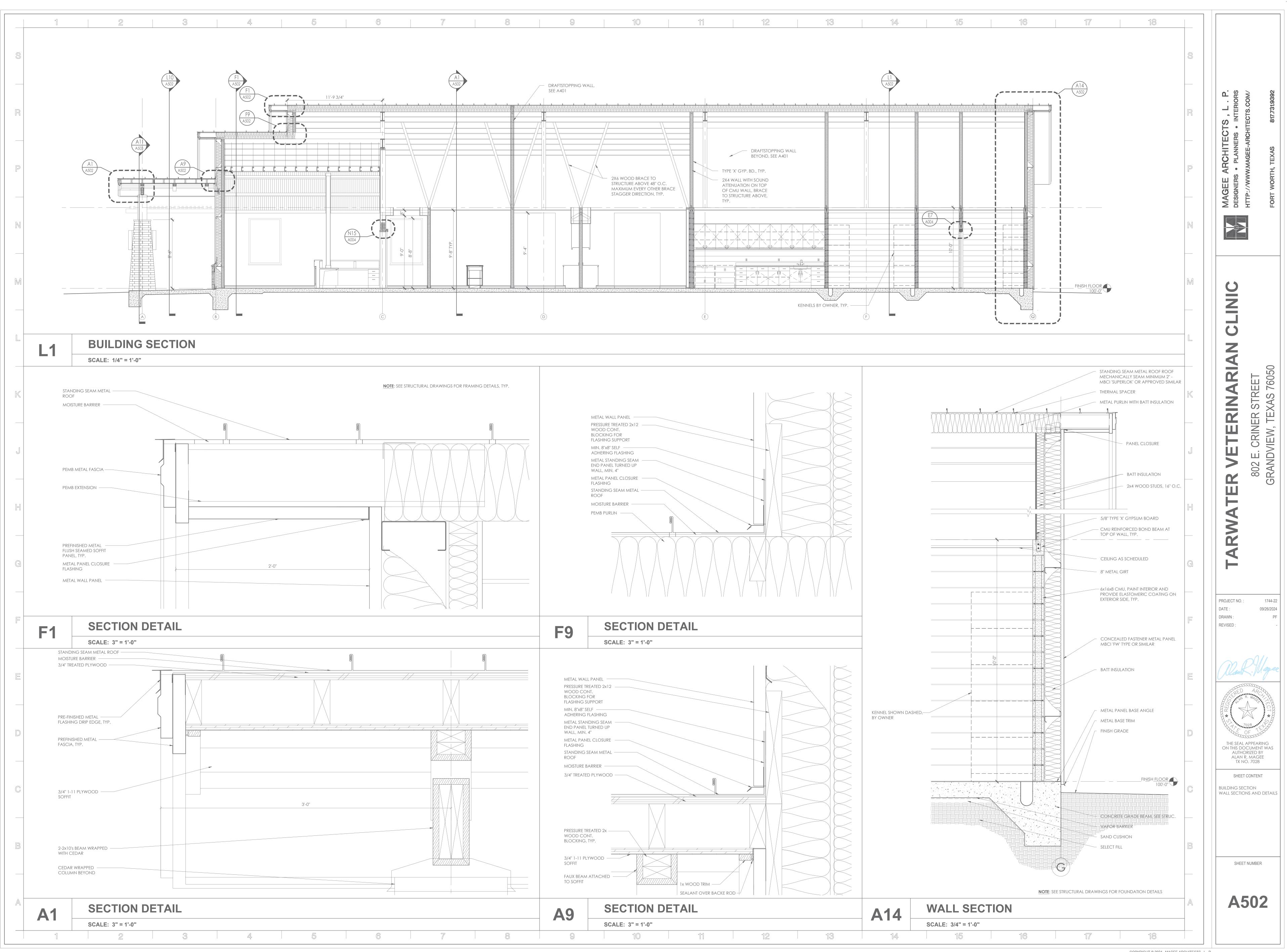


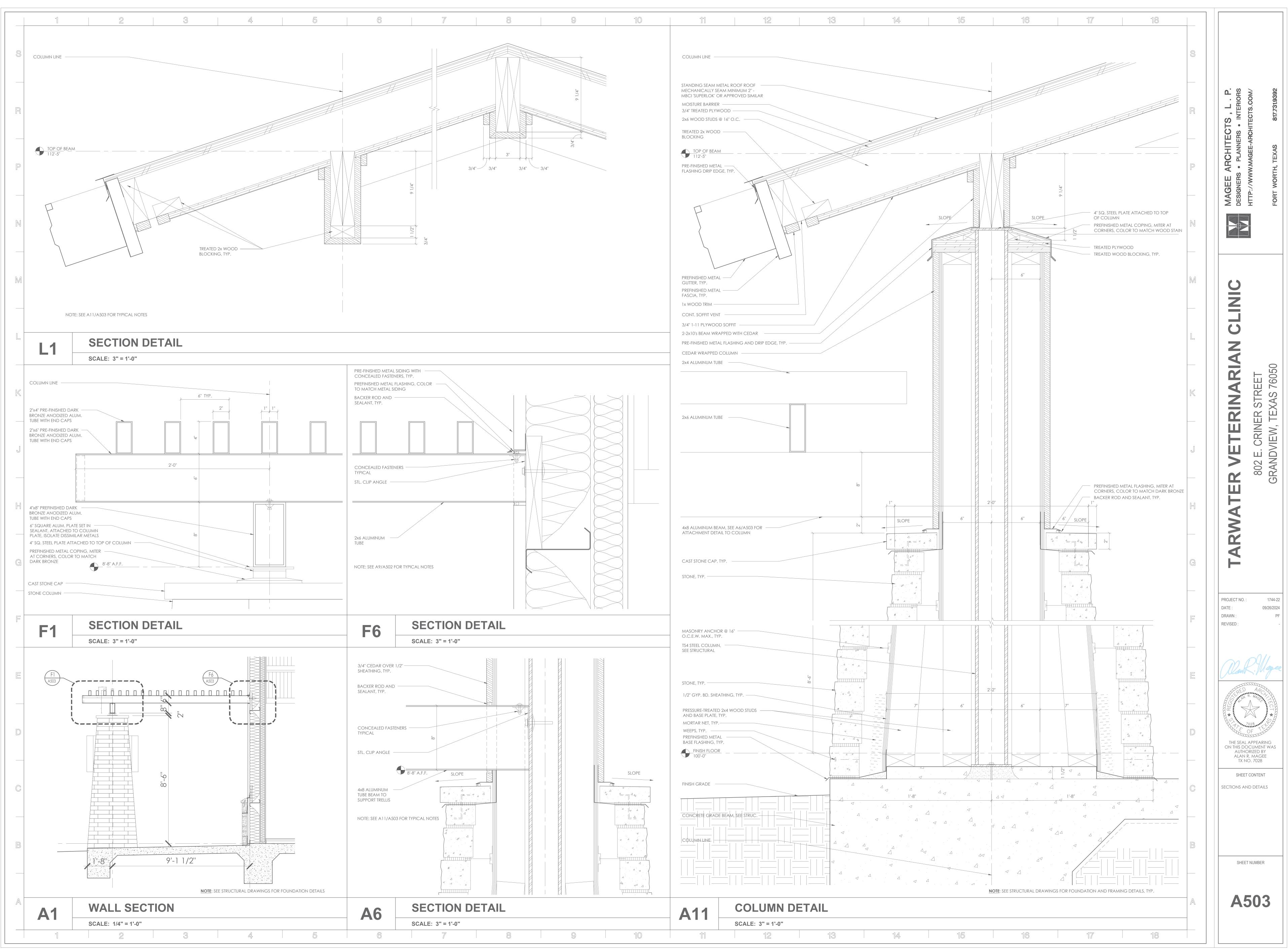
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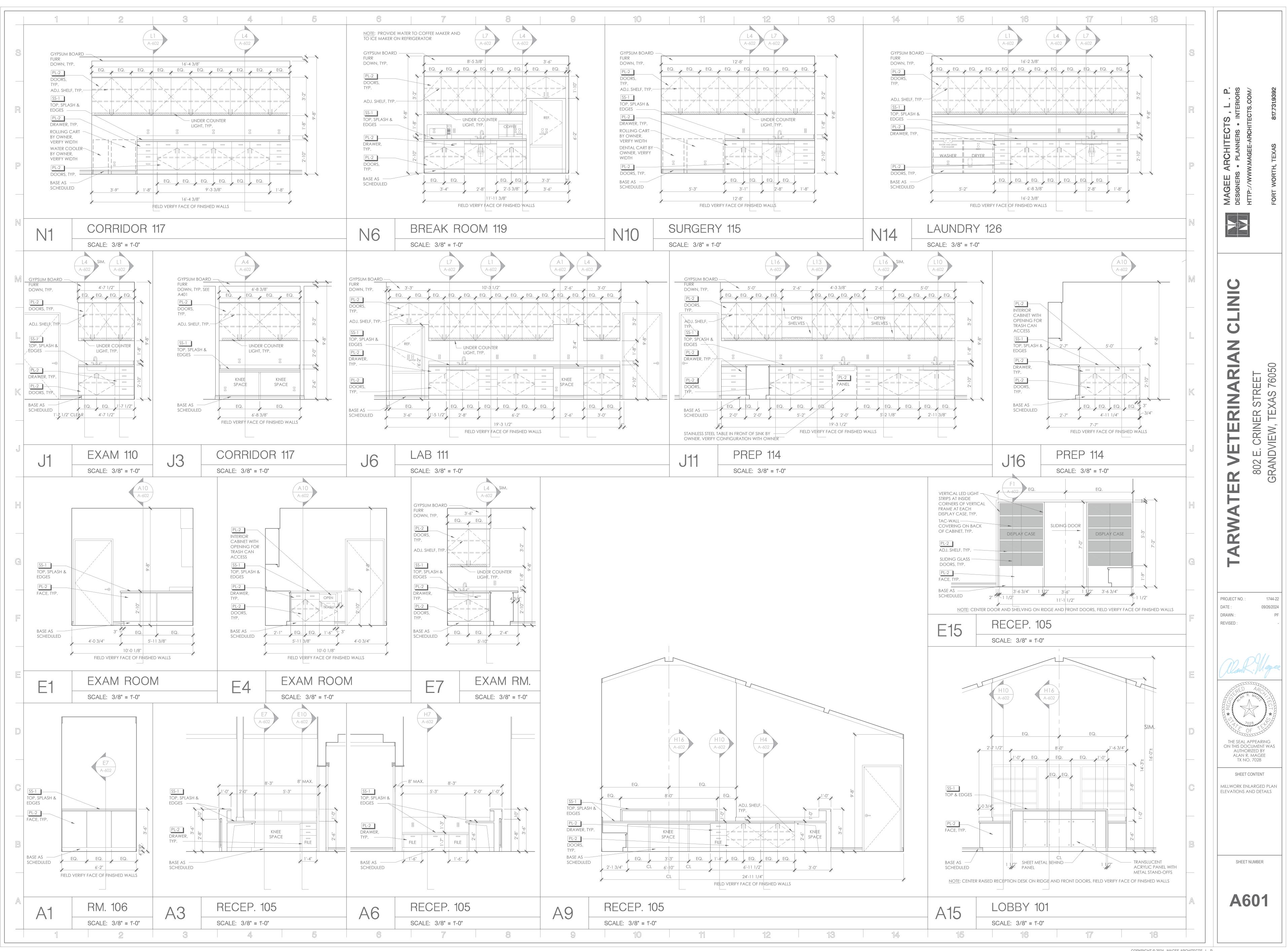
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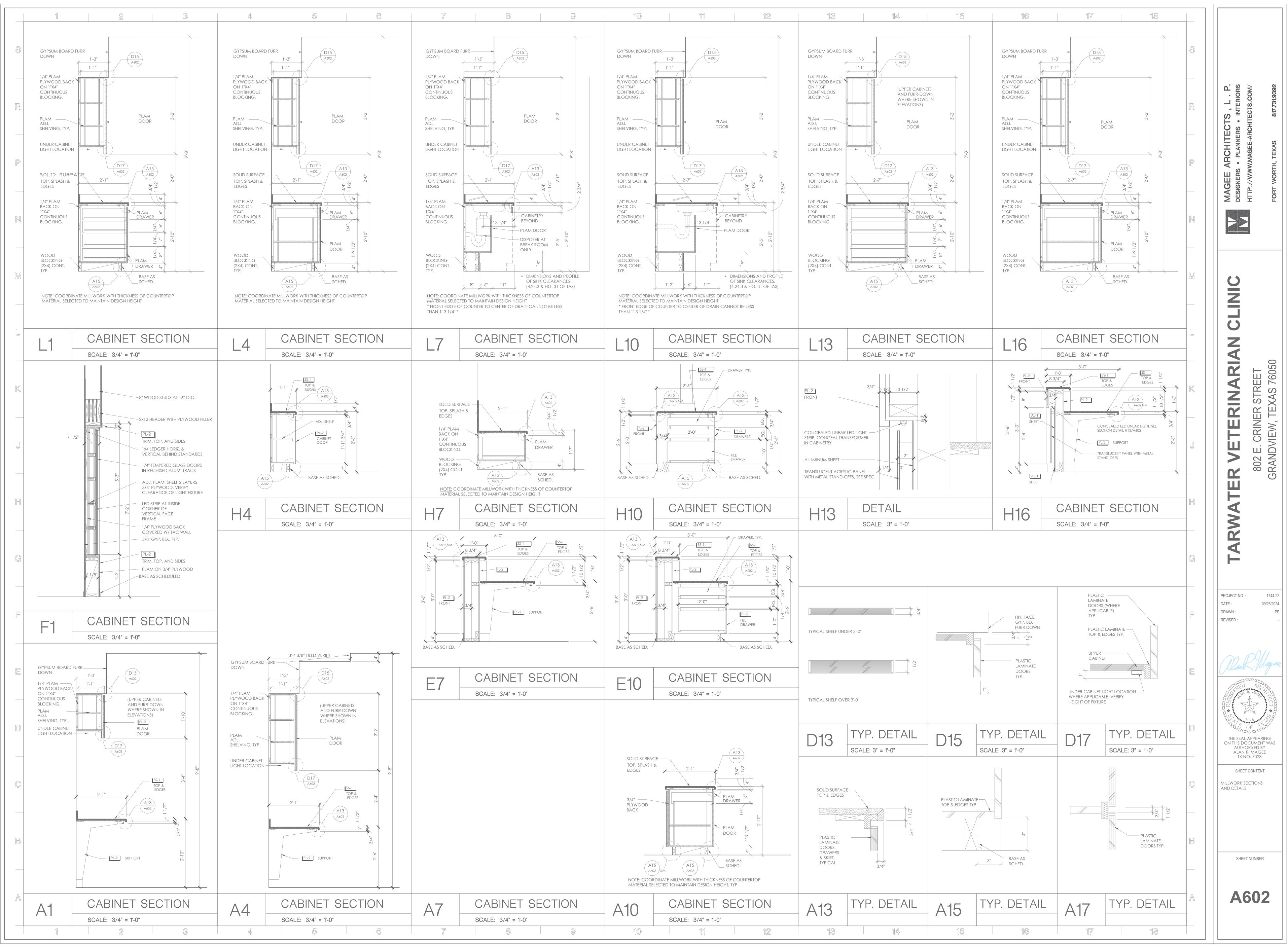


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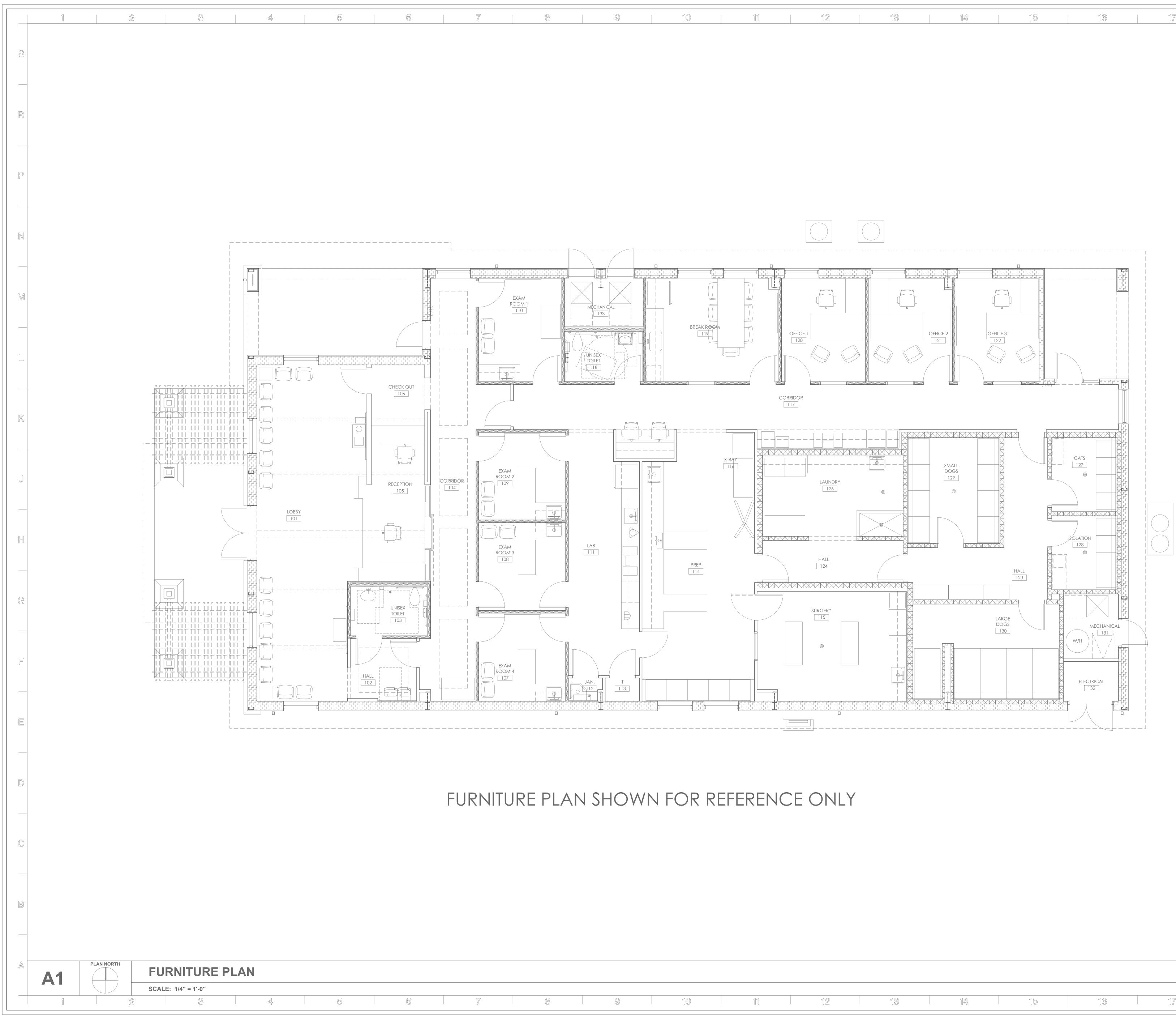






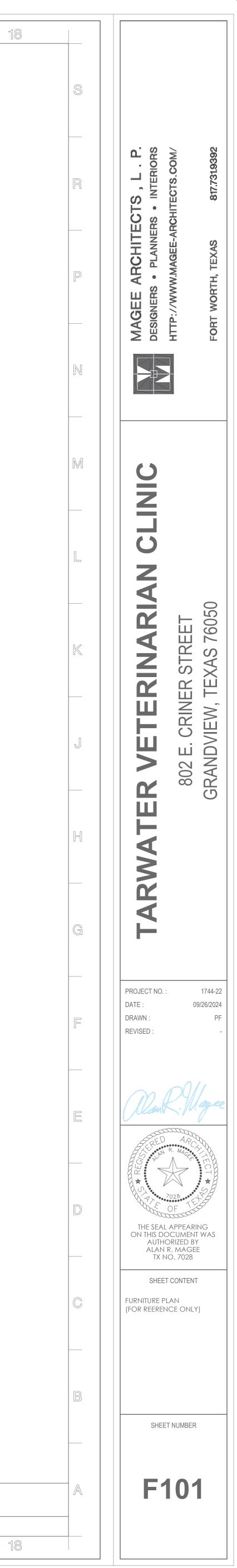


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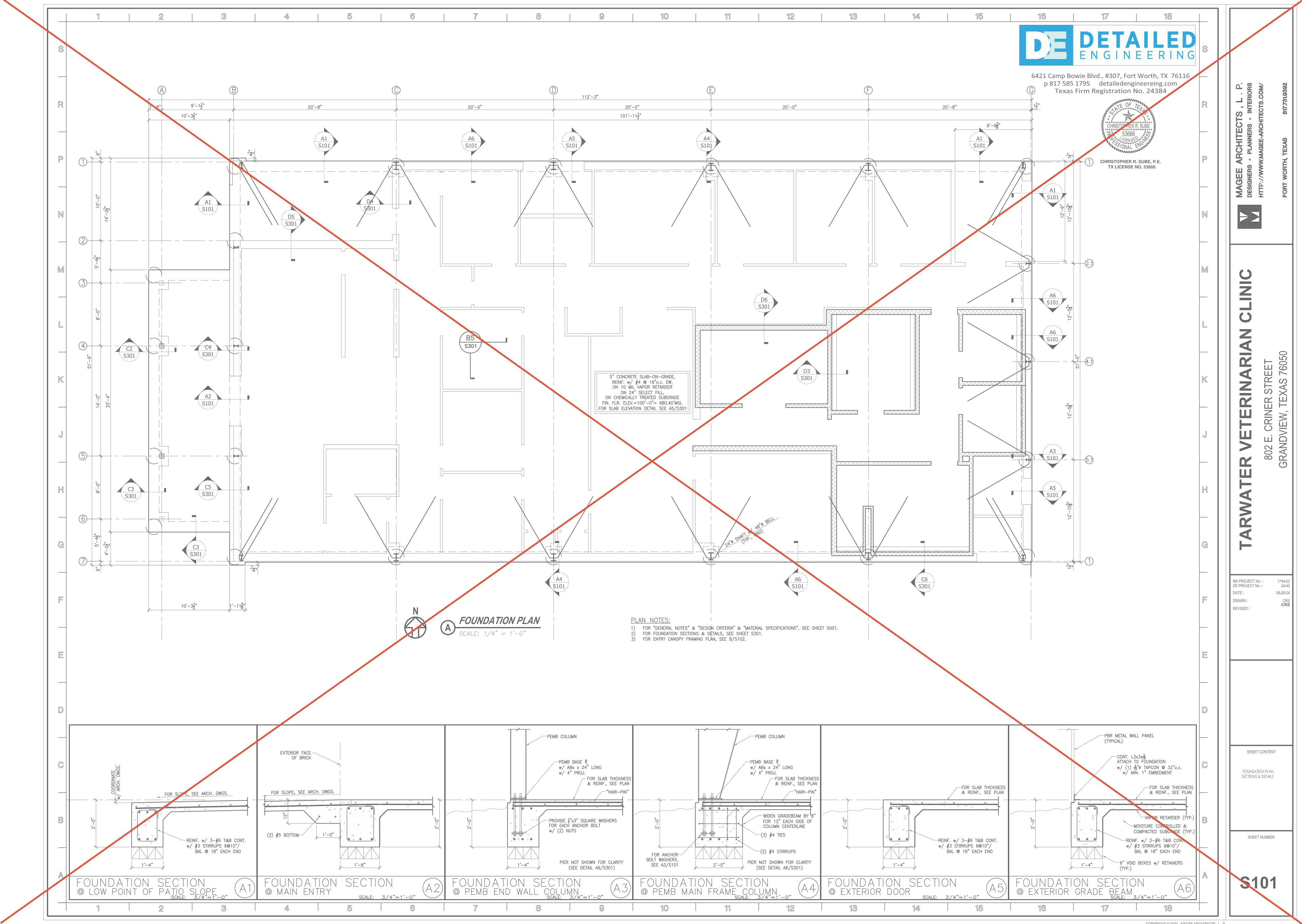
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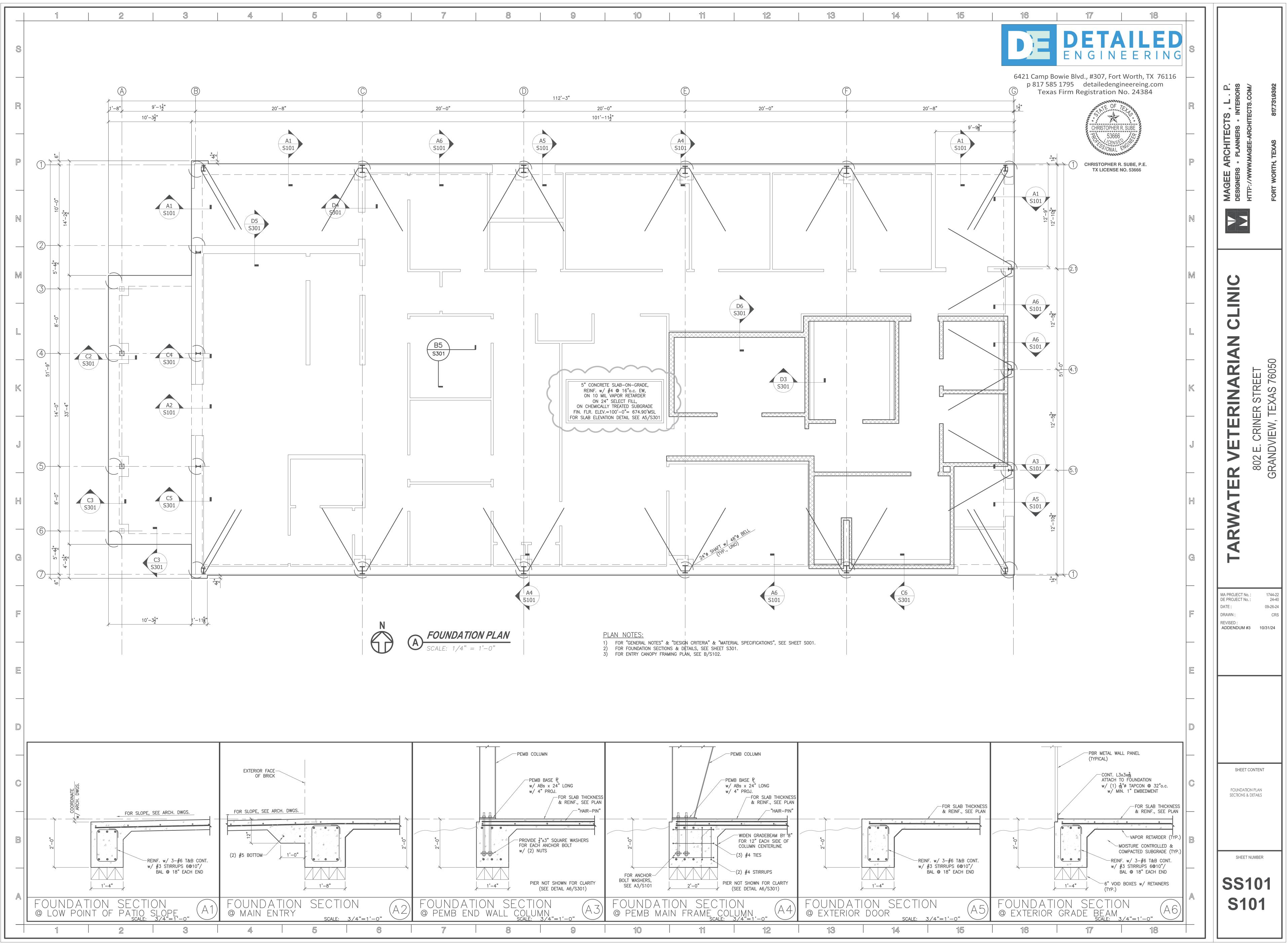
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			DESIGN SPECIFI	CATIONS:											DESIGN SPEC	CIFICATIO
S			) <u>SOILS:</u> IMUM ASSUMED SOIL	BEARING CAR	PACITY = 4	500 PSF (SHALY							<u>04200</u> A. MASC		NRY: INSTRUCTION S	Shall be
		B. REF STRI D. THE	ER TO: "GEOTECHNIC EET, GRANDVIEW, TEX SLAB-ON-GRADE S	CAL ENGINEER KAS", PROJECT SHALL BEAR O	NG REPORT <sup>-</sup> No. W242 N SELECT F	, GRANDVIEW TEX 089, DATED AUGU FILL AND/OR CHE	AS VÉTER IST 2024, MICALLY 1	PREPARED BY UE REATED SOILS. AI	S, DALL LL MATE	AS, TEXAS. ERIALS			B. ACI	3.5 D LI	ACI 530.1-1 IMITS THE GRO	)UT LIFT
R		BEL	OW THE SLAB SHOU OW THE SLAB SHALL DTINGS AND FOUNDAT	BE COMPACT	ED TO 90%	STANDARD PROC	TOR MAX	MUM DRY DENSITY.	•	TERIAL. SOILS			A. CONO NET	CRETE M AREA CO	NRY CONS IASONRY UNITS OMPRESSIVE ST	: SHALL FRENGTH
		A. CON	) CONCRETE:										2,000 B. THE	) PSI. GROUT :	DOO PSI BLOCI SHALL BE IN 7 N 8" TO 11"	ACCORDA
		B. CAS	T—IN—PLACE CONCR PIERS GROUND FLOOF GRADE BEAMS	R SLAB	3,000 PSI 3,000 PSI	(NW) (NW)	PRESSIVE	STRENGTH OF:					TESTE Engin C. <u>Defii</u>	ED IN AO NEEER—O <u>NITIONS:</u>	CCORDANCE WI DF-RECORD.	ITH ASTM
P		FRO ALLO	WATER SHALL BE A M THE ENGINEER-O DWED TO BE ADDED	DDED TO THE F—RECORD (E0 AT THE JOB	CONCRETE, OR), UNLE SITE, AFTER	AFTER THE TRUC SS THE DELIVERY AUTHORIZATION	TICKET II BY THE T	NDICATES AN AMOU ESTING LAB REPRES	NT OF SENTATI	WATER THAT IS VE.			<u>GROUT P</u> <u>GROUT LI</u>	<u>our</u> – I <u>FT</u> – Th	<u>IGHT</u> – THE T CONSISTS OF HE LAYER OF ACT OF COMP	ONE OR GROUT F
		INCL F. FLO	ICRETE MIX DESIGNS LUDE CERTIFICATES F OR FLATNESS SHALL E READY MIX COMPA	OR AGGREGAT	ES, ADDITIVI EVIATIONS G	ES AND CEMENTIT REATER THAN 0.1	IOUS MAT 25" IN T	ERIALS. EN FEET.					PUDDLING PUDDLE	POCK POCK THE THE A	ETS WITH REP PROCESS OF ACT OF WORKI	EATED S INDUCIN NG CONC
$\mathbb{N}$		BY BY	UFACTURER. IN LIE TxDOT. NTRACTOR SHALL AP			C /SEALER TO THE	- SIAR T			ROCEDURES SHA		IY	D. <u>MASC</u>	<u>ONRY CC</u> UP MAS(	A STICK OR <u>NSTRUCTION A</u> ONRY IN RUNN	AND INSP
		J. CON K. CON L. FLY	I MANUFACTURERS F ICRETE ADMIXTURES NCRETE SHALL BE N ASH (ASTM C618) M C150; TYPE I/II).	SHALL NOT C ORMAL WEIGHT OR SLAG CEM	ONS. ONTAIN ANY <sup>-</sup> (±145 PC ENT (ASTM	CALCIUM—CLORIE F) CONCRETE WIT C989) MAY BE S	)E. TH A MIN. UBSTITUTE	OF 4% AIR ENTRA D FOR UP TO 409	NINMENT	HE PORTLAND C	EMENT		2. FACE 3. WEBS 4. VERT 5. INST	S SHALL TCAL CEI	S OF BED JOIN BE MORTAREI LLS ARE TO B IZONTAL JOINT	D AT CEL E ALIGNE
D. G.		N. CON	NTRACTOR SHALL EN	GAGE A QUALI	FIED TESTIN	G & INSPECTING	AGENCY.	ACCEPTABLE TO TH	E OWNI	ER. TO PERFORM	M FIELD		7. GROU	TAIN MIN DDED IN JT SPAC	NMUM OF 1/2 NMORTAR. ES BOTH VERT	INCH (1
M		P. TES P. TES 1. 2.	TS, INSPECTIONS AN TING AGENCY SHALL SLUMP, PER ASTM AIR CONTENT, PER TEMPERATURE, PEI STRENGTH. PER AS T & FIELD CURE FO	O PREPARE TE OBTAIN THE C143, FOR E ASTM C213,	FOLLOWING, FOLLOWING, FOR THE F	PER ASTM C172: LOAD. RST AND EACH F	- FIFTH TRU	CK AFTER THAT.					8. INST 9. GROU 10. FILL	ALL REIN JT SPAC CELLS /	TERIAL DELETE IFORCING IN G ES ARE TO BE AS NOTED ON	ROUS IC ROUT CE INSPEC THE PLA
		3. 4. R. CAS DAYS	TEMPERATURE, PEI STRENGTH. PER AS S & FIELD CURE FO S & HOLD ONE CYL	R ASTM C1064 STM C31, FOR DUR STANDARE INDER FOR FU	4, FOR EACI EACH MIX CYLINDERS JTURE TESTI	H TRUCK. DESIGN THAT DA' 5. TEST, PER AS ING.	Y & FOR TM C39,	EVERY 50 CYD OF ONE CYLINDER AT	CONCF 7 DAYS	RETE PLACED EA 5, TWO CYLINDER	ACH DAY. RS AT 28		11. PLAC 12. A RE 13. PLAC 14. GROU	E GROU INFORCII E REINF JT SHOU	T IN LIFT TO ( NG BAR MAY E ORCING APPRO ILD SET IN AP	60 INCHE BE USED )XIMATEL` PROXIMA <sup>-</sup>
L		s. not <u>03200</u>	TFY EOR, WITHIN 24	HOURS, IF 7 REINFORCEN	day cylin <u>/ENT:</u>	DER IS LESS THA							15. DO N 16. FILL 17. MASC	NOT BEN ALL CEL NRY SH	D OR MOVE R LS SOLID BEL ALL BE INSPE	EINFORCI
		B. REII C. WEL	EL REINFORCEMENT NFORCING STEEL: SH DED WIRE REINFORE NCRETE COVER SHAL	IALL BE ASTM CCING (WWR):	A615, GRA SHALL BE A	DE 60 ASTM A185.		AS NOTED IN THE	SE PLAI	NS.				REINFOR		
Π.//		3 2 1,	"FOR CONCRETE CA "FOR CONCRETE EX 炎"FOR CONCRETE	AST AGAINST A XPOSED TO W NOT EXPOSED	AND PERMAN EATHER OR TO WEATHE	NENTLY EXPOSED IN CONTACT WITH ER OR IN CONTAC	TO EARTH I GROUND T WITH G	ROUND					REINFORC DO NOT	NG SHA MOVE RE	ALL MAINTAIN F EINFORCING AF	POSITION
K		GRE COR	TICAL AND HORIZON ATER. MASONRY RE NER REINFORCEMEN REINFORCING STEEL	INFORCEMENT T SHALL BE L	WILL BE LA APPED 30".	APPED 48 BAR D	IAMETERS	OR 30", WHICH EV	/ER IS	GREATER.	TAILS		GROUT.	TAL REIN KNOCK	: IFORCING SHAL OUT WEB BLC HE LOCATION.	CKS SHA
		OF	ACI STANDARDS. AL	L REINFORCIN											THE BOND BE	
J		A. ANC * SI	EPOXY ANCH HORING ADHESIVE: S MPSON STRONG-TIE	SHALL BE ONE CO., PRODUC	T: ET-HP		•		LLATION	I ONLY):			A. THE	PRE-EN	<u>—ENGINEER</u> IGINEERED MET ERS ASSOCIATI	TAL BUILD
_		C. WAS	CHOR BOLTS SHALL SHERS: SHALL BE IN TS: SHALL BE IN ACT LES FOR EPOXY ANC	ACCORDANCE	WITH ASTM	I F436 GRADE 36 63 grade a hex			ENDATIOI	NS AND EPOXY			B. ALL C. VERII APPR	INTERIOF FY ALL ( ROVED AN	R WALLS AND COLUMN LOCA NCHOR BOLT S ING MANUFACT	EXTÈRIOF TIONS, AI SHOP DR
H		A 35	NCHOR SHALL BE IN STEEL:	NSTALLED PER	MANUFACT	JRER'S RECOMME	NDATIONS						WIND E. SEE BY T	LOADS METAL E HE META	IN CRITERIA. BUILDING ELEV/ AL BUILDING M	ATIONS F ANUFACT
		B. ALL D. ALL	STEEL CONSTRUCTION ANGLES, PLATES, C STRUCTURAL TUBIN	HANNELS AND G SHALL BE A	MISC. STEA	EL SHOWN ON TH (GRADE B)	IESE DRAV	VINGS SHALL BE AS							s for this pe Rior to a fui	
		ARC G. ALL	FILLET WELDS SHAL HITECTURAL OR STR WELDS ALONG THE LL BE A MINIMUM C	JCTURAL DRAW LENGTH OF M	VINGS. /EMBERS IN	DICATED ON ARCH	HITECTURA	L OR STRUCTURAL								
G		H. ALL K. CON L. ALL	WELDS MADE TO P ITRACTOR SHALL SU SPLICES IN MEMBEI E PLATE GROUT SH	RIMÄRY MEMBI BMIT WELDING RS SHALL BE	ERS SHALL CERTIFICATI SHOWN ON	BE MADE WITH E ES FOR ALL FIELI THE SHOP DRAW	70XX ELE D WELDING 'INGS.	CTRODES. G, IN ACCORDANCE			-i					
_		R. ALL S. DO USIN	STEEL SHALL RECE NOT USE THERMAL NG DRIFT PINS.	IVE ONE COAT CUTTING DURI	OF THE S NG ERECTIO	TANDARD SHOP P N. DO NOT ENL	RIMER. ARGE UNF	AIR HOLES IN MEM	IBERS E	BY BURNING OR						
F			ITRACTOR SHALL EN INECTIONS.	GAGE A QUALI	-IED TESTIN	G AGENCY TO PE	RFORM VI	SUAL INSPECTIONS	OF THE	- BOLIED & WE	LDED					
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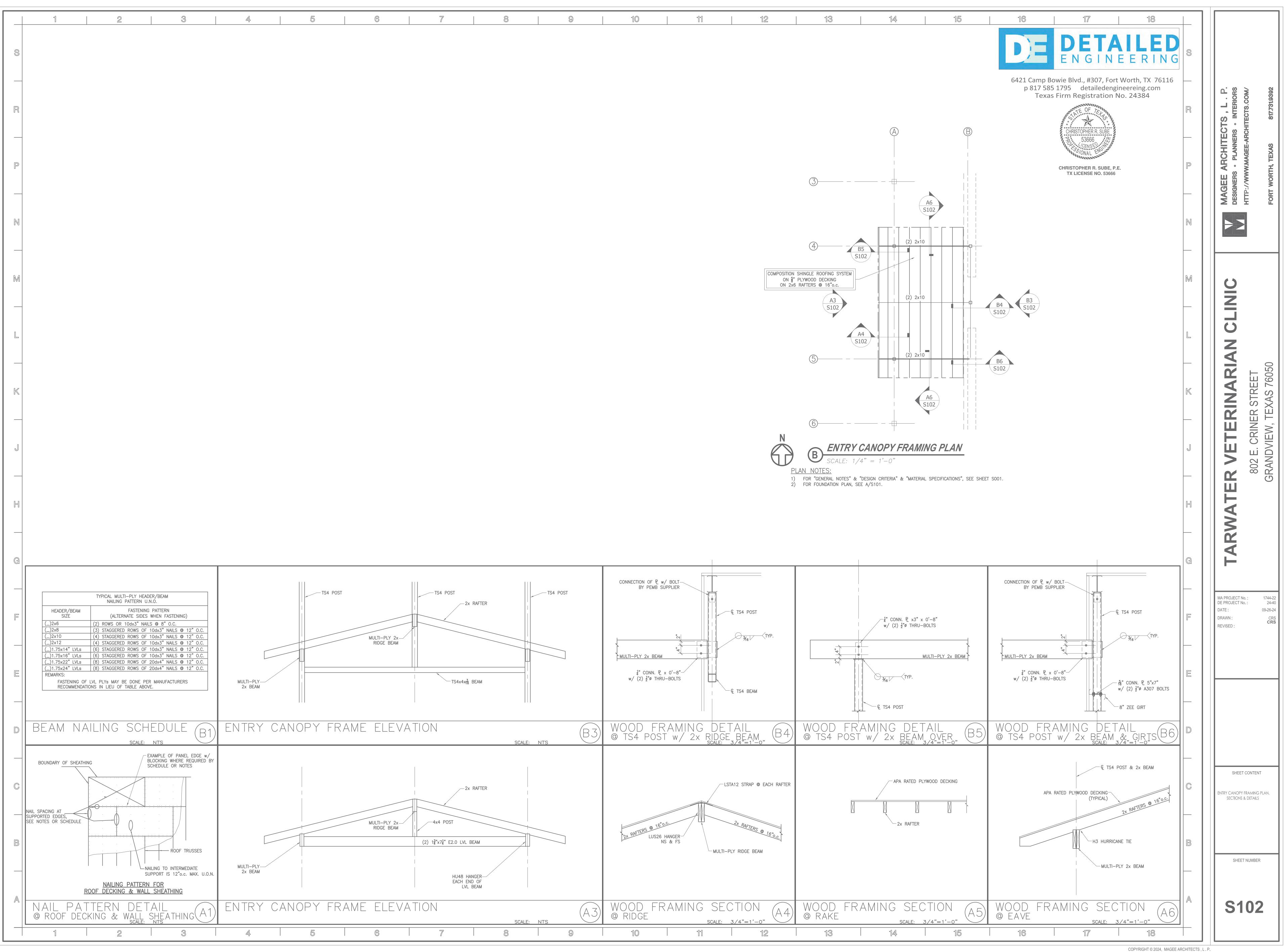
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4,500 PSF (SHALY CLAY) RT, GRANDVIEW TEXAS VETERINARIAN CLINIC, 802 EAST CRINER 42089, DATED AUGUST 2024, PREPARED BY UES, DALLAS, TEXAS. FILL AND/OR CHEMICALLY TREATED SOILS. ALL MATERIALS 6, ORGANIC MATERIAL OR ANY OTHER DELETERIOUS MATERIAL. SOILS 302 STANDARD PROCTOR MAXIMUM DRY DENSITY. CORDANCE WITH IBC AND AS NOTED IN THESE PLANS. C & ACI. DAY MINIMUM COMPRESSIVE STRENGTH OF: A (MW) 1 (NW) 1 (NW) 1 (NW) E, AFTER THE TRUCK HAS LEFT THE BATCH PLANT WITHOUT AUTHORIZATION LESS THE DELIVERY TICKET INDICATES AN AMOUNT OF WATER THAT IS ER AUTHORIZATION BY THE TESTING LAB REPRESENTATIVE. TO THE STRUCTURAL EOR FOR REVIEW & APPROVAL. SUBMITTALS SHALL IVES AND CEMENTITIOUS MATERIALS. (REATER THAN 0.125" IN TEN FEET. VCRETE SHALL COMPLY WITH ASTM C94 & SHALL BE A NRMCA CERTIFIED JIREMENTS THE PLANT SHALL BE CERTIFIED TO PRODUCE STRUCTURAL CONCRETE ING/SEALER TO THE SLAB, TIMING AND APPLICATION PROCEDURES SHALL COMPLY NY CALCIUM-CLORIDE. PCF) CONCRETE WITH A MIN. OF 4% AIR ENTRAINMENT. M C9899 MAY BE SUBSTITUTED FOR UP TO 40% OF THE PORTLAND CEMENT EXCEED 25% OF CEMENTITIOUS MATERIALS. ALL BE 0.51 (±0.03). ING & INSPECTING GENCY, ACCEPTABLE TO THE OWNER, TO PERFORM FIELD CITON REPORTS. G, PER ASTM C722: CK LOAD. LIFST-AND EACH FIFTH TRUCK AFTER THAT.	7       8         DESIGN SPECIFICATIONS:         O4200 MASONRY:         A. MASONRY CONSTRUCTION SHALL BE IN ACCOR STRUCTURES, ACI 530.1–11.         B. ACI 3.5 D LIMITS THE GROUT LIFT HEIGHT TO         O4202 MASONRY CONSTRUCTION:         A. CONCRETE MASONRY UNITS: SHALL BE HOLLOW NET AREA COMPRESSIVE STRENGTH OF 2,000 530, THE 2,000 PSI BLOCK IN COMBINATION V 2,000 PSI.         B. THE GROUT SHALL BE IN ACCORDANCE WITH A PLACED AT AN 8" TO 11" SLUMP AND HAVE A TESTED IN ACCORDANCE WITH ASTM C 1019. ENGINEEER-OF-RECORD.         C. DEFINITIONS: GROUT POUR HEIGHT – THE TOTAL HEIGHT OF MA GROUT POUR - CONSISTS OF ONE OR MORE GRO GROUT LIFT – THE LAYER OF GROUT PLACED IN A RODDING – THE ACT OF WORKING CONCRETE TO E PUDDLE STICK – A STICK OR ROD USED TO CONS         D. MASONRY CONSTRUCTION AND INSPECTION GUI 1. LAY UP MASONRY IN RUNNING BOND FOR SIZ 2. FACE SHELLS OF BED JOINT SHALL BE MORTA 3. WEBS SHALL BE MORTARED AT CELLS TO BE 4. VERTICAL CELLS ARE TO BE ALIGNED WHERE 5. INSTALL HORIZONTAL JOINT REINFORCING AT 1 6. MAINTAIN MINIMUM OF 1/2 INCH (12.7 MM) C EMBEDDED IN MORTAR.         GROUT SPACES BOTH VERTICAL AND HORIZONI AND ANY MATERIAL DELETERIOUS TO MASONRY 1. INSTALL REINFORCING	RDANCE WITH IBC AND IN ACCORDAN 5' AND REQUIRES A 1-HOUR INITIA W UNIT MASONRY IN ACCORDANCE W PSI WHEN USING TYPE M OR S MO WITH TYPE M OR S MORTAR PROVID ASTM C 476 AND SHALL HAVE A MA A MINIMUM SPECIFIED COMPRESSIVE FINE GROUT SHALL ONLY BE ALLOW ASONRY TO BE GROUTED PRIOR TO DUT LIFTS. A SINGLE CONTINUOUS OPERATION A OURED CONCRETE OR GROUT IN ITS ROD. TION OF GROUT BY USE OF A TAMP ELIMINATE HONEYCOMB, AND TO PROI SOLIDATE GROUT BY HAND. IDELINES: (ES AND REINFORCING PER PLANS A ARED. GROUTED. THEY ARE TO BE GROUT FILLED UNI 16 INCHES (407 MM) ON CENTER S' COVER ON JOINT REINFORCING TO EX TAL ARE TO BE SUBSTANTIALLY FREE ' GROUT. TO GROUTING. TO PLACING GROUT. IIONS AND DETAILS.	AL SET TIME BETWEEN LIFTS. WITH ASTM C 90 AND SHALL HAVE PRTAR (ASTM C 270) IN ACCORDAN ES A DESIGN COMPRESSIVE STREM AXIMUM COURSE AGGREGATE SIZE STRENGTH OF 2000 PSI AT 28 E WED WITH WRITTEN APPROVAL OF ERECTION OF ADDITIONAL MASONR ND IS LIMITED TO 5 FEET (1524 FORM BY FREEING THE MASS OF PING ROD. DUCE A DENSER MASS. ND ELEVATIONS. LESS BOND IS SHIFTED DUE TO S TARTING FIRST BLOCK ABOVE FOU XTERIOR AND REINFORCING SHALL E OF DROPPINGS, DEBRIS, LOOSE	E A MINIMUM NCE WITH ACI NTH (f'm) OF OF 3/8" DAYS WHEN THE RY. MM). F AIR SITE CONDITIONS. NDATION. BE	BASIC WIND SPEED: 113 RISK CATEGORY: II WIND EXPOSURE: C INTERNAL PRESSURE COE MAXIMUM DESIGN WIND F OPENING SIZE (SF) 0-20 21-50 51-100 >100 DESIGN LIVE LOADS: ROOF: DESIGN DEAD LOADS: COLLATERAL ROOF: SNOW LOADS: GROUND SNOW LOAD:	TERNATIONAL BUILDING COI 5 MPH EFFICIENT: ± 0.18 ENCLOS PRESSURES (PSF, LRFD): EDGE ZONES (5'-6" FF +30 and +29 and +27 and +26 and 20 PSF (REDUCIBLE) 7 PSF	DE (IBC) ED BUILDING ROM OUTSIDE CORNERS) -40 -38 -34	6421 Camp Bov p 817 585 1	CHRISTOPHE	Worth, TX 76116 neereing.com o. 24384	
ACH TRUCK. IX DESIGN THAT DAY & FOR EVERY 50 CYD OF CONCRETE PLACED EACH DAY. IRS. TEST, PER ASTM C39, ONE CYLINDER AT 7 DAYS, TWO CYLINDERS AT 28 STING. INDER IS LESS THAN 60% OF DESIGN STRENGTH. NCE WITH IBC, ACI 318 AND AS NOTED IN THESE PLANS. RADE 60	<ul> <li>11. PLACE GROUT IN LIFT TO 60 INCHES IN HEIGH</li> <li>12. A REINFORCING BAR MAY BE USED TO ROD G</li> <li>13. PLACE REINFORCING APPROXIMATELY 1 INCH (</li> <li>14. GROUT SHOULD SET IN APPROXIMATELY 90 MII</li> <li>15. DO NOT BEND OR MOVE REINFORCEMENT AFTE</li> <li>16. FILL ALL CELLS SOLID BELOW FINISH FLOOR E</li> <li>17. MASONRY SHALL BE INSPECTED PER ACI 530,</li> <li>E. <u>TOLERANCES</u></li> <li>CENTER REINFORCING:</li> </ul>	HT (CLEAN OUT HOLES ARE NOT RE GROUT IN CELL, TO ENSURE THERE / (25 MM) TO THE SIDE OF DOWEL IN INUTES DEPENDING ON GROUT SLUM ER GROUT HAS SET. ELEVATION.	ARE NO VOIDS IN GROUT. I CELL (ACI 530–1.12.3.3)		2. ALL DESIGN, CONSTRUJURISDICTION OVER THE	JCTION AND MATERIALS SH WORK.	ODE, ACI, AISC, AWS, NDS ALL BE IN ACCORDANCE W ONDITIONS AT THE JOB SIT	ITH APPLICABLE CODES A	ND AUTHORITIES HAVING		
ASTM A185. WITH IBC AND AS FOLLOWS: IANENTLY EXPOSED TO EARTH R IN CONTACT WITH GROUND HER OR IN CONTACT WITH GROUND LL BE LAPPED FOR 36 BAR DIAMETERS OR 24", WHICHEVER IS LAPPED 48 BAR DIAMETERS OR 30", WHICH EVER IS GREATER. )". ACCORDANCE WITH THE TYPICAL BENDING DIAGRAMS AND PLACING DETAILS SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES	CENTER REINFORCING. CENTERLINE LOCATION SHOULD BE WITHIN 1/2 INCHES HORIZONTAL LOCATION SHALL BE WITHIN 2 INCHES REINFORCING SHALL MAINTAIN POSITION WITHOUT B DO NOT MOVE REINFORCING AFTER INITIAL SET OF F. BOND BEAMS: HORIZONTAL REINFORCING SHALL BE 1/4 INCH (6 GROUT. KNOCK OUT WEB BLOCKS SHALL BE USE DEPENDING ON THE LOCATION. WIRE MESH OR SO THE BOTTOM OF THE BOND BEAMS INTO CELLS WI	S (51 MM) OF THE CENTER OF THE BEING TIED. GROUT. MM) CLEAR OF MASONRY FOR FINE ED FOR BLOCK AT THE TOP AND/OF SOME OTHER MEANS SHALL BE USED	CELL. E GROUT AND 1/2 INCH (13 MM) R THE BOTTOM OF THE BOND BEA	AMS,		S101 FOU S101 ENT	<u>-151</u> NERAL NOTES, DESIGN CRIT JNDATION PLAN, SECTIONS TRY CANOPY FRAMING PLAN JNDATION & MASONRY SEC	& DETAILS I, SECTIONS & DETAILS	ATIONS		K
FOLLOWING PRODUCTS (DUAL CARTRIDGE INSTALLATION ONLY): TH ASTM A36 OR ASTM F1554 GRADE 36. TM F436 GRADE 36. A563 GRADE A HEX. ED & CLEANED PER MANUFACTURER'S RECOMMENDATIONS AND EPOXY CTURER'S RECOMMENDATIONS	<ul> <li>13120 PRE-ENGINEERED BUILDING:</li> <li>A. THE PRE-ENGINEERED METAL BUILDING (PEMB MANUFACTURERS ASSOCIATION (MBMA) METAL B</li> <li>B. ALL INTERIOR WALLS AND EXTERIOR WALL SHE</li> <li>C. VERIFY ALL COLUMN LOCATIONS, ANCHOR BOLL APPROVED ANCHOR BOLT SHOP DRAWINGS AND</li> <li>D. METAL BUILDING MANUFACTURER SHALL DESIGN WIND LOADS IN CRITERIA.</li> <li>E. SEE METAL BUILDING ELEVATIONS FOR WALL O BY THE METAL BUILDING MANUFACTURER. PROV</li> </ul>	BUILDING SYSTEM MANUAL. EATHING SHALL BE DESIGNED BY THI TS, DIMENSIONS AND ROOF FRAMING D LAYOUT. N THE RIGID FRAMES AND HORIZONT OPENING SIZE AND LOCATIONS. FRAM	E METAL BUILDING MANUFACTURER G WITH METAL BUILDING MANUFAC TAL ROOF DIAGONAL BRACING TO IE CONNECTIONS AT ROOF SHALL	R. CTURER AND SUPPORT BE DESIGNED	THE GENERAL CONTR CONCRETE MIX DESI	-	R APPROVAL, THE FOLLOWI INGS, MASONRY MATERIALS ERECTION DRAWINGS.				J 
RDANCE WITH IBC, AISC & AWS. TEEL SHOWN ON THESE DRAWINGS SHALL BE ASTM A36 MATERIAL. D (GRADE B) N J2.2B OF AISC SPECIFICATIONS, EVEN WHEN SHOWN OTHERWISE ON INDICATED ON ARCHITECTURAL OR STRUCTURAL DRAWINGS, BUT NOT SIZED END AND 2" AT 12" o.c. BOTH SIDES. L BE MADE WITH E70XX ELECTRODES. ATES FOR ALL FIELD WELDING, IN ACCORDANCE w/ AWS D1.1. DN THE SHOP DRAWINGS. I C1107 AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5Ksi. STANDARD SHOP PRIMER. TON. DO NOT ENLARGE UNFAIR HOLES IN MEMBERS BY BURNING OR	F. FOUNDATIONS FOR THIS PEMB ARE PRELIMINAF INSTALLED PRIOR TO A FULL REVIEW OF THE	RY & ARE BASED ON PRELIMINARY									H G

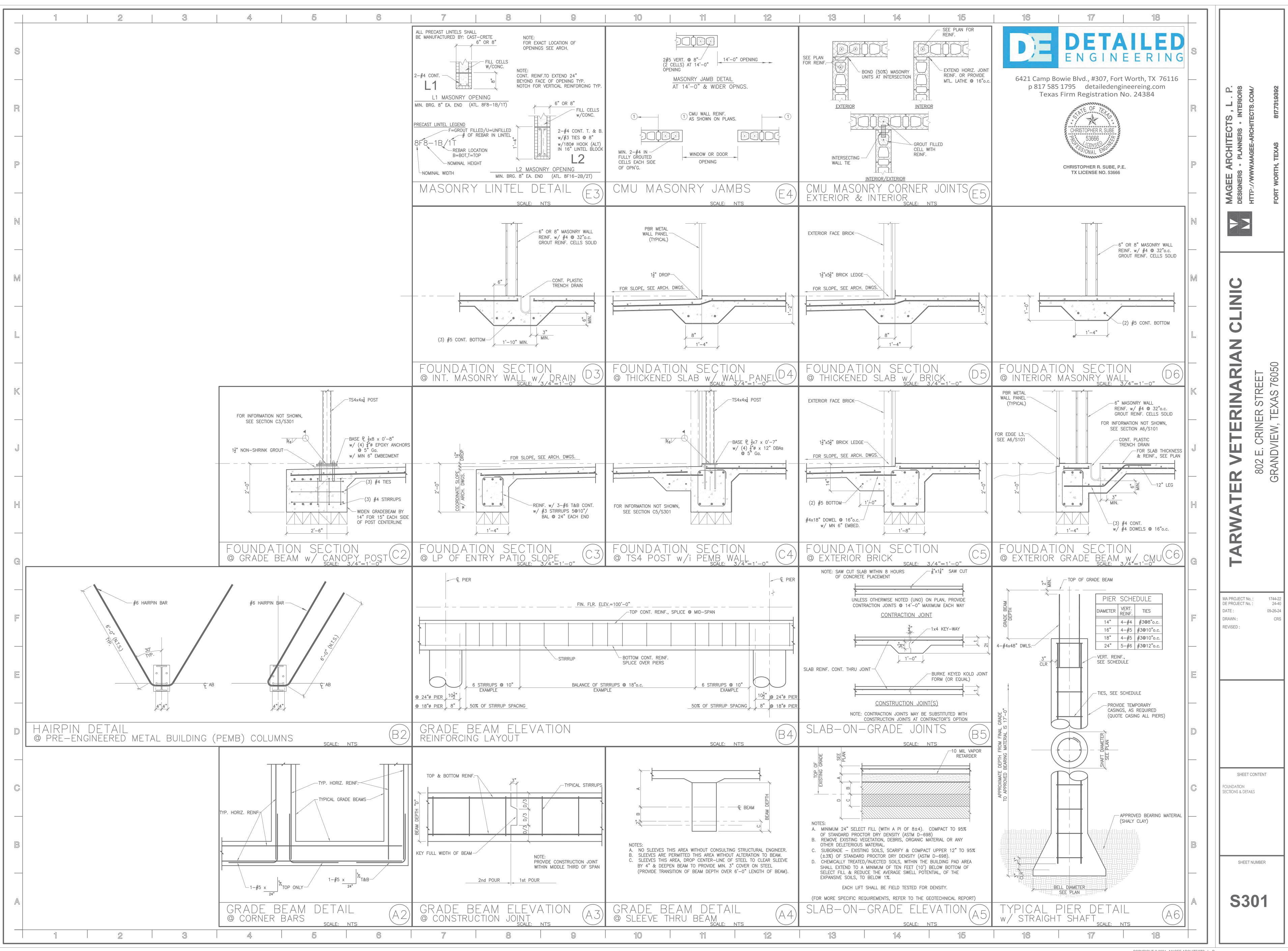
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			MECHANI	CAL PROJE	CT NOTE	ES		
		1	AUTHORITIES HAVI INSPECTIONS, LIC SUPPLIES AND MAT	IN ACCORDANCE WITH NG JURISDICTION. P ENSES AND FEES. FU ERIALS NECESSARY TO	ROVIDE ALL P RNISH ALL LA	ERMITS, BOR, EQUIPMENT,		11
V.		2	ARRANGEMENT OF P INFORMATION SHOW NECESSARILY INDI NOT SCALE THE DR	O SPECIFICATIONS IND PIPES, FIXTURES, EQU IN IS DIAGRAMMATIC I CATE EVERY REQUIRED RAWINGS FOR DIMENSIO	IPMENT, SYST N CHARACTER OFFSET, FIT NS. TAKE AL	EMS, ETC. AND DOES NOT TING, ETC. DO L DIMENSIONS,		12
			ARCHITECTURAL DR EQUIPMENT TO BE FOR PROPER CLEAR THE DESIGN INTEN	QUIPMENT LOCATIONS, AWINGS, FIELD MEASU FURNISHED. PIPING AANCES OR TO AVOID C IT (I.E. PITCHES, VE TC.) CANNOT BE GREA	REMENTS, AND MAY BE RELOC ONFLICTS WIT LOCITIES, PR	FROM THE ATED OR OFFSET H OTHER TRADES. ESSURE DROPS,		14
1		3	AVOID INTERFEREN CONFER AND COOPE WORK. COORDINATI MATERIALS AND EQ	ARCHITECT. THE COS ICE'S SHALL BE PART RATE WITH ALL OTHER ON SHALL INCLUDE, B DUIPMENT ROUTED IN C GEMENT IN MECHANICAL	OF THE ORIGI TRADES TO C UT SHALL NOT EILING AND W	NAL CONTRACT BID OORDINATE THEIR BE LIMITED TO, ALL CAVITIES,		
		4	CLEARANCE REQUIR MEMBERS AND OPEN CONFLICTS. BASE FINAL INSTA DIMENSIONS AND C	REMENTS, ELEVATIONS NINGS, ETC. NOTIFY T ALLATION OF MATERIAL CONDITIONS AT THE PR	AND DIMENSIO HE ARCHITECT S AND EQUIPM OJECT SITE.	NS OF STRUCTURAL OF ANY ENT ON ACTUAL FIELD MEASURE		16
1		5	BE GIVEN FOR THE NEITHER THE OWNE CONTRACTOR'S SAF	ID EQUIPMENT REQUIRI CONTRACTOR'S FAILU R NOR THE ENGINEER ETY PRECAUTIONS OR STRUCTION SEQUENCES,	RE TO FIELD IS RESPONSIB FOR MEANS, M	COORDINATE. LE FOR THE ETHODS,		18
		6	LOCATE ALL EQUIP MAINTAINED IN FU INCLUDE, BUT NOT SWITCHGEAR, AND	PMENT THAT MUST BE S JLLY ACCESSIBLE POSI BE LIMITED TO, VAL DRAIN POINTS IF REQ FURNISH ACCESS DOOR	TIONS. EQUI VES, MOTORS, UIRED FOR BE	PMENT SHALL CONTROLLERS, TTER		20
		7	DEVIATIONS FROM BETTER ACCESSIBI ARCHITECT AND CO MAKING THE CHANG	THE DRAWINGS MAY BE LITY. ANY CHANGES DNSTRUCTION MANAGER/	ALLOWED TO SHALL BE APP GENERAL CONT	PROVIDE FOR ROVED BY THE RACTOR PRIOR TO		21
_		8	PURCHASE AND INS WIRING, OR CONDU PROVIDE GENERAL AND CONDUIT ASSO	CONTROL WIRING, THE CIATED WITH HVAC EQ	ECTRICAL EQU RMOSTATS, MO UIPMENT. CO	IPMENT, DEVICES, TORIZED DAMPERS ORDINATE THE		23
			ARCHITECT AND AL CONFLICT WITH MI NOTIFY THE ARCHI INSTALLATION. I COVER, CENTERED	THERMOSTATS, ROOM S L OTHER TRADES PRIO LLWORK, LIGHT SWITC TECT OF THE POTENTI NSTALL THERMOSTATS AT 4'-0" ABOVE FINI	R TO INSTALL HES, WINDOWS AL INTERFERE WITH PROTECT SHED FLOOR,	ATION. IF A , ETC. EXISTS, NCE PRIOR TO IVE LOCKING UNLESS OTHERWISE		
[]		9	DISABILITIES ACT (TAS). ALL DIMENSIONS S CLEAR DIMENSIONS	CLY WITH THE PROVISI (ADA) AND THE TEXA HOWN ON THE DRAWING FOR RECTANGULAR TES THE DIMENSION O	S ACCESSIBIL S FOR DUCTWO DUCT, THE FI	ITY'S STANDARD RK ARE NET INSID RST FIGURE OF TH		24
		10	USING THE ARCHIT REFERENCE PRIOR PROVIDE TURNING RETURN DUCTWORK	EK SPECIFIED WILL FI ECTURAL, STRUCTURAL TO FABRICATION AND VANES ON ALL RECTAN INCLUDING THE TOP A	, AND ELECTR INSTALLATION GULAR SUPPLY	ICAL DRAWINGS AS , EXHAUST, AND		
			UNLESS OTHERWISE	INDICATED.				
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### MECHANICAL PROJECT NOTES

PROVIDE A LOCKING QUADRANT VOLUME DAMPER AT THE TAP OF EACH RUN-OUT TO DIFFUSERS FOR BALANCING PURPOSES, UNLESS OTHERWISE INDICATED. THE RUN-OUT DUCT SIZE IS THE SAME SIZE AS THE DIFFUSER OR GRILLE NECK SIZE, UNLESS OTHERWISE INDICATED. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF ALL FIRE RATED WALLS AND CEILINGS. PROVIDE FIRE DAMPERS AND/OR COMBINATION FIRE/SMOKE DAMPERS IN DUCTWORK AT ALL LOCATIONS WHERE DUCTS PASS THROUGH FIRE RATED ASSEMBLY. MECHANICAL SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING FIRE AND FIRE/SMOKE DAMPERS. COORDINATE CONSTRUCTION REQUIREMENTS AND PROVISIONS FOR CONNECTIONS TO FIRE ALARM SYSTEM.

ALL RECTANGULAR AND ROUND SUPPLY AND RETURN DUCTWORK LOCATED IN EXPOSED INTERIOR AREAS SHALL BE INTERNALLY LINED WITH DUCT LINER AND EXTERNALLY PAINTED. REFER TO ARCHITECT FOR COLOR SELECTION. INSTALL DX PIPING AS SPECIFIED, INCLUDING FILTER/DRYER, SIGHT GLASS, ISOLATION/CHARGING VALVES, AND ALL APPURTENANCES PER MANUFACTURER'S RECOMMENDATIONS. INSTALLATION SHALL BE ACCOMPLISHED IN A NEAT AND ORDERLY FASHION, AS APPROVED BY THE

ENGINEER. COORDINATE FOR ROUTING OF DX PIPING, UP INSIDE OF WALLS, ETC. AS REQUIRED, TERMINATING AT AHU'S. PROVIDE BRACING/ISOLATION AS REQUIRED TO PREVENT VIBRATION OF DX PIPING INSIDE WALLS, ETC. SIZE, ROUTE, AND INSULATE DX PIPING PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATION REQUIREMENTS. PROVIDE VIBRATION ISOLATORS FOR MOTOR DRIVEN EQUIPMENT, UNLESS OTHERWISE NOTED. PROVIDE ISOLATION AS INDICATED OR AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.

SEAL ALL PIPE AND DUCT PENETRATIONS THROUGH FIRE RATED BUILDING ELEMENTS WITH AN APPROVED FIRE PROOFING MATERIAL. ALL EQUIPMENT SHALL HAVE IDENTIFICATION TAGS. TAGS SHALL BE PLASTIC LAMINATE, WHITE FACE WITH 1/2" TALL BLACK LETTERS. THE

TAG SHALL MATCH THE UNIT DESIGNATIONS SHOWN ON THE SCHEDULES. EXPAND OR REDUCE DUCTS AT EQUIPMENT CONNECTIONS BASED ON THE EQUIPMENT PURCHASED, WITH TRANSITIONS NOT TO EXCEED 30 DEGREES. SIZES SHOWN ON SCHEDULES, ETC. ARE FOR GUIDANCE ONLY. ASPECT RATIO SHALL BE NO GREATER THAN 4:1, PER SMACNA'S GUIDELINES. ALL DUCTS WITH A DIMENSION GREATER THAN 12" PASSING THRU A NON-RATED WALL SHALL HAVE THE OPENING FRAMED IN WITH METAL STUDS. COORDINATE OPENING SIZE AND LOCATION WITH OTHER TRADES. PROVIDE ALL CEILING RETURN GRILLES WITH RETURN SOUND ATTENUATOR AS DETAILED.

WHERE DAMPERS ARE LOCATED ABOVE HARD CEILINGS PROVIDE CONCEALED YOUNG REGULATORS. REGULATORS SHALL NOT BE LOCATED IN CORRIDORS, PATIENT CARE, OR TREATMENT AREAS. EACH REGULATOR SHALL BE LABELED PER THE SPECIFICATIONS.

TEST AND BALANCE SHALL BE PERFORMED BY AN AABC LICENSED FIRM IN THE TESTING, ADJUSTING, AND BALANCING (TAB) BUSINESS FOR A MINIMUM OF 10 YEARS. AABC FIRM SHALL SUBMIT A REPORT TO THE ENGINEER OF RECORD INDICATING EQUIPMENT NAMEPLATE DATA, DESIGN PERFORMANCE, INITIAL TESTED PERFORMANCE, AND FINAL ADJUSTED PERFORMANCE. REPORT SHALL BE SUBMITTED IN A TIMELY FASHION PRIOR TO JOB CLOSE-OUT. TAB SHALL BE PERFORMED ON ALL NEW SYSTEMS SPECIFIED AND ON ALL EXISTING SYSTEMS MODIFIED AS PART OF THIS CONTRACT. TAB FIRM SHALL PERFORM A FUNCTIONAL PERFORMANCE TEST OF THE SYSTEM BASED ON THE CONTRACT DOCUMENTS HEREIN AND SHALL RELAY ALL DISCREPANCIES AND OUTSTANDING CONSTRUCTION ITEMS RELATING TO THE MECHANICAL EQUIPMENT AND PERFORMANCE TO THE ENGINEER OF RECORD. ALL DUCTWORK SHALL BE SHEET METAL FABRICATED IN ACCORDANCE WITH SMACNA STANDARDS. SUPPLY AND RETURN DUCTWORK LOCATED OUTSIDE, EXPOSED TO AMBIENT CONDITIONS, SHALL BE INTERNALLY LINED WITH 2" DUCT LINER. BREAK SHEET METAL IN A MANNER TO PREVENT STANDING

WATER ON HORIZONTAL SURFACES. SEAL ALL SEAMS WITH MASTIC DESIGNED FOR USE ON METAL DUCT, GLASS FIBER DUCT BOARD, AND FLEXIBLE DUCT. MASTIC SHALL BE UL 181 LISTED FOR THE APPLICATION USED.

(D)	EXISTING TO BE REMOVED
(E)	EXISTING TO REMAIN
(R)	EXISTING TO BE RELOCATED
A/C	AIR CONDITIONING UNIT
AFF	
	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
АНЈ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
BAS	BUILDING AUTOMATION SYSTEM
BFG	BELOW FINISHED GRADE
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNIT PER HOUR
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CU	COPPER, CONDENSING UNIT
D	EQUIPMENT DRAIN
DB	DRY BULB
DEG, °	DEGREES
020,	
DEMO	DEMOLITION
DN	DOWN
E/A	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EF	EXHAUST FAN
EQUIP	EQUIPMENT
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FPVAV	FAN POWERED VAV
	FIRE SMOKE DAMPER
FSD	
FT	FEET
FT. WG	FEET, WATER GAUGE
GA	U.S. GAUGE
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HWR	HEATING WATER RETURN
HWS	HEATING WATER SUPPLY
HZ	HERTZ
IN	INCHES
IN. WG	INCHES, WATER GAUGE
KW	KILOWATT
LAT	
	LEAVING AIR TEMPERATURE
LBS	POUNDS
LRA	LOCKED ROTOR AMPS
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	1000 BRITISH THERMAL UNITS PER HOUR
MCA	MINIMUM CIRCUIT AMPACITY
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
N/A	NOT APPLICABLE
0/A	OUTSIDE AIR
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
PH	PHASE
PROVIDE	FURNISH AND INSTALL
_	
PSI	POUNDS PER SQUARE INCH
R/A	RETURN AIR
RE:	REFERENCE, REFER
RFI	REQUEST FOR INFORMATION
RLA	RUNNING LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
S/A	SUPPLY AIR
SD	SMOKE DETECTOR
SF	SUPPLY FAN
т/А	TRANSFER AIR
TSP	TOTAL STATIC PRESSURE
ТҮР	TYPICAL
UL	UNDERWRITERS LABORATORIES
V	VOLTAGE
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
W	WATTS
W	

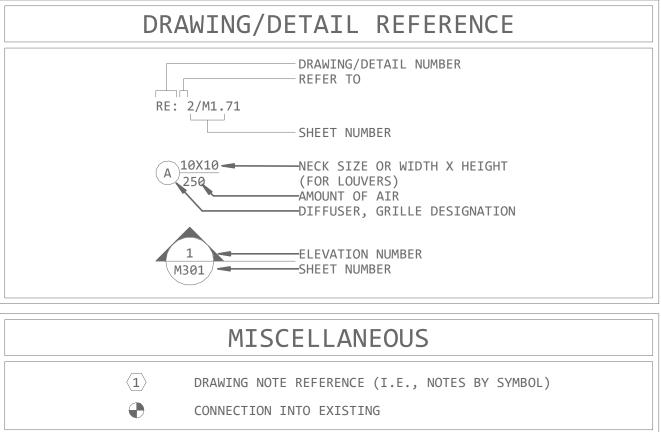
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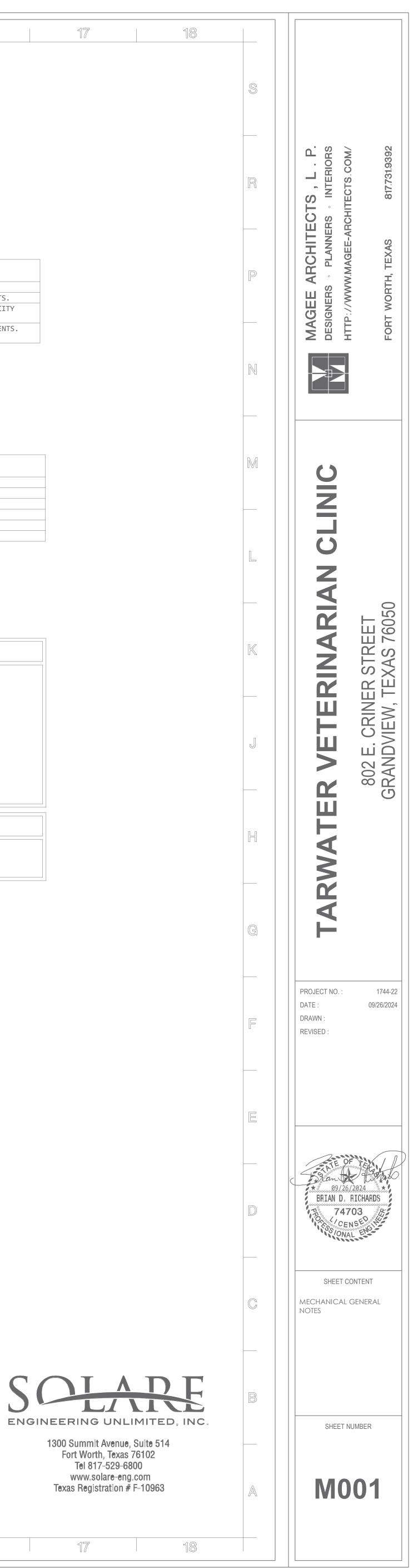
12	13	1 <i>4</i> ,	15	16	17	18

MECHANICAL CODE SUMMARY													
	CODE SUMMARY												
BUILDING CODE:	2021 INTERNATIONAL BUILDING CODE (IBC) WITH CITY AMENDMENTS.												
IECC CODE:	2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) WITCH CITY AMENDMENTS.												
MECHANICAL CODE:	2021 INTERNATIONAL MECHANICAL CODE (IMC) WITH CITY AMENDMENTS.												

ME	Cł	ANICA	L BA	<b>\S</b> ]	[S	C	<b>)F</b>	DESIGN	
TEMPERATURE	AT	CONDENSING	UNITS:	105	DEG	F	(DB,	SUMMER)	

AMBIENT TEMPERATURE AT CONDENSING UNITS:	105 DEG F (DB, SUMMER)
INDOOR DESIGN TEMPERATURE (SUMMER):	75 DEG F (DB), 50% (RH)
INDOOR DESIGN TEMPERATURE (WINTER):	70 DEG F (DB)
OUTDOOR DESIGN TEMPERATURE (SUMMER):	98 DEG F (DB), 78 DEG F (WB)
OUTDOOR DESIGN TEMPERATURE (WINTER):	22 DEG F (DB)
OUTSIDE AIR REQUIREMENTS:	PER IMC TABLE 403.3





12	13	14,	15	16	17	18

	100% O/A SPLIT SYSTEM A/C UNIT WITH ELECTRIC HEAT																							
MARK		1	EVAPO	RATOR	R FAN	ELECTRI	C HEAT	ING		COMPRES	SSOR	CC	ONDENS	SER		NET (	COOLIN	<b>G PERF</b>	ORMAN	ICE		ELECTRIC	REHEA	TING
AHU/CU	ARRANGEMENT	S/A	O/A	EXT.	MOTOR	LEAVING AIR		NO.	NO		REF.	NO.	H.P.	O.D.	ENTERING	<b>G AIR</b>	LEAVI	<b>NG AIR</b>	CAP	ACITY	(MBH)	LEAVING AIR		NO.
-		CFM	CFM	S.P.	HP	D.B.	KW	STAGES	NO.	RLA	TYPE	FANS	EACH	D.B.	D.B.	<b>W.B</b> .	D.B.	W.B.	SENS	LAT	TOTAL	D.B.	MBH	STAGE
3	UPPLOW	1,500	1,500	0.5	2.00	95.0	35	SCR	2	20.4/22.4	R-410A	2	1	105	100.0	78.0	55.0	54.5	72.9	54.3	127.2	95.0	38	SCR

1. EXTERNAL STATIC PRESSURE ("WG") INCLUDES DUCTWORK, BALANCING DAMPERS AND AIR D 2. CAPACITIES LISTED ARE NET FROM UNIT DISCHARGE. UNITS SHALL PERFORM TO LISTED CAPA 3. PROVIDE FACTORY CONDENSER COIL HAIL GUARDS.

4. PROVIDE WITH MODULATING ELECTRIC HEAT (SCR).

5. PROVIDE WITH CRANKCASE HEATER.

6. PROVIDE WITH MODULATING VFD DRIVEN COMPRESSOR

7. AAON IS THE BASIS OF DESIGN. NO EXCEPTIONS.

8. PROVIDE WITH AAON CONTROLLER WITH PROGRAMMING TO SUPPORT BOTH TEMPERATURE A 9. PROVIDE UNIT WITH MODULATING ELECTRIC REHEAT (SCR).

			INDOOR UNIT										
MARK	TONNAGE		UNIT	O/A	EXT.		POWER CONNECTION						
	TONNAGE	ARRANGEMENT	CFM	CFM	S.P.	H.P.	V.	Ph.	CIRC	U			
							۷.	FII.	МСА				
AHU/CU-1	3	VERTICAL	980	200	0.4	1/2	230	1	5.0				
AHU/CU-2	5	VERTICAL	1,740	350	0.7	3/4	230	1	9.0				
AHU/CU-4	1.5	WALL MOUNTED	437	0	-	-	230	1	1.0				
										-			

REMARKS: 1. UNITS SHALL BE PROVIDED WITH TXV VALVES

2. SIZE, ROUTE, INSULATE AND PROVIDE APPURTENANCES FOR DX PIPING SYSTEMS, IN STRICT ACCORDANCE WITH MAN

3. LISTED CAPACITIES ARE FOR THE FAN COIL UNIT AND CONDENSER UNIT COMBINATION. UNITS SHALL PERFORM TO LIS 4. PROVIDE FACTORY CONDENSER COIL HAIL GUARDS.

5. SEER / EER. RATINGS ARE AT ARI CONDITIONS FOR CONDENSING UNIT ONLY.

6. PROVIDE FILTER DRYER AND SIGHT GLASS ON THE DX LINES.

7. FOR LONG DX RUNS, USE MANUFACTURER'S RECOMMENDED LONG LINE INSTALLATION GUIDELINES.

8. PROVIDE FACTORY PROGRAMMABLE THERMOSTAT 7-DAY, 2-EVENT.

9. COORDINATE OUTDOOR UNIT MOUNTING REQUIREMENTS. 10. ACCEPTABLE MANUFACTURERS ARE: CARRIER, LG, DAIKIN, TRANE, MITSUBISHI.

11. PROVIDE WITH AN MINI CONDENSATE PUMP.

12. ACCEPTABLE MANUFACTURERS ARE: MITSUBISHI, LG.

13. THE INDOOR UNIT IS POWERED BY THE OUTDOOR UNIT.

					F	AN SCHE	EDUI	
MARK	SERVES	CFM	EXT. SP	MOTOR DATA				
EF-	SERVES	CFIN	IN WG	HP	VOLTS	PH	DR	
1-6	RESTROOMS & EXAM ROOMS	50	0.3	1/25	120	1	DIR	
7	PREP ROOM	830	0.3	1/3	120	1	DIR	
8	ANIMAL ZONES	780	0.5	1/5	120	1	DIR	

REMARKS:

1. ACCEPTABLE MANUFACTURER'S ARE: LOREN COOK, GREENHECK, PENNBARRY.

2. PROVIDE VIBRATION ISOLATORS.

3. FAN RUNS INTERMITTENTLY, CONTROLED BY THE ATTACHED OCCUPANCY SENSOR.

4. FAN RUNS INTERMITTENTLY, CONTROLED BY A SWITCH WITH A PROGRAMMABLE TIMER.

5. FAN RUNS CONTINUOUSLY.

### LOUVER SCHEDULE

MADK	ARK CFM TYPE		MATERIAL			OPENING SIZE	
WARK	CLINI	ITPE		WIDTH(IN)	HEIGHT(IN)	VELOCITY (FPM)	FREE AREA (SF)
L1	310	EXHAUST	ALUMINIUM	12.0	18.0	600	0.50
L2	550	INTAKE	ALUMINIUM	12.0	30.0	600	0.92
L3	1,500	INTAKE	ALUMINIUM	24.0	36.0	600	2.50
L4	830	EXHUAST	ALUMINIUM	18.0	30.0	600	1.37
L5	770	EXHUAST	ALUMINIUM	18.0	30.0	600	1.30

1. OR APPROVED EQUAL

2. PROVIDE EXTRUDED ALUMINUM, 4" DRAINABLE STATIONARY WALL LOUVER WITH BIRD SCREEN.

3. PROVIDE LOUVER WITH ANODIZED FINISH, COORDINATE COLOR WITH ARCHITECT

4. PROVIDE WITH EXTENDED SILL. 5. PROVIDE TRANSITION OR ADAPTOR WHERE REQUIRED TO ADAPT DUCTWORK TO NECK SIZE.

				AIR DEVIC	
MARK	SERVES	NECK SIZE (INCHES)	FACE SIZE (INCHES)	MOUNTING	TYPE
S1	SUPPLY		48 x 4	CEILING	SLOT
00		0.0.10	0404		

MARK	SERVES	NECK SIZE (INCHES)	FACE SIZE (INCHES)	MOUNTING	TYPE	MATERIAL	MAXIMUM NC	DESIGN BASIS MANUFACTURER/ MODEL SERIES	REMARKS
S1	SUPPLY		48 x 4	CEILING	SLOT	ALUMINUM	25	TITUS/ML-37	16
S2	SUPPLY	6,8,10	24 x 24	CEILING	LOUVERED	ALUMINUM	25	TITUS/TDCA	1,2
S3	SUPPLY	6,8	24 x 24	CEILING	LOUVERED	ALUMINUM	25	TITUS/OMNI	1,2
R1	RETURN	8	48 x 4	CEILING	SLOT	STEEL	30	TITUS/MLR-37	1,2,3,6
R2	RETURA	6,8,10	24 x 24	CEILING	LOUVERED	STEEL	30	TITUS/PAR	1,2
E1	EXHAUST	6,8,10,12,14	24 x 24	CEILING	LOUVERED	STEEL	30	TITUS/PAR	1,2
E2	EXHAUST	6	12 x 12	CEILING	LOUVERED	STEEL	30	TITUS/PAR	1,2

1. PROVIDE MOUNTING FRAME TO BE COMPATIBLE WITH TYPE OF CEILING IN WHICH THE DEVICE IS TO BE MOUNTED. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPES.

2 WHERE ROUND NECK SIZE IS NOTED ON DUCTWORK PLAN, PROVIDE RECTANGULAR TO ROUND DUCT COLLAR. 3. PROVIDE WITH ONE (1) 1/2" SLOTS.

4. PROVIDE WITH BORDER 2A.

5. PROVIDE WITH MPI INSULATED PLENUM.

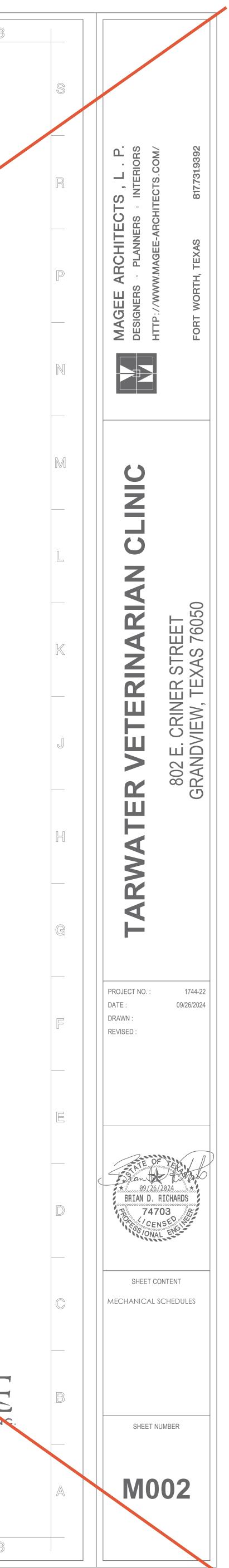
6. SLOT BORDER IS X-X, CONTRACTOR TO COORDINATE.

1 2 3 4 5 

1	2	3	4	5	6	7	8	9	10	11	12	13	14.	15	16	17	18
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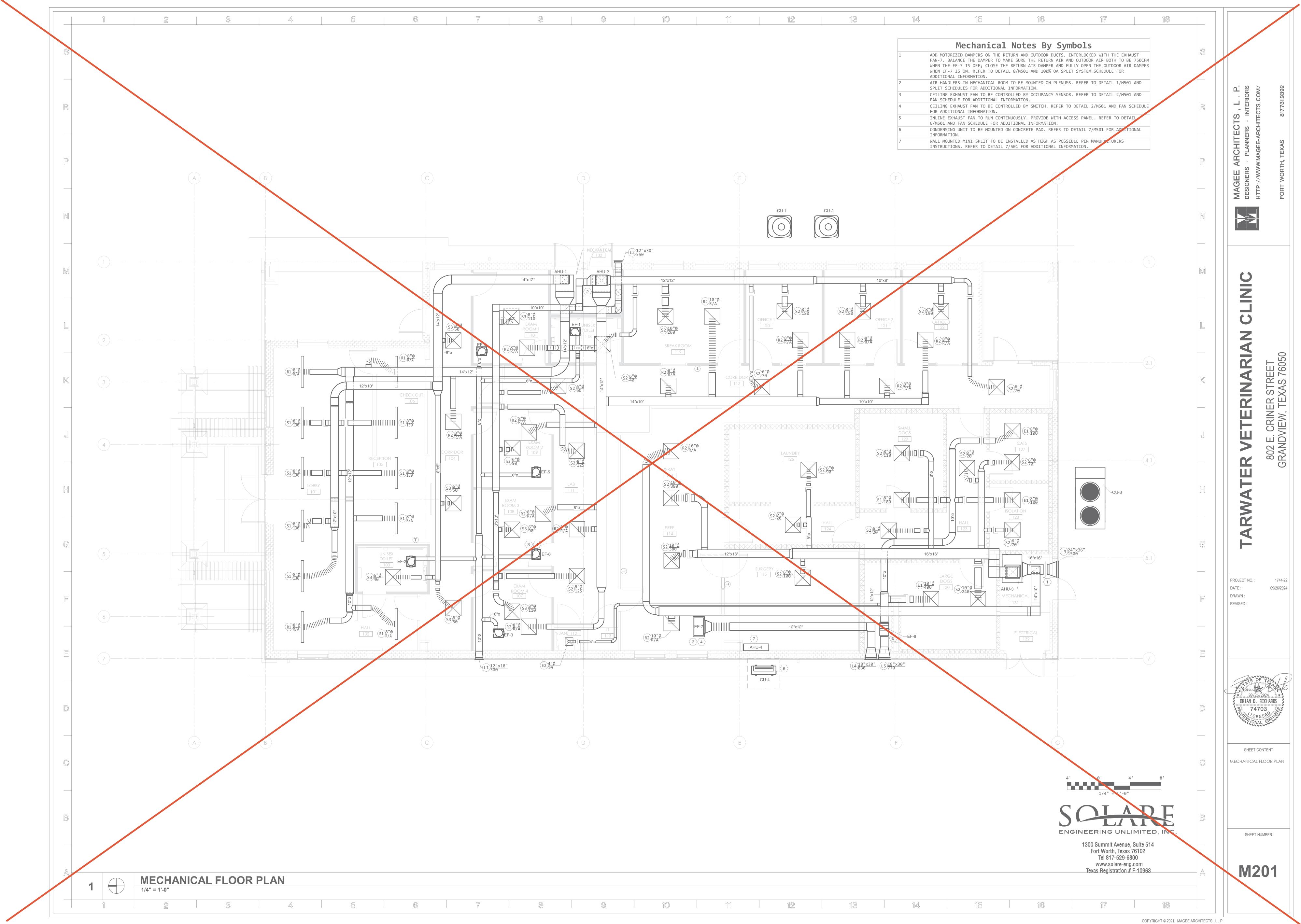
# JLE **DRIVI** IRECT REC IRECT

C	OMPRI	ESSOR		ENSER		NET COOL		ORMANCE	1			ATING	AHU F	OWER C	CONN.	CU	POWER C	ONN.		MANUFACTURER	UNIT WEIGHTS		
	RLA	REF. TYPE	FANS EA		D.B.		3. W.B.	SENS LA				STAGE	-5		МОСР		Ph. MCA			AND MODEL	AHU/CU(LBS)	REMARKS	
	20.4/22.4		2	1 105	100.0	78.0 55.	0 54.5	72.9 54	4.3 127.2	95.0	38	SCR	230 3	90.0	90.0	230	3 63.0	80.0	10.8	AAON V3 & CFA	775/1122	1-10	
R DEVIC			RMANCE MUS	ST SATISF	Y BOTH SEN	NSIBLE AND	LATENT C	CAPACITY RI	EQUIREMEN	ITS.													
RE AND	HUMIDI	ITY CONTR	OL.																				
						OVOTEL																	
ON				COM	SPLII APRESSORS	REF.	FANS		AIR COC POWER		G UNIT HEATING CA								DERFORM	ANCE DATA			
JIT 1 MOCP	WEI	IGHT/LBS	MANUFACTURE AND MODEL N	ER	R.L.AMPS EACH	TYPE		CON	NECTION MCA MC	O.D.		LVG DB TEMP	MBH	NUFACTU	RER AND M	ODEL NO.		IBHI)	D.B. F.	D.B. W.B. F. F.	EMARKS		
15.0 15.0 -		144 174 29	TRANE/TEM6 TRANE/TEM6 MITSUBISHI/MS	5 1	17.0 32.1 17.0	R410A1R410A1R410A1	0.74 1.3 0.65	230123012301	41 6	25     22       20     22       20     22	60 60 75	85 85 95	26.2 46.3 9.4	TR	ANE/4TWR ANE/4TWR SUBISHI/MU		33.1 58.9 16.4	27.6 47.0 10.9	105 105 105	81 68	1-10 1-10 9, 11-13		
			NSTRUCTIONS.																				
DLISTED	CAPACITI	IES.																					
<b>LE</b> RIVE	MAX	WEIGHT	/I BS	MANUFACT	URER/	REM	ARKS																
RECT	<b>SONES</b> 10.2	12		MODEL SE	-128	1,	2,3																
RECT	4.0 9.5	58 49		COOK/GC OOK/100 SQI			2,4 2,5																
											$\mathbf{i}$												
	MA	ANUFACUTREI	2	_																			
DELTA	AND	MODEL NUME																					
0.1 0.1 0.1	POT	TORFF EFD-4 TORFF EFD-4 TORFF EFD-4	45 1,2,3,4,5	_																			
0.1 0.1	POT	TORFF EFD-4	45 1,2,3,4,5														$\searrow$						
MATERIA	L		DESIGN BA MANUFACTU MODEL	SIS RER/	REMARKS																		
ALUMINU	N	25	TITUS/ML-		16																		
ALUMINU		25 25	TITUS/TDO	NI	1,2 1,2																		
STEEL STEEL STEEL		30 30 30	TITUS/MLR TITUS/PA TITUS/PA	R	1,2,3,6 1,2 1,2																		
STEEL		30	TITUS/PA	R	1,2																SC		
																						NG UNLIMITE mmit Avenue, Suite 5'	
																					Fort \ Te	Worth, Texas 76102 el 817-529-6800	
																					Texas F	vw.solare-eng.com Registration # F-10963	3
	6		77		8		<u>Q</u> )		าก	1			19		12		14			15	16	]7	18
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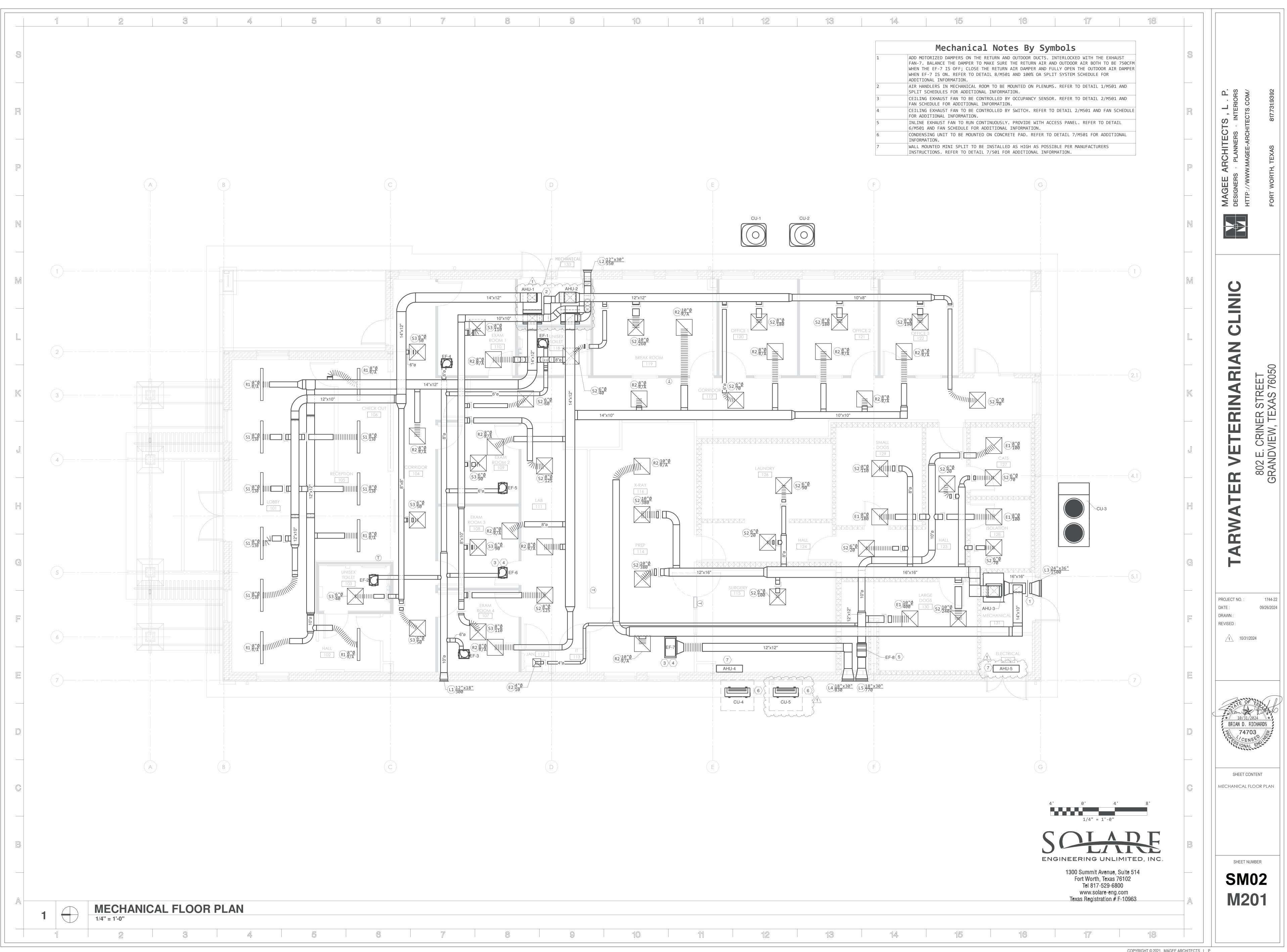
MARK AHU/CU							100% O/A SPLI1	SYSTEM A/	C UNIT WITH ELE	CTRIC HEAT							
	ARRANGEMENT S	EVAPORATOR FAN A O/A EXT. MOTO	ELECTRIC H	NO	COMPRESSOR REF.	CONDENSERNO.H.P.O.E		COOLING PERFC	RMANCE CAPACITY (MBH)	ELECTRIC RI	NO	AHU POWER		CU POWER CON	FFR	MANUFACTURER	UNIT WEIGHTS
-	CI	M         CFM         S.P.         HP           00         1,500         0.5         2.00	D.B.	KW STAGES NO.	RI A	FANS EACH D.E	B. D.B. W.B.	D.B. W.B. \$	ENS         LAT         TOTAL           72.9         54.3         127.2	<b>D.B.</b> 95.0	MBHSTAGES38SCR	V.         Ph.         MC           208         3         90.			MOCP         Lin           80.0         10.8	AND MODEL	AHU/CU(LBS) 775/1122
1 FXTF		E ("WG") INCLUDES DUC															
<ol> <li>PROV</li> <li>PROV</li> <li>PROV</li> <li>PROV</li> <li>PROV</li> <li>PROV</li> <li>AAON</li> <li>PROV</li> </ol>	TIDE FACTORY CONDEN TIDE WITH MODULATING TIDE WITH CRANKCASE TIDE WITH MODULATING I IS THE BASIS OF DESIG TIDE WITH AAON CONTF	VFD DRIVEN COMPRES	SOR MING TO SUPPORT BO1				SFY BUTH SENSIBLE	ANDLATENT CA	ACTIY REQUIREMENT	Э.							
							SPLIT SYS	TEM SCHEDU	ILE								
		UNIT		DOOR UNIT POWER CONNECTION		C	OMPRESSORS REF.	FANS	AIR COOL POWER	ED CONDENSING UNIT	IG CAPACITY			FCU C CAPAC	OOLING PERFOR	ENTERING	
MARK	TONNAGE	RRANGEMENT CFM	CFM S.P. H.P. V.	Ph. CIRCUIT 1 MCA MOCF	WEIGHT/LBS	MANUFACTURER AND MODEL NO. NO.	R.L.AMPS TYPE EACH	NO. FLA	CONNECTIONV.Ph.MCAMOC	O.D. I.D. DE TEMP TEMP	B LVG DB TEMP	IBH MANUFAC	URER AND MODEL	NO. (MBI TOTAL	H) D.B. SENS F.	D.B. W.B.	REMARKS
AHU/CU AHU/CU AHU/CU AHU/CU REMARKS:	-2 5 -4 1.5	/ALL MOUNTED     437       /ALL MOUNTED     400	200     0.4     1/2     208       350     0.7     3/4     208       0     -     -     208       0     -     -     208	3 1 9.0 15.0	174	TRANE/TEM61TRANE/TEM61MITSUBISHI/MSZ1MITSUBISHI/MSY1	17.0 R4104 32.1 R4104 17.0 R4104 17.0 R4104	A 1 1.3 A 1 0.65	208     1     24     35       208     1     41     60       208     1     18     20       208     1     7     15	22 60 22 60 		6.3 9.4	TRANE/4TWR TRANE/4TWR TSUBISHI/MUZ TSUBISHI/MUY	33.1 58.9 16.4 9.0		81 68	1-10 1-10 2-9, 11-13 2-9, 11-13
<ol> <li>SIZE, RC</li> <li>LISTED C</li> <li>PROVIDE</li> <li>SEER / E</li> <li>PROVIDE</li> <li>FOR LON</li> <li>PROVIDE</li> <li>COORDII</li> <li>ACCEPT</li> <li>ACCEPT</li> </ol>	OUTE, INSULATE AND PROVID CAPACITIES ARE FOR THE FA E FACTORY CONDENSER COI EER. RATINGS ARE AT ARI CO E FILTER DRYER AND SIGHT ( NG DX RUNS, USE MANUFACT E FACTORY PROGRAMMABLE NATE OUTDOOR UNIT MOUN	E APPURTENANCES FOR DX P N COIL UNIT AND CONDENSER HAIL GUARDS. NDITIONS FOR CONDENSING U ALASS ON THE DX LINES. URER'S RECOMMENDED LONG THERMOSTAT 7-DAY, 2-EVEN ING REQUIREMENTS. CARRIER, LG, DAIKIN, TRAN E PUMP. MITSUBISHI, LG.	NUNIT COMBINATION. UNITS JNIT ONLY. G LINE INSTALLATION GUIDEL T.	SHALL PERFORM TO LISTE		INSTRUCTIONS.											
			F	AN SCHEDULE													
MARK EF- 1-6 7 8 REMARKS:	SERVES RESTROOMS & EXAM ROO PREP ROOM ANIMAL ZONES	CFM         EXT. SP IN WG           MS         50         0.3           830         0.3         0.3           780         0.5         0.5	MOTOR DAT/           HP         VOLTS           1/25         120           1/3         120           1/5         120	PHDRIVE1DIRECT1DIRECT1DIRECT1DIRECT	MAX SONES         WEIGHT           10.2         12           4.0         58           9.5         49	COOK/0	SERIES GC-128 GC-822	<b>REMARKS</b> 1,2,3 1,2,4 1,2,5									
1. ACCEPTA 2. PROVIDE 3. FAN RUNS 4. FAN RUNS	VIBRATION ISOLATORS. S INTERMITTENTLY, CONTRO	LOREN COOK, GREENHECK, F LED BY THE ATTACHED OCCU LED BY A SWITCH WITH A PRO	PANCY SENSOR.														
		L	OUVER SCHEDULE														
MARK	CFM TYPE MATER	AL WIDTH(IN) HEIGHT(II	OPENING SIZE N) VELOCITY (FPM)	FREE AREA (SF)	A P AND MODEL NUME	REMARKS											
	310EXHAUSTALUMIN550INTAKEALUMIN		600 600	0.50 0.1 0.92 0.1													
	1,500INTAKEALUMIN830EXHUASTALUMIN	UM 18.0 30.0	600 600	2.50         0.1           1.37         0.1	POTTORFF EFD-4	45 1,2,3,4,5											
L3 L4	LOUVER WITH ANODIZED FIN	UM 18.0 30.0 RAINABLE STATIONARY WALL ISH, COORDINATE COLOR WIT HERE REQUIRED TO ADAPT D	TH ARCHITECT	1.30 0.1 I.	POTTORFF EFD-4	45 1,2,3,4,5											
L3 L4 L5 1. OR APPR 2. PROVIDE 3. PROVIDE 4. PROVIDE	WITH EXTENDED SILL. TRANSITION OR ADAPTOR W																
L3 L4 L5 1. OR APPR 2. PROVIDE 3. PROVIDE 4. PROVIDE				SCHEDULE													
L3 L4 L5 1. OR APPR 2. PROVIDE 3. PROVIDE 4. PROVIDE		NECK SIZE FACE SI (INCHES) (INCHE		SCHEDULE TYPE MATER	IAL MAXIMUM NC	DESIGN BASIS MANUFACTURER/ MODEL SERIES	REMARKS										
L3 L4 L5 1. OR APPR 2. PROVIDE 3. PROVIDE 4. PROVIDE 5. PROVIDE 5. PROVIDE	TRANSITION OR ADAPTOR W	8 48 x 4	ZE S)MOUNTINGCEILING	TYPE     MATER       SLOT     ALUMIN	IUM 25	MANUFACTURER/ MODEL SERIES TITUS/ML-37	16										
L3 L4 L5 1. OR APPR 2. PROVIDE 3. PROVIDE 4. PROVIDE 5. PROVIDE	TRANSITION OR ADAPTOR W SERVES SUPPLY SUPPLY SUPPLY	8     48 x 4       6,8,10     24 x 2       6,8     24 x 2	ZE S)MOUNTINGCEILING4CEILING4CEILING	TYPEMATERSLOTALUMINLOUVEREDALUMINLOUVEREDALUMIN	NC           IUM         25           IUM         25           IUM         25           IUM         25	MANUFACTURER/ MODEL SERIES TITUS/ML-37 TITUS/TDCA TITUS/OMNI	16 1,2 1,2										
L3 L4 L5 1. OR APPR 2. PROVIDE 3. PROVIDE 4. PROVIDE 5. PROVIDE 5. PROVIDE MARK S1 S2 S3	TRANSITION OR ADAPTOR W	8 48 x 4 6,8,10 24 x 2	ZE S)MOUNTINGCEILINGCEILINGCEILINGCEILINGCEILINGCEILINGCEILINGCEILING	TYPEMATERSLOTALUMINLOUVEREDALUMIN	NC           IUM         25           IUM         25           IUM         25           IUM         25           IUM         25           IUM         25           IUM         30	MANUFACTURER/ MODEL SERIES TITUS/ML-37 TITUS/TDCA	16 1,2										
L3 L4 L5 1. OR APPR 2. PROVIDE 3. PROVIDE 4. PROVIDE 5. PROVIDE 5. PROVIDE 5. PROVIDE 5. PROVIDE 81 82 83 R1 82 83 R1 82 83 R1 82 83 81 82 82 83 81 82 83 81 82 83 81 82 83 81 82 83 81 82 83 81 82 82 83 81 82 82 82 83 81 82 82 82 83 81 82 82 82 82 83 81 82 82 82 82 83 82 82 82 82 82 82 83 82 82 82 82 82 82 82 82 82 82	TRANSITION OR ADAPTOR W SERVES SUPPLY SUPPLY SUPPLY RETURN RETURN RETURN RETURN EXHAUST EXHAUST MOUNTING FRAME TO BE CO D ARCHITECTURAL REFLECT	8         48 x 4           6,8,10         24 x 2           6,8         24 x 2           8         48 x 4           6,8,10         24 x 2	ZE S)MOUNTING-CEILING-CEILING4CEILING4CEILING4CEILING4CEILING4CEILING2CEILING1CEILING2CEILING1CEILING5TYPES.	TYPEMATERSLOTALUMINLOUVEREDALUMINLOUVEREDALUMINSLOTSTEELOUVEREDSTEELOUVEREDSTEELOUVEREDSTEESTO BE MOUNTED.	NC           IUM         25           L         30           L         30	MANUFACTURER/ MODEL SERIES TITUS/ML-37 TITUS/TDCA TITUS/OMNI TITUS/MLR-37 TITUS/PAR	16 1,2 1,2,3,6 1,2										S CONSINCTION





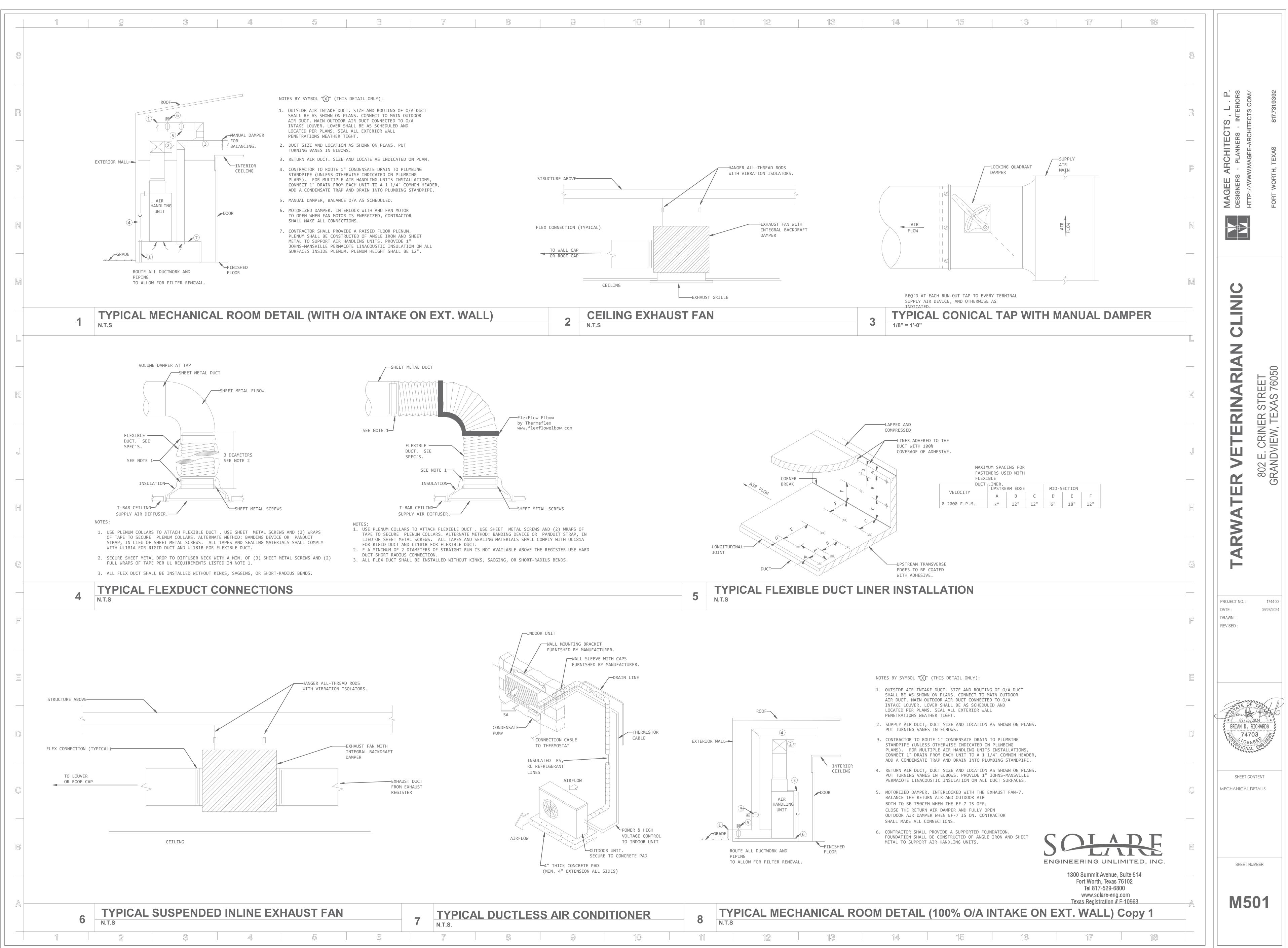
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6	7	8	3	9	1(	11	



6	7	8	9	10	11	

6	7	8	9	10	11	



12		13	14	15	16	17	18
							<u>'</u> <b>~ J</b> '
	CHANI	CAL ROOM	DFTAIL (100	<b>% O/A INTA</b>		÷	
						1300 Summit Avenue, Suite Fort Worth, Texas 7610 Tel 817-529-6800 www.solare-eng.com Texas Registration # F-109	2
R FILTER RE	MOVAL.				ENGIN		TED, INC.
UCTWORK AND	6	– –FINISHED FLOOR	CONTRACTOR SHALL PROVIDE FOUNDATION SHALL BE CONST METAL TO SUPPORT AIR HAND	RUCTED OF ANGLE IRON AND	SHEET SC		RF
AIR HANDLI UNIT	NG		BALANCE THE RETURN AIR AN BOTH TO BE 750CFM WHEN TH CLOSE THE RETURN AIR DAM OUTDOOR AIR DAMPER WHEN SHALL MAKE ALL CONNECTION	HE EF-7 IS OFF; PER AND FULLY OPEN EF-7 IS ON. CONTRACTOR			

	EXIBLE <del>CT<sub>I</sub>LINER.</del>						
VELOCITY	UPSTRE	AM EDGE		MID-SECTION			
VELOCITY	А	В	С	D	E	F	
0-2000 F.P.M.	3"	12"	12"	6"	18"	12"	

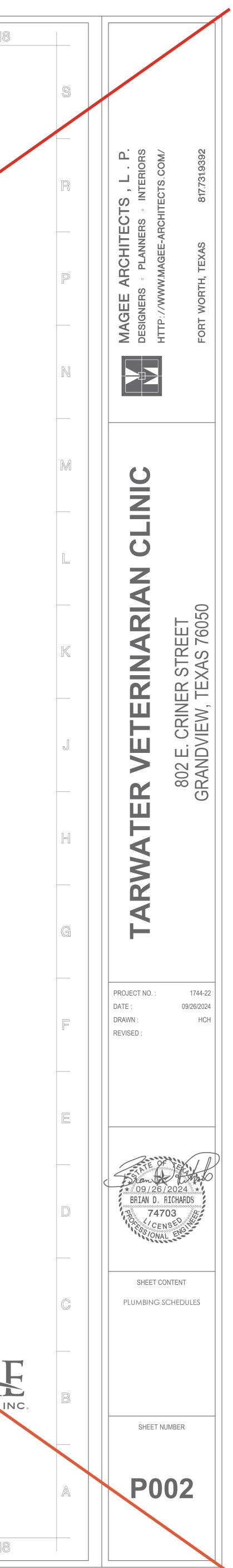
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			PLUMBING SYMBOLS AND ABBREVIATIONS	NOTE: ALL SYMBOLS AND ABBREVIATIONS SHOWN ARE NOT NECESSARILY USED ON THE DRAWINGS	
P		GENERAL NOTES	ABBREVIATIONS	BASIS OF PLUMBING DESIGN	
		1. PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALL PERMITS, INSPECTIONS, LICENSES AND FEES. FURNISH ALL LABOR, EQUIPMENT, SUPPLIES AND MATERIALS NECESSARY TO PROVIDE COMPLETE AND OPERATIONAL SYSTEMS.	AFF     ABOVE FINISHED FLOOR     L     LENGTH       AHU     AIR HANDLING UNIT     LB     POUNDS       APPROX     APPROXIMATE     LRA     LOCKED ROTOR AMPS       BATT     BATTERY     MAX     MAXIMUM	PRIMARY CODES:         PLUMBING:       2015 INTERNATIONAL PLUMBING CODE (WITH CITY AMENDMENTS)         PROJECT DESIGN VALUES:	
		2. THE DRAWINGS AND SPECIFICATIONS INDICATE THE GENERAL DESIGN AND ARRANGEMENT OF PIPES, FIXTURES, EQUIPMENT, SYSTEMS, ETC. INFORMATION SHOWN IS DIAGRAMMATIC IN CHARACTER AND DOES NOT NECESSARILY INDICATE EVERY REQUIRED OFFSET, FITTING, ETC. DO NOT SCALE THE DRAWINGS FOR DIMENSIONS. TAKE ALL DIMENSIONS, MEASUREMENTS,	BD       BUILDING DRAIN (BELOW       MCA       MINIMUM CIRCUIT AMPACITY         FLOOR)       MIN       MINIMUM         B.F.G.       BELOW FINISHED GRADE       MSB       MOP SINK BASIN         BS       BUILDING SEWER (OUTSIDE       N/A       NOT APPLICABLE	SANITARY SEWER AND VENT SYSTEM(s):         TOTAL DRAINAGE FIXTURES UNITS = 61 DFU         DOMESTIC WATER SYSTEM(s):	
		EQUIPMENT LOCATIONS, LEVELS, ETC FROM THE ARCHITECTURAL DRAWINGS AND FROM THE EQUIPMENT TO BE FURNISHED. PIPING MAY BE RELOCATED OR OFFSET FOR PROPER CLEARANCES OR TO AVOID CONFLICTS WITH OTHER TRADES. THE DESIGN INTENT (I.E. PITCHES, VELOCITIES, PRESSURE DROPS, VOLTAGE DROPS, ETC) CANNOT BE GREATLY ALTERED WITHOUT THE APPROVAL OF THE ARCHITECT. THE COST OF THESE DEVIATIONS TO	OF BLDG)       NFPA       NATIONAL FIRE PROTECTION         CU       COPPER, CONDENSING UNIT       ASSOCIATION         CW       DOMESTIC COLD WATER       NFWH       NON-FREEZE WALL HYDRANT         D       EQUIPMENT DRAIN       N/O,N/C       NORMALLY OPEN, NORMALLY CLOSED         (D)       DEMOLISH       O/C       ON CENTER	TOTAL WATER FIXTURE UNITS = 63 FU         PEAK DEMAND = 55 GPM         DOMESTIC HOT WATER SYSTEM(s):         DOMESTIC HOT WATER TEMPERATURE = 140°F	
		<ul> <li>AVOID INTERFERENCE'S SHALL BE PART OF THE ORIGINAL CONTRACT BID.</li> <li>3. EACH SUBCONTRACTOR SHALL CONFER AND COOPERATE WITH ALL OTHER TRADES TO COORDINATE THEIR WORK. COORDINATION SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO</li> </ul>	(D)       DEMOLISH       O/C       ON CLINTER         DCO       TWO-WAY GRADE CLEANOUT       OFD       ROOF OVERFLOW DRAIN         DEG       DEGREES       PCO       PLUG CLEANOUT         DSN       DOWNSPOUT NOZZLE       PH       PHASE         (E)       EXISTING       PROVIDE       FURNISH AND INSTALL	TEMPERED DOMESTIC HOT WATER TEMPERATURE = 105°F CIRCULATED DOMESTIC WATER SYSTEM	
		MATERIALS AND EQUIPMENT ROUTED IN CEILING AND WALL CAVITIES, EQUIPMENT ARRANGEMENT IN MECHANICAL SPACES, INCLUDING EQUIPMENT CLEARANCE REQUIREMENTS, ELEVATIONS AND DIMENSIONS OF STRUCTURAL MEMBERS AND OPENINGS, ETC. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS.	EQUIPEQUIPMENTPSIPOUNDS PER SQUARE INCHEWCELECTRIC WATER COOLERRDROOF DRAIN°FDEGREES FAHRENHEITRE:REFERENCE, REFERFCOFLOOR CLEANOUTRLARUNNING LOAD AMPS		
		4. BASE FINAL INSTALLATION OF MATERIALS AND EQUIPMENT ON ACTUAL DIMENSIONS AND CONDITIONS AT THE PROJECT SITE. FIELD MEASURE FOR MATERIALS AND EQUIPMENT REQUIRING EXACT FIT. NO EXTRAS WILL BE GIVEN FOR THE CONTRACTORS FAILURE TO FIELD COORDINATE.	FCUFAN COIL UNITRMROOMFDFLOOR DRAINRPBFPREDUCED PRESSURE PRINCIPLEFSFLOOR SINKBACKFLOW PREVENTERFT.FOOT, FEETRPZREDUCED PRESSURE ZONE		
		<ol> <li>THE OWNER OR ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THE WORK.</li> </ol>	FVCFIRE VALVE CABINETSSINKGNATURAL GASSDSTORM DRAIN (BELOW FLOOR)GCOGRADE CLEANOUTSTSTORM WATER (ABOVE CEILING)GWHNATURAL GAS WATER HEATERSSDSUBSURFACE DRAINHHEIGHTTHRUTHROUGH		
		6. THE CONTRACTOR SHALL LOCATE ALL EQUIPMENT THAT MUST BE SERVICED, OPERATED, OR MAINTAINED IN FULLY ACCESSIBLE POSITIONS. EQUIPMENT SHALL INCLUDE (BUT NOT LIMITED TO) VALVES, SHOCK ABSORBERS, TRAPS, CLEANOUTS, MOTORS, CONTROLLERS, SWITCHGEAR, AND DRAIN POINTS IF REQUIRED FOR BETTER ACCESSIBILITY. FURNISH ACCESS DOORS FOR	HBHOSE BIBBTPTRAP PRIMERHPHORSEPOWERTYPTYPICALHWDOMESTIC HOT WATERUURINALHWCDOMESTIC HOT WATERULUNDERWRITERS LABORATORIES, INC.		
		THIS PURPOSE. MINOR DEVIATIONS FROM THE DRAWINGS MAY BE ALLOWED TO PROVIDE FOR BETTER ACCESSIBILITY. ANY CHANGES SHALL BE APPROVED BY THE ARCHITECT AND CONSTRUCTION MANAGER/GENERAL CONTRACTOR PRIOR TO MAKING THE CHANGE.	CIRCULATION LOOPVSANITARY VENTHWTMHOT WATER TEMPERATUREVTRSANITARY VENT THRU ROOFMAINTENANCE CABLEWSANITARY WASTE (ABOVE FLOOR)HZHERTZWCWATER CLOSET		
		7. THE CONTRACTOR SHALL PROVIDE ACCESS DOORS, WALL OPENINGS, ROOF OPENINGS OR ANY OTHER CONSTRUCTION REQUIREMENT NEEDED TO ACCOMMODATE THE PLUMBING EQUIPMENT. LOCATIONS OF THESE OPENINGS SHALL BE SUBMITTED IN SUFFICIENT TIME TO BE INSTALLED IN THE NORMAL COURSE OF WORK.	IE     INVERT ELEVATION     WCO     WALL CLEANOUT       IN.     INCH, INCHES     W/     WITH       J-BOX     JUNCTION BOX     W/O     WITHOUT		
		8. THE CONTRACTOR SHALL COORDINATE ELECTRICAL REQUIREMENTS OF PLUMBING EQUIPMENT WITH THE ELECTRICAL CONTRACTOR PRIOR TO THE PURCHASE AND INSTALLATION OF ANY ELECTRICAL GEAR OR CONDUIT.			
		<ol> <li>PROVIDE VIBRATION ISOLATORS FOR MOTOR DRIVEN PLUMBING EQUIPMENT UNLESS NOTED OTHERWISE. PROVIDE ISOLATION AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.</li> <li>10. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL WALL CLEANOUTS, ACCESS DOORS, ETC WITH THE ARCHITECT AND ALL OTHER TRADES PRIOR TO INSTALLATION. IF A</li> </ol>	SYMBOL DESCRIPTION		
		CONFLICT WITH MILLWORK, LIGHT SWITCHES, WINDOWS, ETC EXISTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF THE POTENTIAL INTERFERENCE PRIOR TO INSTALLATION. 11. PLUMBING VENTS THROUGH THE ROOF SHALL BE A MINIMUM OF 10 FEET FROM ALL OUTSIDE	BD       SANITARY SEWER (BELOW FLOOR, BUILDING DRAIN)        BS       SANITARY SEWER (OUTSIDE OF BUILDING, BUILDING SEWER)		
		AIR INTAKES AND A MINIMUM OF 5 FEET FROM EXTERIOR PERIMETER WALLS. 12. SOME PIPES SHOWN ON EACH FLOOR PLAN MAY BE SHOWN WITH AN OFFSET FOR CLARITY. 13. PLUMBING FIXTURES AND TRIM OF LIKE KIND SHALL BE OF THE SAME MANUFACTURER	FM     FORCED MAIN      GW     GREASY WASTE (ABOVE CEILING)      GD     GREASY WASTE (BELOW FLOOR)		
		A. WATER CLOSETS, LAVATORIES, URINALS B. ELECTRIC WATER COOLERS, DRINKING FOUNTAINS	OIL WASTE     EQUIPMENT DRAIN (ABOVE CEILING)		
		C. FAUCETS, MIXING VALVES D. TAIL PIECE, FIXTURE TRAPS, ESCUTCHEONS, ARM EXTENSIONS, STRAINERS E. FIXTURE CARRIERS, FLOOR DRAINS, FLOOR SINKS, ROOF DRAINS, OVERFLOW DRAINS F. COUNTER TOP SINKS			
		14. PROVIDE WATER HAMMER ARRESTERS BETWEEN THE NEXT TO LAST AND LAST FIXTURE AT EACH BATTERY OF PLUMBING FIXTURES IN ACCORDANCE WITH THE WATER HAMMER ARRESTER SCHEDULE AND THE PLUMBING AND DRAINAGE INSTITUTE STANDARD PDI-WH-201.	SUBSURFACE DRAINAGE SANITARY VENT		
		15. ALL SANITARY WASTE PIPING WITHIN THE BUILDING ENVELOPE SHALL HAVE MINIMUM SLOPES AS REQUIRED BY THE LOCAL CODE AUTHORITY. CONTRACTOR SHALL VERIFY INVERT ELEVATIONS INDICATED ON FLOOR PLANS PRIOR TO INSTALLATION OF ANY SITE UTILITIES AND CONNECTION INTO EXISTING SERVICES.	DOMESTIC COLD WATER       DOMESTIC HOT WATER       DOMESTIC HOT WATER CIRCULATION		
		16. COMPLY WITH THE PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE TEXAS ACCESSIBILITY'S STANDARD (TAS). PLUMBING CONTRACTOR SHALL PROVIDE PLUMBING FIXTURES WITH FLUSH VALVE HANDLES LOCATED ON THE WIDE SIDE OF EACH STALL.	Image: NP		
		<ul> <li>17. SEAL ALL PIPE PENETRATIONS THROUGH FIRE RATED BUILDING ELEMENTS WITH AN APPROVED FIRE PROOFING MATERIAL.</li> <li>18. ALL FLOOR DRAIN AND FLOOR SINK TRAPS SHALL BE PRIMED WITH LISTED TRAP PRIMERS.</li> </ul>	SP     STANDPIPE FIRE PROTECTION WATER      WP     AUTOMATIC FIRE SPRINKLER (WET)      PA     AUTOMATIC FIRE SPRINKLER (PRE-ACTION)		
		<ul> <li>PROVIDE SPIGOT ADAPTER ON ALL FLOOR DRAINS. HORIZONTAL TRAP PRIMER PIPING SHALL NOT BE ROUTED WITHIN FLOOR SLAB.</li> <li>19. CONTRACTOR SHALL PROVIDE AND INSTALL A MINIMUM HORIZONTAL LENGTH OF 10' OF 1" THICK PIPING INSULATION ON ALL STORM AND OVERFLOW PIPING WITHIN THE BUILD STARTING</li> </ul>	AUTOMATIC FIRE SPRINKLER (DRY)     FIRE DEPARTMENT CONNECTION		
		<ul> <li>20. CONTRACTOR SHALL PROVIDE AND INSTALL OF 1/2" THICK PIPING INSULATION ON ALL CONDENSATE PIPING WITHIN BUILDING ENVELOPE.</li> </ul>	COMPRESSED AIR DIRECTION OF FLOW DIRECTION OF PIPE SLOPE DOWN		
		22. PLASTIC PIPING IN RETURN AIR PLENUMS: REFER TO MECHANICAL DRAWINGS AND COORDINATE WITH MECHANICAL CONTRACTOR FOR LOCATION OF RETURN AIR PLENUMS. PLASTIC PIPING INSTALLED IN A RETURN AIR PLENUM MUST BE COMPLETELY INSULATED WITH UL LISTED PLENUM WRAP COMPLYING WITH ASTM E 84.THIS APPLIES TO PVC PIPING AND ALL			
		OL LISTED PLENOM WRAP COMPLYING WITH ASTME 84.THIS APPLIES TO PVC PIPING AND ALL OTHER PLASTIC PIPING NOT MEETING ASTM E 84 25/50 FLAME AND SMOKE DEVELOPMENT INDEX. PLENUM WRAP FLAME SPREAD AND SMOKE DEVELOPED INDEX OF THE FOIL ENCAPSULATED BLANKET SHALL BE LESS THAN 25/50 RESPECTIVELY. INSTALL INSULATION IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.	DRAWING/DETAIL REFERENCE         REFER TO		
		WATER HAMMER ARRESTER SCHEDULE			
		P.D.I. SIZE         A         B         C         D         E         F           FIXTURE UNITS         1-11         12-32         33-60         61-113         114-154         155-330	PLUMBING RISER DIAGRAM DESIGNATION		
		NOTES:         1. ALL WHA'S SHALL BE PISTON TYPE WITH EPDM O-RINGS, SIOUX CHIEF'S SERIES 650 OR EQUAL.         2. ALL WHA'S SHALL BE ANSI/ASSE 1010 2004 CERTIFIED AND APPROVED FOR INSTALLATION WITH NO ACCESS PANEL REQUIRED.         3. SIZE AND LOCATE WATER HAMMER ARRESTERS IN ACCORDANCE WITH PDI PAMPHLET PDI-	P3.1 DIAGRAMINO. P3.1 SHEET WHERE SHOWN		
		WH-201.	MISCELLANEOUS         (#)       DRAWING NOTE REFERENCE (I.E., NOTES BY SYMBOL)		
			CONNECTION INTO EXISTING		
					SOLARE
					ENGINEERING UNLIMITED, INC 1300 Summit Avenue, Suite 514
					Fort Worth, Texas 76102 Tel 817-529-6800 www.solare-eng.com Texas Registration # E-10963
					Texas Registration # F-10963
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	PLUMBING FIXTURE	SCHEDULE	DOMESTIC ELECTRIC WATER HEATER SCHEDULE
R	MARK DESCRIPTION R	OUGH IN (MINIMUM)     MANUFACTURER AND MODEL NUMBER       V     CW     HW	ADA /TAS 2. ADJUST STORAGE WATER TEMPERATURE IN ACCORDANCE WITH LOCAL ENERGY CODE REQUIREMENTS.
	WC1       WATERCLOSET, ADA COMPLIANT, FLOOR MOUNT, FLUSHOMETER VALVE, TOP SPUD, ELONGATED, SIPHON ACTION JETTED BOWL, VITREOUS CHINA, WHITE, ASME A112.19.2M, 2" FULLY GLAZED TRAPWAY, 10"       4"         ROUGH-IN, 1.28 GPF       Complete Division of the second plane.       Complete Division of the second plane.       4"	2"         -         -         AMERICAN STANDARD, 3043.001; KOHLER, K-96057; ZURN, Z5665-BWL1; SLOAN, ST-2029.	3. OR EQUAL.         MARK       SERVICE       STORAGE       RECOVERY RATE (80 RISE) (GPH)       LEAVING WATER TEMPERATURE (F)       ELECTRICAL CHARACTERISTICS       MANUFACTURER       MODEL NUMBER       REM
	COUPLING AND FLANGE, OSCILLATING NON-HOLD OPEN HANDLE, CHROME PLATED, 1 1/2" TOP SPUD, SPUD COUPLING AND FLANGE, OSCILLATING NON-HOLD OPEN HANDLE, CHROME PLATED ANGLE STOP WITH STOP CAP, VACUUM BREAKER FLUSH CONNECTION, CAST WALL FLANGE WITH SET SCREW, ANSI/ASME 112.19.6	- 1 1/2" SLOAN, 111-1.28; ZURN, Z6000AV-HET.	WH1       DOMESTIC HOT WATER       ELECTRIC TANK       80       138       140       6       4.5       240       3       60       A.O. SMITH       DRE-80-27       2, 3
P	SEAT, EXTRA NEAVY WEIGHT, POSTURE MOLDED SOLID PLASTIC, ELONGATED, OPEN FRONT, LESS COVER, EXTERNAL CHECK HINGES, STAINLESS STEEL HINGE POSTS, WHITE       -         L1       LAVATORY, 20"X17" OVAL SELF-RIMMING BASIN WITH FAUCET LEDGE, 4" CENTER FAUCET HOLES, 2"	-         -         -         CHURCH 9500C; BEMIS, 1655C; OLSONITE, 95/SS           1 1/2"         -         -         AMERICAN STANDARD, 0476.028; KOHLER, K-2196-4; ZURN, Z5114;	REMARKS LEGEND: 1. PROVIDE AND INSTALL WITH STAINLESS STEEL, RECESSED CABINET ASSEMBLY. 2. PROVIDE AND INSTALL WITH PAINTED, RECESSED CABINET ASSEMBLY. VERIFY WITH ARCHITECTURAL SPECIFICATIONS FOR COLOR.
	LEVER HANDLES, 4" CENTERS, NSI 61 COMPLIANT, ANSI A112.18.1M, 0.5 GPM MAX. FLOW RATE	Image: SLOAN, SS-3002.           -         1/2"         1/2"         -         CHICAGO FAUCETS, 802-VE66XKABCP; T&S BRASS, B-0871-VF05; ZURN, Z81101-XL-27M.	3. PROVIDE AND INSTALL WITH PAINTED, SURFACE MOUNTED CABINET ASSEMBLY. VERIFY WITH ARCHITECTURAL SPECIFICATIONS FOR COLOR. 4. MIXING VALVE SHALL MEET ASSE CERTIFICATION OF SCHEDULED USE. 5. OR EQUAL.
		-       -       -       MCGUIRE, 8902; BRASSCRAFT, 507; OR EQUAL IN T&S BRASS         -       -       -       MCGUIRE, 155WC; OR EQUAL IN T&S BRASS; OR BRASSCRAFT	MARK       SERVICE       FLOWRATE       PRESSURE DROP (PSIG)       INLET HOT WATER TEMPERATURE (F)       INLET COLD WATER TEMPERATURE (F)       LEAVING WATER TEMPERATURE (F)       MANU ACTURER       MODEL NUMBER       REM         TSMV1       TEMPERED HOT WATER       MASTER MIXING VALVE       20       1       15       140       57       110       LEAVING WATER       M-420B-LF-DT       4, 5
$\mathbb{N}$		-         1/2"         1/2"         -         WATTS, LFUSG-B; LEONARD, 170-LF; BRADLEY, S59-4000A; OR EQUAL           1 1/2"         -         -         AMERICAN STANDARD, 0355.012; KOHLER, K-2005; ZURN, Z5364;	
	LEVER HANDLES, 4" CENTERS, NSF 61 COMPLIANT, ANSI A112.18.1M, 0.5 GPM MAX. FLOW RATE	Image: SLOAN, SS-3003.           -         1/2"         1/2"         -         CHICAGO FAUCETS, 802-VE66XKABCP; T&S BRASS, B-0871-VF05; ZURN, Z81101-XL-27M.	REMARKS LEGEND: 1. PROVIDE 7-DAY TIME CLOCK FOR OPERATION OF CIRCULATION PUMP (SET TO OPERATE DURING NORMAL BUSINESS HOURS, ADJUSTABLE). 2. PUMPS SHALL BE RATED FOR CONTINUOUS OPERATION AT WATER TEMPERATURE OF CONNECTED SYSTEM. 3. OR EQUAL.
	P-TRAP, CHROME PLATED CAST BRASS BODY WITH CLEANOUT, SEAMLESS WALLBEND, 17 GA.       -         OFFSET TAILPIECE AND STRAINER, CHROME PLATED CAST BRASS       -	-         -         -         MCGUIRE, LFH2165CCLK; T&S BRASS, B-1305; OR BRASSCRAFT, OCR1912A           -         -         -         -         MCGUIRE, 8902; BRASSCRAFT, 507; OR EQUAL IN T&S BRASS           -         -         -         -         MCGUIRE, 155WC; OR EQUAL IN T&S BRASS; OR BRASSCRAFT	MARK SERVICE INLINE CENTRIFUGAL PUMP 4 25 1750 65 1/6 115 1 60 TACO 0013-3SP 1, 2, 3
	THERMOSTATIC MIXING VALVE, 0.25 GPM MINIMUM FLOW, INTEGRAL INLET CHECK VALVES AND STRAINER, SET TEMPERATURE TO 105°, ASSE 1070.	-         -         -         JOSAM, SERIES 17100; WATTS, CA-411; ZURN, Z1231; OR JR SMITH, 0700           -         1/2"         1/2"         -         WATTS, LFUSG-B; LEONARD, 170-LF; BRADLEY, S59-4000A; OR EQUAL	
	STEEL, FAUCET LEDGE, MINIMUM 1 3/4" VERTICAL AND HORIZONTAL RADIUS BASIN CORNERS, FULLY UNDERCOATED, ANSI A112.19.3M. DRAIN CENTERED IN REAR OF BASIN.	1 1/2" JUST, SL-ADA-1921-A-GR; ELKAY, LRAD221950.	
	FAUCET, DECK MOUNT, CHROME PLATED BRASS, 5 1/4" RIGID / SWING GOOSENECK SPOUT, TWO-HANDLE,       1/4 TURN 2 1/2" LEVER HANDLES, 4" CENTERS, NSF 61 COMPLIANT, ANSI A112.18.1M, 1.0 GPM MAX. FLOW         RATE.       SUPPLY AND STOP, LOOSE KEY, CHROME PLATED BRASS VALVES AND CHROME PLATED COPPER RISERS       -	-       1/2"       1/2"       -       CHICAGO, 895-GN2AE73ABCP; T&S BRASS, B-0874-133X; ZURN, Z812B1-XL-21F.         -       1/2"       1/2"       -       MCGUIRE, LFH2165CCLK; OR EQUAL IN T&S BRASS OR BRASSCRAFT	
	P-TRAP, CHROME PLATED CAST BRASS BODY WITH CLEANOUT, SEAMLESS WALL BEND, 17 GA TAILPIECE AND FORGED STAINLESS STEEL BASKET STRAINER -	-       1/2       -       MCGUIRE, LFH2165CCLK; OR EQUAL IN T&S BRASS OR BRASSCRAFT         -       -       -       MCGUIRE, 8912; OR EQUAL IN T&S BRASS OR BRASSCRAFT         -       -       -       JUST J-ADA-35; OR EQUAL IN MCGUIRE, T&S BRASS OR BRASSCRAFT         1       1/2"       -       -       JUST, SL-ADA-1921-A-GR; ELKAY, LRAD221950.	
	S2       SINK, SINGLE COMPARTMENT, 19"X21"X5", SELF RIMMING, SEAMLESS #18 GAUGE TYPE 304 STAINLESS       2"         STEEL, FAUCET LEDGE, MINIMUM 1 3/4" VERTICAL AND HORIZONTAL RADIUS BASIN CORNERS, FULLY UNDERCOATED, ANSI A112.19.3M. DRAIN CENTERED IN REAR OF BASIN.       2"         FAUCET, DECK MOUNT, CHROME PLATED BRASS, 5 1/4" RIGID / SWING GOOSENECK SPOUT, TWO-HANDLE,       -	- 1/2"	
		-         -         -         GUARDIAN, G1101; OR EQUAL.	
K	P-TRAP, CHROME PLATED CAST BRASS BODY WITH CLEANOUT, SEAMLESS WALL BEND, 17 GA.	-       1/2"       1/2       -       MCGUIRE, LFH2165CCLK, OR EQUAL IN T&S BRASS OR BRASSCRAFT         -       -       -       -       MCGUIRE, 8912; OR EQUAL IN T&S BRASS OR BRASSCRAFT         -       -       -       -       JUST J-ADA-35; OR EQUAL IN MCCUIRE, T&S BRASS OR BRASSCRAFT	
	S3SINK, SINGLE COMPARTMENT, 16"x28"x5 1/2", SELF RIMMING, SEAMLESS #18 GAUGE TYPE 304 STAINLESS STEEL, FAUCET LEDGE, MINIMUM 1 3/4" VERTICAL AND HORIZONTAL RADIUS BASIN CORNERS, FULLY UNDERCOATED, ANSI A112.19.3M. DRAIN CENTERED IN REAR OF BASIN.2"		É.
		-         1/2"         1/2"         -         CHICAGO, 1102-L9E35-369ABCP; T&S BRASS, B-11N2' ZURN, Z871G1-XL-HS-17F.           -         1/2"         1/2         -         MCGUIRE, LFH2165CCLK; OR EQUAL IN T&S BRASS OR BRISSCRAFT	
J	TAILPIECE AND FORGED STAINLESS STEEL BASKET STRAINER         -	MCGUIRE, 8912; OR EQUAL IN T&S BRASS OR BRASSCRAFTJUST J-ADA-35; OR EQUAL IN MCGUIRE, T&S BRASS OR BRASSCRAFT1 1/2"AS SELECTED BY OWNER, INSTALLED BY CONTRACTOR.	
	SUPPLY AND STOP, LOOSE KEY, CHROME PLATED BRASS VALVES AND CHROME PLATED COPPER RISERS -	-       1/2"       1/2"       -       AS SELECTED BY OWNER, INSTALLED BY CONTRACTOR.         -       1/2"       1/2       -       MCGUIRE, LFH2165CCLK; OR EQUAL IN T&S BRASS OR BRASSCRAFT         -       -       -       -       MCGUIRE, 8912; OR EQUAL IN T&S BRASS OR BRASSCRAFT	
	TAILPIECE AND FORGED STAINLESS STEEL BASKET STRAINER       -         DW1       DOG WASH FAUCET AND SPRAY HOSE, 8" WALL MOUNTED MIXING FAUCET WITH VACUUM BREAKER, 9'-0"       -         COILED HOSE WITH WITH ANGLED SPRAY VALVE, 4 GPM MIN. FLOW RATE. ASME A112.18.1, ASSE 1001.       -	-       -       -       JUST J-ADA-35; OR EQUAL IN MCGUIRE, T&S BRASS OR BRASSCRAFT         -       1/2"       1/2"       -       T&S BRASS, PG-8WREV; OR EQUAL.	
		1 1/2"         -         -         MCGUIRE1266A; OR EQUAL IN JOSAM, ZURN OR JR SMITH           -         3/4"         3/4"         -         T&S BRASS, B-7143-U05XS1E; OR EQUAL.	
	INSIDE DEPTH) 6" DROP FRONT, STAINLESS STEEL EDGE CAPS ON ALL SIDES, CAST BRASS DRAIN WITH STAINLESS STEEL STRAINER.	2" FIAT, TSB3000; STERN-WILLIAMS, HL-1810; FLORESTONE, MODE 92.	
	24"x3" STAINLESS STEEL MOP BRACKET WITH THREE RUBBER TOOL GRIPS       -         30" RUBBER HOSE (5/8"), CHROME COUPLING 1 END, 5"x3" STAINLESS STEEL BRACKET W/ RUBBER GRIP       -	-         3/4"         3/4"         -         FIAT, 830-AA; CHICAGO, 540-LD897SGXKCCP; T&S BEASS, B-0665-BSTP.           -         -         -         -         FIAT, 889-CC; OR EQUAL.           -         -         -         -         FIAT, 832-AA; OR EQUAL.	
G		-         -         -         FIAT, 1239-BB; OR EQUAL.           -         -         -         -         FIAT, MSG2424; OR EQUAL.           1 1/2"         -         115V         HALSEY TAYLOR, HAC8BLSS-WF; ELKAY, LZSTL8SC; OASIS, PGF8ACSL.	
	STRAINER, NON-SQUIRT BUBBLER, PUSH BAR ACTIVATION ON FRONT AND SIDES OF WATER COOLER. REFRIGERATION SYSTEM SERVING BOTH BI-LEVELS TO INCLUDE HIGH EFFICIENCY COMPRESSOR, R-134A, FULLY INSULATED STAINLESS STEEL TANK, 8 GPH WITH 50°F SUPPLY TEMPERATURE AND 80°F AMBIENT,		
	115VOLT. ANSI 117.1, NFS/ANSI 61.         HANDICAPPED COMPLIANT APRON, MOLDED STAINLESS STEEL SKIRT KIT FOR INSTALLATION ON THE HIGH UNIT	-     -     -     HALSEY AYLOR, 98324C; ELKAY, LKAPREZL; OASIS, 035174-003.	
F	P-TRAP, PVC, WHITE - FIXTURE CARRIER, STEEL TOP AND BOTTOM PLATES W/ ADJ. HOLES, CHROME PLATED CAP -	-       1/2"       -       -       FEFER TO MANUFACTURER FOR REQUIREMENTS         -       -       -       -       DEARBORN BRASS, A9701BG; KEYSAN MOEM9100; OR EQUAL         -       -       -       JOSAM SERIES 17905; WATTS, CA-431-1; OR EQUAL IN ZURN OR JR SMITH	
	FD1         FLOOR DRAIN, CAST IRON BODY, ANCHOR FLANGE, WEEPHOLES FOR DOUBLE DRAINAGE, 6" SQUARE         -           STAINLESS STEEL FLAT STRAINER. ADJUSTABLE DRAIN HEAD W/ MACHINED INTEGRAL BODY THREADS,         -	-         -         -         JOSAM, 30000-S; WATTS, FD-1100-M6; MIFAB, F1000-S; ZURN, Z415S.	
	ASME A112.21.1 INSTALL TRAP SEAL SYSTEM, ABS PLASTIC FRAME, SILICONE RUBBER FLAPPERS AND FOUR FLEXIBLE SEALING RIBS, UV RESISTANT, ASSE 1072.	JOSAM, 88240; MIFAB, MI-GARD; ZURN, Z1072.	
E	FS1       FLOOR SINK, 8"x8"x6", CI BODY, DBL DRAINAGE FLANGE, STAINLESS STEEL DOME STRAINER, 1/2 GRATE, NON-PUNCTURING FLASHING COLLAR, PORCELAIN ENAMEL OR EPOXY COATED INTERIOR       -         INSTALL TRAP SEAL SYSTEM, ABS PLASTIC FRAME, SILICONE RUBBER FLAPPERS AND FOUR FLEXIBLE       -	-         -         JOSAM, 49300-3; WATTS, FS-710-F-150; MIFAB, FS1520-FL-150; ZURN, Z1910-KC-2-32.           -         -         -         JOSAM, 88240; MIFAB, MI-GARD; ZURN Z1072.	
	SEALING RIBS, UV RESISTANT, ASSE 1072.         TD1         TRENCH DRAIN, 6" WIDE WITH 4 1/2" THROAT, 4" OUTLET, POLYPROPYLENE MODULAD CHANNEL SECTIONS, INTERLOCKING ENDS, RADIUS BOTTOM, 0.75% BUILT-IN SLOPE, BOTTOM OUTLET ACID RESISTANT	-     -     -     WATTS, DEAD LEVEL D-DI-ADA; OR EQUAL.	
	COATED FRAME, HEAL PROOF DUCTILE IRON GRATE, VANDAL PROOF SECURED GRATE.         WCO       WALL CLEANOUT, CI BODY, RECESSED, THREADED BRASS PLUG, STAINLESS STEEL ACCESS COVER	-         -         JOSAM, 58600-PLG; MIFAB, C1460-RD; ZURN, Z1441; WATTS, CO-460-RD.           REFER DETAIL 12/P401.         REFER DETAIL 12/P401.	
	GCO       GRADE CLEANOUT, HEAVY DUTY COATED CAST IRON ACCESS BODY WITH ANCHOR FLANGES, HEAVY DUTY DUCTILE IRON ACCESS COVER WITH VANDAL RESISTANT STATLESS STEEL SCREWS       -         DCO       2-WAY GRADE CLEANOUT, TWO-RISER CLEANOUT BODY WITH HEAVY DUTY COATED CAST IRON ACCESS       -         DCO       2-WAY GRADE CLEANOUT, TWO-RISER CLEANOUT BODY WITH HEAVY DUTY COATED CAST IRON ACCESS       -	-         -         JOSAM, 58680-5-26-VP; MIFAB, C1300-MF-6; ZURN, Z-1474-SG-VP; WATTS, CO-300-MF. REFER DETAIL 10/P401.           -         -         -         JOSAM, 58680-5-26-VP; MIFAB, C1300-MF-6; ZURN, Z-1474-SG-VP; WATTS, CO-300-MF. REFER DETAIL 10/P401.	
		WATTS, CO-300-MF. REFER DETAIL 11/P401.       -     -       JOSAM; MIFAB; ZURN	
	BREAKER, LOOSE KEY HANDLE, 3/4" MALE HOSE THREAD NOZZLE           IMB1         REFRIGERATOR ICE MAKER COMPECTION BOX, 8"X8" RECESSED STAINLESS STEEL ENCLOSURE	-         3/4"         -         WOODFORD, 67; JOSAM, 71050; ZURN, Z1321; WATTS, HY-420.           -         1/2"         -         GUY GREY MODEL SSIB1; OR EQUAL	
	NOTES:         1.       CONTRACTOR SHALL FURNISH AND INSTALL SUPPLIES, STOPS, TRAPS, TAILPIECES AND ALL APPURTENANCES NECES	SSARY FOR A COMPLETE INSTALLATION OF ALL FIXTURES.	
	<ol> <li>ALL ADA ACCESSIBLE SINKS AND LAVATORIES SHALL BE EQUIPPED WITH TRUEBRO #103 UNDER SINK PROTECTIVE PL</li> <li>COMPLY WITH THE PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE TEXAS ACCESSIBILITY'S SHANDLES LOCATED ON THE WIDE SIDE OF EACH STALL OR ROOM.</li> </ol>	IPE COVERS WHERE NOT CONCEALED BY MILLWORK. STANDARD (TAS). PLUMBING CONTRACTOR SHALL PROVIDE PLUMBING FIXTURES WITH FLUSH VALVE	
	<ol> <li>FLOOP CLEANOUT ACCESS COVERS IN ALL FINISHED AREAS SHALL BE OF THE RECESSED TYPE TO ALLOW FOR INSE</li> <li>ABOVE THE FLOOR P-TRAPS ON LAVATORIES AND SINKS SHALL BE 17 GAUGE, CHROME PLATED BRASS. ACCEPTABL</li> <li>CONTRACTOR SHALL VERIFY FIXTURE SUPPLIES AND APPURTENANCES FOR EACH FIXTURE PRIOR TO BIDDING AND F</li> <li>ALL FLOOR MOUNTED WATER CLOSETS SHALL HAVE 10" ROUGH-IN UNLESS OTHERWISE NOTED.</li> </ol>	E MANUFACTURERS: MCGUIRE, T&S BRASS, OR BRASSCRAFT. PURCHASING.	
R	<ol> <li>CONTRACTOR SHALL VERIFY PLUMBING FIXTURES PROVIDED COMPLY WITH HANDICAPPED ACCESSIBILITY STANDAR</li> <li>ALL WATER CLOSET AND URINAL FLUSH VALVES SHALL INCLUDE CHROME PLATED CAST WALL FLANGE WITH SETSCH</li> </ol>		SC
			1300 Fo

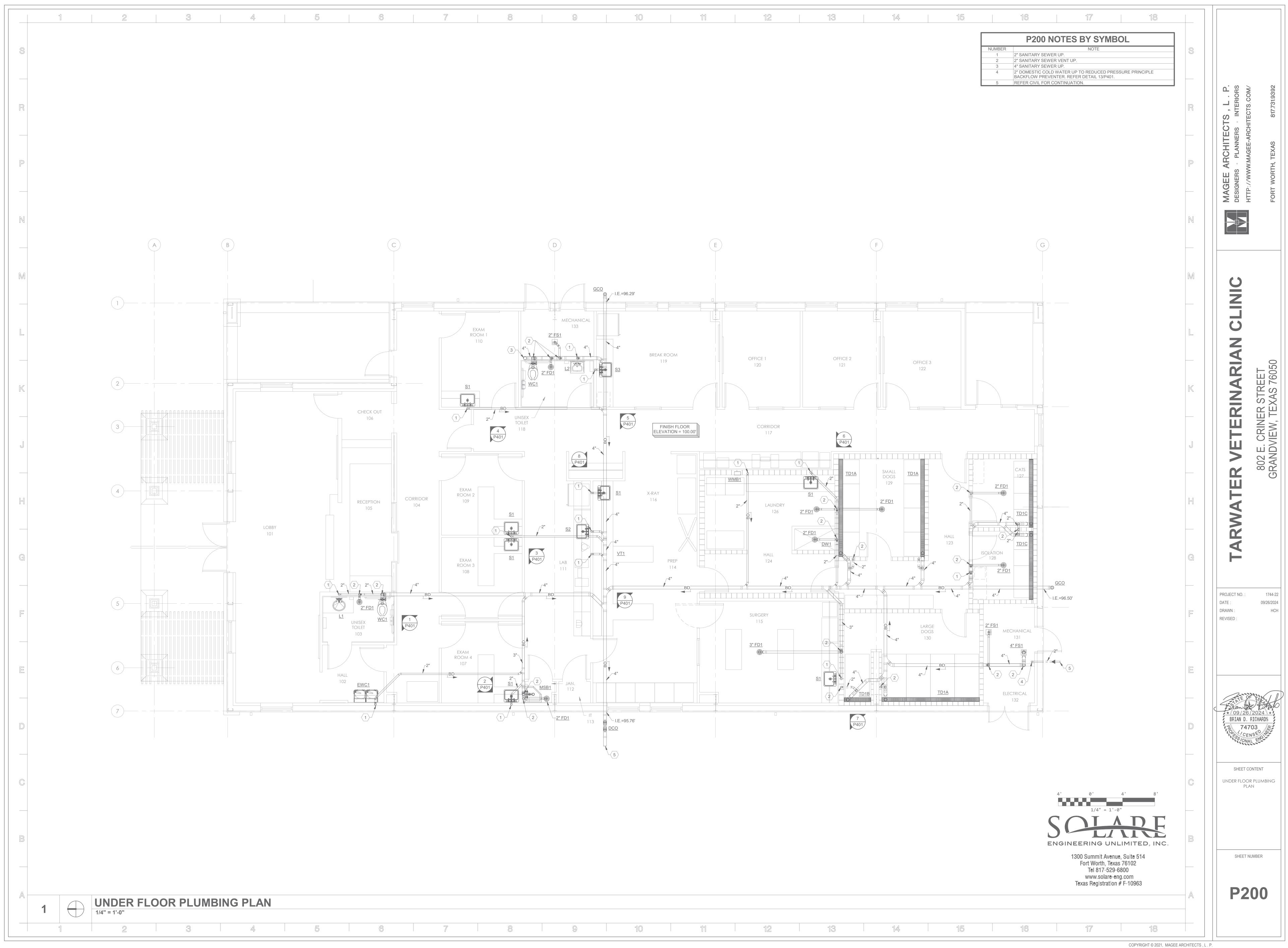
US OPERATION.
I LOCAL ENERGY CODE REQUIREMENTS.         STORAGE       RECOVERY RATE       LEAVING WATER       ELECTRICAL CHARACTERISTICS         DACITY (CAL)       KONDED AT UPE (5)       If ELECTRICAL CHARACTERISTICS
IPACITY (GAL)       (80 RISE) (GPH)       TEMPERATURE (F)       # ELEMENTS       KW       VOLTS       PHASE       HZ       MANUFACTURER       MODEL NUMBER       REMARKS         80       138       140       6       4.5       240       3       60       A.O. SMITH       DRE-80-27       2, 3         THERMOSTATIC MIXING VALVE SCHEDULE
NET ASSEMBLY. EMBLY. VERIFY WITH ARCHITECTURAL SPECIFICATIONS FOR COLOR.
NET ASSEMBLY. VERIFY WITH ARCHITECTURAL SPECIFICATIONS FOR COLOR. D USE.
FLOWRATE CAPACITY HIGH (GPM)PRESSURE DROP (PSIG)INLET HOT WATER TEMPERATURE (F)INLET COLD WATER TEMPERATURE (F)LEAVING WATER TEMPERATURE (F)MANULACTURER MANULACTURERMODEL NUMBER 
PUMP SCHEDULE
PUMP (SET TO OPERATE DURING NORMAL BUSINESS HOURS, ADJUSTABLE). ER TEMPERATURE OF CONNECTED SYSTEM.
FLOWRATE (GPM)TOTAL DYNAMIC HEAD (FEET)SPEED (RPM)EFFIC. 
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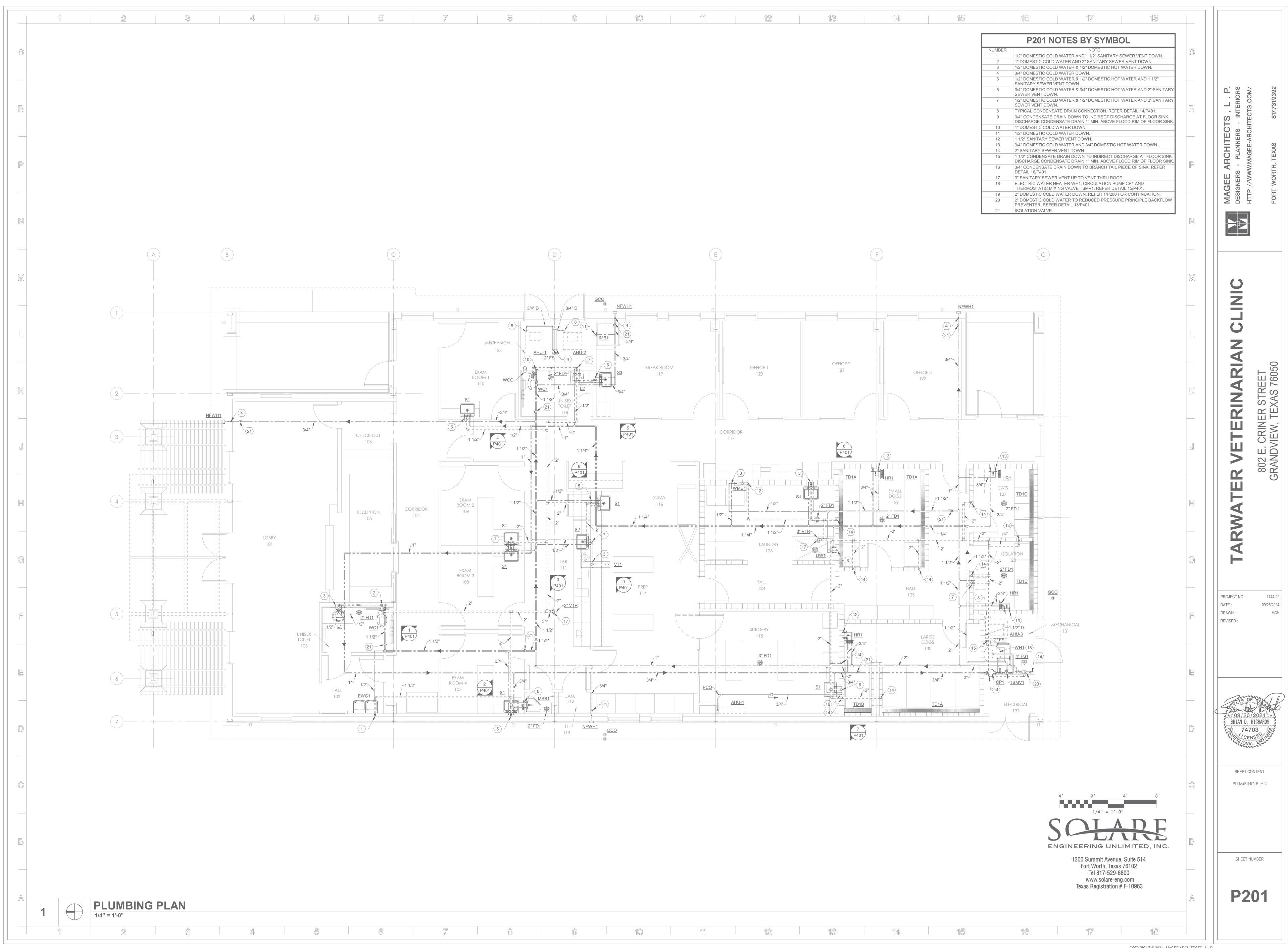
PLUMBING FIXTURE SCHED		DOMESTIC ELECTRIC WATER HEATER SCHEDULE
MARK     DESCRIPTION       W     V       CW     HW		ADA /TAS 2. ADJUST STORAGE WATER TEMPERATURE IN ACCORDANCE WITH LOCAL ENERGY CODE REQUIREMENTS.
WC1       WATERCLOSET, ADA COMPLIANT, FLOOR MOUNT, FLUSHOMETER VALVE, TOP SPUD, ELONGATED, SIPHON ACTION JETTED BOWL, VITREOUS CHINA, WHITE, ASME A112.19.2M, 2" FULLY GLAZED TRAPWAY, 10"       4"       2"       -         ROUGH-IN, 1.28 GPF       -       -       -       -       -	- AMERICAN STANDARD, 3043.001; KOHLER, K-96057; ZURN, Z5665-BWL1; SLOAN, ST-2029.	3. OR EQUAL. MARK SERVICE TYPE CAPACITY (GAL) STORAGE (80 RISE) (GPH) RECOVERY RATE LEAVING WATER ELECTRICAL CHARACTERISTICS TEMPERATURE (F) # ELEMENTS KW VOLTS PHASE HZ MANUFACTURER MODEL NUMBER
FLUSHOMETER VALVE, 1.28 GPF, EXPOSED DIAPHRAGM-TYPE, CHROME PLATED, 1 1/2" TOP SPUD, SPUD       -       -       1 1/2" -         COUPLING AND FLANGE, OSCILLATING NON-HOLD OPEN HANDLE, CHROME PLATED ANGLE STOP WITH       STOP CAP, VACUUM BREAKER FLUSH CONNECTION, CAST WALL FLANGE WITH SET SCREW, ANSI/ASME       -       -       1 1/2" -         112.19.6       -       -       -       -       -       1 1/2" -	- SLOAN, 111-1.28; ZURN, Z6000AV-HET.	WH1       DOMESTIC HOT WATER       ELECTRIC TANK       80       138       140       6       4.5       208/1       3       60       A.O. SMITH       DRE-80-27         THERMOSTATIC MIXING VALVE SCHEDULE
SEAT, EXTRA HEAVY WEIGHT, POSTURE MOLDED SOLID PLASTIC, ELONGATED, OPEN FRONT, LESS COVER, EXTERNAL CHECK HINGES, STAINLESS STEEL HINGE POSTS, WHITE       - <t< td=""><td>-         CHURCH 9500C; BEMIS, 1655C; OLSONITE, 95/SS           -         AMERICAN STANDARD, 0476.028; KOHLER, K-2196-4; ZURN, Z5114;</td><td>REMARKS LEGEND: 1. PROVIDE AND INSTALL WITH STAINLESS STEEL, RECESSED CABINET ASSEMBLY. 2. PROVIDE AND INSTALL WITH PAINTED, RECESSED CABINET ASSEMBLY. VERIFY WITH ARCHITECTURAL SPECIFICATIONS FOR COLOR. 3. PROVIDE AND INSTALL WITH PAINTED, SURFACE MOUNTED CABINET ASSEMBLY. VERIFY WITH ARCHITECTURAL SPECIFICATIONS FOR COLOR.</td></t<>	-         CHURCH 9500C; BEMIS, 1655C; OLSONITE, 95/SS           -         AMERICAN STANDARD, 0476.028; KOHLER, K-2196-4; ZURN, Z5114;	REMARKS LEGEND: 1. PROVIDE AND INSTALL WITH STAINLESS STEEL, RECESSED CABINET ASSEMBLY. 2. PROVIDE AND INSTALL WITH PAINTED, RECESSED CABINET ASSEMBLY. VERIFY WITH ARCHITECTURAL SPECIFICATIONS FOR COLOR. 3. PROVIDE AND INSTALL WITH PAINTED, SURFACE MOUNTED CABINET ASSEMBLY. VERIFY WITH ARCHITECTURAL SPECIFICATIONS FOR COLOR.
VITREOUS CHINA, FRONT OVERFLOW, ANSI A112.19.2.       FAUCET, DECK MOUNT, CHROME PLATED BRASS, 4" INTEGRAL SPOUT, TWO-HANDLE, 1/4 TURN, 2 1/2"       -       1/2"         FAUCET, DECK MOUNT, CHROME PLATED BRASS, 4" INTEGRAL SPOUT, TWO-HANDLE, 1/4 TURN, 2 1/2"       -       -       1/2"         LEVER HANDLES, 4" CENTERS, NSF 61 COMPLIANT, ANSI A112.18.1M, 0.5 GPM MAX. FLOW RATE       -       1/2"       1/2"	ZURN, Z81101-XL-27M.	3. PROVIDE AND INSTALL WITH PAINTED, SURFACE MOUNTED CABINET ASSEMBLY. VERIFY WITH ARCHITECTURAL SPECIFICATIONS FOR COLOR.     4. MIXING VALVE SHALL MEET ASSE CERTIFICATION OF SCHEDULED USE.     5. OR EQUAL.     FLOWRATE CAPACITY PRESSURE DROP INLET HOT WATER INLET COLD WATER LEAVING WATER
SUPPLY AND STOPS, LOOSE KEY, CHROME PLATED BRASS VALVES AND CHROME PLATED COPPER RISERS       -	<ul> <li>MCGUIRE, LFH2165CCLK; T&amp;S BRASS, B-1305; OR BRASSCRAFT, OCR1912A</li> <li>MCGUIRE, 8902; BRASSCRAFT, 507; OR EQUAL IN T&amp;S BRASS</li> <li>MCGUIRE, 155WC; OR EQUAL IN T&amp;S BRASS; OR BRASSCRAFT</li> <li>WATTS, LFUSG-B; LEONARD, 170-LF; BRADLEY, S59-4000A; OR EQUAL</li> </ul>	MARK       SERVICE       TYPE       HIGH (GPM)       LOW (GPM)       (PSIG)       TEMPERATURE (F)       TEMPERATURE (F)       MANUFACTURE (F)
L2       L2 <td< td=""><td>- AMERICAN STANDARD, 0355.012; KOHLER, K-2005; ZURN, Z5364; SLOAN, SS-3003.</td><td>PUMP SCHEDULE</td></td<>	- AMERICAN STANDARD, 0355.012; KOHLER, K-2005; ZURN, Z5364; SLOAN, SS-3003.	PUMP SCHEDULE
FAUCET, DECK MOUNT, CHROME PLATED BRASS, 4" INTEGRAL SPOUT, TWO-HANDLE, 1/4 TURN, 2 1/2"       -       -       1/2"       1/2"         LEVER HANDLES, 4" CENTERS, NSF 61 COMPLIANT, ANSI A112.18.1M, 0.5 GPM MAX. FLOW RATE       SUPPLY AND STOPS, LOOSE KEY, CHROME PLATED BRASS VALVES AND CHROME PLATED COPPER RISERS       -	<ul> <li>CHICAGO FAUCETS, 802-VE66XKABCP; T&amp;S BRASS, B-0871-VF05; ZURN, Z81101-XL-27M.</li> <li>MCGUIRE, LFH2165CCLK; T&amp;S BRASS, B-1305; OR BRASSCRAFT, OCR1912A</li> </ul>	1. PROVIDE 7-DAY TIME CLOCK FOR OPERATION OF CIRCULATION PUMP (SET TO OPERATE DURING NORMAL BUSINESS HOURS, ADJUSTABLE). 2. PUMPS SHALL BE RATED FOR CONTINUOUS OPERATION AT WATER TEMPERATURE OF CONNECTED SYSTEM. 3. OR EQUAL.
P-TRAP, CHROME PLATED CAST BRASS BODY WITH CLEANOUT, SEAMLESS WALL BEND, 17 GA.       - <td< td=""><td><ul> <li>MCGUIRE, 8902; BRASSCRAFT, 507; OR EQUAL IN T&amp;S BRASS</li> <li>MCGUIRE, 155WC; OR EQUAL IN T&amp;S BRASS; OR BRASSCRAFT</li> <li>JOSAM, SERIES 17100; WATTS, CA-411; ZURN, Z1231; OR JR SMITH, 0700</li> </ul></td><td>MARK       SERVICE       FLOWRATE       FLOWRATE       TOTAL DYNAMIC (GPM)       SPEED (HEAD (FEET)       EFFIC. (%)       ELECTRICAL CHARACTERISTICS       MANUFACTURER       MODEL NUMBER         CP1       DOMESTIC HOT WATER CIRCULATION       INLINE CENTRIFUGAL PUMP       4       25       1750       65       1/6       115       1       60       TACO       0013-3SP</td></td<>	<ul> <li>MCGUIRE, 8902; BRASSCRAFT, 507; OR EQUAL IN T&amp;S BRASS</li> <li>MCGUIRE, 155WC; OR EQUAL IN T&amp;S BRASS; OR BRASSCRAFT</li> <li>JOSAM, SERIES 17100; WATTS, CA-411; ZURN, Z1231; OR JR SMITH, 0700</li> </ul>	MARK       SERVICE       FLOWRATE       FLOWRATE       TOTAL DYNAMIC (GPM)       SPEED (HEAD (FEET)       EFFIC. (%)       ELECTRICAL CHARACTERISTICS       MANUFACTURER       MODEL NUMBER         CP1       DOMESTIC HOT WATER CIRCULATION       INLINE CENTRIFUGAL PUMP       4       25       1750       65       1/6       115       1       60       TACO       0013-3SP
THERMOSTATIC MIXING VALVE, 0.25 GPM MINIMUM FLOW, INTEGRAL INLET CHECK VALVES AND STRAINER, SET TEMPERATURE TO 105°, ASSE 1070.       -       1/2"       1/2"       1/2"         S1       SINK, SINGLE COMPARTMENT, 19"x21"x5", SELF RIMMING, SEAMLESS #18 GAUGE TYPE 304 STAINLESS       2"       1 1/2"       -       -	<ul> <li>WATTS, LFUSG-B; LEONARD, 170-LF; BRADLEY, S59-4000A; OR EQUAL</li> <li>JUST, SL-ADA-1921-A-GR; ELKAY, LRAD221950.</li> </ul>	
STEEL, FAUCET LEDGE, MINIMUM 1 3/4" VERTICAL AND HORIZONTAL RADIUS BASIN CORNERS, FULLY       UNDERCOATED, ANSI A112.19.3M. DRAIN CENTERED IN REAR OF BASIN.         FAUCET, DECK MOUNT, CHROME PLATED BRASS, 5 1/4" RIGID / SWING GOOSENECK SPOUT, TWO-HANDLE,       -       -       1/2"       1/2"		
1/4 TURN 2 1/2" LEVER HANDLES, 4" CENTERS, NSF 61 COMPLIANT, ANSI A112.18.1M, 1.0 GPM MAX. FLOW       Image: Complex c	<ul> <li>ZURN, Z812B1-XL-21F.</li> <li>MCGUIRE, LFH2165CCLK; OR EQUAL IN T&amp;S BRASS OR BRASSCRAFT</li> <li>MCGUIRE, 8912; OR EQUAL IN T&amp;S BRASS OR BRASSCRAFT</li> </ul>	
TAILPIECE AND FORGED STAINLESS STEEL BASKET STRAINER       -	-       JUST J-ADA-35; OR EQUAL IN MCGUIRE, T&S BRASS OR BRASSCRAFT         -       JUST, SL-ADA-1921-A-GR; ELKAY, LRAD221950.	
UNDERCOATED, ANSI A112.19.3M. DRAIN CENTERED IN REAR OF BASIN.           FAUCET, DECK MOUNT, CHROME PLATED BRASS, 5 1/4" RIGID / SWING GOOSENECK SPOUT, TWO-HANDLE,         -         1/2"         1/2"           1/4 TURN 2 1/2" LEVER HANDLES, 4" CENTERS, NSF 61 COMPLIANT, ANSI A112.18.1M, 1.0 GPM MAX. FLOW         -         1/2"         1/2"	- CHICAGO, 895-GN2AE73ABCP; T&S BRASS, B-0874-133X; ZURN, Z812B1-XL-21F.	
RATE.       FAUCET MOUNTED EYEWASH.       -       -       -       -       -       -       -       -       -       -       -       -       1/2"	-       GUARDIAN, G1101; OR EQUAL.         -       MCGUIRE, LFH2165CCLK; OR EQUAL IN T&S BRASS OR BRASSCRAFT	
	<ul> <li>MCGUIRE, 8912; OR EQUAL IN T&amp;S BRASS OR BRASSCRAFT</li> <li>JUST J-ADA-35; OR EQUAL IN MCGUIRE, T&amp;S BRASS OR BRASSCRAFT</li> <li>ELKAY, LRAD312255; OR EQUAL.</li> </ul>	
STEEL, FAUCET LEDGE, MINIMUM 1 3/4" VERTICAL AND HORIZONTAL RADIUS BASIN CORNERS, FULLY       UNDERCOATED, ANSI A112.19.3M. DRAIN CENTERED IN REAR OF BASIN.         FAUCET, DECK MOUNT, 8" SWING SPOUT, CHROME PLATED BRASS, 8" CENTERS, WITH SIDE HAND SPRAY,       -       -       1/2"       1/2"         TWO-1/4 TURN 2 1/2" LEVER HANDLES, NSF 61 COMPLIANT, ANSI A112.18.1M, 1.5 GPM MAX. FLOW RATE.       -       1/2"       1/2"	- CHICAGO, 1102-L9E35-369ABCP; T&S BRASS, B-1172; ZURN, Z871G1-XL-HS-17F.	
SUPPLY AND STOP, LOOSE KEY, CHROME PLATED BRASS VALVES AND CHROME PLATED COPPER RISERS       -       1/2"       1/2"       1/2"         P-TRAP, CHROME PLATED CAST BRASS BODY WITH CLEANOUT, SEAMLESS WALL BEND, 17 GA.       - <td>COURE, LFH2165CCLK; OR EQUAL IN T&amp;S BRASS OR BRASSCRAFT     MCGUIRE, 8912; OR EQUAL IN T&amp;S BRASS OR BRASSCRAFT     JUST J-ADA-35; OR EQUAL IN MCGUIRE, T&amp;S BRASS OR BRASSCRAFT</td> <td></td>	COURE, LFH2165CCLK; OR EQUAL IN T&S BRASS OR BRASSCRAFT     MCGUIRE, 8912; OR EQUAL IN T&S BRASS OR BRASSCRAFT     JUST J-ADA-35; OR EQUAL IN MCGUIRE, T&S BRASS OR BRASSCRAFT	
VT1       VETERINARIAN TABLE. AS SELECTED BY OWNER, INSTALLED BY CONTRACTOR.       2"       1 1/2"       -         FAUCET, COMPONENT OF TABLE, AS SELECTED BY OWNER, INSTALLED BY CONTRACTOR.       -       1/2"       1/2"	<ul> <li>AS SELECTED BY OWNER, INSTALLED BY CONTRACTOR.</li> <li>AS SELECTED BY OWNER, INSTALLED BY CONTRACTOR.</li> </ul>	
P-TRAP, CHROME PLATED CAST BRASS BODY WITH CLEANOUT, SEAMLESS WALL BEND, 17 GA.       - <td< td=""><td><ul> <li>MCGUIRE, LFH2165CCLK; OR EQUAL IN T&amp;S BRASS OR BRASSCRAFT</li> <li>MCGUIRE, 8912; OR EQUAL IN T&amp;S BRASS OR BRASSCRAFT</li> <li>JUST J-ADA-35; OR EQUAL IN MCGUIRE, T&amp;S BRASS OR BRASSCRAFT</li> </ul></td><td></td></td<>	<ul> <li>MCGUIRE, LFH2165CCLK; OR EQUAL IN T&amp;S BRASS OR BRASSCRAFT</li> <li>MCGUIRE, 8912; OR EQUAL IN T&amp;S BRASS OR BRASSCRAFT</li> <li>JUST J-ADA-35; OR EQUAL IN MCGUIRE, T&amp;S BRASS OR BRASSCRAFT</li> </ul>	
DW1       DOG WASH FAUCET AND SPRAY HOSE, 8" WALL MOUNTED MIXING FAUCET WITH VACUUM BREAKER, 9'-0"       -       1/2"       1/2"         COILED HOSE WITH WITH ANGLED SPRAY VALVE, 4 GPM MIN. FLOW RATE. ASME A112.18.1, ASSE 1001.       -       -       1/2"       1/2"         SHOWER STALL STRAINER, HEAVY CAST BRASS BODY, STAINLESS STEEL GRID       2"       1 1/2"       -       -         HB1       COMPLETE HOSE BEEL SYSTEM. 8" WALL MOUNTED MIXING FAUCET. CONTINUOUS VACUUM BREAKER.       -       -       3/4"       3/4"	- MCGUIRE1266A; OR EQUAL IN JOSAM, ZURN OR JR SMITH	
HR1       COMPLETE HOSE REEL SYSTEM, 8" WALL MOUNTED MIXING FAUCET, CONTINUOUS VACUUM BREAKER, 50'-0" HEAVY-DUTY HOSE. ASSE 1056.       -       -       3/4"       3/4"         MSB1       MOP SINK BASIN, ONE PIECE PRECAST TERRAZZO 24"x24"x12" (1 1/4" WALL THICKNESS WITH MINIMUM 9.75"       3"       2"       -       -       -       -       -       -       -       -       -       3/4"       3/4"       3/4"         MSB1       MOP SINK BASIN, ONE PIECE PRECAST TERRAZZO 24"x24"x12" (1 1/4" WALL THICKNESS WITH MINIMUM 9.75"       3"       2"       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       3/4"       3/4"       3/4"       3/4"       3/4"       -       -       -       -       3/4" </td <td><ul> <li>FIAT, TSB3000; STERN-WILLIAMS, HL-1810; FLORESTONE, MODEL 92.</li> </ul></td> <td></td>	<ul> <li>FIAT, TSB3000; STERN-WILLIAMS, HL-1810; FLORESTONE, MODEL 92.</li> </ul>	
STAINLESS STEEL STRAINER.       FAUCET, EXPOSED YOKE, WALL MOUNTED UTILITY FAUCET, VACUUM BREAKER, 6"THREADED SPOUT       -       -       3/4"         24"x3" STAINLESS STEEL MOP BRACKET WITH THREE RUBBER TOOL GRIPS       -       -       -       -       -	<ul> <li>FIAT, 830-AA; CHICAGO, 540-LD897SGXKCCP; T&amp;S BRASS, B-0665-BSTP.</li> <li>FIAT, 889-CC; OR EQUAL.</li> </ul>	
30" RUBBER HOSE (5/8"), CHROME COUPLING 1 END, 5"x3" STAINLESS STEEL BRACKET W/ RUBBER GRIP       - <td><ul> <li>FIAT, 832-AA; OR EQUAL.</li> <li>FIAT, 1239-BB; OR EQUAL.</li> <li>FIAT, MSG2424; OR EQUAL.</li> </ul></td> <td></td>	<ul> <li>FIAT, 832-AA; OR EQUAL.</li> <li>FIAT, 1239-BB; OR EQUAL.</li> <li>FIAT, MSG2424; OR EQUAL.</li> </ul>	
EWC1TWO STATION WATER COOLER, INDOOR BI-LEVEL WALL MOUNTED, FILTERED, SELF CONTAINED ELECTRIC REFRIGERATION, STAINLESS STEEL BASIN AND CABINET WITH ANTI-SPLASH RIDGE, INTEGRAL DRAIN STRAINER, NON-SQUIRT BUBBLER, PUSH BAR ACTIVATION ON FRONT AND SIDES OF WATER COOLER. REFRIGERATION SYSTEM SERVING BOTH BI-LEVELS TO INCLUDE HIGH EFFICIENCY COMPRESSOR, R-134A, FULLY INSULATED STAINLESS STEEL TANK, 8 GPH WITH 50°F SUPPLY TEMPERATURE AND 80°F AMBIENT, 115VOLT. ANSI 117.1, NFS/ANSI 61	115V HALSEY TAYLOR, HAC8BLSS-WF; ELKAY, LZSTL8SC; OASIS, PGF8ACSL.	
HANDICAPPED COMPLIANT APRON, MOLDED STAINLESS STEEL SKIRT KIT FOR INSTALLATION ON THE HIGH       -       1/2"       -       -       1/2"       -       -       -       1/2"       -       -       -       1/2"       -       -       -       1/2"       -       -       -       1/2"       - <td>HALSEY TAYLOR, 98324C; ELKAY, LKAPREZL; OASIS, 035174-003.     REFER TO MANUFACTURER FOR REQUIREMENTS</td> <td></td>	HALSEY TAYLOR, 98324C; ELKAY, LKAPREZL; OASIS, 035174-003.     REFER TO MANUFACTURER FOR REQUIREMENTS	
P-TRAP, PVC, WHITE FIXTURE CARRIER, STEEL TOP AND BOTTOM PLATES W/ ADJ. HOLES, CHROME PLATED CAP NUTS/WASHERS FD1 FLOOD DDAWN GAST (DON'NOR DOD'N AND YOR FLATING IN FERRICIPAL FOR DON IN FERRICIPAL OF GROUND FERRI	DEARBORN BRASS, A9701BG; KEYSAN MOEM9100; OR EQUAL     JOSAM SERIES 17905; WATTS, CA-431-1; OR EQUAL IN ZURN OR JR SMITH	
FD1       FLOOR DRAIN, CAST IRON BODY, ANCHOR FLANGE, WEEPHOLES FOR DOUBLE DRAINAGE, 6" SQUARE       -		
INSTALL TRAP SEAL SYSTEM, ABS PLASTIC FRAME, SILICONE RUBBER FLAPPERS AND FOUR FLEXIBLE       -	<ul> <li>JOSAM, 88240; MIFAB, MI-GARD; ZURN, Z1072.</li> <li>JOSAM, 49300-3; WATTS, FS-710-F-150; MIFAB, FS1520-FL-150; ZURN, Z1910-KC-2-32.</li> </ul>	
INSTALL TRAP SEAL SYSTEM, ABS PLASTIC FRAME, SILICONE RUBBER FLAPPERS AND FOUR FLEXIBLE SEALING RIBS, UV RESISTANT, ASSE 1072.	- JOSAM, 88240; MIFAB, MI-GARD; ZURN Z1072.	
TD1       TRENCH DRAIN, 6" WIDE WITH 4 1/2" THROAT, 4" OUTLET, POLYPROPYLENE MODULAR CHANNEL SECTIONS, INTERLOCKING ENDS, RADIUS BOTTOM, 0.75% BUILT-IN SLOPE, BOTTOM OUTLET, ACID RESISTANT COATED FRAME, HEAL PROOF DUCTILE IRON GRATE, VANDAL PROOF SECURED GRATE.       -	<ul> <li>WATTS, DEAD LEVEL D-DI-ADA; OR EQUAL.</li> <li>JOSAM, 58600-PLG; MIFAB, C1460-RD; ZURN, Z1441; WATTS, CO-460-RD.</li> </ul>	
GCO       GRADE CLEANOUT, HEAVY DUTY COATED CAST IRON ACCESS BODY WITH ANCHOR FLANGES, HEAVY DUTY       -	Bit State         State	
DCO       2-WAY GRADE CLEANOUT, TWO-RISER CLEANOUT BODY WITH HEAVY DUTY COATED CAST IRON ACCESS       -	- JOSAM, 58680-5-26-VP; MIFAB, C1300-MF-6; ZURN, Z-1474-SG-VP; WATTS, CO-300-MF. REFER DETAIL 11/P401.	
PCO         PLUG CLEANOUT, SPIGOT CONNECTION, RAISED HEAD THREADED BRASS PLUG         - <th< td=""><td>-       JOSAM; MIFAB; ZURN         -       WOODFORD, 67; JOSAM, 71050; ZURN, Z1321; WATTS, HY-420.</td><td></td></th<>	-       JOSAM; MIFAB; ZURN         -       WOODFORD, 67; JOSAM, 71050; ZURN, Z1321; WATTS, HY-420.	
IMB1       REFRIGERATOR ICE MAKER CONNECTION BOX, 8"X8" RECESSED STAINLESS STEEL ENCLOSURE       -       1/2"       -         NOTES:       NOTES:       -       -       -       1/2"       -	- GUY GREY MODEL SSIB1; OR EQUAL	
<ol> <li>CONTRACTOR SHALL FURNISH AND INSTALL SUPPLIES, STOPS, TRAPS, TAILPIECES AND ALL APPURTENANCES NECESSARY FOR A COL</li> <li>ALL ADA ACCESSIBLE SINKS AND LAVATORIES SHALL BE EQUIPPED WITH TRUEBRO #103 UNDER SINK PROTECTIVE PIPE COVERS WHE</li> <li>COMPLY WITH THE PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE TEXAS ACCESSIBILITY'S STANDARD (TAS). HANDLES LOCATED ON THE WIDE SIDE OF EACH STALL OR ROOM.</li> <li>FLOOR CLEANOUT ACCESS COVERS IN ALL FINISHED AREAS SHALL BE OF THE RECESSED TYPE TO ALLOW FOR INSERTION OF FINISH 5. ABOVE THE FLOOR P-TRAPS ON LAVATORIES AND SINKS SHALL BE 17 GAUGE, CHROME PLATED BRASS, ACCEPTABLE MANUFACTURE</li> </ol>	ERE NOT CONCEALED BY MILLWORK. PLUMBING CONTRACTOR SHALL PROVIDE PLUMBING FIXTURES WITH FLUSH VALVE NED FLOOR TREATMENT. TILE OR CARPET MARKER AS NECESSARY.	
<ol> <li>CONTRACTOR SHALL VERIFY FIXTURE SUPPLIES AND APPURTENANCES FOR EACH FIXTURE PRIOR TO BIDDING AND PURCHASING.</li> <li>ALL FLOOR MOUNTED WATER CLOSETS SHALL HAVE 10" ROUGH-IN UNLESS OTHERWISE NOTED.</li> <li>CONTRACTOR SHALL VERIFY PLUMBING FIXTURES PROVIDED COMPLY WITH HANDICAPPED ACCESSIBILITY STANDARDS INCLUDING HI</li> <li>ALL WATER CLOSET AND URINAL FLUSH VALVES SHALL INCLUDE CHROME PLATED CAST WALL FLANGE WITH SETSCREW AND COVER</li> </ol>	EIGHT AND CLEARANCE REQUIREMENTS.	
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6	7	8	9	10	11	12	13	14	15		16	17	18
											P200 N	IOTES BY SYME	OL
										NUMBER		NOTE	
										1	2" SANITARY SEWE		
										2	2" SANITARY SEWE	ER VENT UP.	
										3	4" SANITARY SEWE	ER UP.	
										4	2" DOMESTIC COLD BACKFLOW PREVE	O WATER UP TO REDUCED PRE ENTER. REFER DETAIL 13/P401.	SSURE PRINCIPLE
										5	REFER CIVIL FOR C	CONTINUATION.	

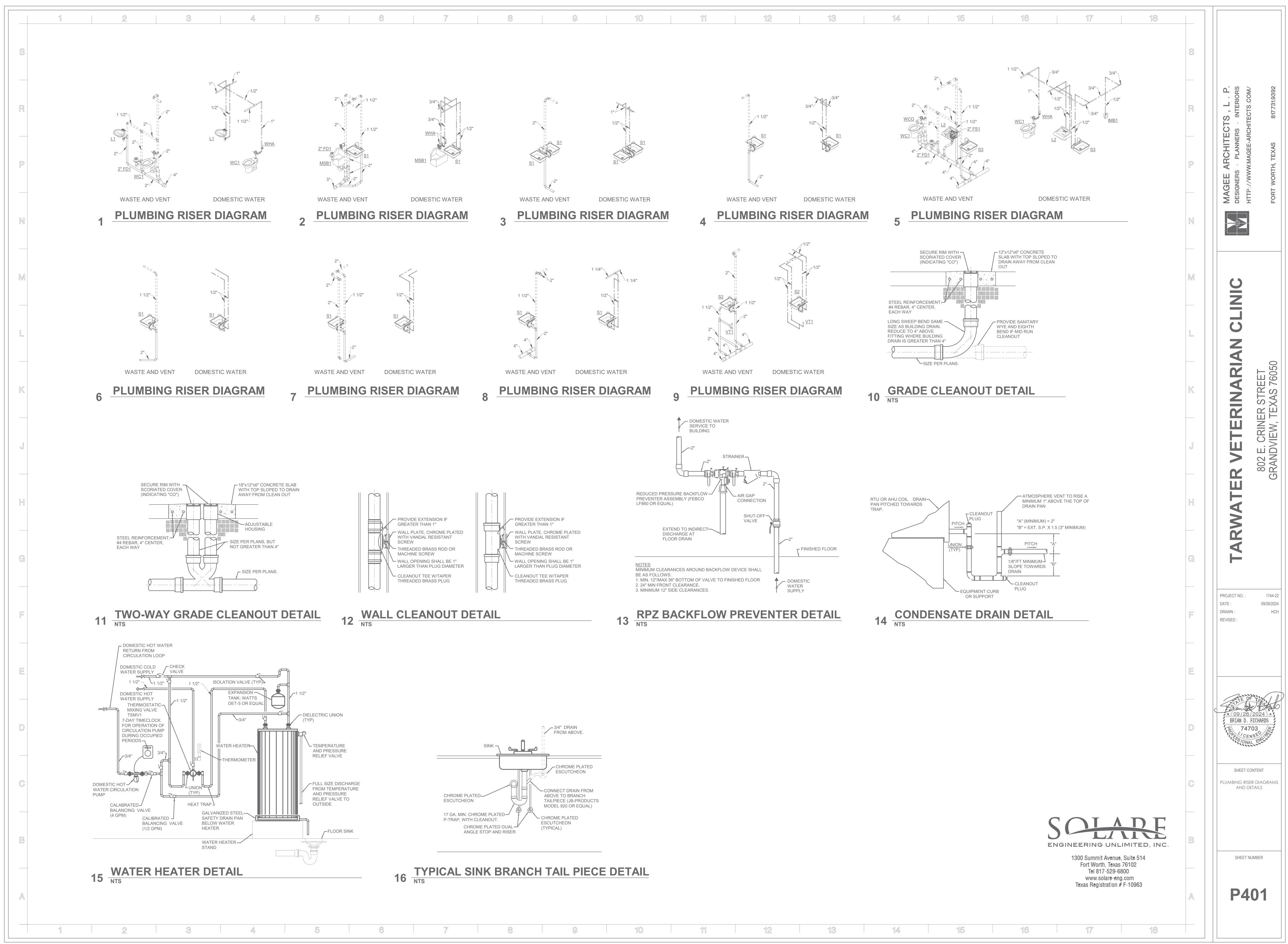
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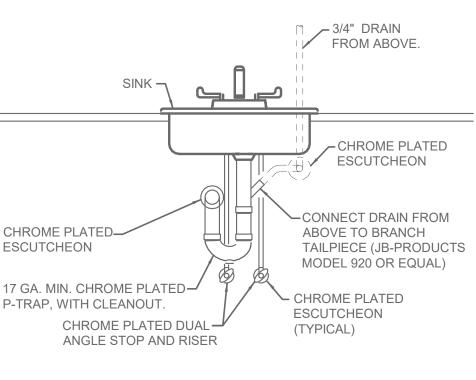
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										P2	01 NOTES BY SYME	BOL
										NUMBER	NOTE	
										1 1/2" DOMES	TIC COLD WATER AND 1 1/2" SANITAR	Y SEWER VENT DOWN.
										2 1" DOMEST	IC COLD WATER AND 2" SANITARY SEV	VER VENT DOWN.
										3 1/2" DOMES	TIC COLD WATER & 1/2" DOMESTIC HC	DT WATER DOWN.
										4 3/4" DOMES	TIC COLD WATER DOWN.	
											TIC COLD WATER & 1/2" DOMESTIC HC SEWER VENT DOWN.	DT WATER AND 1 1/2"
										6 3/4" DOMES SEWER VE	TIC COLD WATER & 3/4" DOMESTIC HC	DT WATER AND 2" SANIT
										7 1/2" DOMES SEWER VE	TIC COLD WATER & 1/2" DOMESTIC HC	DT WATER AND 2" SANIT
										8 TYPICAL CO	ONDENSATE DRAIN CONNECTION. REF	ER DETAIL 14/P401.
											NSATE DRAIN DOWN TO INDIRECT DIS E CONDENSATE DRAIN 1" MIN. ABOVE	
										10 1" DOMEST	IC COLD WATER DOWN.	
										11 1/2" DOMES	TIC COLD WATER DOWN.	
										12 1 1/2" SANI	FARY SEWER VENT DOWN.	
										13 3/4" DOMES	TIC COLD WATER AND 3/4" DOMESTIC	HOT WATER DOWN.
										14 2" SANITAR	Y SEWER VENT DOWN.	
											DENSATE DRAIN DOWN TO INDIRECT D E CONDENSATE DRAIN 1" MIN. ABOVE	
										16 3/4" CONDE DETAIL 16/I	NSATE DRAIN DOWN TO BRANCH TAIL 2401.	PIECE OF SINK. REFER
										17 3" SANITAR	Y SEWER VENT UP TO VENT THRU RO	OF.
											NATER HEATER WH1, CIRCULATION PU ATIC MIXING VALVE TSMV1. REFER DE	
										19 2" DOMEST	IC COLD WATER DOWN. REFER 1/P200	FOR CONTINUATION.
											IC COLD WATER TO REDUCED PRESSU R. REFER DETAIL 13/P401.	JRE PRINCIPLE BACKFL

6	7	8	9	10	11	12	13	14	15	16	17	18

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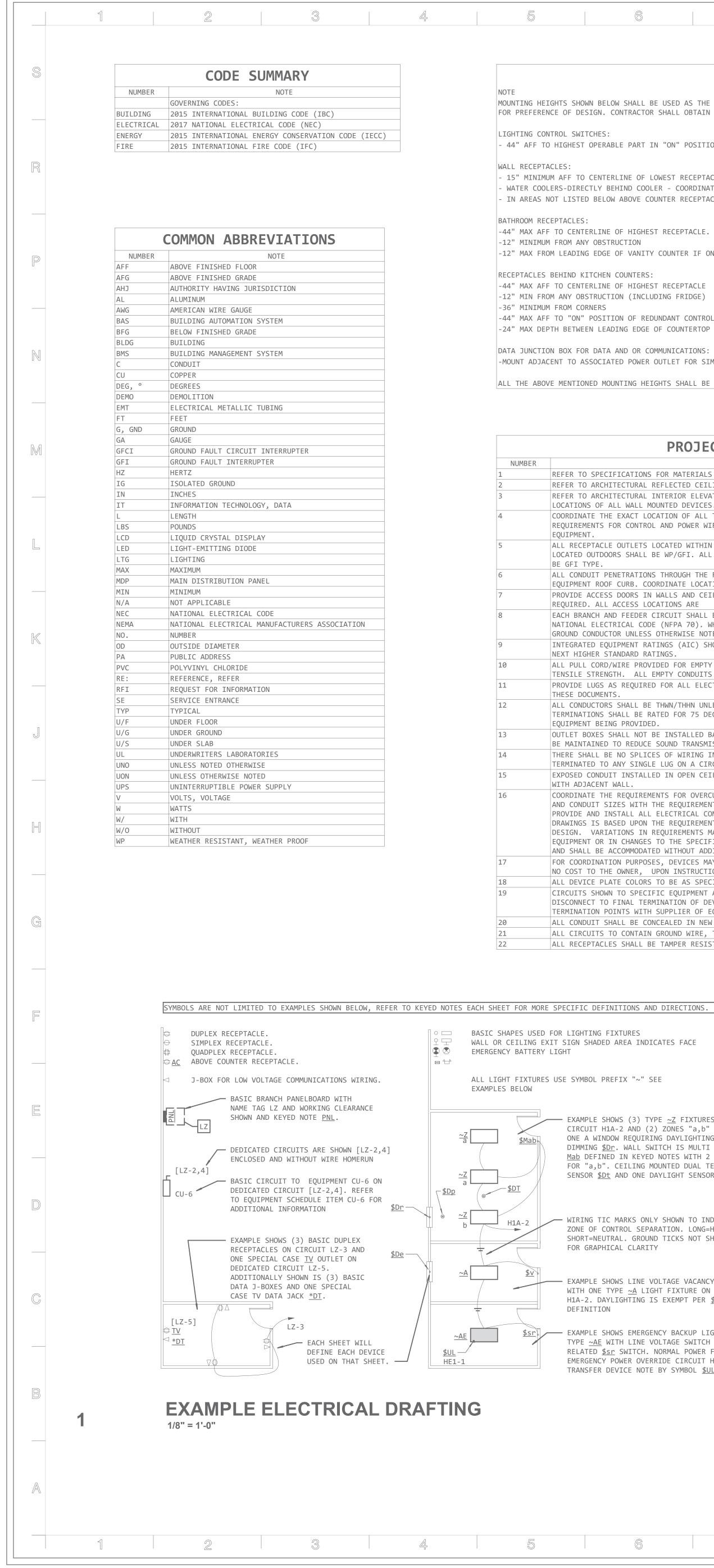
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## MOUNTING HEIGHTS

MOUNTING HEIGHTS SHOWN BELOW SHALL BE USED AS THE DEFAULT MOUNTING HEIGHT FOR THE ITEMS LISTED UNLESS STATED OTHERWISE IN PLAN. ARCHITECT/OWNER MAY REVISE ANY MOUNTING HEIGHT NECESSARY FOR PREFERENCE OF DESIGN. CONTRACTOR SHALL OBTAIN AND REVIEW ALL ELEVATIONS PROVIDED BY ARCHITECT/OWNER TO VERIFY LOCATIONS PREFERRED BY OWNER OR ARCHITECT.

- 44" AFF TO HIGHEST OPERABLE PART IN "ON" POSITION.

- 15" MINIMUM AFF TO CENTERLINE OF LOWEST RECEPTACLE OR 18" AFF TO CENTERLINE OF BOX. · WATER COOLERS-DIRECTLY BEHIND COOLER - COORDINATE ELEVATION WITH THE COOLER TO BE INSTALLED PRIOR TO ROUGH-IN IN AREAS NOT LISTED BELOW ABOVE COUNTER RECEPTACLES SHALL BE 6" ABOVE COUNTER

-44" MAX AFF TO CENTERLINE OF HIGHEST RECEPTACLE.

-12" MAX FROM LEADING EDGE OF VANITY COUNTER IF ON SIDE WALL.

-44" MAX AFF TO "ON" POSITION OF REDUNDANT CONTROLS FOR RANGE HOOD (TYPE A UNITS / ACCESSIBLE UNITS / COMMON AREA KITCHENS) -24" MAX DEPTH BETWEEN LEADING EDGE OF COUNTERTOP AND RECEPTACLES/SWITCHES LOCATED ON KITCHEN BACKSPLASH WALL (TYPE A UNITS / ACCESSIBLE UNITS / COMMON AREA KITCHENS)

-MOUNT ADJACENT TO ASSOCIATED POWER OUTLET FOR SIMILAR DEVICES OR USE. IN THE EVENT IT IS NOT CLEAR VERIFY WITH ARCHITECTURAL ELEVATIONS OR CONFIRM WITH DESIGNER.

ALL THE ABOVE MENTIONED MOUNTING HEIGHTS SHALL BE COORDINATED WITH ARCHITECTURAL ELEVATIONS AND DETAILS.

### **PROJECT GENERAL NOTES** NOTE REFER TO SPECIFICATIONS FOR MATERIALS AND METHODS OF ELECTRICAL CONSTRUCTION. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT LOCATION OF ALL CEILING MOUNTED DEVICES. REFER TO ARCHITECTURAL INTERIOR ELEVATION DRAWINGS, WHERE THE ARCHITECT HAS DRAWN SUCH ELEVATIONS, FOR THE LOCATIONS OF ALL WALL MOUNTED DEVICES. COORDINATE THE EXACT LOCATION OF ALL THERMOSTATS, STARTERS, DISCONNECTS, ETC. AND COORDINATE ALL REQUIREMENTS FOR CONTROL AND POWER WIRING WITH THE MECHANICAL CONTRACTOR OR THE TRADE PROVIDING THE ALL RECEPTACLE OUTLETS LOCATED WITHIN 6'-0"" OF A WET BAR OR SINK SHALL BE GFI TYPE. ALL RECEPTACLE OUTLETS LOCATED OUTDOORS SHALL BE WP/GFI. ALL RECEPTACLES SERVING VENDING MACHINES AND ELECTRIC WATER COOLERS SHALL ALL CONDUIT PENETRATIONS THROUGH THE ROOF TO SERVE MECHANICAL EQUIPMENT SHALL BE WITHIN THE ASSOCIATED EQUIPMENT ROOF CURB. COORDINATE LOCATIONS OF PENETRATIONS WITH THE MECHANICAL CONTRACTOR. PROVIDE ACCESS DOORS IN WALLS AND CEILINGS WHERE ACCESS TO CONCEALED ELECTRICAL BOXES AND DEVICES IS REQUIRED. ALL ACCESS LOCATIONS ARE EACH BRANCH AND FEEDER CIRCUIT SHALL BE PROVIDED WITH A GROUND CONDUCTOR SIZED PER ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE (NFPA 70). WHERE A CONDUIT CONTAINS MULTIPLE BRANCH CIRCUITS, PROVIDE A SINGLE GROUND CONDUCTOR UNLESS OTHERWISE NOTED. INTEGRATED EQUIPMENT RATINGS (AIC) SHOWN ARE MINIMUMS. CONTRACTOR SHALL PROVIDE MANUFACTURER'S EQUAL OR NEXT HIGHER STANDARD RATINGS. ALL PULL CORD/WIRE PROVIDED FOR EMPTY RACEWAY/CONDUIT SYSTEMS SHALL HAVE A MINIMUM STRENGTH OF 200 LBS TENSILE STRENGTH. ALL EMPTY CONDUITS SHALL HAVE A PULL CORD. PROVIDE LUGS AS REQUIRED FOR ALL ELECTRICAL EQUIPMENT TO ACCEPT THE SIZE AND NUMBER OF CONDUCTORS SHOWN IN ALL CONDUCTORS SHALL BE THWN/THHN UNLESS OTHERWISE INDICATED. CONDUCTORS SHALL BE RATED FOR 75 DEGREES C. TERMINATIONS SHALL BE RATED FOR 75 DEGREES C. DEVIATIONS SHALL COMPLY WITH NEC ARTICLE 110 FOR EXACT EOUIPMENT BEING PROVIDED. OUTLET BOXES SHALL NOT BE INSTALLED BACK TO BACK IN WALLS. A MINIMUM OF 6" SEPARATION BETWEEN BOXES SHALL BE MAINTAINED TO REDUCE SOUND TRANSMISSION. THERE SHALL BE NO SPLICES OF WIRING INSIDE PANELBOARDS OR DISCONNECT SWITCHES. ONLY ONE WIRE SHALL BE TERMINATED TO ANY SINGLE LUG ON A CIRCUIT BREAKER. EXPOSED CONDUIT INSTALLED IN OPEN CEILING AREAS SHALL BE MOUNTED TIGHT TO STRUCTURE AND ROUTE IN PARALLEL COORDINATE THE REQUIREMENTS FOR OVERCURRENT PROTECTIVE DEVICE SIZE, DISCONNECT SWITCH SIZE, AND CONDUCTOR AND CONDUIT SIZES WITH THE REQUIREMENTS OF THE MECHANICAL EQUIPMENT THAT IS ACTUALLY TO BE INSTALLED, AND PROVIDE AND INSTALL ALL ELECTRICAL COMPONENTS AS REQUIRED. THE ELECTRICAL COMPONENT SIZING SHOWN ON THESE DRAWINGS IS BASED UPON THE REQUIREMENTS FOR THE SPECIFIED MECHANICAL EQUIPMENT AVAILABLE AT THE TIME OF DESIGN. VARIATIONS IN REQUIREMENTS MAY OCCUR AS A RESULT OF THE PROVISION OF OTHER MANUFACTURER'S EQUIPMENT OR IN CHANGES TO THE SPECIFIED EQUIPMENT. SUCH REVISED REQUIREMENTS ARE A PART OF THIS CONTRACT AND SHALL BE ACCOMMODATED WITHOUT ADDITIONAL CHARGE. FOR COORDINATION PURPOSES, DEVICES MAY BE MOVED A MAXIMUM DISTANCE OF FIVE FEET, PRIOR TO INSTALLATION, AT NO COST TO THE OWNER, UPON INSTRUCTION BY THE ARCHITECT OR ENGINEER ALL DEVICE PLATE COLORS TO BE AS SPECIFIED BY ARCHITECT. CIRCUITS SHOWN TO SPECIFIC EQUIPMENT ARE SHOWN TO DISCONNECT. CONTRACTOR SHALL EXTEND CIRCUIT FROM DISCONNECT TO FINAL TERMINATION OF DEVICE PROVIDED BY OTHERS AND MAKE UNIT OPERATIONAL. COORDINATE EXACT TERMINATION POINTS WITH SUPPLIER OF EQUIPMENT. ALL CONDUIT SHALL BE CONCEALED IN NEW BUILDING CONSTRUCTION WHERE POSSIBLE. ALL CIRCUITS TO CONTAIN GROUND WIRE, TIC MARKS FOR WIRING DO NOT SHOW GROUND WIRE FOR GRAPHICAL CLARITY. ALL RECEPTACLES SHALL BE TAMPER RESISTANT PER NEC 406.12

---- EXAMPLE SHOWS (3) TYPE <u>~Z</u> FIXTURES ON CIRCUIT H1A-2 AND (2) ZONES "a,b" WITH ONE A WINDOW REQUIRING DAYLIGHTING DIMMING <u>\$Dr</u>. WALL SWITCH IS MULTI ZONE <u>Mab</u> DEFINED IN KEYED NOTES WITH 2 ZONES FOR "a,b". CEILING MOUNTED DUAL TECH SENSOR <u>\$Dt</u> AND ONE DAYLIGHT SENSOR <u>\$Dp</u>.

- WIRING TIC MARKS ONLY SHOWN TO INDICATE ZONE OF CONTROL SEPARATION. LONG=HOT, SHORT=NEUTRAL. GROUND TICKS NOT SHOWN FOR GRAPHICAL CLARITY

---- EXAMPLE SHOWS LINE VOLTAGE VACANCY SENSOR \$v WITH ONE TYPE ~A LIGHT FIXTURE ON CIRCUIT H1A-2. DAYLIGHTING IS EXEMPT PER <u>\$De</u> SYMBOL

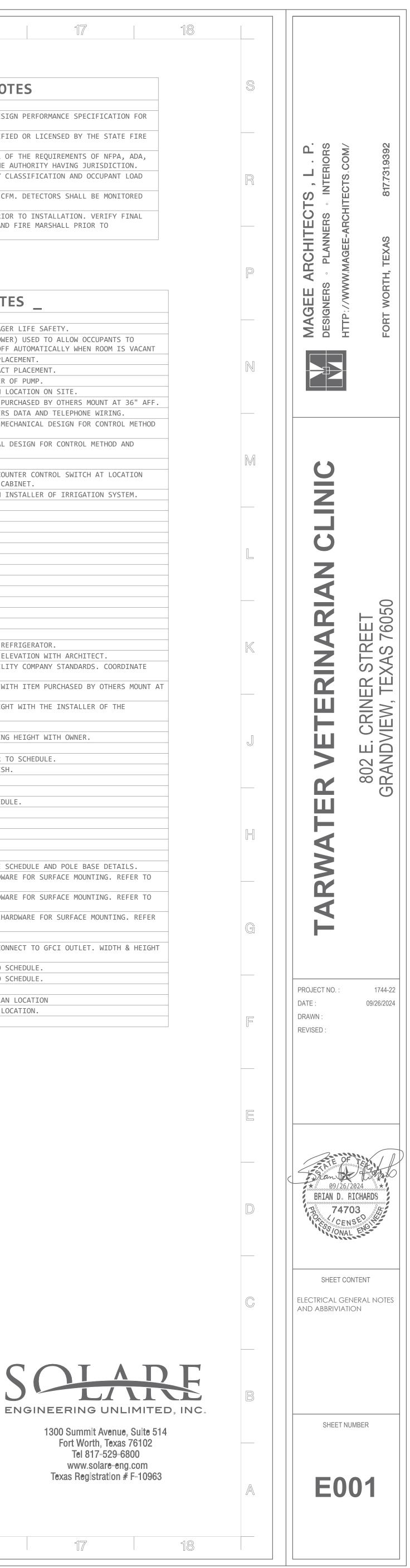
- EXAMPLE SHOWS EMERGENCY BACKUP LIGHTING FIXTURE TYPE <u>~AE</u> WITH LINE VOLTAGE SWITCH SAFETY RELATED <u>\$sr</u> SWITCH. NORMAL POWER FROM H1A-2 EMERGENCY POWER OVERRIDE CIRCUIT HE1-1 VIA UL TRANSFER DEVICE NOTE BY SYMBOL <u>\$UL</u>

6	7	8	9	10	11

	FIRE ALARM DESIGN GENERAL NOTES
NUMBER	NOTE
1	DRAWINGS DO NOT SHOW EXACT PLACEMENT OF DEVICES. THIS IS A DELEGATED DESIGN PERFORMANCE SPECIFICATION FOR THE FIRE ALARM SYSTEM.
2	THE CONTRACTOR SHALL EMPLOY A FIRE ALARM PLANNING SUPERINTENDENT, CERTIFIED OR LICENSED BY THE STATE FIRE MARSHAL'S OFFICE, TO DESIGN AND INSTALL A COMPLETE FIRE ALARM SYSTEM.
3	THE LICENSED FIRE ALARM DESIGNER SHALL ENSURE THAT HIS DESIGN MEETS ALL OF THE REQUIREMENTS OF NFPA, ADA NEC, TAS AND ALL LOCAL CODES AND AMENDMENTS, AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
4	CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS TO DETERMINE OCCUPANCY CLASSIFICATION AND OCCUPANT LOAD OF THE BUILDING.
5	PROVIDE SMOKE DUCT DETECTORS FOR EACH AIR HANDLING UNIT EXCEEDING 2000 CFM. DETECTORS SHALL BE MONITORED BY MAIN FIRE ALARM PANEL PER LOCAL FIRE MARSHALL REQUIREMENTS.
6	VERIFY FINAL LOCATION OF FIRE ALARM CONTROL PANEL WITH FIRE MARSHALL PRIOR TO INSTALLATION. VERIFY FINAL LOCATION OF FIRE ALARM ANNUNCIATOR AND/OR VOICE EVAC PANEL WITH OWNER AND FIRE MARSHALL PRIOR TO INSTALLATION.

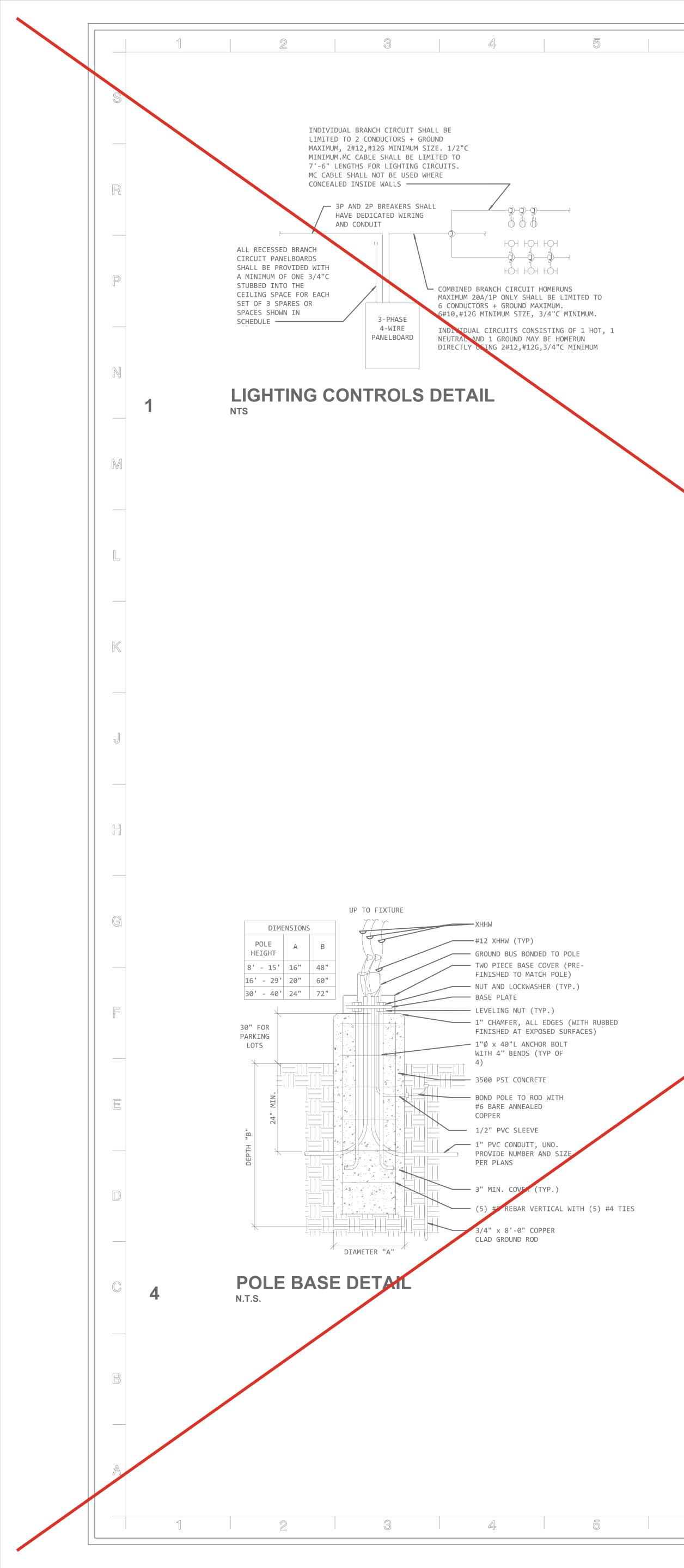
# PROJECT UNDERLINED KEYED NOTES \_\_\_\_\_

KEY	Description
\$sr	LINE VOLTAGE TOGGLE SWITCH FOR LOCATIONS WHERE AUTOMATIC OFF WOULD ENGAGER LIFE SAFETY.
\$v	DIGITAL LOW VOLTAGE BUTTON PROGRAMMED TO VACANCY SENSOR(ON/OFF,RAISE/LOWER) USED TO ALLOW OCCUPANTS TO MANUALLY TURN LIGHTS ON WHEN THEY ENTER THE ROOM AND HAVE LIGHTS TURN OFF AUTOMATICALLY WHEN ROOM IS VACANT
AC	ABOVE COUNTER RECEPTACLE, REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT.
AG	GFI ABOVE COUNTER RECEPTACLE, REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT.
CIR	MOTOR RATED SWITCH FOR CIRCULATION PUMP. CONFIRM LOCATION WITH INSTALLER OF PUMP.
DIS	800/3/NF/NEMA 3R MAIN SERVICE DISCONNECT. COORDINATE EXACT INSTALLATION LOCATION ON SITE.
DRY	OUTLET FOR CLOTHES DRYER COORDINATE EXACT NEMA CONFIGURATION WITH ITEM PURCHASED BY OTHERS MOUNT AT 36" AFF.
DT	4" SQUARE JBOX WITH 3/4"C TO ACCESSIBLE LOCATION ABOVE CEILING FOR OWNERS DATA AND TELEPHONE WIRING.
EF	MOTORIZED SWITCH WITH OCCUPANCY SENSOR/TIMER FOR EXHAUST FAN. REFER TO MECHANICAL DESIGN FOR CONTROL METHOD
EF-1	AND SETTINGS. MOTORIZED SWITCH FOR EXHAUST FAN IN LARGE DOGS AREA. REFER TO MECHANICAL DESIGN FOR CONTROL METHOD AND
- D 7	SETTINGS.
FRZ	GFI RECEPTACLE FOR FREEZER. COORDINATE LOCATION WITH OWNER.
GD	SIMPLEX GFI RECEPTACLE BELOW SINK FOR GARBAGE DISPOSAL. PROVIDE ABOVE COUNTER CONTROL SWITCH AT LOCATION INDICATED BY ARCHITECT ELEVATIONS. OUTLET TO BE ACCESSABLE FROM INSIDE CABINET.
IRR	GFI OUTLET FOR IRRIGATION CONTROLLER. COORDINATE MOUNTING LOCATION WITH INSTALLER OF IRRIGATION SYSTEM.
M#AUH-1	30/2/NF/NEMA 3R DISCONNECT FOR AIR HANDLING UNIT
M#AUH-2	30/2/NF/NEMA 3R DISCONNECT FOR AIR HANDLING UNIT
M#AUH-3	90/3/NF/NEMA 3R DISCONNECT FOR AIR HANDLING UNIT.
M#CU-1	30/2/NF/NEMA 3R DISCONNECT FOR AIR HANDLING UNIT.
M#CU-2	60/2/NF/NEMA 3R DISCONNECT FOR CONDENSING UNIT.
M#CU-3 M#CU-4	80/3/NF/NEMA 3R DISCONNECT FOR CONDENSING UNIT
	30/2/NF/NEMA 3R DISCONNECT FOR CONDENSING UNIT CU-4.
MDP	MAIN DISTRIBUTION PANEL 800A 240V 3PH HIGH LEG
MW	GFI RECEPTACLE FOR MICROWAVE. COORDINATE LOCATION WITH OWNER.
P#WH1	30/2/NF/NEMA 3R DISCONNECT FOR ELECTRIC WATER HEATER
POLE	25' TALL 5" SQUARE STRAIGHT STEEL POLE
Q	QUADPLEX RECEPTACLE
R	DUPLEX RECEPTACLE
REF	GFI RECEPTACLE FOR REFRIGERATOR. COORDINATE LOCATION WITH INSTALLER OF REFRIGERATOR.
TV	RECESSED DUPLEX RECEPTACLE FOR TELEVISION OR DISPLAY, COORDINATE EXACT ELEVATION WITH ARCHITECT.
UTILITY	PROPOSED UTILITY PAD MOUNT TRANSFORMER. PROVIDE AND INSTALL PAD PER UTILITY COMPANY STANDARDS. COORDINATE ADDITIONAL REQUIREMENT WITH UTILITY COMPANY.
WASH	OUTLET FOR CLOTHES WASHING MACHINE COORDINATE EXACT NEMA CONFIGURATION WITH ITEM PURCHASED BY OTHERS MOUNT AT 36" AFF.
WF	DUPLEX RECEPTACLE FOR WATER FOUNTAIN. COORDINATE EXACT LOCATION AND HEIGHT WITH THE INSTALLER OF THE EQUIPMENT.
WP	WEATHER RESISTANT RECEPTACLE IN NEMA 3R WHILE IN USE COVER.
	WEATHER RESISTANT RECEIVACE IN NEIR SR WHILE IN OSE COVER.
Χ-ΒΔΥ	OUTLET FOR X-RAY MACHING COORDINATE EXACT NEMA CONETGURATION AND MOUNTING HEIGHT WITH OWNER
X-RAY	OUTLET FOR X-RAY MACHING COORDINATE EXACT NEMA CONFIGURATION AND MOUNTING HEIGHT WITH OWNER.
~AF2	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE.
~AF2 ~AF2E	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE.
~AF2 ~AF2E ~CH	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH.
~AF2 ~AF2E ~CH ~D1	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE.
~AF2 ~AF2E ~CH ~D1 ~D2	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE.
~AF2 ~AF2E ~CH ~D1 ~D2 ~D2E	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE.
~AF2 ~AF2E ~CH ~D1 ~D2 ~D2E ~L1	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES.
~AF2 ~AF2E ~CH ~D1 ~D2 ~D2E ~L1 ~L2	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT DIFFERENT LENGTHES.
~AF2 ~AF2E ~CH ~D1 ~D2 ~D2E ~L1 ~L2 ~L3	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES.
~AF2 ~AF2E ~CH ~D1 ~D2 ~D2E ~L1 ~L2 ~L3 ~MI	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. MEDICAL EXAMINATION LIGHT BY OWNER.
~AF2 ~AF2E ~CH ~D1 ~D2 ~D2E ~L1 ~L2 ~L3	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES.
~AF2 ~AF2E ~CH ~D1 ~D2 ~D2E ~L1 ~L2 ~L3 ~MI ~P1 ~PL	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. MEDICAL EXAMINATION LIGHT BY OWNER. CEILING SUSPENDED PENDANT LIGHT. TO BE SELECTED BY AOR AREA LIGHT INSTALLED ON 25' BY 5' STEEL SQUARE POLE. REFER TO LUMINAIRE SCHEDULE AND POLE BASE DETAILS.
~AF2 ~AF2E ~CH ~D1 ~D2 ~D2E ~L1 ~L2 ~L3 ~MI ~P1	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. CLILING SUSPENDED PENDANT LIGHT BY OWNER. CEILING SUSPENDED PENDANT LIGHT. TO BE SELECTED BY AOR
~AF2 ~AF2E ~CH ~D1 ~D2 ~D2E ~L1 ~L2 ~L3 ~MI ~P1 ~PL	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. 0" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. MEDICAL EXAMINATION LIGHT BY OWNER. CEILING SUSPENDED PENDANT LIGHT. TO BE SELECTED BY AOR AREA LIGHT INSTALLED ON 25' BY 5' STEEL SQUARE POLE. REFER TO LUMINAIRE SCHEDULE AND POLE BASE DETAILS. SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO
~AF2 ~AF2E ~CH ~D1 ~D2 ~D2E ~L1 ~L2 ~L3 ~MI ~P1 ~PL ~S1	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. MEDICAL EXAMINATION LIGHT BY OWNER. CEILING SUSPENDED PENDANT LIGHT. TO BE SELECTED BY AOR AREA LIGHT INSTALLED ON 25' BY 5' STEEL SQUARE POLE. REFER TO LUMINAIRE SCHEDULE AND POLE BASE DETAILS. SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE.
~AF2 ~AF2E ~CH ~D1 ~D2 ~L1 ~L2 ~L3 ~MI ~P1 ~PL ~S1 ~S1E	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. 0" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. MEDICAL EXAMINATION LIGHT BY OWNER. CEILING SUSPENDED PENDANT LIGHT. TO BE SELECTED BY AOR AREA LIGHT INSTALLED ON 25' BY 5' STEEL SQUARE POLE. REFER TO LUMINAIRE SCHEDULE AND POLE BASE DETAILS. SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE.
~AF2 ~AF2E ~CH ~D1 ~D2 ~D2E ~L1 ~L2 ~L3 ~MI ~P1 ~P1 ~S1 ~S1E ~S2	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. MEDICAL EXAMINATION LIGHT BY OWNER. CEILING SUSPENDED PENDANT LIGHT. TO BE SELECTED BY AOR AREA LIGHT INSTALLED ON 25' BY 5' STEEL SQUARE POLE. REFER TO LUMINAIRE SCHEDULE AND POLE BASE DETAILS. SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE.
~AF2 ~AF2E ~CH ~D1 ~D2 ~L1 ~L2 ~L3 ~MI ~P1 ~PL ~S1 ~S1E ~S2 ~SIGN	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT DIFFERENT LENGTHES. MEDICAL EXAMINATION LIGHT BY OWNER. CEILING SUSPENDED PENDANT LIGHT. TO BE SELECTED BY AOR AREA LIGHT INSTALLED ON 25' BY 5' STEEL SQUARE POLE. REFER TO LUMINAIRE SCHEDULE AND POLE BASE DETAILS. SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. FLOOD LIGHT FOR MONUMENT SIGN ILLUMINATION LED SIDE LIT MIRROR ABOVE TOILET SINK. COMES WITH 120V/24V ADAPTOR TO CONNECT TO GFCI OUTLET. WIDTH & HEIGHT
~AF2 ~AF2E ~CH ~D1 ~D2 ~L1 ~L2 ~L3 ~MI ~P1 ~P1 ~S1 ~S1E ~S1 ~S1E ~S1 ~S1E ~S1 ~S1E ~S1 ~S1E ~S1 ~S1E	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. MEDICAL EXAMINATION LIGHT BY OWNER. CEILING SUSPENDED PENDANT LIGHT. TO BE SELECTED BY AOR AREA LIGHT INSTALLED ON 25' BY 5' STEEL SQUARE POLE. REFER TO LUMINAIRE SCHEDULE AND POLE BASE DETAILS. SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. FLOOD LIGHT FOR MONUMENT SIGN ILLUMINATION LED SIDE LIT MIRROR ABOVE TOILET SINK. COMES WITH 120V/24V ADAPTOR TO CONNECT TO GFCI OUTLET. WIDTH & HEIGHT TO BE DETERMINED BY ARCHITECT. DARK BRONZE FINISH. WALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE.
~AF2 ~AF2E ~CH ~D1 ~D2 ~D2E ~L1 ~L2 ~L3 ~MI ~P1 ~P1 ~S1 ~S1E ~S1 ~S1E ~S2 ~S1GN ~SLM ~WS1 ~WS2	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. TO BE SELECTED BY AOR AREA LIGHT INSTALLED ON 25' BY 5' STELL SQUARE POLE. REFER TO LUMINAIRE SCHEDULE AND POLE BASE DETAILS. SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. ELOOD LIGHT FOR MONUMENT SIGN ILLUMINATION LED SIDE LIT MIRROR ABOVE TOILET SINK. COMES WITH 120V/24V ADAPTOR TO CONNECT TO GFCI OUTLET. WIDTH & HEIGHT TO BE DETERMINED BY ARCHITECT. DARK BRONZE FINISH. WALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE. WALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE.
~AF2 ~AF2E ~CH ~D1 ~D2 ~D2E ~L1 ~L2 ~L3 ~MI ~P1 ~P1 ~S1 ~S1 ~S1 ~S1 ~S1 ~S1 ~S1 ~S1 ~S1 ~S	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. TO BE SELECTED BY AOR AREA LIGHT INSTALLED ON 25' BY 5' STEEL SQUARE POLE. REFER TO LUMINAIRE SCHEDULE AND POLE BASE DETAILS. SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2T SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2TT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. FLOOD LIGHT FOR MONUMENT SIGN ILLUMINATION LED SIDE LIT MIRROR ABOVE TOILET SINK. COMES WITH 120V/24V ADAPTOR TO CONNECT TO GFCI OUTLET. WIDTH & HEIGHT TO BE DETERMINED BY ARCHITECT. DARK BRONZE FINISH. MALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE. WALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE. WALL MOUNTED EXTERIOR LED SCONCE. REFER TO SCHEDULE.
~AF2 ~AF2E ~CH ~D1 ~D2 ~L1 ~L2 ~L3 ~MI ~P1 ~P1 ~S1 ~S1E ~S1 ~S1E ~S2 ~SIGN ~SLM ~WS1 ~WS2	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE. REFER TO SCHEDULE. RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY. REFER TO SCHEDULE. CEILING SUSPENDED CHANDELIER LIGHT. 124W 4623LM 3000K. DARK BRONZE FINISH. 4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE. 6" RECESSED LED CAN LIGHT FIXTURE. WITH EMERGENCY BATTERY. REFER TO SCHEDULE. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. DIFFERENT LENGTHES. ULTRA SLIM UNDER CABINET LED LIGHT. TO BE SELECTED BY AOR AREA LIGHT INSTALLED ON 25' BY 5' STELL SQUARE POLE. REFER TO LUMINAIRE SCHEDULE AND POLE BASE DETAILS. SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. 2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE. ELOOD LIGHT FOR MONUMENT SIGN ILLUMINATION LED SIDE LIT MIRROR ABOVE TOILET SINK. COMES WITH 120V/24V ADAPTOR TO CONNECT TO GFCI OUTLET. WIDTH & HEIGHT TO BE DETERMINED BY ARCHITECT. DARK BRONZE FINISH. WALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE. WALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE.

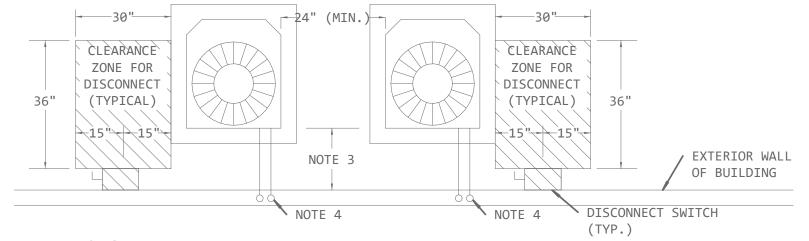


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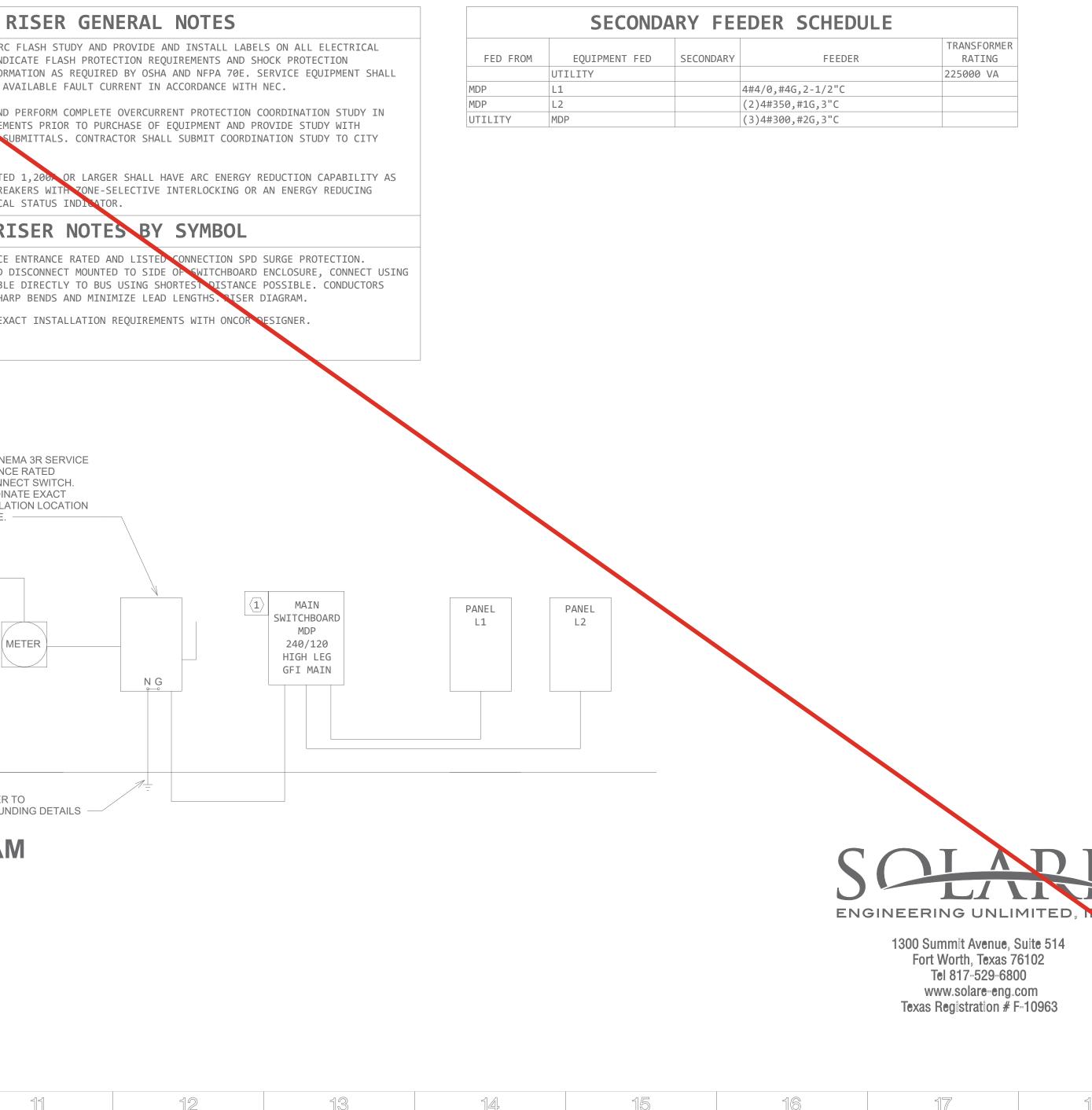


DETAIL NOTES: 1. TOP DISCHARGE AREA SHOULD BE UNRESTRICTED FOR AT LEAST FIVE (5) FEET ABOVE UNIT. UNIT SHOULD BE PLACED SO ROOF RUN-OFF WATER DOES NOT POUR DIRECTLY ON UNIT. 2. UNIT SHOULD BE UNOBSTRUCTED FOR 12" (MIN.) ON ANY SIDE AND IN FRONT.

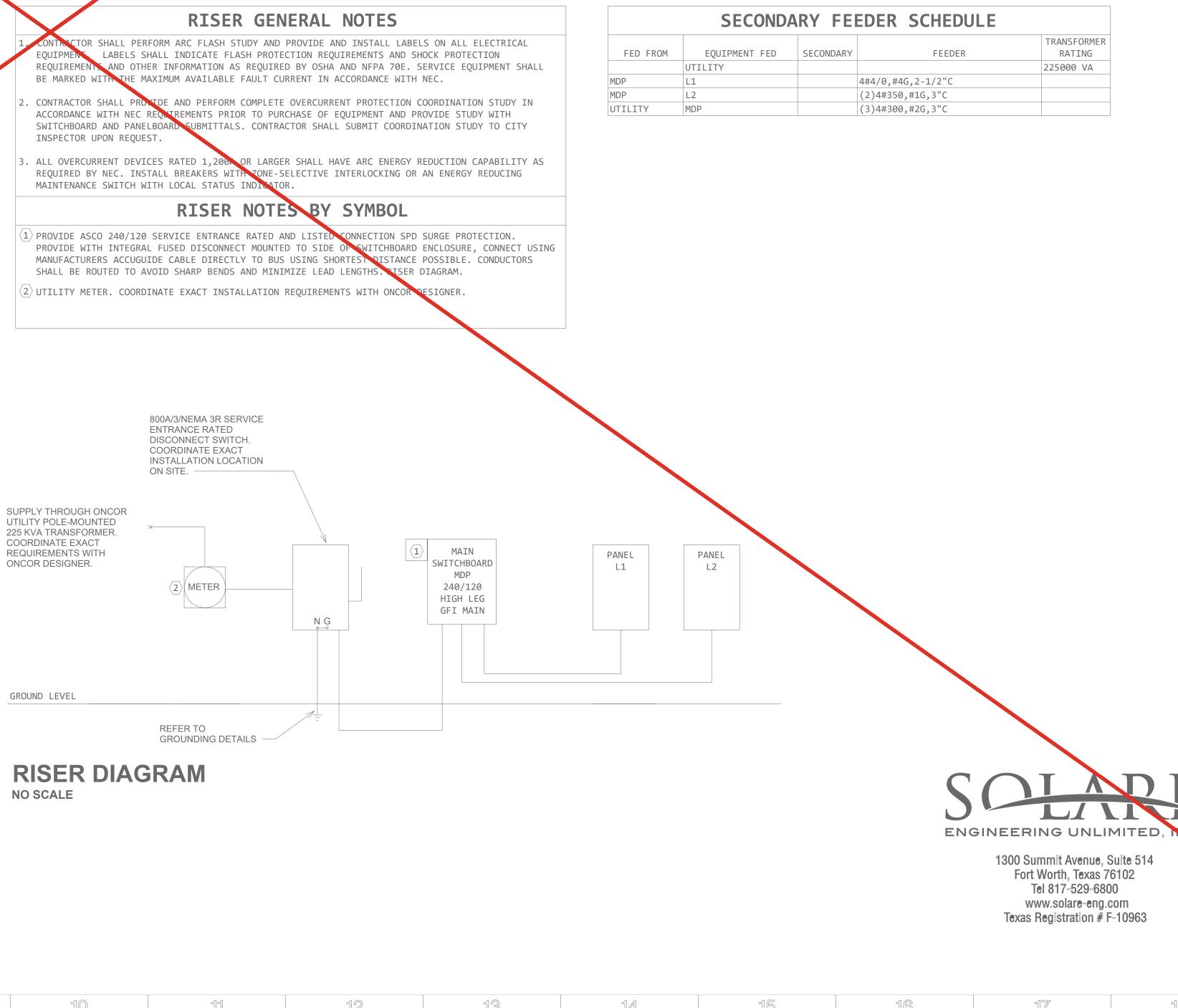
3. 12" (MIN) FOR DISCONNECT SWITCH ON THE SIDE OF UNIT. DISCONNECT SWITCH MAY BE PLACED BEHIND UNIT, IN THIS CASE THIS DIMENSION FROM THE FRONT OF THE DISCONNECT SWITCH TO THE BACK OF THE UNIT CAN BE NO SMALLER THAN 36" FOR 208 V. AND 42" FOR 480 V. UNITS.

4. REFRIGERANT PIPING TO RUN IN WALL UP TO MECHANICAL SPACE AND TO AIR HANDLER UNIT. SEAL WALL PENETRATION WEATHER TIGHT.

## **DISCONNECT CLEARANCE DETAIL** N.T.S.



INSPECTOR UPON REQUEST.

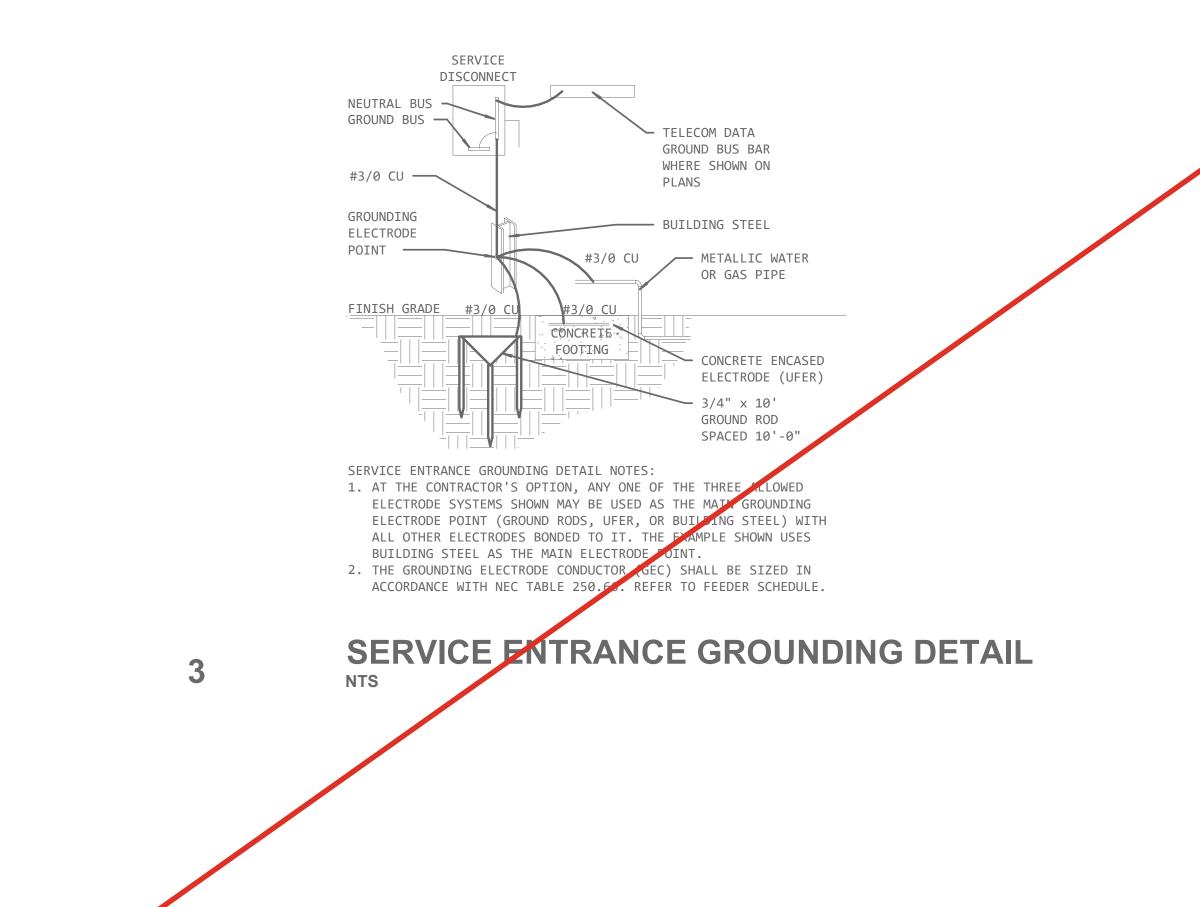


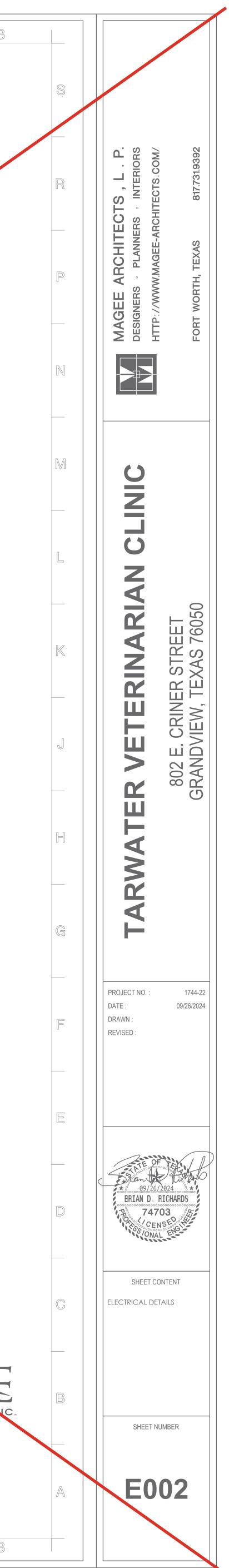
**RISER DIAGRAM NO SCALE** 

6	7	8	9	10	11

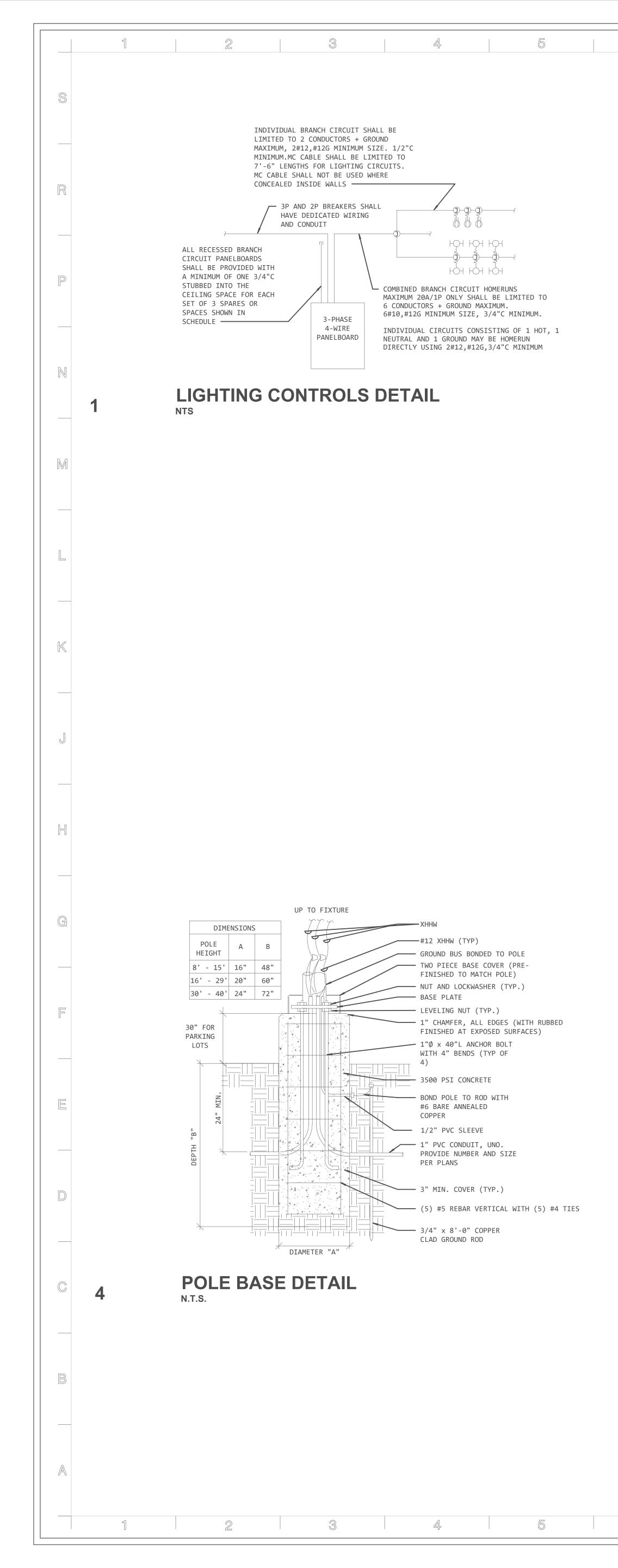
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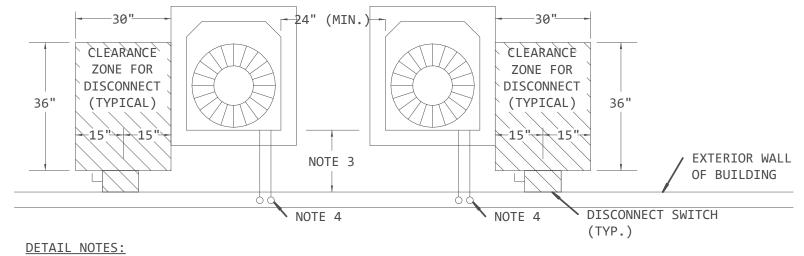




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6	7	8	9	10	11



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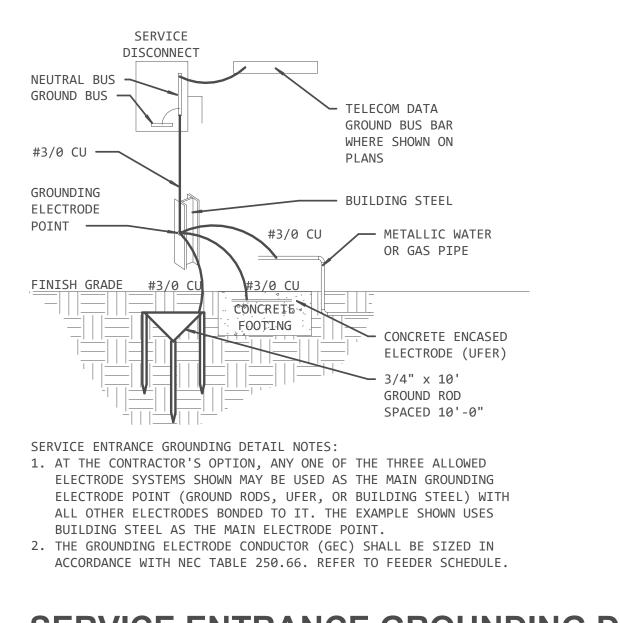
4. REFRIGERANT PIPING TO RUN IN WALL UP TO MECHANICAL SPACE AND TO AIR HANDLER UNIT. SEAL WALL PENETRATION WEATHER TIGHT.

## **DISCONNECT CLEARANCE DETAIL** N.T.S.

	RISER GENERAL
	1. CONTRACTOR SHALL PERFORM ARC FLASH STUDY AND PROVIDE EQUIPMENT. LABELS SHALL INDICATE FLASH PROTECTION RE REQUIREMENTS AND OTHER INFORMATION AS REQUIRED BY OSH BE MARKED WITH THE MAXIMUM AVAILABLE FAULT CURRENT IN
	2. CONTRACTOR SHALL PROVIDE AND PERFORM COMPLETE OVERCUR ACCORDANCE WITH NEC REQUIREMENTS PRIOR TO PURCHASE OF SWITCHBOARD AND PANELBOARD SUBMITTALS. CONTRACTOR SHA INSPECTOR UPON REQUEST.
	3. ALL OVERCURRENT DEVICES RATED 1,200A OR LARGER SHALL REQUIRED BY NEC. INSTALL BREAKERS WITH ZONE-SELECTIVE MAINTENANCE SWITCH WITH LOCAL STATUS INDICATOR.
	RISER NOTES BY
	$\langle 1 \rangle$ PROVIDE ASCO 208/120 SERVICE ENTRANCE RATED AND LISTE CONNECT USING MANUFACTURERS ACCUGUIDE CABLE DIRECTLY CONDUCTORS SHALL BE ROUTED TO AVOID SHARP BENDS AND M
	$\langle 2 \rangle$ UTILITY METER. COORDINATE EXACT INSTALLATION REQUIREM
L	
UT 22 CC RE	UPPLY THROUGH ONCOR TILITY POLE-MOUNTED 5 KVA TRANSFORMER. DORDINATE EXACT EQUIREMENTS WITH NCOR DESIGNER.
GI	ROUND LEVEL
_	RISER DIAGRAM No scale

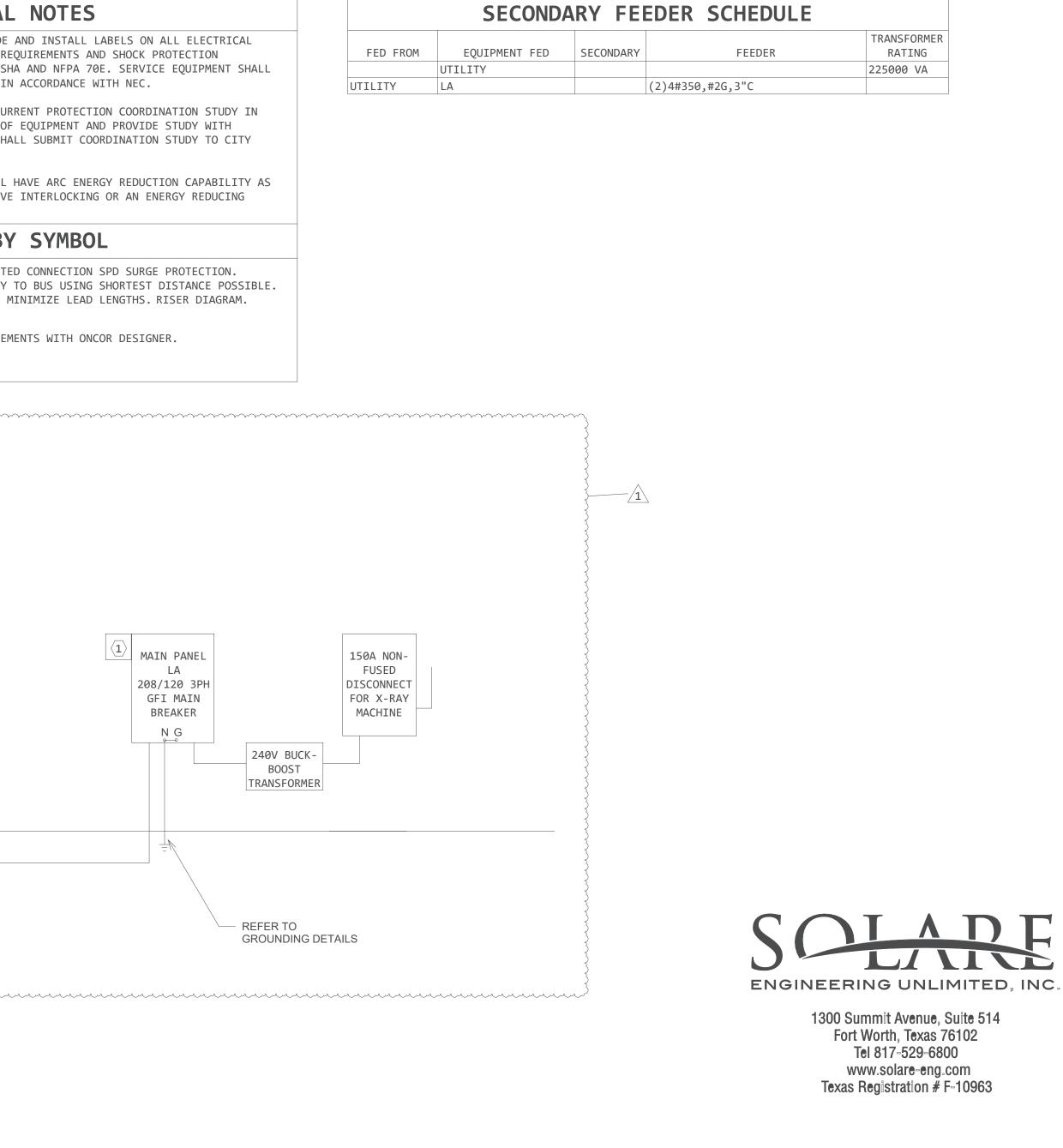
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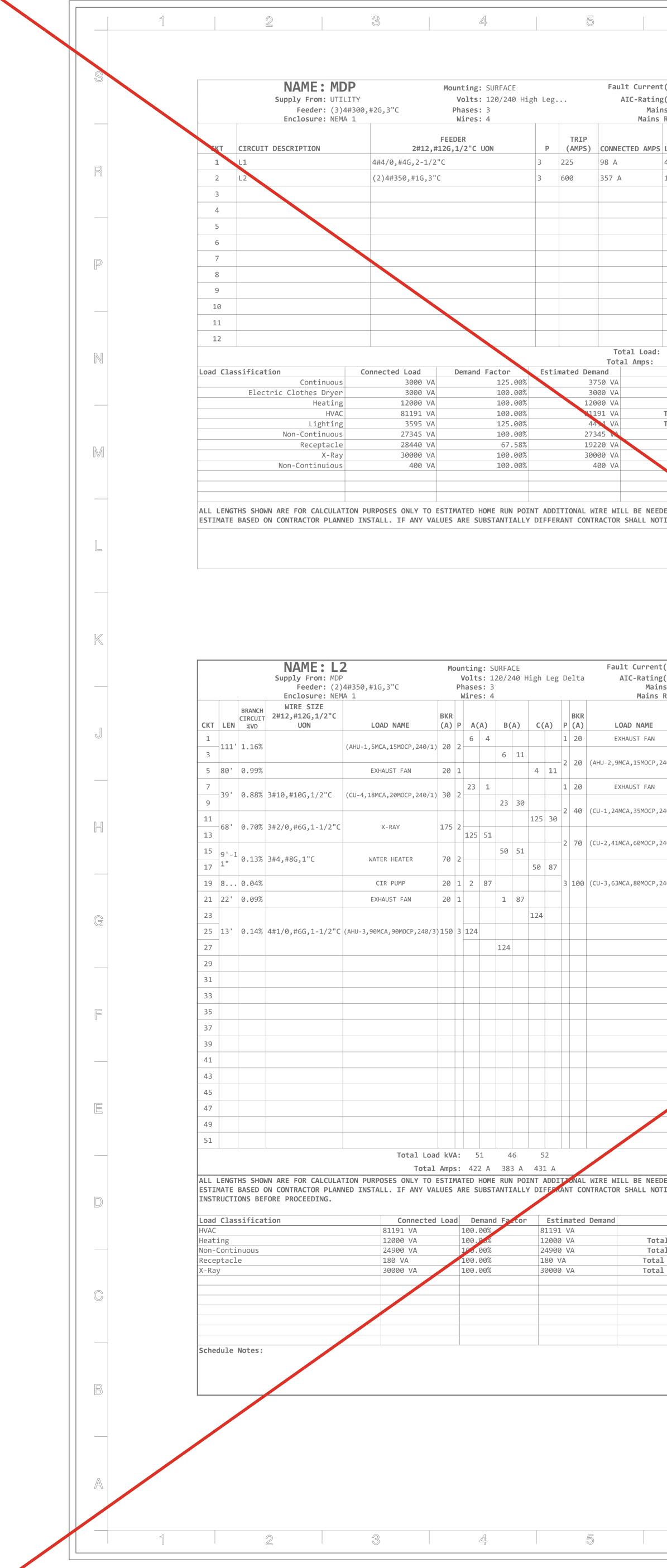
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### SERVICE ENTRANCE GROUNDING DETAIL NTS



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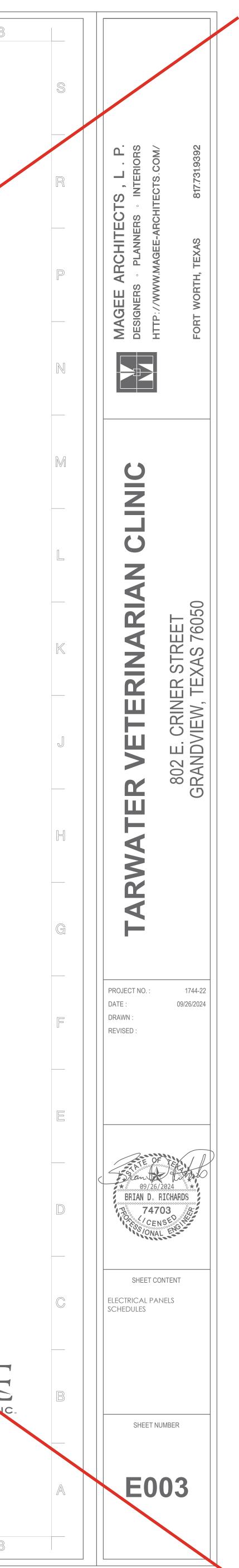


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urrent(amps): 44,589					NAME: L	1	Mounting: SURFACE		Fault Current(Amp	s): 33,857				
Rating(amps): 65,000 Mains Type: MCB					Supply From: MD Feeder: 4# Enclosure: NE	4/0,#4G,2-1/2"C	Volts: 120/240 High Phases: 3 Wires: 4	n Leg Delta	AIC-Rating(Amp Mains Tyj Mains Ratiu	pe: MLO				
Mains Rating: 800	EDER			BRANCH	WIRE SIZE 2#12,#12G,1/2"C	BI	(R	BKR		WIRE SIZE 2#12,#12G,1/2"C	BRANCH CIRCUIT			
AMPS LOAD VA %	VD         LENGTH           31%         13'			CKT         LEN         %VD           1         96'         1.60%			A)         P         A(A)         B(A)         C           0         1         5         10	Image: All (A)         P         (A)           1         20	LOAD NAME GARBAGE DISPOSAL	UON	%vD         LEN         CKT           3.06%         92'         2			
148271 VA 0.3	36% 18'			3         87'         1.44%           5         72'         2.51%		MICROWAVE 2 DUPLEX RECEPTACLE, TV 2	0 1 5 12 0 1 11		T DUPLEX GFI, DUPLEX DUPLEX RECEPTACLE, TV		3.38%     85'     4       2.14%     61'     6			
				7 53' 1.58%		DUPLEX RECEPTACLE, TV 2			ACT DUPLEX, DUPLEX		1.79% 51' 8			
				9         26'         1.03%           11         60'         2.01%		DUPLEX RECEPTACLE, WP     2       CLOTHES WASHING MACHINE     2		2 20	CLOTHES DRYER		1.30% 62' 10			
				13 52' 0.87%	6	FREEZER 2	0 1 5 6	1 20	ACT DUPLEX GFI		1.07% 53' 14			
				15         62'         1.04%           17         41'         1.24%			0 1 5 9 0 1 9	1 20 AC <sup>-</sup> 8 1 20	T DUPLEX GFI, DUPLEX DUPLEX RECEPTACLE		0.76%         25'         16           1.34%         54'         18			
				19 70' 2.80%		ACT DUPLEX, ACT DUPLEX 2		1 20	REFRIGERATOR		1.26% 76' 20			
				21         67'         2.36%           23         68'         2.39%		ACT DUPLEX GFI, DUPLEX 2 ACT DUPLEX GFI, DUPLEX 2			DUPLEX RECEPTACLE		0.90%         60'         22           2.37%         79'         24			
Load: 189 kVA nps: 455 A				25         88'         2.65%           27         93'         2.79%		ACT DUPLEX GFI, DUPLEX 2 DUPLEX RECEPTACLE 2	0     1     9     11		T DUPLEX, ACT DUPLEX ACT DUPLEX, DUPLEX		3.71%     100     26       4.31%     108'     28			
Panel Totals Total Connected.	189 kVA			29         97'         3.39%		ACT DUPLEX, ACT DUPLEX 2			ACT DUPLEX, DUPLEX		4.65% 116' 30			
Total Connected: Total Est. Demand:	455 A 181 kVA			31         95'         2.84%           33         8         0.04%		DUPLEX RECEPTACLE, TV 2 IRRIGATION CTL 2	0 1 9 5 0 1 2 8	1 20 1 20	DUPLEX RECEPTACLE		0.10%         6         32           0.62%         25'         34			
Total Est. Demand:	436 A			35 115' 2.88%	%	WP RECEPTACLE 2	0 1 8	14 1 20 EQ,	LIGHTING, LIGHT SWITCH		2.34% 50' 36			
				37         92'         3.99%           39         87'         0.96%		EQ, LIGHTING, LIGHT 2 EQ 2	0     1     13     2       0     1     3     1	1 20 1 20	LIGHTING		0.24% 44' 38 0.67% 236' 40			
				41 292' 0.81%	%		0 1 1				42			
E NEEDED FOR CIRCUIN, CONTRAC LL NOTIFY A/E OF REVISIONS NE				43 45							44			
LL NOTIFY A/E OF REVISENS NE	EDED AND AW			47							48			
				51							52			
				53		Total Load I	<pre></pre>	15			54			
				ALL LENGTHS SHO	OWN ARE FOR CALCULA	ATION PURPOSES ONLY TO ES	NPS: 110 A 105 A 12 FIMATED HOME RUN POINT	ADDITIONAL WI	IRE WILL BE NEEDED F	OR CIRCUIT, CONTR	ACTOR SHALL			
				ESTIMATE BASED	ON CONTRACTOR PLAN EFORE PROCEEDING.	NNED INSTALL. IF MAY VALUE	ES ARE SUBSTANTIALLY DI	IFFERANT CONTR	RACTOR SHALL NOTIFY	A/E OF REVISIONS	NEEDED AND AWAIT			
urrent(Amps): 37,962				Load Classifica Continuous		3000 VA		3750 VA		Panel Totals				
Rating(Amps): 42,000 Mains Type: MLO Mains Rating: 600				Electric Clothe Lighting Non-Continuous	es Dryer	3000 VA 3595 VA 2445 VA	125.00%	3000 VA 4494 VA 2445 VA	Total Co	nn. Load: 41 kVA nnt. Amps 98 A and Load: 33 kVA				
WIRE SIZE 2#12,#12G,1/2"C	BRANCH			Receptacle Non-Continuious	s	28260 VA 400 VA	67.69%	19130 VA 400 VA		and Amps: 80 A				
	%VD         LEN         CKT           1.24%         99'         2													
5MOCP,240/1)	1.92% 102' 4													
FAN	0.25% 59' 8			Schedule Notes:	•									
5MOCP,240/1) 3#8,#10G,3/4"C	1.60% 82' 12													
OMOCP,240/1) 3#4,#8G,1"C	1.06% 80'													
	16													
ФМОСР,240/3) 4#1,#8G,1-1/2"C	0.14% 15' 20													
	24													
	26													
	30													
	32 34													
	36													
	40													
	42							$\mathbf{i}$						
	46													
	48 50													
	52													
E NEEDED FOR CIRCUIT, CONTRAC LL NOTIFY A/E OF REVISIONS NE														
Panel Totals														
Total Conn. Load: 148 kVA Total Connt. Amps 357 A														
Total Demand Load:148 kVATotal Demand Amps:357 A														
												$\mathbf{S}$	Τλ	DE
												1300	Summit Avenue, S	Suite 514
												F	ort Worth, Texas 7 Tel 817-529-680	6102 )0
												Tev	www.solare-eng. s Registration # I	COM ≂10963

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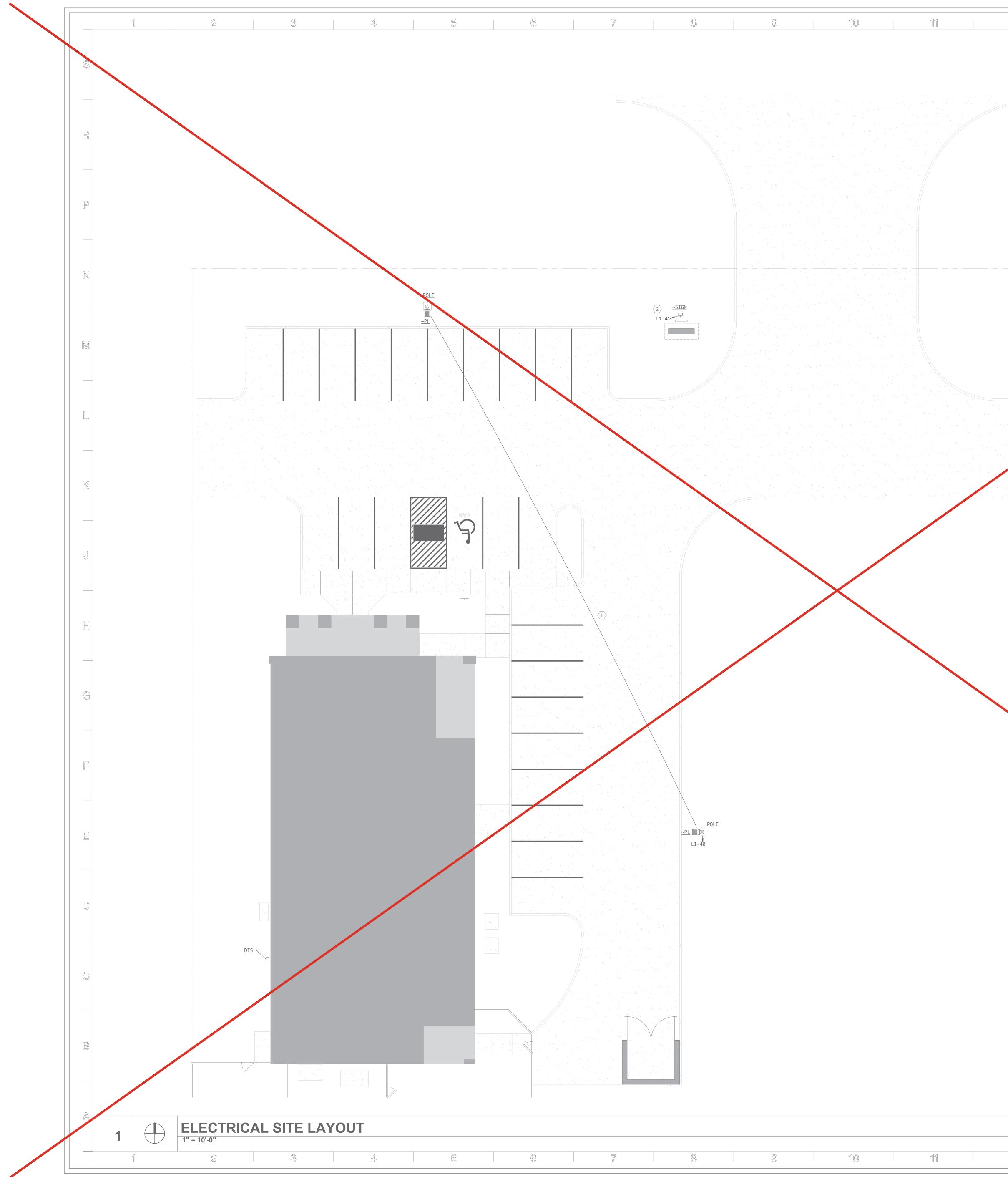
1	2	3	<u>A</u>	5		6	7	E	8		9	10	)		]1]
						NAME Supply From Feeder Enclosure	: UTILITY : (2)4#350,#2G,3"C	Р	unting: SURFA Volts: 120/2 Phases: 3 Wires: 4			Fault Current(Amp AIC-Rating(Amp Mains Ty Mains Rati	<b>s):</b> 65,000 <b>pe:</b> MCB		
					CKT LEN	BRANCH WIRE SIZE CIRCUIT 2#12,#12G,1/		BKR		(A) C(A)	BKR P (A)	LOAD NAME	WIRE 9 2#12,#120 UON	G,1/2"C CIRCU	LEN CKT
					1 7 3 26'	0.77%	IRRIGATION CTL ACT DUPLEX GFI, DUPLEX.	. 20 1		8	1 20 1 20	CIR PUMP WP RECEPTACLE		0.62	6 3 2 6 25' 4
					5 52' 7 62' 9 63'	2.16%	ACT DUPLEX, DUPLEX DUPLEX RECEPTACLE, TV MICROWAVE		1 11 9		1 20	DUPLEX RECEPTACLE, WP DUPLEX RECEPTACLE, TV DUPLEX RECEPTACLE, TV		1.59	6 26' 6 6 53' 8 6 72' 10
-					11         85'           13         97'	3.40%	ACT DUPLEX GFI, DUPLEX.	. 20 1		12 10		GARBAGE DISPOSAL		3.07	6     92'     12       6     87'     14
					15 116 17 95'		WP RECEPTACLE EXHAUST FAN	20 1 20 1		11 4 9		ACT DUPLEX, ACT DUPLEX			6 106' 16 6 93' 18
					19         117           21         87'	0.97%	ACT DUPLEX, DUPLEX WATER FOUNTAIN	20 1	1 3	4	1 20	DUPLEX RECEPTACLE, TV EXHAUST FAN		0.94	6     95'     20       6     75'     22       6     1001     24
					23 97' 25 89' 27 69'	2.67%	ACT DUPLEX, ACT DUPLEX. ACT DUPLEX GFI, DUPLEX. ACT DUPLEX GFI, DUPLEX.	. 20 1	1 9 9			ACT DUPLEX, DUPLEX	•	2.39	6     108'     24       6     80'     26       6     60'     28
					29         55'           31         70'	0.23%	EXHAUST FAN ACT DUPLEX, ACT DUPLEX.	20 1	1	1 11		ACT DUPLEX GFI, DUPLEX	•	2.37	6         60         28           6         68'         30           6         76'         32
_					33 54' 35 53'	1.35%	DUPLEX RECEPTACLE FREEZER	20 1 20 1	1 8		1 20	DUPLEX RECEPTACLE		1.25	6 42' 34 6 54' 36
					39	1.74%	CLOTHES DRYER	20 2	14	14	1 20 E	CLOTHES WASHING MACHINE Q, LIGHTING, LIGHT SWITC	н	2.36	6 61' 38 50' 40
_					41 45' 43 292		LIGHTING	20 1 20 1	1 1 1		1 20	EQ, LIGHTING, LIGHT		0.67	6     93'     42       6     236'     44       7     18'     46
					45 47 49	1.19%	(AHU-1,5MCA,15MOCP,208/3	.) 20 2		6 10	1     20       2     20	EXHAUST FAN (AHU-2,9MCA,15MOCP,208/1)	)		6 18' 46 6 98' 48 50
					51 53	1.75% 3#8,#10G,3/4"			2 30	51 23 51	2 70	(CU-2,41MCA,60MOCP,208/1)	)3#4,#8G,1'	'C 1.16	52
_					55	1.08% 3#10,#10G,1/2			23 78 90	78	3 100	(CU-3,63MCA,80MOCP,208/3)	)4#1,#8G,1-	-1/2"C 0.13	56 6 13' 58
					61	<sup>5</sup> 0.08% 4#1/0,#6G,1-1	/2"C (AHU-3,90MCA,90MOCP,208/	3)125 3	90 75	90 78					60 62 6 <sup>5'-6</sup> 64
					63 63' 67	0.84% 3#1/0,#6G,1-1	/2"C X-RAY BUCK-BOOST TRANSFORMER	150 2	2 115	115 75	3 100	(WH,80A,208/3) DUPLEX RECEPTACLE	4#1,#8G,1-		64 66 67 68
					69 71	0.57%	(CU-5,7MCA,15MOCP,208/1	) 20 2	2 9						70
					73 75										74 76
					77 79										78 80
					81 83		Total Lo	ad kVA:	: 50 6	65 64					82
					ESTIMATE	BASED ON CONTRACTOR	CULATION PURPOSES ONLY TO PLANNED INSTALL. IF ANY V	ESTIMA	: 420 A 56 ATED HOME RUI ARE SUBSTANT:	N POINT ADDI	TIONAL ANT CON	WIRE WILL BE NEEDED F TRACTOR SHALL NOTIFY	OR CIRCUIT A/E OF REV	, CONTRACTOR ISIONS NEEDED	SHALL AND AWAIT
						IONS BEFORE PROCEEDIN			<b>Demand Fa</b> 125.00%	ctor Est		Demand	Panel 1	Totals	
					Electric HVAC Heating	Clothes Dryer	3000 VA 28222 VA 27000 VA		100.00% 100.00% 100.00%	3000 28222 27000	VA 2 VA 9 VA	Total Co Total Der	onn. Load: onnt. Amps nand Load:	500 A 172 kVA	
					Lighting Non-Cont Receptac X-Ray	inuous	3595 VA 57599 VA 28260 VA 24000 VA		125.00% 100.00% 67.69% 100.00%	4494 57599 19130 24000	) VA ) VA	Total Dem	nand Amps:	478 A	
					Non-Cont:	inuious	6500 VA		100.00%	6500	VA				
					Schedule	Notes:									

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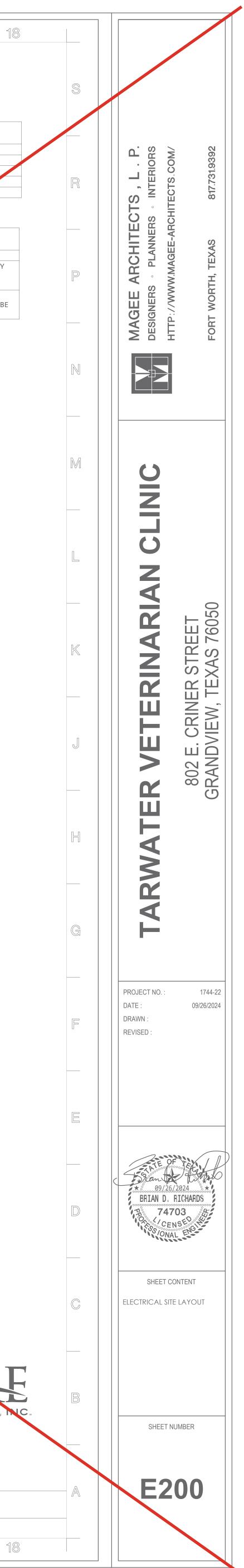
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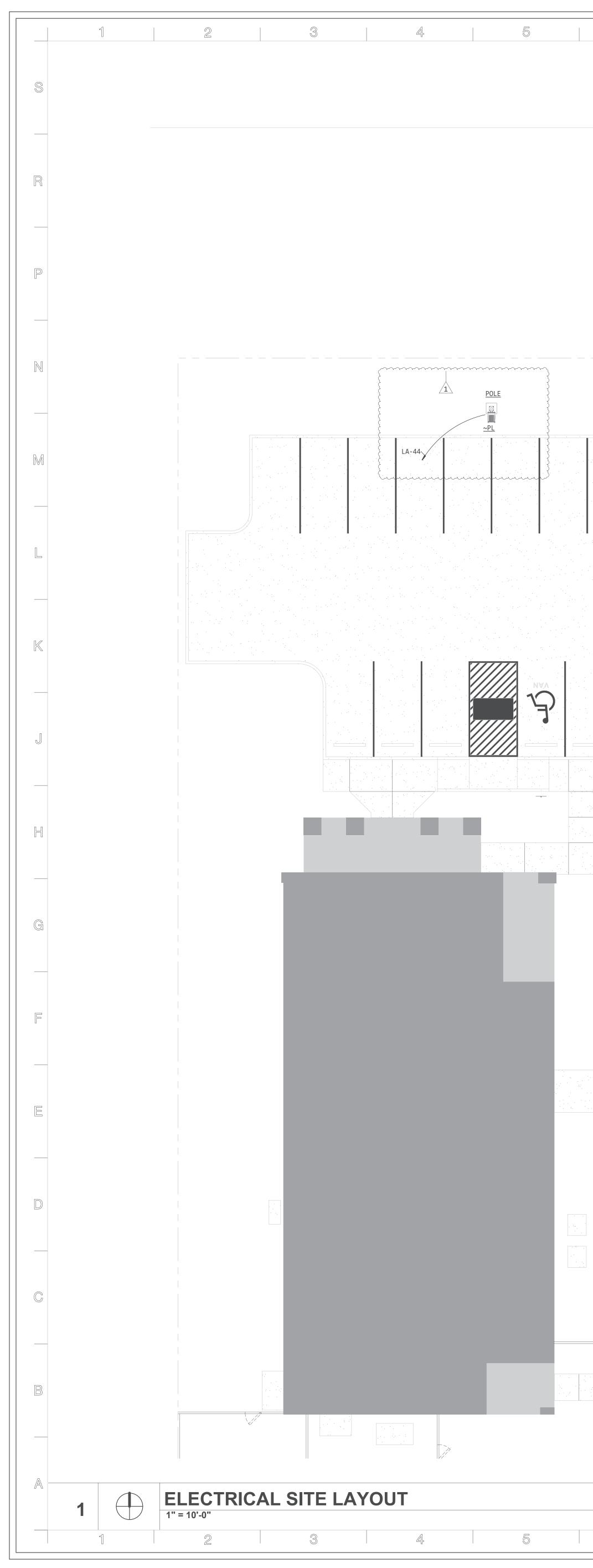


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$\exists 2$	13		75	76		18

	KEY		UN	DERLINI		<b>ED NOT</b>	ES _			
	DIS POLE ~PL ~SIGN	800/3/NF/NEMA 3R 25' TALL 5" SQUAR AREA LIGHT INSTAL FLOOD LIGHT FOR M	RE STRAIGHT S LED ON 25' E	STEEL POLE BY 5' STEEL S	QUARE POLE.				BASE DETAILS	
	~STON	FLOOD LIGHT FOR M	IONOMENT SIG	I ILLUMINATIO	N					
	#		N	OTE BY		ON SYMI	BOL			
	1 2	WIRING IS SHOWN F ELECTRICAL CONTRA CONDUIT SIZE. REFER TO PANEL SC COORDINATED ON SI DECIDED BY OWNER.	CTOR BASED C CHEDULE FOR C TTE BY ELECTE	ON UTILITIES	NLY. UNDERGE AND SITE COM	ROUND CONDUIT NDITIONS. REF ZING. UNDERGR	ER TO PANEL	SCHEDULE FOR	CONDUCTOR AND	
							$\mathbf{C}$			F
							ENGINE 1	EERING U 300 Summit Av Fort Worth, 1 Tel 817-5	enue, Suite 514 exas 76102 29-6800 e-eng.com	D, INC
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									KEY POLE ~PL ~SIGN	25' TALL 5" SQU AREA LIGHT INST FLOOD LIGHT FOR	ARE STRAIGHT ALLED ON 25'	STEEL POLE BY 5' STEEL SQUARE	<b>KEYED NOTES</b> Description POLE. REFER TO LUMINAIR	E SCHEDULE AND POLE BASE	DETAILS.
									#	REFER TO PANEL			NOTE	CONDUIT EXACT ROUTING TO	BE
		1 								DECIDED BY OWNE					
		LA-44	<u>E</u>												
													U	GINEERING UNLI 1300 Summit Avenue, Fort Worth, Texas 7 Tel 817-529-68 www.solare-eng	MITED, INC. Suite 514 76102 00

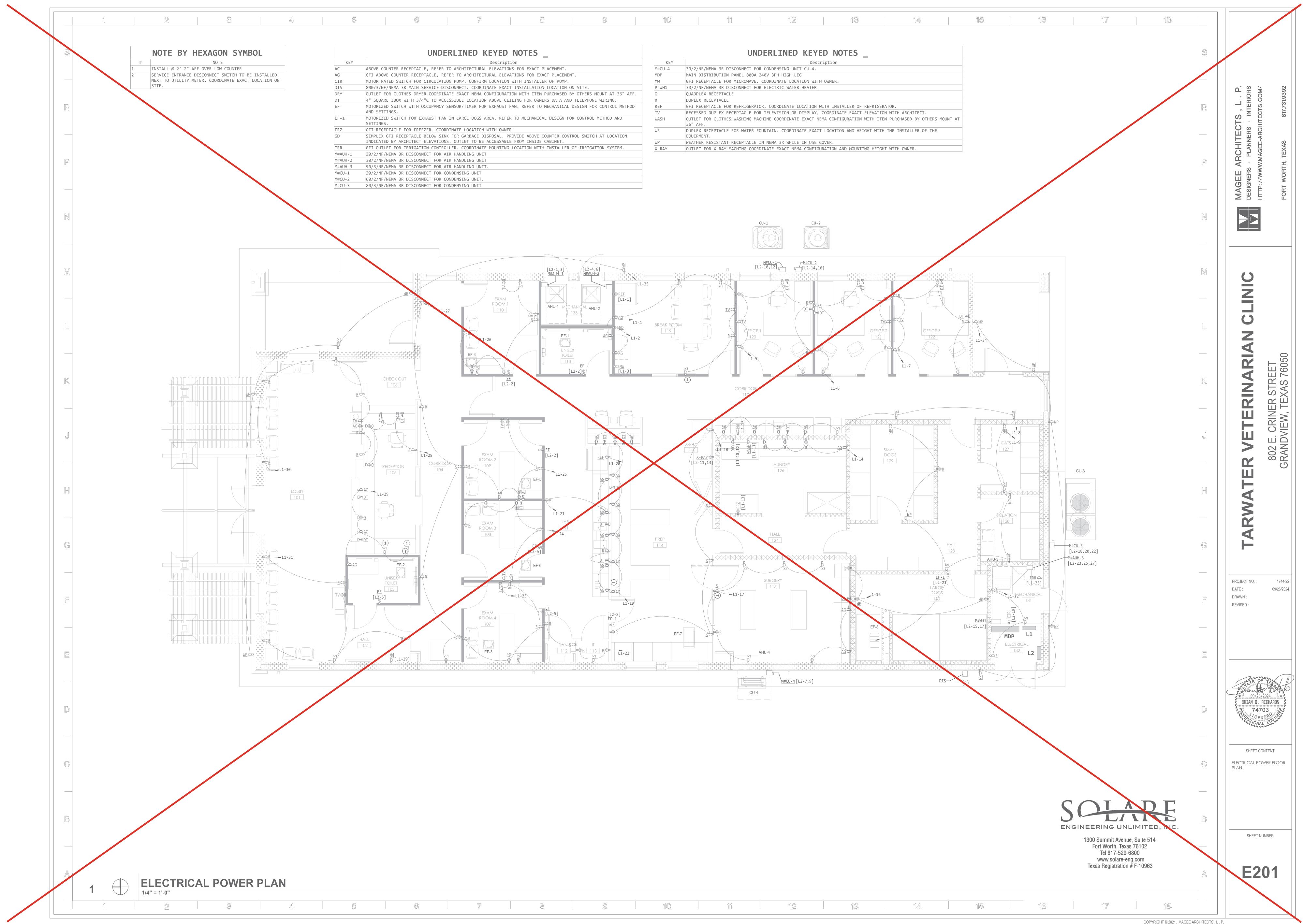
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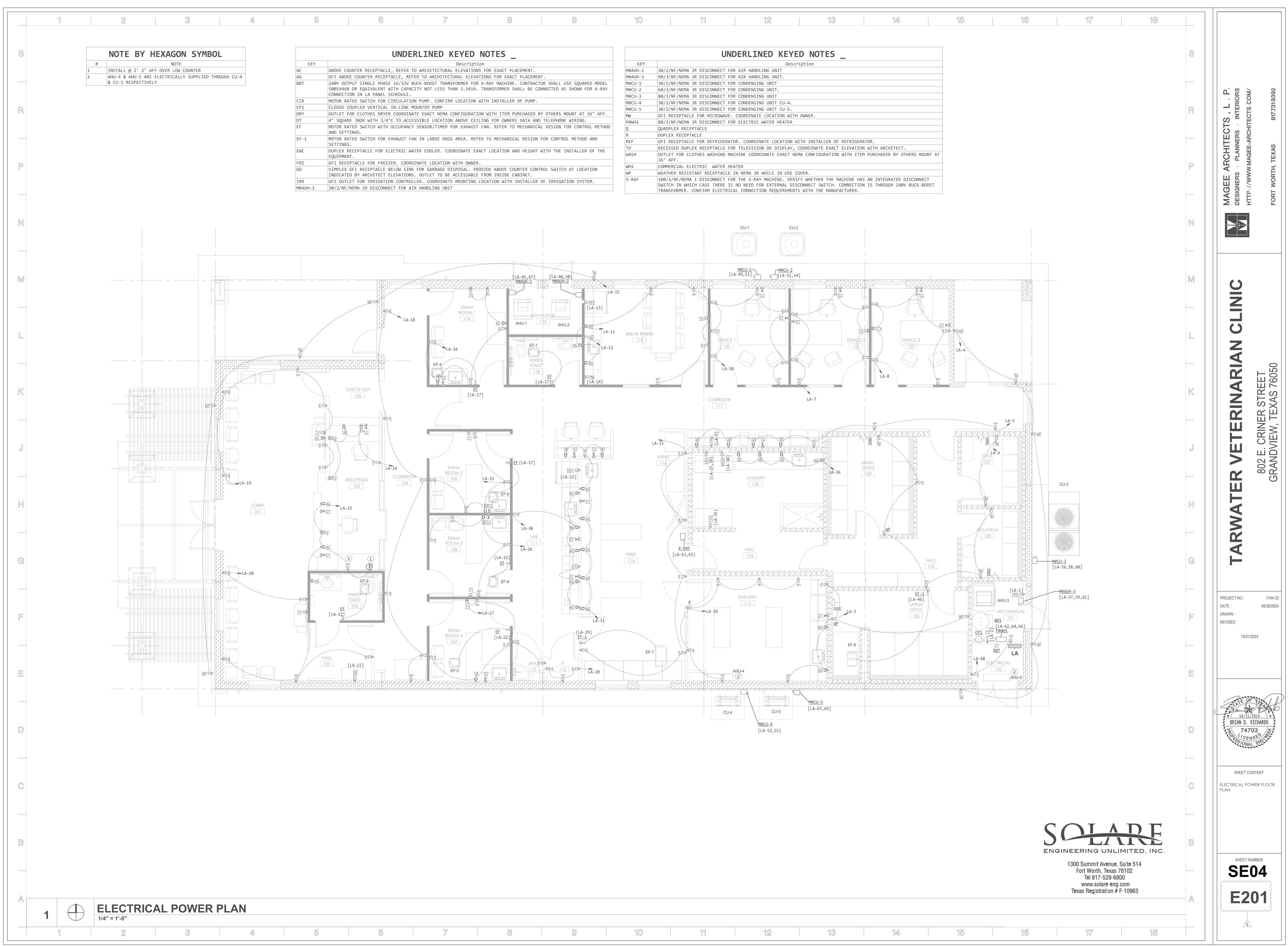
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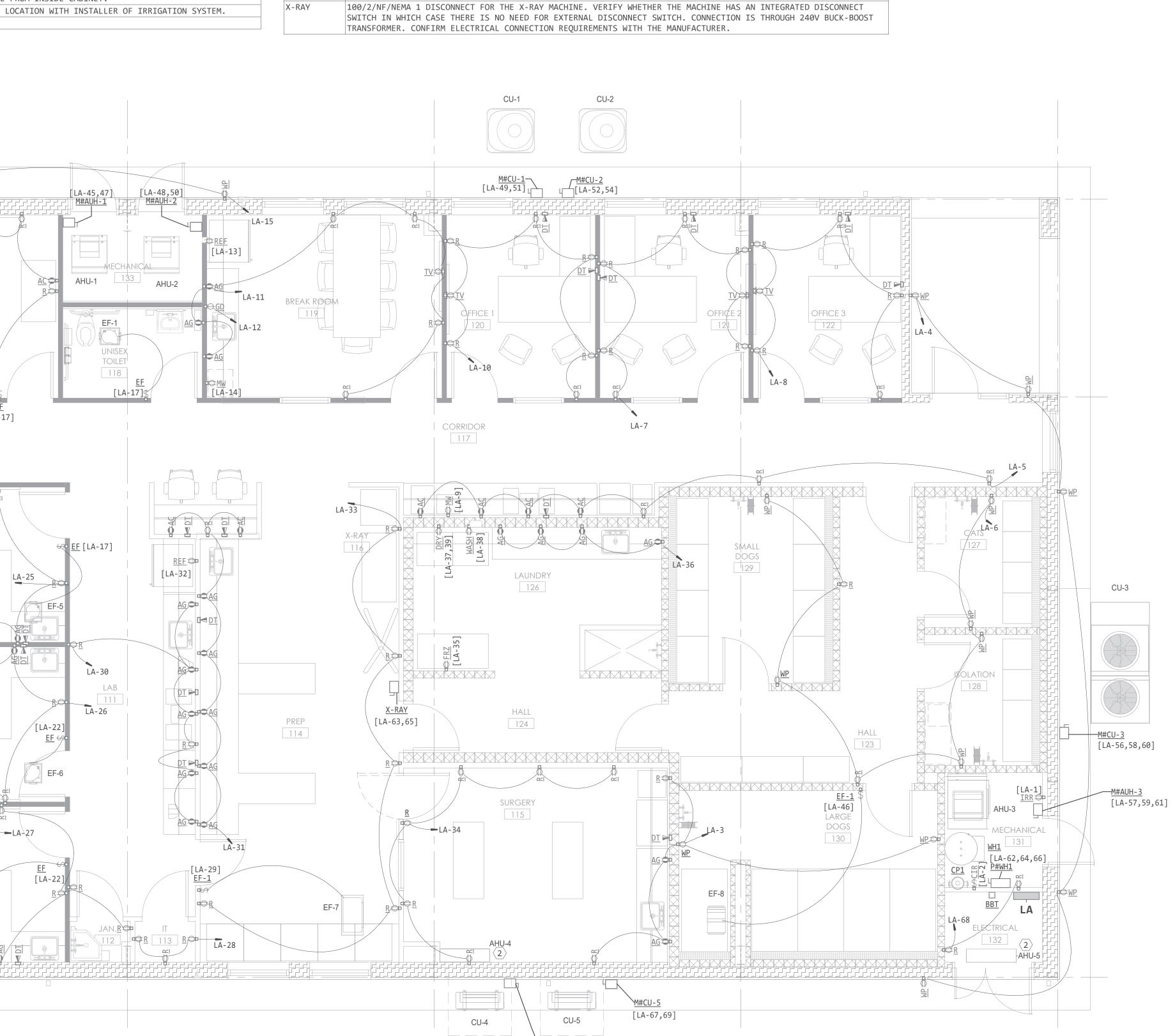


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UNDERLINED KEYED NOTES		UNDERLI
Description	KEY	
DUNTER RECEPTACLE, REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT.	M#CU-4	30/2/NF/NEMA 3R DISCONNECT FOR CONDENS
/E COUNTER RECEPTACLE, REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT.	MDP	MAIN DISTRIBUTION PANEL 800A 240V 3PH H
ATED SWITCH FOR CIRCULATION PUMP. CONFIRM LOCATION WITH INSTALLER OF PUMP.	MW	GFI RECEPTACLE FOR MICROWAVE. COORDINA
/NEMA 3R MAIN SERVICE DISCONNECT. COORDINATE EXACT INSTALLATION LOCATION ON SITE.	P#WH1	30/2/NF/NEMA 3R DISCONNECT FOR ELECTRI
FOR CLOTHES DRYER COORDINATE EXACT NEMA CONFIGURATION WITH ITEM PURCHASED BY OTHERS MOUNT AT 36" AFF.	Q	QUADPLEX RECEPTACLE
RE JBOX WITH 3/4"C TO ACCESSIBLE LOCATION ABOVE CEILING FOR OWNERS DATA AND TELEPHONE WIRING.	R	DUPLEX RECEPTACLE
ED SWITCH WITH OCCUPANCY SENSOR/TIMER FOR EXHAUST FAN. REFER TO MECHANICAL DESIGN FOR CONTROL METHOD	REF	GFI RECEPTACLE FOR REFRIGERATOR. COORD
TINGS.	TV	RECESSED DUPLEX RECEPTACLE FOR TELEVIS
ED SWITCH FOR EXHAUST FAN IN LARGE DOGS AREA. REFER TO MECHANICAL DESIGN FOR CONTROL METHOD AND	WASH	OUTLET FOR CLOTHES WASHING MACHINE COON 36" AFF.
EPTACLE FOR FREEZER. COORDINATE LOCATION WITH OWNER.	WF	DUPLEX RECEPTACLE FOR WATER FOUNTAIN.
GFI RECEPTACLE BELOW SINK FOR GARBAGE DISPOSAL. PROVIDE ABOVE COUNTER CONTROL SWITCH AT LOCATION		EQUIPMENT.
ED BY ARCHITECT ELEVATIONS. OUTLET TO BE ACCESSABLE FROM INSIDE CABINET.	WP	WEATHER RESISTANT RECEPTACLE IN NEMA 3
ET FOR IRRIGATION CONTROLLER. COORDINATE MOUNTING LOCATION WITH INSTALLER OF IRRIGATION SYSTEM.	X-RAY	OUTLET FOR X-RAY MACHING COORDINATE EXA
NEMA 3R DISCONNECT FOR AIR HANDLING UNIT		·
NEMA 3R DISCONNECT FOR AIR HANDLING UNIT		
/NEMA 3R DISCONNECT FOR AIR HANDLING UNIT.		



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UNDERLINED KEYED NOTES			l	JNDERL
Description	KEY			
NTER RECEPTACLE, REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT.	M#AUH-2	30/2/NF/NEMA 3	R DISCONNEC	T FOR AIR HA
COUNTER RECEPTACLE, REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT.	M#AUH-3	90/3/NF/NEMA 3	R DISCONNEC	T FOR AIR HA
UT SINGLE PHASE 16/32V BUCK-BOOST TRANSFORMER FOR X-RAY MACHINE. CONTRACTOR SHALL USE SQUARED MO	ODEL M#CU-1	30/2/NF/NEMA 3	R DISCONNEC	T FOR CONDEN
OR EQUIVALENT WITH CAPACITY NOT LESS THAN 3.5KVA. TRANSFORMER SHALL BE CONNECTED AS SHOWN FOR X-	-RAY M#CU-2	60/2/NF/NEMA 3	R DISCONNEC	T FOR CONDEN
N IN LA PANEL SCHEDULE.	M#CU-3	80/3/NF/NEMA 3	R DISCONNEC	T FOR CONDEN
ED SWITCH FOR CIRCULATION PUMP. CONFIRM LOCATION WITH INSTALLER OF PUMP.	M#CU-4	30/2/NF/NEMA 3	R DISCONNEC	T FOR CONDEN
UPLED VERTICAL IN-LINE MOUNTED PUMP	M#CU-5	30/2/NF/NEMA 3	R DISCONNEC	T FOR CONDEN
R CLOTHES DRYER COORDINATE EXACT NEMA CONFIGURATION WITH ITEM PURCHASED BY OTHERS MOUNT AT 36" A	AFF. MW	GFI RECEPTACLE	FOR MICROW/	AVE. COORDIN
JBOX WITH 3/4"C TO ACCESSIBLE LOCATION ABOVE CEILING FOR OWNERS DATA AND TELEPHONE WIRING.	P#WH1	80/3/NF/NEMA 3	R DISCONNEC	T FOR ELECTR
ED SWITCH WITH OCCUPANCY SENSOR/TIMER FOR EXHAUST FAN. REFER TO MECHANICAL DESIGN FOR CONTROL ME	ETHOD Q	QUADPLEX RECEP	ΓACLE	
NGS.	R	DUPLEX RECEPTA	CLE	
ED SWITCH FOR EXHAUST FAN IN LARGE DOGS AREA. REFER TO MECHANICAL DESIGN FOR CONTROL METHOD AND	REF	GFI RECEPTACLE	FOR REFRIG	ERATOR. COOR
CEPTACLE FOR ELECTRIC WATER COOLER. COORDINATE EXACT LOCATION AND HEIGHT WITH THE INSTALLER OF T	TV	RECESSED DUPLE	K RECEPTACLI	E FOR TELEVI
•	WASH	OUTLET FOR CLO 36" AFF.	THES WASHING	3 MACHINE CO
TACLE FOR FREEZER. COORDINATE LOCATION WITH OWNER.	WH1	COMMERCIAL ELE	CTRIC WATE	R HEATER
T REALBY AND RELATE STATE OF ANDRESS RECOVER A RANGE ADDRESS ADDR	VIII I		STICES WATER	

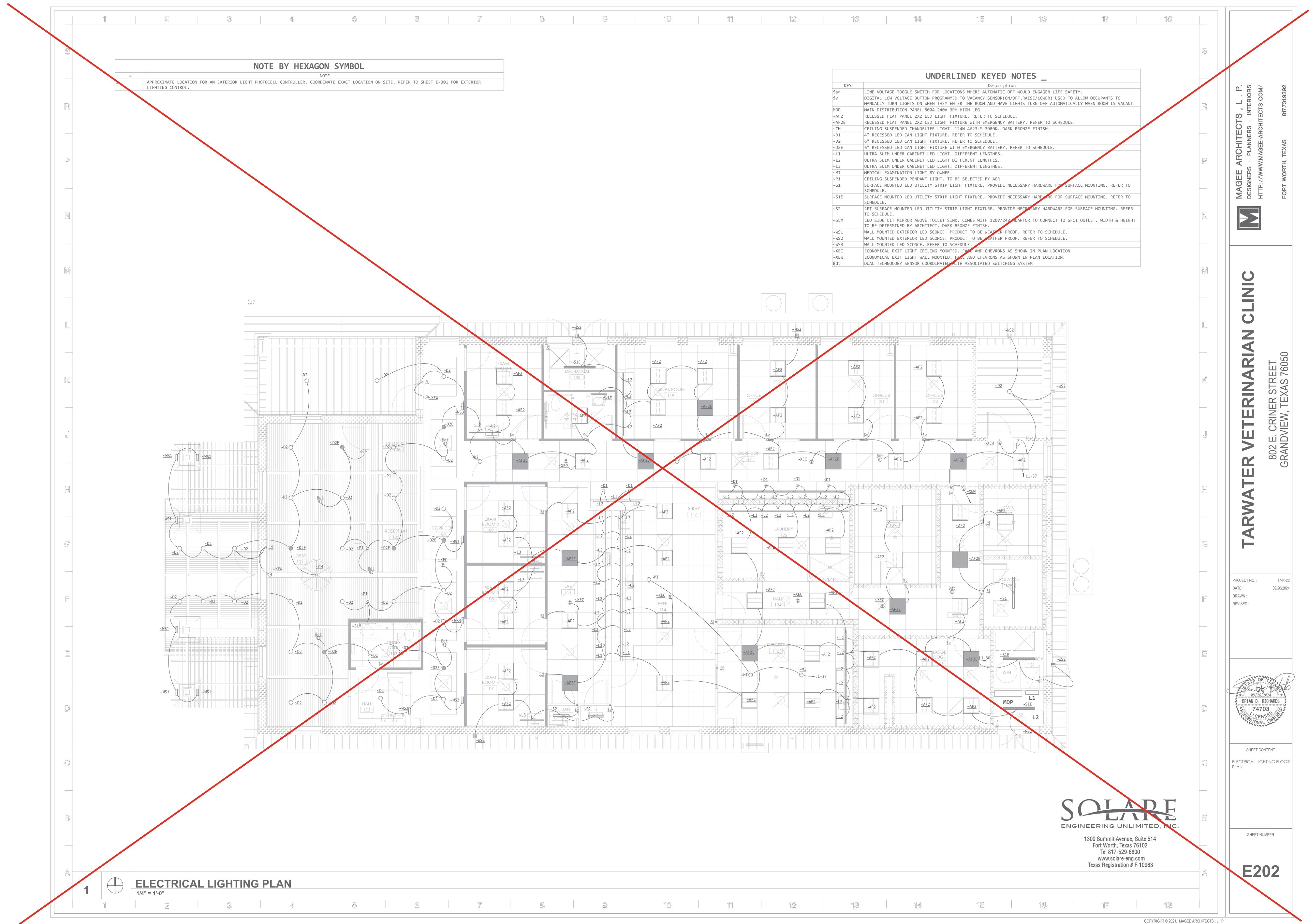


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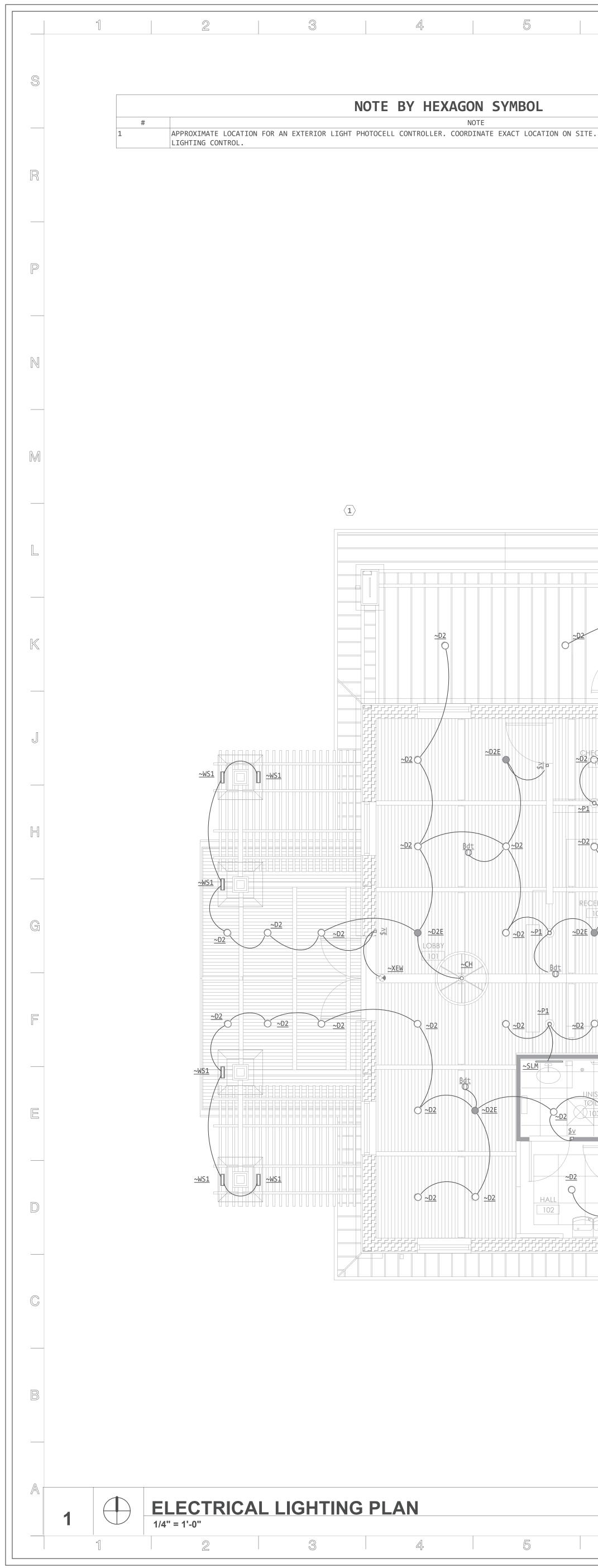
INED KEYED NOTES _
Description
NDLING UNIT
NDLING UNIT.
SING UNIT
SING UNIT.
SING UNIT
SING UNIT CU-4.
SING UNIT CU-5.
ATE LOCATION WITH OWNER.
IC WATER HEATER
DINATE LOCATION WITH INSTALLER OF REFRIGERATOR.
SION OR DISPLAY, COORDINATE EXACT ELEVATION WITH ARCHITECT.

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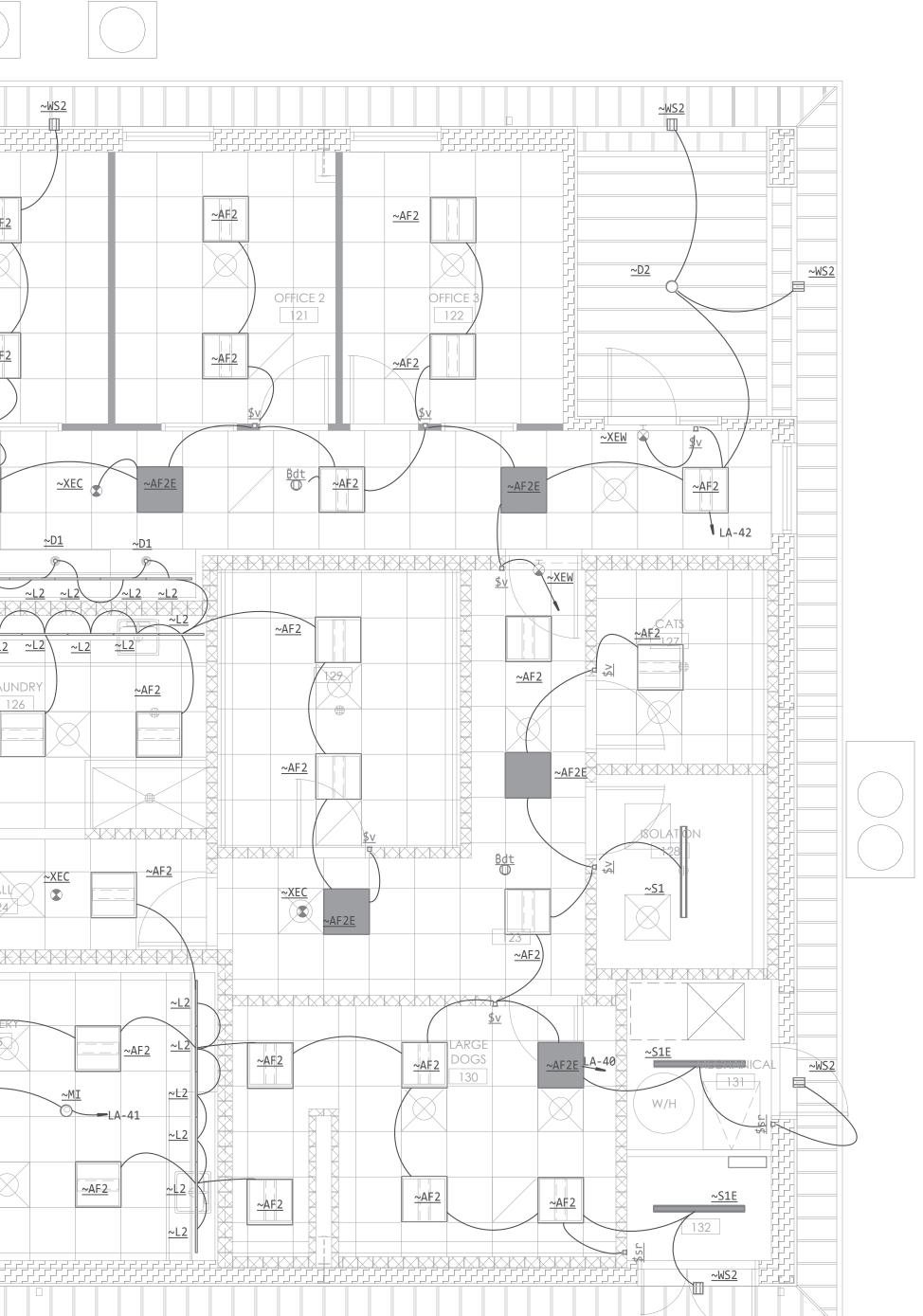


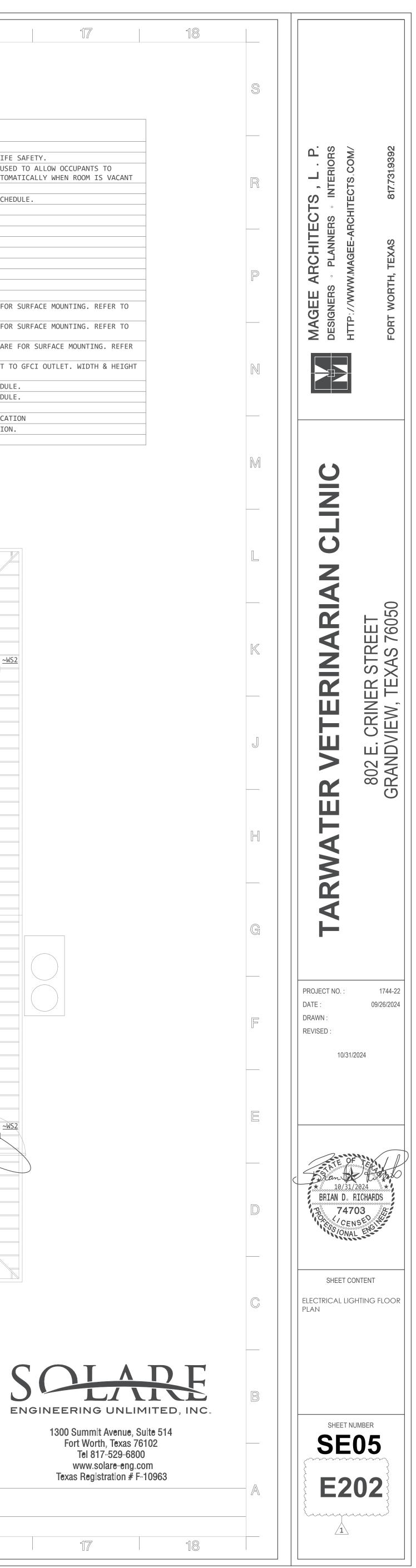
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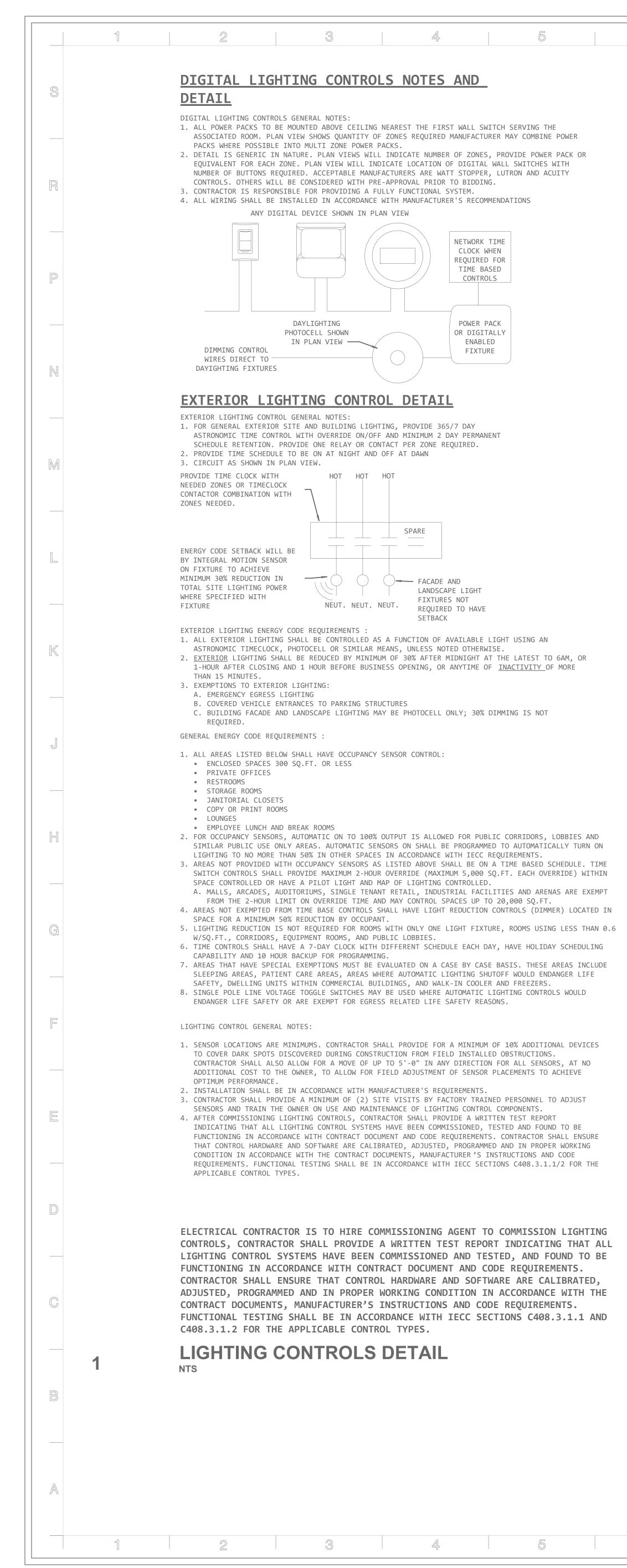
6 7 8 9 10 11 12	13 14 15 16 17 18
SITE. REFER TO SHEET E-301 FOR EXTERIOR	UNDERLINED KEYED NOTES
	~P1       CEILING SUSPENDED PENDANT LIGHT. TO BE SELECTED BY AOR         ~S1       SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE.         ~S1E       SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE.         ~S2       2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE.         ~SLM       LED SIDE LIT MIRROR ABOVE TOILET SINK. COMES WITH 120V/24V ADAPTOR TO CONNECT TO GFCI OUTLET. WIDTH & HEIGHT TO BE DETERMINED BY ARCHITECT. DARK BRONZE FINISH.         ~WS1       WALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE.         ~WS2       WALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE.         ~WS3       WALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE.         ~WS4       WALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE.         ~WS2       WALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE.         ~WS3       WALL MOUNTED LED SCONCE. REFER TO SCHEDULE.         ~XEC       ECONOMICAL EXIT LIGHT GELING MOUNTED. FACE AND CHEVRONS AS SHOWN IN PLAN LOCATION         ~XEW       ECONOMICAL EXIT LIGHT WALL MOUNTED. FACE AND CHEVRONS AS SHOWN IN PLAN LOCATION.         &dt       DUAL TECHNOLOGY SENSOR COORDINATED WITH ASSOCIATED SWITCHING SYSTEM
	AE2 AE2 AE2 AE2 AE2 AE2 AE2 AE2

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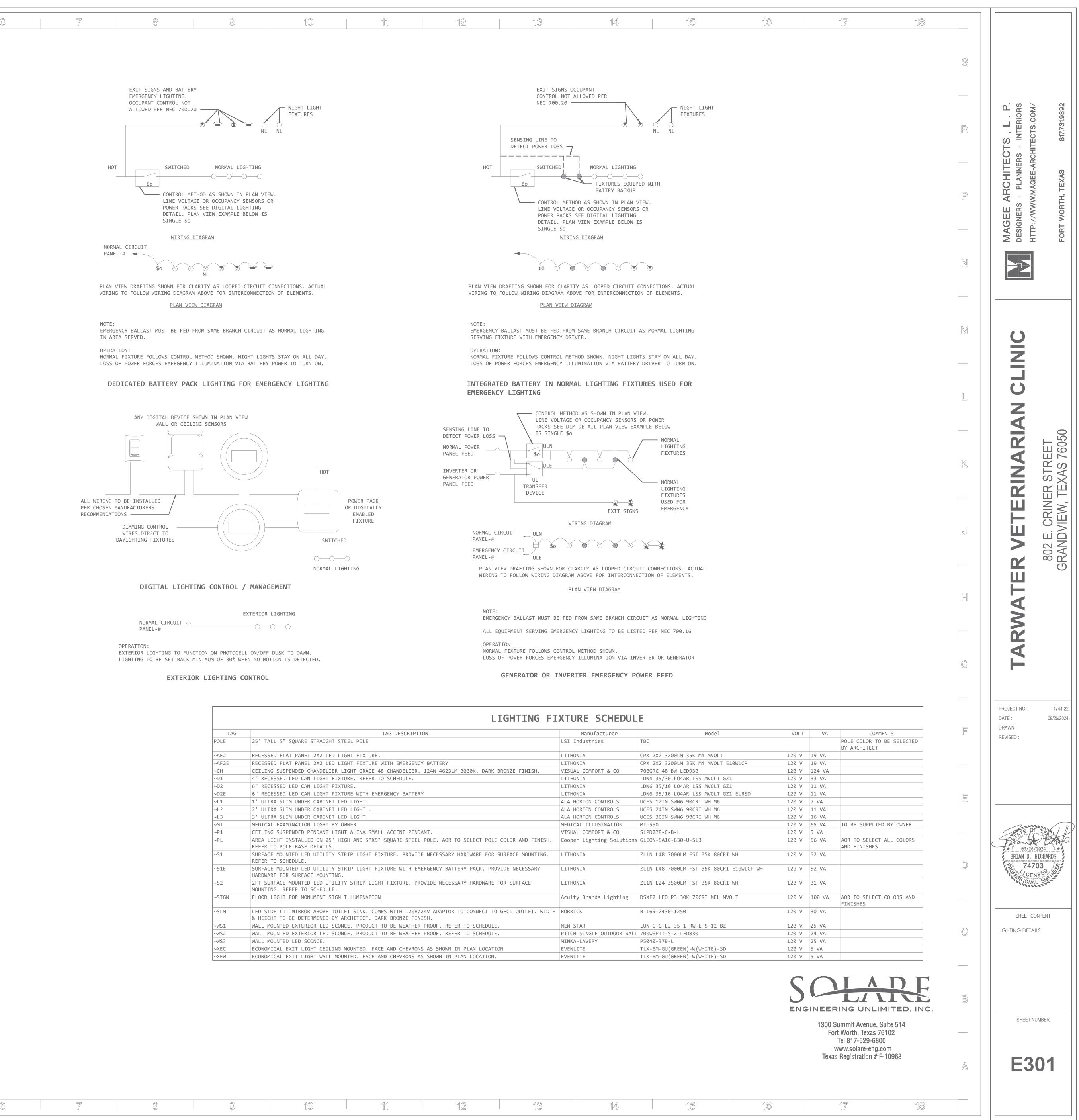




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	LIGHTING FI	XTURE SCHEDUL	.E			
TAG	TAG DESCRIPTION	Manufacturer	Model	VOLT	VA	COMMENTS
POLE	25' TALL 5" SQUARE STRAIGHT STEEL POLE	LSI Industries	ТВС			POLE COLOR TO BE SELECTED BY ARCHITECT
~AF2	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE.	LITHONIA	CPX 2X2 3200LM 35K M4 MVOLT	120 V	19 VA	
~AF2E	RECESSED FLAT PANEL 2X2 LED LIGHT FIXTURE WITH EMERGENCY BATTERY	LITHONIA	CPX 2X2 3200LM 35K M4 MVOLT E10WLCP	120 V	19 VA	
~CH	CEILING SUSPENDED CHANDELIER LIGHT GRACE 48 CHANDELIER. 124W 4623LM 3000K. DARK BRONZE FINISH.	VISUAL COMFORT & CO	700GRC-48-BW-LED930	120 V	124 VA	
~D1	4" RECESSED LED CAN LIGHT FIXTURE. REFER TO SCHEDULE.	LITHONIA	LDN4 35/30 LO4AR LSS MVOLT GZ1	120 V	33 VA	
~D2	6" RECESSED LED CAN LIGHT FIXTURE.	LITHONIA	LDN6 35/10 LO4AR LSS MVOLT GZ1	120 V	11 VA	
~D2E	6" RECESSED LED CAN LIGHT FIXTURE WITH EMERGENCY BATTERY	LITHONIA	LDN6 35/10 LO4AR LSS MVOLT GZ1 ELRSD	120 V	11 VA	
~L1	1' ULTRA SLIM UNDER CABINET LED LIGHT.	ALA HORTON CONTROLS	UCES 12IN SWW6 90CRI WH M6	120 V	7 VA	
~L2	2' ULTRA SLIM UNDER CABINET LED LIGHT .	ALA HORTON CONTROLS	UCES 24IN SWW6 90CRI WH M6	120 V	11 VA	
~L3	3' ULTRA SLIM UNDER CABINET LED LIGHT.	ALA HORTON CONTROLS	UCES 36IN SWW6 90CRI WH M6	120 V	16 VA	
~MI	MEDICAL EXAMINATION LIGHT BY OWNER	MEDICAL ILLUMINATION	MI-550	120 V	65 VA	TO BE SUPPLIED BY OWNER
~P1	CEILING SUSPENDED PENDANT LIGHT ALINA SMALL ACCENT PENDANT.	VISUAL COMFORT & CO	SLPD278-C-B-L	120 V	5 VA	
~PL	AREA LIGHT INSTALLED ON 25' HIGH AND 5"X5" SQUARE STEEL POLE. AOR TO SELECT POLE COLOR AND FINISH. REFER TO POLE BASE DETAILS.	Cooper Lighting Solutions	GLEON-SA1C-830-U-SL3	120 V	56 VA	AOR TO SELECT ALL COLORS AND FINISHES
~S1	SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE.	LITHONIA	ZL1N L48 7000LM FST 35K 80CRI WH	120 V	52 VA	
~S1E	SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE WITH EMERGENCY BATTERY PACK. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING.	LITHONIA	ZL1N L48 7000LM FST 35K 80CRI E10WLCP WH	120 V	52 VA	
~S2	2FT SURFACE MOUNTED LED UTILITY STRIP LIGHT FIXTURE. PROVIDE NECESSARY HARDWARE FOR SURFACE MOUNTING. REFER TO SCHEDULE.	LITHONIA	ZL1N L24 3500LM FST 35K 80CRI WH	120 V	31 VA	
~SIGN	FLOOD LIGHT FOR MONUMENT SIGN ILLUMINATION	Acuity Brands Lighting	DSXF2 LED P3 30K 70CRI MFL MVOLT	120 V	100 VA	AOR TO SELECT COLORS AND FINISHES
~SLM	LED SIDE LIT MIRROR ABOVE TOILET SINK. COMES WITH 120V/24V ADAPTOR TO CONNECT TO GFCI OUTLET. WIDTH & HEIGHT TO BE DETERMINED BY ARCHITECT. DARK BRONZE FINISH.	BOBRICK	B-169-2430-1250	120 V	30 VA	
~WS1	WALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE.	NEW STAR	LUN-G-C-L2-35-1-RW-E-5-12-BZ	120 V	25 VA	
~WS2	WALL MOUNTED EXTERIOR LED SCONCE. PRODUCT TO BE WEATHER PROOF. REFER TO SCHEDULE.	PITCH SINGLE OUTDOOR WALL	700WSPIT-S-Z-LED830	120 V	24 VA	
~WS3	WALL MOUNTED LED SCONCE.	MINKA-LAVERY	P5040-37B-L	120 V	25 VA	
~XEC	ECONOMICAL EXIT LIGHT CEILING MOUNTED. FACE AND CHEVRONS AS SHOWN IN PLAN LOCATION	EVENLITE	TLX-EM-GU(GREEN)-W(WHITE)-SD	120 V	5 VA	
~XEW	ECONOMICAL EXIT LIGHT WALL MOUNTED. FACE AND CHEVRONS AS SHOWN IN PLAN LOCATION.	EVENLITE	TLX-EM-GU(GREEN)-W(WHITE)-SD	120 V	5 VA	

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