

Description	ΛDΓ							
## CANADARD ABBREVIATIONS  ## INTO CONTROL OF THE C			NAL ABBF	REVIATION LISTS IN EAC	H DIS	 CIPLINE'S DRAWINGS		
ARS.	ST/	ANDARD ABBR	EVIATI	ONS	2.0			
## AUGE   10 Account   10 Accou	YMBOLS		DEM	DEMOLISH, DEMOLITION		JOINT FILLER	ROW	RIGHT OF WAY
A FEMANDER    CONTROL   CO			DTL	DETAIL		KICKPLATE	RVT	RIVET
Description	)		DIA	DIAMETER	KO	KNOCKOUT	RD	ROOF DRAIN
CAMPER  DESCRIPTION  MARKET  DESCRIPTION  MARKET  DESCRIPTION  DESCRIP	M.		DSP	DISPENSER	LAB	LABORATORY	RFG	ROOFING
Gelefield   100		CENTER LINE	DTA	DOVETAIL ANCHOR	LAM	LAMINATE, (ED)	RCP	ROUND CONCRETE PIPE
MANUER		CHANNEL	DN	DOWN	LAV	LAVATORY	RB	RUBBER BASE
### PAPE		NUMBER	DT	DRAIN TILE	LH	LEFT HAND	RBL	RUBBLE STONE
FRESTRUCT AS   DA		PENNY	DWG	DRAWING	ĒΤ	LIGHT	SCH	SCHEDULE
PATE		PERPENDICULAR	DW	DUMBWAITER	LMS	LIMESTONE	SCUP	SCUPPER
## PAPER   PAPER   1975   100		PLATE	EF	EACH FACE	LL	LIVE LOAD LOCATE	STG	SEATING
## SAMPLE CLIT ### SAMPLE CLIT ### SAMPLE CLIT ### SAMPLE CLIP				EAST	LVR	LOUVER	SSK	SERVICE SINK
WILL   SEATON   SEA				ELECTRIC, (AL)	MB	MACHINE BOLT	SHT	SHEET
LEANTON:	,		EWC	ELECTRIC WATER COOLER	MFR	MANUFACTURE, (ER)	SH	SHELF, SHELVING
## CAPPUT CHARGE PLOCK ## CAPPUT CHARGE CHARGE CHARG			ELE	ELEVATION (VIEW)	MAS	MASONRY	SHU	SHUTTER, (S)
ACCES FLOOR  50 FOUNDMENT  ACCES FLOOR  50 SEA ACCES  ACCES FLOOR  50 SEA ACCES  ACCES FLOOR  ACCES FLOOR	BBREVIA BV		EMER	EMERGENCY	MAX	MAXIMUM	SIM	SIMILAR
ACCES FLOOR  COUNTY OF THE PARTY OF THE PART	F C	ABOVE FINISHED FLOOR	EQ	EQUAL	MC	MEDICINE CABINET	SL	SLEEVE
ACOUSTICAL MATTER  ACOUSTICAL MA	FL	ACCESS FLOOR ACCESS PANEL	ESC EST	ESCALATOR ESTIMATE	MDO	MEDIUM DENSITY OVERLAY	SOL SC	SOLDIER SOLID CORE
ADUSTICAL THE CAMP DAMAGE METAL CATE HAT MATERIAL SET OF SACERIC GLOSS PACERIC GLOSS P	; ;PL	ACOUSTICAL ACOUSTICAL PLASTER	EXH EXG	EXHAUST EXISTING	MBR MMB	MEMBER MEMBRANE	SP S	SOUNDPROOF SOUTH
ADACETI  ADA	T R	ACOUSTICAL TILE ACRYLIC PLASTIC	EXMP EB	EXPANDED METAL PLATE EXPANSION BOLT	MO	METAL MASONRY OPENING	SGL	SPACE, (R) SPANDREL GLASS
ADDRECATE DINGS  POC FACE OF DOMESTER  AL INFARCE  AL	)J )J	ADJACENT	EXP	EXPOSED	MM	MILLIMETER, (S)	SPL	SPECIAL
ALTERNATE	JJT SG C	AGGREGATE	FOC	FACE OF CONCRETE	MIR	MIRROR	SPH	SPLASH
AMORICA AMCHORAGE  FAST FASTER FASTENER  MID MADDING MUULDING  STD STANDARD  MID MADDING MUULDING STD STANDARD  MID MADDING MUULDING STD STORAGE FIRESBRAND FIRESBRAND FIRESBRAND MID MADDING MUULDING STD STORAGE FIRESBRAND MID MADDING MUULDING MID MADDING M	T	ALTERNATE	FOM	FACE OF MASONRY	MISC	MISCELLANEOUS	SST	STAINLESS STEEL
AMOCRET   ARCHITECTURAL   FIRE   FIREBOARD   MID   MOUNT, (ED.) (INC)   ST   STEEL	ic	ANCHOR, ANCHORAGE	FAS	FASTEN, FASTENER	MLD	MOLDING, MOULDING	STD	STANDARD
AREA DRAIN  ASPHALT TILE  FILE  FILE  FILE  ASPHALT TILE  FILE  FI	IOD RCH	ANODIZED	FBD	FIBERBOARD	MT	MOUNT, (ED), (ING)	ST	STEEL
10 AUTOMATIC	) SPH	AREA DRAIN	FIN FF	FINISH, (ED) FINISHED FLOOR ELEVATION	MULL	MULLION	SF SD	STOREFRONT
BASEMENT   FEC   PRE EXTRUSUISHER CABINET   NOM NOMINAL   SA S SUPPLY ARE DEPARTED   PRE PARTED SEA   ALIVE   PRE PARTE	JTO	AUTOMATIC	FA	FIRE ALARM	NI	NICKEL	STCO	STUCCO
BERAING   FPL   RIPEPLACE   NC NOT IN CONTRACT   SYD   SIDE WARD   REPRINTED	VN SMT	BASEMENT	FEC	FIRE EXTINGUISHER CABINET	NOM	NOMINAL	SA	SUPPLY AIR
BEARING PLATE	// RG	BEAM	FPL	FIREPLACE	NIC	NOT IN CONTRACT	SYD	SIDE YARD
BENCH MARK   FLG   FLASHING   OP OPAGUE   TRED TACKBOARD	ic L EL	BEARING PLATE	FRT	FIRE-RETARDANT	NO	NUMBER	SYN	SYNTHETIC
BEVELED	л Т	BENCH MARK	FLG	FLASHING	OP	OPAQUE	TKBD	TACKBOARD
S	/L Y				OPH	OPPOSITE HAND	TV	TELEVISION TEMPERED GLASS
BOTH SIDES	.K .KG	BLOCKING	FL	FLOW LINE	OA	OVERALL	TZ	
For the color	) S	BOTH SIDES	FJT	FLUSH JOINT	PNT	PAINT, (ED)	THR	THRESHOLD
BRICK	OT RKT RS	BRACKET	FND	FOUNDATION	PB	PANIC BAR	TOBR	TO BE REMOVED
BUILDING	RK RZ	BRICK	FS	FULL SIZE	PTR	PAPER TOWEL RECEPTOR	TPTN	TOILET PARTITION
BY OWNER	DG JR	BUILDING	FUT	FUTURE '	PRPT	PARAPET	T&G	TONGUE AND GROOVE TOP OF CONCRETE SLAB
CABINET GC GENERAL CONTRACT, (OR) PV PAVE, (D), (ING) TP TOP OF PLATE CANVAS GL GLASS, GLAZING PVMT PAVEMENT TST TOP OF STELL CARPET GLB GLASS, GLAZING PVMT PAVEMENT TST TOP OF STELL CARPET GLB GLASS GLAZING PVMT PAVEMENT TST TOP OF STELL CARPET GLB GLASS GLAZING PVMT PAVEMENT TST TOP OF STELL CARPET GLB GLASS GLAZING PVMT PAVEMENT TST TOP OF STELL CARPET GLB GLASS GLAZING PVMT PAVEMENT TST TOP OF STELL CARPET GLB GLASS GLAZING PVMT PAVEMENT TST TOP OF STELL CARPET GLB GLASS GLAZING PVMT PAVEMENT TST TOP OF STELL CARPET GLB GLB GLASS GLAZING PVMT PAVEMENT TST TOP OF STELL CARPET GLB	GL	BULLET RESISTANT GLASS	GV	GALVANIZED	PBD	PARTICLE BOARD	TC	TOP OF CURB
CASEMENT   GCMU   GLAZED CONCRETE MASONRY UNITS   PER   PERIMETER   TW   TOP OF WALL CAST STONE   GB   GRADE AND GLUED LAMINATE   PTR   PLANTER   TPG   TOP PINN	ιB ιN	CABINET CANVAS	GC GL	GENERAL CONTRACT, (OR)	PV PVMT	PAVE, (D), (ING)	TP TST	TOP OF PLATE
CAST STONE CATCH BASIN CATCH C	PT SMT	CARPET CASEMENT	GLB GCMU	GLASS BLOCK GLAZED CONCRETE MASONRY UNITS	PERF PER	PERFORATE, (ED) PERIMETER	TSF TW	TOP OF SUBFLOOR TOP OF WALL
CEILING HEIGHT   GRY   GRANITE   PLATE   TRANSOM	ST	CAST STONE	GB	GRAB BAR	PLTG	PLANTING	TOR	TO REMAIN
CEMENT   GVL	S .G IT	CEILING	GRN	GRANITE	PLA	PLASTIC	TR	TRANSOM
CERAMIC         GT         GROUT         PWD         PLYWOOD         UC         UNPERCUT           CERAMIC TLE         GRD         GUARD         PT         POINT         UNF         UNF         UNFINISHED           OF CHALKBOARD         GUT         GUTTER         PVC         POLYVINYL CHLORIDE         UNO         UNLESS NOTED OT           OF CHALKBOARD         GPL         GYPSUM LATH         PP         PORCELAIN ENAMEL         UR         UNIVELLESS NOTED OT           OF CHIMMEY         GPPL         GYPSUM TLE         PD         PONDIA, SI         UTL         UTIL         UTIL         UTIL         UTIL         UTIL         UTIL         UTIL         UTILLITY         V.J. V.J. V.J. V.J. V.J. V.J. V.J. V.J.	: I :М И	CEMENT	GVL	GRAVEL	PL	PLATE	TRNB	TURNBUCKLE
CHALKBOARD CHAMBER CHONINA CHARLALL CHAMBER CHAMBER CHAMBER CHAMBER CHAMBER CHAMBER CH	R	CERAMIC	GT	GROUT	PWD	PLYWOOD	UC	UNDERCUT
CHIMNEY CHROMIUM CHRO	IBD IAM	CHALKBOARD	GUT	GUTTER	PVC	POLYVINYL CHLORIDE	UNO	UNLESS NOTED OTHERWIS
CIRCUMFERENCE CLEARANCE CLEARANCE CLEARANCE CLEARANCE CLOSURE CLOSURE CONTED GLASS COUNTY COLUMN HOW HARDWARE HANDWARE HARDWORD HARDWOOD HARDWOOD HARDWOOD HEADER COMBINATION COUNTY COMPOSITION, COMPOSITE PC COMPRESS, (ED), (10N), (1BLE) COMPRESS, (ED), (10N), (1BLE) CONCRETE CONCRETE CONCRETE MASONRY UNIT CONCRETE MASONRY UNIT CONTROLE, CONTRACTOR NOT CONTROLE, CONTRACTOR INCAN NICAN NIC	IIM E	CHROMIUM	GPT	GYPSUM TILE	PD	PORTLAND CEMENT PLASTER POUND,(S)	VJ	V-JOINT
CLOSURE COATED GLASS HDW HARDWARE COLUMN HWD HARDWOOD PFB PREFABRICATE, (ED) VIN VINYL BE COMMON HTO HEADER PFN PREFINISHED VB VINYL COMPOSITIO TO COMPOSITION, COMPOSITE HD HEAVY DUTY PT PRESSURE TREATED VG VINYL FABRIC COMMON HTO HEATING/AIR CONDITIONING PREM PREMOULDED VF VINYL FABRIC VINYL FABRIC VINYL FABRIC VICT VICT VICT VICT VICT VICT VICT VICT	₹ ₹C	CIRCUMFERENCE	HC	HANDICAP	PLF	POUNDS PER CUBIC FOOT POUNDS PER LINEAR FOOT	VAR	VARNISH
COLUMN COMBINATION COMBINATION COMBINATION COMBINATION COMMON HTG HEADER PFN PREFINISHED VB VINYL BASE COMMON HTG HEATING/ENTILATING/AIR CONDITIONING PRF PREFORMED VCT VINYL COMPOSITIO VF VINYL FABRIC PRF PREFORMED VF VINYL FABRIC VT VINYL FABRIC PT PRESSURE TREATED VT VINYL FILE PC COMPRESS, (ED), (ION), (IBLE) HT HEIGHT CONCRETE HPT HIGH POINT CORE N CONCRETE MASONRY UNIT CONCRETE MASONRY UNIT N CONNECTION N CONSTRUCTION HOR HOR HOR HORE TONITIVE, CONTINUOUS TONITIVE, CONTINUOUS TONITIVE, CONTINUOUS TONITIVE, CONTINUOUS TONITIVE, CONTINUOUS TONITIVE, CONTRACTOR CONTROL JOINT TONITIVE, CONTRACTOR TONITIVE, CONTRACTOR TONITIVE, CONTRACTOR TONITIVE, CONTROL JOINT TONITIV	R S	CLOSURE	HBD	HARDBOARD	PSI	POUNDS PER SQUARE INCH	VERT	VERTICAL
COMMON HTG HEATING PT COMPARTMENT PT COMPARTMENT PO COMPOSITION, COMPOSITE PO COMPOSITION, COMPOSITE PO COMPOSITION, COMPOSITE PO COMPRESS, (ED), (ION), (IBLE) P COMPRESS, (ED), (ION) P PT PRESSURE TREATED P PREFORMED P PRESSURE SESSION P PREFORMED P PRE	SL DL DMB	COLUMN	HWD	HARDWOOD	PFB	PREFABRICATE, (ED)	VIN	VINYL
PO COMPOSITION, COMPOSITE HD HEAVY DUTY PT PRESSURE TREATED VT VINYL TILE PROPERTY LINE VICP VITREOUS CLAY PIL PROPERTY LINE VICT VITREOUS CLAY PIL PROPERTY LINE VICT VITREOUS CLAY PIL VITREOU	OMB OMPT	COMMON	HTG	HEATING	PRF	PREFORMED	VCT	VINYL COMPOSITION TILE
C CONCRETE MASONRY UNIT HOR HOLLOW CORE RBT RABBET, REBATE WSCT WAINSCOT ONNECTION HOR HORIZONTAL RADDUS MH WALL HUNG ST CONSTRUCTION HB HOSE BIBB RT RAFTER WC WATER CLOSET TO CONTINUOUS INCAN INCANDESCENT RL RAIL, (ING) WP WATER PRAOFING CONTRACT, CONTRACTOR INCIN INCIN INCLIDER, (ED), (ING) REF REFER, (ENCE) WR WATER RESISTANT COPPER ID INSIDE DIAMETER RFL REFLECT, (ED), (IVE), (OR) WS WATER STOPN CORNER GUARD INSC INSULATING CONCRETE REG REGISTER WWF WELDED WIRE FAB COUNTERSINK INT INTERMEDIATE REG REG REGISTER WWF WELDED WIRE FAB COUNTERSINK INT INTERMEDIATE REM REFLECT (ED), (ING) WE WELDED WIRE FAB COUNTER INTO INTERMEDIATE REM REMOVE WHIS WHEEL STOP COURSE INTO INTO INTO INTO INTO INTO INTO INTERMEDIATE REM REGION WHITE WHIS WATER RESISTOR WE WELDED WIRE FAB COUNTER INTO INTERMEDIATE REM REMOVE WIND WINDOW CUBIC FOOT INV INVERT RESISTOR REGURED WIN WINDOW WIRED GLASS	MPO MPO MP	COMPOSITION, COMPOSITE	HD	HEAVY DUTY	PT	PRESSURE TREATED	VT	
N CONNECTION HOR HORIZONTAL RAD RADIUS WH WALL HUNG SET CONSTRUCTION HB HOSE BIBB RFT RAFTER WC WATER CLOSET RL RAIL (ING) WHTR WATER HEATER RESISTANT CONTRACT, CONTRACT, CONTRACTOR INCIN INCINERATOR REC RECESS. (ED) WP WATERPROOFING CONTROL JOINT INCL INCLUDE, (ED), (ING) REF REFER, (ENCE) WR WATER RESISTANT COPPER ID INSIDE DIAMETER RFL REFLECT, (ED), (IVE), (OR) WS WATERSTOP CORNER GUARD INS INSULATE, (ED), (ING) REFR REFRIGERATOR WST WEATHERSTRIP, (II R CORRUGATED INSC INSULATING CONCRETE REG REGISTER WWF WELDED WIRE FAB COUNTER INT INTERIOR RECOUNTERSINK INT INTERIOR RECOUNTERSINK INT INTERIOR RECOUNTERSINK INT INTERIOR RECOUNTER REM REMOVE WHS WHEEL STOP COURSE INTO INV INVERT REGISTANT REQUIRED WIN WINDOW CUBIC FOOT INV INVERT REGISTANT REQUIRED WIN WINDOW CUBIC FOOT WIN WINDOW WERE GLASS	NC IU	CONCRETE CONCRETE MASONRY UNIT	HPT	HIGH POINT	QT	QUARRY TILE RABBET, REBATE	VICT WSCT	VITREOUS CLAY TILE WAINSCOT
T CONTINUE, CONTINUOUS INCAN INCAN INCANDESCENT R CONTRACT, CONTRACTOR INCIN INCINERATOR REC RECESS. (ED) WHTR WATER HEATER REC RECESS. (ED) WHO WATERPROPING CONTROL JOINT INCL INCLUDE, (ED), (ING) REF REFER, (ENCE) WR WATER RESISTANT COPPER ID INSIDE DIAMETER RFL REFLECT, (ED), (IVE), (OR) WS WATERSTOP CORNER GUARD INS INSULATE, (ED), (ING) REFR REFRIGERATOR WST WEATHERSTRIP, (II RECOUNTER INSC INSULATING CONCRETE REG REGISTER WWF WELDED WIRE FAB COUNTER INST INSULATING GLASS REIN REINFORCE, (ED), (ING) W WEST COUNTERSINK INT INTERIOR RECP REINFORCED CONCRETE PIPE WHS WHEEL STOP COURSE INTM INTERMEDIATE REM REMOVE WID WIDTH, WIDE CUBIC FOOT INV INVERT REQ'D REQUIRED WIN WINDOW GUBIC FASS RESILIENT WG WIRED GLASS	NN NST	CONNECTION CONSTRUCTION	HOR HB	HORIZONTAL HOSE BIBB	RAD RFT	RADIUS RAFTER	WH WC	WALL HUNG WATER CLOSET
CONTROL JOINT INCL INCLUDE, (ED), (ING) REF REFER, (ÈNČE) WR WATER RESISTANT COPPER ID INSIDE DIAMETER RFL REFLECT, (ED), (IVE), (OR) WS WATER STOPN WS WATER STOPN WS WATER STOPN WS WATER STOPN, (IVE), (OR) WS WATER STOPN, (IVE), (IVE), (OR) WS WATER STOPN, (IVE), (IVE), (IVE), (OR) WS WATER STOPN, (IVE), (IV	ONT ONTR	CONTINUE, CONTINUOUS CONTRACT, CONTRACTOR	INCAN INCIN	INCANDESCENT	RL REC	RAIL, (ING) RECESS. (ED)	WHTR WP	WATER HEATER WATERPROOFING
R CORRUGATED INSC INSULATING CÓNCRÉTE REG REGISTER WWF WELDED WIRE FAB COUNTER IGL INSULATING GLASS REIN REINFORCE, (ED), (ING) W WEST COUNTERSINK INT INTERIOR RECP REINFORCED CONCRETE PIPE WHS WHEEL STOP COURSE INTM INTERMEDIATE REM REMOVE WID WIDTH, WIDE CUBIC FOOT INV INVERT REQ'D REQUIRED WIN WINDOW CUBIC YARD JC JANITOR'S CLOSET RES RESILIENT WG WIRED GLASS	R	COPPER	INCL ID	INCLUDE, (ED), (ING) INSIDE DIAMETER	REF RFL	REFER, (ENCÉ) REFLECT, (ED), (IVE), (OR)	WS	WATER RESISTANT WATERSTOP
COUNTERSINK INT INTERIOR RECP REINFORCED CONCRETE PIPE WHS WHEEL STOP COURSE INTM INTERMEDIATE REM REMOVE WID WIDTH, WIDE CUBIC FOOT INV INVERT REQ'D REQUIRED WIN WINDOW CUBIC YARD JC JANITOR'S CLOSET RES RESILIENT WG WIRED GLASS	RR PRR	CORRUGATED	INSC	INSULATING CONCRÈTE	REG	REGISTER	WWF	WEATHERSTRIP, (ING) WELDED WIRE FABRIC
CUBIC FOOT INV INVERT REQ'D REQUIRED WIN WINDOW CUBIC YARD JC JANITOR'S CLOSET RES RESILIENT WG WIRED GLASS	TR S RS	COUNTERSINK	INT	INTERIOR	RECP	REINFORCED CONCRETE PIPE	WHS	WHEEL STOP
THE TRANSPORT OF THE PROPERTY AND THE TRANSPORT OF THE TR	κδ -Τ ′D	CUBIC FOOT	INV	INVERT	REQ'D	REQUIRED	WIN	WINDOW
DAMPER RETURN AIR WO WITHOUT	PR >	DAMPER	JC	UNIVITORIO GEOGET	RET	RETURN	WM	WIRE MESH

# THE LEARNING EXPERIENCE

## ACADEMY OF EARLY EDUCATION

# **ARBORWALK WEST** LEE'S SUMMIT, MISSOURI 64082

STATE NET ACTIVIL DATIG CHIED W.C. TELCHED A.C.								
ROOM	REQUIRED S.F.( 35 S.F. PER CHILD)	NET* S.F.	ACTUAL S.F.	RATIO CHILD PER S.F.	# OF CHILDREN	# OF TEACHERS	TEACHER RATIO	AGE GROUP
NFANT A	360	442	496	1/45	8	2	1/4	6 WK-12 MO.
NFANT B	360	420	474	1/45	8	2	1/4	6 WK-12 MO.
ODDLERS A	360	360	414	1/45	8	2	1/4	12-23 MO.
ODDLERS B	315	334	388	1/45	7	2	1/4	12-23 MO.
WADDLERS	560	563	612	1/35	16	2	1/8	24-30 MO.
PREPPERS	560	564	612	1/35	16	2	1/8	30-36 MO.
PRE-SCHOOL #1	700	706	718	1/35	20	2	1/10	3-5 YRS.
PRE-SCHOOL #2	700	703	715	1/35	20	2	1/10	3-5 YRS.
PRE-SCHOOL #3	630	642	654	1/35	18	2	1/10	3-5 YRS.
//BB/PRE-SCHOOL	700	700	712	1/35	20	2	1/10	3-5 YRS.
PRE K-K	560	562	582	1/35	16	1	1/16	5-6 YRS.
OTALS		5,996			157	21		

#### SUBMITTALS:

IT IS THE GENERAL CONTRACTOR'S (GC) RESPONSIBILITY TO SECURE AND REVIEW ALL SHOP DRAWINGS INDICATED FOR REVIEW BY THE CONSTRUCTION DOCUMENTS. IT IS EXPECTED THAT THE GC IS TO PROVIDE THEIR STAMP OF APPROVAL CERTIFYING THAT THEY HAVE COORDINATED AND VERIFIED ALL DIMENSIONS AND MATERIALS ALONG WITH THE COORDINATION OF ANY ADDITIONAL INFORMATION AFFECTING THE INSTALLATION, INCLUDING THE ACTUAL FIELD CONDITIONS. SHOP DRAWINGS NOT COMPLYING WILL NOT BE REVIEWED AND WILL BE SENT BACK TO THE GC FOR RESUBMITTAL IN ACCORDANCE WITH THIS REQUIREMENT. SHOP DRAWING RESUBMITTALS ARE TO INCLUDE ANY AND ALL CHANGES REQUESTED IN PREVIOUS REVIEWS, CLOUDING SAME AND PROVIDING A REVISION NUMBER. THE GC IS NOT TO PROCEED WITH ANY WORK OR FABRICATION UNTIL THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY THE ARCHITECT. THE ARCHITECT WILL NOT ACCEPT ANY CHARGES FROM THE GC OR THEIR SUB-CONTRACTORS BASED ON THE REQUIRED RESUBMITTAL REQUESTED, AND MUST CLEARLY EXPLAIN THIS TO THEIR SELECTED SUB-CONTRACTOR BEFORE ENGAGING THEM AS PART OF THEIR TEAM.

OWNER/DEVELOPER:	<b>CIVIL ENGINEER:</b>
JOHN MARTIN, CONSULTANT	SAM MALINOWSKY
IMM CONSULTING, LLC, CONS.	SM ENGINEERING
TO: CHRISTIE DEVELOPMENT	5507 HIGH MEADOW CIRC
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#### DEFERRED SUBMITTALS (PREPARED BY OTHERS)

SPRINKLER SHOP DRAWINGS FIRE ALARM SHOP DRAWINGS TRUSS SHOP DRAWINGS

## SCHEDULE OF DRAWINGS

TITLE SHEET

	11122 011221
T-200	SPECIFICATIONS
T-201	SPECIFICATIONS
T-202	SPECIFICATIONS
T-203	SPECIFICATIONS
T-204	SPECIFICATIONS
T-205	SPECIFICATIONS
T-206	SPECIFICATIONS
T-207	SPECIFICATIONS
T-208	SPECIFICATIONS
T-209	SPECIFICATIONS
T-300	LIFE SAFETY DATA AND EGRESS PLAN
T-400	ACCESSIBILITY & TACTILE SIGNAGE DETAIL
T-500	ENERGY COMPLIANCE REPORT
T 504	ENERGY COMPLIANCE DEPORT

ENERGY COMPLIANCE REPORT **ENERGY COMPLIANCE REPORT** ENERGY COMPLIANCE REPORT ENERGY COMPLIANCE REPORT ENERGY COMPLIANCE REPORT

ARCHITECTURAL SITE PLAN

CIVIL (BY OTHERS)

SP-102 SITE DETAILS

#### **ARCHITECTURAL**

CONSTRUCTION PLAN DIMENSION PLAN REFLECTED CEILING PLAN ROOF PLAN

ROOF DETAILS ROOF DETAILS FLOOR FINISH PLAN WALL FINISH PLAN EXTERIOR ELEVATIONS BUILDING SECTION WALL SECTIONS WALL SECTIONS WALL SECTIONS

DETAILS

DETAILS

A-082

PARTITION TYPES AND DETAILS TOILET ROOM PLANS AND DETAILS DOOR SCHEDULE AND DETAILS DOOR HARDWARE SCHEDULE WINDOW SCHEDULES CUBBIES ELEVATIONS AND DETAILS A-132 MILLWORK ELEVATIONS AND DETAILS MILLWORK ELEVATIONS AND DETAILS

PANTRY ELEVATIONS AND DETAILS A-135 RECEPTION AREA ELEVATIONS AND MAIN ENTRY DETAILS PLAYGROUND AREA DETAILS A-152 PLAYGROUND AREA DETAILS A-161 SIGNAGE DETAILS

STRUCTURAL

FOUNDATION PLAN ROOF FRAMING PLAN WALL ELEVATIONS FOUNDATION SECTIONS S-300 FRAMING SECTIONS FRAMING SECTIONS

MEPFP GENERAL NOTES

MECHANICAL, ELECTRICAL, PLUMBING, & FP-001 FIRE PROTECTION GENERAL NOTES

#### **MECHANICAL**

M-100 HVAC GENERAL NOTES HVAC ABBREVIATIONS, SPECIFICATIONS AND SYMBOL LIST HVAC PLAN

HVAC ROOF PLAN M-300 HVAC SCHEDULES AND RISER DIAGRAM HVAC DETAILS/DIAGRAMS HVAC VENTILATION CALCULATIONS

#### **ELECTRICAL**

THE LEARNING EXPERIENCE (TLE)

210 HILLSBORO TECHNOLOGY DR.

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ELECTRICAL NOTES, LEGEND, SYMBOLS,

& ABBREVIATIONS ELECTRICAL NOTES ELECTRICAL PANEL SCHEDULES ELECTRICAL SERVICE RISER DIAGRAM ELECTRICAL POWER PLAN

MECHANICAL ROOM LAYOUT

MECHANICAL POWER PLAN ELECTRICAL ROOF POWER PLAN ELECTRICAL LIGHTING PLAN E-400 ELECTRICAL INCOMING SERVICE RISER

PLUMBING GENERAL NOTES PLUMBING ABBREVIATIONS, SCHEDULES, SPECIFICATIONS AND LEGEND COLD AND HOT WATER PLUMBING RISER

SANITARY PLUMBING RISER DIAGRAM COLD AND HOT WATER PLUMBING PLAN P-400 SANITARY PLUMBING PLAN GAS AND STORM PLUMBING PLAN

PLUMBING DIAGRAMS

#### FIRE PROTECTION

FP-100 FIRE PROTECTION GENERAL NOTES & SCHEDULES FP-200 FIRE PROTECTION PLAN

FP-300 FIRE PROTECTION DIAGRAMS

& LEGEND

FA-100 FIRE ALARM RISER, NOTES, SPECIFICATIONS FA-200 FIRE ALARM PLAN, NOTES & SYSTEM MATRIX

## CODE DATA

APPLICABLE CODES:

2018 INTERNATIONAL BUILDING CODE WITH AMENDMENTS 2018 INTERNATIONAL MECHANICAL CODE

2018 INTERNATIONAL PLUMBING CODE 2018 INTERNATIONAL FUEL GAS CODE 2018 INTERNATIONAL FIRE CODE 2017 NATIONAL ELECTRICAL CODE

ICC/ANSI A117.1-2009, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

LOT: #3 ARBOR WALK WEST, LEE'S SUMMIT, MO SITE DATA:

GENERAL DESCRIPTION: CHILD CARE USE, 1 STORY BUILDING BUILDING USE GROUPS: I-4 (CHILD DAY CARE) (I-4/E FOR 2 STORY)

CONSTRUCTION CLASSIFICATION:

**LOCATION MAP** 

VB (UNPROTECTED, UNRESTRICTED)

FIRE SPRINKLERS FULL AUTOMATIC SPRINKLER SYSTEM

**BUILDING AREA** 36,000 S.F. (FOR I-4) 10,000 SQ. FT BUILDING HEIGHTS: ALLOWABLE PROVIDED 2 (SECTION 504.4) STORIES 1 STORIES

2 PER ROOM WITH MORE THAN 10 OCCUPANTS

60 FEET (SECTION 504.3) NUMBER OF EXITS: PROVIDED REQUIRED 2 EXITS 2 PER STORY (TABLE 1006.3.2)

OCCUPANCY ALLOWABLE PROVIDED TABLE 1004.5 DAY CARE: MIN. OF 1 OCC: 35 SQ. FT. 180 TOTAL OCCUPANTS

5,996 / 35 NET SQ. FT. = 171 OCC.

SEC. 1005.3 3 EXIT DOORS X 34" = 102 170 x 0.2" = OCC. 180x0.2 = 36", 102" provided

PER STATE LICENSING 180 OCC. (ACTUAL; REFER TO LICENSING CALCS THIS PAGE)

EGRESS WIDTH: REQUIRED PROVIDED 72" TYP. CORRIDOR WIDTH 180 OCC. (SEE ABOVE) X 0.2 = 36" 44" MIN. CORRIDOR WIDTH (TABLE 1020.2) FIRE RATINGS: BUILDING ELEMENT REQUIRED PROVIDED 0 HOURS STRUCTURAL FRAMING 0 HOURS BEARING WALLS 0 HOURS

0 HOURS 0 HOURS NON-BEARING WALLS FLOOR CONST. 0 HOURS 0 HOURS 0 HOURS 0 HOURS EXTERIOR WALLS 0 HOURS 0 HOURS CORRIDOR 0 HOURS

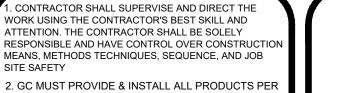
MAX. COMMON PATH REQUIRED PROVIDED OF EGRESS TRAVEL: LESS THAN 75 FT. 75 FT. (TABLE 1006.2.1)

EXIT ACCESS REQUIRED MAXIMUM: I-4 OCCUPANCY (TABLE 1017.2) = 200 FT LESS THAN 200 FT TRAVEL DISTANCE:

PLUMBING **ELEMENT** REQUIRED (I-4) PROVIDED WATER CLOSET 12 (GENDER NEUTRAL) FIXTURE COUNT: 1 PER 15 = 12 12 (GENDER NEUTRAL) LAVATORY 1 PER 15 = 12 DRINKING FOUNTAIN 1 PER 100 = 2 2 EXTERIOR

PROJECT SITE

ARBORWALK WEST, LEE'S SUMMIT, MO



2. GC MUST PROVIDE & INSTALL ALL PRODUCTS PER PLANS. ONLY SUBSTITUTED PRODUCTS NEED TO B SUBMITTED TO THE ARCHITECT FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED A

3. VERBAL REPRESENTATION HAS NO VALUE AND AL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT & TLE FOR APPROVAL.

21'-8"

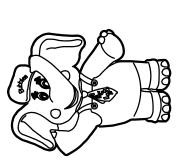
2 EXITS PER ROOM



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PROFESSIONAL CERTIFICATION MATTHEW B. JARMEL, AIA, MBA

LICENSE NUMBER: A2017014316

Project Number:	Scale:	ļ
TLEMO22-164	AS NOTED	
Drawn By:	Approved By:	
	MBJ	

TITLE SHEET

Drawing Name:



## LEGEND:

PRIMARY EGRESS PATH (PEP)

SECONDARY EGRESS PATH (SEP)

START POINT (PEP)

START POINT (SEP)

BUILDING STANDARD CEILING MOUNTED ILLUMINATED EXIT SIGN WITH BATTERY BACKUP. SHADING INDICATES ILLUMINATED FACE AND ARROW INDICATES DIRECTION OF EGRESS. MOUNT ON UNDERSIDE OF SOFFIT WHERE REQUIRED FOR INTENDED VISIBILITY

• FE-X FIRE EXTINGUISHER; WALL HUNG, BRACKET FE-1 = 5lb B:C, FE-2 = 10lb A:B:C (1 PER 3,000 SQ.FT.) MANUFACTURER: JL COSMIC BRACKET COLOR: WHITE INSPECTION TAGS REQUIRED FOR ALL FIRE EXTINGUISHERS

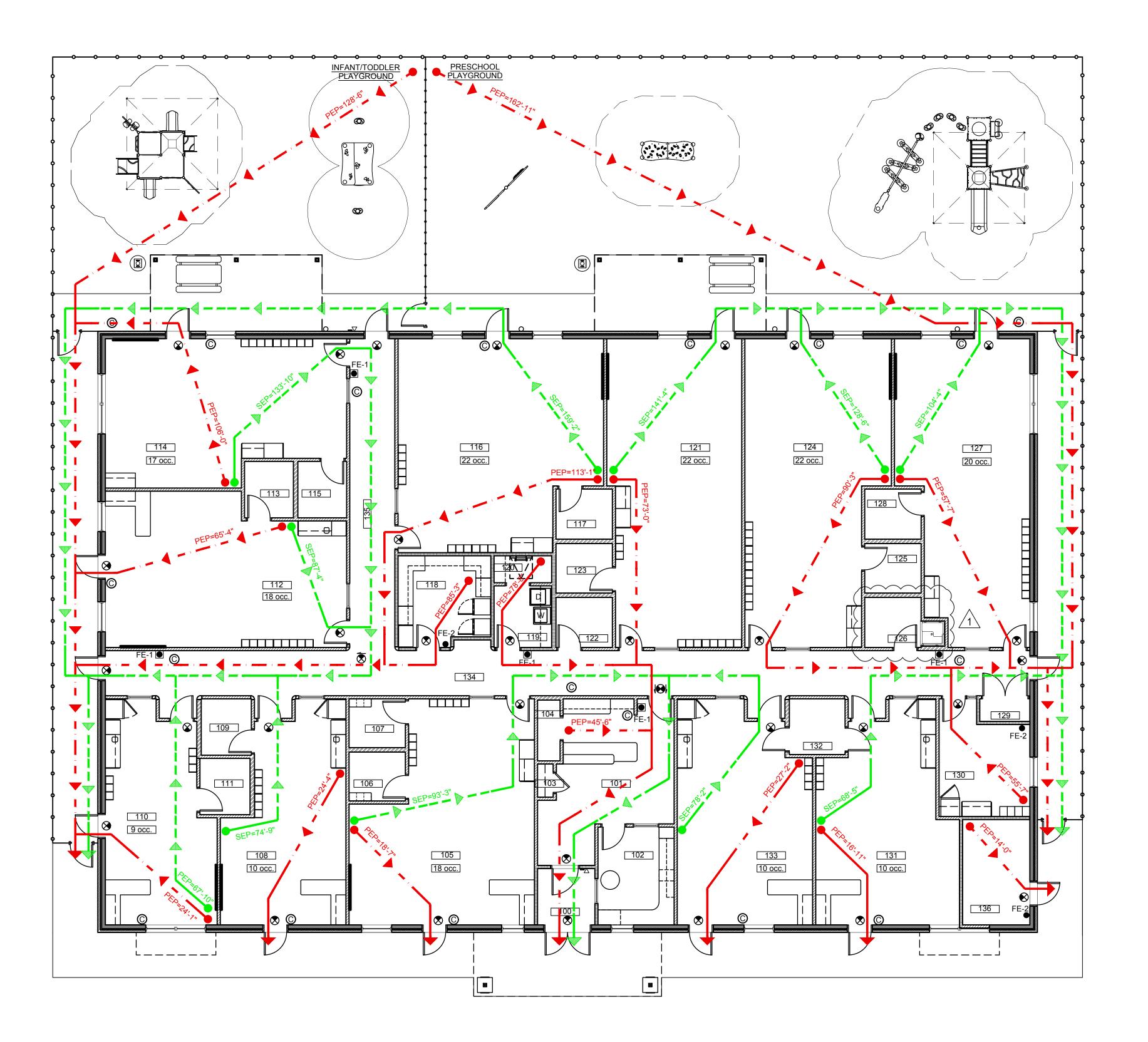
● FE-X FIRE EXTINGUISHER, WALL HUNG, SEMI-RECESSED CABINET FE-1 = 5lb B:C, FE-2 = 10lb A:B:C (1 PER 3,000 SQ.FT.) MANUFACTURER: JL COSMIC MODEL: 1017F10 WITH ROUNDED CORNERS CABINET COLOR: WHITE

INSPECTION TAGS REQUIRED FOR ALL FIRE EXTINGUISHERS

#### EXIT ACCESS TRAVEL DISTANCE

## **EGRESS DOOR WIDTH CHART**

ROOM NAME	ROOM NUMBER	REQUIRED EXIT WIDTH	PROVIDED EXIT WIDTH
RECEPTION	101	38	38
OFFICE	102	34	34
PRE-SCHOOL #1	116	34	68
PRE-SCHOOL #2	124	34	68
PRE-SCHOOL #3	127	34	68
PANTRY	118	34	34
LOUNGE	130	34	34
PRE-K-K	114	34	68
PREPPERS	105	34	68
MBB/PRE-SCHOOL	121	34	68
TWADDLERS	112	34	68
TODDLER A	108	34	68
TODDLER B	110	34	68
INFANT A	133	34	68
INFANT B	131	34	68
LAUNDRY	119	34	34
MECH.	136	34	34





1. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTIO MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY

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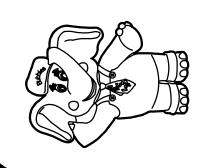
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Drawn By:	Approved By:
OK	MBJ

LIFE SAFETY DATA **AND EGRESS PLAN** 

Г-300

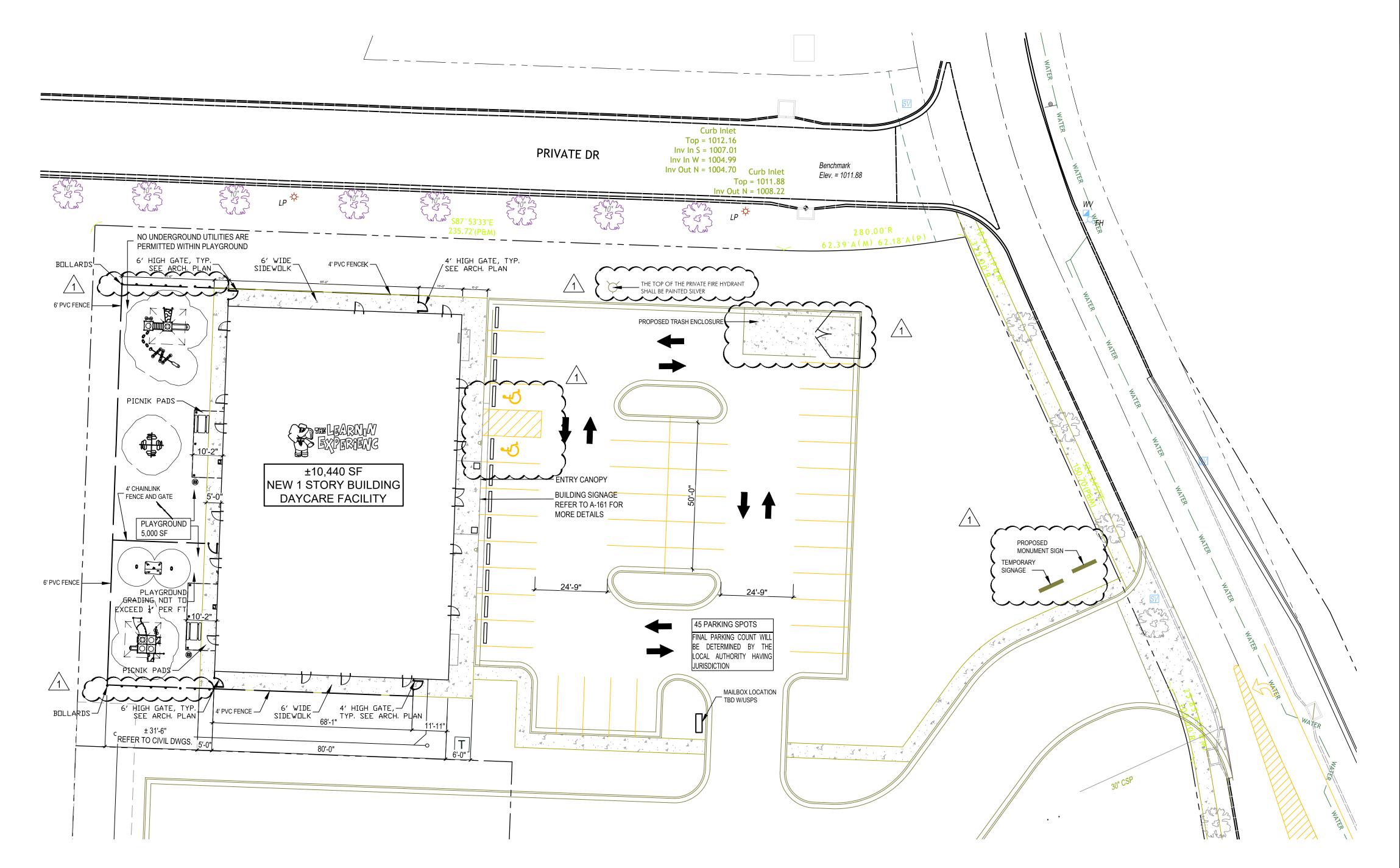


## ARCHITECTURAL SITE PLAN GENERAL NOTES:

1. THIS ARCHITECTURAL SITE PLAN IS NOT INTENDED FOR PLANNING OR ZONING REVIEW, AND IS PROVIDED FOR COORDINATION PURPOSES ONLY. ALL SITE DESIGN SHALL BE CONFIRMED WITH AND COMPLETED PER THE APPROVED CIVIL SITE DRAWINGS AS PREPARED BY:

> SAM MALINOWSKY SM ENGINEERING 5507 HIGH MEADOW CIRCLE MANHATTAN KANSAS, 66503 785.341.9747 SMCIVILENGR@GMAIL.COM

- 2. THE G.C. SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, COMPLIANCE WITH APPLICABLE ORDINANCES AND JURISDICTIONAL JOB SITE REQUIREMENTS, AND FOR COORDINATING ALL PORTIONS OF THE PHASED WORK UNDER THE CONTRACT UNLESS OTHER SPECIFIC INSTRUCTIONS CONCERNING THESE MATTERS HAVE BEEN PROVIDED THROUGH THE DEVELOPER.
- 3. REFER TO THE CIVIL DRAWINGS FOR ALL SITE DIMENSIONS, GRADING AND EROSION CONTROL, UTILITY INFORMATION, LANDSCAPE AND IRRIGATION DESIGN AND ALL OTHER REQUIRED SITE RELATED IMPROVEMENTS.
- 4. PRIOR TO PROCEEDING WITH ROUGH GRADING, THE G.C. SHALL COORDINATE CIVIL GRADES WITH ELEVATIONS SPECIFIED AS PART OF THE ARCHITECTURAL SCOPE OF WORK (INCLUDING, BUT NOT LIMITED TO COMPARISON OF TOP OF FINISH GRADES AT PERIMETER OF BUILDING, FLAT WORK AND ADJOINING SITE AREAS). ALL QUESTIONS SHALL BE SUBMITTED IN WRITING TO THE CIVIL ENGINEER AND ARCHITECT PRIOR TO START OF WORK.
- 5. THE G.C. SHALL ROUGH GRADE AND RE-COMPACT BUILDING PADS PER THE SOILS REPORT AS PART OF THE SITE SCOPE OF
- 6. ALL GRADING AND CONCRETE PAVING SHALL SLOPE AWAY FROM THE BUILDING. CONTACT THE DEVELOPER, ARCHITECT AND CIVIL ENGINEER IN WRITING REGARDING ANY AREAS THAT CANNOT SLOPE AWAY DUE TO EXISTING CONDITIONS.
- 7. THE G.C. SHALL VERIFY ALL SITE DIMENSIONS TO APPLICABLE BOUNDARIES AND SETBACK INFORMATION WITH PARCEL MAP ALTA SURVEY OF RECORD AND NOTIFY OWNER, ARCHITECT, AND CIVIL ENGINEER IN WRITING OF ANY QUESTIONS IN THIS REGARD.
- 8. THE G.C. SHALL COORDINATE ALL SITE UTILITY RUNS WITH THE APPROPRIATE UTILITY COMPANIES AND PER THE APPROVED SITE PLANS. UTILITY RUNS SHALL BE STUBBED 5'-0" FROM THE BUILDING PERIMETER AT THE LOCATION INDICATED IN THE APPROVED M.E.P. DRAWINGS.
- 9. THE G.C. SHALL PROTECT EXISTING CONDITIONS TO REMAIN FROM DAMAGE. DAMAGED ITEMS SHALL BE REPLACED, REPAIRED, OR RESTORED BY THE G.C. IF, IN THE OPINION OF THE G.C., EXISTING CONDITIONS TO REMAIN WILL BE DAMAGED OR REQUIRE REMOVAL, THE GENERAL CONTRACTOR SHALL IDENTIFY THESE TO THE DEVELOPER PRIOR TO PROCEEDING WITH REMOVAL.
- 10. REFER TO CIVIL SITE PLANS FOR SITE LIGHTING TO BE COMPLETED IN DESIGN PHASE.
- 11. BOLLARDS SHALL BE PROVIDED AS VEHICLE PROTECTION TO PLAYGROUND WHERE PARKING IS ADJACENT TO PLAY AREA. BOLLARDS SHALL BE ARRANGED AT 5' O.C.; WHEN BOLLARDS ARE PLACED AS PROTECTION AT HEAD ON PARKING LOT, THEY ARE TO BE CENTERED AT EACH SPOT.





WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTIO MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB

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SITE SAFETY

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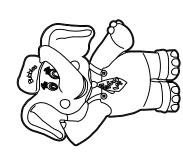


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<b>OK</b>	MBJ
Drawing Name:	

ARCHITECTURAL SITE PLAN



#### LICENSING CALCULATIONS Learning Experience Lee's Summit Missouri

	Le		penence	, Lee's Sun	iiiiii, ivii330	Juli		
ROOM	STATE REQUIRED S.F.( 35 S.F. PER CHILD)	NET* S.F.	ACTUAL S.F.	RATIO CHILD PER S.F.	# OF CHILDREN	# OF TEACHERS	TEACHER RATIO	AGE GROUP
INFANT A	360	442	496	1/45	8	2	1/4	6 WK-12 MO.
INFANT B	360	420	474	1/45	8	2	1/4	6 WK-12 MO.
TODDLERS A	360	360	414	1/45	8	2	1/4	12-23 MO.
TODDLERS B	315	334	388	1/45	7	2	1/4	12-23 MO.
TWADDLERS	560	563	612	1/35	16	2	1/8	24-30 MO.
PREPPERS	560	564	612	1/35	16	2	1/8	30-36 MO.
PRE-SCHOOL #1	700	706	718	1/35	20	2	1/10	3-5 YRS.
PRE-SCHOOL #2	700	703	715	1/35	20	2	1/10	3-5 YRS.
PRE-SCHOOL #3	630	642	654	1/35	18	2	1/10	3-5 YRS.
MBB/PRE-SCHOOL	700	700	712	1/35	20	2	1/10	3-5 YRS.
PRE K-K	560	562	582	1/35	16	1	1/16	5-6 YRS.
TOTALS		5,996			157	21		
						N. CTAFF		

\* CALCULATED LESS BUILT-IN ITEMS FIRST FLOOR 10,000 S.F.

PLAY AREA 5,000 S.F.

#### CONSTRUCTION PLAN GENERAL NOTES:

- 1. REFER TO STRUCTURAL DRAWINGS FOR ALL STRUCTURAL
- 2. TLE LOGO ARTWORK PROVIDED BY TLE (CONTACT TLE).
- 3. ALL ANGLED PARTITIONS, IF SHOWN ON FLOOR PLAN, SHALL BE 45° UNLESS NOTED OTHERWISE.
- 4. ALL OUTSIDE CORNERS WITHIN ALL ROOMS SHALL HAVE \( \frac{3}{4} \)" RADIUS PVC CORNER BEADS AT ALL CORNERS, GYPSUM BOARD WINDOW RETURNS AND COLUMNS - SEE DETAILS 2 & 3 /A-091
- 5. FOR PARTITION DESIGNATIONS REFER TO DRAWING A-012 AND DRAWING A-091 FOR PARTITION TYPE DETAILS.  $\sim\sim\sim\sim\sim\sim\sim$ MAKE BELIEVE BLVD. VINYL GRAPHIC PACKAGE TO BE PROVIDED BY WM PRINTING OR THE IDENTITY GROUP (REQUIRED). DEVELOPER/GC TO COORDINATE VINYL GRAPHIC DETAILS WITH TLE CONSTRUCTION MANAGER MBB GRAPHICS ARE PART OF A TLE BRANDED GRAPHICS PACKAGE, WHICH INCLUDES GRAPHICS IN MBB, RECEPTION, CLASSROOMS, LOUNGE, & HALLWAYS, ALL OF WHICH ARE THE RESPONSIBILITY OF THE DEVELOPER. REFER TO DRAWING A-111 FOR ENLARGED TOILET ROOM PLANS AND DRINKING FOUNTAIN DETAILS. REFER TO DRAWING P-100 FOR SPECIFICATIONS.
- 8. THE FURNITURE AND MILLWORK PLAN WILL BE PROVIDED SEPARATELY FROM THE PERMIT DRAWING SET.
- 9. ALL MILLWORK ELEVATIONS & DETAILS SEE DRAWINGS A-131, A-132, A-133, A-134, AND A-135.
- 10. FOR PANTRY SEE DRAWING A-134
- 11. FOR RECEPTION AREA ENLARGED PLANS SEE DRAWING
- 12. OUTSIDE PLAYGROUND PLANS AND DETAILS SEE DRAWINGS A-151 AND A-152
- 13. REFER TO DRAWING T-200 FOR LIST OF REQUIRED AND APPROVED VENDORS.
- 14. REFER TO SPECIFICATION DRAWINGS FOR INSTALLATION INFORMATION.
- 15. REFER TO SPECIFICATION DRAWINGS FOR ALL APPLIANCE, LOW VOLTAGE COMPONENT, AND PLAYGROUND EQUIPMENT SPECIFICATIONS.
- 16. DRYWALL CONTROL JOINTS TO BE FAS-093X BY CLARK DIETRICH (OR APPROVED EQUAL) AND SHALL BE ALIGNED WITH DOOR OR WINDOW JAMB (LEFT OR RIGHT) AT MAXIMUM INTERVALS OF 30'-0". ALSO REFER TO DETAIL 2 ON DRAWING A-042.
- 17. THE ENTIRE BUILDING SHALL BE THOROUGHLY CLEANED AT THE COMPLETION OF CONSTRUCTION.
- 18. PROVIDE EMERGENCY LOCKDOWN DEVICE AS SPECIFIED ON SHEET A-122 AND T-201.
- 19. SECURITY ALARM CONTACTS TO BE INSTALLED AT ALL EXTERIOR DOORS.
- 20. GENERAL CONTRACTOR TO REFER MILLWORK DRAWINGS AND TO CROSS REFERENCE WITH PLUMBING, ELECTRICAL AND STRUCTURAL.
- 21. FIRE EXTINGUISHERS NOT TO BE PLACED ON RECEPTION WALL DUE TO WALL GRAPHICS. VINYL GRAPHICS TO BE PROVIDED BY FAST SIGNS (REQUIRED)

## +2 ADMIN. STAFF

**CONSTRUCTION PLAN KEY NOTES:** 

- 1 CONCRETE SIDEWALK. REFER TO APPROVED SITE PLANS FOR FINISHES AND DETAILS. ENSURE SIDEWALKS ARE CLEAR OF OBSTRUCTIONS. PROVIDE FENCING AROUND ANY POTENTIAL SAFETY HAZARDS TO PREVENT ACCESS BY CHILDREN
- PROVIDE CONCRETE PAD AND CANVAS AWNING. PROVIDE PICNIC TABLES AS SHOWN. REFER TO DRAWINGS A-151 & A-152 FOR ADDITIONAL INFORMATION
- (3) 4 FT. TALL SOLID VINYL PRIVACY FENCE AND GATE. SEE DRAWING A-151 FOR MORE INFORMATION
- 6 FT. TALL SOLID VINYL PRIVACY FENCE AND GATE. SEE DRAWING A-151 FOR MORE INFORMATION
- PITTCON 6" RADIUS SO-LRT OUTSIDE CORNER WITH TANGENT FINS BY SOFTFORMS. REFER TO DETAIL 4 ON DRAWING A-091
- 6 55" TV TO BE MOUNTED VERTICALLY AT 60" AFF TO C.L. (39" AFF TO BOTTOM, 88" AFF TO TOP) WITH FLUSH-MOUNT, NON-TILT BRACKET APPROVED FOR MOUNTING IN VERTICAL ORIENTATION. PROVIDE (1) DUPLEX RECEPTACLE AND (1) DATA RECEPTACLE AT 72" AFF TO C.L. PROVIDE 2x10 BLOCKING (32" WIDE) BEHIND TV, FLUSH WITH BOTTOM OF OUTLET, AND CENTERED ON OUTLET. REFER TO DRAWING SPECIFICATIONS FOR FURTHER
- PROVIDE DVR SHELF AND (2) MONITORS; TO BE MOUNTED ON (2) WALL-MOUNTED BRACKETS WITH 2X10" BLOCKING (32" WIDE FLUSH WITH BOTTOM OF OUTLET AND CENTERED ON OUTLET. REFER TO DETAILS 1 & 2 ON DRAWING A-134. **DVR SHOULD HAVE** NO HARD DRIVE AND CANNOT RECORD
- 8 SMART BOARD PROVIDED BY FRANCHISEE AND TO BE INSTALLED BY OTHERS - REFER TO DETAILS ON DRAWING A-082
- 9 G.C. TO PROVIDE AND INSTALL (1) WIRE SHELF 16" DEEP MOUNTED AT 6'-0" A.F.F.; FASTENED DIRECTLY TO STUDS. PROVIDE 2x10 BLOCKING. REFER TO DETAIL 7 ON SHEET A-131. LAUNDRY: WALL TO WALL SHELF, ABOVE WASHER/DRYER

JAN. CL.: 3'-0" WIDE, ABOVE UTILITY SINK

- PROVIDE (5) 16" DEEP WIRE SHELVES IN THE CLOSET, WALL TO WALL. FIRST SHELF AT 20" A.F.F., THEN 34", 48", 62", & 76" A.F.F. (5 SHELVES TOTAL). PROVIDE 2x10" BLOCKING. REFER TO DETAIL 7 ON DRAWING A-131.
- 36"x36" ROOF ACCESS HATCH AND LADDER SHALL BE KEPT CLEAR OF ALL DUCTS, WIRE, CONDUITS, OR OTHER FIXED ITEMS. SEE DETAILS ON DRAWING A-032
- GUTTER DOWNSPOUT TO GRADE. CONNECT TO UNDERGROUND STORM SYSTEM. (TYP.) REFER TO DRAWING A-031, A-032 AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- (13) WATER HEATER; REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
- (14) INSTALL 1/2" THICK (MIN.), 2 1/2" TALL PRIMED WOOD CHAIR RAIL (EXAMPLE: DYKES LUMBER PROFILE #552) AT 36" A.F.F. OVER CARPETED SECTION OF ROOM IN INFANT ROOM(S) ONLY. PAINTED "W" PER DRAWING A-042.
- 15 REFER TO TYPICAL MECHANICAL ROOM LAYOUT ON DRAWING
- (16) NOT USED
- (17) STAFF LOCKERS. REFER TO DETAIL 1 ON A-131.
- (18) KEY FOB. REFER TO ELECTRICAL DRAWINGS.
- 19 CALL BOX. REFER TO ELECTRICAL DRAWINGS.
- 20) BURGLAR ALARM KEYPAD. REFER TO ELECTRICAL DRAWINGS.
- (21) FIRE ALARM CONTROL PANEL. REFER TO ELECTRICAL DRAWINGS.
- 22) DOOR RELEASE BUTTONS BY SECURITY VENDOR. REFER TO A-134 FOR DETAILS.
- (23) PROVIDE OPAQUE FILM ON INTERIOR FACE OF GLASS 3M DUSTED AND FROSTED CRYSTAL GLASS FINISH OR APPROVED EQUAL.
- (24) SECURITY ALARM CONTRACTS TO BE INSTALLED AT ALL EXTERIOR CLASSROOM DOOR & 6' PLAYGROUND GATES (REFER TO ELECTRICAL AS WELL FOR MORE DETAILS).
- 25 DF-2 (REFER TO SPEC ON PLUMBING SHEETS)

#### **CONSTRUCTION PLAN LEGEND:**

X KEYNOTE NUMBER:

ROOM NAME & NUMBER

101

-(1)-

L\_24

247

DOOR NUMBER; REFER TO DRAWINGS A-121 AND A-122 FOR DOOR SCHEDULE,

DOOR HARDWARE SCHEDULE, AND DETAILS WINDOW STYLE; REFER TO DRAWING A-123 FOR WINDOW SCHEDULE, ELEVATIONS

NUMBER OF BIN CUBBIES; REFER TO DRAWING A-131; BIN CUBBIES SHOWN FOR AREA CALCULATIONS ONLY, AND TO BE PROVIDED BY GC. EXACT LOCATIONS TO BE COORDINATED WITH TLE.

DF-1 - EXTERIOR DRINKING FOUNTAIN; REFER TO DRAWING A-111 FOR INSTALLATION DETAILS AND DRAWING P-100 FOR SPECIFICATIONS

DF-2 - INTERIOR DRINKING FOUNTAIN;

DRAWING P-100 FOR SPECIFICATIONS

BLIND SPOT MIRROR, KLEAR-VU BY BROSSARD #P-180; 18" DIAMETER CONVEX MIRRORS FOR BLIND SPOTS IN ROOMS TO BE MOUNTED @ 6" BELOW FINISH CEILING. EXACT NUMBER AND

LOCATIONS TO BE COORDINATED WITH TLE.

REFER TO DRAWING A-111 FOR INSTALLATION DETAILS AND

M BC-8 BC-10

BC-8 BC-10

PROVIDE

CONVECTION

OVENS

CEILING MOUNTED CAMERA; WITHOUT RECORDING FUNCTION. MOUNTED CAMERAS TO BE INSTALLED TO ENSURE ADEQUATE COVERAGE THROUGHOUT, INCLUDING AT THE EXTERIOR FOR THE PLAYGROUND. EXACT QUANTITY AND LOCATIONS TO BE COORDINATED WITH TLE. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.

● FE-X FIRE EXTINGUISHER; WALL HUNG, BRACKET FE-1 = 5lb B:C, FE-2 = 10lb A:B:C (1 PER 3,000 SQ.FT.) MANUFACTURER: JL COSMIC BRACKET COLOR: WHITE INSPECTION TAGS REQUIRED FOR ALL FIRE EXTINGUISHERS

LOCATION: PANTRY, LOUNGE AND MECH ROOM FE-X FIRE EXTINGUISHER; WALL HUNG, SEMI-RECESSED CABINET FE-1 = 5lb B:C, FE-2 = 10lb A:B:C (1 PER 3,000 SQ.FT.)

MOUNT CABINET WITH TOP OF DOOR AT 48" AFF

MANUFACTURER: JL COSMIC MODEL: 1017F10 WITH ROUNDED CORNERS CABINET COLOR: WHITE INSPECTION TAGS REQUIRED FOR ALL FIRE EXTINGUISHERS

PRE SCHOOL #1

LOCATION: RECEPTION (NOT LOBBY BOARD WALL) & CORRIDORS

 $8 \rightarrow$ 

MOUNT BRACKET WITH EXTINGUISHER HANDLE AT 48" AFF

LAUNDRY APPLIANCES (SIDE-BY-SIDE; TYPICAL) REFER TO APPLIANCE SPECIFICATIONS

LAUNDRY APPLIANCES (STACKABLE; ONLY IF SHOWN ON PLAN) REFER TO APPLIANCE SPECIFICATIONS STACKING KIT PER MANUFACTURER'S RECOMMENDATION

DUCTLESS DRYER (ONLY IF SHOWN ON PLAN) REFER TO APPLIANCE SPECIFICATIONS

PRE SCHOOL #2

BC-6 BC-10

(7.1)(7.2)

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(24)

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PRE-SCHOOL #3

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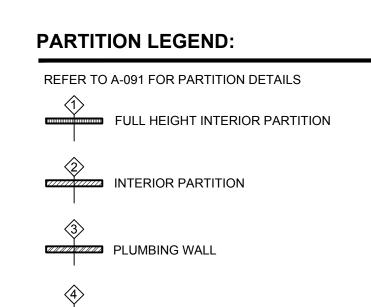
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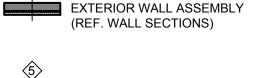
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CONSTRUCTION PLAN







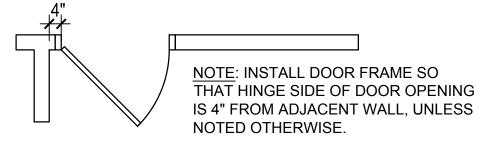


FULL HEIGHT PLUMBING WALL

# NOTE: INTERIOR WINDOWS ADJACENT TO DOORS SHALL BE INSTALLED SUCH THAT A MINIMUM OF 1'-6" WALL SPACE IS MAINTAINED BETWEEN THE DOOR FRAME AND THE WINDOW FRAME, UNLESS OTHERWISE NOTED ON THE PLAN. INSTALLATION OF LIGHT SWITCH BOX & TELEPHONE BOX REQUIRED.

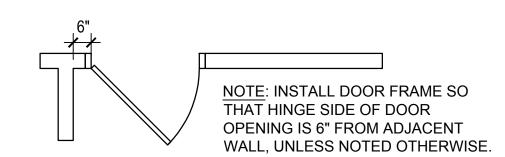
# CONSTRUCTION BETWEEN DOOR & INTERIOR WINDOW





- LOCATIONS:

   ALL TOILET ROOMS
   RECEPTION
- RECEPTIONOFFICELAUNDRYJANITOR'S CLOSET
- 3 ALT. HINGE SIDE DOOR TO WALL SCALE: N.T.S.



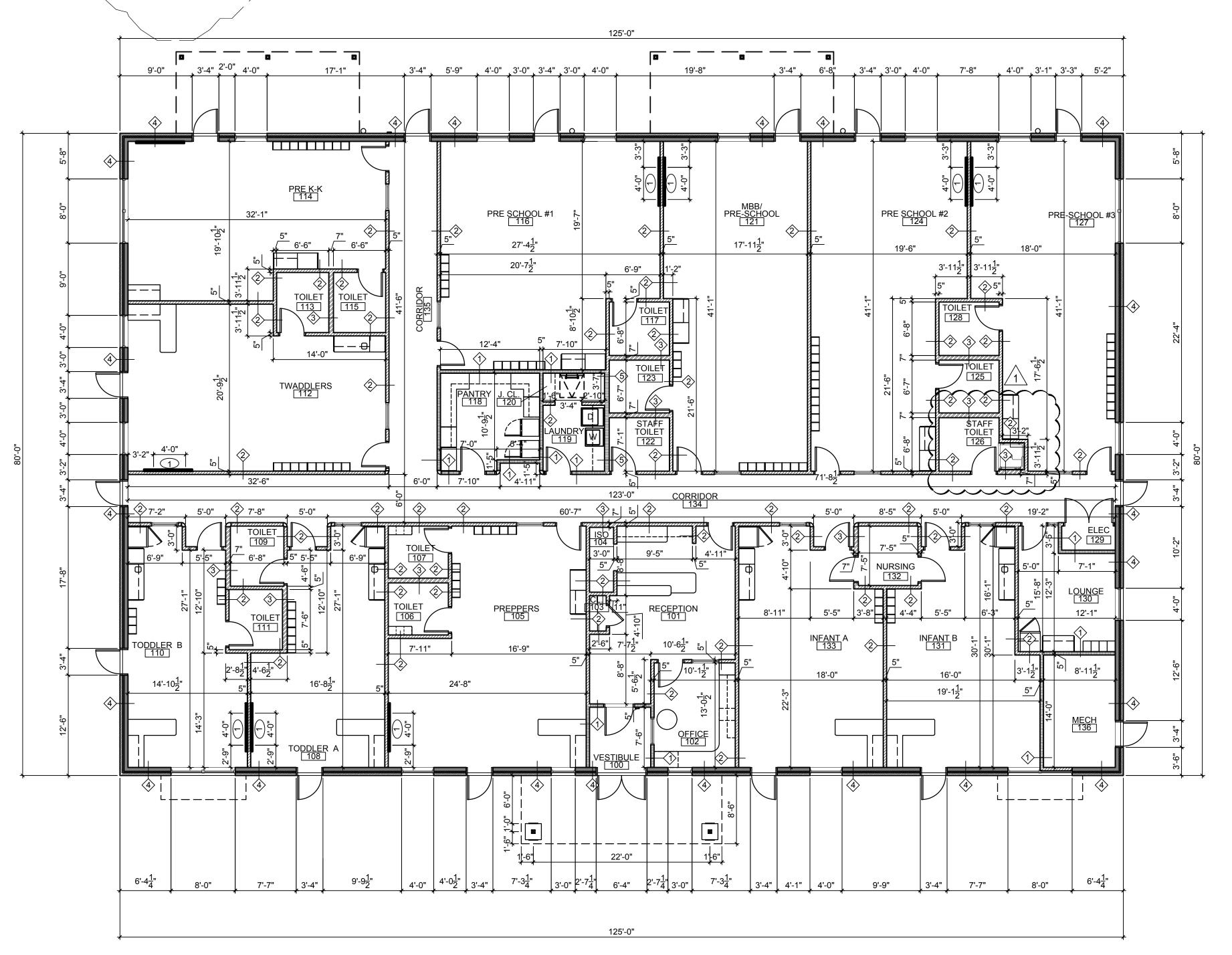


#### **GENERAL NOTES:**

- ALL DIMENSIONS SHOWN ARE MEASURED FINISH FACE
   TO FINISH FACE OF INTERIOR OR EXTERIOR WALL
   UNLESS NOTED OTHERWISE.
- 2. ALL INTERIOR WALLS ARE 5" THICK NOMINAL UNLESS OTHERWISE NOTED.
- 3. REFER TO DRAWING A-091 FOR ADDITIONAL PARTITION TYPE INFORMATION.
- 4. REFER TO DRAWING A-011 FOR ADDITIONAL GENERAL NOTES, KEY NOTES, AND SYMBOL LEGEND.
- 5. COORDINATE LOCATION OF ALL PLUMBING, ELECTRICAL WITH WALL BLOCKING FOR ALL MILLWORK ITEMS.

#### **KEY NOTES:**

DIMENSION OF BLOCKING AT SMART BOARD. REFER TO DETAIL 1 ON DRAWING A-082.





1. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB

2. GC MUST PROVIDE & INSTALL ALL PRODUCTS PER PLANS. <u>ONLY</u> SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE <u>REPLACED AT THE EXPENSE OF THE GC</u>.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, <u>MUST</u> BE SUBMITTED IN WRITING TO THE ARCHITECT & TLE FOR APPROVAL.

Jarmel Kizel

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1	06-02-23	FOR TLE REVIEW	MBJ
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3	08-14-23	PER TLE AND CODE COMMENTS	MBJ
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PROFESSIONAL CERTIFICATION

MATTHEW B. JARMEL, AIA, MBA
LICENSE NUMBER: A2017014316

Project Number:	Scale:
TLEMO22-164	AS NOTED
Drawn By:	Approved By:
OK	MBJ
Drawing Name:	•

DIMENSION PLAN

.9 . .....

A-012

MATTHEW B. JAPAGEL

NUMBER
A-2017014316

#### **REFLECTED CEILING - LEGEND:**

2'X4' ARMSTRONG 1729 FINE FISSURED, WHITE LAY IN ACOUSTIC TILE WITH SQUARE LAY-IN JOINTS. PRELUDE 15/16" EXPOSED TEE GRID OR EQUAL

2'X4' ARMSTRONG 672 KITCHEN ZONE, WHITE LAY-IN ACOUSTIC TILE WITH MYLAR FINISH AND SQUARE LAY-IN JOINTS. PRELUDE 15/16" EXPOSED TEE GRID OR EQUAL

2'X2' ARMSTRONG 584 CIRRUS, WHITE LAY-IN ACOUSTIC TILE WITH REVEAL EDGE JOINTS. PRELUDE 15/16" EXPOSED TEE GRID OR **EQUAL** 

GYPSUM BD. SOFFIT

SHOWER CEILING TO BE CONSTRUCTED WITH WATER RESISTANT

2X4 LIGHT - 2'X4' RECESSED LED LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

2X4 LIGHT - 2'X4' RECESSED LED EMERGENCY NIGHT LIGHT

FIXTURE WITH BATTERY BACK-UP. REFER TO ELECTRICAL

2X2 LIGHT - 2'X2' RECESSED LED LIGHT FIXTURE (REFER TO ELECTRICAL DRAWINGS - LIGHT FIXTURE SCHEDULE).

DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

2X2 LIGHT - 2'X2' RECESSED LED EMERGENCY NIGHT LIGHT FIXTURE WITH BATTERY BACK-UP (REFER TO ELECTRICAL DRAWINGS - LIGHT FIXTURE SCHEDULE).

LOGO SIGN - "THE LEARNING EXPERIENCE" ILLUMINATED SIGNAGE MOUNTED ON CANOPY - SEE DRAWING A-161.

WB - WALL BRACKET - LED LIGHT FIXTURE (REFER TO ELECTRICAL DRAWINGS - LIGHT FIXTURE SCHEDULE) MOUNTED @ +8'-6" AFF. PROVIDE FIXTURE WITH PROTECTIVE WIRE CAGE.

WB - WALL BRACKET - LED LIGHT FIXTURE WITH BATTERY BACK-UP

(REFER TO ELECTRICAL DRAWINGS - LIGHT FIXTURE SCHEDULE) MOUNTED @ +8'-6" AFF. PROVIDE FIXTURE WITH PROTECTIVE WIRE CAGE.

RECESSED EXTERIOR DOWN LIGHT (REFER TO ELECTRICAL DRAWINGS - LIGHT FIXTURE SCHEDULE)

EXTERIOR WALL MOUNTED LED EXIT LIGHT FIXTURE WITH DUAL EMERGENCY LAMPS. TO BE MOUNTED OVER THE MAIN ENTRANCE @ 9'-6" A.F.F. AND ALL OTHER EXTERIOR DOORS @ 9'-0" A.F.F. (REFER TO ELECTRICAL DRAWINGS - LIGHT FIXTURE SCHEDULE) FIXTURE FINISH TO BE WHITE.

CEILING MOUNTED ILLUMINATED EXIT SIGN WITH BATTERY BACK-UP. SHADING INDICATES ILLUMINATED FACE AND ARROW INDICATES DIRECTION OF EGRESS. MOUNT ON UNDERSIDE OF SOFFIT AS REQUIRED FOR INTENDED VISIBILITY

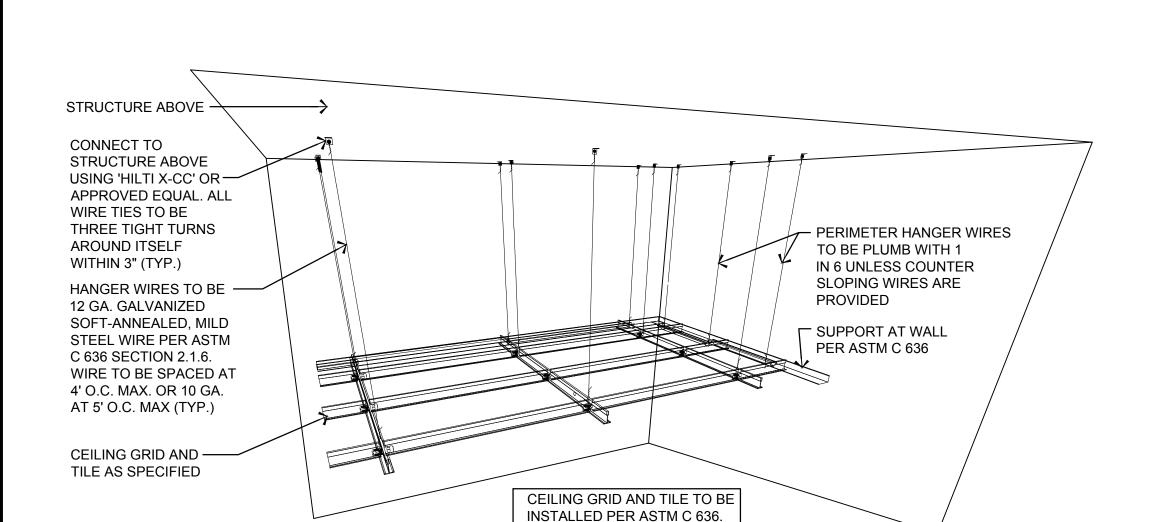
#### **REFLECTED CEILING - GENERAL NOTES:**

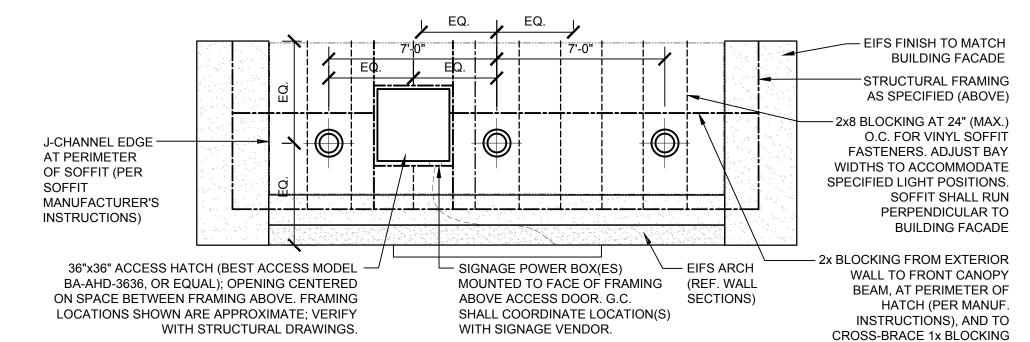
- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK ABOVE CEILING AND SHALL NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION OF CEILING GRID, GYPSUM BOARD CEILINGS
- 2. ALL GWB CEILINGS AND SOFFITS SHALL BE PAINTED WHITE (COLOR 'W' PER PAINT SCHEDULE ON A-042).
- 3. MAKE BELIEVE BOULEVARD CEILING HEIGHT SHALL BE 9'-10" AFF UNLESS NOTED OTHERWISE. ALL OTHER CEILING HEIGHTS SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE
- 4. ALL SUSPENDED CEILING GRIDS SHALL BE DESIGNED TO RESIST SEISMIC FORCE (FP) AS PER INTERNATIONAL BUILDING CODE, LATEST EDITION. REFER TO DETAIL 3 DRAWING A-022 FOR CEILING GRID HANGER DETAIL.
- 5. REFER TO ENGINEERING DRAWINGS FOR MECHANICAL, ELECTRICAL, PLUMBING AND FIRE ALARM/SPRINKLER LAYOUTS, DETAILS AND SCHEDULES
- 6. REFER TO SPECIFICATIONS FOR ALL SWITCHES, LIGHTING FIXTURES AND EXIT SIGNS - REVISIT THIS COMMENT AFTER REVIEW OF DRAWINGS T-200 TO T-208 SPEC PAGES
- 7. CONTRACTOR SHALL VERIFY AND CONFIRM ALL LIGHT FIXTURES ARE IN WORKING CONDITION WITH OPERABLE LAMPS AT SUBSTANTIAL COMPLETION OF THE PROJECT.
- 8. UPON COMPLETION OF CONSTRUCTION, GC SHALL PROVIDE TENANT WITH MINIMUM 1 BOX OF EACH TYPE OF CEILING TILE.
- 9. ARCHITECT TO CONFIRM BASED ON INDIVIDUAL STATE REGULATION WHETHER THE BATHROOM CEILING TILES ARE REQUIRED TO BE VINYL

#### REFLECTED CEILING - KEY NOTES:

- 1) CEILING TILES TO BE INSTALLED W/ RETAINING CLIPS AT VESTIBULE
- 2 BUILDING SIGNAGE. REFER TO DETAILS ON DRAWING A-161.
- 3 36"x36" ROOF ACCESS HATCH AND LADDER SHALL BE KEPT CLEAR OF ALL DUCTS, WIRE, CONDUITS, OR OTHER FIXED ITEMS. SEE DETAILS ON DRAWING A-032
- 4 JANITOR'S CLOSET TO RECEIVE (1) LAYER OF GYP FASTENED TO UNDERSIDE OF TRUSSES AND (1) LAYER OF GYP FASTENED TO VERTICAL FACES OF ROOF ACCESS SHAFT. SEE DETAILS ON DRAWING A-032
- (5) 36" X 36" ACCESS/MAINTENANCE HATCH FOR ACCESS TO BUILDING SIGNAGE POWER BOXES. CENTER OPENING ON SPACE BETWEEN TRUSSES ABOVE, G.C. TO COORDINATE WITH SIGNAGE VENDOR.

THE LEARNING EXPERIENCE IS AN ARMSTRONG CEILINGS NATIONAL ACCOUNT PARTNER. TO ENSURE PROPER PRICING IS QUOTED, CONTACT 800-442-4212, ARMSTRONG NATIONAL ACCOUNT CUSTOMER SERVICE OR YOUR LOCAL ARMSTRONG CEILING DISTRIBUTOR AND ASK FOR THE LEARNING EXPERIENCE NATIONAL ACCOUNT PRICING. IF YOU HAVE ANY QUESTIONS, CONTACT CHERYL B. SMITH, ARMSTRONG NATIONAL ACCOUNT MANAGER, CBSMITH@ARMSTRONGCEILINGS.COM





VINYL SOFFIT SHALL BE FASTENED TO UNDERSIDE OF SOFFIT FRAMING ABOVE AND SHALL BE LEVEL. SOFFIT SHALL NOT FOLLOW THE EIFS ARCH CURVE. REFER TO WALL SECTIONS FOR ADDITIONAL INFORMATION. VINYL SOFFIT AT UNDERSIDE OF CANOPY TO BE INSTALLED PARALLEL TO SOFFIT ALONG BUILDING

PERIMETER.

2. GC MUST PROVIDE & INSTALL ALL PRODUCTS PER PLANS. ONLY SUBSTITUTED PRODUCTS NEED TO B SUBMITTED TO THE ARCHITECT FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED

I. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTI MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB

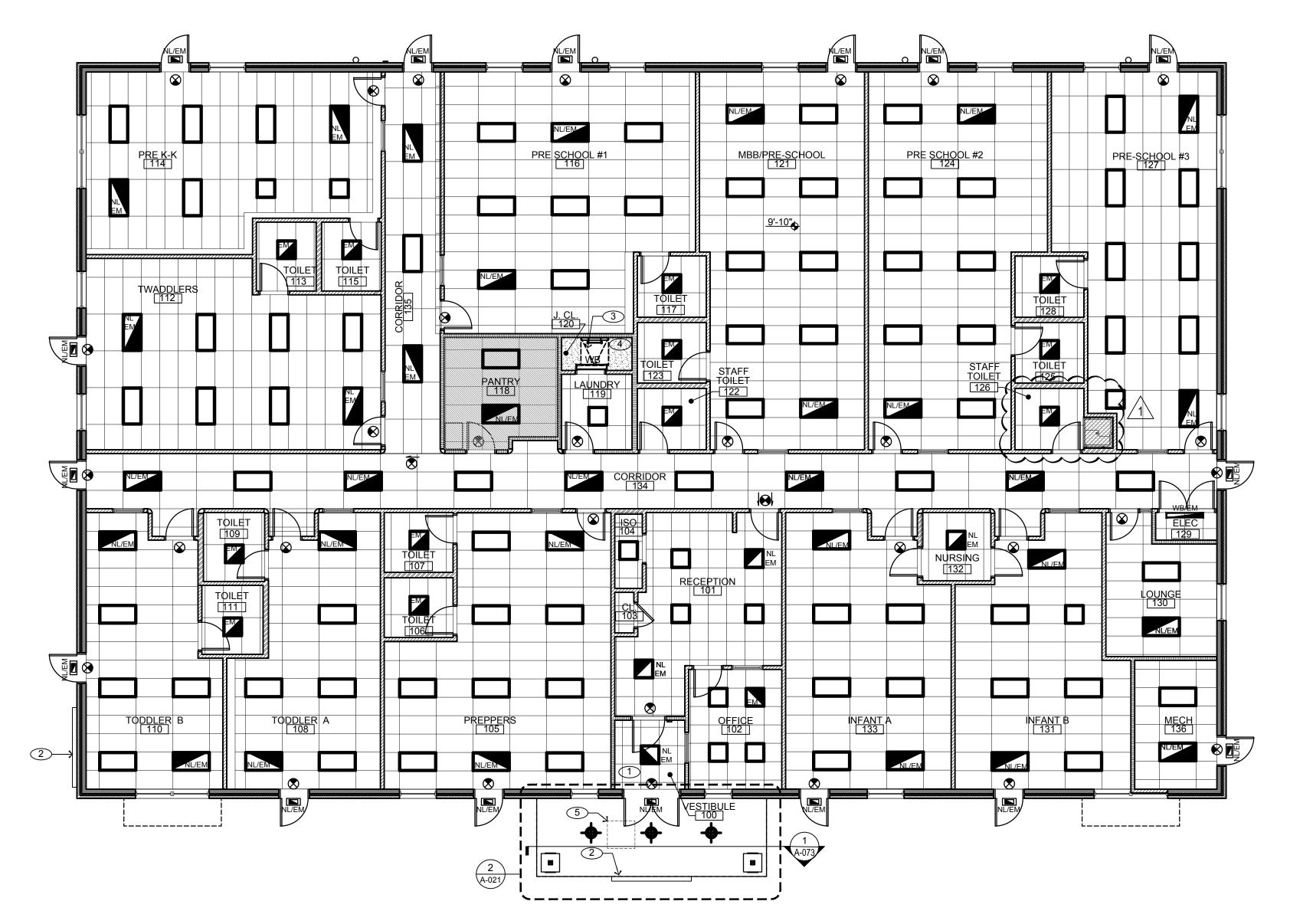
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Architecture Engineering Interior Design Implementation Services

SIGNAGE ACCESS HATCH DETAIL



REFLECTED CEILING PLAN
SCALE: 1/8"=1'-0"

ADI Y EI 

NO. DATE DESCRIPTION FOR TLE REVIEW FOR PERMIT 3 08-14-23 PER TLE AND CODE COMMENTS REVISION NO. DATE DESCRIPTION 1 08-14-23 PER TLE AND CODE COMMENTS

PROFESSIONAL CERTIFICATION

MATTHEW B. JARMEL, AIA, MBA

LICENSE NUMBER: A2017014316

TLEMO22-164 **AS NOTED** Approved By: Drawn By: OK

> **REFLECTED CEILING PLAN**

CEILING GRID HANGERS DETAIL

#### FLOOR FINISH SCHEDULE

#### LUXURY VINLY TILE (LVT) LEVEL SET LVT:

MANUFACTURER: INTERFACE LVT-NATURAL WOODGRAINS

25cm X 1cm

COLOR AND PATTERN: A00208 SAND DUNE - ASHLAR ADHESIVE: XL BRANDS 2000 PLUS - GRID SET DOUBLESTICK PRESSURE SENSITIVE ADHESIVE, WATER-RESISTANT

TYPE PER MANUF. RECOMMENDATION FOR PRODUCTS AND SUBSTRATE ASTM E 662 SMOKE DEVELOPMENT 450 OR LESS FIRE DEST DATA:

#### SHEET VINYL FLOOR COVERING:

MANUFACTURER: SHAW COLLECTION: VITALITY SHEET BENEFIT 73415 COLOR:

PRODUCT #: 0873V SHEET WIDTH: AS STANDARD WITH MANUFACTURER; 6.5 FT. WALL BASE: TURN UP SHEET VINYL 6" AT ALL WALLS TO CREATE

INTEGRAL COVE BASE ACCESSORIES: CONTINUOUS STAINLESS STEEL COVE CAP TRIM

(FULL ROOM PERIMETER) CONTINUOUS BONDED PUNCTURE-PROOF ALUMINUM REINFORCEMENT STRIP (FULL ROOM PERIMETER)

FIRE TESTING: RADIANT FLUX - NFPA CLASS I (ASTM E648) SMOKE DENSITY - <450 (ASTM E662)

#### NOTES:

1. HOMOGENOUS SHEET.

2. COMMERCIAL GRADE. 3. A SEAMLESS INSTALLATION SHALL BE PROVIDED WHERE POSSIBLE. IF REQUIRED, SEAMS SHALL BE INSTALLED WITH MATCHING WELD ROD

AND LOCATED BENEATH FIXTURES TO MINIMIZE VISIBILITY. 4. INTEGRAL COVE BASE RADIUS SHALL NOT EXCEED 1/2" WHERE THE WALL MEETS THE FLOOR.

#### TO BE INSTALLED - TOILETS AND LAUNDRY ROOM

#### QUARRY FLOOR TILE:

MANUFACTURER: DALTILE

INTERIOR TYPE BODY, FLAT TILE COVED, COLOR TO MATCH FLOOR TILE BASE:

COLOR: ARID GREY LATICRETE GROUT: GROUT COLOR: #57 HOT COCOA

CATALOG #: 6"x6" PATTERNED FACE WITH STANDARD EDGE FACE:

THICKNESS: 5/16"

#### TO BE INSTALLED - PANTRY

#### RESILIENT WALL BASE AND ACCESSORIES:

MANUFACTURER: JOHNSONITE TA4 TYPE:

4" TRADITIONAL VINYL (WITH TOE) COLORS: 48 GREY MIN. THICKNESS: 0.080" (2.0 mm), 0.125" (3.2 mm) LENGTHS: MANUFACTURER'S STANDARD COILS

CLASS B

FIRE RATING:

TO BE INSTALLED: 48, GREY - ALL WALLS UNLESS OTHERWISE NOTED

#### CONCRETE FLOOR:

COROTECH (BENJAMIN MOORE) WATERBORNE AMINE EPOXY V440 COLORS: BATTLESHIP GRAY (75)

PINK RASPBERRY (2075-40) INSTALLATION: FULL COVERAGE; APPLY MIN. TWO (2) COATS

#### TO BE INSTALLED:

BATTLESHIP GRAY (75) - JANITOR'S CLOSET, AND MECHANICAL PINK RASPBERRY (2075-40) - INDOOR PLAY AREA (IF APPLICABLE)

FULL EXTENTS OF UNITY SURFACING

#### WALK-OFF MAT:

MANUFACTURER: AMARCO GRAND-BERBER TILE PRODUCT: INDIVIDUAL 20" TILES, 7/16" THICK HOBNAIL STYLE:

INSTALLATION: 1/4 TURN COLOR: SLATE BLUE

ASTM D2859- PILL TEST (SURFACE FLAMMABILITY) FIRE TEST DATA:

## **TRANSITION STRIPS:**

MANUFACTURER:

JOHNSONITE PRODUCT: T-MOULDING CTA-48-M COLOR: 48, GREY LOCATION: CARPET TO VCT FLOOR

VCT TO CONCRETE FLOOR (WHERE SPECIFIED)

PRODUCT: **ALUMINUM STRIP** ALL EXTERIOR DOORS LOCATION: INTERIOR VESTIBULE DOOR (WHERE SPECIFIED)

PRODUCT: MARBLE SADDLE LOCATION: PANTRY/CORRIDOR DOOR

OTHERWISE AS NOTED ON FINISH PLAN NOTES: REFER TO SHEET A-121 FOR MORE INFORMATION.

#### STAIR TREADS

MANUFACTURER: JOHNSONITE

"ROUNDEL" RAISED ROUND WITH PRODUCT:

INTEGRAL RISER COLOR: 48, GREY

 ALL STAIRS ON EACH STEP (2 STORY BUILDINGS ONLY) ADD NOSING ON EACH STEP

#### FLOOR FINISH GENERAL NOTES:

- 1. GENERAL CONTRACTOR (GC) SHALL FIELD VERIFY CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- 2. ALL FLOORS SHALL BE PROPERLY PREPARED AND SKIM COATED AS NECESSARY TO ACHIEVE CLEAN SURFACES SO THAT BLEMISHES DO NOT TELEGRAPH THROUGH FINISH MATERIAL.
- 3. GC SHALL SUBMIT SAMPLES OF ANY ALTERNATE FINISHES TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING MATERIALS. SEE SPECIFICATIONS DRAWINGS FOR SUBMITTAL PROCEDURE.
- 4. ALL FLOOR FINISH CHANGES AT DOORWAYS SHALL BE CENTERED UNDER DOOR. PATTERN TO BE CENTERED UNDER DOOR.
- 5. CARPET TO BE INSTALLED AT END OF CONSTRUCTION AND PROTECTED FROM ANY DEBRIS. CARPETS TO BE THOROUGHLY VACUUMED AT THE COMPLETION OF CONSTRUCTION.
- 6. REFER TO A-121 FOR TRANSITION DETAILS.
- 7. UPON COMPLETION OF CONSTRUCTION, GC SHALL PROVIDE TENANT WITH MINIMUM 1 BOX OF LVT, CARPET TILE, WALK-OFF MAT, EACH TYPE OF CEILING TILE, AND QUARRY
- 8. FLOOR GRAPHICS IN MBB AND RECEPTION TO BE CONFIRMED WITH TLE CONSTRUCTION MANAGER.
- 9. FOR (2) STORY TLE'S, THE FOLLOWING LVT UNDERLAYMENT SHOULD BE USED:

SCI ACOUSTIC UNDERLAYMENT - dBARRIER LUXURY UNDERLAYMENT

> PRODUCT CODE: BV0340 COLOR: RED SUPPLIER: INTERFACE

#### FLOOR FINISH KEY NOTES

1 PROVIDE WALK-OFF MAT - SEE FLOOR FINISH SCHEDULE FOR SPECIFICATIONS

2 NOT USED

3 VINYL FLOOR GRAPHIC: CONTACT TLE CONSTRUCTION MANAGER FOR ARTWORK AND LOCATION DETAILS.

4 TRANSITION STRIP

- INTERIOR FINISH TESTING REQUIREMENTS:
- 3. FLAME SPREAD INDEX AND SMOKE DEVELOPED RATING: WALL AND CEILING FINISH MATERIALS SHALL BE MINIMUM CLASS B:
- FLAME SPREAD: SMOKE DEVELOPED INDEX: < 450 FLAME SPREAD: < 200

#### FLOOR FINISH LEGEND

REFER TO FLOOR FINISH SCHEDULE AND SPECIFICATIONS

REFER TO FLOOR FINISH SCHEDULE AND SPECIFICATIONS

SOLID SHEET WITH WELDED SEAMS AT WET WALLS, 6" INTEGRAL COVE BASE. REFER TO FLOOR FINISH SCHEDULE AND SPECIFICATIONS

CONCRETE FLOOR PAINTED GRAY WITH VINYL BASE

NOTE - SEE FLOOR FINISH SCHEDULE ON THIS PAGE FOR TILE SPECIFICATIONS, INCLUDING LIST OF COLORS.

PRE SCHOOL #1

PRE-SCHOOL

RECEPTION

INFANT A

INFANT B

PRE SCHOOL #2

PRE-SCHOOL #3

. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY

2. GC MUST PROVIDE & INSTALL ALL PRODUCTS PER PLANS. ONLY SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED A THE EXPENSE OF THE GC.

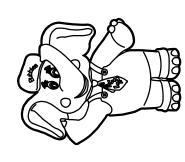
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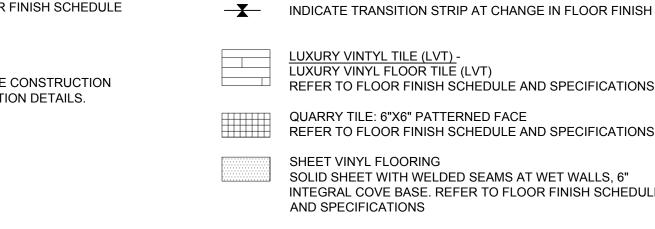
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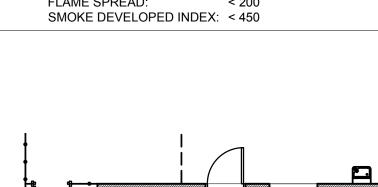
**FLOOR FINISH PLAN** 





PADDING, WALK-OFF MAT, AND ANY OTHER FIBER-BASED FLOOR FINISHES SHALL BE CLASS 1 OR CLASS II AS TESTED PER NFPA 253. 2. WALL BASE FINISHES (6"H OR LESS) SHALL BE CLASS I OR CLASS II AS TESTED PER NFPA 253.

• INTERIOR TRIM MATERIALS SHALL BE MINIMUM CLASS C:



PRE K-K

TWADDLERS

**4** 

#### WALL FINISH SCHEDULE:

#### WALL PADDING:

MANUFACTURER: RESILITE SPORTS PRODUCTS, INC. STYLE: SAFEGUARD PLUS CONVENTIONAL WAINSCOT PANEL W/ 14 OZ VINYL FABRIC

CATALOG #: RZC25XXX

FIRE RATING:

PANEL SIZE: STANDARD PANEL SIZE 24"Wx60"H. CUSTOM SIZES TO BE COORDINATED BY PLAYGROUND VENDOR AS REQUIRED FOR

PROPOSED LAYOUT.

COLOR: PURPLE OR RED LOCATION: INDOOR PLAYGROUND (IF APPLICABLE)

A. FULL PERIMETER B. FREESTANDING COLUMNS

FIBERGLASS REINFORCED PLASTIC PANELS (FRP):

MANUFACTURER: CRANE COMPOSITES PRODUCT: GLASBORD EMBOSSED PANEL PRODUCT CODE: FΧ FINISH: WHITE, EMBOSSED

FIRE RATING: CLASS A

INTERIOR PAINT: (NO OTHER MANUFACTURERS ALLOWED)

FRP JOINT TRIMS, CAPS AND OTHER ACCESSORIES TO BE WHITE.

**BENJAMIN MOORE** 

MANUFACTURER:

PRODUCTS: TYPICAL PRIMER: **ULTRA SPEC INTERIOR PRIMER 534**  TYPICAL PAINT: ULTRA SPEC INTERIOR EGGSHELL 538

WOOD: N319 REGAL SATIN/ EGGSHELL H.M. DOORS/FRAMES: SUPER SPEC HP P29 DTM ACRYLIC (SEMI-GLOSS)

MANUFACTURER: SHERWIN WILLIAMS

PRODUCTS:

 TYPICAL PRIMER: PROMAR 200 ZERO V.O.C. PRIMER TYPICAL PAINT:

PROMAR 200 ZERO V.O.C. INTERIOR LOW GLOSS EG-SHEL WOOD: PROMAR 200 ZERO V.O.C. INTERIOR LOW GLOSS EG-SHEL H.M. DOORS/FRAMES: PRO INDUSTRIAL DTM ACRYLIC (SEMI-GLOSS)

THE LEARNING EXPERIENCE - SHERWIN WILLIAMS NATIONAL ACCOUNT (CV71)

ARCHITECTURAL ACCOUNT EXECUTIVE (954)547-1217

Glenn.J.Remler@Sherwin.com THE SHERWIN-WILLIAMS COMPANY

#### CARPET COLUMN WRAP

MANUFACTURER:

MONOCHROME CARPET, ROLLED GOODS STYLE: COLOR: 101834 FELT

CARPET REQUIRED AT ALL FREESTANDING COLUMNS

WALL FINISH GENERAL NOTES:

HARDWARE, ETC.

FINISH PLAN.

FRAME COLOR.

BUILDING TRIM.

c. CORRIDOR WALLS

MARKS ETC.

a. CLOSET INTERIOR WALLS b. TOILET INTERIOR WALLS

 TO A HEIGHT OF 3'-6" ONLY APPLIES IF FREESTANDING COLUMNS SHOWN ON PLAN

ARCHITECT OF ANY DISCREPANCIES

FACTORY PRIMED AND FIELD PAINTED ON BOTH SIDES.

OF "W" ON PAINT FINISH LEGEND AND SCHEDULE

d. MECHANICAL ROOM INTERIOR WALLS e. ALL SURFACES, UNLESS NOTED OTHERWISE.

7. UPON COMPLETION, THE GENERAL CONTRACTOR SHALL

COVE BASE. TRIMMING THE GRAPHICS IS NOT PERMITTED.

c. PROVIDE (1) GALLON OF EACH COLOR.

f. GYPSUM SOFFIT (ALL SIDES) UNLESS NOTED OTHERWISE

1. PRIOR TO COMMENCEMENT OF PAINTING, THE GC. SHALL BE RESPONSIBLE FOR THE

a. FIELD VERIFY THAT ALL SURFACES ARE READY TO ACCEPT PAINTS- NOTIFY

b. REMOVE OR PROTECT ALL ELECTRIC SWITCHES, OUTLETS, PLATES, SURFACE

c. GC. TO PROTECT ALL ADJACENT SURFACES AS REQUIRED DURING PAINTING.

2. CONTRACTOR SHALL SUPPLY ALL PAINT AND MATERIALS AS PER PAINT FINISH SCHEDULE AND PAINT FINISH LEGEND. ALL PAINT AND MATERIAL MUST BE DELIVERED TO THE JOB SITE IN THE MANUFACTURER'S ORIGINAL PACKAGING- NO SUBSTITUTIONS ALLOWED.

3. ALL HOLLOW METAL DOORS, DOOR FRAMES, AND INTERIOR WINDOW FRAMES ARE TO BE

a. INTERIOR DOORS, DOOR FRAMES, AND INTERIOR WINDOW FRAMES SHALL BE PAINTED THE SAME COLOR ON BOTH SIDES UNLESS OTHERWISE INDICATED ON

b. SIDELIGHT FRAMES (IF SPECIFIED ON PLAN) SHALL MATCH THE ADJOINING DOOR

c. EXTERIOR DOORS SHALL BE PAINTED TWO COLORS (INTERIOR SIDE COLOR AS SPECIFIED ON THE FINISH PLAN, AND THE EXTERIOR SIDE COLOR TO MATCH

4. AREAS LISTED BELOW TO BE PAINTED WITH ONE PRIMER COAT AND TWO FINISH COATS

5. ALL WALLS TO BE PAINTED AS PER PAINT FINISH SCHEDULE UNLESS NOTED OTHERWISE.

6. ALL FINISH WORK SHALL BE APPLIED FREE OF SAGS, RUNS, STREAKS, BRUSH OR ROLLER

PLATES, SURFACE HARDWARE, ETC. AFTER PAINT COMPLETION.

8. GC TO INSTALL VINYL GRAPHICS TO THE SPECIFIC WALLS BEFORE INSTALLING VINYL

a. REMOVE ALL PAINT FROM WHERE IT HAS SPILLED, SPLASHED, OR SPLATTERED ON SURFACES, INCLUDING LIGHT FIXTURES, DIFFUSERS, SLAB FITTINGS, ETC., b. REINSTALL AND/OR REPLACE ANY DAMAGED ELECTRIC SWITCHES, OUTLETS,

EXCLUDES MBB AND INDOOR PLAY AREAS

		P/	AINT FINISH	H SCHE	DULE	
	FINISH COLOR	BENJAMIN MOORE		SHERWIN WILLIAMS		
		COLOR	COLOR NAME STOCK NO.		COLOR NAME	STOCK NO
	W	WHITE	WHITE DOVE	OC 17	GREEK VILLA	7551
	М	ORANGE	MANGO PUNCH	154	OSAGE ORANGE	6890
	Н	PURPLE	HYDRANGEA	1390	BERRY FRAPPE	9068
	D	YELLOW	DALILA	319	DAFFODIL	6901
	С	GREEN	CANDY GREEN	403	PRIMAVERA	9031
	Α	BLUE	ATLANTIS BLUE	768	FOUNTAIN	6787

#### PAINT FINISH SCHEDULE NOTES:

- a. H.M. DOOR AND WINDOW FRAMES SHALL BE SEMI-GLOSS FINISH.
- b. ALL OTHER PAINT SHALL BE EGGSHELL FINISH. ALL PAINTED SURFACES SHALL RECEIVE MINIMUM ONE COAT OF PRIMER AND TWO COATS OF PAINT (UNLESS FACTORY PRIMED BY THE MANUFACTURER). REFER TO SPECIFICATIONS DRAWINGS FOR
- ADDITIONAL INFORMATION.
- SELECTED COLOR PALETTE SHALL BE FROM <u>ONE</u> OF THE ABOVE MANUFACTURERS. 4. NO SUBSTITUTIONS WILL BE ALLOWED.

#### WALL FINISH KEY NOTES

- 1) CHAIR RAIL TO BE PAINTED "W" PER PAINT FINISH SCHEDULE. REFER TO
- 2 IN PANTRY, ALL WALLS INCLUDING SPLASH AREAS ABOVE COUNTER, TO RECEIVE F.R.P. TO 7'-6" A.F.F., REFER TO WALL FINISH SCHEDULE (THIS PAGE)
- 3 FRP TO BE INSTALLED IN LAUNDRY ROOM AND JANITOR'S CLOSET ON WALL BEHIND SINK AND 3' EACH SIDE OF SINK TO 7'-6" A.F.F. REFER TO WALL FINISH
- 4 FRP TO BE INSTALLED IN TOILET ROOMS ON WET WALL(S) AND ADJACENT WALL(S) TO A MINIMUM HEIGHT OF 4'-4" A.F.F. REFER TO WALL FINISH SCHEDULE (THIS PAGE).

#### PAINT FINISH LEGEND:

INTERIOR WINDOW AND FRAME- BOTH SIDES

WALL AND GWB SOFFIT

- CONSTRUCTION PLAN FOR ADDITIONAL INFORMATION.
- AND PANTRY DETAILS A-133 FOR ADDITIONAL INFORMATION.
- SCHEDULE (THIS PAGE).

DOOR AND FRAME

EXTERIOR DOOR: INTERIOR SIDE ONLY; REF. A-051 FOR EXTERIOR COLOR INTERIOR DOOR: BOTH SIDES

#### WALL GRAPHICS LEGEND:

RECEPTION: TREE OF HAPPINESS FULL WALL GRAPHICS

RECEPTION (ABOVE CABINETS): POSITIONING STATEMENT (84"W X 5"H)

RECEPTION: MEET OUR FAMILY (45"W X 22"H)

MBB HALLWAY: FULL GRAPHIC WALL

VESTIBULE: MISSION STATEMENT (50"W X 45"H)

MBB: 2 FULL WALL GRAPHICS INSIDE MBB

STAFF LOUNGE: PENNY'S PLACE (FULL WALL)

CORRIDOR WATER FOUNTAINS: SURROUNDING (3) WALLS AROUND WATER FOUNTAINS OF SONAR'S GRAPHICS

WALL GRAPHICS NOTES:

VINYL GRAPHICS TO BE PROVIDED BY FAST SIGNS (REQUIRED) GC TO COORDINATE TLE BRANDED GRAPHICS PACKAGE WITH

PRE SCHOOL #2

TLE CONSTRUCTION MANAGER.

- NO DEVICES TO BE ADHERED TO A WALL WITH GRAPHICS, (SUCH AS MILLWORK, FIRE EXTINGUISHERS, ETC) IF CLARITY IS REQUIRED ON A PROJECT, GC IS TO CONFIRM ALL DETAILS WITH
- TLE RESERVES THE RIGHT TO ADD ADDITIONAL GRAPHIC BRANDING TO THIS PACKAGE AT THE RESPONSIBILITY OF THE
- ALL HALLWAYS TO BE WHITE AND RECEIVE THE HALLWAY GRAPHICS INDICATED IN THE BRANDING GRAPHICS PACKAGE.

#### WALL GRAPHICS VENDOR: WM PRINTING

KELSEY HOUT PHONE: 561-305-7027 tle@wmprinting.com

THE IDENTITY GROUP

BRETT WOLFGRAM CELL: 207-831-3766 tle@theidentitygroup.com

WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB 2. GC MUST PROVIDE & INSTALL ALL PRODUCTS PER

PLANS. ONLY SUBSTITUTED PRODUCTS NEED TO B SUBMITTED TO THE ARCHITECT FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED A THE EXPENSE OF THE GC.

3. VERBAL REPRESENTATION HAS NO VALUE AND AL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT & TLE FOR APPROVAL.

PRE-SCHOOL #3

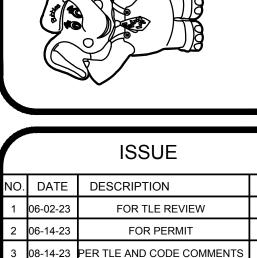


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PROFESSIONAL CERTIFICATION

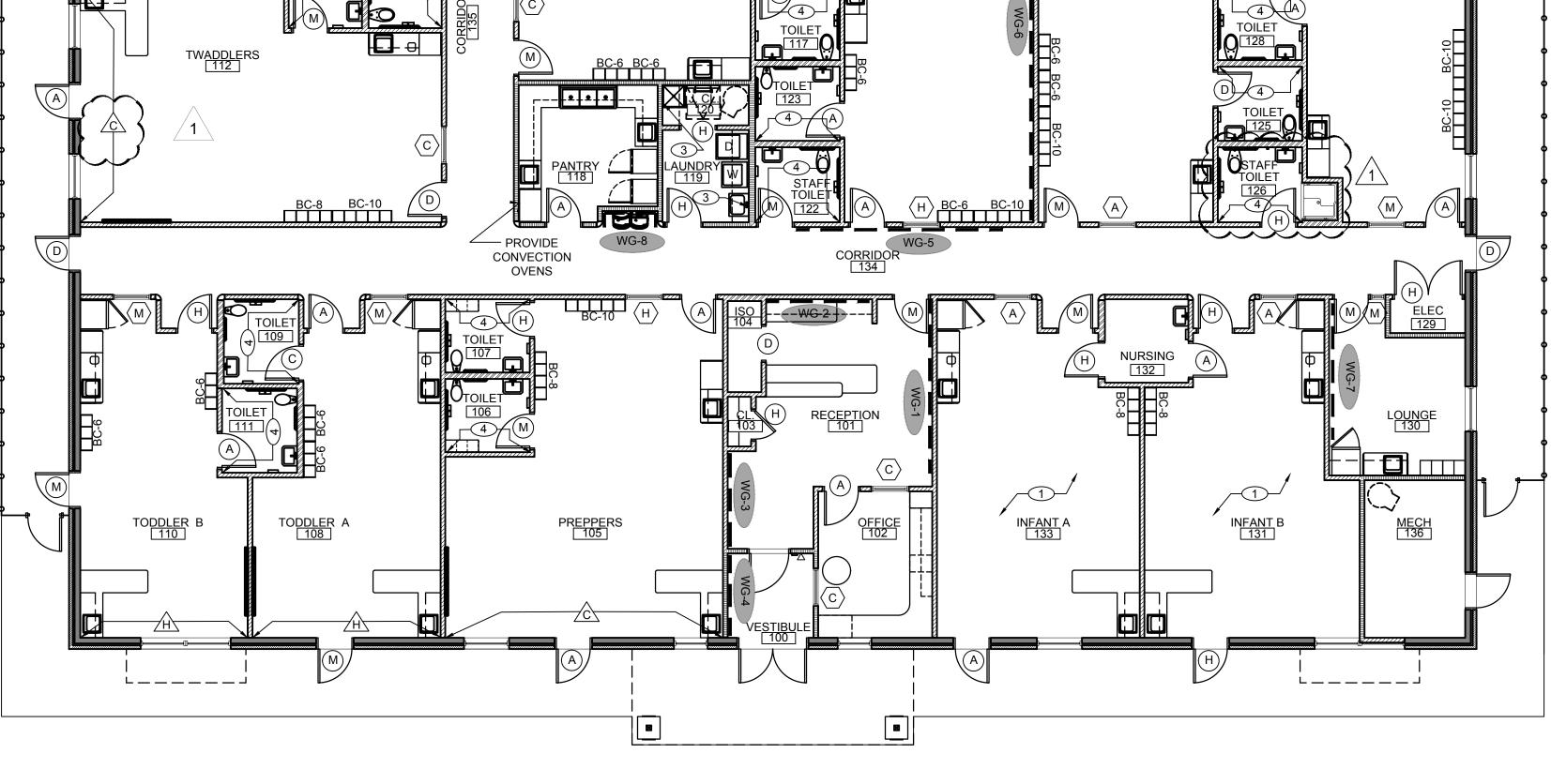
MATTHEW B. JARMEL, AIA, MBA

LICENSE NUMBER: A2017014316

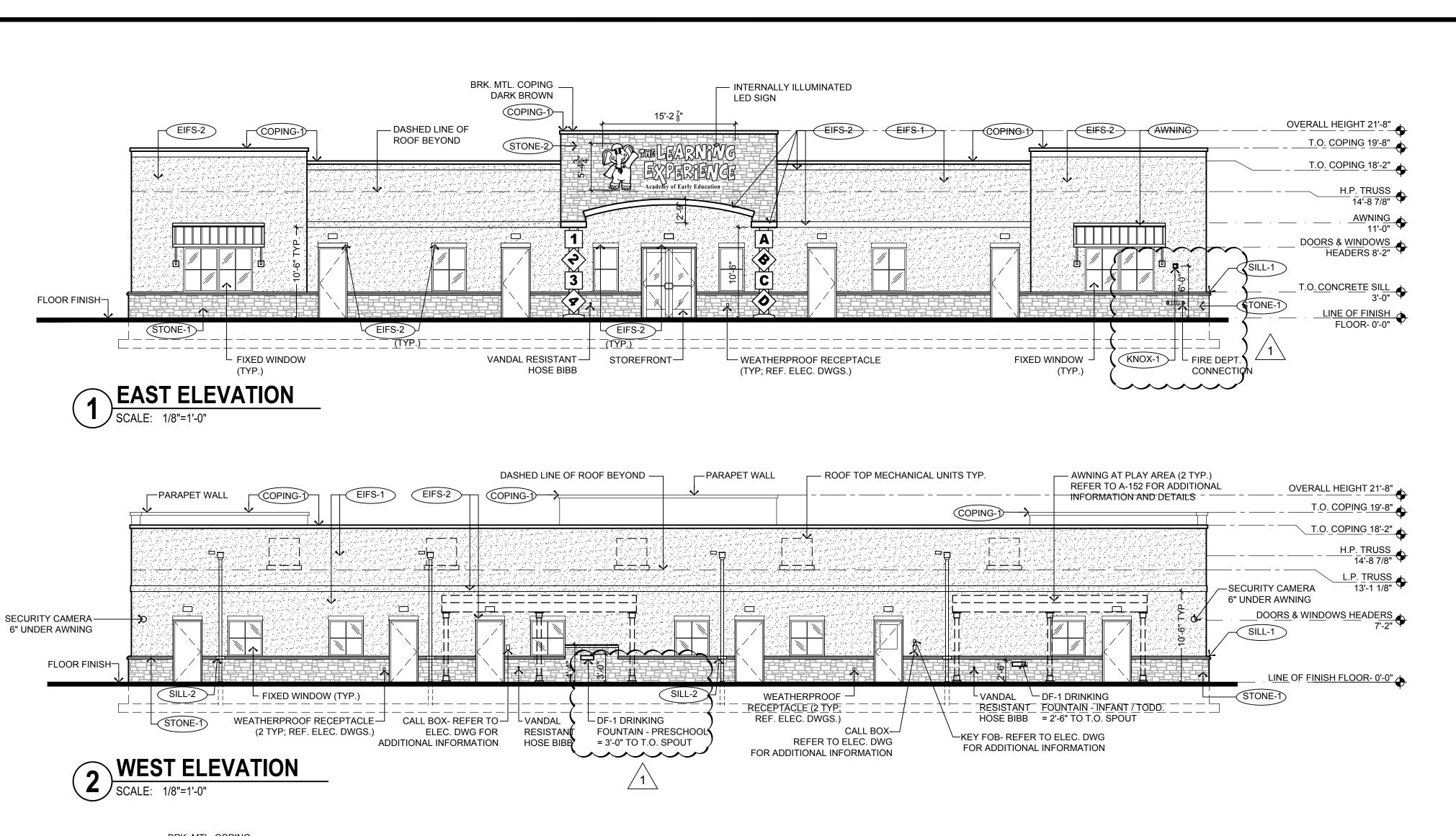
TLEMO22-164 **AS NOTED** Approved By: Drawn By:

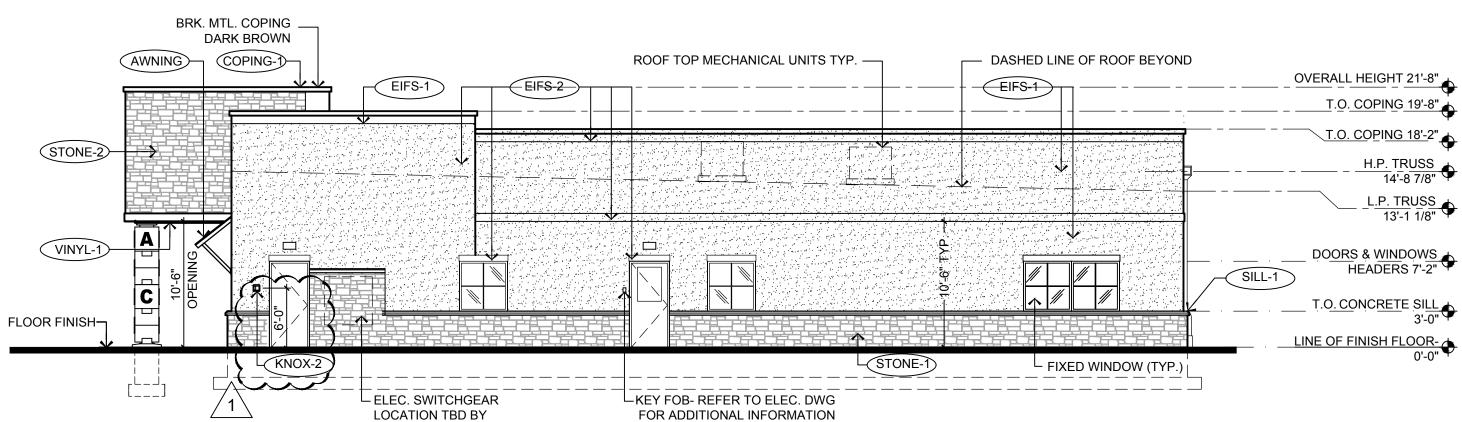
PLAN

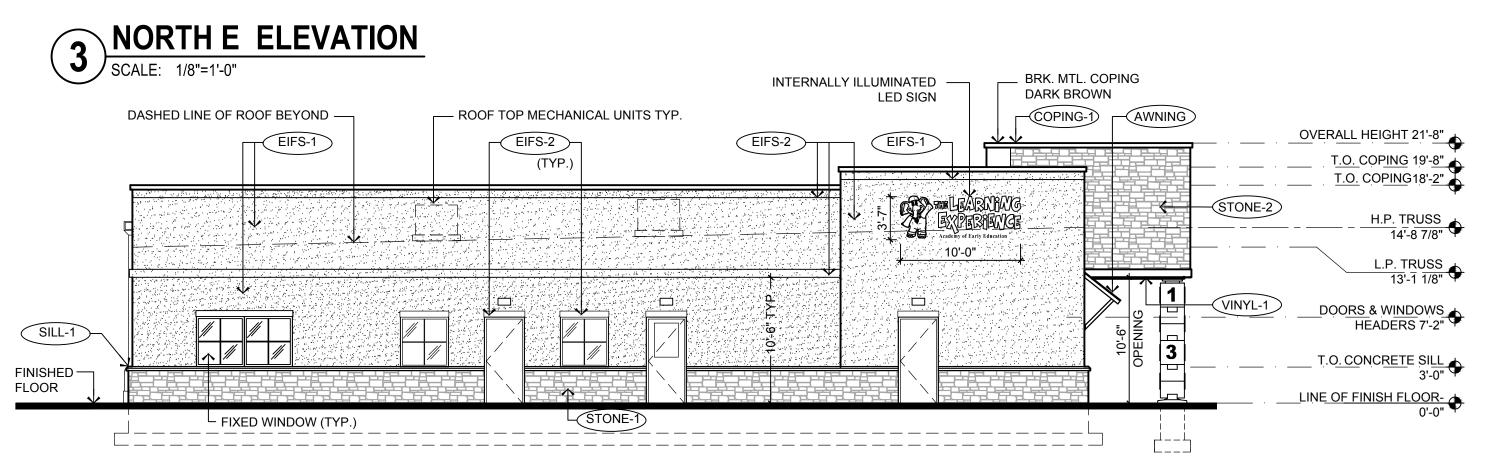
Drawing Name: **WALL FINISH** 











UTILITY COMPANY

**GENERAL NOTES:** 

GC TO VERIFY THAT AWNING LOCATIONS ARE CORRECT PER PLANS. 2. GC TO ENSURE PROPER DRINKING FOUNTAIN HEIGHTS FOR BOTH PLAYGROUNDS:

INFANTS/TODDLERS - 2'-6" TO TOP OF SPOUT

PRESCHOOL = 3'-0" TO TOP OF SPOUT

WARRANTY REQUIREMENTS.

3. GC TO VERIFY THAT DOOR TYPES ARE CORRECT PER DOOR SCHEDULE. 4. GC TO VERIFY CORRECT FOB AND CALL BOX LOCATIONS.

5. GC TO VERIFY HOSE BIBBS AT ENTRANCE AND PLAYGROUND AREAS. 6. GC TO VERIFY WATERPROOF RECEPTACLES AT ENTRANCE AND PLAYGROUND AREAS.

LADEL	MANUEACTURER	CIZE / TVDE	FINISH / COLOR
LABEL	MANUFACTURER	SIZE / TYPE	FINISH / COLOR
STOREFRONT	KAWNEER	TRIFAB 451T / 350 PER DOOR SCHEDULE	BONE WHITE
DOOR	-	PER DOOR SCHEDULE	FACTORY PRIMED
FIXED WINDOW	PLY GEM	SILVER LINE V1 SERIES PER WINDOW SCHEDULE	WHITE
STONE-1	BUECHEL STONE CORP.	5" FULL DEPTH STONE	CHILTON TAILORED BLEND
STONE-2	BUECHEL STONE CORP.	STONE VENEER	CHILTON TAILORED BLEND
SILL-1	MODERN PRECAST	3 3/4"Hx6"W W/ 2" FLAT W/ 1/4" DRIP EDGE	REGULAR (LIGHT GREY)
SILL-2	MODERN PRECAST	CUSTOM SILL 3 3/4"Hx4"W W/ 2" FLAT REF. DTL. 6/A-032	REGULAR (LIGHT GREY)
EIFS-1	DRYVIT	-	SAND PEBBLE FINISH COLOR: OYSTER SHELL
EIFS-2	DRYVIT	-	SAND PEBBLE FINISH COLOR: SANDLEWOOD BEIG
GUTTER-1	-	6" ALUMINUM TYPE 'K' W/ LEAF SCREEN AND 6" LEADERS	MATCH FRIEZE BOARD
VINYL-1	ROYAL BUILDING PRODUCTS	COLORSCAPES TRIPLE 4 PERFORATED SOFFIT NOM. THICKNESS 0.042"	WHITE (REF. NOTE 2 BELOW)
AWNING	-	CUSTOM ALUMINUM	AWARD BLUE (PAC-CLAD)
COPING-1	FABRAL (OR EQUAL)	BREAK METAL	DARK BRONZE
KNOX-1	KNOX BOX	3200 SERIES W/ RECESSED MOUNT FLANGE, HINGE DOOR, & TAMPER SWITCH	DARK BRONZE (REF. NOTE 2 BELOW)

FINISH SCHEDULE NOTES:

1. G.C. SHALL VERIFY KNOX BOX MODEL(S) AND LOCATION(S) WITH AUTHORITY HAVING JURISDICTION PRIOR TO ORDERING 2. G.C. SHALL ENSURE ALL EXTERIOR FINISHES ARE INSTALLED AND FINISHED IN COMPLIANCE WITH MANUFACTURERS'

. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY

2. GC MUST PROVIDE & INSTALL ALL PRODUCTS PER PLANS. ONLY SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED THE EXPENSE OF THE GC.

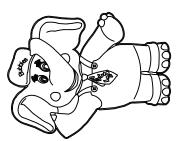
3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, <u>MUST</u> BE SUBMITTED IN WRITING TO THE ARCHITECT & TLE FOR APPROVAL.



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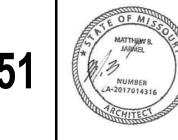
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PROFESSIONAL CERTIFICATION MATTHEW B. JARMEL, AIA, MBA

LICENSE NUMBER: A2017014316

Project Number:	Scale:
TLEMO22-164	AS NOTED
Drawn By:	Approved By:
·	MBJ
Drawing Name:	

**EXTERIOR ELEVATIONS** 



#### PLUMBING FIXTURE MOUNTING HEIGHT SCHEDULE: TOILET AGE TOILET LAVATORY TOILET © (NUMBER OF EACH TYPE VARIES BY SITE: GROUP HEIGHT HEIGHT OFF SIDE WALL REFER TO CONSTRUCTION FLOOR PLAN) TODDLER ROOMS 18-24 MONTHS 30" 12" TWADDLER ROOMS 24-36 MONTHS 30" 12" 30-36 MONTHS PREPPERS ROOMS 30" 3 - 5 YEARS 32" PRE-SCHOOL ROOMS 14" PRE-K/K ROOMS 5 - 6 YEARS 14" 32" 14" MAKE BELIEVE BOULEVARD VARIES 10"" 30" 12" STAFF TOILET ADULT 16.5" 34" 18"

#### ACCESSORY SCHEDULE

- A DOUBLE-ROLL TOILET TISSUE DISPENSER BOBRICK #B-265
- B SURFACE-MOUNTED PAPER TOWEL DISPENSER BOBRICK #B-262
- © SOAP DISPENSER BOBRICK #B-2111 SUPPLY SOAP FOR ALL DISPENSERS
- D GRAB BAR BOBRICK #B-5806.99x36 PEENED GRIPPING E GRAB BAR - BOBRICK #B-5806.99x42 PEENED GRIPPING
- F MIRRORS BOBRICK #B-165 -18"x30" TEMPERED GLASS MIRROR.
- G ALL EXPOSED PIPING TO BE WRAPPED WITH SOFT ADA UNDER-LAVATORY PROTECTOR.
- H GRAB BAR BOBRICK #B-5806.99x18 PEENED GRIPPING
- GRAB BAR BOBRICK #B-5806.99x24 PEENED GRIPPING J USE PRE-FORMED INSULATION ON H.W. PIPING & DRAIN
- (K) SHOWER STALL FREEDOM APFQ3838BF1PRRFR (WHITE) WITH ADA ACCESSORIES
- L SHOWER DRAIN KOHLER K-9132
- M SHOWER LIGHT KOHLER K-1665 N SHOWER FAUCET - DELTA T13H152

#### 

#### ADA CLEARANCE KEY NOTES

- 1) 60" DIAMETER CLEAR WHEELCHAIR TURNING AREA
- 2 56"x60" FLOOR CLEARANCE AT TOILET
- 3 58"x60" DOOR CLEARANCE (FRONT APPROACH TO PULL SIDE)
- 4 30"x48" FLOOR CLEARANCE AT LAVATORY 5 30"x48" FLOOR CLEARANCE OUTSIDE DOOR SWING
- 6 48"x52" DOOR CLEARANCE (FRONT APPROACH TO PUSH SIDE)

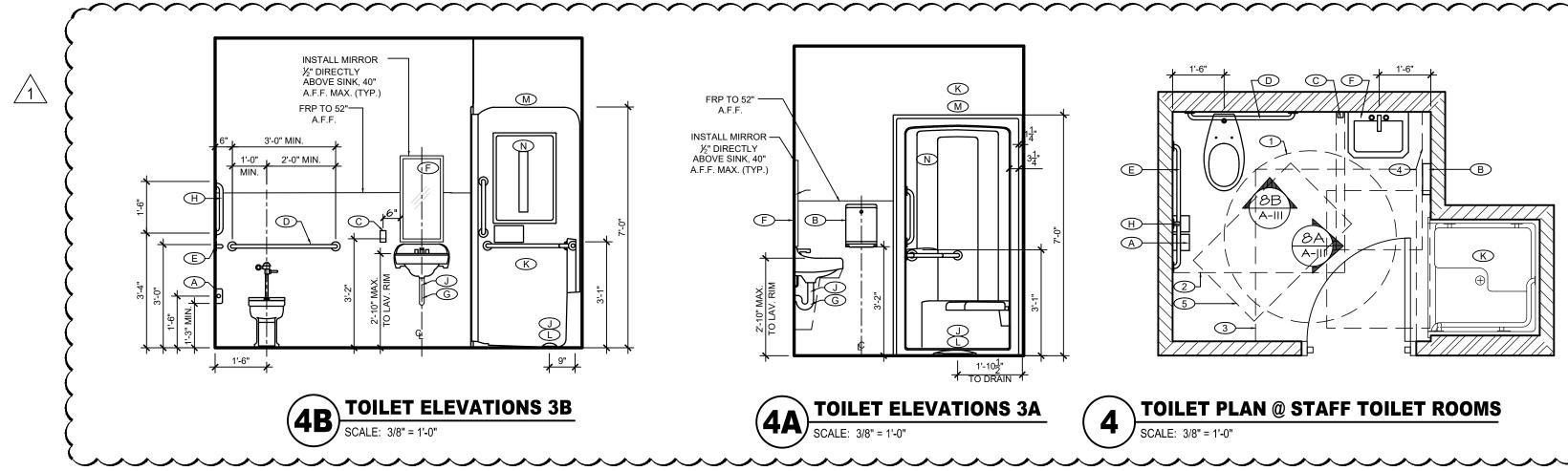
- DIMENSIONS ARE FROM/TO FACE OF FINISH (U.N.O.) WALL-MOUNTED ACCESSORY FIXTURES MAY ONLY PROJECT INTO
- REQUIRED FLOOR CLEARANCES BY LESS THAN 4".

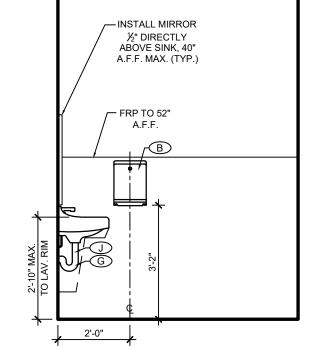
#### **GENERAL NOTES:**

TOILETS AND LAVATORIES.

- 1. REFER TO SHEET A-012 CONSTRUCTION PLAN FOR SPECIFIC TOILET ROOM LAYOUTS NOT DEPICTED ON THIS SHEET. ELEVATIONS SHOWN REFLECT TYPICAL TOILET ROOM LAYOUTS PER THIS SET OF DRAWINGS.
- 2. TOILET ROOM ACCESSORIES (PURCHASED & INSTALL BY G.C. IN EACH
- TOILET ROOM). 3. REFER TO PLUMBING FIXTURE MOUNTING HEIGHT SCHEDULE FOR ALL
- 4. SEE PLUMBING DRAWINGS FOR PLUMBING FIXTURE SPECIFICATIONS.
- 5. CHILDREN TOILET DESIGN SHALL COMPLY BY RECOMMENDATION OF MODIFICATIONS TO ACCESSIBILITY STANDARDS FOR CHILDREN ENVIRONMENTS ICC/ANSI A117.1-98.
- 6. TOILET FLUSH HANDLE TO BE LOCATED ON THE OPEN/ WIDE SIDE OF THE
  - WHERE AN ADMINISTRATIVE AUTHORITY REQUIRES FLUSH CONTROLS FOR FLUSH VALVES TO BE LOCATED IN A POSITION THAT CONFLICTS WITH THE LOCATION OF THE REAR GRAB BAR, THAT GRAB BAR SHALL BE PERMITTED TO BE SPLIT OR SHIFTED TO THE OPEN SIDE OF THE TOILET AREA. (ICC/ANSI A117.1-604.5.2)
  - 8. ADULT RIM HEIGHT SHOWN. REFER TO DETAILS THIS PAGE FOR ALTERNATE CHILD SINK RIM HEIGHTS
  - 9. BATHROOM ACCESSORIES CONTACT: ANTHONY "TONY" MINCE KEY ACCOUNT REPRESENTATIVE ANTHONY.MINCE@STAPLES.COM

(734) 452.4743



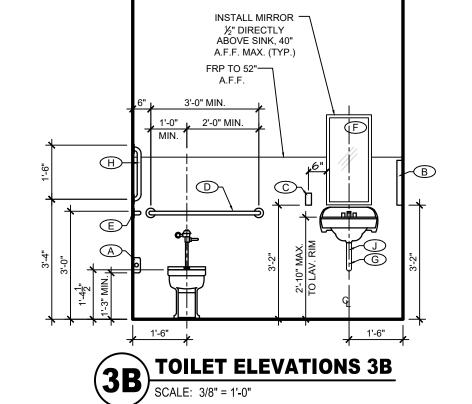


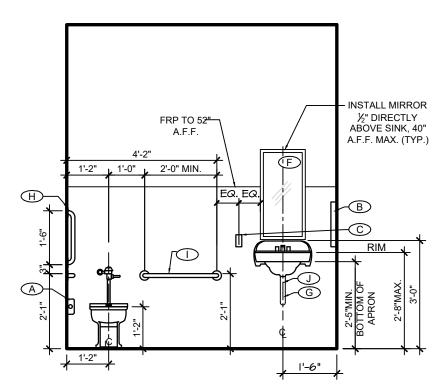


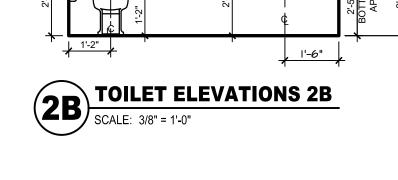
½" DIRECTLY ABOVE SINK, 40" A.F.F. MAX. (TYP.)

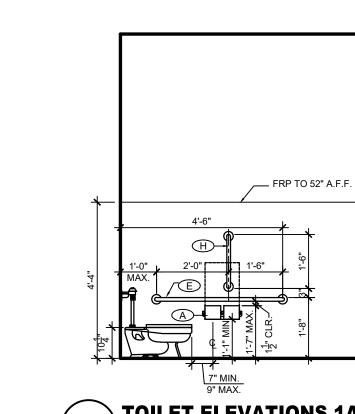
TOILET ELEVATIONS 2C

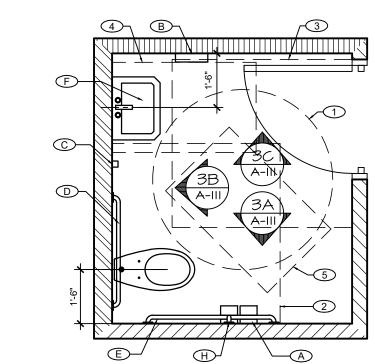
SCALE: 3/8" = 1'-0"











. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND

2. GC MUST PROVIDE & INSTALL ALL PRODUCTS PER

PLANS. ONLY SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.

UNAPPROVED SUBSTITUTIONS WILL BE REPLACED A

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL

SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN

WRITING TO THE ARCHITECT & TLE FOR APPROVAL

REQUESTS TO CHANGE ANY PRODUCTS OR

ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTIO MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB

SITE SAFETY

THE EXPENSE OF THE GC.

TOILET ELEVATIONS 3A

SCALE: 3/8" - 4' 0"

3'-6" MIN.

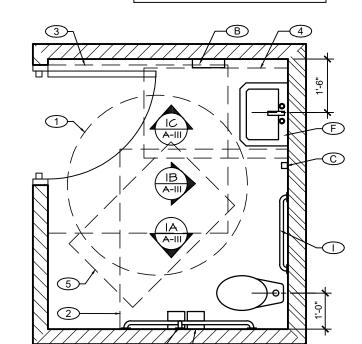
E

RP TO 52" ¬



TOILET PLAN @ PRE-SCHOOL & PRE-K/K TOILET ELEVATIONS 2A ROOMS
| SCALE: 3/8" = 1'-0"

AGE: 3-6 YEARS



**TOILET PLAN @ TODDLER, TWADDLER** ackslash PREPPER ROOMS & MAKE BELIEVE BOULEVARD

 $\oplus$   $\bot$   $\bigcirc$ 

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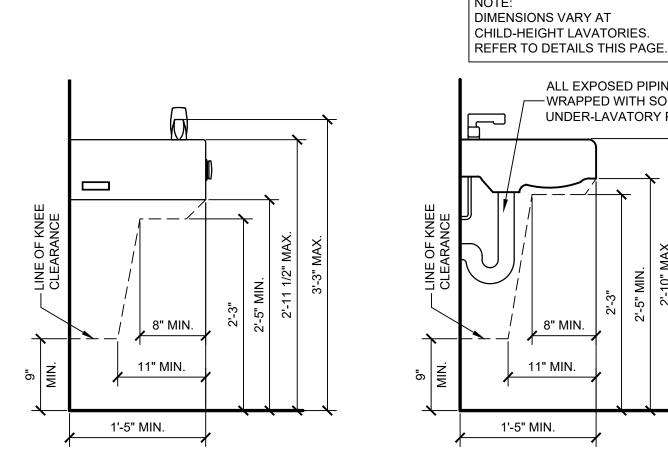
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PROFESSIONAL CERTIFICATION MATTHEW B. JARMEL, AIA, MBA LICENSE NUMBER: A2017014316

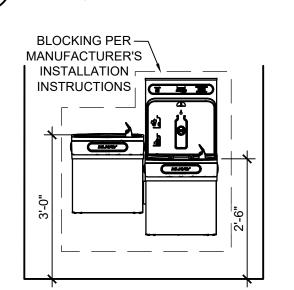
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**TOILET ROOM PLANS & DETAILS** 

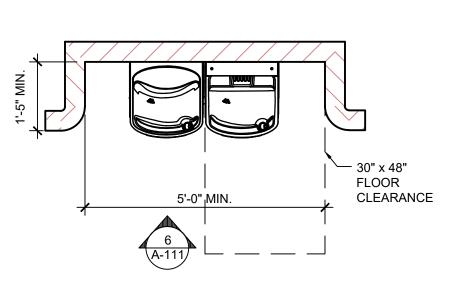




TYP. SECTION AT DRINKING FOUNTAIN SCALE: N.T.S.



**TYPICAL INTERIOR** DRINKING FOUNTAIN ELEVATIONS SCALE: 1/2" = 1'-0"



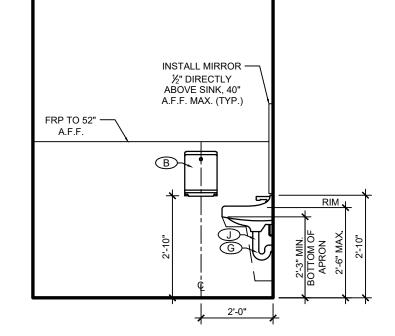
TYPICAL ADA SINK

**SECTION** 

SCALE: N.T.S.

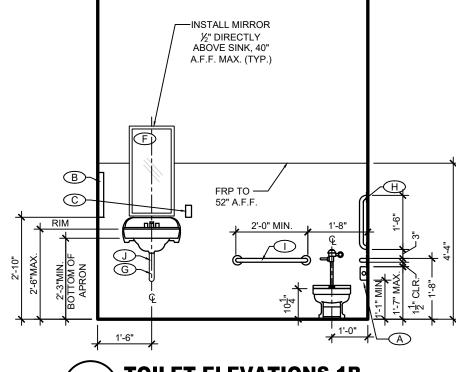
ALL EXPOSED PIPING TO BE -WRAPPED WITH SOFT ADA UNDER-LAVATORY PROTECTOR.

**TYPICAL INTERIOR** DRINKING FOUNTAIN PLAN SCALE: 1/2" = 1'-0"



TOILET ELEVATIONS 1C

SCALE: 3/8" = 1'-0"



TOILET ELEVATIONS 1B

SCALE: 3/8" = 1'-0"

TOILET ELEVATIONS 1A

SCALE: 3/8" = 1'-0"

AGE: 18-36 MONTHS

#### **GENERAL NOTES**

ALL STRUCTURAL ITEMS FOR THIS PROJECT HAVE BEEN DESIGNED IN ACCORDANCE WITH APPROPRIATE PROVISIONS OF EACH OF THE FOLLOWING:

A. BUILDING CODE: INTERNATIONAL BUILDING CODE 2018 B. STRUCTURAL STEEL: THE A.I.S.C. "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS ANSI/AISC 360." C. CONCRETE: A.C.I. "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE", ACI 318.

THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE SPECIFICATIONS AND ALL OTHER DISCIPLINES DRAWINGS (INCLUDING ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL). IF THERE ARE QUESTIONS BETWEEN DRAWINGS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ARCHITECT AND/OR STRUCTURAL ENGINEER IN WRITING PRIOR TO PERFORMING WORK.

IN ANY CASE OF QUESTIONS BETWEEN THE NOTES, DETAILS, AND SPECIFICATIONS, THE MOST RIGID REQUIREMENTS SHALL GOVERN.

DETAILS DESIGNATED AS "TYPICAL" APPLY TO ALL AREAS OF SIMILAR CONDITIONS UNLESS OTHERWISE NOTED. MECHANICAL/PLUMBING/ELECTRICAL OPENINGS SHALL BE COORDINATED BY CONTRACTOR. FINAL SIZES AND

LOCATIONS TO BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL CONTRACTOR IS RESPONSIBLE FOR AND SHALL VERIFY AND COORDINATE ALL DIMENSIONS, DETAILS, AND

EXISTING CONDITIONS BEFORE PROCEEDING WITH WORK. ANY DISCREPANCIES SHALL BE BROUGHT IN WRITING TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND/OR STRUCTURAL ENGINEER. CONTRACTOR SHALL FULLY BRACE AND OTHERWISE PROTECT ALL WORK IN PROGRESS UNTIL THE STRUCTURE IS COMPLETED.

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR CONCRETE AND STRUCTURAL STEEL A MINIMUM OF TWO (2) WEEKS PRIOR TO THE START OF FABRICATION. THE OWNER SHALL ENGAGE AN INDEPENDENT TESTING AND INSPECTION AGENCY ACCEPTABLE TO THE

ARCHITECT AND/OR STRUCTURAL ENGINEER TO INSPECT THE FOLLOWING:

A. SOIL B. STEEL - HIGH STRENGTH BOLTED CONNECTIONS AND WELDED CONNECTIONS IN THE SHOP AND FIELD C. CONCRETE - INSPECT REINFORCING PLACEMENT, INSPECT AND TEST CONCRETE QUALITY

CONTRACTOR SHALL COORDINATE INSPECTIONS REQUIRED FOR THE ABOVE AGENCIES.

10. ALL REQUESTS FOR SUBSTITUTIONS OF MATERIALS OR DETAILS SHOWN IN THE CONTRACT DOCUMENTS SHALL BE SUBMITTED FOR APPROVAL DURING THE BIDDING PERIOD. ONCE BIDS ARE ACCEPTED, PROPOSED SUBSTITUTIONS WILL BE CONSIDERED ONLY WHEN THEY ARE OFFICIALLY SUBMITTED WITH AN IDENTIFIED SAVINGS TO BE DEDUCTED FROM THE CONTRACT.

#### **DESIGN CRITERIA**

THERMAL FACTOR, Ct = 1.1

SNOW DRIFTS:

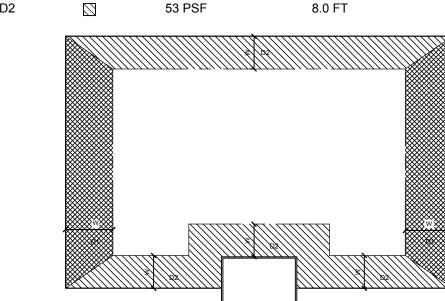
SEE PLANS FOR ROOF DEAD AND LIVE LOADS

SNOW LOADS:

GROUND SNOW LOAD, Pg = 20 PSF FLAT ROOF SNOW LOAD, Pf = 20 PSF MINIMUM SNOW LOAD USED FOR DESIGN = 25 PSF SNOW EXPOSURE FACTOR, Ce = 1.0 SNOW LOAD IMPORTANCE FACTOR, I = 1.0

\* FLAT ROOF SNOW LOAD TO BE ADJUSTED PER CODE FOR DRIFT, SLIDING, UNBALANCED LOADING, ETC.

DRIFT **SURCHAGE** WIDTH MARK Pd W 6.5 FT D1 47 PSF



WIND LOADS:

BASIC WIND SPEED Vult = 109 MPHVasd = 84 MPH

RISK CATEGORY II WIND EXPOSURE - C INTERNAL PRESSURE COEFFICIENT GCpi = ±0.18 COMPONENTS AND CLADDING PRESSURE: a = 5.58 FTb = 8.40 FT

CORNERS

c= 2.80 FT ROOF: □ P = +16.0 PSF, -24.0 PSF ZONE 1 P = +16.0 PSF, -41.3 PSF ZONE 1 P = +16.0 PSF, -54.4 PSF ZONE 2 ZONE 3 P = +16.0 PSF, -74.2 PSF WALLS: P = +25.9 PSF, -28.1 PSF FIELD

P = +25.9 PSF, -34.7 PSF

SEISMIC RISK CATEGORY - II SEISMIC IMPORTANCE FACTOR, I = 1.0

MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS:

S1 = 0.068gSITE CLASS - D DESIGN SPECTRAL RESPONSE COEFFICIENTS:

4. SEISMIC LOADS:

Sds = 0.107a

Sd1 = 0.109g

SEISMIC DESIGN CATEGORY - B

BASIC SEISMIC-FORCE-RESISTING SYSTEM: LIGHT FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE DESIGN BASE SHEAR, V = 5.9 KIPS

SEISMIC RESPONSE COEFFICIENT, Cs = 0.016

RESPONSE MODIFICATION FACTOR, R = 6.5 ANALYSIS PROCEDURE - EQUIVALENT LATERAL FORCE PROCEDURE

#### FOUNDATION CONSTRUCTION NOTES

1. FOUNDATIONS FOR THIS PROJECT CONSIST OF SPREAD AND STRIP FOOTINGS DESIGNED TO BEAR ON UNDISTURBED VIRGIN SOIL OR STRUCTURAL COMPACTED FILL PLACED OVER UNDISTURBED VIRGIN SOIL HAVING AN ALLOWABLE BEARING CAPACITY OF 2000 POUNDS PER SQUARE FOOT IN ACCORDANCE WITH "GEOTECHNICAL ENGINEER REPORT" DATED 03/07/2023 BY ALPHA-OMEGA GEOTECH INC. CAPACITY OF FOOTING SUBGRADE SHALL BE INSPECTED AND VERIFIED BY A GEOTECHNICAL ENGINEER LICENSED IN THE STATE OF MISSOURI PRIOR TO PLACING CONCRETE.

2. ELEVATIONS SHOWN ON THE DRAWINGS ARE TO THE BOTTOM OF FOUNDATIONS AND ARE MINIMUM DEPTHS. IF BEARING MATERIALS AT THE SPECIFIED ELEVATIONS ARE FOUND TO HAVE LOWER BEARING CAPACITIES THAN REQUIRED, MATERIALS SHALL BE REMOVED AND REPLACED WITH LEAN CONCRETE.

3. DESIGN, FURNISH, AND PLACE ALL TEMPORARY OR PERMANENT SUPPORTS, WHETHER SHORING, SHEETING, OR BRACING, SO THAT NO HORIZONTAL MOVEMENT OR VERTICAL SETTLEMENT OCCURS TO EXISTING STRUCTURES, STREETS, OR UTILITIES ADJACENT TO PROJECT SITE.

4. CONTROL SURFACE AND SUBSURFACE WATER DURING CONSTRUCTION SO THAT FOUNDATION WORK WILL BE PERFORMED IN DRY CONDITIONS AND ON UNDISTURBED

5. EXCAVATIONS FOR FOOTINGS SHALL BE FINISHED BY HAND.

6. FOUNDATION CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND. DUE TO THE PRESENCE OF UNDOCUMENTED FILL, FOOTINGS OF THE BUILDING SHOULD BE OVEREXCAVATED A MINIMUM OF 18-INCHES BENEATH THE PLANNED BASE OF FOOTING ELEVATION AS WELL AS ONE (1) FOOT LATERALLY IN EACH DIRECTION. THE EXPOSED SUBGRADE AT THIS ELEVATION SHOULD BE EVALUATED BY A REPRESENTATIVE OF ALPHA-OMEGA GEOTECH. AND, DEPENDING UPON THE CONSISTENCY OF THE EXPOSED SUBGRADE MATERIAL. IT MAY BE NECESSARY TO EXTEND SOME OF THE OVER-EXCAVATIONS DEEPER.

8. PROVIDE A SINGLE LAYER OF TENSAR BX-1100. BI-AXIAL GEO GRID. SPREADED ACROSS THE BASE AND UP THE SIDES OF THE OVER-EXCAVATED FOOTING TRENCH, AND TO BE OVERLAPED AS PER MANUFACTURE RECOMMENDATION. THIS ACITIVITY SHALL BE

VERIFIED BY THE GEOTECH ENGINEER OF RECORD. PROVIDE COMPACTED CRUSHER-RUN LIMESTONE SUCH AS KDOT AB-3/MoDOT TYPE 5 IN LIFT NO MORE THAN 6 INCHES THICK AND COMPACTED TO A MIN. DENSITY OF 95% OF THE STANDARD PROCTOR (ASTM D698), UNDER THE SUPERVISION OF A LICENSED SOILS ENGINEER.

10. CUT THE SUBGRADE A MIN. OF 24 INCHES BENEATH OF SLAB ON GRADE ELEVATION TO ALLOW THE PLACEMENT OF 20 INCH GRANULAR SUBBASE PLACED ON (3) EQUAL LIFTS AND COMPACTED TO AM MIN. OF 95% OF THE STANDARD PROCTOR (ASTM D-698) MAXIMUM DRY DESNSITY. 4 INCH BASE COURSE OF CLEAN, OPEN-GRADED CRUSHED LIMESTONE, AND COMPACTED WITH A SUITABLE VIBRATORY STEEL WHEEL ROLLER.

11. ALL FILL AND BACKFILL SHALL BE PLACED ON VIRGIN SOIL THAT DOES NOT CONTAIN ANY ORGANIC MATERIAL. STRIP ALL TOP SOIL. PRIOR TO PLACING FILL OR BACKFILL, PROOF-COMPACT SUBGRADE WITH A HEAVY VIBRATORY COMPACTOR TO AT LEAST 95% OF THE STANDARD PROCTOR DENSITY AS PER ASTM D-698 UNDER THE SUPERVISION OF A LICENSED SOILS ENGINEER.

12. CRUSHED STONE BASE FOR SLAB ON GRADE SHALL BE A CLEAN, FINE-GRADED MATERIAL WITH A MAXIMUM PARTICLE SIZE OF 3/4" AND AT LEAST 10%-30% PASSING A

NO. 100 SIEVE. CRUSHED STONE SHALL CONTAIN NO CLAY, SILT, OR ORGANIC MATERIAL. 13. FOUNDATION ELEMENTS SHALL BE CONSIDERED CENTERED UNDER COLUMN CENTERLINES UNLESS OTHERWISE NOTED. 14. NO FOOTINGS SHALL BE PLACED ABOVE 1 VERTICAL ON 2 HORIZONTAL SLOPE

EXTENDED FROM THE CLOSEST EDGE OF ANY UNDISTURBED SOIL OR OTHER FOUNDATION STRUCTURE. BOTTOM OF EXTERIOR FOOTINGS SHALL NOT BE LESS THAN 3'-0" BELOW FINISHED GRADE.

15. WHERE SOFT AREAS ARE ENCOUNTERED, THE AREA SHALL BE UNDERCUT AS DIRECTED BY THE SOILS ENGINEER AND REPLACED WITH COMPACTED FILL OR LEAN CONCRETE. 16. WHERE SHALLOW ROCK IS ENCOUNTERED AT FOOTING BEARING ELEVATION, THE ROCK SHALL BE REMOVED A MINIMUM OF 12" BELOW THE BOTTOM OF FOOTING AND REPLACED WITH CONTROLLED COMPACTED FILL.

#### **CONCRETE CONSTRUCTION NOTES**

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE A.C.I. "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318).

2. CONCRETE DESIGN MIXES SHALL CONFORM WITH ASTM C94, AND HAVE PROPERTIES AS INDICATED BELOW:

FOUNDATIONS, WALLS, AND PIERS:

SLABS-ON-GRADE:

AIR CONTENT: 5% ± 1 1/2% f'c=4,000 psi AT 28 DAYS

f'c=4,000 psi AT 28 DAYS

MAX W/C RATIO: 0.50

MAX. W/C RATIO: 0.50 AIR CONTENT: 3% MAX. 3. SLUMP SHALL BE LIMITED TO 4 INCHES. FOR CONCRETE WITH HRWR (SUPER-P), SLUMP

SHALL BE LIMITED TO 2-4 INCHES PRIOR TO ADDITION OF HRWR, AND A MAXIMUM OF 8 INCHES AFTER ADDITION OF HRWR. 4. ADMIXTURES USED IN CONCRETE SHALL BE AS ALLOWED BY THE SPECIFICATIONS AND ONLY WITH LABORATORY DESIGN MIX APPROVAL. ALL ADMIXTURES SHALL CONTAIN NO

MORE CHLORIDE IONS THAN ARE PRESENT IN MUNICIPAL DRINKING WATER. 5. CONCRETE MATERIALS SHALL BE AS INDICATED BELOW:

A. PORTLAND CEMENT: ASTM C150, TYPE I/II ASTM C618 - 15% - 25% OF CEMENTITOUS MATERIAL B. FLY ASH: C. NORMAL-WEIGHT AGGREGATES: ASTM C33, 3/4" MAXIMUM D. WATER: **ASTM C94 AND POTABLE** 

6. ADMIXTURES SHALL BE AS INDICATED BELOW: A. AIR-ENTRAINING ADMIXTURE: ASTM C260

B. WATER REDUCING ADMIXTURE: ASTM C494, TYPE A C. WATER REDUCING AND RETARDING ADMIXTURE: ASTM C494 TYPE D D. WATER-REDUCING, ACCELERATING ADMIXTURE: ASTM C494 TYPE E

F. HIGH RANGE WATER REDUCING AND RETARDING ADMIXTURE: ASTM C494 TYPE G 7. EPOXY JOINT FILLER SHALL BE A TWO-COMPONENT SEMI RIGID RESIN, 100% SOLIDS, AND HAVE A MINIMUM SHORE A HARDNESS OF 80 WHEN MEASURED IN ACCORDANCE WITH ASTM D 2240.

E. HIGH RANGE WATER REDUCING ADMIXTURE (SUPER-PLASTICIZER): ASTM C494,

8. ALL REINFORCING STEEL SHALL BE INTERMEDIATE GRADE, NEW BILLET STEEL DEFORMED BARS, CONFORMING TO ASTM A-615, GRADE 60. ALL BARS SHALL BE SECURELY SUPPORTED AND WIRED IN PLACE PRIOR TO CONCRETE PLACEMENT.

9. ALL WELDED WIRE FABRIC (W.W.F.) SHALL CONFORM TO ASTM A-185. 10. FIBER REINFORCING SHALL BE MONOFILAMENT POLYPROPYLENE FIBERS FOR SECONDARY REINFORCEMENT, ASTM C1116, TYPE III.

11. VAPOR RETARDER SHALL CONFORM TO ASTM E1745, CLASS C, WITH MINIMUM 10 MIL. THICKNESS. 12. REINFORCING STEEL SHOWN IN SECTIONS ARE SCHEMATIC INDICATIONS THAT

REINFORCING EXISTS. SEE SECTION NOTES, SCHEDULES, PLAN NOTES, ETC. FOR ACTUAL REINFORCING REQUIRED. 13. UNLESS OTHERWISE NOTED, ALL BARS MARKED CONT. SHALL BE SPLICED AT ALL LAP POINTS AND CORNERS AND DEVELOPED AT NON-CONTINUOUS ENDS AS TYPICAL DETAILS. SPLICE CONTINUOUS TOP BARS AT CENTER BETWEEN SUPPORTS AND SPLICE CONTINUOUS BOTTOM BARS AT SUPPORTS. WELDED WIRE FABRIC SHALL BE LAPPED 12

14. CONCRETE COVER FOR REINFORCING BARS SHALL BE AS SHOWN IN DETAILS. 15. SLAB ON GRADE SHALL BE WET CURED WITH A MOISTURE RETAINING COVER CONFORMING TO ASTM C171 WITH SIDES AND ENDS LAPPED AT LEAST 12", SEALED WITH

WATERPROOF TAPE. MOISTURE RETAINING COVER SHALL REMAIN IN PLACE FOR A MINIMUM OF 7 DAYS.

16. AT OPENINGS IN CONCRETE WALLS, PROVIDE ADDED REINFORCEMENT IN ACCORDANCE WITH THE TYPICAL DETAILS UNLESS OTHERWISE NOTED.

17. REINFORCEMENT SHALL NOT BE WELDED OR HEATED IN ANY WAY

18. SLEEVES, MECHANICAL OPENINGS, CONDUITS, PIPES, RECESSES, DEPRESSIONS, CURBS, AND ALL EMBEDDED ITEMS SHALL BE PROVIDED FOR AS SHOWN ON THE ARCHITECTURAL AND MECHANICAL DRAWINGS AND AS REQUIRED BY EQUIPMENT MANUFACTURERS. MINIMUM CONCRETE BETWEEN SLEEVES SHALL BE 6". INSTALLATION OF THESE ITEMS SHALL BE COORDINATED WITH SHOP DRAWINGS OF TRADES REQUIRING THESE ITEMS.

19. SET FORMS TO FOLLOW SLOPES AND GRADES DEFINED ON PLAN, KEEPING MEMBER DEPTHS CONSTANT AS DETAILED OR SCHEDULED, UNLESS NOTED OTHERWISE. SLOPE UNIFORMLY BETWEEN ELEVATIONS GIVEN.

20. REINFORCING, INCLUDING WELDED WIRE FABRIC, FOR SLABS ON GRADE AND FOOTINGS SHALL BE SUPPORTED ON SOLID CONCRETE BLOCKS AT 5'-0" ON CENTER MAXIMUM EACH WAY. REINFORCING, INCLUDING WELDED WIRE FABRIC, FOR OTHER SLABS SHALL BE SUPPORTED ON CHAIRS AND BOLSTERS AT ALL SUPPORTS AND AT 5'-0" ON CENTER MAXIMUM BETWEEN SUPPORTS.

## CONCRETE CONSTRUCTION NOTES (CONT'D)

21. VERTICAL CONSTRUCTION JOINTS IN CONCRETE WALLS SHALL BE LOCATED AT MIDPOINT BETWEEN ANY SUPPORTING PIERS OR BUTTRESSES, AND AT LEAST 4'-0" FROM ANY WALL OPENING EXCEPT WHERE SPECIFICALLY SHOWN ON THE DRAWINGS. HORIZONTAL CONSTRUCTION JOINTS SHALL NOT BE PERMITTED, EXCEPT WHERE SHOWN ON DETAILS.

22. PROVIDE SHEAR KEY IN ALL CONSTRUCTION JOINTS IN WALLS.

23. ALL CONSTRUCTION JOINTS SHALL BE THOROUGHLY CLEANED AND TREATED WITH THE SPECIFIED BONDING COMPOUND JUST BEFORE PLACING NEW CONCRETE. 24. SEE ARCHITECTURAL DRAWINGS FOR DETAILS OF WEEPHOLES, FLASHING REGLETS, FASCIA DETAILS, ETC.

25. UNDER NO CIRCUMSTANCES SHALL CONCRETE BE PUMPED THROUGH ALUMINUM PIPES. CONCRETE SHALL NOT BE PLACED IN CONTACT WITH ALUMINUM, ALUMINUM MIXING DRUMS, TRUCK MIXERS, BUGGLES, CHUTES, CONVEYORS, TREMIE PIPES, AND OTHER EQUIPMENT MADE OF ALUMINUM SHALL NOT BE USED ON THIS PROJECT.

26. WHERE CONCRETE ABUTS MASONRY, PROVIDE VERTICAL METAL SLOTS TO RECEIVE GALVANIZED METAL DOVETAIL ANCHORS. SLOTS SHALL BE SPACED AT 24" ON CENTER. 27. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR FABRICATION, BENDING, AND

PLACEMENT OF CONCRETE REINFORCEMENT. SHOP DRAWINGS SHALL COMPLY WITH ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES". 28. ALL CONCRETE REINFORCING IS SUBJECT TO INSPECTION BY THE DESIGN ENGINEER

DISCREPANCY FROM ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" 29. COLD OR HOT WEATHER CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH

PRIOR TO CONCRETE PLACEMENT. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY

THE APPLICABLE CODE REQUIREMENTS. 30. INSTALLATION OF POST-INSTALLED ADHESIVE ANCHORS MUST BE INTO CONCRETE THAT HAS A MINIMUM AGE OF 21 DAYS AT THE TIME OF INSTALLATION.

#### STEEL CONSTRUCTION NOTES

ALL STRUCTURAL STEEL WORK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC CODE OF STANDARD PRACTICE. STRUCTURAL STEEL SHALL BE NEW, CLEAN, AND STRAIGHT, AND SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

A. WIDE FLANGE ROLLED SHAPES: ASTM A992, GRADE 50 (Fy = 50 KSI). B. PLATES, ANGLES, BARS, CHANNELS, AND S SHAPES: ASTM A36 (Fy = 36 KSI). C. RECTANGULAR HSS: ASTM A500, GRADE B (Fy = 46 KSI).

D. ROUND HSS: ASTM A500, GRADE B (Fy = 42 KSI).

E. PIPE: ASTM A53, TYPE E OF S, GRADE B (Fy = 35 KSI).

ALL ANCHOR RODS, UNLESS OTHERWISE NOTED, SHALL BE ASTM F1554, GRADE 36. ALL BOLTED CONNECTIONS, UNLESS OTHERWISE NOTED, SHALL BE 3/4"Ø A325 HIGH STRENGTH BOLTS, IN BEARING TYPE CONNECTIONS AND SHALL BE PROVIDED WITH HARDENED WASHERS UNDER THE TURNED ELEMENT (NUT OR BOLT THREAD). ALL STRUCTURAL STEEL SHALL BE PAINTED WITH ONE COAT OF SHOP PRIMER. THE

EXCEPTIONS INCLUDE WHERE FIELD WELDING OR SLIP CRITICAL BOLTING IS TO BE DONE, WHERE STEEL IS TO RECEIVE SPRAY-ON FIREPROOFING, WHERE STEEL IS TO BE EMBEDDED IN CONCRETE, AND WHERE STEEL IS TO BE HOT-DIPPED GALVANIZED. 5. STRUCTURAL STEEL EXPOSED TO WEATHER, EXCESSIVE MOISTURE, OR CORROSIVE

ENVIRONMENT AND AS INDICATED ON CONSTRUCTION DOCUMENTS, SHALL BE HOT-DIPPED GALVANIZED, MEETING REQUIREMENTS OF ASTM A123 AND A153 AS APPLICABLE.

INSTALLATION AND TIGHTENING OF ALL HIGH STRENGTH BOLTS SHALL CONFORM TO THE AISC "SPECIFICATION FOR THE STRUCTURAL JOINTS USING ASTM A325 OR A490 CONNECTIONS MAY BE WELDED OR HIGH STRENGTH BOLTED. ALL CONNECTIONS SHALL

CONFORM TO THE TYPICAL CONNECTION DETAILS SHOWN ON THE DRAWINGS. 8. ALL WELDING SHALL CONFORM TO THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE - STEEL (AWS D1.1) AND SHALL BE DONE BY A.W.S. QUALIFIED WELDERS

USING E70XX ELECTRODES. 9. ALL CONTACT SURFACES WITHIN HIGH STRENGTH BOLTED CONNECTIONS AND WELDING AREAS SHALL BE FREE OF OIL, PAINT, AND LACQUER.

10. THE CONTRACTOR SHALL COORDINATE THE SIZE AND LOCATION OF ALL ROOF OPENINGS SHOWN ON THE STRUCTURAL, ARCHITECTURAL AND/OR MECHANICAL. PLUMBING, AND ELECTRICAL DRAWINGS. ANY STEEL WHICH IS NOT SHOWN ON THE CONTRACT DRAWINGS AS FURNISHED BY THE STRUCTURAL STEEL CONTRACTOR AND WHICH IS REQUIRED BY THE MECHANICAL, PLUMBING, AND ELECTRICAL TRADES FOR OPENINGS AND/OR TO SUPPORT THEIR WORK SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR REQUIRING SUCH STEEL, UNLESS OTHERWISE NOTED.

11. CUTS, HOLES, COPING, ETC. REQUIRED IN STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES SHALL BE SHOWN ON THE STRUCTURAL STEEL SHOP DRAWINGS AND BE MADE IN THE SHOP. HOLES SHALL BE REINFORCED AND APPROVED

BY THE STRUCTURAL ENGINEER. 12. BURNING OF HOLES, CUTS, ETC. IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE PERMITTED, EXCEPT WITH THE SPECIFIC WRITTEN PERMISSION OF THE ENGINEER.

FABRICATION A MINIMUM OF TWO (2) WEEKS PRIOR TO THE START OF FABRICATION.

13. FOR MISCELLANEOUS STEEL, SEE ARCHITECTURAL DRAWINGS. 14. SUBMIT ALL STRUCTURAL STEEL SHOP DRAWINGS FOR REVIEW PRIOR TO ANY

## WOOD TRUSS CONSTRUCTION NOTES

1. ROOF TRUSSES SHALL BE PRE-MANUFACTURED WOOD TRUSSES DESIGN BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MO. TRUSS DESIGN DRAWINGS SHALL BE SIGNED AND SEALED BY THE DESIGN PROFESSIONAL ENGINEER AND SHALL

INCLUDE, AT A MINIMUM, THE FOLLOWING: a. SLOPE OR DEPTH, SPAN AND SPACING

b. LOCATIONS OF JOINTS

c. REQUIRED BEARING WIDTHS

d. DESIGN LOADS AS APPLICABLE e. TOP CHORD LIVE LOAD (INCLUDING SNOW LOADS)

TOP CHORD DEAD LOAD

BOTTOM CHORD LIVE LOAD

BOTTOM CHORD DEAD LOAD CONCENTRATED LOADS AND THEIR POINTS OF APPLICATION AS APPLICABLE

CONTROLLING WIND AND EARTHQUAKE LOADS AS APPLICABLE k. ADJUSTMENTS TO LUMBER AND METAL CONNECTOR PLATE DESIGN VALUE FOR CONDITIONS OF USE

I. EACH REACTION FORCE AND DIRECTION m. METAL CONNECTOR PLATE TYPE, SIZE, THICKNESS OR GAGE, AND THE DIMENSIONED LOCATION OF EACH METAL CONNECTOR PLATE EXCEPT WHERE

SYMMETRICALLY LOCATED RELATIVE TO THE JOINT INTERFACE n. LUMBER SIZE, SPECIES AND GRADE FOR EACH MEMBER

o. CONNECTION REQUIREMENTS FOR:

o.a. TRUSS TO TRUSS o.b. TRUSS PLY TO PLY

o.c. FIELD SPLICES p. CALCULATED DEFLECTION RATIO AND MAXIMUM VERTICAL AND HORIZONTAL DEFLECTION FOR LIVE AND TOTAL LOAD AS APPLICABLE MAXIMUM AXIAL TENSILE AND COMPRESSION FORCES IN THE TRUSS MEMBERS

REQUIRE PERMANENT INDIVIDUAL TRUSS MEMBER BRACING INCHES OR TWO SPACES, WHICHEVER IS LONGER. SHEETS SHALL BE WIRED TOGETHER. 2. DESIGN, MANUFACTURE AND QUALITY ASSURANCE OF METAL-PLATE- CONNECTED WOOD TRUSSES SHALL BE IN ACCORDANCE WITH TPI 1.

## WOOD CONSTRUCTION NOTES

1. STRUCTURAL SAWN LUMBER, STRUCTURAL GLUED LAMINATED TIMBER, STRUCTURAL COMPOSITE LUMBER. AND FASTENERS ARE TO CONFORM TO THE "NATIONAL DESIGNS SPECIFICATION (NDS) FOR WOOD CONSTRUCTION USING ALLOWABLE STRESS DESIGN (ASD). ALL LUMBER SHALL BEAR THE GRADE THE GRADE MARK OF A GRADING RULES AGENCY APPROVED BY THE AMERICAN LUMBER STANDARD COMMITTEE.

2. DIMENSIONAL LUMBER SHALL BE DOUGLAS FIR LARCH (NORTH), CONFORMING TO THE FOLLOWING MINIMUM STRESS REQUIREMENTS:

2"-4" FRAMING (NO. 1/NO. 2): 5"x5" AND LARGER (NO. 1): Fb - 1,200 psi Fb - 850 psi Ft - 500 psi Ft - 825 psi Fv - 170 psi Fv - 180 psi Fcperp - 625 psi Fcperp - 625 psi Fcpar - 1,400 psi Fc<sub>par</sub> - 1,000 psi

3. STRUCTURAL COMPOSITE LUMBER INDICATED LVL AND PSL ARE LAMINATED VENEER LUMBER AND PARALLEL STRAND LUMBER, RESPECTIVELY, AS MANUFACTURED BY iLEVEL, OR EQUAL, WITH THE FOLLOWING MINIMUM PROPERTIES:

E - 1,600,000 psi

Fc<sub>par</sub> - 2,900 psi

E - 2,000,000 psi

PSL BEAM: Fb - 2,600 psi Fb - 2,900 psi Ft - 1,555 psi Ft - 2,025 psi Fv - 285 psi Fv - 290 psi Fcperp - 750 psi Fcperp - 750 psi

E - 1,900,000 psi PSL COLUMN: Fb - 2,400 psi Ft - 1,755 psi Fv - 190 psi

Fcperp - 425 psi

Fcpar - 2,500 psi

E - 1,800,000 psi

Fcpar - 2,510 psi

E - 1,600,000 psi

4. GRADE LOSS RESULTING FROM WEATHERING, HANDLING, STORAGE, RESAWING, OR

DIVIDING LENGTHS WILL BE CAUSE FOR REJECTION. 5. DO NOT NOTCH OR DRILL JOISTS, BEAMS, OR LOAD BEARING STUDS WITHOUT PRIOR

APPROVAL OF THE STRUCTURAL ENGINEER. 6. ALL SILL PLATES ON EXTERIOR FOUNDATION WALLS AND EXTERIOR WALL SHEATHING LOCATED WITHIN 8" FROM EXPOSED EARTH SHALL BE PRESERVATIVE TREATED USING

WATER-BORNE PRESERVATIVES IN ACCORDANCE WITH AWPA U1. ROOF SHEATHING SHALL BE 3/4" APA RATED 48/24 C-D EXPOSURE I, AS DESIGNATED ON DRAWINGS

EXTERIOR WALL SHEATHING SHALL BE 5/8" APA RATED 16/0 C-D, EXPOSURE 1. SHEATHING SHALL BE CONTINUOUS OVER THREE OR MORE SUPPORTS AND SHALL BE INSTALLED WITH FACE GRAIN PERPENDICULAR TO SUPPORTS WITH JOINTS STAGGERED.

10. ROOF SHEATHING SHALL BE FASTENED WITH 10d COMMON NAILS AT 6" O.C AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. 1 1/2" EMBEDMENT MINIMUM IN TRUSS CHORD OR BLOCKING. PROVIDE BLOCKING AT ALL EDGES OF SHEATHING.

11. SHEATHING SHALL NOT BE LESS THAN 4' X 8', EXCEPT AT BOUNDARIES AND CHANGES IN FRAMING 12. BUILT UP COLUMNS SHALL BE FASTENED TOGETHER AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE DRAWINGS:

1 ROW 10d NAILS @ 6" O.C., STAGGERED, 1" MIN. EDGE DISTANCE (3) 2X4 - 1 ROW 30d NAILS @ 8" O.C., STAGGERED, 1 1/2" MIN. EDGE DISTANCE (2) 2x6 - 2 ROWS 10d NAILS @ 6" O.C., 1" MIN. EDGE DISTANCE

(3) 2x6 - 2 ROWS 30d NAILS @ 8" O.C., 1 1/2" MIN. EDGE DISTANCE 13. NAILS AND STAPLES SHALL CONFORM TO ASTM F 1667. NAILS INDICATED ON PLANS, SECTIONS, AND NOTES ARE COMMON NAILS UNLESS OTHERWISE NOTED 8d - 0.131" x 2 1/2"

10d - 0.148" x 3"

16d - 0.162" x 3 1/2" 14. FASTENERS IN CONTACT WITH PRESERVATIVE TREATED WOOD SHALL BE HOT-DIPPED

GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE, OR COPPER, 15. METAL CONNECTORS CALLED OUT ON THE DRAWINGS ARE AS MANUFACTURED BY "SIMPSON STRONG-TIE COMPANY, INC." USE MANUFACTURER'S RECOMMENDED NAILING AT ALL METAL CONNECTORS. SUBSTITUTIONS WILL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.

16. PROVIDE SOLID BLOCKING AND CONTINUOUS STUDS TO BEARING LEVEL BELOW ALL KING AND JACK STUDS IN BEARING WALLS.

17. ALL CONNECTORS TO STRUCTURAL COMPOSITE LUMBER SHALL BE FASTENED TO THE WIDE FACE OF THE MEMBER ONLY AND NOT TO THE EDGES OF THE LUMBER

## SHOP DRAWING SUBMITTALS

GENERAL CONTRACTOR (GC) SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW OF ALL REQUIRED INFORMATION AS INDICATED IN THE DRAWINGS AND

SPECIFICATIONS, PRIOR TO ANY FABRICATION. 2. NO PORTION OF THE STRUCTURAL DRAWINGS SHALL BE REPRODUCED FOR USE AS SHOP DRAWINGS.

ALL DIMENSIONS SHALL BE COORDINATED BY THE GC AND/OR THE DETAILER. DETAILER SHALL USE THE SAME GRID IDENTIFICATIONS AS THOSE SHOWN ON THE CONTRACT DRAWINGS. 5. ALL SHOP DRAWINGS SHALL BE SUBMITTED PRIOR TO PROCEEDING WITH ANY

ASSOCIATED WORK AND SHALL ALLOW FOR SUFFICIENT REVIEW TIME. SUBMIT A MINIMUM OF TWO (2) WEEKS PRIOR TO THE START OF FABRICATION. 6. SHOP DRAWINGS SHALL BE SUBMITTED WITH GC'S STAMP OF APPROVAL, CERTIFYING THE GC HAS COORDINATED AND VERIFIED ALL DIMENSIONS, MATERIALS, AND ANY ADDITIONAL INFORMATION AFFECTING STRUCTURAL WORK. THE GC'S REVIEW INCLUDES BUT IS NOT LIMITED TO COORDINATION AND VERIFICATION OF ACTUAL FIELD

CONDITIONS, DIMENSIONS, ELEVATIONS, AND SUPPORTS AND OPENINGS FOR ACTUAL EQUIPMENT PURCHASED. 7. SHOP DRAWINGS NOT COMPLYING WITH THE ABOVE SHALL BE RETURNED FOR

CORRECTION WITHOUT REVIEWING. 8. RESUBMITTED SHOP DRAWINGS SHALL INCLUDE ALL CHANGES ON THE DRAWINGS CLOUDED AND MARKED WITH REVISION TAG NUMBER.

9. GC SHALL NOT PROCEED WITH ANY WORK OR FABRICATION UNTIL THE SHOP DRAWINGS

HAVE BEEN REVIEWED AND APPROVED BY THE ENGINEER.

^^^^^^^^^^^^^^^^^ SPECIAL INSPECTIONS ITEMS REMARKS INSPECTION SOIL BC 1705.6 TABLE 1705.6 STRUCTURAL STEEL BC 1705.2 AISC 360, CHAPTER N BC 1705.3 TABLE 1705.3 COCNRETE

CONTRACTOR SHALL SUPERVISE AND DIRECT THE VORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCT MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB SITE SAFETY

2. GC MUST PROVIDE & INSTALL ALL PRODUCTS PER PLANS. ONLY SUBSTITUTED PRODUCTS NEED TO F SUBMITTED TO THE ARCHITECT FOR APPROVAL UNAPPROVED SUBSTITUTIONS WILL BE REPLACED THE EXPENSE OF THE GC.

3. VERBAL REPRESENTATION HAS NO VALUE AND AL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, MUST BE SUBMITTED IN WRITING TO THE ARCHITECT & TLE FOR APPROVAL



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NO. DATE DESCRIPTION FOR PERMIT 06-14-23 3 08-14-23 PER TLE AND CODE COMMENTS

REVISION O. DATE DESCRIPTION 08-16-23 CODE COMMENTS

> PROFESSIONAL CERTIFICATION MATTHEW B. JARMEL, AIA, MBA

LICENSE NUMBER: A2017014316

TLEMO22-164 **AS NOTED** Approved By: Drawn Bv:

**GENERAL NOTES** 

Drawing Name:



			FIXTURE			FIXTURE CONNE				SUPPLY I	IXTURE	GP	 М	SANITARY	
TAG	DESCRIPTION	MANUFACTURER No.	TRIM No.	SUPPORT No.	TYPE	SOIL OR WASTE	VENT	CW	HW	CW	HW	CW	HW	WASTE DFU	REMARKS
WC-1	WATER CLOSET	AMERICAN STANDARD  MADERA FLOWISE 16-1/2" ELONGATED  MODEL 3043.001 (ELONGATED  BOWL; 16.5" RIM; TOP SPUD)	FLUSH VALVE SLOAN ROYAL #111	FLOOR MTD 18" FROM SIDE WALL TO CENTER	NO TANK	4"	2"	1"		5.0		3.0		4.0	1.1 GPF/ LEVER HANDLE TO SIDE OF ROOM
WC-2	WATER CLOSET	OPEN SEAT 12x18 ROUGH  AMERICAN STANDARD  MADERA FLOWISE 14" ELONGATED  MODEL 2599.001 (ELONGATED  BOWL; 14" RIM; TOP SPUD)  OPEN SEAT 12x18 ROUGH	FLUSH VALVE SLOAN ROYAL #111	FLOOR MTD 14" FROM SIDE WALL TO CENTER	NO TANK	4"	2"	1"	<u></u>	5.0	_	3.0		4.0	1.1 GPF/ LEVER HANDLE TO 4.2 LPF SIDE OF ROOM
WC-3	WATER CLOSET	AMERICAN STANDARD  10" BABY DEVORO  PRESSURE ASSISTED  TOILET 2282.001, OPEN  FRONT SEAT LESS COVER	FLUSH VALVE SLOAN ROYAL #111	FLOOR MTD 12" FROM SIDE WALL TO CENTER	NO TANK	4"	2"	1"		5.0		2.5		4.0	COORDINATE WATER SUPPLY WITH GRAB BAR HEIGHT  1.28GPF/ LEVER HANDLE TO SIDE OF ROOM
L-1	LAVATORY	AMERICAN STANDARD LUCERNE WALL HUNG LAV MODEL 0355.012	FAUCET:MOEN 8938 (4")	WALL HUNG	-	1-1/2"	1-1/2"	1/2"	1/2"	1.0	1.0	2.0	2.0	1.0	F
DF-1	EXTERIOR DRINKING FOUNTAIN	ELKAY NO LEAD SWIRFLO EDFP214C (NO WALL PLATE & NO FROST EDFP214FPK (FROST-PROOF) FOR NORT	,	ES.	WALL MOUNTED	1-1/2"	1-1/2"	1/2"		0.5	_	0.75	-	0.5	REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTIN
DF-2	INTERIOR DRINKING FOUNTAIN	FOR INTERIOR LOC. ELKAY LZSTLDDWSI ELKAY EZH2O BOTTLE FILLING STATIO NON-REFRIGERATED, LIGHT GRAY	_K N & VERSATILE BI-LEVEL ADA COOL	ER, FILTERED	WALL MOUNTED	1-1/2"	1-1/2"	1/2"		0.5	_	0.75	-	0.5	REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT
S-1	PANTRY HAND/ PREP SINK/ CLASSROOM SINK	ELKAY SINGLE BOWL SINK MODEL PSRADQ 1919-55 L/R	FAUCET MOEN TWO HANDLE BAR MODEL 4903 2 HOLES 4" CENTERS		-	2"	1-1/2"	1/2"	1/2"	1.5	1.5	3.0	3.0	2.0	INDIRECT WASTE FOR PANTRY PREP SINK ONLY. SAM SERVES AS THE CLASSROOM SINK.
S-2	3 BAY SINK	AERO MANUFACTURING CO.	AERO NSF F3 SERIES TRIPLE SINK MF3-1818	FAUCET AERO S6 14" ONE SET	FLOOR MOUNTED WITH LEGS	2"	1-1/2"	1/2"	1/2"	1.5	1.5	3.0	3.0	2.0	PROVIDE W/ AERO LEVERWASTE MODEL S-97. PROVID DRAINBOARDS W/ STAINLESS STEEL FEET SO THAT THE ANGLE INTO SINK AND HAVE PROTECTIVE BOTTOM, SECOUNTER DOESN'T SCRATCH. PROVIDE ONE ON EACH PROVIDE INDIRECT WASTE AT EACH BASIN (REF. DTL. PROVIDE (2) COUNTERTOP DRAIN BOARDS (AERO 4D-PROVIDE INDIVIDUAL DRAIN LEVERS.
S-3	LAUNDRY SINK	FIAT	FL-1 W/LEGS	MOEN FAUCET 4903	FLOOR MOUNTED WITH LEGS	2"	1-1/2"	1/2"	1/2"	2.0	2.0	3.0	3.0	2.0	
S-4	JANITOR SINK	FIAT	MSB2424	FAUCET 830-AA	FLOOR MOUNTED	2"	1-1/2"	1/2"	1/2"	2.0	2.0	3.0	3.0	2.0	PROVIDE HOSE AND HOSE BRACKET 832-AA PROVIDE MOP HANGER 889-CC
FD-1	FLOOR DRAIN	J.R. SMITH	MODEL NO. 2010 A	-	WITH 4"DEEP TRAP (WITH PRIMER)	3"	1-1/2"			_					
HB-1	HOSE BIB	ZURN	MODEL Z1341XL	-	WALL MOUNTED					_		-			ANNUAL WINTERIZATION SHALL BE PART OF TLE OPERATIONAL MAINTENANCE. VANDAL RESISTANT.
FS-1	FLOOR SINK	ZURN	MODEL NO. Z1751	-	WITH 8" DEEP SUMP DEPTH	3"	1-1/2"			_					
SH-1	SHOWER	FREEDOM SHOWERS	APFQ3637BF3P-RRF		~~~~~	2"	1-1/2"	1/2"	1/2"	2.0	2.0	3.0	3.0	2.0	***************************************

GREASE	TRAP SCHE	DULE						
TAG	TYPE	MFGR	MODEL	OUTLET	INLET	GPM	CAP.	REMARKS
GT-1	RECESSED	SCHIER	GB-25	3"	3"	25	50	LIFTOUT SEDIMENT BUCKET WITH ACCESS HOUSING PROVIDE VENTED FLOW CONTROL DEVICE

NOTE:

CONTRACTOR SHALL VERIFY WITH LOCAL CODE OFFICIAL IF THE GREASE TRAP IS REQUIRED AND IF SO, IT SHALL BE INSTALLED BELOW SLAB, FLUSH TO FLOOR IN CENTER OF THE ROOM AND MUST NOT BLOCK ANY CABINETS OR SINKS. IF NOT REQUIRED BY CODE, GREASE TRAP CAN BE OMITTED

ı	H. W. RECIRC	ULATING PUMP							
I	TAG	LOCATION	MAKE & MODEL	STATIC HD FT.	GPM	RPM	WATTS	ELEC DATA	REMARKS
	HWRP-1	MECH.ROOM	BELL&GOSSETT NBF-8S/LW	5 FT	5	2800	39	115V-1PH-60HZ	

PUMP SHALL BE CONTROLLED BY A DEDICATED TIME CLOCK LOCATED IN THE SAME ROOM AS THE WATER HEATER. SEE ELECTRICAL DWGS FOR DETAILS.

EXPANSION TA	SION TANK SCHEDULE								
TAG	TOTAL CAPACITY	MANU. & MODEL	LOCATION						
ET-1	8.5	WATTS PLT-20	MOUNTED IN THE CEILING OF MECHANICAL ROOM						
ET-2	2.1	WATTS PLT-20	MOUNTED IN THE CEILING OF THE JANITOR ROOM						

ELECTRIC WATER HEATER SCHEDULE												
TAG	STORAGE GALS	RE GPH	COVERY DEG RISE	NUMBER ELEMENTS	ELEC <sup>*</sup>	TRICAL	PH	HZ	TEMP SETTING	LOCATION	MANUFACTURER & MODEL	REMARKS
EWH-1	120	102	60° F	3	15.0	208	3	60	110 F	ON FLOOR OF MECH. ROOM	RHEEM ES-120	PROVIDE EXPANSION TANK & RECIRCULATION PUMP HWRP-1
EWH-2	50	109	90° F	2	24.0	208	3	60	140 F	ON FLOOR OF JANITOR'S CL	RHEEM ES-50	PROVIDE EXPANSION TANK

GREASE TRAP SELECTION								
DETERMINE THE CUBIC CONTENT OF THE FIXTURE	$\frac{3 \text{ BAY SINK} - 18" \times 18" \times 14" = 4,536 \text{ IN}^3 \times 3 \text{ (BAY)} = 13,608 \text{ IN}^3}{\text{PREP SINK}} - 16" \times 13\frac{1}{2}" \times 5\frac{3}{6}" = 1,161 \text{ IN}^3$							
DETERMINE THE CAPACITY IN GALLON 1 GAL=231 CUBIC INCHES	CONTENTS IN GALLONS 14,769 IN <sup>3</sup> /231 = 63.94 GALLONS.							
DETERMINE ACTUAL DRAINAGE LOAD ACTUAL DRAINAGE LOAD = 75% OF FIXTURE CAPACITY	ACTUAL DRAINAGE LOAD 0.75 x 63.94= 47.95 GALLONS							
DETERMINE THE FLOW RATE AND THE DRAINAGE PERIOD FLOW RATE = ACTUAL DRAINAGE LOAD/DRAINAGE PERIOD	CALCULATE FLOW RATE FOR 2 MINUTE PERIOD 47.95/2 MIN= 23.97 GPM							
SIZE OF GREASE TRAP	23.97 GPM REQUIRES A GREASE TRAP SIZE OF 50 LB/25 GPM SEE GREASE TRAP SCHEDULE FOR SELECTION							

WATER HAMM	ER ARRESTOR S	CHEDULE			
TAG	PIPE SIZE	J.R. SMITH	JOSAM	ZURN	REMARKS
WHA-A	1/2"	5005	EQUAL	EQUAL	STAINLESS STEEL
WHA-B	1"	5007	EQUAL	EQUAL	STAINLESS STEEL

HERMOSTATIC MIXING VALVE	SCHEDITIE	
MARK	TMV-1	
MANUFACTURER	SYMMONS	
MODEL NO.	7-1000NW	
INLET& OUTLET SIZE	1 1/2" & 2"	
SERVICE	EWH-1	
MAX FLOW RATE (GPM)	140	
PRESSURE DROP (PSI)	20 @ 100 GPM	
INLET TEMP. (COLD WATER)	40	
OUTLET TEMP. (HOT WATER)	110	

BACKFLOW PREVENTE	ER SCHEDULE
MARK	BFP-1
MANUFACTURER	WATTS
MODEL NO.	957 (FOR 2 ½" OR HIGHER CW SERVICE) 009 (FOR 2 " OR LESS CW SERVICE)
SERVICE	BUILDING
TYPE	RED. PRESSURE
REMARKS	1
1. SEE SPECIFICATIONS FOR	

APPROVED EQUALS.

Α			I		
	AFF	Above Finish Floor		ID	Inside Diameter
	AP	Access Panel		IN	Inch
				INV	Invert Elevation
В				IW	Indirect Waste
	BLDG	Building			
	ВОВ	Bottom Of The Beam	J		
	BOP	Bottom Of Pipe		JS	Janitor Sink
	ВТ	Bath Tub			
	BWV	Back Water Valve	M		
			IVI	NAA.V	Management
С				MAX	Maximum
O				MECH	Mechanical
	CFH	Cubic Feet per Hour		MH	Manhole
	CFM	Cubic Feet per Minute		MIN	Minimum
	CFS	Cubic Feet Per Second		MSB	Mop Service Basin
	CI	Cast Iron			
	CLG	Ceiling	N		
	CLDI	Cement Lined Ductile Iron		(N)	New
	CO	Cleanout		NC	Normally Closed
	CONC	Concrete		NIC	Not In This Contract
	CONN	Connection		NO	Normally Open
	CONT	Continuation		NO	Normally Open
	COTG	Cleanout To Grade			
	CP	Chrome Plated	0		
	CTE			OD	Outside Diameter
		Connect to Existing		OED	Open End Drain
	CV	Check Valve			
	CW	Cold Water	Р		
	CWR	Cold Water Return		P/FT	Pitch Per Foot
	CWS	Cold Water Supply		PIV	
					Post Indicator Valve
D				PLBG	Plumbing
	DCVA	Double Check Valve Assembly		POC	Point Of Connection
	DF	Drinking Fountain		PRV	Pressure Reducing Valve
	DIA	Diameter		PSI	Pounds per Square Inch
	DN				
		Down	R		
	DROP	Drop (Within Floor)		RC	Roof Receptor
	DWG	Drawing		RD	Roof Drain
	DWV	DRAIN WASTE AND VENT		RISE	Rise (With In Floor)
				RPBP	Reduced Pressure Backflow Prevent
Ε				INF DF	Neduced Flessure Dackilow Flevent
	(E)	Existing	S		
	EL	Elevation	3		
	ET	Expansion Tank		SA	Shock Absorber
	EWC	Electrical Water Cooler (Drinking Fountain)		SAN	Sanitary
				SD	Sanitary Drain
_				SHWR	Shower
F				SE	Sewage Ejector
	FCO	Floor Cleanout		SF	Square Feet
	FD	Floor Drain		SK	Sink
	FEC	Fire Extinguisher Cabinet		SP	Sump pump
	FHC	Fire Hose Cabinet		SPKR	Sprinkler
	FHR	Fire Hose Rack		SS	Soil Stack or Stainless Steel
	FHV	Fire Hose Valve		ST	
	FHVC	Fire Hose Valve Cabinet		٥I	Storm Piping
	FL	Floor	_		
	FP	Fire Protection	Т		
				TLT	Toilet
	FPWH	Freeze Proof Wall Hydrant		TOP	Top Of Pipe
	FS	Flow Switch		TOS	Top Of Slab
	FSK	Floor Sink		TS	Tamper Switch
	FT	Feet		TW	Tempered Water
	FV	Flush Valve		TYP	Typical
					Тургоси
G			U		
	GAL	Gallons	U		
	GALV	Galvanized		U	Urinal
	GCO	Ground Clean Out		UON	Unless Otherwise Noted
				UP	Up (Penetrates Floor Slab)
	GI	Grease Interceptor			
	GPF	Gallons per Flush	V		
	GPM	Gallons per Minute		V	Vent
	GT	Grease Trap			
	GV	Gate Valve		VB	Vacuum Breaker
				VFD	Variable Frequency Drive
				VS	Vent Stack
Н		Hoso Bih		VTR	Vent through Roof
Н	ШΒ	Hose Bib			
Н	НВ	Handisassad			
Н	HC	Handicapped	W		
Н	HC HW	Hot Water	W	W	Washer
н	HC HW HWR		W	W	Washer
Н	HC HW	Hot Water	W	WC	Water Closet (Toilet)
Н	HC HW HWR	Hot Water Hot Water Return	W		

LUMBING ABBREVIATIONS							
	l						
Above Finish Floor		ID	Inside Diameter				
Access Panel		IN	Inch				
		INV	Invert Elevation				
		IW	Indirect Waste				
uilding —	J						
ottom Of The Beam	J	10	lanitas Ciali				
ottom Of Pipe ath Tub		JS	Janitor Sink				
atn Tub ack Water Valve							
ack water valve	М						
		MAX	Maximum				
		MECH	Mechanical				
cubic Feet per Hour		MH	Manhole				
Cubic Feet per Minute		MIN	Minimum				
ubic Feet Per Second		MSB	Mop Service Basin				
Cast Iron	N						
Ceiling	IN						
Cement Lined Ductile Iron Cleanout		(N)	New				
Deanout Concrete		NC NIC	Normally Closed				
Connection		NIC	Not In This Contract				
Continuation		NO	Normally Open				
Eleanout To Grade	0						
Chrome Plated	U	0.0	Outside Diese d				
Connect to Existing		OD OED	Outside Diameter				
Check Valve		OED	Open End Drain				
old Water	——— Р						
cold Water Return	۲	D/CT	Ditab Dec Foot				
Cold Water Supply		P/FT	Pitch Per Foot				
		PIV	Post Indicator Valve				
		PLBG POC	Plumbing Point Of Connection				
ouble Check Valve Assembly		PRV	Pressure Reducing Valve				
rinking Fountain		PSI	Pounds per Square Inch				
iameter		1 01	Tourius per oquare mon				
own	R						
rop (Within Floor)		RC	Poof Poopstor				
rawing		RD	Roof Receptor Roof Drain				
PRAIN WASTE AND VENT		RISE	Rise (With In Floor)				
		RPBP	Reduced Pressure Backflow Preventer				
		וטואו	TOGGOOD FIGOGUE DOUNION FIGYEINE				
xisting	S						
levation	J	SA	Shock Absorber				
xpansion Tank		SA SAN	Sanitary				
lectrical Water Cooler (Drinking Fountain)		SAN	Sanitary Drain				
		SHWR	Shower				
		SE	Sewage Ejector				
Floor Cleanout		SF	Square Feet				
Floor Drain		SK	Sink				
ire Extinguisher Cabinet		SP	Sump pump				
ire Hose Cabinet		SPKR	Sprinkler				
Fire Hose Rack		SS	Soil Stack or Stainless Steel				
ire Hose Valve		ST	Storm Piping				
ire Hose Valve Cabinet			· -				
loor	Т						
ire Protection		TLT	Toilet				
reeze Proof Wall Hydrant		TOP	Top Of Pipe				
low Switch		TOS	Top Of Slab				
loor Sink		TS	Tamper Switch				
eet lush Valve		TW	Tempered Water				
usii vaive		TYP	Typical				
<del></del>	-						
allana	U						
allons		U	Urinal				
alvanized round Clean Out		UON	Unless Otherwise Noted				
round Clean Out Frease Interceptor		UP	Up (Penetrates Floor Slab)				
allons per Flush							
Sallons per Minute	V						
Grease Trap		V	Vent				
Sate Valve		VB	Vacuum Breaker				
		VFD	Variable Frequency Drive				
		VS	Vent Stack				
łose Bib		VTR	Vent through Roof				
landicapped							
ot Water	W						
lot Water Return		W	Washer				

1	1. CONTRACTOR SHALL SUPERVISE AND DIRECT THE
<b>1</b>	WORK USING THE CONTRACTOR'S BEST SKILL AND
	ATTENTION. THE CONTRACTOR SHALL BE SOLELY
	RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION
	MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB
	SITE SAFETY

2. GC MUST PROVIDE & INSTALL ALL PRODUCTS PER PLANS. <u>ONLY</u> SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED A THE EXPENSE OF THE GC.

3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, <u>MUST</u> BE SUBMITTED IN WRITING TO THE ARCHITECT & TLE FOR APPROVAL.

SYMBOL	ABBREVIATION	DESCRIPTION
-> <b>∞</b> (- <sub>&gt;</sub>	BV	BALL VALVE
-> Ø	GATE	SHUT OFF VALVE
	RV	RELIEF VALVE
- <b>&gt;</b>		GAS VALVE
<del></del>	DN	PIPE ELBOW DOWN OR DROP
~	UP	PIPE ELBOW UP OR RISE
	CW	COLD WATER
	HW	HOT WATER
	HWR	HOT WATER RETURN (SET@110F
per	GP	GREASE PIPING
——— SAN ———	SAN	SANITARY
SANV	SANV	VENT
⊢—STM——	STM	STORM PIPING
E		AMERICAN DISABILITIES ACT
	EWH	ELECTRIC WATER HEATER
	VTR	VENT THRU ROOF
ı	C.O.	CLEANOUT
<b>O</b>	C.O.D.P.	CLEANOUT DECK PLATE
<b>!</b> ─	W.C.O.	WALL CLEANOUT
	C.O.W.P.	CLEANOUT WALL PLATE
<u> </u>	WHA	WATER HAMMER ARRESTOR
	F.D.	FLOOR DRAIN
<b>№</b> ~		CHECK VALVE
	CV	CONTROL VALVE
本	НВ	HOSE BIBB
		PUMP
$\vdash$		STRAINER
' ~\  Z	VB	VACUUM BREAKER
	L-1	LAVATORY SINK
	WC-1 / WC-2 / WC-3	
	S-3	
	J-3	LAUNDRY SINK
	W-1	WASHER
•	S-1	PANTRY HAND/PREP AND CLASSROOM SINK
	S-2	3-BAY SINK
	DF-1	DRINKING FOUNTAIN
·	S-4	JANITOR SINK
<b>(2)</b>	SP-1	ELEVATOR SUMP PUMP
_	SE-1	SEWAGE EJECTOR PUMP
<b>©</b> -		



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	-		
		ISSUE	
NO.	DATE	DESCRIPTION	INT.
1	06-02-23	FOR TLE REVIEW	MBJ
2	06-14-23	FOR PERMIT	MBJ
3	08-14-23	PER TLE AND CODE COMMENTS	MBJ
		REVISION	
NO.	DATE	DESCRIPTION	INT.
1	08-14-23	PER TLE AND CODE COMMENTS	MBJ

PROFESSIONAL CERTIFICATION MATTHEW B. JARMEL, AIA, MBA

LICENSE NUMBER: A2017014316

Project Number:	Scale:	1		
TLEMO22-164	AS NOTED			
Drawn By:	Approved By:			
LN	MBJ			
D : N				

PLUMBING ABBREVIATIONS, SCHEDULES, SPECIFICATIONS AND **LEGEND** 



# PLUMBING SPECIFICATIONS

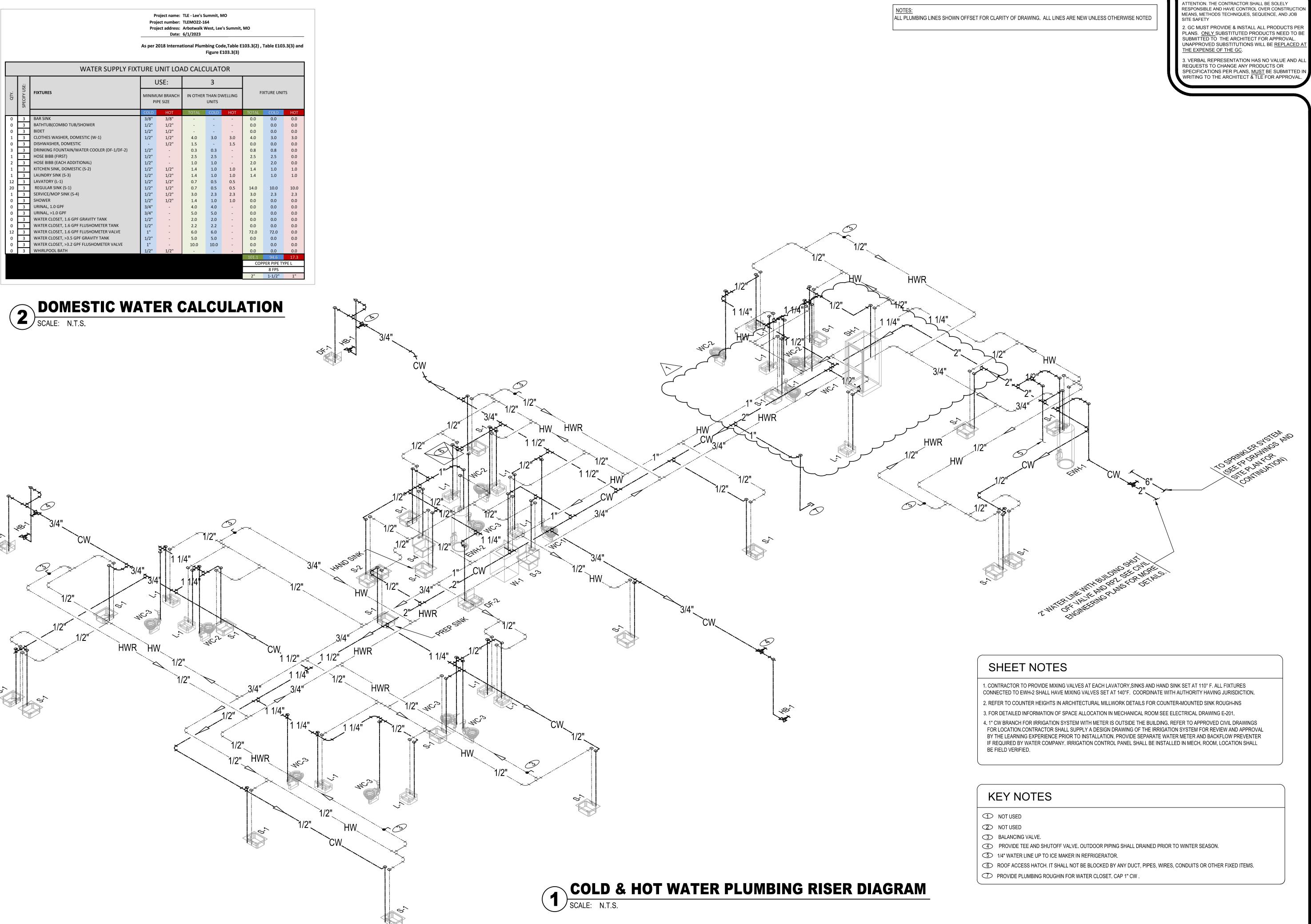
ALL DOMESTIC WATER PIPING SHALL BE COPPER TYPE L. CONTRACTOR SHALL PROVIDE ALTERNATE PRICE FOR PEX PIPING IF APPROVED BY AUTHORITY HAVING JURISDICTION. PIPE FITTING AND CLAMPS MUST BE COMPATIBLE AND MANUFACTURED BY ONE MANUFACTURER. SANITARY DRAIN PIPING AND FITTINGS 6" AND SMALLER SHALL BE CAST IRON. CONTRACTOR SHALL PROVIDE ALTERNATE PRICE FOR PVC IF APPROVED BY AUTHORITY HAVING JURISDICTION. NO COMBUSTIBLE PIPING CAN BE INSTALLED IN RETURN PLENUM OR IN NOT PROTECTED BY SPRINKLER ENCLOSURE.

DIELECTRIC FITTINGS: CONNECTIONS TO DISSIMILAR METALS 2" AND SMALLER PIPE SIZE SHALL BE MADE USING VICTAULIC CLEARFLOW STYLE 47 DIELECTRIC WATERWAY CONNECTOR 2-1/2" AND LARGE PIPE SIZE SHALL BE MADE BY USING FLANGES WITH DIELECTRIC ISOLATION GASKETS.

PIPE INSULATORS: FIBERGLASS WITH ALL SERVICE JACKET, SCHULLER, OWENS-CORNING OR KNAUF, MIN. 1" THICK.

HOT AND COLD WATER SHUTOFF VALVES FIBERGLASS WITH ALL SERVICE JACKET, SCHULLER, OWENS-CORNING OR KNAUF

ALL WATER HAMMER ARRESTOR TO BE CONNECTED BETWEEN THE TWO LAST TWO FIXTURES OF ANY RUN. THIS APPLIES BOTH TO HOT AND COLD WATER PIPING.

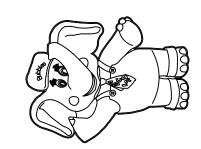


1. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND



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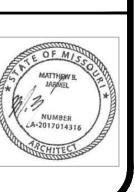
ISSUE

PROFESSIONAL CERTIFICATION

MATTHEW B. JARMEL, AIA, MBA LICENSE NUMBER: A2017014316

Project Number: TLEMO22-164	Scale: AS NOTED
Drawn By:	Approved By:
LN	MBJ

**COLD & HOT WATER PLUMBING RISER DIAGRAM** 



Project name: TLE - Lee's Summit, MO **Project number: TLEMO22-164** Project address: Arbotwalk West, Lee's Summit, MO

Date: 6/1/2023

#### As per 2018 International Plumbing Code, Table 709.1 and Table 710.1(1)

INDIVIDUAL FIXTURES	DFU	AMOUNT	TOTAL DFU
Clothes washer, Domestic, 2" Standpipe (W-1)	3.0	1	3.0
Dishwasher, Domestic, With Independent Drain	2.0		
Drinking Fountain or Water Cooler (DF-1/DF-2)	0.5	2	1.0
Food-Waste-Grinder, Commercial, 2" Min. Trap	3.0		
Floor Drain, Emergency	0.0		
Kitchen Sink, Domestic, with One 1-1/2: Trap	2.0		
Kitchen Sink, Domestic, with Food-Waste-Grinder (S-2)	2.0	1	2.0
Kitchen Sink, Domestic, with Dishwasher	3.0		
Kitchen Sink, Domestic, with Grinder and Dishwasher	3.0		
Laundry Sink, One or Two Compartments, 1-1/2" Waste	2.0		
Laundry Sink, with Discharge from Clothes Washer	2.0		
Lavatory, 1-1/4" Waste (L-1)	1.0	12	12.0
Mop Basin, 3" Trap (S-4)	3.0	1	3.0
Service Sink, 3" Trap (S-3)	3.0	1	3.0
Shower Stall, 2" Trap	2.0		
Showers, Group, Per Head (Continuous Use)	5.0		
Sink, 1-1/2" Trap (S-1)	2.0	20	40.0
Sink, 2" Trap	3.0		
Sink, 3" Trap	5.0		
Trap Size, 1-1/4" (Other)	1.0		
Trap Size, 1-1/2" (Other)	2.0		
Trap Size, 2" (Other)	3.0		
Trap Size, 3" (Other)	5.0		
Trap Size, 4" (Other)	6.0		
Urinal, 1.0 GPF	4.0		
Urinal, Greater Than 1.0 GPF	5.0		
Wash Fountain, 1-1/2" Trap	2.0		
Wash Fountain, 2" Trap	3.0		
Wash Sink, Each Set Of Faucets	2.0		
Water Closet, 1.6 GPF Gravity or Pressure Tank	4.0		
Water Closet, 1.6 GPF Flushometer Valve (WC-1, WC-2 & WC-3)	4.0	12	48.0
Water Closet, 3.5 GPF Gravity Tank	6.0		
Water Closet, 3.5 GPF Flushometer Valve	6.0		

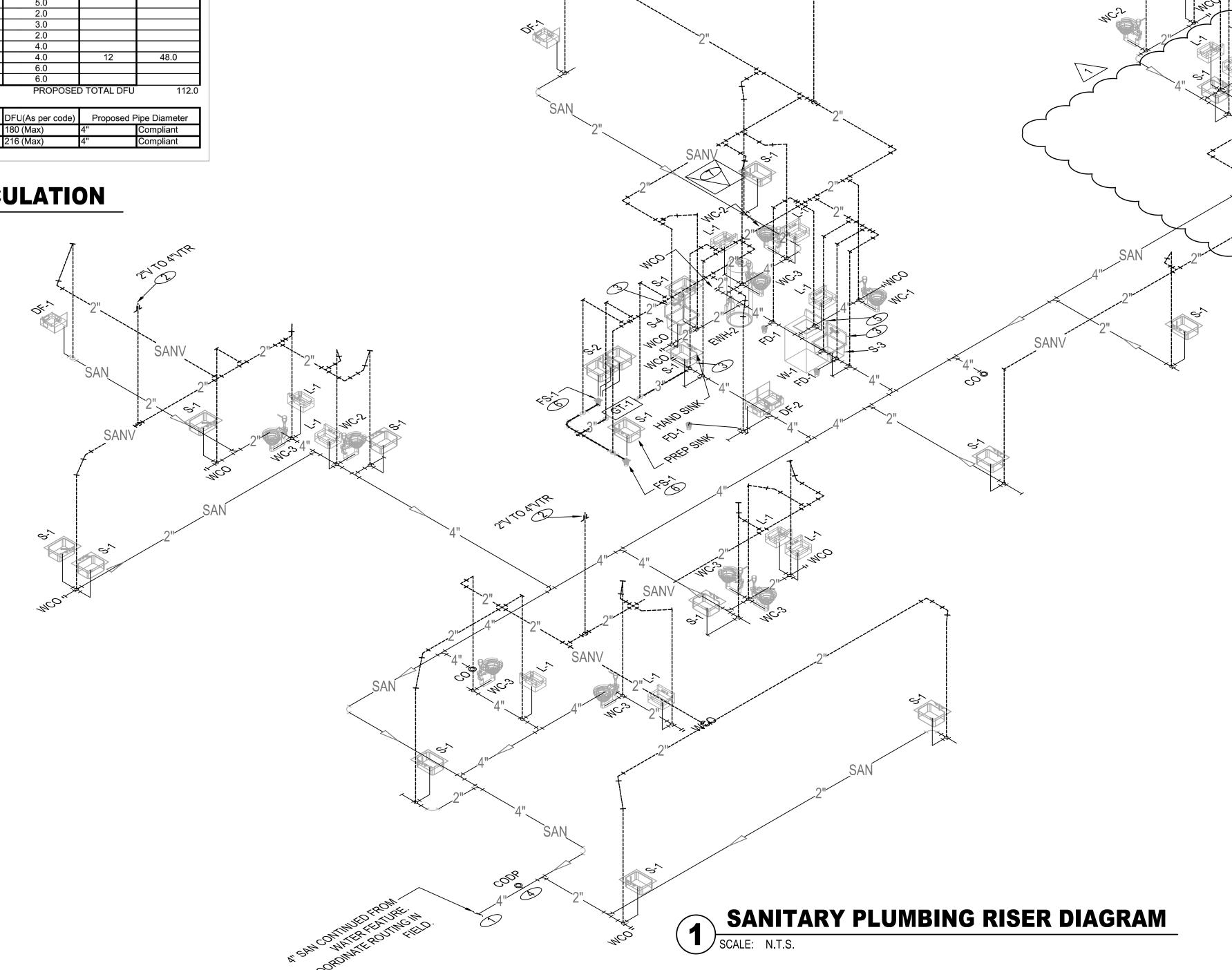
SANITARY LOAD CALCULATION

SCALE: N.T.S

Dia (As per Code Slope (As per code)

1/8" per foot slope

1/4" per foot slope



WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB

2. GC MUST PROVIDE & INSTALL ALL PRODUCTS PER PLANS. <u>ONLY</u> SUBSTITUTED PRODUCTS NEED TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL. UNAPPROVED SUBSTITUTIONS WILL BE REPLACED A THE EXPENSE OF THE GC.

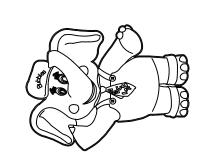
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42 OKNER PARKWAY LIVINGSTON, NEW JERSEY 07039 TEL: 973-994-9669 FAX: 973-994-4069

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ISSUE NO. DATE DESCRIPTION FOR TLE REVIEW FOR PERMIT 3 08-14-23 PER TLE AND CODE COMMENTS MBJ REVISION NO. DATE DESCRIPTION 1 08-14-23 PER TLE AND CODE COMMENTS MBJ

PROFESSIONAL CERTIFICATION

MATTHEW B. JARMEL, AIA, MBA LICENSE NUMBER: A2017014316

Project Number:	Scale:	
TLEMO22-164	AS NOTED	
Drawn By:	Approved By:	
LN	MBJ	
Drawing Name:		

SANITARY PLUMBING RISER DIAGRAM





4" SANITARY SEWER DRAIN LINE BELOW GRADE. SEE CIVIL UTILITIES PLAN FOR CONTINUATION.

ALL PLUMBING LINES SHOWN OFFSET FOR CLARITY OF DRAWING. ALL LINES ARE NEW UNLESS OTHERWISE NOTED

- SANITARY VENT UP THRU FLAT ROOF DECK.
  INSTALL WITH ROOF FLASHING PER LOCAL CODE.
- 3 P-TRAP ON LAVATORY /SINK WITH WATER SAVER TRAP PRIMER CONNECTION TO CONNECT TO FLOOR DRAIN PER MANUFACTURER'S SPECIFICATIONS AND LOCAL CODE REGULATIONS.
- SANITARY CLEAN-OUT FLUSH WITH TOP OF GRADE. IN CASE OF SANITARY PIPE BELOW CONCRETE, PROVIDE CLEAN-OUT WITH DECK PLATE.
- CLOTHES WASHING MACHINE CONNECTION BOX RECESSED IN WALL W/2 INCH DIAMETER P-TRAP AS REQUIRED BY BUILDING CODE.
- 6 PROVIDE INDIRECT WASTE CONNECTION AT PANTRY PREP SINK (S-1) AND PANTRY 3-COMPARTMENT SINK (S-2). REF. DTL. 7 ON P-600. COORDINATE LOCATION OF FLOOR SINK WITH SINK LEGS
- ROOF ACCESS HATCH. IT SHALL NOT BE BLOCKED BY ANY DUCT, PIPES,
- WIRES, CONDUITS OR OTHER FIXED ITEMS. PROVIDE ROUGH IN (4"SAN, 2" VENT CONNECTIONS) FOR TOILET IN NURSING

2" MIN. SIZE UNDER SLAB DRAIN.

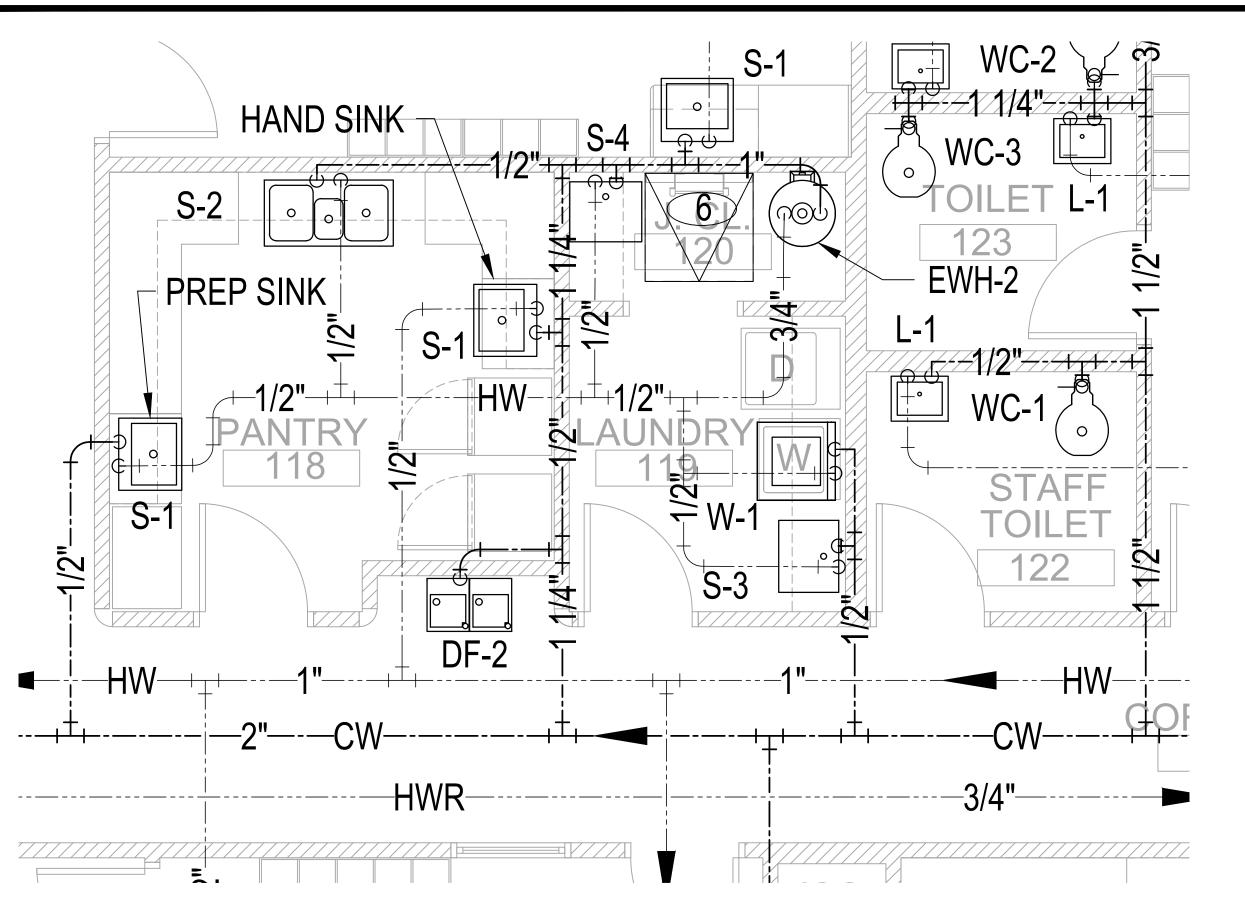
2" OR LESS DRAIN @ 1/4" DROP

ALL VTR'S 10'-0" MIN. FROM ANY

SANITARY CLEAN-OUTS BELOW LAVATORIES & SINKS MAY BE P-TRAPS WITH CLEAN-OUTS PER LOCAL CODE ALL FLOOR DRAINS W/TRAP-PRIMERS

COUNTER-MOUNTED SINK ROUGH-INS

REGULATIONS REFER TO COUNTER HEIGHTS IN ARCHITECTURAL MILLWORK DETAILS FOR



#### SHEET NOTES

1. CONTRACTOR TO PROVIDE MIXING VALVES AT EACH LAVATORY, SINKS AND HAND SINK SET AT 110° F. ALL FIXTURES CONNECTED TO EWH-2 SHALL HAVE MIXING VALVES SET AT 140°F. COORDINATE WITH AUTHORITY HAVING JURISDICTION.

2. REFER TO COUNTER HEIGHTS IN ARCHITECTURAL MILLWORK DETAILS FOR COUNTER-MOUNTED SINK ROUGH-INS

3. FOR DETAILED INFORMATION OF SPACE ALLOCATION IN MECHANICAL ROOM SEE ELECTRICAL DRAWING E-201.

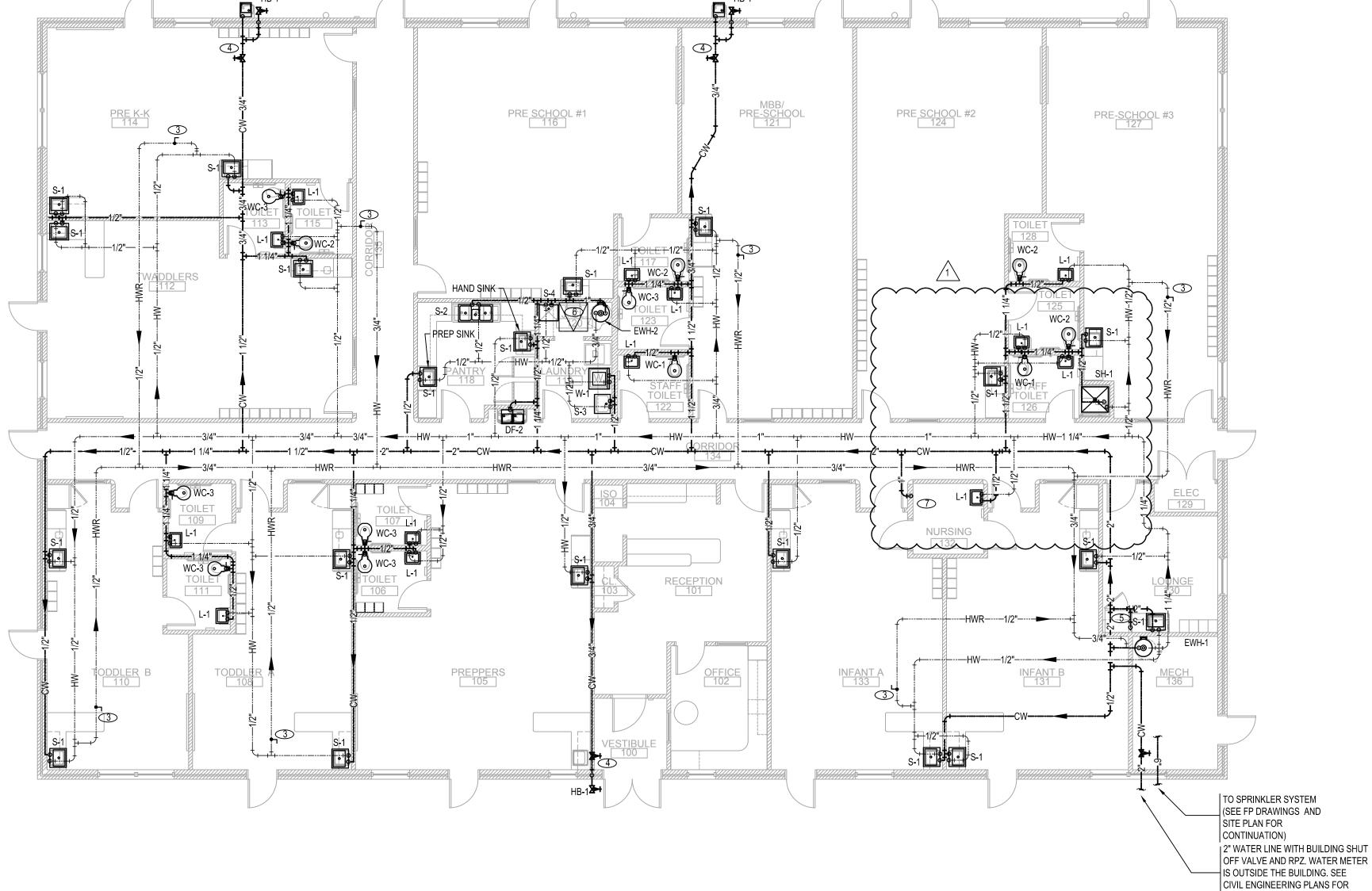
BY THE LEARNING EXPERIENCE PRIOR TO INSTALLATION. PROVIDE SEPARATE WATER METER AND BACKFLOW PREVENTER IF REQUIRED BY WATER COMPANY. IRRIGATION CONTROL PANEL SHALL BE INSTALLED IN MECH. ROOM, LOCATION SHALL BE FIELD VERIFIED.

#### **KEY NOTES**

- 1 NOT USED
- ② NOT USED
- 3 BALANCING VALVE.
- PROVIDE TEE AND SHUTOFF VALVE. OUTDOOR PIPING SHALL DRAINED PRIOR TO WINTER SEASON.
- 5 1/4" WATER LINE UP TO ICE MAKER IN REFRIGERATOR.
- 6 ROOF ACCESS HATCH. IT SHALL NOT BE BLOCKED BY ANY DUCT, PIPES, WIRES, CONDUITS OR OTHER FIXED ITEMS.
- PROVIDE PLUMBING ROUGHIN FOR WATER CLOSET. CAP 1" CW.

ALL PLUMBING LINES SHOWN OFFSET FOR CLARITY OF DRAWING. ALL LINES ARE NEW UNLESS OTHERWISE

ENLARGED PANTRY AREA WATER PLUMBING PLAN



ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTIO MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB

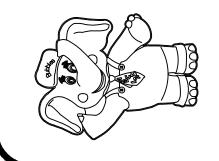
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3. VERBAL REPRESENTATION HAS NO VALUE AND ALL REQUESTS TO CHANGE ANY PRODUCTS OR SPECIFICATIONS PER PLANS, <u>MUST</u> BE SUBMITTED IN WRITING TO THE ARCHITECT & TLE FOR APPROVAL.



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**COLD & HOT WATER PLUMBING PLAN** 

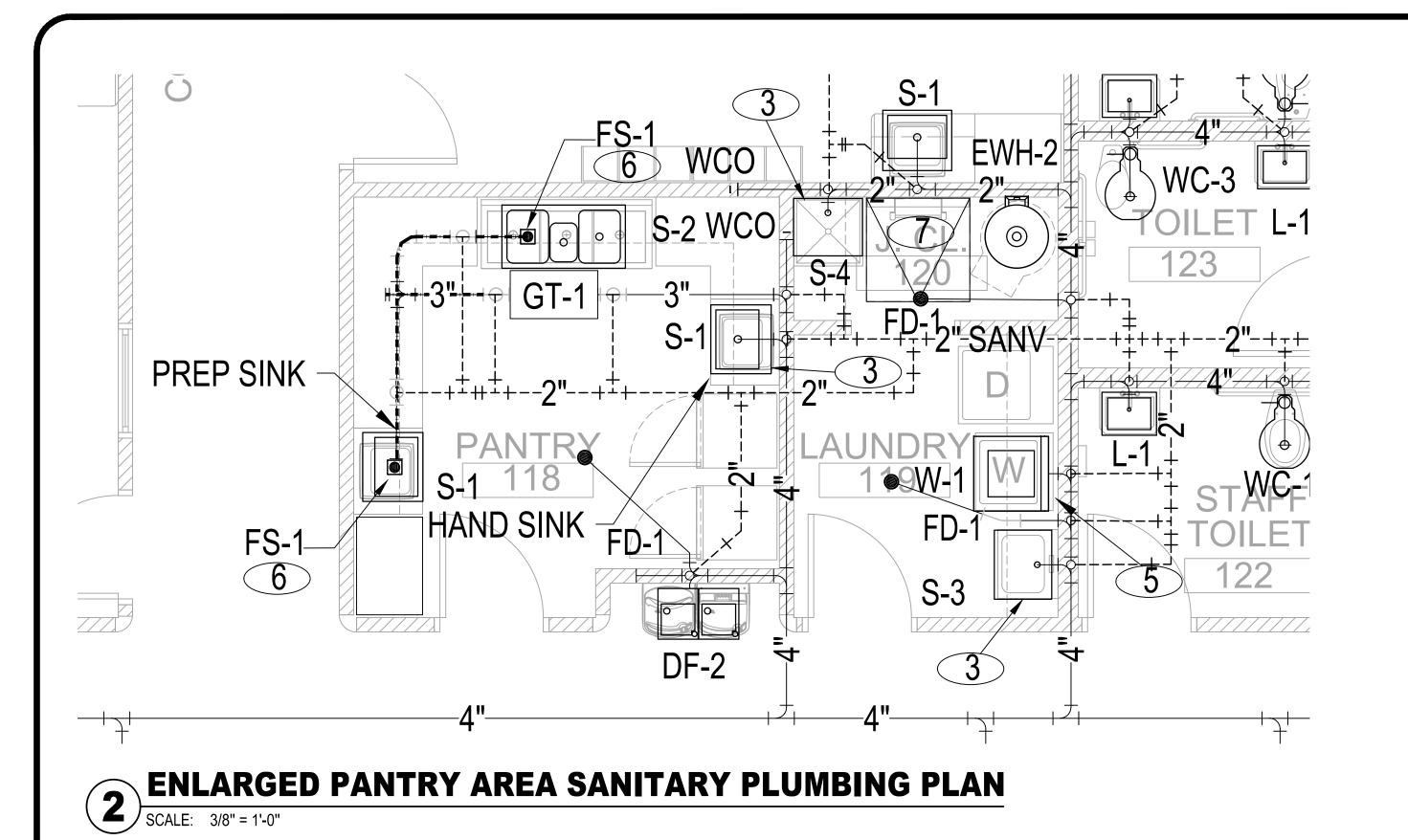
MORE DETAILS.

P-300



COLD & HOT WATER PLUMBING PLAN





4" SAN CONTINUED FROM — WATER FEATURE. COORDINATE ROUTING IN FIELD.

 $\bigcirc$ 

#### SANITARY SEWER KEY NOTES

#### KEY NOTES:

- 4" SANITARY SEWER DRAIN LINE BELOW GRADE. SEE CIVIL UTILITIES PLAN FOR CONTINUATION.
- SANITARY VENT UP THRU FLAT ROOF DECK. INSTALL WITH ROOF FLASHING PER LOCAL CODE.
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- W/2 INCH DIAMETER P-TRAP AS REQUIRED BY BUILDING CODE. PROVIDE INDIRECT WASTE CONNECTION AT PANTRY PREP SINK (S-1) AND PANTRY 3-COMPARTMENT SINK (S-2). REF. DTL. 7 ON P-600. COORDINATE
- LOCATION OF FLOOR SINK WITH SINK LEGS 7 ROOF ACCESS HATCH. IT SHALL NOT BE BLOCKED BY ANY DUCT, PIPES,
- WIRES, CONDUITS OR OTHER FIXED ITEMS. PROVIDE ROUGH IN (4"SAN, 2" VENT CONNECTIONS) FOR TOILET IN NURSING

SANITARY CLEAN-OUTS BELOW LAVATORIES & SINKS MAY BE P-TRAPS WITH CLEAN-OUTS PER LOCAL CODE REGULATIONS

REFER TO COUNTER HEIGHTS IN ARCHITECTURAL MILLWORK DETAILS FOR COUNTER-MOUNTED SINK ROUGH-INS

2" MIN. SIZE UNDER SLAB DRAIN. 2" OR LESS DRAIN @ 1/4" DROP

3" @ 1/8" 4" @ 1/8" ALL FLOOR DRAINS W/TRAP-PRIMERS ALL VTR'S 10'-0" MIN. FROM ANY FRESH AIR INTAKE

ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND HAVE CONTROL OVER CONSTRUCTIO MEANS, METHODS TECHNIQUES, SEQUENCE, AND JOB

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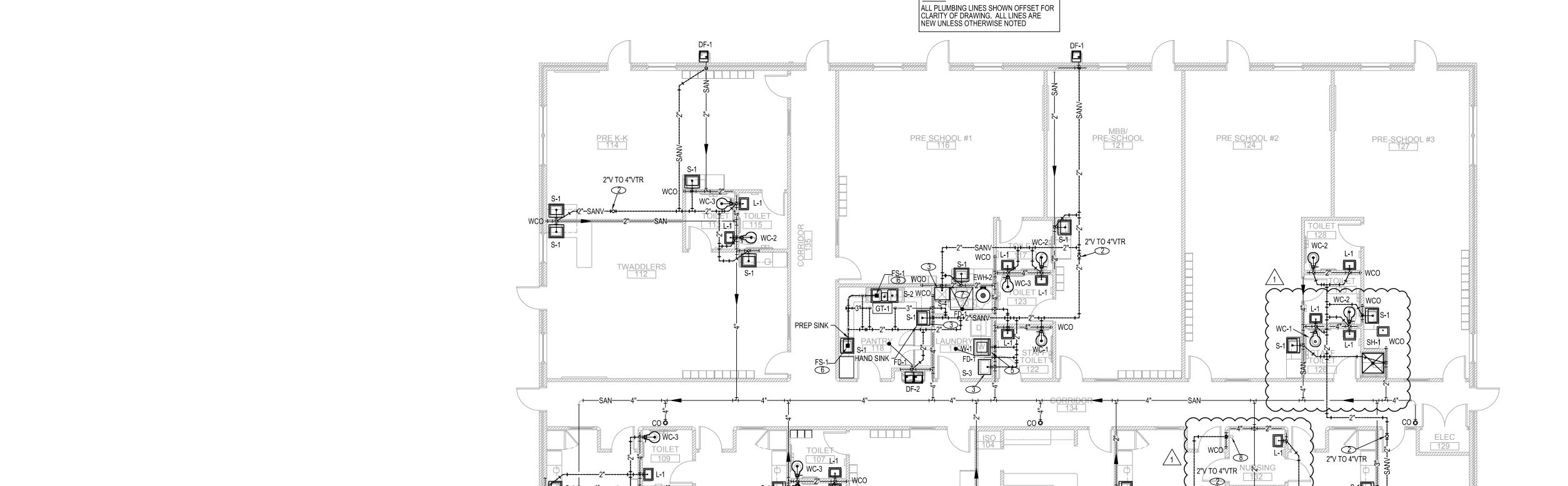
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**SANITARY PLUMBING PLAN** 





2"V TO 4"VTR

SANITARY PLUMBING PLAN SCALE: 1/8" = 1'-0"

INFANT A