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CONSTRUCTION DOCUMENTS FOR

CLINTON HS SOFTBALL CONCESSION BLDG

CLINTON HIGH SCHOOL, ANDERSON COUNTY, TN



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HEET #	SHEET NAME	SHEET ISSUE DATE	CURRENT REV. NO.	REV. DESCRIPTION	REV. ISSUED BY	CURRENT REV DATE
G000	COVER	2024-03-01				
G001	GENERAL PROJECT INFORMATION, CODE REQUIREMENTS, AND LIFE SAFETY PLANS	2024-03-01				
G002	LEGENDS & ABBREVIATIONS	2024-03-01				
C101	SITE LAYOUT PLAN	2024-03-01				
C102	SITE GRADING PLAN	2024-03-01				
C103	SITE UTILITY PLAN	2024-03-01				
C201	SITE DETAILS - 1	2024-03-01				
S001	STRUCTURAL NOTES	2024-03-01				
S101	FOUNDATION PLAN	2024-03-01				
S201	MAIN LEVEL FRAMING PLAN	2024-03-01				
S701	SECTIONS AND DETAILS	2024-03-01				
AG001	3D VIEWS	2024-03-01				
AG002	ACCESSIBILITY GUIDELINES & REQUIREMENTS	2024-03-01				
AG003	FIBER CEMENT SIDING DETAILS	2024-03-01				
AS101	ARCHITECTURAL SITE PLAN	2024-03-01				
A101	FLOOR PLANS	2024-03-01				
A102	ENLARGED PLANS AND ACCESSIBLE RESTROOM REQUIREMENTS	2024-03-01				
A121	REFLECTED CEILING PLAN & DETAILS	2024-03-01				
A201	EXTERIOR ELEVATIONS	2024-03-01				
A301	BUILDING SECTIONS	2024-03-01				
A311	WALL SECTIONS AND EXTERIOR DETAILS	2024-03-01				
A401	VERTICAL CIRCULATION	2024-03-01				
A501	OPENINGS	2024-03-01				
A700	INTERIOR FINISH LEGEND & SCHEDULE	2024-03-01				
A701	SIGNAGE	2024-03-01				
P101	WASTE & WATER	2024-03-01				
1101		2021 00 01				
M101	HEAT & VENTILATION	2024-03-01				
E101	FLOOR PLANS - ELECTRICAL	2024-03-01				
E201	LEGENDS AND SCHEDULES	2024-03-01				
R-C100	(RESOURCE) PHASE 1 EROSION PREVENTION & SEDIMENT CONTROL PLAN	02/22/2023				
R-C101	(RESOURCE) PHASE 2 EROSION PREVENTION & SEDIMENT CONTROL PLAN	02/22/2023				
R-C300	(RESOURCE) SITE LAYOUT PLAN	02/22/2023				
R-C500	(RESOURCE) SITE GRADING & DRAINAGE PLAN	02/22/2023				
R-C800	(RESOURCE) CIVIL DETAILS	02/22/2023				
R-C801	(RESOURCE) CIVIL DETAILS	02/22/2023				

FIRE MARSHAL NO REVIEW LETTER



Date: 3/1/2024

To: Gregory Campbell Design Innovation Architects- DIA 402 S. Gay Street, Suite 201 Knoxville, TN 37902

RE: Review and Approval Not Required Clinton HS Softball Concession Building 425 Dragon Drive

TFM # 00017-E Project # 2024-02-27-03 County: Anderson

Clinton, TN 37716

Dear Gregory Campbell,

The above referenced project does not require the submission of plans for review and approval by the State Fire Marshal's Office due to the size/scope of the project. This determination was based on the information submitted to the plans submittal portal on 2/27/2024. The submitted information is enclosed.

Subsequent alterations to the plans submitted may invalidate this letter and result in the need for plans to be submitted and approved prior to work being performed. If you have any further questions, please contact me at (615) 253-2692.

Sincerely, Jeres Hubarken

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Jeremy Hubanks, Plans Examiner II Codes Enforcement Section

cc: John Ferguson, Fire & Building Code Inspector

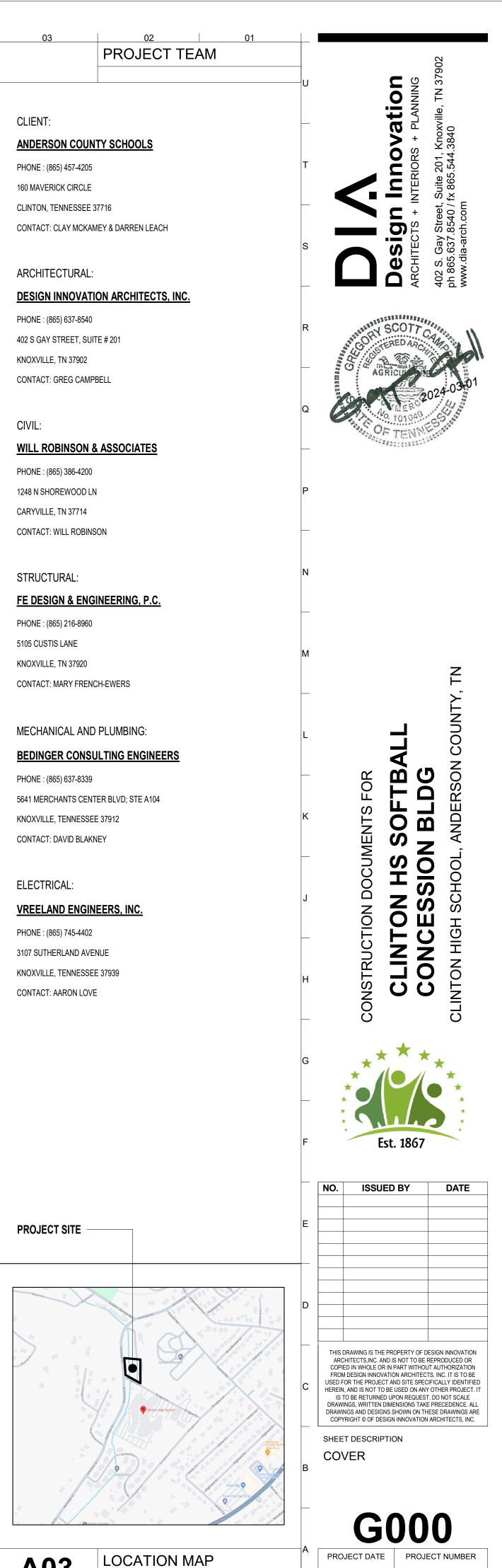
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Encl: Submitted Drawing Sheets (3 Pages)

Fire Prevention/State Fire Marshal's Office • Codes Enforcement Section • 500 James Robertson Pkwy • 10th Floor Davy Crockett Tower • Nashville, TN 37243-1162 • Tel: 615-741-7190 • Fax: 615-253-3267 rev. 2.8.2017

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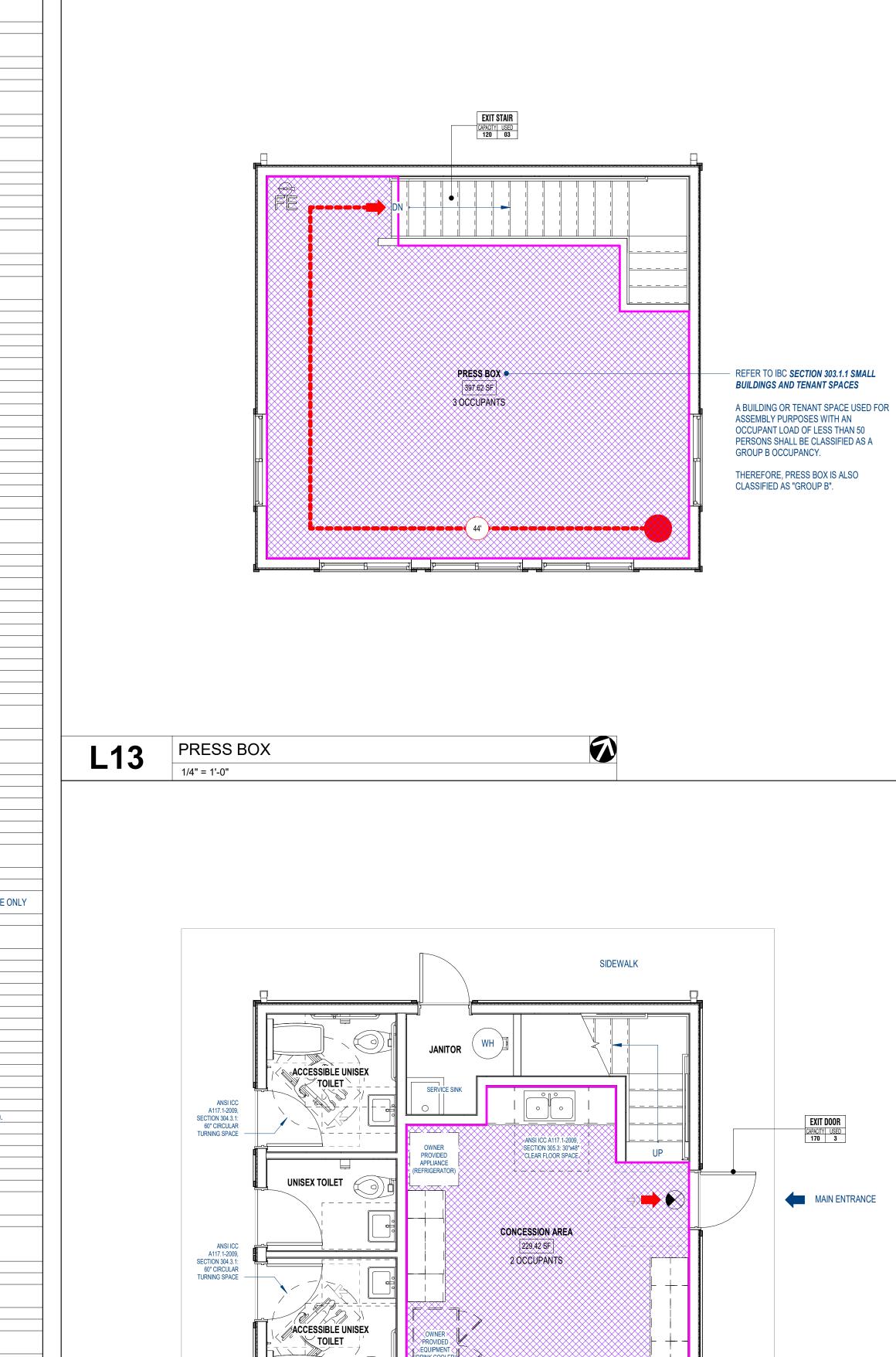
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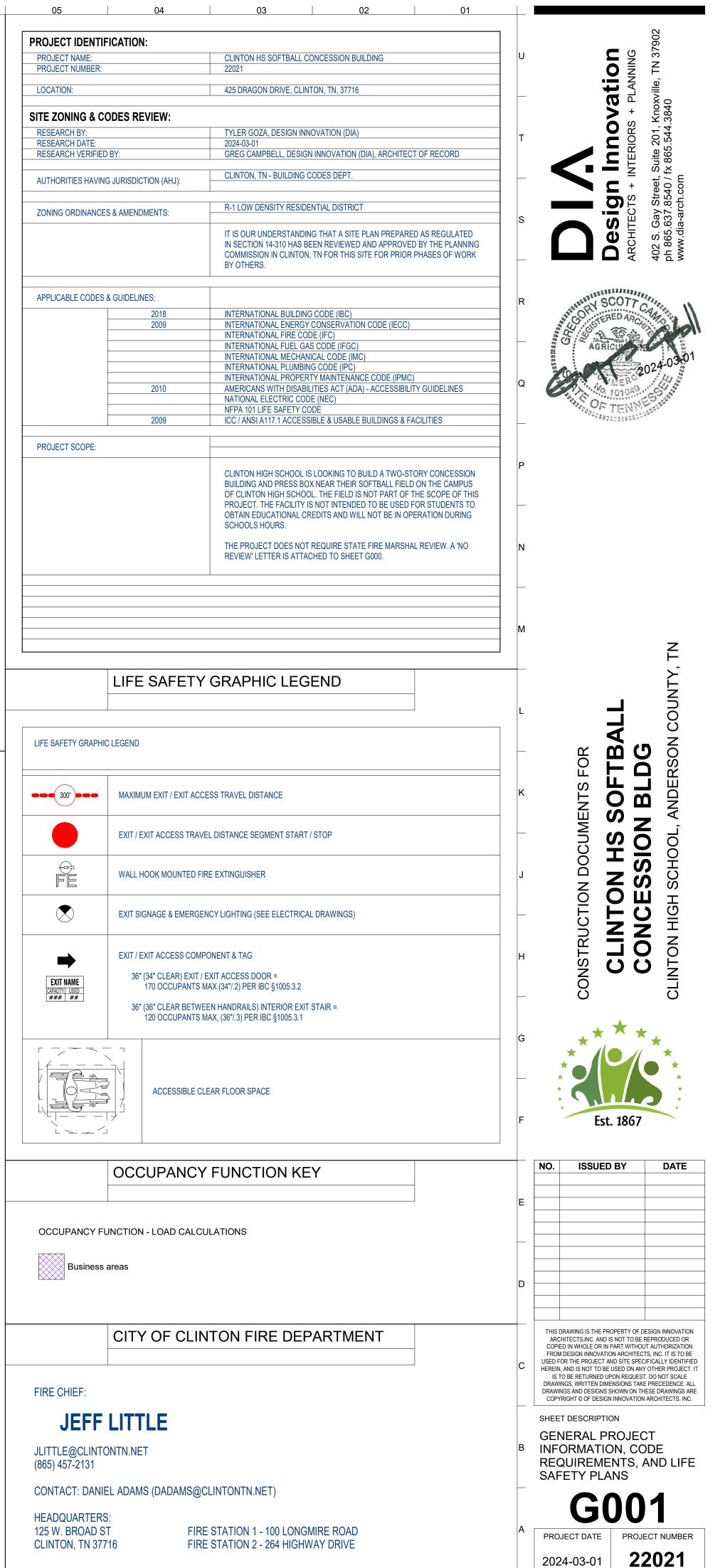
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2024-03-01

IBC CHAPTER 1:	SCOPE & ADMINISTRATION	N								
	*NOTE: THIS PR	ROJECT IS SUBJECT TO ALL AF	PPLICABLE SECTIONS OF THE V. FOR THE PURPOSES OF THI							
IBC CHAPTER 2:	DEFINITIONS									
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IBC CHAPTER 3:	OCCUPANCY CLASSIFICAT	TION & USE GROUP B	BUSINESS (SECTION 304							
			NOTE: SECTION 303.1.1 S	SMALL BUILDINGS AND T						CLIALL
			A BUILDING OR TENANT						J PERSUNS	SHALL
IBC CHAPTER 4:	SPECIAL DETAILED REQUI	REMENTS								
IBC CHAPTER 5:	GENERAL BUILDING HEIGH	HTS & AREAS								
ALLOWAB	GRADE PLANE ELEVATION: LE BUILDING HEIGHT (w/o MODIF VABLE HEIGHT MODIFICATIONS:		834.00 FEET 40'-0", 2 STORIES ABOVE N/A	GRADE PLANE, w/o SPRI	NKLER (TABLES	\$ 504.3 & 504.4)				
	UILDING HEIGHT:		24'-10", 2 STORIES ABOVE	E GRADE PLANE						
	IES & EQUIPMENT PLATFORMS:		N/A							
ALLOV	LE BUILDING AREA (w/o MODIFIC VABLE AREA MODIFICATIONS: TAGE INCREASE:	CATIONS):	9,000 SF, w/o SPRINKLER NA NA	(TABLE 506.2)						
TOTAL	ALLOWABLE BUILDING AREA:		9,000 TOTAL ALLOWA	ABLE						
ACTUAL B	UILDING AREA:	LEVEL 01: LEVEL 02:	230 SF 398 SF	470 SF (INCLUDING 398 SF	TOILETS)					
		TOTAL:	628 SF	868 SF (TOTAL INTI	ERIOR SF)					
IBC CHAPTER 6:										
	CTION TYPE: STANCE RATING REQUIREMENT	TYPE VB; UNPROTECTED)							
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	CONSTRUCTION & SECONDARY		0 HOUR							
IBC CHAPTER 7:	FIRE & SMOKE PROTECTION	ON FEATURES								
FIRE RESI	STANCE RATING REQUIREMENT	۲S:	WALLS & PARTITIONS		NINGS (TABLE 7					
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	ADTITIONO (OFOTIONI 700 0)									
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_	2	21	20	
	AB ABV	ANCHOR BOLT ABOVE		CORR COV
U	ACC	ACCESSIBLE (A	CCESSIBILITY)	CPL
	ACI		ICRETE INSTITUTE	CPR
	ACT ACU	ACOUSTICAL TI AIR CONDITION		CPT CRES
	ACU	ACCESS DOOR		CRES
	ADD	ADDENDUM		CSK
Т	ADH	ADHESIVE	UNCT	CSMT
	ADJ ADJT	ADJACENT, ADJ ADJUSTABLE	JUNCT	CSMU CST
	ADO	AUTOMATIC DC	OR OPENER	CT
	AFF	ABOVE FINISHE		CTC
	AG# AGG	ARCHITECTUR/ AGGREGATE	AL GENERAL	CTL CTP
s	AHU	AIR HANDLING	UNIT	CTR
	AISC		TITUTE OF STEEL	CTSK
	ALT	CONSTRUCTION ALTERNATE	N	CU CUH
	ALUM	ALUMINUM		CV
	AMB	AMBIENT		CY
R	ANC ANOD	ANCHOR ANODIZED		CYL
	ANSI	AMERICAN NAT	IONAL STANDARDS	D
	40	INSTITUTE		d
	AP APPD	ACCESS PANEL APPENDIX		DA
	APPROX	APPROXIMATE		DB DBL
Q	ARCH	ARCHITECT(UR		DBLH
	AS# ASB	ARCHITECTUR/ ASBESTOS	AL SITE	DC
	ASC	ABOVE SUSPEN	IDED CEILING	DCJ DCJ
	ASPH	ASPHALT		DCL
	AUTO AVG	AUTOMATIC AVERAGE		DD
Р	AWC	ACOUSTICAL W	ALL COVERING	DEG DEM
	AWG	AMERICAN WIR	E GAUGE	DEP
	B.M.	BENCHMARK		DEPR
	BATT	BATT INSULATION	NC	DEPT DET
	BBD	BULLETIN BOAF	RD	DF
N	BC BD	BOOK CASE BOARD		DH
	BDY	BOUNDARY		DIA DIAG
	BEJ	BRICK EXPANS	ION JOINT	DIM
	BEL BITUM	BELOW BITUMINOUS		DISC
	BL	BUILDING LINE		DISP DIST
М	BLDG	BUILDING		DIV
	BLK(G) BM	BLOCK(ING) BEAM		DL
	BMFE		NTED FIRE EXTINGUISHER	DN DP
	BO	BOTTOM OF	D	DPR
	BOC BOS	BACK OF CONC BACK OF STEEL		DR
L	BOT	BOTTOM	-	DRN DS
	BPL	BEARING PLATE	Ξ	DTA
	BRCG BRDG	BRACING BRIDGING		DTS
_	BRG	BEARING		DW DWG
	BRK	BRICK		DWLS
K	BRKT BRZ	BRACKET BRONZE		DWR
	BS	BOTH SIDES		DWT
	BSMT	BASEMENT		Е
_	BT BUR	BENT BUILT-UP ROOF	ING	E#
	BVL	BEVELED		E.P. EA
J	BW	BOTH WAYS		EB
•	C#	CIVIL		EF
	CAB	CABINET		EIFS EJ
	CALC	CALCULATION		ELEC
	CAP CB	CAPACITY CATCH BASIN		ELEV EMER
Н	CEM	CEMENT		ENCL
	CER CFI	CERAMIC CONDUCTIVE F		ENTR
	CFM	CUBIC FEET PE		EO EOC
	CFT	CUBIC FOOT		EOM
	CG CHAM	CORNER GUAR CHAMFER	D	EOP
G	CHBD	CHALKBOARD		EOS EP
	CHIM	CHIMNEY	_	EPY
	CHT CI	CEILING HEIGH	I	EQ
	CIP	CAST IN PLACE		EQUIP ESC
	CIR CIRC	CIRCULAR	0F	EST
F	CIKC	CONTROL JOIN		EWC EX TRZ
	CL	CENTER LINE		EXTRZ
	CLG CLKG	CEILING CAULKING		EXH
	CLKG	CAULKING CONTACT LIMIT	LINE	EXMP EXP
	CLO	CLOSET		EXPL
Е	CLOS CLR	CLOSED CLEAR(ANCE)		EXPN
	CLRGL	CLEAR GLASS		EXST EXT
	CLRWG	CLEAR WIRE GI		LAI
	CM CMP	CENTIMETER(S CORRUGATED	,	F
	CMF	CERAMIC MOSA		F.D. F.R.
D	CMU	CONCRETE MA		F/C
	CND CNTR	CONDUIT (RACI	EWAY,ELEC,ETC)	FA
	CO	CLEANOUT		FAC FAI
	CO2	CARBON DIOXI	DE	FAS
	COL COM	COLUMN COMMON		FB
С	COM	COMMON		FBD FBO
	COMP	COMPRESSED(FBO FBRK
_	COMPO	COMPOSITE, CO		FC
	COMPT CONC	COMPARTMENT CONCRETE	I	FCG
	COND	CONDITION		FCJ FCU
В	CONN	CONNECTION	N	FD
	CONST CONST	CONSTRUCTION CONSTRUCTION		FDC
	JT			FDN FE
	CONT CONTR	CONTINUE(OUS		FEC(FR
	CONTR	CORNER	1	FEC(SM
A				
	A	21	ABBREVIATIO	NS
		<u> </u>		
	2	21	20	

19	9		18	
CORR COV CPL CPR CPT CRES CRS CSK CSMU CST CT CTC CTC CTL CTP CTR CTSK CU CUH CV CY CYL	CORRIDOR COVERED CEMENT PLA COPPER CARPET CORROSIVE COURSE(S) COUNTERSIN CASEMENT CALCIUM SILI CAST STONE CERAMIC TILI CENTER TO C CARPET TILE CERAMIC TILI CENTER COUNTERSU CONDENSING CABINET UNE CEILING VEN CUBIC YARDS CYLINDER	RESISTANT IK, COUNTER ICATE MASON E CENTER E PANEL NK SCREW G UNIT DER HEADER T		
D d DA DB DBL DBL DCJ DCJ DCJ DCJ DCJ DCJ DCJ DCJ DCJ DCJ	DRYER PENNY (AS IN DOUBLE ACT DRY BULB DOUBLE DOUBLE DOUBLE HUN DENTAL CASS DOWELED CO DUMMY CON DOOR CLOSE DESIGN DEVE DESIGN DEVE DESIGN DEVE DERESSION DEPARTMEN DEPARTMEN DEPARTMEN DEPARTMEN DETAIL DRINKING FC DUCT HEATE DIAMETER DIAMETER DIAMETER DIAMETER DIAMETER DIAMETER DISTRIBUTIO DIVISION DEAD LOAD DOVN DAMPPROOF DAMPER DOOR DAMPER DOOR DAMPER DOOR DRAIN DOVETAIL AN DOVETAIL AN DOVETAIL AN DOVETAIL AN DISHWASHEF DRAWING DOWELS DRAWER DUMBWAITEF	IVE IG EWORK DNTROL JOIN TROL JOINT ER ELOPMENT I T DUNTAIN R - N ING - ICHOR ICHOR SLOT R	T	
EIFS EJ ELEC ELEV EMER ENCL ENTR EO EOC EOM EOP EOS EP EPY EQUIP ESC EST EWC EST EXC EXTRZ EXD EXH EXP EXPL EXPN	ELECTRIC(AL ELEVATION EMERGENCY ENCLOSE(UR ENTRANCE, E EDGE OF EDGE OF COL EDGE OF MAX EDGE OF PAX EDGE OF SLA EXPLOSION F EPOXY COAT	BOLT SULATION FIN JOINT JOINT) RE) ENTERING NCRETE SONRY /EMENT AB PROOF TING		
FA FAC FAI FAS FB FBD FBO FBRK FC FCG FCJ FCU FD FDC FDC FDN FE FEC(FR)	FIRE APPARA FRESH AIR IN FASTEN(ER) FACE BRICK FIBERBOARD FURNISHED E FIRE BRICK FIRE CODE FACING FLOOR CONS FLOOR COIL FIRE DAMPEF FIRE DEPART FOUNDATION FIRE EXTING FIRE EXTING	R NG ATUS CLOSUF ITAKE BY OTHERS BY OTHERS OTHERS UNIT R MENT CONN USHER UISHER - FUL	DINT	

17	16	15	
FEC(WH)	FIRE EXTINGUISHER - SEMI-RECESSED FIRE EXTINGUISHER - WALL HUNG	INCIN INCL	INCINERATOR INCLUDE(D)(ING)
FF FFE	FACTORY FINISH FINISHED FLOOR ELEVATION	INSC INSF	INSULATING CONCRETE INSULATING FILL
FFL FG	FINISH FLOOR LINE FIBERGLASS	INSUL INT	INSULATE(ING)(ION)(ED) INTERIOR
FH	FIRE HYDRANT	INTM	INTERMEDIATE
FHC FHS	FIRE HOSE CABINET FIRE HOSE STATION	INV IR GYP	INVERT(ED) IMPACT RESISTANT GYPS
FI	FILM ILLUMINATOR		
FIG FIN	FIGURE FINISH(ED)	JB JC	JUNCTION BOX JANITORS CLOSET
FIX FJT	FIXTURE FLUSH JOINT	JCT JF	JUNCTION JOINT FILLER
FL	FLOOR	JST	JOIST
FLASH FLCO	FLASHING FLOOR CLEANOUT	JT	JOINT
FLEX	FLEXIBLE	KD	KILN-DRIED
FLG FLR	FLOORING FLOOR	KIT KO	KITCHEN KNOCKOUT
FLUOR	FLUORESCENT	KPL	KICKPLATE
FN FND	FENCE FOUNDATION	LAB	LABORATORY
FO FOC	FACE OF FACE OF CONCRETE	LAD LAM	
FOF	FACE OF FINISH	LAU	LAMINATE(D) LAUNDRY
FOM FOS	FACE OF MASONRY FACE OF STUDS	LAV LB	LAVATORY LAG BOLT
FP	FIRE PARTITION	LBR	LUMBER
FP# FPL	FIRE PROTECTION FLOOR PLATE	LBS LF	POUNDS LINEAR FEET (FOOT)
FPRF	FIRE PROOF	LG	
	FRAME(D)(ING) FRESH AIR	LH LIN	LEFT HAND(ED) LINEAR
FRC	FIRE-RESISTANT COATING FULLY RECESSED FIRE EXTINGUISHER	LKR LL	LOCKER LIVE LOAD
	CABINET	LLD	LEAD-LINED DOOR
FRP FRT	FIBER REINFORCED PLASTIC FIRE RETARDANT	LNTL LONG	LINTEL LONGITUDINAL
FS FT	FULL SIZE	LP	LIGHTPROOF
FTG	FOOTING	LPD LR	LIGHTPROOF DOOR LIVING ROOM
FUR FUT	FURR(ED)(ING) FUTURE	LT LTG	light Lighting
FV	FIELD VERIFY	LTTR	LONG TERM THERMAL RE
	FIRE WATER FABRIC WALL COVERING	LTWT LVL	LIGHT WEIGHT LAMINATED VENEER LUM
G	GAS	LVR	LOUVER
G#	GENERAL INFORMATION	LWC	LIGHT WEIGHT CONCRET
g'rail Ga	GUARD RAIL GAUGE OR GAGE	M M#	METER(S) MECHANICAL
GAL	GALLON(S)	MAC	MACHINE
GALV GB	GALVANIZED GRAB BAR	MAS MATL	MASONRY MATERIAL(S)
GC GCMU	GENERAL CONTRACT(OR) GLAZED CONCRETE MASONRY UNIT	MAX	MAXIMUM
GCO	GROUND CLEANOUT	MB MBR	MACHINE BOLTS MEMBER
GEN GF	GENERAL GROUND FACE	MCAB MCJ	MEDICAL CABINET MASONRY CONTROL JOIN
GFCI	GROUND FAULT CIRCUIT INTERRUPTOR	MCO	METAL CASED OPENING
GFRC GFRP		MECH MED	MECHANICAL MEDIUM
GI GKT	GALVANIZED IRON GASKET(ED)	MEP	MECHANICAL, ELECTRICA
GL		MER MES	MECHANICAL EQUIPMENT METAL EDGE STRIP
GLB GLF	GLASS BLOCK GLASS FIBER	MFD MEG	METAL FLOOR DECKING MANUFACTUR(ER)
GND	GROUND	MGT	MATTE-GLAZED TILE
GOV GP	GOVERNMENT GALVANIZED PIPE	MH MIN	MANHOLE MINIMUM
GPL GPM	GYPSUM LATH GALLONS PER MINUTE	MIR	MIRROR
GPPL	GYPSUM PLASTER	MISC ML	MISCELLANEOUS METAL LATH
GPT GR	GYPSUM TILE GRADE(ING)	MLDG MM	MOULDING MILLIMETER(S)
GRN	GRANITE	MMB	MEMBRANE
GRTG GSS	GRATING GALVANIZED STEEL SHEET	MNIC	MATERIAL NOT IN CONTR CONTRACTOR)
GST GSU	GLAZED STRUCTURAL TILE GLAZED STRUCTURAL UNITS	MO MOD	MASONRY OPENING MODULAR
GT	GROUT	MOD MOD.	MODIFIED
GUT GVL	GUTTER GRAVEL	MONO MOV	MONOLITHIC MOVABLE
GWB	GYPSUM WALL BOARD	MP	MOVABLE PARTITION
GWT GYP	GLAZED WALL TILE GYPSUM	MR MRB	MOISTURE RESISTANT MARBLE
GYP BD	GYPSUM BOARD	MRD MS	METAL ROOF DECK MOP SINK
H'RAIL	HAND RAIL	MSTC	MASTIC
H.D. HB	HEAVY DUTY HOSE BIBB	MTD MTFR	MOUNT(ED)(ING) METAL FURRING
HBD HC	HARD BOARD	MTHR	METAL THRESHOLD
HCAP	HOLLOW CORE HANDICAP(PED)	MTL MULL	METAL MULLION
HCWD HD	HOLLOW CORE WOOD DOOR HEAD	MWK	MILLWORK
HDR	HEADER	Ν	NORTH
HDW HGT	HARDWARE HEIGHT	NAT NFPA	NATURAL NATIONAL FIRE PROTECT
HJT HK	HEAD JOINT	NIC NL	NOT IN CONTRACT NAILABLE
HM	HOOK(S) HOLLOW METAL	NMT	NONMETALLIC
horiz Hp	HORIZONTAL HORSEPOWER	NO NOM	NUMBER NOMINAL
HPT	HIGH POINT	NR	NOISE REDUCTION
HR HS	HOUR HIGH STRENGTH	NRC NREQD	NOISE REDUCTION COEFI NOT REQUIRED
HSGYP HTG	HIGH STRENGTH GYPSUM PLASTER HEATING	NS NTS	NO SCALE NOT TO SCALE
HTR	HEATER		
HVAC	HEATING, VENTILATING AND AIR CONDITIONING	O.A. OA	OVERALL OUTSIDE AIR
HWD	HARDWOOD	OBGL	OBSCURE GLASS
HWH HYD	HOT WATER HEATER HYDRANT	OBW OC	OBSCURE WIRE GLASS ON CENTER
HYDR	HYDRAULIC	OCEW	ON CENTER EACH WAY
IC	INTERCOM	OD OFF	OUTSIDE DIAMETER OFFICE
ICF	INSULATED CORE FORM, INSULATING CONCRETE FORM	OH OJ	OVERHEAD OPEN-WEB JOIST
ID IFC	INSIDE DIAMETER ISSUE FOR CONSTRUCTION	OP	OPAQUE
IIC	IMPACT INSULATION CLASS	OPH OPNG	OPPOSITE HAND OPENING
IN	INCH	OPP	OPPOSITE
 17	16	15	

17

17

14

INCIN INCL INSC INSF INSUL INT INTM INV IR GYP	INTERIOR INTERMEDIATE INVERT(ED)
	JUNCTION BOX JANITORS CLOSET JUNCTION JOINT FILLER JOIST JOINT
KD Kit Ko Kpl	KILN-DRIED KITCHEN KNOCKOUT KICKPLATE
LAB LAD LAU LAU LAV LB LBR LBS LF LG LH LIN LKR LL LIN LVE LTG LTTR LTWT LVE	LABORATORY LADDER LAMINATE(D) LAUNDRY LAVATORY LAVATORY LAG BOLT LUMBER POUNDS LINEAR FEET (FOOT) LENGTH LEFT HAND(ED) LINEAR LOCKER LIVE LOAD LEAD-LINED DOOR LINTEL LONGITUDINAL LIGHTPROOF LIGHTPROOF LIGHTPROOF LIGHTING LONG TERM THERMAL RESISTANC LIGHT WEIGHT LAMINATED VENEER LUMBER
LVR LWC	LOUVER LIGHT WEIGHT CONCRETE
M M# MAC MAS MATL MAS MATL MAS MATL MAS MCO MECH MED MER MED MER MED MFD MFG MFD MFG MGT MH MIN MIR MISC ML MLDG MM MNIC MOD MOD. MOD MOD. MOV MP MR MRB MRD MS MSTC MTFR MTL MULL	METER(S) MECHANICAL MACHINE MASONRY MATERIAL(S) MAXIMUM MACHINE BOLTS MEMBER MEDICAL CABINET MASONRY CONTROL JOINT METAL CASED OPENING MECHANICAL MEDIUM MECHANICAL, ELECTRICAL, PLUME MECHANICAL EQUIPMENT ROOM METAL EDGE STRIP METAL FLOOR DECKING MANUFACTUR(ER) MANNUFACTUR(ER) MANHOLE MINIMUM MIRROR MISCELLANEOUS METAL LATH MOULDING MILLIMETER(S) MEMBRANE MATERIAL NOT IN CONTRACT (INST CONTRACTOR) MASONRY OPENING MODULAR MOULITHIC MOVABLE PARTITION MOSTURE RESISTANT MARBLE METAL ROOF DECK MOP SINK MASTIC MOUNT(ED)(ING) METAL FURRING METAL FURRING METAL HRESHOLD METAL HUNOPIC
MWK N NAT NFPA NIC NL NMT NO NOM NR NRC NREQD NS NTS	MILLWORK NORTH NATURAL NATIONAL FIRE PROTECTION AGEI NOT IN CONTRACT NAILABLE NONMETALLIC NUMBER NOMINAL NOISE REDUCTION NOISE REDUCTION NOISE REDUCTION COEFFICIENT NOT REQUIRED NO SCALE NOT TO SCALE
O.A. OA OBGL OBW OC	OVERALL OUTSIDE AIR OBSCURE GLASS OBSCURE WIRE GLASS ON CENTER

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14

14	13	12	
	OSB OTS	ORIENTED STRAND BOARD OPEN TO STRUCTURE	
	P# P.L. PA	PLUMBING PROPERTY LINE PUBLIC ADDRESS	
SUM WALL BOARD	PAR PARTN PB PBD	PARALLEL PARTITION(S) PLANTING BED PARTICAL BOARD	
	PC PCC PCF	PIECE PRECAST CONCRETE POUNDS PER CUBIC FOOT	
	PCPL PD PE	PORTLAND CEMENT PLASTER PAVEMENT DRAIN PORCELAIN ENAMEL	
	PED PERF PERI	PEDESTAL PERFORATE(D) PERIMETER	
	PF PG PH	PRE-FINISHED PLATE GLASS PHASE	
	PI PL PLAM	POINT OF INTERSECTION PLATE PLASTIC LAMINATE	
	PLAS PLBG PLF	PLASTER PLUMBING POUNDS PER LINEAR FEET (FOOT)	
	PLG PLYWD PNL	PILING PLYWOOD PANEL	
		PAINT POLISHED PORCELAIN	
	PP	PORTABLE POWER POLE POLISHED PLATE GLASS	
	PR	PRIME PAINTED PAIR PREFABRICATE(D)	
	PRF	PREFINISHED PREFORMED PROJECT	
RESISTANCE	PSC PSF	PIPE SPACE PRESTRESSED CONCRETE POUNDS PER SQUARE FOOT	
MBER		POUNDS PER SQUARE INCH PRESSURE TREATED WOOD POINT	
		POST-TENSIONED CONCRETE PAPER TOWEL DISPENSER PAPER TOWEL RECEPTOR	
	PVC	PAVE(D)(ING) POLYVINYLCHLORIDE PAVEMENT	
	QT. QTRS	QUARRY TILE QUART QUARTERS	
INT ;	QTY R	QUANTITY REVISION, REVISED	
CAL, PLUMBING NT ROOM	R# R/C RA	ROOF-CEILING RETURN AIR	
i	RAD RB RC	RADIUS RUBBER BASE REMOTE CONTROL	
	RD REC	REFLECTED CEILING PLAN ROOF DRAIN RECEPTACLE	
	REFER REG	REGLET	
	REM REQD	REINFORCE(D) REMOVE(ABLE) REQUIRED	
RACT (INSTALL BY	RET	RESILIENT RETURN REVISION(S), REVISED	
	RFG RFH RFL	ROOF HATCH	
	RGE RGH RH	RANGE ROUGH RIGHT HAND(ED)	
	RIS RL RM	RAIL(ING)	
	RO	ROUND ROUGH OPENING RIGHT OF WAY	
		RETRACTABLE PARTITION RAISED PATTERN RUBBER TILE RESTROOM	
	RSR RT RUB	RISER RUBBER TILE RUBBER	
TION AGENCY		REVERSE (SIDE) RAINWATER CONDUCTOR RAINWATER LEADER	
	S S# S&R	SOUTH STRUCTURAL SHELF & ROD	
FFICIENT	S.C. S.D. SA	SPECIAL COATING STORM DRAIN SUPPLY AIR	
	SAB SAF SB	SOUND ATTENUATION BLANKET SELF ADHEARED FLASHING SPLASH BLOCK	
	SC SCHED SCMU	SOLID CORE MASONRY UNIT	
	SCUT SCWD SD	SOLID CORE WOOD DOOR SCHEMATIC DESIGN	
	SDI SEAL SFGL		
	SFTU SFU SG	STRUCTURAL FACING UNIT SHEET GLASS	
	SGL	SINGLE	

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D	SOUND-PROOF DOOR
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ΡΗ PKR	SPACE HEATER SPEAKER
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SK SMR	SERVICE SINK STANDING SEAM METAL ROOF
STL	STAINLESS STEEL STAIN
C	SOUND TRANSMISSION CLASS
D GR	STANDARD STRINGER
L N	STEEL
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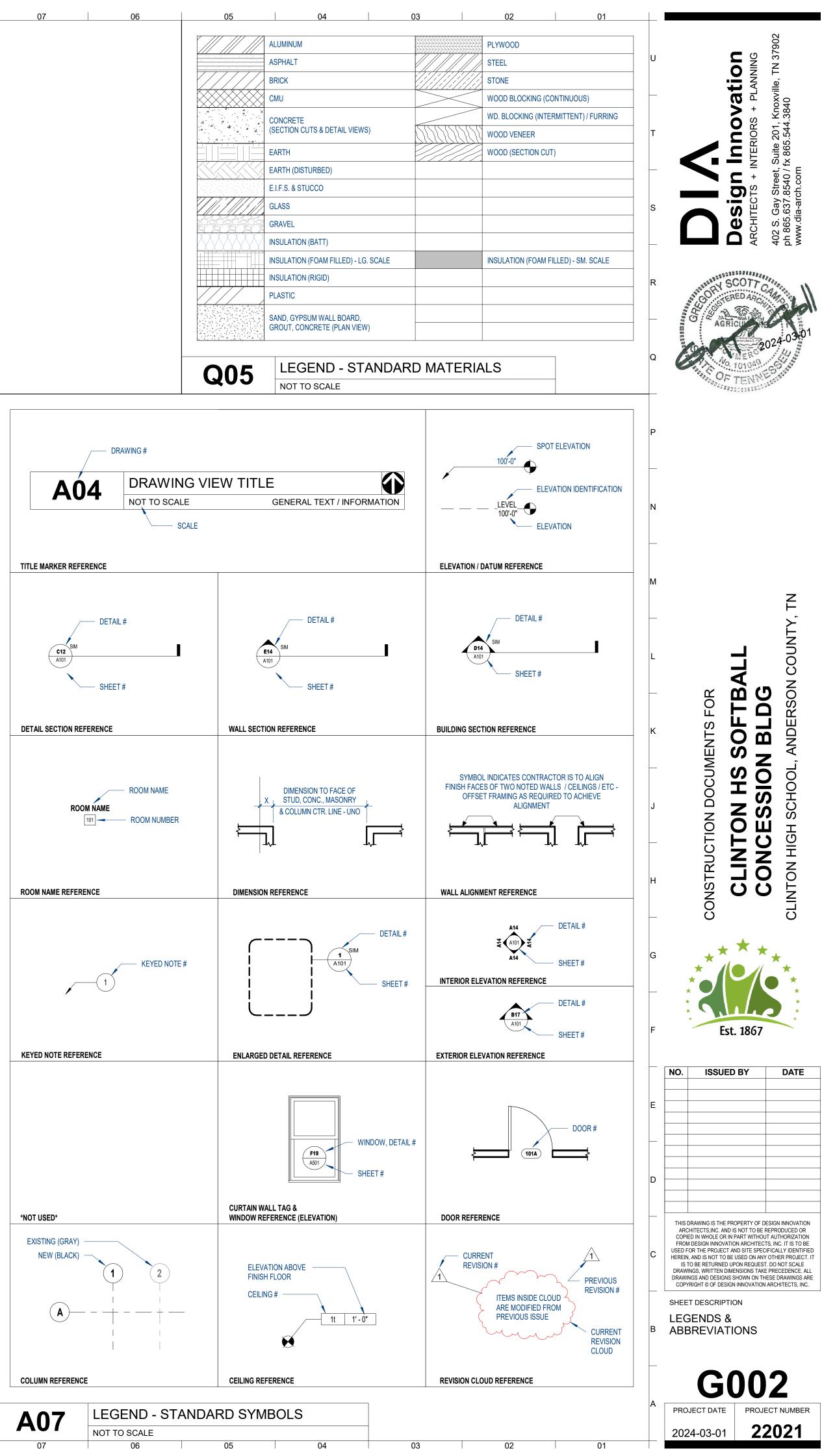
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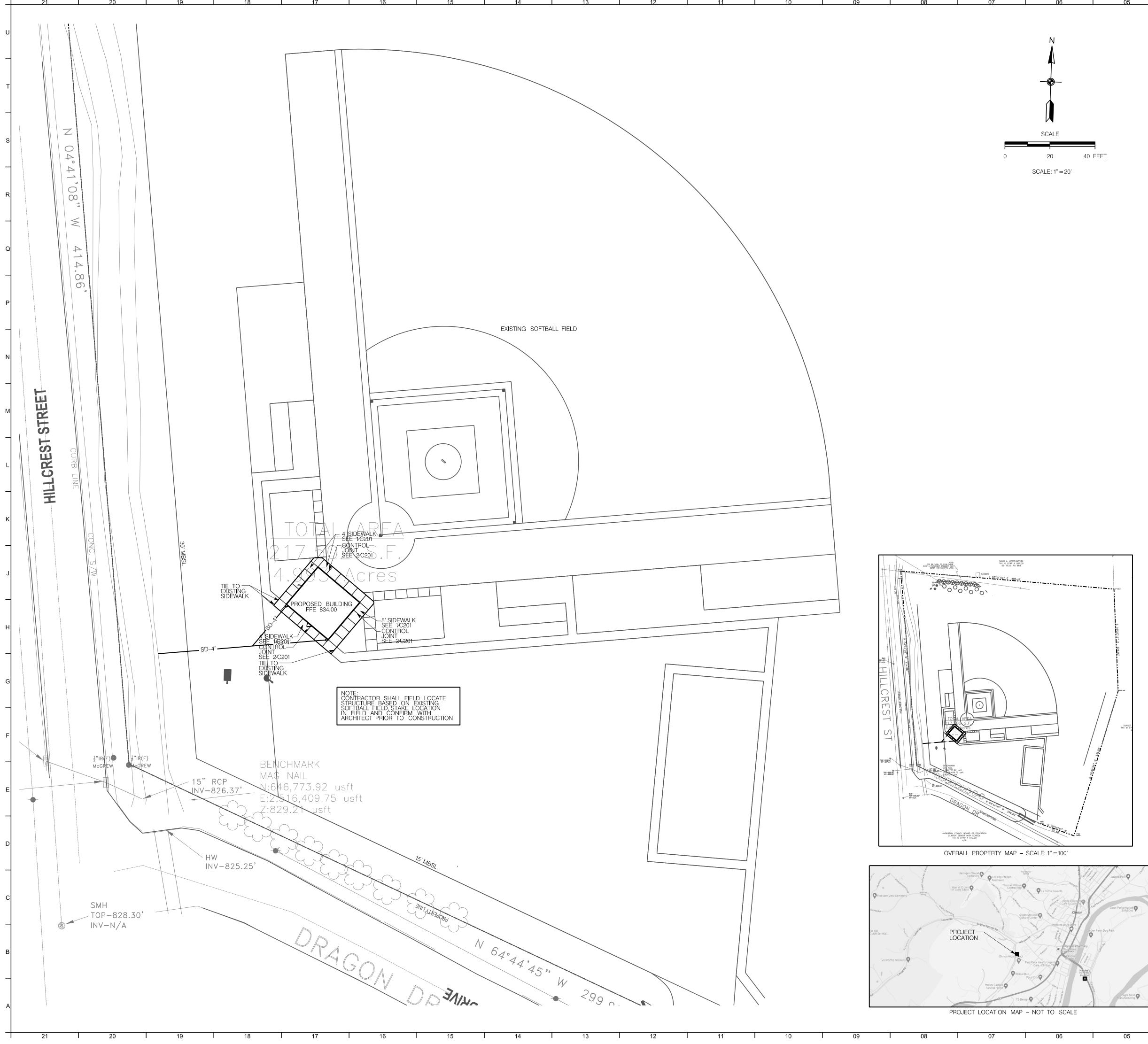
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WP	WEATHERPROOF		
WPF	WATERPROOF		
WPG	WATERPROOFING		
WPT	WORKING POINT		
WR	WASTE RECEPTACLE		
WRB	WEATHER RESISTIVE BARRIER		
WS	WATER STOP		
WSCT	WAINSCOT		
WT	WEIGHT		
WTW	WALL-TO-WALL		
WWF	WELDED WIRE FABRIC		
WWM	WELDED WIRE MESH		
XFMR	TRANSFORMER		
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, - 535.25'	5 35.25'	SPOT ELEVATION		Design Innov3 ARCHITECTS + INTERIORS + I 402 S. Gay Street, Suite 201, Knox ph 865.637.8540 / fx 865.544.3840 www.dia-arch.com
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SITE LAYOUT	<u>NOTES</u> XILITY, ZONING: R-1, PARC	EL: 074-P A 001.02		
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6. SITE BENCHMARK:	CONTACT SURVEYOR FO	DR SITE BENCHMARK. DATUM NAVD 88.		
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AND/OR COMPLETE THE OTHERS.	NESS OF EXISTING CO	NDITIONS INFORMATION PROVIDED BY	ĸ	
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). PARKING SUMMAR TOTAL REQUIRED: 1	Y: NO ADDITIONAL PARKINI	G REQUIRED	J	SCHO SCHO SCHO
TOTAL PROVIDED: N	O ADDITIONAL PARKING			UCTION DO NTON F NCESSI
10.SETBACKS:			\vdash	

SIDE: 15' REAR: 15'

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- 11. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND LICENSES FOR EXECUTION OF THE WORK. ALL MATERIALS AND EXECUTION OF THE WORK SHALL BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS.
- 12.CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE 'MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION' ISSUED BY THE AGC OF AMERICA, INC. AND THE SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION ISSUED BY THE US DEPARTMENT OF LABOR. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION EROSION AND SEDIMENT CONTROL HANDBOOK.
- 13. VERIFY SITE CONDITIONS, DIMENSIONS, ELEVATIONS, AND LOCATION OF EXISTING FEATURES BEFORE STARTING WORK. THE OWNERS REPRESENTATIVE SHALL BE NOTIFIED OF ANY INTERFERENCES OR DISCREPANCIES.
- 14.TRAFFIC CONTROL IN CONSTRUCTION AREAS TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 15.CORRECT ALL DAMAGE TO EXISTING PAVEMENT, SIDEWALKS, DRAINAGE STRUCTURES, UTILITIES, OR OTHER EXISTING IMPROVEMENTS AT NO EXPENSE TO THE OWNER.
- 16.PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND/OR CONCRETE AND NEW PAVEMENT AND/OR CONCRETE. FIELD ADJUSTMENT OF FINAL GRADES MAY BE REQUIRED. INSTALL ALL STORM SYSTEMS PRIOR TO INSTALLATION OF PAVEMENT AND/OR CONCRETE.
- 17. DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVEMENT, OR TO THE FACE OF BUILDING UNLESS NOTED OTHERWISE.
- 18. MAINTAIN ONE SET OF AS-BUILT DRAWINGS ON THE JOB SITE FOR DISTRIBUTION TO THE ENGINEER UPON COMPLETION. INCLUDE ALL UTILITY LOCATIONS AND ALL NEW SIDEWALK RAMPS, ELEVATIONS FOR ALL SANITARY AND STORM SEWER STRUCTURES SHALL BE INCLUDED. DRAWINGS SHALL INCLUDE VERTICAL AND HORIZONTAL INFORMATION ON ALL NEW UTILITIES AS WELL AS EXISTING UTILITIES DISCOVERED DURING CONSTRUCTION.

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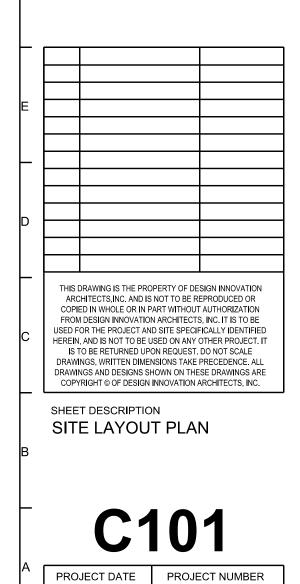
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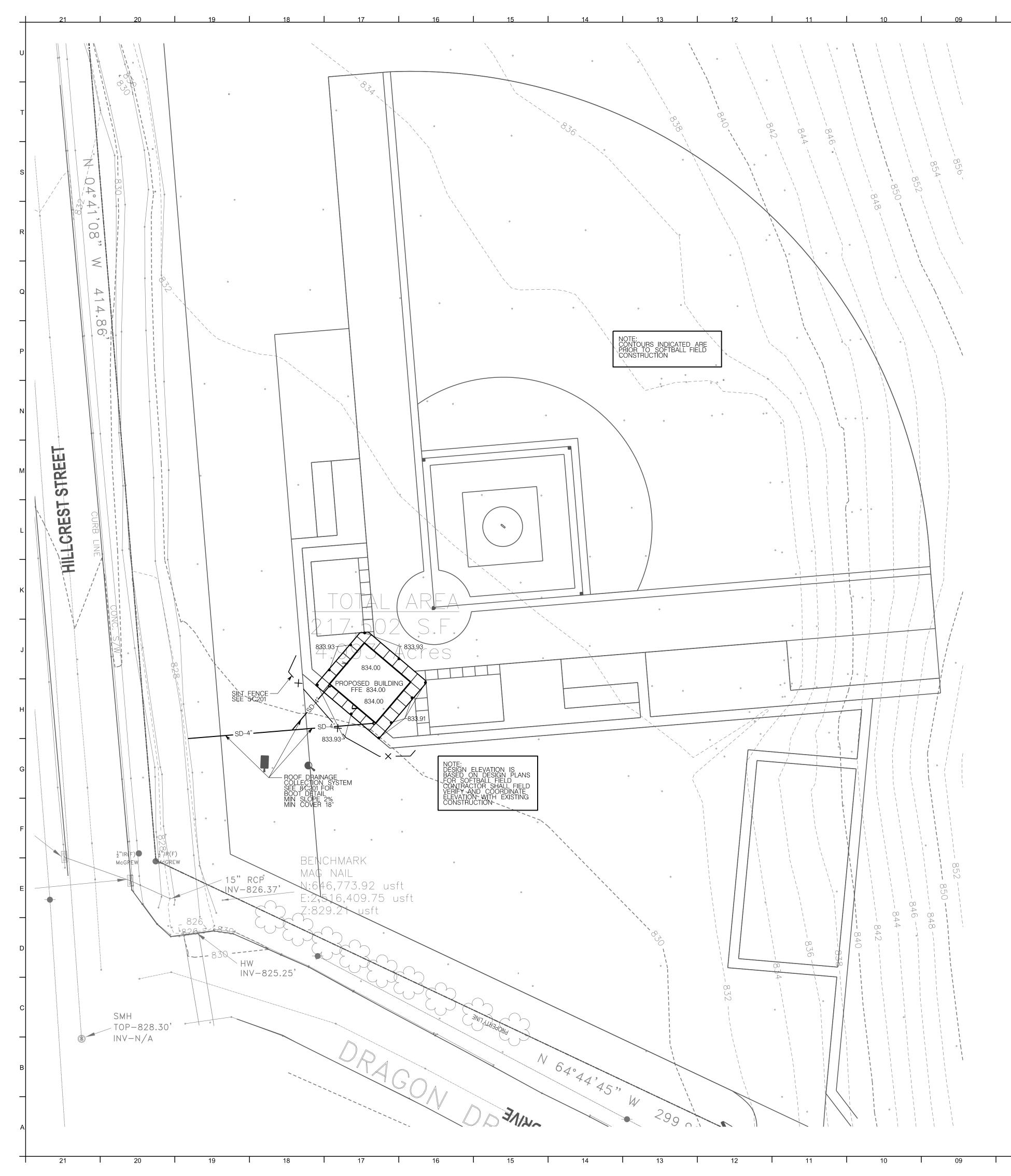
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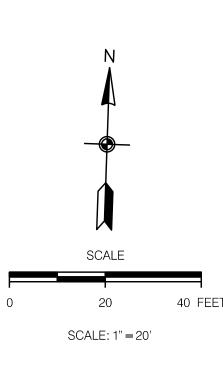


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NA		ASPHALT PAVEMENT
NA		RIP RAP

SITE GRADING NOTES

- 1. SITE BENCHMARK: CONTACT SURVEYOR FOR LOCATION AND ELEVATION OF SITE BENCHMARK BASIS NAVD88.
- 2. SITE BOUNDARY AND TOPOGRAPHIC INFORMATION IS BASED ON A SURVEY BY ABBOTT SURVEYING DATED 05/12/2019. THE GRADING CONTRACTOR SHALL VERIFY CONDITIONS AND INFORM THE ENGINEER OF ANY DISCREPANCIES. THE ARCHITECT AND THE ENGINEER ACCEPT NO RESPONSIBILITY FOR THE ACCURACY AND/OR COMPLETENESS OF EXISTING CONDITIONS INFORMATION PROVIDED BY OTHERS.
- UTILITY INFORMATION IS BASED ON INFORMATION OBTAINED FROM THE UTILITY PROVIDERS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACCURACY OF THIS INFORMATION.
- 4. CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES INCLUDING SILT FENCE, RIP RAP, AND EROSION CONTROL MAT AS SOON AS PRACTICAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THESE STRUCTURES UNTIL THE SITE HAS BEEN SUFFICIENTLY STABILIZED.
- 5. THE CONTRACTOR SHALL EMPLOY SOILS CONSULTANTS FOR THE TESTING OF SOIL COMPACTION IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. SOIL SHALL BE COMPACTED TO 98% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR METHOD. SOIL MOISTURE CONTENT SHALL BE MAINTAINED WITHIN +/- 3% OF OPTIMUM.
- 6. THIS PROJECT MAY INVOLVE IMPORT OR WASTE OF FILL MATERIAL. THE CONTRACTOR SHALL REVIEW THIS PLAN, THE SITE SURVEY, AND INSPECT THE SITE ITSELF. THE CONTRACTOR SHALL THEN FORMULATE HIS OWN OPINION AS TO THE APPLICABILITY OF THIS PLAN TO THE GOAL OF AN ECONOMICALLY OPTIMAL SITE. CONTACT THE ENGINEER IF CHANGES TO THIS GRADING PLAN ARE REQUIRED TO MEET THIS GOAL.
- ALL SLOPES GREATER THAN 3:1 SHALL BE SPREAD WITH NORTH AMERICAN GREEN S-71 EROSION CONTROL FABRIC. INSTALL FABRIC PER MANUFACTURERS RECOMMENDATIONS.
- 8. NO SLOPES SHALL BE GREATER THAN 2 HORIZONTAL : 1 VERTICAL.
- 9. APPLY TEMPORARY SEEDING WHENEVER GRADING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS AND FINAL GRADING OR EXPOSED SURFACES IS TO BE COMPLETED WITHIN ONE YEAR. APPLY TEMPORARY SEEDING TO SOIL STOCKPILES.
- 10. APPLY PERMANENT SEEDING WHENEVER GRADING OPERATIONS ARE COMPLETED AND ALL CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. APPLY PERMANENT SEEDING TO ALL NON-CONSTRUCTION AREAS WHICH SHOW SIGNS OF EXCESSIVE EROSION.
- 11. EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL FOLLOW THE APPROVED PLAN DETAILS. IF DETAILS ARE NOT SHOWN, REFERENCE THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
- 12. SLOPES SHALL HAVE EROSION CONTROL MAT INSTALLED IMMEDIATELY AFTER SLOPE GRADING IS COMPLETED AND TOPSOIL HAS BEEN INSTALLED TO ENCOURAGE 'LOCK IN' OF EROSION MAT.
- 13. THIS IS A PRIORITY CONSTRUCTION ACTIVITY.
- 14. ADEQUATE DRAINAGE, EROSION AND SEDIMENT CONTROL MEASURES, BEST MANAGEMENT PRACTICES, AND/OR OTHER STORMWATER MANAGEMENT FACILITIES SHALL BE PROVIDED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION. DAMAGES TO ADJACENT PROPERTY AND/OR THE CONSTRUCTION SITE CAUSED BY THE CONTRACTOR'S OR PROPERTY OWNER'S FAILURE TO PROVIDE AND MAINTAIN ADEQUATE DRAINAGE AND EROSION/SEDIMENT CONTROL FOR THE CONSTRUCTION AREA SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER AND/OR CONTRACTOR.
- 15. CONTRACTOR SHALL STORE CHEMICALS AND SOLUABLE MATERIALS IN AN ENCLOSED, WATERPROOF LOCATION OR PROVIDED WITH SECONDARY CONTAINMENT CAPABLE OF STORING THE CONTENTS OF THE TOTAL AMOUNT OF CHEMICALS STORED. SPILL CLEANUP MATERIALS MUST BE LOCATED WITHIN THE IMMEDIATE PROXIMITY OF THE MATERIALS AS WELL.
- 16. PLACEMENT OF PORTA-POTTIES ON THE PROJECT WILL NOT BE LOCATED CLOSE TO STREAMS, WETLANDS, OR STORM DRAINS.
- 17. NO VEHICLE MAINTENANCE OF CONSTRUCTION VEHICLES WILL OCCUR ONSITE.
- 18. CONSTRUCTION MATERIALS WILL BE STAGED IN THE PAVED AREA SOUTH OF THE PROJECT. FOR TRASH ON THE PROJECT, PROVIDE A TRASH RECEPTACLE WITH A LID. MAINTAIN THE MATERIAL STAGING AREA IN AN NEAT AND ORDERLY MANNER.

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19. CONTRACTOR SHALL INSTALL 4" THICK LAYER OF QUALITY TOPSOIL ON ALL DISTURBED AREAS AND ESTABLISH A THICK STAND OF GRASS ACCEPTABLE TO THE ANDERSON COUNTY SCHOOLS SITE INSPECTOR.

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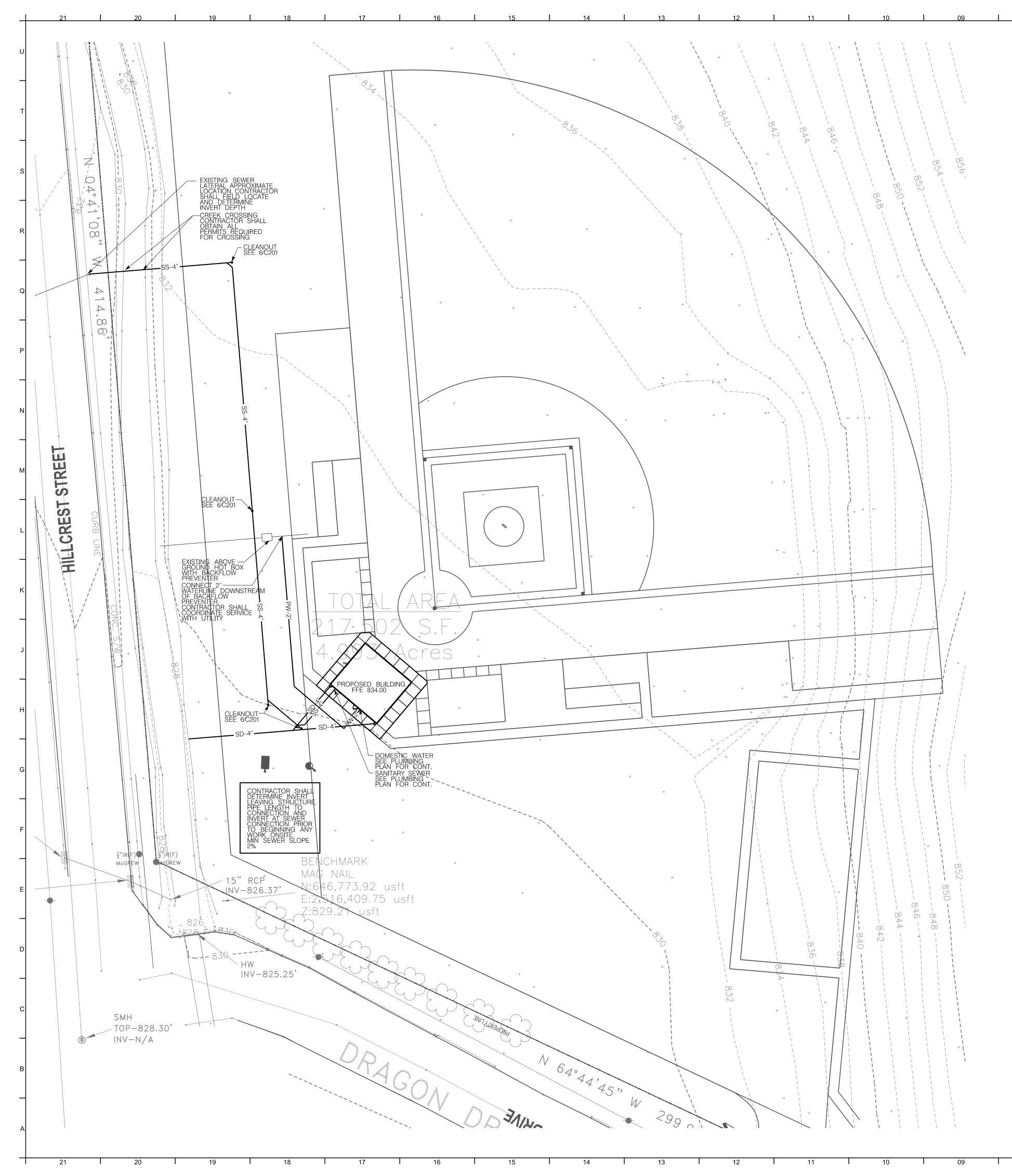
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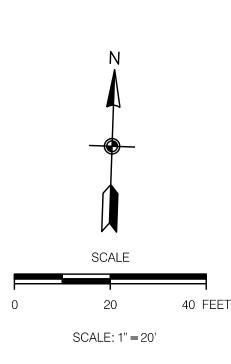
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2024-03-01 **22021**

PROJECT DATE PROJECT NUMBER





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SD	SD	STORM DRAIN
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PW	PW	POTABLE WATER
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	•	CATCH BASIN
NA		CONCRETE PAVEMENT
NA		ASPHALT PAVEMENT
NA		RIP RAP

<u>SITE UTILITY NOTES</u>

- 1. SITE BOUNDARY AND TOPOGRAPHIC INFORMATION IS BASED ON A SURVEY BY ABBOTT SURVEYING DATED 05/12/19. ALL SITE CONTRACTORS SHALL FIELD VERIFY CONDITIONS AND INFORM THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES. THE ARCHITECT AND THE ENGINEER ACCEPT NO RESPONSIBILITY FOR THE ACCURACY AND/OR COMPLETENESS OF EXISTING CONDITIONS INFORMATION PROVIDED BY OTHERS.
- 2. UTILITY INFORMATION IS BASED ON INFORMATION OBTAINED FROM THE UTILITY PROVIDERS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACCURACY OF THIS INFORMATION. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, DESIGN PLANS FOR THE DEVELOPMENT AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THE CONTRACTOR MUST CALL LOCAL UTILITY PROVIDERS AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
- 3. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED, AND APPROVED BEFORE BACKFILLING. CONTRACTOR SHALL PAY ALL FEES.
- 4. ALL NECESSARY INPSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR LOCAL UTILITY PROVIDERS SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE. AS BUILT DRAWINGS SHALL BE PREPARED AND SUBMITTED TO UTILITY PROVIDERS AS REQUIRED AFTER CONSTRUCTION AND COPIED TO ENGINEER OF RECORD.
- 5. CONTRACTOR SHALL MAINTAIN A MINIMUM COVER OF 18" ON WATER LINES AND 4 FEET ON SEWER LINES.
- 6. WATER, SEWER, AND STORM LINES SHALL BE KEPT 10 FEET APART HORIZONTALLY AND 18 INCHES APART VERTICALLY WHEN CROSSING (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE) UNLESS NOTED OTHERWISE.
- 7. WATER LINES SHALL BE AS FOLLOWS: 1–3" WATER LINE: TYPE K COPPER PIPE SIZES 4 INCHES AND LARGER: DUCTILE IRON WATER PIPE (AWWA C151, PRESSURE CLASS 350 (4 INCHES – 12 INCHES).
- 8. SANITARY SEWER PIPE SHALL BE AS FOLLOWS: PVC (SCHEDULE 40 PVC, ASTM D-1785, CONTINUALLY MARKED AS REQUIRED), FOR PIPE LESS THAN 12 FEET DEEP DUCTILE IRON PIPE (AWWA C151), FOR PIPES GREATER THAN 12 FEET DEEP.
- 9. TOPS OF EXISTING UTILITY STRUCTURES SHALL BE RAISED OR LOWERED AS NECESSARY TO BE FLUSH WITH THE PROPOSED PAVEMENT GRADE AND 6 INCHES ABOVE FINISHED GRADE IN UNPAVED AREAS.
- 10. GAS LINES SHALL BE SIZED, LOCATED, AND INSTALLED BY LOCAL UTILITY PROVIDER. CONTRACTOR SHALL COORDINATE AND PAY ALL FEES.
- 11. REFER TO ARCHITECTURAL/MEP PLANS FOR TIE IN OF ALL UTILITIES.
- 12. REFER TO ARCHITECTURAL/MEP PLANS FOR SITE LIGHTING ELECTRICAL PLAN.
- 13. FIRE PROTECTION SERVICE SHALL BE BY EXISTING FIRE HYDRANT AS DEPICTED ON THIS PLAN.
- 14. CONTRACTOR SHALL TAKE SPECIAL CARE TO BED, BACKFILL, AND COMPACT PIPE CROSSINGS WHERE A WATER OR SANITARY SEWER MAIN CROSSES WITH STORM SEWERS. CROSSINGS SHALL BE CONSTRUCTED WITH A WELL COMPACTED FULL STONE ENVELOPE SUCH THAT STORM SEWER DOES NOT BEAR DIRECTLY ON WATER OR SANITARY SEWER MAINS.
- 15. SEWER LINES SHALL HAVE A MINIMUM 6 INCHES OF STONE BEDDING AND BACKFILL AROUND THE CIRCUMFERENCE OF THE PIPE (TYPE 57 OR 67). UNDER ALL ROADS AND PAVED AREAS, WATER AND SEWER MAINS MUST BE STONE BACKFILLED FULL DEPTH TO PAVEMENT SUBGRADE.
- 16. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY CONNECTION, TAP, USE, AND OTHER FEES REQUIRED TO CONNECT WATER, SEWER, AND GAS.

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17. ANY EXISTING UTILITY STRUCTURES SHALL BE BROUGHT INTO CONFORMANCE WITH FINISH GRADE IN ACCORDANCE WITH THE RULES, RATES, AND POLICIES OF THE UTILITY OWNER.

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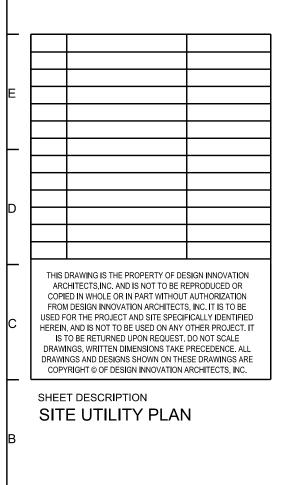
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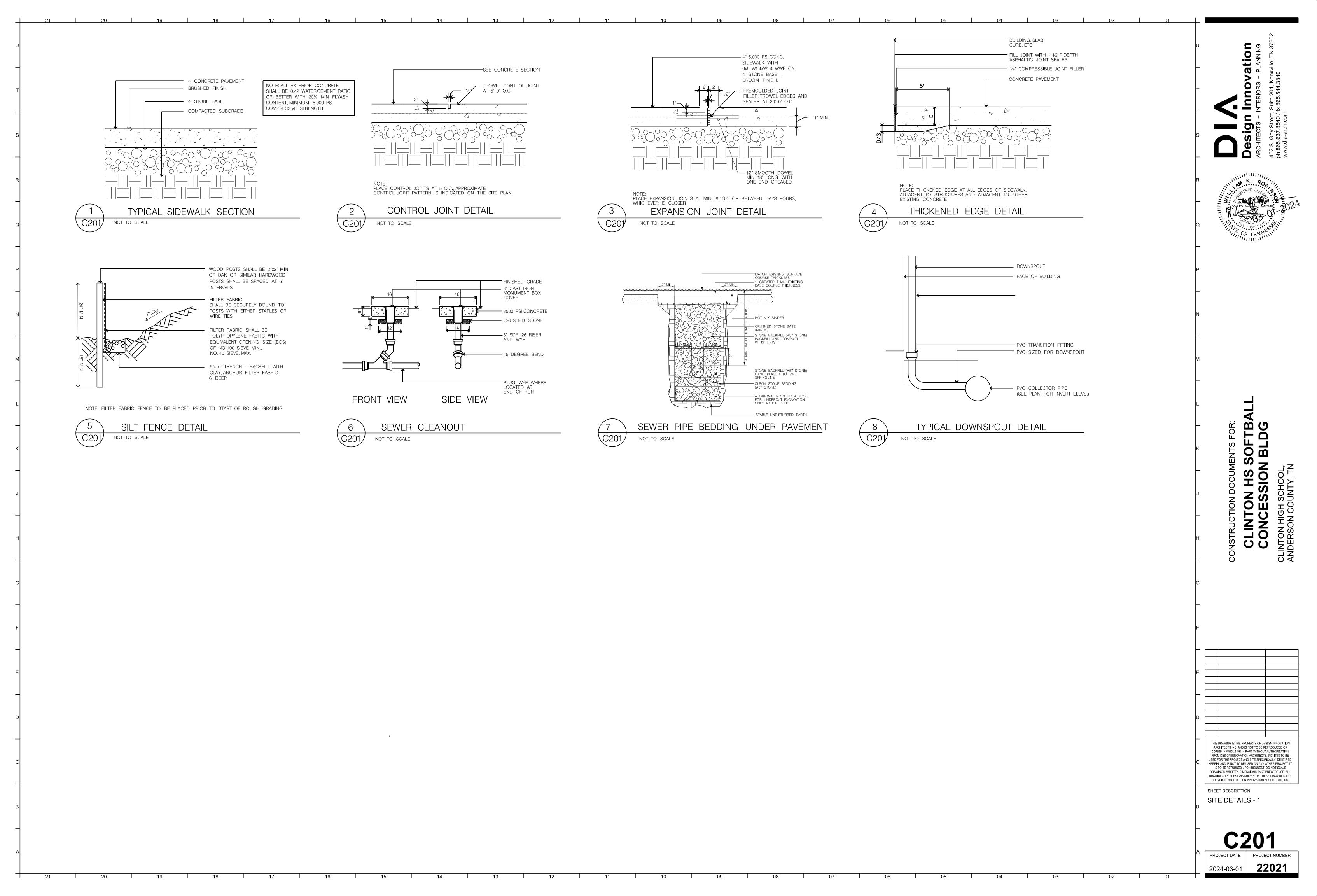
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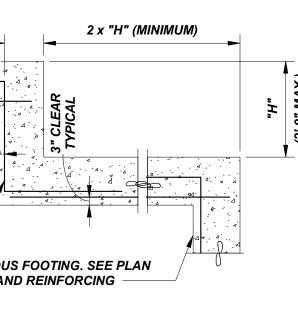
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GENE	RAL NOTES :							CLASS 'B'
1.01	ALL CONSTRUCTION SHALL CONFORM TO THE 2018 INTERNATIONAL BU SPECIFICATIONS OR CODES SHALL MEAN THE LATEST STANDARD OR COTHERWISE.						SI SI	
.02	DRAWINGS SHOW TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. DETAILS SIMILAR TO THOSE SHOWN.	FOR DETAILS NOT SPEC	FICALLY SHOWN, P	ROVIDE				CLEAR PICAL
3	VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS BEF ENGINEER OF ANY DISCREPANCY. NOTIFY THE STRUCTURAL ENGINEEF FIELD CONTRADICTORY TO THOSE SHOWN ON THE STRUCTURAL CONT	R IN WRITING OF CONDITI						
4	THE STRUCTURE IS DESIGNED FOR A COMPETED CONDITION ONLY, AND BRACING DURING CONSTRUCTION. THE STRUCTURE SHALL BE CONSID ERECTED AND CONNECTED AS SHOWN ON THE DESIGN AND SHOP FAB DIAPHRAGMS ARE COMPLETELY ATTACHED AND CURED AND THE FOO DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TH	DERED STABLE WHEN : AI BRICATION DRAWINGS, SI DTINGS HAVE BEEN COMF	LL THE FRAMING HA LAB, FLOOR, AND R PLETELY BACKFILL	NS BEEN OOF		" BAR SAME SI IMBER AS CON	ITINUOUS	REINF. CONTINUC FOR SIZE J
)5	RESPONSIBILITY OF THE CONTRACTOR. COORDINATE AND VERIFY ROOF OPENING SIZES AND LOCATIONS WITH			4 <i>L,</i>				
;	PLUMBING AND CIVIL DOCUMENTS. NOTIFY THE STRUCTURAL ENGINEE SHALL MAKE NO DEVIATION FROM THE DESIGN DRAWINGS WITHOUT W FOR DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.			NTRACTOR		TYPICAL FOO NOT TO SCAL		⁹ DE l'AIL
7	REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE STRUCTURA THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFOR				2.05	THE BOTTOM REPORT OR I		
	CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMIS DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, ASSEMBLY CONTRACT DOCUMENTS. CONTRACTOR IS ALSO RESPONSIBLE FOR ME	REQUIREMENTS, AND DII	MENSIONS SPECIFIE	D IN THE	2.06	FOOTINGS M SHALL REAC		
	PROCEDURES AND SAFETY OF CONSTRUCTION. CONTRACTOR TO REFER TO DRAWINGS OF OTHER TRADES AND VENDO NOT SHOWN ON THE STRUCTURAL DRAWINGS.	OR DRAWINGS FOR EMBL	EDDED ITEMS AND F	RECESSES	2.07 2.08	COORDINATE		
	CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL MECHANICAL WITH THE MECHANICAL AND ELECTRICAL EQUIPMENT DETAILS AND AP RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL OPENINGS AN UTILITY LINES THROUGHOUT THE BUILDING.	PROVED SHOP DRAWING	GS. IT SHALL BE THE	E	2.09	OF SUBGRAE MINIMUM MO WHERE FOUN EXCAVATION	DULUS OF NDATION E	SUBGRAD
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<u>=AD</u>	<u>LOADS:</u> ROOF20	PSF			3.02	CONCRETE. UNLESS NOT MINIMUM 28 L SPRE		RESSIVE S
VE L	<u>DADS:</u> ROOF20	PSF				INTER FOUN	RIOR SLAB	ON GRADI ALLS
	20 ROOF20 FLOOR SLABSL SE	.AB-ON-GRADE COND FLOOR	100 PSF 100 PSF		3.03	ALL EXTERIO THE PROPOS		
<u>IND I</u>	<u>.OADS:</u> ULTIMATE DESIGN WIND SPEED105	5 MPH				TESTING LAB CONTRACTO EXPERIENCE	ORATORY R'S. CONC	. RESPONS RETE PRO
		0 (MAIN WIND FORCE RES	,		3.04	316 AND 301. USE OF CALC	UM CHLO	RIDE, CHL
	ENCLOSURE CLASSIFICATION EN	15 (COMPONENTS AND C NCLOSED - 0.18	LADDING)		3.05	DETAIL CONS		
	COMPONENTS AND CLADDING WA ROOF: ZONE 1 +16.0/-28.0 PSF <10	ALL IN FERIOR ZONE 0 SF +23.6/-25.6 PS 0 SF +21.2/-23.1 PS 0 SF +20.1/-22.1 PS 00 SF +19.1/-21.1 PS	SF SF			DISCONTIN EACH SIDE		
	W/ <10	ALL END ZONE 0 SF +23.6/-31.5 PS	SF			SS		
		SF +22.6/-29.4 PS 0 SF +21.2/-26.6 PS				3 THICKNE E PLAN	KEY) JOINT —
<u>=ISM</u>	<u>C LOADS:</u> RISK CATEGORY SEISMIC IMPORTANCE FACTOR, I _e MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS	// 1.0				0" SLAB		
	MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS SITE CLASS DESIGN SPECTRA RESPONSE ACCELERATION PARAMETERS						RUCTION	JOINT DET.
	DESIGN SPECTRA RESPONSE ACCELERATION PARAMETERS SEISMIC DESIGN CATEGORY BASIC SEISMIC FORCE RESISTING SYSTEM: LIGHT-FRAMED BEARING W						RETE SLAE	3.
	BASIC SEISMIC FORCE RESISTING SYSTEM: LIGHT-FRAMED BEARING W ANALYSIS PROCEDURE RESPONSE MODIFICATION COEFFICIENT, R = SEISMIC RESPONSE COEFFICIENT, C _S = DESIGN BASE SHEAR, V =	/ALLS SHEATHED WITH W EQUIVALENT LATE 6.5 0.0726	/OOD STRUCTURAL RAL FORCE	PANELS		SEE PL	.AN	
	DESIGN BASE SHEAR, V =	2.61k				SS		
<u>IOW</u>	<u>LOADS:</u> GROUND SNOW LOAD, Pg10 RAIN ON SNOW SURCHARGE5 F) PSF PSF (BALANCED LOAD)				THICKNESS PLAN		
	ALLOWABLE SOIL BEARING PRESSURE2,	,000 PSF (ASSUMED)				" SLAB 1 SEE I		
							OL JOINT	DETAIL
	DATION NOTES : OWNER OR CONTRACTOR'S GEOTECHNICAL ENGINEER SH				3.06	DETAIL CONC MANUAL. SUB	BMIT SHOP	DRAWING
01	SUBGRADE, FILLS, AND BACKFILLS BEFORE PLACEMENT O BACKFILLS, ETC. ALL FOOTINGS SHALL REST EITHER ON U STRUCTURAL FILL. OWNER OR CONTRACTOR'S GEOTECHN	OF FOUNDATIONS, FO NDISTURBED SOIL OF	OTING, SLABS, N R NEWLY PLACEI	/ALLS, FILLS, D		LOCATIONS F SHOP DRAWIN REINFORCEM	NGS ARE C	OMPLETE
	BEARING CAPACITY PREPARATION REQUIREMENTS INCLUE FILL PLACEMENT REQUIREMENTS. A MANUALLY OPERATEL TO DENSIFY ANY SOILS IN THE BOTTOM OF THE FOOTING TRENCHES LOOSENED DU	D VIBRATOR SLED OR	R TAMPER SHOUL			REINFORCING OTHERWISE. TIE ALL REINF		
2	SIDES OF THE FOUNDATIONS SHALL BE FORMED UNLESS OF FOUNDATIONS POURED AGAINST THE EARTH REQUIRE THE EXCAVATIONS AS APPROVED BY THE GEOTECHNICAL ENGI DURING CONCRETE PLACEMENT.	FOLLOWING PRECA	UTIONS : SLOPE	SIDES OF	3.09	PROVIDE SUF TOLERANCE I PERMITTED. PROVIDE CON	DURING AL	L CONSTR
5 F	CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY PROTEC WHERE FOOTING STEPS ARE NECESSARY THEY SHALL BE HORIZONTAL.			TWO		STAGGER SPL DOWELS SHA LAPPED WITH STANDARD HO	LICE WHER LL MATCH FULL TEN	RE POSSIBI THE SIZE
					3.10	REINFORCING		IALL HAVE
						FORM #6 TI	ED CONCR HROUGH #	RETE EXPO
						COVE	R FOR TOP	SMALLER _ P BARS IN (EXPOSED
							BS AND WA	

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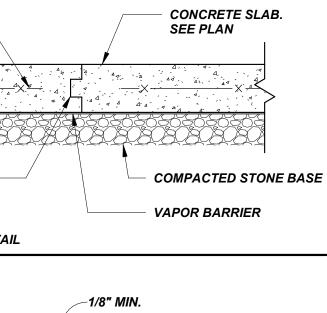
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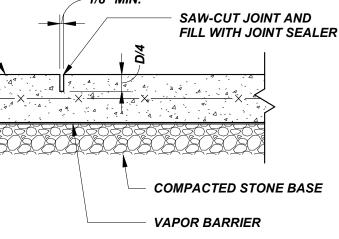


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- BEAR BELOW THE FROST DEPTH AS SPECIFIED IN THE GEOTECHNICAL PALITY.
- EFORE THE STRUCTURE IS CONSIDERED STABLE. CONCRETE SLAB *E STRENGTH BEFORE THE STRUCTURE IS CONSIDERED STABLE.*
- MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.
- CI. WHERE POSSIBLE. SEE GEOTECHNICAL REPORT FOR AREAS WHERE REACTION WILL DIFFER.
- MUST REMAIN OPEN AND ARE SUBJECT TO RAINFALL, THE IT AND A 3" THICK MUD MAT OF 2,000 PSI CONCRETE SHALL BE PLACED BEARING SOILS.

- FORM TO ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE ON ACI 318, BUILDING CODE REQUIREMENTS FOR REINFORCED
- ONCRETE SHALL BE NORMAL WEIGHT AND HAVE THE FOLLOWING
- RENGTHS. 3,000 PSI ------______ 3,000 PSI U.N.O. _____4,000 PSI
- _____4,000 PSI
- HAVE 5% 7% ENTRAINED AIR, UNLESS NOTED OTHERWISE.
- IIX DESIGN SHALL BE FULLY DOCUMENTED AND REVIEWED BY A BILITY FOR OBTAINING THE REQUIRED DESIGN STRENGTH IS THE ORTIONS SHALL BE ESTABLISHED ON THE BASIS OF FIELD RES WITH MATERIALS TO BE EMPLOYED IN ACCORDANCE WITH ACI
- RIDE IONS, OR OTHER SALTS IN CONCRETE IS NOT PERMITTED.
- ROL JOINTS AS SHOWN IN DETAILS BELOW :





- AND ACCESSORIES IN ACCORDANCE WITH ACI 315 DETAILING FOR APPROVAL, SHOWING ALL FABRICATION DIMENSIONS AND CING STEEL AND ACCESSORIES. DO NOT BEGIN FABRICATION UNTIL REVIEWED AND APPROVED. WRITTEN DESCRIPTION OF ATE SECTIONS, ELEVATIONS, AND DETAILS IS NOT ACCEPTABLE.
- ORM TO ASTM A615, GRADE 60 DEFORMED BARS UNLESS NOTED
- MBEDMENT SECURELY IN PLACE PRIOR TO PLACING CONCRETE. MAINTAIN THE POSITION OF REINFORCEMENT WITH SPECIFIED CTION ACTIVITIES. "STICKING" DOWELS INTO WET CONCRETE IS NOT
- MENT WHEREVER POSSIBLE. SPLICE ONLY AS SHOWN OR APPROVED. . USE FULL TENSION SPLICE (CLASS"B") UNLESS NOTED OTHERWISE. ND SPACING OF THE SPECIFIED REINFORCEMENT AND SHALL BE ES (CLASS "B") UNLESS NOTED OTHERWISE. TERMINATE BARS WITH
- THE FOLLOWING CONCRETE COVER UNLESS NOTED OTHERWISE.

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(NOT FORMED) _____3"

14

15

16

- ED TO EARTH OR WEATHER
- _____2 ONCRETE FOOTINGS SHALL BE 2"
- EARTH OR WEATHER
- ------'

13

- 3.11 DO NOT WELD OR TACK WELD REINFORCING STEEL UNLESS APPROVED OR DIRECTED BY THE STRUCTURAL ENGINEER.
- 3.12 THE DESIGN AND CONSTRUCTION OF FORMS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
 - FORMS SHALL CONFORM TO SHAPE, FORM, AND LINES ON DRAWINGS. ADEQUATE BRACING SHALL BE USED.
 - FORMS SUPPORTED ON GROUND SHALL HAVE ADEQUATE MUD SILLS. QUALIFIED WORKMEN SHALL CONSTANTLY OBSERVE AND ADJUST, AS REQUIRED, ALL SHORES
 - DURING CONCRETE PLACING. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS.

SHORING SHALL REMAIN IN PLACE UNTIL CONCRETE HAS ATTAINED 75% OF ITS 28 DAY STRENGTH.

- 3.13 ALL REINFORCING STEEL PLACEMENT SHALL BE REVIEWED BY THE GENERAL CONTRACTOR FOR COMPLIANCE WITH APPROVED SHOP DRAWINGS AND THE REQUIREMENTS OF THE SPECIFICATIONS.
- 3.14 THE FOLLOWING REINFORCING IS TO BE PROVIDED UNLESS NOTED OR DETAILED OTHERWISE.
 - PROVIDE CORNER BARS WITH CLASS 'B' SPLICE IN CORNERS OF ALL FOOTINGS, AND REINFORCED Α. WALLS. PROVIDE SAME BAR SIZE, NUMBER OF BARS, AND SPACING AS CONTINUOUS HORIZONTAL REINFORCEMENT.
 - PROVIDE "Z" BARS IN ALL FOOTING STEPS FOR EACH CONTINUOUS BAR. В.
- 3.15 FOR MISC. CONCRETE PADS OR EMBEDDED ITEMS AND RECESSES NOT SHOWN ON THE STRUCTURAL DRAWINGS, SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL DRAWINGS, AND VENDOR DRAWINGS.
- 3.16 SEE ARCHITECTURAL DRAWINGS FOR CONCRETE FILL AND REINFORCING REQUIRED FOR CONCRETE ITEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- ARE DESIGNED TO BEAR ON A SUBGRADE WITH A MINIMUM MODULUS 3.17 DO NOT PLACE PIPES OR CONDUIT IN THE PLANE OF SLABS ON GRADE. DO NOT PLACE PIPES OR DUCTS WITH DIAMETER EXCEEDING ONE HALF OF THE PENETRATED WALL THICKNESS THROUGH THE WALL UNLESS SPECIFICALLY SHOWN OR DETAILED ON THE STRUCTURAL DRAWINGS.
 - 3.18 SEE CIVIL DRAWINGS FOR EXTERIOR SIDEWALKS OR CONCRETE PAVING.
 - 3.19 PROVIDE BONDING AGENT ON CONCRETE SURFACES THAT WILL BE JOINED WITH FRESH CONCRETE.
 - 3.20 WELDED WIRE FABRIC (WWF) SHALL LAP TWO FULL MESHES AND BE SECURELY WIRED AT EACH SIDE AND END. WWF SHALL CONFORM TO ASTM A185 AND HAVE A MINIMUM ULTIMATE STRENGTH OF 75,000 PSI.
 - 3.21 EMBEDDED STRUCTURAL STEEL SHALL BE ASTM A36. ANCHOR BOLTS SHALL BE A36 THREADED RODS WITH CUT THREADS AND NUTS CONFORMING TO ASTM A563. GALVANIZE ALL ANCHOR BOLTS AND NUTS EXPOSED TO WEATHER AND WHERE INDICATED.
 - 3.22 SEE SCHEDULE BELOW FOR REINFORCING EMBEDMENT/SPLICE LENGTHS

REINFORCING EMBEDMENT/SPLICE LENGTHS

SIZE	MINIMUM SPLICE LENGTH (inches)
3	19
4	25
5	31
6	37

WOOD NOTES :

D.

4.01 ALL LUMBER TO BE #2 SOUTHERN PINE, OR BETTER KILN DRIED, UNLESS NOTED OTHERWISE. 2x4 NON-BEARING STUDS CAN BE SPF STUD GRADE. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY, OR EXPOSED TO WEATHER SHALL BE PRESSURE TREATED TO A MINIMUM RETENTION LEVEL OR 0.25. PRESSURE TREATED LUMBER USED AS A BEARING PLATE SHALL BE KILN DRIED AFTER TREATMENT. OTHER LUMBER SHALL BE EQUAL TO OR GREATER THAN THE FOLLOWING:

MEMBER	SPECIES	GRADE	Fb	Fb
2x4	SYP	NO. 2	1,100 PSI	1,400,000 PSI
2x4	SPF	NO. 2	775 PSI	1,100,000 PSI
2x6	SYP	NO. 2	1,000 PSI	1,400,000 PSI
2x6	SPF	NO. 2	775 PSI	1,100,000 PSI
2x8	SYP	NO. 2	925 PSI	1,400,000 PSI
2x10	SYP	NO. 2	800 PSI	1,400,000 PSI
2x12	SYP	NO. 1	1,000 PSI	1,600,000 PSI
LVL	N/A	2.0E	2,900 PSI	2,000,000 PSI
LSL RIM BOARD	N/A	1.3E	1,700 PSI	1,300,000 PSI
PSL COLUMN	N/A	1.8E	2,400 PSI	1,800,000 PSI

- 4.02 CONTRACTOR SHALL USE 'SIMPSON STRONG TIE' (OR APPROVED EQUAL) WOOD FRAMING ANCHORS, CONNECTORS, HANGERS, ETC. FOR ALL WOOD TO WOOD CONNECTIONS. ALL ANCHORS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS IN ORDER TO ACHIEVE MAXIMUM CONNECTOR CAPACITY. ALL CONNECTORS SHALL BE GALVANIZED CONNECTORS IN CONTACT WITH PRESSURE TREATED LUMBER, AND CONNECTORS SHALL HAVE A MINIMUM G185 COATING IN ACCORDANCE WITH ASTM A153.
- 4.03 ROOF SHEATHING TO BE 5/8" (OR 19/32") EXTERIOR GRADE PLYWOOD WITH AN APA SPAN RATING OF 32/16, U.N.O. ALL EDGES SHALL BE BLOCKED WITH LUMBER OR PROVIDE PLYWOOD CLIPS (1 CLIP PER SPAN). ROOF SHEATHING SHALL BE FASTENED TO JOISTS AND BLOCKING WITH 10d COMMON NAILS AT 6" O.C. EDGES AND 12" O.C. INTERMEDIATE, U.N.O. SHEATHING SHALL BE INSTALLED IN ACCORDANCE WITH LAYOUT CASE 1 OR 2018 IBC TABLE 2306.3.1.
- 4.04 CUTTING, NOTCHING, BORED HOLES IN STUD WALLS, RAFTER, ETC., SHALL BE DONE IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE SECTION 2308.
- 4.05 ALL WOOD CONNECTIONS NOT SHOWN SHALL BE DETAILED PER THE INTERNATIONAL BUILDING CODE "FASTENING SCHEDULE" TABLE 2304.10.1.
- 4.06 ALL STEEL HARDWARE INCLUDING PLATES, NAILS, NUTS AND BOLTS SHALL BE HOT DIPPED GALVANIZED.

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4.07 ALL STEEL IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE SEPARATED WITH 15# FELT.

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										902
woo	D TRUSS NOT	<u>ES :</u>							U	OD NING TN 37902
5.01	TPI 1-2002 "NATION	IALL BE DESIGNED A AL DESIGN STANDAI TIONAL BUILDING CO	RDS FOR META		-				-	Vation + PLANNING Knoxville, TN 3: 3840
5.02	WOOD TRUSSES TO) BE DESIGNED BY A	REGISTERED	ENGINEER.						\mathbf{O} \mathbf{S} \mathbf{A}
5.03		TIONS FOR BRACING		NTROL, AND D	ESIGN OF T	RUSSES SHAL	L BE PER THE	E	т	ERIOF Inte 201 865.544
5.04	FOLLOWING ITEMS A. LAYOUT B. TRUSS D	AWINGS SHOWING S TO BE INCLUDED WI PLAN INDICATING LO ETAILS AND TRUSS REQUIREMENTS.	TH SHOP DRA	WINGS: D TRUSS TYPE.	-	OF DESIGNING	g engineer. 1	THE	-	ign I CTS + INT STreet, Su S7.8540 / fx
		IER INFORMATION R	EQUIRED TO C	OMPLETE TRU	SS PORTIO	N OF CONTRA	СТ.		S	S5.63 .dia→
5.05	PROVIDE SPECIAL I	DESIGNED TRUSSES	FOR CORNER	S, GIRDERS, HE	EADERS, ET	C.				ARCHITE ARCHITE 402 S. G ph 865.6
5.06	A. LIVE LOA B. DEAD LO	BE DESIGNED FOR I			20 PSF 10 PSF	HERWISE):				
	C. DEAD LO D. WIND LO	OAD BOTTOM CHORE ADS, SEISMIC LOAD	S, AND SNOW	LOADS	10 PSF PER DESIG	N LOADS IN G	ENERAL NOTE	ES	R	FRENCH FRENCH
5.07	A. LIVE LOA B. DEAD LO	O BE DESIGNED FOR AD TOP CHORD AD TOP CHORD AD BOTTOM CHORD			ILESS NOTE 100 PSF 10 PSF 10 PSF	ED OTHERWISE	E):		-	$W = \frac{1}{2} $
5.08	ALL LUMBER TO BE	E A MINIMUM SIZE OF , KILN DRIED, FOR W	2x4 #2 SOUTH		N DRIED, FO	OR TOP AND BO	OTTOM CHORI	DS AND	Q	COMMERCE 46 116219 55
5.09		AYOUT MAY BE SHOW DESIGN PURPOSES.	VN ON PLANS,	IT IS THE RESI	PONSIBILITY	Y OF TRUSS DE	ESIGNER TO M	IODIFY	-	A TELEVILLE
5.10		ONNECTED TO NAILE COATING AT EACH B					T WITH A MINII	ИИМ	P	Fe Design &
5.11	MAXIMUM SPACING	OF ROOF TRUSSES	TO BE 24" ON	CENTER.						
5.12		GABLE END TRUSSI S IN GENERAL NOTE:		AT 16" O.C. ANI	D DESIGNED	FOR OUT-OF-	PLANE WIND I	LOADS	-	
5.13	CONTRACTOR AND PROJECT.	SUPPLIER TO PROV	IDE ALL LABO	R AND MATERI	ALS TO COI	MPLETE TRUS	S PORTIONS C)F	N	
5.14	INSTITUTE STANDA PROVIDING TEMPO REQUIRED BY THE CONTRACT BY A DE PERMANENT BRAC	S SHALL BE BRACEL RDS BCSI - B1, B2, A RARY BRACING OF 1 TRUSS DESIGN DRA ESIGN SERVICE SUCI ING SYSTEM SHALL	ND B3, 2012 EL THE TRUSS SYS WINGS SHALL H AS ALPINE S BEAR THE STA	DITION. THE CO STEM DURING I BE PROVIDED TRUCTURAL C MPS OF A REC	NTRACTOR INSTALLATI AS PART OI ONSULTAN GISTERED E	IS SOLELY RE ON. PERMANE F THE TRUSS F TS. THE PLANS NGINEER AND	SPONSIBLE F NT BRACING P PORTIONS OF S FOR THE BE SUBMITTE	OR AS THE ED AS	_	Engineering, P.C.
	IMPARTED INTO TH	S SHOP DRAWING S E STRUCTURE LATE OP DRAWING SUBMI	RAL BRACING					20	Μ	Z

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PROJECT NUMBER

22021

SHEET DESCRIPTION

PROJECT DATE

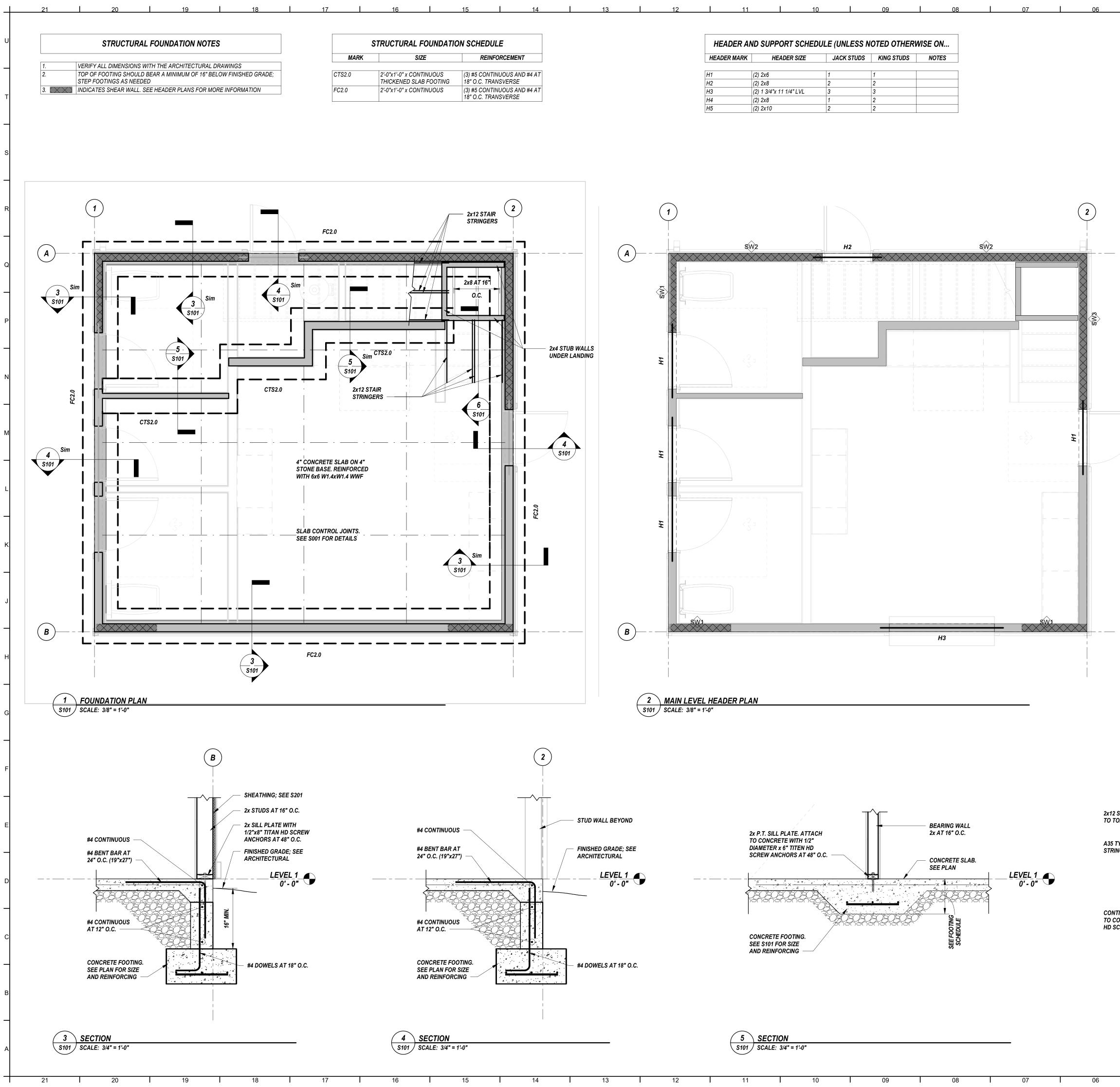
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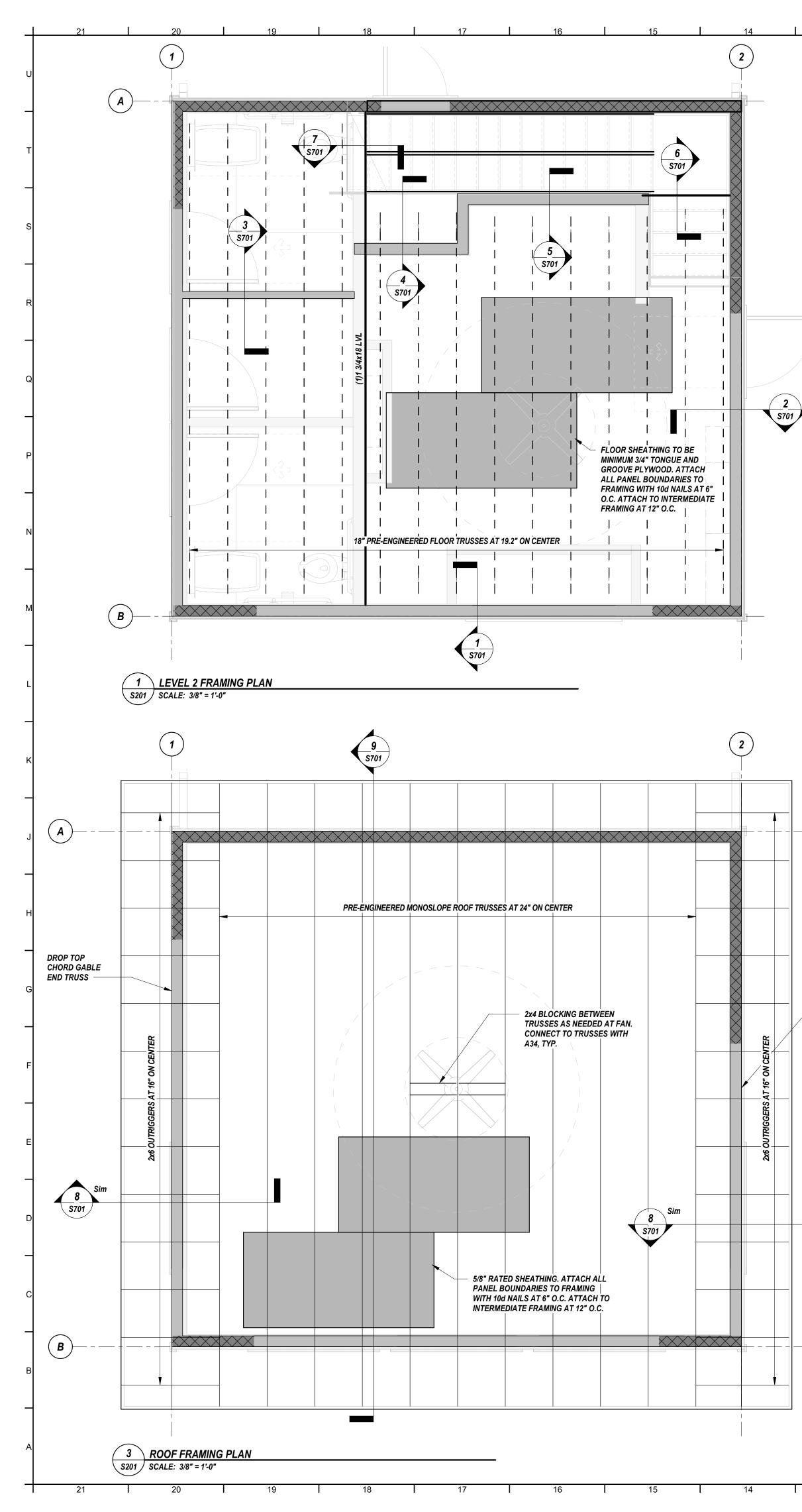
STRUCTURAL NOTES

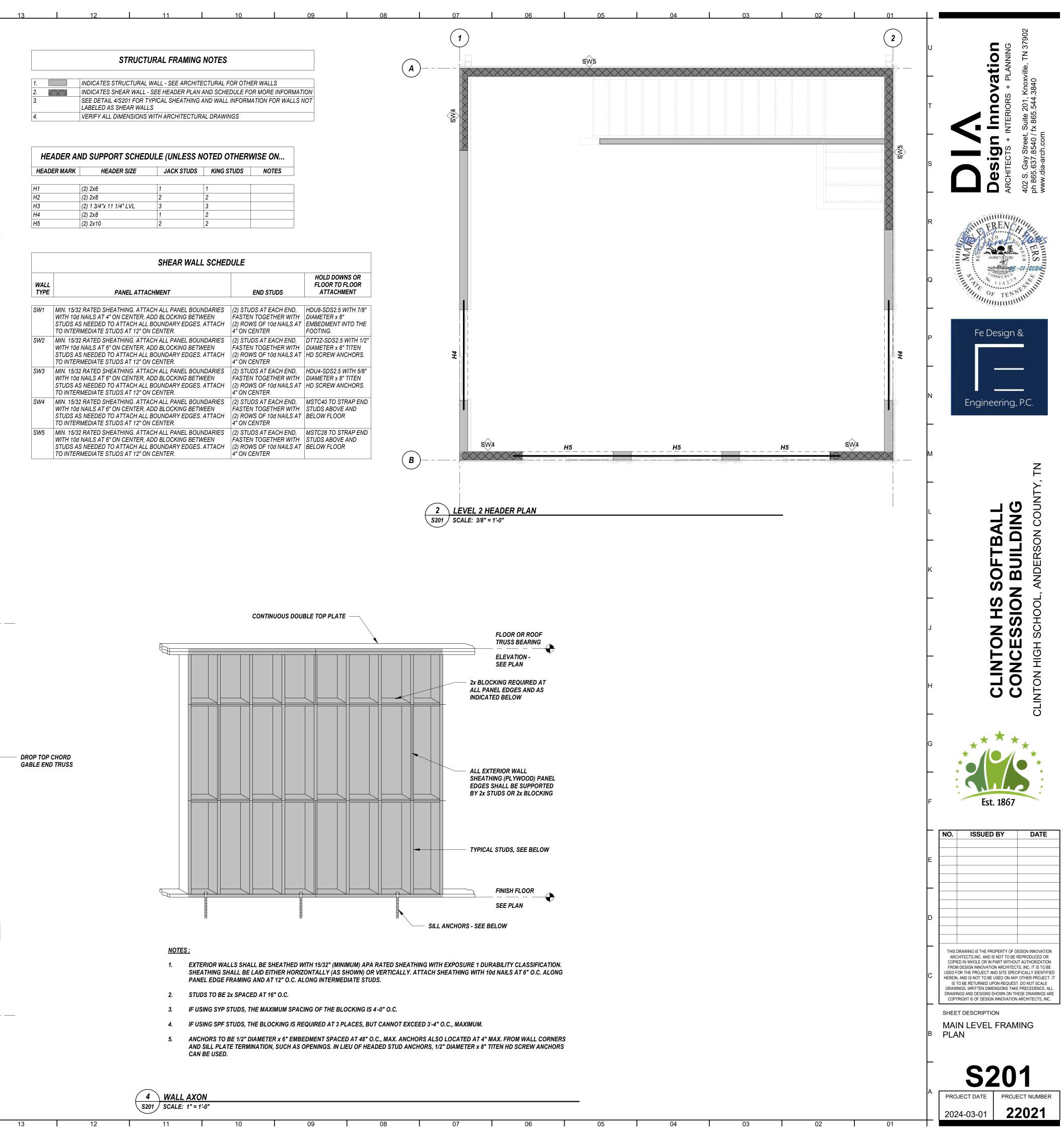
- 5.15 AS A MINIMUM, PERMANENT 2x4 DIAGONAL BRACING SHALL BE NAILED TO THE TOP SIDE OF THE ROOF TRUSS BOTTOM CHORDS AND BOTTOM SIDE OF THE TRUSS TOP CHORDS AT EACH END OF THE BUILDING AND AT 20 FOOT INTERVALS. ATTACH BRACING TO CHORDS USING (2) 16d x 3-1/2" COMMON NAILS.
- 5.16 WOOD TRUSSES SHALL NOT BE CUT, NOTCHED, OR BORED.

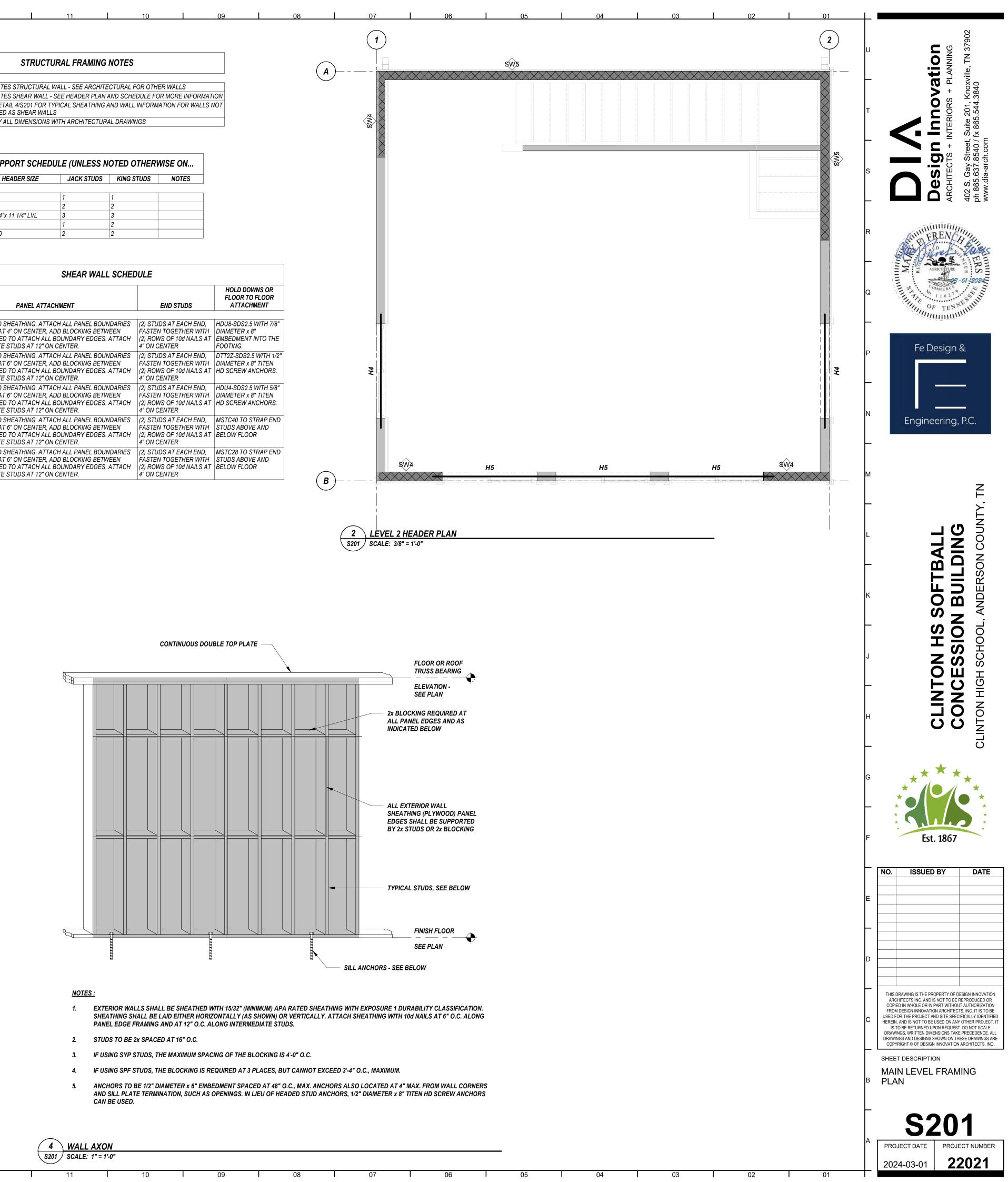


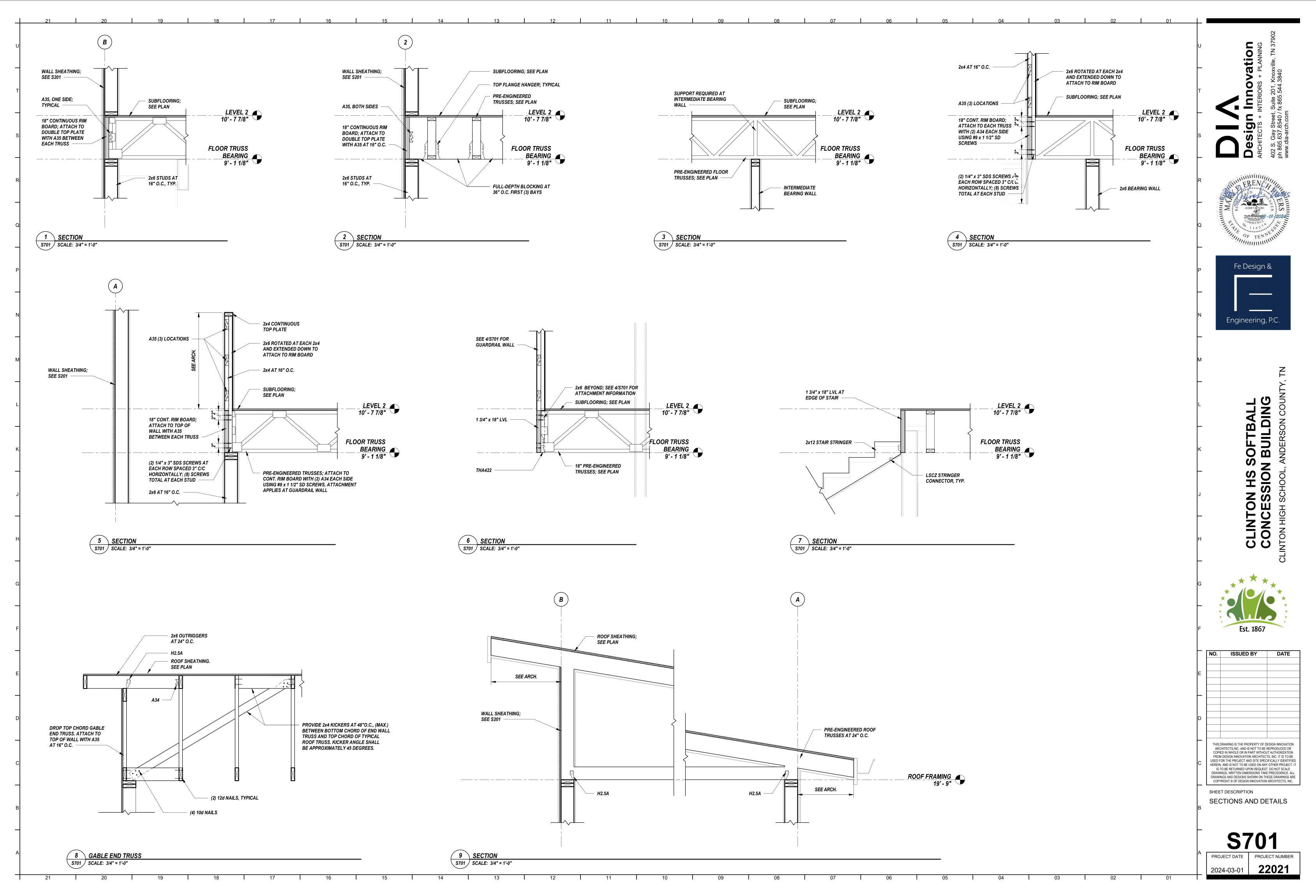
HEADER A	ND SUPPORT SCHEL	DULE (UNLESS N	NOTED OTHERN	VISE ON
HEADER MARK	HEADER SIZE	JACK STUDS	KING STUDS	NOTES
H1	(2) 2x6	1	1	
H2	(2) 2x8	2	2	
H3	(2) 1 3/4"x 11 1/4" LVL	3	3	
H4	(2) 2x8	1	2	
	(0) 0 40	•	•	

			HOLD DOWNS OR	Lion Anning iile, TN 3
WALL TYPE	PANEL ATTACHMENT	END STUDS	FLOOR TO FLOOR ATTACHMENT	T ⊂ Vation 3 + PLANNING Knoxville, TN 37902 3840
SW1	MIN. 15/32 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 4" ON CENTER, ADD BLOCKING BETWEEN	(2) STUDS AT EACH END, FASTEN TOGETHER WITH	HDU8-SDS2.5 WITH 7/8" DIAMETER x 8"	
	STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH TO INTERMEDIATE STUDS AT 12" ON CENTER.	4" ON CENTER	EMBEDMENT INTO THE FOOTING.	Suite 201, 1 fx 865.544.
SW2	MIN. 15/32 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 6" ON CENTER, ADD BLOCKING BETWEEN STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH	(2) STUDS AT EACH END, FASTEN TOGETHER WITH (2) ROWS OF 10d NAILS AT	DTT2Z-SDS2.5 WITH 1/2" DIAMETER x 8" TITEN HD SCREW ANCHORS.	eet, S com
SW3	TO INTERMEDIATE STUDS AT 12" ON CENTER. MIN. 15/32 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES	4" ON CENTER (2) STUDS AT EACH END,	HDU4-SDS2.5 WITH 5/8"	Design ARCHITECTS + IN ARCHITECTS + IN 402 S. Gay Street, 5 ph 865.637.8540 / f www.dia-arch.com
	WITH 10d NAILS AT 6" ON CENTER, ADD BLOCKING BETWEEN STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH TO INTERMEDIATE STUDS AT 12" ON CENTER.	FASTEN TOGETHER WITH (2) ROWS OF 10d NAILS AT 4" ON CENTER	DIAMETER x 8" TITEN HD SCREW ANCHORS.	ARCHITEC ARCHITEC ANW. dia-ar
SW4	MIN. 15/32 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 6" ON CENTER, ADD BLOCKING BETWEEN	(2) STUDS AT EACH END, FASTEN TOGETHER WITH	MSTC40 TO STRAP END STUDS ABOVE AND	ARC D PH 8
	STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH TO INTERMEDIATE STUDS AT 12" ON CENTER.	(2) ROWS OF 10d NAILS AT 4" ON CENTER	BELOW FLOOR	-50000
SW5	MIN. 15/32 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 6" ON CENTER, ADD BLOCKING BETWEEN STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH	(2) STUDS AT EACH END, FASTEN TOGETHER WITH (2) ROWS OF 10d NAILS AT	MSTC28 TO STRAP END STUDS ABOVE AND BELOW FLOOR	REPERENCE
	TO INTERMEDIATE STUDS AT 12" ON CENTER.	4" ON CENTER		
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AT E AT E 2x8 I E WI	ACH ACH P.T. PLATE. ATTACH TH (3) 3/8" x 4" TITEN DRS SECTION	JO CE 2x, AT LEVE	ISTS AT 16" ON INTER 4 STUB WALL WITH STUDS 7 16" ON CENTER EL 1	G Image: Constraint of the second

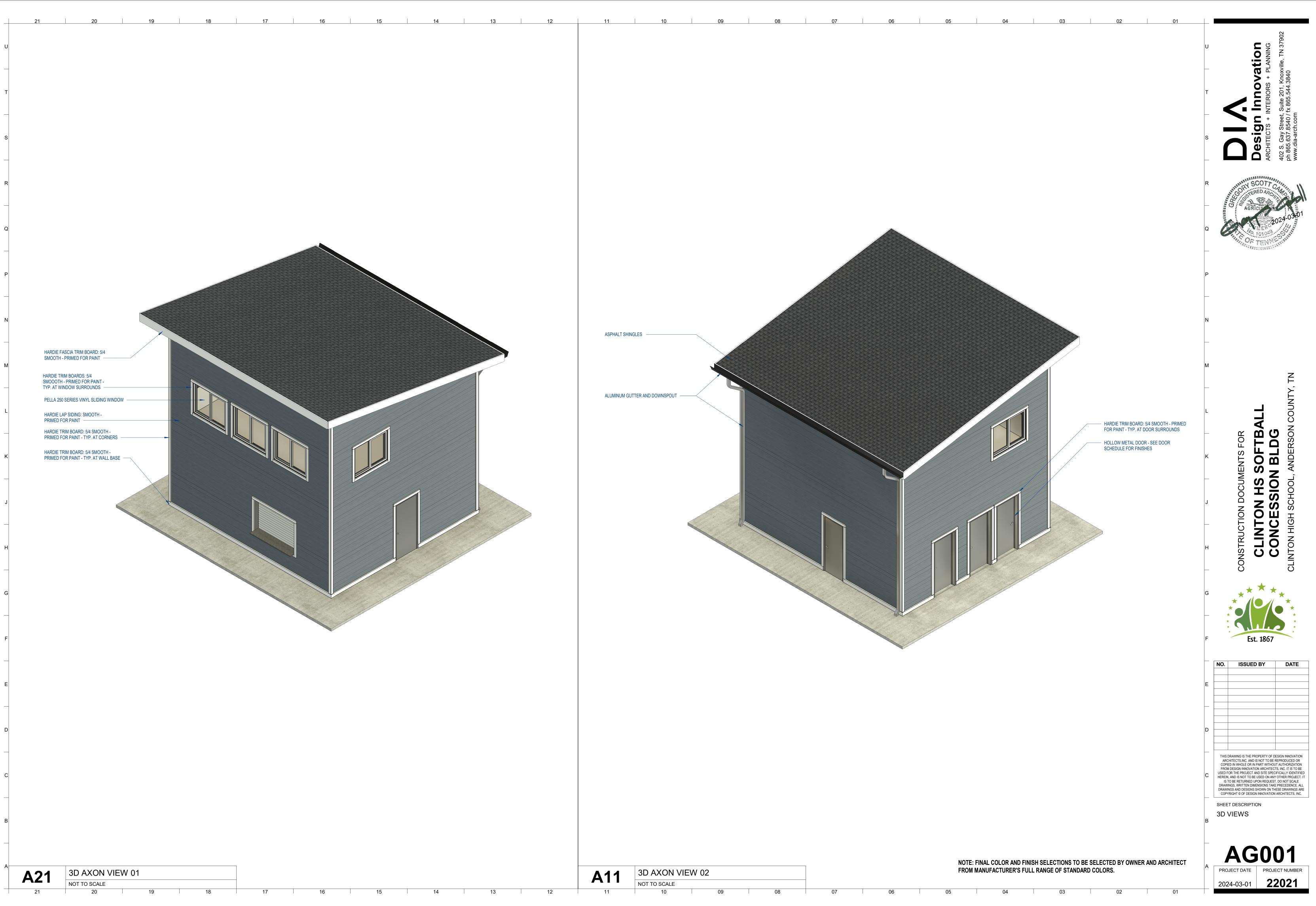


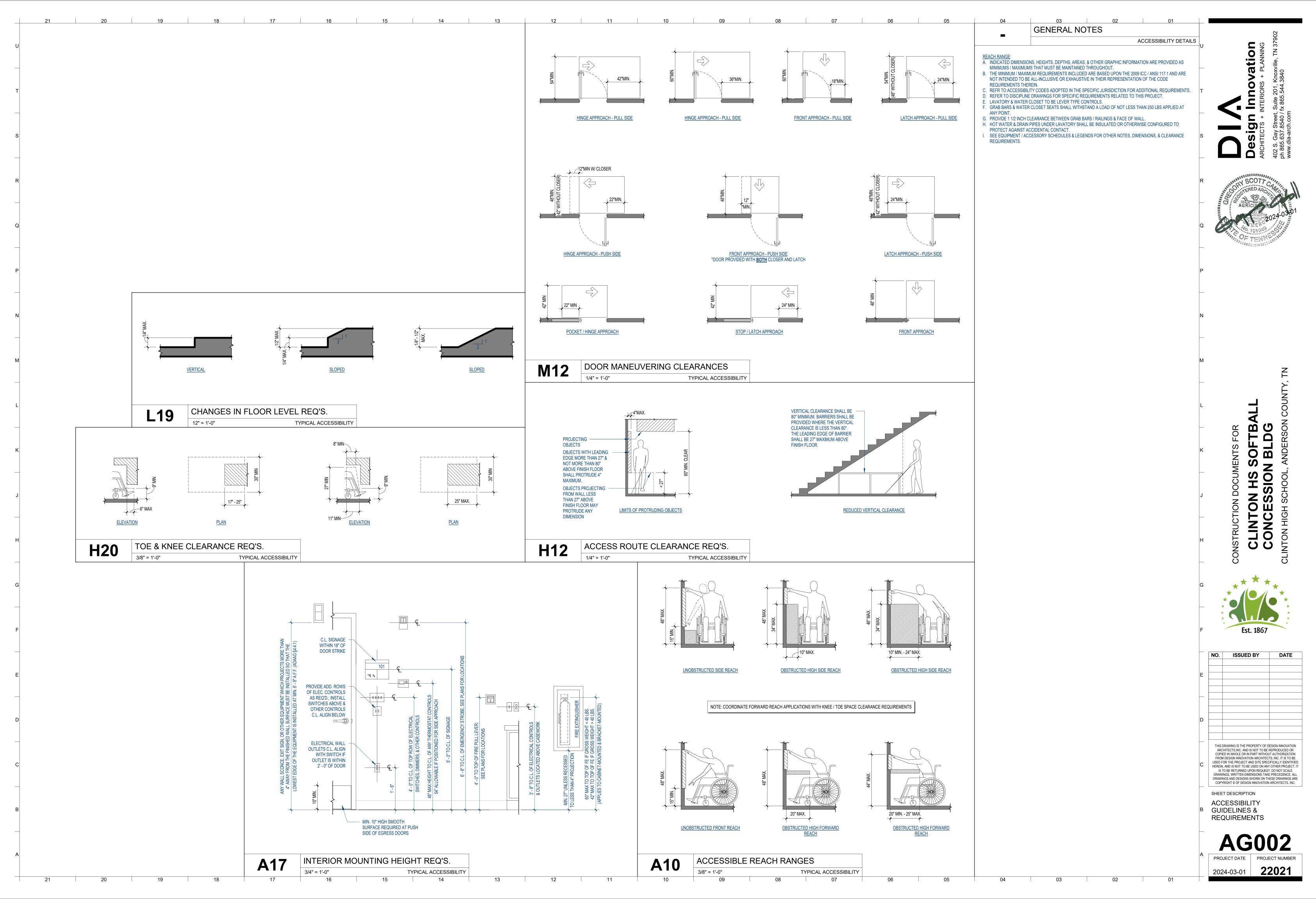






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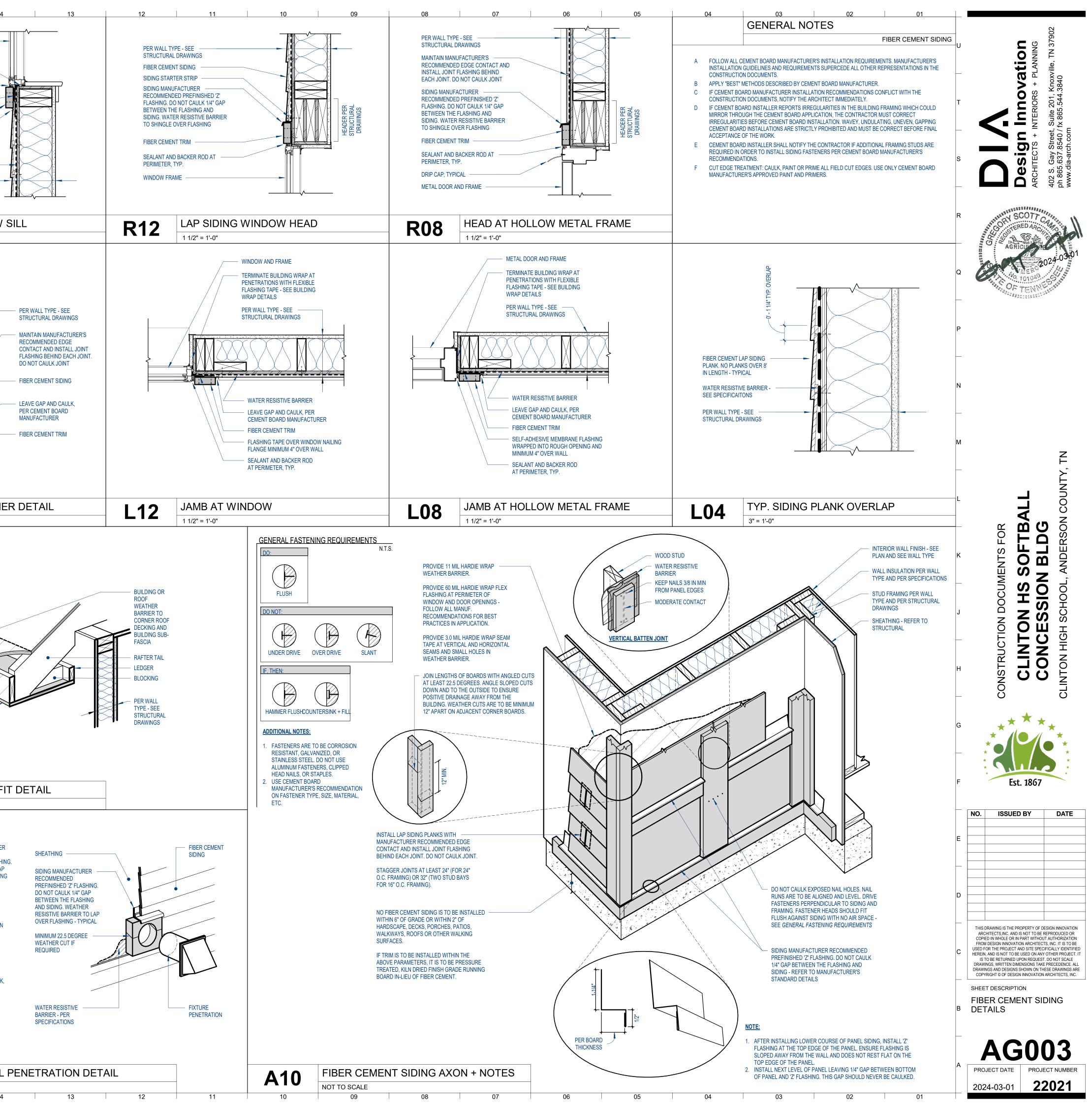


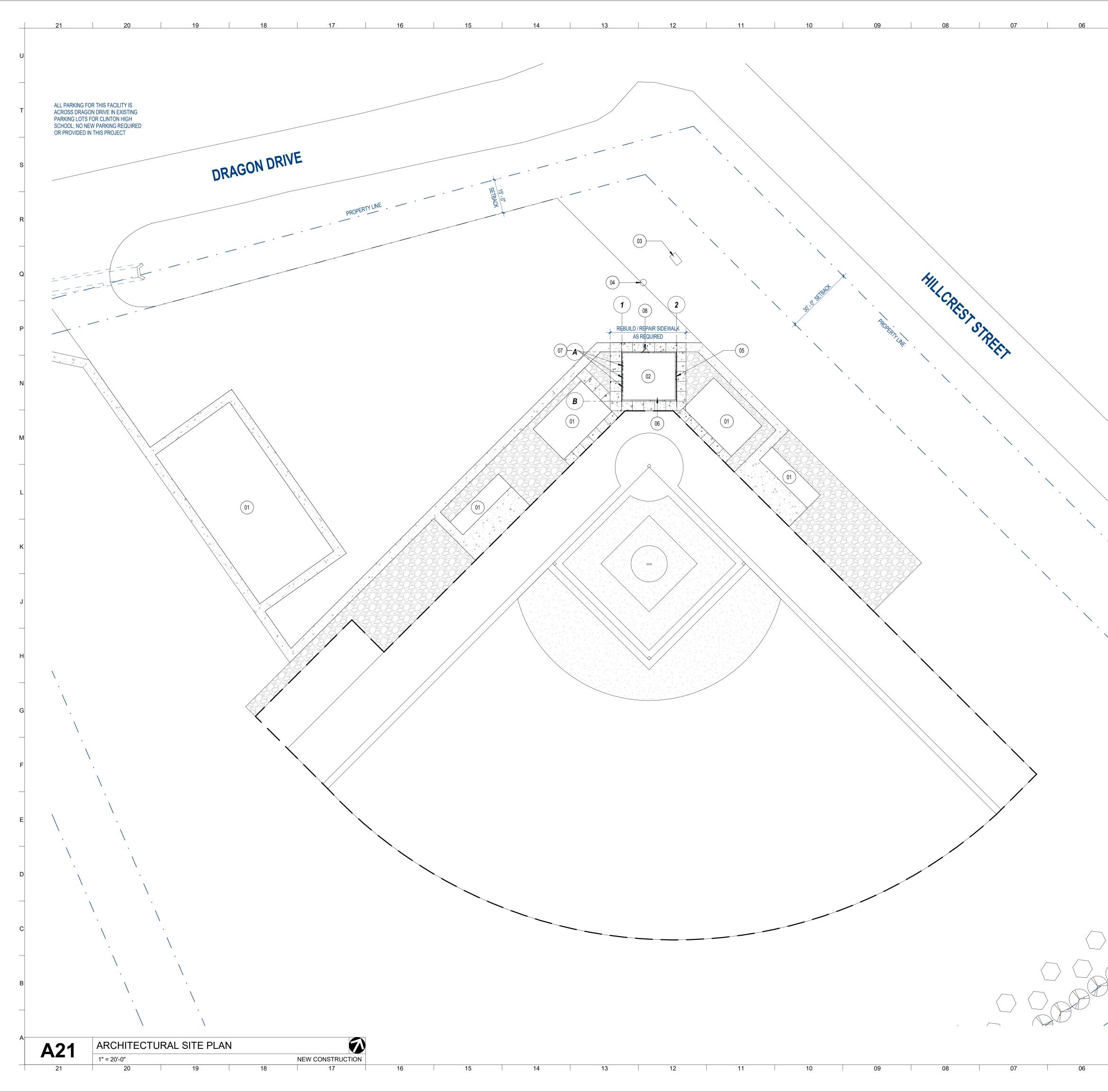


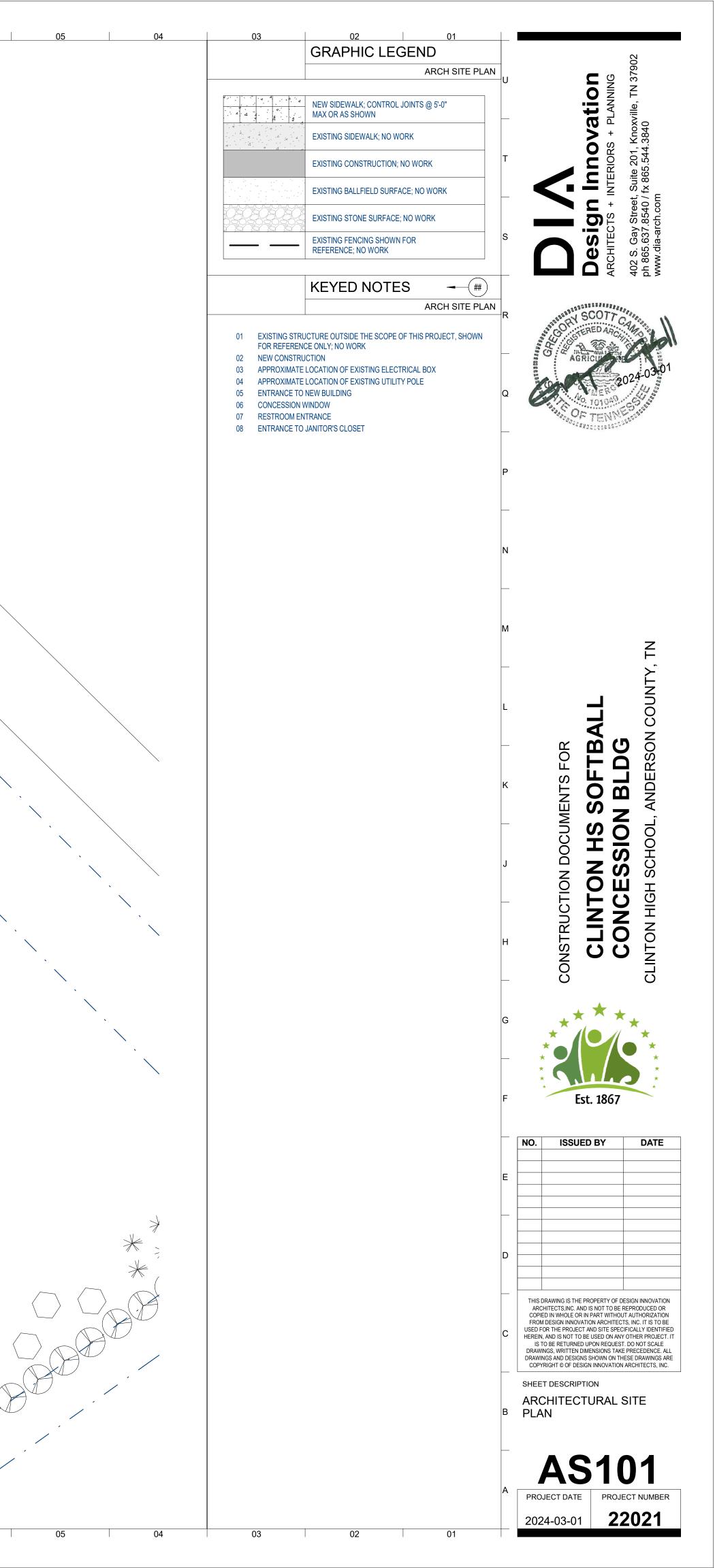
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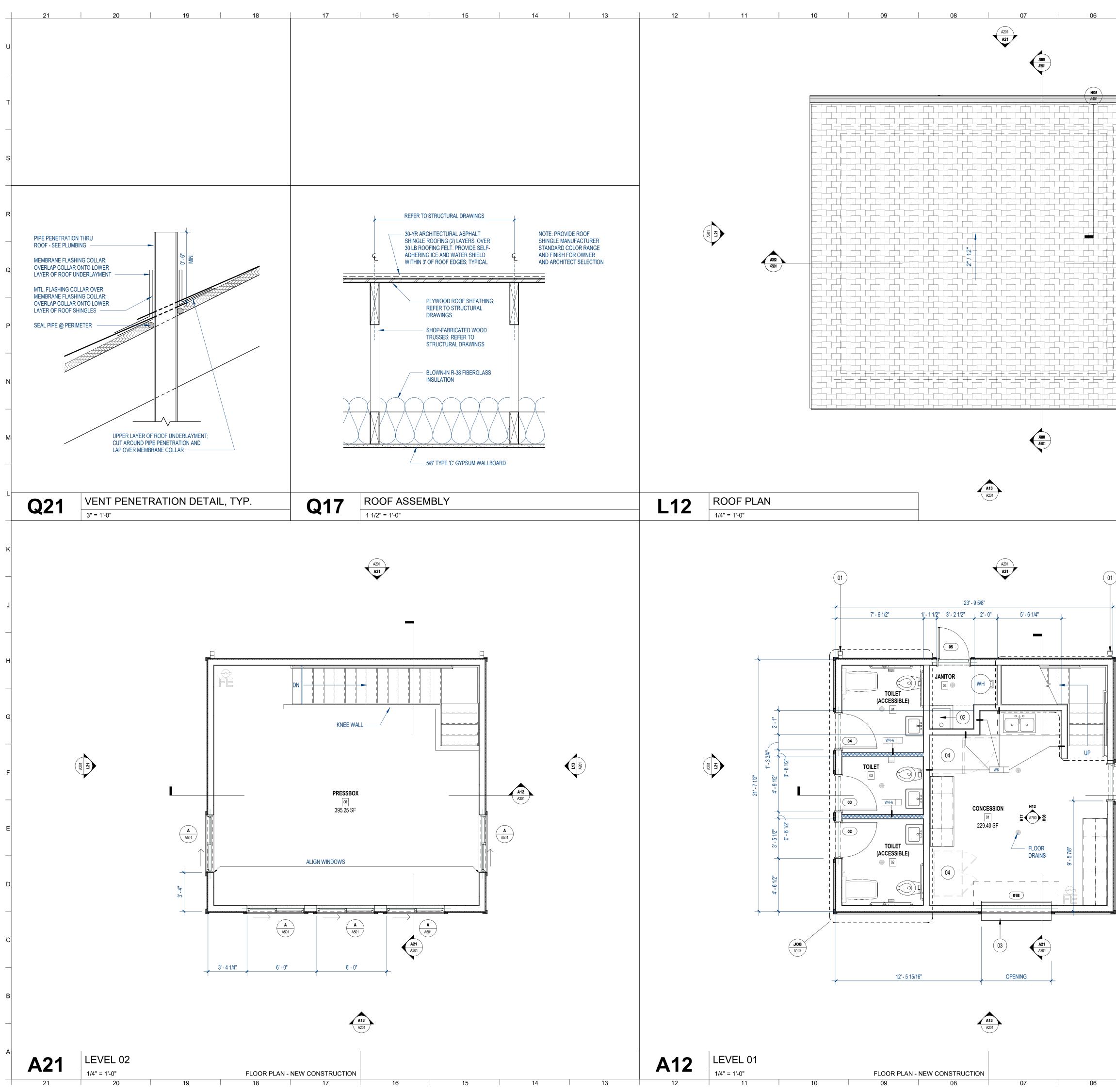
_	21 20 19 18 17	16 15 14
U	FIBER CEMENT SIDING A. GENERAL: FIBER CEMENT LAP SIDING, PANELS, TRIM, FASCIA, MOLDING AND ACCESSORIES; JAMES HARDIE HZ10 ENGINEERED FOR CLIMATE SIDING.	WINDOW FRAME
	 B. SUBMITTALS: PRODUCT DATA: MANUFACTURER'S DATA SHEETS ON EACH PRODUCT TO BE USED, INCLUDING: 1. STORAGE AND HANDLING REQUIREMENTS AND RECOMMENDATIONS. 2. PREPARATION INSTRUCTIONS AND RECOMMENDATIONS. 	PENETRATIONS WITH FLEXIBLE FLASHING TAPE - SEE BUILDING WRAP DETAILS SEALANT AND BACKER ROD AT
т	 INSTALLATION METHODS. VERIFICATION SAMPLES: FOR EACH FINISH PRODUCT SPECIFIED, TWO SAMPLES, MINIMUM SIZE 4 BY 6 INCHES, REPRESENTING ACTUAL PRODUCT, COLOR, AND PATTERNS. 	PERIMETER, TYP. SELF-ADHESIVE MEMBRANE FLASHING OVER WINDOW NAILING
_	C. QUALITY ASSURANCE: INSTALLER QUALIFICATIONS: MINIMUM OF 2 YEARS' EXPERIENCE WITH INSTALLATION OF SIMILAR PRODUCTS.	FLANGE MINIMUM 4" DOWN WALL FIBER CEMENT TRIM
s	 PROVIDE A MOCK-UP FOR EVALUATION OF SURFACE PREPARATION TECHNIQUES AND APPLICATION WORKMANSHIP. FINISH AREAS DESIGNATED BY ARCHITECT. DO NOT PROCEED WITH REMAINING WORK UNTIL WORKMANSHIP IS APPROVED BY ARCHITECT. REFINISH MOCK-UP AREA AS REQUIRED TO PRODUCE ACCEPTABLE WORK. 	LEAVE GAP AND CAULK, PER CEMENT BOARD MANUFACTURER WATER RESISTIVE BARRIER
	E. PROJECT CONDITIONS: MAINTAIN ENVIRONMENTAL CONDITIONS (TEMPERATURE, HUMIDITY, AND VENTILATION) WITHIN LIMITS RECOMMENDED BY MANUFACTURER FOR OPTIMUM RESULTS. DO NOT INSTALL PRODUCTS UNDER ENVIRONMENTAL CONDITIONS OUTSIDE MANUFACTURER'S ABSOLUTE LIMITS.	PER WALL TYPE - SEE
R	 F. WARRANTY: 1. HARDIEPLANK HZ10 LAP SIDING FOR 30 YEARS. 2. HARDIPANEL HZ10 VERTICAL SIDING FOR 30 YEARS. 3. HARDIESOFFIT HZ10 PANELS FOR 30 YEARS. 	R16 LAP SIDING WINDOW
	 HARDIETRIM HZ10 BOARDS FOR 15 YEARS. LIMITED, NON-PRO-RATED PRODUCT WARRANTY. WORKMANSHIP WARRANTY: APPLICATION LIMITED WARRANTY FOR 2 YEARS. 	1 1/2" = 1'-0"
Q	G. ACCEPTABLE MANUFACTURER: JAMES HARDIE BUILDING PRODUCTS, INC., WHICH IS LOCATED AT: 26300 LA ALAMEDA SUITE 400 ; MISSION VIEJO, CA 92691; TOLL FREE TEL: 866-274-3464; TEL: 949-367-4980; FAX: 949-367-4981; EMAIL: REQUEST INFO (INFO@JAMESHARDIE.COM); WEB: WWW.JAMESHARDIECOMMERCIAL.COM	
P	 H. SIDING: HARDIEPLANK HZ10 LAP SIDING, HARDIPANEL HZ10 VERTICAL SIDING, HARDIESOFFIT HZ10 PANELS SIDING REQUIREMENT FOR MATERIALS: FIBER-CEMENT SIDING - COMPLIES WITH ASTM C 1186 TYPE A GRADE II. FIBER-CEMENT SIDING - COMPLIES WITH ASTM E 136 AS A NONCOMBUSTIBLE MATERIAL. FIBER-CEMENT SIDING - COMPLIES WITH ASTM E 416 AS A NONCOMBUSTIBLE MATERIAL. FIBER-CEMENT SIDING - COMPLIES WITH ASTM E 44 FLAME SPREAD INDEX = 0, SMOKE DEVELOPED INDEX = 5. NATIONAL EVALUATION REPORT NO. NER 405 (BOCA, ICBO, SBCCI, IBC, IRC). 	
	 I. LAP SIDING: HARDIEPLANK HZ10 LAP AS MANUFACTURED BY JAMES HARDIE BUILDING PRODUCTS, INC. 1. TYPE: SMOOTH 6-1/4 INCHES WITH 5 INCHES EXPOSURE. J. (NOT USED) 	INTERIOR WALL FINISH - SEE PLAN AND SEE WALL TYPE
N	 K. SOFFIT PANELS: HARDIESOFFIT HZ10 SOFFIT PANEL, FACTORY SEALED ON 5 SIDES AS MANUFACTURED BY JAMES HARDIE BUILDING PRODUCTS, INC. 1. TYPE: SMOOTH VENTED, PROVIDES 5 SQUARE INCHES OF NET FREE VENTILATION PER LINEAR FOOT, 12 INCHES BY 12 FEET. 2. THICKNESS: 1/4 INCH. 	
	 L. TRIM: HARDIETRIM HZ10 BOARDS AS MANUFACTURED BY JAMES HARDIE BUILDING PRODUCTS, INC. 1. PRODUCT: 5/4 TRIM BOARDS, 3-1/2-INCH WIDTH. TYPICAL AT WINDOW SILL AND HEAD, AND WALL CORNERS. 2. TEXTURE: SMOOTH. 	
М	 LENGTH: 12 FEET. HARDIETRIM HZ10 FASCIA BOARDS AS MANUFACTURED BY JAMES HARDIE BUILDING PRODUCTS, INC. 	
	 M. FASTENERS: WOOD FRAMING FASTENERS: 1. WOOD FRAMING: CORROSION RESISTANT 16 GAGE FINISH NAILS. 	
	N. FACTORY PRIMER: PROVIDE FACTORY APPLIED UNIVERSAL PRIMER.O. TOPCOAT: REFER TO MANUFACTURER RECOMMENDATIONS.	
L	P. DO NOT BEGIN INSTALLATION UNTIL SUBSTRATES HAVE BEEN PROPERLY PREPARED.	L16 TYP. OUTSIDE CORNE
	Q. IF FRAMING PREPARATION IS THE RESPONSIBILITY OF ANOTHER INSTALLER, NOTIFY ARCHITECT AND SIDING MANUFACTURER/SUPPLIER OF UNSATISFACTORY PREPARATION BEFORE PROCEEDING TO DETERMINE RESOLUTION.	1 1/2" = 1'-0"
ĸ	 R. REPAIR ANY PUNCTURES OR TEARS IN THE WATER-RESISTIVE BARRIER PRIOR TO THE INSTALLATION OF THE SIDING. S. PROTECT SIDING FROM OTHER TRADES. 	
	T. CLEAN SURFACES THOROUGHLY PRIOR TO INSTALLATION.	
	U. PREPARE SURFACES USING THE METHODS RECOMMENDED BY THE MANUFACTURER FOR ACHIEVING THE BEST RESULT FOR THE SUBSTRATE UNDER THE PROJECT CONDITIONS.	
J	 V. HARDIEPLANK LAP SIDING: 1. INSTALL MATERIALS IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. 2. STARTING: INSTALL A MINIMUM 1/4-INCH-THICK LATH STARTER STRIP AT THE BOTTOM COURSE OF THE WALL. APPLY PLANKS HORIZONTALLY WITH MINIMUM 1-1/4 INCHES WIDE LAPS AT THE TOP. THE BOTTOM EDGE OF THE FIRST PLANK OVERLAPS THE STARTER STRIP. 	ROOF SHEATING
	 ALLOW MINIMUM VERTICAL CLEARANCE BETWEEN THE EDGE OF SIDING AND ANY OTHER MATERIAL IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALIGN VERTICAL JOINTS OF THE PLANKS OVER FRAMING MEMBERS. 	PREFINISHED METAL DRIP EDGE - PER
н	 LOCATE SPLICES AT LEAST ONE STUD CAVITY AWAY FROM WINDOW AND DOOR OPENINGS. USE OFF-STUD METAL JOINER IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. WIND RESISTANCE: WHERE A SPECIFIED LEVEL OF WIND RESISTANCE IS REQUIRED HARDIEPLANK LAP SIDING IS INSTALLED TO FRAMING MEMBERS AND SECURED WITH FASTENERS DESCRIBED IN TABLE NO. 2 IN NATIONAL EVALUATION SERVICE REPORT NO. NER-405. 	EDGE - PER SPECIFICATIONS
	 8. LOCATE SPLICES AT LEAST 12 INCHES AWAY FROM WINDOW AND DOOR OPENINGS. W. (NOT USED) 	FIBER CEMENT FASCIA
G	 X. HARDIETRIM BOARDS: 1. INSTALL MATERIALS IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALL FLASHING AROUND 	OVER SUB-FASCIA VENTED SOFFIT
	 ALL WALL OPENINGS. FASTEN THROUGH TRIM INTO STRUCTURAL FRAMING OR CODE COMPLYING SHEATHING. FASTENERS MUST PENETRATE MINIMUM 3/4 INCH OR FULL THICKNESS OF SHEATHING. ADDITIONAL FASTENERS MAY BE REQUIRED TO ENSURE ADEQUATE SECURITY. PLACE FASTENERS NO CLOSER THAN 3/4 INCH AND NO FURTHER THAN 2 INCHES FROM SIDE EDGE OF TRIM BOARD AND NO CLOSER THAN 1 INCH FROM END. FASTEN MAXIMUM 16 INCHES ON CENTER. 	
F	 OUTSIDE CORNER BOARD ATTACH TRIM ON BOTH SIDES OF CORNER WITH 1/2 INCH FROM EDGE SPACED 16 INCHES APART, WEATHER CUT EACH END SPACED MINIMUM 12 INCHES APART. ALLOW 1/8-INCH GAP BETWEEN TRIM AND SIDING. 	FIBER CEMENT SOFFI
_	 A. SEAL GAP WITH PAINT-ABLE CAULK. 6. SHIM FRIEZE BOARD AS REQUIRED TO ALIGN WITH CORNER TRIM. 7. FASTEN THROUGH OVERLAPPING BOARDS. DO NOT NAIL BETWEEN LAP JOINTS. 8. OVERLAY SIDING WITH SINGLE BOARD OF OUTSIDE CORNER BOARD THEN ALIGN SECOND CORNER BOARD TO OUTSIDE EDGE OF FIRST CORNER BOARD. DO NOT FASTEN HARDIETRIM BOARDS TO HARDIETRIM BOARDS. 	ΓΙΟ 1 1/2" = 1'-0"
E	 9. SHIM FRIEZE BOARD AS REQUIRED TO ALIGN WITH CORNER TRIM. 10. INSTALL HARDIETRIM FASCIA BOARDS TO RAFTER TAILS OR TO SUB FASCIA. 	SIDING MANUFACTURER
	 Y. FINISHING: 1. FINISH UNPRIMED SIDING WITH A MINIMUM ONE COAT ALKALI RESISTANT PRIMER AND A MINIMUM OF TWO COATS OF EITHER, 100 PERCENT ALKALI RESISTANT 100 ACRYLIC, EXTERIOR GRADE TOPCOATS WITHIN 90 DAYS OF INSTALLATION. DUE TO DESIRED 	RECOMMENDED PREFINISHED 'Z' FLASHIN DO NOT CAULK 1/4" GAP
D	DARKER COLORS THREE TOP COATS MAY BE REQUIRED. FOLLOW PAINT MANUFACTURER'S WRITTEN PRODUCT RECOMMENDATION AND WRITTEN APPLICATION INSTRUCTIONS. 2. FINISH FACTORY PRIMED SIDING WITH A MINIMUM OF ONE COAT OF 100 PERCENT ACRYLIC OR LATEX EXTERIOR GRADE PAINT	BETWEEN THE FLASHING AND SIDING
	WITHIN 180 DAYS OF INSTALLATION. FOLLOW PAINT MANUFACTURER'S WRITTEN PRODUCT RECOMMENDATION AND WRITTEN APPLICATION INSTRUCTIONS. 3. PROTECT INSTALLED PRODUCTS UNTIL COMPLETION OF PROJECT.	
	4. TOUCH-UP, REPAIR OR REPLACE DAMAGED PRODUCTS BEFORE SUBSTANTIAL COMPLETION.	FIXTURE PENETRATION
С		FIBER CEMENT TRIM
_		LEAVE GAP AND CAULK,
в		PER SIDING MANUFACTURER PER WALL TYPE
U		PER WALL TYPE
_		
A		A16 FIBER CEMENT WALL
_	21 20 19 18 17	AIO 1 1/2" = 1'-0" 16 15 14

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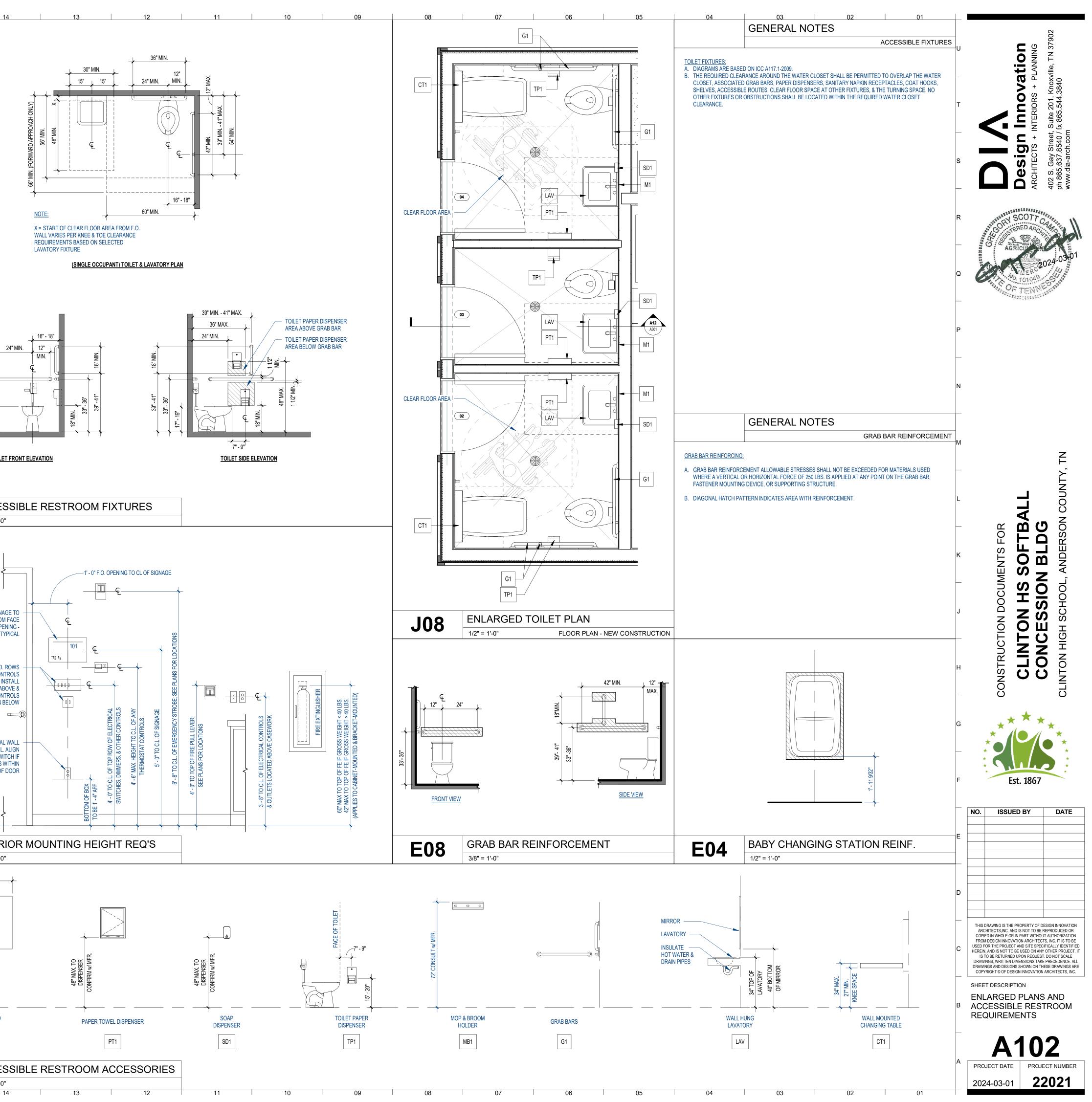


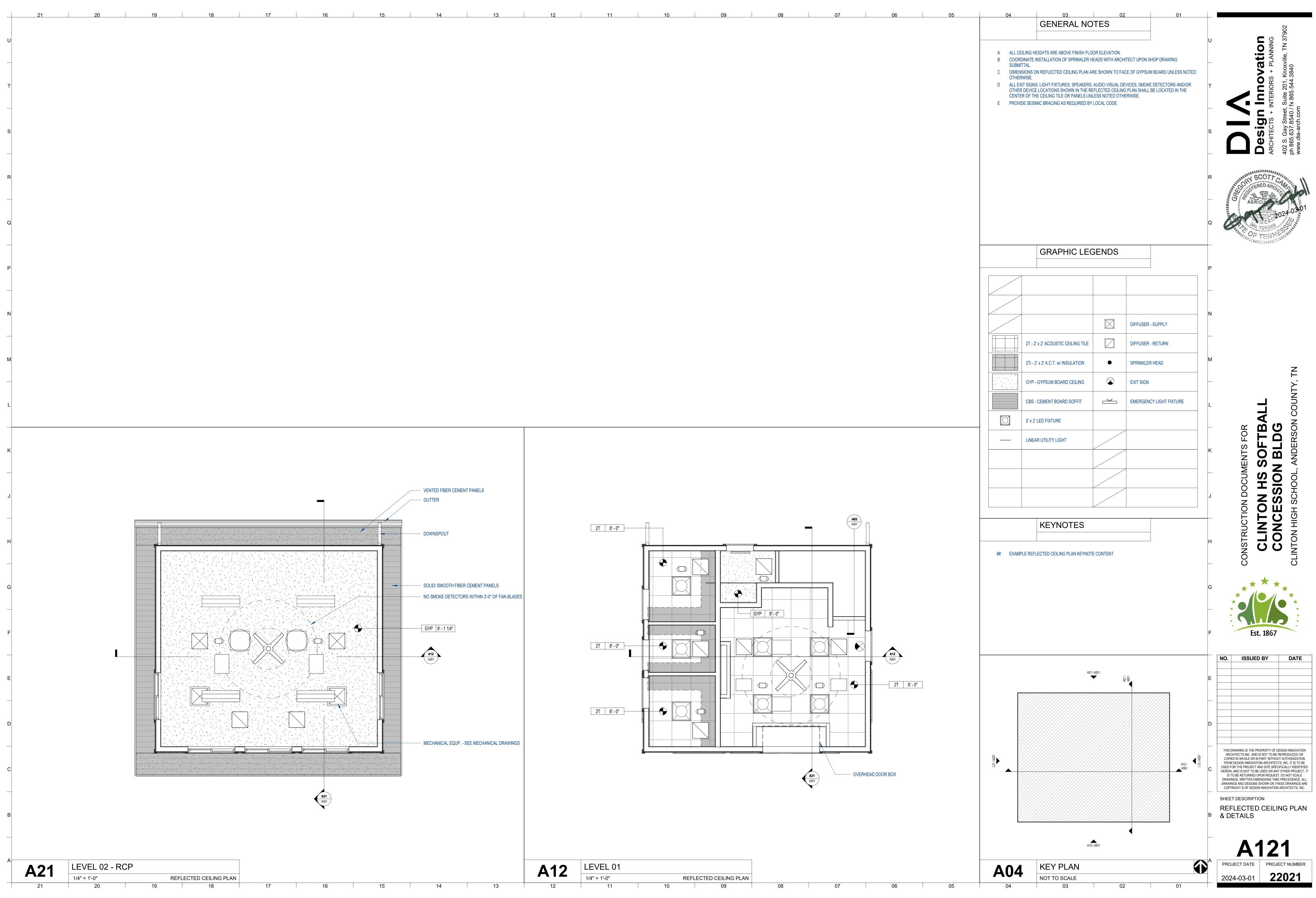


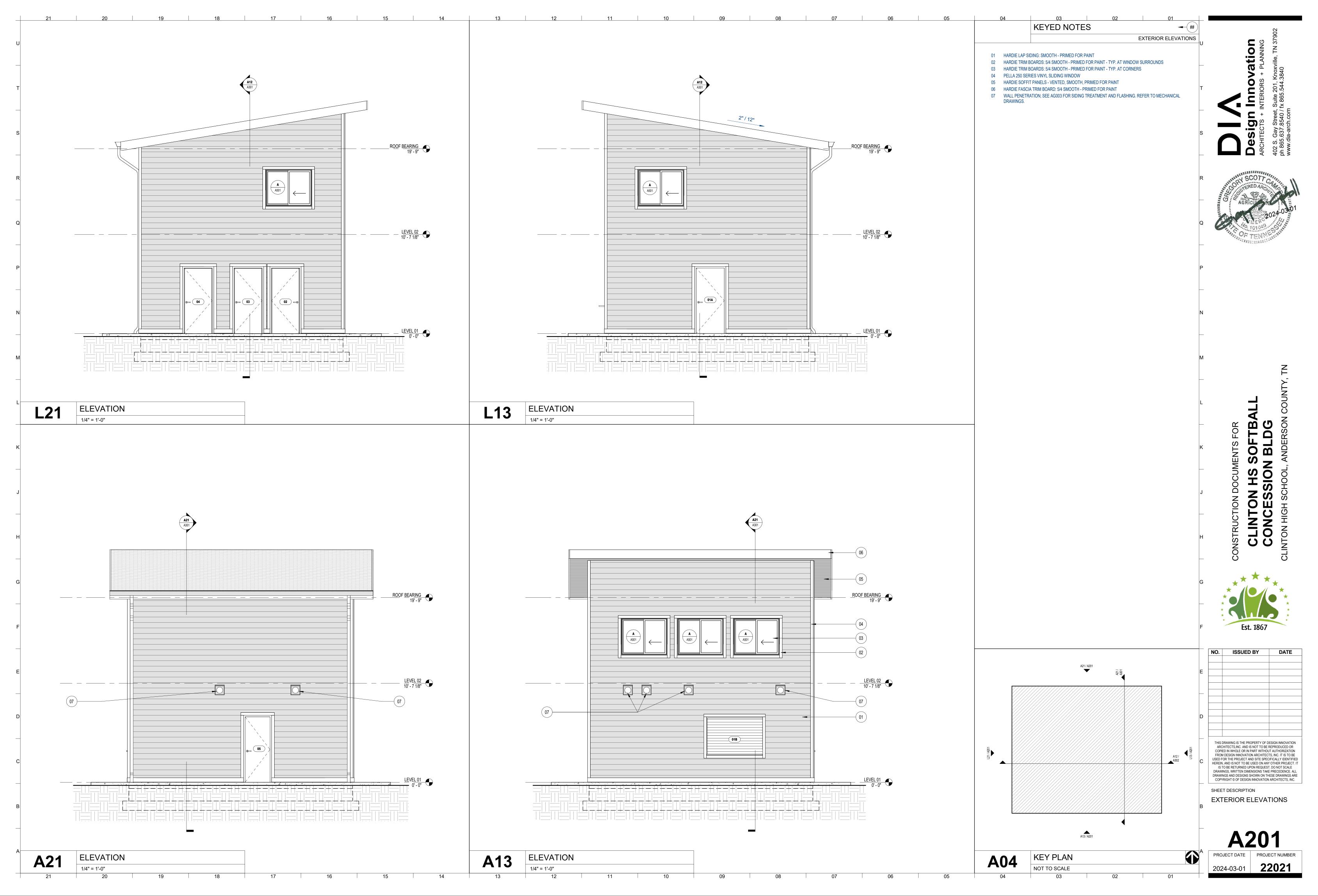
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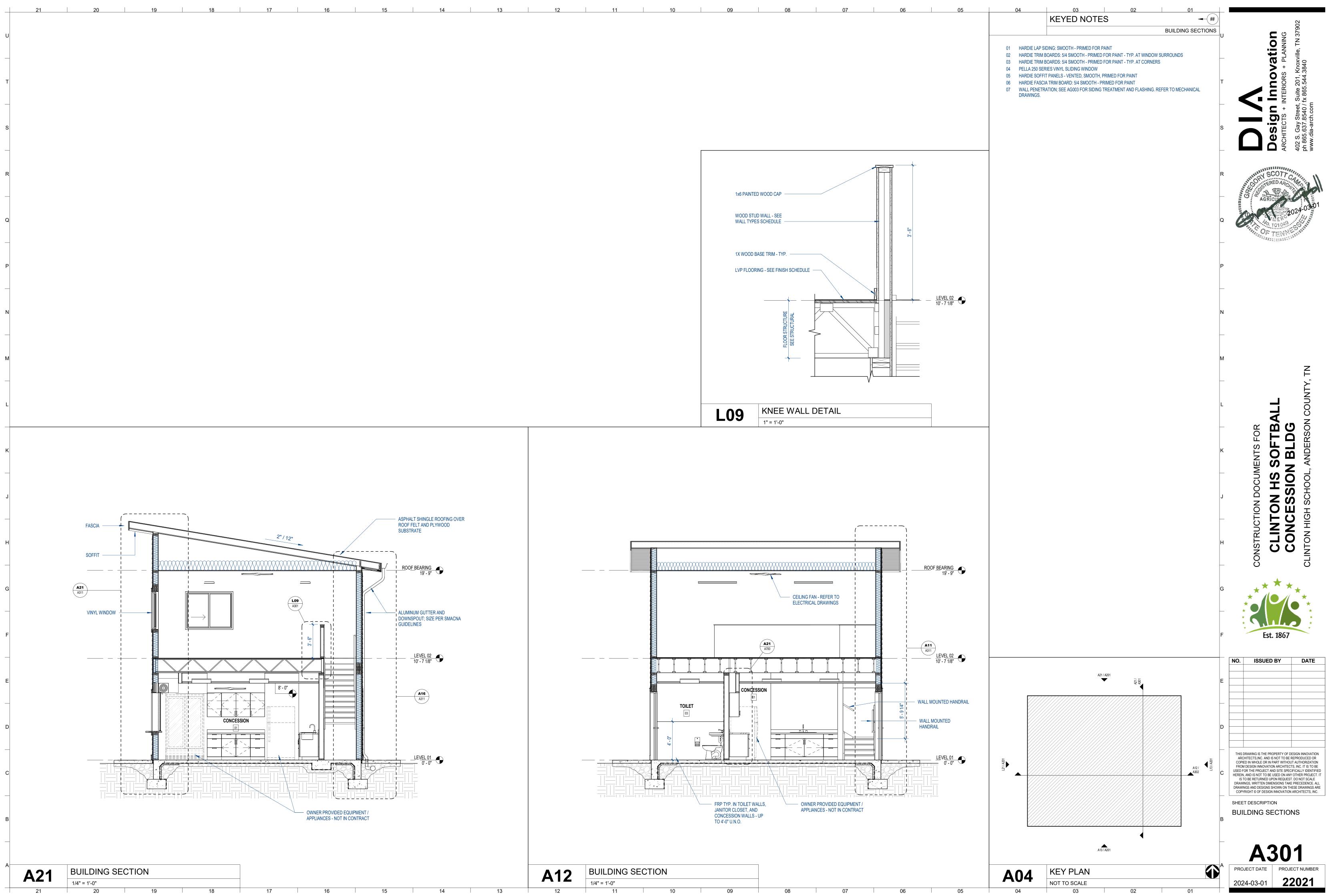
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DO REF.			CONCERNING COMMENCING DIMENSIONS ENCOUNTERI NOTIFY THE A WITH THE WC CONTRACTOI B DIMENSIONS CONCRETE, U C THE ROUGH O CORNER OF A WALLS (AS GI FRAMED WAL INSIDE CORN D THE ROUGH O CENTER OF A UNLESS NOTI E IN SPACES OI OF SPACE SH ABOVE. F ALL WALLS AI FLOOR), UNLI G ALL LOCATIOI STONE, A SOI PROVIDED. H ALL EXPOSED	R SHALL VERIFY ALL CONDITIONS AND DIMENSIONS THE SCOPE OF WORK OF THIS PROJECT PRIOR TO WITH THE ASSOCIATED WORK. IN THE EVENT THE ARE IN QUESTION OR IF ANY DISCREPANCIES ARE ED DURING CONSTUCTION, THE CONTRACTOR SHALL ARCHITECT FOR CLARIFICATION PRIOR TO PROCEEDING ORK. FAILURE TO DO SO CONSTITUTES THE R'S ACCEPTANCE OF THE WORK AS SHOWN. ARE TO FACE OF STUD OR FACE OF MASONRY / JNLESS NOTED OTHERWISE. DPENING OF A NEW DOOR GRAPHICALLY SHOWN IN THE A ROOM UNDIMENSIONED SHALL BE 0" OR 8" IN MASONRY RAPHICALLY INDICATED ON PLANS) OR 6" IN STUD LS (AS GRAPHICALLY INDICATED ON PLANS) FROM THE ER, UNLESS NOTED OR DIMENSIONED OTHERWISE. DPENING OF A NEW DOOR GRAPHICALLY SHOWN IN THE A WALL UNDIMENSIONED SHALL BE ENTERED ON WALL, ED OR DIMENSIONED SHALL BE ENTERED ON WALL, ED OR DIMENSIONED OTHERWISE. PPEN TO EXPOSED STRUCTURE ABOVE, PERIMETER WALLS IALL EXTEND TO UNDERSIDE OF DECK (ROOF OR ESS NOTED OT UNDERSIDE OF DECK (ROOF OR ESS NOTED OT UNDERSIDE OF DECK (ROOF OR ESS NOTED OTHERWISE. NS WHERE BRICK VENEER BUTTS INTO CMU OR CAST FT JOINT WITH BACKER ROD AND SEALANT SHALL BE O STEEL SHALL BE FULLY AND COMPLETELY PAINTED ERFORMANCE & FIRE RESISTIVE COATINGS PRIOR TO N, UNLESS NOTED OTHERWISE. REFER TO STRUCTURAL SPECIFICATIONS.	10.60-7702 R R R R R R R R R R R R R
				INTERIOR WALLS	
			W4-A	2X4 WOOD STUDS AT 16" O.C TYP. WALL TYPE U.O.N. 2X4 WOOD STUDS AT 16" O.C. WITH SOUND ATTENUATION BLANKETS	N
			W6	2X6 WOOD STUDS AT 16" O.C.	
				KEYNOTES	AENTS FOR SOFTBALL V BLDG , ANDERSON COUNTY, TN
			01 DOWNSPOUT 02 SERVICE SINF 03 OVERHEAD C 04 OWNER PROV 04 REFERENCE	, TIE INTO BELOW GRADE COLLECTOR; REFER TO CIVIL , TIE INTO BELOW GRADE COLLECTOR; REFER TO CIVIL K; REFER PLUMBING DRAWINGS OILING COUNTER DOOR /IDED EQUIPMENT / APPLIANCES SHOWN FOR ONLY; NOT IN CONTRACT. PROVIDE POWER. /IDED EQUIPMENT / APPLIANCES SHOWN FOR ONLY; NOT IN CONTRACT. PROVIDE POWER.	CONSTRUCTION DOCUMENTS FOR CONSTRUCTION DOCUMENTS FOR CLINTON HS SOFTB CONCESSION BLDG CLINTON HIGH SCHOOL, ANDERSO
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					D THIS DRAWING IS THE PROPERTY OF DESIGN INNOVATION ARCHITECTS,INC. AND IS NOT TO BE REPRODUCED OR
					C ARCHITECTS,INC. AND IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART WITHOUT AUTHORIZATION FROM DESIGN INNOVATION ARCHITECTS, INC. IT IS TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN, AND IS NOT TO BE USED ON ANY OTHER PROJECT. IT IS TO BE RETURNED UPON REQUEST. DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS TAKE PRECEDENCE. ALL DRAWINGS, WRITTEN DIMENSIONS TAKE PRECEDENCE. ALL DRAWINGS AND DESIGN SHOWN ON THESE DRAWINGS ARE COPYRIGHT © OF DESIGN INNOVATION ARCHITECTS, INC. SHEET DESCRIPTION FLOOR PLANS
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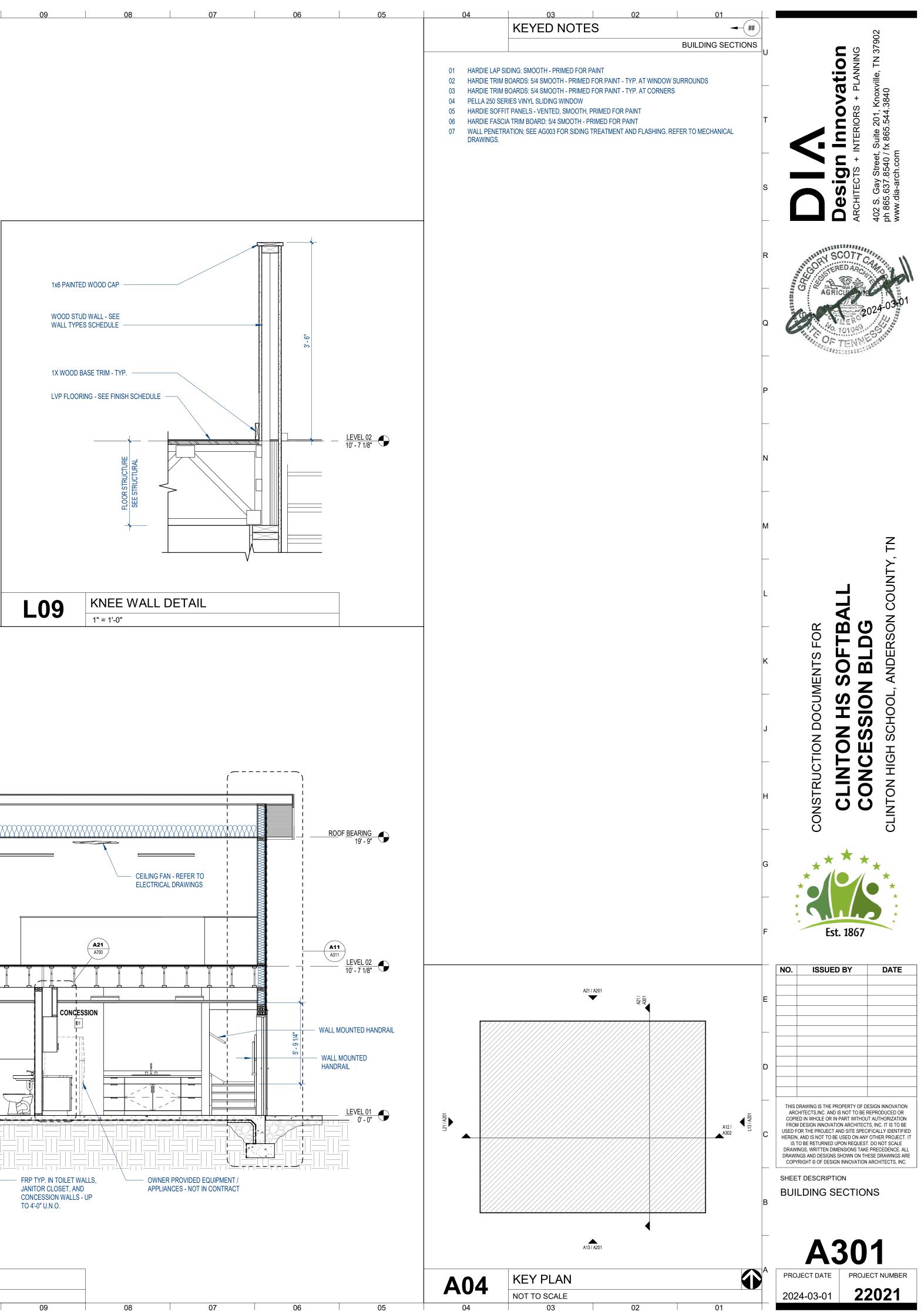
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		RESTROOM	I ACCESSORIES						
L	M1							145	ACCES
		-STEEL ANGLE, 0.05 INCH T					_	L15	3/8" = 1'-0"
	2. HANGERS: PRODUC	NUFACTURER'S STANDARE CE RIGID, TAMPER-AND THE	FT-RESISTANT INSTALLATION, US		ATED BELOW.				1
	WITH NO EXPO	SED SCREWS OR BOLTS.	ANGER DEVICE WITH SPRING-ACT						
ĸ	D. WALL BRACKE	T OF GALVANIZED STEEL, E	QUIPPED WITH CONCEALED LOCK	KING DEVICES REQU	UIRING A SPE	CIAL TOOL TO REMOVE.			
	PT1							1	
	1. MOUNTING: SURFAC						_		
	3. MATERIAL AND FINIS	: 400 C-FOLD OR 525 MULTIF SH: STAINLESS STEEL, NO. 4						_	
J	4. LOCKSET: TUMBLER	R TYPE.						THE	C.L. SIGNA BE 12" FROM
	SD1						7	MORE F.F.	OF OPEI TY
-	1. DESCRIPTION: AU		INFRARED SENSOR TO DETECT P	RESENCE OF HAND	S; BATTERY P	OWERED;	_	JECTS ED SO "- 8" A	
	2. MOUNTING: WALL	SPENSING LIQUID SOAP. MOUNTED NEAR LAVATORY						H PRO. 5TALLE MIN. 6	
н		DICATOR: LED INDICATOR. NISH: STAINLESS STEEL, NO	.4 FINISH (SATIN)					WHICI BE INS	PROVIDE ADD. F
								MUST	AS REQ'D.; IN SWITCHES AB
_	TP1							EQUIF FACE T IS IN	OTHER CONT C.L. ALIGN B
	2. MOUNTING: SURF							L SUF	0.2.7 21011 21
G		NED FOR 5-INCH- (127-MM-) NSH: STAINLESS STEEL, NO						T SIGN, OR OTHER EQUIPMENT WHICH PROJECTS MO INISHED WALL SURFACE MUST BE INSTALLED SO THA OF THE EQUIPMENT IS INSTALLED AT MIN. 6' - 8" A.F.F.	
								T SIGN INISHE	ELECTRICAL
	MB1 1. DESCRIPTION: UNI	T WITH SHELF, HOOKS, HOL	DERS				-	EDGE	OUTLETS C.L. / WITH SWIT
	 LENGTH: 36 INCHE MOP/BROOM HOLE 	S (914MM)						L SCONCE, EXI AY FROM THE FI LOWEST EDGE	OUTLET IS W 2' - 0" OF I
F		IISH: STAINLESS STEEL, NO	. 4 FINISH (SATIN)					ANY WALL SCONCE, EXIT SIGN, OR OTHER EQUIPMENT WHICH PROJECTS MORE THAN 4" AWAY FROM THE FINISHED WALL SURFACE MUST BE INSTALLED SO THAT THE LOWEST EDGE OF THE EQUIPMENT IS INSTALLED AT MIN. 6' - 8" A.F.F.	
	G1							ANY 4"	I
		GES WITH CONCEALED FAS	TENERS.				1		ļ
	2. MATERIAL: STAINL	ESS STEEL, 0.05 INCH (1.3M OTH, NO. 4 FINISH (SATIN).							
E	3. OUTSIDE DIAMETE	R: 1-1/2 INCHES (38MM) ND LENGTH: AS INDICATED							INTER
	4. 00111001411017							E15	3/4" = 1'-0"
_	CT1								
			BABY CHANGING STATION 32" DEEP WHEN IN OPEN POSITIO	N					, 30" MIN.
D		ISH: STAINLESS STEEL, 304						↓	
]	61.	
-	ACCEPTALE MANUF							36" MIN. HGT.	
	1. A & J WASHROOM WWW.AJASHROOM.							36	
С	2. AMERICAN SPECI/								
	WWW.AMERICANSP								
	3. BRADLEY CORPOR WWW.BRADLEYCOR							40" MAX.	
	4. BOBRICK;							4	
в	WWW.BOBRICK.COM	Л						│ ↓	
	SUBSTITUTIONS WIL REQUESTED.	L BE CONSIDERED AS							FRAMED MIRROR
\neg									M1
	KEYS								
Α	PROVIDE UNIVERSAL ACCESS TO ACCESSC	RIES FOR SERVICING							ACCES
	AND RESUPPLYING. P KEYS TO OWNER'S RE	ROVIDE MINIMUM OF SIX PRESENTATIVE.						A15	3/8" = 1'-0"
	21	20	19	18		17	16	15	3/8" = 1-0"

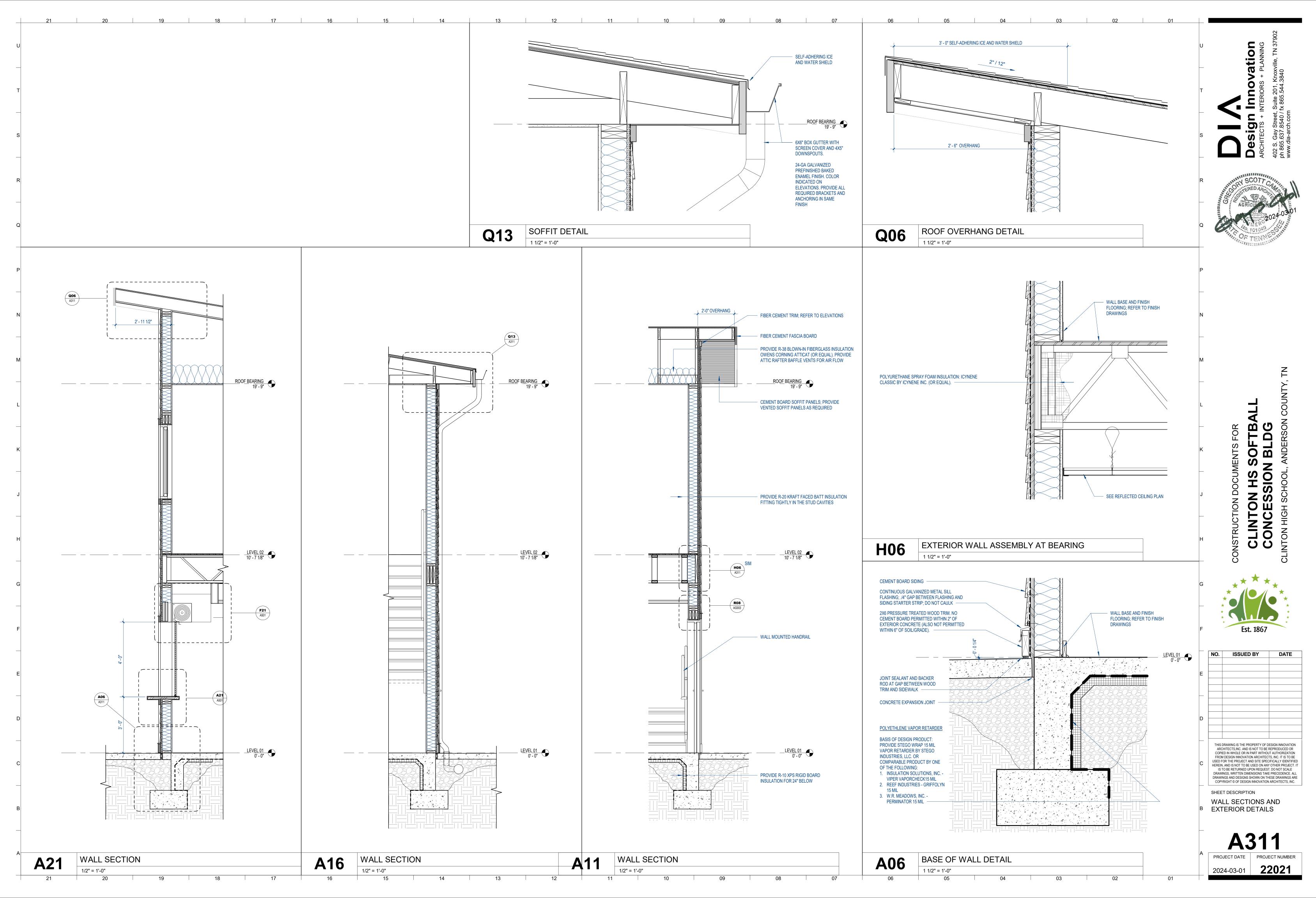


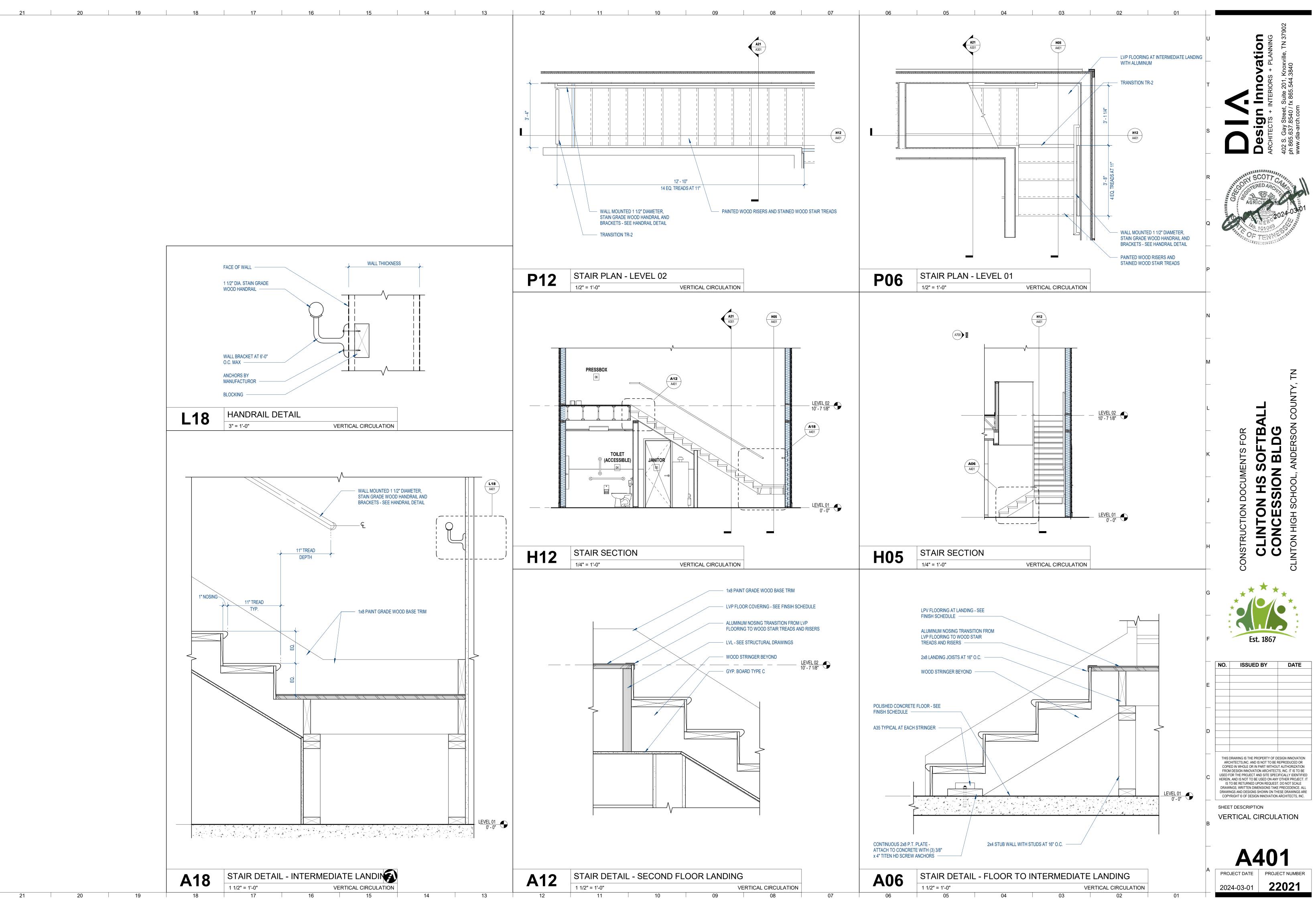


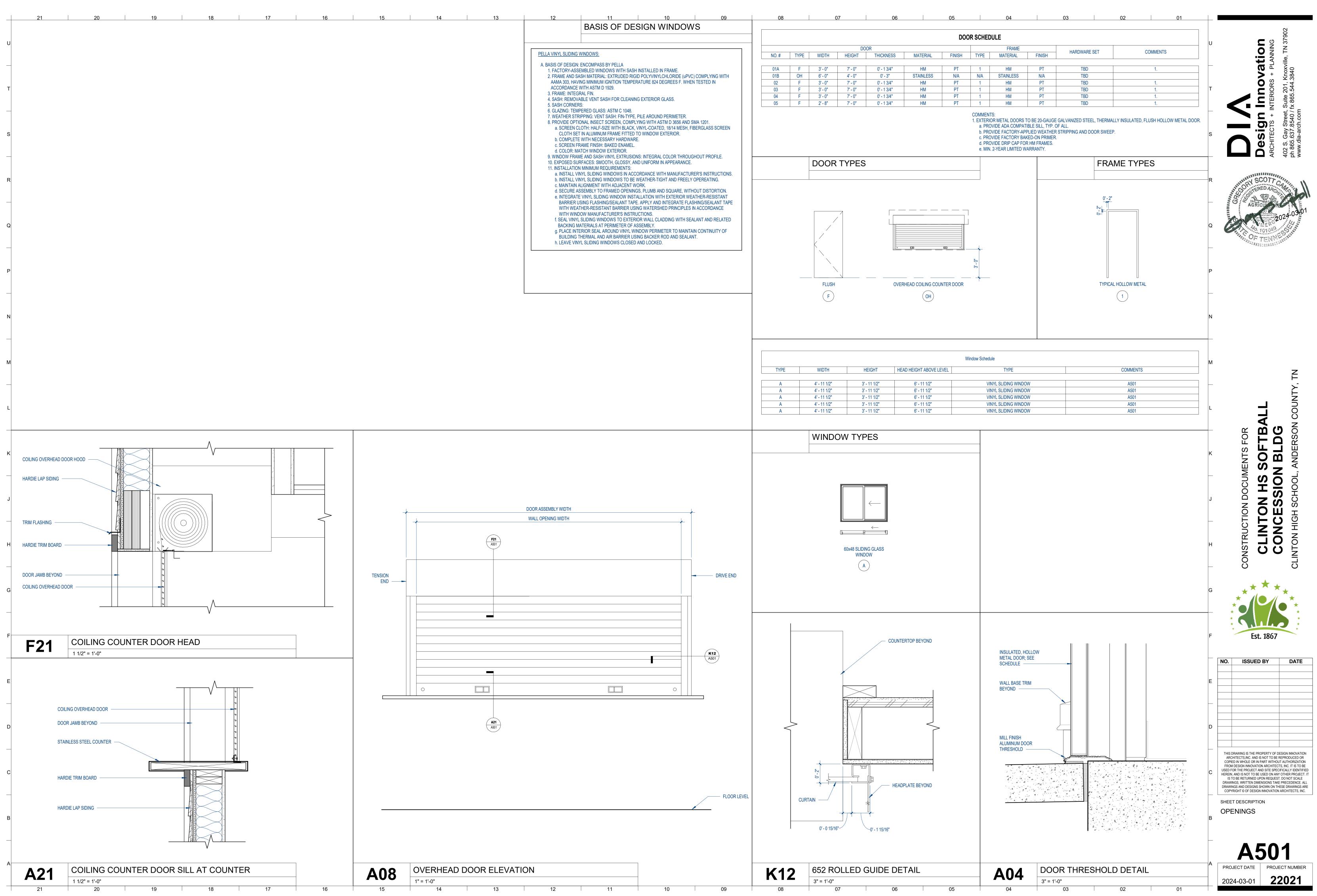


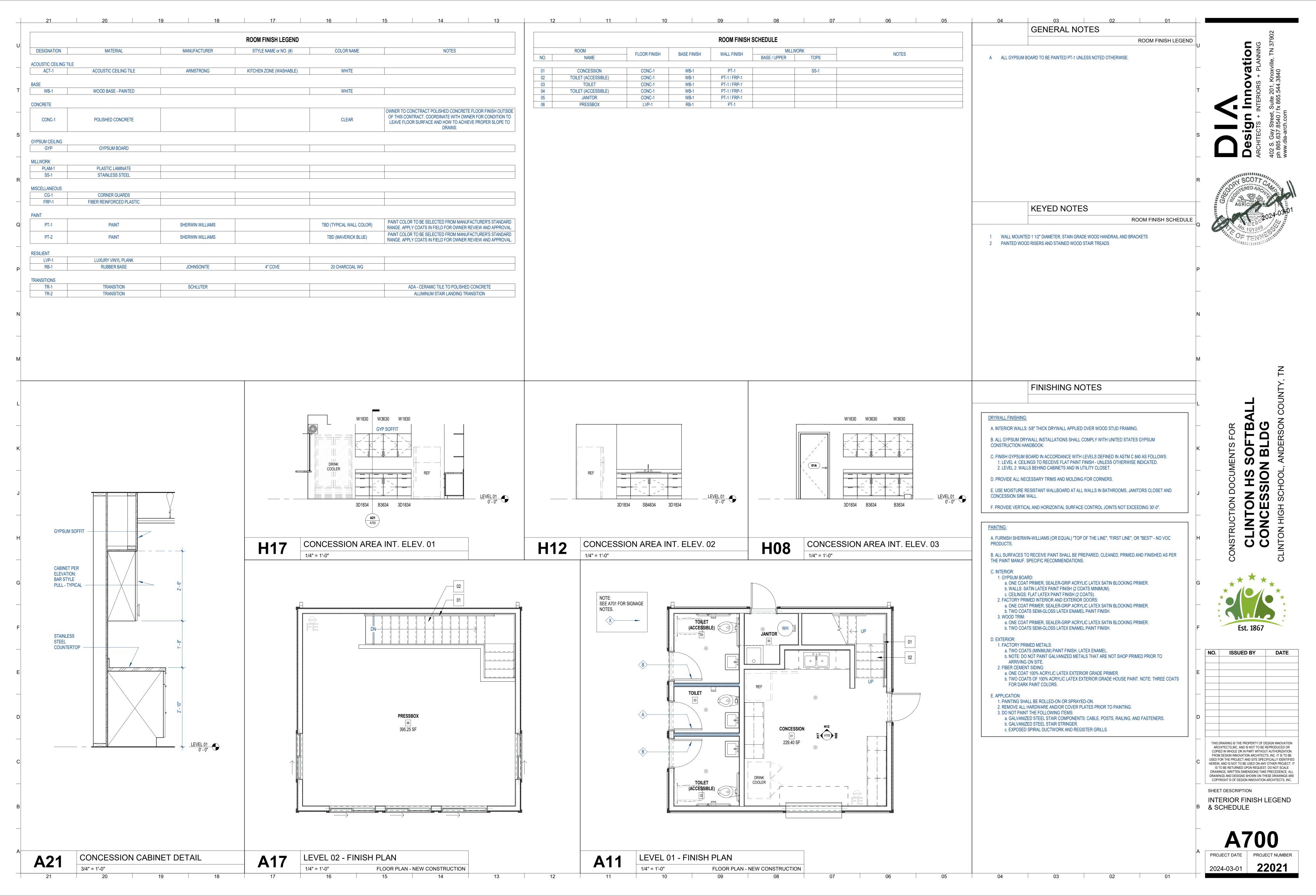


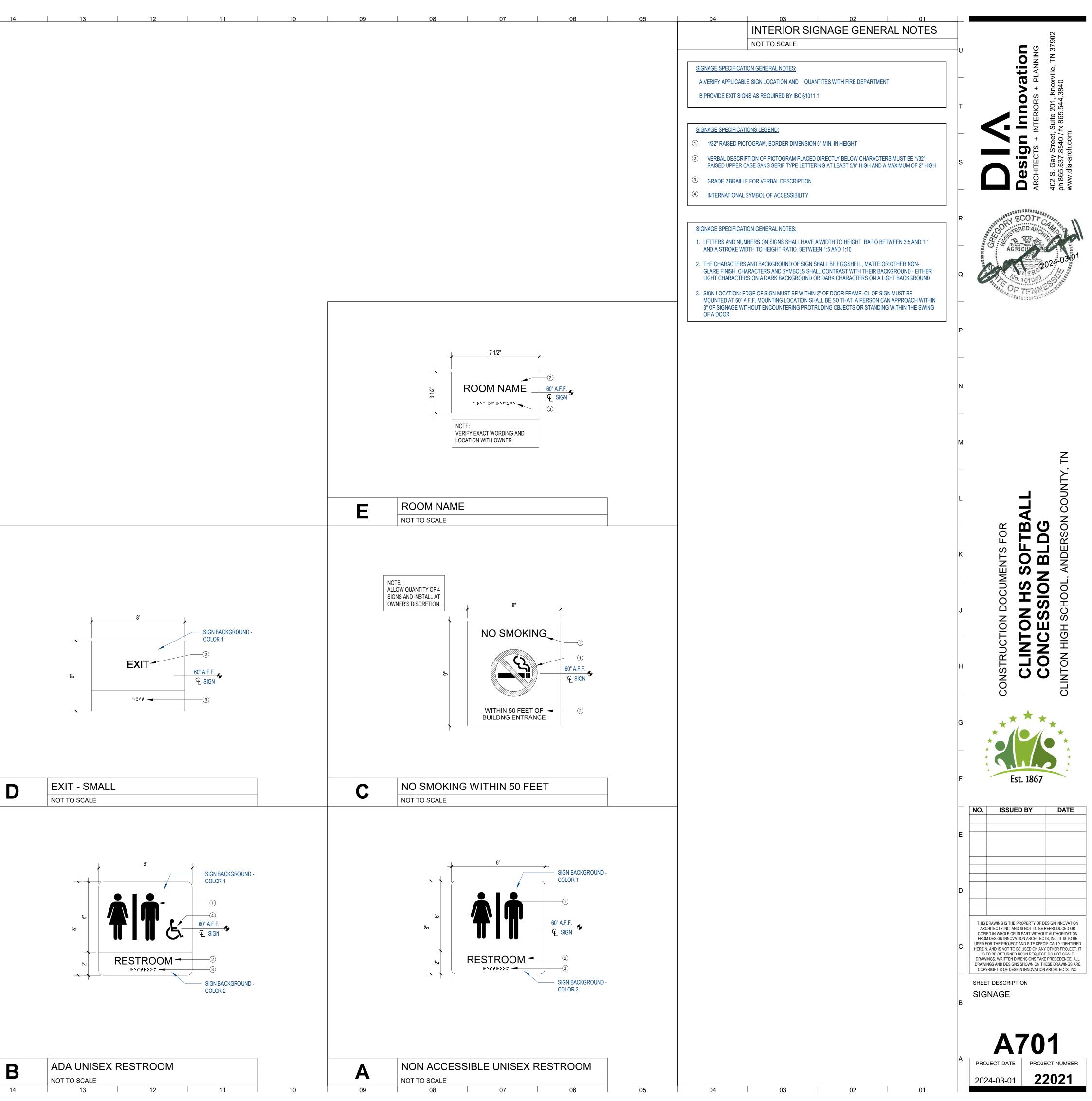






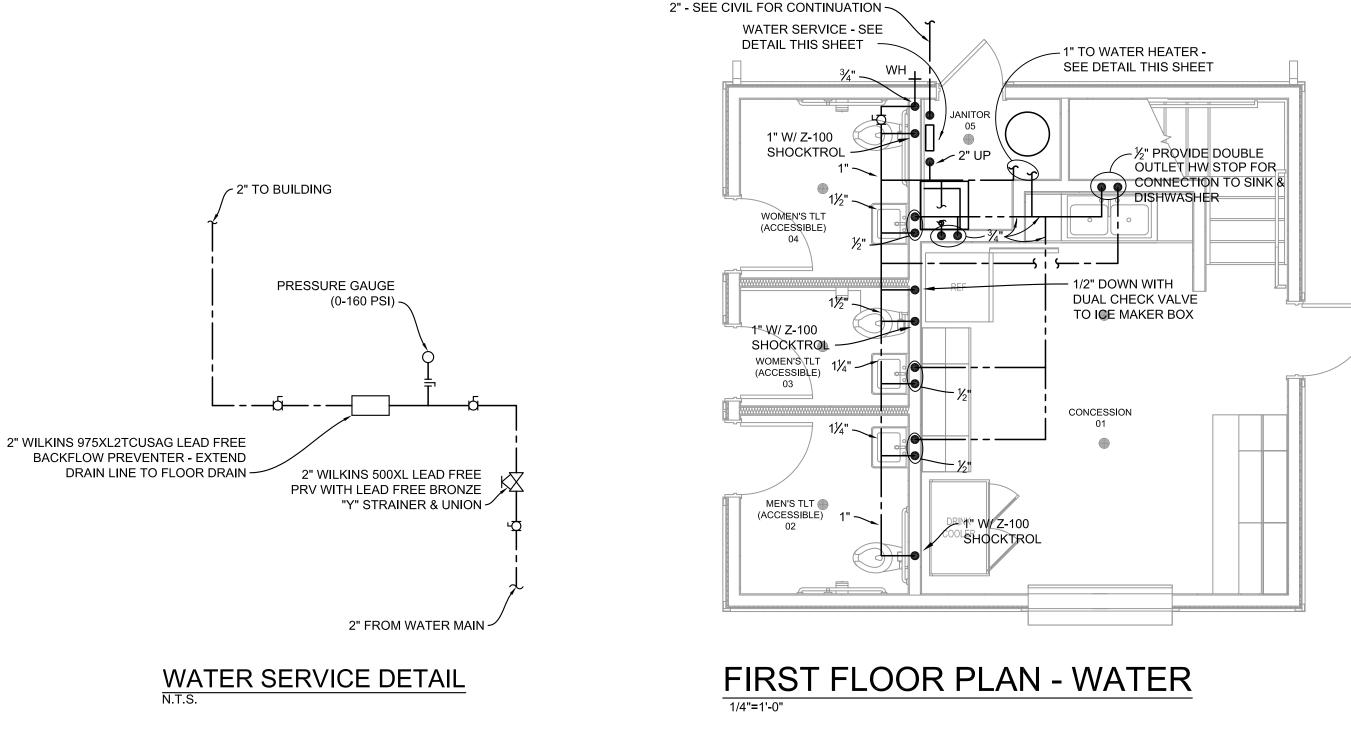






PLUMBING FIXTURE SCHEDULE

ITEM	DESCRIPTION	SPECIFICATION
W1	WATER CLOSET (ADA)	ZURN, Z5665-BWL1 1.6,1.28 OR 1.1GPF ADA SIPHON JET FLUSH ACTION FLOOR MOUNTED ADA HEIGHT WATER CLOSET WITH 2-1/8" FULLY GLAZED TRAPWAY
	FLUSH VALVE	ZURN, Z6000AV-WS1 AQUAVANTAGE MANUAL OPERATED FLUSH VALVE 1.6 GPF CLOG RESISTANT TRIPLE FILTERED BY- PASS, DUAL SEAL AND CHLORAMINE RESISTANT INTERNAL PARTS.
	SEAT	ZURN, Z5955SS-EL-STS ELONGATED WHITE OPEN FRONT TOILET SEAT LESS COVER WITH SELF SUSTAINING STAINLESS STEEL CHECK HINGE
W2	WATER CLOSET	ZURN, Z5655-BWL1 1.6, 1.28 OR 1.1GPF SIPHON JET FLUSH ACTION FLOOR MOUNTED STANDARD HEIGHT WATER CLOSET WITH 2-1/8" FULLY GLAZED TRAPWAY
	FLUSH VALVE	ZURN, Z6000AV-WS1 AQUAVANTAGE MANUAL OPERATED FLUSH VALVE 1.6 GPF CLOG RESISTANT TRIPLE FILTERED BY- PASS, DUAL SEAL AND CHLORAMINE RESISTANT INTERNAL PARTS.
	SEAT	ZURN, Z5955SS-EL-STS ELONGATED WHITE OPEN FRONT TOILET SEAT LESS COVER WITH SELF SUSTAINING STAINLESS STEEL CHECK HINGE
L	LAVATORY (ADA)	ZURN, Z5344 20"X18" WALL HUNG 4"CC VITREOUS CHINA CONCEALED ARM LAVATORY
	FAUCET	ZURN, Z7440-XL-FC SIERRA SINGLE HANDLE 4CC LAVATORY FAUCET WITH .5GPM AERATOR AND CERAMIC DISC CARTRIDGE
	DRAIN	Zurn, Z8746-PC 1-1/4" CHROME PLATED CAST BRASS 17GA OFFSET GRID DRAIN
	SUPPLIES	ZURN, Z8804-XL-8860-20-LRQ-PC 1/2" X 3/8" COMP X COMP LAVATORY SUPPLY KIT WITH ESCUTCHEONS, 1/4 TURN CHROME PLATED STOPS AND 20 INCH BRAIDED STAINLESS STEEL SUPPLY LINES
	P-TRAP	ZURN, Z8700-PC 1-1/4" CAST BRASS 17GA P-TRAP WITH CLEANOUT
	THERMOSTATIC MIXING	SYMMONS, 8-210-CK MAXLINE 3/8" THERMOSTATIC ASSE 1017/1070 MIXING VALVE
	VALVE TRAP WRAP	ZURN, Z8946-3-NT COMBINATION TRAP WRAP KIT WITH ONE OFFSET TRAP AND TWO SUPPLY PROTECTION WRAPS
	CARRIER	PROVIDE WITH APPROPRIATE APPROVED ZURN CARRIER
S	SINK (ADA)	ELKAY, LRAD331965 LUSTERTONE 2 BOWL 18GA STAINLESS STEEL 33" X 19-1/2" X 6-1/2" DROP IN SINK
	FAUCET	SYMMONS, S-23-2 ORIGINS 8"CC FAUCET WITH INTEGRAL 8-3/4" CAST SWING SPOUT, 1.5GPM AERATOR, CERAMIC DISK CARTRIDGE, METAL SINGLE LEVER HANDLE AND MATCHING SIDE SPRAY
	DRAIN	ZURN, Z8741-PC HEAVY DUTY BASKET STRAINER WITH CAST BRASS LOCK AND COUPLING NUT
	GARBAGE DISPOSAL	1/2 HP INSINKERATOR GARBAGE DISPOSAL
	P-TRAP	ZURN, Z8702-PC 1-1/2" CAST BRASS 17 GAUGE P-TRAP WITH CLEANOUT
	SUPPLIES	ZURN, Z8804-XL-8860-20-LRQ-PC 1/2" X 3/8" COMP X COMP LAVATORY SUPPLY KIT WITH ESCUTCHEONS, 1/4 TURN
		CHROME PLATED STOPS AND 20 INCH BRAIDED STAINLESS STEEL SUPPLY LINES
	CONTINUOUS WASTE	ZURN, Z8751 1-1/2" 20 GAUGE CONTINUOUS WASTE END OUTLET WITH CAST BRASS TEE
SS	SINK	ZURN, Z1996-24-BV-24-HH-MH-WG 24" X 24" MOLDED COMPOSITE FLOOR SERVICE SINK WITH STAINLESS STEEL STRAINER, WALL GUARDS, AND VINYL BUMPER GUARD
	FAUCET	ZURN, Z841M1-RC SERVICE SINK FAUCET WITH 6" VACUUM BREAKER SPOUT, LEVER HANDLES, PAIL HOOK AND WALL BRACE
WH	WALL HYDRANT	ZURN, Z1321 FREEZE PROOF, LOOSE KEY STYLE EXPOSED HOSE BIBB WITH INTEGRAL VACUUM BREAKER
FD	FLOOR DRAIN	ZURN, ZN415-5BZ1 FLOOR OR SHOWER DRAIN, DURA-COATED CAST IRON BODY, 5" ROUND POLISHED NICKEL BRONZE STRAINER, PROTECTIVE STRAINER COVER TO PROTECT DURING CONCRETE POUR, POST POUR HEIGHT ADJUSTMENT AND LEVELING SHIMS TO CORRECT TILT
	TRAP SEAL	ZURN, Z1072 ZSHIELD BARRIER TRAP SEAL DEVICE
FCO	FLOOR CLEANOUT	ZURN, ZN1400-BZ1 DURA-COAT CAST IRON ADJUSTABLE CLEANOUT, NICKEL BRONZE TOP, PROTECTIVE STRAINER COVER TO PROTECT DURING CONCRETE POUR, POST POUR HEIGHT ADJUSTMENT AND LEVELING SHIMS TO CORRECT TILT
GCO	GROUND CLEANOUT	ZURN, Z1400-BZ1 DURA-COAT CAST IRON ADJUSTABLE CLEANOUT, CAST IRON TOP, PROTECTIVE STRAINER COVER TO PROTECT DURING CONCRETE POUR, POST POUR HEIGHT ADJUSTMENT AND LEVELING SHIMS TO CORRECT TILT



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PLUMBING SPECIFICATIONS

- 1. FURNISH ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO INSTALL A COMPLETE PLUMBING SYSTEM AS INDICATED AND SPECIFIED ON THE DRAWINGS.
- 2. WORK SHALL COMPLY WITH THE INTERNATIONAL PLUMBING CODE AND ALL APPLICABLE LAWS, ORDINANCES & CODES OF THE STATE OF TENNESSEE, LOCAL AUTHORITIES HAVING JURISDICTION AND WITH APPLICABLE RULES & REGULATIONS.
- 3. OBTAIN ALL PERMITS & INSPECTIONS REQUIRED FOR THE COMPLETION OF THE WORK & PAY ALL FEES & COSTS IN CONNECTION THEREWITH. 4. THE PLUMBING DRAWINGS ARE GENERALLY DIAGRAMMATIC AND UNLESS SPECIFICALLY DIMENSIONED, THE LOCATIONS OF FIXTURES AND
- EQUIPMENT AND THE ROUTING OF PIPING IS APPROXIMATE ONLY AND SHALL NOT BE SCALED FROM THE PLUMBING DRAWINGS.
- 5. INSTALL ALL EQUIPMENT AND FIXTURES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- 6. THE BUILDING IS ASSIGNED TO SEISMIC DESIGN CATEGORY C. RISK CATEGORY II. THEREFORE, THE PLUMBING COMPONENTS ARE EXEMPTED FROM SEISMIC REVIEW. VERIFY WITH THE ARCHITECT.
- 7. INTERIOR SOIL, WASTE, AND VENT PIPING SHALL BE SCHEDULE 40 PVC SOLID WALL-DWV ASSEMBLED WITH SOLVENT WELD JOINTS.
- 8. THE TOP OF ANY BELOW SLAB PIPING SHALL BE NO LESS THAN 2" FROM THE BOTTOM OF THE SLAB.
- 9. INSTALL CLEANOUTS IN ACCESSIBLE LOCATIONS AT BASE OF ALL SOIL AND WASTE STACKS AND ELSEWHERE AS INDICATED ON THE DRAWINGS.
- 10. THE UNDERGROUND DOMESTIC WATER SERVICE PIPE TO THE BUILDING SHALL BE SOFT DRAWN COPPER, TYPE "K", ASSEMBLED WITH WROUGHT COPPER SOLDER FITTINGS.
- 11. ABOVE GRADE DOMESTIC WATER PIPING SHALL BE HARD DRAWN COPPER, TYPE "L" PIPING ASSEMBLED WITH WROUGHT COPPER SOLDER FITTINGS. CONNECTIONS OF COPPER PIPE TO FERROUS PIPE SHALL BE MADE WITH DIELECTRIC UNIONS OR COUPLINGS.
- 12. BELOW GRADE DOMESTIC WATER PIPING LOCATED INSIDE THE BUILDING SHALL BE SOFT DRAWN COPPER, TYPE "K", ASSEMBLED WITH WROUGHT COPPER SOLDER FITTINGS. THERE SHALL BE NO FITTINGS BELOW GRADE.
- 13. DOMESTIC WATER PIPING MAY BE CROSSLINKED POLYETHYLENE PEXA AS MANUFACTURED BY REHAU. FITTINGS SHALL BE AS RECOMMENDED BY THE PEX MANUFACTURER. PIPE SIZES ARE BASED UPON COPPER, INCREASE SIZES AS RECOMMENDED BY THE MANUFACTURER. ALL STUB OUTS SHALL BE PEX TO COPPER WITH WALL MOUNTING PLATE OR BRACKET.
- 14. ALL COLD WATER, HOT WATER AND HOT WATER RECIRCULATING LINES SHALL BE INSULATED WITH ARMAFLEX, OR EQUAL, WITH A FLAME SPREAD AND SMOKE DEVELOPED RATING NOT EXCEEDING 25 AND 50 RESPECTIVELY
 - $\frac{1}{2}$ " TO 1 $\frac{1}{4}$ " PIPE $\frac{1}{2}$ " THICK INSULATION 1½" TO 8" PIPE - 1" THICK INSULATION HOT WATER & HOT WATER RECIRCULATING $\frac{1}{2}$ " TO 1 $\frac{1}{4}$ " PIPE - 1" THICK INSULATION
 - 1" TO 8" PIPE 1½" THICK INSULATION

WOMEN'S TLT

(ACCESSIBLE) W1

\3"FD

3"FD

WOMEN'S TLT (ACCESSIBLE)

03

MEN'S TLT

(ACCESSIBLE)

2"V UP

- 15. ALL COLD WATER PIPING IN OUTSIDE WALLS OR WALLS ADJACENT TO AN UNHEATED SPACE SHALL BE INSULATED AS SPECIFIED WITH A MINIMUM OF 1" THICKNESS.
- 16. DUAL CHECK VALVES SHALL BE ZURN 700XL.
- 17. WATER HAMMER ARRESTERS SHALL BE PROVIDED WHERE CALLED FOR ON THE DRAWINGS AND BE ZURN SERIES Z-1700 SHOKTROL, OR EQUAL WITH NESTING TYPE BELLOWS. THE CASING AND BELLOWS SHALL BE CONSTRUCTED OF TYPE 304 STAINLESS STEEL. SHOKTROL TO BE THE SIZE INDICATED ON THE DRAWINGS WITH THREADED CONNECTIONS - NOT SWEAT. WHERE POSSIBLE, SHOKTROLS SHALL BE LOCATED ABOVE LAY-IN CEILING. IF LOCATING THE SHOKTROL ABOVE A LAY-IN CEILING IS NOT POSSIBLE, AN ACCESS PANEL SHALL BE PROVIDED FOR ACCESS IN THE WALL
- 18. ALL EMERGENCY FLOOR DRAINS AND HUB DRAINS SHALL BE PROVIDED WITH A TRAP PRIMER OR PROSET TRAP GUARD. VERIFY WITH AHJ.
- 19. FIRE STOPPING SYSTEM SHALL BE PROVIDED AND INSTALLED THROUGH ALL FIRE RATED WALLS, CEILINGS, FLOORS, PARTITIONS OR CONSTRUCTION.
- 20. FURNISH AND INSTALL ALL ROUGHING-IN CONNECTIONS FOR ALL EQUIPMENT FURNISHED BY OTHERS REQUIRING WATER, DRAINS, ETC. THE EQUIPMENT MANUFACTURER SHALL FURNISH TO THE CONTRACTOR, SHOP DRAWINGS SHOWING SIZE AND LOCATION OF SERVICE REQUIRED. ROUGHING-IN SHALL BE IN ACCORDANCE WITH THESE DRAWINGS.
- 21. LAVATORY AND SINK STRAINERS AND TAILPIECES SHALL BE OFFSET MEETING ADA REQUIREMENTS WHERE REQUIRED TO ACCOMMODATE CASEWORK. REFER TO ARCHITECTURAL DRAWINGS FOR CASEWORK DETAILS.
- 22. SUBMIT TO THE ARCHITECT FOR APPROVAL, 10 DAYS AFTER RECEIPT OF NOTICE TO PROCEED WITH THE WORK, A COMPLETE LIST OF MATERIALS, EQUIPMENT AND ACCESSORIES PROPOSED FOR USE, INCLUDING COMPLETE DESCRIPTIONS AND SPECIFICATIONS OF ANY PROPOSED SUBSTITUTIONS, MANUFACTURER'S SHOP DRAWINGS, ROUGHING-IN DRAWINGS, AND ANY OTHER INFORMATION REQUIRED FOR THE PROPER INSTALLATION OF THE WORK. SUBMITTALS SHALL BE IN PDF FORMAT (NO PAPER COPIES).
- 23. AFTER THE WATER SYSTEM HAS BEEN TESTED FOR LEAKS AND BEFORE THE SYSTEM HAS BEEN PLACED IN USE, INTRODUCE HTH SOLUTION, CHLORINE GAS, OR OTHER SIMILAR CHLORINATING AGENT IN SUFFICIENT QUANTITY TO PRODUCE A RESIDUAL OF 100 PPM THROUGHOUT THE ENTIRE SYSTEM AND ALLOW TO STAND THUS FILLED FOR 24 HOURS. AFTER THE 24 HOURS PERIOD, FLUSH CLEAN WATER THROUGHOUT THE PIPING SYSTEM UNTIL ALL NOTICEABLE TRACE OF CHLORINE GAS HAS DISAPPEARED. VERIFY PROCEDURES AND TESTING REQUIREMENTS WITH THE PUBLIC HEALTH AGENCY HAVING JURISDICTION.
- 24. THE WORK SHALL BE GUARANTEED AGAINST ALL DEFECTIVE MATERIALS & WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE. THE CONTRACTOR SHALL MAKE ALL NECESSARY CORRECTIONS WITHOUT COST TO THE OWNER.

JANITOF

CONCESSION

3"FD

-08

DISHWASHER TEE

3"FD

- 4" - SEE CIVIL FOR CONTINUATION

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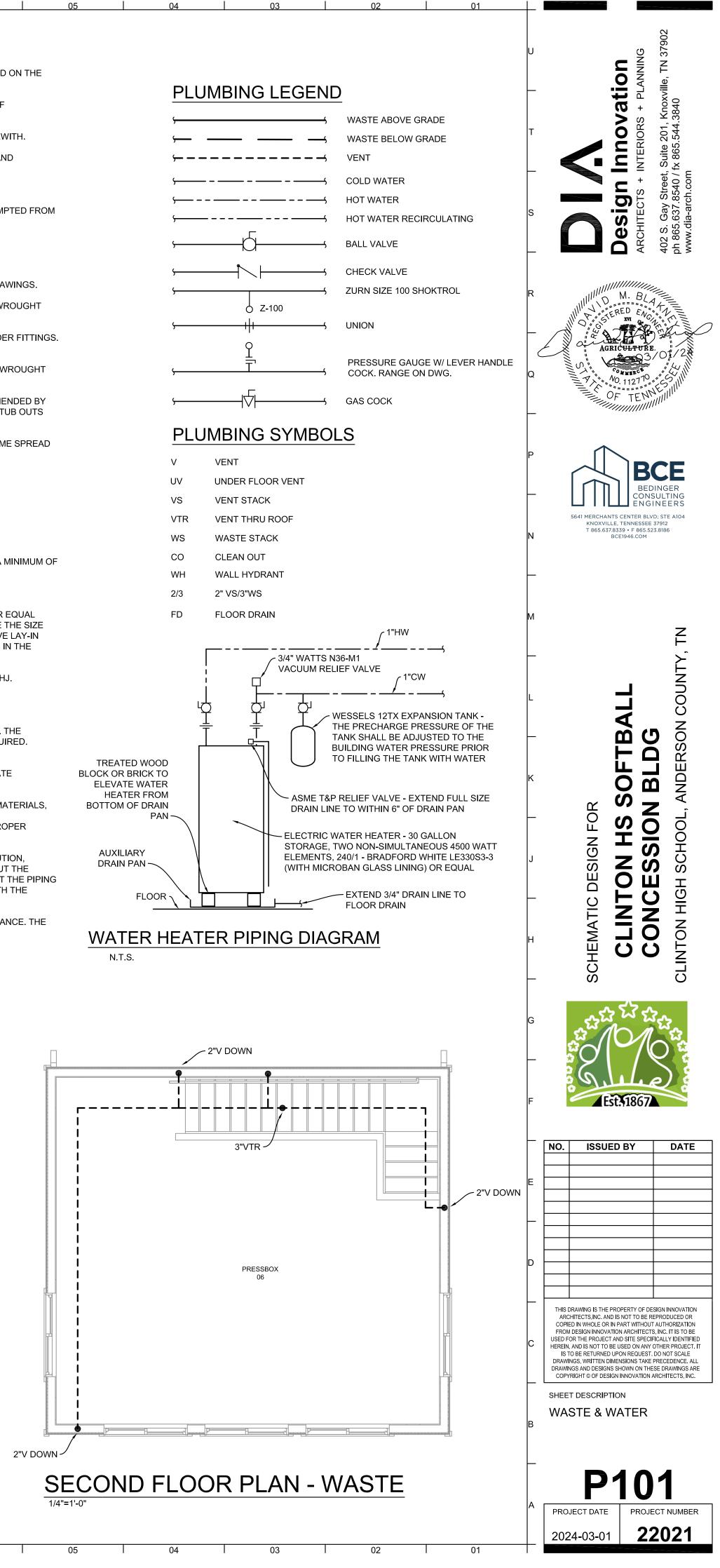


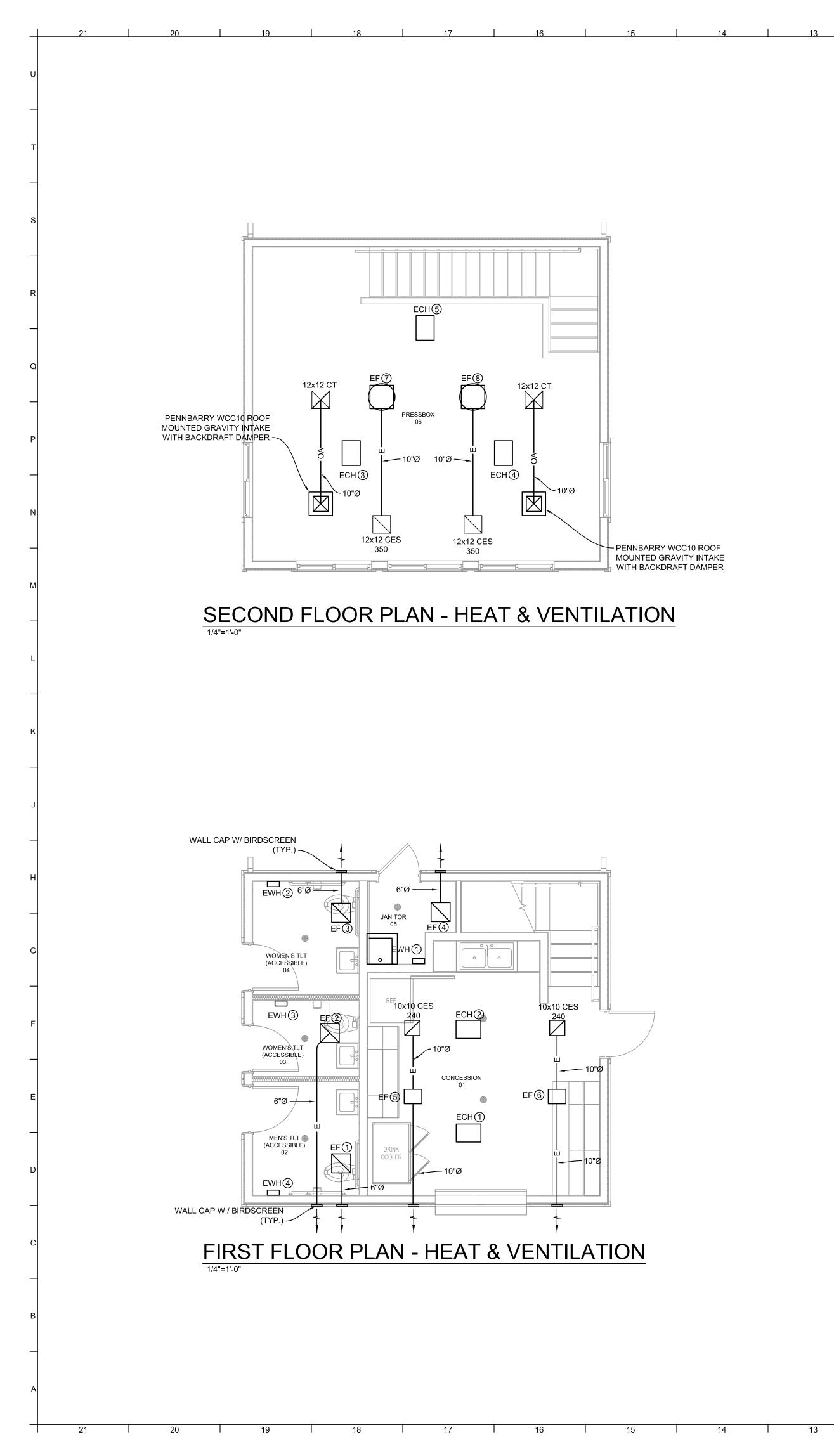
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- O SUPPLY PROTECTION WRAPS COLD WATER , 1.5GPM AERATOR, CERAMIC DISK
- /ITH ESCUTCHEONS, 1/4 TURN

FFF

- INK WITH STAINLESS STEEL STRAINER,
- ANDLES, PAIL HOOK AND WALL
- ACUUM BREAKER
- ROUND POLISHED NICKEL BRONZE DST POUR HEIGHT ADJUSTMENT AND





EXHAUST FAN (EF) SCHEDULE

MARK	CFM	EXT. STATIC (INCHES W.G.)	HP (WATTS)	RPM	MAX SONES	WEIGHT (LBS)	VOLTS/ PHASE	F
1234	70	0.3	(60 WATTS)	1090	2.2	15	115/1	
56	240	0.4	(130 WATTS)	1252	2.92	20	115/1	
78	350	0.3	1/6	1527	6.44	50	115/1	

NOTES:

1. VERIFY VOLTAGE BEFORE ORDERING EQUIPMENT

2. EXHAUST FANS SHALL BE FURNISHED WITH WALL SWITCH, BACKDRAFT DAMPER, & SPEED CONTROLLER

3. EF-7 & EF-8 SHALL BE FURNISHED WITH ROOF CURB FOR SLOPED ROOF

ELECTRIC WALL HEATER (EWH) SCHEDULE

MARK	WATTS	VOLTS/ PHASE	MFR MODEL				
1234	1500	120-1	MARKEL SERIES 305 WALL HEATER				

NOTES:

1. VERIFY VOLTAGE BEFORE ORDERING EQUIPMENT

2. HEATER SHALL BE FURNISHED WITH BUILT-IN TAMPER PROOF THERMOSTAT.

3. HEATER SHALL BE FURNISHED DISCONNECT SWITCH & OVERHEAT PROTECTION

ELECTRIC CEILING HEATER (ECH) SCHEDULE

MARK	WATTS	VOLTS/ PHASE	MFGR & MODEL NO.				
125	3000	240-1	MARKEL SERIES 3380				
(3(4)	2000	240-1	MARKEL SERIES 3380				

NOTES:

1. VERIFY VOLTAGE BEFORE ORDERING EQUIPMENT

2. PROVIDE MANUFACTURER'S MOUNTING BRACKETS

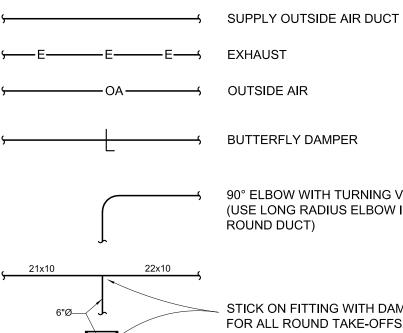
DUCT LEGEND

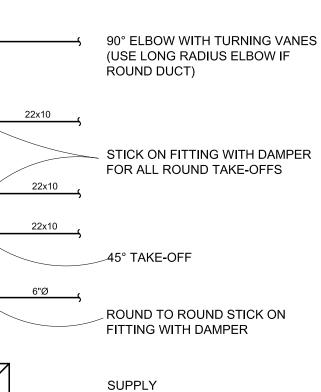
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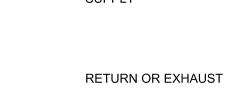
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3. PROVIDE INTEGRATED THERMOSTATS OR WALL MOUNTED THERMOSTATS (VERIFY WITH OWNER). IF WALL MOUNTED THERMOSTATS, VERIFY EXACT LOCATION WITH OWNER.







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- REGULATIONS.

- PAPER COPIES).

- FEET IN LENGTH.
- BEEN MADE.

- CONTRACT.

GRILLES AND CEILING OUTLET SPECIFICATIONS

ELECT	
CES	CEIL 1/2" (WHE
ст	CEIL

06

05

PENNBARRY MODEL

ZT-SC Z8H-INLINE-SC DX10R-SC

HVAC SPECIFICATIONS

1. FURNISH ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO INSTALL A COMPLETE HEATING AND COOLING SYSTEM AS INDICATED AND SPECIFIED ON THE DRAWINGS.

2. WORK SHALL COMPLY WITH IMC, NFPA, ALL APPLICABLE LAWS, ORDINANCES & CODES OF THE STATE OF TENNESSEE, LOCAL AUTHORITIES HAVING JURISDICTION AND WITH APPLICABLE RULES &

3. OBTAIN ALL PERMITS & INSPECTIONS REQUIRED FOR THE COMPLETION OF THE WORK & PAY ALL FEES & COSTS IN CONNECTION THEREWITH.

4. THE MECHANICAL DRAWINGS ARE GENERALLY DIAGRAMMATIC AND UNLESS SPECIFICALLY DIMENSIONED, THE LOCATIONS OF DUCTWORK AND EQUIPMENT AND THE ROUTING OF DUCTWORK IS APPROXIMATE ONLY AND SHALL NOT BE SCALED FROM THE MECHANICAL DRAWINGS.

5. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

6. SUBMIT TO THE ARCHITECT FOR APPROVAL, 10 DAYS AFTER RECEIPT OF NOTICE TO PROCEED WITH THE WORK, A COMPLETE LIST OF MATERIALS, EQUIPMENT AND ACCESSORIES PROPOSED FOR USE, INCLUDING COMPLETE DESCRIPTIONS AND SPECIFICATIONS OF ANY PROPOSED SUBSTITUTIONS, MANUFACTURER'S SHOP DRAWINGS, ROUGHING-IN DRAWINGS, AND ANY OTHER INFORMATION REQUIRED FOR THE PROPER INSTALLATION OF THE WORK. SUBMITTALS SHALL BE IN PDF FORMAT (NO

7. THE BUILDING IS ASSIGNED TO SEISMIC DESIGN CATEGORY C, RISK CATEGORY II WITH AN IMPORTANCE FACTOR OF 1.0. THEREFORE, THE MECHANICAL COMPONENTS ARE EXEMPTED FROM SEISMIC REVIEW. VERIFY WITH THE ARCHITECT.

8. ALL DUCTWORK SHALL BE GALVANIZED STEEL FABRICATED ACCORDING TO SMACNA DETAILS. DUCTS SHALL BE SIZE INDICATED ON DRAWINGS (NET INSIDE DIMENSIONS), RIGIDLY BRACED, ADEQUATELY SUPPORTED & SECURELY FASTENED IN PLACE.

9. FLEXIBLE DUCT FOR NON-INSULATED DUCT SYSTEMS SHALL BE THERMAFLEX S-LD, OR EQUAL. ALL FLEXIBLE DUCT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. DUCT RUNS SHALL BE AS STRAIGHT AS POSSIBLE AND LIMITED TO MAXIMUM OF 5

10. INSTALL SINGLE WALL TURNING VANES AT RIGHT ANGLES AND SMALL RADIUS TURNS IN DUCTS. MAKE REDUCTIONS IN DUCT SIZE WITH TAPERED TRANSITION PIECES. TRANSITIONS FOR CONNECTIONS TO EQUIPMENT SHALL BE DESIGNED TO SUIT CONDITIONS AND SO THAT AIR FLOW IS NOT RESTRICTED.

11. IN ALL CASES, AIR VOLUMES SHALL BE ADJUSTED BY MEANS OF MANUAL DAMPERS IN THE DUCTWORK, NOT BY INTEGRAL DAMPERS IN THE TERMINAL OUTLETS OR INLETS. DUCT DAMPER POSITIONS SHALL BE MARKED WITH PERMANENT INK MARKERS OR BLACK SPRAY PAINT AFTER THE FINAL SETTING HAS

12. EXHAUST FANS SHALL BE GREENHECK, LOREN COOK, PENNBARRY OR APPROVED SUBSTITUTE, AND BE AS SCHEDULED ON THE DRAWINGS AND HAVE THE ACCESSORIES AS NOTED ON THE DRAWINGS. FAN MOTORS SHALL HAVE BUILT-IN THERMAL OVERLOAD PROTECTION. THE UNITS SHALL BE FURNISHED WITH UNIT MOUNTED SAFETY DISCONNECT. THE UNITS SHALL BE UL LISTED AND BEAR THE AMCA CERTIFIED RATINGS SEAL FOR SOUND AND AIR PERFORMANCE. VERIFY VOLTAGE BEFORE ORDERING EQUIPMENT.

13. WHEN THE INSTALLATION IS COMPLETE, IT SHALL BE RUN & ADJUSTED BY THE CONTRACTOR. ANY EXCESSIVE NOISE OR VIBRATION SHALL BE CORRECTED.

14. SUBMIT WRITTEN AIR BALANCE REPORT TO THE ARCHITECT A MINIMUM OF 10 DAYS PRIOR TO THE FINAL INSPECTION. THE AIR BALANCE CONTRACTOR SHALL BE AABC OR NEBB CERTIFIED.

15. THE CONTRACTOR SHALL INSTRUCT THE OWNER IN THE OPERATION OF EQUIPMENT & PROVIDE THE OWNER WITH A COMPLETE SET OF OPERATING INSTRUCTIONS FOR EQUIPMENT INSTALLED UNDER HIS

16. THE WORK SHALL BE GUARANTEED AGAINST ALL DEFECTIVE MATERIALS & EQUIPMENT FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE. THE CONTRACTOR SHALL MAKE ALL NECESSARY CORRECTIONS WITHOUT COST TO THE OWNER.

GRILLES AND CEILING OUTLETS SHALL BE PRICE, OR EQUAL, STEEL CONSTRUCTION WITH EPOSITION PAINTED FINISH, SIZE SHOWN ON THE DRAWINGS AND SCHEDULED AS FOLLOWS.

> LING EXHAUST, PRICE MODEL 80, EGG CRATE RETURN GRILLE, SURFACE MOUNTED TYPE, CUBES WITH OPPOSED BLADE DAMPER. FURNISH WITH SQUARE-TO-ROUND ADAPTER ERE ROUND DUCT IS INDICATED ON DRAWINGS.

CEILING TRANSFER, PRICE MODEL 80, EGG CRATE RETURN GRILLE, SURFACE MOUNTED TYPE, 1/2" CUBES WITH OPPOSED BLADE DAMPER. FURNISH WITH SQUARE-TO-ROUND ADAPTER WHERE ROUND DUCT IS INDICATED ON DRAWINGS.

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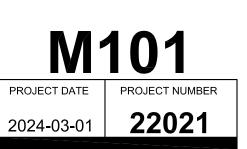
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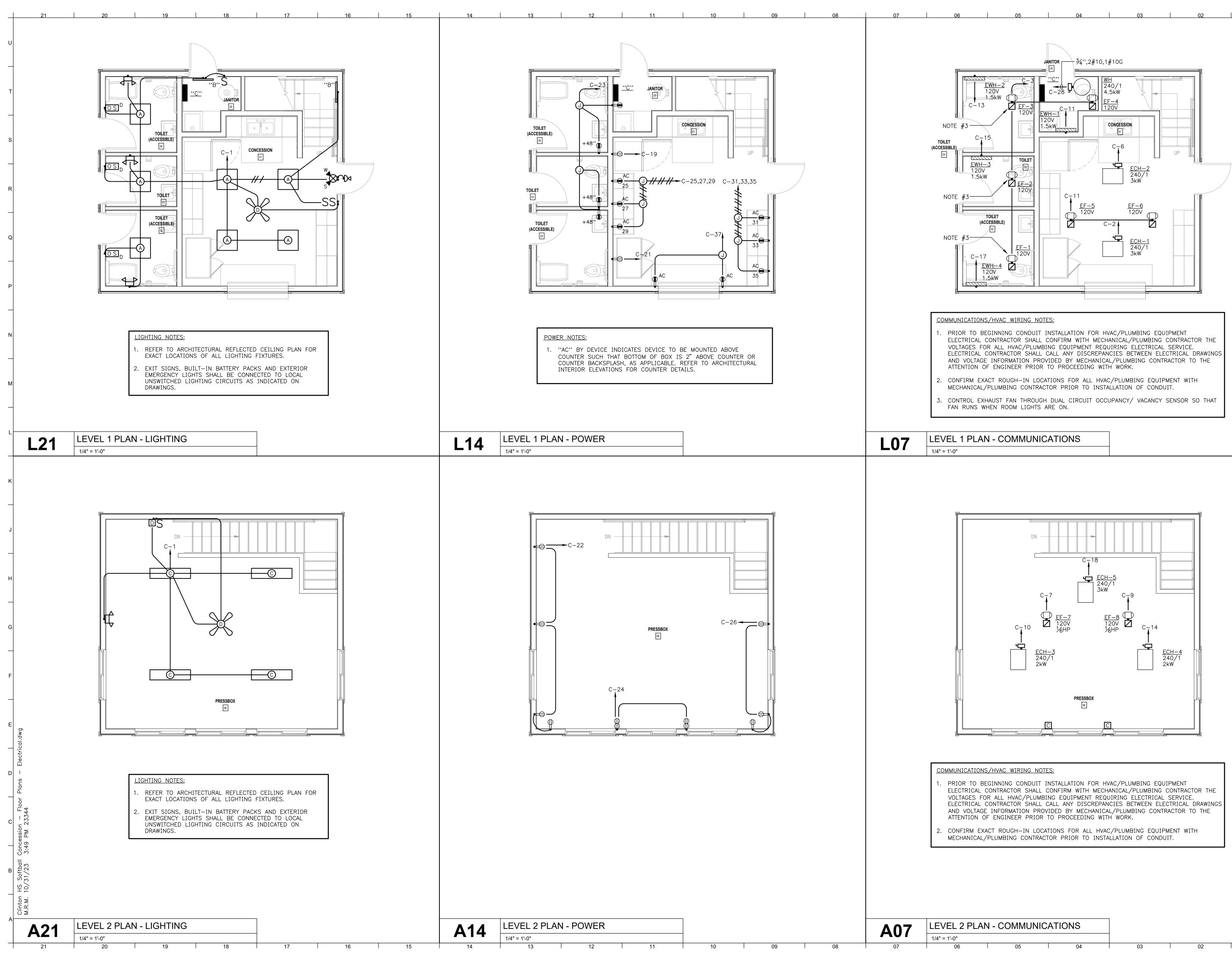
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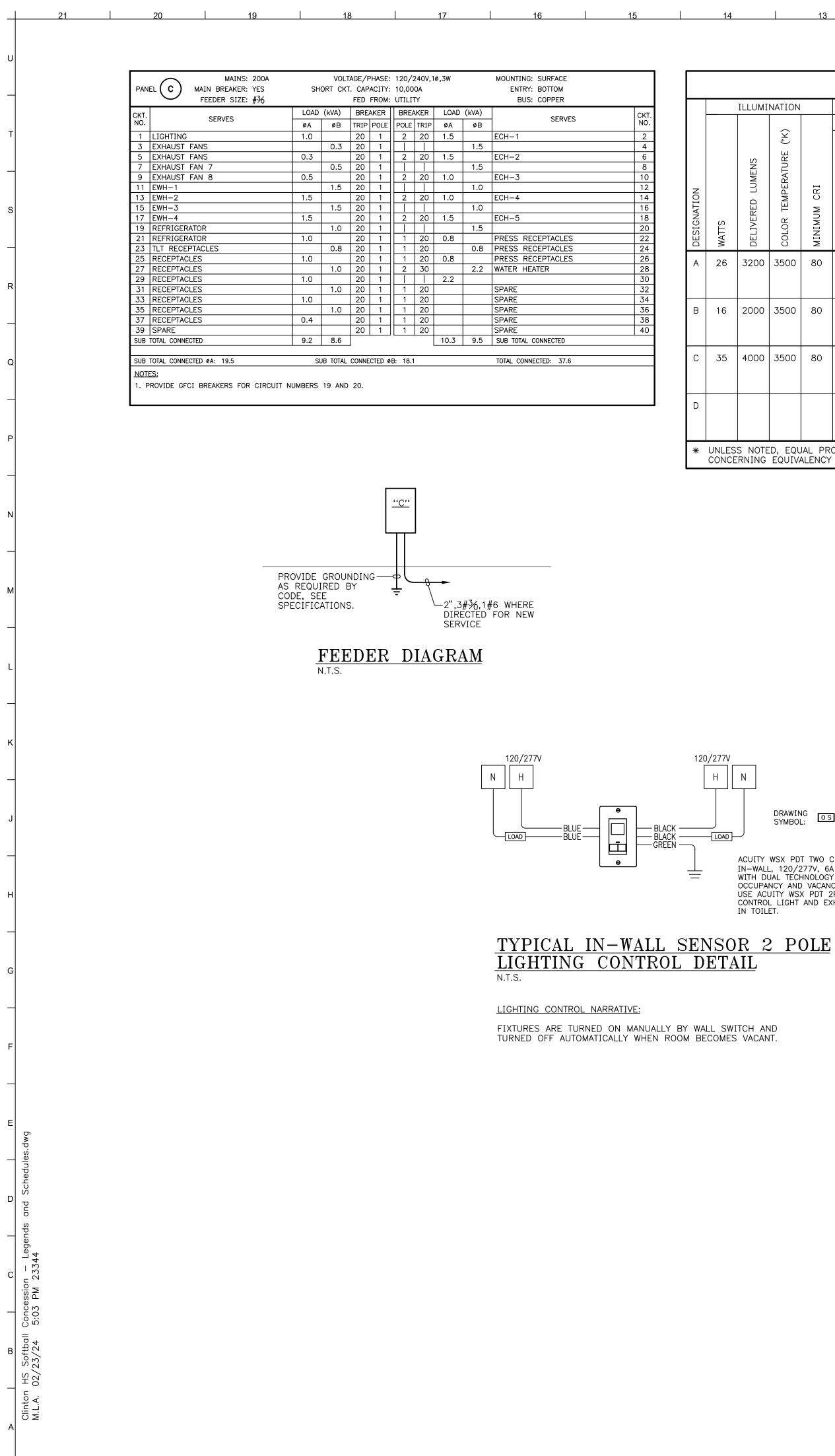
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	INATION						FING FIXTURE	E SCHE	EDULE	1		
DELIVERED LUMENS	COLOR TEMPERATURE (*K)	MINIMUM CRI	PENDANT STEM LENGTH			HEIGHT ABOVE FINISHED &	DESCRIPTION: SHIELDING, TYPE MATERIALS, FINISH, MOUNTING		ACTURER'S JCT ITEM	* EQ PRO PERM	DUCT	REMARKS
님 3200	ି 3500	4I W 80	PEN	SUF	• REC	HEI FLC	2'x2' LED FLAT PANEL, 3200	COMPANY LITHONIA	CATALOG NO.	YES	NO	
							LUMENS		AL07-80CRI- SWW7-SWL- MVOLT			
2000	3500	80				+84"	2' STRIP LIGHT	LITHONIA	CSS-L24- AL015-MVOLT- SWW3-80CRI	•		
4000	3500	80		•			4' LED STRIP LIGHT	LITHONIA	CSS-L48- AL03-MVOLT- SWW3-80CRI	•		
				•			CEILING FAN			•		TO BE SELECTED BY OWNER/ARCHITECT
							1. SCOPE: FURNISH PLANT, L REASONABLY INCIDENTAL T	ABOR, MATERIAL,	SERVICES, AND EC	QUIPM	ENT	NECESSARY FOR AND
							2. CODES AND PERMITS: SE ALL APPLICABLE LOCAL, S	R HEREINAFTER. CURE NECESSARY	PERMITS, PAY NE			
							3. POWER SERVICE: POWER REFER TO DRAWINGS FOR	SERVICE SHALL E	E 120/240-VOLTS	S, SIN	IGLE-	PHASE, 3-WIRE.
							4. WIRING METHODS: EXTER BELOW CONCRETE FLOOR S CONDUIT WITH GALVANIZEE CONCRETE FLOOR SLAB. THE BUILDING. EXPOSED GALVANIZED RIGID STEEL THE BUILDING IN DRY LOO (EMT). ALL CONDUCTORS INSULATION. CONDUCTORS ELECTRICAL CODE REQUIRE	SLAB IN BUILDING O RIGID STEEL EL NO PVC CONDUIT CONDUIT ON THE OR INTERMEDIATE CATIONS SHALL B ON THE PROJECT S SHALL BE COLO	G SHALL BE INSTA BOWS WHERE CON WILL BE PERMITT E EXTERIOR OF TH METAL CONDUIT. E INSTALLED IN E SHALL BE COPPE	LLED DUITS ED AE E BUI ALL LECTR R WI1	IN SO TUR BOVE ILDINO OVER CIC-M	CHEDULE 40 PVC N UP THROUGH FLOOR LEVEL INSIDE G SHALL BE HEAD WIRING INSIDE IETALLIC TUBING HHN/THWN''
	DRAWIN SYMBOI WSX PD	L: [03	2				5. PANELBOARDS: FURNISH / PANELBOARDS SHALL BE S 120/240-VOLTS, SINGLE-F SIEMENS, OR GENERAL ELE SHALL BE AS INDICATED O UTILIZE MOLDED CASE, BO CIRCUIT BREAKERS SHALL TYPEWRITTEN CIRCUIT DIR NAMEPLATE ON EACH PANE	IMILAR AND EQUA PHASE, 3-WIRE. S ECTRIC WILL BE A ON DRAWINGS. AN OLT-ON TYPE CIRC NOT BE PERMISS ECTORY INDICATIN CLBOARD INDICATI	L TO EATON POW- SIMILAR AND EQUA APPROVED FOR US L PANELBOARD BU CUIT BREAKERS. IBLE. PROVIDE E NG LOADS SERVED.	-R-LI E. A JSING THE U ACH PR	NE P JIPME IC RA SHA JSE C PANEL OVIDE	ANELBOARDS, RATED ENT BY SQUARE D, ATING OF PANELBOARD LL BE COPPER. DF ''PLUG-IN'' STYLE LBOARD WITH A E ENGRAVED
N-WAL VITH D DCCUPA JSE AC	L, 120/2 UAL TECH ANCY ANE UITY WS DL LIGHT	277V, 64 HNOLOGN D VACAN X PDT 2	A SWITCH Y CY SENS 2P FAN	H SOR. TO			FEEDER SERVICE ORIGINAT 6. LIGHTING FIXTURES: FURI COMPLETE WITH LAMPS. F INFORMATION. CATALOG N THE MINIMUM STANDARD C	NISH AND INSTALI REFER TO LIGHTIN IUMBERS INDICATE	IG FIXTURE SCHED ED ON LIGHTING F)ULE TIXTUF	FOR A	ADDITIONAL HEDULE INDICATE

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19 | 18 | 17 | 16 | 15 | 14 | 13 | 12

WIRING DEVICES: FURNISH AND INSTALL WIRING DEVICES (WALL SWITCHES, DUPLEX PLUG RECEPTACLES, GFCI DUPLEX RECEPTACLES, ETC., AS INDICATED ON DRAWINGS). ALL 120-VOLT DEVICES SHALL HAVE A MINIMUM RATING OF 20-AMPERES. THE USE OF 15-AMPERE RATED DEVICES SHALL NOT BE PERMISSIBLE. COLOR OF DEVICES SHALL BE IVORY, WHITE, OR GRAY AS DIRECTED BY ARCHITECT. UTILIZE STAINLESS STEEL COVERPLATES UNLESS DIRECTED BY ARCHITECT TO UTILIZE SMOOTH NYLON PLASTIC COVERPLATES. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL CONFIRM THAT ALL DEVICES, INCLUDING OCCUPANCY SENSORS, HAVE SAME FINISH.

AND EQUAL EQUIPMENT BY OTHER MANUFACTURERS WILL BE ACCEPTABLE FOR USE.

- 8. GROUNDING: PROVIDE GROUNDING OF NEW BUILDING FEEDER AS DESCRIBED HEREINAFTER. PROVIDE A DRIVEN COPPERWELD GROUND ROD. PROVIDE A #1/0 AWG BARE COPPER GROUNDING CONDUCTOR BONDED TO GROUND RODS AND EXTENDED TO PANEL AND BONDED TO GROUND BUS. ALL BONDING CONNECTIONS TO GROUND RODS SHALL BE BY CADWELD PROCESS. PROVIDE GROUNDING OF REBAR IN STRUCTURAL STEEL FOOTING TO MAIN ELECTRICAL SERVICE GROUND IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE REQUIREMENTS. PROVIDE A CODE-SIZED EQUIPMENT GROUNDING CONDUCTOR IN ALL FEEDER AND BRANCH CIRCUIT WIRING RUNS. SEPARATE GROUNDING CONDUCTOR IS GENERALLY NOT INDICATED ON DRAWINGS BUT SHALL BE REQUIRED. GROUND EQUIPMENT AND LIGHTING FIXTURES IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE.
- 9. GUARANTY: GUARANTEE ALL WORK TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER DATE OF FINAL ACCEPTANCE OF JOB.

LEGEND

DESCRIPTION

LED LIGHTING FIXTURE; "A" REFERS TO DESIGNATION IN THE LIGHTING FIXTURE SCHEDULE; "b" REFERS TO SWITCH CONTROL AND "3" REFERS TO CIRCUIT NUMBER. ASTERISK (*) INDICATES LUMINAIRE TO BE EQUIPPED WITH BATTERY PACK FOR EGRESS LIGHTING.

LED LIGHTING FIXTURE; "B" REFERS TO DESIGNATION IN THE LIGHTING FIXTURE SCHEDULE; "a" REFERS TO SWITCH CONTROL; AND "2" REFERS TO CIRCUIT NUMBER.

WALL-MOUNTED TWIN-HEAD EMERGENCY LIGHTING FIXTURE, CONNECT TO UNSWITCHED LIGHTING CIRCUIT. MOUNT 7'-6" AFF EXCEPT NOT LESS THAN 6" BELOW CEILING. "WG" BY DEVICE INDICATES WIRE GUARD TO BE PROVIDED.

WALL SWITCH; SINGLE POLE UNLESS NOTED 3- OR 4-WAY; "P" INDICATES EQUIPPED WITH PILOT LIGHT TO INDICATE WHEN SWITCH IS ON; W.P. INDICATES WEATHERPROOF, "K" INDICATES KEY OPERATED SWITCH; +48"/- ABOVE FLOOR EXCEPT IN MASONRY WALLS WHERE HEIGHT SHALL BE ADJUSTED TO HAVE BOX EDGE OCCUR AT A MASONRY JOINT. PROVIDE NEUTRAL CONDUCTOR IN ADDITION TO LINE AND SWITCHED CONDUCTORS.

OCCUPANCY/VACANCY SENSOR FOR LIGHTING CONTROL, CEILING OR WALL MOUNTED AS INDICATED ON PLANS. MOUNT WALL-MOUNTED SENSOR AT SAME HEIGHT AS WALL SWITCH (+48" ABOVE FINISHED FLOOR). "D" BY SENSOR ON PLANS INDICATES DUAL RELAY TYPE SENSOR ALLOWING INDEPENDENT CONTROL OF TWO SEPARATE LIGHTING LOADS. PROVIDE NEUTRAL CONDUCTOR IN ADDITION TO LINE AND SWITCHED CONDUCTORS.

EXIT SIGN WITH BUILT-IN TWIN HEAD EMERGENCY LIGHT, "W" INDICATES WALL MOUNTING, "C" INDICATES CEILING MOUNTING, "S" INDICATES SINGLE FACE, "D" INDICATES DOUBLE FACE, "P" INDICATES PENDANT MOUNTED. PROVIDE DIRECTIONAL ARROWS ON EXIT SIGNS AS INDICATED ON PLANS. "WG" BY DEVICE INDICATES WIRE GUARD TO BE PROVIDED. UNIT EQUIPPED WITH BATTERY BACK-UP. CONNECT TO UNSWITCHED, "HOT", LIGHTING CIRCUIT.

WALL MOUNTED EXTERIOR LED EMERGENCY LIGHTING UNIT FULL CUTOFF "DARK SKY" COMPLIANT TYPE, WITH BUILT-IN NICKEL CADMIUM BATTERY FOR EMERGENCY OPERATION ONLY UPON LOSS OF NORMAL UTILITY POWER, WET LOCATION LISTED, WITH INTERNAL BATTERY HEATER. VERIFY FINISH AND EXACT MOUNTING HEIGHT WITH ARCHITECT. UNIT SHALL BE SIMILAR AND EQUAL TO MULE LIGHTING MERU-LED-EM-FIN-IH. UNIT SHALL HAVE TWO LED LAMPS FOR REDUNDANCY, TOTAL 11 WATTS.

DUPLEX PLUG RECEPTACLE; 120-VOLTS; 20-AMPERES; MOUNT 3" ABOVE BACKSPLASH AT WORK COUNTERS AND LAVATORIES AND +18" AFF ELSEWHERE UNLESS NOTED TO A DIFFERENT HEIGHT. TAMPER RESISTANT, UNLESS NOT REQUIRED BY CODE.

QUADRAPLEX PLUG RECEPTACLE, 120-VOLTS, 20-AMPERES. MOUNT 3" ABOVE BACKSPLASH AT WORK COUNTERS/LAVATORIES AND +18" AFF ELSEWHERE UNLESS NOTED TO A DIFFERENT HEIGHT. TAMPER RESISTANT, UNLESS NOT REQUIRED BY CODE.

DUPLEX PLUG RECEPTACLE, 120-VOLTS, 20-AMPERES, SHADED CENTER INDICATES EQUIPPED WITH BUILT-IN GROUND FAULT CIRCUIT INTERRUPTER, MOUNT 3" ABOVE BACKSPLASH AT WORK COUNTERS/LAVATORIES AND +18" AFF ELSEWHERE UNLESS NOTED TO A DIFFERENT HEIGHT. PROVIDE WEATHER RESISTANT DEVICE AND WEATHERPROOF "EXTRA DUTY WHILE IN USE" COVER WHERE LOCATED OUTDOORS. TAMPER RESISTANT, UNLESS NOT REQUIRED BY CODE.

PANELBOARD, RECESSED OR SURFACE MOUNTED AS INDICATED ON DRAWINGS. TOP 6-FEET ABOVE FINISHED FLOOR ADJUSTED TO OCCUR AT A MASONRY JOINT, SEE PANELBOARD SCHEDULE FOR EQUIPMENT CONTAINED.

JUNCTION BOX, SIZE AND USE AS REQUIRED; COVERPLATE SHALL OVERLAP THE BOX EDGE BY 1/2" WHERE RECESSED IN WALL WITH CONCEALED WIRING.

ELECTRIC MOTOR REQUIRING CONNECTION, SIZE, USE, AND LOCATION AS INDICATED ON PLANS, VERIFY LOCATION AND CONNECTIONS REQUIRED WITH MECHANICAL TRADE PRIOR TO ROUGH-IN; USE FLEXIBLE CONDUIT WITHIN 18" OF EQUIPMENT.

MANUAL MOTOR STARTER TO CONTROL MOTOR INDICATED, SAME MOUNTING HEIGHT AS WALL SWITCH WHERE STARTER IS WALL MOUNTED. "2P" BY STARTER INDICATES TWO POLE STARTER TO BE PROVIDED FOR 208-VOLT, SINGLE-PHASE EQUIPMENT.

FUSED DISCONNECT SWITCH, HEAVY DUTY "HP" RATED, PROVIDE NEMA 3R ENCLOSURE OUTDOORS.

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DATA/VOICE OUTLET, PROVIDE 4 11/16" SQUARE BOX WITH SINGLE-GANG DEVICE RING AND BLANK COVERPLATE. EXTEND EMPTY 1" CONDUIT FROM OUTLET BOX TO POINT ABOVE ACCESSIBLE LAY-IN CEILING AND TERMINATE WITH BUSHING. LOCATE OUTLET BOX 3" ABOVE BACKSPLASH AT WORK COUNTERS AND +18" AFF ELSEWHERE UNLESS NOTED TO A DIFFERENT HEIGHT ON DRAWINGS. "W" BY DEVICE INDICATES DEVICE TO BE DEDICATED FOR WIRELESS ACCESS POINT USE.

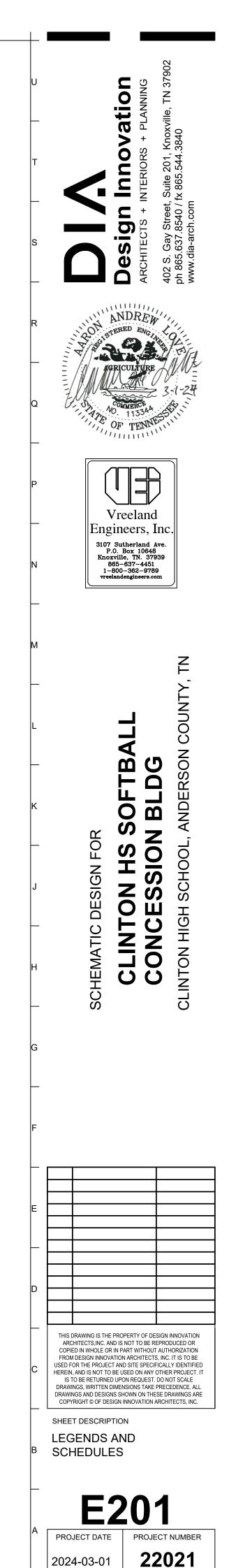
WALL MOUNTED ELECTRIC HEATER, KW AND VOLTAGE AS INDICATED ON PLANS, PROVIDE JUNCTION BOX AND CONNECT.

WALL MOUNTED DIMMER TO CONTROL LIGHTING FIXTURES INDICATED, SAME MOUNTING HEIGHT AS REGULAR WALL SWITCH. PROVIDE NEUTRAL CONDUCTOR IN ADDITION TO LINE AND SWITCHED CONDUCTORS.

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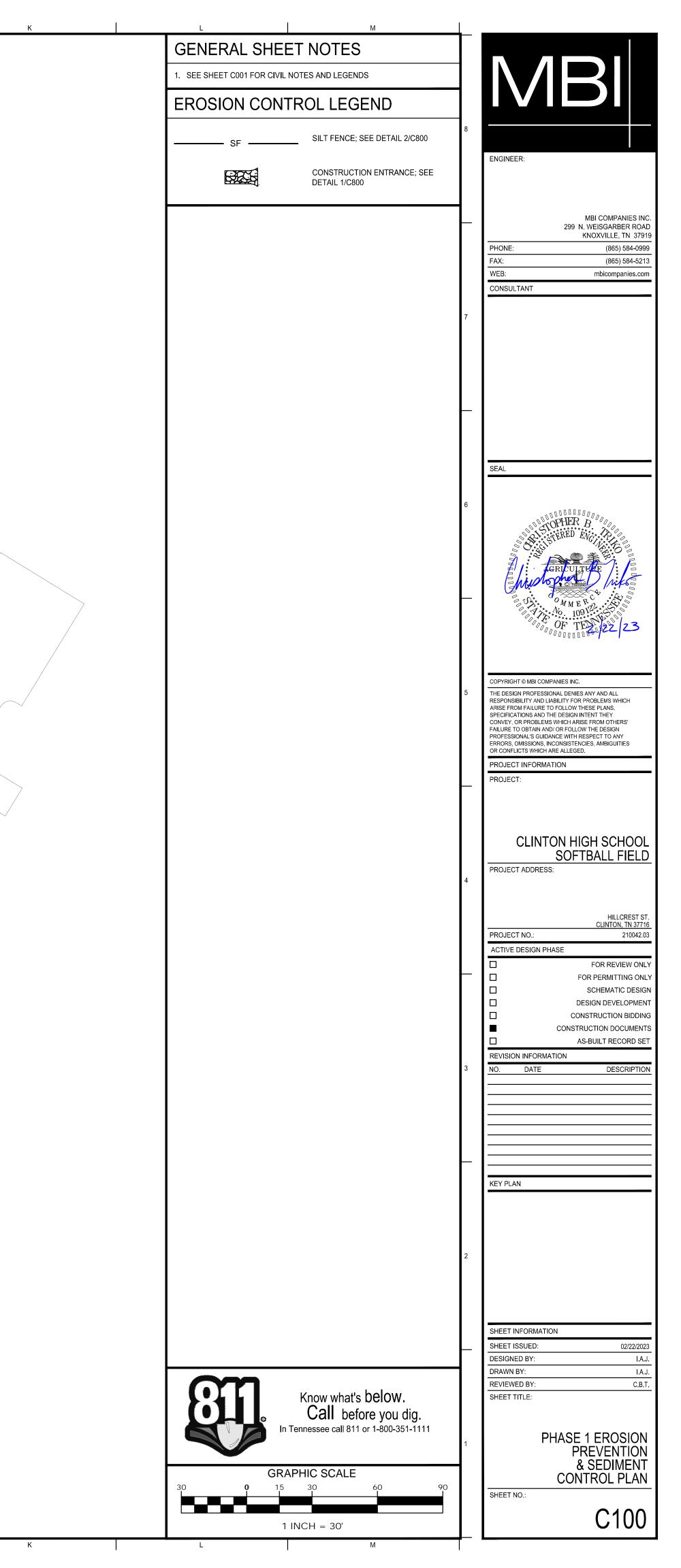
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PHASE 1 EROSION PREVENTION & SEDIMENT CONTROL PLAN



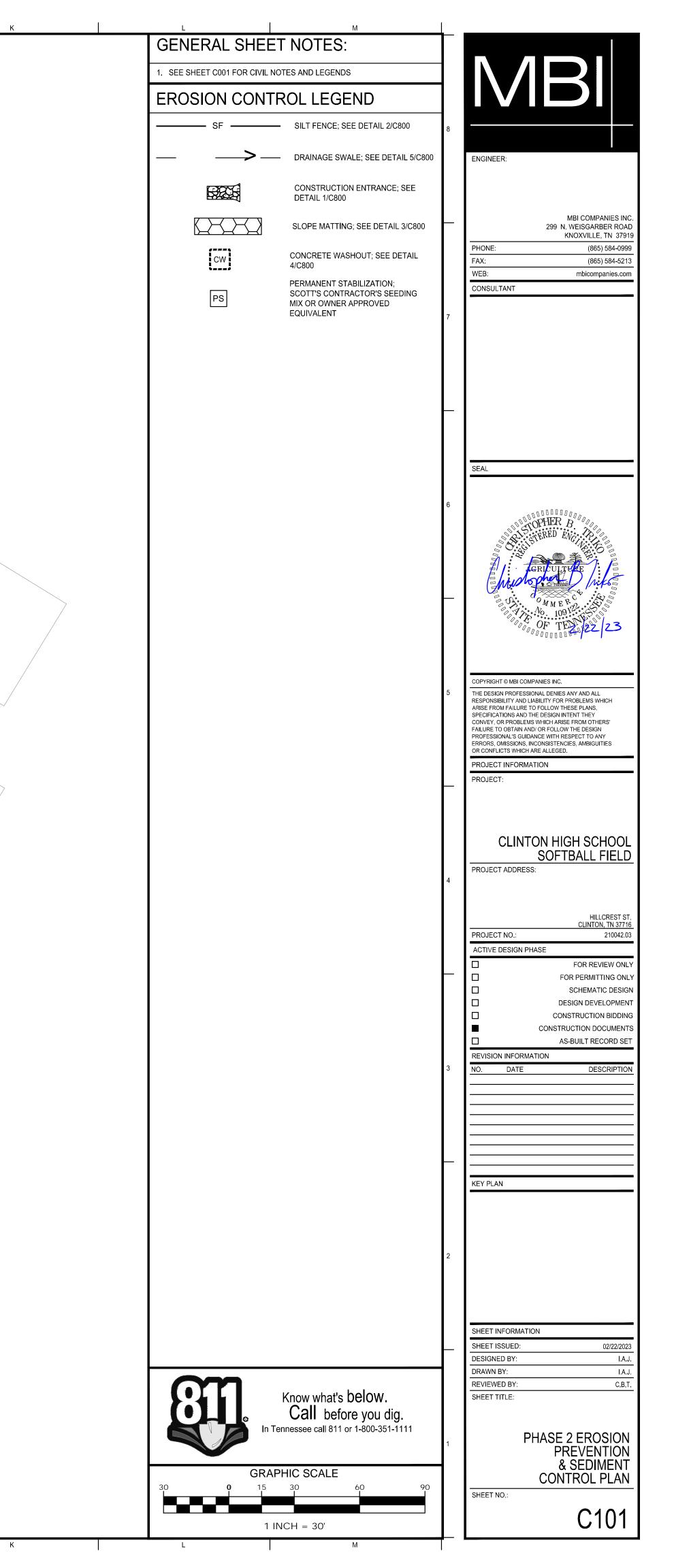
NORTH



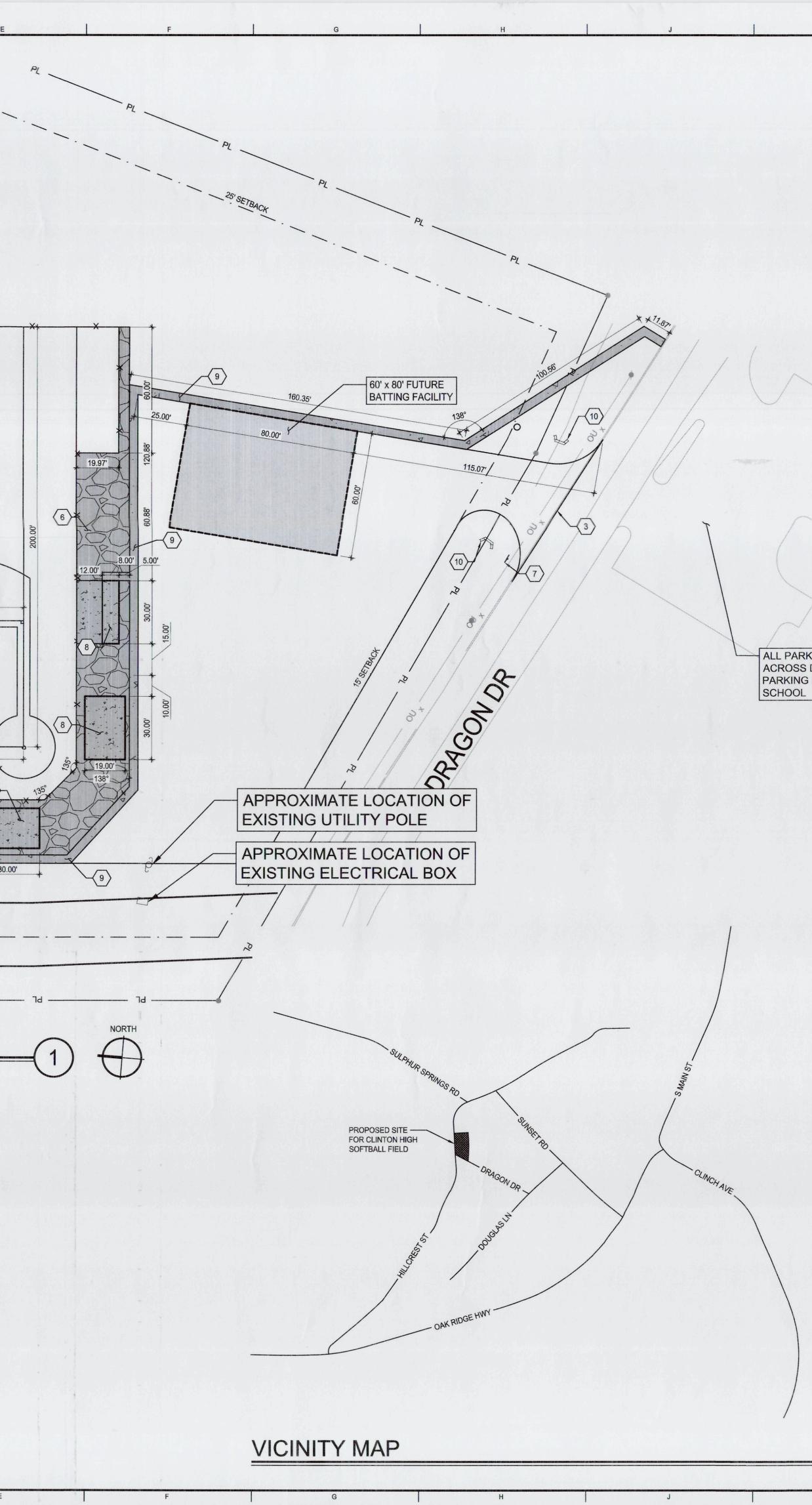
PHASE 2 EROSION PREVENTION & SEDIMENT CONTROL PLAN



NORTH

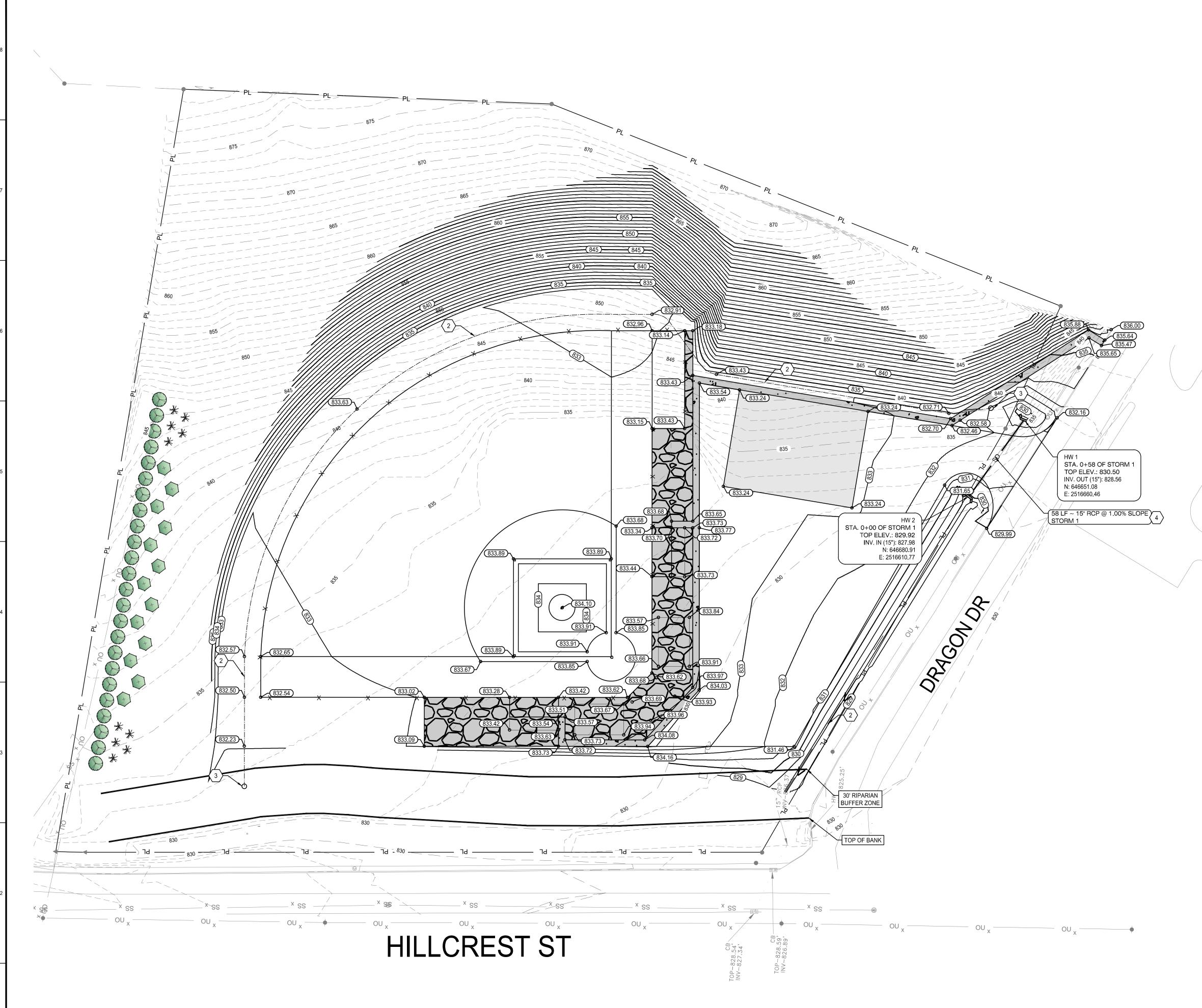


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5			30.00' 25.00' 60.00'	60.00'
4	a a b c c c c c c c c c c c c c	- 1d		30.00' 10.00'
	<section-header> SITE LAYOUT PLAN DETIFICATE OF SITE PLAN APPROVAL We have be artified at this site plan has been found to complex with the zoning and the exception of such variances, if any, as noted in the minutes of the Clinton Board of Zoning Appeals. Date Chairman Clinton Municipal/Regional Date Secretary Clinto</section-header>			
	Date Applicant			



L М K **GENERAL SHEET NOTES:** SITE ACERAGE = 4.99
 ALL PARKING FOR SOFTBALL FIELD IS ACROSS DRAGON DRIVE IN, EXISTING PARKING LOTS FOR CLINTON HIGH SCHOOL. $\langle x \rangle$ SITE KEYED NOTES 1 PROPOSED DUGOUT ENGINEER: 2 METAL BLEACHERS $\left< 3 \right>$ PROVIDE SMOOTH TRANSITION TO EXISTING SURFACE MBI COMPANIES INC 299 N. WEISGARBER ROAD KNOXVILLE, TN 37919 4 BACKSTOP (865) 584-0999 5 OUTFIELD FENCE (865) 584-5213 mbicompanies.com WEB: 6 GRAVEL; SEE DETAIL 4/C801 CONSULTANT (7) STOP SIGN; SEE DETAIL 3/C801 8 CONCRETE PAD (9) CONCRETE SIDEWALK; SEE DETAIL 6/C801 4 (10) STORM SEWER STRUCTURE; SEE SHEET C400 FOR DETAILS ALL PARKING FOR SOFTBALL FIELD IS COPYRIGHT © MBI COMPANIES INC. ACROSS DRAGON DRIVE IN EXISTING THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/ OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED. PARKING LOTS FOR CLINTON HIGH PROJECT INFORMATION PROJECT: CLINTON HIGH SCHOOL SOFTBALL FIELD PROJECT ADDRESS: HILLCREST ST. CLINTON, TN 37716 210042.03 PROJECT NO .: ACTIVE DESIGN PHASE FOR REVIEW ONLY FOR PERMITTING ONLY SCHEMATIC DESIGN DESIGN DEVELOPMENT CONSTRUCTION BIDDING CONSTRUCTION DOCUMENTS AS-BUILT RECORD SET **REVISION INFORMATION** D. DATE DESCRIPTION KEY PLAN AREAS & CALCULATIONS IMPERVIOUS AREA EXISTING PROPOSED TOTAL INCREASE Acres sqft 0.29 Acres 12,723 sqft 0.29 Acres 12,723 sqft 0.00 0.00 DISTURBED AREA SHEET INFORMATION TOTAL SITE AREA DISTURBED AREA SHEET ISSUED: 02/22/2023 3.17 Acres 138,085 sqft 4.99 Acres 217,502 sqft Acres DESIGNED BY: I.A.J. DRAWN BY: I.A.J. C.B.T. REVIEWED BY: Know what's below. Call before you dig. In Tennessee call 811 or 1-800-351-1111 SHEET TITLE: GRAPHIC SCALE SITE LAYOUT PLAN 15 30 60 SHEET NO .: 2 C300 1 INCH = 30'

SITE GRADING & DRAINAGE PLAN



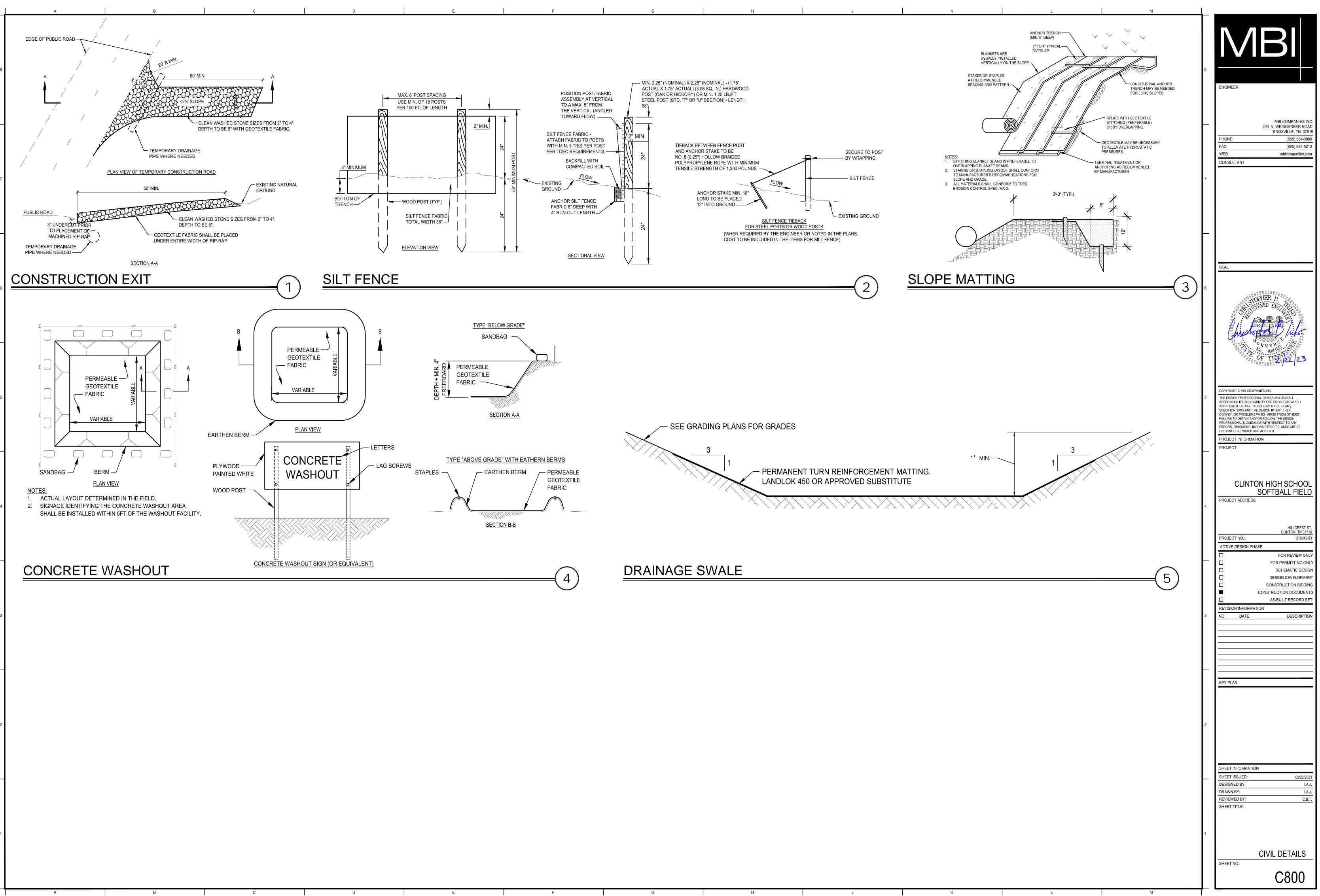
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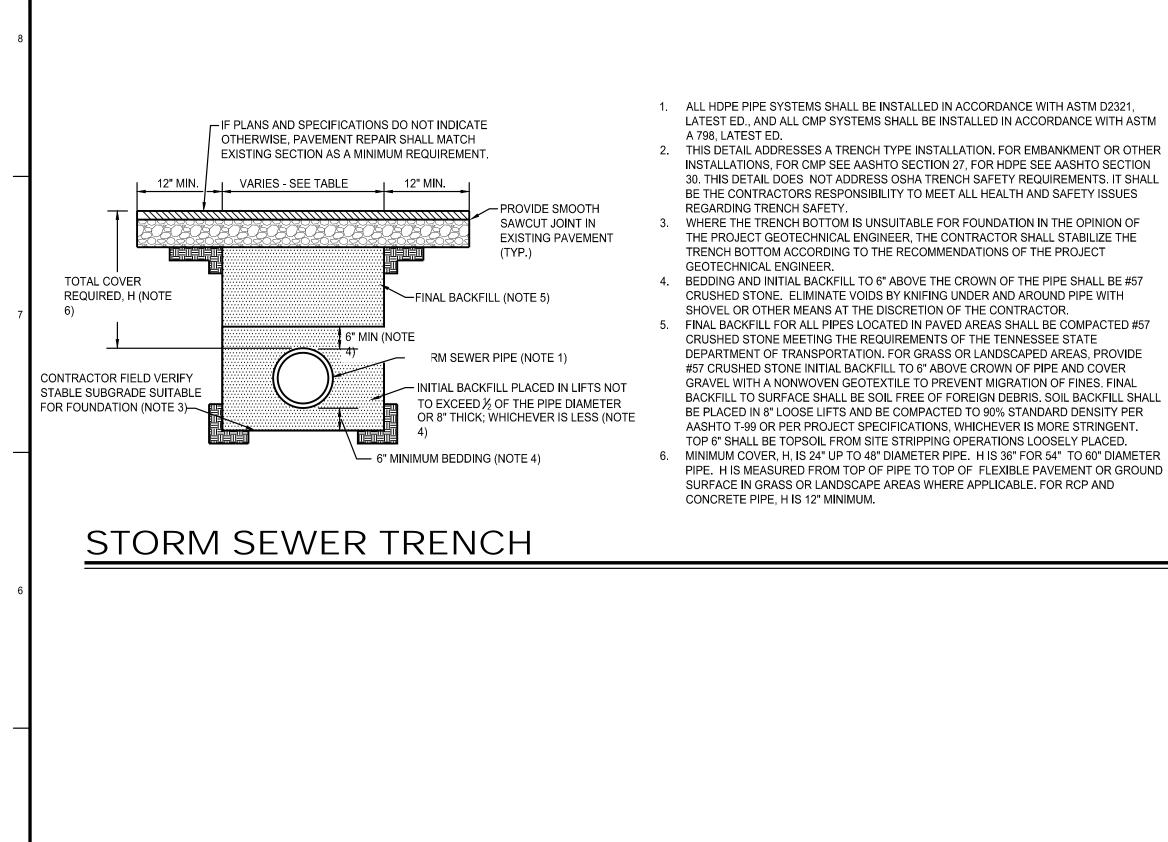
1 NORTH

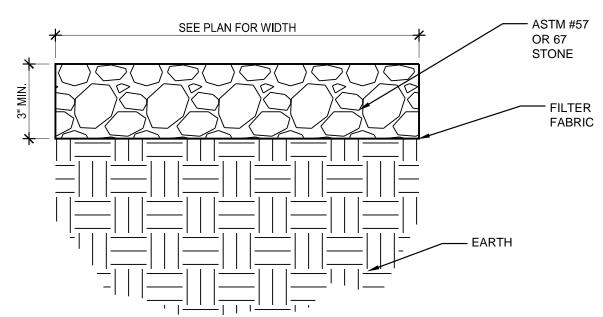
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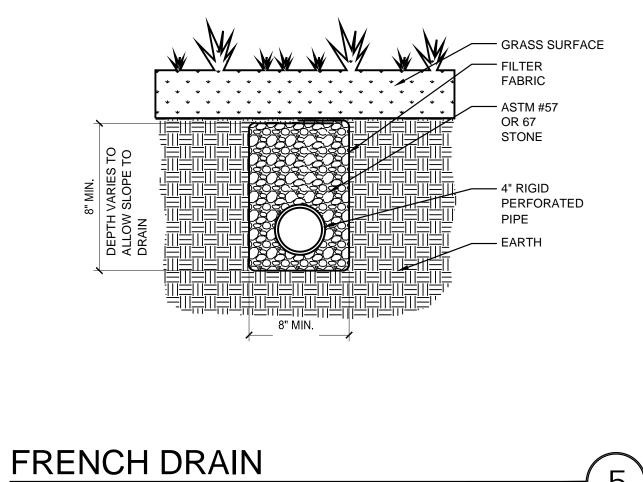
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GENERAL SHEET NOTES: 1. SEE SHEET COO1 FOR CIVIL NOTES AND LEGENDS		
DRAINAGE LEGEND		MBI
	8	
(x) GRADING KEYED NOTES	╡┞	ENGINEER:
 I DRAINAGE SWALE; SEE DETAIL 6/C800 PRENCH DRAIN; SEE DETAIL 5/C801 CUT PIPE AT AN ANGLE TO MATCH GRADE; PLACE LEADER CAP ON END OF PIPE; SEE DETAIL 2/C801 STORM SEWER DRAINAGE PIPE & UTILITY TRENCH; SEE DETAIL 1/C801 		MBI COMPANIES INC. 299 N. WEISGARBER ROAD KNOXVILLE, TN 37919 PHONE: (865) 584-0999 FAX: (865) 584-5213 WEB: mbicompanies.com CONSULTANT
	6	SEAL
	5	COPYRIGHT @ MBI COMPANIES INC. THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH
		ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/ OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED. PROJECT INFORMATION PROJECT:
	4	CLINTON HIGH SCHOOL SOFTBALL FIELD PROJECT ADDRESS: HILLCREST ST. CLINTON, TN 37716 PROJECT NO.: 210042.03 ACTIVE DESIGN PHASE
		FOR REVIEW ONLY FOR PERMITTING ONLY SCHEMATIC DESIGN DESIGN DEVELOPMENT CONSTRUCTION BIDDING CONSTRUCTION DOCUMENTS AS-BUILT RECORD SET REVISION INFORMATION NO. DATE DESCRIPTION
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Know what's below. Call before you dig. In Tennessee call 811 or 1-800-351-1111		SHEET INFORMATION SHEET ISSUED: 02/22/2023 DESIGNED BY: I.A.J. DRAWN BY: I.A.J. REVIEWED BY: C.B.T. SHEET TITLE:
		SITE GRADING &
GRAPHIC SCALE 30 0 15 30 60 90 1 INCH = 30'		DRAINAGE PLAN SHEET NO.: C500
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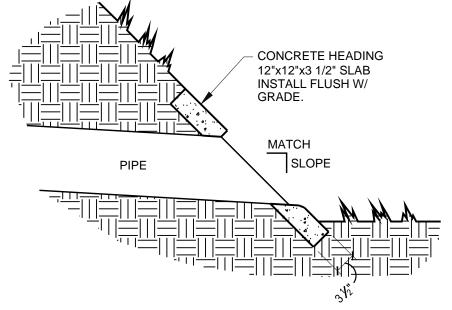






GRAVEL WALKWAY

		ALUMINIZED CMP, HDPE AND PVC		
		PIPE DIA (IN)	MINIMUM WIDTH (IN)	
		4	21	
		6	23	
RCP AND C		8	26	
PIPE DIA (IN)	MINIMUM WIDTH (IN)	10	28	
12	22	12	30	
15	26	15	34	
18	31	18	39	
24	40	24	48	
30	50	30	56	
36	59	36	64	
42	68	42	72	
48	78	48	80	
54	87	54	88	
60	98	60	96	



LEADER CAP

