

ADMIRAL ST. MULTI-UNIT DEVELOPMENT

663 ADMIRAL STREET, PROVIDENCE, RI 02908

CLIENT: JOE COLALUCA STRIVE PROPERTIES

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www.striveri.com

ARCHITECTURE AND INTERIORS:

ZDS inc.

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TE ENGINEERING

STRUCTURAL ENGINEER STRUCTURES WORKSHOP

> 18 IMPERIAL PLAZA PROVIDENCE, RI 02903 +1.401.383.8988

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STRUCTURES WORKSHOP

MEP CONSULTANT: **BUILDING ENGINEERING** RESOURCES, INC.

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www.ber-engineering.com



Building Engineering Resources, Inc.

CONSTRUCTION DRAWINGS

03/17/2023

A: GENERAL

- THE CONTRACTOR SHALL BE RESPONSIBLE TO VISIT THE SITE PRIOR TO BID SUBMITTAL TO BECOME FAMILIAR WITH CONDITIONS AT THE SITE AFFECTING PERFORMANCE OF THE WORK.
- THE WORK SHALL COMPLY WITH ALL GOVERNING STATE AND LOCAL CODES. ACCESSIBLE SPACES AND WORK SHALL COMPLY WITH ALL APPLICABLE ACCESSIBILITY CODES
- UNLESS OTHERWISE AGREED TO IN WRITING WITH THE OWNER, THE CONTRACTOR IS RESPONSIBLE FOR SECURING ALL PERMITS (BUILDING, OCCUPANCY, ETC.) AND FEES FOR SAME, AS REQUIRED BY STATE AND LOCAL RULES AND REGULATIONS.
- DAMAGES TO THE BUILDING OR PROPERTY DUE TO CONTRACT OPERATIONS MUST BE REPORTED IMMEDIATELY TO THE BUILDING OWNER.
- THE OWNER RESERVES THE RIGHT TO PERFORM ADDITIONAL WORK THAT IS NOT PART OF THIS CONTRACT WITH HIS OWN FORCES, UNDER SEPARATE CONTRACTS AND/OR WITH OTHER CONTRACTORS OR VENDORS. THE CONTRACTOR SHALL COOPERATE WITH THE OWNER AND OTHER CONTRACTORS AND COORDINATE HIS WORK WITH THE OWNER SO THAT WORK BY OTHERS CAN BE INCORPORATED IN A TIMELY MANNER.
- THE CONTRACTOR SHALL REPLACE OR REMEDY FAULTY, IMPROPER OR INFERIOR MATERIALS OR WORKMANSHIP WHICH SHALL APPEAR WITHIN ONE (1) YEAR OR AS OTHERWISE SPECIFIED FOR A SPECIFIC COMPONENT AFTER COMPLETION AND ACCEPTANCE OF THE WORK. SUCH WORK IS TO BE COMPLETED AT NO COST TO THE OWNER.
- FURNISH AND INSTALL MATERIALS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS. MATERIALS AND METHODS OF INSTALLATION TO CONFORM WITH THE APPROPRIATE NATIONAL TRADE HANDBOOKS; I.E. ARCHITECTURAL WOODWORK INSTITUTE'S QUALITY STANDARDS, UNITED STATES GYPSUM, GYPSUM CONSTRUCTION HANDBOOK, ETC.

B: COORDINATION

- THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THE WORK, CONSTRUCTION SEQUENCING, SUBCONTRACTORS, AND INSTALLED LOCATION AND INTERFACE OF THE WORK.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF SYSTEMS AND EQUIPMENT WITH STRUCTURE, ARCHITECTURE, CEILING HEIGHTS, AND OTHER WORK.
- DISCREPANCIES BETWEEN PORTIONS OF THE CONTRACT DOCUMENTS ARE NOT INTENDED. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH AND COORDINATE ALL CONTRACT DOCUMENTS BEFORE INSTALLATION OF THE WORK. THE CONTRACTOR SHALL CLARIFY DISCREPANCIES WITH THE ARCHITECT PRIOR TO COMMENCING THE WORK IN QUESTION.
- MATTERS WITHIN THE SPECIFICATIONS WHICH MAY HAVE BEEN OMITTED IN THE 4 DRAWINGS OR VICE VERSA SHALL BE CONSTRUED AS THOUGH CONTAINED IN BOTH.
- SHOULD THE SPECIFICATIONS AND THE DRAWINGS DISAGREE WITH THEMSELVES 5. OR WITH EACH OTHER, PROVIDE THE BETTER QUALITY OR GREATER QUANTITY OF WORK, AS DETERMINED BY THE ARCHITECT, UNLESS OTHERWISE DIRECTED BY APPROVED CHANGE ORDER.

ABBREVIATIONS

ACOUST ACC ACS ACT ADJ AFF/A.F.F. ALUM ANOD ARCH AUTO BD BLDG BLKG CFCI CJ CL CLG CLO CLR CMU COL CONC CONST CONT CPT CT CTR DBL DIA DIM DS DTL DWG(S) E EA EJ ELEC ELEV ELVT EQ EQUIP EXT EXG FD FE FFR FR FR FR FR FR FR FR FR FR FR FR FR	ACOUSTICAL ACCESSIBLE ARCHITECTURAL CAST STONE ACOUSTIC CEILING TILE ADJUSTABLE ABOVE FINISHED FLOOR ALUMINUM ANODIZED ARCHITECT (URAL) AUTOMATIC BOARD BUILDING BLOCKING CONTRACTOR FURNISHED CONTRACTOR FURNISHED CONTRACTOR INSTALLED CONTROL JOINT CENTER LINE CEILING CLOSET CLEAR(ANCE) CONCRETE MASONRY UNIT COLUMN CONCRETE CONSTRUCTION CONTRUCTON CONTINUE/CONTINUOUS CARPET CERAMIC TILE CENTER DOUBLE DIAMETER DIMENSION DOWN SPOUT DETAIL DRAWING(S) EAST EACH EXPANSION JOINT ELECTRIC(AL) ELEVATION ELEVATION ELEVATOR EQUIPMENT EXTERIO OR EXTENDED EXISTING FLOOR DRAIN, REF: PLUMBING FOR SIZE AND TYPE FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FINISH FURNITURE, FIXTURE & EQUIPMENT FOOT FIRE RATED FIRE RATEN FIRE RATEN FIRE	HM HR HT HVAC ID INCL INSUL INT JT KD KP LAM LAV LH LHR MAS MAT MAX MDO MECH MANF MIN MISC MO MTL N MANF MIN MISC MO MTL N NA/ N/A NIC NOM NTS OC OD OFCI OFOI OFOI OFOI OFOI OFOI OFOI OFOI	HOLLOW METAL HOUR HEIGHT HEAT/VENT/AIR CONDITION INSIDE DIAMETER INCLUDE(D) INSULATION INTERIOR JOINT KNOCK DOWN KICK PLATE LAVATORY LEFT HAND LEFT HAND REVERSE MASONRY MATERIAL MAXIMUM MEDIUM DENSITY OVERLAY MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS MASONRY OPENING METAL NORTH NOT APPLICABLE NOT IN CONTRACT NOMINAL NOT TO SCALE ON CENTER OUTSIDE DIAMETER OWNER FURNISHED CONTRACTOR INSTALLED OWNER FURNISHED CONTRACTOR INSTALLED OWNER FURNISHED CONTRACTOR INSTALLED OWNER FURNISHED CONTRACTOR INSTALLED OWNER FURNISHED OVNER FURNISHED OPPOSITE PARTITION PAINT PLATE PLASTIC LAMINATE PLUMB(ING) PLYWOOD PAIR POUNDS/SQUARE INCH PRESSURE TREATED POLYVINYL CHLORIDE RADIUS ROOF DRAIN REFER REFRIGERATOR REINFORCE REQUIRED RIGHT HAND REVERSE ROOM ROUGH OPENING RIGHT OF WAY ROD & SHELF SOUTH SOLID CORE WOOD SCHEDULE SECTION SHEET SIMILAR SPECIFICATION	SQ SS STD STL STO STRUC, S- SUSP SYM SYS TELE TEMP T&G TC TLT TP TV TYP UNO/UON VCT VIF/V.I.F. VWC W W/ WC WD WM W/O WRB WTR WWF	SQUARE STAINLESS STEEL STANDARD STEEL STORAGE STRUCTURAL SUSPENDED SYMMETRICAL SYSTEM TELEPHONE TEMPERED TONGUE & GROOVE TOP OF CURB TOLET TOP OF PAVEMENT TELEVISION TYPICAL UNLESS NOTED OTHERWISE VINYL COMPOSITION TILE VERIFY IN FIELD VINYL WALL COVERING WEST WITH WATER CLOSET WOOD WIRE MOLD BASE, REF: ELECT. WITHOUT WATER RESISTANT WATER WELDED WIRE FABRIC

- 7. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE ALL EXISTING UTILITIES, WHETHER SHOWN IN THE CONTRACT DOCUMENTS OR NOT, AND TO PROTECT THE UTILITIES FROM DAMAGE. REPAIR OR REPLACE UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH PERFORMANCE OF THE WORK AT THE EXPENSE OF THE CONTRACTOR.
- PROVIDE BACK-BLOCKING FOR SUPPORT AND ATTACHMENT OF MOUNTED ITEMS INCLUDING BUT NOT LIMITED TO ARCHITECTURAL WOODWORK, WALL AND/OR CEILING MOUNTED FINISHES, EQUIPMENT AND ACCESSORIES, GRAB BARS, CABINETRY, FIXTURES, SIGNAGE, ETC. COORDINATE LOCATIONS WITH ARCH/OWNER.
- PROVIDE ROUGH-INS AND WIRING FOR DATA AND PHONE OUTLETS WHERE REQUIRED BY OWNER. OWNER'S VENDOR SHALL PROVIDE TERMINAL DEVICES, UNLESS REQUIRED OTHERWISE.

C: MEASUREMENTS & DIMENSIONS

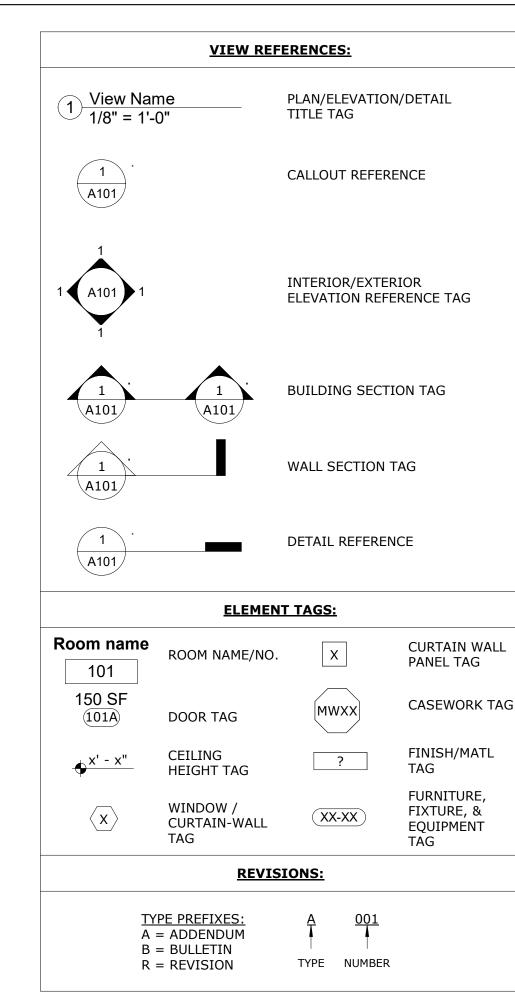
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK AND SHALL INFORM THE ARCHITECT OF DISCREPANCIES AFFECTING PROPER COMPLETION OF THE WORK.
- DO NOT SCALE DRAWINGS TO DETERMINE DIMENSIONS. TAKE WORKING DIMENSIONS FROM THE FIGURED DIMENSIONS, OR BY ACTUAL MEASUREMENTS TAKEN IN THE FIELD. DEVIATION FROM THE DOCUMENTS AND THE DIMENSIONS GIVEN IN THE DRAWINGS MUST BE APPROVED BY THE ARCHITECT IN WRITING PRIOR TO COMPLETION OF THE WORK IN QUESTION.

D: MATERIAL REQUIREMENTS

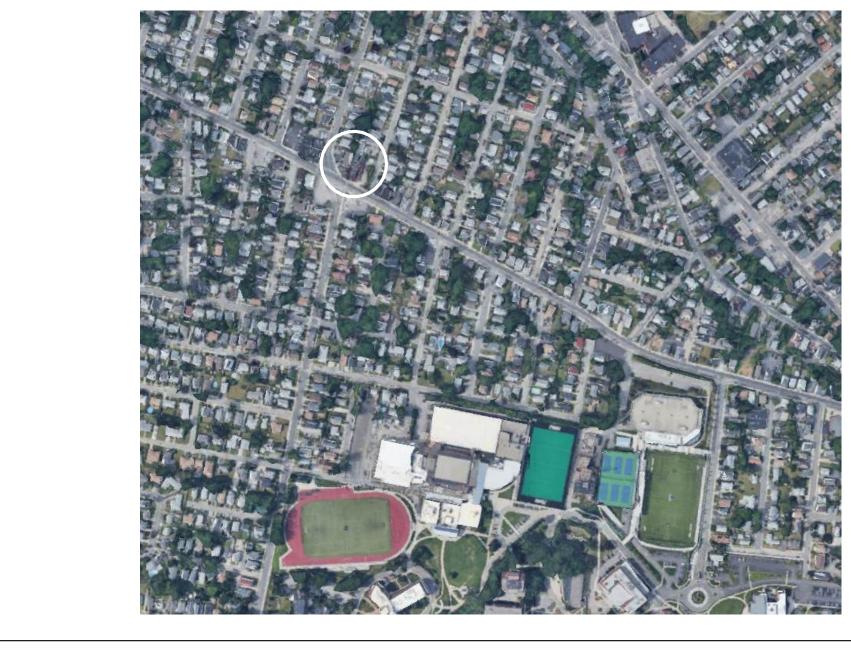
- WOOD IN CONTACT WITH CONCRETE OR STEEL TO BE PRESSURE TREATED.
- COMBUSTIBLE MATERIALS ARE NOT ALLOWED IN CONCEALED SPACES AS DETERMINED 2. BY CODE.
- STRUCTURE SHALL BE RATED AS NOTED ON CODE DRAWINGS. MAINTAIN RATINGS OF FIRE-RATED ASSEMBLIES.
- PAINTING, VARNISHING OR THE USE OF OTHER NOXIOUS SUBSTANCES MUST BE 4. ISOLATED FROM ADJOINING SPACES.
- PROVIDE ATTIC STOCK FOR MATERIALS. COORDINATE QUANTITIES AND SCHEDULE 5. WITH THE OWNER.

E: DEFINITIONS AND METHODOLOGIES

- DIMENSIONS, ANNOTATIONS, NOTES, FINISHES, FIXTURES SHOWN ON TYPICAL FLOOR PLANS, SECTIONS OR DETAILS SHALL APPLY TO SIMILAR, SYMMETRICAL OR OPPOSITE PLANS, SECTIONS OR DETAILS.
- TYPICAL, OR "TYP" MEANS THAT THE CONDITION IS REPRESENTATIVE FOR SIMILAR 2. CONDITIONS THROUGHOUT, UNLESS REQUIRED OTHERWISE.



FINISH TAG LEGEND



THROUGHOUT.

RD.	FINISH	CODES
-		

<u>RD FINISH</u>	CODES
Т	CEILING TILE
	BATH ACCESSORY
	BATHROOM/PLUMBING FIXTURE
	EQUIPMENT
	GLASS
	HARDWARE
	LAMINATE
	METAL
	PAINT/STAIN
	RESILIENT FLOORING
	STONE
	SPECIALTY PRODUCT/SYSTEM
	SOLID SURFACE
	TILE
)	WOOD
<u>E CODES</u>	
	ACCESSORY
	ARTWORK
	CARPET
-	SEATING

SEATING DECORATIVE LIGHTING FABRIC/UPHOLSTERY TABLES/CASEGOODS WINDOW TREATMENT WALL COVERING

NOTE: REFER TO HARD FINISH SCHEDULE AND FFE SPECIFICATIONS FOR PROJECT INFORMATION



SYMBOLS LEGEND

FOOTPRINT AT THE REAR OF THE LOT.

LOCATION MAP

PROJECT DESCRIPTION

APARTMENTS AT 663 ADMIRAL STREET IS A REDEVELOPMENT OF AN UNDERUTILIZED SITE. EXISTING PROPERTY CONSISTS OF THREE LOTS INTENDED TO BE MERGED UNDER AN ADMINISTRATIVE SUBDIVISION. THIS MIXED-USE NEW CONSTRUCTION BUILDING CONSISTS OF 4 STORIES OF TYPE-5B CONVENTIONAL WOOD CONSTRUCTION OVER ONE STORY TYPE-1A CONCRETE PODIUM W/ A BASEMENT, FULLY SPRINKLERED

THE BUILDING CONSISTS OF A TENANT SPACE ON THE GROUND LEVEL AND 48 UNITS ON THE SECOND THROUGH FIFTH LEVELS. PARKING IS LOCATED UNDER THE BUILDING ON THE GROUND LEVEL AND OUTSIDE THE

UNIT BREAKDOWN

	<u>U</u>	NIT TYPE	<u>MATRIX</u>		
	FLOOR 2	FLOOR 3	FLOOR 4	FLOOR 5	TOTAL
TYPE B1	1	1	1	1	4
YPE B1+	1	2	2	2	7
TYPE A	1	0	0	0	1
					12
TYPE B2	4	4	4	4	16
YPE B2+	1	1	1	1	4
					20
TYPE B3	4	4	4	4	16
OTAL BY FLOOR	12	12	12	12	48
PROJECT RE ARE REQUIR	QUIRES (1) 1 ED TO BE TYF	TYPE A UNIT (PE A)	(2% OF	TOTAL UN	IITS = 48

TYPE A UNIT IS UNIT 207.

CLIENT

STRIVE

DS

STRIVE COMPANIES 556 SMITH STREET PROVIDENCE, RI 02908 +1.401.270.8878

ARCHITECT

ZDS inc. 2 CHARLES STREET, SUITE A1 PROVIDENCE, RI 02904 +1.401.680.6699

1405 RHODE ISLAND AVE NW WASHINGTON, DC 20005 +1.202.660.0555

STAMP

CONSULTANT

PROJECT NAME

ADMIRAL ST. MULTI-UNIT DEVELOPMENT

663 ADMIRAL STREET, PROVIDENCE, RI 02908

PROJECT NO. 22028

THESE DRAWINGS ARE FOR THE CONSTRUCTION OF THE PROJECT LISTED ABOVE AND ARE NOT TO BE COPIED IN ANY FORM WITHOUT THE EXPRESS WRITTEN PERMISSION OF ZDS, INC. THE GENERAL CONTRACTOR SHALL NOT SCALE DRAWINGS FOR MEASUREMENTS BUT SHALL VERIFY AT THE SITE ALL LEVELS AND MEASUREMENTS NECESSARY FOR COMPLETE FABRICATION, ASSEMBLY AND INSTALLATION OF THE WORK. MINOR DETAILS OF THE WORK NOT SPECIFICALLY SHOWN ON THE DRAWINGS SHALL BE ASCERTAINED BY THE CONTRACTOR AT THE SITE OF THE WORK, AND SHALL BE ACCOMPLISHED WITH THE INTENT OF THIS PROJECT. REVISIONS

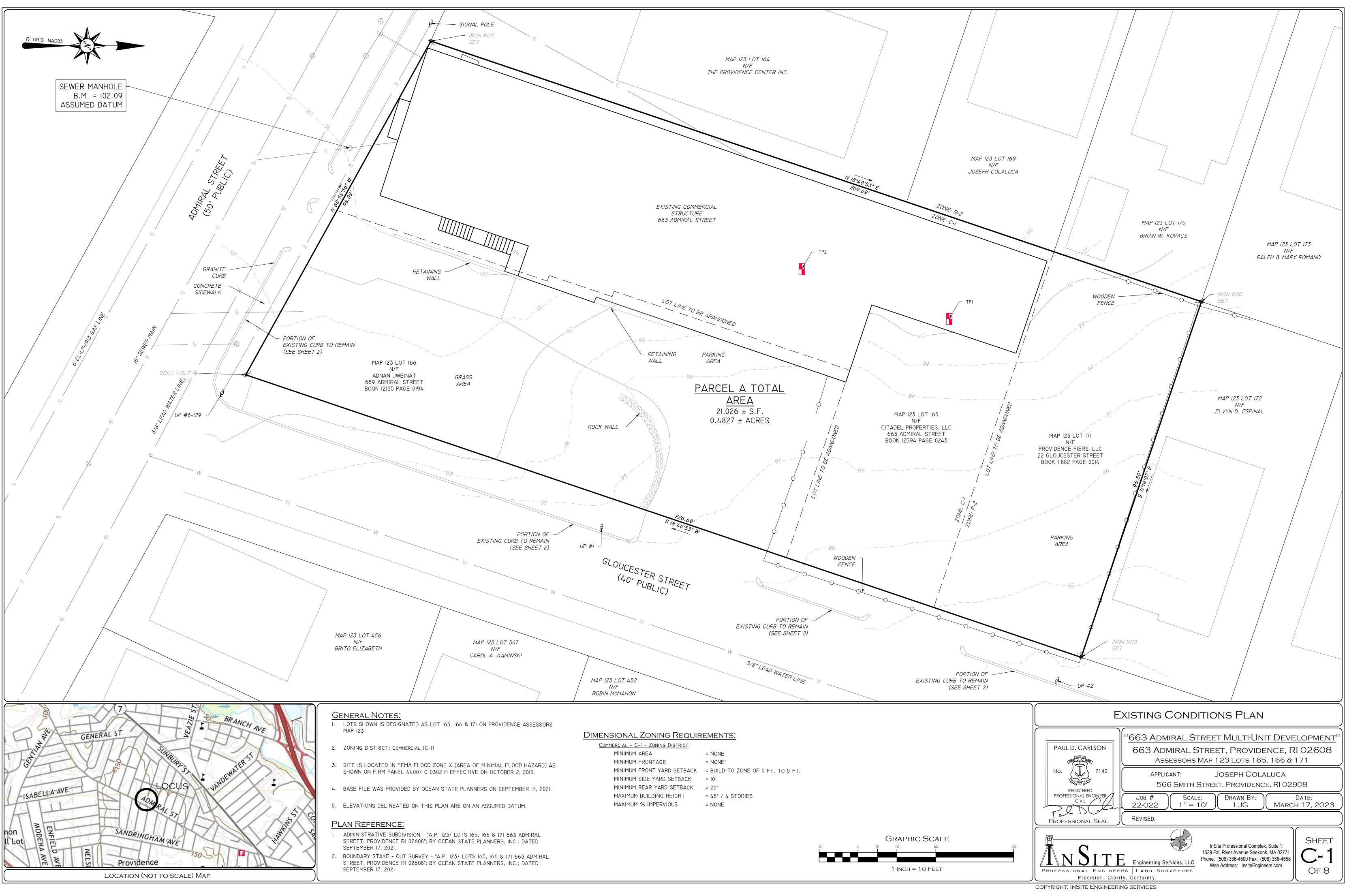
NO. DESCRIPTION DATE CONSTRUCTION DRAWINGS ISSUED DATE:03/17/2023

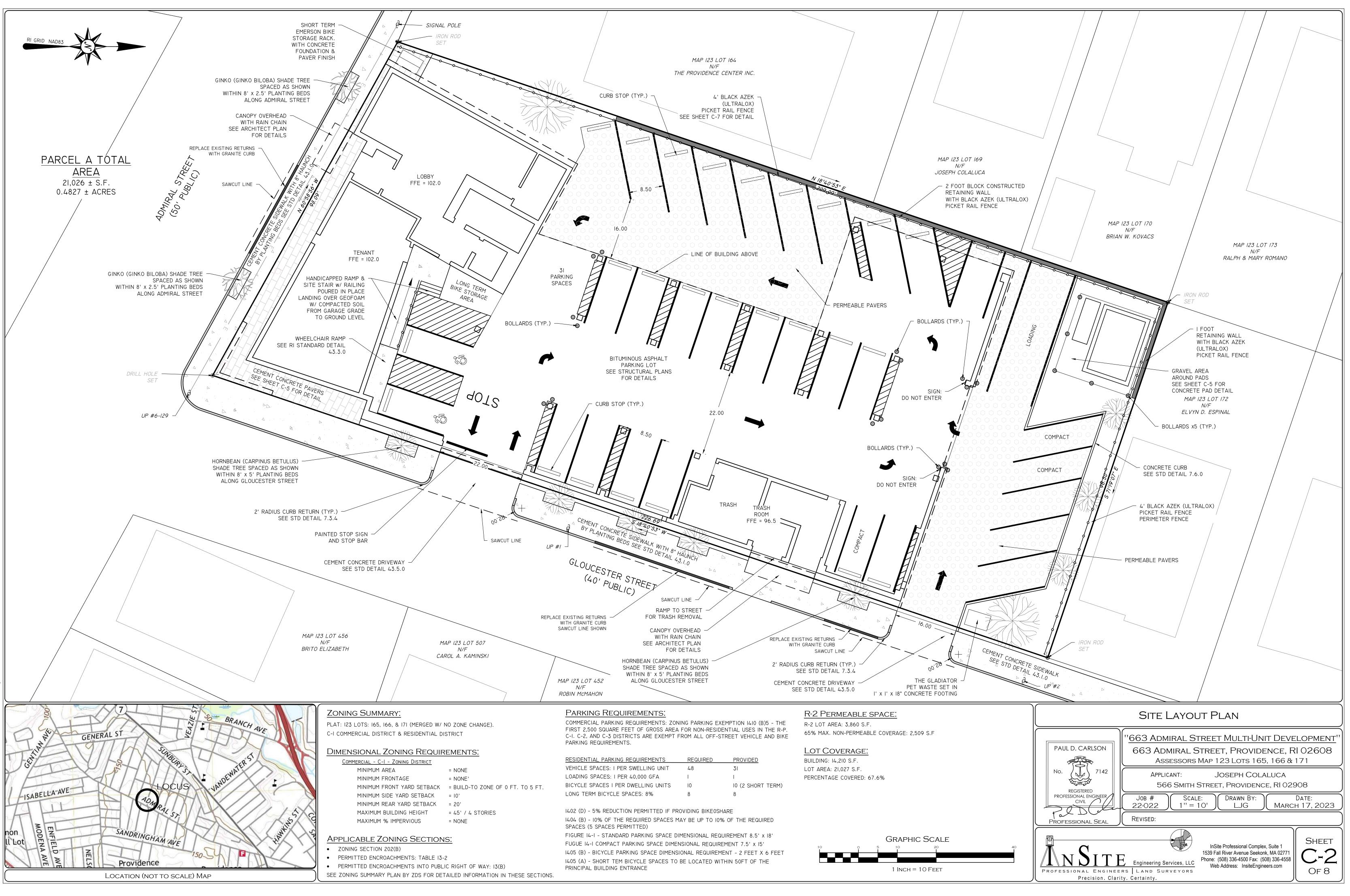
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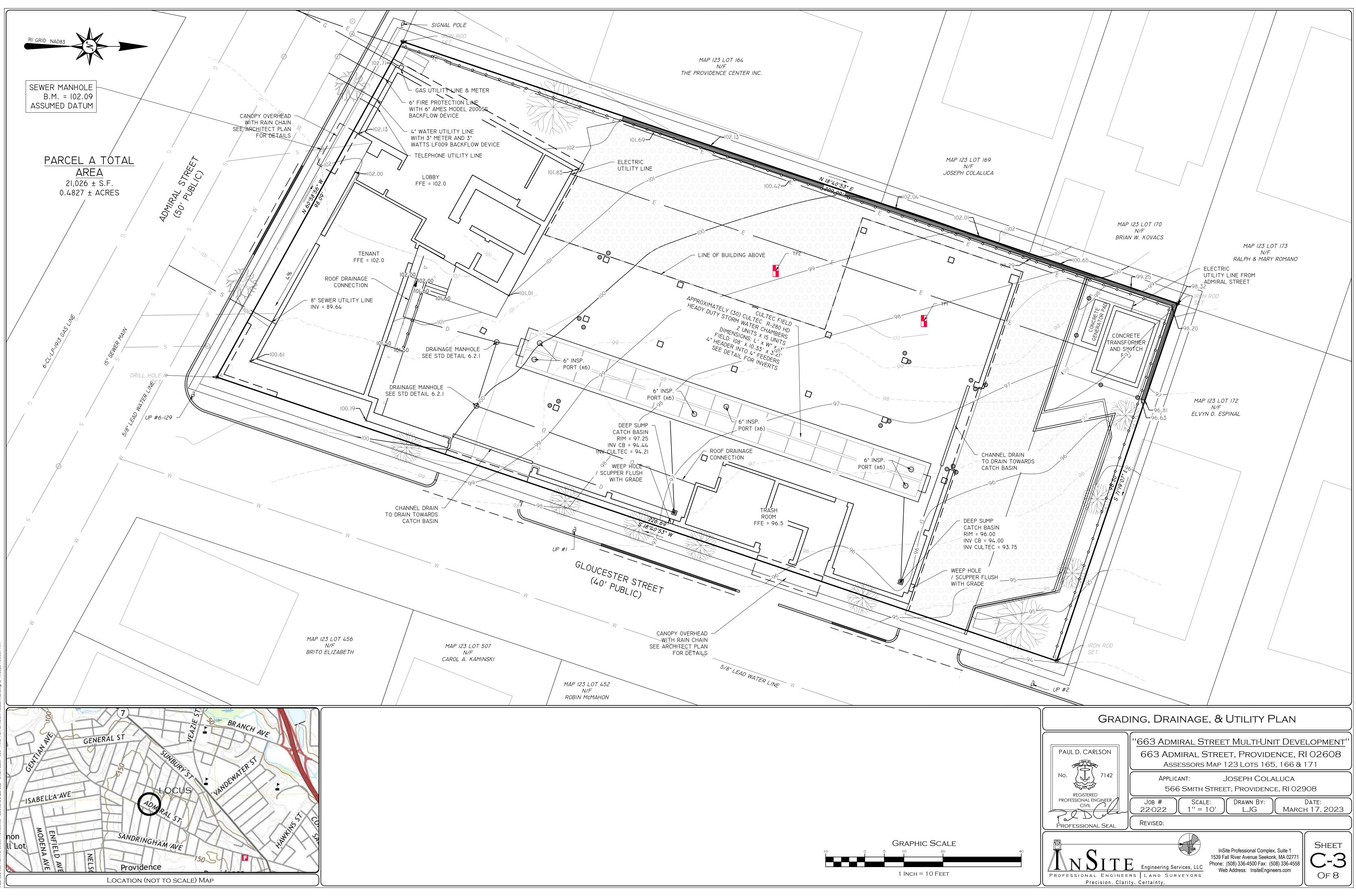
GENERAL INFORMATION

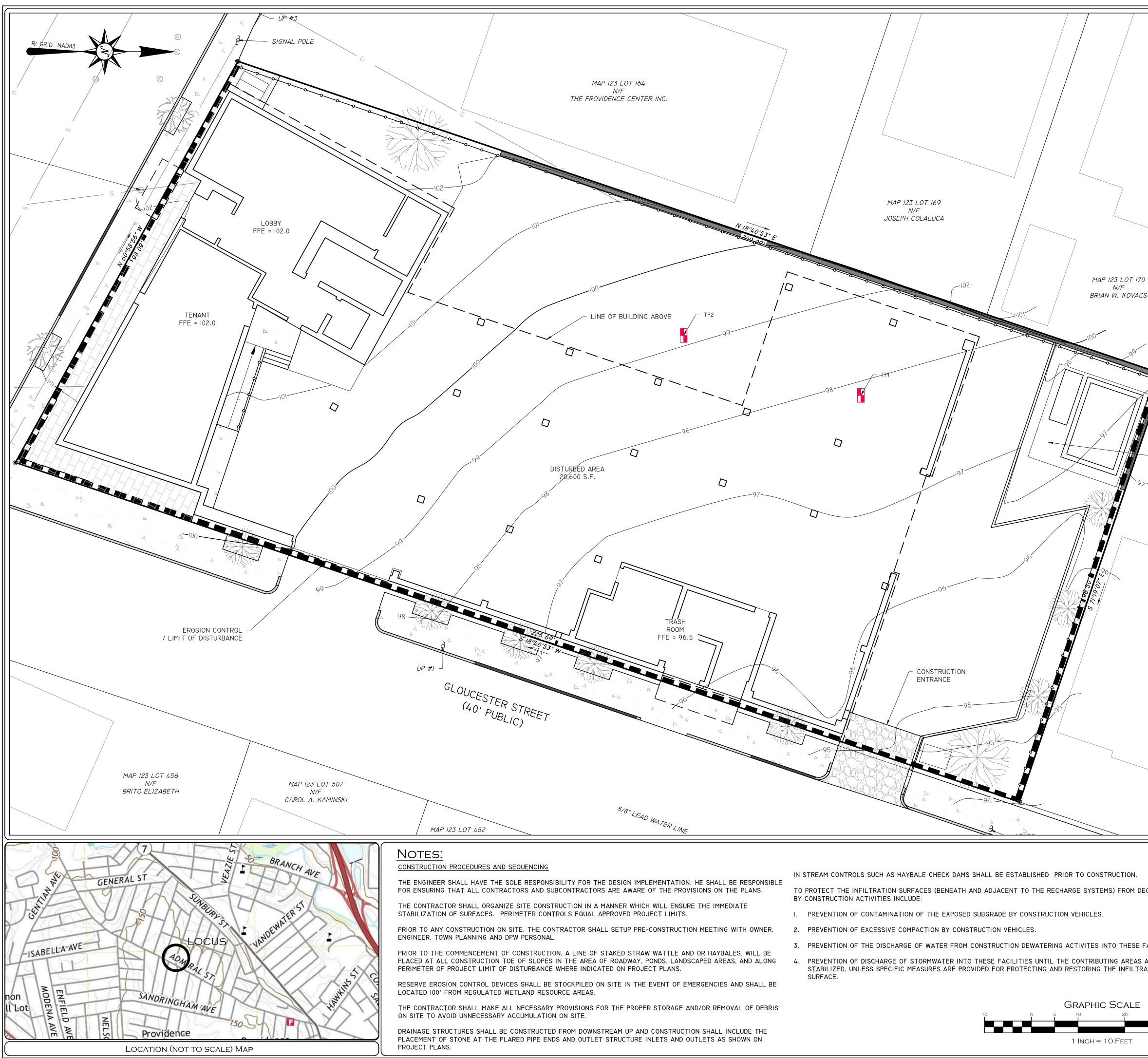
DRAWING NO.

G0.01









EROSION & SEDIMENT CONTROL NOTES:

- I. EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. GRAVEL CONSTRUCTION ENTRANCE WILL BE INSTALLED BEFORE CONSTRUCTION TRAFFIC INTO AND OUT OF PROJECT AREA BEGINS. STABILIZATION OF ALL REGRADED AND SOIL STOCKPILE AREAS WILL BE INITIATED AND MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
- 2. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF PROVIDENCE REGULATIONS. ALL EROSION CONTROL MEASURES ARE TO BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL DURING CONSTRUCTION.
- 3. ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING CONSTRUCTION PERIOD, IF DEEMED NECESSARY BY THE ENGINEER OR TOWN AGENCIES.
- 4. SEED TO APPLIED AT A RATE OF 4 LBS / 1000 S.F. FERTILIZER SHALL BE APPLIED AT A RATE OF 9 LBS / 1000 S.F. PLANTING SEASON SHALL BE APRIL I TO OCTOBER I5. AFTER OCTOBER I5 AREAS NOT SEEDED SHALL BE STABILIZED WITH HAY BALE CHECK, FILTER FABRIC OF WOODEN MULCH AS REQUIRED TO CONTROL EROSION.
- 5. AREAS LEFT BARE BEFORE FINISH GRADING AND SEEDING IS ACHIEVED, SHALL RECEIVE A TEMPORARY SEEDING OF PERENNIAL RYE GRASS APPLIED TO A RATE OF 9 LBS / 1000 S.F. AT A DEPTH OF 1/2". LIMESTONE (EQUIVALENT TO BE 50 % CALCIUM PLUS MAGNESIUM OXIDE) SHALL BE APPLIED AS SEEDBED PREPARATION AT A RATE OF IIO LBS / 1000 S.F.. WHERE GRASS PREDOMINATES, FERTILIZE ACCORDING TO A SOIL TEST AT A MINIMUM APPLICATION RATE OF I LB OF NITROGEN PER 1000 S.F. AREAS TO BE LEFT BARE BEFORE FINISH GRADING AND SEEDING OUTSIDE OF PLANTING SEASONS SHALL RECEIVE AN AIR-DRIED WOOD CHIP MULCH, FREE OF COURSE MATTER, TREATED WITH 12 LBS NITROGEN PER TON, APPLIED AT A RATE OF 185-275 LBS / 1000 S.F.
- 6. CONTRACTOR SHALL BE ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, AND NOTIFY THE PROPER TOWN AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY. THE OWNER SHALL BE RESPONSIBLY FOR CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.
- 7. THE CONTRACTOR SHALL REQUEST THE APPROVING AUTHORITY TO INSPECT AND APPROVE THE INSTALLATION OF ALL EROSION CONTROL MEASURES PRIOR TO THE START OF CONSTRUCTION. PERIODIC INSPECTIONS OF EROSION CONTROL MEASURES MAY BE PERFORMED BY THE AGENT, THE CONTRACTOR SHALL REPAIR, UPGRADE OR REPAIR ANY MEASURES THE AGENT MAY FEEL ARE IN NEED OF SUCH.
- 8. LOAM SHALL BE STOCKPILED IN DESIGNATED AREAS FOR DURATION OF PROJECT. ALL LOAM MATERIAL SHALL BE REUSED ON SITE UPON FINAL GRADING OF SITE. SIX INCHES (6") OF LOAM SHALL BE USED THROUGHOUT THE SITE.
- 9. STOCKPILES OF SOIL SHALL BE SURROUNDED BY A SEDIMENT BARRIER. SOIL STOCKPILES TO BE LEFT BARE FOR MORE THAN FIFTEEN (15) DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION OR MULCH. IF STOCKPILES ARE TO REMAIN FOR MORE THAN SIXTY (60) DAYS, FILTER FABRIC SHALL BE USED IN PLACE OF HAY BALES. SIDE SLOPES SHALL NOT EXCEED 2 : I. STOCKPILES SHALL BE LOCATED AT LEAST 100' FROM REGULATED WETLAND RESOURCE AREAS.
- IO. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AND WIND EROSION THROUGHOUT THE LIFE OF HIS CONTRACT. DUST CONTROL SHALL INCLUDE BUT NOT LIMITED TO SPRINKLING WATER ON EXPOSED SOILS AND HAUL ROADS. CONTRACTOR SHALL CONTROL DUST TO PREVENT A HAZARD TO TRAFFIC ON ADJACENT ROADWAYS.
- II. SEDIMENT SHALL BE REMOVED ONCE THE VOLUME REACHES 1/4 TO 1/2 THE HEIGHT OF THE STRAW WATTLE OR HAY BALE
- 12. DISTURBED AREAS REMAINING IDLE FOR MORE THAN 14 DAYS SHALL BE STABILIZED.
- 13. ALL CONSTRUCTION SEDIMENTATION SHALL BE REMOVED FROM TEMPORARY AND PERMANENT SEDIMENTATION BASINS PRIOR TO COMPLETION OF PROJECT AND ESTABLISHMENT OF ALL SLOPES. BASINS SHALL BE GRADED AND SHAPED TO DESIGN PARAMETERS.
- 14. SURFACE STONE OF THE ACCESS ROAD SHALL BE SCARIFIED ONCE A YEAR TO PREVENT COMPACTION.

NOTES:

THE ENGINEER SHALL PERFORM FREQUENT INSPECTION OF THE STORMWATER SYSTEM DURING CONSTRUCTION, WITH CLEANING AND MAINTENANCE AS WARRANTED. DURING ACTIVE CONSTRUCTION PERIODS, WEEKLY INSPECTION IS REQUIRED.

IF CONSTRUCTION IS SUSPENDED (E.G., OVER THE WINTER), THEN MONTHLY INSPECTIONS ARE REQUIRED. IN ADDITION, THE SYSTEM SHOULD BE CHECKED AFTER ANY SIGNIFICANT RAINFALL, TO INSURE IT IS FUNCTIONING CORRECTLY AND TO MONITOR SEDIMENT ACCUMULATION FROM THE DISTURBED AREAS OF THE SITE.

ROUGH GRADING

DURING GRADING, THE POTENTIAL FOR EROSION IS HIGH. DURING GRADING OPERATIONS, DISTURBED SLOPES WILL BE MULCHED AND VEGETATION ESTABLISHED TO PREVENT SEDIMENT EROSION TO THE SATISFACTION OF THE ENGINEER.

OPERATION & MAINTENANCE PLAN

THIS PLAN SHOULD BE USED IN CONJUNCTION WITH SEPARATE OPERATIONS AND MAINTENANCE PLAN DOCUMENT

THIS PLAN SHOULD BE USED IN CONJUNCTION WITH SEPARATE STORMWATER POLLUTION PREVENTION PLAN DOCUMENT

THE MAINTENANCE AND UPKEEP ON THE EXISTING ROADWAY WILL INCLUDE THE FOLLOWING ELEMENTS:

CONSTRUCTION VEHICLES SHALL BE LIMITED TO ONE ACCESS POINT ON EACH LOT WHERE A CRUSHED-STONE CONSTRUCTION PAD ENTRANCE SHALL BE INSTALLED IN THE AREA OF THE PERMANENT DRIVEWAY TO ENSURE THAT MUD AND DEBRIS ARE NOT TRACKED ONTO THE ROADWAY. IF MUD IS INADVERTENTLY TRACKED ONTO THE ROAD, IT SHOULD BE REMOVED PROMPTLY.

GENERAL MAINTENANCE OF EROSION CONTROL ELEMENTS INCLUDING REGRADING, REVEGETATION, REPLACING RIPRAP, ETC., ON AN AS NEEDED BASIS.

INFILTRATION FACILITY AND CATCH BASINS WILL BE INSPECTED SEMI-ANNUALLY BY THE OWNER AND WILL BE MAINTAINED AS REQUIRED.

BUILD UP OF SEDIMENTATION AND DEBRIS SHALL BE MONITORED AND REMOVED ON A SEMI-ANNUALLY BASIS IN ORDER TO KEEP THE DISCHARGES AND FLOWS INTO THE INFILTRATION FACILITY FUNCTIONING PROPERLY.

ALL STORMWATER MANAGEMENT SYSTEMS MUST HAVE AN OPERATION AND MAINTENANCE PLAN TO ENSURE THAT SYSTEMS FUNCTION AS DESIGNED.

THE OWNER WILL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM AND ALL OF ITS APPURTENANCES. THE FOLLOWING MAINTENANCE PROGRAM SHALL BE IMPLEMENTED:

THE OWNER SHALL KEEP A WRITTEN RECORD OF INSPECTION DATES AND FINDINGS, MAINTENANCE OPERATIONS, AND ALL REPAIRS. AN INSPECTION/MAINTENANCE CHECKLIST SHALL BE USED IN THE SPECIFIED INSPECTIONS. RECORDS OF INSPECTIONS AND MAINTENANCE SHALL BE KEPT FOR AT LEAST THREE YEARS, AND AVAILABLE ON REASONABLE NOTICE FOR INSPECTION BY THE APPROPRIATE TOWN AGENCY.

	EROSION & SEDIMENT CONTROL PLAN
DEGRADATION	PAUL D. CARLSON 663 ADMIRAL STREET, PROVIDENCE, RI 02608 Assessors Map 123 Lots 165, 166 & 171
FACILITIES. S ARE RATION	No. 7142 REGISTERED PROFESSIONAL ENGINEER CIVIL JOB # SCALE: DRAWN BY: LJG DATE: MARCH 17, 2023 REVISED:
40	InSite Professional Complex, Suite 1 InSite Professional Complex, Sui

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GENERAL

1. THE GENERAL CONTRACTOR SHALL PROVIDE ANY NEW FIELD INFORMATION AS THE CONTRUCTION WORK PROGRESSES AND SHALL FOLLOW ANY MODIFICATIONS TO THE DESIGN AS A RESULT OF UNANTICIPATED FIELD CONDITIONS.

2. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AS THEY RELATE TO NEW CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ARCHITECT AND/OR ENGINEER PRIOR TO THE PREPARATION OF SHOP DRAWINGS AND CONSTRUCTION.

3. ALL WORK SHALL BE COORDINATED WITH THE ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS. ANY INTERFERENCES OR CONFLICTS IN DIMESIONS SHALL BE REPORTED TO THE ARCHITECT AND/OR ENGINEER PRIOR TO THE START OF CONSTRUCTION.

4. THE GENERAL CONTRACTOR SHALL REVIEW SHOP DRAWINGS FOR ALL APPLICABLE TRADES AND COORDINATE THEM BETWEEN DISCIPLINES PRIOR TO SUBMITTING THEM FOR ENGINEER REVIEW AND COMMENT. MATERIAL SHALL NOT BE FABRICATED NOR DELIVERED TO THE CONSTRUTION SITE UNTIL THE ENGINEER HAS REVIEWED THE SHOP DRAWINGS.

5. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE ALL NECESSARY SHORING OR TEMPORARY SUPPORT OF THE STRUCTURE FOR EACH CONSTRUCTION PHASE.

6. DETAILS, SECTIONS AND NOTES CONTAINED IN THESE STRUCTURAL DRAWINGS SHALL BE TYPICAL FOR ALL SIMILAR CONDITIONS (U.O.N.)

7. SPECIAL INSPECTION REQUIRED FOR SUBGRADE, CONCRETE AND STEEL PER IBC CHAPTER 17 AND CMR. OWNER SHALL HIRE SPECIAL INSPECTION COORDINATOR, TESTING LAB AND INSPECTION FIRM TO COMPLETE REPORTS REQUIRED BY CODE AND COORDINATE TIMES TO REVIEW INSPECTION WITH CONTRACTOR. SPECIAL INSPECTION COORDINATOR SHALL CREATE DOCUMENT LISTING ALL REQUIREMENTS OF GEOTECH, TESTING LAB, AND INSPECTION AGENCY AND SHALL FILE SAID REPORTS WITH BUILDING OFFICIAL AND CONTRACTOR AS REQUIRED BY CODE.

DESIGN LOADS AND CRITERIA

DESIGN CODE: ASCE 7-16, 2021 RI BUILDING CODE (SBC-1), 2018 IBC OCCUPANCY CATEGORY: II

		JND SNOW LOAD, p	-			35 PSF
	FLAT	ROOF SNOW LOAD,	p=0.7(Ce)(Ct)(Is)(p	og)		27 PSF
	DESIC	GN SNOW LOAD				30 PSF
SNOW LOADS	SNO	V EXPOSURE FACTO	R, Ce			1.0
		MAL FACTOR, Ct				1.1
					40.00	1.0
	SNUV	N DRIFT (WHERE AP	PLIES		48 P3	SF (78 PSF TOTAL)
	ULTIN	MATE WIND SPEED (Vult)			130 MPH
		D IMPORTANCE FAC				1.0
		D EXPOSURE				В
		DUPLIFT PRESSURES			S	EE DIAGRAMS
		CLADDING PRESSU		AIN / EC	DGE)	
			10		:	±38 / ±47 PSF
			20		-	±37 / ±44 PSF
		AREA (SF)	50			±34 / ±40 PSF
WIND LOADS			100			±33 / ±37 PSF
			> 500			±29 / ±29 PSF
	WIND	CLADDING PRESSU	IRES ON ROOF (MA	IN / ED	GE / CO	RNER)
			10		±37	/ ±62 / ±93 PSF
			20		±36	5 / ±55 / ±77 PSF
		AREA (SF)	50		±35	6 / ±47 / ±56 PSF
			> 100		±34	/ ±40 / ±40 PSF
			N-S			145 KIPS
	WINE	D BASE SHEAR	E-W			340 KIPS
			1			
	SEISN	/IC IMPORTANCE FA	ACTOR, le			1.0
	SPEC	TRAL RESPONSE ACC	CELERATION, Ss			0.176
	SPEC	TRAL RESPONSE ACC	CELERATION, S1			0.062
	LONG	G-PERIOD TRANSITIC	NAL PERIOD, TL			6 SEC
	SITE	CLASS				С
	DESIC	GN SPECTRAL RESPO	NSE COEFFICIENT,	Sds		0.153
	DESIC	GN SPECTRAL RESPO	NSE COEFFICIENT,	Sd1		0.062
	SEISN	/IC DESIGN CATEGO	PRY			А
SEISMIC LOADS		C SEISMIC FORCE TING SYSTEM	GROUND TO U/S	S 2ND	SPECI	EL SYSTEMS NOT FICALLY DETAILED EISMIC RESISTANCI
			2ND TO ROO)F	LIGH	IT-FRAME WOOD
						WALLS
	SEISN	/IC BASE SHEAR	N-S			55 KIPS
	DECE	ONSE	E-W			55 KIPS
	-	ONSE IFICATION	GROUND TO U/S	S 2ND		R=3
		FICIENT, R	2ND TO ROO	DF		R=6.5
		/IC RESPONSE	GROUND TO U/S	S 2ND		0.01
	COEF	FICIENT, Cs	2ND TO ROO	DF		0.01
	ANAL STAG	YSIS PROCEDURE: E	QUIVALENT LATER	AL FORC	CE PROC	CEDURE (TWO
	JIAG	-1				
GEOTECHNICAL		GN LOAD BEARING V ORT BY "RMA ENVIR 4/7/				4,000 PSF
FROST	PER L	OCAL BUILDING CO	DES			3'-4" MIN
		LOADING	SCHEDULE	1		
OCCUPANCY		SUPERIMPOSED DEAD LOAD (PSF)	LIVE LOAD (PSF)	LIVE L REDUG		CONCENTRATED LOAD (LBS)
ORRIDORS ABOVE 1ST	FLOOR	30	100	N	0	-
ROUND FLOOR LOBBI	ES AND	30	100	N	0	-
UBLIC AREAS						

100

20

40

NO

NO

YES

-

300

40

20

15

STAIRS

ROOF

RESIDENTIAL

CONCRETE

1. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING ALL REBAR LOCATIONS, CONTROL JOINTS, CONSTRUCTION JOINTS, AND ISOLATION JOINTS FOR SLABS ON GRADE PRIOR TO CONCRETE PLACEMENT. CONCRETE PLACEMENT SHALL NOT BEGIN UNTIL THESE DRAWINGS HAVE BEEN REVIEWED BY THE ENGINEER.

2. ALL CONCRETE SHALL BE NORMAL WEIGHT (U.O.N.)

- 3. 28 DAY COMPRESSIVE STRENGTH FOR CONCRETE SHALL BE:
- A. FOOTINGS: 3000 PSI B. SLAB ON GRADE: 3500 PSI & 0.45 MAX. W/C RATIO (SINCE VAPOR BARRIER DIRECTLY BELOW)
- C. WALLS: 4000 PSI
- D. ELEVATED SLABS: LW CONC: 3500 PSI

4. ALL REINFORCING BARS SHALL BE OF NEW BILLET STEEL CONFORMING TO ASTM A615, GRADE 60.

5. ALL CONTINUOUS REINFORCING BARS SHALL BE LAPPED IN ACCORDANCE WITH THE "DEVELOPMENT LENGTH AND SPLICE TABLE" OR 48 BAR DIAMETERS (MINIMUM).

6. ALL WELDED WIRE FABRIC (W.W.F.) SHALL CONFORM TO ASTM A185. LAP 2 SQUARES

AT ALL JOINTS AND TIE @ 3'-0" O.C. 7. ALL REINFORCING STEEL SHALL BE PLACED TO PROVIDE THE FOLLOWING MINIMUM

- CONCRETE COVER:
- A. BEAMS TO STIRRUPS: 1 ½" INTERIOR | 2 ½" EXTERIOR B. COLUMNS: 1 ½" TO TIES
- C. FOOTINGS: 3"
- D. FOUNDATION WALLS/GRADE BEAMS: 2" AT EXT. FACE, 1-1/2" AT INT. FACE
- E. WALLS NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: 3/4"
- E. FRAMED SLABS: 1" TOP | ¾" BOTTOM | 1½" EXTERIOR F. PIERS AND PILASTERS: 2" TO TIES
- G. SLABS-ON-GRADE: 1 ½" TOP (U.O.N.) H. SLABS ON STEEL DECK: 1" – TOP

8. NO BARS SHALL BE CUT OR OMITTED IN THE FIELD BECAUSE OF SLEEVES, DUCT OPENINGS, OR RECESSES. BARS MAY BE MOVED ASIDE WITHOUT CHANGE IN LEVEL WITH THE ENGINEER'S APPROVAL.

9. ENGINEER'S APPROVAL IS REQUIRED FOR ALL PIPE PENETRATIONS THROUGH CONCRETE THAT DO NOT CONFORM TO THE TYPICAL DETAILS SHOWN ON THE TYPICAL DETAIL SHEETS. SLEEVES SHALL NOT BE PLACED IN CONCRETE BEAMS WITHOUT WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.

10. ALL KEYS SHALL BE 2" x 4" WITH BEVELED SIDES (U.O.N.).

11. ALL REBAR LAP SPLICES SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE ACI 318-14.

12. DETAILS NOT SHOWN ON THE DRAWINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI DETAILING MANUAL 315.

13. FOR AREAS OF EXPOSED CONCRETE WALL OR EXPOSED STEEL COLUMNS ENCASED IN CONCRETE, PROVIDE PROPER FORMWORK/LINER SUCH THAT FINISH IS CLEAN AND OF ARCHITECTURAL QUALITY. COORDINATE WITH ARCH DETAILS WHERE WALL IS EXPOSED AND WHERE FINISH IS DESIRED.

STRUCTURAL STEEL

1. STEEL CONSTRUCTION SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATIONS AND ITS CODE OF STANDARD PRACTICE.

2. MATERIALS FOR STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS:

- A. STRUCTURAL CHANNEL SHAPES (C & MC): ASTMA572, GRADE 50
- B. STRUCTURAL WIDE FLANGE SHAPES (W & WT): ASTM A992 (50 KSI) C. STRUCTURAL HSS TUBE:
- ASTM A500, GRADE B/C (46/50 KSI) D. STRUCTURAL HSS PIPE: ASTM A500, GRADE B (42 KSI)
- E. MISC. STEEL (ANGLES, PLATES & BARS): ASTM A36
- 3. ANCHOR BOLTS SHALL BE OF F1554 (GRADE 55) STEEL

4. ALL STEEL WITH EXTERIOR EXPOSURE SHALL RECEIVE A MINIMUM OF FIELD APPLIED FINISH COAT AFTER PRIMER TOUCH UP. FINISH COAT SHALL BE EPOXY BASED WITH A MIN THICKNESS OF 2.0 MILS. IT IS PREFERRED THAT ALL STEEL IS GALVANIZED - CONTRACTOR SHALL DETERMINE STEEL FINISH.

5. STRUCTURAL STEEL FRAME SHALL BE LEVEL AND PLUMB PRIOR TO COMPLETING CONNECTIONS.

6. ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH STANDARDS OF THE AMERICAN WELDING SOCIETY. ELECTRODES MUST MEET E70XX SERIES REQUIREMENTS. LOW HYDROGEN, WITH MINIMUM TENSILE STRESS OF 70,000 PSI.

7. ALL WELDERS ARE TO BE LICENSED AND CERTIFIED TO AWS STANDARDS OR THOSE REQUIRED BY APPLICABLE BUILDING CODE.

8. ALL BOLTED CONNECTIONS SHALL BE MADE USING 3/4" DIAMETER A325-TC BOLTS INSTALLED IN ACCORDANCE WITH "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR 490 BOLTS", UNLESS OTHERWISE DETAILED.

9. ALL STEEL CONNECTIONS, INCLUDING SHEAR, MOMENT AND BRACE FRAME CONNECTIONS SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF RHODE ISLAND. SUBMIT STAMPED DRAWINGS AND CALCULATIONS FOR REVIEW BY THE ENGINEER OF RECORD.

10. STEEL CONNECTIONS SHALL BE DESIGNED BY FABRICATOR'S ENGINEER AND STAMPED CALCS SHALL BE SUBMITTED PRIOR TO SHOP DRAWINGS. END REACTIONS FOR SHEAR CONNECTIONS TO BE DESIGNED IN ACCORDANCE WITH THE FOLLOWING TABLE:

		ACTIONS CONNECTIONS	
BEAM SIZES	MIN REQ'D SHEAR CAPACITY (ASD)	BEAM SIZES	MIN REQ'D SHEAF CAPACITY (ASD)
W8X10-W8X18 W10X12-W10X15	10 K	W14X68+ W16X67+	
W8X21-W8X28 W10X17-W10X26 W12X14-W12X19	25 К	W18X60-W18X71 W21X55-W21X62	70 K
W8X31+ W10X30-W10X45 W12X22-W12X30 W14X22-W14X30	30 K	W18X76+ W21X68-W21X73 W24X55-W24X68	90 K
W10X49+ W12X35-W12X58 W14X34-W14X48 W16X26-W16X40	40 K	W21X83+ W24X76-W24X94 W27X84-W27X94 W30X99	110 К
W12X65+ W14X53-W14X61 W16X45-W16X57 W18X35-W18X55 W21X44-W21X50	50 K	OTHERS	SEE PLANS

WOOD

1. ALL WORK SHALL BE IN CONFORMANCE WITH THE AFPA STANDARDS AND SPECIFICATIONS.

2. DIMENSIONAL LUMBER USED IN A STRUCTURAL CAPACITY SHALL BE SPRUCE PINE FIR #2 OR BETTER WITH THE FOLLOWING MINIMUM PROPERTIES: Fb = 775 PSI, Fv = 135 PSI, E = 1.100.000 PSI

3. PARALLAM PSL HEADERS AND BEAMS OR ANTHONY POWER BEAMS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fb = 3,100 PSI, Fv = 290 PSI, E = 2,000,000 PSI

4. PARALLLAM PSL COLUMNS OR ANOTHY POWER COLUMNS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:

Fb = 2,400 PSI, Fc = 2,500 PSI, E = 1,800,000 PSI

5. LAMINATED VENEER LUMBER (LVL) MEMBERS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fb = 3,100 PSI, Fv = 300 PSI, E = 2,000,000 PSI

6. ANY WOOD IN DIRECT CONTACT WITH CONCRETE, EXPOSED TO UNHEATED BASEMENT AND CRAWL SPACES, OR EXPOSED TO THE EXTERIOR SHALL BE PRESSURE TREATED.

7. ALL FASTENERS SHALL BE IN CONFORMANCE WITH THE FASTENING SCHEDULE IN IBC LATEST EDITION. SEE TABLE 2304.9.1 FOR MIN FASTENING SCHEDULE.

8. ALL NAILS ARE TO BE COMMON NAILS.

9. FASTENERS EXPOSED TO THE WEATHER SHALL BE GALVANIZED OR STAINLESS STEEL. ALL WOOD POST CAPS AND BASE CONNECTIONS SHALL BE APPROVED GALV. "SIMPSON'S" POST CAP AND BASE PREFABRICATED ASSEMBLIES, UNLESS OTHERWISE NOTED. SUBMIT SHOP DRAWINGS FOR REVIEW.

10. BORED OR CUT HOLES SHALL NOT BE CUT OR BORED MORE THAN 1/3 OF THE DEPTH OF ANY LOAD BEARING STUD WITHOUT REINFORCEMENT. EDGES OF ANY HOLES SHALL BE LOCATED AT A MINIMUM OF 5/8" FROM THE STUD EDGE. BORED HOLES SHALL NOT BE LOCATED AT A CUT OR NOTCH IN THE STUD. ALL SLEEVES SHALL BE IN ONE PIECE, WITH A MINIMUM EXTENSION OF FOUR INCHES ABOVE AND BELOW THE HOLE ON THE WIDE FACE OF THE STUD.

11. ALL WALLS SHALL BE CAPPED WITH DOUBLE TOP PLATES INSTALLED TO PROVIDE OVERLAPPING CORNERS AND INTERSECTIONS. TOP PLATE JOINTS SHALL BE OFFSET NOT LESS THAN 48 INCHES.

COMPOSITE FLOOR CONSTRUCTION

1. THE COMPOSITE FLOOR CONSTRUCTION SHALL BE 4 1/2" L.W. CONCRETE (f'c = 4000 PSI) OVER 3" COMPOSITE STEEL DECK (7 1/2" TOTAL), U.O.N. ON THE PLANS. THE SLAB SHALL BE REINFORCED WITH 6x6-W2.1XW2.1 WELDED WIRE FABRIC SUPPORTED ON CHAIRS PROVIDING 1 1/2" COVER.

2. THE COMPOSITE FLOOR SLAB SHALL BE REINFORCED OVER GIRDER LINES WITH #4 REBAR x 7'-0" LONG SPACED AT 12" O.C. BARS SHALL BE CENTERED OVER BEAM LINES AND PLACED ON TOP OF THE WELDED WIRE FABRIC

3. FLOOR DECK SHALL BE 18 GAGE 3" DEEP GALVANIZED COMPOSITE DECK AND SHALL BE CONTINUOUS OVER A MINIMUM OF 2 SPANS.

4. SHEAR CONNECTORS SHALL BE HEADED STUD TYPE, ASTM A108 GRADE 1015 OR 1020 COLD FINISHED CARBON STEEL. THEY SHALL BE 3/4" DIA. UNLESS NOTED OTHERWISE.

5. FOR W27 BEAMS AND DEEPER, PROVIDE (2) SHEAR STUDS AT A MAXIMUM OF 1'-0" OC, U.O.N. FOR ALL OTHER BEAMS, PROVIDE SHEAR STUDS AT MAXIMUM SPACING OF 1'-0" O.C. U.O.N.. EVEN IF THIS EXCEEDS THE NUMBER CALLED FOR ON THE DRAWINGS. SHEAR STUDS SHALL BE SPACED UNIFORMLY ALONG THE TOP FLANGE OF THE BEAM AND SHALL BE INSTALLED BY AN EXPERIENCED ERECTOR WHO KNOWS PROPER SEQUENCE (ENDS FIRST, STRONG VS WEAK, ETC).

6. POUR STOPS AND CELL CLOSURES SHALL BE PROVIDED AT ALL SLAB EDGES. MINIMUM OVERHANG AND POUR STOP THICKNESSES SHOULD CONFINE TO ANSI/SDI-C-2011, USER NOTE ATTACHMENT 1, OR PER TYPICAL DETAILS PRESENTED IN THESE DRAWINGS, WHICHEVER IS MORE CONSERVATIVE. PROVIDE ADDITIONAL REINFORCEMENT FOR SLAB EDGES EXTENDING 6" OR MORE PAST EDGE OF STEEL BEAM FLANGE AS PER CALCULATIONS.

FOUNDATION

1. STRUCTURES WORKSHOP DESIGNED THE FOUNDATION USING BEARING VALUES PER THE GEOTECH REPORT.

2. ALL FOOTINGS SHALL BE PLACED DIRECTLY ON VIRGIN SOIL, OR CERTIFIED COMPACTED FILL AS DIRECTED BY THE GEOTECHNICAL REPORT. ALL SUBGRADE WORK SHALL FOLLOW GEOTECHNICAL REPORT REQUIREMENTS.

3. ALL EXTERIOR FOOTINGS SHALL BE PLACED A MINIMUM OF 4'-0" BELOW FINAL GRADE WHEN BEARING ON SOIL. ALL BOTTOM OF FOOTING ELEVATIONS ARE SUBJECT TO CHANGE UPON INSPECTION OF SOIL CONDITION. ELEVATION OF ADJACENT FOOTINGS SHALL VARY ON A SLOPE NOT STEEPER THAN ONE VERTICAL TO TWO HORIZONTAL.

4. DIFFERENTIAL BACKFILL AGAINST FOUNDATION WALLS SHALL NOT EXCEED TWO FEET UNTIL TOP BRACING SLAB OR FRAMEWORK HAS BEEN IN PLACE FOR A MINIMUM OF THREE DAYS. CANTILEVERED RETAINING WALLS MAY BE BACKFILLED 28 DAYS AFTER CONCRETE PLACEMENT, BUT IN NO CASE SHALL DIFFERENTIAL OF BACKFILL, BETWEEN OPPOSITE SIDES OF THE WALL, EXCEED THE FINAL DESIGN DIFFERENTIAL.

5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHERE BOTTOM OF FOOTING ELEVATION IS CHANGED AND OBTAIN REVISED DESIGN OF THE FOUNDATION AND RETAINING WALLS AS REQUIRED.

6. ALL CONCRETE SHALL BE MIXED, TRANSPORTED, AND PLACED IN ACCORDANCE WITH ACI STANDARDS 318, 304, 301.

POST-INSTALLED ADHESIVE ANCHORS INTO MASONRY

1. ANCHORING ADHESIVES FOR USE IN GROUT-FILLED AND HOLLOW CONCRETE MASONRY UNITS (CMU) SHALL BE QUALIFIED PER ICC ES AC58. ADHESIVE ANCHOR DESIGN SHALL BE IN ACCORDANCE WITH ALLOWABLE STRESS DESIGN PROCEDURES.

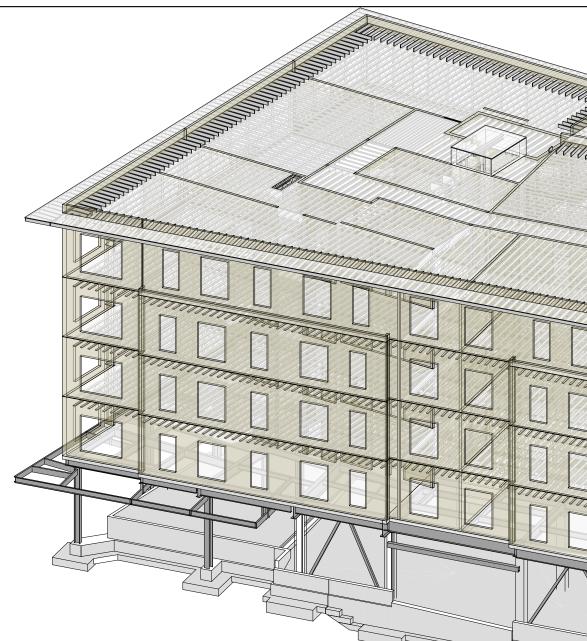
2. ANCHORING ADHESIVES FOR USE IN BRICK MASONRY FOR IMPROVEMENTS TO THE LATERAL FORCE RESISTING SYSTEMS OF EXISTING STRUCTURES SHALL BE QUALIFIED PER ICC ES AC60. ADHESIVE ANCHOR DESIGN SHALL BE IN ACCORDANCE WITH ALLOWABLE STRESS DESIGN PROCEDURES.

3. NO ADHESIVE ANCHORS SHALL BE INSTALLED UNTIL THE MASONRY HAS REACHED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH AND IS AT LEAST 7 DAYS OLD. ALLOWABLE CAPACITY OF ADHESIVE ANCHORS INSTALLED INTO MASONRY WITH COMPRESSIVE STRENGTH LESS THAN THE SPECIFIED 28-DAY COMPRESSIVE STRENGTH SHALL BE BASED ON THE STRENGTH OF MASONRY AT THE TIME OF ANCHOR LOADING.

4. ALL ADHESIVE ANCHOR INSTALLATIONS SHALL BE SUBJECT TO CONTINUOUS SPECIAL INSPECTION.

5. ADHESIVE ANCHORS INSTALLED IN BRICKWORK OR HOLLOW CMU SHALL INCORPORATE THE USE OF THE ANCHORING ADHESIVE MANUFACTURER'S RECOMMENDED SCREEN TUBE.

- 6. ACCEPTABLE ANCHORING ADHESIVES FOR GROUT-FILLED CMU BASE MATERIALS SHALL BE ONE OF THE FOLLOWING: a. AT-XP, SET-XP, OR ET-HP AS MANUFACTURED BY SIMPSON STRONG-TIE CO.
- b. HIT-HY 270, OR HIT-HY 200 AS MANUFACTURED BY HILTI CORPORATION
- 7. ACCEPTABLE ANCHORING ADHESIVES FOR BRICK MASONRY BASE MATERIALS SHALL BE ONE OF THE FOLLOWING: a. AT, SET, OR ET-HP AS MANUFACTURED BY SIMPSON STRONG-TIE CO.
- b. HIT-HY 270 AS MANUFACTURED BY HILTI CORPORATION c. T308+ AS MARKETED BY POWERS FASTENERS
- 8. ACCEPTABLE ANCHORING ADHESIVES FOR HOLLOW CMU BASE MATERIALS SHALL BE ONE OF THE FOLLOWING:
- a. AT, SET, OR ET-HP AS MANUFACTURED BY SIMPSON STRONG-TIE CO. b. HIT-HY 270 AS MANUFACTURED BY HILTI CORPORATION



AXONOMETRIC VIEW

SCALE:

GENERAL PROVISIONS FOR ADHESIVE ANCHORS

1. ALL ADHESIVE ANCHOR INSTALLATIONS SHALL BE IN STRICT ACCORDANCE WITH THE ANCHORING ADHESIVE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII). INSTALLATION PROCEDURES SHALL INCLUDE USE OF ALL MANUFACTURER-RECOMMENDED ACCESSORIES.

2. THE DESIGN OF ADHESIVE ANCHORS IS BASED ON THE ASSUMPTION THAT ANCHORING ADHESIVES WILL BE INSTALLED INTO DRY BASE MATERIALS. THE CONTRACTOR/ADHESIVE ANCHOR INSTALLER SHALL NOTIFY THE STRUCTURAL ENGINEER OF RECORD AND AWAIT AUTHORIZATION, IN WRITING; TO PROCEED WITH ADHESIVE ANCHOR INSTALLATIONS INTO WET, WATER-SATURATED, WATER-FILLED, OR SUBMERGED BASE MATERIALS.

3. ANCHORING ADHESIVES AND ALL ASSOCIATED INSTALLATION ACCESSORIES SUCH AS DISPENSING TOOLS, NOZZLES, RETAINING CAPS, PISTON PLUGS, HOLE CLEANING BRUSHES, SCREEN TUBES, ETC., SHALL BE FROM A SINGLE SOURCE SUPPLIER. THREADED OR SPECIALTY INSERTS PLACED INTO ANCHORING ADHESIVES SHALL BE FROM THE SAME SINGLE SOURCE SUPPLIER WHERE AVAILABLE. GENERIC THREADED INSERTS SHALL BE PERMITTED WHERE DETAILED.

4. HOLES FOR ANCHORING ADHESIVES SHALL BE DRILLED WITH CARBIDE-TIPPED DRILL BITS HAVING DIAMETERS CONFORMING TO THE TOLERANCES SPECIFIED IN ANSI B212.15 AND ROTARY HAMMER DRILLS OR ROCK DRILLS. OTHER DRILL BITS AND/OR DRILLING PROCEDURES SHALL BE PREVIOUSLY AUTHORIZED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD. DRILL BIT (HOLE) DIAMETERS SHALL BE IN ACCORDANCE WITH THE ANCHORING ADHESIVE MANUFACTURER'S RECOMMENDATIONS AND TOLERANCES FOR THE BASE MATERIAL AND INSERT TYPE PROPOSED FOR THE ANCHORAGE.

5. NEW NOZZLES PLACED ON ANCHORING ADHESIVE CARTRIDGES SHALL BE PURGED AS NECESSARY UNTIL THE ANCHORING ADHESIVE IS PROPERLY MIXED BEFORE COMMENCING PLACEMENT OF SUCH ADHESIVE IN A PREPARED HOLE. PROPERLY MIXED ANCHORING ADHESIVE SHALL BE VISUALLY VERIFIED BY OBSERVING THAT THE ADHESIVE HAS REACHED A CONSISTENT AND UNIFORM COLOR.

6. AFTER DISPENSING SUFFICIENT ADHESIVE VOLUME IN A PREPARED HOLE, INSERTS SUCH AS ALL-THREADED ROD, REBAR, OR SPECIALTY INSERTS, ETC., SHALL BE PLACED AND SET IN THE HOLE BEFORE THE ANCHORING ADHESIVE'S GEL TIME (WORKING TIME) HAS EXPIRED. GEL TIMES SHALL BE PROPERLY ADJUSTED FOR THE EFFECTS OF BASE MATERIAL TEMPERATURE, ANCHORING ADHESIVE TEMPERATURE, AND LARGE VOLUME INSTALLATIONS. CONTACT ANCHORING ADHESIVE MANUFACTURER'S REPRESENTATIVES FOR ASSISTANCE WITH APPROPRIATE GEL TIME ADJUSTMENTS.

7. FOLLOWING EXPIRATION OF AN ANCHORING ADHESIVE'S GEL TIME (WORKING TIME); PLACED AND SET INSERTS SHALL REMAIN UNDISTURBED UNTIL THE ANCHORING ADHESIVE'S FULL CURE TIME HAS ELAPSED. REFER TO ANCHORING ADHESIVE MANUFACTURER'S PRINTED CURE TIME RECOMMENDATIONS.

8. DO NOT DISPENSE OR INSTALL ANCHORING ADHESIVES IN BASE MATERIALS WHEN SUCH BASE MATERIAL TEMPERATURES EXCEED THE INSTALLATION TEMPERATURE LIMITS AS PRESCRIBED BY THE ANCHORING ADHESIVE MANUFACTURER FOR A PARTICULAR ADHESIVE. MINIMUM BASE MATERIAL TEMPERATURES, OR WARMER (UP TO A MAXIMUM OF 100 DEGREES FAHRENHEIT), SHALL BE CONTINUOUSLY MAINTAINED FROM DISPENSING UNTIL FULL CURE TIME HAS ELAPSED.

9. FIELD PROOF LOAD TESTS SHALL BE IN ACCORDANCE WITH APPLICABLE PROVISION OF ASTM E488. FIELD TESTS SHALL BE PERFORMED AS CONFINED TENSION TESTS, UNLESS SPECIFIED TO THE CONTRARY ELSEWHERE IN THE CONTRACT DOCUMENTS OR OTHERWISE DIRECTED BY THE STRUCTURAL ENGINEER OF RECORD.

POST-INSTALLED ADHESIVE ANCHORS INTO CONCRETE

1. ANCHORING ADHESIVES FOR USE IN CONCRETE SHALL BE QUALIFIED PER ACI 355.4, AND WHERE APPROPRIATE ICC ES AC308, FOR BOTH UNCRACKED AND CRACKED CONCRETE SERVICE CONDITIONS. ADHESIVE ANCHORS DESIGNED FOR PERMANENT SERVICE CONDITIONS SHALL BE IN ACCORDANCE WITH ACI 318-14, CHAPTER 17 (2018 IBC) OR ICC ES AC308.

2. ADHESIVE ANCHOR INSTALLERS SHALL BE QUALIFIED PER THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM TO INSTALL ADHESIVE ANCHORS IN HORIZONTAL TO VERTICALLY UPWARD (OVERHEAD) ORIENTATIONS SUBJECT TO SUSTAINED TENSION LOADS. SUCH INSTALLATIONS SHALL BE SUBJECT TO CONTINUOUS SPECIAL INSPECTION.

3. NO ADHESIVE ANCHORS SHALL BE INSTALLED UNTIL THE CONCRETE HAS REACHED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH AND IS AT LEAST 21 DAYS OLD, UNLESS SPECIFICALLY AUTHORIZED TO THE CONTRARY IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD.

4. ALL ADHESIVE ANCHOR INSTALLATIONS SHALL BE SUBJECT TO PERIODIC SPECIAL INSPECTION, EXCEPT WHERE MORE RIGOROUS SPECIAL INSPECTION IS REQUIRED PER THESE GENERAL NOTES OR SPECIFIED ELSEWHERE IN THE CONTRACT DOCUMENTS.

5. ADHESIVE ANCHORS PROPOSED FOR INSTALLATION IN BUILDINGS CATEGORIZED AS SEISMIC DESIGN CATEGORY C, D, E, OR F SHALL BE DESIGNED FOR CRACKED CONCRETE SERVICE CONDITIONS.

6. ADHESIVE ANCHOR DESIGNS FOR LOAD COMBINATIONS THAT INCLUDE EARTHQUAKE FORCES IN BUILDINGS CATEGORIZED AS SEISMIC DESIGN CATEGORY C, D, E, OR F SHALL INCORPORATE THE ADDITIONAL PROVISIONS OF ACI 318, CHAPTER 17, SECTION 17.2.3.

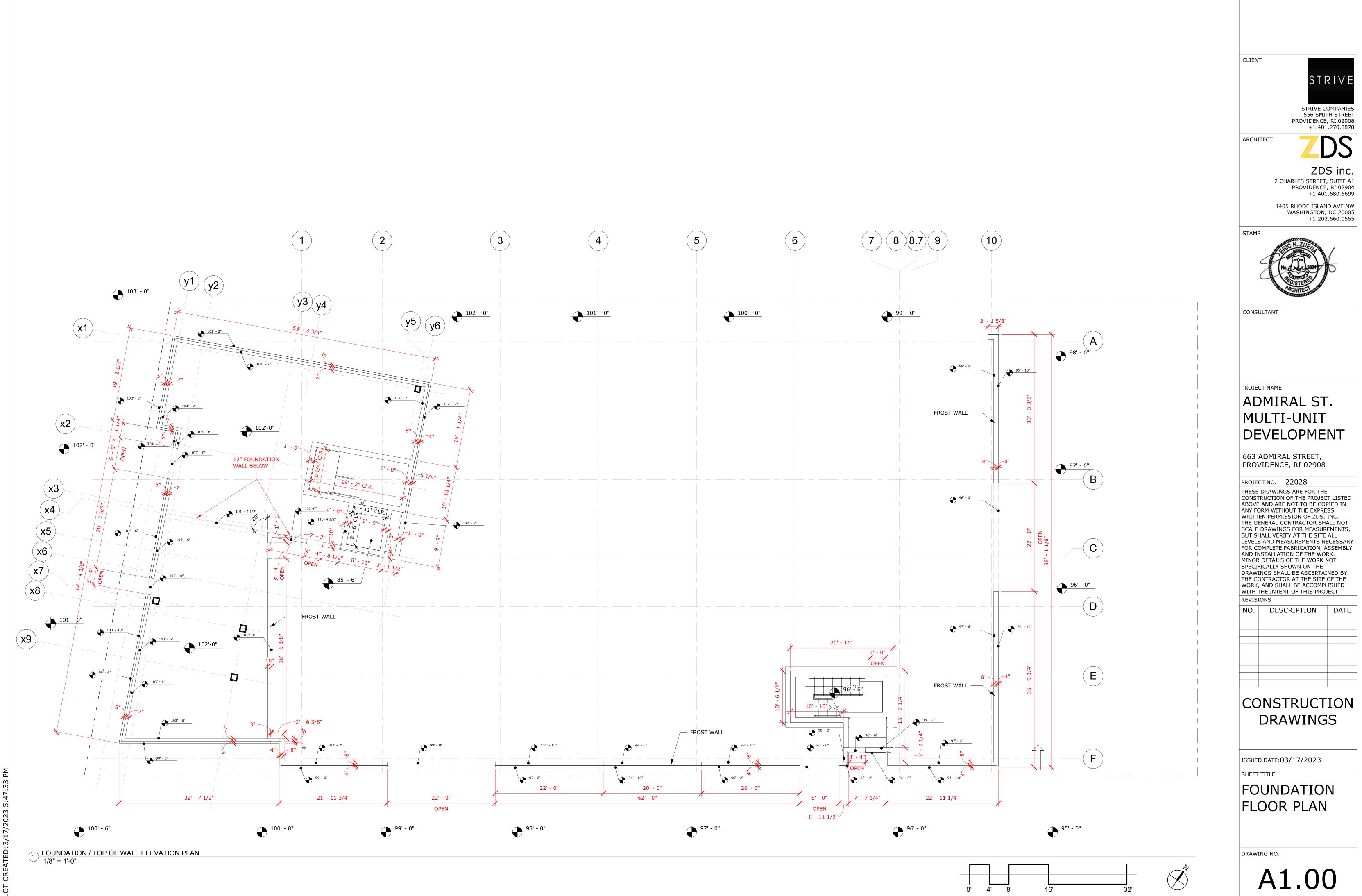
7. ACCEPTABLE ANCHORING ADHESIVES FOR CONCRETE BASE MATERIALS SHALL BE ONE OF THE FOLLOWING:

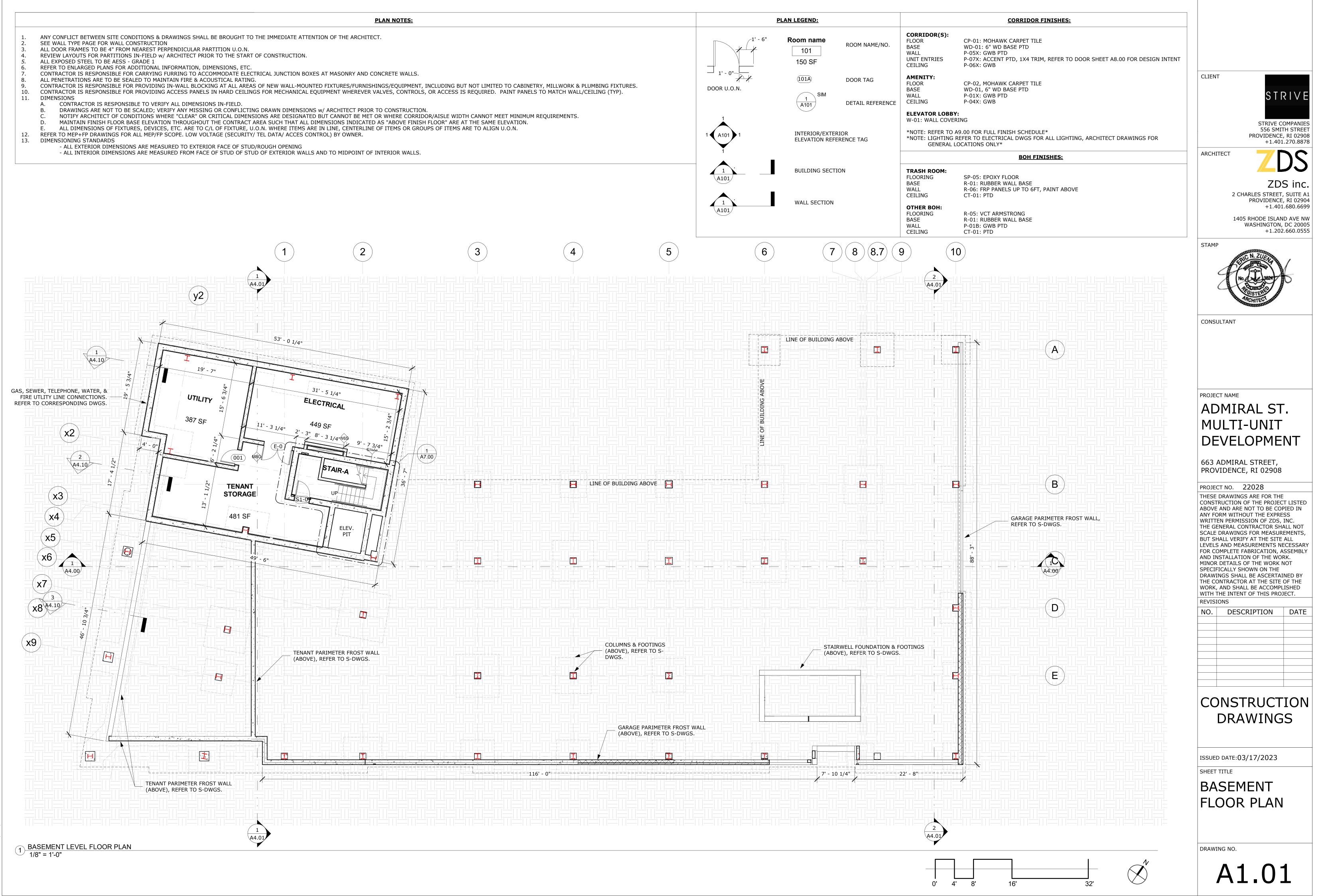
a. AT-XP. SET-XP. OR FT-HP AS MANUFACTURED BY SIMPSON STRONG-TIF CO.

- b. HIT-HY 200, HIT-RE 500-SD, OR HIT-HY 200 AS MANUFACTURED BY HILTI CORPORATION c. AC 100+ GOLD, PURE110+ , OR PE1000+ AS MARKETED BY POWERS FASTENERS
- 8. ADHESIVE ANCHORS DESIGNED FOR TEMPORARY SERVICE CONDITIONS MAY BE

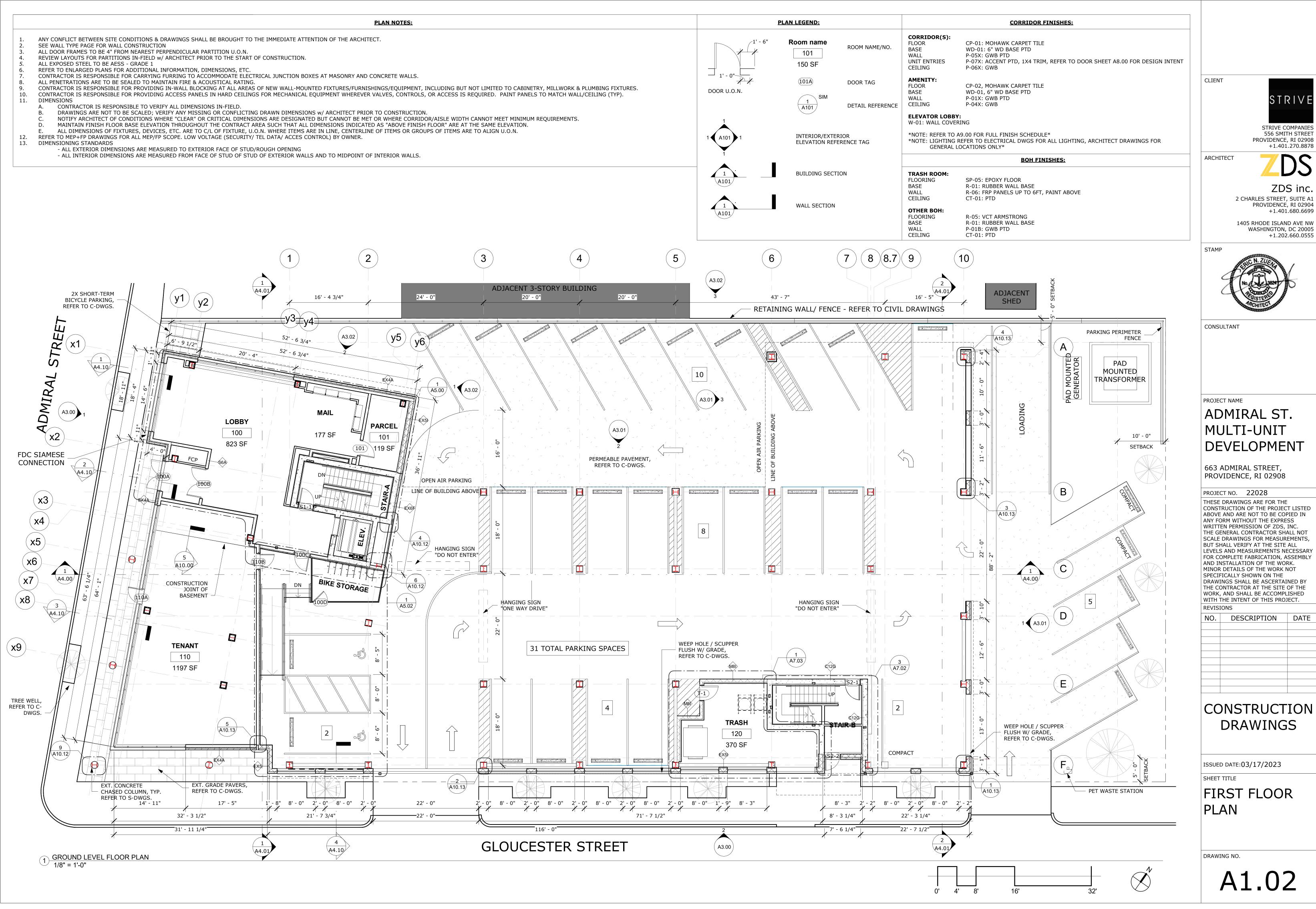
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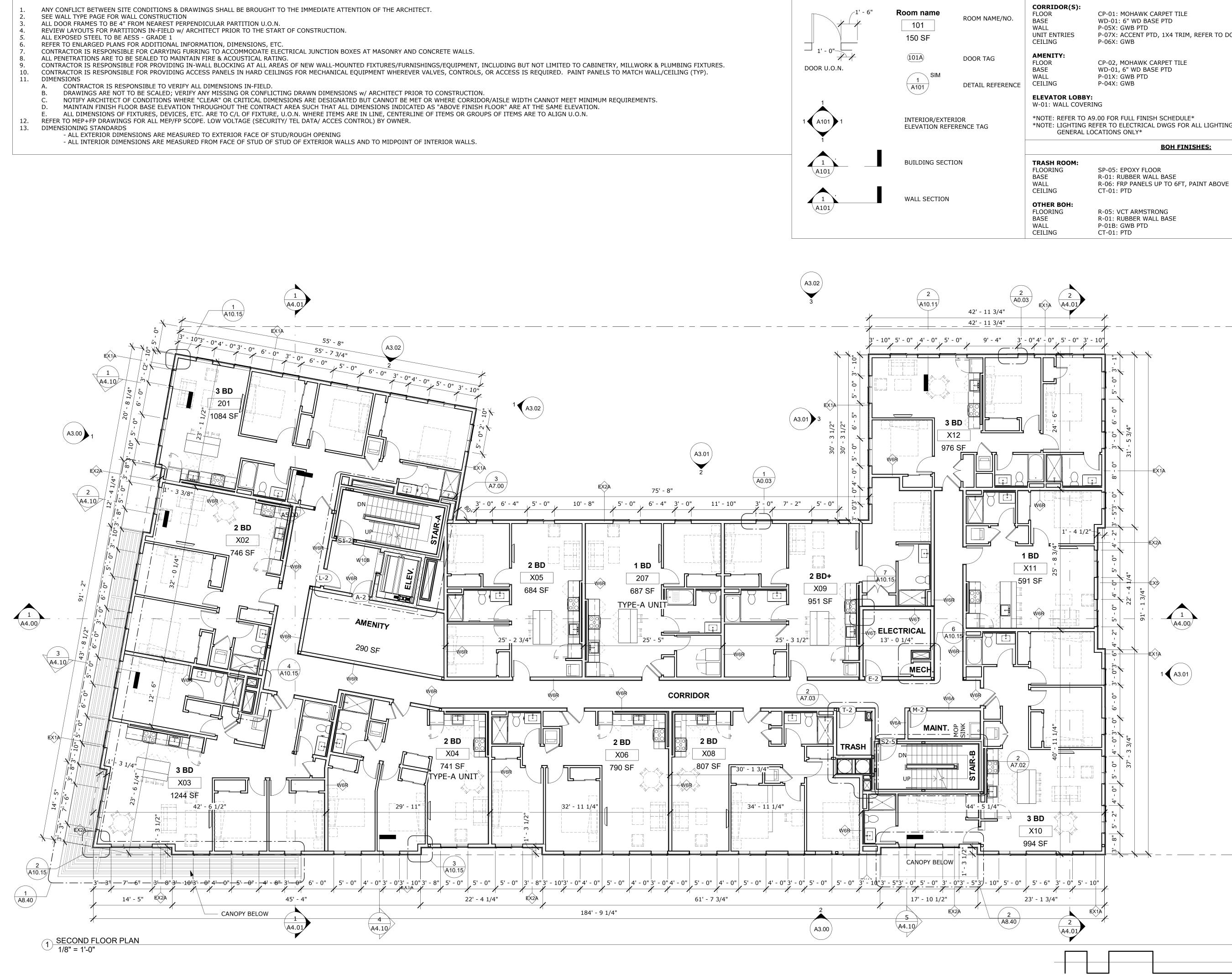
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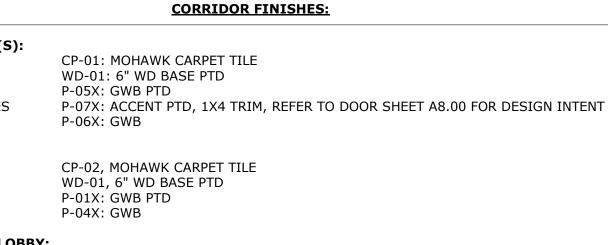
:REATED: 3/17/2023 5:47:41 PN

ALL PENETRATIONS ARE TO BE SEALED TO MAINTAIN FIRE & ACOUSTICAL RATING.

- ALL INTERIOR DIMENSIONS ARE MEASURED FROM FACE OF STUD OF STUD OF EXTERIOR WALLS AND TO MIDPOINT OF INTERIOR WALLS.



'17/2023 5:47:45



PLAN LEGEND:

*NOTE: LIGHTING REFER TO ELECTRICAL DWGS FOR ALL LIGHTING, ARCHITECT DRAWINGS FOR

TRASH ROOM:	
FLOORING	SP-05: EPOXY F
BASE	R-01: RUBBER \
WALL	R-06: FRP PANE
CEILING	CT-01: PTD
OTHER BOH:	
FLOORING	R-05: VCT ARM
BASE	R-01: RUBBER \
WALL	P-01B: GWB PT
CEILING	CT-01: PTD

				OMPANIE: TH STREE
ARCH	TECT	PROVII	DENCE	, RI 0290 .270.887
ARCH	IIECI)S
	2 CH	ARLES S		S inc
		PROVII	DENCE +1.401	, RI 0290 .680.669 D AVE NV
		WASHIN	GTON,	DC 2000
STAMI		C N. ZUE	NA SOLO	/
	No			6
	AND	GISTERE ACHITEC	STREET, STREET	
CONS	ULTANT			
	ct name DMIR	AL	ST	-
	JLTI			-
DE	VEL	OPI	ЧE	NT
	ADMIRA /IDENCE		'	
	CT NO. 2		יייד סר	
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WRITT THE GI SCALE	EN PERMIS ENERAL CO DRAWING	SION OF NTRACT S FOR M	[:] ZDS, OR SH/ EASUR	INC. ALL NOT EMENTS,
BUT SI LEVELS FOR CO	HALL VERIF 5 AND MEA OMPLETE F/	Y AT THI SUREME ABRICAT	E SITE NTS NE ION, A	ALL ECESSARN SSEMBLY
MINOR SPECI	NSTALLATION DETAILS (FICALLY SH	OF THE V IOWN ON	VORK I I THE	NOT
THE CO WORK	INGS SHAL ONTRACTO , AND SHAI THE INTEN	r at the _l be ac	E SITE COMPL	OF THE ISHED
REVIS	IONS			DATE
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	DRA	VVII	١G	S
ISSUE SHEET	D DATE:03	8/17/20)23	
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ΡL				

CLIENT

STRIVE

DRAWING NO.

 $\langle \mathbf{X} \rangle$

32'

16'

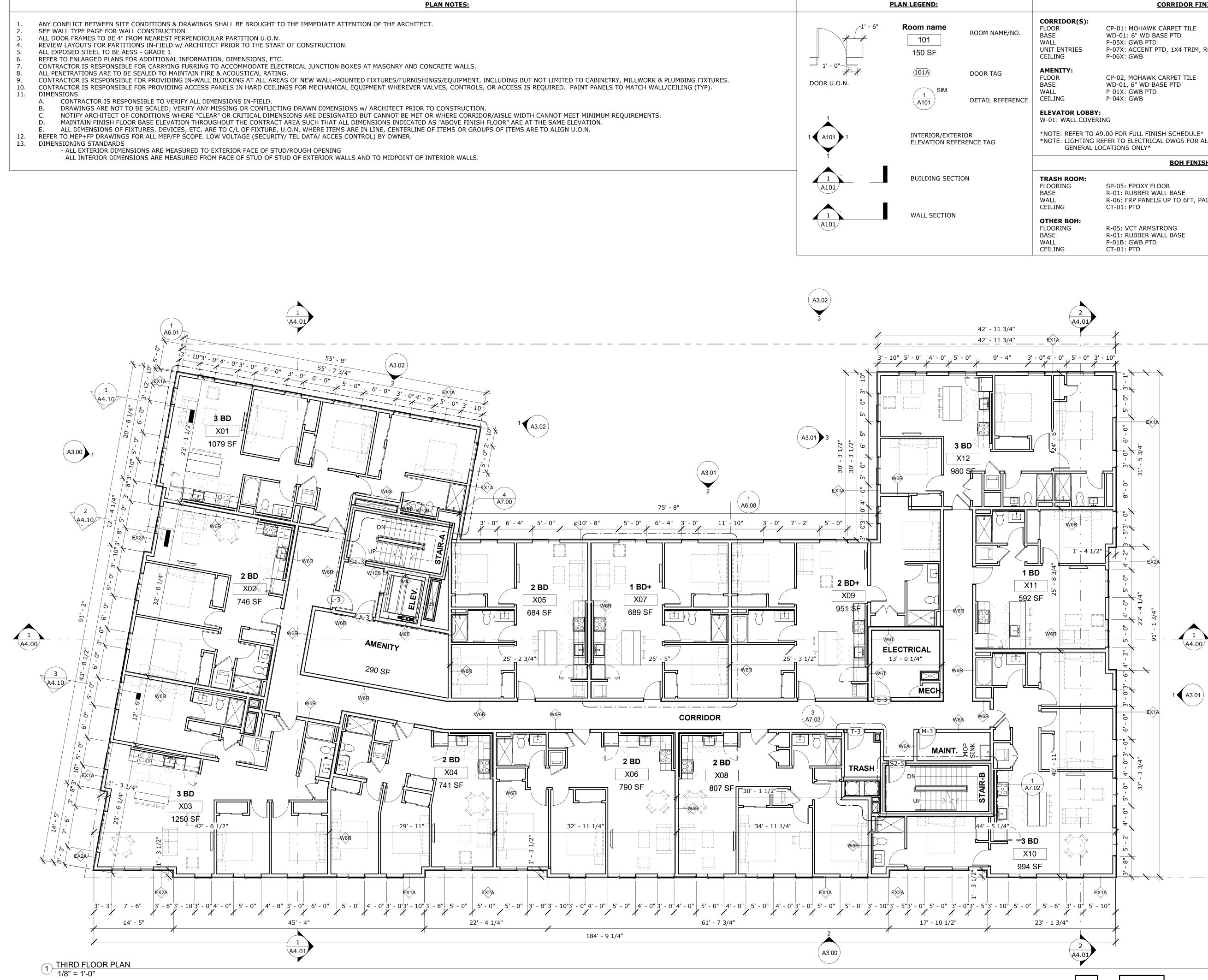
0' 4' 8'

A1.03

- ALL DOOR FRAMES TO BE 4" FROM NEAREST PERPENDICULAR PARTITION U.O.N.

CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS IN-FIELD.

- ALL INTERIOR DIMENSIONS ARE MEASURED FROM FACE OF STUD OF STUD OF EXTERIOR WALLS AND TO MIDPOINT OF INTERIOR WALLS.





		CORRIDOR FINISHES:
NO.	CORRIDOR(S): FLOOR BASE WALL UNIT ENTRIES CEILING	CP-01: MOHAWK CARPET TILE WD-01: 6" WD BASE PTD P-05X: GWB PTD P-07X: ACCENT PTD, 1X4 TRIM, REFER TO DOOR SHEET A8.00 FOR DESIGN INTENT P-06X: GWB
RENCE	AMENITY: FLOOR BASE WALL CEILING	CP-02, MOHAWK CARPET TILE WD-01, 6" WD BASE PTD P-01X: GWB PTD P-04X: GWB
	ELEVATOR LOBB W-01: WALL COVE	
	NOTE: LIGHTING	A9.00 FOR FULL FINISH SCHEDULE REFER TO ELECTRICAL DWGS FOR ALL LIGHTING, ARCHITECT DRAWINGS FOR LOCATIONS ONLY*
		BOH FINISHES:
		SP-05: EPOXY FLOOR R-01: RUBBER WALL BASE R-06: FRP PANELS UP TO 6FT, PAINT ABOVE CT-01: PTD
	OTHER BOH: FLOORING BASE WALL CEILING	R-05: VCT ARMSTRONG R-01: RUBBER WALL BASE P-01B: GWB PTD CT-01: PTD
4" 4" 	2 A4.01	

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CONS ABOVI ANY F WRITI THE G SCALE BUT S LEVEL FOR C AND I MINOF SPECI DRAW THE C WORK	TRUCTIC AND A ORM WI EN PER ENERAL DRAWI HALL VE S AND N OMPLET NSTALLA R DETAI FICALLY INGS SI ONTRAC , AND S THE INT IONS	RE NOT THOUT MISSION CONTR NGS FO RIFY AT AEASUR E FABRI ATION C SHOWI HALL BE CTOR AT HALL BE	HE PRO TO BE THE EXE N OF ZE ACTOR R MEAS THE SI EMENTS CATION F THE N F THE N F THE SI ASCER THE SI E ACCOI THIS P	JECT LISTE COPIED IN PRESS DS, INC. SHALL NOT SUREMENTS TE ALL NECESSAF N, ASSEMBL WORK. RK NOT
CC		STR AW		TION GS

A1.04

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32'

16'

0' 4' 8'

STRIVE

STRIVE COMPANIES 556 SMITH STREET PROVIDENCE, RI 02908 +1.401.270.8878

ARCHITECT

CLIENT

ZDS inc. 2 CHARLES STREET, SUITE A1

PROVIDENCE, RI 02904 +1.401.680.6699

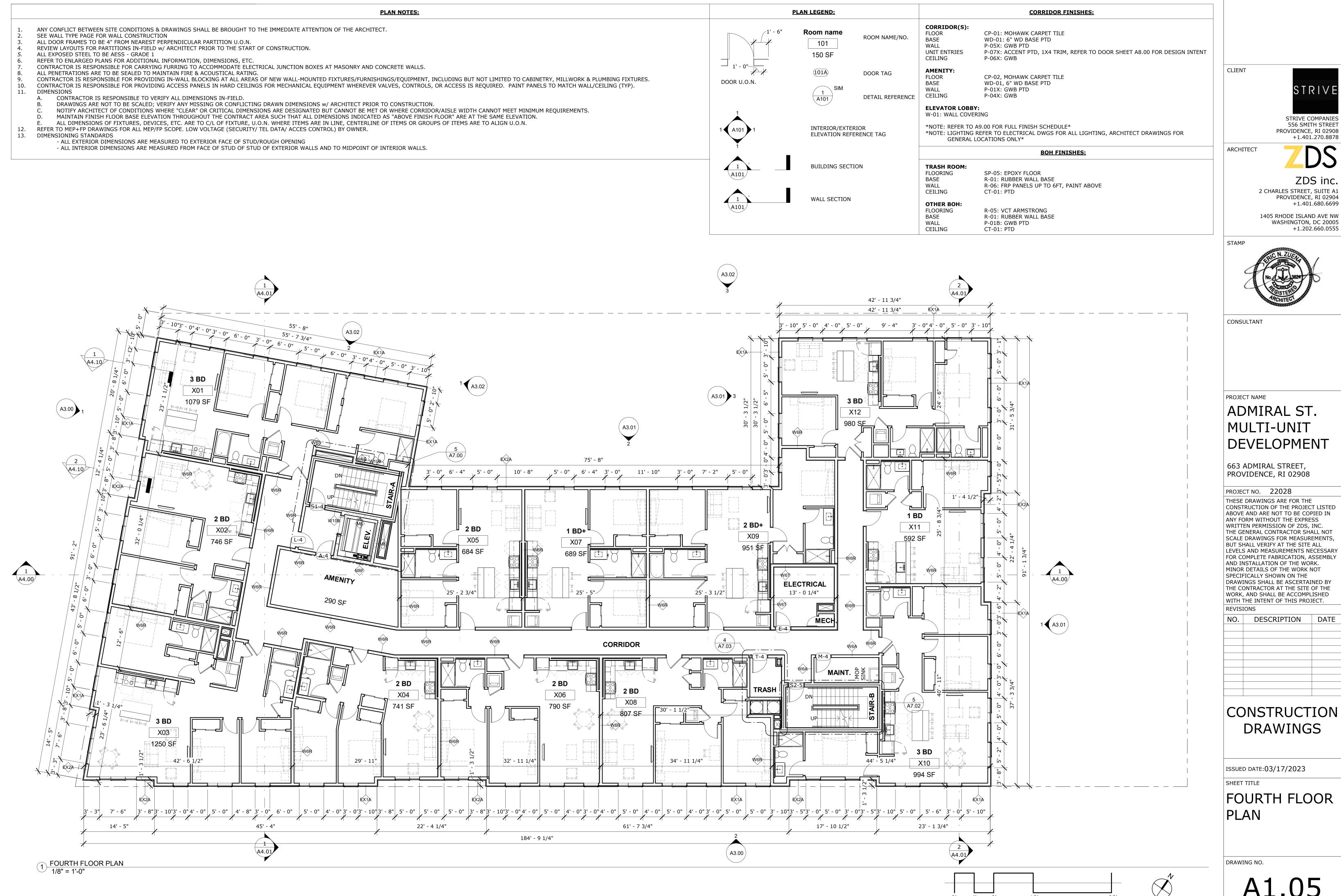
1405 RHODE ISLAND AVE NW WASHINGTON, DC 20005 +1.202.660.0555

STAMP

- ALL DOOR FRAMES TO BE 4" FROM NEAREST PERPENDICULAR PARTITION U.O.N.

7.

- ALL INTERIOR DIMENSIONS ARE MEASURED FROM FACE OF STUD OF STUD OF EXTERIOR WALLS AND TO MIDPOINT OF INTERIOR WALLS.



A1.05

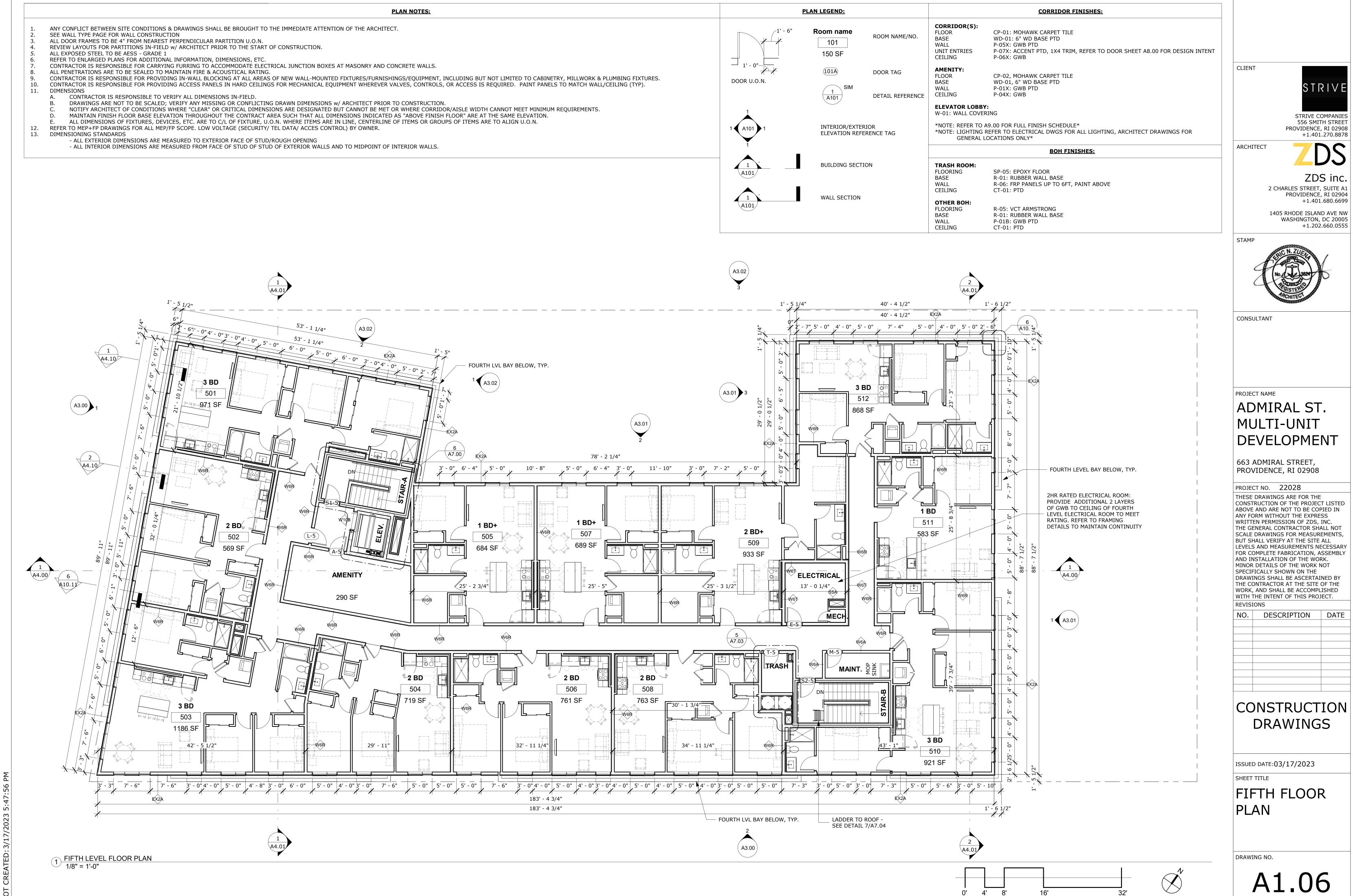
0'

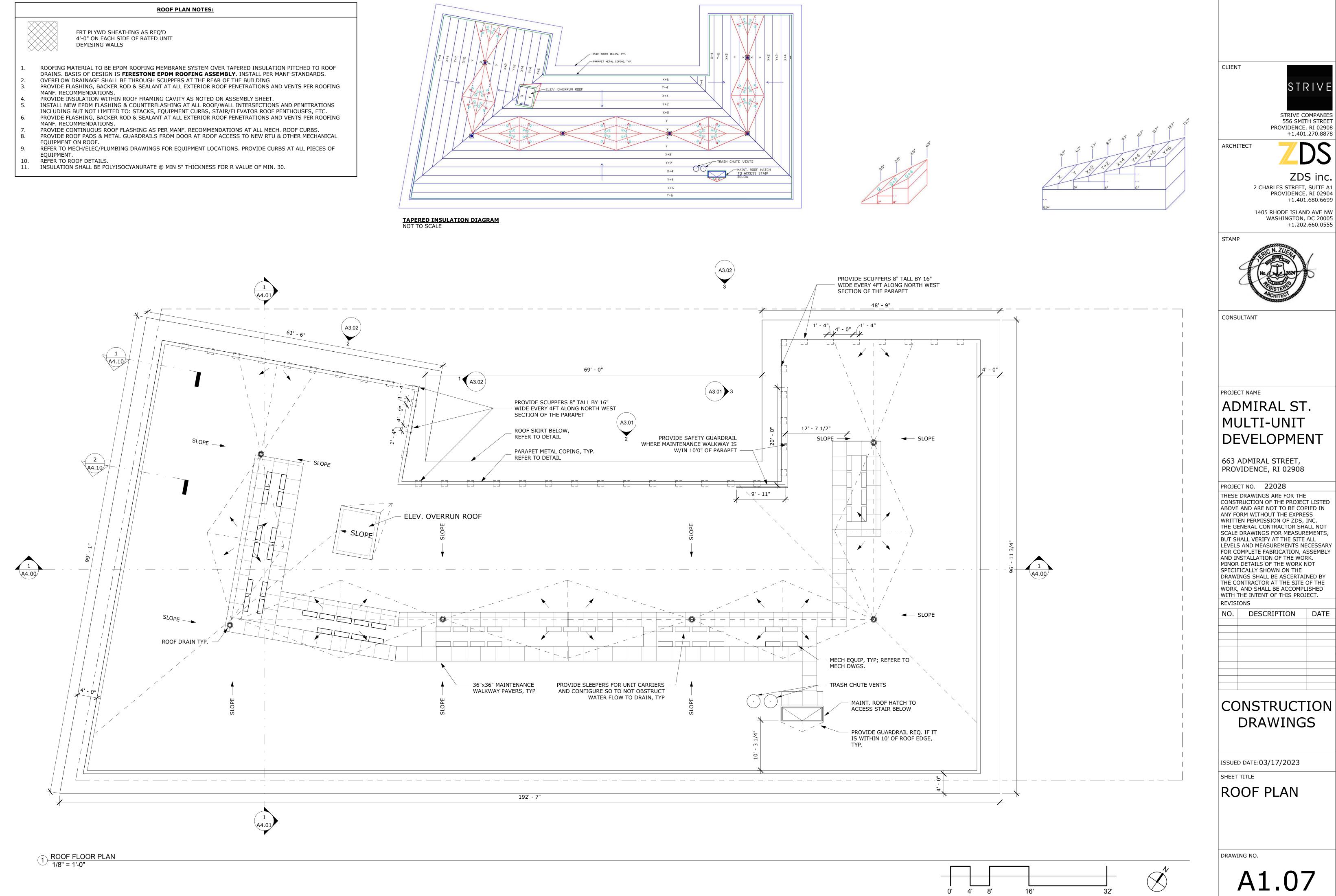
4'

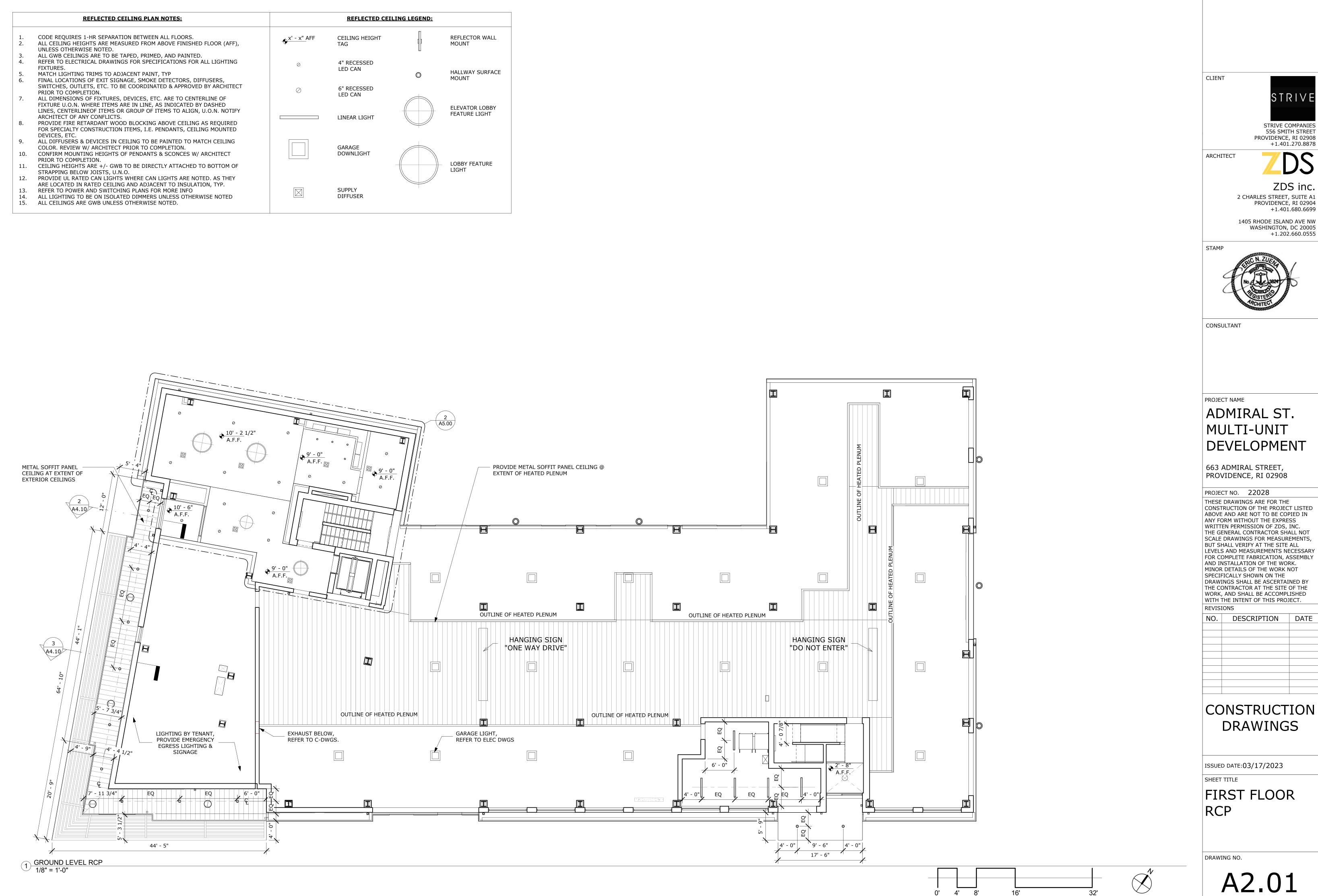
16'

32'

D.

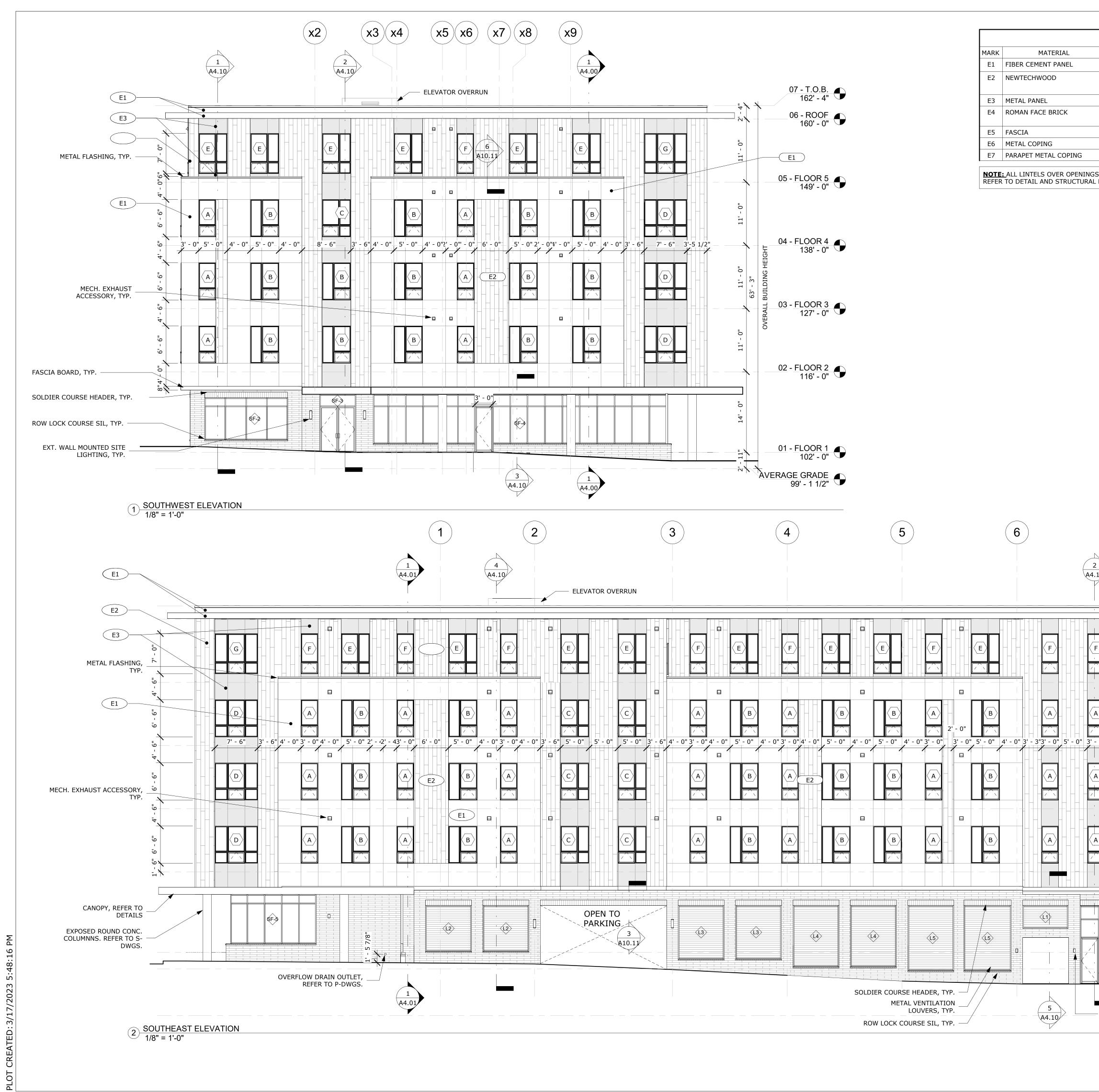






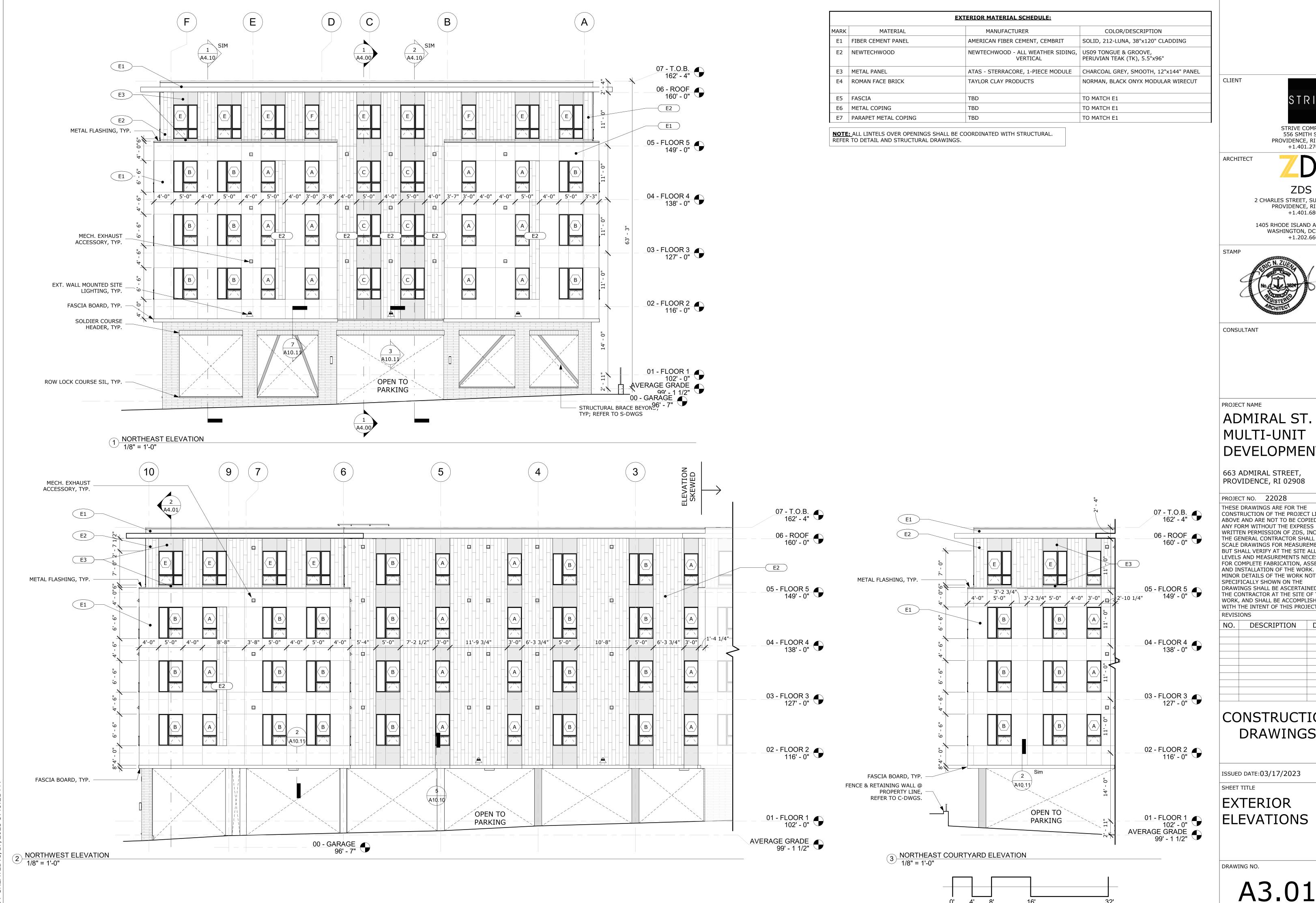
01 EATED: 3/17/2023 5:

ОТ



S CREATED: 3/17/2023

EXTERIO	OR MATERIAL SCHEDULE:		
	MANUFACTURER	COLOR/DESCRIPTION	
AME	RICAN FIBER CEMENT, CEMBRIT	SOLID, 212-LUNA, 38"x120" CLADDING	
NEW	/TECHWOOD - ALL WEATHER SIDING, VERTICAL	US09 TONGUE & GROOVE, PERUVIAN TEAK (TK), 5.5"x96"	
	S - STERRACORE, 1-PIECE MODULE LOR CLAY PRODUCTS	CHARCOAL GREY, SMOOTH, 12"x144" PANEL NORMAN, BLACK ONYX MODULAR WIRECUT	CLIENT
TBD		TO MATCH E1	STRIVE
TBD TBD		TO MATCH E1 TO MATCH E1	
	INATED WITH STRUCTURAL.		STRIVE COMPANIES 556 SMITH STREET
L DRAWINGS.			PROVIDENCE, RI 02908 +1.401.270.8878
			ARCHITECT ZDS
			ZDS inc.
			2 CHARLES STREET, SUITE A1 PROVIDENCE, RI 02904
			+1.401.680.6699 1405 RHODE ISLAND AVE NW
			WASHINGTON, DC 2000 +1.202.660.055
			STAMP
			CHER CHER MAN
			No. 3824
			ARCHITECT STATES
			CONSULTANT
			ADMIRAL ST.
(7)	(10)		
SIM			DEVELOPMENT 663 ADMIRAL STREET,
	A4.01	A	PROVIDENCE, RI 02908
	·	07 - T.O.B. 162' - 4"	PROJECT NO. 22028 THESE DRAWINGS ARE FOR THE
			CONSTRUCTION OF THE PROJECT LISTED ABOVE AND ARE NOT TO BE COPIED IN ANY FORM WITHOUT THE EXPRESS
F E		EQE2	WRITTEN PERMISSION OF ZDS, INC. THE GENERAL CONTRACTOR SHALL NOT
			SCALE DRAWINGS FOR MEASUREMENTS, BUT SHALL VERIFY AT THE SITE ALL LEVELS AND MEASUREMENTS NECESSAR
		05 - FLOOR 5 149' - 0"	FOR COMPLETE FABRICATION, ASSEMBLY AND INSTALLATION OF THE WORK. MINOR DETAILS OF THE WORK NOT
		E1	SPECIFICALLY SHOWN ON THE DRAWINGS SHALL BE ASCERTAINED BY
		E2	THE CONTRACTOR AT THE SITE OF THE WORK, AND SHALL BE ACCOMPLISHED WITH THE INTENT OF THIS PROJECT.
- 0"3' - 3" 4' - 0" 5'	' - 0" 2' - 92' - 9" 5' - 0" 4' - 0"	上 138' - 0"	REVISIONS NO. DESCRIPTION DATE
		EIG	
		UILDING H	
╧╧╝╎┝╎┝╌┝┻┛		03 - FLOOR 3 127' - 0"	
╧┙			
	$\langle \mathbf{B} \rangle$ $\langle \mathbf{A} \rangle$ $ $		
		02 - FLOOR 2 116' - 0"	CONSTRUCTION
		110 - 0	DRAWINGS
\$F-6		FASCIA BOARD, TYP.	ISSUED DATE:03/17/2023
		01 - FLOOR 1 102' - 0"	
		AVERAGE GRADE 99' - 1 1/2"	EXTERIOR
	Y, REFER TO	⊼ - ★	ELEVATIONS
EXT. WALL MOUNT		00 - BASEMENT 91' - 0"	
LIGHTING, TYP.	A4.01	91' - 0"	DRAWING NO.
][]		
0' 4	4' 8' 16'	32'	A3.00
U ¹ 4	4 0 10	JZ	



02 м М

MARK	MATERIAL	MANUFACTURER	COLOR/DESCRIPTION
E1	FIBER CEMENT PANEL	AMERICAN FIBER CEMENT, CEMBRIT	SOLID, 212-LUNA, 38"x120" CLADDING
E2	NEWTECHWOOD	NEWTECHWOOD - ALL WEATHER SIDING, VERTICAL	US09 TONGUE & GROOVE, PERUVIAN TEAK (TK), 5.5"x96"
E3	METAL PANEL	ATAS - STERRACORE, 1-PIECE MODULE	CHARCOAL GREY, SMOOTH, 12"x144" PANEL
E4	ROMAN FACE BRICK	TAYLOR CLAY PRODUCTS	NORMAN, BLACK ONYX MODULAR WIRECUT
E5	FASCIA	TBD	TO MATCH E1
E6	METAL COPING	TBD	TO MATCH E1
E7	PARAPET METAL COPING	TBD	TO MATCH E1

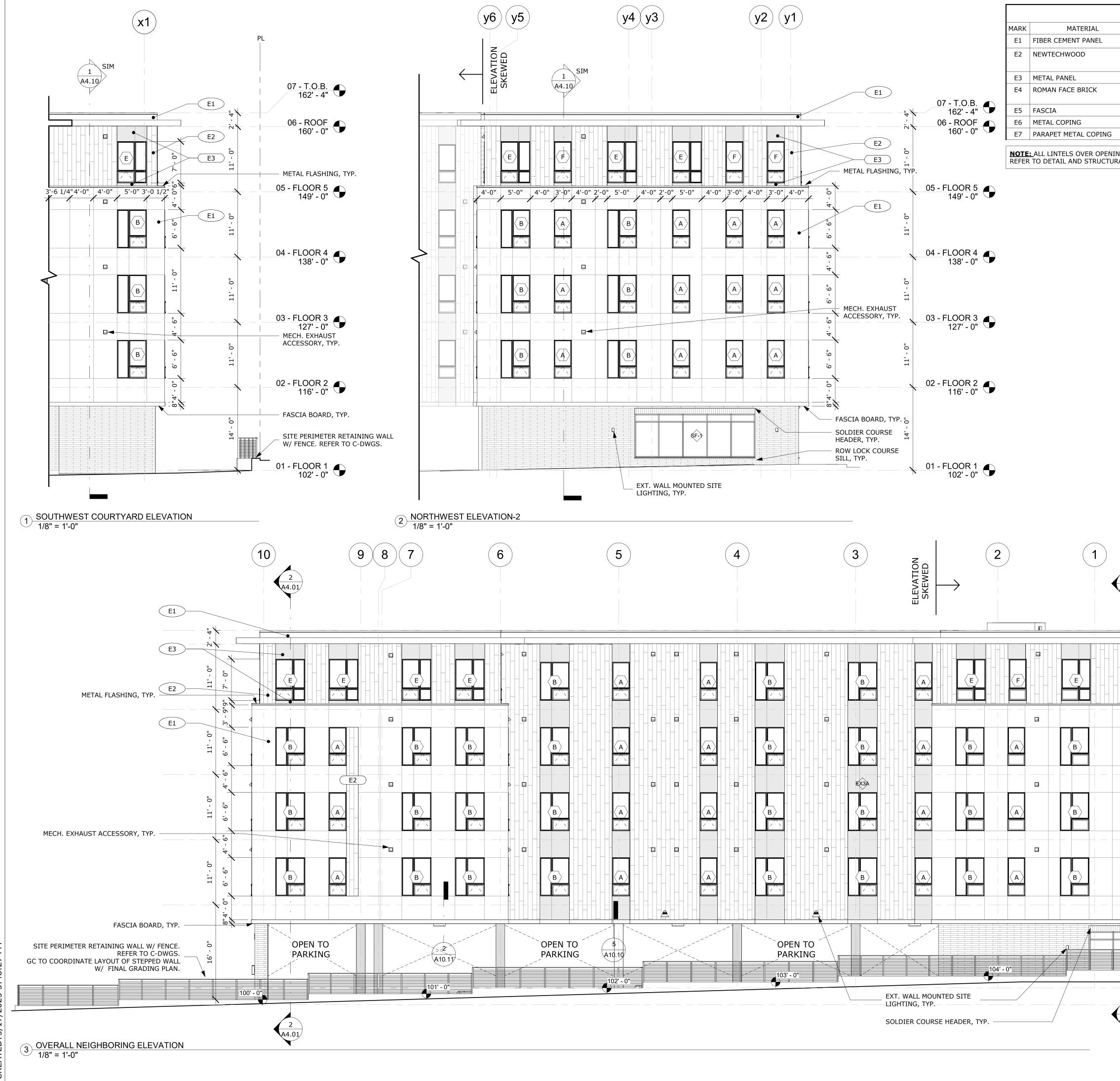


32'

0'

4' 8'

16'

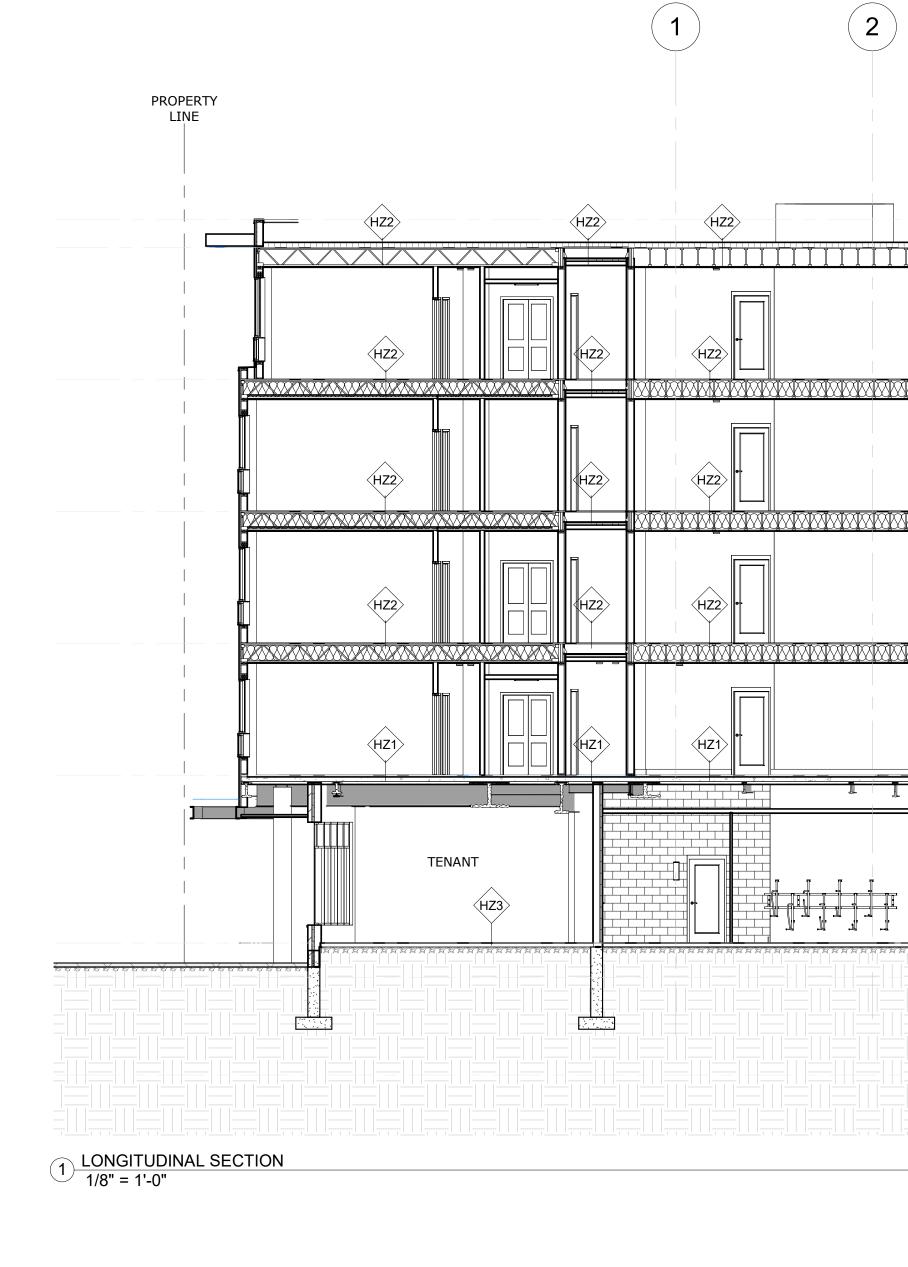


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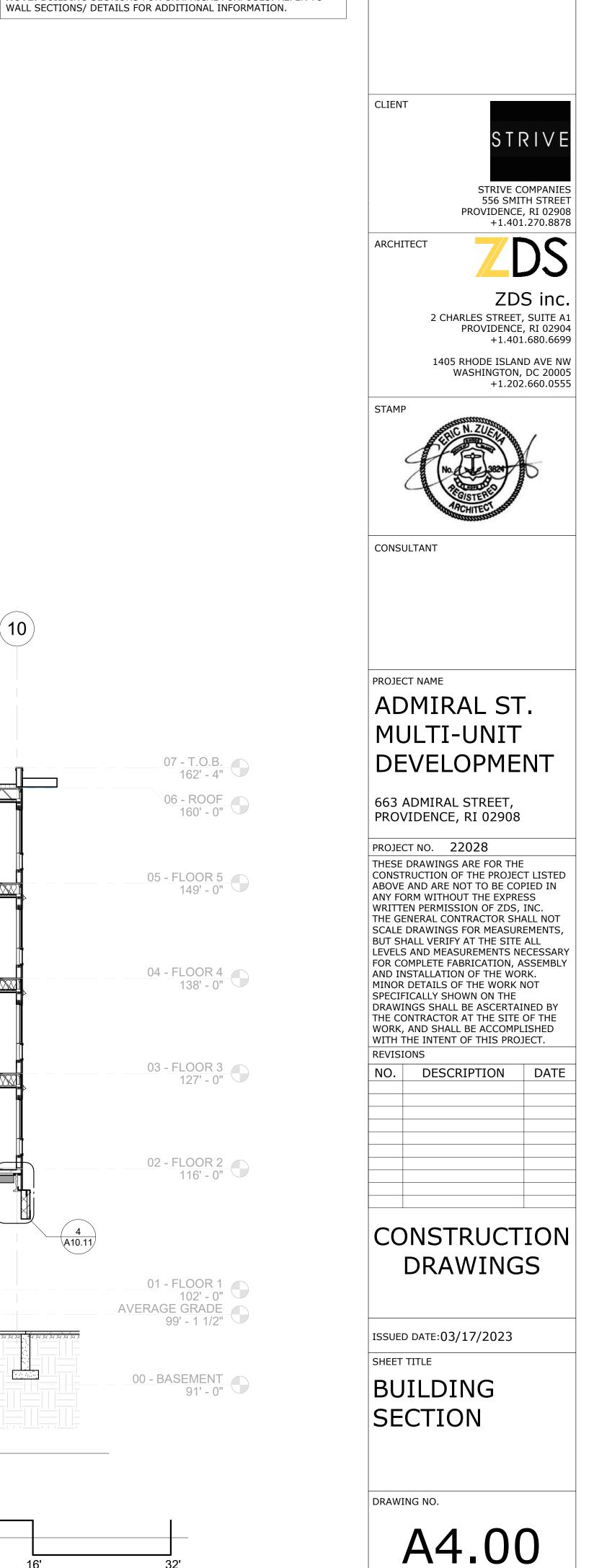
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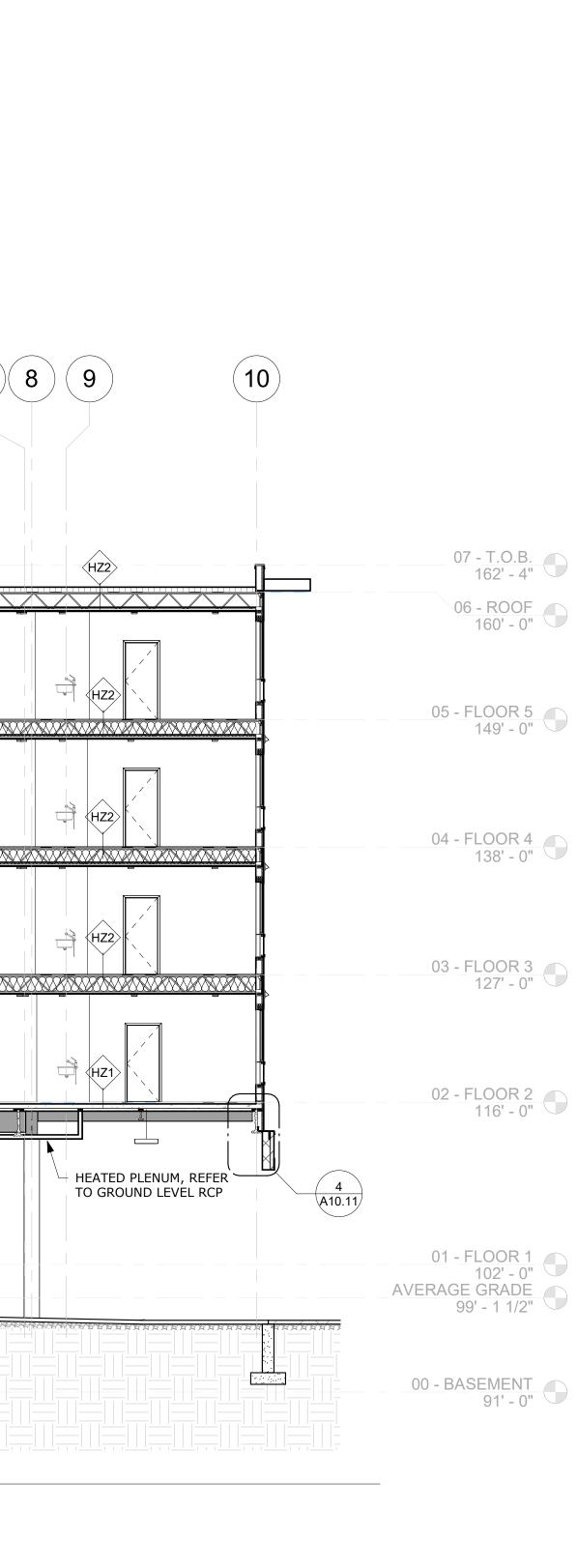
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	EXT	TERIOR MATERIAL SCHEDULE:		
		MANUFACTURER	COLOR/DESCRIPTION	
				STRIVE
CONSTRUCTION C		OORDINATED WITH STRUCTURAL.		STRIVE COMPANIES 556 SMITH STREET
	JAL DRAWINGS.			PROVIDENCE, RI 02908 +1.401.270.8878
				ARCHITECT
CONSTRUCTION C				ZDS inc.
CONSTRUCTIONS CONST				PROVIDENCE, RI 02904 +1.401.680.6699
102 64 05 102 64 05 102 64 05 102 64 05 102 64 05 102 64 05 102 64 05 102 64 05 102 64 05 102 64 05 102 64 05 102 64 102 64 05 102 64 102 102 6				1405 RHODE ISLAND AVE NW
CONSTRUCTION				WASHINGTON, DC 20005 +1.202.660.0555
POLY				STAMP
POLY				CN. ZUENA
POLY				No. 2 3824
POLY				PECISTER
POLY				AND ARCHITEC'S STATE
POLY				CONSULTANT
ADMIRAL ST. MULTI-UNIT DEVELOPMENT 63 ADMIRAL STRET, MULTI-UNIT DEVELOPMENT 63 ADMIRAL STRET, MOUTI-UNIT DEVELOPMENT 63 ADMIRAL STRET, MOUTI-UNIT COMPACTION OF THE PROJECT STREE MOUTI-UNIT STRETMENT MOUTI-UNIT STRETMENT 63 ADMIRAL STRET, MOUTI-UNIT DEVELOPMENT 63 ADMIRAL STRET, MOUTI-UNIT DEVELOPMENT MOUTI-UNIT COMPACTION OF THE PROJECT STRETMENT CONSTRUCTION DRAWINGS MOUTI-UNIT STRETMENT CONSTRUCTION DRAWINGS MOUTI-UNIT STRETMENT MOUTI-UNIT CONSTRUCTION DRAWINGS MOUTI-UNIT STRETMENT MOUTI-UNIT STRETMENT MOUTI-UNIT STRETMENT				
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07-Т.О.В. 162'-4'- 6-6-80°.00° Эринги ISTRЕТ; РООДЕХСИ, 2202 08-FLOOR 5 6-70° 197'-0° 6-70° 197'-0° 197'-0° 197'-112°				
07 - T.O.B. 07 - T.O.B. 162 - 47 08 - ROOF 162 - 07 162 - 07 162 - 07 08 - ROOF 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 160 - 07 180 - 07 160 - 07 180 - 07 160 - 07 180 - 07 160 - 07 180 - 07 160 - 07 180 - 07 160 - 07 180 - 07 160 - 07 116 - 07 116 - 07 102 - 07 102 - 07 102 - 07				DEVELOPMENT
Project no. 22028 Project no.				
07 - T.O.B. 162'-4" ↔ 06 - ROOF 160'-0" ↔ 160'-0"	(1) (A4.01)			PROVIDENCE, RI 02908
07 - T.O.B. 08 - ROOF 160'-0' 08 - ROOF 160'-0' 06 - FLOOR 5 149'-0' 05 - FLOOR 5 149'-0' 06 - FLOOR 4 138'-0' 03 - FLOOR 3 127'-0' 03 - FLOOR 3 127'-0' 01 - FLOOR 2 116'-0' 01 - FLOOR 1 02 - FLOOR 2 116'-0' 01 - FLOOR 1 02 - FLOOR 2 102'-0' 01 - FLOOR 1 02 - FLOOR 2 102'-0' 00 - AUERACE MARK BALL BE ACCOUNTING BUT CONSTRUCTION DATE CONSTRUCTION DATE CONSTRUCTION 00 - DESCRIPTION DATE 00 - DESCRIPTION - DATE 00 - DATE				
1 06 - ROOF 160'-0	1		07 - T.O.B. 162' - 4"	CONSTRUCTION OF THE PROJECT LISTED ABOVE AND ARE NOT TO BE COPIED IN
SCALE STANDARDS FOR MASSADERMENTS, SCALE STANDARDS FOR MASSADERME				WRITTEN PERMISSION OF ZDS, INC.
CONSTRUCTION C			160' - 0''	SCALE DRAWINGS FOR MEASUREMENTS,
CONSTRUCTION A A A A A A A A A A A A A A A A A A A	- - - - - <i>(</i> -)			LEVELS AND MEASUREMENTS NECESSARY FOR COMPLETE FABRICATION, ASSEMBLY
A A A A A A A B				MINOR DETAILS OF THE WORK NOT
A A A B B COMPLIAND DATE A A A B B COMPLIAND DATE A A A B B CONSTRUCTION DATE B A A B B CONSTRUCTION DATE B B B B B CONSTRUCTION DATE B </th <th></th> <th></th> <th>05 - FLOOR 5 149' - 0"</th> <th>DRAWINGS SHALL BE ASCERTAINED BY</th>			05 - FLOOR 5 149' - 0"	DRAWINGS SHALL BE ASCERTAINED BY
A A A A A A A A A A A A A A A A A A A				WORK, AND SHALL BE ACCOMPLISHED WITH THE INTENT OF THIS PROJECT.
A A A A A A A A A A A A A A A A A A A	$\langle A \rangle$			
A A A A B				
03 - FLOOR 3 127' - 0' 127' - 0' 127' - 0' 127' - 0' 127' - 0' 127' - 0' 127' - 0' 116' - 0' <tr< th=""><th>· · ·</th><td></td><td></td><td></td></tr<>	· · ·			
03 - FLOOR 3 127' - 0' 127' - 0' 127' - 0' 127' - 0' 127' - 0' 127' - 0' 127' - 0' 116' - 0' <tr< th=""><th></th><td></td><td></td><td></td></tr<>				
03-FLOOR 3 127'-0" CONSTRUCTION DRAWINGS U2-FLOOR 2 116'-0" USUED DATE:03/17/2023 SHEET TITLE EXTERIOR ELEVATIONS DRAWING NO. A32.02	 			
D2-FLOOR 2 116'-0" D2-FLOOR 2 116'-0" D1-FLOOR 1 D2'-0 D1-FLOOR 1 D2'-0" D1-FLOOR 1 D2'-0" D1-FLOOR 1 D2'-0" D1-FLOOR 1 D2'-0" D1-FLOOR 1 D2'-0" D1-FLOOR 1 D2'-0" D1-FLOOR 1 D2'-0" DRAWINGS DRAWINGS DRAWINGS DRAWINGS DRAWINGS DRAWINGS DRAWINGS DRAWINGS DRAWINGS DRAWINGS DRAWINGS DRAWING NO. DRAWING NO. DRAWING NO.			03 - FLOOR 3	
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ISSUED DATE:03/17/2023 SHEET TITLE EXTERIOR ELEVATIONS Drawing NO. AVERAGE GRADE 99'-11/2"				DRAWINGS
AVERAGE GRADE 99'-1 1/2" O DRAWING NO.			02 - FLOOR 2 116' - 0"	
AVERAGE GRADE 99'-1 1/2" O DRAWING NO.				ISSUED DATE 03/17/2023
D1 - FLOOR 1 102' - 0" AVERAGE GRADE 99' - 1 1/2" DRAWING NO. A3 - 02				
01 - FLOOR 1 102' - 0" AVERAGE GRADE 99' - 1 1/2" DRAWING NO. A3.02		105' - 0"		
AVERAGE GRADE 99' - 1 1/2" • DRAWING NO. A 3-02			01 - FLOOR 1	
99'-11/2" DRAWING NO.				ELEVATIONS
A3.02	(1 (A4.01)		99' - 1 1/2" 🖤	
A3.02	\checkmark			
o' 4' 8' 16' 32' A3.02	_			DRAWING NO.
	 0'	4' 8' 16'	32'	HJ.UZ





	3	4	5	6		7
					HZ2	HZ2
						HZ2
						HZ2
HEATED PLENUM, TO GROUND LEVE	REFER EL RCP	PENDANT LIGHT FIXTURE	GARAGE			



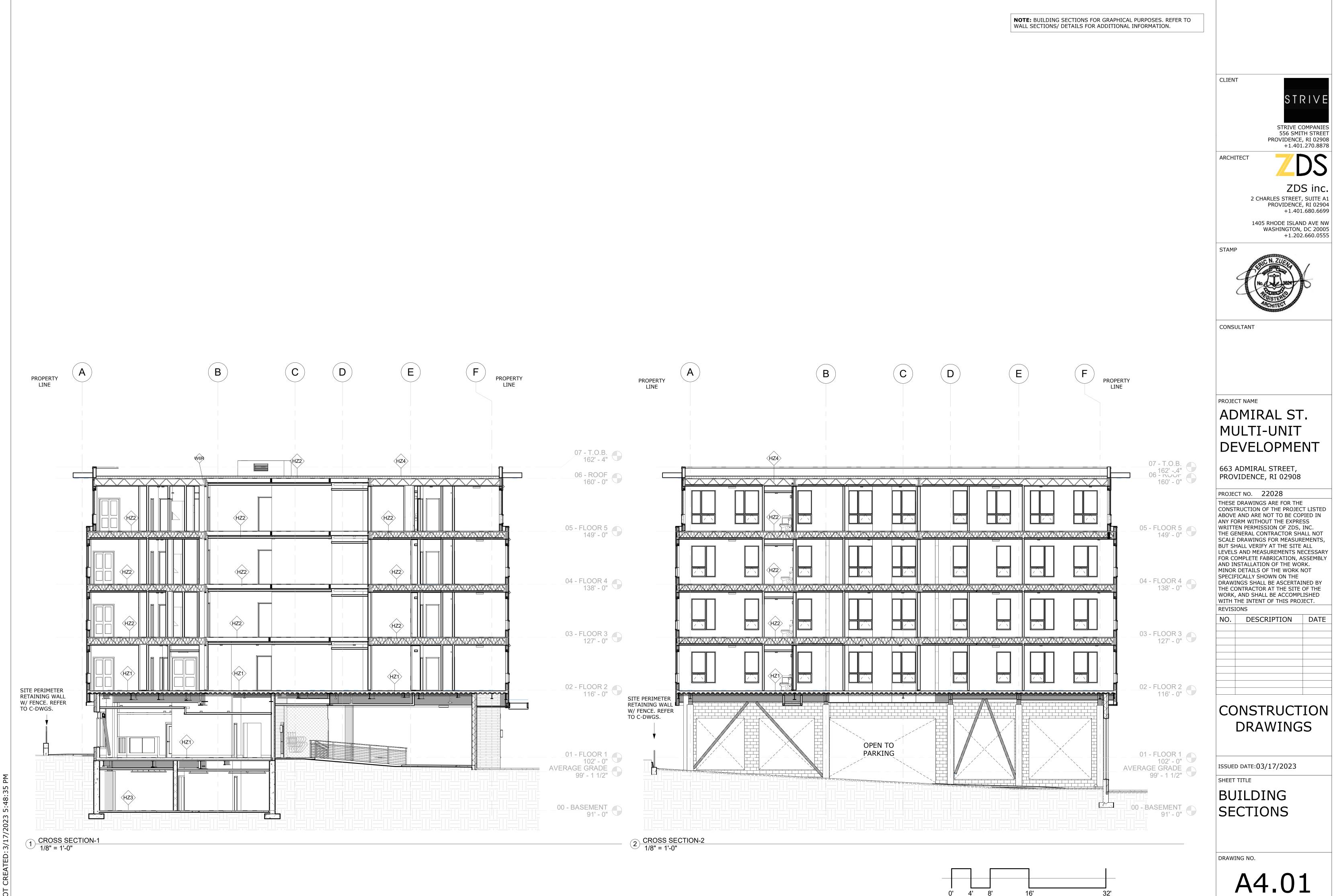


0' 4' 8'

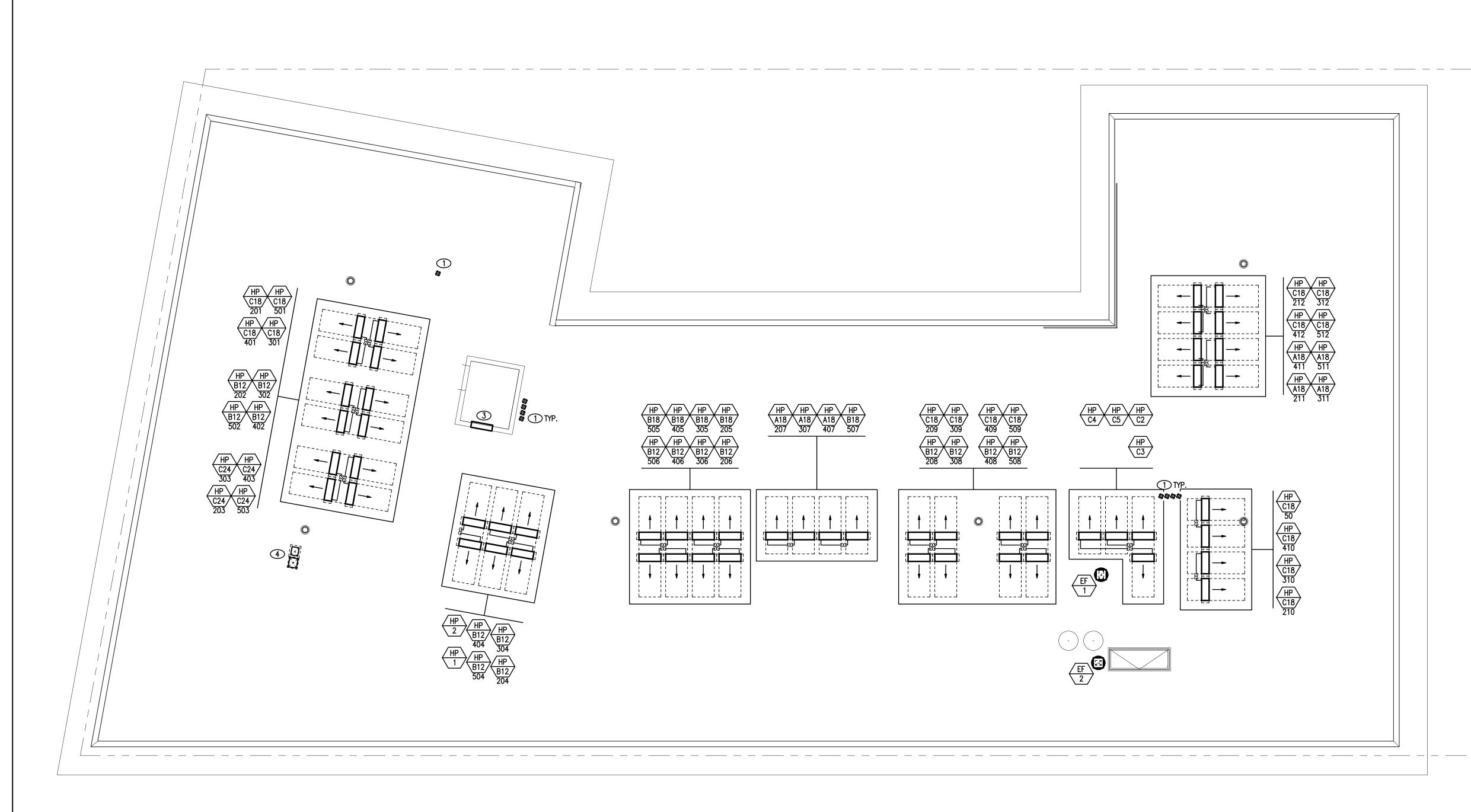
16'

32'

NOTE: BUILDING SECTIONS FOR GRAPHICAL PURPOSES. REFER TO



1 MECHANICAL - ROOF PLAN 1/8" = 1'-0"



	CLIENT STRIVE COMPANIES 566 SMITH STREET PROVIDENCE, RI 02908
	+1.401.270.8878
	ZDS inc. 2 CHARLES STREET, SUITE A1 PROVIDENCE, RI 02904
KEY NOTES	+1.401.680.6699 1405 RHODE ISLAND AVE NW WASHINGTON, DC 20005
 6ø FRESH AIR INTAKE GOOSENECK. SEE DETAIL 5/M3.01. REFRIGERANT LINESETS DOWN THROUGH ROOF IN PORTAL. SEE DETAIL 5/M3.00. 	+1.202.660.0555 STAMP
 3 ELEVATOR VENT. SEE DETAIL 7/M3.02. 4 14x12 GREASE EXHAUST W/ 2 LAYERS OF 3M ZERO CLEARANCE TO COMBUSTIBLES WRAP AND 16x14 INSULATED MAKEUP AIR DUCT DOWN TO FIRST FLOOR TENANT. FOR TERMINATION AT ROOF, CAP AT 18" ABOVE ROOF, INSULATED, SEALED. 	
	CONSULTANT
	BUILDING ENGINEERING RESOURCES, INC. 66 Main Street Office Commons 95
	N. Easton, MA 02356 351 Centerville Road T 508.230.0260 Warwick, RI 02886 F 508.230.0265 T 401.384.7682 ber@ber-engineering.com
	PROJECT NAME
	MULTI-UNIT DEVELOPMENT
	663 ADMIRAL STREET, PROVIDENCE, RI 02908
	PROJECT NO. 22028 THESE DRAWINGS ARE FOR THE CONSTRUCTION OF THE PROJECT LISTED ABOVE AND ARE NOT TO BE COPIED IN ANY FORM WITHOUT THE EXPRESS WRITTEN PERMISSION OF ZDS, INC. THE GENERAL CONTRACTOR SHALL NOT SCALE DRAWINGS FOR MEASUREMENTS, BUT SHALL VERIFY AT THE SITE ALL LEVELS AND MEASUREMENTS NECESSARY FOR COMPLETE FABRICATION, ASSEMBLY AND INSTALLATION OF THE WORK. MINOR DETAILS OF THE WORK NOT SPECIFICALLY SHOWN ON THE DRAWINGS SHALL BE ASCERTAINED BY THE CONTRACTOR AT THE SITE OF THE WORK, AND SHALL BE ACCOMPLISHED
	WITH THE INTENT OF THIS PROJECT.REVISIONSNO.DESCRIPTIONDATE
	CONSTRUCTION DRAWINGS
	ISSUED DATE: 03/01/2023
	SHEET TITLE
	MECHANICAL ROOF PLAN
	DRAWING NO.
	M1.06

LEGEND * MOUNTING HEIGHTS SHALL BE AS INDICATED UNLESS SHOWN OTHERWISE ON ELECTRICAL

DRAWINGS OR ARCHITECTURAL ELEVATIONS * ALL SYMBOLS MAY NOT BE SHOWN ON PLANS

RACEWAYS AND WIRING

SINGLE PHAS DENOTES CIR DENOTES NU MARKS INDIC
MULTI-POLE CIRCUIT NUM NUMBER OF
<u>TES:</u> GREEN GROU EACH RACEW

----- S ----- SECONDARY CONDUIT DUCT BANK

A2a	LIGHTING FIXTURE CEILING OR R "2" DENOTES CIRCUIT NUMBER,
	LIGHT FIXTURE WIRED TO CONST
 	STRIP LIGHTING FIXTURE
0	ROUND RECESSED LIGHTING FIX
Ю	WALL MOUNTED LIGHTING FIXTUR
⊖	WALL WASH OR DIRECTIONAL LIC
Ð	CEILING MOUNTED ILLUMINATED OR WITHOUT ARROWS AS INDICA OVER DOOR, "L" INDICATES MOU SIDE AT 10"A.F.F.
н	WALL MOUNTED ILLUMINATED EX
	SELF-CONTAINED EMERGENCY L
	REMOTE EMERGENCY LIGHTING H "WP" DENOTES WEATHERPROOF
	POLE MOUNTED SITE LIGHTING I
	TRACK LIGHTING AND HEADS, LE AS SHOWN ON FLOOR PLANS

LIGHTING CONTROL DEVICES

Svs ab	SINGLE POLE TOGO "vs" DENOTES A W
Smca	DECORATOR LOW V WATTSTOPPER #DC APPROVED EQUAL. CONTROL.
(v) a,b	CEILING MOUNTED POWER PACK. PRO POWER OR APPROV CONTROL.
00	WATTSTOPPER #W- OR APPROVED EQU
INV	LIGHTING INVERTER
S3	THREE WAY TOGGLE
S4	FOUR WAY TOGGLE
<u>RECEP</u>	TACLES (MOL
_{GFI} ∰ ² wp	DUPLEX RECEPTACL "GFI" DENOTES GRO TYPE DEVICE, "WP"
P	DUPLEX RECEPTACE AS INDICATED ON A
Ŧ	DOUBLE DUPLEX R TOP OR AS INDICA
₽	DOUBLE DUPLEX R
● _{L6-30}	SPECIAL PURPOSE PLANS FOR EXACT

INV	LIGHTING INVERTER
S3	THREE WAY TOGGLE SWITCH
S4	FOUR WAY TOGGLE SWITCH
<u>RECEP</u>	PTACLES (MOUNTED 18" AFF OR AS INDICATED ON ARCHITECTURAL PLANS)
$_{\sf GFI} \Phi^2_{\sf WP}$	DUPLEX RECEPTACLE, "2" DENOTES CIRCUIT NUMBER, "GFI" DENOTES GROUND FAULT CIRCUIT INTERRUPTER TYPE DEVICE, "WP" DENOTES WEATHER PROOF COVER
P	DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER TOP OR AS INDICATED ON ARCHITECTURAL PLANS
Ŧ	DOUBLE DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER TOP OR AS INDICATED ON THE ARCHITECTURAL PLANS
Ħ	DOUBLE DUPLEX RECEPTACLE
● _{L6-30}	SPECIAL PURPOSE RECEPTACLE, "L6–30" DENOTES TYPE, SEE POWER PLANS FOR EXACT TYPES USED
DWELLING	UNIT TELEPHONE/CABLE TV SYSTEM
(MOUNT 18" AFF	OR AS INDICATED ON THE ARCHITECTURAL/ELECTRICAL DRAWINGS PLANS)
EQUAL W #47606– PROVIDE	STRUCTURED MEDIA ENCLOSURE LEVITON #47605—14D OR ITH BASIC TELEPHONE AND VIDEO PANEL LEVITON BTV OR EQUAL. THE ELECTRICAL CONTRACTOR SHALL THE FOLLOWING:
1. 1	" CONDUIT WITH ONE (1) CATEGORY 6E CABLE TO THE

1. 1" CONDUIT WITH ONI
BUILDING MAIN TELEP
2. 1" CONDUIT WITH ONI
CABLE TO THE BUILD
TELEPHONE OUTLET. THE ELE
THE FOLLOWING:
1. BACK BOX WITH TELE

₩₩

Hīv

- 2. ONE (1) CATEGORY 6E CABLE TO THE TENANT STRUCTURED MEDIA ÉNCLOSURE. 'W' INDICATES WALL MOUNTED OUTLET AT 48" AFF.
- PROVIDE THE FOLLOWING: 1. BACK BOX WITH TELEPHONE/DATA FACEPLATE. 2. TWO (2) CATEGORY 6E CABLES TO THE TENANT STRUCTURED MEDIA ENCLOSURE.
- CABLE TV OUTLET. THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE FOLLOWING: 1. BACK BOX WITH FACEPLATE AND TYPE 'F' CONNECTOR.

SE HOMERUNS TO PANELBOARD. "P4" DENOTES PANEL, "1,3,5" RCUIT NUMBERS, [(3) 20A, 1P CIRCUITS] NUMBER OF SLASH MARKS UMBER OF #12AWG CONDUCTORS IN MINIMUM 3/4"C. NO SLASH ICATE 2#12 & 1#12G-3/4"C UNLESS INDICATED OTHERWISE. E HOMERUN TO PANELBOARD. "P4" DENOTES PANEL, "2" DENOTES IMBER, 20 AMP 3 POLE C/B. NUMBER OF SLASH MARKS DENOTES #12AWG CONDUCTORS IN MINIMUM 3/4"C.

OUND CONDUCTOR NOT INDICATED BUT SHALL BE INCLUDED IN EWAY. SIZE SHALL BE #12AWG UNLESS INDICATED OTHERWISE.

- LIGHTING FIXTURES (REFER TO LIGHTING FIXTURE SCHEDULE FOR EXACT FIXTURE TYPE) URE CEILING OR RECESSED MOUNTED. "A" DENOTES FIXTURE TYPE, CIRCUIT NUMBER, "a" DENOTES SWITCH CONTROL,
 - WIRED TO CONSTANT-ON OR NORMAL EMERGENCY CIRCUIT IG FIXTURE
 - SSED LIGHTING FIXTURE
 - TED LIGHTING FIXTURE
 - OR DIRECTIONAL LIGHTING FIXTURE NTED ILLUMINATED EXIT SIGN. SINGLE OR DOUBLE FACE, WITH ARROWS AS INDICATED ON DRAWINGS. "H" INDICATES MOUNTED "L" INDICATES MOUNTED ADJACENT TO DOOR ON THE LATCH
 - FED ILLUMINATED EXIT SIGN SHADING INDICATES FACE PLATE(S)
 - NED EMERGENCY LIGHTING UNIT
 - RGENCY LIGHTING HEADS SINGLE OR DOUBLE AS SHOWN. WEATHERPROOF
 - TED SITE LIGHTING FIXTURE NG AND HEADS, LENGTH OF TRACK AND QUANTITY OF HEADS
 - GGLE SWITCH. "a" DENOTES FIXTURE CONTROL. WATTSTOPPER #DSW-301 VACANCY SENSOR
 - VOLTAGE MOMENTARY SWITCH. PROVIDE DCC2-COLOR BY THE ARCHITECT OR 'a' DENOTES LIGHTING FIXTURE
 - DUAL TECHNOLOGY VACANCY SENSOR WITH OVIDE WATTSTOPPER #DT-300 WITH #BZ-50 OVED EQUAL. 'a,b' DENOTES LIGHTING FIXTURE

-2000H CEILING MOUNTED OCCUPANCY SENSOR

EPHONE BACKBOARD. NE (1) RG-6 QUAD SHIELDED CATV

DING MAIN CABLE TV BACKBOARD. ECTRICAL CONTRACTOR SHALL PROVIDE

EPHONE FACEPLATE.

TELEPHONE/DATA OUTLET. THE ELECTRICAL CONTRACTOR SHALL

2. ONE (1) RG-6 QUAD SHIELDED CATV CABLE TO THE TENANT STRUCTURED MEDIA ENCLOSURE.

	POWER	DISTRIBUTION	EQUIPMENT
--	-------	--------------	-----------

POW	ER DISTRIBUTION EQUIPMENT
-	PANELBOARD, SURFACE MOUNTED
-	PANELBOARD, FLUSH MOUNTED
J	JUNCTION BOX, SIZED PER NEC
<mark>₹</mark> Р	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD. "P" DENOTES PILOT LIGHT
□ ^{30/3}	NON-FUSED DISCONNECT SWITCH: "30/3" DENOTES 30 AMP/3 POLE SWITCH
∑ 30/20/3	FUSED DISCONNECT SWITCH: "30/20/3" DENOTES 30 AMP/3 POLE SWITCH, 20 AMP FUSES
ATS	AUTOMATIC TRANSFER SWITCH
Т	PAD MOUNTED TRANSFORMER
Ŧ	GROUND
MISCE	ELLANEOUS
	JUNCTION BOX WITH FLEXIBLE CONNECTION
	TO EQUIPMENT CABLE TELEVISION OUTLET, WALL MOUNTED. E.C. SHALL PROVIDE 3/4" EMPTY CONDUIT WITH PULL STRING TO NEAREST ACCESSIBLE CEILING. PROVIDE FACEPLATE WITH TYPE "F" CONNECTOR AT BOX.
GANN	GENERATOR REMOTE ANNUNCIATOR
₽©	PHOTO-CELL
TC	TIME CLOCK
SPD	SURGE PROTECTIVE DEVICE. PROVIDE A SQUARE D #SDSA2040 OR APPROVED EQUAL.
TWO W	AY COMMUNICATION
AS T D RCC T B	WO WAY COMMUNICATION MASTER STATION. (HOUSING DEVICES, INC MASTER STATION #HDI-ADAMS-15 OR EQUAL). WO WAY ELEVATOR COMMUNICATION AREA STATION. (HOUSING VEVICES, INC AREA STATION #HDI-ADA-100A OR EQUAL). WO WAY COMMUNICATION RELAY CARD CABINET. (HOUSING DEVICES, IC RELAY CARD #HDI-ADA-ARC, CONTROL BOARD HDI-ADA-CB, ATTERY BACKUP POWER SUPPLY SYSTEM #HDI-ADA-BBU, AMPLIFIER HDI-ADA-35 AND TRANSFORMER #HDI-ADA-PS OR EQUAL).
	REA OF RESCUE INDICATOR LIGHT WITH BATTERY BACKUP #HDI—ADA—IS—UL OR EQUAL).
месна	NICAL EQUIPMENT
	BREVIATIONS
<u> </u>	DENOTES EQUIPMENT TYPE
	DENOTES UNIT NUMBER
	AIR-COOLED CONDENSER
	BOILER
	CHILLER
	CABINET UNIT HEATER
	ELECTRIC BASEBOARD
	EXHAUST FAN
	EXHAUST HOOD
	ELECTRIC WALL HEATER
	FAN COIL
	HEAT PUMP
n	MAKE-UP AIR UNIT
	MOTORIZED DAMPER
	PUMP
	ROOF TOP UNIT
	UNIT HEATER
	VARIABLE AIR VOLUME BOX
WH	ELECTRIC WATER HEATER

ABBREVIATIONS

3R

AFF

AFG

AIC

ARCH

ATS

AWG

С

C/B

C.T.

CAT

CKT

CU

DWG

F

EC

EM

ETD

ETR

ETRL

ETRP

G

GC

GFI

HVAC

IG

KCMIL

KVA

KVAR

KW

MCB

MCC

MD

MLO

NC

NEC

P.T

PVC

XFMR

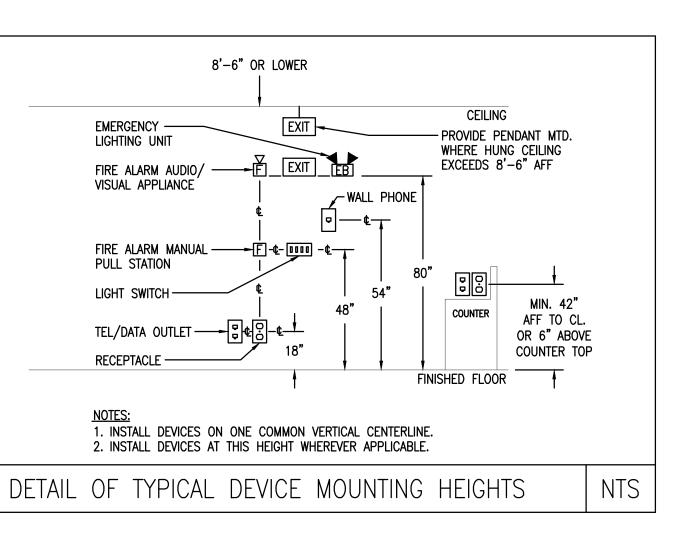
NEMA 3R RATING
NEMA 4X RATING
AMPERES
ABOVE FINISHED FLOOR
ABOVE FINISHED GRADE
AMPERE INTERRUPTING CAPACITY
ARCHITECT
AUTOMATIC TRANSFER SWITCH
AMERICAN WIRE GAUGE
CONDUIT
CIRCUIT BREAKER
CURRENT TRANSFORMER
CATALOG
CIRCUIT
COPPER
DRAWING
WIRED ON EMERGENCY CIRCUIT
ELECTRICAL CONTRACTOR
EMERGENCY
EXISTING TO BE DEMOLISHED
EXISTING TO REMAIN
EXISTING TO BE RELOCATED
EXISTING TO BE REPLACED
GROUND
GENERAL CONTRACTOR
GROUND FAULT INTERRUPTER
HEATING, VENTILATION, AIR
CONDITIONING CONTRACTOR
ISOLATED GROUND
ONE THOUSAND CIRCULAR MILS
KILOVOLT-AMPERES
KILOVOLT-AMPERES REACTIVE
KILOWATTS
MAIN CIRCUIT BREAKER
MOTOR CONTROL CENTER
MOTORIZED DAMPER
MAIN LUGS ONLY
NORMALLY CLOSED
NATIONAL ELECTRICAL CODE
NIGHT LIGHT
NORMALLY OPEN
NOT TO SCALE
PHASE
POLE
PLUMBING CONTRACTOR
POTENTIAL TRANSFORMER
POLYVINYL CHLORIDE
NEW LOCATION OF
RELOCATED DEVICE
SURFACE MOUNT
SHUNT TRIP
TEL/DATA
TELEPHONE
UNDERGROUND
UNLESS NOTED OTHERWISE
VOLT
VERIFY IN FIELD
WATT
WEATHERPROOF
TRANSFORMER
I

LIGHTING FIXTURE NOTES:

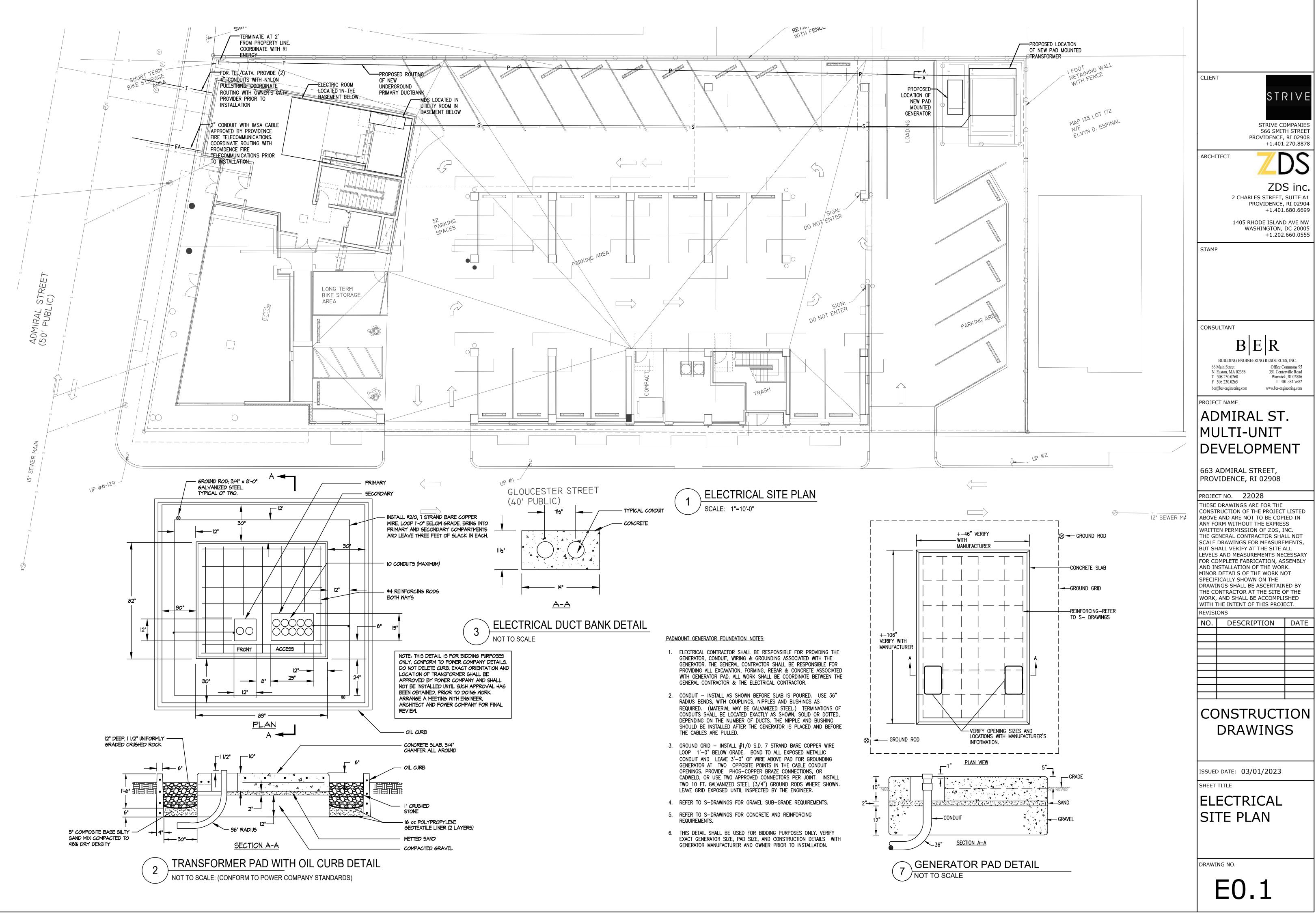
- 1. PROVIDE ACCESSORIES AND MOUNTING HARDWARE FOR ALL FIXTURES.
- 2. COLORS SHALL BE AS SELECTED BY ARCHITECT.
- 3. COORDINATE EXACT LOCATION WITH ARCHITECT'S REFLECTED CEILING PLAN PRIOR TO ROUGH-IN.
- 4. E.C. SHALL ENSURE THAT ALL PROPOSED SWITCHES AND DIMMER SWITCHES ARE COMPATIBLE WITH THE LIGHT FIXTURE(S) INDICATED TO BE CONTROLLED. INSTALL ALL SWITCHES AND DIMMER SWITCHES PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.
- 5. ELECTRICAL CONTRACTOR SHALL CONFIRM THAT ALL SUBMITTED LED DRIVERS ARE FCC COMPLIANT AND THAT ALL SUBMITTED LIGHTING FIXTURES ARE UL LISTED.

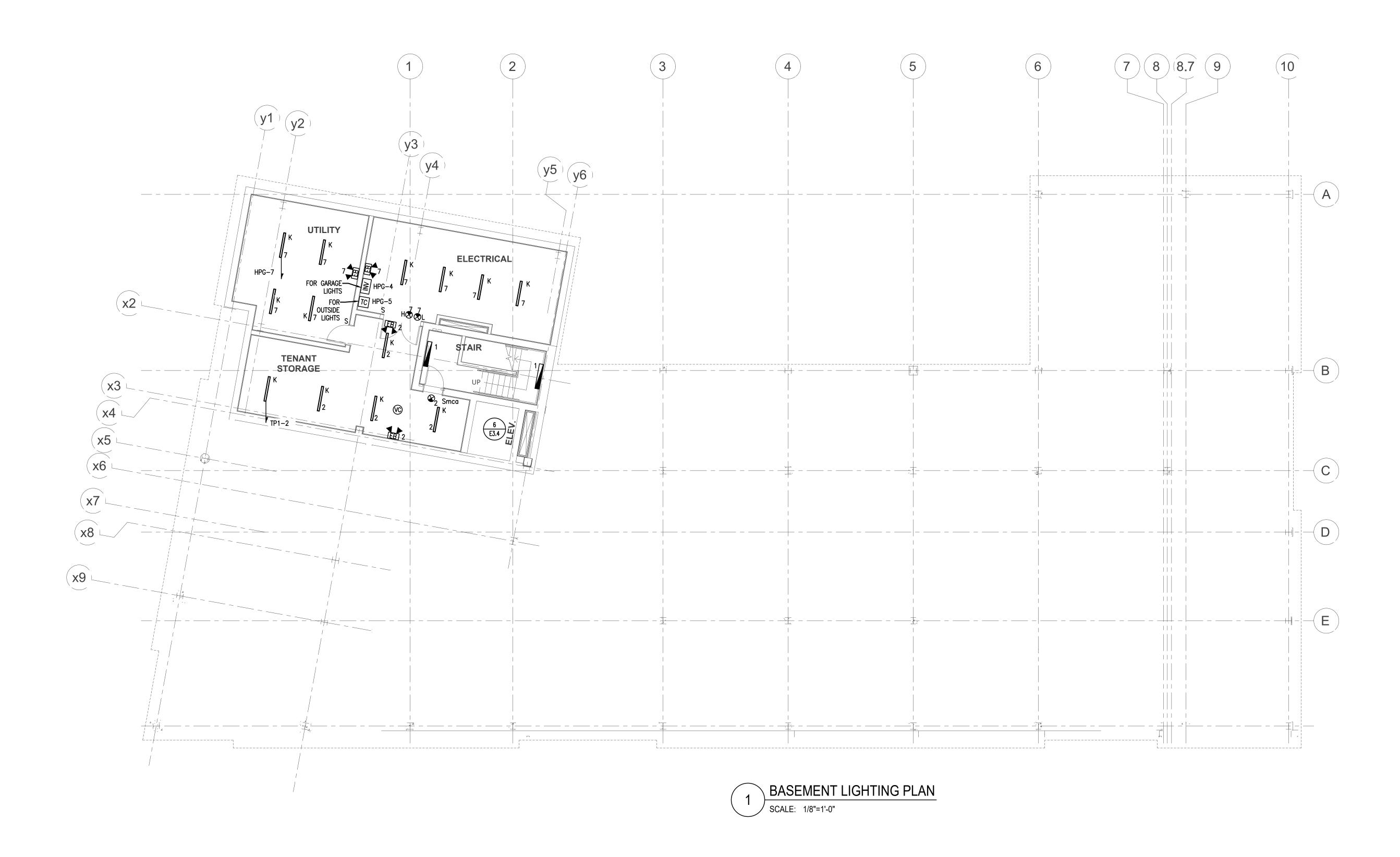
BRANCH CIRCUIT WIRING NOTES:

- WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR 1. SPECIAL CONDITIONS.
- 2. WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
- 3. ALL SWITCH CONTROLS SHALL BE PROVIDED WITH WIRING AND CONDUIT AS REQUIRED.
- 4. ALTHOUGH ALL BRANCH CIRCUIT WIRING AND CONDUIT IS NOT SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED.
- 5. A GREEN GROUNDING CONDUCTOR SHALL BE RUN WITH ALL CIRCUITS. VERIFY CONDUIT SIZE TO ENSURE IT CAN ACCOMMODATE ALL PHASE, NEUTRAL AND GROUND CONDUCTORS.
- 6. PROVIDE A NEUTRAL CONDUCTOR TO ALL NEW LIGHTING SWITCH BOXES PER NEC ARTICLE 404.2.
- 7. IN ALL NON-DWELLING TYPE OCCUPANCIES, ALL 125-VOLT THROUGH 250-VOLT RECEPTACLES SUPPLIED BY SINGLE-PHASE BRANCH CIRCUITS RATED 150 VOLTS OR LESS TO GROUND, 50 AMPERES OR LESS, AND ALL RECEPTACLES SUPPLIED BY THREE-PHASE BRANCH CIRCUITS RATED 150 VOLTS OR LESS TO GROUND, 100 AMPERES OR LESS, SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL PER NEC ARTICLE 210.8(B)(2).
- 8. PROVIDE TAMPER RESISTANT RECEPTACLES IN ALL AREAS REQUIRED BY NEC ARTICLE 406.12 (DWELLING UNITS), 406.13 (GUEST ROOMS) AND 406.14 (CHILDCARE FACILITIES).
- 9. ALL 15A OR 20A, 120V BRANCH CIRCUITS IN DWELLING UNITS SUPPLYING OUTLETS (INCLUDING SMOKE ALARMS) IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS MUST BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE PER NEC ARTICLE 210.12(A).
- 10. ALL 15A AND 20A, 125V SINGLE PHASE RECEPTACLES IN DWELLING UNITS SHALL BE GFCI PROTECTED PER NEC ARTICLE 210.8(A).
- 11. ALL 120-VOLT, SINGLE-PHASE, 15 AND 20 AMP BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES INSTALLED IN DWELLING UNIT KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS, OR SIMILAR ROOMS OR AREAS SHALL BE ARC-FAULT PROTECTED PER NEC ARTICLE 210.12.
- 12. ALL ARC FAULT CIRCUITS IN ALL LIVING UNITS SHALL BE PROVIDED WITH A SEPARATE NEUTRAL PER CIRCUIT.
- 13. ALL SELF CONTAINED EMERGENCY LIGHTING UNITS AND EXIT LIGHTING IN THE BUILDING SHALL BE CONNECTED TO THE NEAREST UNSWITCHED LIGHTING CIRCUIT IN THE AREA WITH 2#12, #12G, 3/4" CONDUIT UNLESS OTHERWISE NOTED.

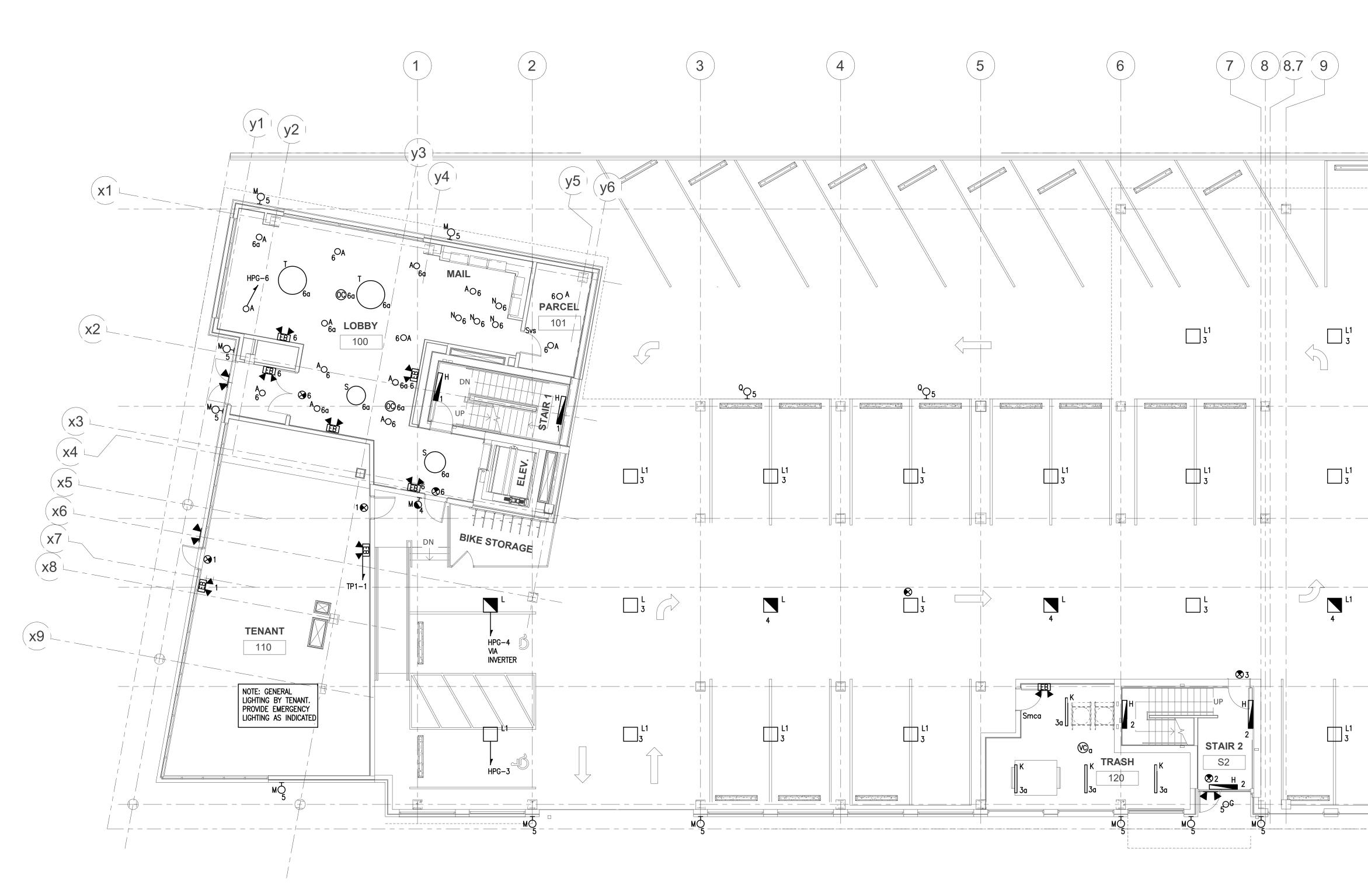


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66 Main StreetOffice Commons 95N. Easton, MA 02356351 Centerville RoadT 508.230.0260Warwick, RI 02886F 508.230.0265T 401.384.7682ber@ber-engineering.comwww.ber-engineering.com
ADMIRAL ST. MULTI-UNIT DEVELOPMENT
663 ADMIRAL STREET, PROVIDENCE, RI 02908
PROJECT NO. 22028 THESE DRAWINGS ARE FOR THE CONSTRUCTION OF THE PROJECT LISTED ABOVE AND ARE NOT TO BE COPIED IN ANY FORM WITHOUT THE EXPRESS WRITTEN PERMISSION OF ZDS, INC. THE GENERAL CONTRACTOR SHALL NOT SCALE DRAWINGS FOR MEASUREMENTS, BUT SHALL VERIFY AT THE SITE ALL LEVELS AND MEASUREMENTS NECESSARY FOR COMPLETE FABRICATION, ASSEMBLY AND INSTALLATION OF THE WORK. MINOR DETAILS OF THE WORK NOT SPECIFICALLY SHOWN ON THE DRAWINGS SHALL BE ASCERTAINED BY THE CONTRACTOR AT THE SITE OF THE WORK, AND SHALL BE ACCOMPLISHED WITH THE INTENT OF THIS PROJECT.
REVISIONS NO. DESCRIPTION DATE
CONSTRUCTION DRAWINGS
ISSUED DATE: 03/01/2023
SHEET TITLE ELECTRICAL SYMBOL LEGEND & NOTES
DRAWING NO.





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ARCHITECT)S
2 CHARLES STREET, PROVIDENCE,	
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T 508.230.0260 Warwich	rville Road x, RI 02886 1.384.7682 neering.com
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663 ADMIRAL STREET, PROVIDENCE, RI 02908	
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AND INSTALLATION OF THE WOR MINOR DETAILS OF THE WORK NO SPECIFICALLY SHOWN ON THE	К.
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CONSTRUCT DRAWING	
ISSUED DATE: 03/01/2023	
SHEET TITLE	
BASEMENT	
LIGHTING PLAN	
DRAWING NO.	
F1 0	



GROUND FLOOR LIGHTING PLAN SCALE: 1/8"=1'-0"

