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B E R

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ADMIRAL ST. MULTI-UNIT DEVELOPMENT

663 ADMIRAL STREET, PROVIDENCE, RI 02908

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
- 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
- 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 OUALITY 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF SYSTEMS AND EQUIPMENT WITH STRUCTURE, ARCHITECTURE, CEILING HEIGHTS, AND OTHER
- 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 DRAWINGS OR VICE VERSA SHALL BE CONSTRUED AS THOUGH CONTAINED IN
- SHOULD THE SPECIFICATIONS AND THE DRAWINGS DISAGREE WITH THEMSELVES 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.

ACOUSTICAL

ACCESSIBLE

ACS

ACT ADJ

AFF/A.F.F ALUM

ANOD ARCH

AUTO

BLDG

BLKG

CFCI

CL CLG

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CLR

CMU

COL CONC

CONST

CONT

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FEC

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FFE

GC

GU

GYP

HDWR

DWG(S)

DETAIL

EAST

EACH

EQUAL

FINISH

FOOT

WOOD

PANEL GAUGE

GUEST

GYPSUM

HOSE BIB

HARDWARE

HOLLOW CORE

HEAD HEIGHT

EQUIPMENT

FIRE RATED

GALVANIZED

GLASS/GLAZING

FURNITURE, FIXTURE &

FIRE RESISTANT TREATED

FIBERGLASS REINFORCED

GENERAL CONTRACTOR

GYPSUM WALL BOARD

CT CTR DBL DIA DIM DS

BD

- ALTERATIONS/DEVIATION FROM THE CONTRACT DOCUMENTS MUST BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND WRITTEN APPROVAL PRIOR TO PROCEEDING WITH THE WORK.
- 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
- 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.

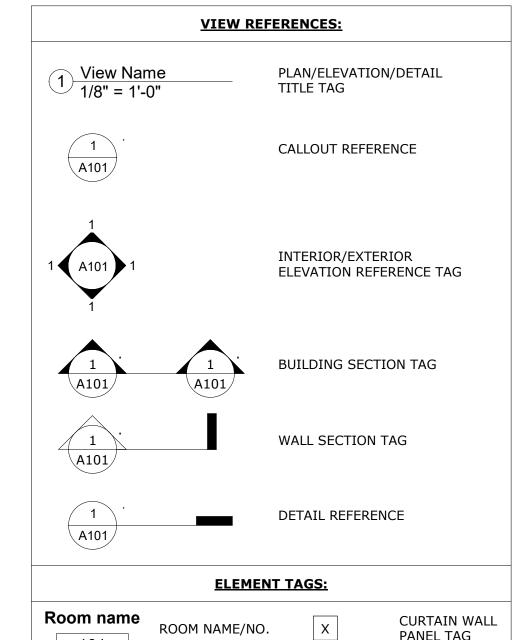
D: MATERIAL REQUIREMENTS

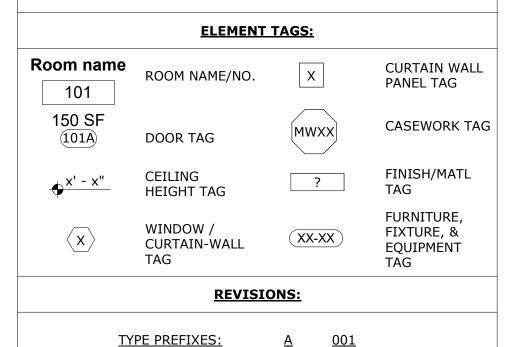
- WOOD IN CONTACT WITH CONCRETE OR STEEL TO BE PRESSURE TREATED.
- COMBUSTIBLE MATERIALS ARE NOT ALLOWED IN CONCEALED SPACES AS DETERMINED BY CODE.
- STRUCTURE SHALL BE RATED AS NOTED ON CODE DRAWINGS. MAINTAIN RATINGS OF FIRE-RATED ASSEMBLIES.
- PAINTING, VARNISHING OR THE USE OF OTHER NOXIOUS SUBSTANCES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

E: DEFINITIONS AND METHODOLOGIES

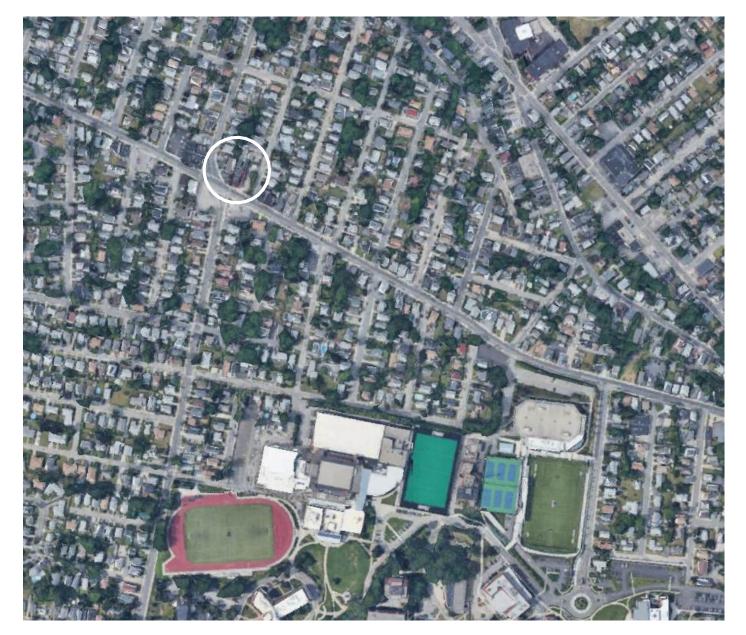
STAINLESS STEEL

- 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 CONDITIONS THROUGHOUT, UNLESS REQUIRED OTHERWISE.





TYPE NUMBER





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 THROUGHOUT.

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 FOOTPRINT AT THE REAR OF THE LOT.

TYPE A UNIT IS UNIT 207.

CONSULTANT

STAMP

CLIENT

ARCHITECT

STRIVE COMPANIES

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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

SHEET TITLE GENERAL INFORMATION

DRAWING NO.

G0.01

ABBREVIATIONS FINISH TAG LEGEND **UNIT BREAKDOWN**

A = ADDENDUM

B = BULLETIN

R = REVISION

	ARCHITECTURAL CAST STONE ACOUSTIC CEILING TILE	HT HVAC	HEIGHT HEAT/VENT/AIR CONDITION	STD STL	STANDARD STEEL	BA BP	BATH ACCESSORY BATHROOM/PLUMBING FIXTURE		Ī	UNIT TYPE	<u>MATRIX</u>		
.F.F.	ADJUSTABLE ABOVE FINISHED FLOOR	ID INCL	INSIDE DIAMETER INCLUDE(D)	STO STRUC, S-	STORAGE STRUCTURAL	E G	EQUIPMENT GLASS		FLOOR 2	FLOOR 3	FLOOR 4	FLOOR 5	TOTAL
.1 .1 .	ALUMINUM	INSUL	INSULATION	SUSP SYM	SUSPENDED SYMMETRICAL	H	HARDWARE LAMINATE	TYPE B1	. 1	1	1	1	4
	ANODIZED ARCHITECT (URAL)	INT JT	INTERIOR JOINT	SYS	SYSTEM	L M	METAL	TYPE B1-	+ 1	2	2	2	7
	AUTOMATIC` BOARD	KD KP	KNOCK DOWN KICK PLATE	TELE TEMP	TELEPHONE TEMPERED	P R	PAINT/STAIN RESILIENT FLOORING	H TYPE A	1	0	0	0	1
	BUILDING	LAM	LAMINATE	T&G TC	TONGUE & GROOVE TOP OF CURB	S SP	STONE SPECIALTY PRODUCT/SYSTEM						12
	BLOCKING CONTRACTOR FURNISHED	LAV LH	LAVATORY LEFT HAND	TLT	TOILET	SS	SOLID SURFACE	Σ TYPE B2	4	4	4	4	16
	CONTRACTOR INSTALLED CONTROL JOINT	LHR MAS	LEFT HAND REVERSE MASONRY	TV	TOP OF PAVEMENT TELEVISION	T WD	TILE WOOD	Q TYPE B2+	+ 1	1	1	1	4
	CENTER LINE CEILING	MAT MAX	MATERIAL MAXIMUM	TYP UNO/UON	TYPICAL UNLESS NOTED OTHERWISE	FFE CODES		8					20
	CLOSET	MDO	MEDIUM DENSITY OVERLAY	VCT VIF/V.I.F.	VINYL COMPOSITION TILE VERIFY IN FIELD	AC AR	ACCESSORY ARTWORK						20
	CLEAR(ANCE) CONCRETE MASONRY UNIT	MECH MANF	MECHANICAL MANUFACTURER	VWC	VINYL WALL COVERING WEST	C CH	CARPET SEATING	Σ Ο Ο	,	4	4		1.5
	COLUMN CONCRETE	MIN MISC	MINIMUM MISCELLANEOUS	W/	WITH	DL	DECORATIVE LIGHTING	이 TYPE B3	4	4	4	4	16
Τ	CONSTRUCTION CONTINUE/CONTINUOUS	MO MTL	MASONRY OPENING METAL	WC WD	WATER CLOSET WOOD	F TC	FABRIC/UPHOLSTERY TABLES/CASEGOODS	 					
	CARPET	N	NORTH	WM	WIRE MOLD BASE, REF: ELECT.	WT WC	WINDOW TREATMENT WALL COVERING	TOTAL B					
	CERAMIC TILE CENTER	NA/ N/A NIC	NOT APPLICABLE NOT IN CONTRACT	W/O WRB	WITHOUT WATER RESISTANT		R TO HARD FINISH SCHEDULE AND FFE	FLOOR		12	12	12	48
	DOUBLE DIAMETER	NOM NTS	NOMINAL NOT TO SCALE	WTR	WATER		ONS FOR PROJECT INFORMATION	NOTE: PROJEC	T DECLIDES (1)	TYPE A LINIT	. (20/ ₂ OE	TOTAL UN	MITC - 40
	DIMENSION DOWN SPOUT	OC OD	ON CENTER OUTSIDE DIAMETER	WWF	WELDED WIRE FABRIC				CT REQUIRES (1) QUIRED TO BE TY		(2 /0 OI	TOTAL UN	1113 - 40
	DOWN SPOOT	00	GOISIDE DIAMETER	1									

OUTSIDE DIAMETER OFCI OWNER FURNISHED DRAWING(S) CONTRACTOR INSTALLED OFOI OWNER FURNISHED OWNER INSTALLED **EXPANSION JOINT** OPG OPENING ELECTRIC(AL) OPPOSITE HAND OH ELEVATION OPP OPPOSITE PART PARTITION ELEVATOR PNT/PTD PAINT **EQUIPMENT** PLATE EXTERIOR OR EXTENDED PLASTIC LAMINATE PLAM EXISTING PLUM-PLUMB(ING) FLOOR DRAIN, REF: PLY/PLYWD PLYWOOD PLUMBING FOR SIZE AND PATR PSI POUNDS/SQUARE INCH PRESSURE TREATED FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET PVC POLYVINYL CHLORIDE RAD

REF

REFR

RHR

RO

ROW

R&S

SCW

SECT

SHT

SIM

SPEC

SCHED

REINF

REQ/REQ'D

RADIUS

REFER

ROOF DRAIN

REFRIGERATOR

RIGHT HAND REVERSE

ROUGH OPENING

SOLID CORE WOOD

RIGHT OF WAY

ROD & SHELF

SOUTH

SCHEDULE

SECTION

SHEET

SIMILAR

SPECIFICATION

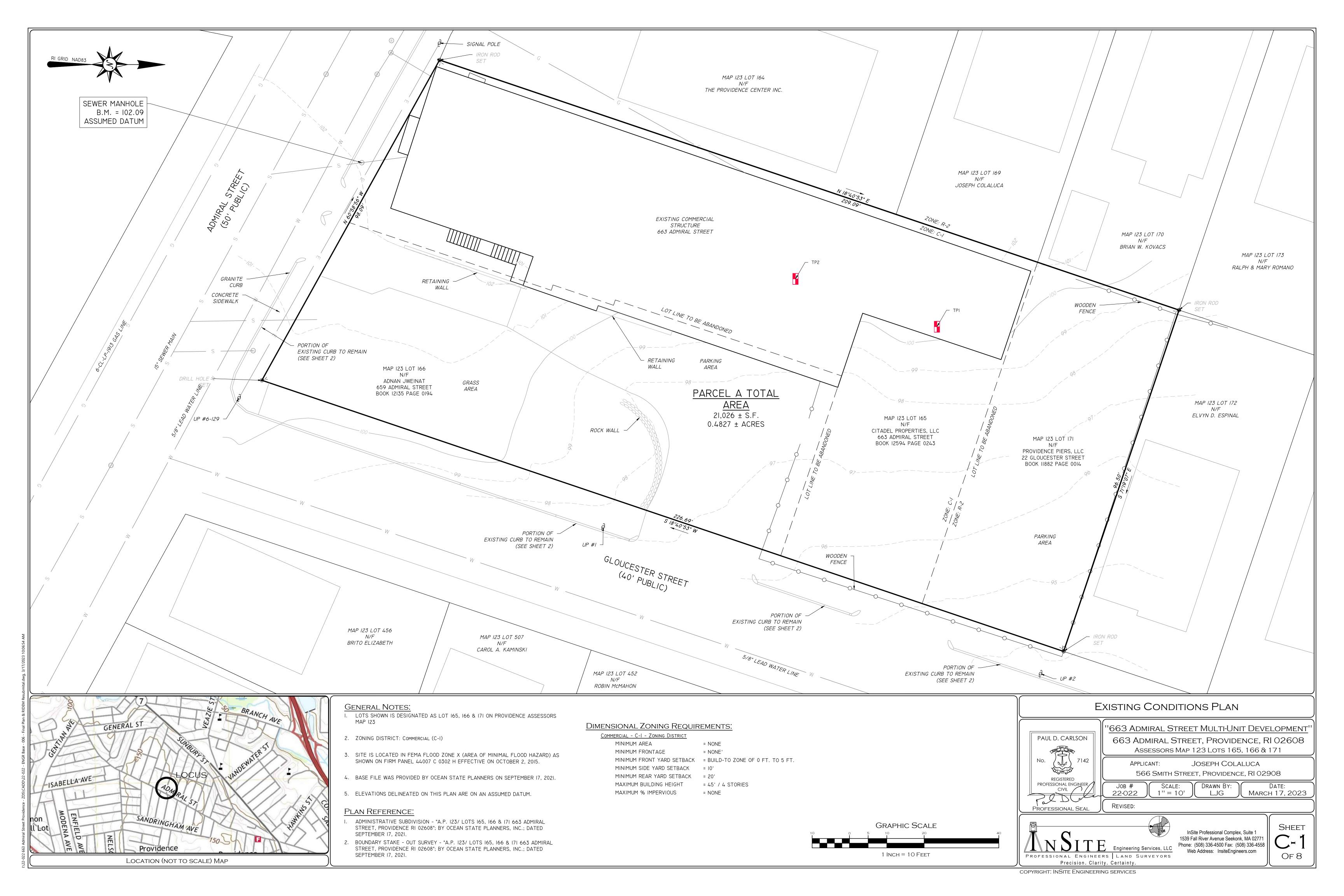
REINFORCE

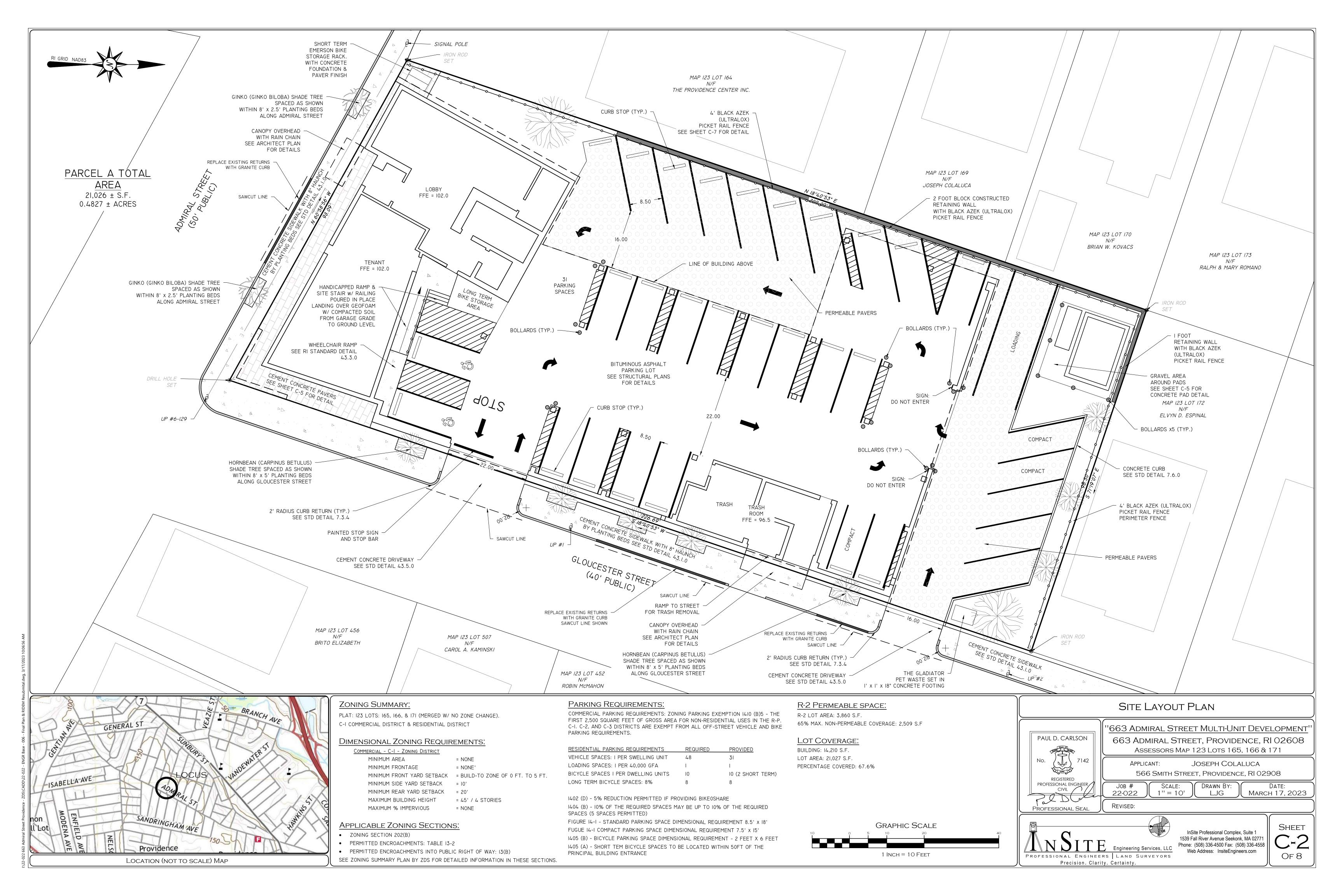
REQUIRED RIGHT HAND

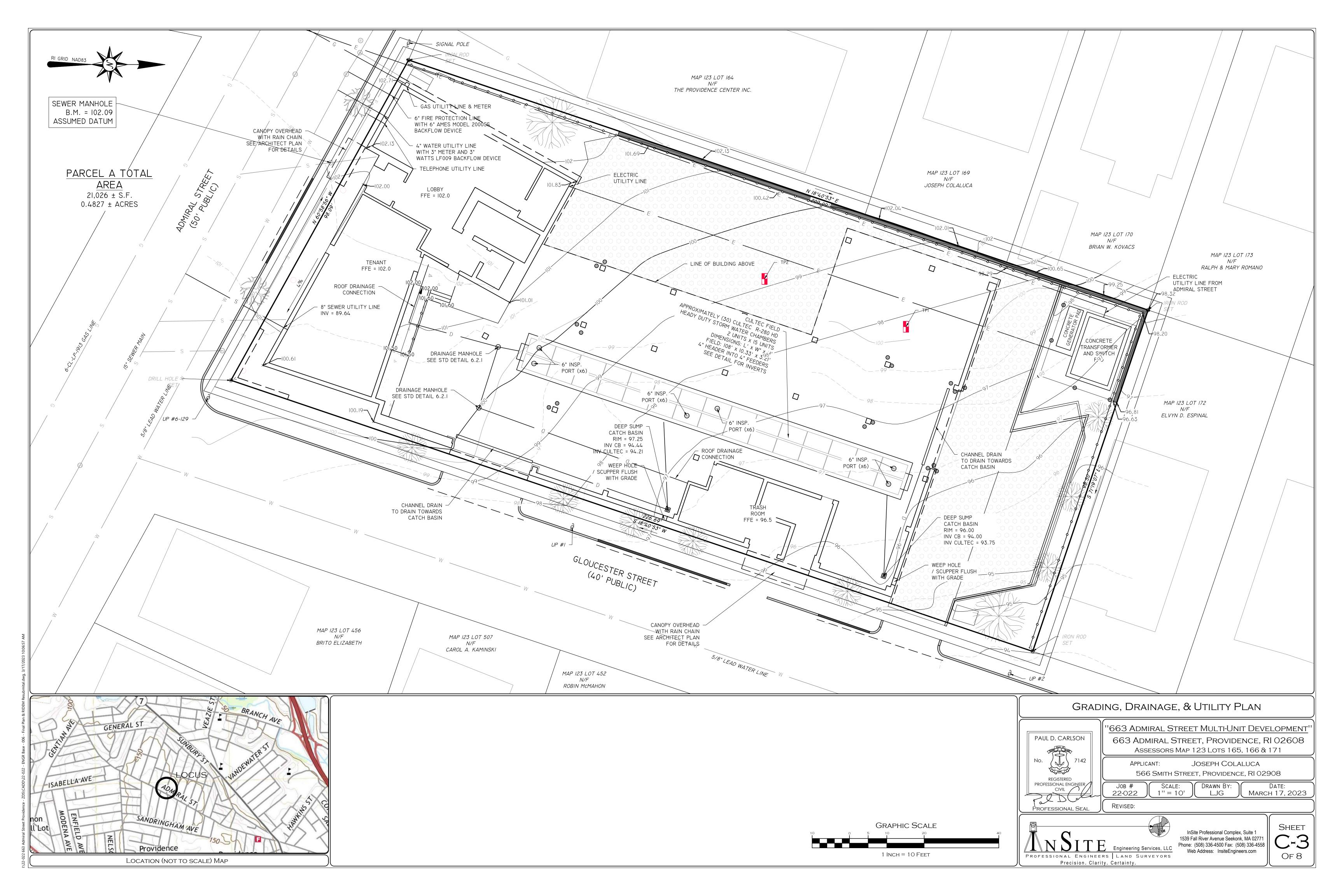
HOLLOW METAL

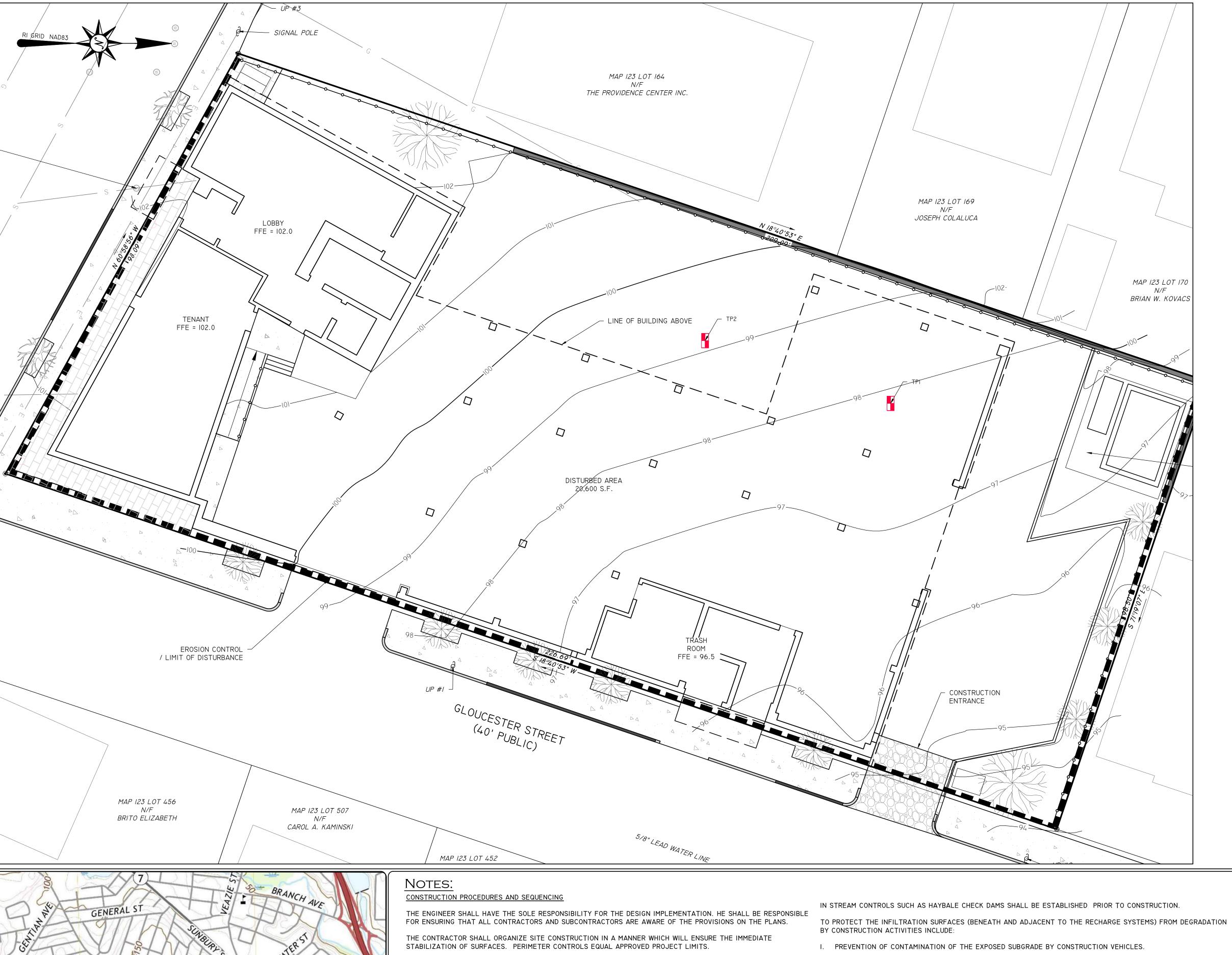
HARD FINISH CODES

CEILING TILE









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
- 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
- 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.
- 10. 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.

PRIOR TO ANY CONSTRUCTION ON SITE, THE CONTRACTOR SHALL SETUP PRE-CONSTRUCTION MEETING WITH OWNER, ENGINEER, TOWN PLANNING AND DPW PERSONAL.

PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, A LINE OF STAKED STRAW WATTLE AND OR HAYBALES, WILL BE PLACED AT ALL CONSTRUCTION TOE OF SLOPES IN THE AREA OF ROADWAY, PONDS, LANDSCAPED AREAS, AND ALONG PERIMETER OF PROJECT LIMIT OF DISTURBANCE WHERE INDICATED ON PROJECT PLANS.

-ISABELLA AVE

Providence

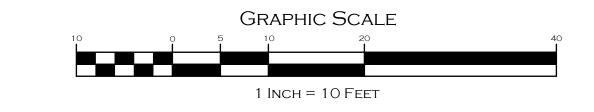
LOCATION (NOT TO SCALE) MAP

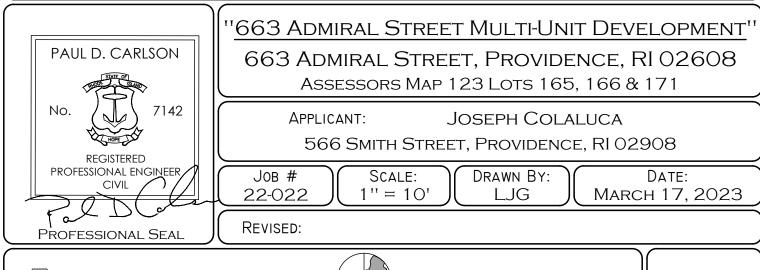
RESERVE EROSION CONTROL DEVICES SHALL BE STOCKPILED ON SITE IN THE EVENT OF EMERGENCIES AND SHALL BE LOCATED 100' FROM REGULATED WETLAND RESOURCE AREAS.

THE CONTRACTOR SHALL MAKE ALL NECESSARY PROVISIONS FOR THE PROPER STORAGE AND/OR REMOVAL OF DEBRIS ON SITE TO AVOID UNNECESSARY ACCUMULATION ON SITE.

DRAINAGE STRUCTURES SHALL BE CONSTRUCTED FROM DOWNSTREAM UP AND CONSTRUCTION SHALL INCLUDE THE PLACEMENT OF STONE AT THE FLARED PIPE ENDS AND OUTLET STRUCTURE INLETS AND OUTLETS AS SHOWN ON

- 2. PREVENTION OF EXCESSIVE COMPACTION BY CONSTRUCTION VEHICLES.
- 3. PREVENTION OF THE DISCHARGE OF WATER FROM CONSTRUCTION DEWATERING ACTIVITES INTO THESE FACILITIES.
- PREVENTION OF DISCHARGE OF STORMWATER INTO THESE FACILITIES UNTIL THE CONTRIBUTING AREAS ARE STABILIZED, UNLESS SPECIFIC MEASURES ARE PROVIDED FOR PROTECTING AND RESTORING THE INFILTRATION SURFACE.





EROSION & SEDIMENT CONTROL PLAN



InSite Professional Complex, Suite 1 1539 Fall River Avenue Seekonk, MA 02771 Phone: (508) 336-4500 Fax: (508) 336-4558 Web Address: InsiteEngineers.com

SHEET

OF 8

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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
- 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

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

CUPANCY CATEGOR	RY: II				
	GROUND SNOW LOAD, pg	3	35 PSF		
	FLAT ROOF SNOW LOAD,	p=0.7(Ce)(Ct)(Is)(pg)	27 PSF		
	DESIGN SNOW LOAD		30 PSF		
SNOW LOADS	SNOW EXPOSURE FACTOR	R, Ce	1.0		
	THERMAL FACTOR, Ct		1.1		
	SNOW LOAD IMPORTANCE	E FACTOR, Is	1.0		
	SNOW DRIFT (WHERE APP	PLIES)	48 PSF (78 PSF TOTA		
	ULTIMATE WIND SPEED (/ult)	130 MPH		
	WIND IMPORTANCE FACT	1.0			
	WIND EXPOSURE	В			
	WIND UPLIFT PRESSURES	SEE DIAGRAMS			
	WIND CLADDING PRESSU	OGE)			
		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 PRESSURES ON ROOF (MAIN / EDGE / CORNER)				
		10	±37 / ±62 / ±93 PSF		
	AREA (SF)	20	±36 / ±55 / ±77 PSF		
	AILA (SI)	50	±35 / ±47 / ±56 PSF		
		> 100	±34 / ±40 / ±40 PSF		

		. 200	
	WIND BASE SHEAR	N-S	145 KIPS
	WIND BASE SHEAK	E-W	340 KIPS
	SEISMIC IMPORTANCE FA	ACTOR, le	1.0
	SPECTRAL RESPONSE ACC	CELERATION, Ss	0.176
	SPECTRAL RESPONSE ACC	CELERATION, S1	0.062
	LONG-PERIOD TRANSITIO	NAL PERIOD, TL	6 SEC
	SITE CLASS		С
	DESIGN SPECTRAL RESPO	NSE COEFFICIENT, Sds	0.153
	DESIGN SPECTRAL RESPO	0.062	
	SEISMIC DESIGN CATEGO	А	
SEISMIC LOADS	BASIC SEISMIC FORCE RESISTING SYSTEM	GROUND TO U/S 2ND	STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
		2ND TO ROOF	LIGHT-FRAME WOOD WALLS
	SEISMIC BASE SHEAR	N-S	55 KIPS
	SEISIVIIC BASE SHEAK	E-W	55 KIPS
	RESPONSE MODIFICATION	GROUND TO U/S 2ND	R=3
	COEFFICIENT, R	2ND TO ROOF	R=6.5
	SEISMIC RESPONSE	GROUND TO U/S 2ND	0.01
	COEFFICIENT, Cs	2ND TO ROOF	0.01

GEOTECHNICAL	DESIGN LOAD BEARING N REPORT BY "RMA ENVII 4/7	-	4,000 PSF
FROST	PER LOCAL BUILDING CC		3'-4" MIN
	111/51045	CONCENTRATER	

LOADING SCHEDULE						
OCCUPANCY	SUPERIMPOSED DEAD LOAD (PSF)	LIVE LOAD (PSF)	LIVE LOAD REDUCTION	CONCENTRATED LOAD (LBS)		
CORRIDORS ABOVE 1ST FLOOR	30	100	NO	-		
GROUND FLOOR LOBBIES AND PUBLIC AREAS	30	100	NO	-		
GARAGE	15	40	NO	3,000		
STAIRS	40	100	NO	-		
ROOF	20	20	NO	300		
RESIDENTIAL	15	40	YES	_		

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:
- 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
- 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
- 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)

ASTM A36

- 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): 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:

END REACTIONS

	END RE	:ACTIONS					
	FOR SHEAR CONNECTIONS						
BEAM SIZES	MIN REQ'D SHEAR CAPACITY (ASD)	BEAM SIZES	MIN REQ'D SHEAR CAPACITY (ASD)				
W8X10-W8X18 W10X12-W10X15	10 K	W14X68+ W16X67+					
W8X21-W8X28 W10X17-W10X26 W12X14-W12X19	25 K	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 K				
W12X65+ W14X53-W14X61 W16X45-W16X57 W18X35-W18X55 W21X44-W21X50	50 K	OTHERS	SEE PLANS				

- 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 =
- 4. PARALLLAM PSL COLUMNS OR ANOTHY POWER COLUMNS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
- 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.
- 9. FASTENERS EXPOSED TO THE WEATHER SHALL BE GALVANIZED OR STAINLESS STEEL.
- 10. BORED OR CUT HOLES SHALL NOT BE CUT OR BORED MORE THAN 1/3 OF THE DEPTH
- OVERLAPPING CORNERS AND INTERSECTIONS. TOP PLATE JOINTS SHALL BE OFFSET NOT

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
- 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

FIRST, STRONG VS WEAK, ETC).

- 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



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

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

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.

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.

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 LESS THAN 48 INCHES.

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.
- 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

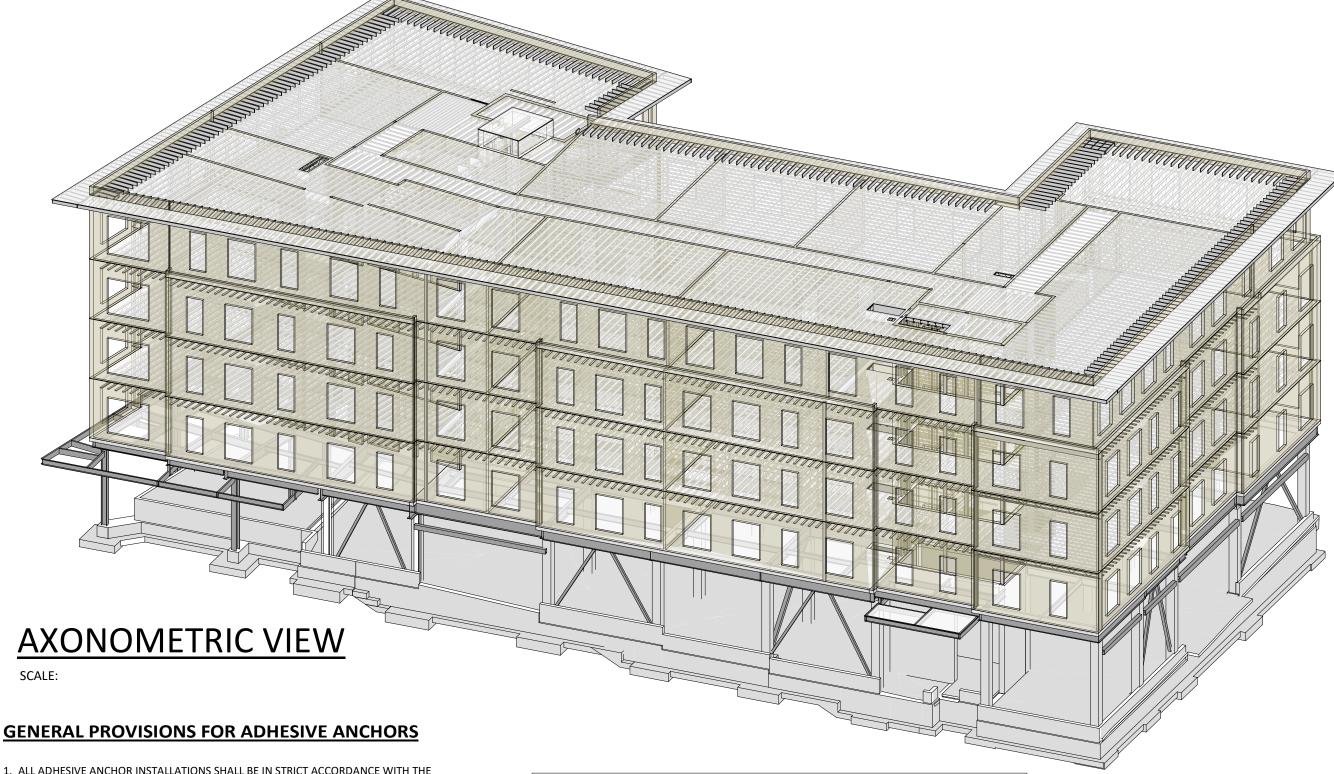
FORCES IN BUILDINGS CATEGORIZED AS SEISMIC DESIGN CATEGORY C, D, E, OR F SHALL

5. ADHESIVE ANCHORS PROPOSED FOR INSTALLATION IN BUILDINGS CATEGORIZED AS

- 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 ET-HP AS MANUFACTURED BY SIMPSON STRONG-TIE 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

DESIGNED USING ALLOWABLE STRESS DESIGN METHODS.



	DRAWING LIST		
SHEET NUMBER	SHEET NAME	PERMIT SET - 2022 10 05	CD SET - 2023 03 17
S0.00	GENERAL NOTES	Х	X
\$0.10	GENERAL NOTES & SPECIAL INSPECTIONS	Х	Х
S0.20	FOUNDATION ISOMETRIC	Х	Х
\$1.00	BASEMENT PLAN	Х	Х
S1.01	GROUND FLOOR PLAN	Х	Х
S1.01A	CANOPY PARTIAL FRAMING PLAN		Х
S1.02	2ND FLOOR FRAMING PLAN	Х	Х
S1.02A	2ND FLOOR FRAMING PLAN WITH BEARING WALLS	Х	Х
S1.03	3RD FLOOR FRAMING PLAN	Х	Х
S1.04	4TH FLOOR FRAMING PLAN	Х	Х
S1.05	5TH FLOOR FRAMING PLAN	Х	Х
S1.06	ROOF FRAMING PLAN	X	X
S2.00	EXTERIOR ELEVATIONS	X	X
S2.01	EXTERIOR ELEVATIONS	X	X
S2.10	BUILDING SECTIONS		X
S2.11	BUILDING SECTIONS		X
S2.12	BUILDING SECTIONS		X
S2.12	BUILDING SECTIONS		X
S2.14	BUILDING SECTIONS		X
S3.00	PODIUM LATERAL SYSTEM	X	X
\$3.01	LATERAL FRAME ELEVATIONS	X	X
S3.02	WOOD SHEAR WALL PLANS	X	X
S3.10	LOADING DIAGRAMS - SNOW AND UPLIFT		X
\$3.20	BASE PLATE DETAILS	X	X
S4.00	TYPICAL FOUNDATION DETAILS I	X	X
S4.01	TYPICAL FOUNDATION DETAILS II	X	X
S4.02	TYPICAL FOUNDATION DETAILS III	X	X
S4.03	TYPICAL FOUNDATION DETAILS IV	Х	X
S4.04	TYPICAL FOUNDATION WALLS V		Х
S4.90	FOUNDATION DETAILS	X	Х
S4.91	FOUNDATION DETAILS	X	Х
S5.00	TYPICAL METAL DECK DETAILS	X	Х
S5.01	TYPICAL METAL DECK DETAILS	Х	X
S5.02	TYPICAL METAL DECK DETAILS	Х	Х
S5.10	TYPICAL STEEL DETAILS	Х	Х
S5.20	TYPICAL STEEL CONNECTION DETAILS	Х	X
\$5.30	TYPICAL STEEL BRACING CONNECTIONS	X	X
S5.40	TYPICAL STEEL SPANDREL DETAILS	Х	Х
S5.41	TYPICAL SPANDREL DETAILS		Х
S6.00	TYPICAL WOOD TRUSS FRAMING DETAILS I	X	Х
S6.01	TYPICAL WOOD TRUSS FRAMING DETAILS II	Х	X
S6.20	TYPICAL WOOD FRAMING DETAILS	Х	Х
S6.21	TYPICAL WOOD FRAMING DETAILS	Х	Х
S6.22	TYPICAL WOOD FRAMING DETAILS		Х
S6.70	TYPICAL WOOD WALL DETAILS	Х	Х
S6.71	TYPICAL WOOD WALL DETAILS	Х	Х
S6.80	TYPICAL WOOD SHEARWALL DETAILS I	Х	Х
S6.81	TYPICAL WOOD SHEARWALL DETAILS II	Х	Х
\$7.00	TYPICAL MASONRY DETAILS	Х	Х

S7.01 TYPICAL MASONRY DETAILS

CLIENT NAME

PROVIDENCE, RI 02904 +1.401.680.6699 1416 P STREET NW, 2ND FLOOR WASHINGTON, DC 20005

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2 CHARLES STREET, SUITE A1

STAMP

CONSULTANT

Structures Workshop, Inc www.structuresworkshop.com Providence, RI 401-383-8988

PROJECT NAME

663 ADMIRAL ST MIXED USE

663 ADMIRAL STREET PROVIDENCE, RI 02908

PROJECT NO. SW#22088 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

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PERMIT SET

CD SET

DATE

10-05-22

03-17-23

WITH THE INTENT OF THIS PROJECT.

NO. DESCRIPTION

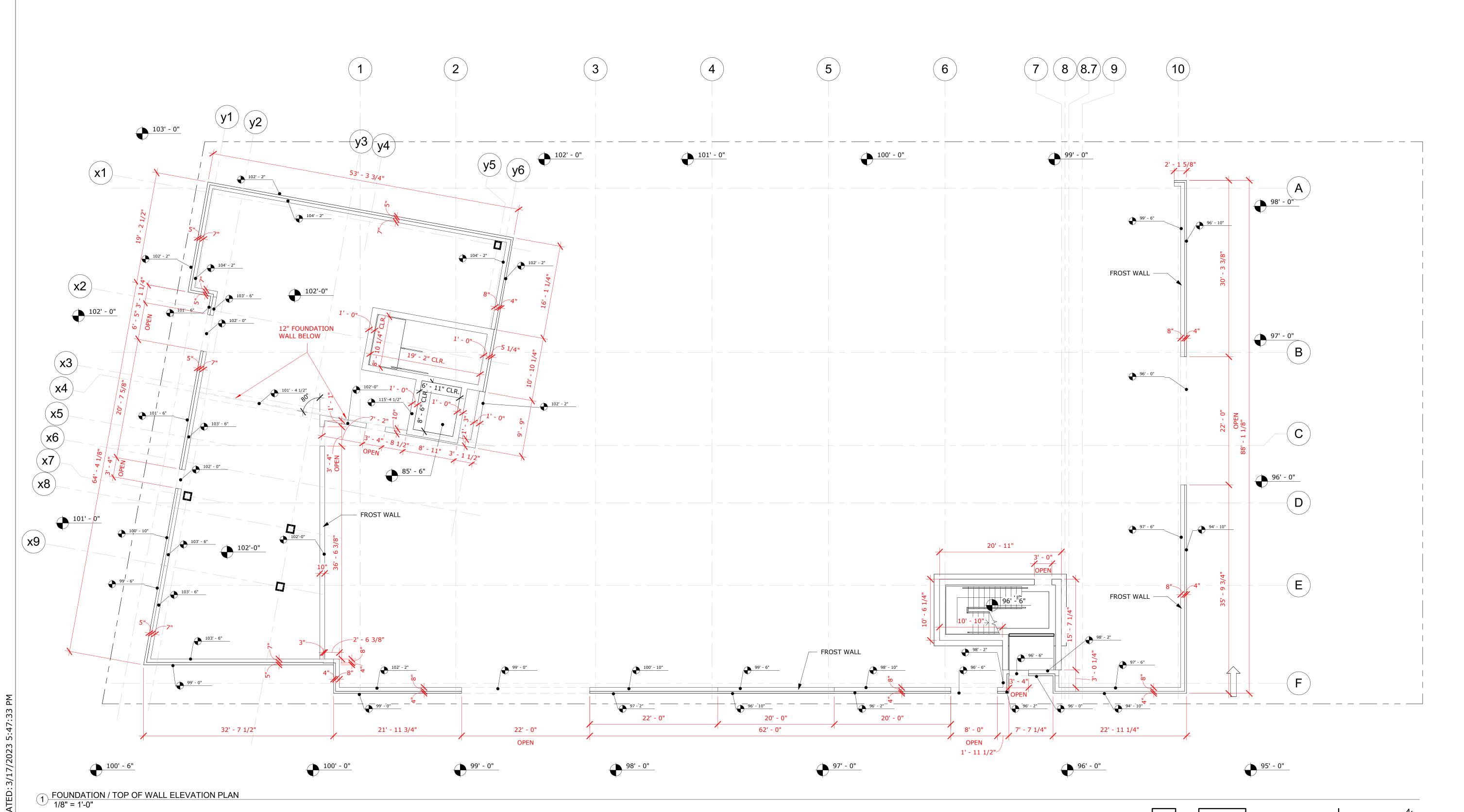
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ISSUED DATE:03-17-2023

SHEET TITLE **GENERAL**

DRAWING NO.





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CONSULTANT

ADMIRAL ST. MULTI-UNIT DEVELOPMENT

663 ADMIRAL STREET, PROVIDENCE, RI 02908

PROJECT NO. 22028

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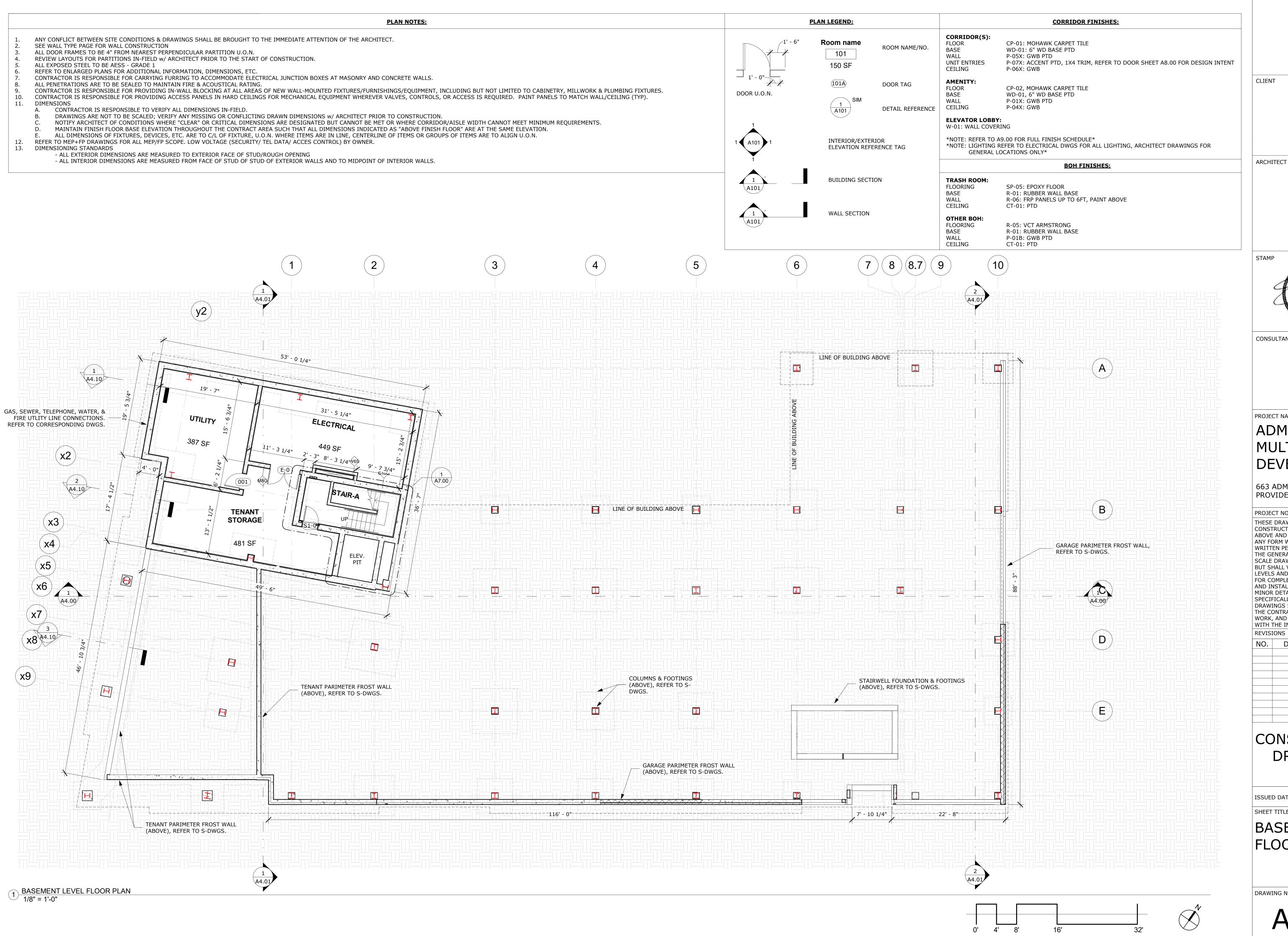
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CONSTRUCTION DRAWINGS

ISSUED DATE:03/17/2023

FOUNDATION FLOOR PLAN

DRAWING NO.





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CONSULTANT

PROJECT NAME

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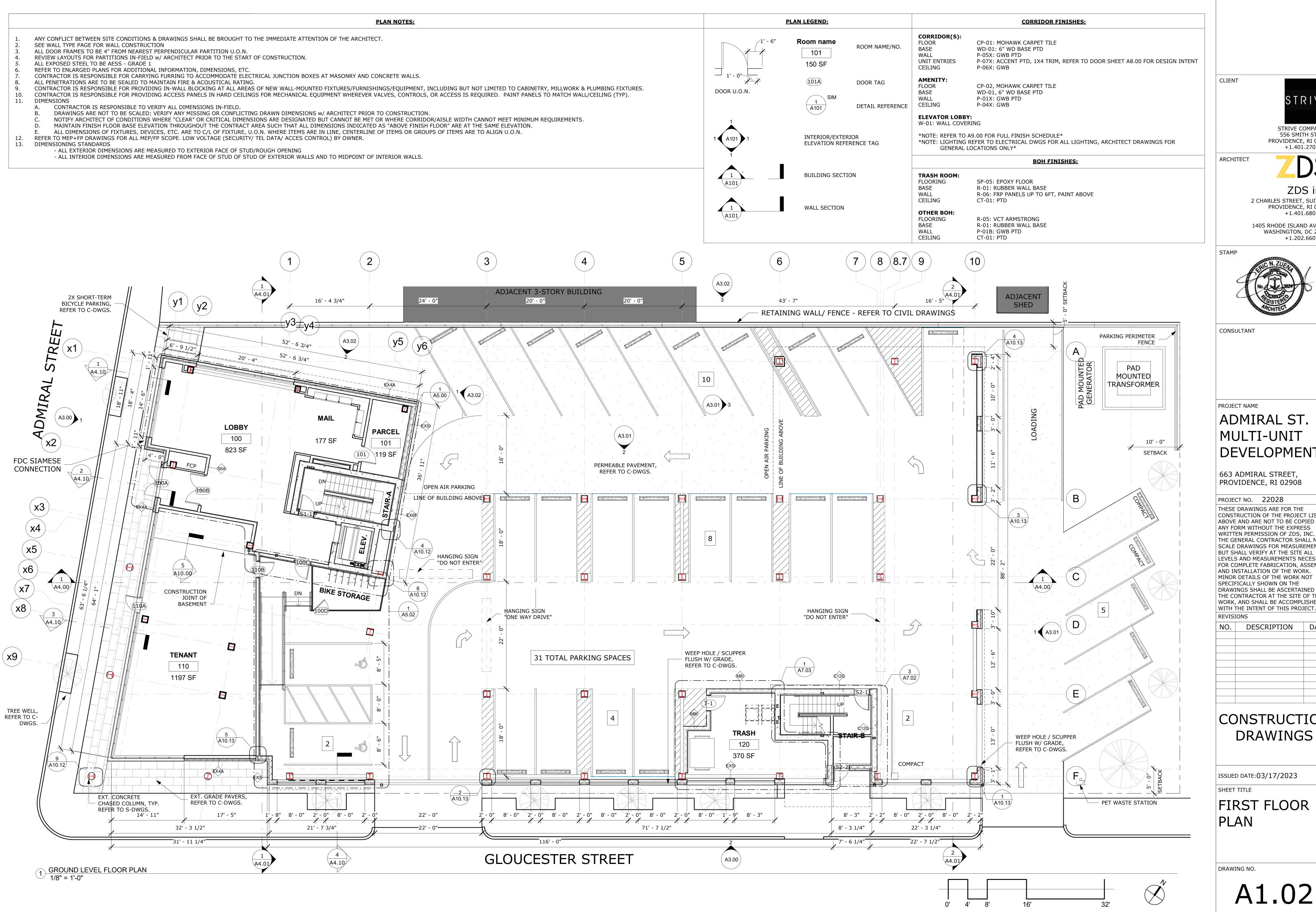
10.	DESCRIPTION	DATE

CONSTRUCTION DRAWINGS

ISSUED DATE:03/17/2023

BASEMENT FLOOR PLAN

DRAWING NO.





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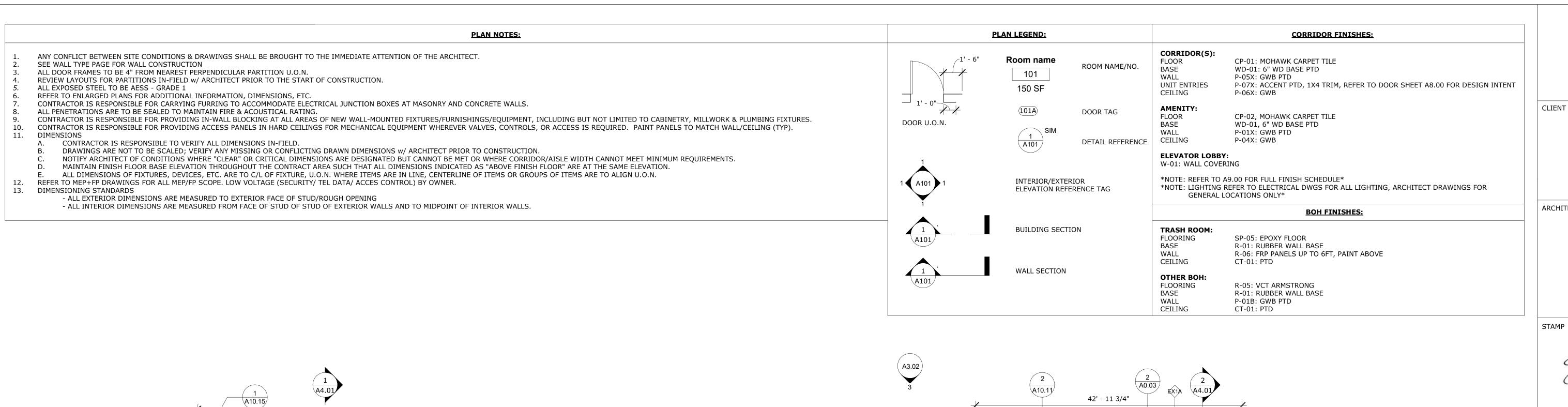
Э.	DESCRIPTION	DATE
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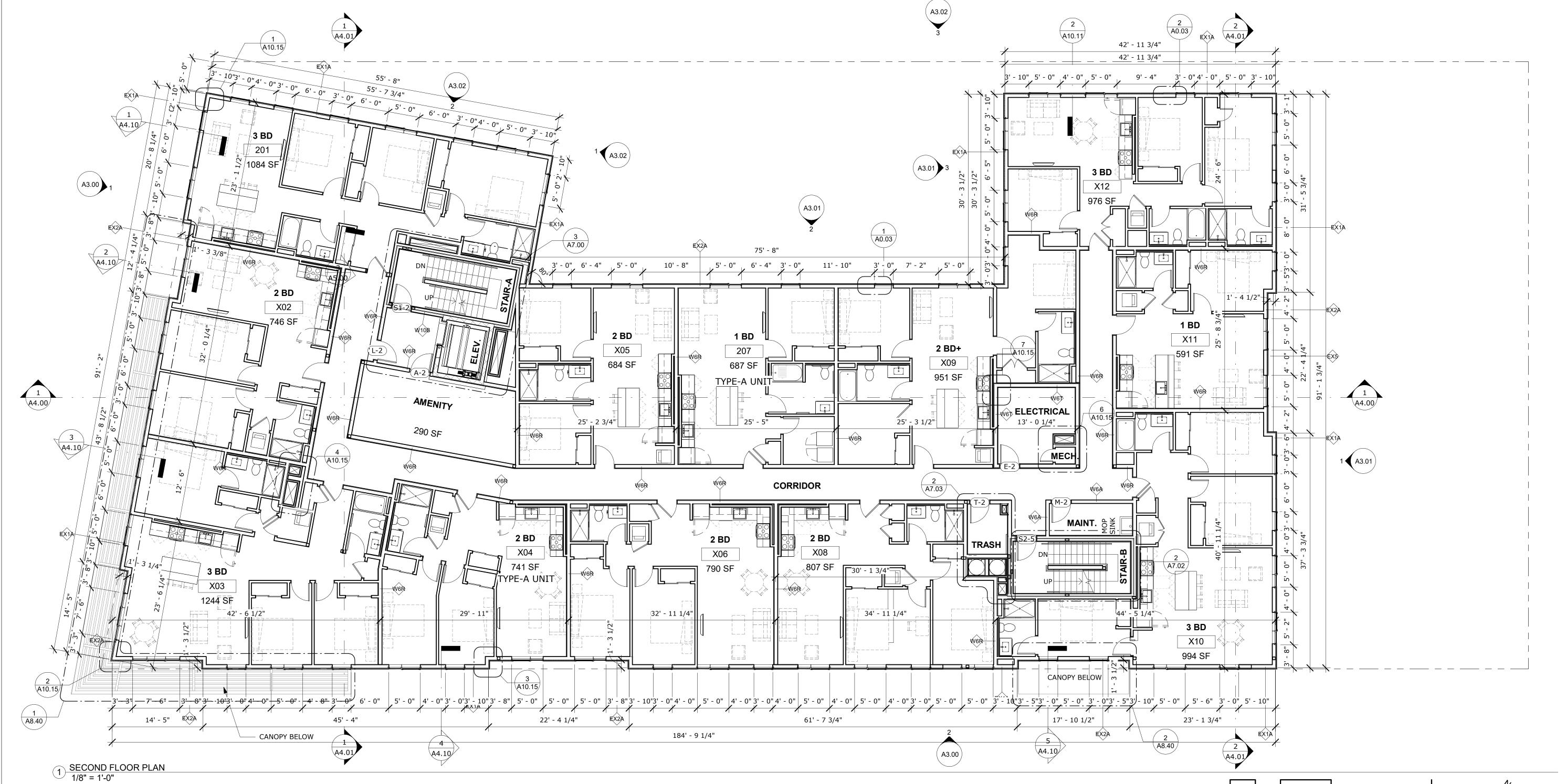
CONSTRUCTION **DRAWINGS**

ISSUED DATE:03/17/2023

FIRST FLOOR PLAN

DRAWING NO.







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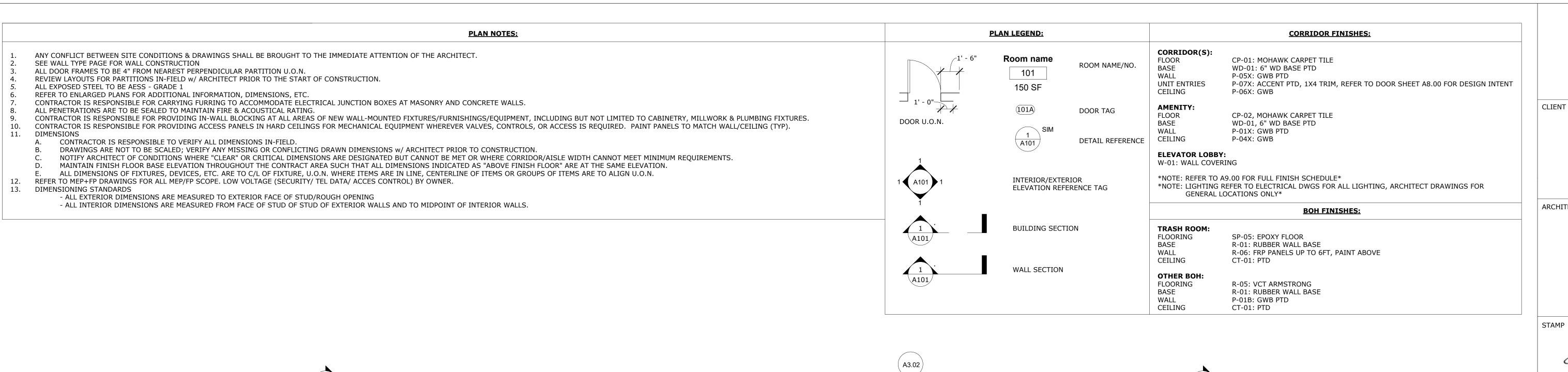
Э.	DESCRIPTION	DATE

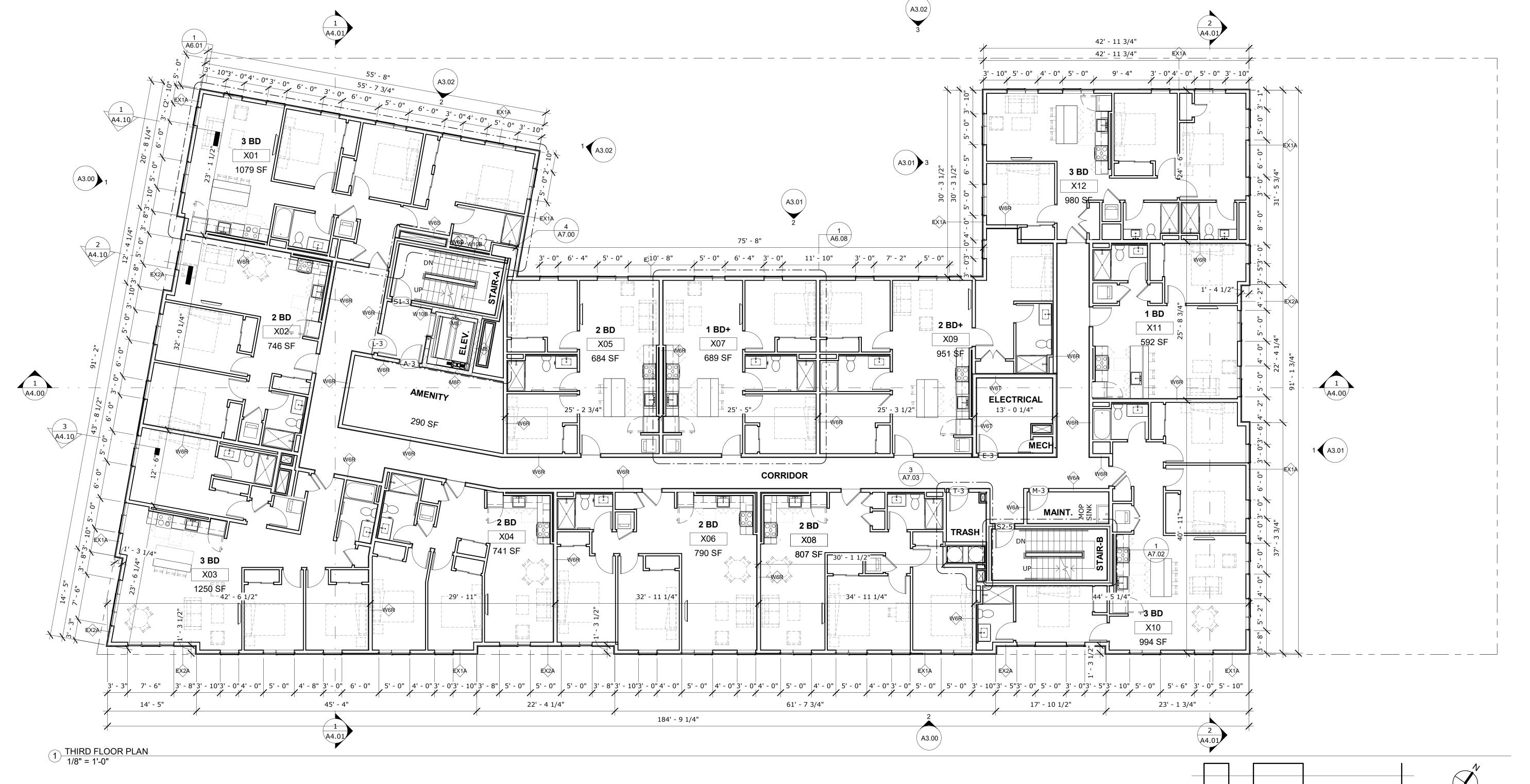
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SECOND FLOOR PLAN

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CONSULTANT

PROJECT NAME

REVISIONS

ADMIRAL ST. **MULTI-UNIT DEVELOPMENT**

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PROJECT NO. 22028

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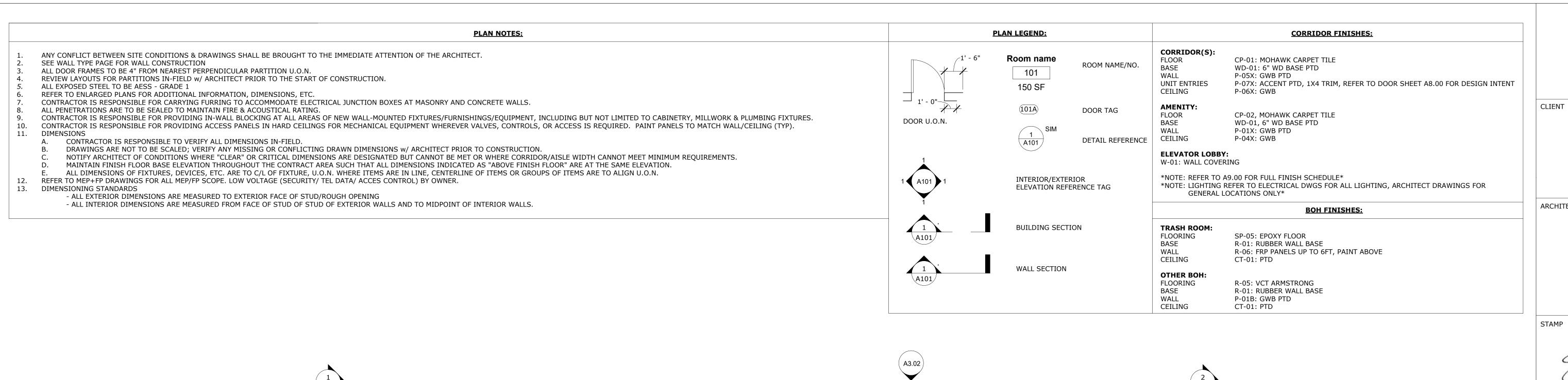
CONSTRUCTION DRAWINGS

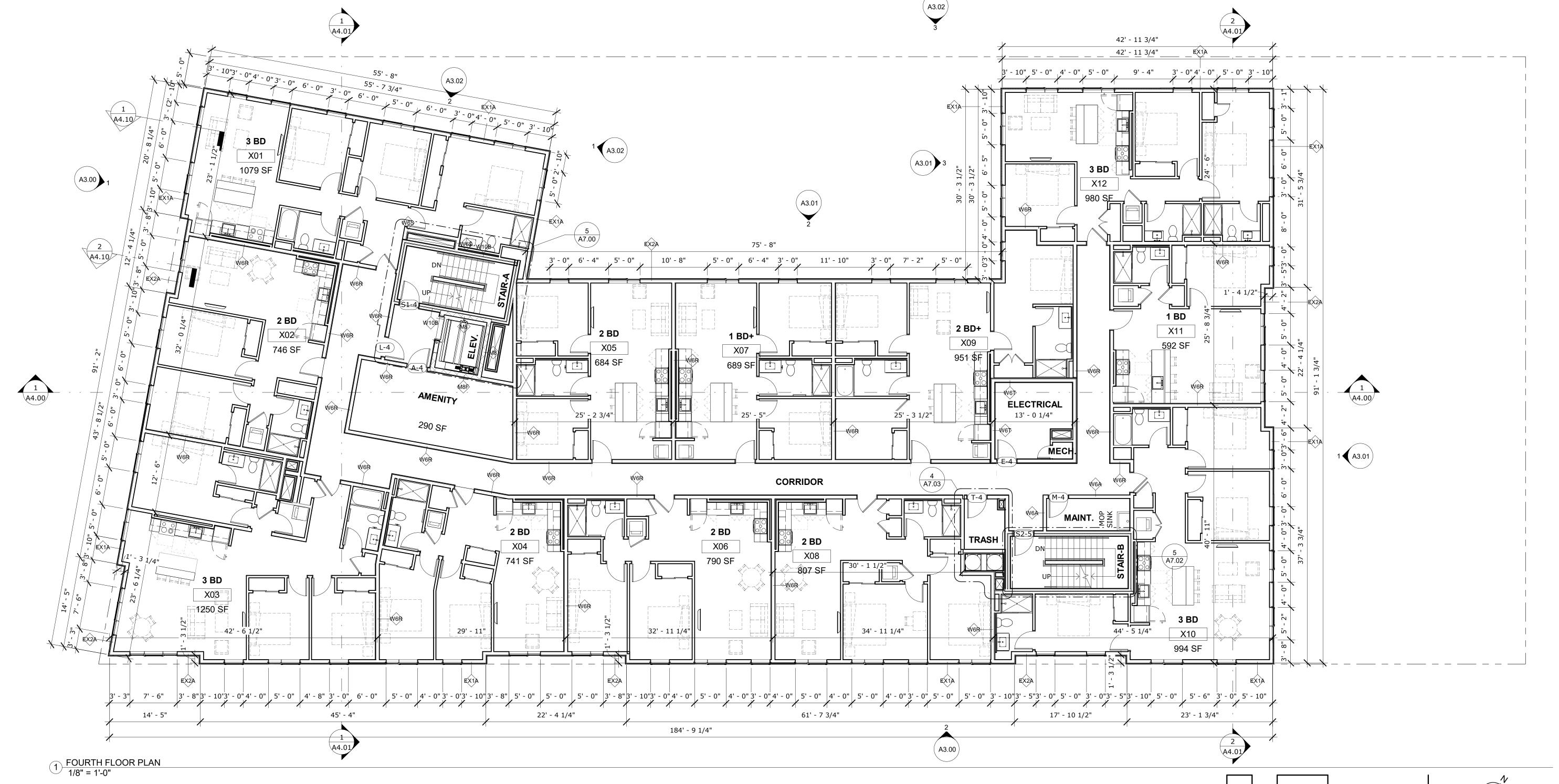
ISSUED DATE:03/17/2023

THIRD FLOOR PLAN

DRAWING NO.

SHEET TITLE







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CONSULTANT

PROJECT NAME

ADMIRAL ST. **MULTI-UNIT DEVELOPMENT**

PROVIDENCE, RI 02908

PROJECT NO. 22028

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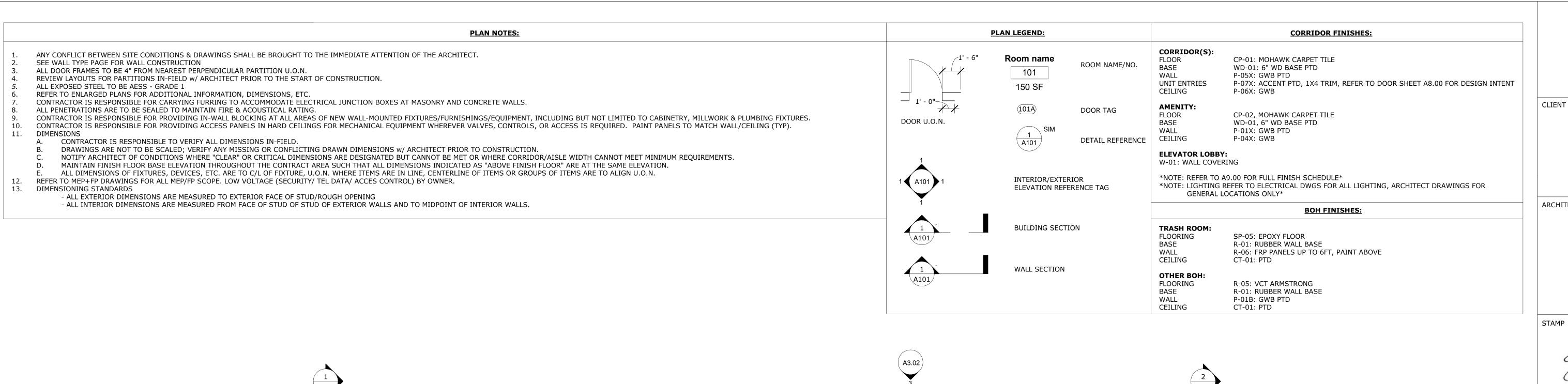
Ο.	DESCRIPTION	DATE

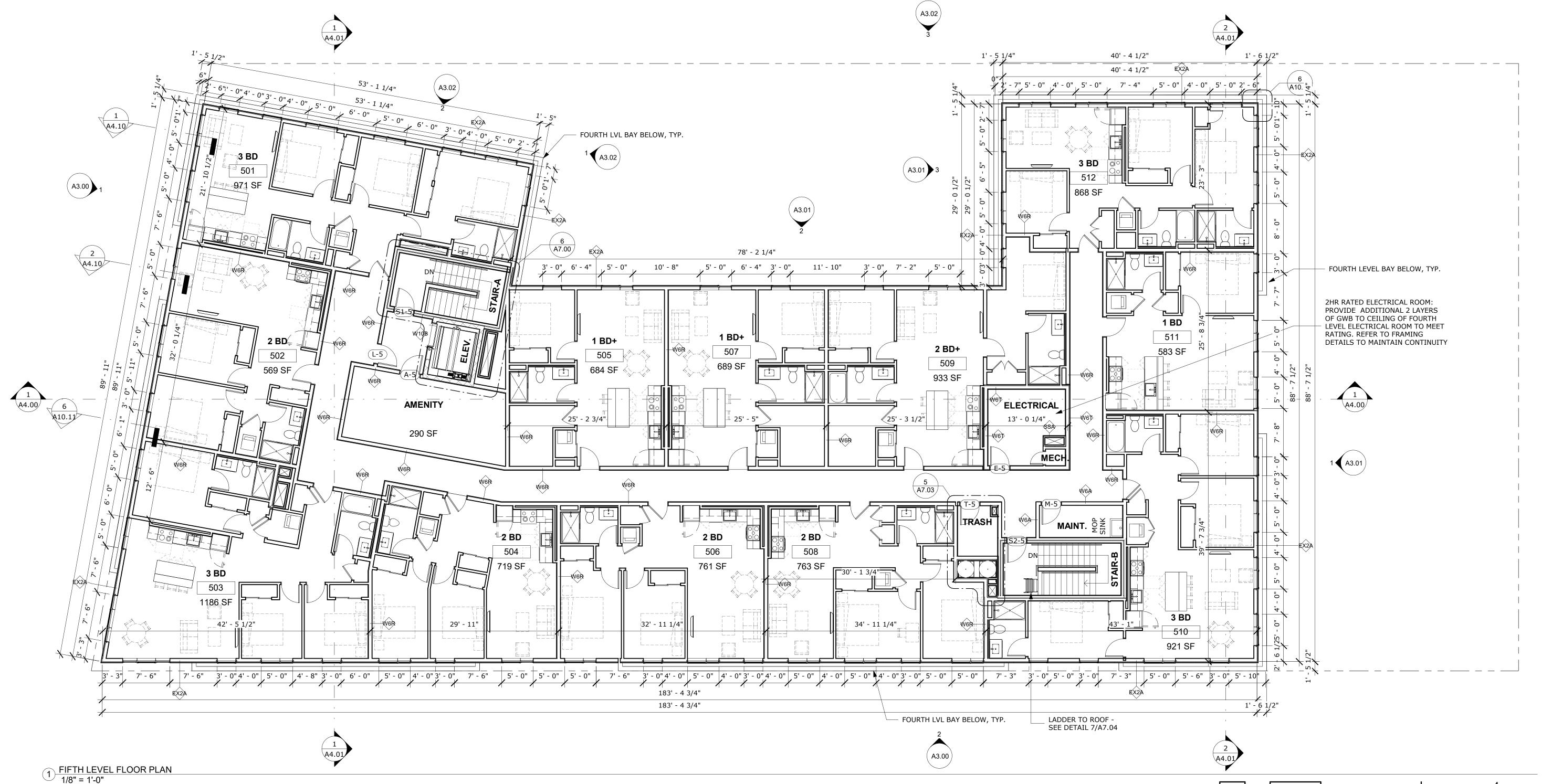
CONSTRUCTION DRAWINGS

ISSUED DATE:03/17/2023

SHEET TITLE FOURTH FLOOR PLAN

DRAWING NO.







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CONSTRUCTION DRAWINGS

ISSUED DATE:03/17/2023

FIFTH FLOOR PLAN

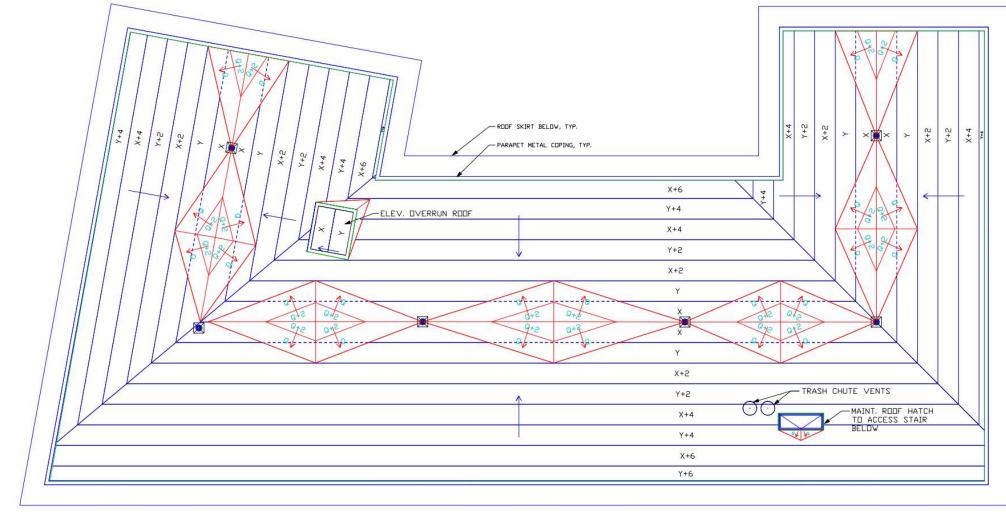
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SHEET TITLE

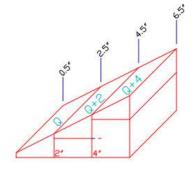
ROOF PLAN NOTES:

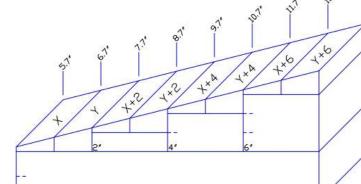
FRT PLYWD SHEATHING AS REQ'D 4'-0" ON EACH SIDE OF RATED UNIT DEMISING WALLS

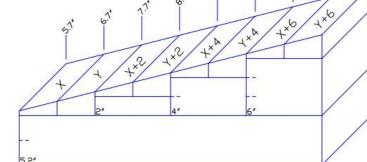
- ROOFING MATERIAL TO BE EPDM ROOFING MEMBRANE SYSTEM OVER TAPERED INSULATION PITCHED TO ROOF DRAINS. BASIS OF DESIGN IS FIRESTONE EPDM ROOFING ASSEMBLY. INSTALL PER MANF STANDARDS.
- OVERFLOW DRAINAGE SHALL BE THROUGH SCUPPERS AT THE REAR OF THE BUILDING PROVIDE FLASHING, BACKER ROD & SEALANT AT ALL EXTERIOR ROOF PENETRATIONS AND VENTS PER ROOFING
- MANF. RECOMMENDATIONS. PROVIDE INSULATION WITHIN ROOF FRAMING CAVITY AS NOTED ON ASSEMBLY SHEET
- INSTALL NEW EPDM FLASHING & COUNTERFLASHING AT ALL ROOF/WALL INTERSECTIONS AND PENETRATIONS
- INCLUDING BUT NOT LIMITED TO: STACKS, EQUIPMENT CURBS, STAIR/ELEVATOR ROOF PENTHOUSES, ETC. PROVIDE FLASHING, BACKER ROD & SEALANT AT ALL EXTERIOR ROOF PENETRATIONS AND VENTS PER ROOFING MANF. RECOMMENDATIONS.
- PROVIDE CONTINUOUS ROOF FLASHING AS PER MANF. RECOMMENDATIONS AT ALL MECH. ROOF CURBS. PROVIDE ROOF PADS & METAL GUARDRAILS FROM DOOR AT ROOF ACCESS TO NEW RTU & OTHER MECHANICAL
- REFER TO MECH/ELEC/PLUMBING DRAWINGS FOR EQUIPMENT LOCATIONS. PROVIDE CURBS AT ALL PIECES OF
- REFER TO ROOF DETAILS.
- 11. INSULATION SHALL BE POLYISOCYANURATE @ MIN 5" THICKNESS FOR R VALUE OF MIN. 30.

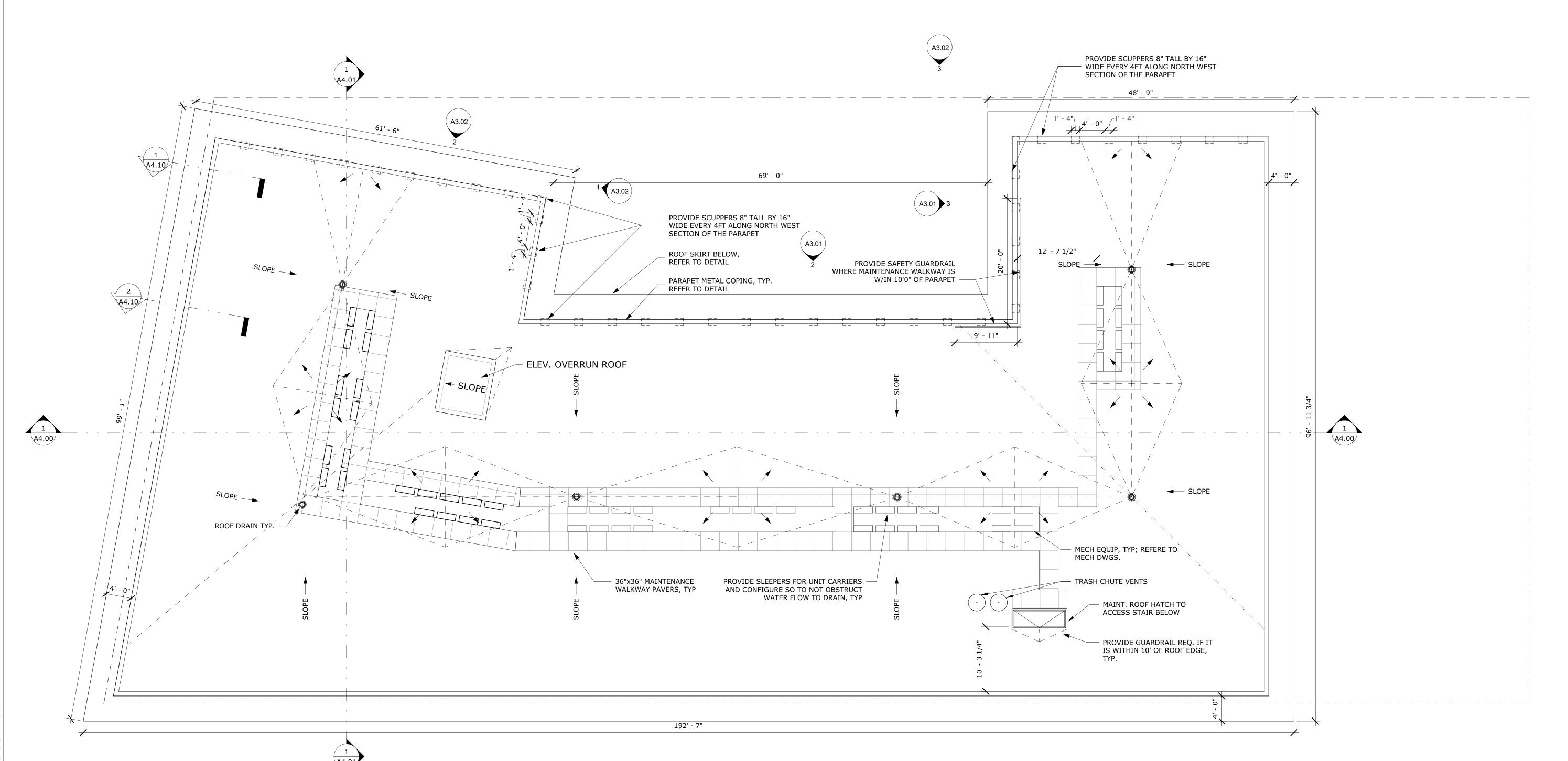


TAPERED INSULATION DIAGRAM
NOT TO SCALE









CLIENT

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ARCHITECT

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CONSULTANT

PROJECT NAME

ADMIRAL ST. MULTI-UNIT DEVELOPMENT

663 ADMIRAL STREET, PROVIDENCE, RI 02908

PROJECT NO. 22028

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CONSTRUCTION DRAWINGS

ISSUED DATE:03/17/2023

SHEET TITLE

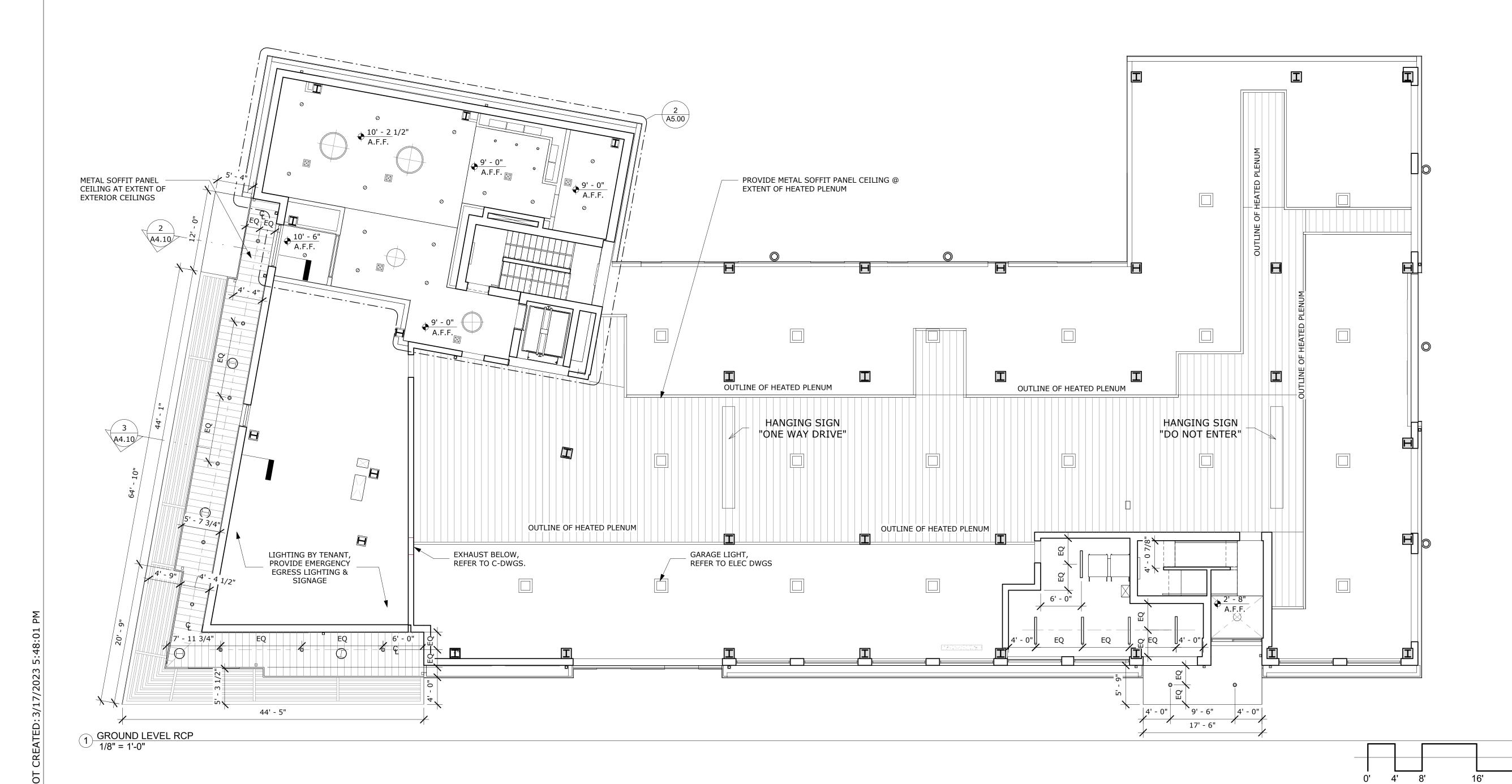
ROOF PLAN

DRAWING NO.

A1.07

1) ROOF FLOOR PLAN 1/8" = 1'-0"

	REFLECTED CEILING PLAN NOTES:		REFLECTED CE	ILING LEGEND:	
1.	CODE REQUIRES 1-HR SEPARATION BETWEEN ALL FLOORS.	x' - x" AFF	CEILING HEIGHT	$\prod_{i=1}^{n}$	REFLECTOR WALL
2.	ALL CEILING HEIGHTS ARE MEASURED FROM ABOVE FINISHED FLOOR (AFF), UNLESS OTHERWISE NOTED.	•	TAG		MOUNT
3.	ALL GWB CEILINGS ARE TO BE TAPED, PRIMED, AND PAINTED.				
4.	REFER TO ELECTRICAL DRAWINGS FOR SPECIFICATIONS FOR ALL LIGHTING	Ø	4" RECESSED		
	FIXTURES.		LED CAN		LIALLWAY CUREACE
5.	MATCH LIGHTING TRIMS TO ADJACENT PAINT, TYP			0	HALLWAY SURFACE
6.	FINAL LOCATIONS OF EXIT SIGNAGE, SMOKE DETECTORS, DIFFUSERS,			_	MOUNT
	SWITCHES, OUTLETS, ETC. TO BE COORDINATED & APPROVED BY ARCHITECT	\bigcirc	6" RECESSED		
	PRIOR TO COMPLETION.		LED CAN		
7.	ALL DIMENSIONS OF FIXTURES, DEVICES, ETC. ARE TO CENTERLINE OF				
	FIXTURE U.O.N. WHERE ITEMS ARE IN LINE, AS INDICATED BY DASHED				ELEVATOR LOBBY
	LINES, CENTERLINEOF ITEMS OR GROUP OF ITEMS TO ALIGN, U.O.N. NOTIFY				FEATURE LIGHT
	ARCHITECT OF ANY CONFLICTS.		LINEAR LIGHT		
8.	PROVIDE FIRE RETARDANT WOOD BLOCKING ABOVE CEILING AS REQUIRED				
	FOR SPECIALTY CONSTRUCTION ITEMS, I.E. PENDANTS, CEILING MOUNTED				
0	DEVICES, ETC.				
9.	ALL DIFFUSERS & DEVICES IN CEILING TO BE PAINTED TO MATCH CEILING		GARAGE		
10	COLOR. REVIEW W/ ARCHITECT PRIOR TO COMPLETION.		DOWNLIGHT		
10.	CONFIRM MOUNTING HEIGHTS OF PENDANTS & SCONCES W/ ARCHITECT PRIOR TO COMPLETION.		DOWNLIGHT		
11.	CEILING HEIGHTS ARE +/- GWB TO BE DIRECTLY ATTACHED TO BOTTOM OF				LOBBY FEATURE
11.	STRAPPING BELOW JOISTS, U.N.O.			\\	LIGHT
12.	PROVIDE UL RATED CAN LIGHTS WHERE CAN LIGHTS ARE NOTED. AS THEY				
14.	ARE LOCATED IN RATED CEILING AND ADJACENT TO INSULATION, TYP.				
13.	REFER TO POWER AND SWITCHING PLANS FOR MORE INFO		SUPPLY		
14.	ALL LIGHTING TO BE ON ISOLATED DIMMERS UNLESS OTHERWISE NOTED		DIFFUSER		
15.	ALL CEILINGS ARE GWB UNLESS OTHERWISE NOTED.		= 33		





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ARCHITECT

ZDS inc.

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CONSULTANT

PROJECT NAME

ADMIRAL ST. MULTI-UNIT DEVELOPMENT

663 ADMIRAL STREET, PROVIDENCE, RI 02908

PROJECT NO. 22028

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NO. DESCRIPTION DATE

CONSTRUCTION DRAWINGS

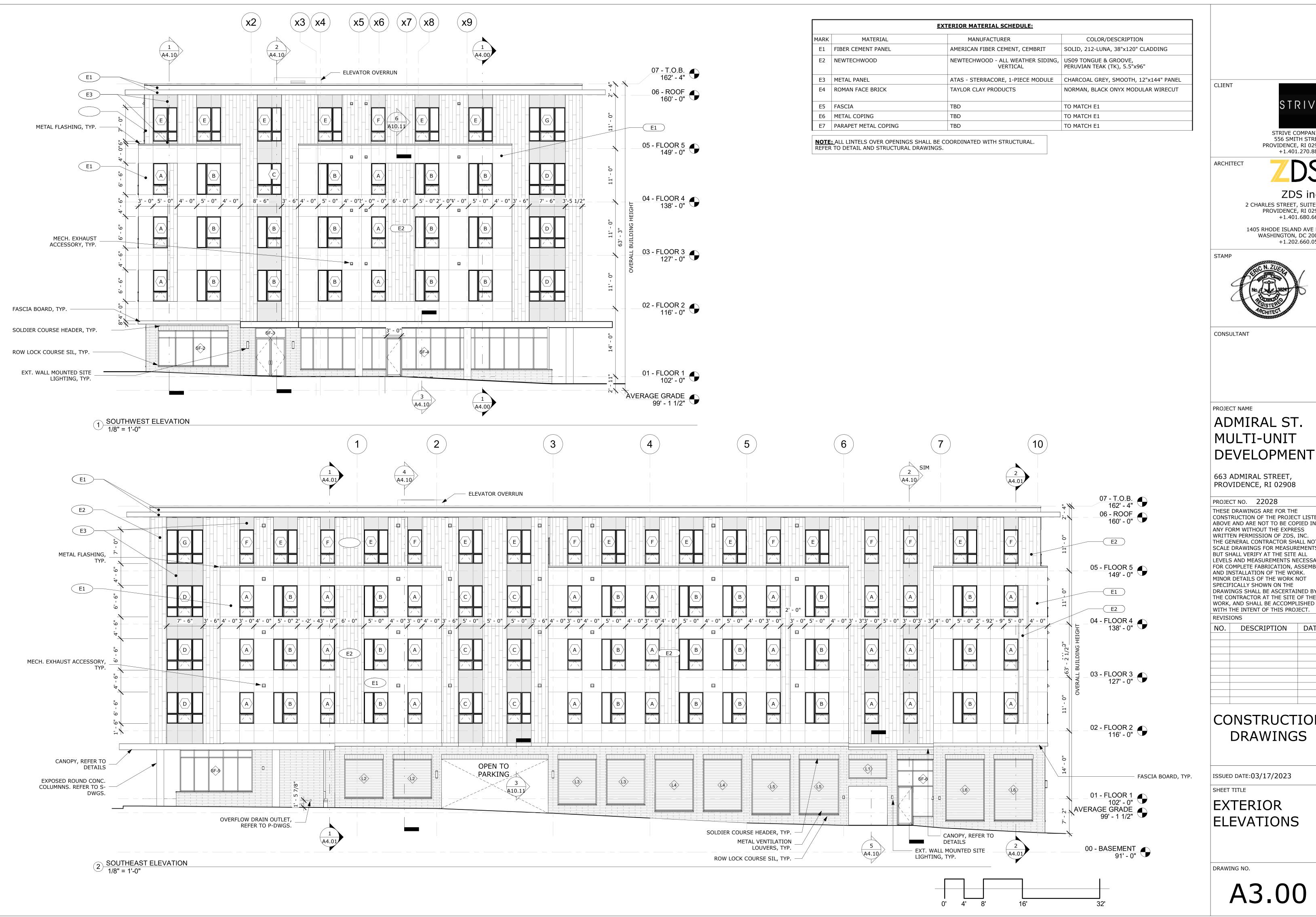
ISSUED DATE:03/17/2023

SHEET TITLE

FIRST FLOOR RCP

DRAWING NO.

A2.01





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ARCHITECT

ZDS inc.

PROVIDENCE, RI 02904 +1.401.680.6699 1405 RHODE ISLAND AVE NW

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WASHINGTON, DC 20005 +1.202.660.0555



CONSULTANT

PROJECT NAME

ADMIRAL ST. **MULTI-UNIT DEVELOPMENT**

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CONSTRUCTION DRAWINGS

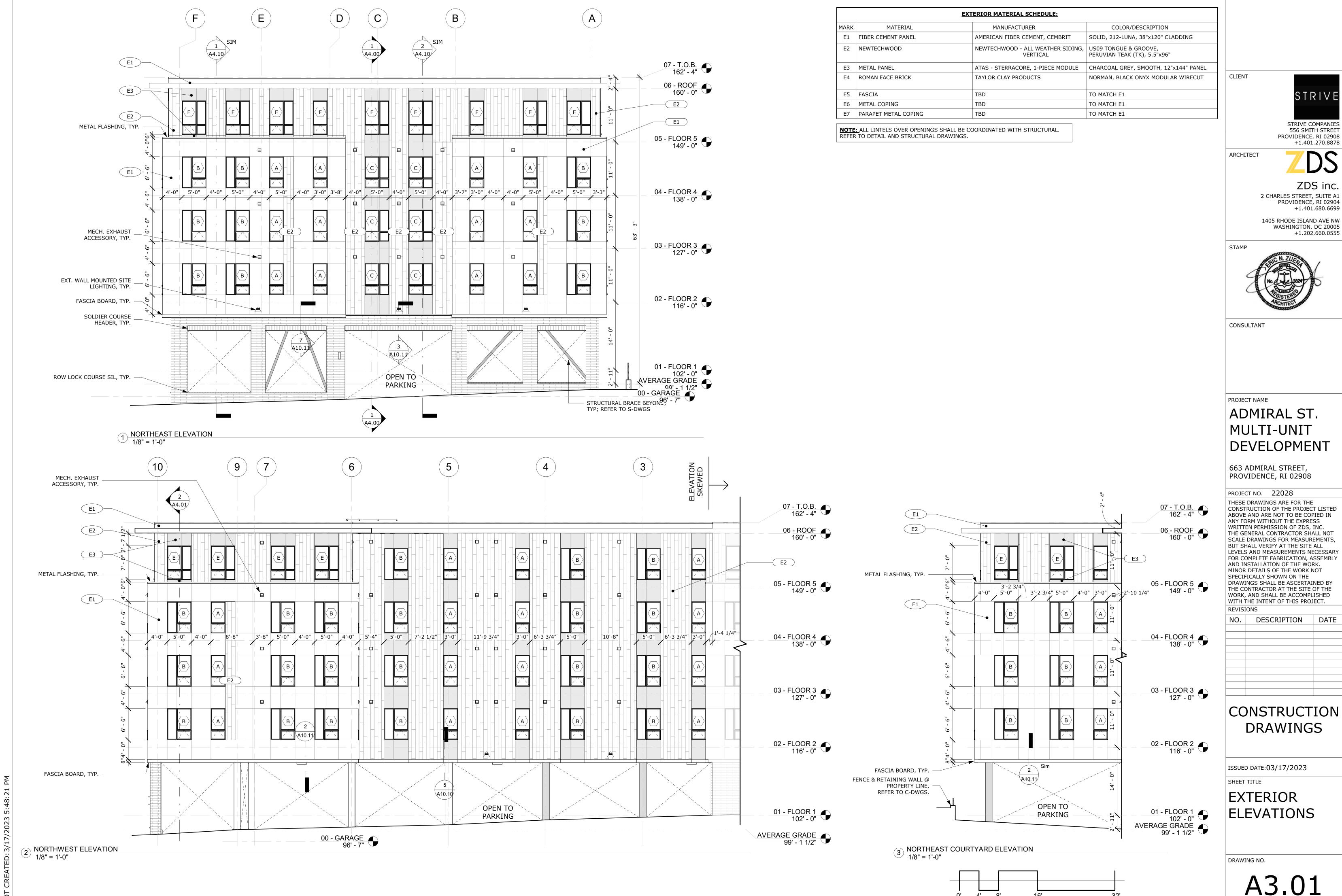
ISSUED DATE:03/17/2023

SHEET TITLE

EXTERIOR **ELEVATIONS**

DRAWING NO.

A3.00



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MULTI-UNIT DEVELOPMENT

663 ADMIRAL STREET,

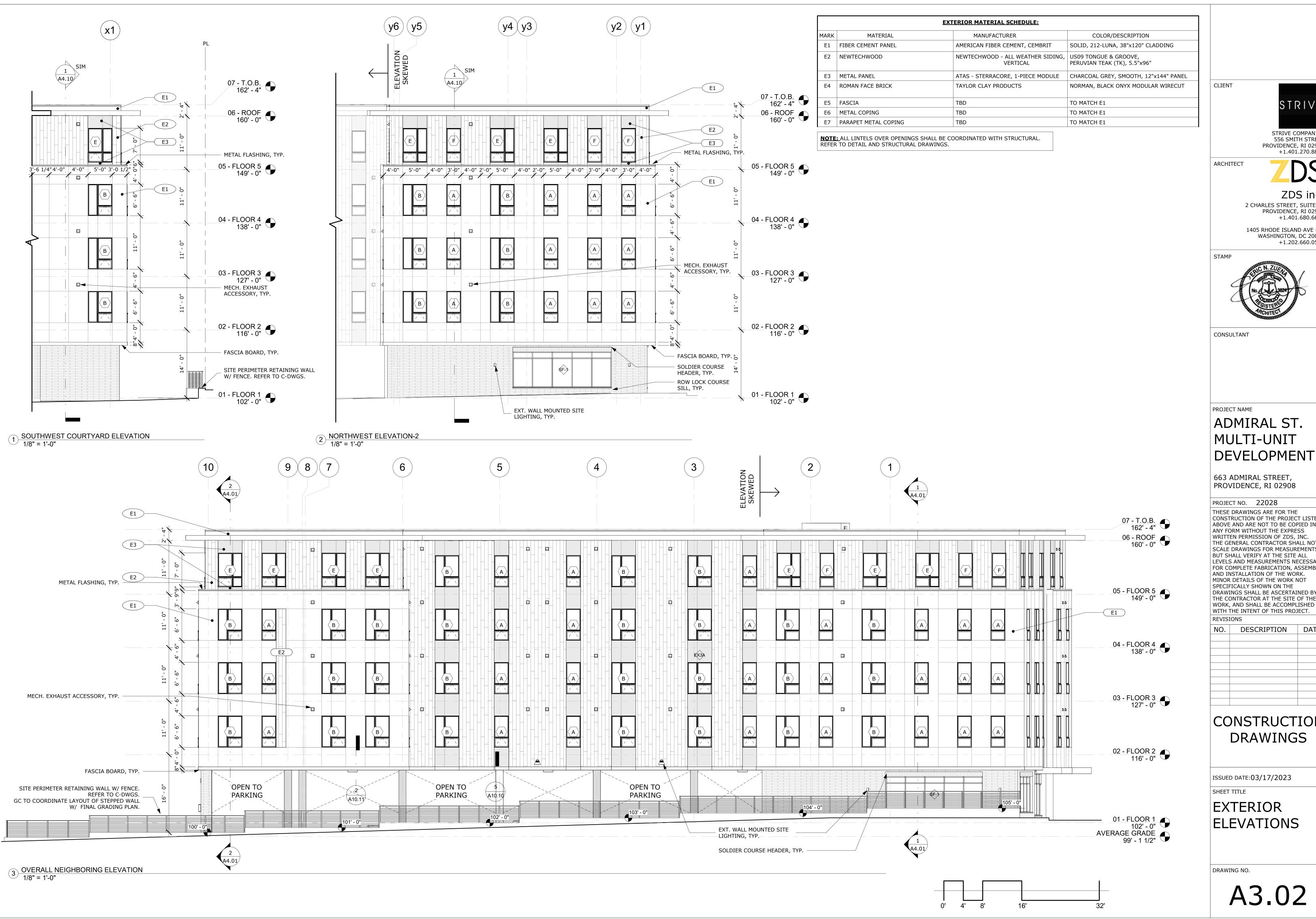
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DRAWINGS

EXTERIOR

A3.01





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CONSULTANT

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CONSTRUCTION **DRAWINGS**

ISSUED DATE:03/17/2023

EXTERIOR

A3.02

PROPERTY 07 - T.O.B. 162' - 4" 06 - ROOF 160' - 0" 05 - FLOOR 5 149' - 0" HZ2 (HZ2) (HZ2) 04 - FLOOR 4 138' - 0" HZ2 HZ2 (HZ2) 03 - FLOOR 3 127' - 0" HZ1 02 - FLOOR 2 116' - 0" HEATED PLENUM, REFER' TO GROUND LEVEL RCP HEATED PLENUM, REFER - PENDANT **TENANT** GARAGE LIGHT FIXTURE TO GROUND LEVEL RCP ENCLOSED BIKE STORAGE 01 - FLOOR 1 AVERAGE GRADE 99' - 1 1/2" 00 - BASEMENT 91' - 0"

CLIENT



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ADMIRAL ST. MULTI-UNIT **DEVELOPMENT**

663 ADMIRAL STREET, PROVIDENCE, RI 02908

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REVIS		
NO.	DESCRIPTION	DATE
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CONSTRUCTION DRAWINGS

ISSUED DATE:03/17/2023

BUILDING SECTION

SHEET TITLE

DRAWING NO.

1 LONGITUDINAL SECTION 1/8" = 1'-0"

D 07 - T.O.B. 162' - 4" 06 - NOOR 160' - 0" /^\ 05 - FLOOR 5 149' - 0" 04 - FLOOR 4 138' - 0" 03 - FLOOR 3 127' - 0" 02 - FLOOR 2 116' - 0" 01 - FLOOR 1 102' - 0" AVERAGE GRADE 99' - 1 1/2" 00 -BASEMENT



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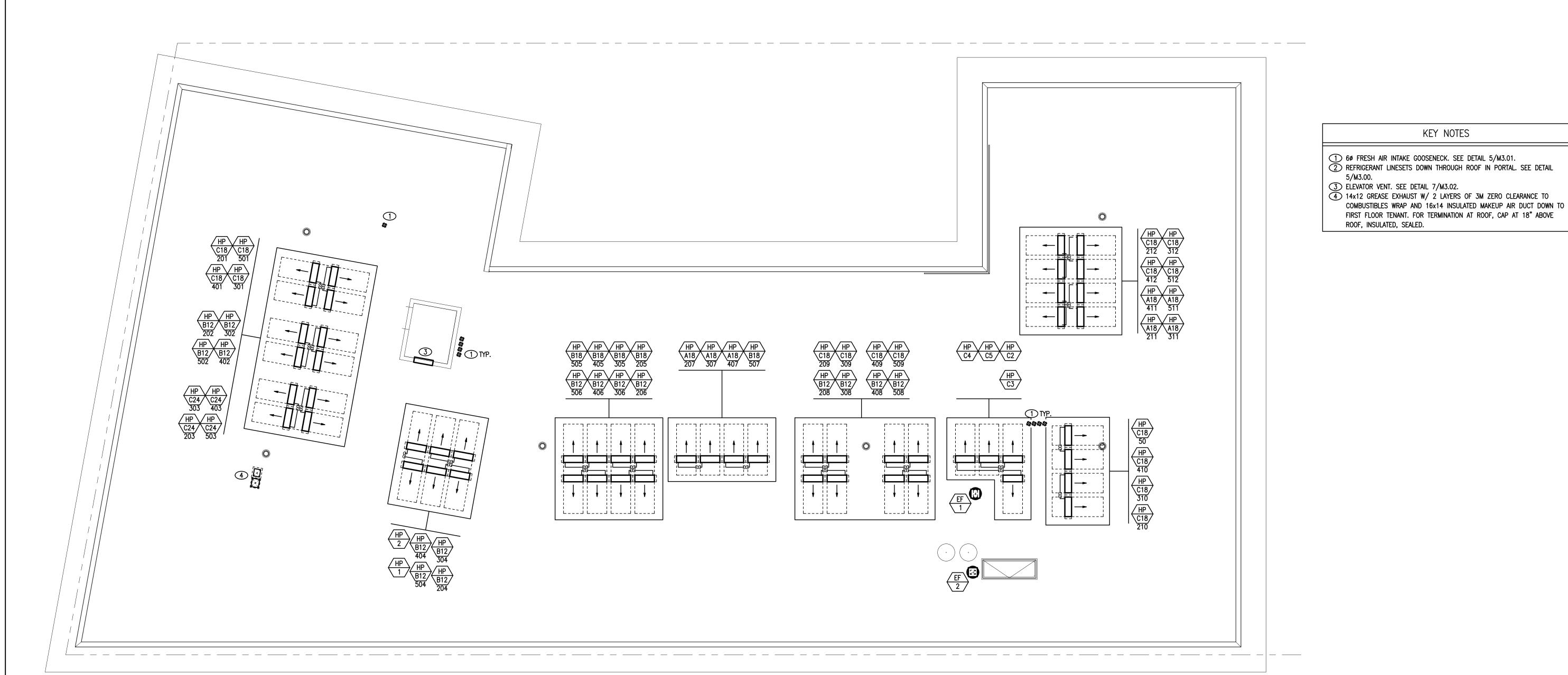
ISSUED DATE:03/17/2023

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BUILDING SECTIONS

DRAWING NO.





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

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KEY NOTES

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MECHANICAL ROOF PLAN

DRAWING NO.

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

POWER DISTRIBUTION EQUIPMENT PANELBOARD, SURFACE MOUNTED

PANELBOARD, FLUSH MOUNTED JUNCTION BOX, SIZED PER NEC

MANUAL MOTOR STARTER WITH THERMAL OVERLOAD. "P" DENOTES PILOT LIGHT NON-FUSED DISCONNECT SWITCH: "30/3" DENOTES

30 AMP/3 POLE SWITCH FUSED DISCONNECT SWITCH: "30/20/3" DENOTES

30 AMP/3 POLE SWITCH, 20 AMP FUSES 30/20/3 AUTOMATIC TRANSFER SWITCH

PAD MOUNTED TRANSFORMER

GROUND

MISCELLANEOUS

JUNCTION BOX WITH FLEXIBLE CONNECTION TO EQUIPMENT

TV 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.

GENERATOR REMOTE ANNUNCIATOR

PHOTO-CELL TIME CLOCK

SURGE PROTECTIVE DEVICE. PROVIDE A SQUARE D #SDSA2040 OR APPROVED EQUAL.

TWO WAY COMMUNICATION

TWO WAY COMMUNICATION MASTER STATION. (HOUSING DEVICES, INC. MASTER STATION #HDI-ADAMS-15 OR EQUAL).

TWO WAY ELEVATOR COMMUNICATION AREA STATION. (HOUSING DEVICES, INC AREA STATION #HDI-ADA-100A OR EQUAL).

TWO WAY COMMUNICATION RELAY CARD CABINET. (HOUSING DEVICES, INC RELAY CARD #HDI-ADA-ARC, CONTROL BOARD HDI-ADA-CB, BATTERY BACKUP POWER SUPPLY SYSTEM #HDI-ADA-BBU, AMPLIFIER #HDI-ADA-35 AND TRANSFORMER #HDI-ADA-PS OR EQUAL).

AREA OF RESCUE INDICATOR LIGHT WITH BATTERY BACKUP (#HDI-ADA-IS-UL OR EQUAL).

MECHANICAL EQUIPMENT

' AH ____ DENOTES EQUIPMENT TYPE - DENOTES UNIT NUMBER AIR-COOLED CONDENSER AIR HANDLING UNIT **BOILER** CHILLER CABINET UNIT HEATER ELECTRIC BASEBOARD EXHAUST FAN EXHAUST HOOD ELECTRIC WALL HEATER FAN COIL HEAT PUMP MAKE-UP AIR UNIT MOTORIZED DAMPER PUMP ROOF TOP UNIT UNIT HEATER VARIABLE AIR VOLUME BOX

ELECTRIC WATER HEATER

ABBREVIATIONS

NEMA 4X RATING AMPERES ABOVE FINISHED FLOOR ABOVE FINISHED GRADE

NEMA 3R RATING

AMPERE INTERRUPTING CAPACITY ARCH ARCHITECT

ATS AUTOMATIC TRANSFER SWITCH AMERICAN WIRE GAUGE

CONDUIT C/B CIRCUIT BREAKER

CURRENT TRANSFORMER CATALOG **CIRCUIT** COPPER

> DRAWING WIRED ON EMERGENCY CIRCUIT

ELECTRICAL CONTRACTOR

EMERGENCY EXISTING TO BE DEMOLISHED ETD

EXISTING TO REMAIN EXISTING TO BE RELOCATED

EXISTING TO BE REPLACED GROUND GENERAL CONTRACTOR

> GROUND FAULT INTERRUPTER HEATING. VENTILATION, AIR CONDITIONING CONTRACTOR

ISOLATED GROUND KCMIL ONE THOUSAND CIRCULAR MILS KILOVOLT-AMPERES

KVAR KILOVOLT-AMPERES REACTIVE KILOWATTS KW

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

WEATHERPROOF TRANSFORMER

LIGHTING FIXTURE NOTES:

1. PROVIDE ACCESSORIES AND MOUNTING HARDWARE FOR ALL FIXTURES.

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 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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CONSTRUCTION **DRAWINGS**

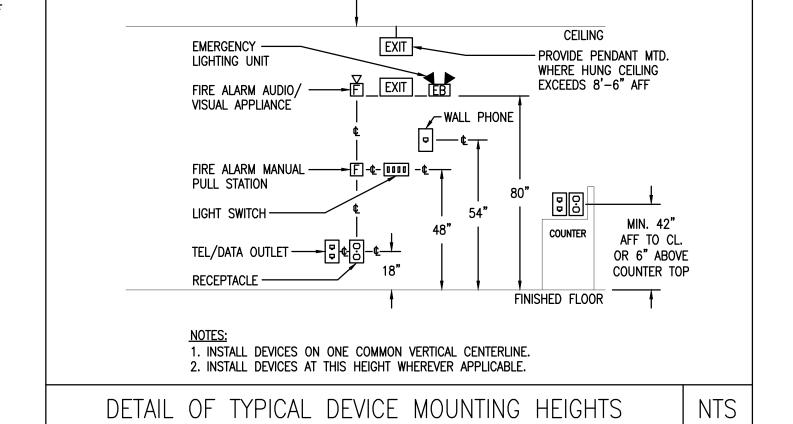
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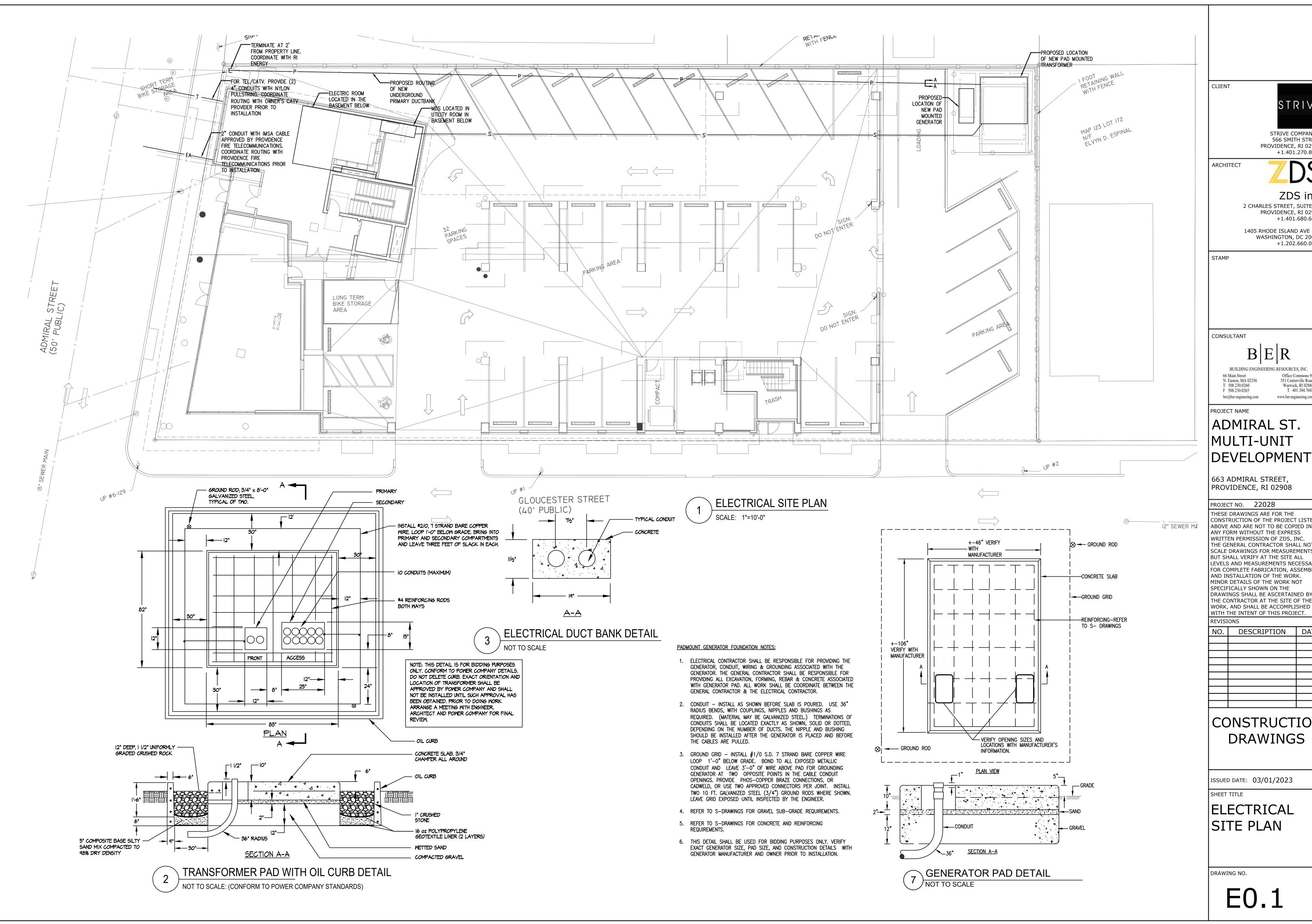
|ELECTRICAL SYMBOL LEGEND & NOTES

DRAWING NO.

E0.0



8'-6" OR LOWER





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CONSTRUCTION **DRAWINGS**

ISSUED DATE: 03/01/2023

SHEET TITLE

|ELECTRICAL SITE PLAN

DRAWING NO.

E0.1



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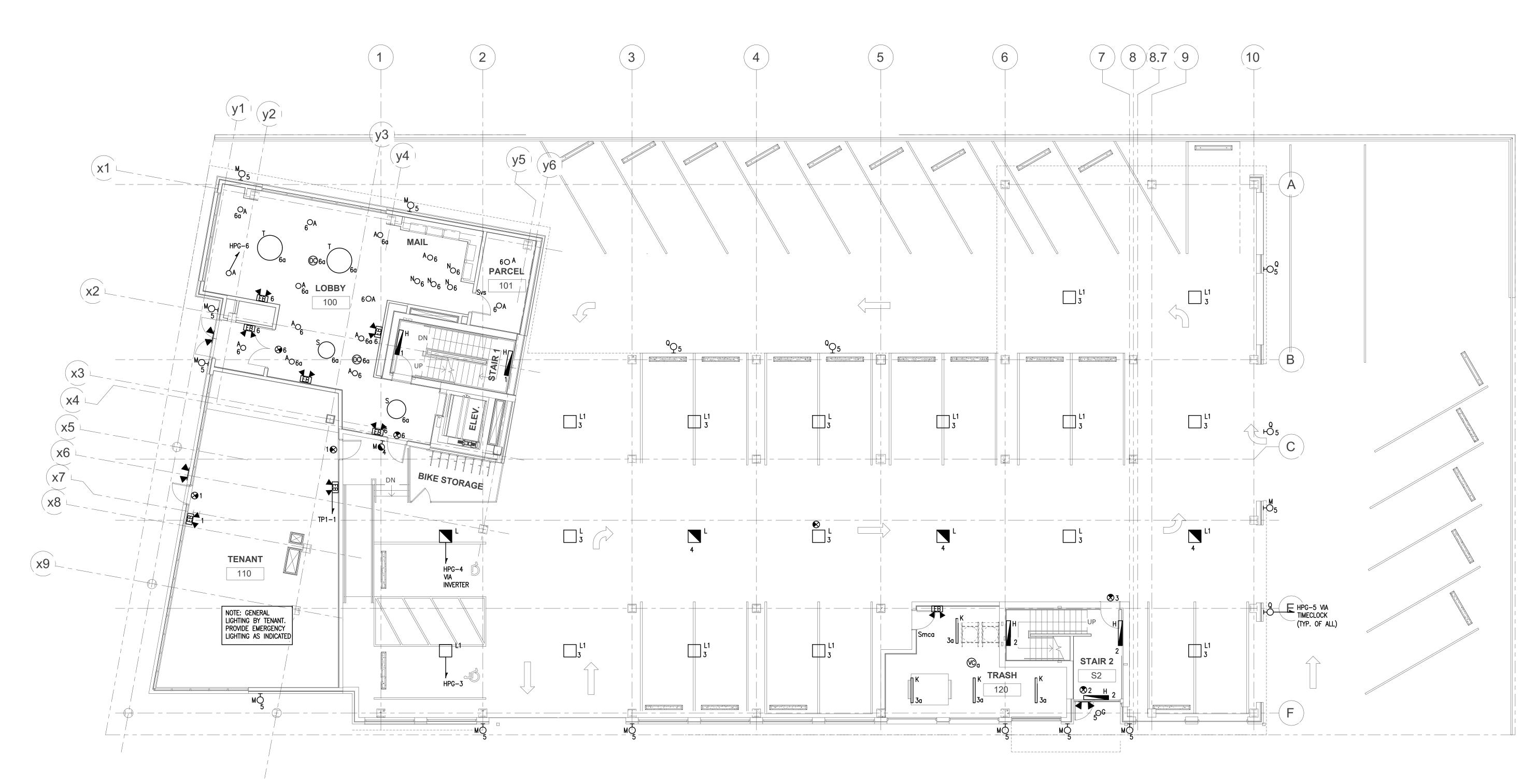
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SHEET TITLE

BASEMENT LIGHTING PLAN

DRAWING NO.

E1.0



GROUND FLOOR LIGHTING PLAN

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

CLIEN



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GROUND FLOOR LIGHTING PLAN

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