

ROWAN EPA - LAUNDRY ROOMS

400 EDGEWOOD DRIVE, GLASSBORO, NJ 08028

ABBREVIATIONS

(A)	Abandon(ed)	EPB	Electrical Panel Board	OD	Outside Diameter
(D)	Demolished/ Removed	EO	Equal	OPNG	Opening
(E)	Existing	ETR	Existing to Remain	OPP	Opposite
(F)	Future	EWC	Electric Water Cooler	PL	Plate
(N)	New	EXG	Existing	PLAM	Plastic Laminated
(R)	Relocated	EXT	Exterior	PLAS	Plastic/ Plaster
AB	Anchor Bolt	FD	Floor Drain	PLWD	Plywood
ABV	Above	FE	Fire Extinguisher	PR	Pair
ACT	Acoustical Ceiling Tile	FEB	Fire Extinguisher & Bracket	PROVIDE	Supply & Install
ADA	Accessible	FEC	Fire Extinguisher & Cabinet	PT	Pressure Treated
ADJ	Adjacent	FIN	Finish(ed)	PTD	Painted
AFF	Above Finished Floor	FLASH	Flashing	R	Radius; Riser(s)
AHAP	As High As Possible	FLR	Floor	RECPT	Receptacle
ALUM	Aluminum	FO	Face of	REINF	Reinforce(d); Reinforcement
APC	Acoustical Panel Ceiling	FOW	Face of Wall	REM	Remainder
ARCH	Architect(ural)	FP	Fire Protection	REQD	Required
AW	Architectural Woodwork	FR	Fire Rated	RES	Resilient
BC	Brick Color	FRT	Fire Retardant Treated	RO	Rough Opening
BD	Board	FTG	Footing	RWC	Rain Water Conductor
BL	Baseline; Building Line	FURR	Furring	SAB	Sound Attenuation Blanket
BLDG	Building	GA	Gauge	SCHED	Schedule(d)
BLKG	Blocking	GALV	Galvanized	SF	Square Feet; Supply Fan; Safety Factor
BO	Bottom Of	GC	General Contractor	SFRM	Spray Applied Fireproofing
BOC	Bottom Of Curb	GL	Glass	SH	Shelf; Shelves
BOS	Bottom Of Steel	GWB	Gypsum Wall Board	SHT	Sheet
BOT	Bottom	H	High	SIM	Similar
BRK	Brick	HC	Handicap; Heavy Commercial; Hollow Core; Hose Cabinet	SLNT	Sealant
BSTM	Basement	HDWD	Hardwood	SPEC(S)	Specification(s)
BTWN	Between	HM	Hollow Metal	ST ST or SS	Stainless Steel
CAB	Cabinet	HOR	Horizontal	STC	Sound Transmission Coefficient
CBU	Concrete Backer Unit	HPL	High Pressure Laminate	STD	Standard
CER	Ceramic	HT	Height	STL	Steel
CG	Corner Guard	HW	Hardware	STN	Station
CJP	Cast-in-Place	IGU	Insulated Glazing Unit	STRUC	Structure(al)
CJ	Control Joint	INSUL	Insulation	SUSP	Suspend(ed)
CL	Center Line	INT	Interior	T	Tread
CLG	Ceiling	JT	Joint	TB	Tackboard
CLR	Clear	LAM	Laminate	TBD	To Be Determined
CMU	Concrete Masonry Unit	LT	Light	TEMP	Temporary
COL	Column	MAS	Masonry	TH	Thickness
CONC	Concrete	MATL	Material	THRESH	Threshold
CONT	Continuous	MAX	Maximum	TO	Top of
CONTR	Contract(or)	MB	Markerboard	TOC	Top of Curb; Top of Concrete
CORR	Corridor	MDF	Medium Density Fiberboard	TOS	Top of Steel
CPT	Carpet	MECH	Mechanical	TYP	Typical
CS	Course	MEP	Mechanical/Electrical/ Plumbing	U/S	Underside
CT	Ceramic Tile	MFR	Manufacturer	UL	Underwriters Laboratories
CTR	Counter	MIN	Minimum	UNO	Unless Noted Otherwise
D	Deep	MLWK	Millwork	VCT	Vinyl Composition Tile
DIA	Diameter	MO	Masonry Opening	VERT	Vertical
DIM	Dimension	MR	Moisture Resistant	VIF	Verify in Field
DN	Down	MTD	Mounted; Mean Temperature Difference	VWC	Vinyl Wall Covering
DOCS	Documents	MTL	Metal	W	Wide
DS	Downspout	NIC	Not in Contract	WB	Whiteboard
DTL	Detail	NO or #	Number	WD	Wood
DWG	Drawing	NRC	Noise Reduction Coefficient	WD BLKG	Wood Blocking
EA	Each	NTS	Not to Scale	WIN	Window
EJ	Expansion Joint	OC	On-Center	WWF	Welded Wire Fabric
EL	Elevation			X	Multiply; Times; or Unknown #
ELEC	Electric(al)				
ELEV	Elevator or Elevation				

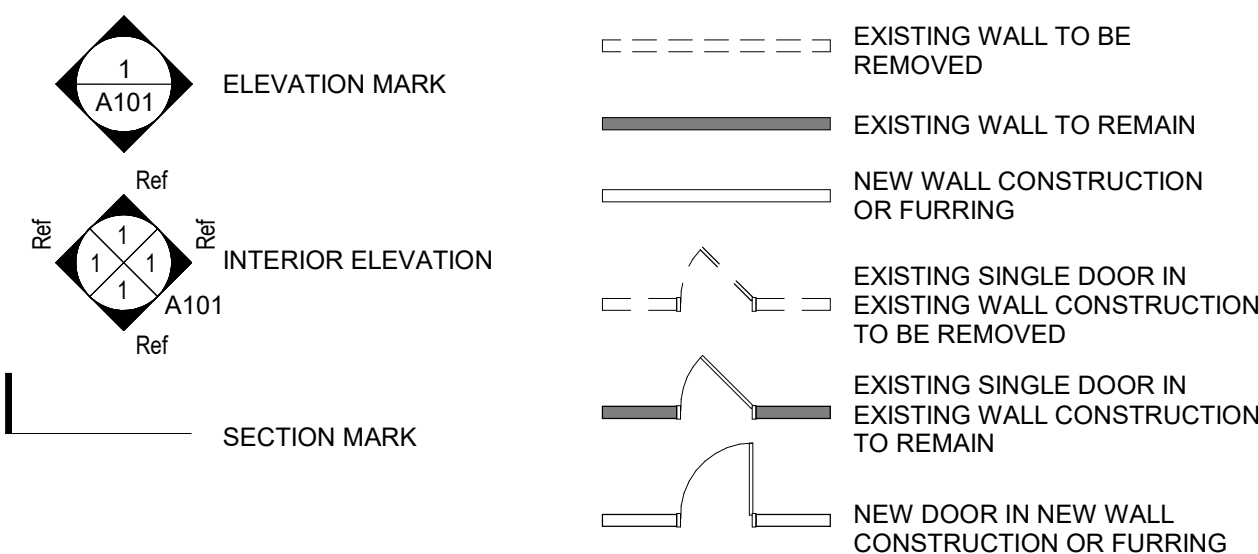
PROJECT SUMMARY

PROJECT CONSISTS OF A NEW ADDITION TO EACH OF FOUR APARTMENT BUILDINGS TO PROVIDE LAUNDRY FACILITIES AND ADDITIONAL IRT SPACE. ADDITION WILL BUTT AGAINST EXISTING BUILDINGS AND CONNECT THROUGH A NEW MASONRY OPENING TO EXISTING IRT CLOSETS. ADDITION WILL HAVE ITS OWN ENTRY SEPARATE FROM THE APARTMENTS, TO WHICH ADDITIONAL CONCRETE PATHS WILL BE CREATED.

GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE 2021 IBC INTERNATIONAL BUILDING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. WHERE ANY STANDARDS SEEM IN CONFLICT WITH THESE CODES, NOTIFY THE PROFESSIONAL FOR DIRECTION PRIOR TO PROCEEDING WITH WORK.
- ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE PRIOR TO PROCEEDING WITH THE WORK. ANY DISCREPANCY BETWEEN THE DOCUMENTS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE PROFESSIONAL FOR CORRECTIVE ACTION PRIOR TO PROCEEDING WITH WORK.
- IN THE EVENT THAT EXTRAORDINARY CONCEALED CONDITIONS REQUIRING ATTENTION ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE PROFESSIONAL IMMEDIATELY. IF THE EXISTING FIELD CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS SHOWN, THE CONTRACTOR SHALL NOTIFY THE PROFESSIONAL IMMEDIATELY.
- WORK NOT INDICATED ON A PART OF THE DRAWINGS, BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT THE CORRESPONDING PLACES SHALL BE REPEATED.
- CONTRACTOR SHALL HAVE ALL REQUIRED SUBMITTAL APPROVALS PRIOR TO BEGINNING THE WORK OR ORDERING MATERIALS.
- WHERE ALTERATIONS INVOLVE THE EXISTING SUPPORTING STRUCTURE, THE CONTRACTOR SHALL PROVIDE REQUIRED ENGINEERED SHORING AND PROTECTION TO INSURE THE STRUCTURAL INTEGRITY OF THE EXISTING STRUCTURE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY PROCEDURES, MEANS AND METHODS, SEQUENCING AND COORDINATION FOR ALL WORK.
- ALL WORK SHALL BE PERFORMED BY QUALIFIED, EXPERIENCED PERSONNEL.
- FIELD DRAWINGS REQUIRE REVIEW AND WRITTEN APPROVAL BY THE PROFESSIONAL PRIOR TO EXECUTING WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND RESTORATION OF ANY CONDITIONS DAMAGED BY CONSTRUCTION OR DEMOLITION ACTIVITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF VEHICULAR AND PEDESTRIAN TRAFFIC RELATED TO THE WORK. ALL MEASURES SHALL BE IN CONFORMANCE WITH OSHA AND LOCAL AUTHORITIES HAVING JURISDICTION OVER TRAFFIC CONTROL.
- ENTIRE EXISTING FIRE ALARM/NOTIFICATION SYSTEM SHALL REMAIN IN FULL OPERATION DURING ALL PHASES OF CONSTRUCTION. PATCH, REPAIR AND PAINT WALLS/CEILING AFTER EXISTING SYSTEM HAS BEEN DEMOLISHED AT END OF PROJECT.
- UNLESS OTHERWISE NOTED, ALL ITEMS ARE EXISTING TO REMAIN AND ADJACENT TO "NEW WORK" TO BE PROTECTED DURING CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INFORM THE OWNER OF DAMAGE TO EXISTING CONDITIONS BEFORE BEGINNING WORK, OTHERWISE THE REPAIR OF SUCH DAMAGE IS THE RESPONSIBILITY OF THE CONTRACTOR.
- STAIR, DOOR, AND EMERGENCY EGRESS PATHS MUST BE KEPT CLEAR DURING THE WORK.
- THE EXISTING CONDITIONS THAT ARE SHOWN TO BE REMOVED OR MAY BE DISTURBED MAY CONTAIN ASBESTOS. CONTRACTORS SHALL REFER TO THE OWNER'S ASBESTOS INSPECTION REPORT (AIR) FOR INDICATION OF SUCH MATERIALS. CONTRACTORS SHALL FOLLOW THE DIRECTIONS OF THE SPECIFICATIONS AND THE OWNER WHERE ASBESTOS IS IDENTIFIED.
- PROVIDE ADEQUATE DUST ISOLATION AND CONTROL.
- COORDINATE DISCONNECTION OF UTILITIES WITH THE OWNER.
- IN THE EVENT THE INSTALLING CONTRACTOR ENCOUNTERS ANY HAZARDOUS MATERIALS, THE CONTRACTOR SHALL REPORT TO THE OWNER'S REPRESENTATIVE & TAKE THE NECESSARY STEPS FOR REMEDIATION. THE OWNER IS RESPONSIBLE FOR HIRING AN ASBESTOS ABATEMENT CONTRACTOR WHO SHALL FURNISH ALL LABOR, MATERIALS, EMPLOYEE TRAINING, SERVICES, PERMITS, FEES, INSURANCE AND EQUIPMENT NECESSARY TO CARRY OUT THE ASBESTOS REMOVAL, DECONTAMINATION OPERATIONS AND DISPOSAL IN ACCORDANCE WITH EPA, OSHA, AND ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL GOVERNMENT REGULATIONS.
- ALL PENETRATIONS IN EXISTING CONCRETE FLOOR AND ROOF SLABS ARE TO AVOID REBAR AND OTHER STRUCTURAL ELEMENTS UNLESS NOTED OTHERWISE. SEE MPE AND STRUCTURAL DRAWINGS FOR ADDED NOTES AND REQUIREMENTS PRIOR TO MAKING NEW OPENINGS.
- MAINTAIN TEMPORARY HEAT, COOLING AND HUMIDITY CONTROL AS REQUIRED BY CURING REQUIREMENTS OF FINISH MATERIALS.

GRAPHICS LEGEND



NOTE: SEE A800 SERIES SHEETS FOR DOOR, WINDOW, WALL, EQUIPMENT, AND/OR FINISH TAGS. SEE CONSULTANT DRAWING COVER SHEETS FOR SYMBOLS ASSOCIATED WITH THOSE TRADES.

SHEET INDEX

REVISION NO.	REVISION DATE	SHEET NO.	SHEET TITLE
		CS001	COVER SHEET
		C0001	CIVIL COVER SHEET
		C0002	INFORMATION SHEET
		C1801	EXISTING CONDITIONS PLAN
		C0100	OVERALL SITE PLAN
		C0201	DETAILED SITE, GRADING AND UTILITY PLAN - 200 BUILDING
		C0202	DETAILED SITE, GRADING AND UTILITY PLAN - 300 BUILDING
		C0203	DETAILED SITE, GRADING AND UTILITY PLAN - 400 BUILDING
		C0204	DETAILED SITE, GRADING AND UTILITY PLAN - 500 BUILDING
		C1101	SITE DETAIL SHEET
		C1201	SOIL EROSION AND SEDIMENT CONTROL PLAN
		C1202	SOIL COMPACTION PLAN
		C1301	SOIL EROSION AND SEDIMENT CONTROL NARRATIVE SHEET
		C1302	SOIL EROSION AND SEDIMENT CONTROL DETAIL SHEET
		LS001	LIFE SAFETY PLAN & CODE ANALYSIS
		S001	GENERAL NOTES & SCHEDULES
		S100	PARTIAL EXISTING PLANS
		S200	SECTIONS & TYPICAL DETAILS
		A001	SITE PLAN - OVERALL COMPLEX
		A002	SITE PLAN - ENLARGED BUILDINGS 200, 300, 400, & 500
		D101	DEMOLITION PLAN & DETAILS
		A101	PARTIAL PLANS - FLOOR & REFLECTED CEILING
		A501	BUILDING ELEVATIONS & WALL SECTION
		A502	BUILDING SECTIONS & INTERIOR ELEVATIONS
		A701	DETAILS
		A800	SCHEDULE & DETAILS - PARTITIONS
		A810	SCHEDULES - DOORS, FRAMES, WINDOWS, & FINISHES
		M100	BUILDING 200 - FIRST FLOOR HVAC PLAN
		P001	PLUMBING SCHEDULES AND DETAILS
		P100	PLUMBING PLAN
		E100	BUILDING 200 - FIRST FLOOR ELECTRICAL PLANS
		E200	BUILDING 200 - TELECOMMUNICATIONS PLAN
		FP100	FIRE PROTECTION PLAN

Architect:



Consultants:



Seal:

Project:

ROWAN UNIVERSITY

ROWAN EPA - LAUNDRY ROOMS

400 EDGEWOOD DRIVE, GLASSBORO, NJ 08028

Issue Date: 12/19/2024

Revision Schedule

No.	Date	Drawn By	Description

The Contractor on site shall verify all dimensions and existing conditions. The contractor is required to perform all work in compliance with applicable codes and regulations of governing authorities having jurisdiction.

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Sheet Title and No.
COVER SHEET

CS001

Project No.: 23280
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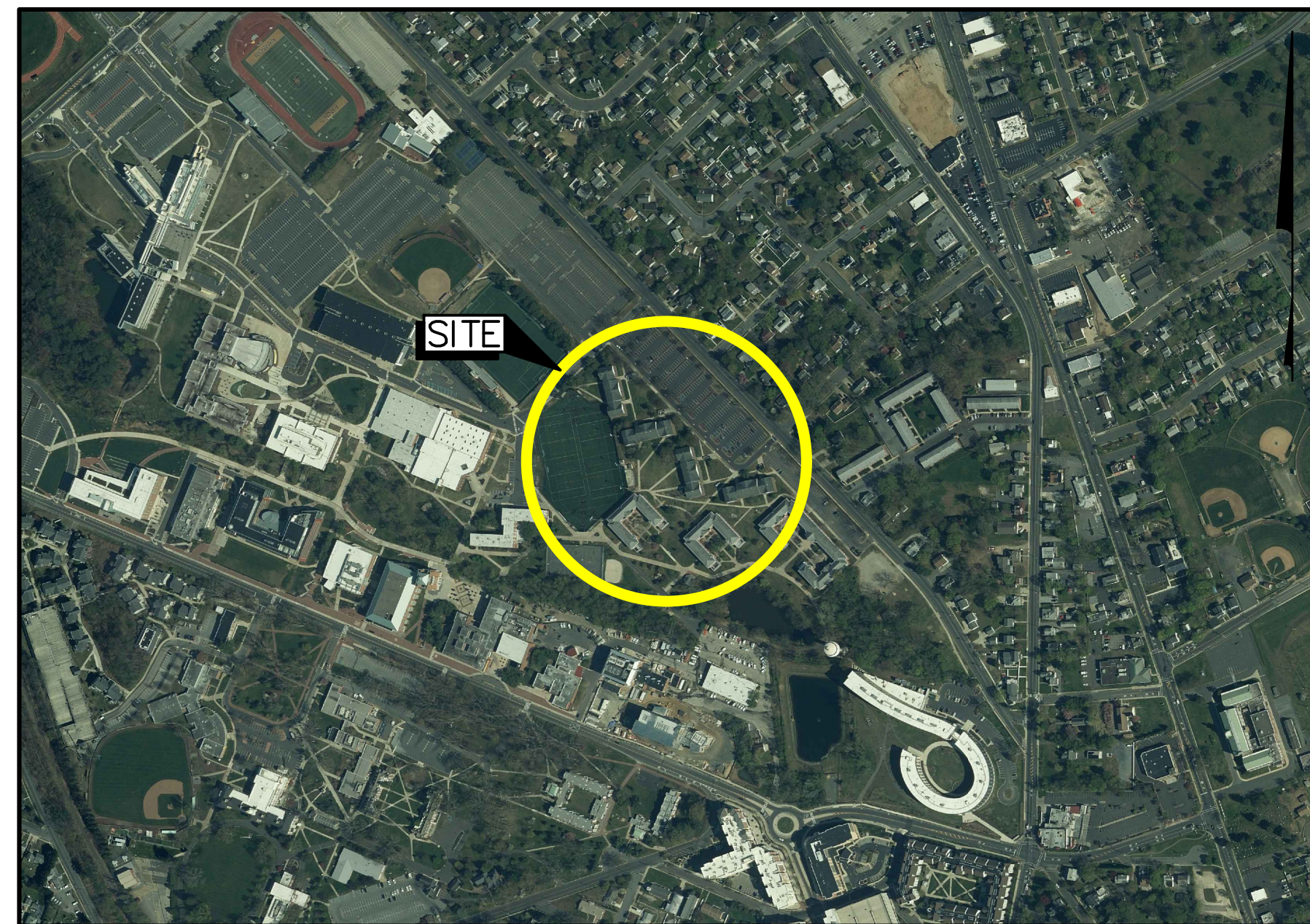
PERSPECTIVE - ENTRY SIDE 200 BUILDING

PRINTED 12/19/2024 - BID SET

ROWAN UNIVERSITY EDGEWOOD APARTMENT ADDITIONS

SHEET 3.01, BLOCK 388, P/O LOT 2.01
BOROUGH OF GLASSBORO, GLOUCESTER COUNTY, NEW JERSEY

SITE PLANS



AERIAL MAP
SCALE: 1" = 500'



FEMA FLOOD INSURANCE RATE MAP
SCALE: 1" = 500'

APPLICANT:

ROWAN UNIVERSITY

201 MULLICA HILL ROAD
GLASSBORO, NEW JERSEY 08028



MARATHON

Engineering & Environmental Services

3 Killdeer Court, Suite 302, Swedesboro, NJ 08085
1616 Pacific Avenue, Suite 501, Atlantic City, NJ 08401

OWNER/APPLICANT

ROWAN UNIVERSITY
201 MULLICA HILL ROAD
GLASSBORO, NEW JERSEY 08028

APPLICANT'S INTENT

THE APPLICANT, ROWAN UNIVERSITY, SEEKS TO CONSTRUCT A LAUNDRY ROOM ADDITION WITH AN IRT CLOSET IN EACH OF THE EDGEWOOD PARK APARTMENT BUILDINGS. THE PROJECT IS SITUATED ON SHEET 3.01, BLOCK 388, P/O LOT 2.01, BOUNDED BY EDGEWOOD DRIVE TO THE NORTHWEST, SITUATED IN THE BOROUGH OF GLASSBORO, GLOUCESTER COUNTY, NEW JERSEY.

CERTIFICATION OF APPROVALS

SITE PLAN OF ROWAN UNIVERSITY EDGEWOOD APARTMENT ADDITIONS
LOT P/O 2.01 BLOCK 388 ZONE P
DATE 09/05/2024 SCALE AS NOTED
I HEREBY CERTIFY THAT THIS SITE PLAN HAS BEEN APPROVED BY RESOLUTION OF THE BOROUGH OF GLASSBORO PLANNING BOARD.

APPLICANT ROWAN UNIVERSITY
ADDRESS 201 MULLICA HILL ROAD
GLASSBORO, NEW JERSEY 08028
CHAIRPERSON
SECRETARY

I HEREBY CERTIFY THAT I AM THE OWNER OF RECORD OF THE PROPERTY HEREIN DEPICTED AND THAT I CONCUR WITH THIS PLAN. I CONSENT TO THE FILING OF THIS SITE PLAN WITH THE PLANNING BOARD OF BOROUGH OF GLASSBORO.
BOARD ENGINEER
TOWNSHIP CLERK

THIS SITE PLAN IS HEREBY APPROVED BY THE GLOUCESTER COUNTY PLANNING BOARD.

OWNER: DATE
OWNER: DATE
OWNER: DATE
CHAIRPERSON DATE
SECRETARY DATE

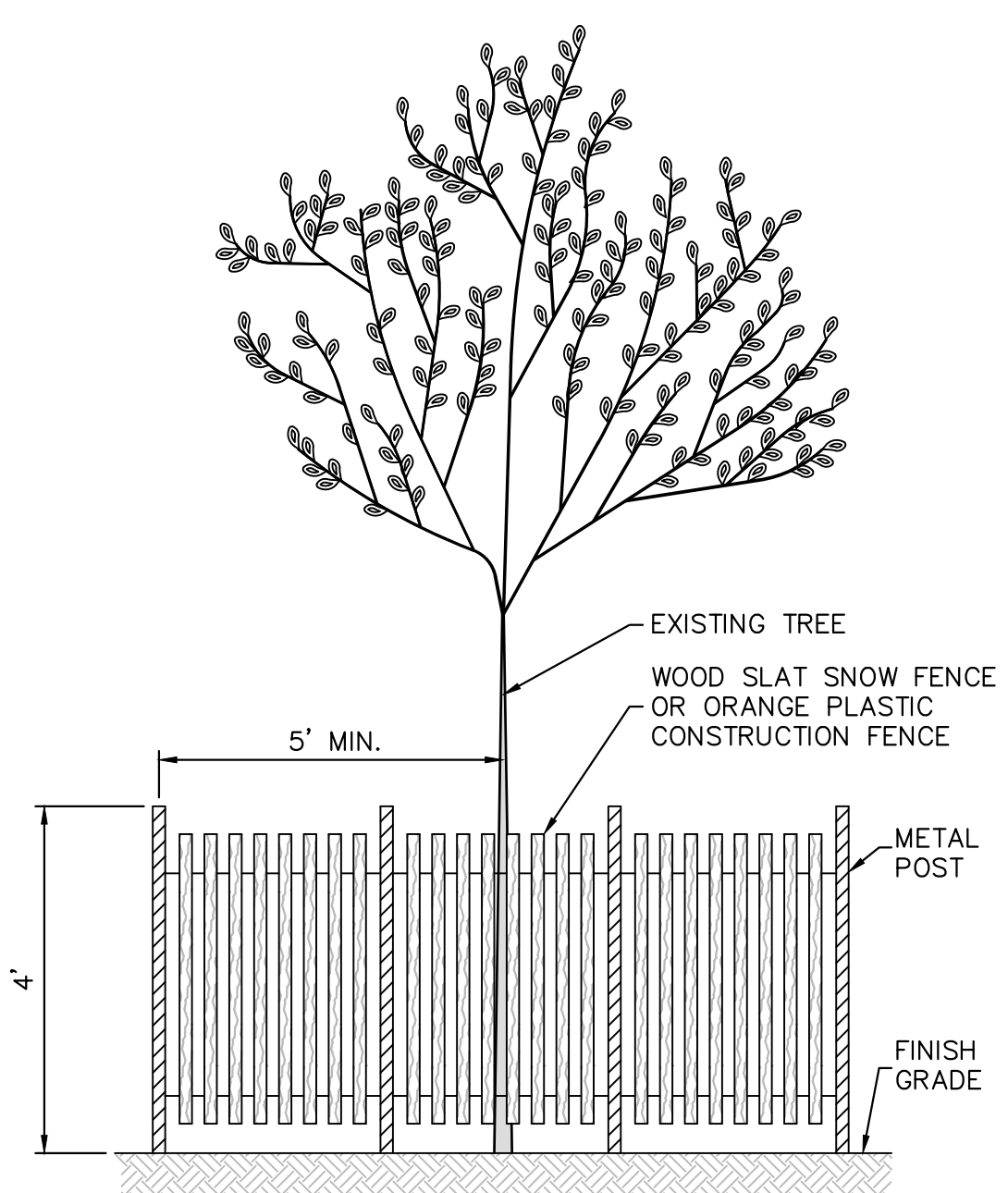
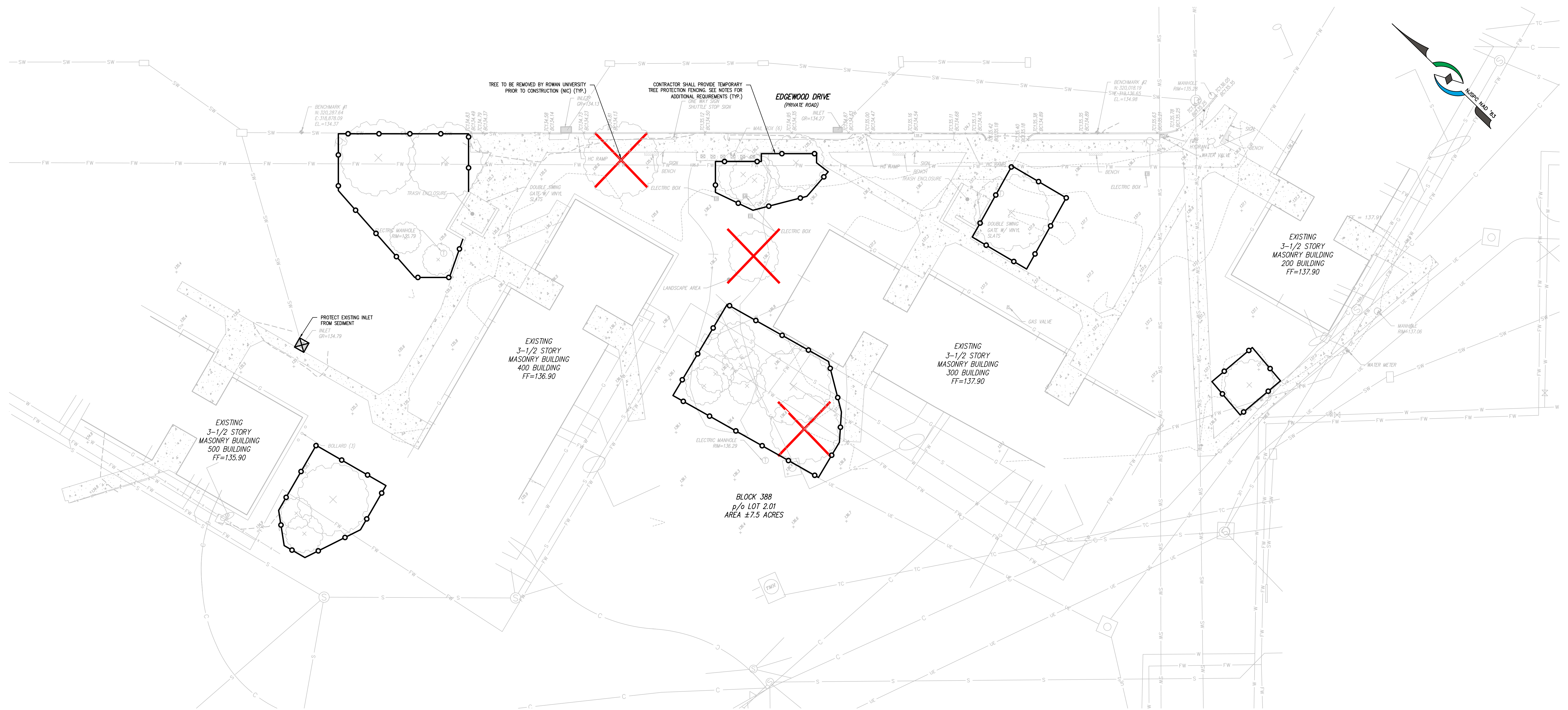
SHEET INDEX

SHEET NO.	DWG. NO.	SHEET TITLE
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2 OF 13	C0002	INFORMATION SHEET
3 OF 13	C1801	EXISTING CONDITIONS PLAN
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5 OF 13	C0201	DETAILED SITE, GRADING AND UTILITY PLAN - 200 BUILDING
6 OF 13	C0202	DETAILED SITE, GRADING AND UTILITY PLAN - 300 BUILDING
7 OF 13	C0203	DETAILED SITE, GRADING AND UTILITY PLAN - 400 BUILDING
8 OF 13	C0204	DETAILED SITE, GRADING AND UTILITY PLAN - 500 BUILDING
9 OF 13	C1101	SITE DETAIL SHEET
10 OF 13	C1201	SOIL EROSION AND SEDIMENT CONTROL PLAN
11 OF 13	C1202	SOIL COMPACTION PLAN
12 OF 13	C1301	SOIL EROSION AND SEDIMENT CONTROL NARRATIVE SHEET
13 OF 13	C1302	SOIL EROSION AND SEDIMENT CONTROL DETAIL SHEET

ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	SK	JDD
09/05/2024	1	INITIAL SUBMISSION		

ROWAN UNIVERSITY EDGEWOOD APARTMENT ADDITIONS SHEET 3.01, BLOCK 388, P/O LOT 2.01 BOROUGH OF GLASSBORO, GLOUCESTER COUNTY, NEW JERSEY		 MARATHON Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700
COVER SHEET ROWAN UNIVERSITY 201 MULLICA HILL ROAD GLASSBORO, NEW JERSEY 08028		
JESSE D. DOUGHERTY, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 246E05008100 		SCALE AS SHOWN SHEET 1 OF 13 DRAWING NO. C0001

DATE PLOTTED: 09/05/2024 1:42:58 PM



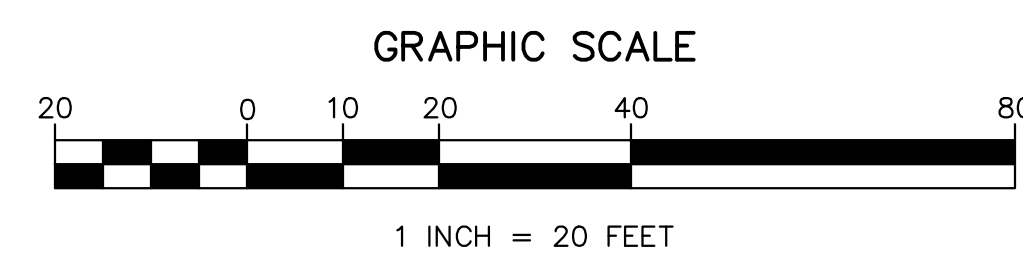
NOTE: LOCATE FENCE AT DRIPLINE OF TREE (MIN. 5' FROM TRUNK)
TREE PROTECTION FENCE DETAIL
N.T.S.

LEGEND

- EXISTING CONCRETE SURFACE
- PROPOSED CONCRETE SURFACE
- PROPOSED TREE PROTECTION FENCE
- EXISTING CURB LINE
- EXISTING FENCE LINE
- EXISTING GAS MAIN
- EXISTING SANITARY MAIN
- EXISTING STORM SEWER LINE
- EXISTING WATER MAIN
- EXISTING FIRE WATER MAIN
- EXISTING CABLE LINE
- EXISTING TELECOMMUNICATION LINE
- EXISTING UNDERGROUND ELECTRIC CONDUIT
- EXISTING SIGNS
- EXISTING INLET
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING GAS VALVE
- EXISTING ELECTRIC BOX
- EXISTING ELECTRIC MANHOLE
- EXISTING MANHOLE
- EXISTING BOLLARD
- EXISTING BENCH
- EXISTING MAILBOX
- EXISTING SPOT ELEVATION
- TREE TO BE REMOVED

TREE PROTECTION NOTES

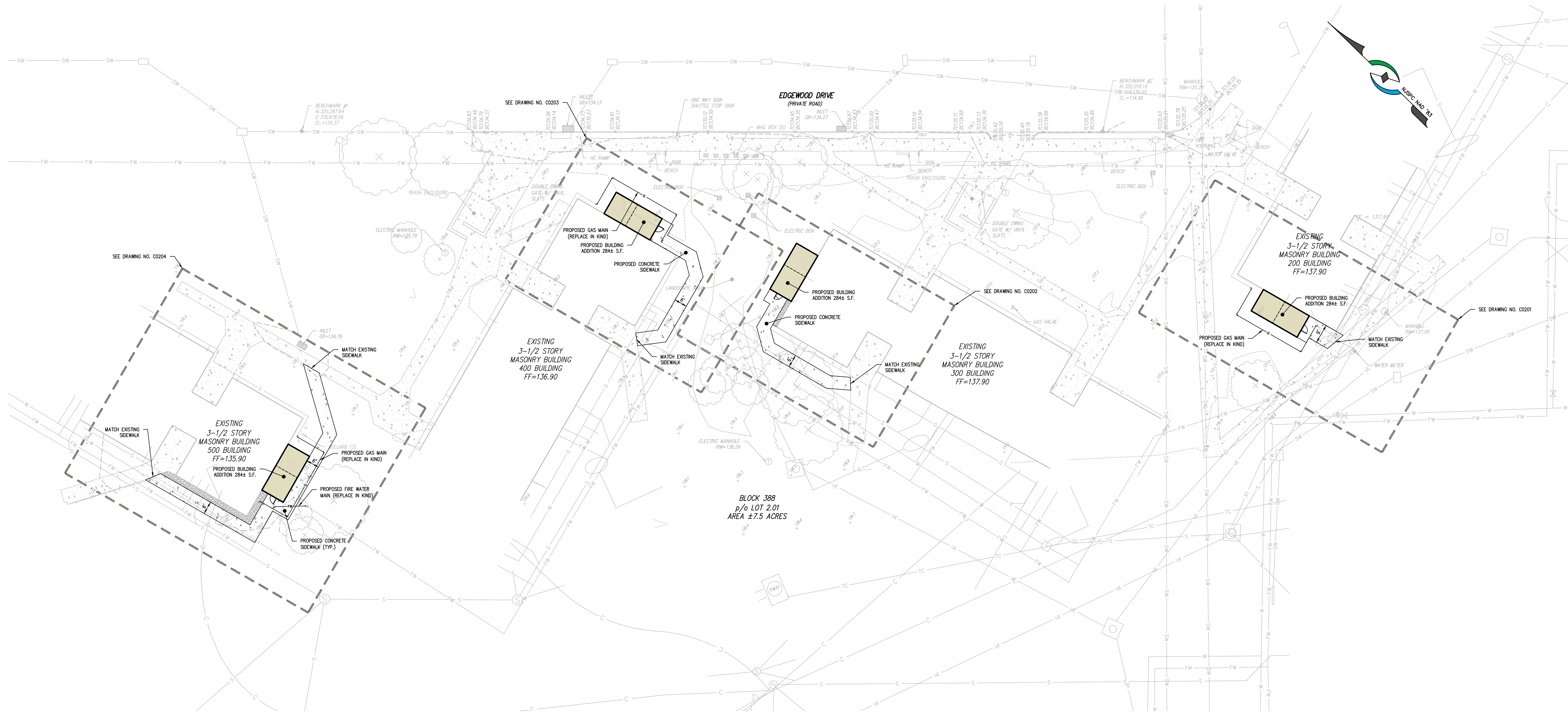
1. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING FOR PROTECTION OF TREES' CRITICAL ROOT ZONES (CRZ) DURING CONSTRUCTION. FENCE SHALL BE 4 FEET HIGH ABOVE GRADE AND HIGH-VISIBILITY. FENCE SHALL NOT BE REMOVED DURING CONSTRUCTION. MATERIALS, TOOLS, EQUIPMENT, ETC. SHALL NOT BE PLACED WITHIN THE CRZ.
2. CONTRACTOR SHALL KEEP VEHICLES OFF NON-PAVED SURFACES TO THE EXTENT POSSIBLE. NON-PAVED SURFACES SHALL BE PROTECTED WITH GRASS PROTECTION MATS, TO BE APPROVED BY ROWAN'S PROJECT MANAGER, IN AREAS WHERE MATERIALS WILL BE STORED OR VEHICLE CIRCULATION IS APPROVED.
3. CONTRACTOR SHALL SUBMIT FOR APPROVAL A SITE ACCESS PLAN INCLUDING PROPOSED AREAS FOR MATERIAL STORAGE AND LAY DOWN. VEHICLES AND MATERIALS SHALL REMAIN WITHIN THE APPROVED ACCESS ZONES.
4. ROWAN UNIVERSITY SHALL PRUNE BRANCHES FROM TREE CANOPIES THAT WILL CONFLICT WITH CONSTRUCTION PRIOR TO COMMENCEMENT OF CONSTRUCTION.
5. IF ROOTS GREATER THAN 2 INCH DIAMETER ARE ENCOUNTERED DURING EXCAVATION, CONTRACTOR SHALL INFORM ROWAN PROJECT MANAGER.



09/05/2024		1	INITIAL SUBMISSION	SK	JDD
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION		BY	APPR.
ROWAN UNIVERSITY EDGEWOOD APARTMENT ADDITIONS					
SHEET 3.01, BLOCK 388, P/O LOT 2.01 BOROUGH OF GLASSBORO, GLOUCESTER COUNTY, NEW JERSEY					
EXISTING CONDITIONS PLAN					
ROWAN UNIVERSITY 201 MULICA HILL ROAD GLASSBORO, NEW JERSEY 08028					
JESSE D. DOUGHERTY, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 24CE05008100					
DRAWN BY <i>Jesse Dougherty</i>		CHECKED BY SK		APPROVED BY JDD	
DATE 09/05/2024		SCALE 1" = 20'		SHEET 3 OF 13	
C1801					

P:\202409 - ROWAN UNIV. EDGEWOOD AP. ADDITIONS - CIVIL\DWG\18 - EXISTING CONDITIONS

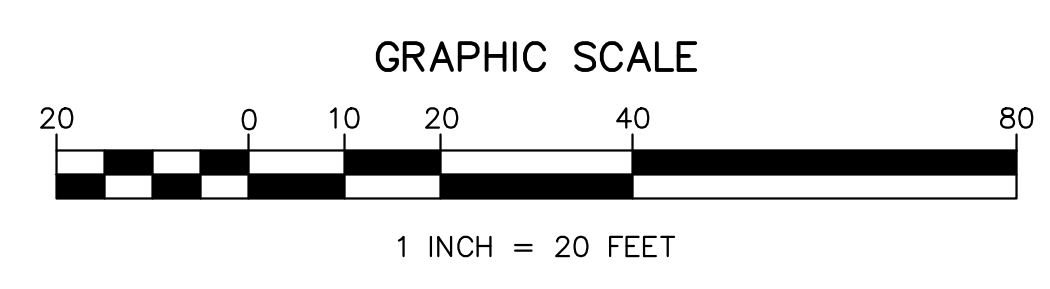
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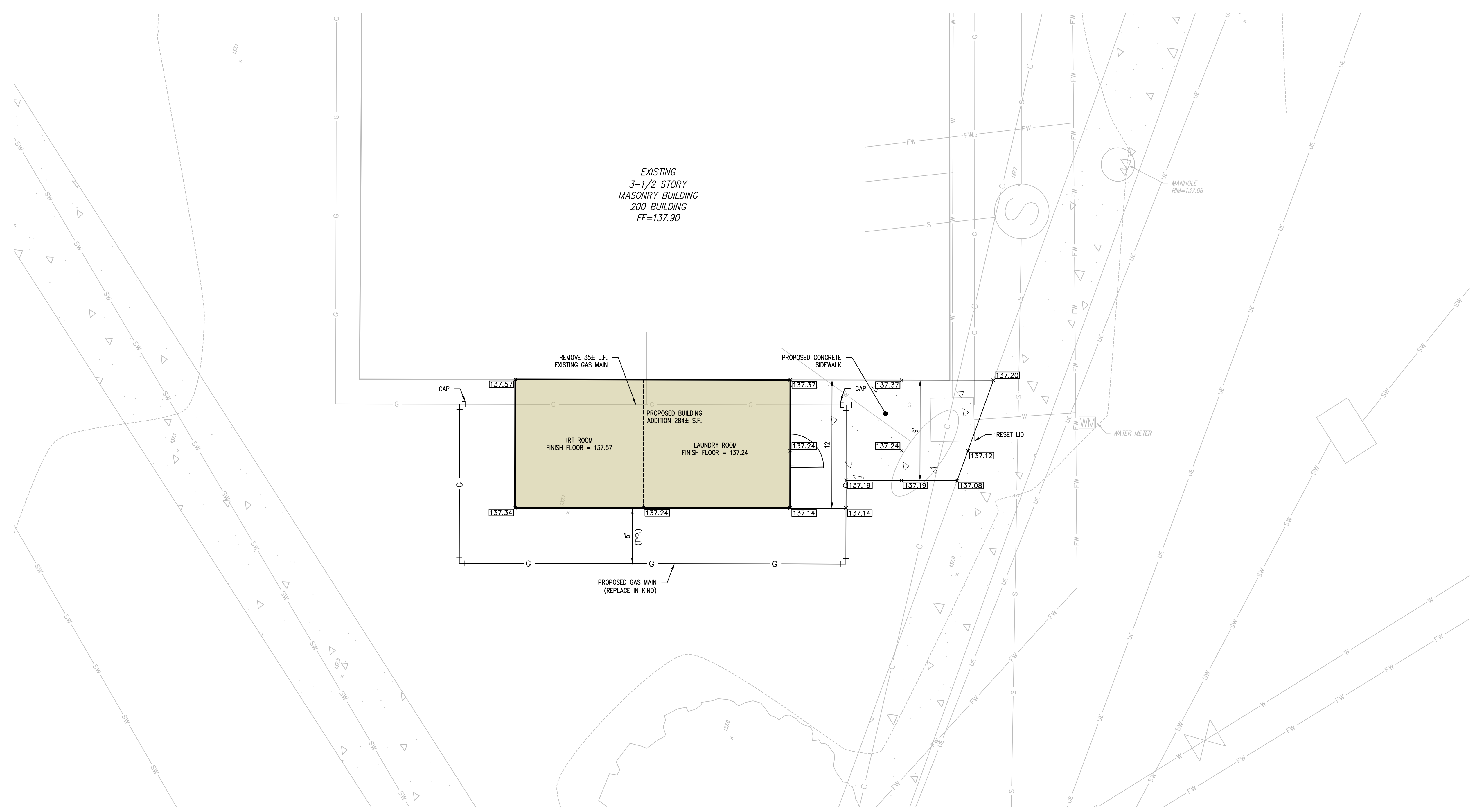
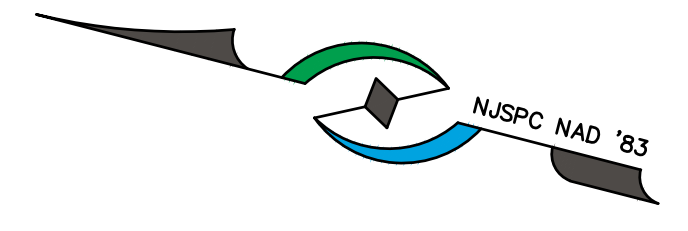
LEGEND

	EXISTING CONCRETE SURFACE
	PROPOSED CONCRETE SURFACE
	PROPOSED RIVER ROCK STONE
	EXISTING CURB LINE
	EXISTING FENCE LINE
	EXISTING GAS MAIN
	PROPOSED GAS MAIN
	EXISTING SANITARY MAIN
	EXISTING STORM SEWER LINE
	EXISTING WATER MAIN
	EXISTING FIRE WATER MAIN
	PROPOSED FIRE WATER MAIN
	EXISTING CABLE LINE
	EXISTING TELECOMMUNICATION LINE
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	EXISTING WATER VALVE
	EXISTING WATER METER
	EXISTING GAS VALVE
	EXISTING ELECTRIC BOX
	EXISTING ELECTRIC MANHOLE
	EXISTING MANHOLE
	EXISTING BOLLARD
	EXISTING BENCH
	EXISTING MAILBOX
	EXISTING SPOT ELEVATION

NOTE
SEE SHEET C1801 FOR LOCATION OF TREE PROTECTION FENCE.



09/05/2024	1	INITIAL SUBMISSION	SK	JDD
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
ROWAN UNIVERSITY EDGEWOOD APARTMENT ADDITIONS				
SHEET 3.01, BLOCK 388, P/O LOT 2.01 BOROUGH OF GLASSBORO, GLoucester COUNTY, NEW JERSEY				
OVERALL SITE PLAN				
ROWAN UNIVERSITY 201 MULICA HILL ROAD GLASSBORO, NEW JERSEY 08028				
JESSE D. DOUGHERTY, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 24GE05008100				
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SCALE	1" = 20'	APPROVED	JDD	
DRAWN BY	SK	SHEET	4 OF 13	
DATE	09/05/2024	PROJECT NO.	OZC 001.01	DRAWING NO.
C0100				



EXISTING
3-1/2 STORY
MASONRY BUILDING
200 BUILDING
FF=137.90

REMOVE 35± LF.
EXISTING GAS MAIN

PROPOSED CONCRETE
SIDEWALK

PROPOSED BUILDING
ADDITION 2844 S.F.

RT ROOM
FINISH FLOOR = 137.57

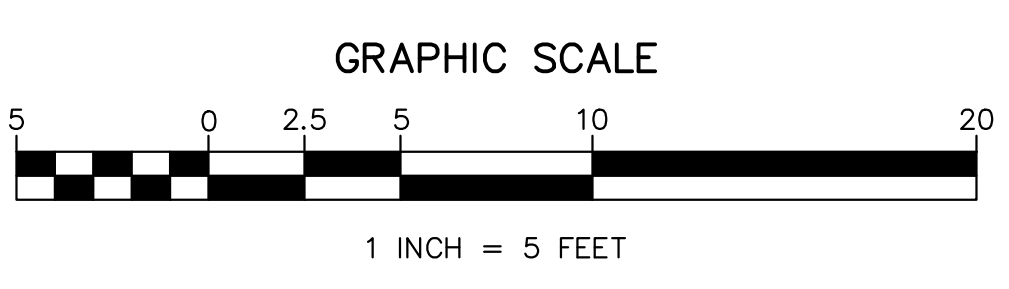
LAUNDRY ROOM
FINISH FLOOR = 137.24

PROPOSED GAS MAIN
(REPLACE IN KIND)

LEGEND

- | | | | |
|--|---------------------------------------|--|---------------------------|
| | EXISTING CONCRETE SURFACE | | EXISTING SIGNS |
| | PROPOSED CONCRETE SURFACE | | EXISTING INLET |
| | EXISTING CURB LINE | | EXISTING FIRE HYDRANT |
| | EXISTING FENCE LINE | | EXISTING WATER VALVE |
| | EXISTING GAS MAIN | | EXISTING WATER METER |
| | PROPOSED GAS MAIN | | EXISTING GAS VALVE |
| | EXISTING SANITARY MAIN | | EXISTING ELECTRIC BOX |
| | EXISTING STORM SEWER LINE | | EXISTING ELECTRIC MANHOLE |
| | EXISTING WATER MAIN | | EXISTING MANHOLE |
| | EXISTING FIRE WATER MAIN | | EXISTING BOLLARD |
| | EXISTING CABLE LINE | | EXISTING BENCH |
| | EXISTING TELECOMMUNICATION LINE | | EXISTING MAILBOX |
| | EXISTING UNDERGROUND ELECTRIC CONDUIT | | EXISTING SPOT ELEVATION |
| | EXISTING MAJOR CONTOUR | | PROPOSED SPOT ELEVATION |
| | EXISTING MINOR CONTOUR | | |

NOTE
SEE SHEET C1801 FOR LOCATION OF TREE PROTECTION FENCE.

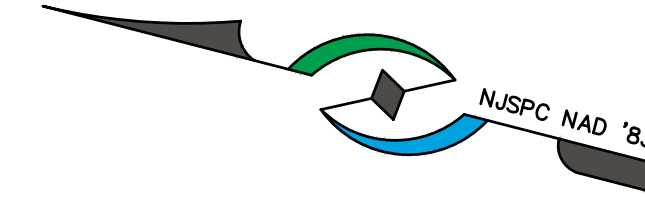
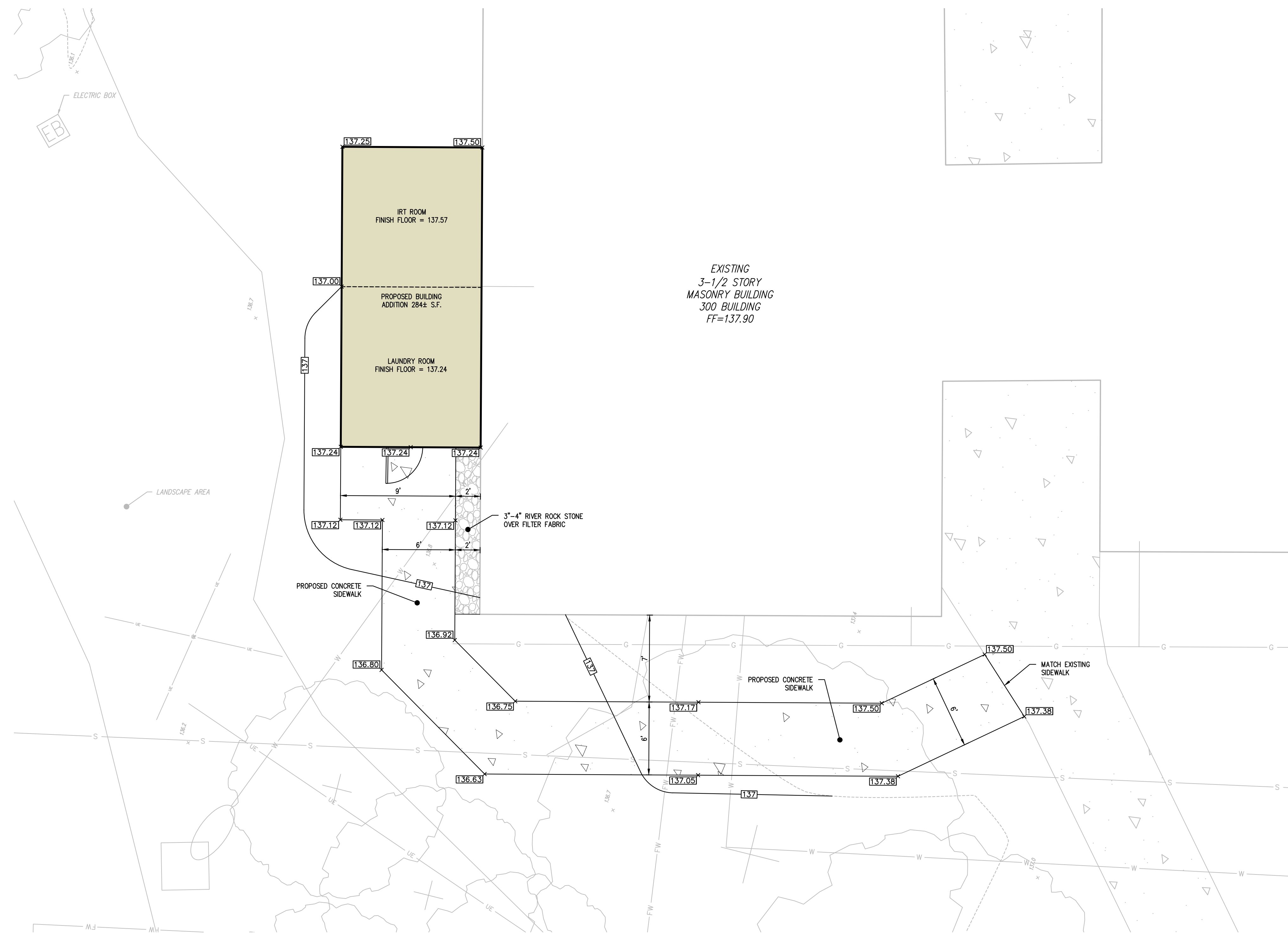


09/05/2024	1	INITIAL SUBMISSION	SK	JDD
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
ROWAN UNIVERSITY EDGEWOOD APARTMENT ADDITIONS				
SHEET 3.01, BLOCK 388, P/O LOT 2.01 BOROUGH OF GLASSBORO, GLOUCESTER COUNTY, NEW JERSEY				
DETAILED SITE, GRADING AND UTILITY PLAN — 200 BUILDING				
ROWAN UNIVERSITY 201 MULICA HILL ROAD GLASSBORO, NEW JERSEY 08028				
JESSE D. DOUGHERTY, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 24GE05008100				
09/05/2024			SCALE	APPROVED
1 INCH = 5 FEET			1" = 5'	JDD
09/05/2024			DATE BY	SHEET
09/05/2024			SK	5 OF 13
DRAWING NO. C0201				



3 Killdeer Court, Suite 302, Swedesboro, NJ 08085
ph (856) 241-8700 fax (856) 241-8709
Certificate of Authorization #24GA27995700

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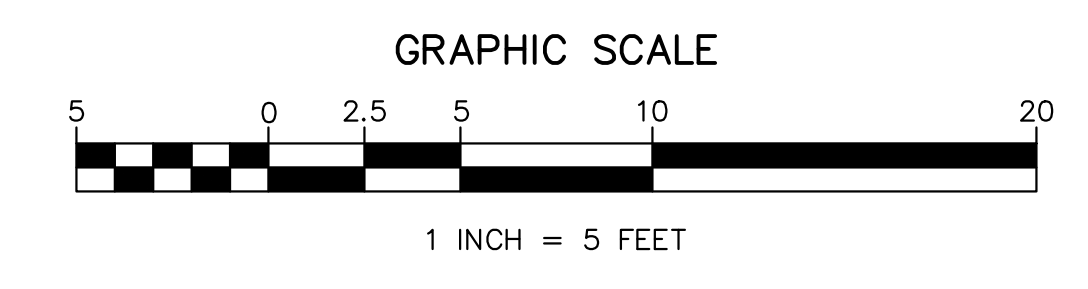


LEGEND

- EXISTING CONCRETE SURFACE
- PROPOSED CONCRETE SURFACE
- PROPOSED RIVER ROCK STONE
- EXISTING CURB LINE
- EXISTING FENCE LINE
- EXISTING GAS MAIN
- EXISTING STORM SEWER LINE
- EXISTING WATER MAIN
- EXISTING FIRE WATER MAIN
- EXISTING CABLE LINE
- EXISTING TELECOMMUNICATION LINE
- EXISTING UNDERGROUND ELECTRIC CONDUIT
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MINOR CONTOUR

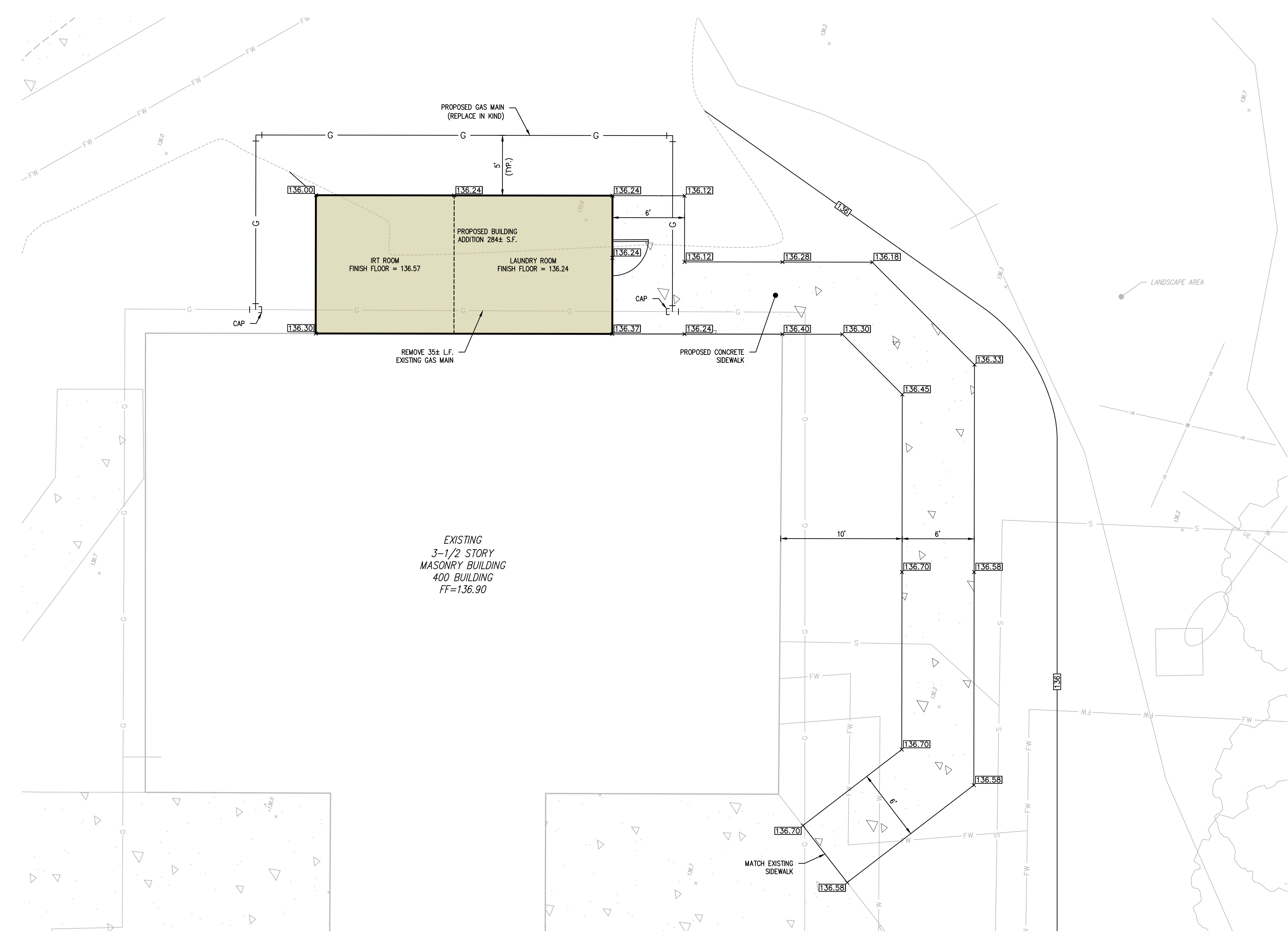
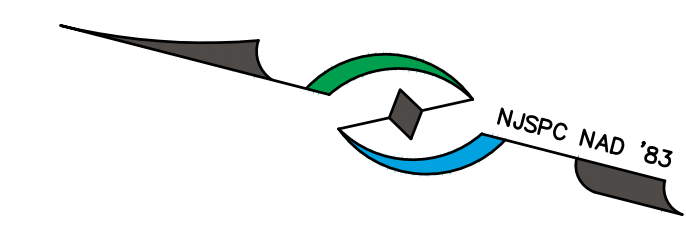
- EXISTING SIGNS
- EXISTING INLET
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING GAS VALVE
- EXISTING ELECTRIC BOX
- EXISTING ELECTRIC MANHOLE
- EXISTING MANHOLE
- EXISTING BOLLARD
- EXISTING BENCH
- EXISTING MAILBOX
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION

NOTE
SEE SHEET C1801 FOR LOCATION OF TREE PROTECTION FENCE.



09/05/2024	1	INITIAL SUBMISSION	SK	JDD
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
ROWAN UNIVERSITY EDGEWOOD APARTMENT ADDITIONS SHEET 3.01, BLOCK 388, P/O LOT 2.01 BOROUGH OF GLASSBORO, GLOUCESTER COUNTY, NEW JERSEY		 MARATHON Engineering & Environmental Services Swedesboro Office 3 Kildeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700		
DETAILED SITE, GRADING AND UTILITY PLAN - 300 BUILDING ROWAN UNIVERSITY 201 MULLICA HILL ROAD GLASSBORO, NEW JERSEY 08028				
JESSE D. DOUGHERTY, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 246E05008100 		SCALE: 1" = 5' APPROVED: JDD DRAWN BY: SK SHEET: 6 OF 13 DATE: 09/05/2024 OZC 001.01		

DATE: 09/05/2024, LAST MODIFIED: 09/05/2024



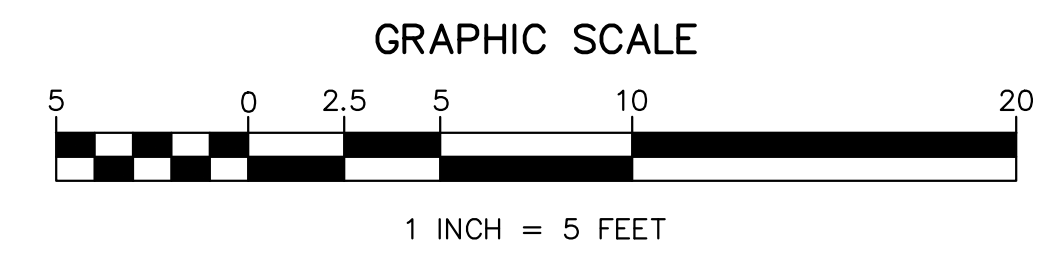
EXISTING
3-1/2 STORY
MASONRY BUILDING
400 BUILDING
FF=136.90

LEGEND

	EXISTING CONCRETE SURFACE		EXISTING SIGNS
	PROPOSED CONCRETE SURFACE		EXISTING INLET
	EXISTING CURB LINE		EXISTING FIRE HYDRANT
	EXISTING FENCE LINE		EXISTING WATER VALVE
	EXISTING GAS MAIN		EXISTING WATER METER
	PROPOSED GAS MAIN		EXISTING GAS VALVE
	EXISTING SANITARY MAIN		EXISTING ELECTRIC BOX
	EXISTING STORM SEWER LINE		EXISTING ELECTRIC MANHOLE
	EXISTING WATER MAIN		EXISTING MANHOLE
	EXISTING FIRE WATER MAIN		EXISTING BOLLARD
	EXISTING CABLE LINE		EXISTING BENCH
	EXISTING TELECOMMUNICATION LINE		EXISTING MAILBOX
	EXISTING UNDERGROUND ELECTRIC CONDUIT		EXISTING SPOT ELEVATION
	EXISTING MAJOR CONTOUR		PROPOSED SPOT ELEVATION
	EXISTING MINOR CONTOUR		
	PROPOSED MINOR CONTOUR		

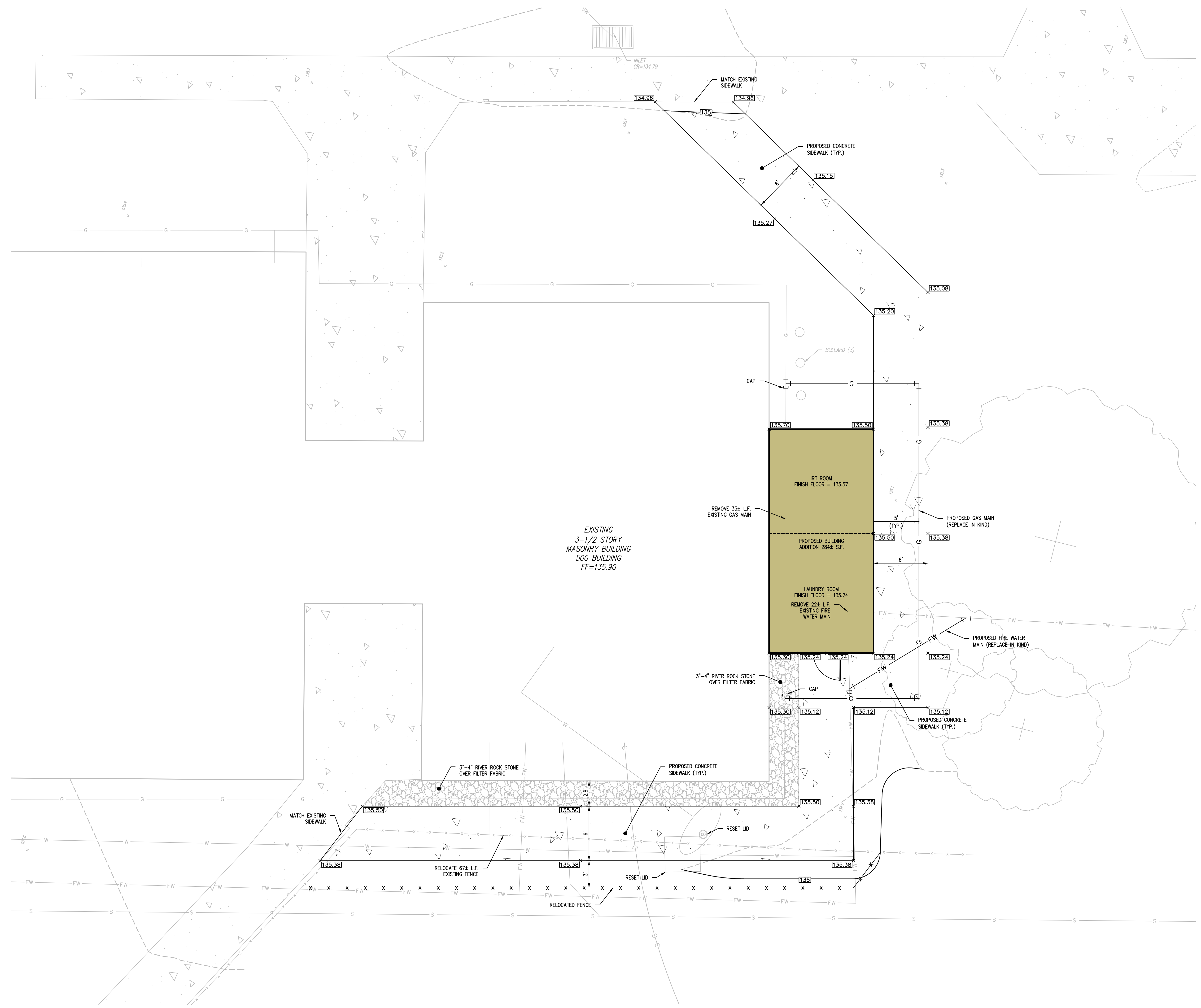
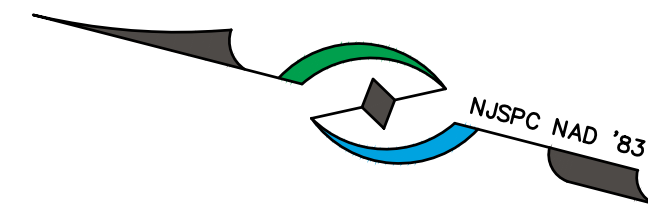
NOTE

SEE SHEET C1801 FOR LOCATION OF TREE PROTECTION FENCE.



09/05/2024	1	INITIAL SUBMISSION	SK	JDD
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
ROWAN UNIVERSITY EDGEWOOD APARTMENT ADDITIONS				
SHEET 3.01, BLOCK 388, P/O LOT 2.01 BOROUGH OF GLASSBORO, GLOUCESTER COUNTY, NEW JERSEY			MARATHON Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 Ph (856) 241-9705 Fax (856) 241-9709 Certificate of Authorization #240A27955700	
DETAILED SITE, GRADING AND UTILITY PLAN - 400 BUILDING			ROWAN UNIVERSITY 201 MULICA HILL ROAD GLASSBORO, NEW JERSEY 08028	
JESSE D. DOUGHERTY, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 240E05008100			SCALE 1" = 5'	APPROVED JDD
			DATE 09/05/2024	DRAWING NO. C0203
07C-001.01				

PROJECT: 24000001 - ROWAN UNIV EDGEWOOD APPT ADDITIONS, COMPOSITE PLAN, 09/05/2024



EXISTING
3-1/2 STORY
MASONRY BUILDING
500 BUILDING
FF=135.90

IRT ROOM
FINISH FLOOR = 135.57

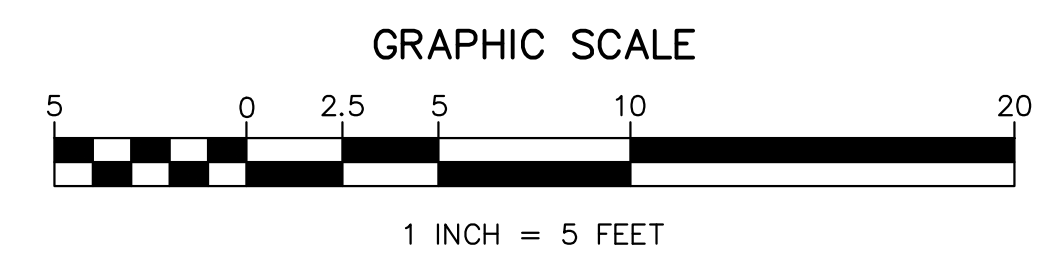
PROPOSED BUILDING
ADDITION 284± S.F.

LAUNDRY ROOM
FINISH FLOOR = 135.24
REMOVE 224 L.F.
EXISTING FIRE
WATER MAIN

LEGEND

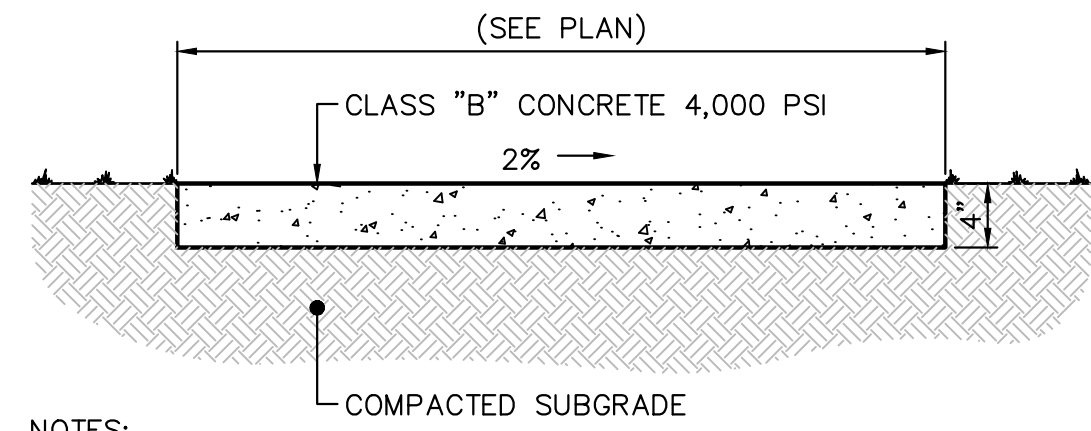
- | | | | |
|--|---------------------------------------|--|---------------------------|
| | EXISTING CONCRETE SURFACE | | EXISTING SIGNS |
| | PROPOSED CONCRETE SURFACE | | EXISTING INLET |
| | PROPOSED RIVER ROCK STONE | | EXISTING FIRE HYDRANT |
| | EXISTING CURB LINE | | EXISTING WATER VALVE |
| | EXISTING FENCE LINE | | EXISTING WATER METER |
| | EXISTING GAS MAIN | | EXISTING GAS VALVE |
| | PROPOSED GAS MAIN | | EXISTING ELECTRIC BOX |
| | EXISTING SANITARY MAIN | | EXISTING ELECTRIC MANHOLE |
| | EXISTING STORM SEWER LINE | | EXISTING MANHOLE |
| | EXISTING WATER MAIN | | EXISTING BOLLARD |
| | EXISTING FIRE WATER MAIN | | EXISTING BENCH |
| | PROPOSED FIRE WATER MAIN | | EXISTING MAILBOX |
| | EXISTING CABLE LINE | | EXISTING SPOT ELEVATION |
| | EXISTING TELECOMMUNICATION LINE | | PROPOSED SPOT ELEVATION |
| | EXISTING UNDERGROUND ELECTRIC CONDUIT | | |
| | EXISTING MAJOR CONTOUR | | |
| | EXISTING MINOR CONTOUR | | |
| | PROPOSED MAJOR CONTOUR | | |

NOTE
SEE SHEET C1801 FOR LOCATION OF TREE PROTECTION FENCE.



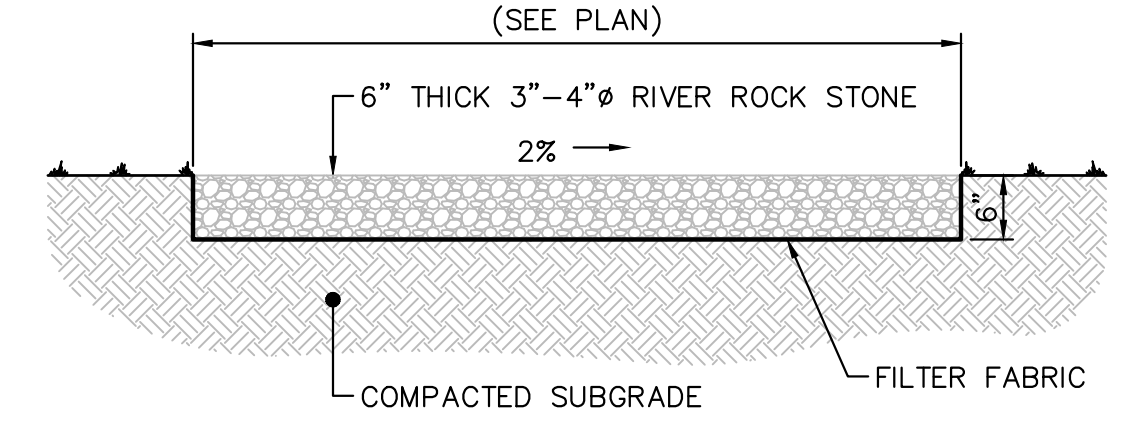
09/05/2024	1	INITIAL SUBMISSION	SK	JDD
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
ROWAN UNIVERSITY EDGEWOOD APARTMENT ADDITIONS				
SHEET 3.01, BLOCK 388, P/O LOT 2.01 BOROUGH OF GLASSBORO, GLOUCESTER COUNTY, NEW JERSEY				
DETAILED SITE, GRADING AND UTILITY PLAN - 500 BUILDING				
ROWAN UNIVERSITY 201 MULLICA HILL ROAD GLASSBORO, NEW JERSEY 08028				
JESSE D. DOUGHERTY, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 24GE05008100				
09/05/2024				
OZC 001.01				
MARATHON Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24CA27995700			SCALE 1" = 5'	APPROVED JDD 8 OF 13 C0204

DATE: 09/05/2024 10:45:00 AM PROJECT: ROWAN UNIVERSITY EDGEWOOD APARTMENT ADDITIONS SHEET: 3.01


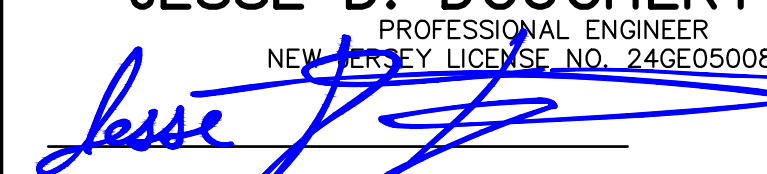


- NOTES:
1. EXPANSION JOINTS TO BE AT 20 FT C.C. CONTROL JOINTS TO BE AT 4 FT C.C. EXPANSION JOINT MATERIAL TO BE CORK OR MASTIC MATERIAL OR APPROVED EQUAL.
 2. 2% SLOPE INDICATES FLOW AWAY FROM BUILDING TO ROADWAY OR PARKING AREA.
 3. SIDEWALK SURFACE TO BE BROOM FINISH.

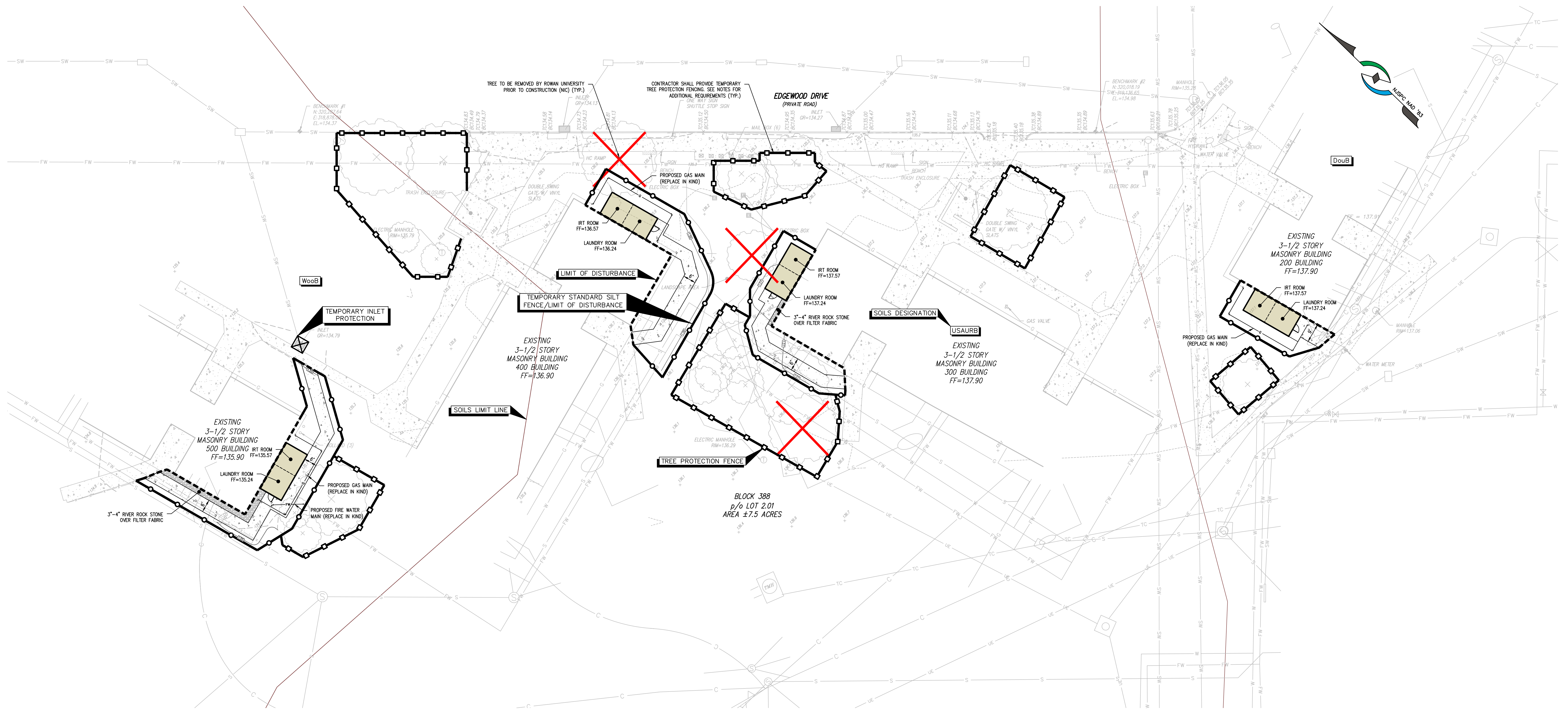
CONCRETE SIDEWALK DETAIL
N.T.S.



RIVER ROCK STONE PLACEMENT DETAIL
N.T.S.

09/05/2024	1	INITIAL SUBMISSION	SK	JDD
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
ROWAN UNIVERSITY EDGEWOOD APARTMENT ADDITIONS SHEET 3.01, BLOCK 388, P/O LOT 2.01 BOROUGH OF GLASSBORO, GLOUCESTER COUNTY, NEW JERSEY			 MARATHON Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700	
SITE DETAIL SHEET			SCALE	APPROVED
ROWAN UNIVERSITY 201 MULlica HILL ROAD GLASSBORO, NEW JERSEY 08028			AS SHOWN	JDD
JESSE D. DOUGHERTY, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 246E05008100 			DATE	SHEET
09/05/2024			SK	9 OF 13
02C 001.01			C1101	

ISSUED ON 09/05/2024, LAST MODIFIED ON 09/05/2024



EROSION NOTES

- 1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL APPLY TO SUBSEQUENT OWNERS IF TITLE IS CONVEYED.
2. THIS PLAN IS TO BE USED FOR SOIL EROSION AND SEDIMENT CONTROL PURPOSES ONLY.
3. SOIL EROSION AND SEDIMENT CONTROL IMPLEMENTATION SHALL BE IN ACCORDANCE WITH STANDARDS SET FORTH BY THE GLOUCESTER COUNTY SOIL CONSERVATION DISTRICT.
4. ALL TOPSOIL STORAGE AREAS SHALL BE REMOVED PRIOR TO FINAL OCCUPANCY OF THE BUILDING AND AREA RESTORED TO PRE-DEVELOPMENT CONDITIONS.
5. SOIL HAVING A PH OF 4.0 OR LESS OR CONTAINING IRON SULFIDE MUST BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A PH OF 5.0 OR MORE BEFORE SEEDBED PREPARATION.
6. NJSA 4:24-39, ET SEQ., REQUIRES THAT UPON PERMANENT SITE STABILIZATION AND COMPLETION OF CONSTRUCTION THE CONTRACTOR SHALL APPLY TO THE SOIL CONSERVATION DISTRICT FOR FINAL COMPLIANCE INSPECTION TO CHECK THAT ALL THE PROVISIONS OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN HAVE BEEN COMPLIED WITH FOR PERMANENT MEASURES.
7. SEE DRAWING NUMBER C1301 FOR SOIL EROSION AND SEDIMENT CONTROL NOTES.
8. SEE DRAWING NUMBER C1302 FOR SOIL EROSION AND SEDIMENT CONTROL DETAILS.

LEGEND

- EXISTING CONCRETE SURFACE
PROPOSED CONCRETE SURFACE
PROPOSED RIVER ROCK STONE
PROPOSED MAJOR CONTOUR
PROPOSED MINOR CONTOUR
EXISTING CURB LINE
EXISTING FENCE LINE
EXISTING GAS MAIN
PROPOSED GAS MAIN
EXISTING SANITARY MAIN
EXISTING STORM SEWER LINE
EXISTING WATER MAIN
EXISTING FIRE WATER MAIN
PROPOSED FIRE WATER MAIN
EXISTING CABLE LINE
EXISTING TELECOMMUNICATION LINE
EXISTING UNDERGROUND ELECTRIC CONDUIT
EXISTING SIGNS
EXISTING INLET
EXISTING FIRE HYDRANT
EXISTING WATER VALVE
EXISTING WATER METER
EXISTING GAS VALVE
EXISTING ELECTRIC BOX
EXISTING ELECTRIC MANHOLE
EXISTING BOLLARD
EXISTING BENCH
EXISTING MAILBOX
EXISTING SPOT ELEVATION
TREE TO BE REMOVED

SOIL EROSION LEGEND

- TEMPORARY STANDARD SILT FENCE/LIMIT OF DISTURBANCE
TEMPORARY TREE PROTECTION FENCE
LIMIT OF DISTURBANCE
SOILS LIMIT LINE
SOILS DESIGNATION (USAURB)

SOILS DATA

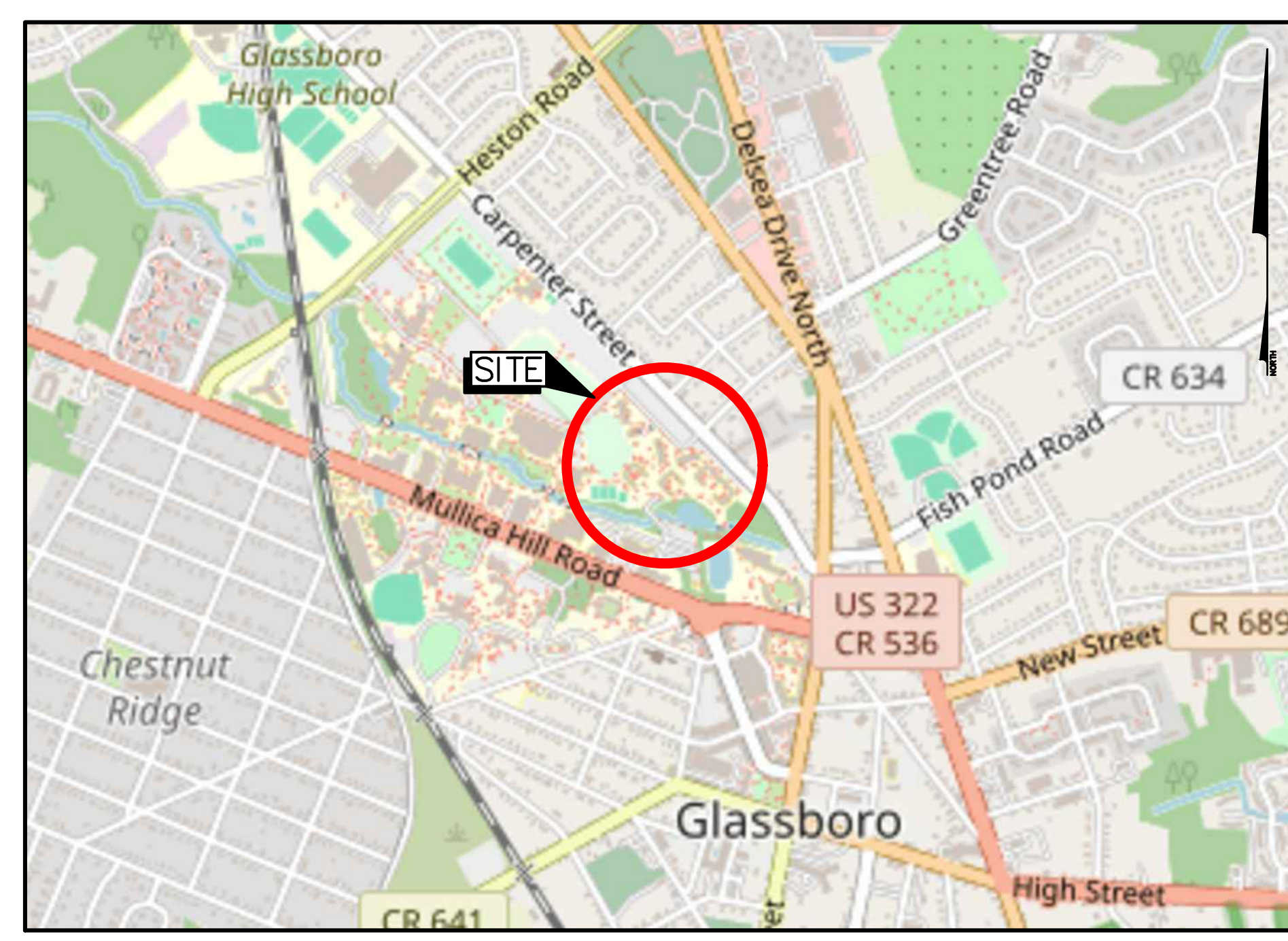
Table with 4 columns: Soil Designation (DouB, FmhAt, USAURB, WocB), Description (Downer-Urban Land Complex, etc.), Slope (0-5%), and Soils Group ("A", "B/D", "B").

LIMIT OF DISTURBANCE

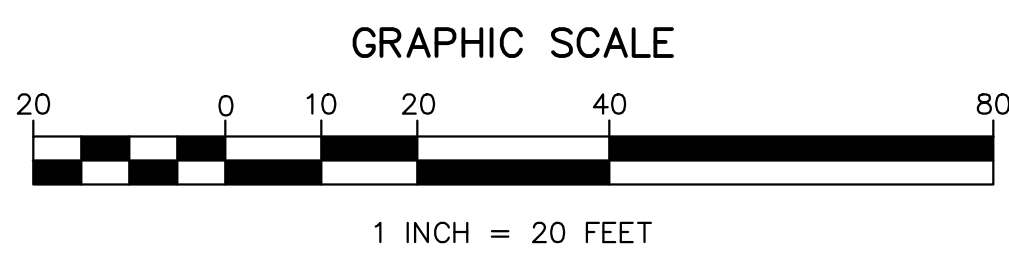
TOTAL AREA OF PROPOSED DISTURBANCE = 0.16 AC.

TREE PROTECTION NOTES

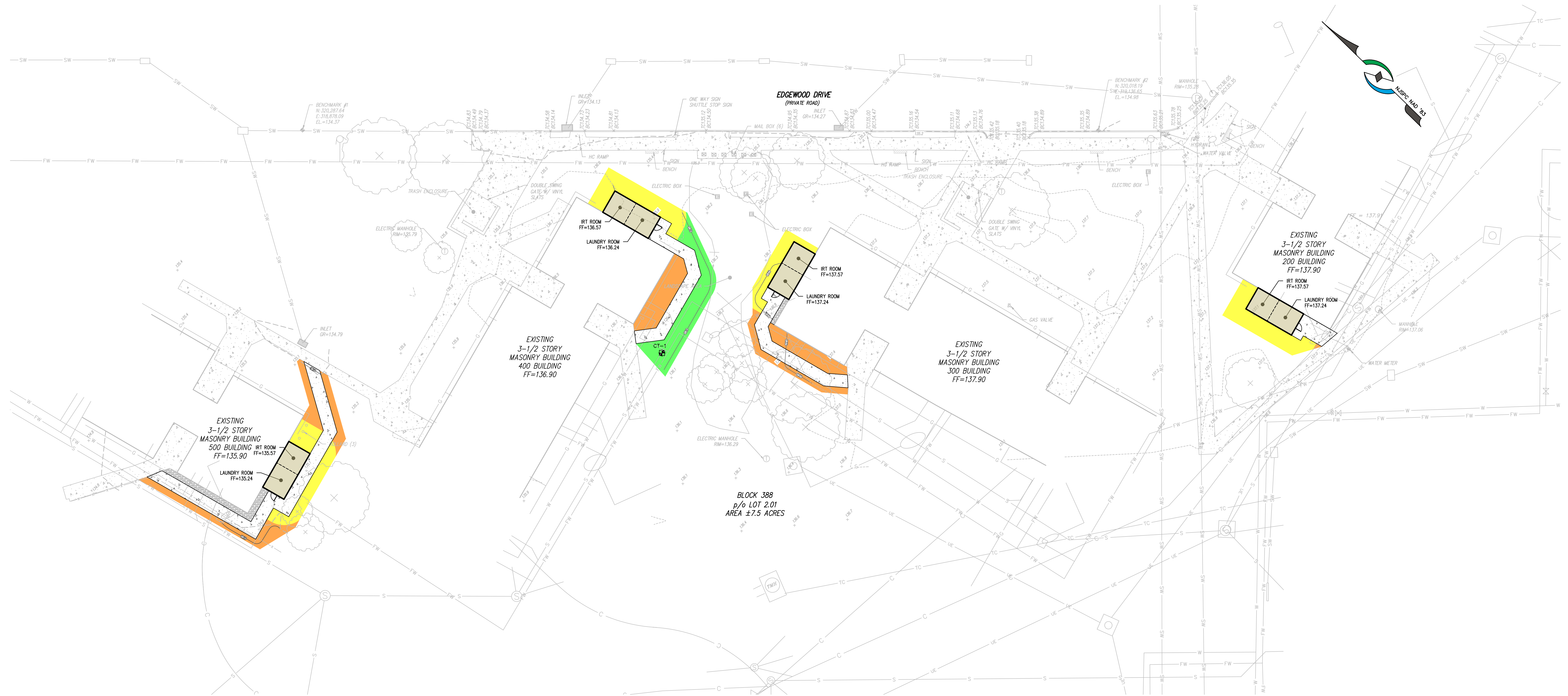
- 1. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING FOR PROTECTION OF TREES' CRITICAL ROOT ZONES (CRZ) DURING CONSTRUCTION. FENCE SHALL BE 4 FEET HIGH ABOVE GRADE AND HIGH-VISIBILITY. FENCE SHALL NOT BE REMOVED DURING CONSTRUCTION. MATERIALS, TOOLS, EQUIPMENT, ETC. SHALL NOT BE PLACED WITHIN THE CRZ.
2. CONTRACTOR SHALL KEEP VEHICLES OFF NON-PAVED SURFACES TO THE EXTENT POSSIBLE. NON-PAVED SURFACES SHALL BE PROTECTED WITH GROUND PROTECTION MATS. TO BE APPROVED BY ROWAN'S PROJECT MANAGER, IN AREAS WHERE MATERIALS WILL BE STORED OR VEHICLE CIRCULATION IS APPROVED.
3. CONTRACTOR SHALL SUBMIT FOR APPROVAL A SITE ACCESS PLAN INCLUDING PROPOSED AREAS FOR MATERIAL STORAGE AND LAY DOWN. VEHICLES AND MATERIALS SHALL REMAIN WITHIN THE APPROVED ACCESS ZONES.
4. ROWAN UNIVERSITY SHALL PRUNE BRANCHES FROM TREE CANOPIES THAT WILL CONFLICT WITH CONSTRUCTION PRIOR TO COMMENCEMENT OF CONSTRUCTION.
5. IF ROOTS GREATER THAN 2 INCH DIAMETER ARE ENCOUNTERED DURING EXCAVATION, CONTRACTOR SHALL INFORM ROWAN PROJECT MANAGER.



STREET LOCATION MAP
SCALE: 1" = 1,000'



Project information block including: Rowan University Edgewood Apartment Additions, Sheet 3.01, Block 388, P/O Lot 2.01. Includes logos for Marathon Engineering & Environmental Services and Jesse D. Dougherty, P.E. with signature and date 09/05/2024.



SOIL DE-COMPACTION AND TESTING REQUIREMENTS

SOIL COMPACTION TESTING REQUIREMENTS

- SUBGRADE SOILS PRIOR TO THE APPLICATION OF TOPSOIL (SEE PERMANENT SEEDING AND STABILIZATION NOTES FOR TOPSOIL REQUIREMENTS) SHALL BE FREE OF EXCESSIVE COMPACTION TO A DEPTH OF 6.0 INCHES TO ENHANCE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.
- AREAS OF THE SITE WHICH ARE SUBJECT TO COMPACTION TESTING AND/OR MITIGATION ARE GRAPHICALLY DENOTED ON THE CERTIFIED SOIL EROSION CONTROL PLAN.
- COMPACTION TESTING LOCATIONS ARE DENOTED ON THE PLAN. A COPY OF THE PLAN OR PORTION OF THE PLAN SHALL BE USED TO MARK LOCATIONS OF TESTS, AND ATTACHED TO THE COMPACTION REMEDIATION FORM, AVAILABLE FROM THE LOCAL SOIL CONSERVATION DISTRICT. THIS FORM MUST BE FILLED OUT AND SUBMITTED PRIOR TO RECEIVING A CERTIFICATE OF COMPLIANCE FROM THE DISTRICT.
- IN THE EVENT THAT TESTING INDICATES COMPACTION IN EXCESS OF THE MAXIMUM THRESHOLDS INDICATED FOR SIMPLIFIED TESTING METHOD (SEE DETAIL BELOW), THE CONTRACTOR/OWNER SHALL HAVE THE OPTION TO PERFORM EITHER (1) COMPACTION MITIGATION OVER THE ENTIRE MITIGATION AREA DENOTED ON THE PLAN (EXCLUDING EXEMPT AREAS), OR (2) PERFORM ADDITIONAL, MORE DETAILED TESTING TO ESTABLISH THE LIMITS OF EXCESSIVE COMPACTION WHEREUPON ONLY THE EXCESSIVELY COMPACTED AREAS WOULD REQUIRE COMPACTION MITIGATION. ADDITIONAL DETAILED TESTING SHALL BE PERFORMED BY A TRAINED, LICENSED PROFESSIONAL.

COMPACTION TESTING METHODS

- PROBING WIRE TEST (SEE DETAIL)
- HAND-HELD PENETROMETER TEST (SEE DETAIL)
- TUBE BULK DENSITY TEST (LICENSED PROFESSIONAL ENGINEER REQUIRED)
- NUCLEAR DENSITY TEST (LICENSED PROFESSIONAL ENGINEER REQUIRED)

NOTE: ADDITIONAL TESTING METHODS WHICH CONFORM TO ASTM STANDARDS AND SPECIFICATIONS, AND WHICH PRODUCE A DRY WEIGHT, SOIL BULK DENSITY MEASUREMENT MAY BE ALLOWED SUBJECT TO DISTRICT APPROVAL.

SOIL COMPACTION TESTING IS NOT REQUIRED IF WHEN SUBSOIL COMPACTION REMEDIATION (SCARIFICATION/TILLAGE (6" MINIMUM DEPTH) OR SIMILAR) IS PROPOSED AS PART OF THE SEQUENCE OF CONSTRUCTION.

PROCEDURES FOR SOIL COMPACTION MITIGATION

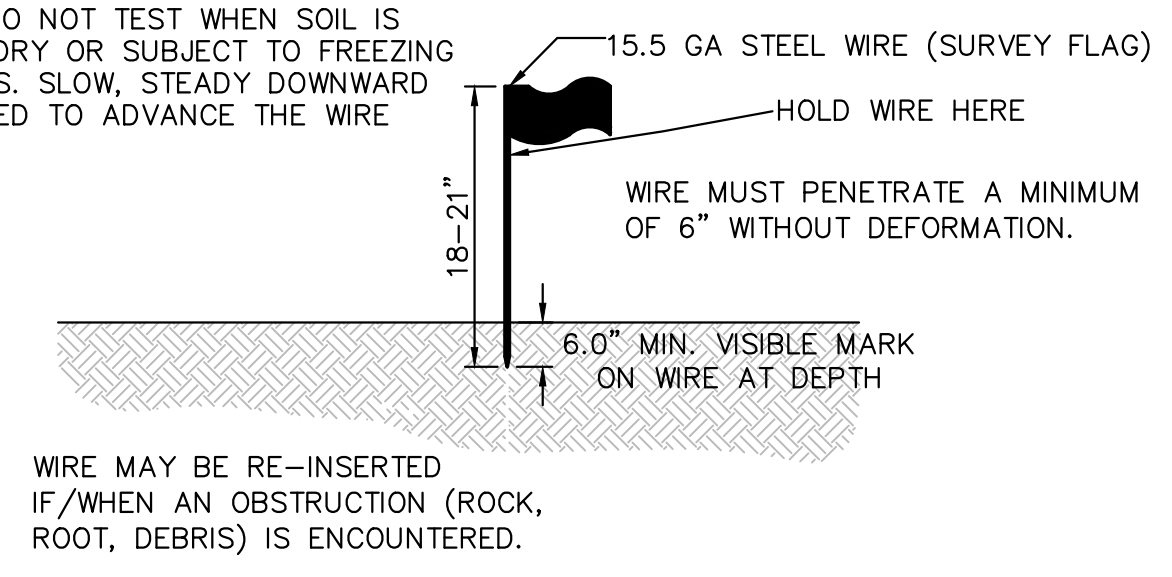
PROCEDURES SHALL BE USED TO MITIGATE EXCESSIVE SOIL COMPACTION PRIOR TO PLACEMENT OF TOPSOIL AND ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.

RESTORATION OF COMPACTED SOILS SHALL BE THROUGH DEEP SCARIFICATION/TILLAGE (6" MINIMUM DEPTH) WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLE, IRRIGATION SYSTEMS, ETC.). IN THE ALTERNATIVE, ANOTHER METHOD AS SPECIFIED BY A NEW JERSEY LICENSED PROFESSIONAL ENGINEER MAY BE SUBSTITUTED AND SUBJECT TO DISTRICT APPROVAL.

LEGEND

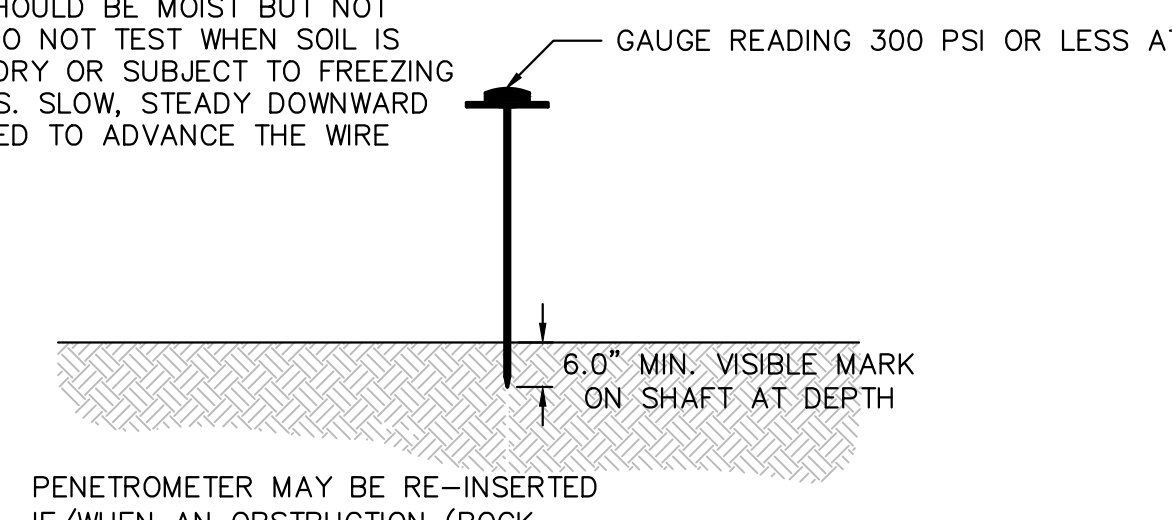
- PERVIOUS AREAS OF DISTURBANCE WITHIN 12 FEET OF A STRUCTURE
- PERVIOUS AREAS OF DISTURBANCE UNDER 500 S.F.
- SOIL RESTORATION AREA - 0.015 ACRES (SOIL TESTING REQUIRED FOR PERVIOUS AREAS OF DISTURBANCE OVER 500 S.F.)
- CT-1 SOIL COMPACTION TEST REQUIRED (DISPERSED IN OPEN AREAS WITH FINAL LOCATIONS TO BE DETERMINED IN FIELD)

NOTE: SOIL SHOULD BE MOIST BUT NOT SATURATED. DO NOT TEST WHEN SOIL IS EXCESSIVELY DRY OR SUBJECT TO FREEZING TEMPERATURES. SLOW, STEADY DOWNWARD PRESSURE USED TO ADVANCE THE WIRE.



PROBING WIRE TEST
N.T.S.

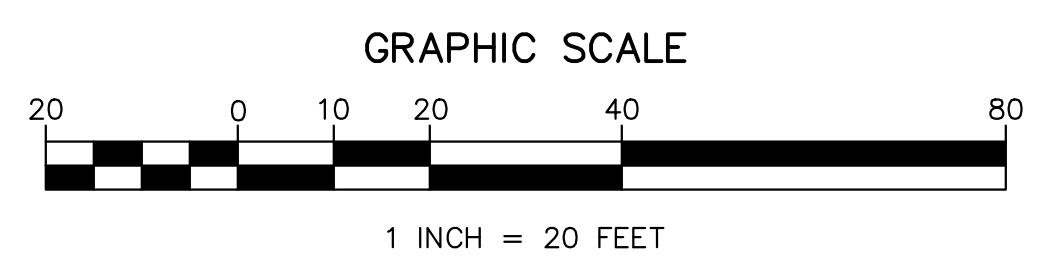
NOTE: SOIL SHOULD BE MOIST BUT NOT SATURATED. DO NOT TEST WHEN SOIL IS EXCESSIVELY DRY OR SUBJECT TO FREEZING TEMPERATURES. SLOW, STEADY DOWNWARD PRESSURE USED TO ADVANCE THE WIRE.



HANDHELD SOIL PENETROMETER TEST
N.T.S.

LEGEND

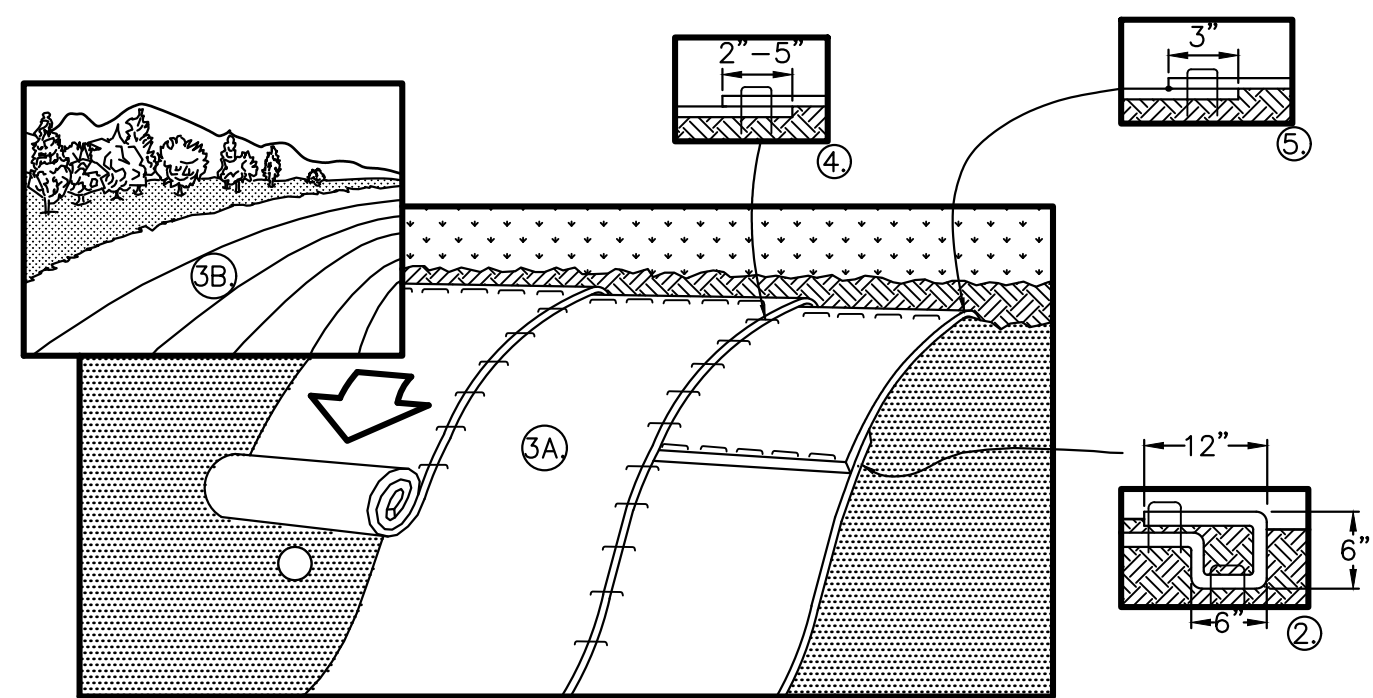
- EXISTING CONCRETE SURFACE
- PROPOSED CONCRETE SURFACE
- PROPOSED RIVER ROCK STONE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING CURB LINE
- EXISTING FENCE LINE
- EXISTING GAS MAIN
- EXISTING SANITARY MAIN
- EXISTING STORM SEWER LINE
- EXISTING WATER MAIN
- EXISTING FIRE WATER MAIN
- EXISTING CABLE LINE
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- EXISTING ELECTRIC BOX
- EXISTING ELECTRIC MANHOLE
- EXISTING BOLLARD
- EXISTING BENCH
- EXISTING MAILBOX
- EXISTING SPOT ELEVATION



09/05/2024	1	INITIAL SUBMISSION	SK	JDD
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
ROWAN UNIVERSITY EDGEWOOD APARTMENT ADDITIONS				
SHEET 3.01, BLOCK 388, P/O LOT 2.01 BOROUGH OF GLASSBORO, GLOUCESTER COUNTY, NEW JERSEY				
SOIL COMPACTION PLAN				
ROWAN UNIVERSITY 201 MULLICA HILL ROAD GLASSBORO, NEW JERSEY 08026				
JESSE D. DOUGHERTY, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 24GE05008100				
09/05/2024				C1202
OZC-001.01				

MARATHON
Engineering & Environmental Services
Swedesboro Office
3 Kildeer Court, Suite 302, Swedesboro, NJ 08085
ph (856) 241-9705 fax (856) 241-9709
Certificate of Authorization #24GA27995700

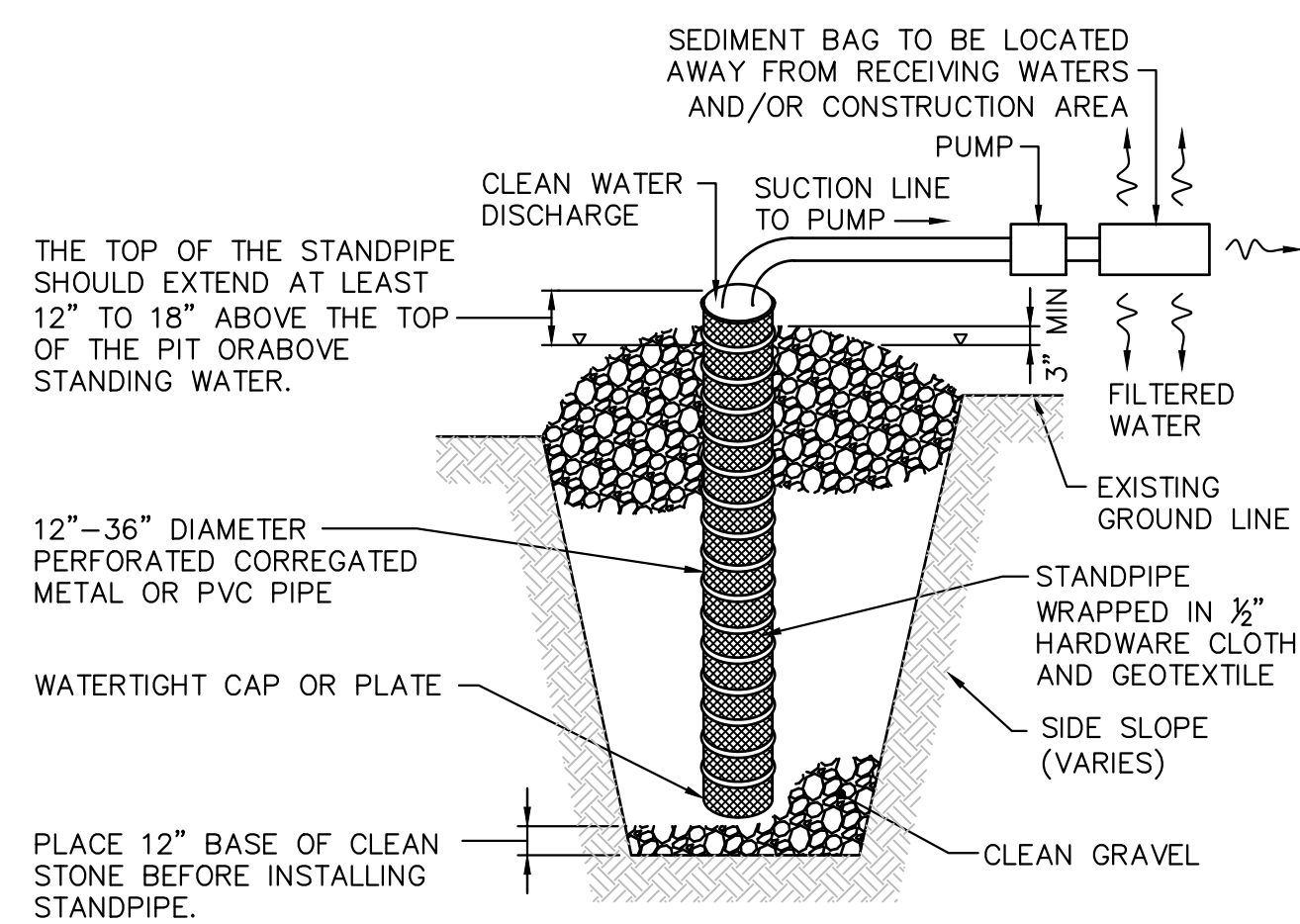
DATE PLOTTED: 09/05/2024 10:48:00 AM



1. THE EROSION CONTROL MATTING SHALL BE NORTH AMERICAN GREEN BIONET S75BN (SHORT-TERM BIODEGRADABLE SINGLE-NET STRAW BLANKET) OR APPROVED EQUAL.
2. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LINE, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
3. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
4. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
5. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
6. CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
7. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

SLOPE BLANKET INSTALLATION DETAIL

N.T.S.

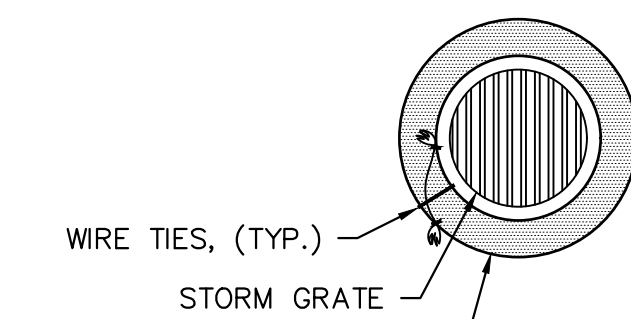


CONSTRUCTION SPECIFICATIONS

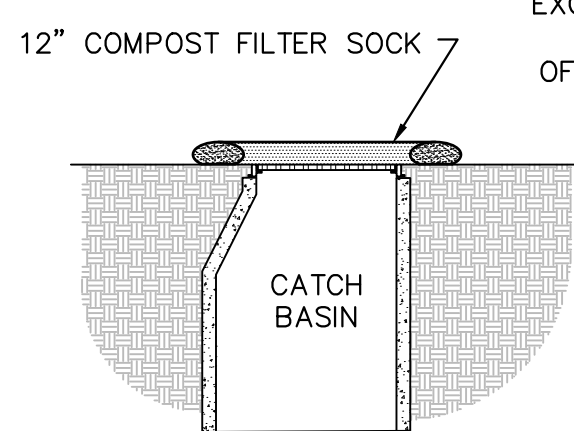
1. PIT DIMENSIONS ARE VARIABLE, WITH THE MINIMUM DIAMETER BEING 2 TIMES THE STANDPIPE DIAMETER.
2. THE STANDPIPE SHOULD BE CONSTRUCTED BY PERFORATING A 12" TO 24" DIAMETER CORRUGATED OR PVC PIPE, THEN WRAPPING WITH 1/2" HARDWARE CLOTH AND GEOTEXTILE FABRIC. THE PERFORATIONS SHALL BE 1/2" X 6" SLITS OR 1" DIAMETER HOLES.
3. A BASE FILTER MATERIAL CONSISTING OF CLEAN GRAVEL OR ASTM C 33 STONE SHOULD BE PLACED IN THE PIT TO A DEPTH OF 12". AFTER INSTALLING THE STANDPIPE, THE PIT SURROUNDING THE STANDPIPE SHOULD THEN BE BACKFILLED WITH THE SAME FILTER MATERIAL.
4. THE STANDPIPE SHOULD EXTEND 12" TO 18" ABOVE THE LIP OF THE PIT OR THE RISER CREST ELEVATION (BASIN DEWATERING ONLY) AND THE FILTER MATERIAL SHOULD EXTEND 3" MINIMUM ABOVE THE ANTICIPATED STANDING WATER ELEVATION.
5. ∇ WATER SURFACE ELEVATION.
6. SEDIMENT CONTROL BAGS MUST BE DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS. BAGS MAY NOT BE REUSED.

TEMPORARY SUMP PIT DURING CONSTRUCTION

N.T.S.



DRAIN INLET PLAN

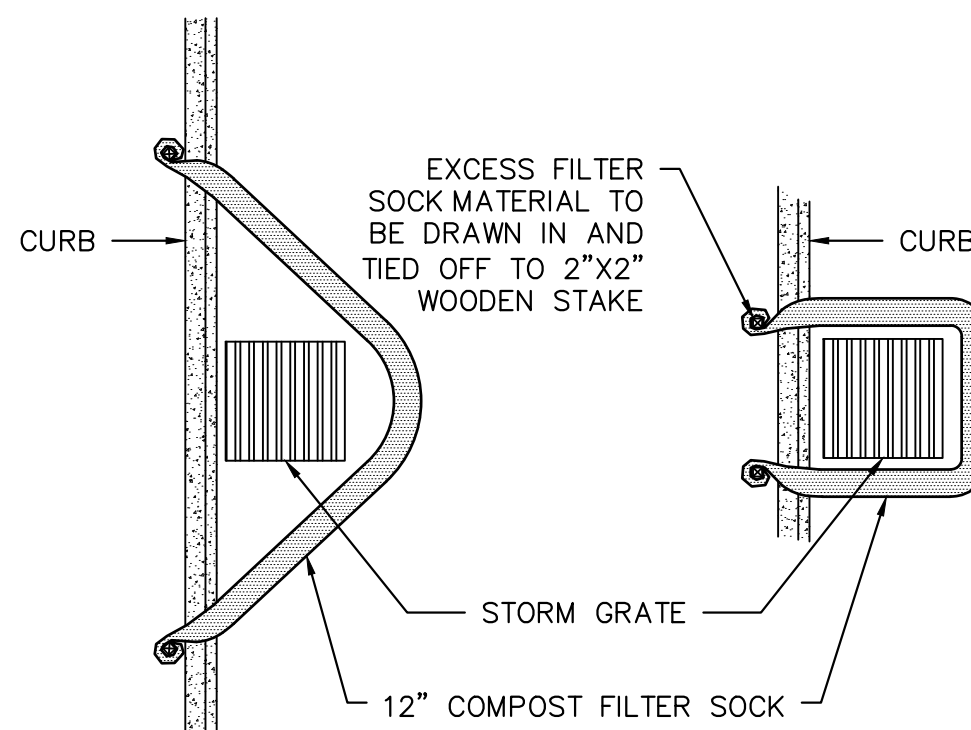


DRAIN INLET SECTION

- NOTES:
1. 12" COMPOST FILTER SOCK TO BE USED IN ADDITION TO SPECIFIED INLET PROTECTION.
 2. ALL MATERIAL TO MEET Filtrexx® SPECIFICATIONS OR APPROVED EQUAL.
 3. FILTER MEDIA™ FILL OR APPROVED EQUAL TO MEET APPLICATION REQUIREMENTS.
 4. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

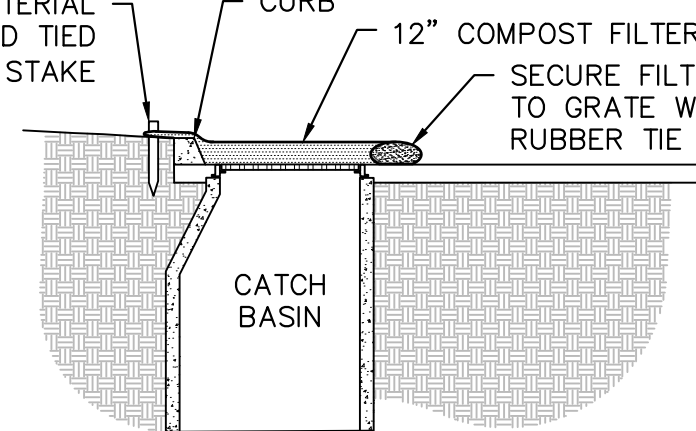
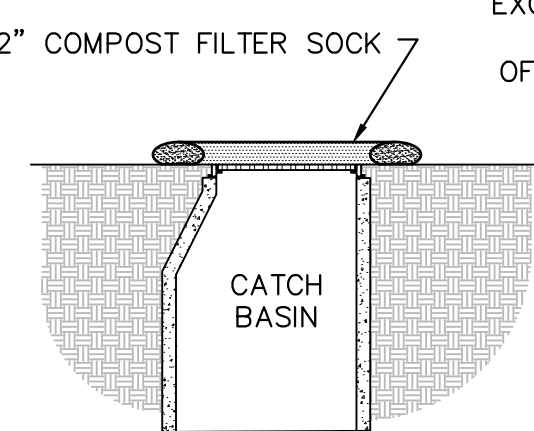
12" COMPOST FILTER SOCK DETAIL

N.T.S.

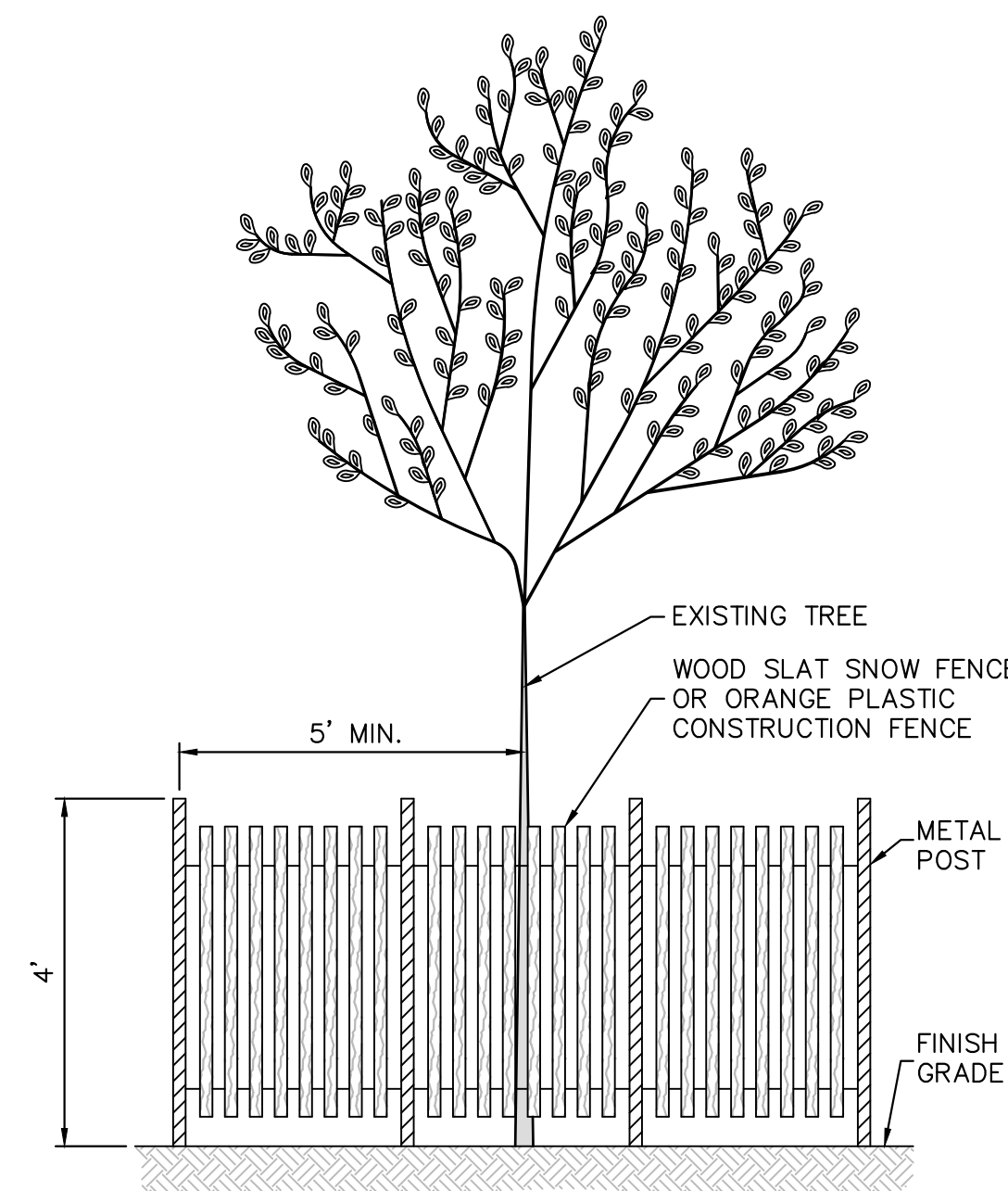


CURBSIDE OPTION "A" PLAN

CURBSIDE OPTION "B" PLAN

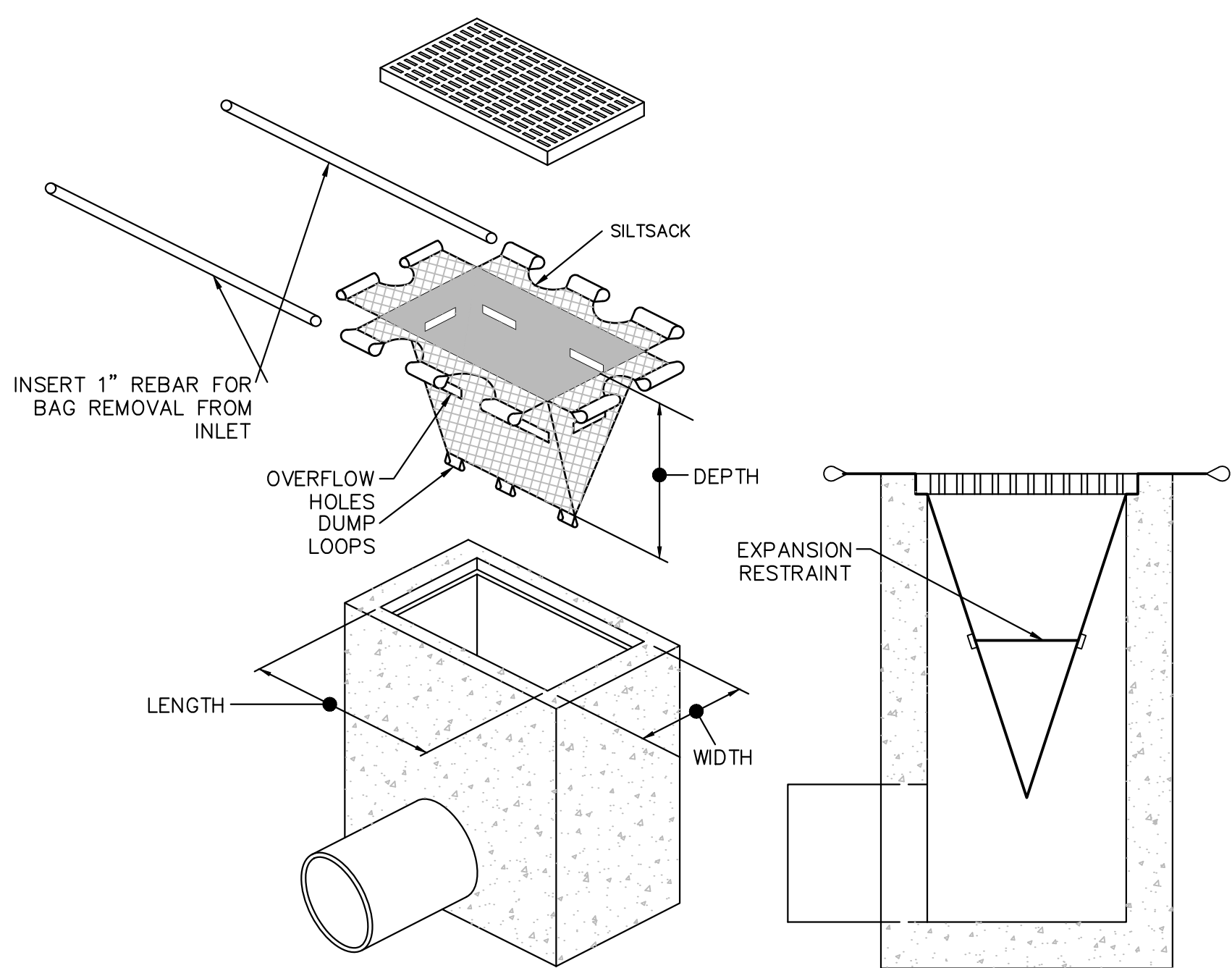


CURBSIDE SECTION



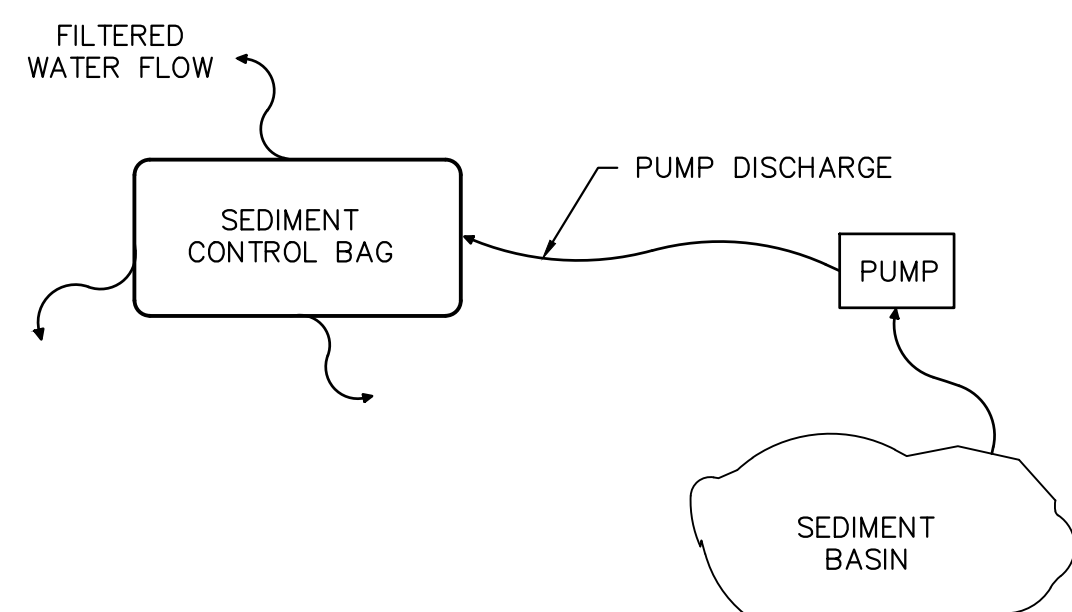
TREE PROTECTION FENCE DETAIL

N.T.S.



INLET PROTECTION DETAIL

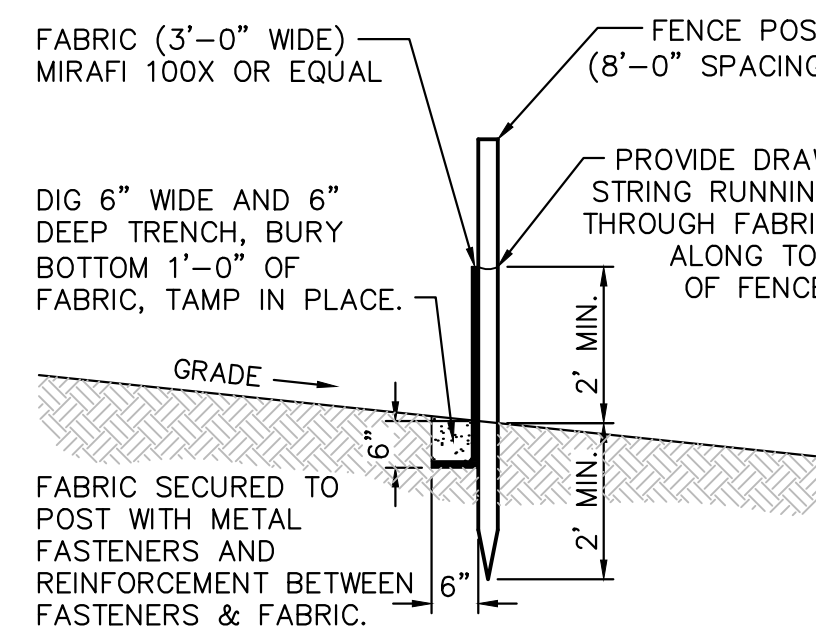
N.T.S.



- NOTES:
1. BAG MUST BE LOCATED AWAY FROM RECEIVING WATERS AND/OR CONSTRUCTION ACTIVITIES.
 2. BAG MUST BE DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS. BAGS MAY NOT BE REUSED.

SEDIMENT CONTROL BAG FOR DEWATERING DETAIL

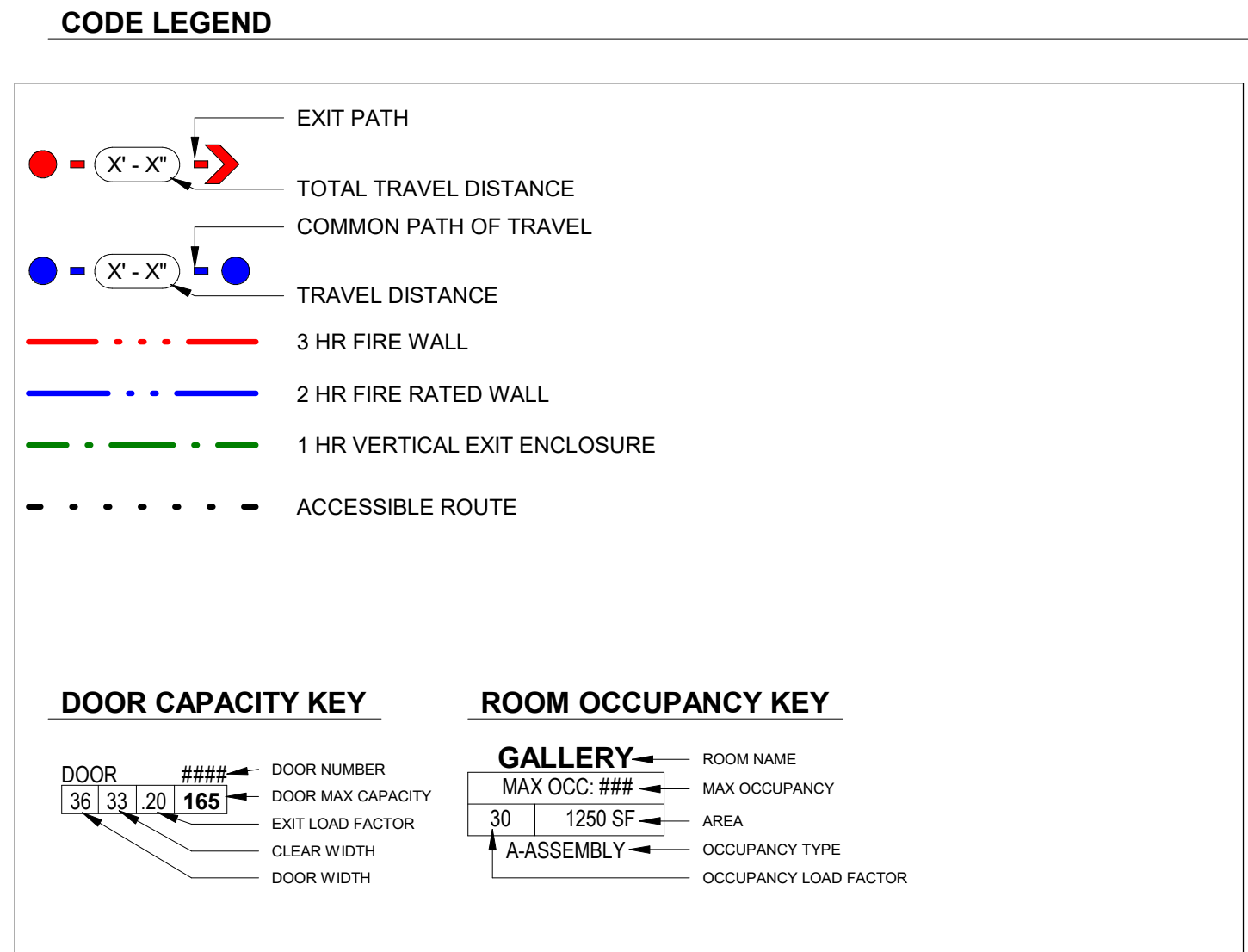
N.T.S.



STANDARD SILT FENCE DETAIL

N.T.S.

09/05/2024	1	INITIAL SUBMISSION	SK	JDD
ISSUE DATE	ISSUE NO.	SUBMISSION/REVISION	BY	APPR.
ROWAN UNIVERSITY EDGEWOOD APARTMENT ADDITIONS SHEET 3.01, BLOCK 388, P/O LOT 2.01 BOROUGH OF GLASSBORO, GLOUCESTER COUNTY, NEW JERSEY SOIL EROSION AND SEDIMENT CONTROL DETAIL SHEET ROWAN UNIVERSITY 201 MULlica HILL ROAD GLASSBORO, NEW JERSEY 08028			 MARATHON Engineering & Environmental Services Swedesboro Office 3 Killdeer Court, Suite 302, Swedesboro, NJ 08085 ph (856) 241-9705 fax (856) 241-9709 Certificate of Authorization #24GA27995700	
JESSE D. DOUGHERTY, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. #46E05008100 <i>Jesse Dougherty</i>			ALL DOCUMENTS PREPARED BY MARATHON ENGINEERING AND ENVIRONMENTAL SERVICES, INC. ARE PREPARED BY ENGINEERS OR ARCHITECTS WHO ARE NOT LICENSED OR REGISTERED TO BE OBTAINABLE FOR REUSE BY ANY OTHER PERSON OR ENTITY WITHOUT WRITTEN PERMISSION FROM MARATHON ENGINEERING AND ENVIRONMENTAL SERVICES, INC. MARATHON ENGINEERING AND ENVIRONMENTAL SERVICES, INC. SHALL INDEMNIFY AND HOLD HARMLESS MARATHON ENGINEERING AND ENVIRONMENTAL SERVICES, INC. FROM ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, INCURRED BY ANY PARTY.	SCALE: AS SHOWN DRAWN BY: SK CHECKED BY: JDD DATE: 09/05/2024 SHEET: 13 OF 13 DRAWING NO.: C1302



CODE SUMMARY

LIST OF APPLICABLE BUILDING CODES:

- 2021 INTERNATIONAL BUILDING CODE (IBC) - NEW JERSEY EDITION
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) & ANSI/ASHRAE/IES 90.1 - 2019
- 2021 INTERNATIONAL FUEL GAS CODE (IFGC)
- 2021 INTERNATIONAL MECHANICAL CODE (IMC)
- 2021 INTERNATIONAL FIRE CODE (IFC)
- N.J.A.C. SUBCODE CHAPTER 6, SECTION 5.23-6.32 ADDITIONS

EXISTING BUILDING INFORMATION

USE GROUP: R-2, RESIDENTIAL (DORMITORY)
 CONSTRUCTION TYPE: IIIB
 FULLY SPRINKLERED: YES
 EXG DEMISING WALLS: 8" MASONRY, 2-HR RATED, UL-U906 (PER EXISTING DOCUMENTS)
 EXG BUILDING AREA: 24, 552 S.F. (4 BUILDINGS @ 6,138 S.F. EACH)
 BUILDING HEIGHT: 30'-0" (UNCHANGED)
 NUMBER OF STORIES: 3 STORIES (UNCHANGED)

PROPOSED ADDITION INFORMATION:

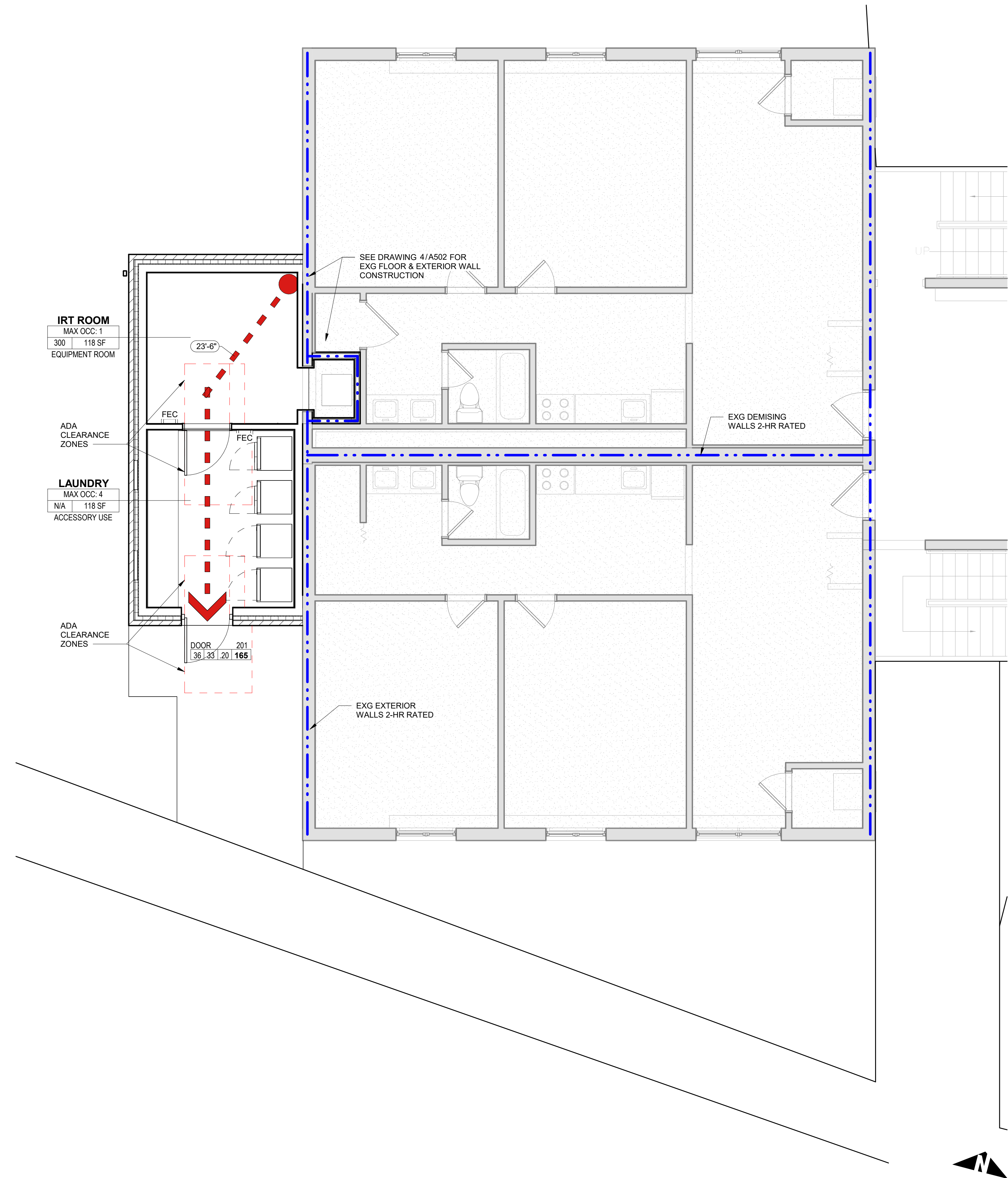
ADDITION/WORK AREA: 1,132 S.F. (4 ADDITIONS @ 283 S.F. EACH)

IRT ROOM

OCCUPANCY TYPE: STORAGE/EQUIPMENT ROOMS
 OCCUPANCY LOAD: 300 GROSS
 TOTAL OCCUPANCY: 1 PERSON(S)

LAUNDRY ROOM

OCCUPANCY TYPE: ACCESSORY USE
 OCCUPANCY LOAD: DETERMINED BY NUMBER OF APPLIANCES
 TOTAL OCCUPANCY: 4 PERSON(S)



1 LEVEL 1 - LIFE SAFETY PLAN (TYPICAL)
 LS001 1/4" = 1'-0"
 BLDG 200 SHOWN. DRAWINGS ARE TYPICAL FOR BLDGS 200 & 300, REVERSED/MIRRORED FOR BLDGS 400 & 500

Architect:
O:Z collaborative
 4818 Baltimore Avenue
 Philadelphia, PA 19143
 215.386.8191
 www.ozcollaborative.com

Consultants:
O'DONNELL & NACCAPATO
 STRUCTURAL ENGINEERS
BCCLT
 CONSULTING ENGINEERS

Seal:

Project:
ROWAN UNIVERSITY
ROWAN EPA - LAUNDRY ROOMS

400 EDGEWOOD DRIVE,
 GLASSBORO, NJ 08028

Issue Date: 12/19/2024

Revision Schedule

No.	Date	Drawn By	Description

The Contractor on site shall verify all dimensions and existing conditions. The contractor is required to perform all work in compliance with applicable codes and regulations of governing authorities having jurisdiction.

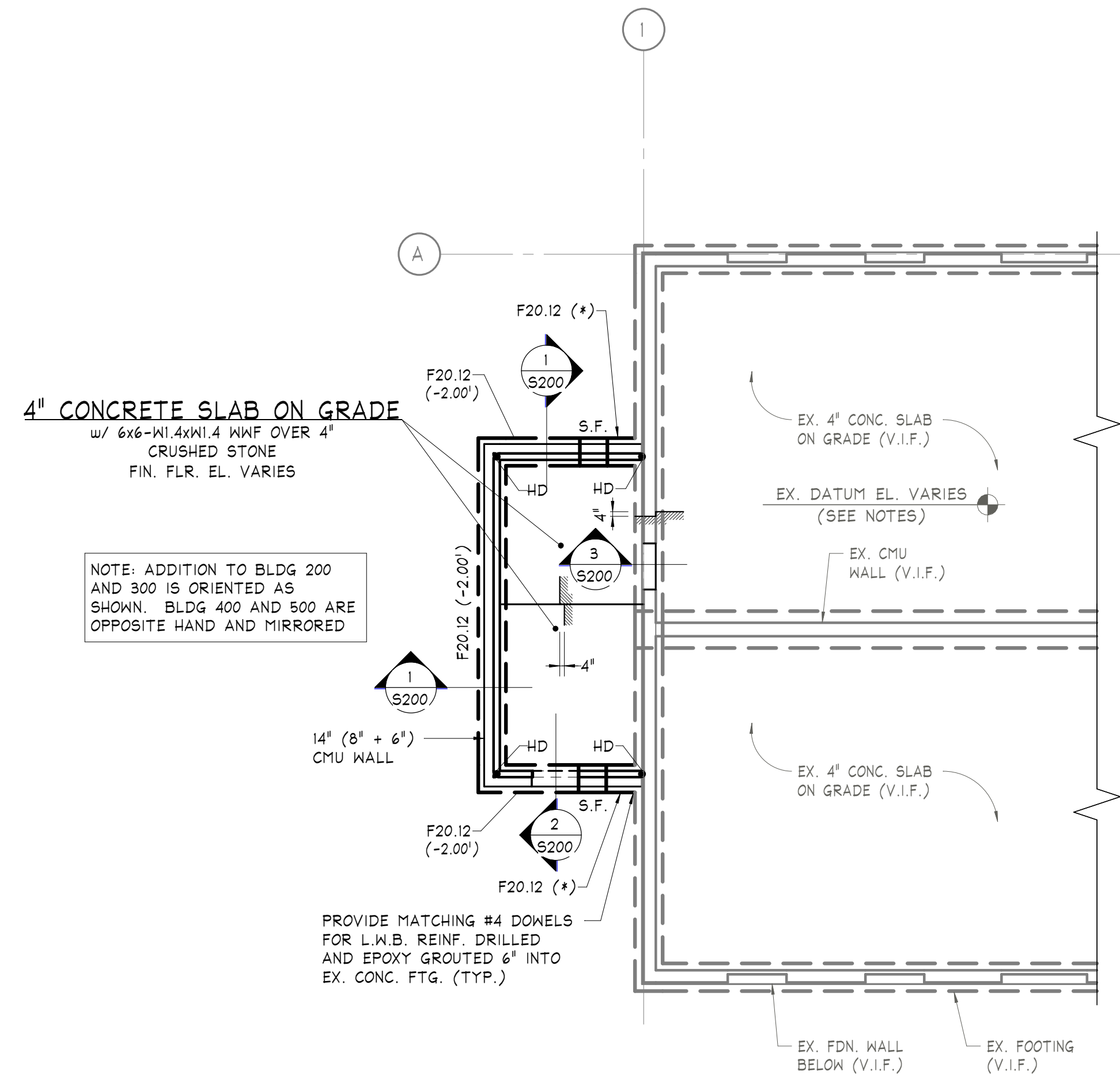
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Sheet Title and No.
LIFE SAFETY PLAN & CODE ANALYSIS

LS001

Project No.: 23280
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NOTE: ADDITION TO BLDG 200 AND 300 IS ORIENTED AS SHOWN. BLDG 400 AND 500 ARE OPPOSITE HAND AND MIRRORED

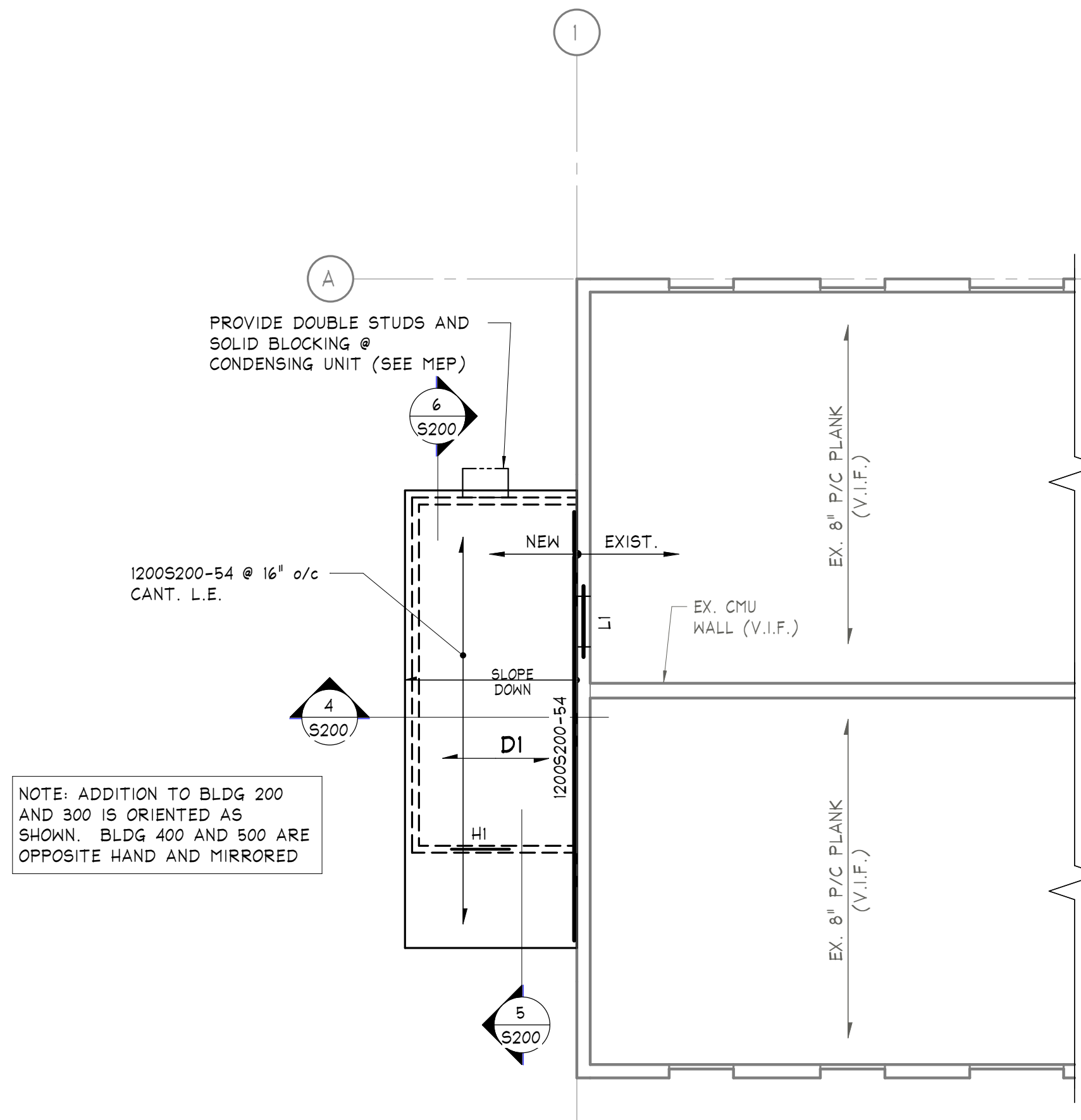
PROVIDE MATCHING #4 DOWELS FOR L.W.B. REINF. DRILLED AND EPOXY GROUTED 6\"/>

PARTIAL EXISTING FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

- NOTES:
- EXISTING FINISH FLOOR ELEVATION = DATUM EL. 0.00'. EXISTING ELEVATIONS PER 1973 DOCUMENTS ARE AS FOLLOWS:

BUILDING 200	139.00'
BUILDING 300	139.00'
BUILDING 400	138.00'
BUILDING 500	137.00'
 - SEE ARCHITECTURAL DOCUMENTS FOR ALL SLOPES AND VARIANCES FROM 0.00'.
 - BOTTOM OF FOOTING ELEVATION TO MATCH BOTTOM OF EXISTING FOOTING ELEVATION. EXISTING ELEVATIONS PER 1973 DOCUMENTS ARE AS FOLLOWS:

BUILDING 200	{134.67}
BUILDING 300	{135.33}
BUILDING 400	{134.33}
BUILDING 500	{132.67}
 - () INDICATES TOP OF FOOTING ELEVATION RELATIVE TO DATUM ELEVATION 0.00'.
 - SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT INDICATED.
 - { } INDICATES APPROXIMATE BOTTOM OF EXISTING FOOTING ELEVATION RELATIVE TO DATUM ELEVATION 0.00'.
 - (*) INDICATES BOTTOM OF FOOTING ELEVATION TO MATCH BOTTOM OF EXISTING FOOTING ELEVATION.
 - ALL EXTERIOR WALLS TO BE CONTINUOUSLY SHEATHED WITH 7/16" APA RATED SHEATHING, SCREWED @ 6" AROUND PERIMETER OF EACH PANEL AND 12" AT INTERIOR SUPPORTS.
 - "HD" INDICATES SIMPSON S/HDU9 HOLD DOWN @ EACH END OF WALLS w/ 7/8"Ø EPOXY ANCHORS (6" EMBED.). PROVIDE (2) JAMB STUDS AT ALL HOLD DOWN LOCATIONS.



NOTE: ADDITION TO BLDG 200 AND 300 IS ORIENTED AS SHOWN. BLDG 400 AND 500 ARE OPPOSITE HAND AND MIRRORED

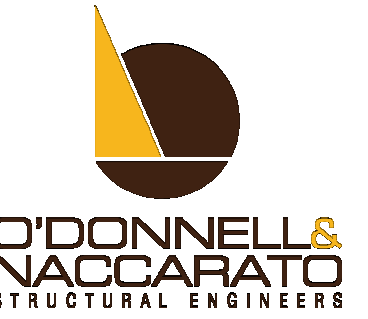
PARTIAL EXISTING LEVEL 2 FRAMING PLAN
SCALE: 1/8" = 1'-0"

- NOTES:
- ALL EXTERIOR WALLS TO BE CONTINUOUSLY SHEATHED WITH 7/16" APA RATED SHEATHING, SCREWED @ 6" AROUND PERIMETER OF EACH PANEL AND 12" AT INTERIOR SUPPORTS.
 - "DI" INDICATES 3/4" PLYWOOD SHEATHING. SEE ARCHITECTURAL DRAWINGS FOR ELEVATION.
 - "LI" INDICATES (2) 45x3 1/2x5/16 GALV. LINTEL.
 - "HI" INDICATES (2) 800S162-54 HEADER w/ DOUBLE KING STUDS & DOUBLE JACK STUDS.

Architect:



Consultants:



Seal:

Project:

ROWAN UNIVERSITY
ROWAN EPA - LAUNDRY ROOMS

400 EDGEWOOD DRIVE,
GLASSBORO, NJ 08028

Issue Date: 12/19/2024

Revision Schedule

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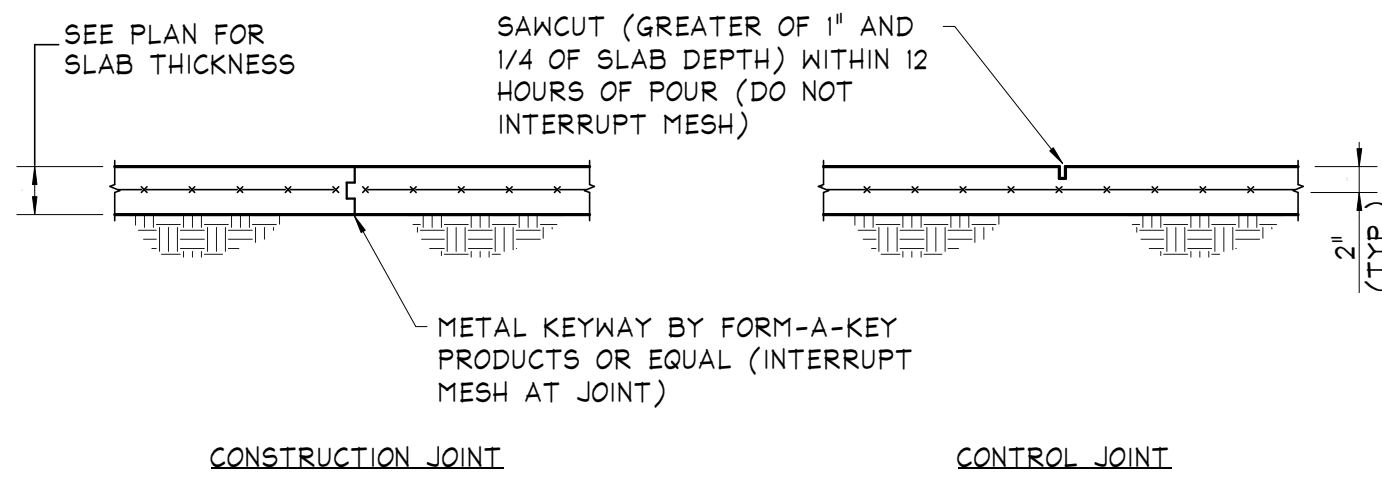
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Sheet Title and No.
PARTIAL EXISTING PLANS

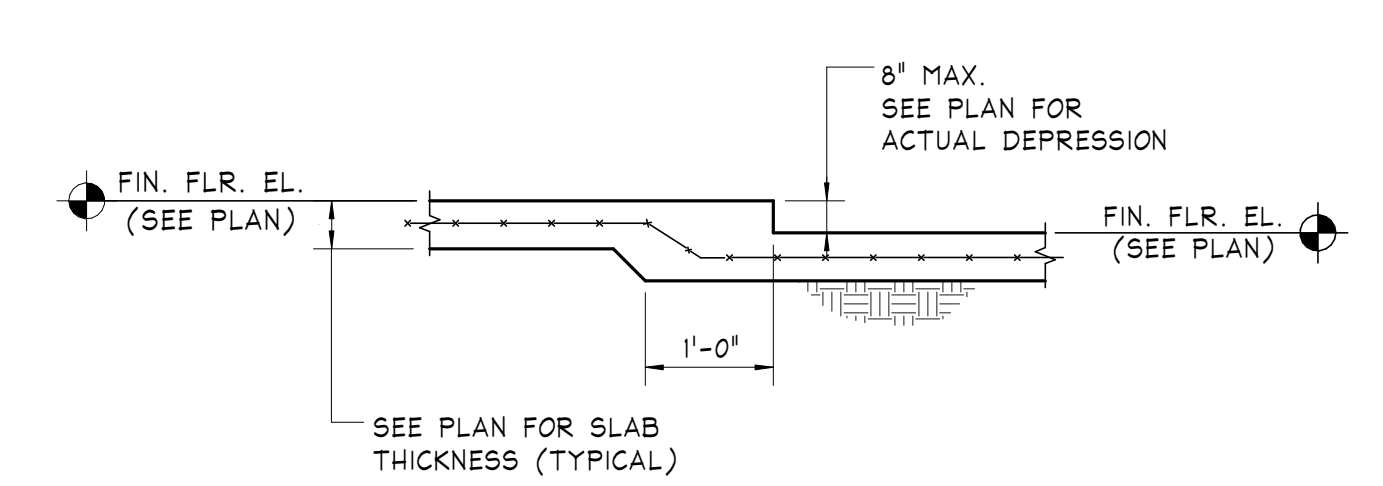
S100

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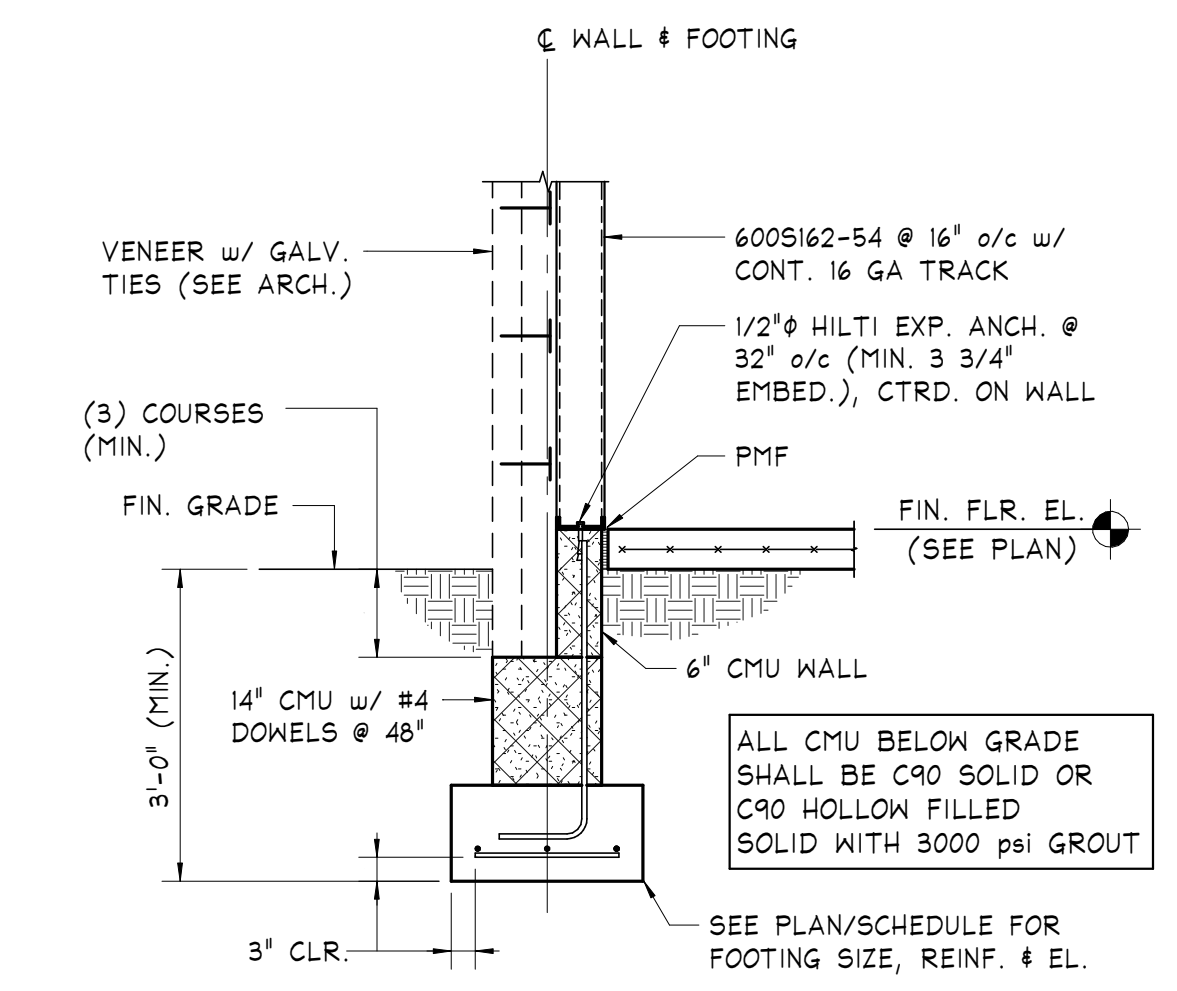
NOTE: CONTROL JOINTS/CONSTRUCTION JOINTS SHALL CREATE PANELS OF 225 SQ. FEET (MAXIMUM), WITH PANEL ASPECT RATIOS NO GREATER THAN 1.5 TO 1.



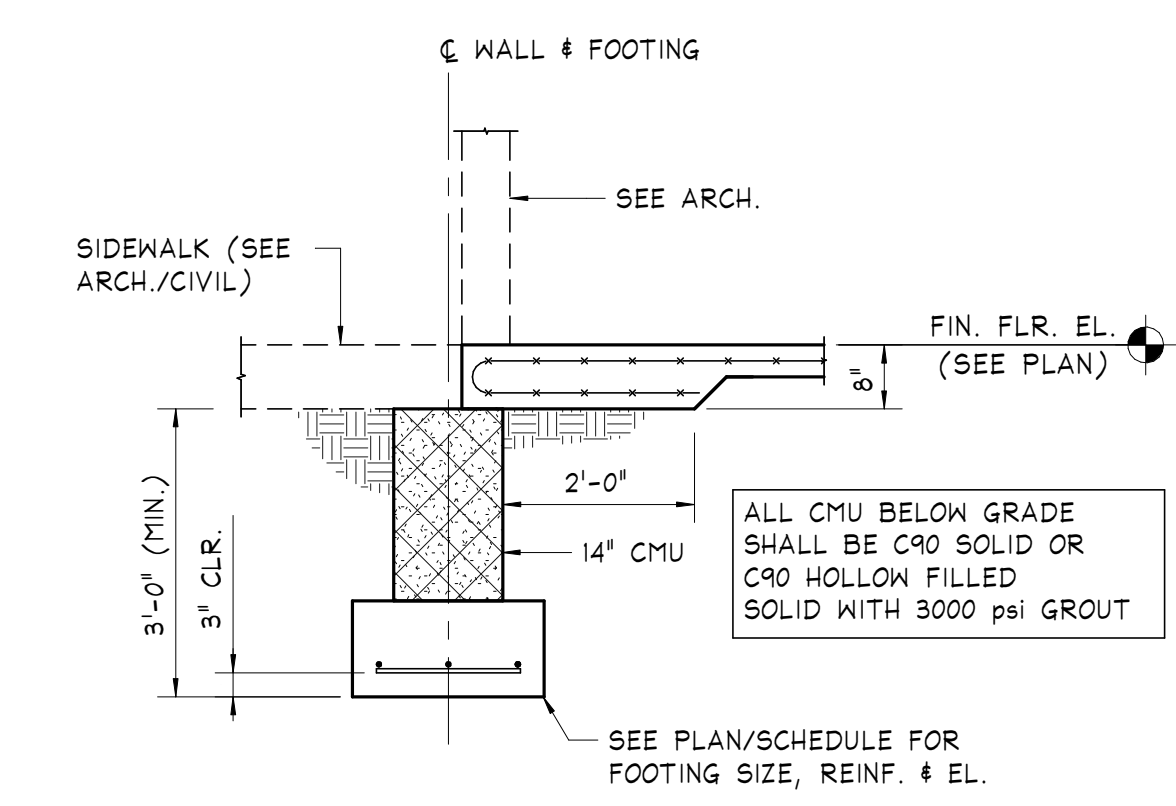
TYPICAL SLAB ON GRADE DETAILS



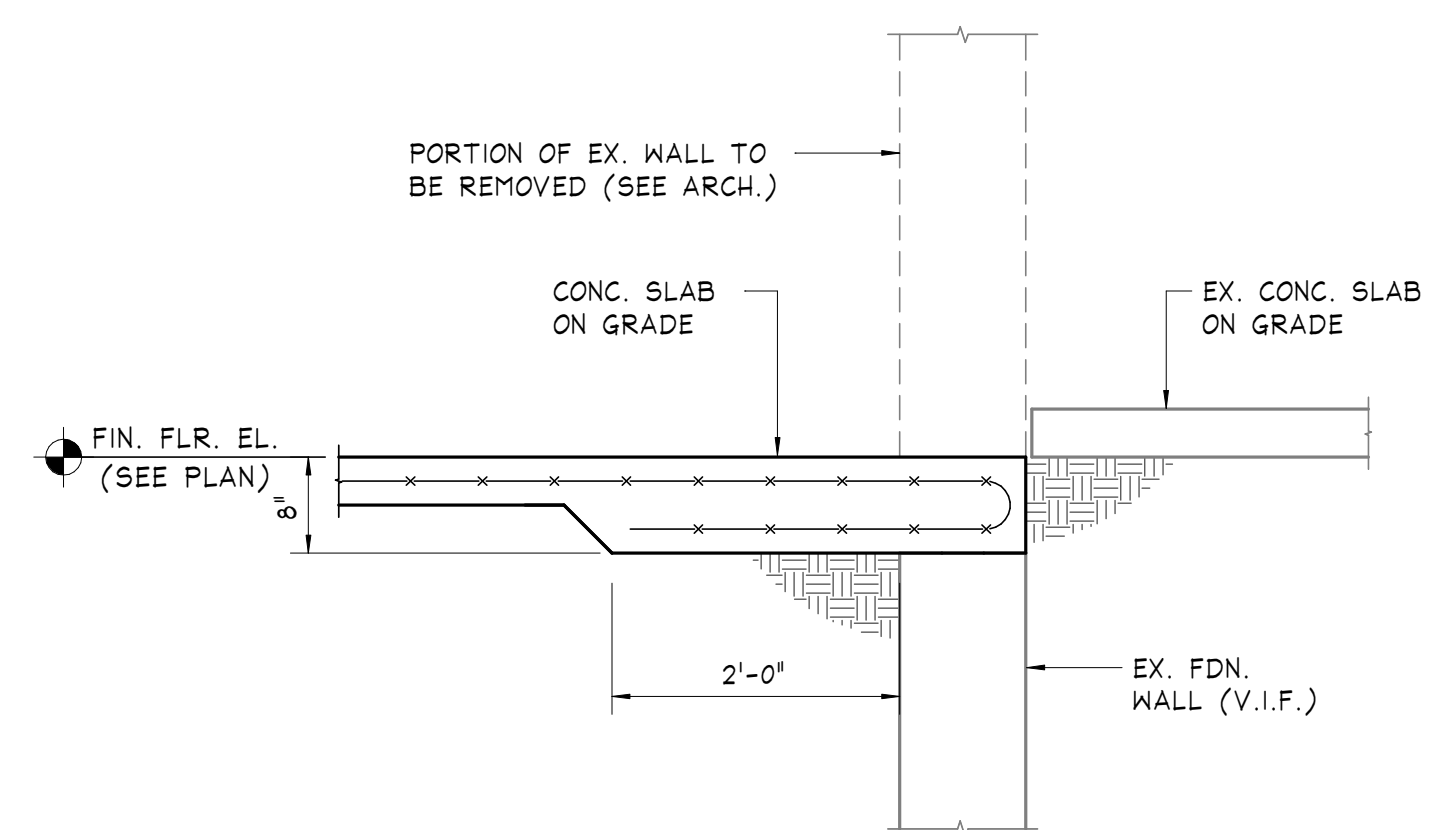
TYPICAL DEPRESSED SLAB DETAIL



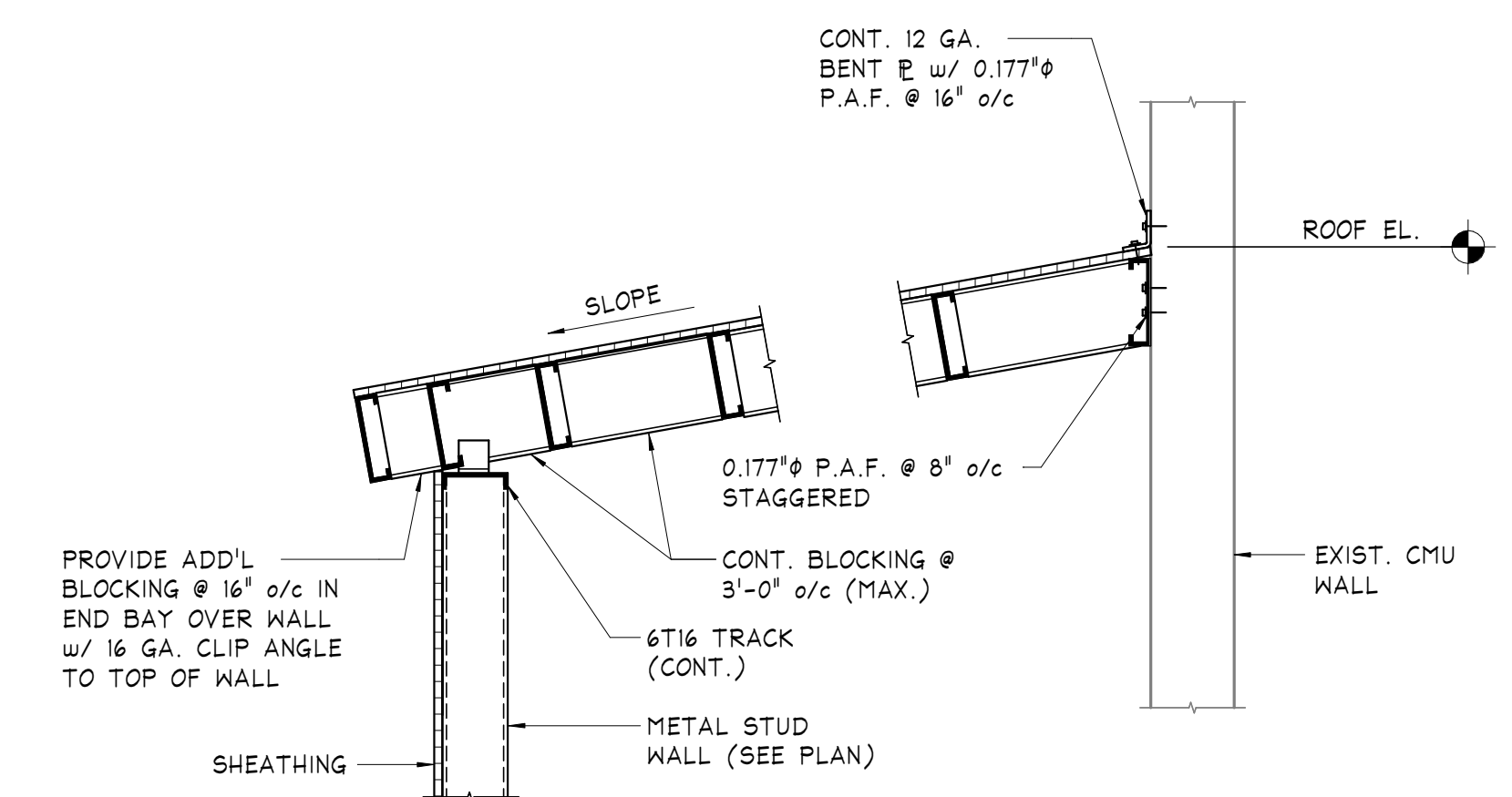
Section 1 S200



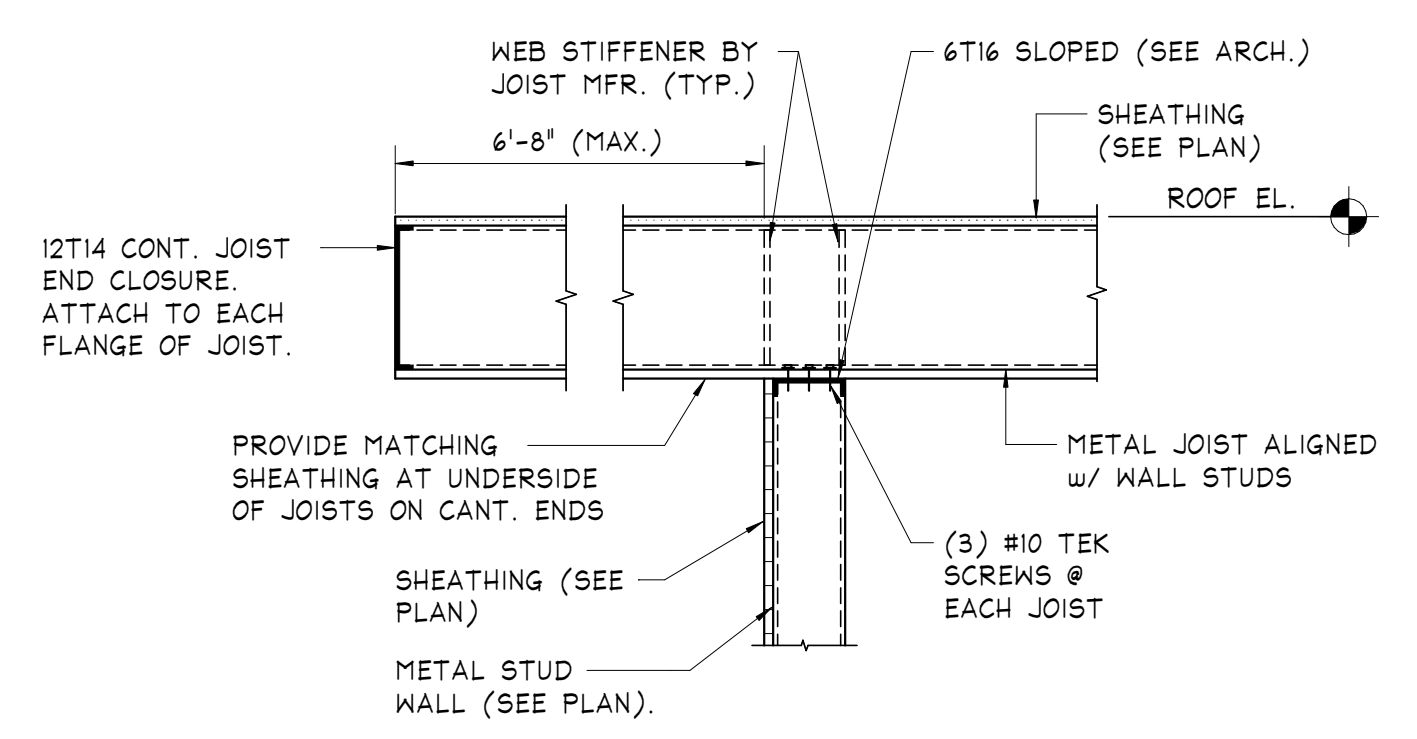
Section 2 S200



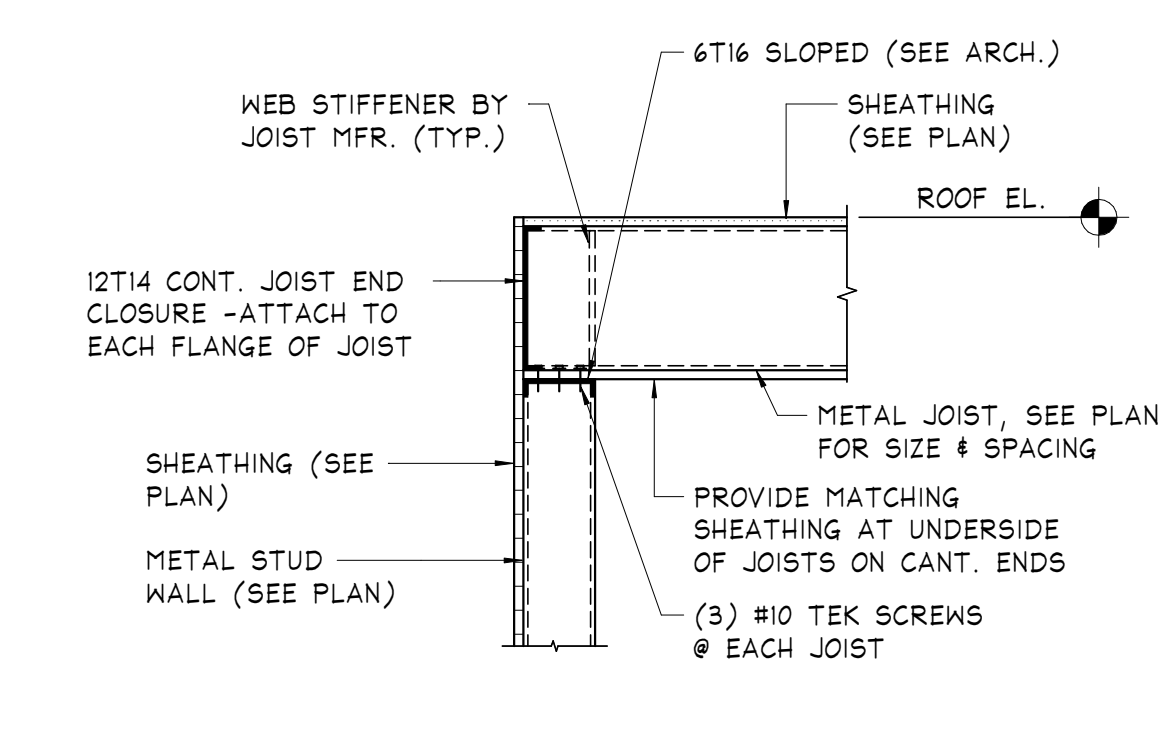
Section 3 S200



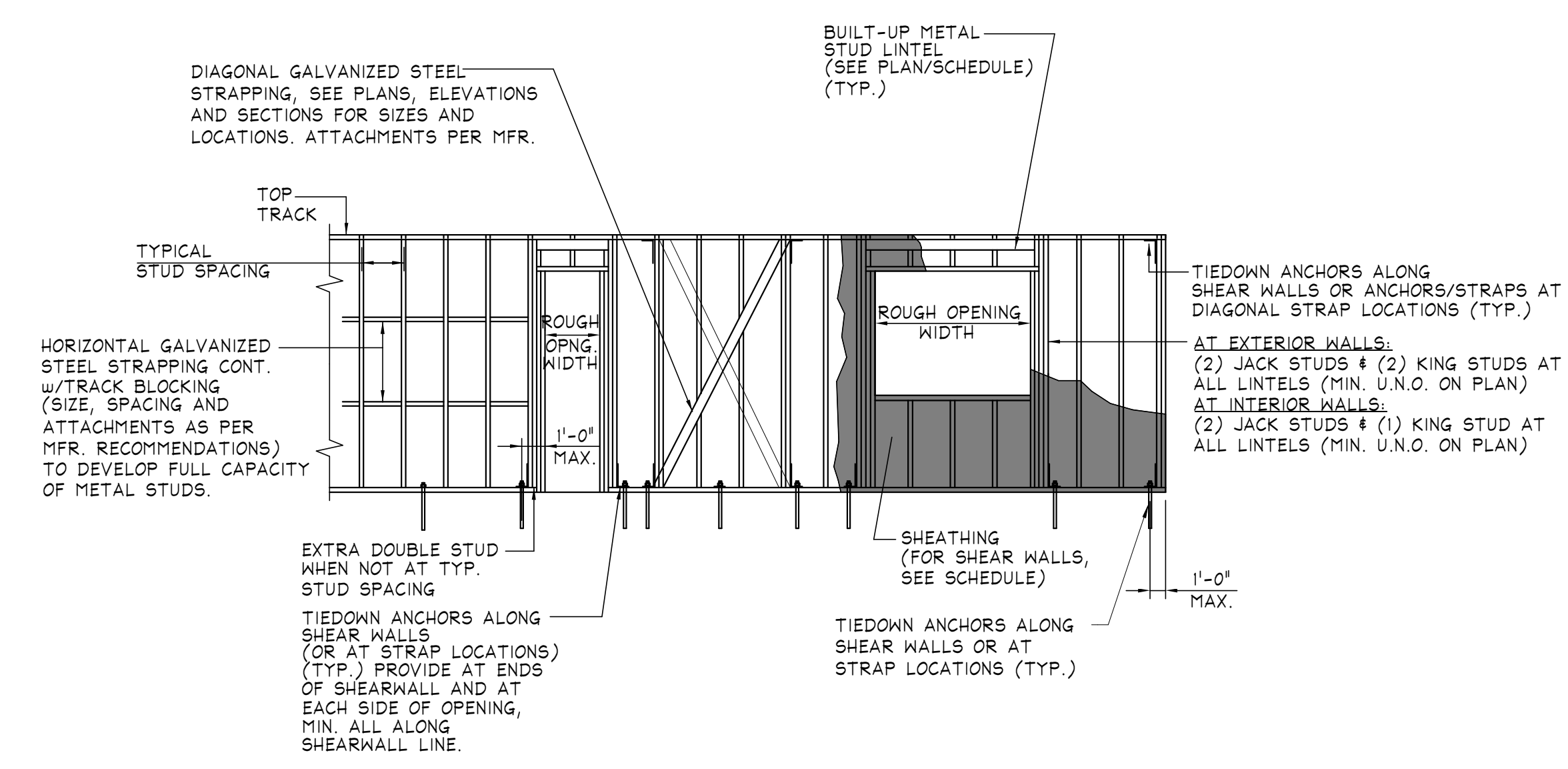
Section 4 S200



Section 5 S200



Section 6 S200



TYPICAL METAL STUD WALL AND/OR LATERAL LOAD RESISTING WALL ELEVATION

- NOTES:
- 1) FOR SHEARWALL SHEATHING SCREW REQUIREMENTS, SEE SCHEDULE.
 - 2) SEE SECTIONS FOR MORE INFORMATION ON TIEDOWN CONNECTIONS/ANCHORS.

Architect:



Consultants:



Seal:

Project:

ROWAN UNIVERSITY
ROWAN EPA - LAUNDRY ROOMS

400 EDGEWOOD DRIVE,
GLASSBORO, NJ 08028

Issue Date: 12/19/2024

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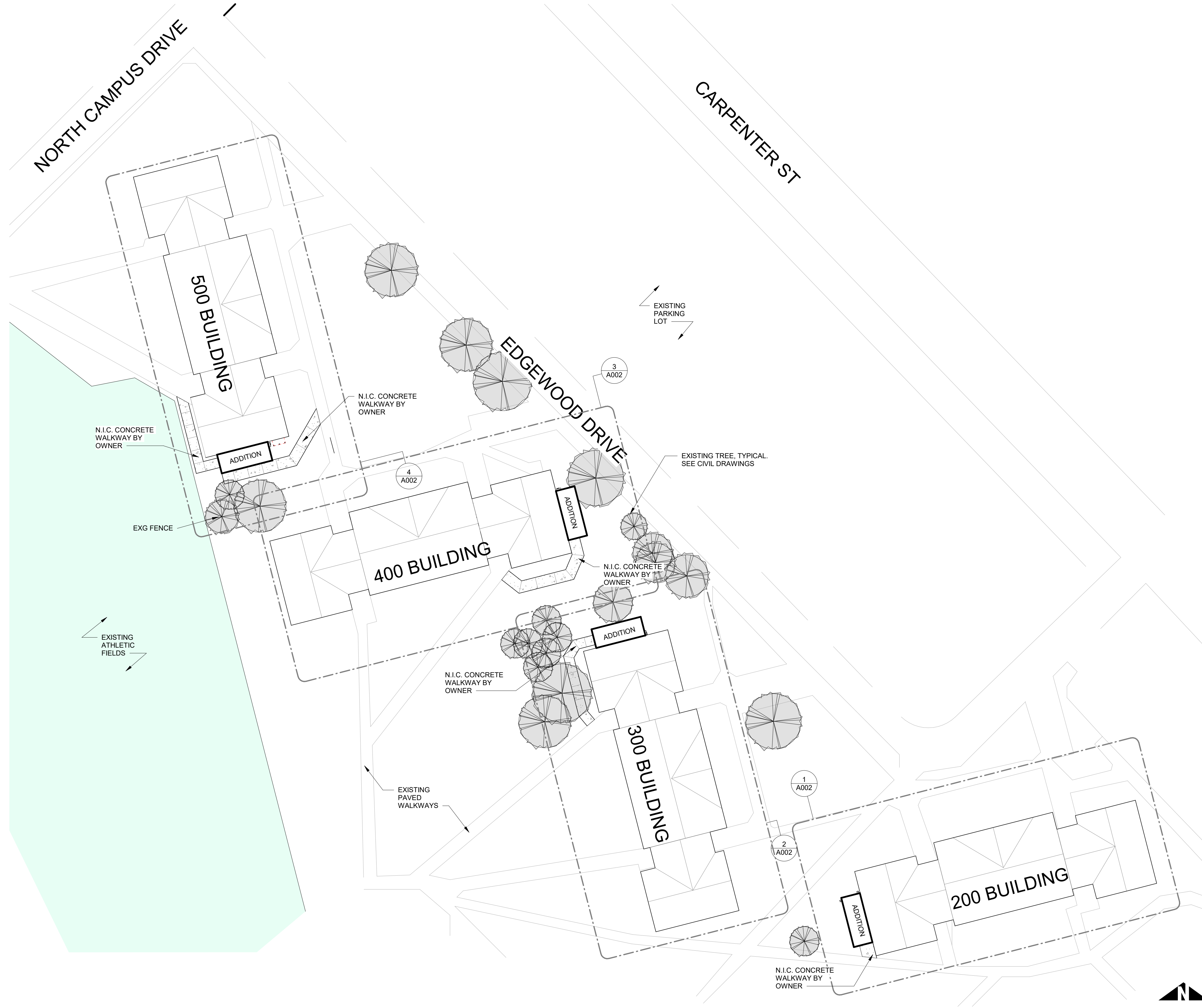
Sheet Title and No.
SECTIONS & TYPICAL DETAILS

S200

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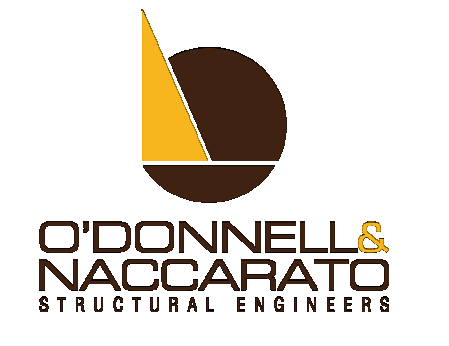


1 ARCHITECTURAL SITE PLAN
A001 1/32" = 1'-0"

Architect:



Consultants:



Seal:

Project:

ROWAN UNIVERSITY
ROWAN EPA -
LAUNDRY ROOMS

400 EDGEWOOD DRIVE,
GLASSBORO, NJ 08028

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Sheet Title and No.
SITE PLAN -
OVERALL
COMPLEX

A001

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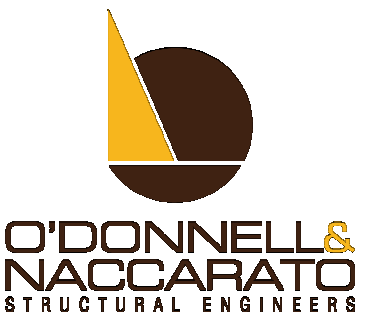
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Architect:



4818 Baltimore Avenue
Philadelphia, PA 19143
215.386.8191
www.ozcollaborative.com

Consultants:



Seal:

Project:

**ROWAN
UNIVERSITY**

**ROWAN EPA -
LAUNDRY ROOMS**

400 EDGEWOOD DRIVE,
GLASSBORO, NJ 08028

Issue Date: 12/19/2024

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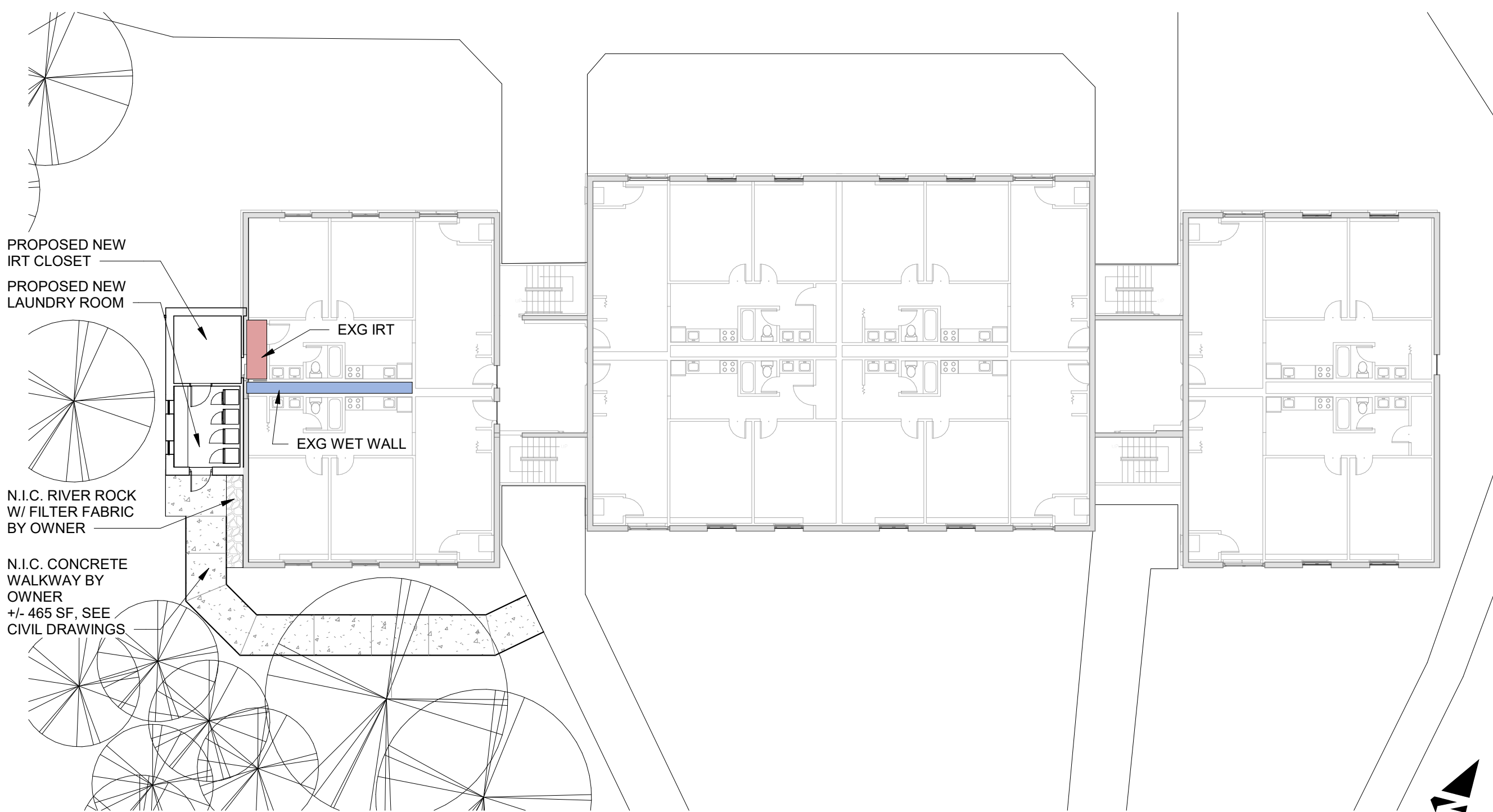
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Sheet Title and No.
**SITE PLAN -
ENLARGED
BUILDINGS 200,
300, 400, & 500**

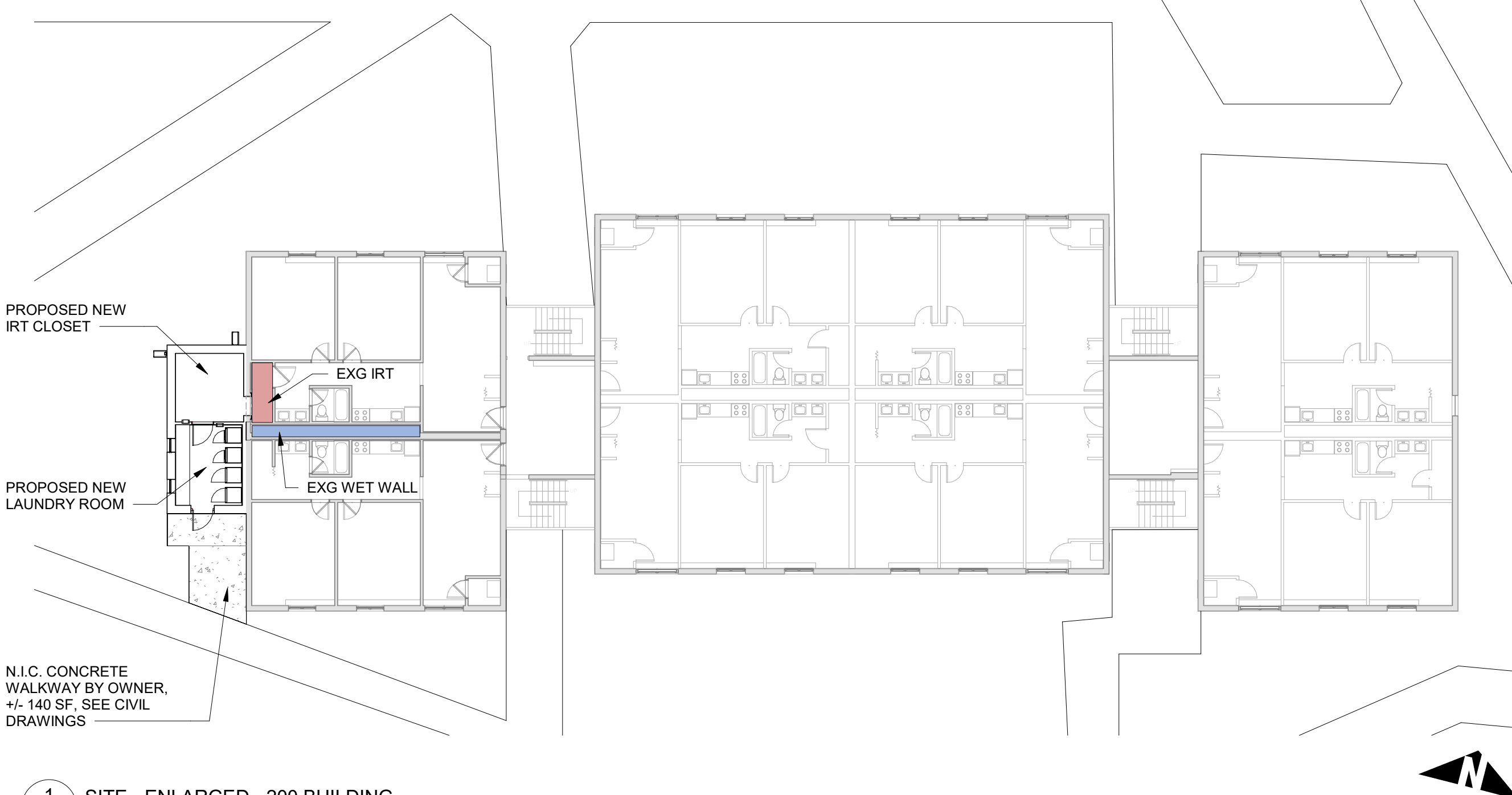
A002

Project No.: 23280
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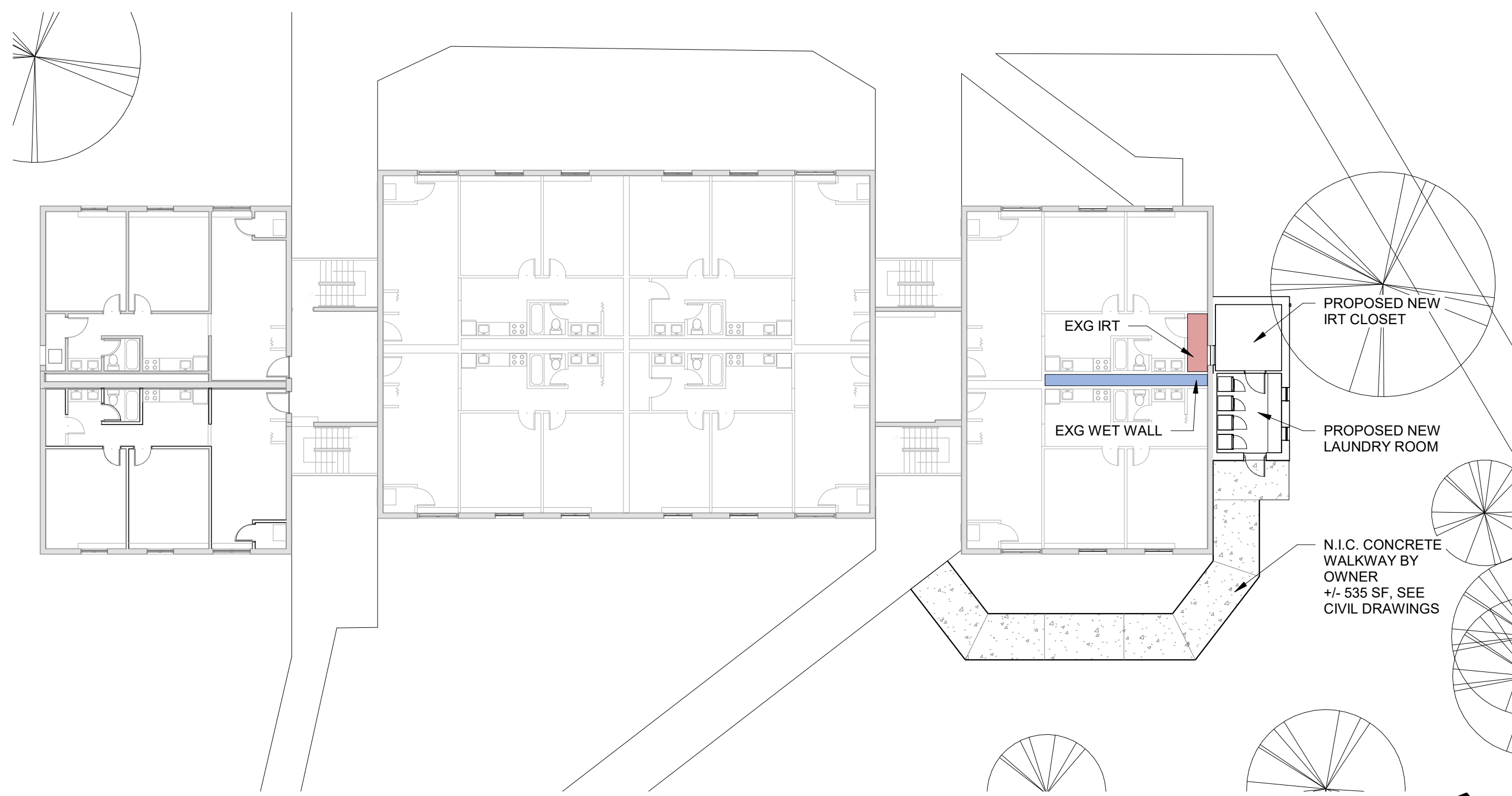
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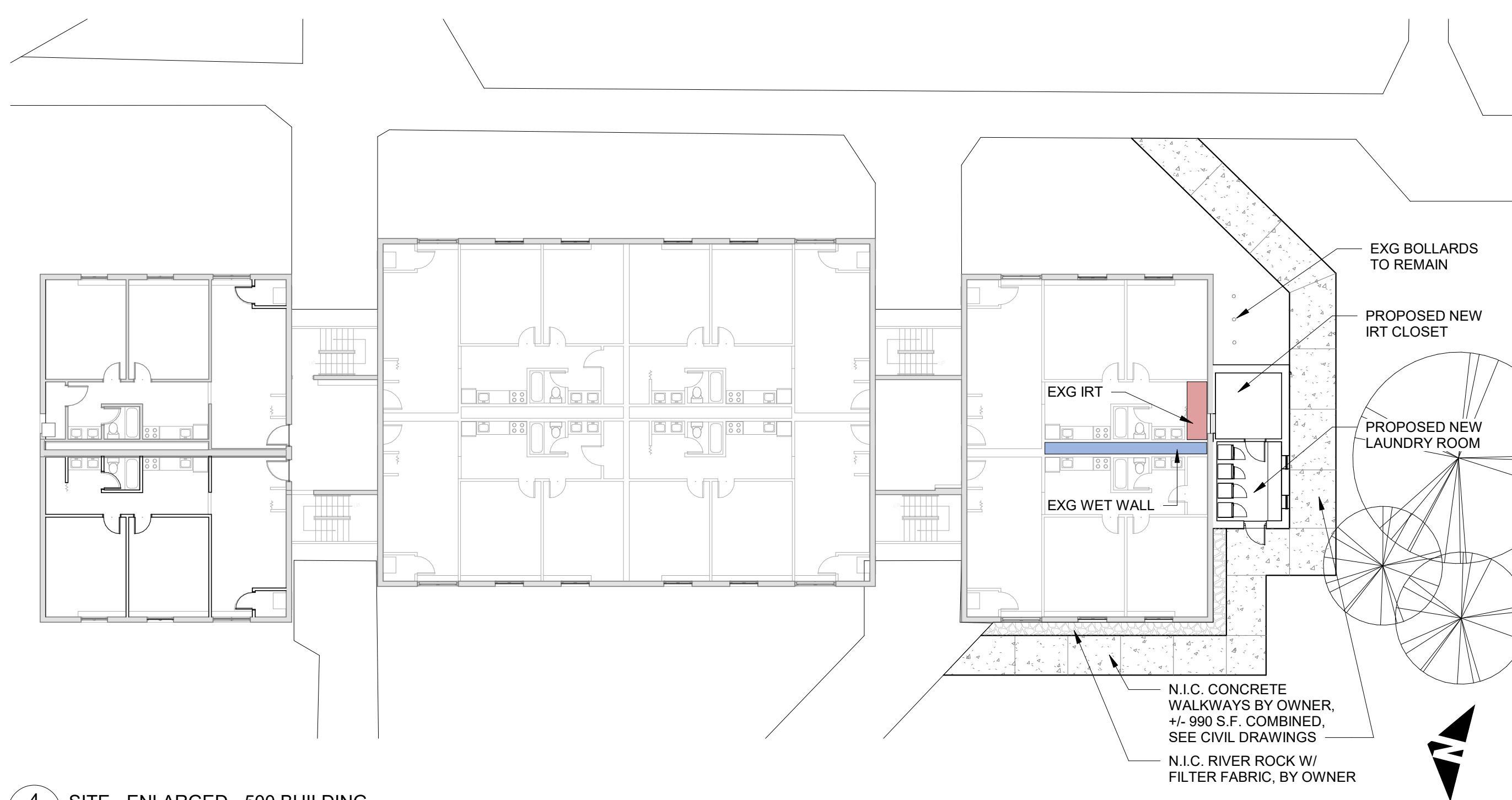
2 SITE - ENLARGED - 300 BUILDING
A002 1/16" = 1'-0"



1 SITE - ENLARGED - 200 BUILDING
A002 1/16" = 1'-0"



3 SITE - ENLARGED - 400 BUILDING
A002 1/16" = 1'-0"



4 SITE - ENLARGED - 500 BUILDING
A002 1/16" = 1'-0"

Architect:

O:Z
 collaborative
 4818 Baltimore Avenue
 Philadelphia, PA 19143
 215.386.8191
 www.ozcollaborative.com

Consultants:

O'DONNELL & NACCARATO
 STRUCTURAL ENGINEERS

BCCLT
 CONSULTING ENGINEERS

Seal:

Project:

**ROWAN UNIVERSITY
 ROWAN EPA -
 LAUNDRY ROOMS**

400 EDGEWOOD DRIVE,
 GLASSBORO, NJ 08028

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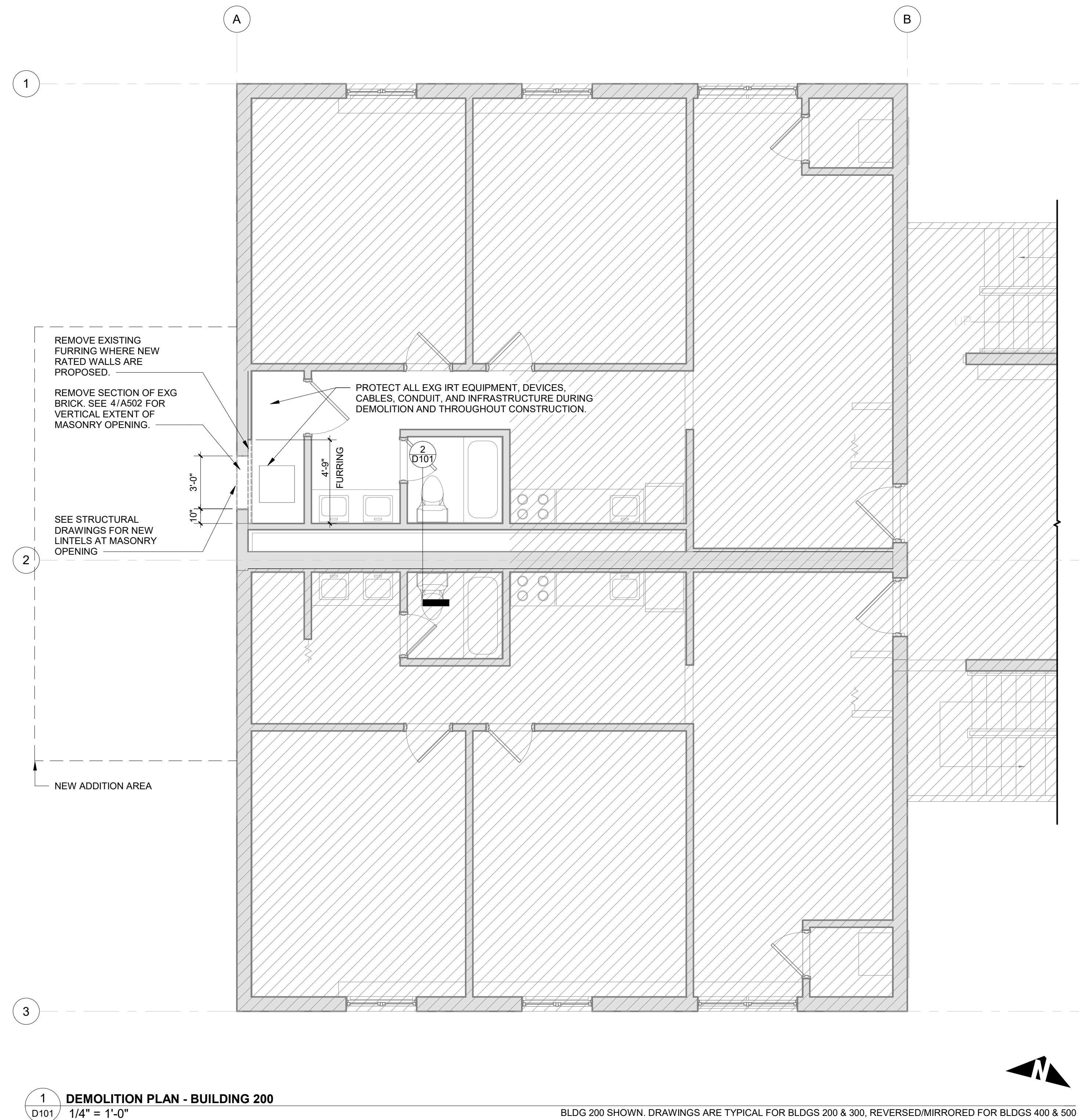
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Sheet Title and No.
DEMOLITION PLAN & DETAILS

D101

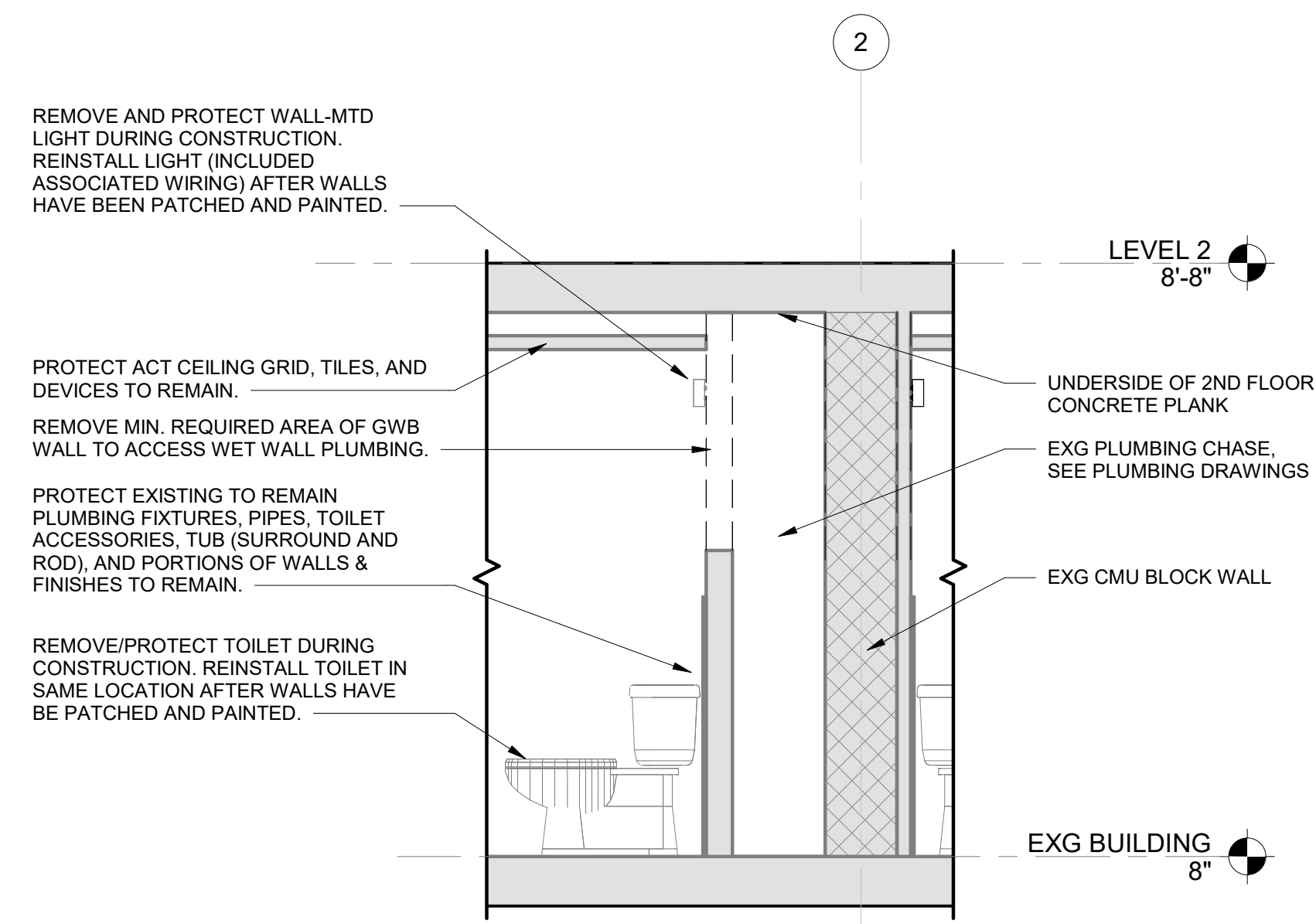
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1 DEMOLITION PLAN - BUILDING 200
 D101 1/4" = 1'-0"

BLDG 200 SHOWN. DRAWINGS ARE TYPICAL FOR BLDGS 200 & 300, REVERSED/MIRRORED FOR BLDGS 400 & 500



2 DETAIL SECTION - WET WALL DEMO
 D101 1/2" = 1'-0"

GENERAL NOTES - DEMOLITION

- PROTECT EXISTING TO REMAIN FLOOR, WALL, AND CEILING SURFACES AS WELL AS ALL I.T. EQUIPMENT, CABLING, CONDUIT, RACEWAYS, AND INFRASTRUCTURE DURING DEMOLITION AND THROUGHOUT CONSTRUCTION.
- ALL DEMOLITION WORK INDICATED IS TO INCLUDE PATCHING & REPAIRING ALL SURFACES AFFECTED BY DEMOLITION.
- DEMO = REMOVE + DISPOSE-OF. LEGALLY DISPOSE OF ALL DISCARDED MATERIALS AND FURNISHINGS.
- PATCH FLOORS TO MATCH EXISTING ADJACENT SURFACE, FINISH, AND ELEVATION AS REQUIRED. COORDINATE WITH FLOOR AND FINISH PLANS.
- IN THE EVENT THE INSTALLING CONTRACTOR ENCOUNTERS ANY HAZARDOUS MATERIALS, THE CONTRACTOR SHALL REPORT TO THE ARCHITECT AND TAKE THE NECESSARY STEPS FOR REMEDIATION. THE GC IS RESPONSIBLE FOR HIRING AN ASBESTOS ABATEMENT CONTRACTOR WHO SHALL FURNISH ALL LABOR, MATERIALS, EMPLOYEE TRAINING, SERVICES, PERMITS, FEES, INSURANCE AND EQUIPMENT NECESSARY TO CARRY OUT THE ASBESTOS REMOVAL, DECONTAMINATION OPERATIONS AND DISPOSAL IN ACCORDANCE WITH EPA, OSHA, AND ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL GOVERNMENT REGULATIONS.
- SEE FINISH PLANS AND ELEVATIONS FOR ADDITIONAL INFORMATION REGARDING FINISH / WALL / TRIM ARRANGEMENT.
- COORDINATE DEMOLITION WORK WITH ARCHITECTURAL PLANS FOR AREAS RECEIVING NEW WORK.
- PRIOR TO CREATING FLOOR/ROOF PENETRATIONS, COORDINATE DEMO WITH REBAR AND STRUCTURE ABOVE AND BELOW. SEE STRUCTURAL AND MPE DRAWINGS FOR DETAILED REQUIREMENTS.
- DIMENSIONS PROVIDED FOR NEW OPENINGS IN THE DEMO PLANS ARE NOMINAL AND NEED TO BE CONFIRMED BY GC. GC TO COORDINATE NEW OPENING DIMENSIONS IN EXISTING WALLS WITH FLOOR PLANS AND NEW DOOR AND FRAME SIZES INDICATED ON DOOR SCHEDULE.
- FOR DEMOLITION AND WORK TO BE DONE INSIDE THE ADJACENT DWELLING UNITS, PROTECT EXISTING TO REMAIN DEVICES, FIXTURES, AND FINISHES FROM DAMAGE, DUST, AND DEBRIS. ANY DEVICES, FIXTURES, AND/OR FINISHES TO BE REMOVED TEMPORARILY DURING CONSTRUCTION ARE TO BE REINSTALLED AND/OR PATCHED TO MATCH EXISTING CONDITIONS.

Architect:

O:Z
collaborative
4818 Baltimore Avenue
Philadelphia, PA 19143
215.386.8191
www.ozcollaborative.com

Consultants:

O'DONNELL & NACCAPATO
STRUCTURAL ENGINEERS

BCCLT
CONSULTING ENGINEERS

Seal:

Project:

**ROWAN UNIVERSITY
ROWAN EPA -
LAUNDRY ROOMS**

400 EDGEWOOD DRIVE,
GLASSBORO, NJ 08028

Issue Date: 12/19/2024

Revision Schedule

No.	Date	Drawn By	Description

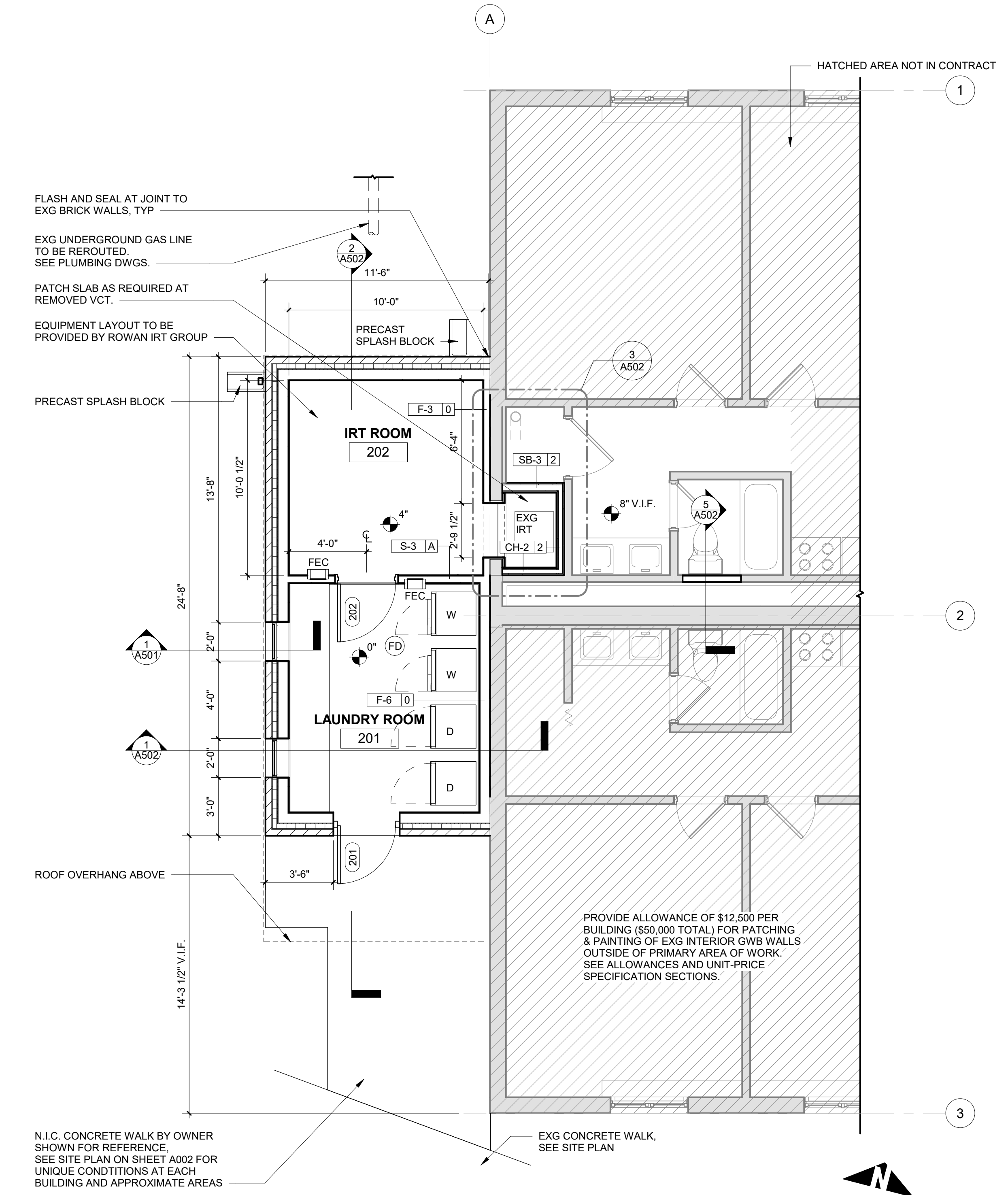
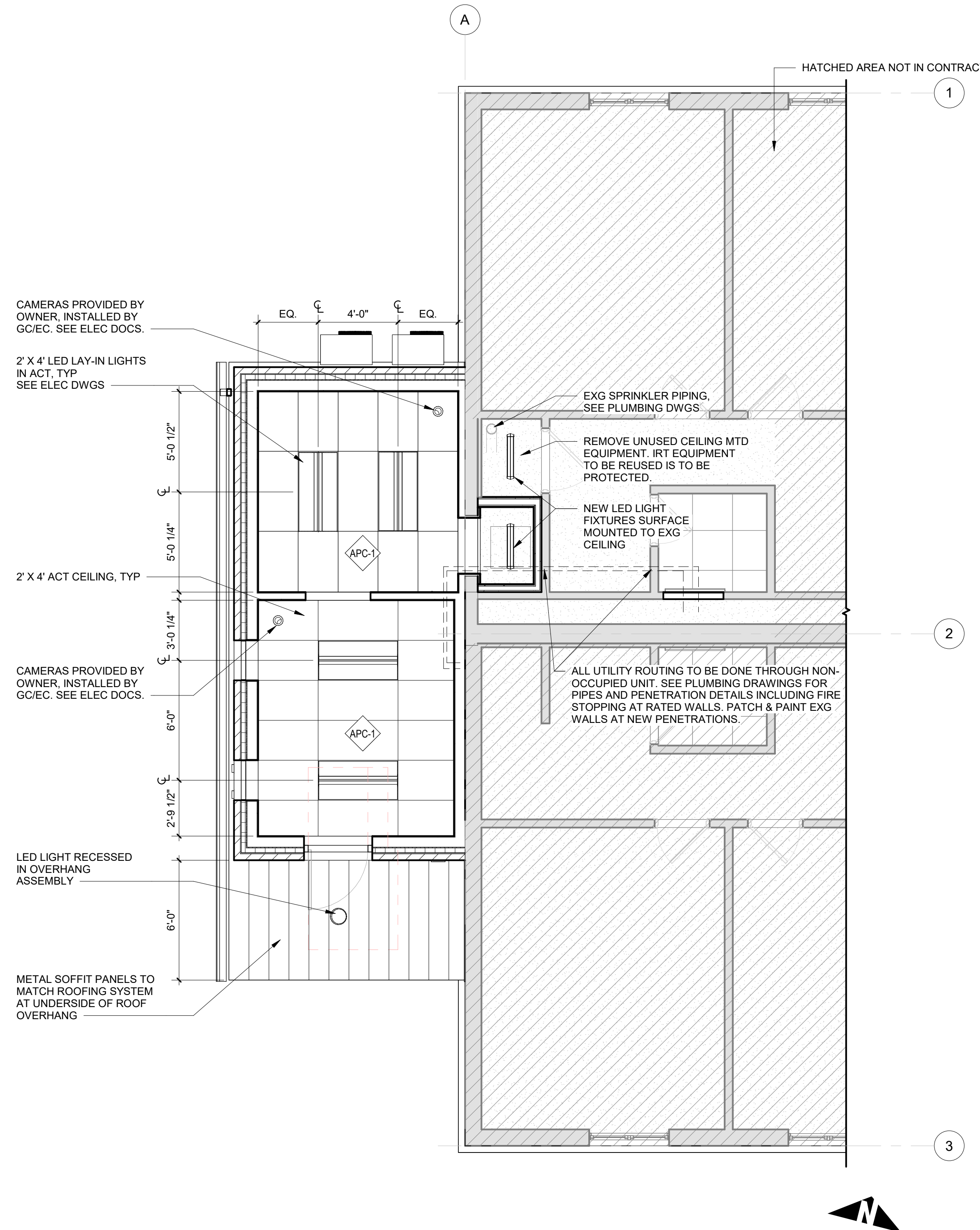
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Sheet Title and No.
**PARTIAL PLANS -
FLOOR &
REFLECTED
CEILING**

A101

Project No.: 23280
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CEILING PLAN LEGEND

- NEW GWB CEILING
- NEW CEILING GRID AND ACT TILE
- NEW 2'X4' LAY-IN LED LIGHT FIXTURE
- NEW SURFACE MOUNTED LED LIGHT FIXTURE
- NEW MECH. SUPPLY DIFFUSER
- NEW MECH. RETURN GRILL
- NEW SPRINKLER HEAD
- EXIT SIGN

CEILING PLAN GENERAL NOTES

- EXISTING CEILING FINISHES NOTED ON DEMOLITION CEILING PLANS ARE TO BE DEMOLISHED UNLESS NOTED OTHERWISE. SEE NEW WORK REFLECTED CEILING PLANS FOR NEW FINISHES AND EXISTING AREAS TO BE PATCHED.
- ALL SURFACE CONDUIT, RACEWAYS, AND PIPES ROUTING TO/FROM THE AREA OF WORK THROUGH ADJACENT DWELLING UNITS ARE TO BE PAINTED TO MATCH CEILING FINISHES OUTSIDE OF THE AREA OF WORK.
- SEE MEP DRAWINGS FOR FIXTURES AND SEE FIRE PROTECTION DRAWINGS FOR FIRE SUPPRESSION SCOPE.

FLOOR PLAN GENERAL NOTES

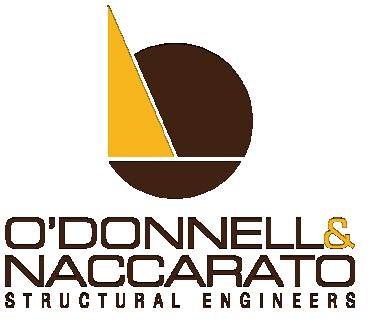
- ALL EXISTING ITEMS AND SURFACES TO REMAIN ARE TO BE PROTECTED DURING CONSTRUCTION.
- MPE EQUIPMENT SHOWN ON ARCH DRAWINGS FOR LAYOUT PURPOSES ONLY. GC TO COORDINATE WITH MPE PLANS, MC AND EC TO PROVIDE ROUGH-IN AND FINAL CONNECTIONS AS-NOTED. NOT IN CONTRACT (NIC) FURNITURE SHOWN FOR LAYOUT PURPOSES ONLY.
- WHERE DEMOLISHED WALLS ARE INDICATED, GC TO PATCH AND REPAIR DEMOLISHED WALL ENDS AND INTERSECTING WALL SURFACES AS REQUIRED TO ATTAIN CONSISTENT AND LEVEL FINISH SURFACE. TYP.
- GC TO INSTALL NEW FLOORING & BUILD UP TO EXISTING FLOOR FINISH AS REQUIRED TO MATCH ELEVATION. GC TO PROVIDE SMOOTH TRANSITION (WITH APPROPRIATE ACCESSORIES) WHERE NEW FLOORS MEET EXISTING FLOOR FINISH. GC TO PATCH / PROVIDE NEW SUBSTRATE PER MANUFACTURER'S RECOMMENDATIONS / GUIDELINES TO CREATE A SMOOTH AND LEVEL SURFACE IN AREAS TO RECEIVE NEW FLOORS.
- GC TO PROVIDE JOINT SEALANTS FOR JOINTS BETWEEN EQUIPMENT, PARTITIONS, FLOORING, ETC. AS REQUIRED
- GC TO SEE DOOR SCHEDULE FOR ADDITIONAL WORK TO BE PERFORMED ON DOORS, FRAMES DOOR FINISH, AND/OR DOOR HARDWARE.
- ALL PENETRATIONS THROUGH FIRE-RATED WALL AND FLOOR ASSEMBLIES, BOTH NEW AND EXISTING, SHALL BE FIRE STOPPED / RATED. ALL TRADES TO PROVIDE FIRESTOPPING TO MAINTAIN FIRE RATING. SEE CODE AND FLOOR PLANS.
- NO NOTE ON DRAWINGS SHALL DIMINISH THE REQUIREMENTS OF THE GENERAL CONDITIONS.
- WHERE ASBESTOS CONTAINING MATERIAL IS TO BE REMOVED OR DISTURBED, GC IS RESPONSIBLE FOR HIRING AN ASBESTOS ABATEMENT CONTRACTOR WHO SHALL FURNISH ALL LABOR, MATERIALS, EMPLOYEE TRAINING, SERVICES, PERMITS, FEES, INSURANCE AND EQUIPMENT NECESSARY TO CARRY OUT THE ASBESTOS REMOVAL, DECONTAMINATION OPERATIONS AND DISPOSAL IN ACCORDANCE WITH EPA, OSHA, AND ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL GOVERNMENT REGULATIONS.
- SEE PROJECT MANUAL FOR ABATEMENT SCOPE. WHERE ASBESTOS PLASTER/MATERIAL AND/OR VAT IS INDICATED TO BE ABATED, GC TO PATCH WALLS, FLOOR AND/OR INSTALL NEW FLOORING AS SCHEDULED.
- CONTRACTOR IS RESPONSIBLE FOR PATCH AND REPAIR OF EXISTING SURFACES OR NEW WORK AS A RESULT OF CONSTRUCTION ACTIVITIES.
- ALL PARTITION AND FURRING WALLS IN HIGH-HUMIDITY/MOISTURE ENVIRONMENTS SUCH AS BATHROOMS, LAUNDRY ROOMS, ETC., TO USE MOLD AND MILDEW RESISTANT GWB.

PRINTED 12/19/2024 - BID SET

Architect:



Consultants:



Seal:

Project:

ROWAN UNIVERSITY

ROWAN EPA - LAUNDRY ROOMS

400 EDGEWOOD DRIVE, GLASSBORO, NJ 08028

Issue Date: 12/19/2024

Revision Schedule

No.	Date	Drawn By	Description

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Sheet Title and No.
BUILDING ELEVATIONS & WALL SECTION

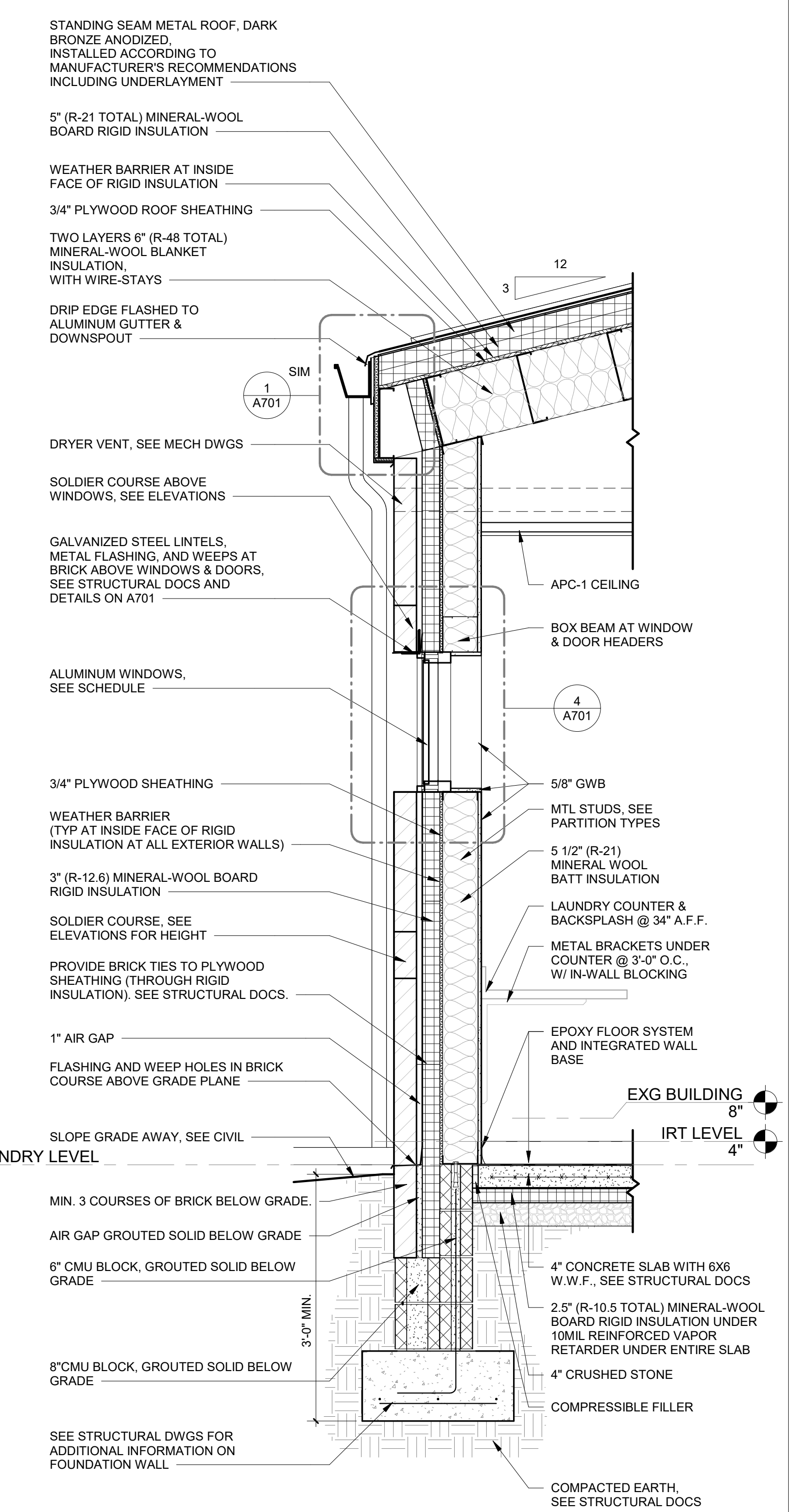
A501

Project No.: 23280
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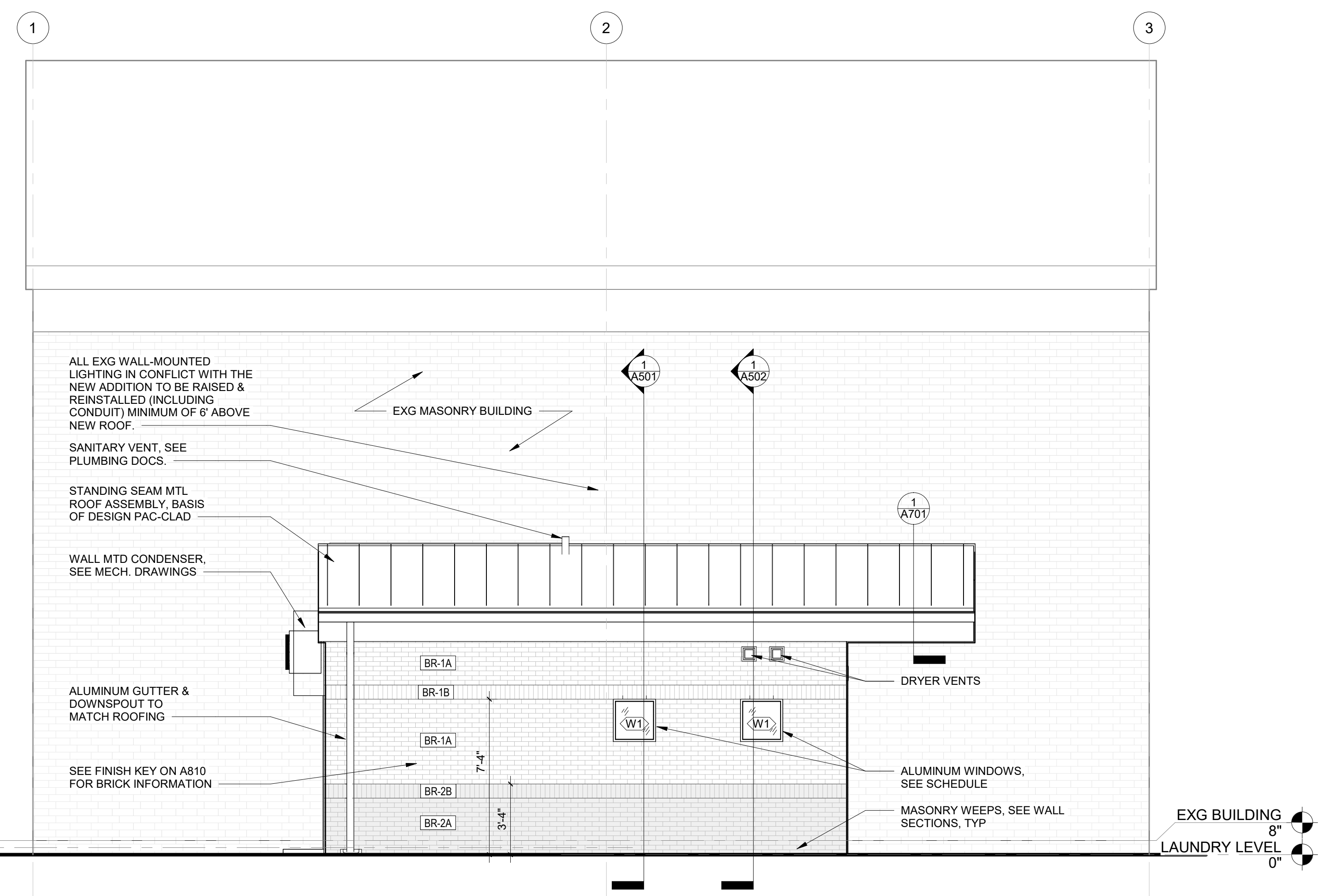


4 BUILDING ELEVATION, SOUTH - 200 BUILDING
A501 1/4" = 1'-0" BLDG 200 SHOWN. DRAWINGS ARE TYPICAL FOR BLDGS 200 & 300, REVERSED/MIRRORED FOR BLDGS 400 & 500

3 BUILDING ELEVATION, NORTH - 200 BUILDING
A501 1/4" = 1'-0" BLDG 200 SHOWN. DRAWINGS ARE TYPICAL FOR BLDGS 200 & 300, REVERSED/MIRRORED FOR BLDGS 400 & 500



1 WALL SECTION - EXTERIOR
A501 3/4" = 1'-0" BLDG 200 SHOWN. DRAWINGS ARE TYPICAL FOR BLDGS 200 & 300, REVERSED/MIRRORED FOR BLDGS 400 & 500



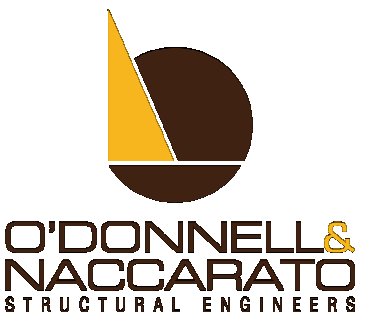
2 BUILDING ELEVATION, WEST - 200 BUILDING
A501 1/4" = 1'-0" BLDG 200 SHOWN. DRAWINGS ARE TYPICAL FOR BLDGS 200 & 300, REVERSED/MIRRORED FOR BLDGS 400 & 500

PRINTED 12/19/2024 - BID SET

Architect:



Consultants:



Seal:

Project:

ROWAN UNIVERSITY
ROWAN EPA - LAUNDRY ROOMS

400 EDGEWOOD DRIVE,
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Issue Date: 12/19/2024

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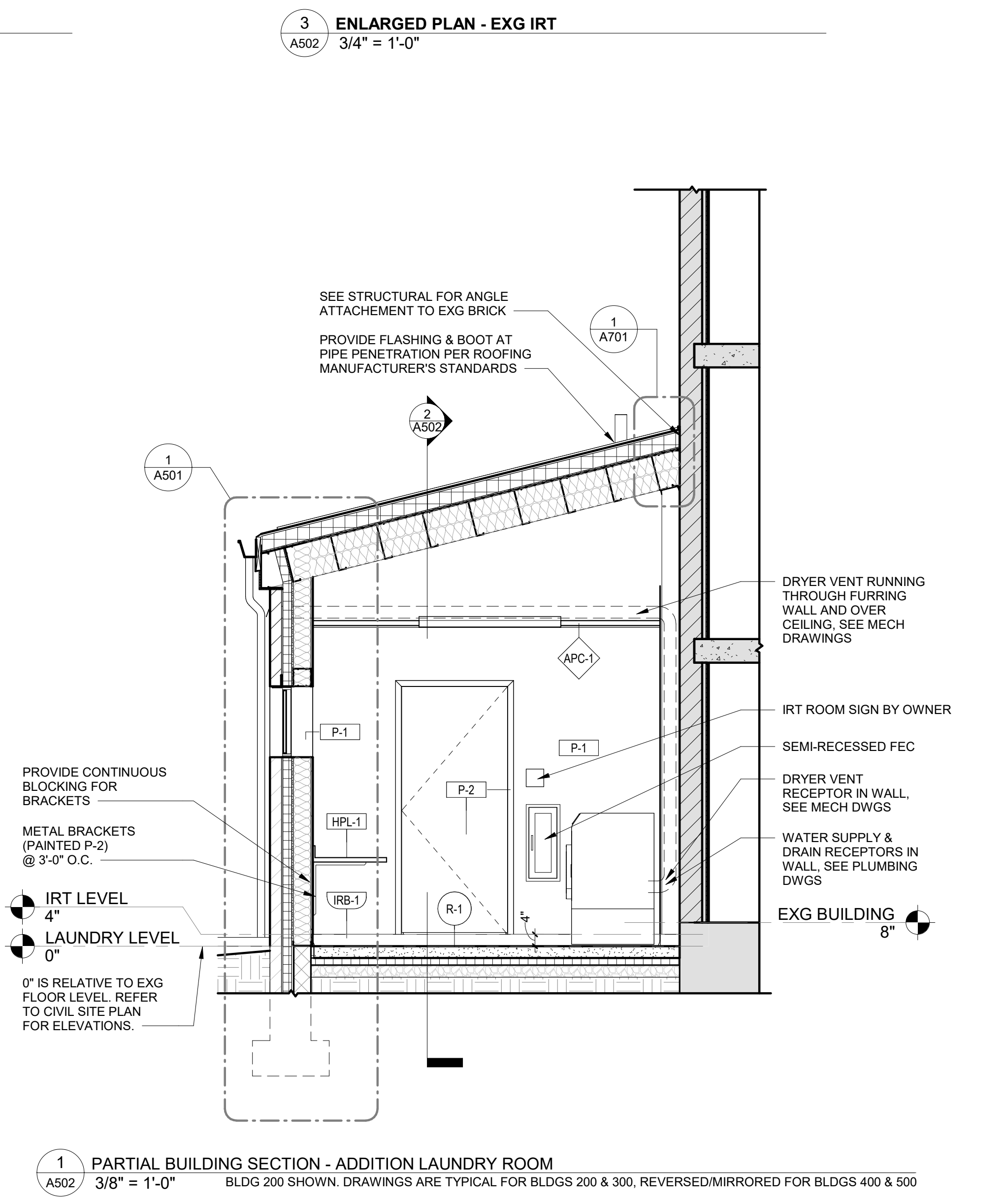
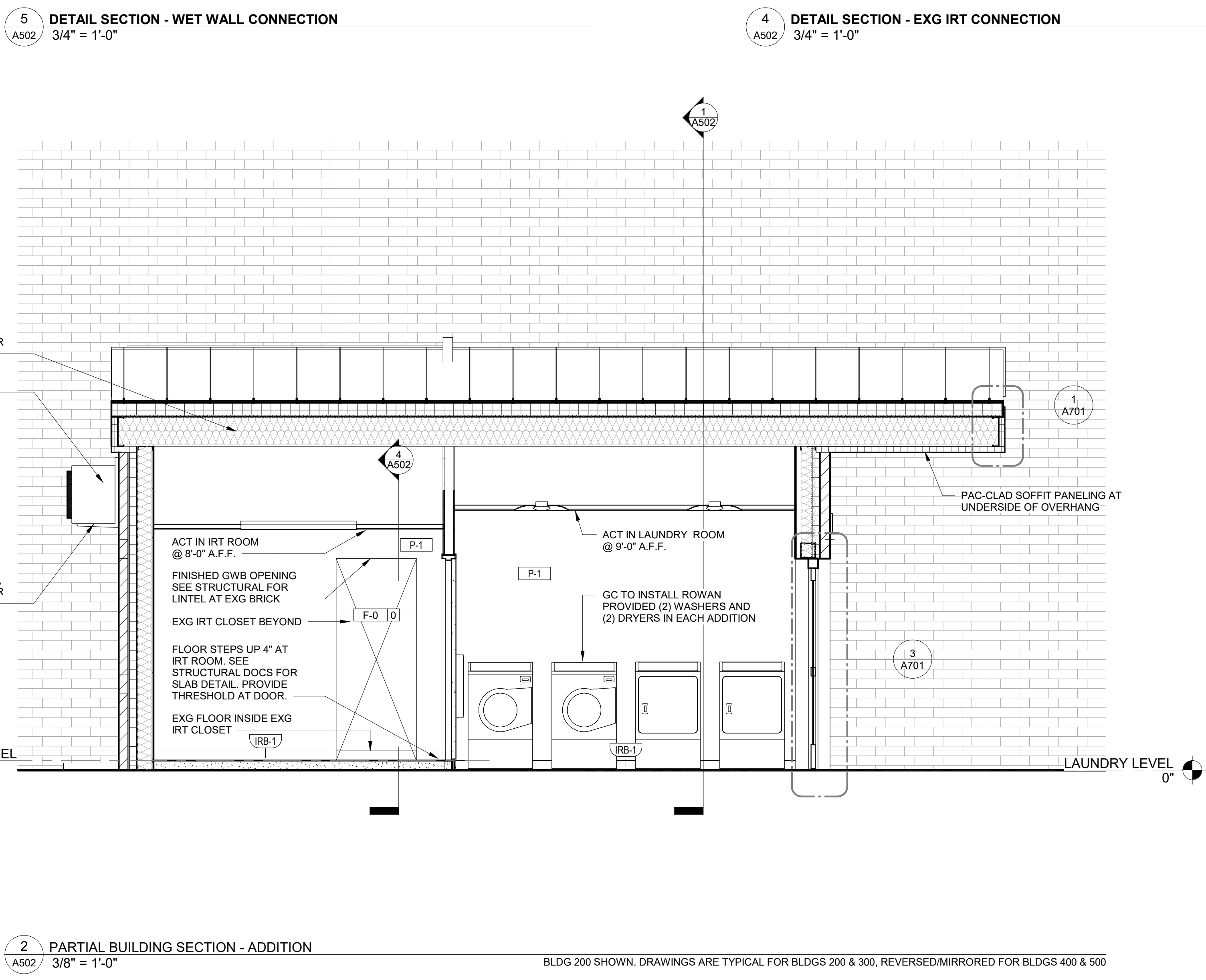
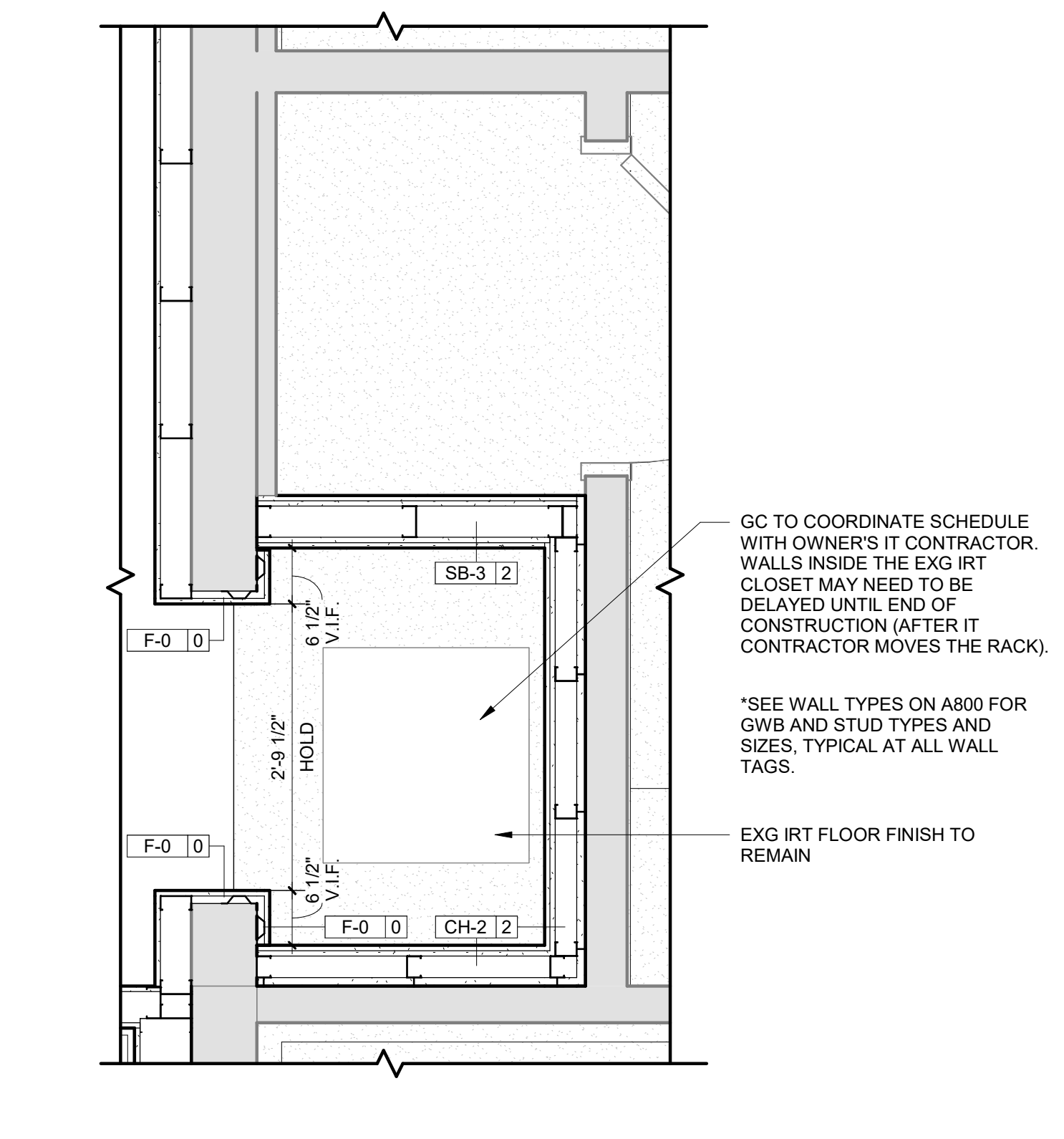
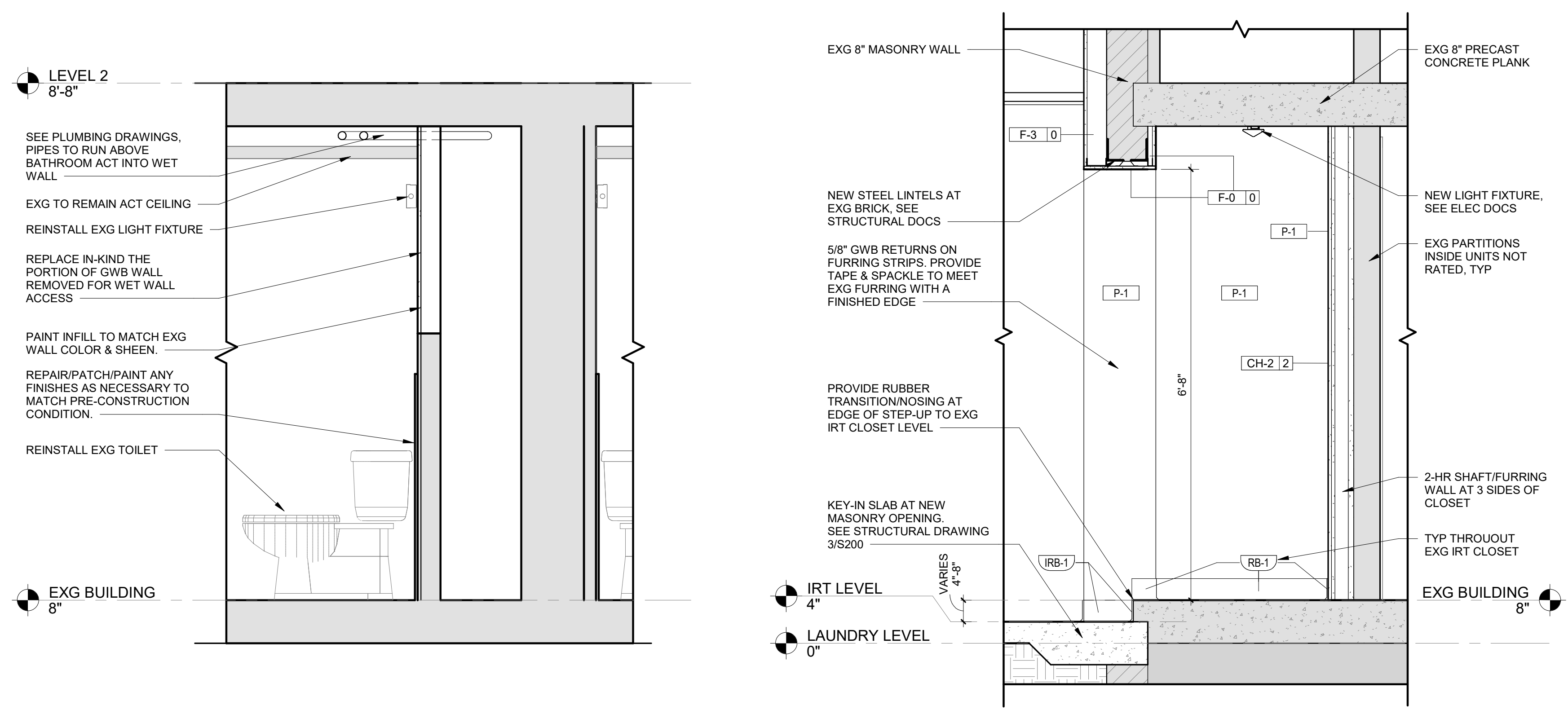
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Sheet Title and No.
BUILDING SECTIONS & INTERIOR ELEVATIONS

A502

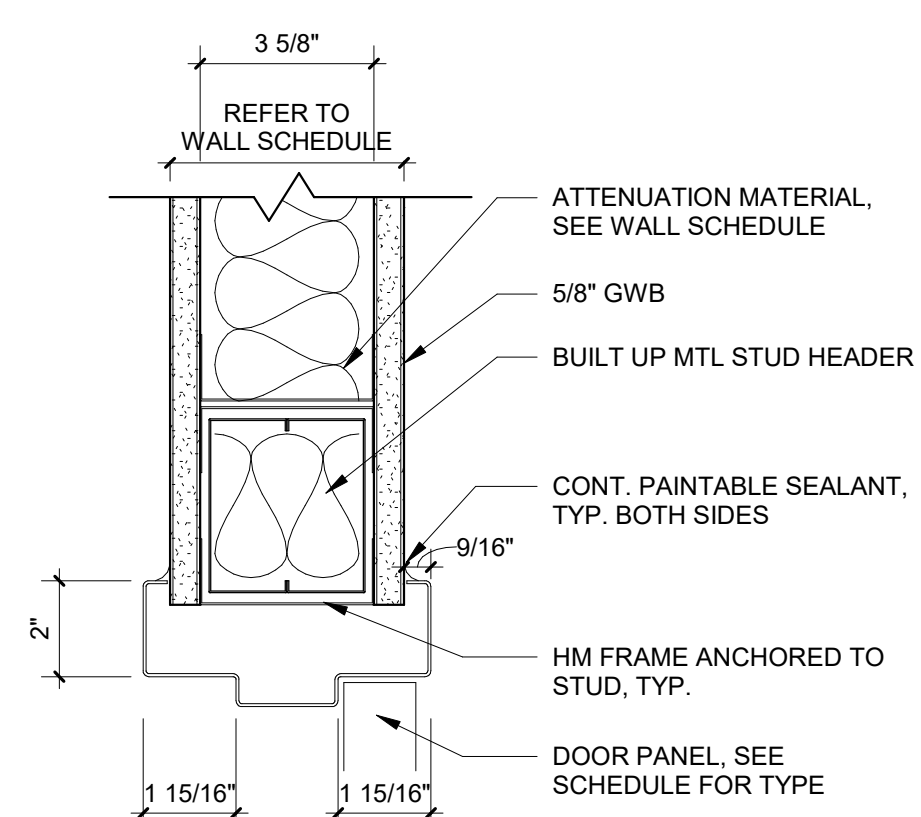
Project No.: 23280
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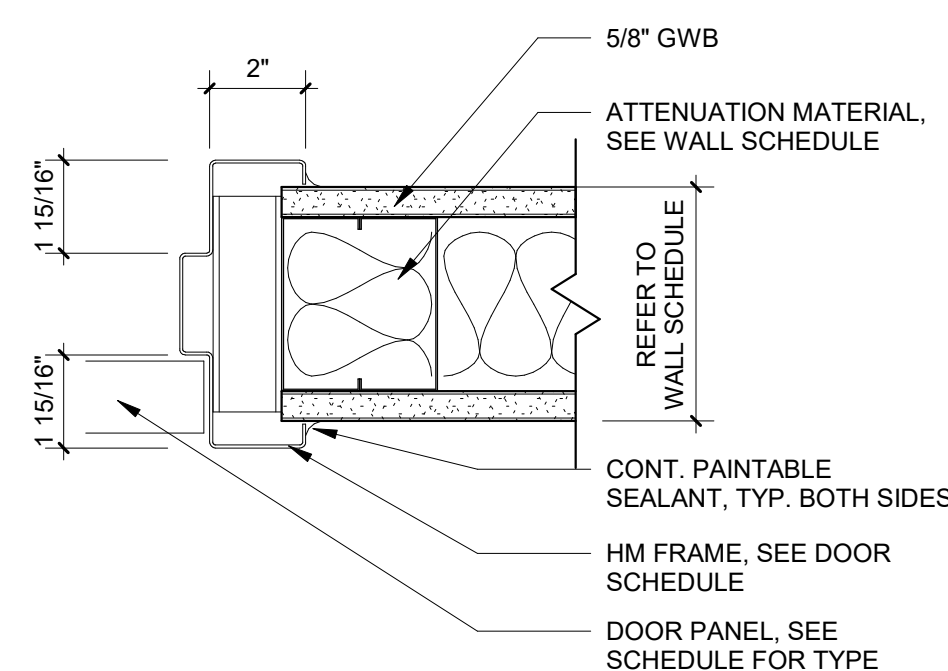
BLDG 200 SHOWN. DRAWINGS ARE TYPICAL FOR BLDGS 200 & 300, REVERSED/MIRRORED FOR BLDGS 400 & 500

BLDG 200 SHOWN. DRAWINGS ARE TYPICAL FOR BLDGS 200 & 300, REVERSED/MIRRORED FOR BLDGS 400 & 500

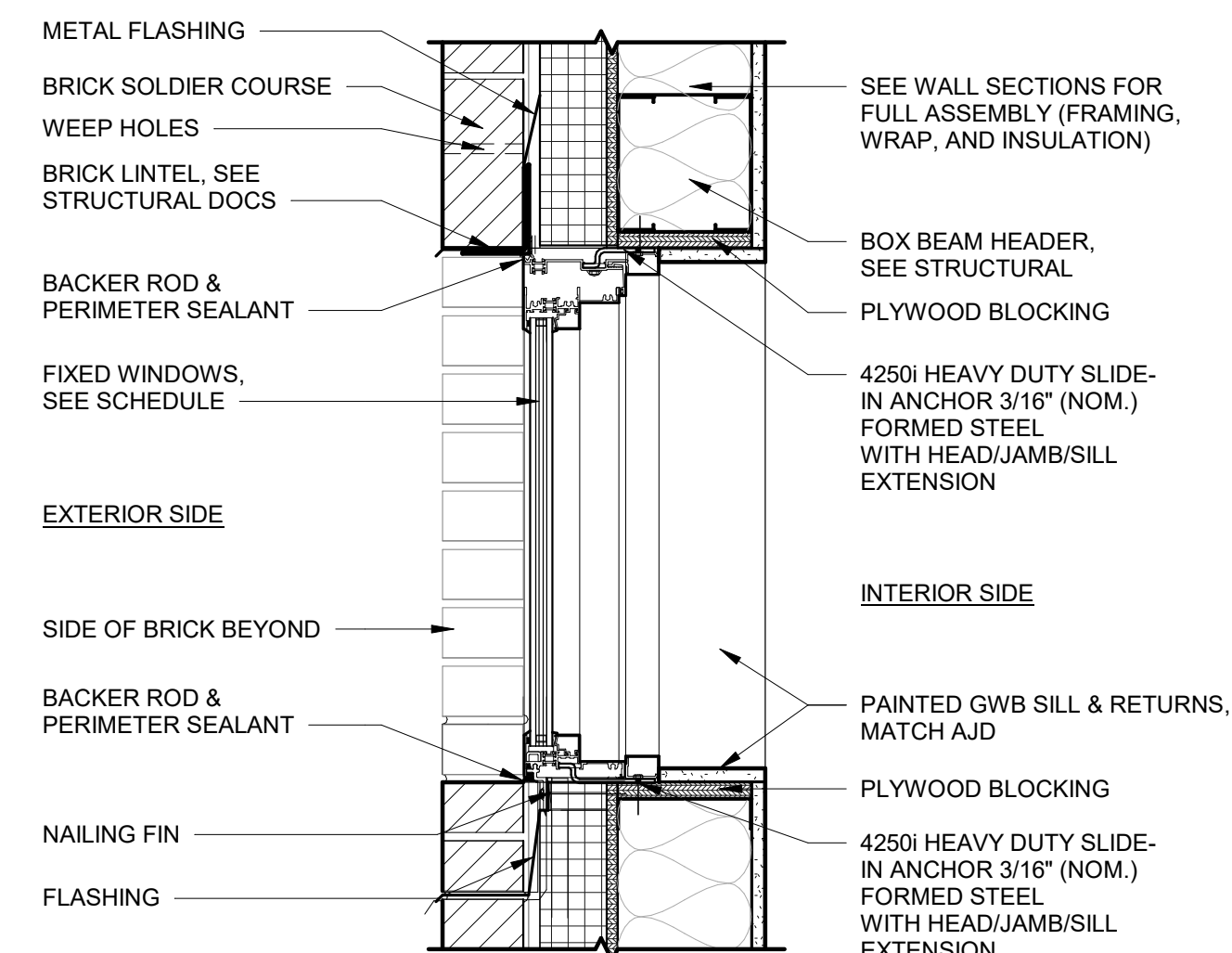
PRINTED 12/19/2024 - BID SET



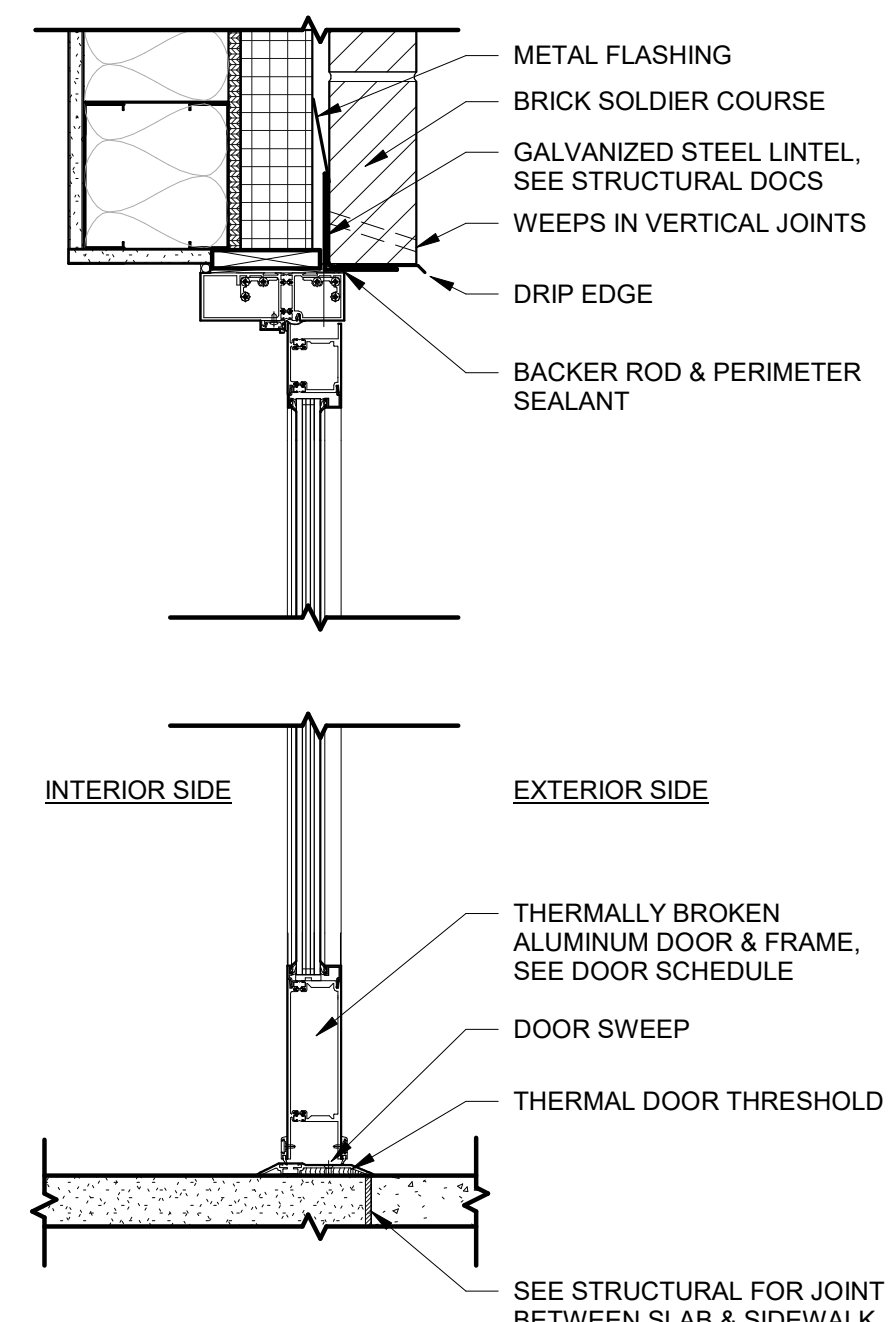
6 TYP HM DOOR HEAD DETAIL
3" = 1'-0"



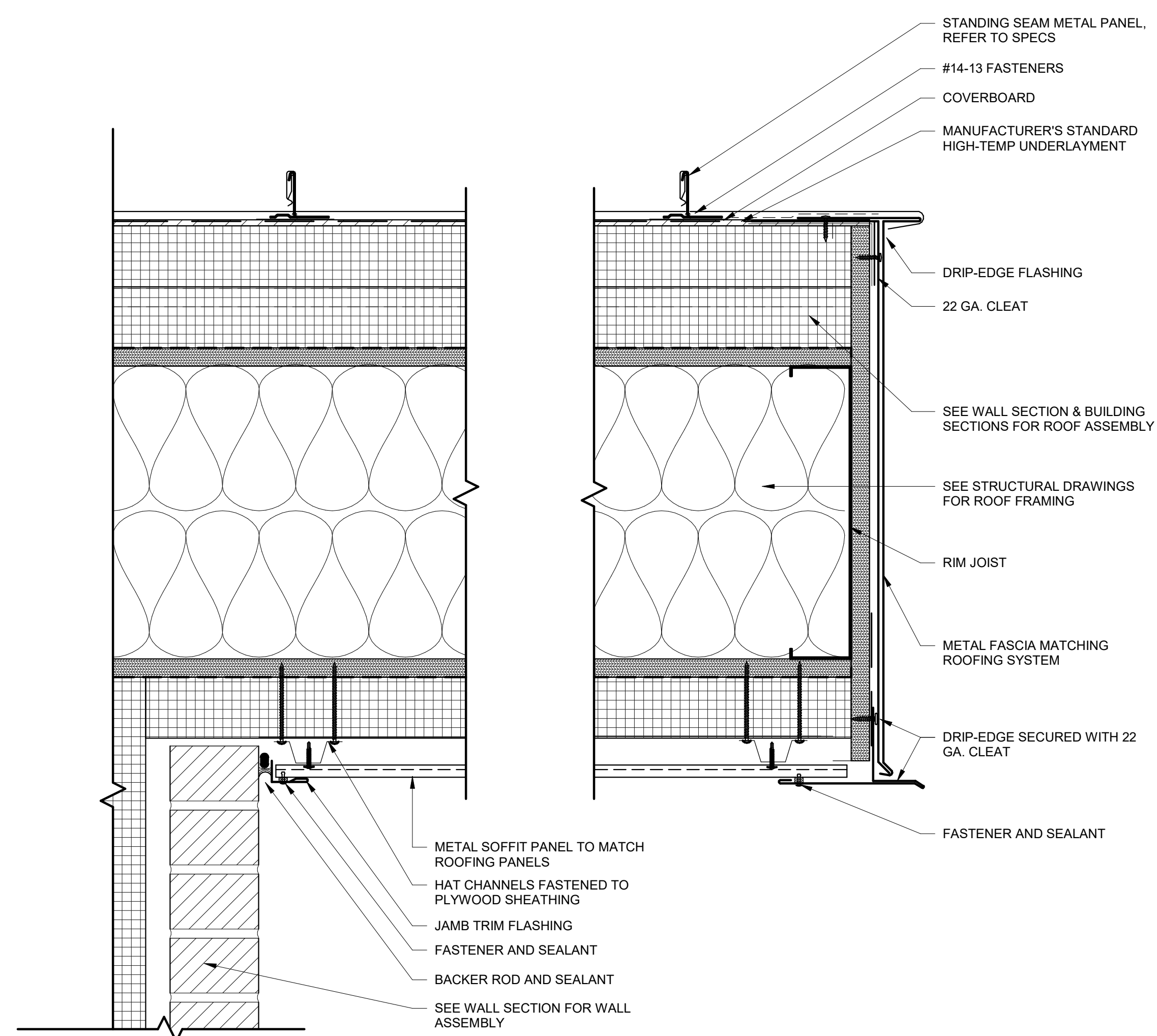
5 TYP HM DOOR JAMB DETAIL
3" = 1'-0"



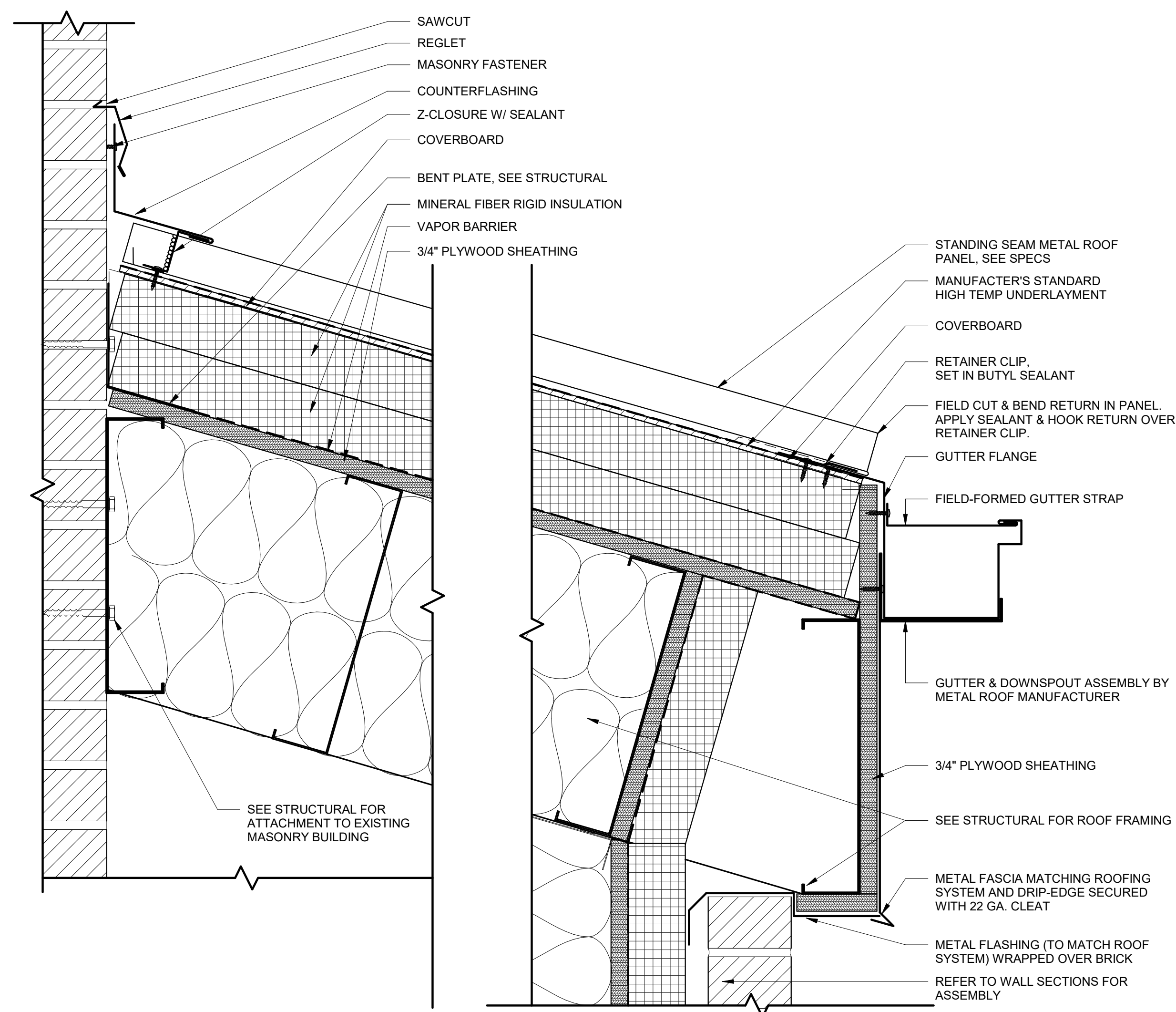
4 DETAIL - WINDOW SECTION
1 1/2" = 1'-0"



3 DETAIL - ENTRY DOOR HEAD & SILL
1 1/2" = 1'-0"



2 DETAIL - METAL SOFFIT
3" = 1'-0"



1 DETAIL - METAL ROOFING
3" = 1'-0"

Architect:



Consultants:



Seal:

Project:

**ROWAN UNIVERSITY
ROWAN EPA -
LAUNDRY ROOMS**

400 EDGEWOOD DRIVE,
GLASSBORO, NJ 08028

Issue Date: 12/19/2024

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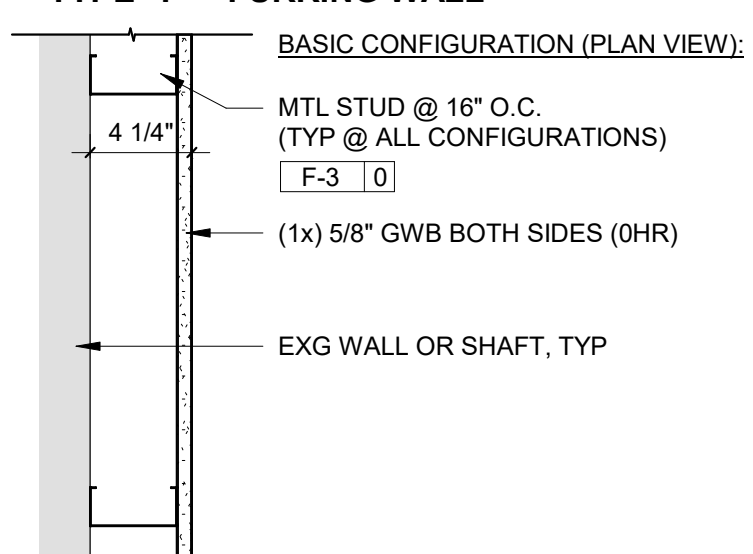
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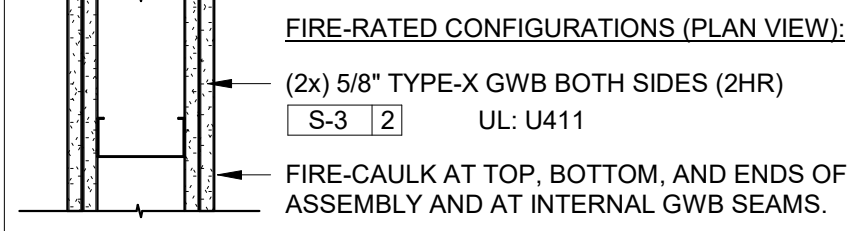
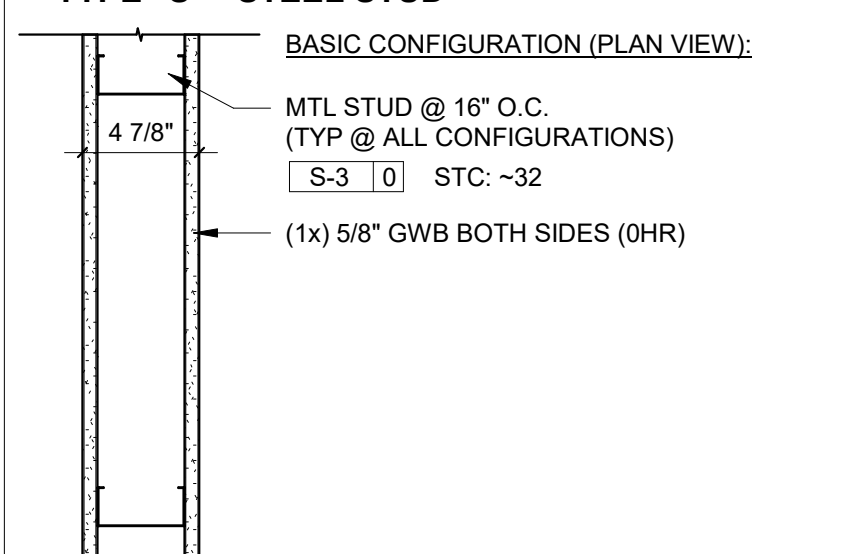
Sheet Title and No.
DETAILS

A701

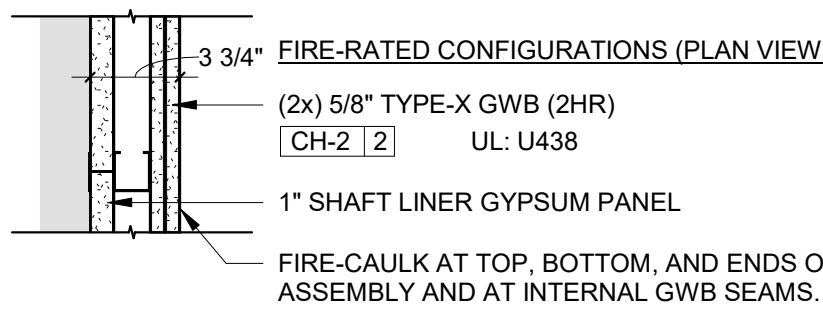
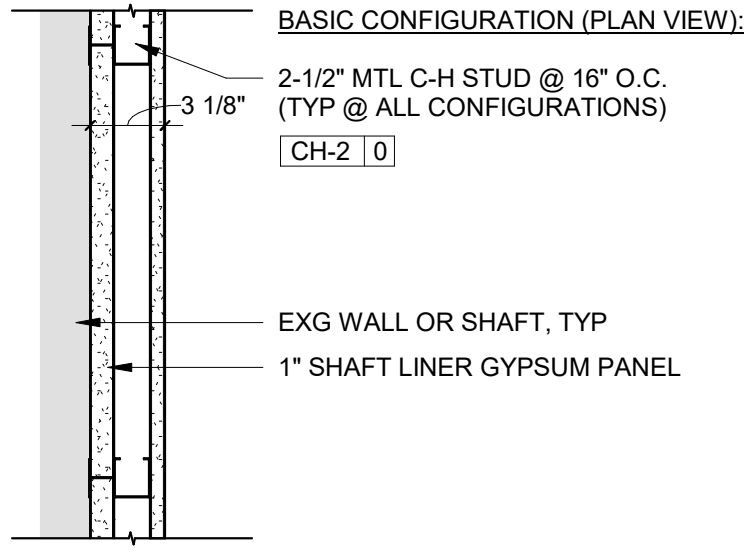
TYPE "F" - FURRING WALL



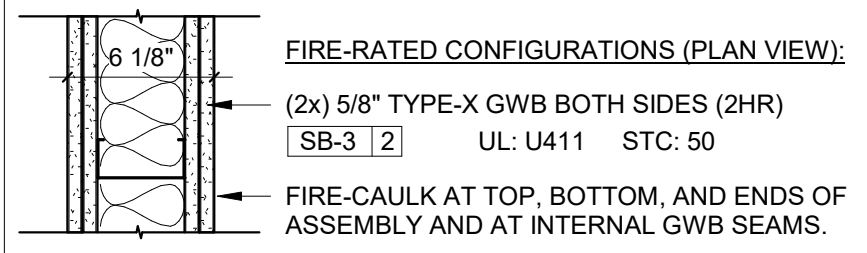
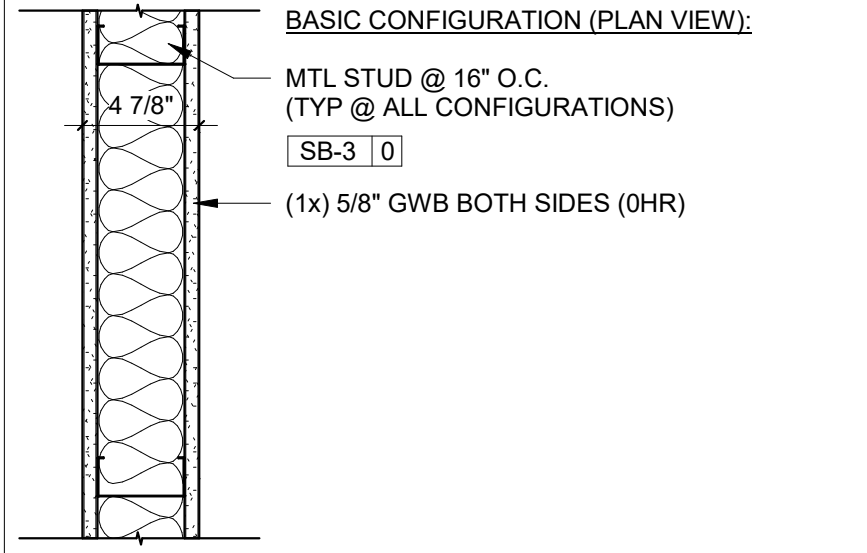
TYPE "S" - STEEL STUD



TYPE "CH" - SHAFT WALL



TYPE "SB" - STEEL STUD W/ BATT INSULATION



* NOTE: ASSEMBLY THICKNESSES BASED ON NOMINAL 2X4 STUDS UNLESS NOTED OTHERWISE. SEE FRAMING SIZE DESIGNATION FOR ALTERNATE STUD SIZES. SEE GENERAL NOTES FOR GWB AT HIGH-MOISTURE AREAS.

PARTITION TYPE TAG LEGEND



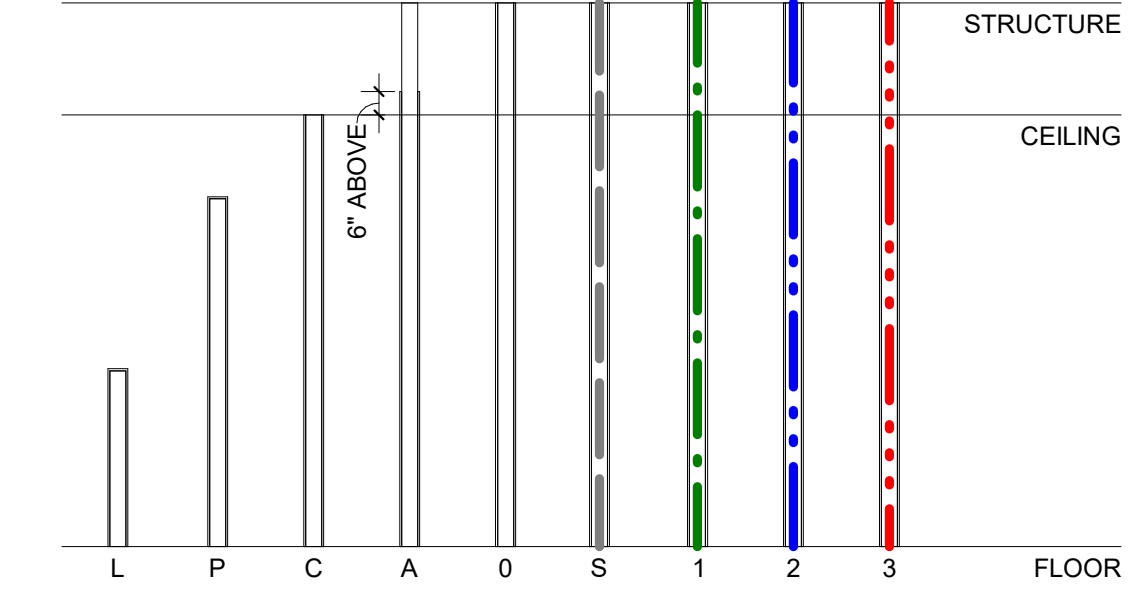
FRAMING SIZE DESIGNATION

WOOD FRAMING SIZES	METAL FRAMING SIZES
0 = FURRING, SEE TYPES	0 = 7/8"
1 = 1 1/2"	1 = 1 5/8"
2 = 1 5/8"	2 = 2 1/2"
3 = 2 1/2"	3 = 3 5/8"
4 = 3 1/2"	4 = 4"
5 = 4 1/2"	6 = 6"
6 = 5 1/2"	8 = 8"
8 = 7 1/4"	
10 = 9 1/4"	MASONRY
12 = 11 1/4"	4 = 3 5/8"
	6 = 5 5/8"
	8 = 7 5/8"

FIRE RATING/PARTITION HEIGHT DESIGNATION

PARTITION HEIGHT DESIGNATION
 L = PARTIAL (LOW) HEIGHT PARTITION - SEE INTERIOR ELEVATION FOR HEIGHT
 P = PARTIAL HEIGHT PARTITION: 7'-0" A.F.F. TYP U.N.O.
 C = NON-RATED - STUDS & GWB TO UNDERSIDE OF CEILING
 A = ACOUSTICALLY-RATED - STUDS TO UNDERSIDE OF STRUCTURE ABOVE, WITH GWB 6" ABOVE CEILING, U.N.O.

FIRE RATING
 0 = NON-RATED TO UNDERSIDE OF STRUCTURE ABOVE
 S = (1) HOUR SMOKE-BARRIER
 1 = (1) HOUR FIRE-RATED
 2 = (2) HOUR FIRE-RATED
 3 = (3) HOUR FIRE-RATED
 4 = (4) HOUR FIRE-RATED



GENERAL NOTES

- ALL UN-TAGGED WALLS TO BE S-3 | 0 UNLESS NOTED OTHERWISE.
- 5/8" GYPSUM WALL BOARD ON STUDS SPACED 16" O.C. U.N.O.
- CEMENTITIOUS BACKERBOARD TYPICAL AT INTERIOR TILE FINISH. SEE INTERIOR ELEVATIONS FOR TILE LOCATIONS.
- ALL LAUNDRY ROOM WALLS, PARTITIONS AND FURRING TO USE MOLD AND MILDEW RESISTANT GWB ON BATHROOM SIDE
- ALL PENETRATIONS THROUGH FIRE-RATED WALL AND FLOOR ASSEMBLIES, BOTH NEW AND EXISTING, SHALL BE FIRE STOPPED / RATE. ALL TRADES TO PROVIDE FIRESTOPPING TO MAINTAIN FIRE RATING. SEE CODE AND FLOOR PLANS.
- WHERE DEMOLISHED WALLS ARE INDICATED, GC TO PATCH AND REPAIR DEMOLISHED WALL ENDS AND INTERSECTING WALL SURFACES AS REQUIRED TO ATTAIN CONSISTENT AND LEVEL FINISH SURFACE, TYP. SEE FLOOR AND DEMO PLANS.
- GC TO PROVIDE JOINT SEALANTS FOR JOINTS BETWEEN EQUIPMENT, PARTITIONS, FLOORING, ETC. AS REQUIRED.

Architect:



4818 Baltimore Avenue
 Philadelphia, PA 19143
 215.386.8191
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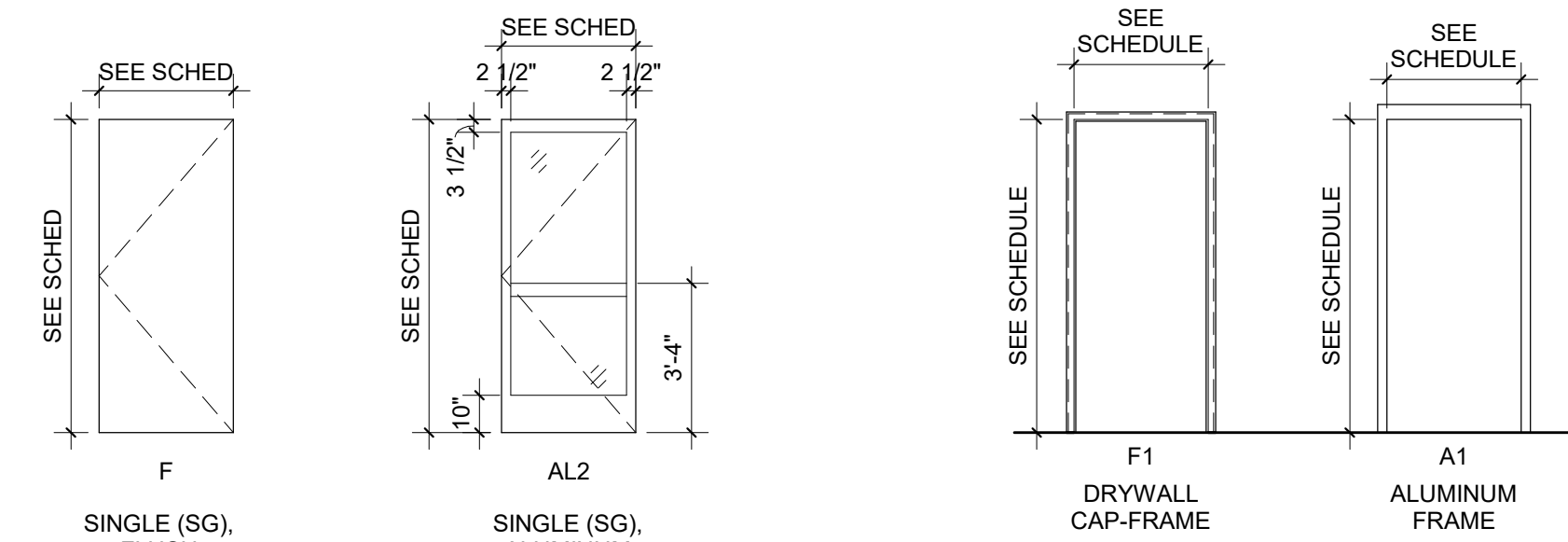
Sheet Title and No.
SCHEDULE & DETAILS - PARTITIONS

A800

PRINTED 12/19/2024 - BID SET

TAGS LEGEND

- (101) DOOR MARK
SEE DOOR SCHEDULE
 - (1) WINDOW TAG
SEE WINDOW SCHEDULE
 - W-4 | 1 WALL TAG
SEE PARTITION SCHEDULE
 - APC-1 CEILING FINISH TAG
 - P-1 WALL FINISH TAG
 - IRB-1 WALL BASE TAG
 - R-1 FLOOR FINISH TAG
- NOTE: REFER TO FINISH KEY



TYPES - DOOR PANELS
N.T.S.

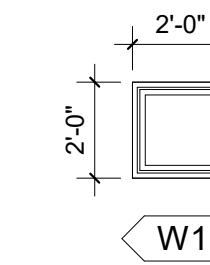
TYPES - DOOR FRAMES
N.T.S.

NOTES - DOORS/FRAMES/HARDWARE

- ROWAN STANDARD SMART LOCK = SCHLAGE WIRELESS CYLINDRICAL LOCK NDE - STANDARD, PROVIDED BY ROWAN UNIVERSITY AND INSTALLED BY GC.
- COLORS, STYLES, FINISHES, OR OTHER OPTIONS NOT DEFINED WITHIN THE DRAWINGS OR SPECIFICATIONS ARE TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS FULL RANGE OF AVAILABLE OPTIONS. PROVIDE PRODUCT DATA AND DOOR HARDWARE SUBMITTALS FOR SELECTIONS AND CONFIRMATIONS.
- SEE SPECIFICATIONS FOR HM DOOR INFORMATION AND HARDWARE SCHEDULE.
- REFER TO DETAILS ON A701
- MAXIMUM U-FACTOR = 0.40
- MAXIMUM GLAZING SHGC = 0.40

DOOR #	ROOM NAME	DOOR						FRAME				HW SET	COMMENTS
		DOOR CONFIG.	PANEL TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	MATERIAL	FINISH			
201	LAUNDRY ROOM	SG	AL2	3'-0"	7'-0"	1 3/4"	ALUM	DARK BRONZE ANODIZED	ALUM	DARK BRONZE ANODIZED	1.0	BOD: KAWNEER INSULPOUR 250T TRIPLE-GLAZED	
202	IRT ROOM	SG	F	3'-0"	7'-0"	1 3/4"	HM	PTD	HM	PTD	2.0		
301	LAUNDRY ROOM	SG	AL2	3'-0"	7'-0"	1 3/4"	ALUM	DARK BRONZE ANODIZED	ALUM	DARK BRONZE ANODIZED	1.0	BOD: KAWNEER INSULPOUR 250T TRIPLE-GLAZED	
302	IRT ROOM	SG	F	3'-0"	7'-0"	1 3/4"	HM	PTD	HM	PTD	2.0		
401	LAUNDRY ROOM	SG	AL2	3'-0"	7'-0"	1 3/4"	ALUM	DARK BRONZE ANODIZED	ALUM	DARK BRONZE ANODIZED	1.0	BOD: KAWNEER INSULPOUR 250T TRIPLE-GLAZED	
402	IRT ROOM	SG	F	3'-0"	7'-0"	1 3/4"	HM	PTD	HM	PTD	2.0		
501	LAUNDRY ROOM	SG	AL2	3'-0"	7'-0"	1 3/4"	ALUM	DARK BRONZE ANODIZED	ALUM	DARK BRONZE ANODIZED	1.0	BOD: KAWNEER INSULPOUR 250T TRIPLE-GLAZED	
502	IRT ROOM	SG	F	3'-0"	7'-0"	1 3/4"	HM	PTD	HM	PTD	2.0		

WINDOW SCHEDULE							
TAG	HEIGHT	WIDTH	MANUFACTURER	MATERIAL	FINISH	COMMENTS	
W1	2'-0"	2'-0"	WAUSAU WINDOWS	ALUM	DARK BRONZE ANODIZED	BOD: INVENT XP DUAL GLAZED	
W1	2'-0"	2'-0"	WAUSAU WINDOWS	ALUM	DARK BRONZE ANODIZED	BOD: INVENT XP DUAL GLAZED	
W1	2'-0"	2'-0"	WAUSAU WINDOWS	ALUM	DARK BRONZE ANODIZED	BOD: INVENT XP DUAL GLAZED	
W1	2'-0"	2'-0"	WAUSAU WINDOWS	ALUM	DARK BRONZE ANODIZED	BOD: INVENT XP DUAL GLAZED	
W1	2'-0"	2'-0"	WAUSAU WINDOWS	ALUM	DARK BRONZE ANODIZED	BOD: INVENT XP DUAL GLAZED	
W1	2'-0"	2'-0"	WAUSAU WINDOWS	ALUM	DARK BRONZE ANODIZED	BOD: INVENT XP DUAL GLAZED	
W1	2'-0"	2'-0"	WAUSAU WINDOWS	ALUM	DARK BRONZE ANODIZED	BOD: INVENT XP DUAL GLAZED	
W1	2'-0"	2'-0"	WAUSAU WINDOWS	ALUM	DARK BRONZE ANODIZED	BOD: INVENT XP DUAL GLAZED	
TOTAL: 8							



NOTES:
MAXIMUM U-FACTOR = 0.20
MAXIMUM GLAZING SHGC = 0.40

TYPES - WINDOWS
N.T.S.

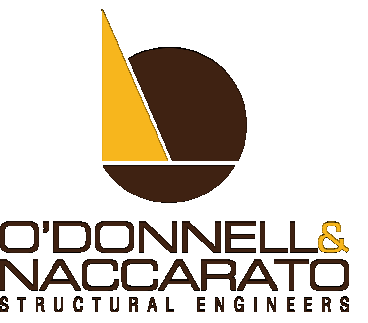
FINISH TAG KEY									
TAG	MATERIAL	PRODUCT NAME	MANUFACTURER	COLOR (CODE / NAME)	FINISH TYPE	SIZE	PATTERN	COMMENTS	
042100									
BR-1A	MASONRY FACE BRICK	BRICK	GLEN-GERY	COPENHAGEN	VELOUR	MODULAR	RUNNING BOND	GLEN-GERY G406 MORTAR	
BR-1B	MASONRY FACE BRICK	BRICK	GLEN-GERY	COPENHAGEN	VELOUR	MODULAR	SOLDIER COURSE	GLEN-GERY G406 MORTAR	
BR-2A	MASONRY FACE BRICK	BRICK	GLEN-GERY	MODERN GRAY	SMOOTH	MODULAR	RUNNING BOND	GLEN-GERY G602 MORTAR	
BR-2B	MASONRY FACE BRICK	BRICK	GLEN-GERY	MODERN GRAY	SMOOTH	MODULAR	SOLDIER COURSE	GLEN-GERY G602 MORTAR	
064100									
HPL-1	LAMINATE	HIGH WEAR HPL	WILSONART	13089-60 / SUNNY SIDE UP	MATTE	N/A	N/A	INCLUDE MATCHING EDGEBANDING AT FRONT EDGE OF EACH COUNTER	
095100									
APC-1	ACOUSTIC CEILING TILE	ULTIMA 1913	ARMSTRONG	WHITE	FINE FISSURED	24 X 48"	SQUARE EDGE, LAY-IN	WITH ARMSTRONG 1516" PRELUDE TRACK SYSTEM IN MATCHING WHITE	
096500									
RB-1	VINYL WALL BASE	COVE BASE	FLEXCO	TBD	N/A	4"			
096723									
IRB-1	EPOXY COVE BASE	INTEGRATED WALL BASE	SHERWIN WILLIAMS	RED TILE	MEDIUM GRIT	N/A		TBD	
R-1	EPOXY FLOOR SYSTEM	RESUFLOP TOPFLOOR MER 1	SHERWIN WILLIAMS	RED TILE	MEDIUM GRIT	N/A		TBD	
099000									
P-1	ACRYLIC PAINT	SEE SPEC	SHERWIN WILLIAMS	SW-6385 / DOVER WHITE	EGGSHELL	N/A		AT GWB WALLS U.N.O.	
P-2	ACRYLIC PAINT	SEE SPEC	SHERWIN WILLIAMS	SW-6385 / DOVER WHITE	SEMI-GLOSS	N/A		AT HM DOORS & FRAMES U.N.O.	

SCHEDULE - ROOM FINISHES					
NUMBER	ROOM NAME	FINISH			
		CEILING	WALL	BASE	FLOOR
201	LAUNDRY ROOM	APC-1	P-1	IRB-1	R-1
202	IRT ROOM	APC-1	P-1	IRB-1	R-1
301	LAUNDRY ROOM	APC-1	P-1	IRB-1	R-1
302	IRT ROOM	APC-1	P-1	IRB-1	R-1
401	LAUNDRY ROOM	APC-1	P-1	IRB-1	R-1
402	IRT ROOM	APC-1	P-1	IRB-1	R-1
501	LAUNDRY ROOM	APC-1	P-1	IRB-1	R-1
502	IRT ROOM	APC-1	P-1	IRB-1	R-1

Architect:



Consultants:



Seal:

Project:

ROWAN UNIVERSITY

ROWAN EPA - LAUNDRY ROOMS

400 EDGEWOOD DRIVE, GLASSBORO, NJ 08028

Issue Date: 12/19/2024

Revision Schedule

No.	Date	Drawn By	Description

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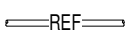
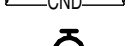


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Sheet Title and No.
SCHEDULES - DOORS, FRAMES, WINDOWS, & FINISHES

A810

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HVAC SYMBOLS AND ABBREVIATIONS LEGEND

SYMBOLS		
	REF	REFRIGERANT LINESET
	COND	CONDENSATE
	ART	ADJUSTABLE ROOM THERMOSTAT
	M	FAN MOTOR SPEED DIAL
	O.A.	OUTSIDE AIR
	S.A.	SUPPLY AIR
	R.A.	RETURN AIR
	CAP.	CAPACITY
	PRESS.	PRESSURE
	TEMP.	TEMPERATURE
	MIN.	MINIMUM
	MAX.	MAXIMUM
	SIM.	SIMILAR
	AUTO.	AUTOMATIC
	EX	EXISTING
	CONC.	CONCRETE
	AHU	AIR HANDLING UNIT
	GPM	GALLONS PER MINUTE
	SF	SUPPLY FAN
	RF	RETURN FAN
	BTUH	BTU/H
	A.F.F.	ABOVE FINISHED FLOOR
	EF	EXHAUST FAN
	TYP.	TYPICAL
	CONN.	CONNECTION
	AS	AIR SEPARATOR
	ET	EXPANSION TANK
	FD	FIRE DAMPER
	F.D.	FLOOR DRAIN
	FSD	FIRE SMOKE DAMPER
	HTR	HEATER
	VAV	VARIABLE AIR VOLUME
	CLG.	CEILING
	T.C.	TEMPERATURE CONTROL
	DN.	DOWN
	MECH.	MECHANICAL
	RM	ROOM
	S.P.	STATIC PRESSURE
	SHT.	SHEET
	ASSOC.	ASSOCIATED
	REF.	REFERENCE
	EAT	ENTERING AIR TEMPERATURE
	LAT	LEAVING AIR TEMPERATURE
	EWT	ENTERING WATER TEMPERATURE
	LWT	LEAVING WATER TEMPERATURE
	UH	UNIT HEATER
	AAV	AUTOMATIC AIR VENT
	MAV	MANUAL AIR VENT
	SP	SETPOINT

GENERAL NOTES:

- A. CONTRACTOR SHALL PROVIDE MANUFACTURER'S RECOMMENDED ACCESS TO ALL EQUIPMENT, TERMINAL UNITS AND VALVES. ACCESS SHALL BE REMOVABLE CEILING TILES OR CEILING ACCESS PANELS. COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH OTHER TRADES TO AVOID CONFLICT.
- B. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR LOCATION OF GRILLES AND DIFFUSERS.
- C. FOR ALL WALLS THAT ARE EXTENDED TO STRUCTURE PROVIDE SLEEVES FOR PIPING AND DUCTWORK PENETRATING WALLS (REFERENCE SPECIFICATIONS).
- D. DRAWINGS ARE DIAGRAMMATIC. PROVIDE ADDITIONAL OFFSETS, TRANSITIONS, ETC. AS REQUIRED TO AVOID INTERFERENCE'S ENCOUNTERED. FULL COORDINATION DRAWINGS WITH OTHER TRADES ARE REQUIRED.
- E. PROVIDE FIRE DAMPERS AT ALL DUCT FLOOR PENETRATIONS NOT CONCEALED WITHIN A FIRE RATED CHASE.
- F. IF THE CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS OR IS NOT SURE OF THEIR MEANING, HE SHOULD OBTAIN THE ARCHITECT'S WRITTEN EXPLANATION AND INTERPRETATION PRIOR TO SUBMITTING HIS BID. SINCE THE CONTRACTORS WILL BE HELD RIGIDLY TO THE INTERPRETATION OF THE ARCHITECT.
- G. CUT, PATCH, REPAIR AND RESTORE TO ORIGINAL CONDITION ALL OPENINGS IN WALLS, FLOORS, CEILINGS, ETC. WHERE REQUIRED. PATCHING SHALL MATCH EXISTING CONSTRUCTION & FINISHES. COORDINATE ALL PATCHING AND FINISHES WITH ARCHITECT.
- H. RELOCATION OF EXISTING PIPE AND EQUIPMENT HANGERS REQUIRED FOR INSTALLATION WORK SHALL BE CONSIDERED PART OF THIS CONTRACT.
- I. PROVIDE BALANCING DAMPERS FOR ALL S.A., R.A., AND E.A. DUCT BRANCH TAKEOFFS AND RUNOUTS TO GRILLES, DIFFUSERS, ETC.
- J. USE RADIUS ELBOWS. IF SPACE ISN'T AVAILABLE, MITERED ELBOWS ARE ACCEPTABLE. PROVIDE TURNING VANES IN ALL RECTANGULAR MITERED ELBOWS, SUPPLY AND RETURN DUCTWORK.
- K. INSTALL FLEX DUCTS FULLY EXTENDED, DO NOT BEND DUCTS ACROSS SHARP CORNERS. BENDS OF FLEX DUCTS SHALL NOT EXCEED A MINIMUM OF 1 DUCT DIAMETER. AVOID CONTACT OF FLEX DUCT WITH METAL FIXTURES, WATER LINES, PIPES, OR CONDUITS.

SCHEDULE OF MINI SPLIT SYSTEMS

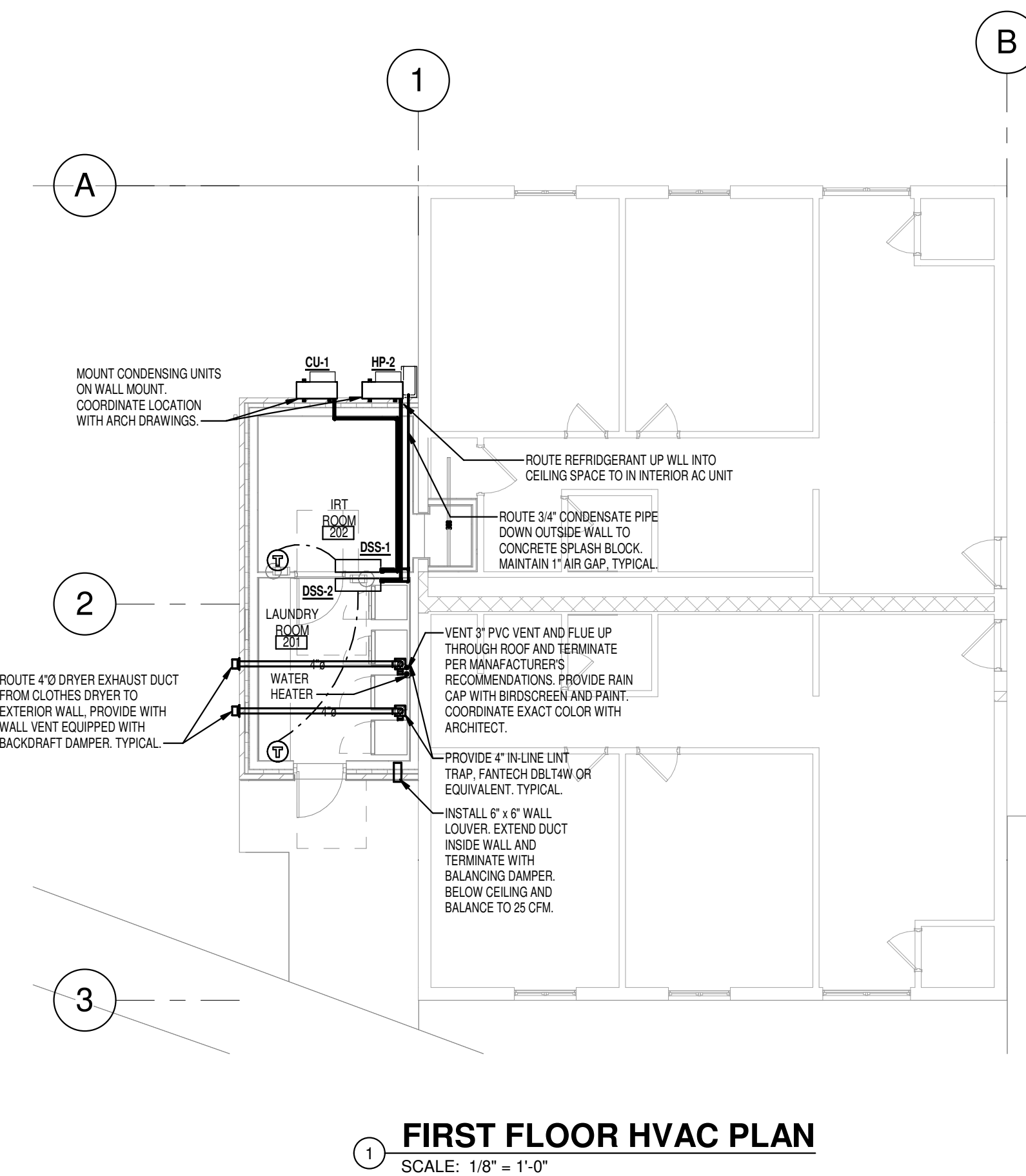
- NOTES:**
1. PROVIDE WITH REMOTE MOUNTED LCD DISPLAY WITH TEMPERATURE SETTING AND FAN SPEED CONTROL.
 2. INDOOR UNIT SHALL BE POWERED BY OUTDOOR UNIT. ROUTE CONDUCTOR PER MANUFACTURER RECOMMENDATIONS.
 3. CONTRACTOR SHALL PIPE UNITS PER MANUFACTURER RECOMMENDATIONS.
 4. VALUES LISTED CORRESPOND TO HIGH SETTING OF THE UNIT.
 5. SHOP DRAWINGS MUST INCLUDE PERFORMANCE DATA OR THEY WILL BE REJECTED.

MARK	MANUFACTURER	MODEL No.	TOTAL COOLING CAPACITY TOTAL	HEATING CAPACITY	CFM	ELECTRICAL CHARACTERISTICS			NOTES
						VOLTAGE	PHASE	MCA	
DSS-1	DAIKIN	FTXQ12LA10A	12000.0 Btu/h	0.0 Btu/h	320	208	1	1 A	ALL
DSS-2	DAIKIN	FTXQ12B112AA	12000.0 Btu/h	14400.0 Btu/h	276	208	1	1 A	ALL

SCHEDULE OF CONDENSER UNITS & HEAT PUMPS

- NOTES:**
1. SLOPE SUCTION LINE TOWARD EVAPORATOR.
 2. PROVIDE WITH MANUFACTURER CONDENSER WALL BRACKET AND INSTALL PER MANUFACTURER RECOMMENDATIONS.
 3. ROUTE REFRIGERANT PIPING PER MANUFACTURER RECOMMENDATIONS.
 4. SHOP DRAWINGS MUST INCLUDE PERFORMANCE DATA OR THEY WILL BE REJECTED.

MARK	MANUFACTURER	MODEL No.	CAPACITY	MINIMUM EFFICIENCY (SEER)	MINIMUM STARTING AND OPERATING TEMPERATURE	ELECTRICAL CHARACTERISTICS			NOTES
						VOLTAGE	PHASE	MCA/MOP (AMPS)	
CU-1	MITSUBISHI	TRUYA0121KA70NA	120000.0 Btu/h	23.1	0 °F	208	1	10	ALL
HP-2	MITSUBISHI	NTXSST12B112AA	120000.0 Btu/h	23.3	23 °F	208	1	11	ALL



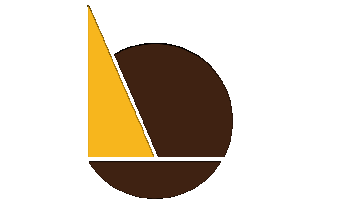
1 FIRST FLOOR HVAC PLAN
SCALE: 1/8" = 1'-0"

Architect:



4818 Baltimore Avenue
Philadelphia, PA 19143
215.386.8191
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Consultants:



O'DONNELL &
NACCAPATO
STRUCTURAL ENGINEERS



BCCLT
CONSULTING ENGINEERS

Seal:

Project:

ROWAN UNIVERSITY

ROWAN EPA - LAUNDRY ROOMS

400 EDGEWOOD DRIVE,
GLASSBORO, NJ 08028

Issue Date: 12/19/2024

Revision Schedule

No.	Date	Drawn By	Description

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Sheet Title and No.
BUILDING 200 - FIRST FLOOR HVAC PLAN

M100

Project No.: 23280
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Architect:



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Sheet Title and No.
PLUMBING
SCHEDULES AND
DETAILS

P001

Project No.: 23280
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SCHEDULE OF PLUMBING FIXTURES

MARK	FIXTURE	MANUFACTURER	MODEL No.	FIXTURE TYPE	FIXTURE MATERIAL	FIXTURE STYLE	FAUCET / VALVE				SUPPLY STOPS	DRAIN				DOMESTIC CW	DOMESTIC HW	SANITARY WASTE	SANITARY VENT	REMARKS
							MANUFACTURER	MODEL No.	SPOUT	HANDLES		CENTERS	TYPE	SIZE	TRAP / ARM SIZE					
WB1	WASHER BOX	GUY GRAY	SSWB1		304 STAINLESS STEEL, 20 GAUGE						1/4 TURN VALVE SUPPLIED WITH BOX		2"			3/4"	3/4"	2"	1 1/2"	MOUNT 42" A.F.F. PROVIDE ADDITIONAL FRAMING AROUND BOX FOR SECURE MOUNTING.

SCHEDULE OF DRAINS AND CLEANOUTS

MARK	FIXTURE	MANUFACTURER	MODEL No.	TYPE	MATERIAL	STYLE	REMARKS
FCO	FLOOR CLEANOUT	ZURN	ZN1400-VP-BP	NO HUB OR NEO-LOCK	CAST IRON / NICKEL BRONZE TOP	SCORIATED ROUND TOP	VANDAL RESISTANT SECURED TOP, PROVIDE NICKEL BRONZE TOP IN FINISHED AREAS, BRONZE TOP IN UNFINISHED.
FD1	FLOOR DRAIN	ZURN	ZN415-B	NO HUB-OR NEO-LOCK	CAST IRON / NICKEL BRONZE TOP	6" ROUND	PROVIDE 4" DEEP SEAL P-TRAP WITH CLEANOUT.

SCHEDULE OF DOMESTIC WATER HEATERS

MARK	MANUFACTURER	MODEL NO.	FLOW AT 80°F TEMPERATURE RISE (GPM)	BTUH INPUT	HOT WATER TEMP OUT	EFFICIENCY	REMARKS	MARK
DWH1	A.O. SMITH	ATHR-199X3	5	199,000	120	95%	SEE BELOW	DWH1

NOTES:

- FUEL SOURCE SHALL BE NATURAL GAS.
- PROVIDE ASME RATED RELIEF VALVE AND CONDENSATE NEUTRALIZATION KIT FOR WATER HEATER.
- PROVIDE ALL REQUIRED CLEARANCES AROUND WATER HEATER. CONTRACTOR SHALL VERIFY WATER HEATER WILL FIT IN ALLOTTED SPACE.
- FURNISH AND INSTALL OUTSIDE AIR PIPE, EXHAUST PIPE, AND COMPLETE SYSTEM FOR WATER HEATER COMBUSTION AND VENTING REQUIREMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STATE FORMS, SUBMITTALS, FEES, PERMITS, ETC. AS REQUIRED FOR WATER HEATER INSTALLATION.
- BASIS OF DESIGN IS INDICATED IN SCHEDULE, REFER TO SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS. EQUIPMENT MUST MEET ALL THE PERFORMANCE REQUIREMENTS INDICATED

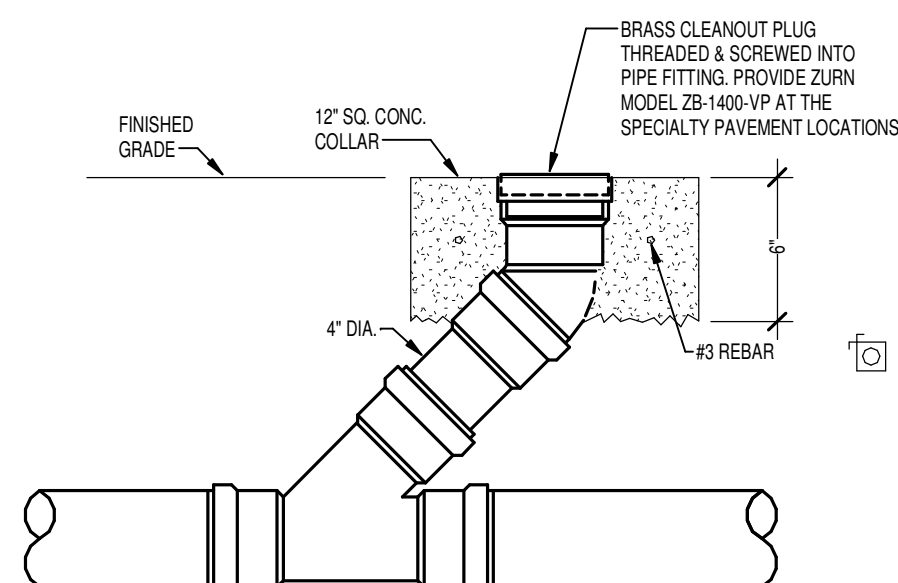
GENERAL NOTES:

APPLIES TO ALL SHEETS

- THE REMOVAL DRAWINGS SERVE TO AID THE CONTRACTOR IN THE EVALUATION OF THE EXTENT OF DEMOLITION, BUT SHALL NOT BE HELD TO ALL INCLUSIVE.
- CONDITIONS SHOWN ON THE PLANS RELATIVE TO THE WORK TO BE PERFORMED ARE BASED ON THE BEST INFORMATION AVAILABLE AND SUBJECT TO VERIFICATION. VERIFY LOCATIONS AND ELEVATIONS OF UTILITIES TO BE CROSSED OR CONNECTED. CORRECT DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS AT NO EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT AND ENGINEER OF CONDITION IN CONFLICT WITH THE DETAILS/PLANS.
- FOR FURTHER INFORMATION WITH REGARD TO THE EXTENT OF DEMOLITION & REMOVALS, SEE THE NEW CONSTRUCTION DRAWINGS AND THE ARCHITECTURAL DRAWINGS WHICH SHOW WORK TO BE PERFORMED.
- CUT, PATCH & REPAIR ALL OPENINGS IN WALLS, FLOORS, CEILING, ETC., WHERE REQUIRED BY THE REMOVAL OF EQUIPMENT AND ACCESSORIES AND NEW CONSTRUCTION. PATCHING SHALL MATCH EXISTING CONSTRUCTION & FINISHES. COORDINATE ALL PATCHING AND FINISHES WITH ARCHITECT.
- IF PLUMBING LINES SERVING PLUMBING EQUIPMENT TO REMAIN MUST BE REMOVED DUE TO DEMOLITION OR NEW CONSTRUCTION, THE UTILITIES SHALL BE RELOCATED IN A MANNER THAT IS ACCEPTABLE BY THE ARCHITECT/ENGINEER. PROPER SLOPE, MATERIALS, AND SIZES OF PIPING SHALL BE MAINTAINED TO INSURE EQUIPMENT IS MADE FULLY OPERATIONAL.
- REMOVAL OF EXISTING UTILITIES SHALL BE MADE SO THAT SERVICE TO OTHER AREAS UTILIZED BY THE OWNER ARE NOT INTERRUPTED WITHOUT CONSENT FROM OWNER. PROVIDE TEMPORARY VALVES AND TEMPORARY SERVICES REQUIRED DURING DEMOLITION AND NEW CONSTRUCTION.
- EXISTING INFORMATION SHOWN ON FLOOR PLANS IS FROM ORIGINAL RECORD DRAWINGS AND FIELD INVESTIGATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN THE FIELD BEFORE COMMENCEMENT OF WORK. THE CONTRACTOR IS REQUIRED TO REPORT TO THE ARCHITECT DISCREPANCIES OR INCONSISTENCIES BETWEEN THE SPECIFIED DESIGN AND EXISTING CONDITIONS FOR CLARIFICATION PRIOR TO COMMENCEMENT OF THE WORK. ABSOLUTE ACCURACY OF THE DRAWINGS CANNOT BE GUARANTEED. WHILE EVERY EFFORT HAS BEEN MADE TO COORDINATE THE LOCATION OF EXISTING EQUIPMENT, PIPING, ETC., IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE EXACT REQUIREMENTS GOVERNED BY ACTUAL JOB CONDITIONS.
- PLUMBING SYSTEMS SHALL BE DESIGNED AND INSTALLED PER LOCAL PLUMBING CODE.
- REPORT TO ARCHITECT IN WRITING, CONDITIONS WHICH WILL PREVENT PROPER PROVISION OF THIS WORK.
- THE DRAWINGS SHOWING THE LOCATIONS OF PLUMBING EQUIPMENT, PIPING, ETC. ARE DIAGRAMMATIC. CONTRACTOR SHALL PROVIDE ALL OFFSETS, ADJUSTMENTS ETC. JOB CONDITIONS MAY NOT PERMIT THEIR INSTALLATION AT THE LOCATIONS SHOWN. THE PLUMBING DRAWINGS SHOW THE GENERAL ARRANGEMENT OF EQUIPMENT, PIPING, DEVICES, ETC. & SHALL BE FOLLOWED AS CLOSE AS POSSIBLE.
- LOCATE VALVES FOR SERVICE ACCESSIBILITY. PROVIDE VALVE TAGS & PLASTIC LAMINATE IDENTIFICATION ON CEILING FOR ALL NEW AND EXISTING VALVES AND EQUIPMENT LOCATED WITHIN THE CONSTRUCTION LIMITS AS INDICATED IN THE SPECIFICATIONS.
- SEAL ALL OPENINGS NEW & EXISTING AROUND PLUMBING & UTILITY LINES PENETRATING FIRE WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF FIRE WALLS & ARCHITECTURAL SPECS FOR MATERIAL & INSTALLATION.
- CONTRACTOR SHALL COORDINATE WITH ARCHITECT ALL CONSTRUCTION PHASING AS IT APPLIES TO DEMOLITION & NEW WORK.

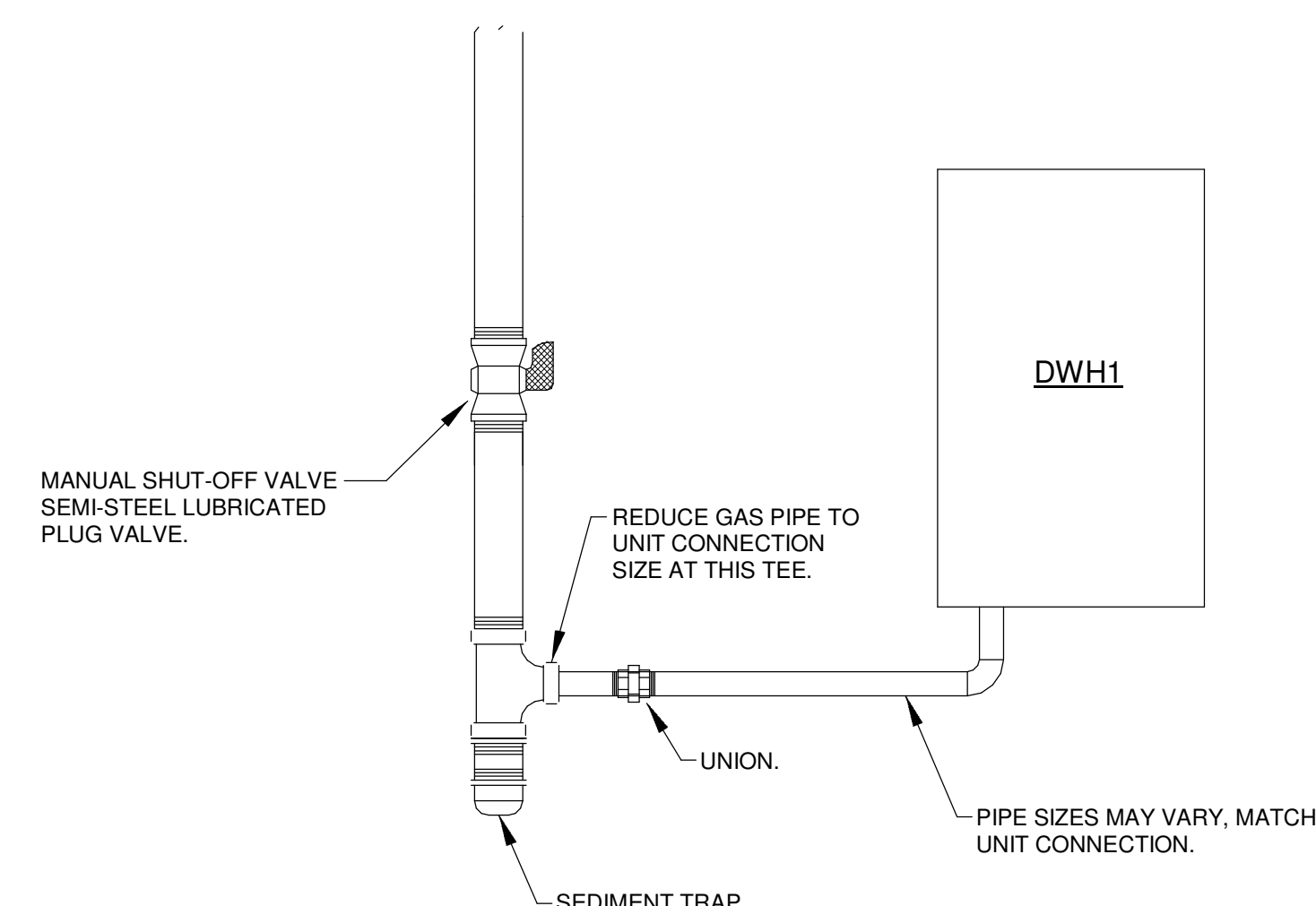
PLUMBING LEGEND

ABBREVIATION		SYMBOLS	
FLOOR DRAIN	CO CLEANOUT	SANITARY WASTE	SANITARY VENT
CW DOMESTIC COLD WATER	DWH DOMESTIC WATER HEATER	NATURAL GAS	DOMESTIC COLD WATER
EX EXISTING	FCO FLOOR CLEANOUT	DOMESTIC HOT WATER	GATE VALVE
FD FLOOR DRAIN	FD FLOOR DRAIN	CHECK VALVE	WATER HAMMER ARRESTOR
G NATURAL GAS	HW DOMESTIC HOT WATER	GAS VALVE	UNION
V SANITARY VENT	V SANITARY VENT	FLOW-IN DIRECTION OF ARROW	RISE IN VERTICAL
VTR VENT THRU ROOF	VTR VENT THRU ROOF	RISE OR DROP	BRANCH CONNECTION
W SANITARY WASTE	W SANITARY WASTE	RISER DOWN	RISE UP
WB WASHER BOX	WB WASHER BOX	END CAP	CONNECTION POINT - NEW TO EXISTING
YCO YARD CLEANOUT	YCO YARD CLEANOUT	LIMIT OF REMOVAL	INDICATES REMOVAL
		KEYNOTE	



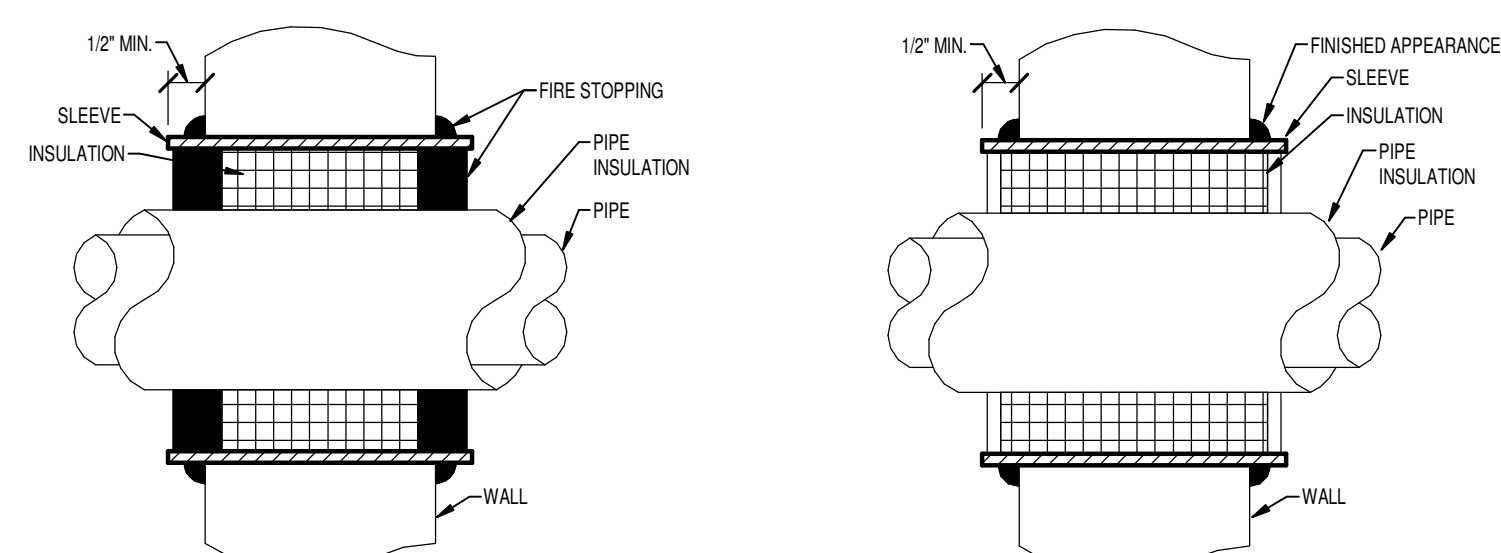
1 TYPICAL YARD CLEANOUT

SCALE: NONE



2 TYPICAL GAS PIPING CONNECTION DETAIL

SCALE: NONE



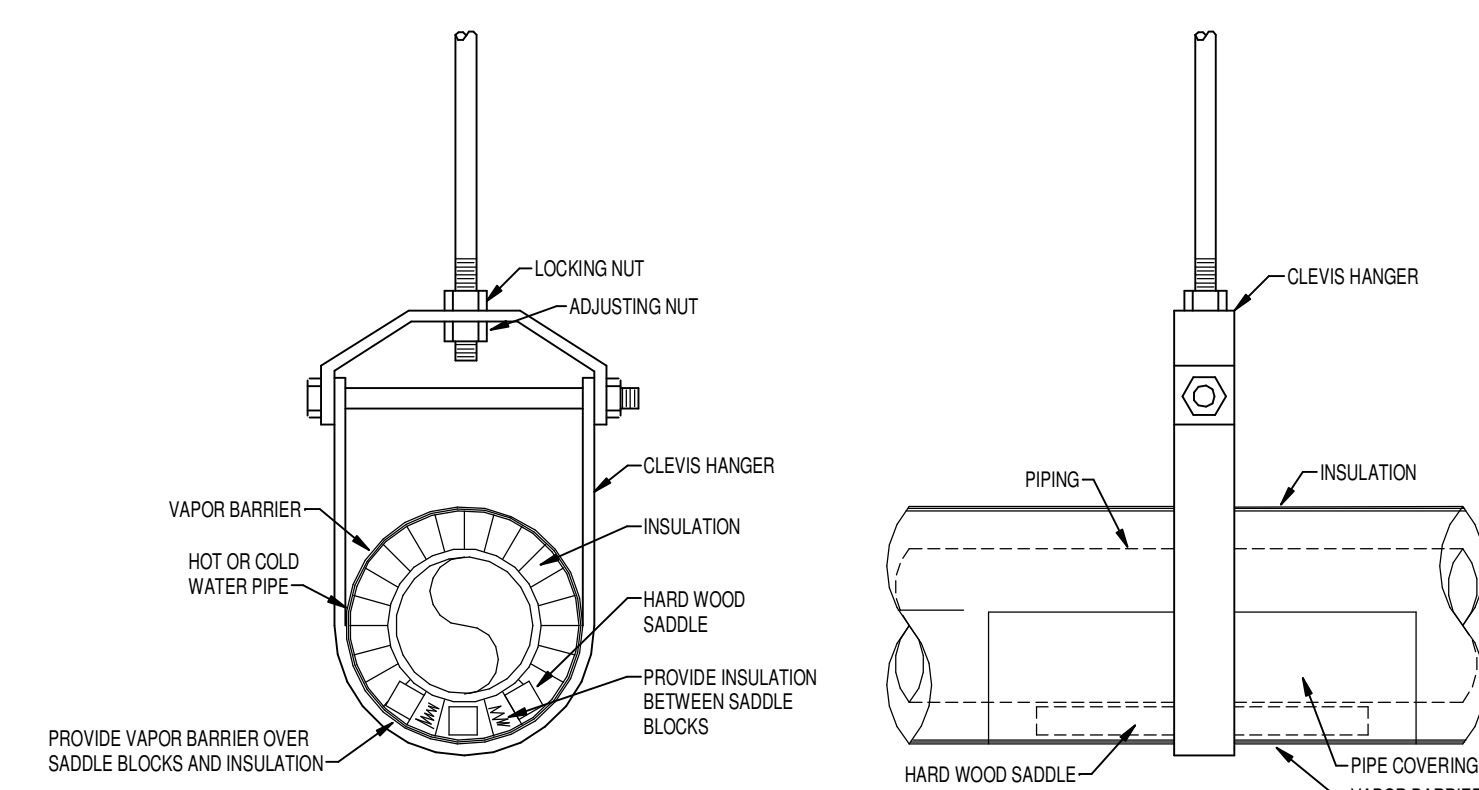
3 INTERIOR RATED WALL

INTERIOR NON RATED WALL

- NOTES:
1. INSTALL FIRE STOP PER MANUFACTURERS RECOMMENDATION.
2. SEE ARCHITECT DRAWINGS FOR LOCATIONS.

3 INTERIOR AND FLOOR PIPE SLEEVE DETAIL

SCALE: NONE



NOTES:

- PROVIDE PIPE COVERING SHIELD AT EACH CLEVIS HANGER. INSTALL SHIELD BETWEEN BARRIER AND CLEVIS HANGER.
- THIS DETAIL IS TYPICAL FOR ALL OTHER HANGERS AND SUPPORTS.

4 TYPICAL INSULATED PIPE HANGER DETAIL

SCALE: NONE

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KEYED NOTES:

- ISOLATION VALVE(S), PROVIDE IN ACCESSIBLE LOCATION. PROVIDE ACCESS PANEL AS REQUIRED.
- 1 1/2" VENT, 3/4" HOT AND COLD WATER DOWN TO WASHER BOX.
- PAINT 3" VENT THRU ROOF. COORDINATE EXACT COLOR WITH ARCHITECT.
- CONNECT NEW 3/4" COLD WATER TO EXISTING IN CHASE. REWORK EXISTING PIPING AS REQUIRED.
- 1 1/2" VENT DOWN TO FLOOR DRAIN.
- REMOVE AND RELOCATE AUXILIARY DRAIN AND GAS VENT LOCATED ON EXTERIOR OF BUILDING TO ACCOMMODATE NEW ADDITION. CUT, PATCH, AND REPAIR EXISTING WALL AS REQUIRED.
- 3/4" COLD WATER DOWN TO DWH1 AND 3/4" HOT WATER UP FROM DWH1. 1 1/2" NATURAL GAS DOWN TO DWH1. PROVIDE GAS COCK, UNION AND DIRT LEG, SEE DETAIL. PROVIDE CONDENSATE NEUTRALIZATION KIT AND ROUTE CONDENSATE TO FLOOR DRAIN.
- CONNECT 2" NATURAL GAS TO EXISTING IN CHASE. REWORK EXISTING PIPING AS REQUIRED.

Architect:



Consultants:



Seal:

Project:

ROWAN UNIVERSITY

ROWAN EPA - LAUNDRY ROOMS

400 EDGEWOOD DRIVE,
GLASSBORO, NJ 08028

Issue Date: 12/19/2024

Revision Schedule

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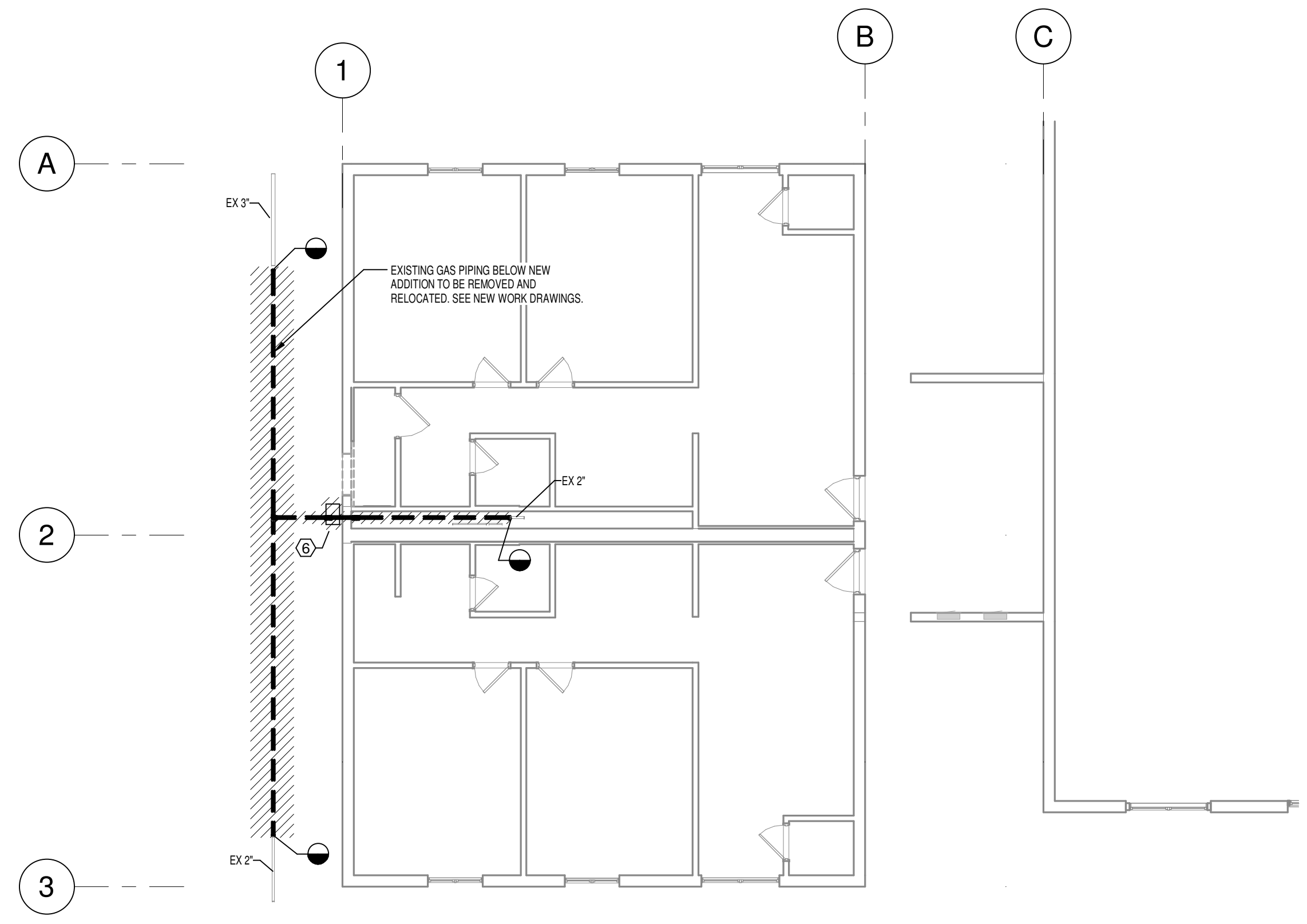
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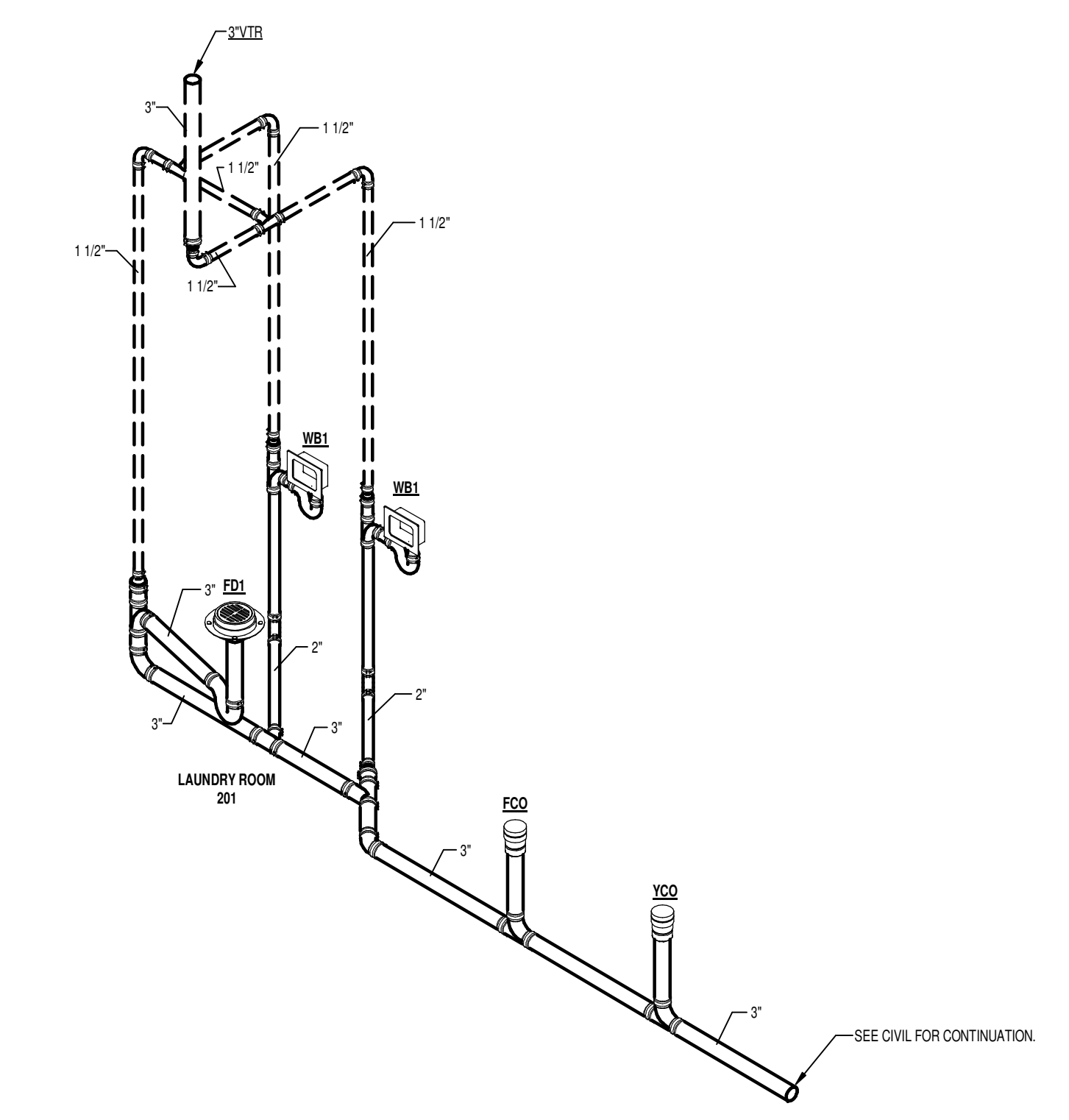
Sheet Title and No.
PLUMBING PLAN

P100

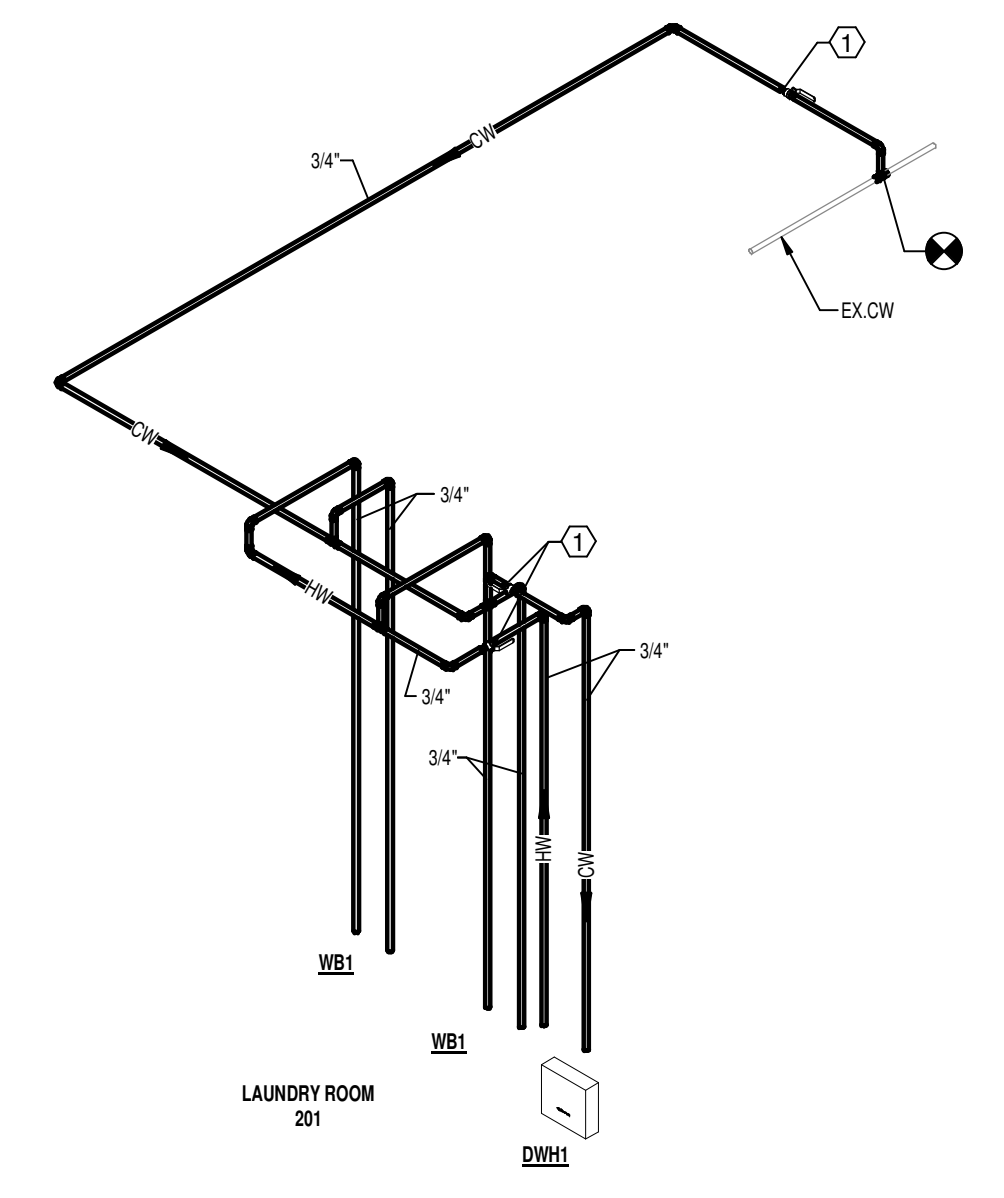
Project No.: 23280
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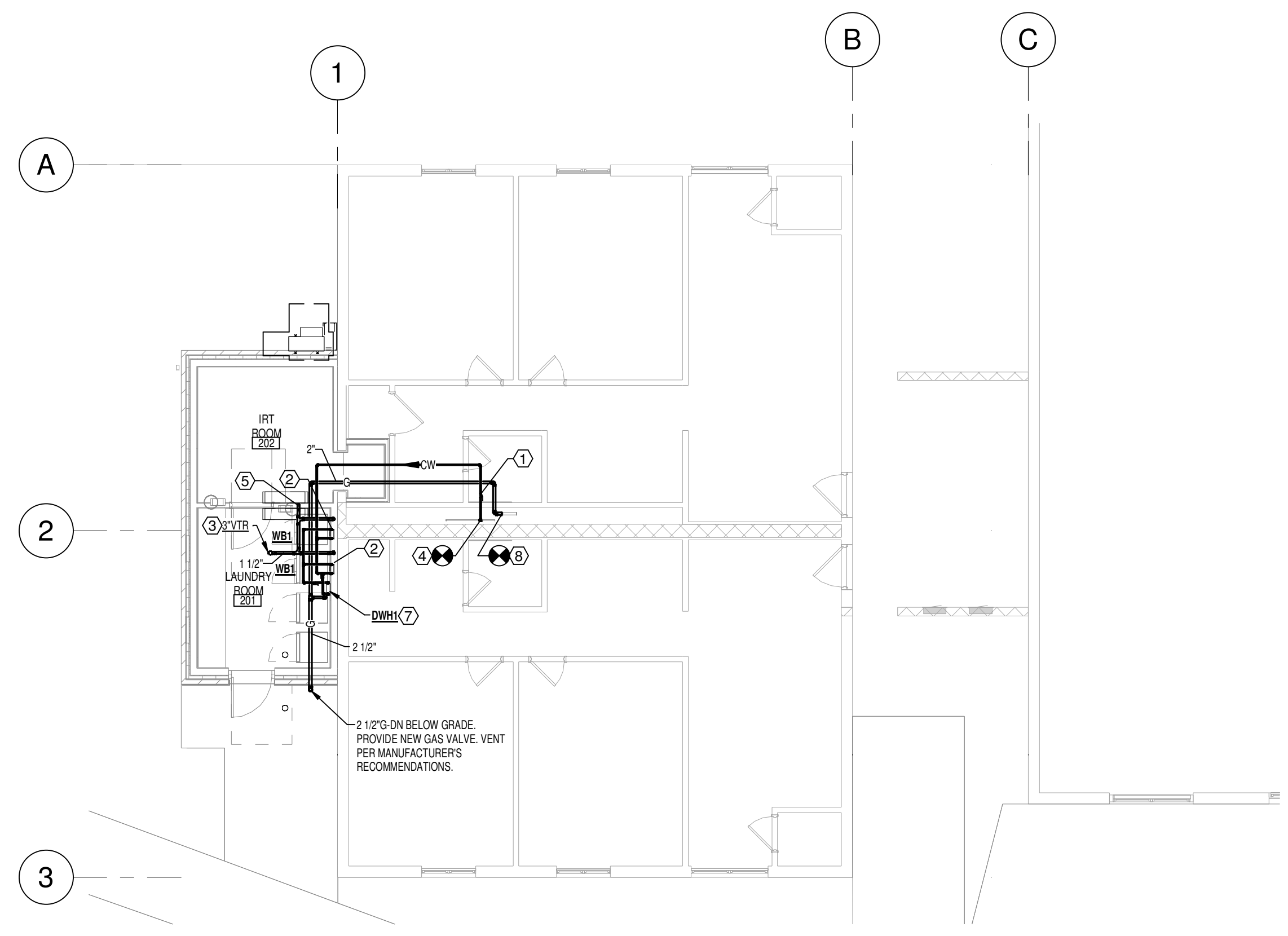
5 BUILDING 200 PLUMBING REMOVAL PLAN (TYPICAL OF FOUR)
SCALE: 1/8" = 1'-0"



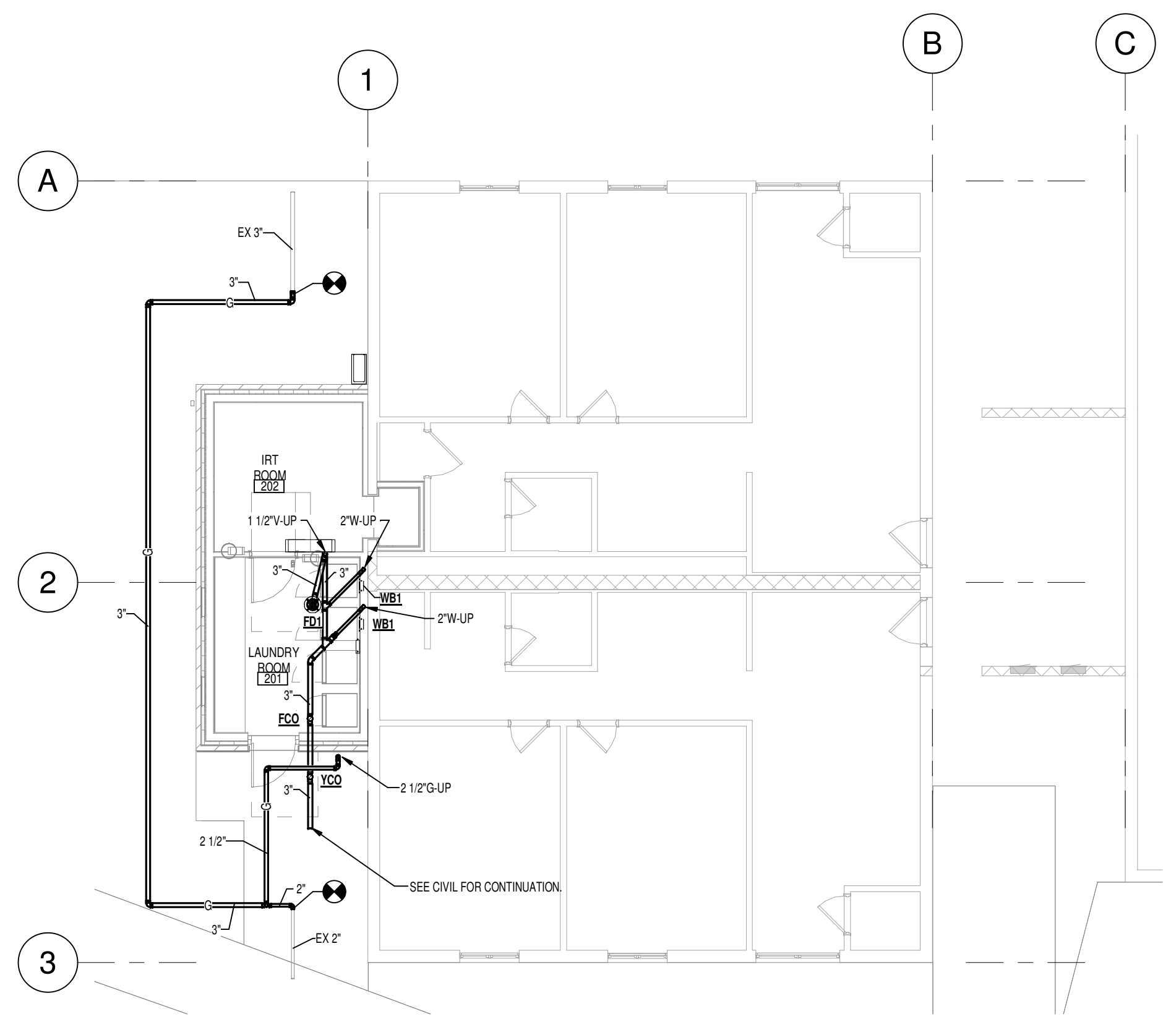
7 WASTE AND VENT RISER DIAGRAM (TYPICAL)
SCALE: NONE



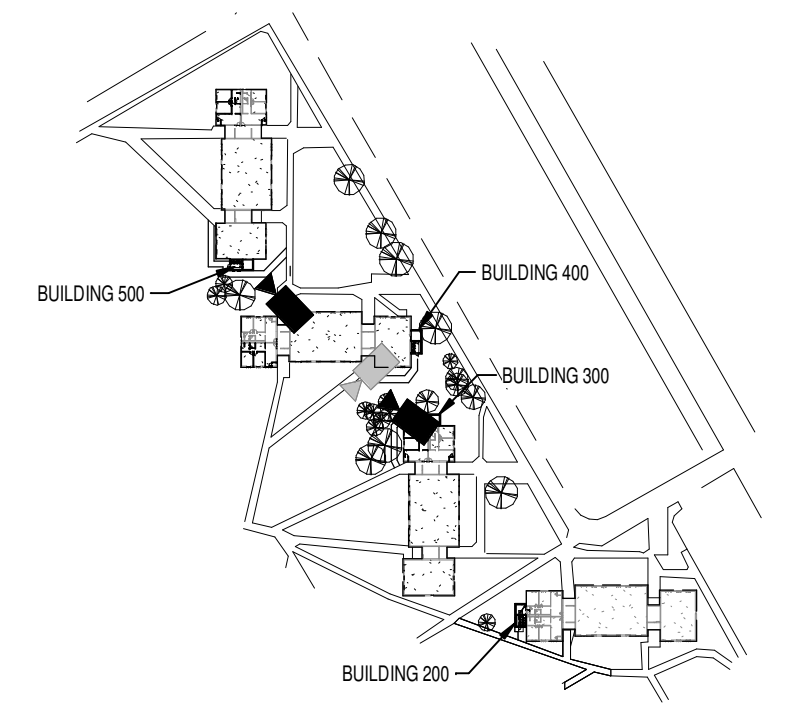
6 DOMESTIC WATER RISER DIAGRAM (TYPICAL)
SCALE: NONE



1 BUILDING 200 FIRST FLOOR PLUMBING PLAN (TYPICAL OF FOUR)
SCALE: 1/8" = 1'-0"



2 BUILDING 200 BELOW FIRST FLOOR PLUMBING PLAN (TYPICAL OF FOUR)
SCALE: 1/8" = 1'-0"



4 KEYPLAN
SCALE: NONE

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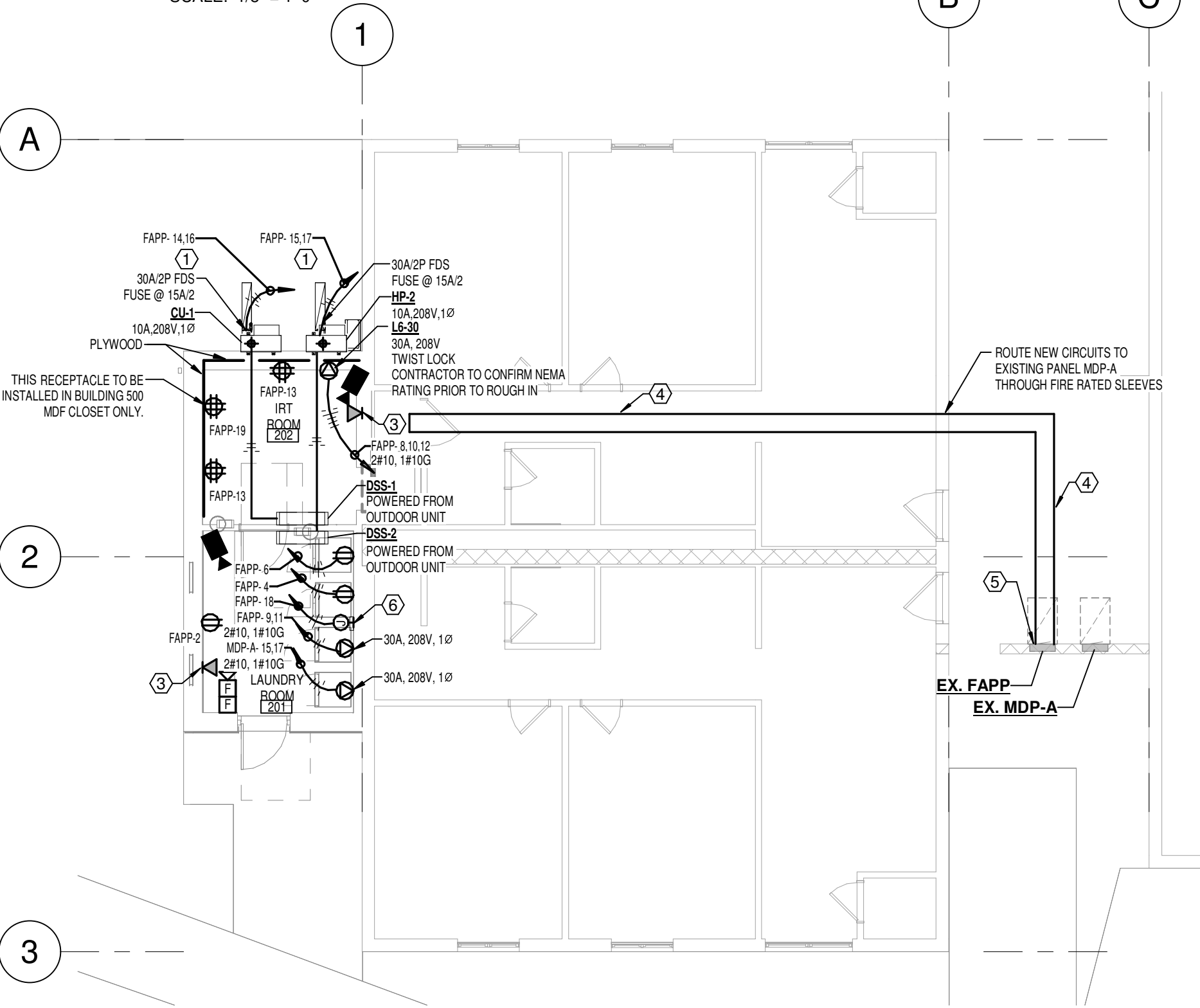
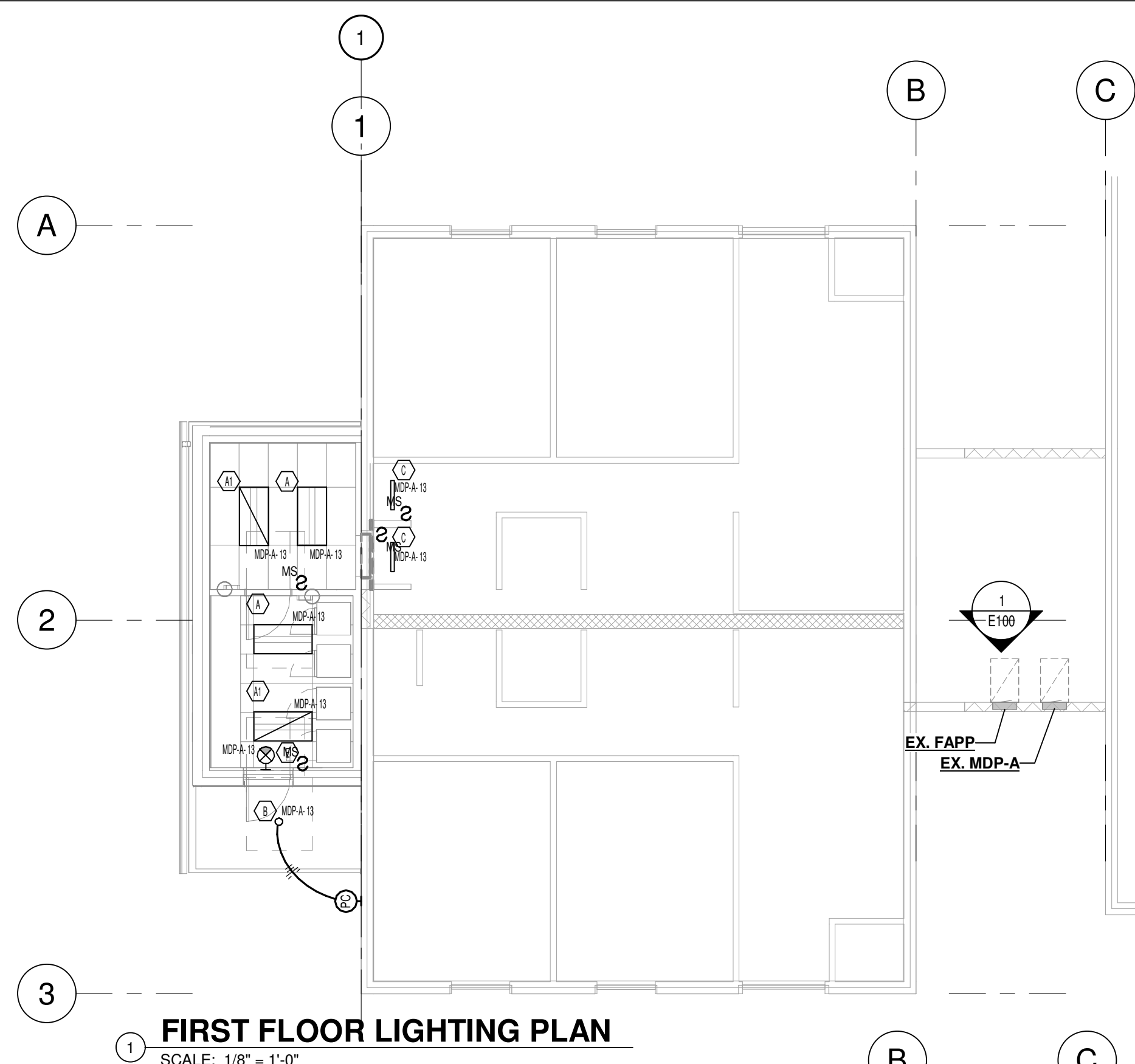
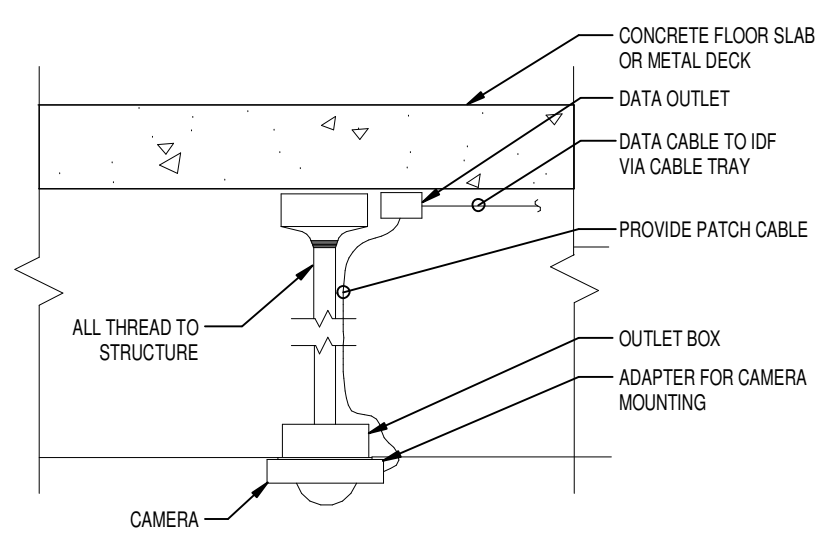
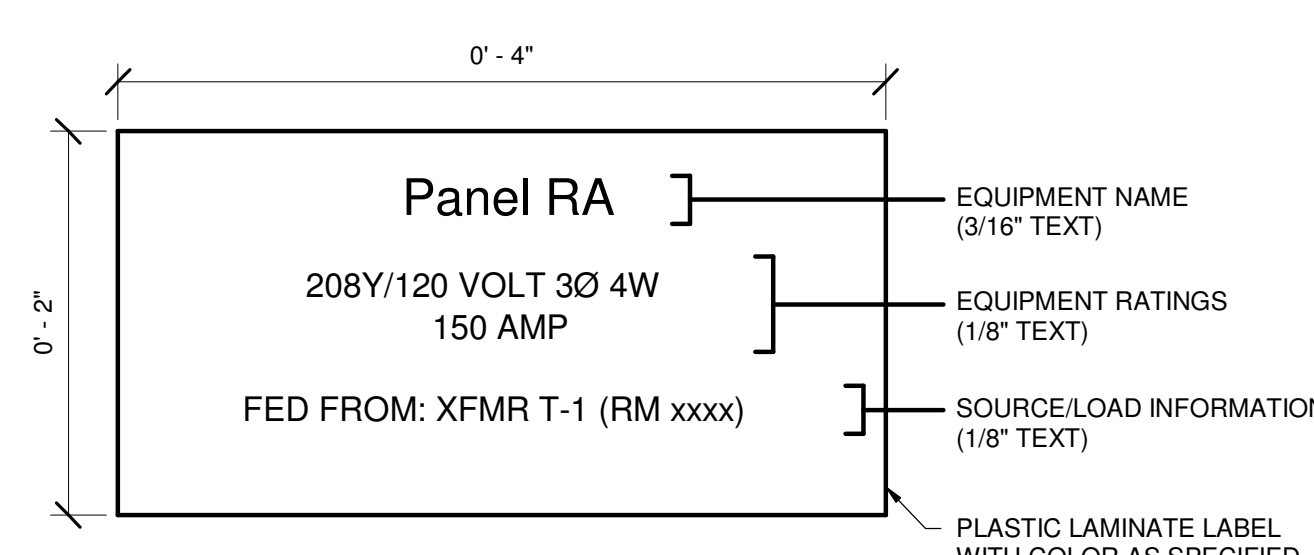


PHOTO 1



4 TYPICAL CAMERA CEILING MOUNTING DETAIL
SCALE: NONE



5 LABEL-Electrical Equipment Label
SCALE: Scale: None

GENERAL NOTES:

- 1. LIGHTING AND POWER PLAN APPLY TO NEW ADDITION BUILDING 200, 300, 400 AND 500.
- 1. PROVIDE NEW BREAKERS IN AVAILABLE BREAKER SPACE, TYPE AND RATING TO MATCH EXISTING.
- 2. EXISTING JUNCTION BOXES ON EXTERIOR OF EXISTING BUILDING TO BE RELOCATED TO ACCOMMODATE NEW ADDITION. EXTEND AND MODIFY CIRCUIT AS NEEDED USING SAME GAUGE AND TYPE WIRE AS EXISTING.
- 3. DATA DROP ABOVE CEILING SERVING CAMERA. SEE CAMERA MOUNTING DETAIL. CONTRACTOR TO COORDINATE EXACT LOCATION IN THE FIELD WITH THE OWNERS/VENDOR.
- 4. PROVIDE (3) COMPARTMENT SURFACE RACEWAY TO RUN ALL THE FEEDER AND CIRCUITS. RACEWAY SHALL BE LEGRAND 5500 SERIES. PAINT TO MATCH ADJACENT FINISH. PROVIDE ALL TRANSITIONS.
- 5. CUT, PATCH AND PAINT ALL TO ACCOMMODATE NEW FEEDERS RUNS. ALL NEW CIRCUITS SHALL BE IN CONDUIT WITHIN WALL CAVITY. PROVIDE TRANSITION FROM RACEWAY TO CONDUIT. CUT, PATCH AND PAINT CEILING AS REQUIRED.
- 6. POWER FOR POINT OF USE WATER HEATER. COORDINATE HEIGHT WITH PLUMBING CONTRACTOR AND ARCHITECT PRIOR TO ROUGH IN.

KEYNOTES:

- 1
- 2
- 3
- 4
- 5
- 6

LIGHTING

- CEILING OUTLET AND LIGHTING FIXTURE AS SCHEDULED.
- ⊗ CEILING OUTLET AND EXIT LIGHT FIXTURE AS SCHEDULED.
- ⊕ WALL OUTLET AND EXIT LIGHT FIXTURE AS SCHEDULED.
- ↔ ARROWS INDICATE EGRESS EXIT SIGNAGE CHEVRON(S) REQUIRED.
- Ⓐ SYMBOL INDICATES FIXTURE TYPE WHEN SHOWN ON LIGHTING PLANS ADJACENT TO FIXTURE.
- Ⓛ LOWER CASE LETTERS AT OUTLETS INDICATES SWITCHING ARRANGEMENT.
- S SINGLE POLE 20A SWITCH. MOUNT 48" A.F.F. TO TOP, UNLESS NOTED OTHERWISE. SUBSCRIPT INDICATES TYPE.
LV = LOW VOLTAGE SIMILAR TO ACUITY nP0DM
MS = VACANCY SENSOR SIMILAR TO WSX-PDT
- ☀ WEATHER RATED WALL MOUNTED PHOTOCELL

GENERAL DEVICE SUBSCRIPTS

- *1,2,3* NUMBER AT OUTLET INDICATES CIRCUIT ARRANGEMENT.
- *GFI* INDICATES GROUND FAULT CURRENT INTERRUPTER DEVICE.

COMMUNICATIONS

- ▽ TELECOMMUNICATION LOCATIONS FOR REFERENCE ONLY. SUBSCRIPT INDICATES TYPE.
WP - CEILING MOUNTED WIRELESS ACCESS POINT.

POWER

- Ⓜ WALL OUTLET WITH 20A, 125V DUPLEX RECEPTACLE. MOUNT 18" A.F.F. TO BOTTOM, UNLESS NOTED OTHERWISE.
- Ⓢ WALL OUTLET WITH 20A, 125V DOUBLE DUPLEX (QUADRAPLEX) RECEPTACLE. MOUNT AT 18" A.F.F. TO BOTTOM UNLESS NOTED OTHERWISE.
- Ⓛ SPECIAL OUTLET AS NOTED. MOUNT 18" A.F.F. TO BOTTOM UNLESS NOTED OTHERWISE.
- Ⓛ 208Y/120V SURFACE MOUNTED PANELBOARD. DASH LINE INDICATES N.E.C. CLEARANCE.
- Ⓛ FUSIBLE DISCONNECT SWITCH. MOUNT 4'-6" A.F.F. TO CENTER, UNLESS NOTED OTHERWISE. DASH LINE INDICATES N.E.C. CLEARANCE.

RACEWAYS

- PHASE CONDUCTORS, NEUTRAL, GROUND
- CIRCUIT CONCEALED IN CEILING OR WALL. CROSSBARS INDICATE NUMBER OF CONDUCTORS REQUIRED. CONDUIT NOT SIZED IS 3/4". CONDUCTORS NOT SIZED ARE NO. 12.
- H1A-1,3 HOMERUN TO PANELBOARD INDICATED. NUMBER OF ARROWHEADS INDICATES CIRCUIT NUMBERS. PREFIX INDICATES PANEL NUMBER.
- ♦ EQUIPMENT POINT OF CONNECTION. VERIFY WITH EQUIPMENT PROVIDER AND/OR INSTALLER.

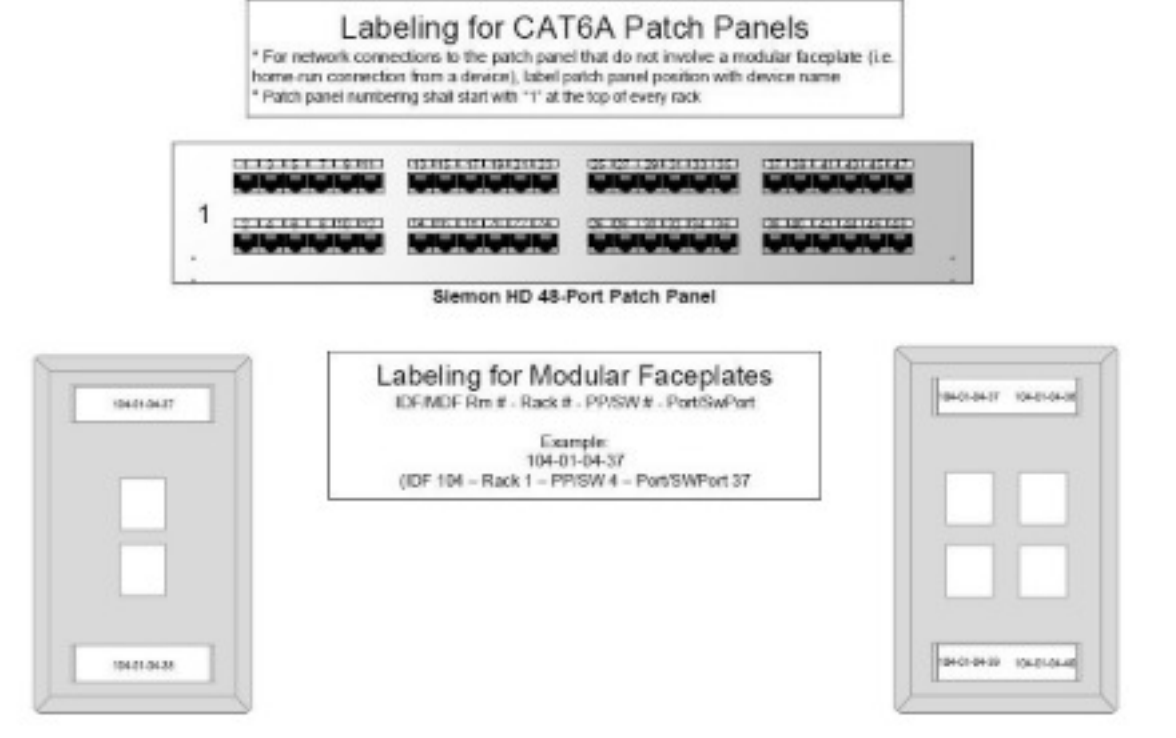
RACEWAYS

- Ⓛ FIRE ALARM SYSTEM VISUAL UNIT. WALL MOUNT AT 80" A.F.F. TO BOTTOM OF BOX.
- Ⓛ MANUAL FIRE ALARM ADDRESSABLE PULL STATION. MOUNT 44" A.F.F. TO BOTTOM OF BOX.

LIGHTING FIXTURE SCHEDULE

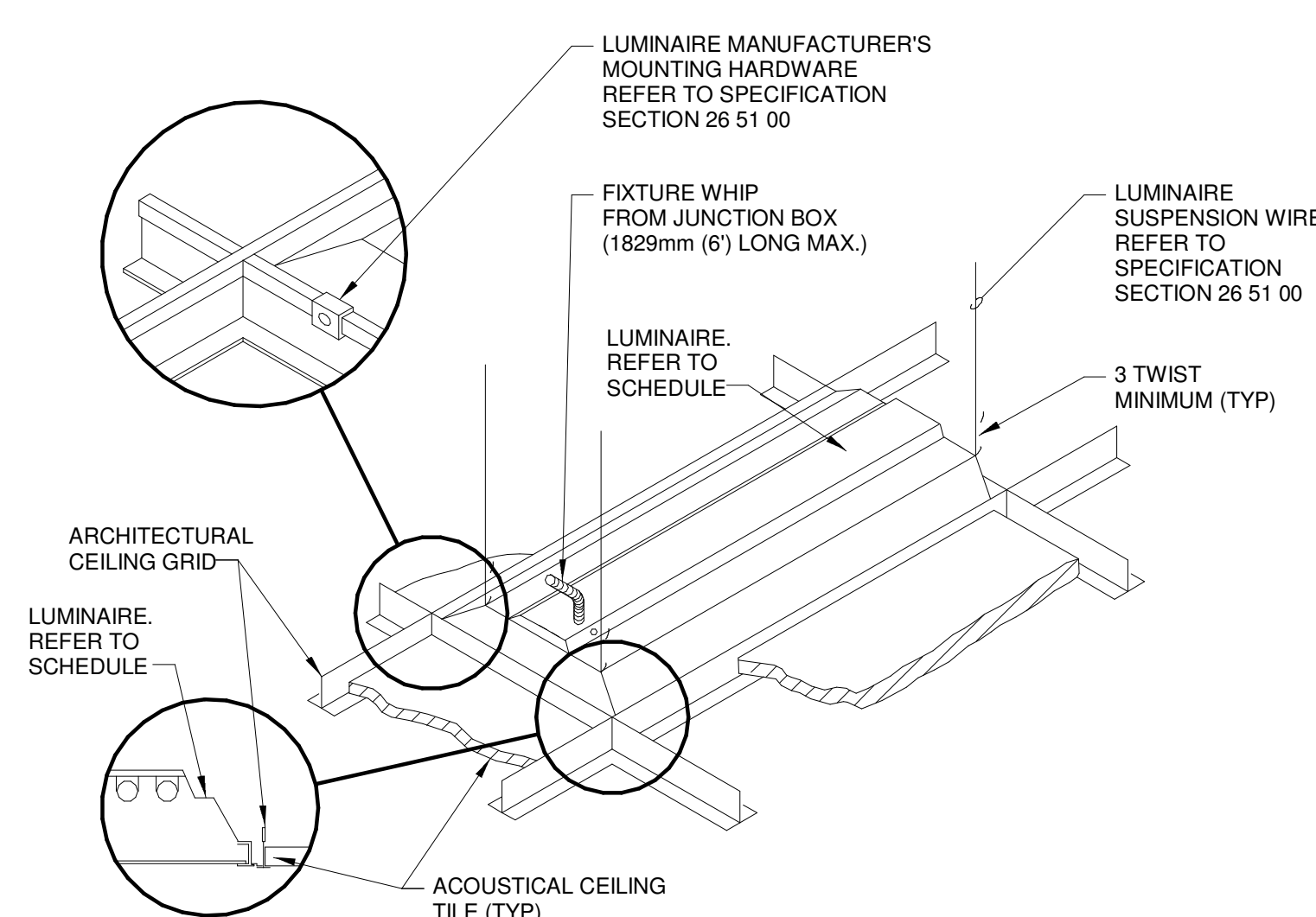
TYPE	DESCRIPTION	MANUFACTURER	SERIES	LAMP			BALLAST / DRIVER	VOLTAGE	MOUNTING	
				TYPE	NO.	LUMENS				
A	SURFACE MOUNTED 2x4' LED TROFFER WITH SMOOTH WHITE METAL FRAME	RAB	SMP2X4-DLS01272	LED	--	6253	55	0-10V, DIMMING TO 1%	120/277	LAY-IN
A1	SAME AS TYPE "A" FIXTURE WITH EMERGENCY BATTERY BACKUP.	RAB	SMP2X4-DLS01272	LED	--	6253	55	0-10V, DIMMING TO 1%	120/277	LAY-IN
B	6" UL LISTED WET LOCATION RECESSED DOWNLIGHT WITH EMERGENCY BATTERY BACKUP.	LITHONIA	LDN6/35/15/L06/WR/LSS/TRW/MVOLT/E10E WCP	LED	--	1514	17.5	-	MVOLT	RECESSED
C	2' LED STRIP FIXTURE, 3500 LUMENS, 4000K.	LITHONIA	ZL1N L24 3500LM FST 40K 80CR	LED	--	3500	34	0-10V, DIMMING TO 1%	MVOLT	SURFACE
E	SINGLE FACED DIE CAST ALUMINUM LED EGRESS EXIT SIGN WITH WHITE HOUSING, WHITE FACE, AND RED STENCIL LETTERS. WITH EMERGENCY BATTERY BACKUP	LITHONIA	LVS-W-1-R-120/277-ELN	LED	--		1.5	--	120V	UNIVERSAL

Rowan University Network Labeling Conventions



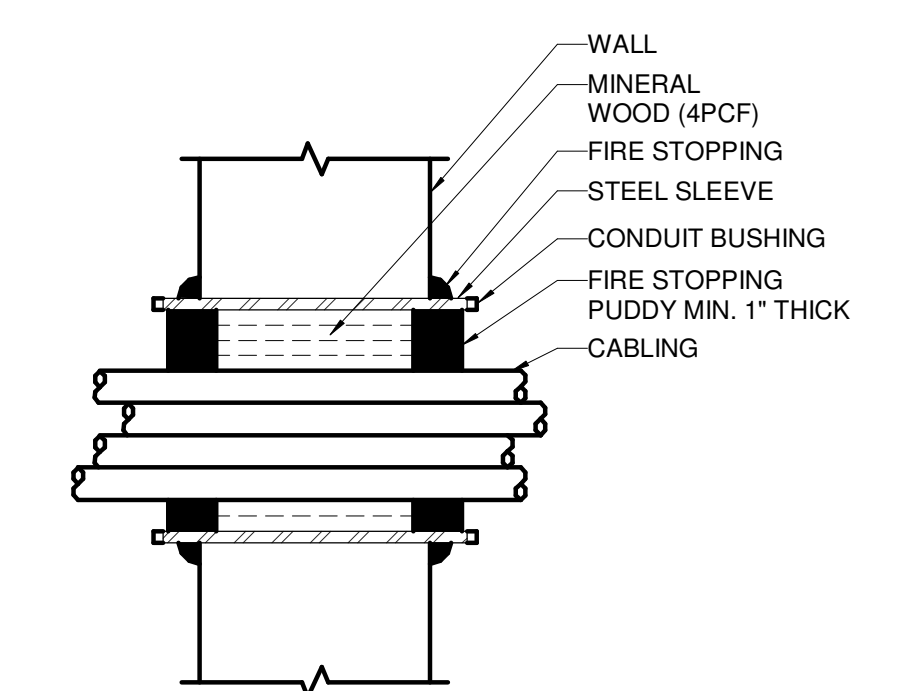
NETWORK CABLING STANDARDS

- Copper Cabling Standard**
 - Siemon part #9U6P4A5-05R1ARU category 6A UTP plenum rated cable, yellow jacket, labeled with "Rowan University" and production date
 - Installation must be completed by a Siemon certified installer.
 - Only Certified Installer companies can offer an extended 30-year system warranty from The Siemon Company covering products, performance, and applications assurance.
- MDF/IDF Acceptance Testing:**
 - Unshielded Twisted Pair Cable: tested with industry standard tester and provided to IS-Networking within 5 days of completing termination of cable
 - All testers must provide a certificate of calibration less than one year old from the date of the last test proved to Rowan University. The certificate must indicate: owner, make, model and serial number of said tester
 - Copies of Warranty application shall be provided to IS-Networking within 10 business days of the "room ready" date. Manufacturer's warranty shall be provided within 30 days of the "room ready" date. A "D" sized Laminated As-Built shall be supplied within 10 days of "room ready" using the floor plans as the underlay with telecommunication symbols and faceplate Id's Laminates shall be mounted on the inside of the MDF or IDF.
- Labeling Standard 606**
 - Closet-Rack-Panel-Port (example; 102-01-03-32 corresponds to IDF102, Rack 1, Panel 3, Port 32) with leading zeroes for single-digit designations.
 - Patch panels shall be clearly labeled in black type on white label with odd numbers on top, even numbers on bottom to correspond to Cisco port mapping.
 - Patch panel numbering shall start with "1" at the top of every rack
- Surveillance Cameras**
 - All identified surveillance camera locations receive one network jack
- Connectivity**
 - All connectivity shall be manufactured by the Siemon company



GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

7 LUMINAIRE MOUNTING - LAY-IN CEILING DETAIL
SCALE: NONE



6 CABLING WITH SLEEVE PENETRATION DETAIL INTERIOR RATED WALL
SCALE: NONE

Architect:



Consultants:



Seal:

Project:

ROWAN UNIVERSITY

ROWAN EPA - LAUNDRY ROOMS

400 EDGEWOOD DRIVE,
GLASSBORO, NJ 08028

Issue Date: 12/19/2024

Revision Schedule

No.	Date	Drawn By	Description

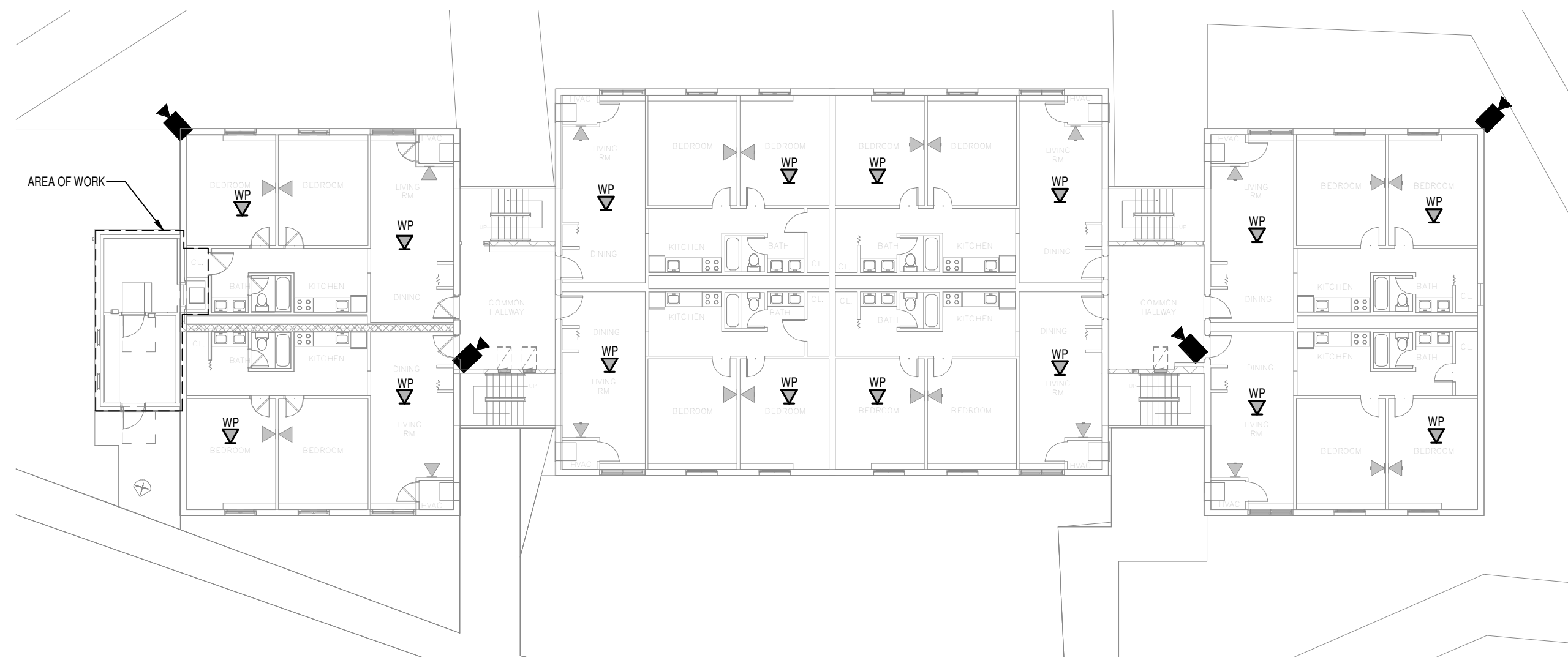
The Contractor on site shall verify all dimensions and existing conditions. The contractor is required to perform all work in compliance with applicable codes and regulations of governing authorities having jurisdiction.
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Sheet Title and No.
BUILDING 200- FIRST FLOOR ELECTRICAL PLANS

E100

Project No.: 23280
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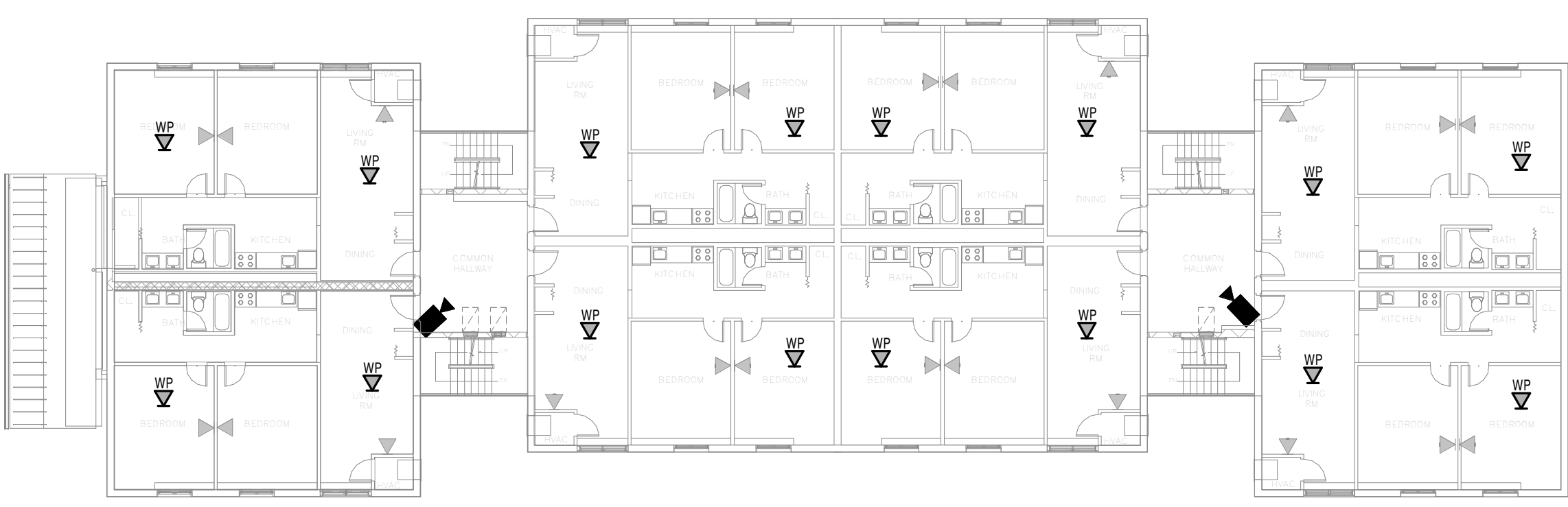
GENERAL NOTES:

- A. TELECOMMUNICATION DEVICES, WIRELESS ACCESS POINTS AND CAMERAS ARE SHOWN AS REFERENCE ONLY.
- B. EXISTING SINGLE LENS CAMERA ON MAGNOLIA HALL (NOT SHOWN) TO BE REPLACE WITH 4 LENS MULTI SENSOR

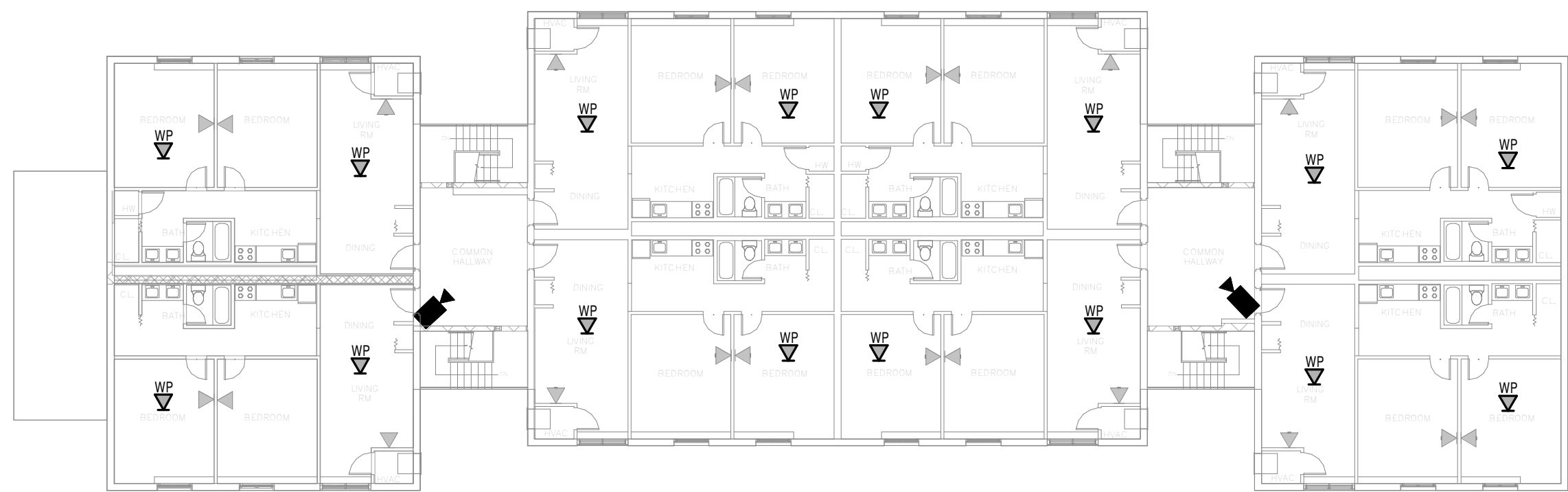
KEYNOTES:

- 1. EXISTING CAMERA TO BE REMOVED IN SUCH A MANNER THAT IT MAY BE RELOCATED TO NEW LOCATION.
- 2. EXISTING RELOCATED CAMERA. CONTRACTOR TO VERIFY NEW LOCATION WITH OWNER PRIOR TO ROUGH IN. EXTEND AND MODIFY EXISTING CIRCUIT AS NEEDED USING SAME GAUGE AND TYPE WIRE AS EXISTING.

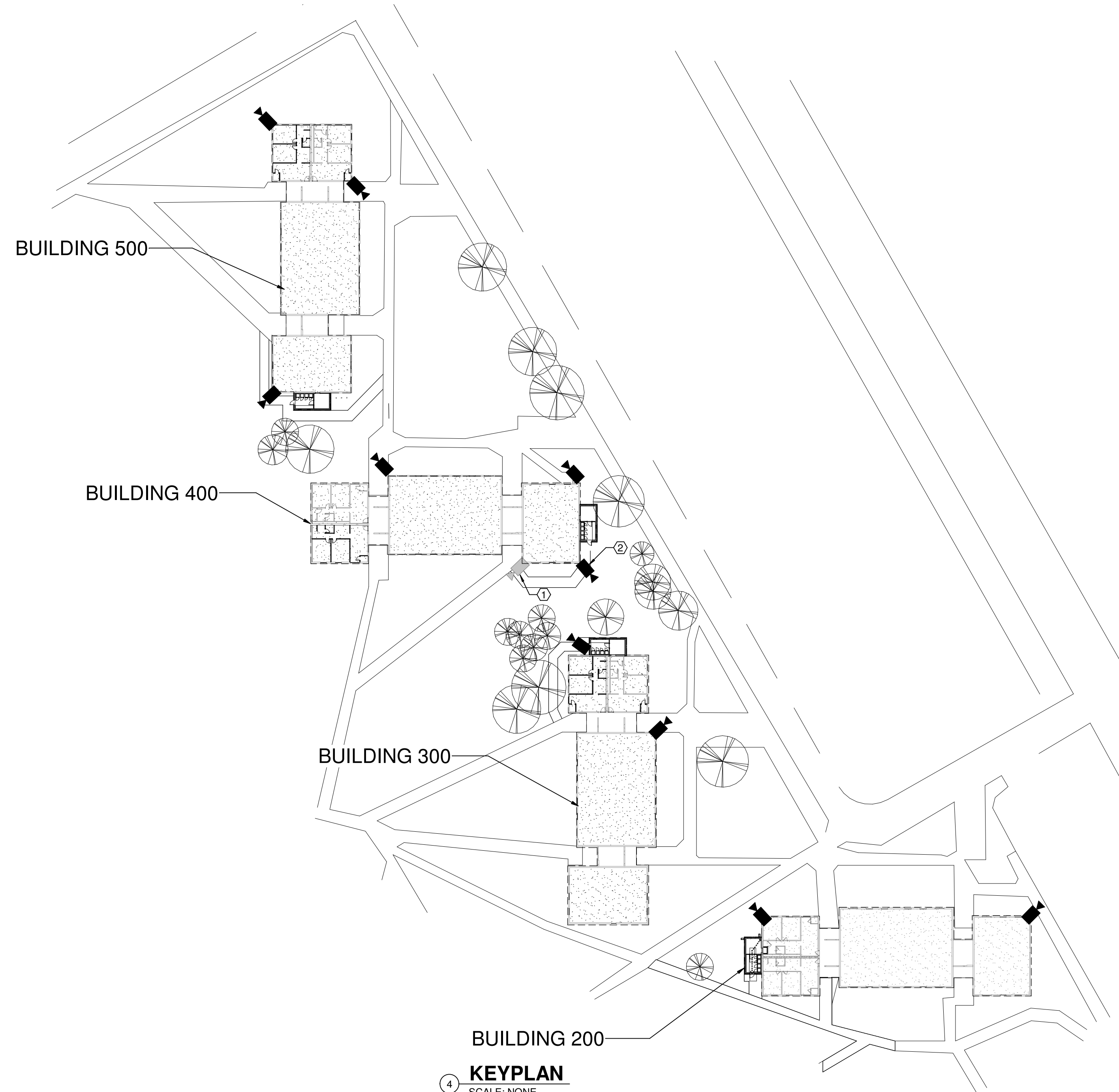
1 **TYPICAL FIRST FLOOR TELECOMMUNICATIONS PLAN (200 BUILDING SHOWN)**
SCALE: 1/16" = 1'-0"
(TYPICAL FOR BUILDINGS 200 & 300, MIRRORED FOR BUILDING 400 & 500)



2 **TYPICAL SECOND FLOOR TELECOMMUNICATIONS PLAN (200 BUILDING SHOW)**
SCALE: 1/16" = 1'-0"
(TYPICAL FOR BUILDINGS 200 & 300, MIRRORED FOR BUILDING 400 & 500)



3 **TYPICAL THIRD FLOOR TELECOMMUNICATIONS PLAN (200 BUILDING SHOWN)**
SCALE: 1/16" = 1'-0"
(TYPICAL FOR BUILDINGS 200 & 300, MIRRORED FOR BUILDING 400 & 500)



4 **KEYPLAN**
SCALE: NONE

Branch Panel: FAPP											
Location:				Volts: 120/208 Wye				Mains Type: Main Circuit Breakers			
Supply From:				Phases: 3				Mains Rating: 225 A			
Mounting: Recessed				Wires: 4							
Enclosure:				A.I.C. Rating:							
Notes:											
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	EXISTING FIRE ALARM CONTROL PANEL	30 A	3	0 VA	200 VA			1	20 A	RECEP - LAUNDRY ROOM 201	2
3	--	--	--		0 VA	200 VA		1	20 A	RECEP - LAUNDRY ROOM 201	4
5	--	--	--		0 VA	0 VA		1	20 A	RECEP - LAUNDRY ROOM 201	6
7	EXISTING PARKING LOT LIGHTS	20 A	1	0 VA	0 VA			3	30 A	RECEP - IRT ROOM 202	8
9	RECEP - LAUNDRY ROOM 201	30 A	2		0 VA	0 VA		--	--	--	10
11	--	--	--					2	30 A	CU-1	14
13	RECEP - IRT ROOM 202	20 A	1	800 VA	1300 VA			2	20 A	WATER HEATER	18
15	HP-2	30 A	2		1300 VA	1300 VA		--	--	--	20
17	--	--	--					1	20 A	--	22
19	RECEP - IRT ROOM 502*	20 A	1	400 VA							24
21											
23											
Total Load:				2700 VA	2800 VA	1700 VA					
Total Amps:				24 A	25 A	14 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	5200 VA	100.00%	5200 VA	
Receptacle	2000 VA	100.00%	2000 VA	
				Total Conn. Load: 7200 VA
				Total Est. Demand: 7200 VA
				Total Conn. Current: 20 A
				Total Est. Demand Current: 20 A

Notes:
*THIS APPLIES TO BUILDING 500 ONLY.

Architect:
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Consultants:
BCCLT
CONSULTING ENGINEERS

Seal:

Project:
ROWAN UNIVERSITY

ROWAN EPA - LAUNDRY ROOMS

400 EDGEWOOD DRIVE,
GLASSBORO, NJ 08028

Issue Date: 12/19/2024

Revision Schedule			
No.	Date	Drawn By	Description

The Contractor on site shall verify all dimensions and existing conditions. The contractor is required to perform all work in compliance with applicable codes and regulations of governing authorities having jurisdiction.

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Sheet Title and No.
**BUILDING 200
TELECOMMUNICATIONS
PLAN**

E200

Project No.: 23280
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Architect:



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Seal:

Project:

ROWAN UNIVERSITY

ROWAN EPA - LAUNDRY ROOMS

**400 EDGEWOOD DRIVE,
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Issue Date: 12/19/2024

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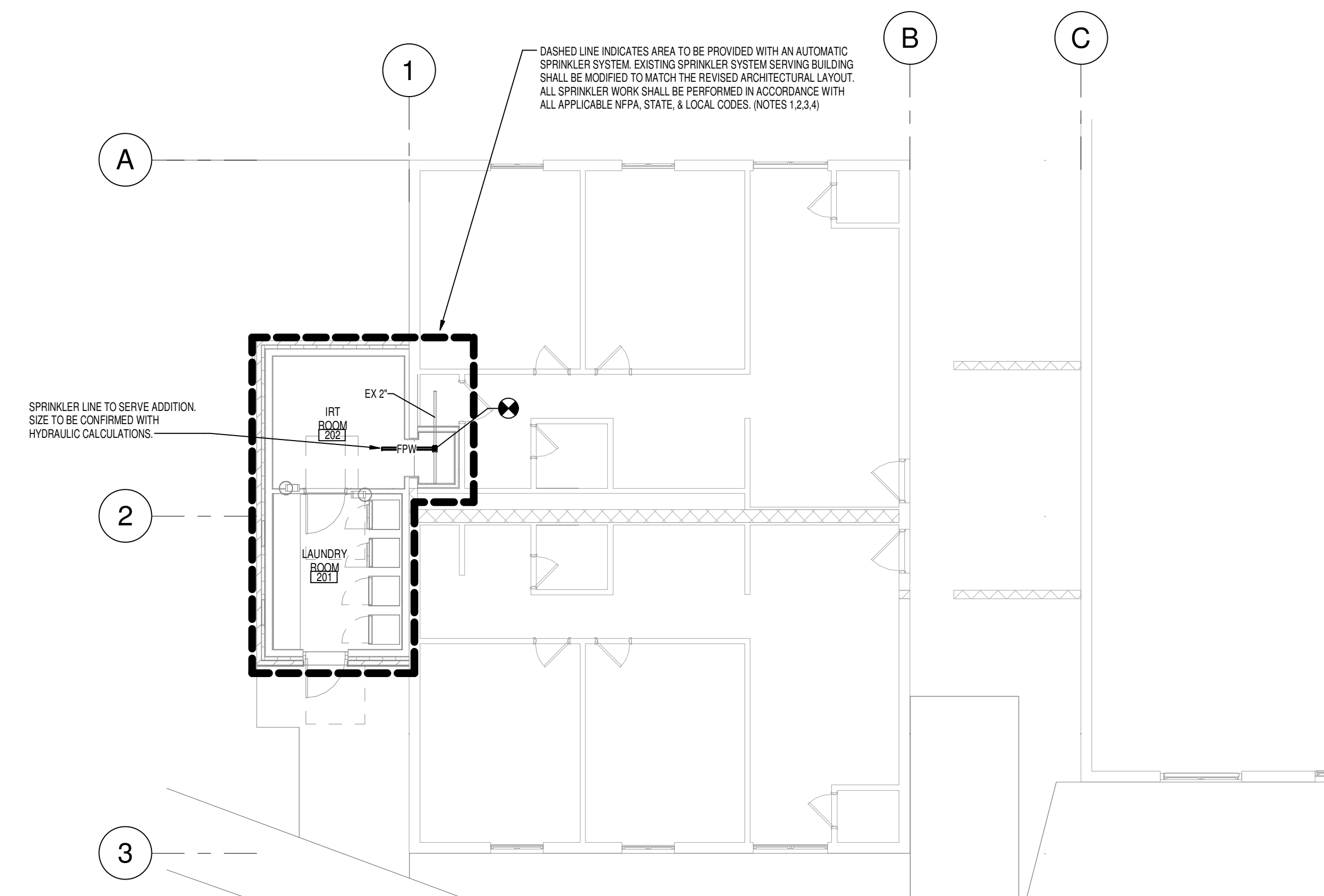
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Sheet Title and No.
FIRE PROTECTION PLAN

FP100

Project No.: 23280
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1 BUILDING 200 FIRST FLOOR FIRE PROTECTION PLAN (TYPICAL OF FOUR)

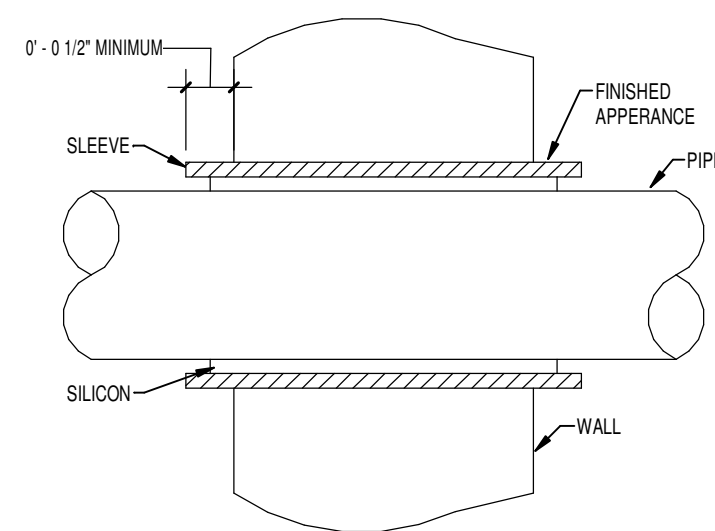
SCALE: 1/8" = 1'-0"

FIRE PROTECTION NOTES:

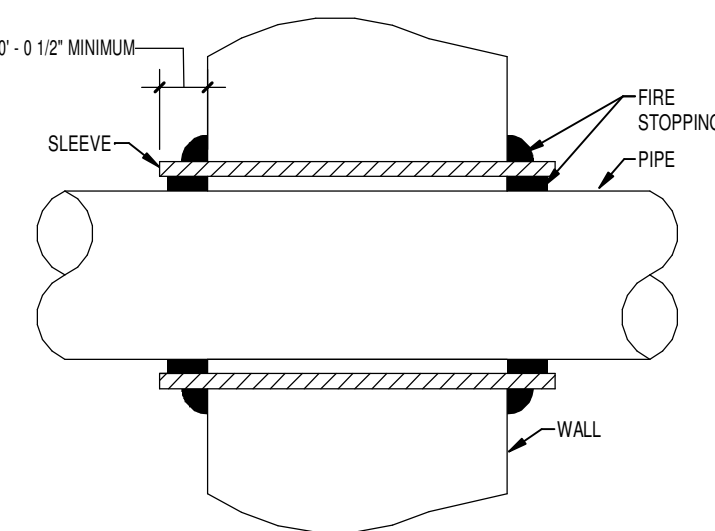
- A. PROVIDE RECORD FLOW TEST PRIOR TO PREPARING SHOP DRAWINGS AND HYDRAULIC CALCULATIONS. CONTRACTOR SHALL PROVIDE THE FIRE SUPPRESSION DESIGN CRITERIA FORM AS PART OF THEIR STATE SUBMITTAL.
- B. COORDINATE INSTALLATION OF ALL SYSTEMS WITH MECHANICAL (HVAC), PLUMBING, AND ELECTRICAL SYSTEMS. CEILING CAVITY SPACE IS RESTRICTED AND INSTALLATION OF DUCTWORK SHALL TAKE PRIORITY OVER ALL OTHER TRADES. NO EXTRA COMPENSATION WILL BE ALLOWED TO COVER THE COST OF RELOCATING SYSTEMS FOUND ENCRoACHING ON SPACE REQUIRED BY MECHANICAL, PLUMBING, OR ELECTRICAL SYSTEMS.
- C. PIPING ARRANGEMENT AND SPRINKLER LOCATIONS ARE DIAGRAMMATIC AND ARE PROVIDED FOR THE CONTRACTOR'S INFORMATION. EXACT ROUTING OF PIPING AND FINAL SIZING AND LOCATION OF SPRINKLERS SHALL BE SELECTED BY THE CONTRACTOR TO ACCOUNT FOR ACTUAL FIELD CONDITIONS. ALL AREAS SHALL BE PROTECTED UNLESS SPECIFICALLY NOTED OTHERWISE. COORDINATE INSTALLATION WITH CEILING HEIGHTS AND SOFFITS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- D. EXTENDED COVERAGE SPRINKLERS MAY BE UTILIZED. THE USE OF EXTENDED COVERAGE SHALL BE CONFIRMED BY HYDRAULIC CALCULATIONS.
- E. PIPING SHALL BE CONCEALED IN ALL FINISHED AREAS.
- F. THIS BUILDING SHALL BE CONSIDERED LIGHT/ORDINARY HAZARD OCCUPANCY WITH EXCEPTIONS PER NFPA 13, STATE, AND LOCAL CODES. DESIGN DENSITIES SHALL BE IN ACCORDANCE WITH THE OWNER'S INSURANCE UNDERWRITER.
- G. INSTALL SPRINKLER MAINS AS HIGH AS POSSIBLE IN CEILING CAVITIES. SOME BRANCH LINES WILL REQUIRE ARM OVERS TO SUPPLY SPRINKLERS BELOW DUCTWORK. REFER TO MECHANICAL DRAWINGS AND COORDINATE WITH THE MECHANICAL CONTRACTOR.
- H. SPRINKLER PIPING SHALL BE SCHEDULE 10 STEEL FOR PIPING THAT IS 2-1/2" OR LARGER. PROVIDE SCHEDULE 40 STEEL PIPING FOR 2" AND SMALLER UNLESS OTHERWISE NOTED. THINWALL, LIGHTWALL, PRO-PRESS TYPE PIPING/FITTINGS WILL NOT BE ALLOWED.
- I. PROVIDE PIPE LABELS FOR ALL SPRINKLER PIPING. LABELS SHALL READ "FIRE PROTECTION PIPING".
- J. PROVIDE SEMI-RECESSED SPRINKLERS IN ADDITION.

FIRE PROTECTION NOTES:

1. CONTRACTOR MAY RE-USE EXISTING SPRINKLER PIPING UNLESS THE EXISTING SPRINKLER PIPING IS FOUND TO BE ENCRoACHING ON SPACE REQUIRED BY OTHER DISCIPLINES IN WHICH CASE THE EXISTING SYSTEM PIPING SHALL BE REMOVED TO MAKE ROOM FOR MECHANICAL (DUCTWORK), PLUMBING AND ELECTRICAL SYSTEMS INSTALLATION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING/UPGRADING ANY EXISTING PIPING IN THIS AREA AS REQUIRED TO INSTALL NEW SPRINKLERS IN THE ADDITION.
3. EXISTING SPRINKLER SYSTEMS OUTSIDE THE LIMITS OF THIS PROJECT SHALL REMAIN ACTIVE AT ALL TIMES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY TEMPORARY CONNECTIONS. IF SHUT-DOWN IS REQUIRED REFER TO NOTE 4.
4. ANY REQUIRED SPRINKLER SYSTEM SHUT-DOWN SHALL BE COORDINATED WITH THE OWNER. CONTRACTOR SHALL PROVIDE OWNER WITH AT LEAST ONE WEEK NOTICE PRIOR TO SHUTDOWN. AREAS IMPACTED BY THE SHUT-DOWN SHALL BE REQUIRED TO PERFORM FIRE-WATCHES UNTIL REVISED SYSTEM IS BROUGHT BACK ON-LINE. THE SPRINKLER SYSTEM SHALL BE ON-LINE AT THE END OF EACH DAY WHEN THE CONTRACTOR LEAVES THIS SITE.

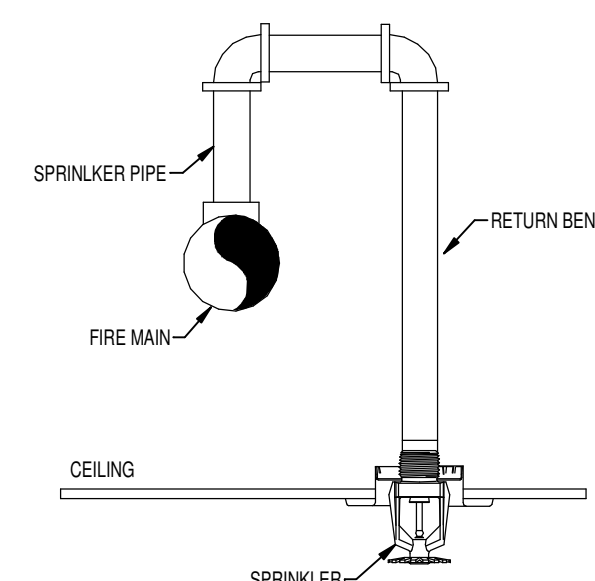


INTERIOR NON-RATED WALL SLEEVE DETAIL

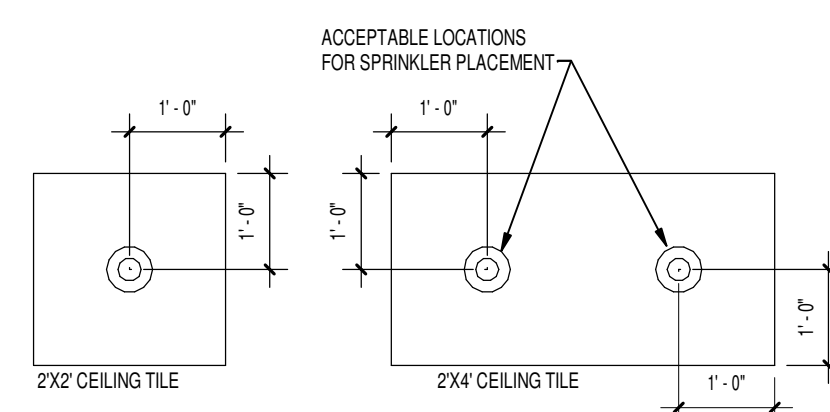


INTERIOR RATED WALL PIPE SLEEVE DETAIL

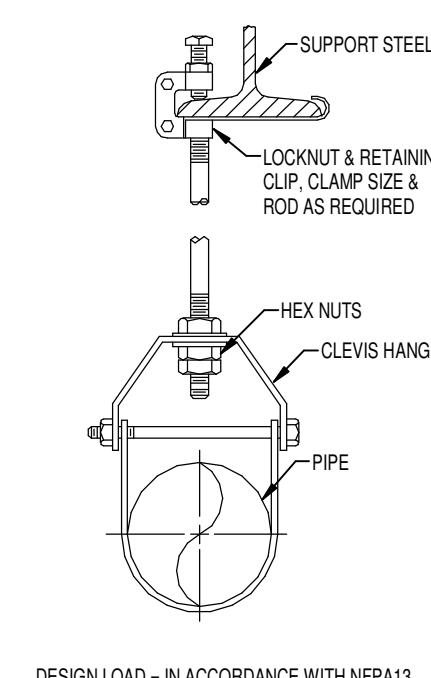
4 PIPE SLEEVE DETAIL
SCALE: NONE



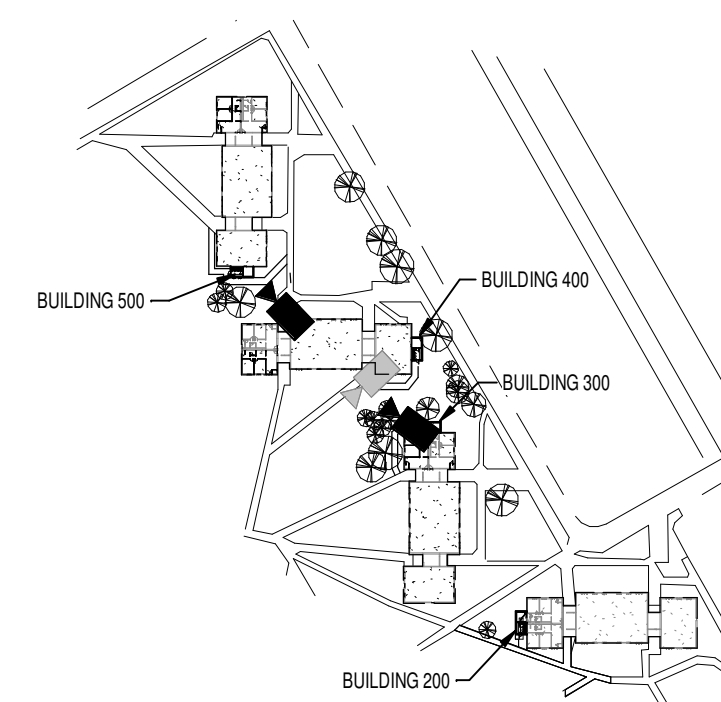
5 RETURN BEND DETAIL
SCALE: NONE



6 SPRINKLER HEAD PLACEMENT
SCALE: NONE



7 UNINSULATED PIPE SUPPORT DETAIL
SCALE: NONE



8 KEYPLAN
SCALE: NONE

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