

RESTROOM ADDITION AT PERE MARQUETTE PARK FOR

CITY OF MUSKEGON

3510 CHANNEL DRIVE, MUSKEGON, MI

ARCHITECT'S PROJECT # 0404-15

PERMITS & CONSTRUCTION

NOVEMBER 07, 2018

ABBREVIATIONS

ABOVE FINISH FLOOR	AFF	GALVANIZED	GALV	QUARRY TILE	QT
ACOUSTICAL TILE	ACT	GAUGE	GA		
ADJACENT	ADJ	GLASS	GL		
AIR ADMITTANCE VALVE	AAV	GRADE	GR	RADIUS	R
ALUMINUM	AL	GYPSUM BOARD	GYP BD	REFRIGERATOR	REFRIG
AMERICAN DISABILITIES ACT	ADA	GLAZED MASONRY UNIT	GMU	REINFORCEMENT	REINF
ANODIZED	ANOD.			REQUIRED	REQ'D
APPROXIMATELY	APPROX			ROOF DRAIN	RD
AREA DRAIN	AD	HAND DRYER	HD	ROOF VENT	RV
AT	@	HANDICAPPED	HDGP	ROOM	RM
		HARDWOOD	HDWD	ROUGH OPENING	RO
		HEATING	HTG	RUBBER FLOOR TILE	RFT
		HEATING VENTILATION AND AIR CONDITIONING	HVAC		
		HEIGHT	HT	SANITARY SECTION	SAN SECT
BASEMENT	BSMT	HIGH POINT	HP	SHEET	SHT
BEARING	BRG	HIGHWAY	HXY	SHEET METAL	SHT MTL
BENCH MARK	BM	HOLLOW METAL	HM	SIMILAR	SIM
BETWEEN	BTWN	HORIZONTAL	HORIZ	SIMILAR TO	SIM TO
BARRIER FREE	B.F.	HOT WATER	HWN	SMART BOARD	SB
BLOCK	BLK	HOT/COLD WATER	HGW	SPECIFICATION	SPEC
BOARD	BD			SQUARE	SQ
BOTTOM OF	B.O.	INCLUDE	INCL	STAINLESS STEEL	SS
BOTTOM OF STEEL BUILDING	B.O.S. BLDG	INFORMATION	INFO	STANDARD	STD
		INSIDE DIMENSION	ID	START POINT	SP
		INSULATION	INSUL	STEEL	STL
				STORAGE	STOR
CABINET	CAB			STRUCTURAL	STRUCT
CARPET	CPT	JANITOR	JAN	SUSPENDED	SUSP
CATCH BASIN	CB	JANITOR CLOSET	JC		
CEILING	CLG	JOINT	JT	TACK BOARD	TB
CENTER LINE	CL	JOIST	JST	TEMPERED	TEMP
CLEAN OUT	CO			TONGUE & GROOVE	T & G
COLD WATER	CW	LAMINATE	LAM	TOP OF FOOTING	T.O. FTG
COLUMN	COL	LINEAR	LIN	TOP OF FOUNDATION	T.O. FND
CONCRETE	CONC	LONG LEG VERTICAL	LLV	TOP OF STEEL	T.O.S.
CONCRETE MASONRY UNIT	CMU	LOW POINT	LP	TOP OF WALL	T.O.W.
CONTINUOUS	CONT	LOWER LEVEL	LL	THICK	THK
CONTROL JOINT	C.J.			THROUGH	THRU
CUBIC	CU			TYPICAL	TYP.
		MAN HOLE	MH	UNDERWRITER'S LABORATORY	UL
		MANUFACTURER	MFR	UNLESS NOTED OTHERWISE	UNO
		MARKER BOARD	MB		
		MASONRY OPENING	MO	VENT THROUGH ROOF	VTR
		MAXIMUM	MAX	VENTILATION	VENT
		MECHANICAL	MECH	VERIFY IN FIELD	V.I.F.
		METAL	MTL	VERTICAL	VERT
		MINIMUM	MIN	VINYL COMPOSITE TILE	VCT
		MISCELLANEOUS	MISC	VINYL WALL COVERING	VWC
		MOUNTED	MTD	VOLUME	VOL
		NOMINAL	NOM	WALL CLEAN OUT	W.C.O.
		NOT IN CONTRACT	NIC	WELDED WIRE FABRIC	WWF
		NUMBER	NUM	WELDED WIRE MESH	WWM
				W/	W/
		ON CENTER	O.C.	WITHOUT	WO
		OPENING	OPN	WOOD	WD
		OPPOSITE	OPP	WOLMANIZED	WOLM
		OPPOSITE HAND	O.H.	WORK POINT	WP
		OUTSIDE DIAMETER	OD		
		OVER HEAD DOOR	OHD		
				YARD CLEAN OUT	Y.C.O.
		PAIR	PR		
		PLASTER CEMENT	PLSC		
		PLASTER GYPSUM	PLSG		
		PLATE	PLT		
		PLYWOOD	PLND		
		PORCELAIN CERAMIC TILE	PCT		
		PRESSURE TREATED	PT		

ALTERNATES:

ALTERNATE 01: EXISTING PLUMBING FIXTURES

- REPLACE ALL EXISTING PLUMBING FIXTURES IN THE MEN'S AND WOMEN'S RESTROOMS
- 1. WATER CLOSETS: REPLACE ALL WATER CLOSETS W/ SIMILAR SPECIFIED ON SHEET P1.01, FLUSH VALVES TO REMAIN (REPLACE CARRIER, IF NEEDED)
- 2. LAVATORIES: REPLACE ALL LAVATORIES AND FAUCETS W/ SIMILAR SPECIFIED ON SHEET P1.01
- 3. REPLACE (1) URINAL, KOHLER K-49T2-ER, ADA URINAL (MATCH ADJACENT, TO REMAIN), FLUSH VALVE TO REMAIN (REPLACE CARRIER, IF NEEDED)
- PATCH / REPAIR MASONRY WALLS AS NEEDED FOR INSTALLATION OF NEW FIXTURES, AND PREPARE FOR NEW FINISHES

ALTERNATE 02: STANDING SEAM METAL ROOF

- REPLACE NEW SHINGLED ROOF W/ STANDING SEAM METAL ROOF W/ CONCEALED FASTENERS
- 1. PROVIDE NEW FLASHING, CAP, DRIP AND TRIM PIECES AS NEEDED FOR METAL ROOF
- 2. METAL ROOF SHALL BE INSTALLED IN ACCORDANCE W/ HIGH WIND INSTALLATION METHODS, COORDINATE WITH MANUFACTURER TO MAINTAIN WARRANTY.

ALTERNATE 03: LED LIGHTING

- REPLACE ALL EXISTING LIGHTING FIXTURES W/ COMPARABLE LED RETROFIT FIXTURES
- 1. FIXTURE TYPE 'A-EXIST' = FIXTURE TYPE 'A'
- 2. FIXTURE TYPE 'B-EXIST' = LITHONIA LDNRV 40/35 LED RETROFIT (E.C. TO CONFIRM COMPATIBILITY WITH EXISTING FIXTURES)
- 3. FIXTURE TYPE 'C-EXIST' = TO REMAIN

ALTERNATE 04: FINISHES

- REFINISH / PAINT ALL EXISTING SURFACES, AS FOLLOWS:
- 1. EXTERIOR: PAINT ALL EXISTING EXTERIOR SURFACES INCLUDING BLOCK, SOFFIT, FASCIA, TRIM, ATRIUM WOOD, DOORS, GABLE ENDS, ETC. (COLORS TO BE SELECTED BY OWNER)
- 2. INTERIOR: PATCH & PAINT ALL EXISTING INTERIOR SURFACES IN WOMEN'S RESTROOM AND MEN'S RESTROOM, INCLUDING CEILINGS AND WALLS (COLORS TO BE SELECTED BY OWNER)

INDEX OF DRAWINGS

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A1.01	FLOOR PLAN & EXTERIOR ELEVATIONS
A2.01	BUILDING SECTIONS & INTERIOR ELEVATIONS
MECHANICAL / ELECTRICAL / PLUMBING	
P1.01	ELECTRICAL POWER PLANS, PLUMBING PLANS & SCHEDULES

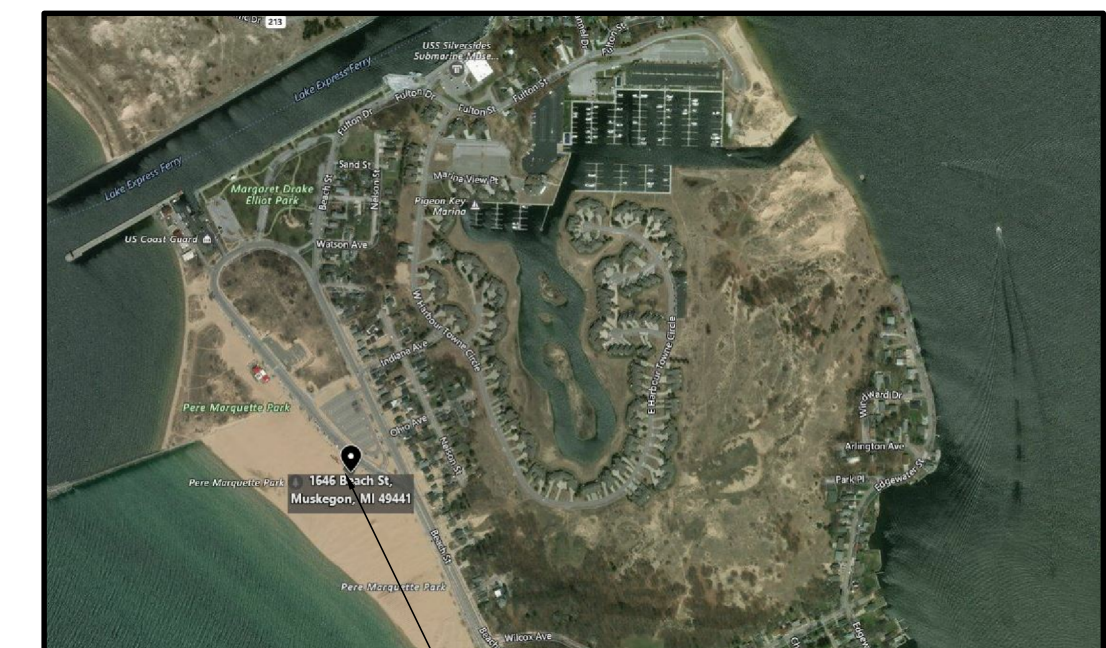
CODE REVIEW NOTES

BUILDING: 2015 MICHIGAN BUILDING CODE
 MECHANICAL: 2015 MICHIGAN MECHANICAL CODE
 PLUMBING: 2015 MICHIGAN PLUMBING CODE
 ELECTRICAL: 2014 NATIONAL ELECTRICAL CODE
 BARRIER FREE: ICC/ANSI A117.1-2009
 FIRE CODE: 2015 INTERNATIONAL FIRE CODE
 ENERGY CODE: ASHRAE 90.1-2013

BUILDING DATA:

BUILDING USE GROUP = U
 CONSTRUCTION TYPE = 5B
 ALLOWABLE AREA = 5,400 S.F.
 ACTUAL AREA = 2,176 S.F. (INCLUDES OPEN AREA)
 OCCUPANT LOAD MAX. =
 STORAGE (EXIST) = 1 FPL
 CONCESSION (EXIST) = 7 FPL
 WOMENS RR (EXIST) = 10 FPL
 MENS RR (EXIST) = 10 FPL
 FAMILY RR (NEW) = 4 FPL
 FAMILY RR (NEW) = 4 FPL
 TOTAL OCC. = 36 TOTAL
 NUMBER OF EXITS = 1 REQUIRED / 1 PROVIDED PER SPACE
 FIRE SUPPRESSION = NOT REQUIRED / NOT PROVIDED
 ENERGY CODE -
 - ENVELOPE NOT CONSIDERED, BUILDING TO BE SEASONAL AND UNHEATED / UNCOOLED
 - LIGHTING MEETS STANDARD FOR WATTAGE CONSUMPTION
 - MECHANICAL SYSTEMS NOT CONSIDERED, NONE BEING UTILIZED

SITE LOCATION MAP

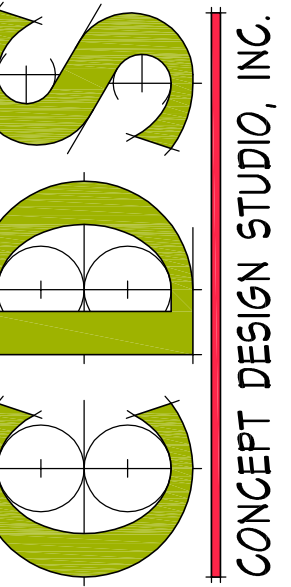


CIVIL ENGINEER

WESTSHORE CONSULTING
 (SEE ADDITIONAL DRAWINGS)

2534 BLACK CREEK ROAD
 MUSKEGON, MI 49444
 P. 231.777.3447 F. 231.773.3453

CONCEPT DESIGN STUDIO, INC.
 800 E. ELLIS ROAD, SUITE 508
 NORTHON SHORES, MI 49441
 PH. (231) 799-4838
 FAX (231) 799-4837



RESTROOM ADDITION AT PERE MARQUETTE PARK FOR
CITY OF MUSKEGON
 3510 CHANNEL DRIVE MUSKEGON, MICHIGAN

PROJECT # 0404-15

ISSUANCES

OWNER REVIEW 05.05.2018

PERMITS & CONSTRUCTION 11.07.2018

REVISIONS

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SHEET TITLE

TITLE SHEET

SHEET NO.

T1.01

FOUNDATION NOTES

1. ALL TRADES SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING OF CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY ALERT THE ARCHITECT OF ANY CONDITIONS THAT ARE CONTRARY TO THAT SHOWN ON THE DRAWINGS.
2. CONTRACTOR SHALL USE ALL REINFORCING MESH AND REINFORCING BARS THAT ARE FREE OF RUST AND IMPERFECTIONS.
3. ALL EXTERIOR WALKWAYS AND SLABS SHALL HAVE CONTROL JOINTS THAT DO NOT EXCEED 6'-0" IN ANY HORIZONTAL OR VERTICAL DIRECTION AND EXPANSION JOINTS THAT DO NOT EXCEED 30'-0" IN ANY HORIZONTAL OR VERTICAL DIRECTION. ALL INTERIOR EXPANSION AND CONTROL JOINTS ARE INDICATED ON DRAWINGS.
4. ANY DIMENSION OR AREAS THAT ARE UNCLEAR ON THE DRAWINGS SHALL BE CLARIFIED BY THE SITE SUPERINTENDENT OR THE ARCHITECT. UNDER NO CIRCUMSTANCES SHALL THE SCALING OF DRAWINGS OR OTHER SIMILAR METHODS BE USED TO OBTAIN A VERIFIABLE DIMENSION.
5. ALL INTERIOR AND EXTERIOR CONCRETE SLABS SHALL BE ON CLEAN COMPACTED SAND BASE.
6. FLOOR SLABS ON GRADE SHALL BE A MINIMUM OF 6" THICK CONG. 4,000 PSI WITH 6x6 W/M AS NOTED ON THE PLANS.

STRUCTURAL NOTES

DESIGN VALUES:
 CONCRETE 4,000 PSI (FLOORS) AT 28 DAYS
 3,000 PSI (FOUNDATIONS & GRADE WALLS) GRADE 60

REINFORCING
 STRUCTURAL STEEL HSS SECTIONS $F_y = 46$ KSI
 STEEL BOLTS A325
 MIS. ANGLES, PLATES $F_y = 36$ KSI

FOLLOW ACI, CRSI, SJI AND LOCAL CODES AND STANDARDS

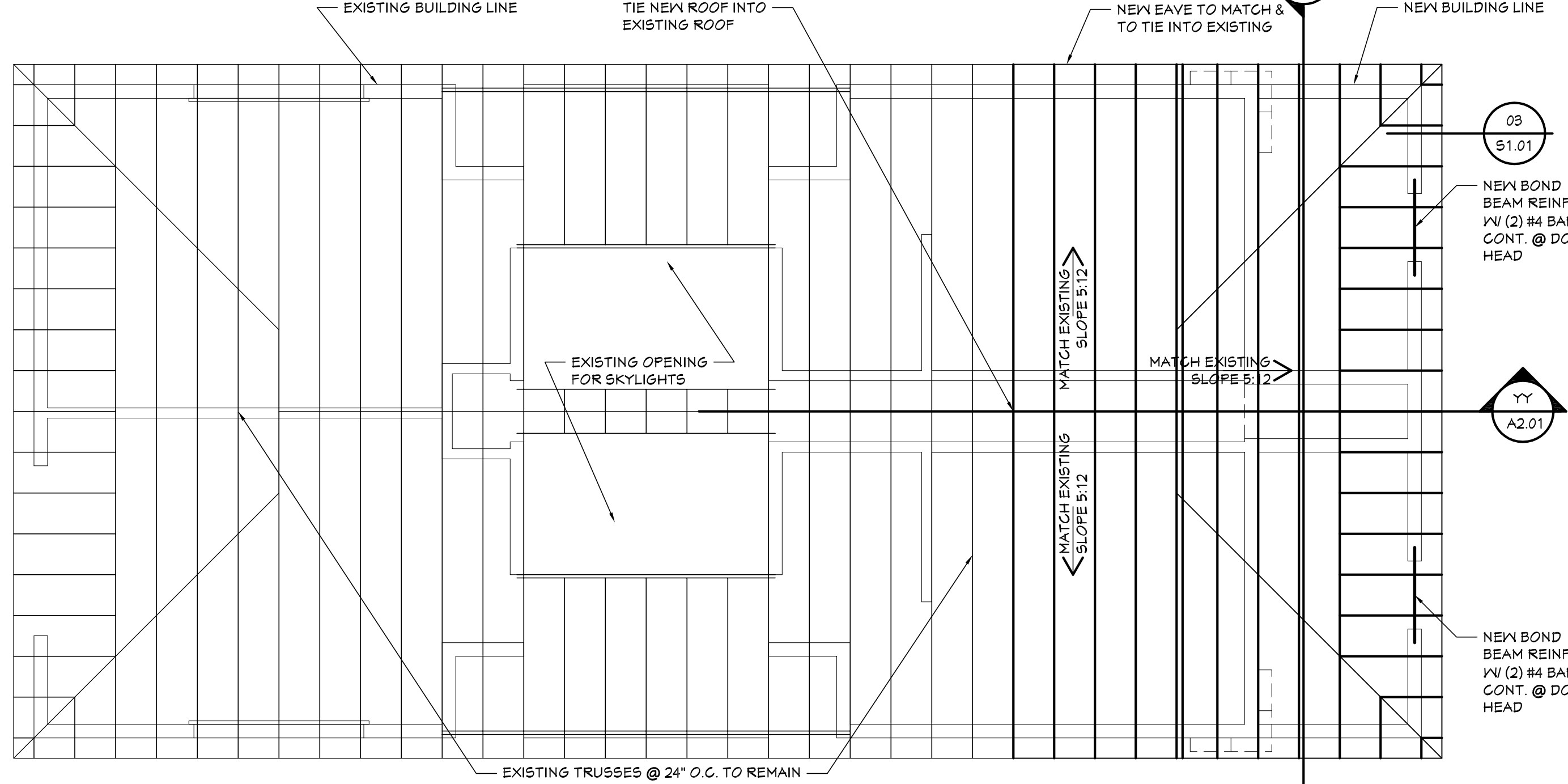
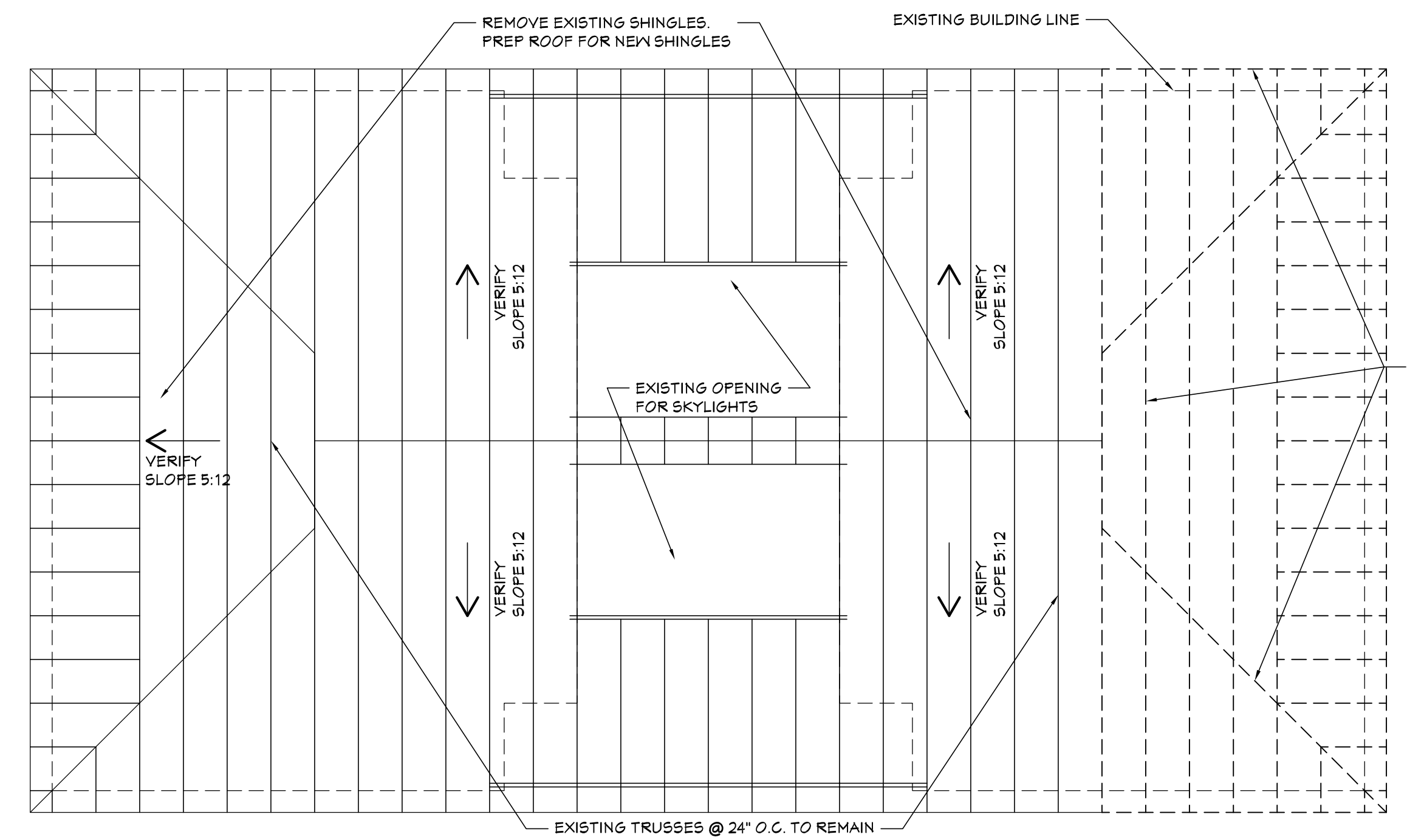
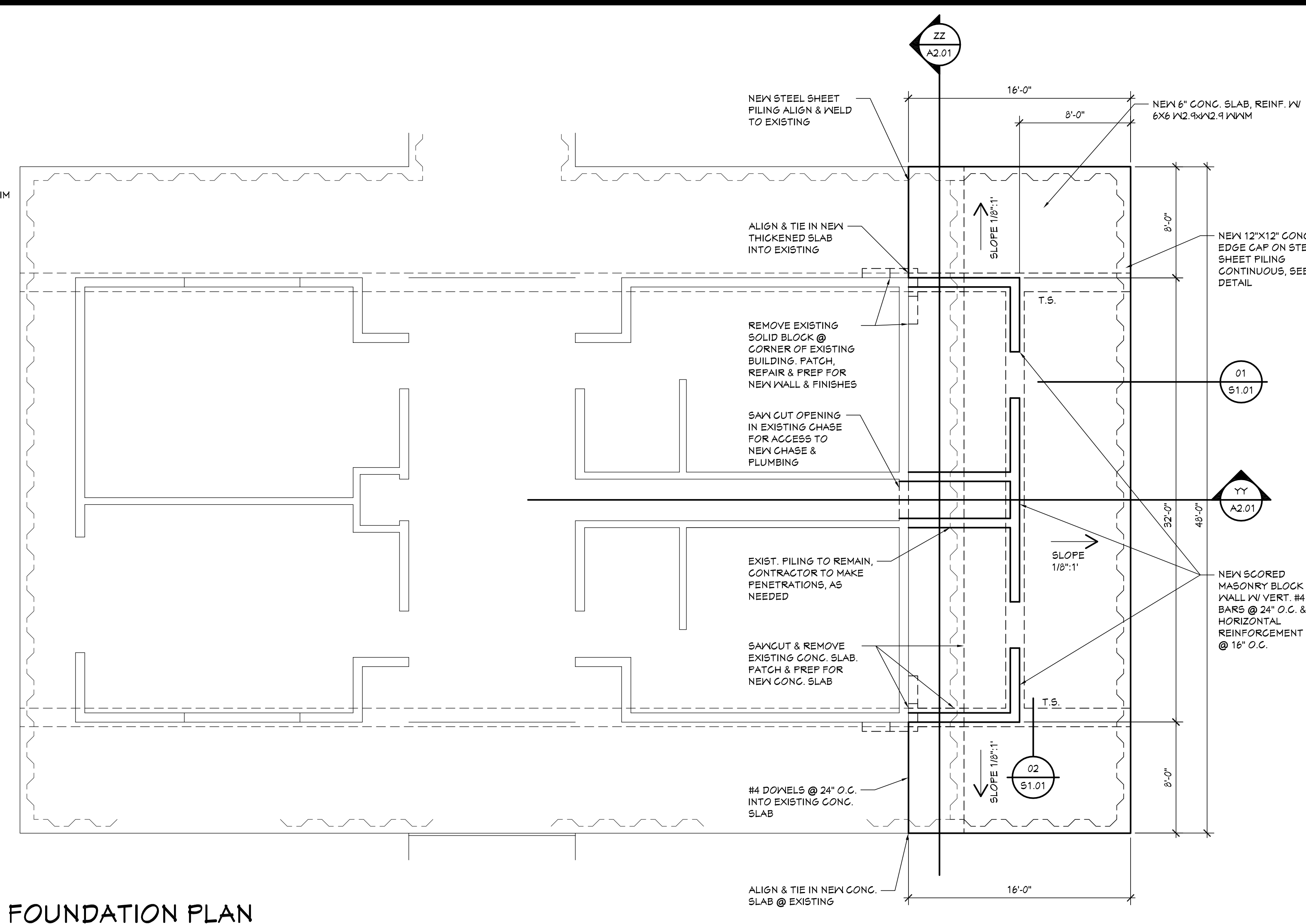
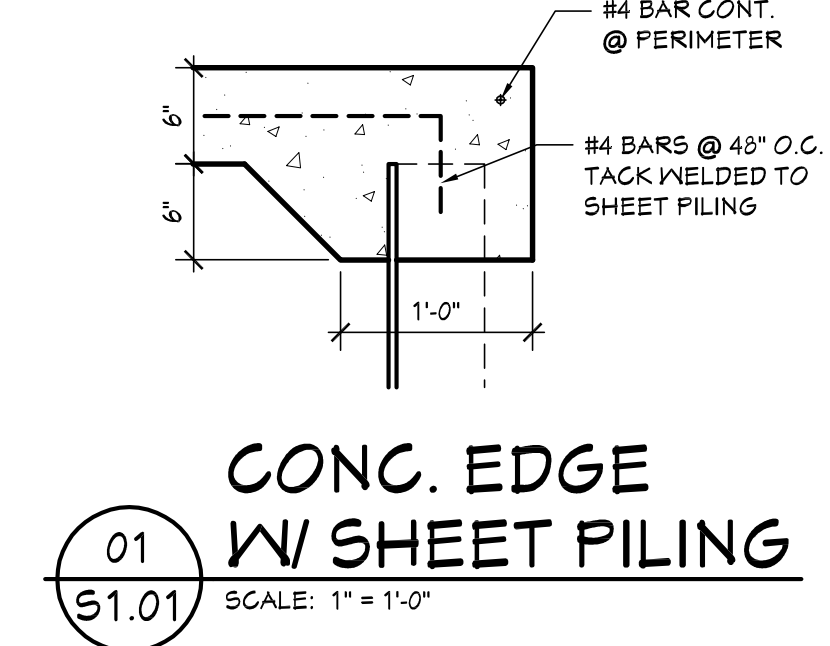
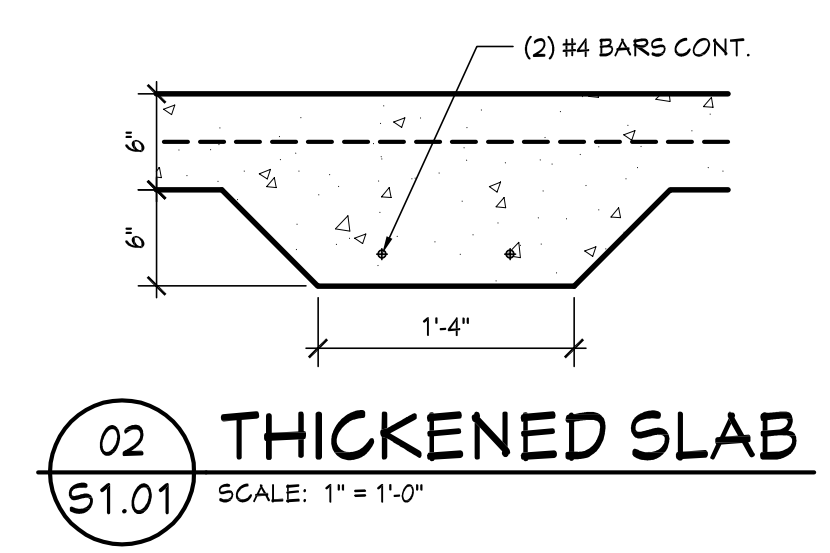
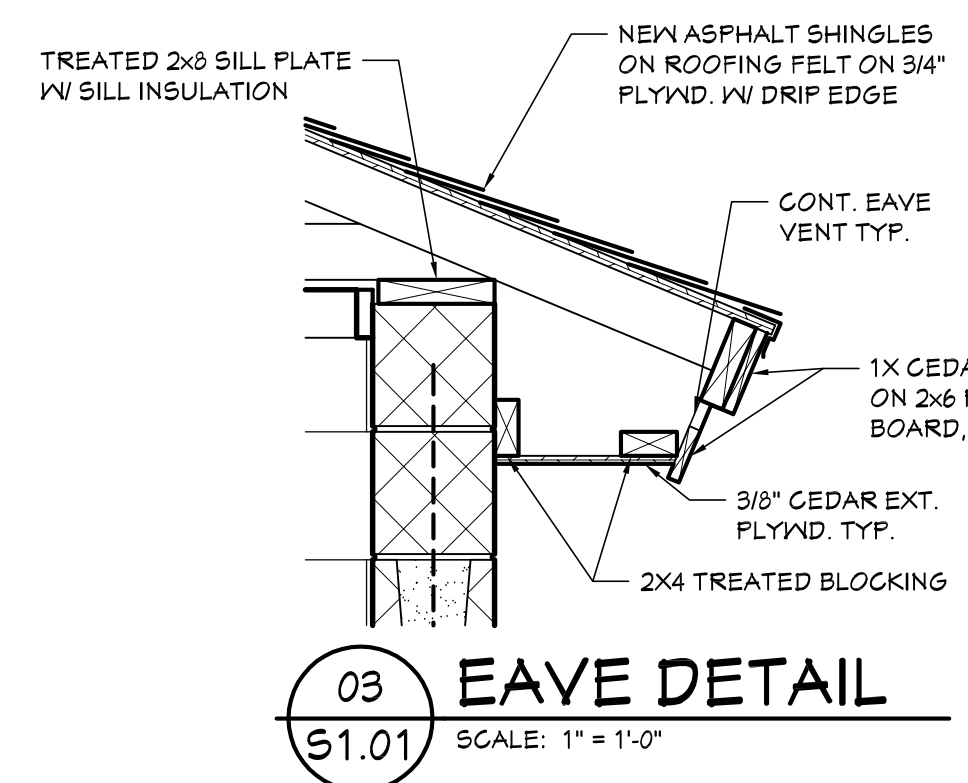
1. STRUCTURAL STEEL ROLLED SHAPES, $F_y = 50,000$ psi
2. STRUCTURAL BOLTS ASTM A325
3. ANCHOR RODS A36 STEEL
4. WELDING ELECTRODES E70XX
5. ALL EXPOSED EDGES OF CONCRETE PIERS, BEAMS AND WALLS SHALL BE CHAMFERED 1/2" x 45°
6. STEEL JOISTS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH SJI SPECIFICATIONS AND STANDARDS. PROVIDE BRIDGING AND BEARING IN ACCORDANCE WITH SJI.
7. ALL ROOF JOISTS TO BE DESIGNED FOR 100 psf NET WIND UPLIFT. PROVIDE SJI REQUIRED BRIDGING & BRACING FOR UPLIFT.
8. DESIGN BEAM CONNECTIONS FOR 50% OF TOTAL UNIFORM LOAD CAPACITY PER AISC TABLES. FOR COMPOSITE BEAMS SEE CHART.

STRUCTURAL DESIGN LOADS

SNOW LOADS:
 GROUND SNOW LOAD $P_g = 60$ psf
 FLAT ROOF SNOW LOAD $P_f = 50.4$ psf
 SNOW EXPOSURE FACTOR $C_e = 1.0$
 SNOW LOAD IMPORTANCE FACTOR $I_s = 1.2$
 THERMAL FACTOR $C_t = 1.0$

WIND LOADS:
 BASIC WIND SPEED (3 SECOND GUST) $V_{3s} = 90$ mph
 WIND IMPORTANCE FACTOR $I_w = 1.15$
 OCCUPANCY CATEGORY = II
 WIND EXPOSURE 'D' = 1.46 FACTOR
 INTERNAL PRESSURE COEFFICIENT = +0.18, -0.18
 COMPONENTS AND CLADDING PRESSURE:
 WALLS = 20 psf
 ROOF = 54 psf UPLIFT AT CORNERS
 ROOF = 21 psf UPLIFT AT EDGES
 ROOF = 20 psf UPLIFT INNER AREAS

SEISMIC LOADS:
 SEISMIC IMPORTANCE FACTOR $I_e = 1.5$
 OCCUPANCY CATEGORY - II
 MAPPED SPECTRAL RESPONSE ACCELERATIONS $S_s = .093$, $S_1 = .093$
 SITE CLASS 'D'
 SPECTRAL RESPONSE COEFFICIENTS $S_{ds} = .100$, $S_{d1} = .062$
 SEISMIC DESIGN CATEGORY 'A'
 BASIC SEISMIC-FORCE-RESISTING SYSTEM: BRACED STEEL FRAME
 DESIGN BASE SHEAR = N/A
 SEISMIC RESPONSE COEFFICIENT $C_s = 3.0\%$
 RESPONSE MODIFICATION FACTOR $R = 5$
 ANALYSIS PROCEDURE USED = SIMPLIFIED PROCEDURE



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ISSUANCES	
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REVISIONS	
DRAWN BY	JSB
SHEET TITLE	ROOF FRAMING & FOUNDATION PLANS
SHEET NO.	S1.01

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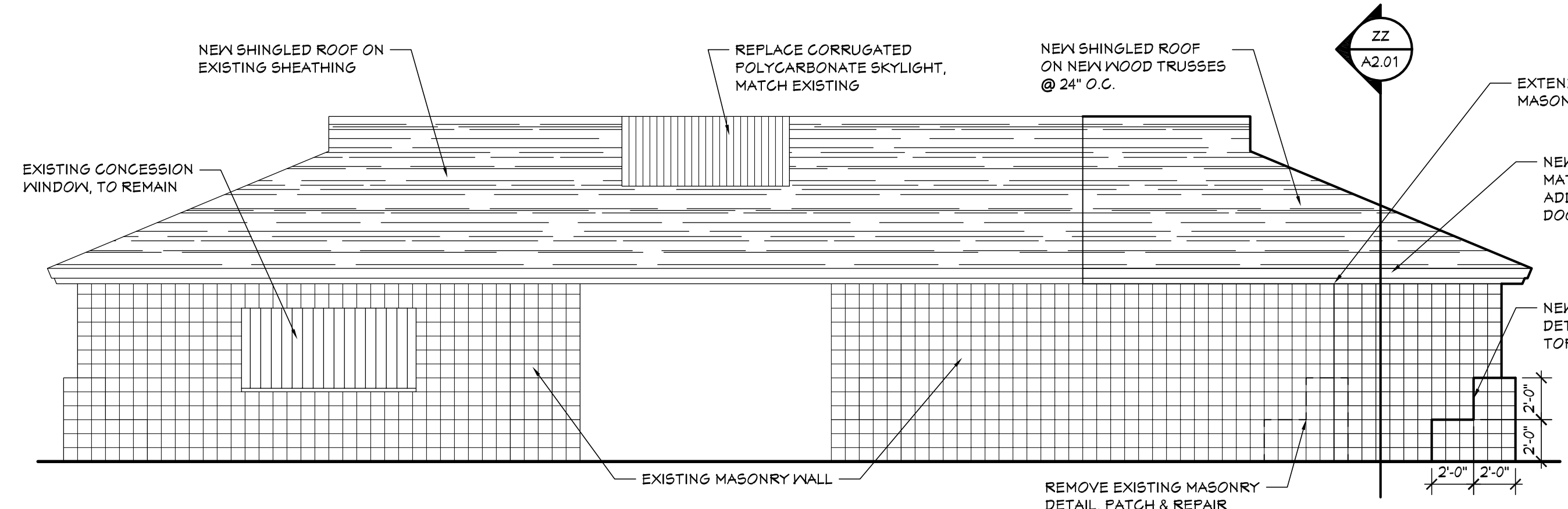
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SHEET TITLE
FLOOR PLAN & EXTERIOR ELEVATIONS

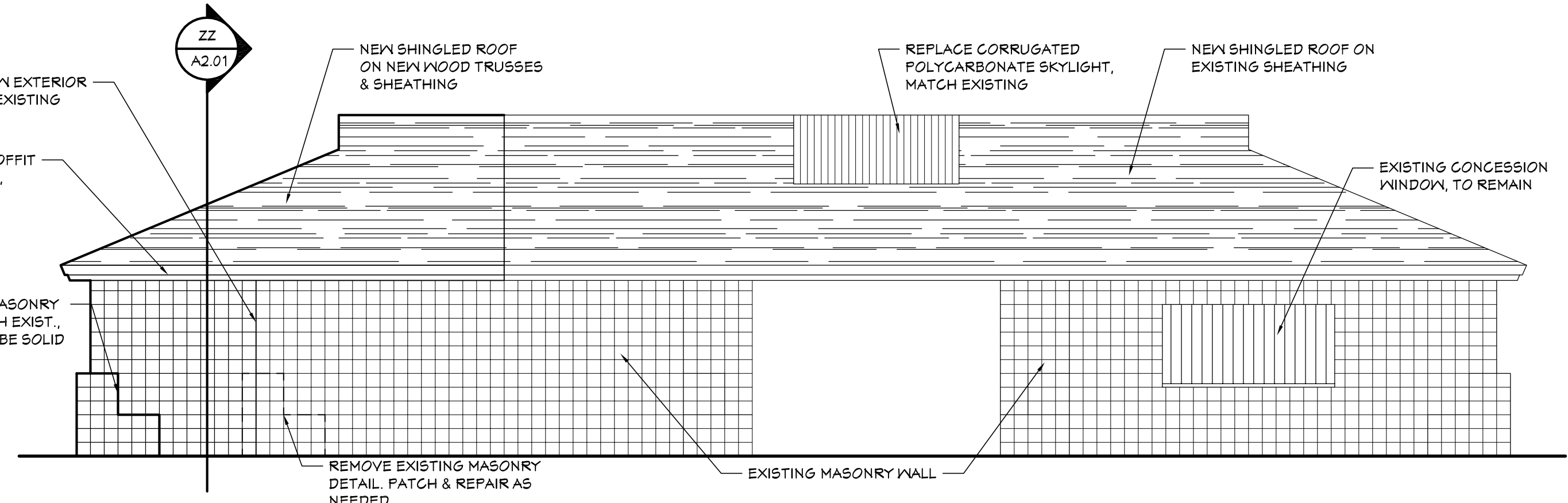
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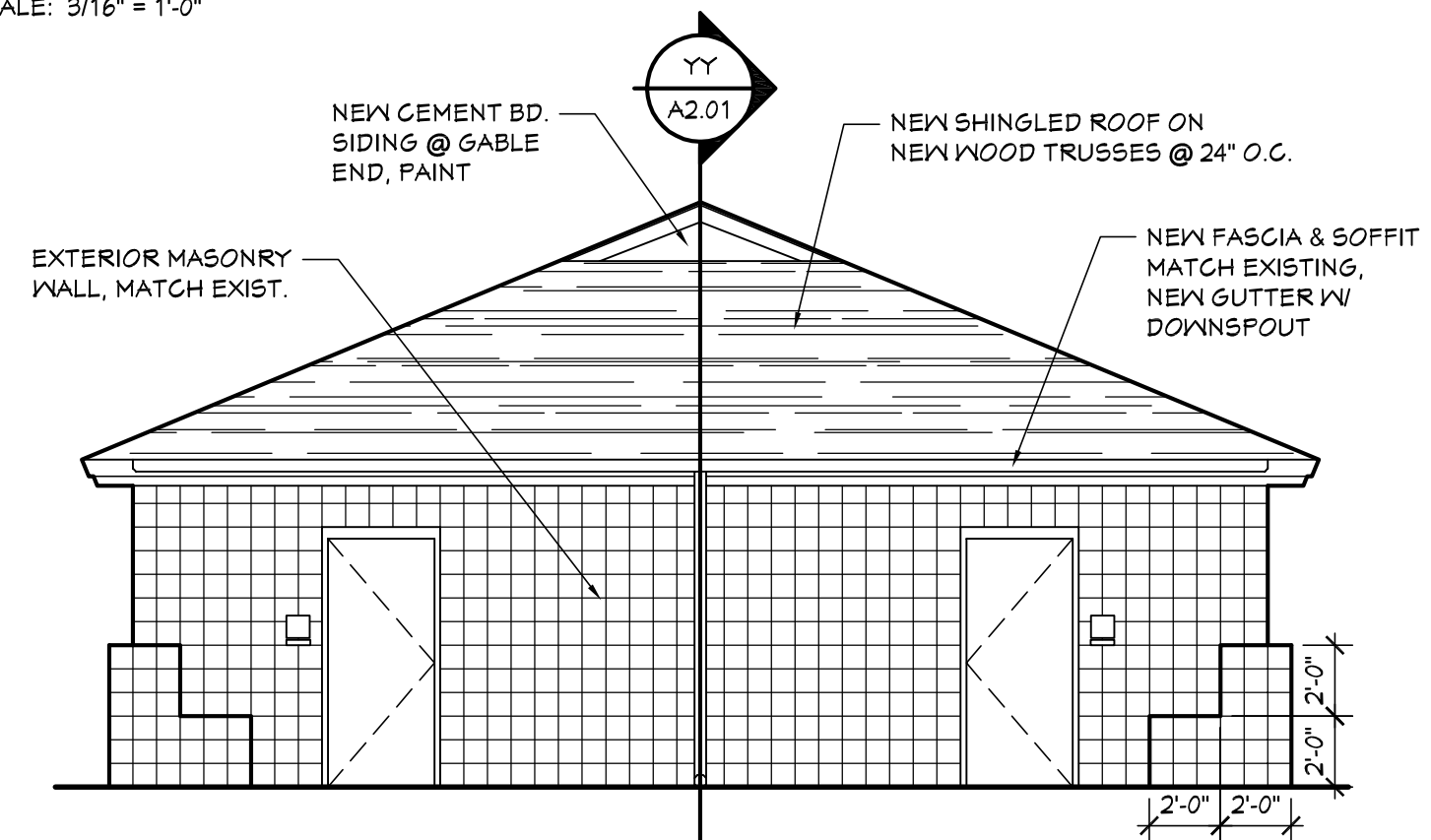
- GENERAL NOTES**
- COORDINATE WITH OTHER TRADES TO AVOID INTERFERENCE.
 - INSTALL ALL EQUIPMENT, DUCTWORK AND PIPING AS HIGH AS POSSIBLE TO MAXIMIZE CLEARANCES. FOLLOW BUILDING LINES WHEREVER POSSIBLE.
 - WHERE MATERIALS ARE TO BE EXPOSED, ARRANGE AND INSTALL NEATLY TO MINIMIZE VISUAL IMPACT.
 - VERIFY FIELD CONDITIONS PRIOR TO PROCEEDING WITH WORK. REPORT SIGNIFICANT DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL CONDITIONS.
 - INSTALLATION SHALL MEET THE REQUIREMENTS OF ALL APPLICABLE CODES AND REGULATIONS.
 - FIRE SUPPRESSION SYSTEM IS NOT REQUIRED / NOT PROVIDED.
 - CONTRACTOR TO VERIFY ALL ROUGH OPENINGS OF DOORS.
 - REFER TO PLUMBING & ELECTRICAL POWER PLAN FOR RESPECTIVE DESIGNS.
 - REFER TO FOUNDATION PLAN & FRAMING PLAN FOR STRUCTURAL REQUIREMENTS.
 - ALL FIXTURES AND FINISHES ARE TO BE APPROVED BY OWNER / ARCHITECT.



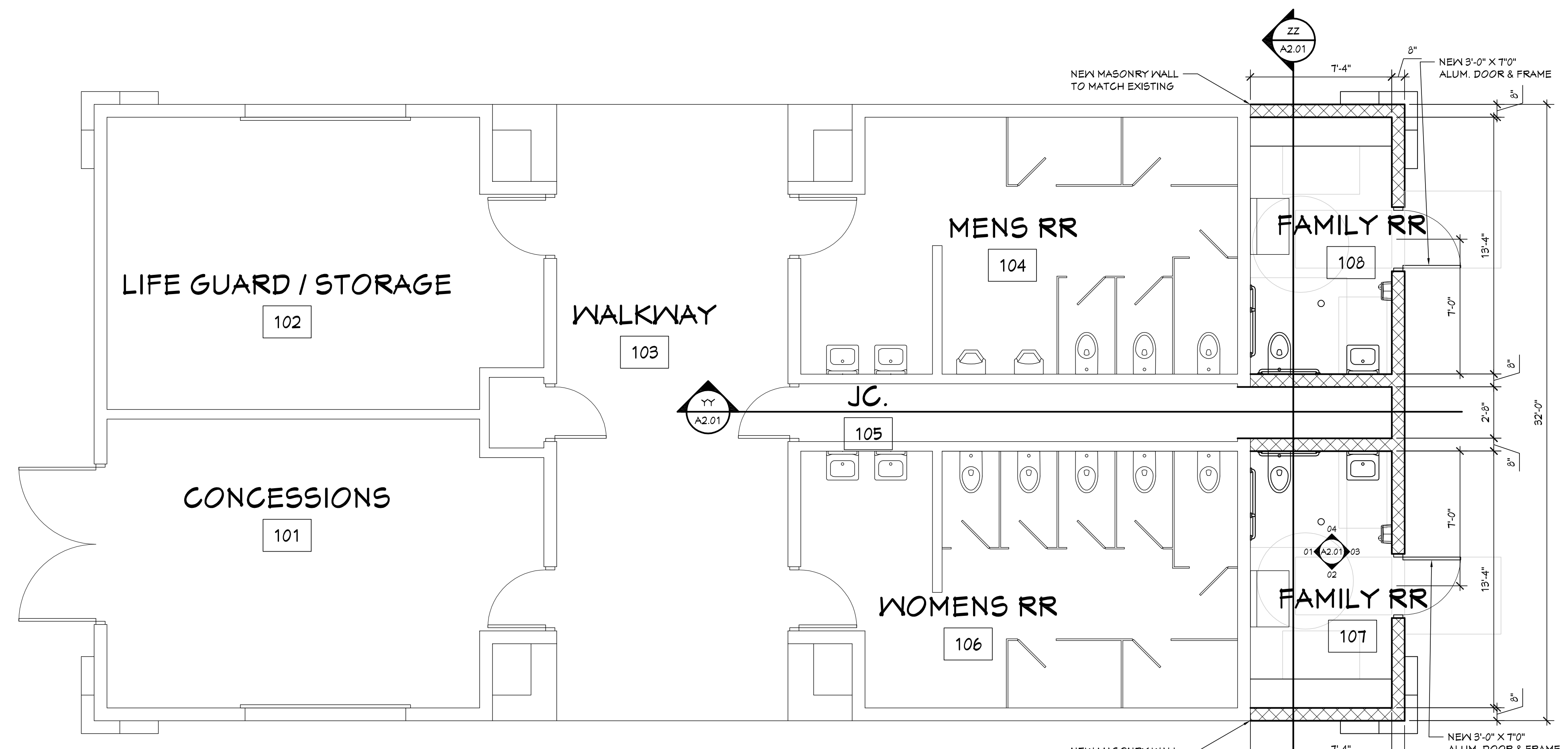
NORTHEAST EXTERIOR ELEVATION
 SCALE: 3/16" = 1'-0"



SOUTHWEST EXTERIOR ELEVATION
 SCALE: 3/16" = 1'-0"



NORTHWEST EXTERIOR ELEVATION
 SCALE: 3/16" = 1'-0"



FLOOR PLAN
 SCALE: 1/4" = 1'-0"

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FINISH SCHEDULE:

EXTERIOR

NEW SCORED BLOCK MASONRY:
PRIME, BLOCKFILL AND PAINT, MATCH EXISTING COLOR AND FINISH

NEW FASCIA, SOFFIT, GABLE:
PRIME AND PAINT, MATCH EXISTING COLOR AND FINISH

NEW DOORS:
PREFINISHED ALUMINUM, CLEAR ANODIZED, FLUSH PLANK DOOR AND FRAME, CORBIN RUSSWIN DEAD BOLT (KEYED TO MASTER), HEAVY DUTY DOOR CLOSER, FULL HANDLE AND THUMB TURN DEAD BOLT W/ OCCUPANCY INDICATOR

ROOFING:
LIFETIME, ARCHITECTURAL GRADE SHINGLES, INSTALLED W/ HIGH WIND METHOD, COLOR TBD

ALL OTHER EXISTING SURFACES ARE TO REMAIN, SEE ALTERNATE 04 FOR NEW FINISHES ON EXISTING MATERIALS

INTERIOR

NEW FLOOR:
SEAL EXPOSED CONCRETE FLOORS

NEW WALLS:
PRIME / BLOCKFILL AND EPOXY, WATER RESISTANT PAINT, COLOR AND FINISH TBD

NEW CEILINGS:
PRIME AND EPOXY, WATER RESISTANT PAINT, COLOR AND FINISH TBD

ALL OTHER EXISTING SURFACES ARE TO REMAIN, SEE ALTERNATE 04 FOR NEW FINISHES ON EXISTING MATERIALS

ACCESSORIES

GRAB BARS:
ASI 3400, 1 1/4" EXPOSED MOUNT STAINLESS STEEL SATIN FINISH

BABY CHANGING STATION:
ASI 9012, SURFACE MOUNT, HORIZONTAL, PLASTIC

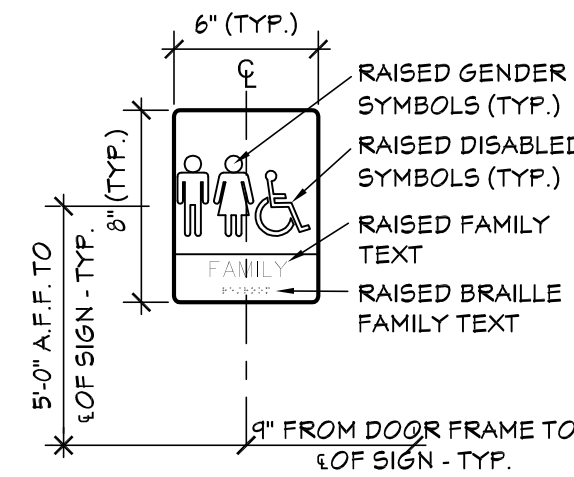
BENCH:
ASI PHENOLIC BENCH W/ WALL BRACKETS

TOILET PAPER HOLDER:
ROYCE ROLLS RINGER CO. #TP-4, SURFACE MOUNT, STAINLESS STEEL

SANITARY NAPKIN DISPOSAL:
BY OWNER

GARBAGE CAN:
BY OWNER

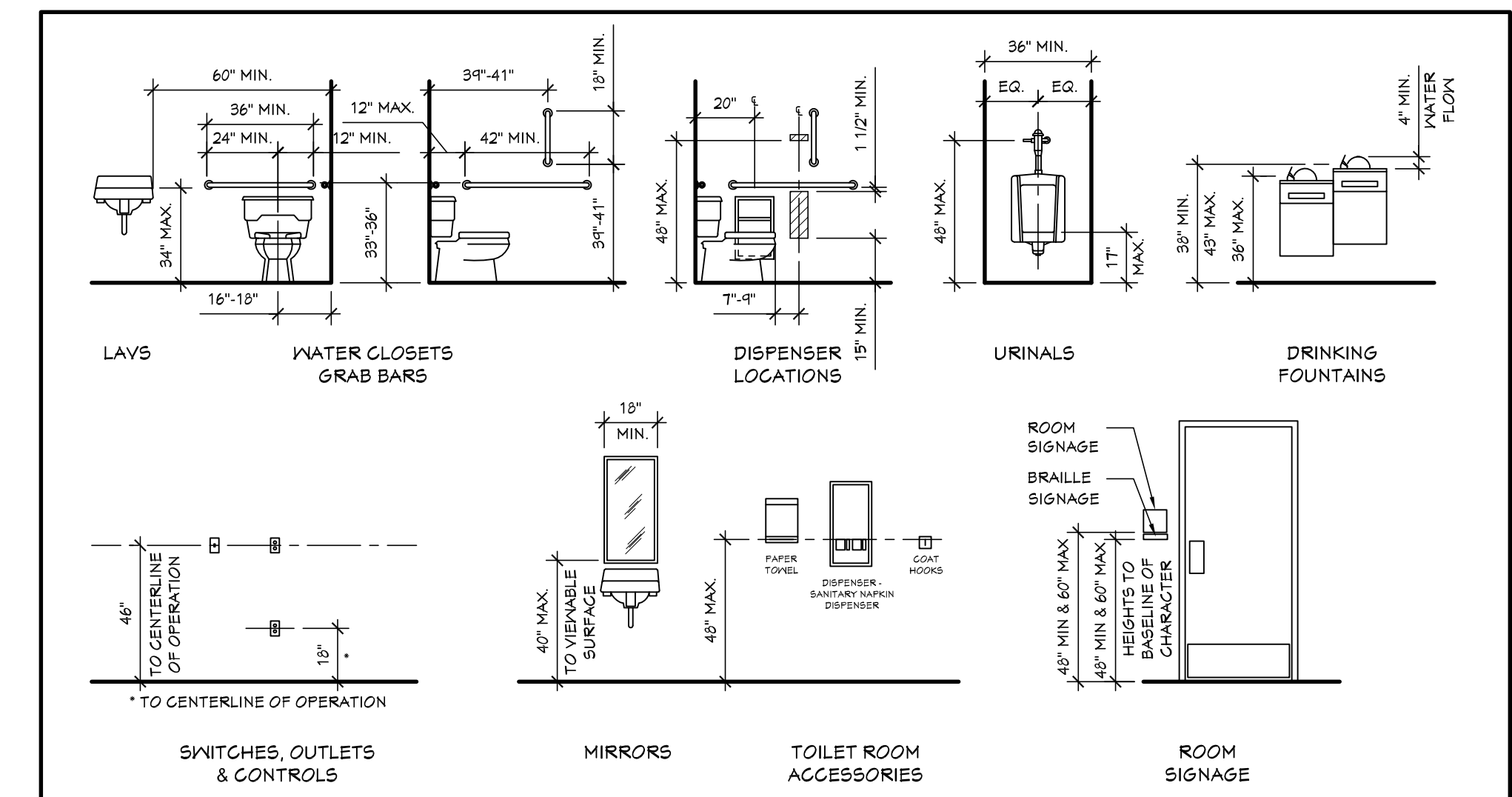
SOAP DISPENSER:
BY OWNER



- NOTES:**
1. SIGNS SHALL CONFORM TO ANSI STANDARDS.
 2. SIGNS TO BE INSTALLED ON THE LATCH SIDE OF THE DOOR.
 3. SIGNAGE SHALL HAVE NON GLARE FINISH W/ A CONTRASTING BACKGROUND.
 4. SEE ELEVATIONS FOR LOCATION OF SIGNAGE.

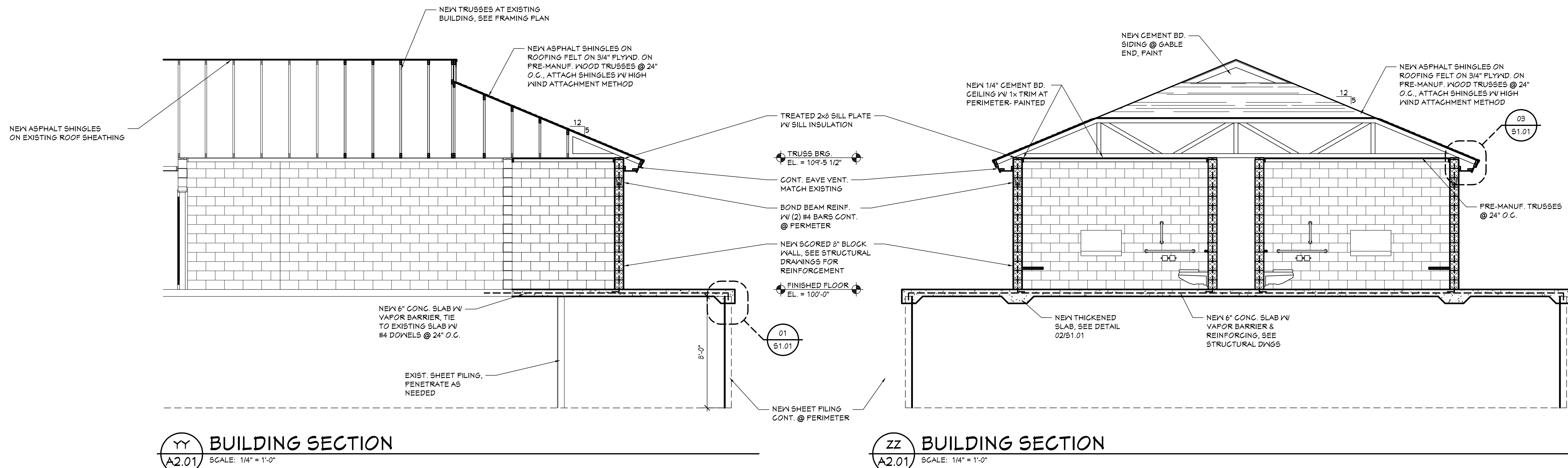
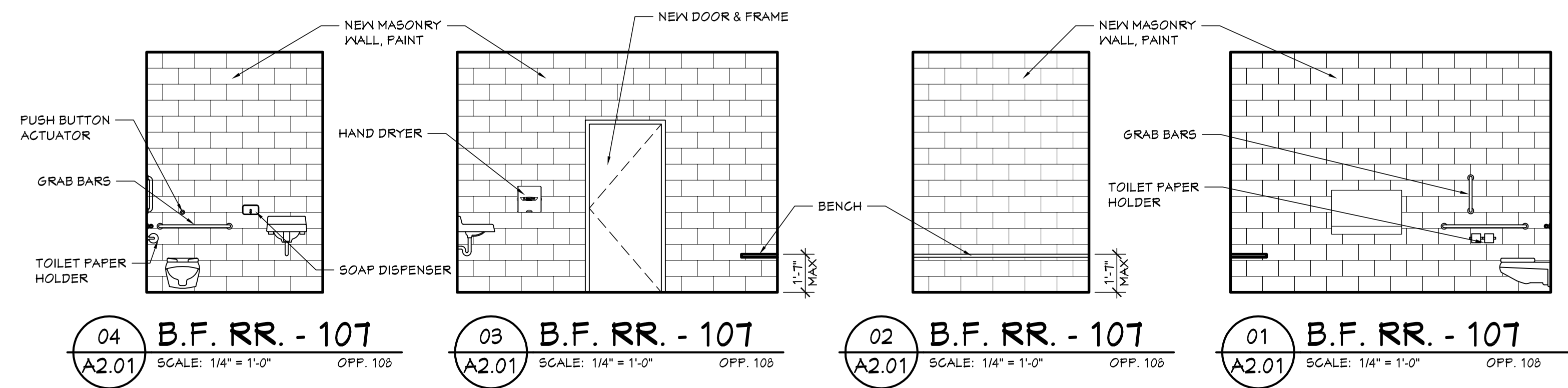
ACCESSIBLE SIGNAGE

SCALE: 1 1/2" = 1'-0"



TYPICAL BARRIER FREE ELEVATIONS

SCALE: 1/4" = 1'-0"



YY BUILDING SECTION
SCALE: 1/4" = 1'-0"

ZZ BUILDING SECTION
SCALE: 1/4" = 1'-0"

PROJECT #	0404-15
ISSUANCES	
OWNER REVIEW	05.05.2018
PERMITS & CONSTRUCTION	11.01.2018

REVISIONS

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SHEET TITLE
BUILDING SECTIONS & INTERIOR ELEVATIONS

SHEET NO.

A2.01

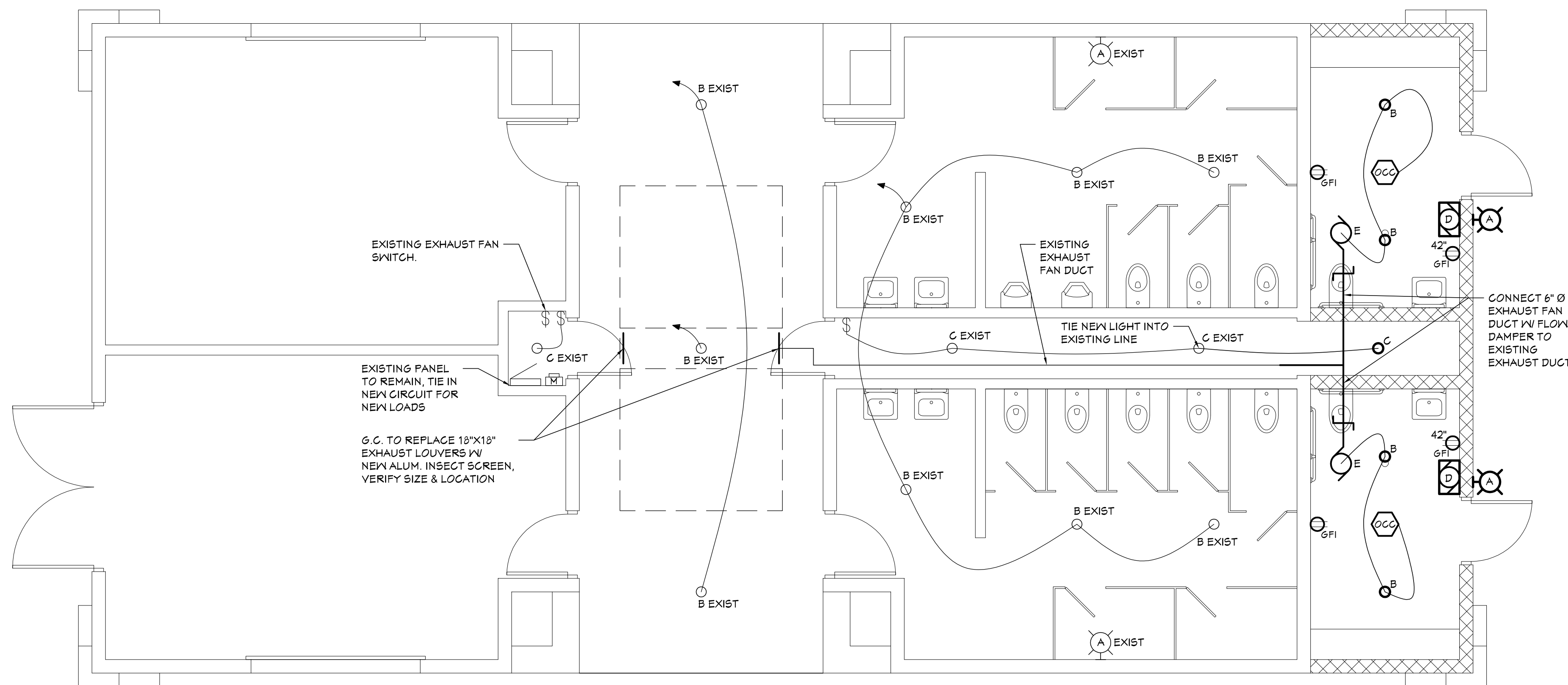
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PLUMBING FIXTURE SCHEDULE			
MARK	MANUFACTURER	MODEL NUMBER	REMARKS
WC-1	AMERICAN STANDARD	3353.101	APFNALL MILLENNIUM FLOWISE ELONGATED FLUSHOMETER TOILET W/ #5901.100 HEAVY DUTY OPEN FRONT LESS COVER. FLUSH VALVE TO BE AMERICAN STANDARD, REAR ACCESS W/ POWER KIT, PK001NRK, PNRX 10-YEAR BATTERY PACK AND HOLDER
LAV-1	AMERICAN STANDARD	0124.024	COMRADE WALL-HUNG LAVATORY. FAUCET TO BE AMERICAN STANDARD, INNSBROOK SELECTRONIC FAUCET
HB-1	WOODFORD	B6T	3/4" ANIT-SIPHON NON-FREEZE WALL HYDRANT, HOSE THREAD CONNECTION, BRASS FLUSH WALL BOX, ROUGH CHROME FINISH, INTEGRAL BACKFLOW PREVENTER & STRAIGHT INLET CONNECTION, WALL THICKNESS AS INDICATED ON PLANS. REMOVE LOCK DOOR & SUPPLY HYDRANT HANDLE
HB-2	WOODFORD	B6T	3/4" ANIT-SIPHON NON-FREEZE WALL HYDRANT, HOSE THREAD CONNECTION, BRASS FLUSH WALL BOX, ROUGH CHROME FINISH, INTEGRAL BACKFLOW PREVENTER & STRAIGHT INLET CONNECTION, WALL THICKNESS AS INDICATED ON PLANS.
FD-1	SIOUX CHIEF	840-20PNR	FLOOR DRAIN W/ SURE SEAL
	APPROVED EQUAL		

FIXTURE SCHEDULE						
Type	Luminaire			Lamp		Description
	Manufacturer	Catalog Number	Volts	No.	Type	
A	LITHONIA	CSXN LED 300 T00 40K T2M MVOTLT	120	1	60W LED	LED SURFACE MOUNT
B	LITHONIA	LDN8 35/50 L08AR L55 MVOLT EZ1	120	1	60W LED	8" LED CAN
C	LEVITON	4875-2	120	1	60W LED	KEYLESS FIXTURE
D	XLERATOR	XL B/N	240		930W	EC TO SUPPLY & INSTALL HAND DRYER
E	BROAN	L100 @ 100 CFM	120			EC TO SUPPLY & INSTALL EXHAUST FAN

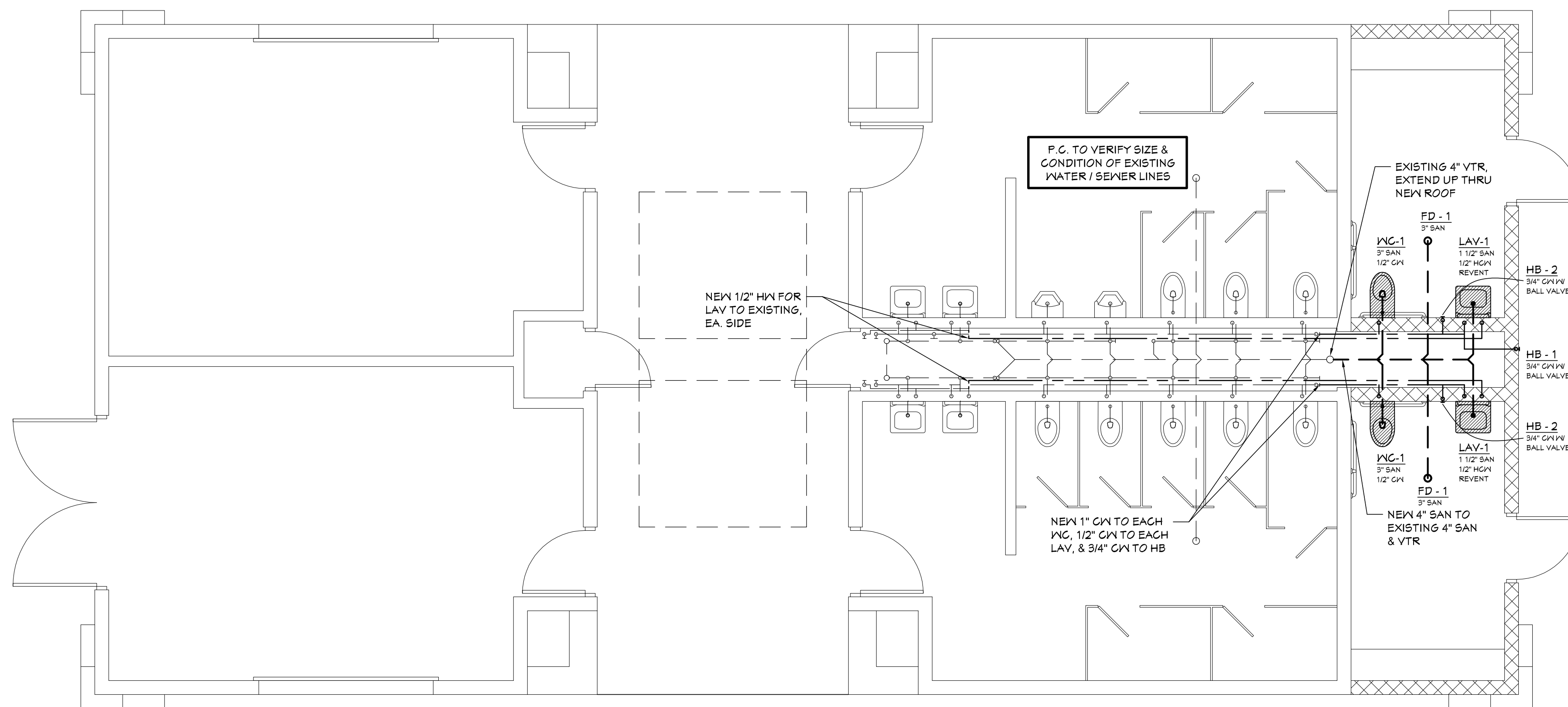
- GENERAL M.E.P. NOTES**
- COORDINATE WITH OTHER TRADES TO AVOID INTERFERENCES.
 - VERIFY FIELD CONDITIONS PRIOR TO PROCEEDING WITH WORK. REPORT SIGNIFICANT DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL CONDITIONS.
 - INSTALLATION SHALL MEET THE REQUIREMENTS OF ALL APPLICABLE CODES AND REGULATIONS.
 - INSTALL ALL EQUIPMENT, DUCTWORK AND PIPING TO MAXIMIZE CLEARANCES. FOLLOW BUILDING LINES WHEREVER POSSIBLE.
 - WHERE MATERIALS ARE TO BE EXPOSED, ARRANGE AND INSTALL NEATLY TO MINIMIZE VISUAL IMPACT.
 - ALL MECHANICAL EQUIPMENT IS TO BE ENERGY STAR COMPLIANT.
 - E.C. & P.C. SHALL BE RESPONSIBLE FOR ALL CORE BORING, AND DRILLING ALL NECESSARY FLOOR, ROOF AND WALL PENETRATIONS REQUIRED TO FACILITATE THEIR WORK.
 - ALL FIXTURES AND APPLIANCES ARE TO BE ENERGY STAR COMPLIANT.
 - OFFSET VENTS TO ROOF (VTR) AS REQUIRED NEAR EDGES OF ROOF.
 - INSTALL BALL VALVE ON HOT AND COLD WATER SUPPLY TO EACH FIXTURE.

SYMBOL LEGEND	
	DUPLEX RECEPTACLE OUTLET MOUNTED @ 16" A.F.F. TO BOTTOM OF BOX
	GFI DUPLEX RECEPTACLE OUTLET MOUNTED @ 16" A.F.F. TO BOTTOM OF BOX U.N.O.
	240 VOLT DUPLEX RECEPTACLE OUTLET MOUNTED @ 16" A.F.F. TO BOTTOM OF BOX U.N.O.
	SINGLE PHASE MOTOR
	FUSED DISCONNECT
	CEILING MOUNTED SINGLE POLE OCCUPANT SENSOR LIGHT SWITCH



POWER PLAN

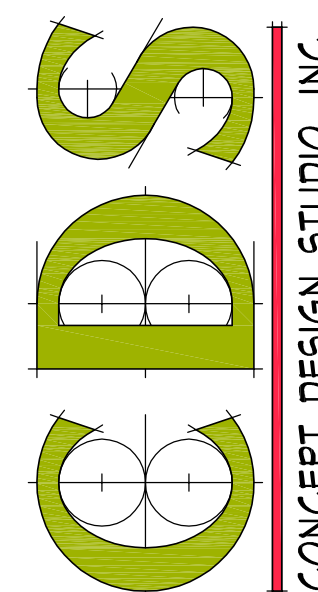
SCALE: 1/4" = 1'-0"



PLUMBING PLAN

SCALE: 1/4" = 1'-0"

CONCEPT DESIGN STUDIO, INC.
800 E. ELLIS ROAD, SUITE 508
NORTON SHORES, MI 49441
PH. (231) 799-4838
FAX (231) 799-4837



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RESTROOM ADDITION AT PERE MARQUETTE PARK FOR

CITY OF MUSKEGON

3510 CHANNEL DRIVE MUSKEGON, MICHIGAN

PROJECT # 0404-15

ISSUANCES

OWNER REVIEW 05.05.2018

PERMITS & CONSTRUCTION 11.01.2018

REVISIONS

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DRAWN BY JSB

SHEET TITLE
**ELECTRICAL
POWER PLAN,
PLUMBING PLAN
& SCHEDULES**

SHEET NO.

P1.01