

# CONTRACT DOCUMENTS FOR:

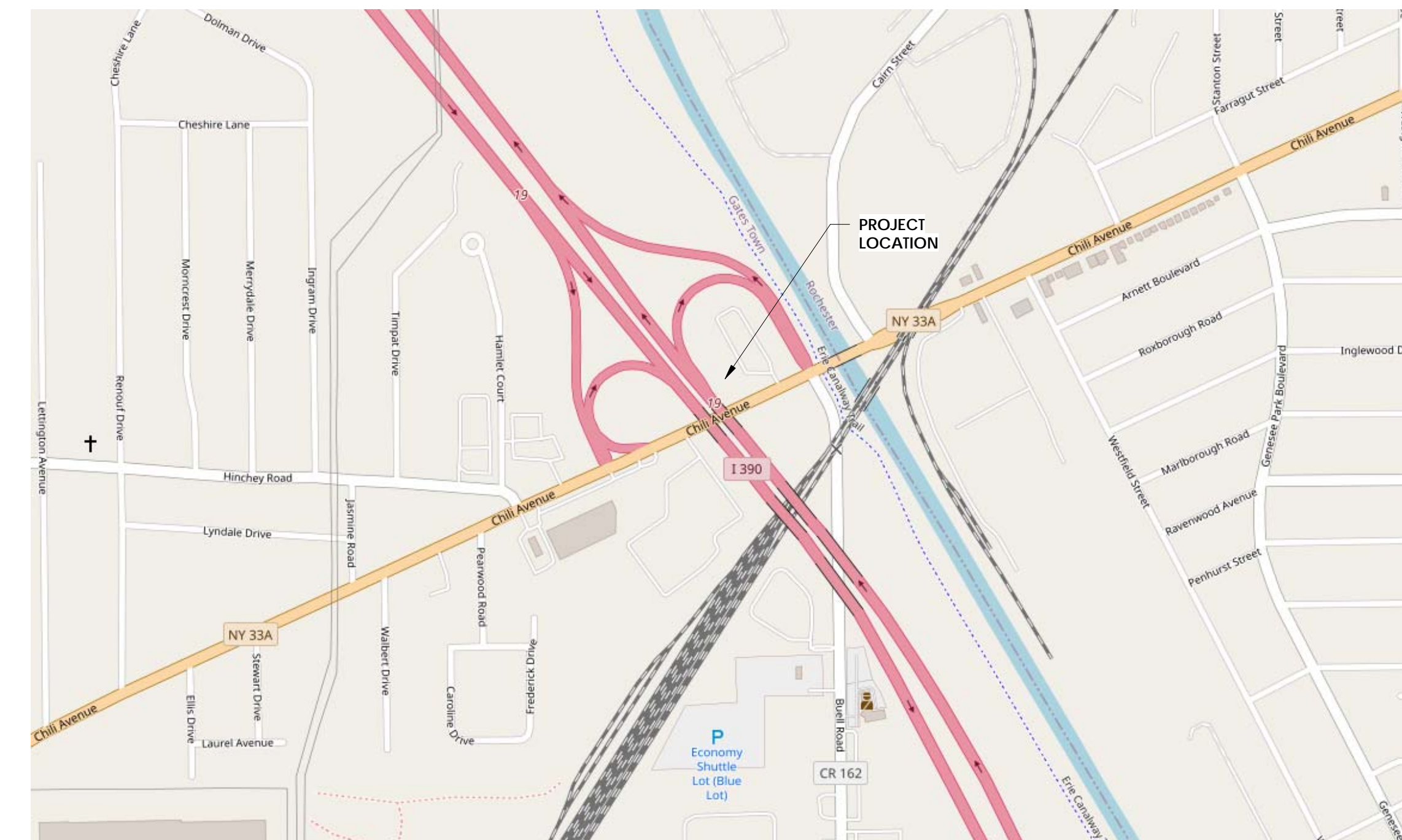
# Royal Car Wash - Gates

20192886.0001

1190 Chili Ave.  
Rochester, NY 14624

June 16, 2020

## LOCATION MAP:



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### ELECTRICAL & PLUMBING (BY OTHERS)

### CLIENT:

Royal Car Wash  
2851 Monroe Avenue  
Rochester, NY 14618

### ARCHITECTURAL & CIVIL:

**PA** PASSERO ASSOCIATES  
engineering architecture

242 West Main Street, Suite 100 (585) 325-1000  
Rochester, New York 14614 Fax: (585) 325-1691



# GENERAL NOTES:

- DESIGN AND CONSTRUCTION SHALL CONFORM TO ALL LOCAL AND STATE CODES, INCLUDING (BUT NOT LIMITED TO) THE "NEW YORK STATE BUILDING CODE AND NEW YORK STATE FIRE CODE", LATEST REVISION, THE NFPA 101 LIFE SAFETY CODE, LATEST REVISION, OSHA AND ANY OTHER CODES GOVERNED BY THE JURISDICTION IN WHICH THIS PROJECT IS BEING CONSTRUCTED.
- THIS CONTRACT REQUIRES COMPLETE, FINISHED WORKABLE PROJECT OF THE AREAS INDICATED BY THE CONTRACT DOCUMENTS, AND SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY TO COMPLETE SAME, REGARDLESS OF WHETHER OR NOT EACH AND EVERY NECESSARY WORK OR ITEM IS SPECIFICALLY INDICATED ON ANY OTHER PORTION OF THE DRAWINGS AND/OR NOTES.
- WHERE MATERIALS REFERENCED ON DRAWINGS ARE NECESSARY TO COMPLETE THE WORK OF THIS CONTRACT SPECIFIED HEREIN, PROVIDE BEST QUALITY MATERIALS. WHERE MATERIALS ARE INTENDED TO MATCH EXISTING, PROVIDE CLOSEST POSSIBLE MATCH, SUBJECT TO OWNER'S APPROVAL. ALL ITEMS AND WORK ON DRAWINGS ARE NEW UNLESS INDICATED EXISTING. ALL WORK WHICH HAS BEEN DAMAGED SHALL BE REPAIRED OR REPLACED. WHERE ITEM CAN NOT BE REPAIRED TO A "NEW CONDITION", OR WHERE THE STRUCTURAL INTEGRITY HAS BEEN AFFECTED, ITEM SHALL BE REPLACED, AT NO COST TO THE OWNER.
- ALL CONTRACTORS ARE RESPONSIBLE TO VERIFY ALL SITE, FIELD AND BUILDING CONDITIONS PRIOR TO SUBMITTING BIDS AND COMMENCING WORK. IF THERE ARE ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS, CONFERENCE WITH ARCHITECT / ENGINEER AND CONSTRUCTION MANAGER FOR RESOLUTION.
- ALL PENETRATIONS THROUGH FLOORS AND FULL HEIGHT WALLS TO BE FIRE STOPPED AS REQUIRED BY NYS CODE. ALL GAPS AND JOINTS AT RATED FLOORS, ROOFS AND WALLS & INTERSECTION OF WALLS, TO BE FIRE STOPPED. GAPS & JOINTS INCLUDE (BUT ARE NOT LIMITED TO) TOP OF WALL TO FLOOR OR ROOF DECK, WALL TO BEAMS, AND CONTROL OR EXPANSION JOINTS. FIRE STOPPING INCLUDES BOTH FORM OR PACKING MATERIAL AND THE FILL, VOID OR CAVITY MATERIAL.
- PROVIDE FIRE BLOCKING IN CONCEALED SPACES AS PER NYS. CODE.
- EXTERIOR PERIMETER OF ALL WINDOWS, DOOR FRAMES, LOUVERS OR OTHER ITEMS INSERTED IN AN EXTERIOR WALL SHALL BE SEALED WEATHER TIGHT WHETHER INDICATED ON DRAWINGS OR NOT.
- WOOD USED FOR BLOCKING OR OTHER PURPOSES ON OR ABOVE THE ROOF DECK, WITHIN 2'-0" OF GRADE AND OTHER LOCATIONS OUTSIDE THE BUILDING ENVELOPE WHERE EXPOSED TO THE WEATHER, SHALL BE PRESSURE TREATED TYPE (P.T.P.).
- FINISHED DOOR OPENINGS SHALL BE NOMINAL 6" FROM FINISHED CORNER OF ROOM AT HINGE SIDE, EXCEPT WHERE DIMENSIONED OTHERWISE. ON THE 'PULL' SIDE OF A DOOR OPENING, THE STRIKE SIDE SHALL BE NOMINAL 18" FROM A PERPENDICULAR WALL ON THE 'PUSH' SIDE OF A DOOR OPENING EQUIPPED WITH BOTH A CLOSER AND LATCH, THE STRIKE SIDE SHALL BE NOMINAL 12" FROM A PERPENDICULAR WALL.
- INTERIOR AND EXTERIOR CONCRETE SLABS SHALL BE SEPARATED FROM ANY VERTICAL SURFACE WITH AN ISOLATION JOINT. ALL SLAB-ON-GRADE (CONTROL, EXPANSION, ETC.) JOINTS TO RECEIVE SEALANT FOR RADON PROTECTION.
- UNLESS OTHERWISE SHOWN, FOOTINGS SHALL BEAR ON FIRM, LEVEL AND UNDISTURBED NATURAL SOIL OR SOLID ROCK. BEARING GRADE SHALL BE FREE OF WATER, FROST, ROCKS, MATERIALS THAT COULD DECOMPOSE AND OR OTHER LOOSE MATERIALS. CONTRACTOR TO VERIFY BEARING CAPACITY IS 2,000 PSF MIN.
- PROVIDE CONCEALED SOLID WOOD BLOCKING IN ALL PARTITIONS, IF RECESSED OR SURFACE MOUNTED ITEMS ARE SPECIFIED.
- REMOVE DEBRIS AND OTHER MATERIALS (RESULTING FROM DEMOLITION OR CONSTRUCTION) FROM SITE AS DEMOLITION OR CONSTRUCTION PROGRESSES. REMOVE RUBBISH FROM JOB SITE REGULARLY AND LEAVE PREMISES AND WORK IN CLEAN CONDITION. RUBBISH SHALL NOT BE ALLOWED TO ACCUMULATE AND SHALL BE APPROPRIATELY DISPOSED OF PRIOR TO COMPLETION, CLEAN PREMISES FOR OCCUPANCY BY OWNER.
- ALL CONTRACTORS ARE TO COORDINATE THE WORK WITH EACH OTHER, SO THAT THE WORK AND SCHEDULE ARE NOT IMPEDED. SCHEDULE WORK PROGRESS THROUGHOUT THE ENTIRE PROJECT TO PREVENT CONFLICTS AND INTERFERENCES. OBTAIN ALL NECESSARY INFORMATION SUCH AS SIZES, LOCATIONS, TEMPLATES, LAYOUT, DIMENSIONS AND ALL OTHER INFORMATION NECESSARY FOR A PROPER AND WELL COORDINATED INSTALLATION. PRIOR TO INSTALLATION OF ITEMS, CONFERENCE WITH EACH CONTRACTOR FOR EXACT LOCATION OF ALL ITEMS.

# ABBREVIATIONS

AD Access Door	CMT Ceramic Mosaic Tile	EXTN Extension	INSUL Insulation	NO, # Number	PVP Polyvinyl Chloride	THK Thickness
AFF Above Finish Floor	CONC Concrete	EXT Exterior	INS. GL Insulated Glass	OC On Center	PCF Ponds Per Cubic Feet	TOIL Toilet
ACT Acoustical Tile	CONSTR Construction	FCU Fan Coil Unit	INT Interior	OPNG Opening	PSL Pounds Per Square Inch	T&G Tongue And Groove
ADD Addendum	CONT Continuous	FIN Finished	INV Invert	OPP Opposite	PLF Pounds Per Linear Feet	TOS Top Of Steel
ADJ Adjacent	CLL Contact Limit Line	FA Fire Alarm	JAN Janitor	OPH Opposite Hand	PSF Pounds Per Square Feet	TYP Typical
A/C Air Conditioning	CONTR Contractor	FACT Factory	JT Joint	OD Outside Diameter	PCP Precast Concrete Panel	TOW Top Of Wall
ALT Alternate	CJ Control Joint	FE Fire Extinguisher	LAM Laminated	OA Overall	PREFAB Prefabricated	UC Undercut
ALUM Aluminum	CG Corner Guard	FP Fire Proofing	LAV Lavatory	OH Overhead	PREF Prefinished	UG Underground
AB Anchor Bolt	CS Counter Sink	FR Fire Resistant	LH Left Hand	PNT Painted	PROJ Projection	UH Unit Heater
APPROX Approximate	CNTR Counter	FLR Floor	LCT Lenght	PN Panel	PL Property Line	UV Unit Ventilator
ARCH Architectural	CRS Course	FD Floor Drain	LGHT Light	PBD Particle Board	PR Primed	UR Urinal
ATTN Attenuation	DEMO Demolish	FL Flush	LF Linear Feet	PLAS Plaster	SST Stainless Steel	VTR Vent Through Roof
AUTO Automatic	DET Detail	FT Foot	LWT Light Weight	PLAM Plastic Laminate	STORM Storm Sewer	VENT Ventilator
BM Beam	DIAG Diagonal	FTG Footing	LL Live Load	QTY Quantity	SECT Section	VERT Vertical
BRG Bearing	DIA Diameter	FDTN Foundation	LOC Location	RAD Radius	SS Service Sink	VEST Vestibule
BIT Bituminous	DIM Dimension	FO Frame Opening	LLH Long Leg Horizontal	RWL Rain Water Leader	SHT Sheet	VCT Vinyl Composition Tile
BLK Block	DO Ditto	FBO Furnished By Owner	LLV Long Leg Vertical	RECPT Receptacle (Electric)	SIM Similar	VIF Verify In Field
BLKG Blocking	DR Door	FBC Furnished By Contractor	LP Low Point	REF Reinforce (d) (ing)	SPKR Speaker	VWC Vinyl Wall Covering
BD Board	DBL Double	FUR Furring	MH Manhole	REQD Required	SPEC Specifications	WSCT Wainscot
BOT Bottom	DN Down	GALV Galvanized	MFR Manufacturer	RESIL Resilient	SQ Square	WC Water Closet
BRK Brick	DWG Drawing	GA Gage	MAS Masonry	RCP Reinforced Concrete Pipe	SP Stand Pipe	WR Water Repellant
BC Brick Course	EA Each	GC General Contractor	MO Masonry Opening	RET Return	STD Standard	WS Weather Strip
BLDG Building	ELEC Electrical	GL Glass	MATL Material	RA Return Air	STL Steel	WGT Weight
BUR Built-Up Roofing	EL Elevation	GB Grab Bar	MAX Maximum	REV Revision, Revised	SD Storm Drain	WWF Welded Wire Fabric
BEJ Brick Expans. Joint	EWC Electric Water Cooler	GWB Gypsum Wall Board	MECH Mechanical	RH Right Hand	SGT Structural Glazed Tile	WGL Wire Glass
CAB Cabinet	ELEV Elevator	HDPC Handicap	MTL/S Metals	RW Right Of Way	STRUCTL Structural	W/O Without
CH Cabinet Heater	EMERG Emergency	HDW Hardware	MTP Metal Toilet Partition	R Riser	SUSP Suspended	WD Wood
CSW Casework	ENCL Enclosure	HDWD Hardwood	MIN Minimum	RD Roof Drain	SW Switch	YD Yard
CLG Ceiling	EQ Equal	HTR Heater	MISC Miscellaneous	RM Room	SWBD Switchboard	
CTR Center	EQUIP Equipment	HTG Heating	MOD Modular	RO Rought Opening	SYM Symmetrical	
C/L Center Line	EO Equipment By Owner	HVAC Heating, Ventilation & Air Conditioning	MHP Mop Hopper	PLGL Plate Glass	TB Tackboard	
CT Ceramic Tile	EXF Exhaust Fan	HGT Height	NAT Natural	PLYWD Plywood	TEL Telephone	
CMU Concrete Masonry Unit	EXIST Existing	HM Hollow Metal	NRC Noise Reduction Coefficient	PLUB Plumbing	TV Television	
CLR Clear	EXP Expansion	ID Inside Diameter	NIC Not In Contract	PT/S Point(s)	TEMP Temperature, Temporary	
COL Column	EXPJ Expansion Joint	IBC Installed By Contractor	NIS Not To Scale	POL Polished	TEMPGL Tempered Glass	
CW Cold Water	EXPD Exposed		NOM Nominal	PPGL Polished Plate Glass	TEX Texture	

# MATERIALS SYMBOLS

	EARTH/COMPACT FILL
	ROCK
	BRICK (PLAN/SECTION)
	METALS (SECTION)
	PLYWOOD
	BATT/LOOSE INSUL.
	GLASS (ELEVATION)
	POROUS FILL/GRAVEL
	CONCRETE (PLANS/SECTIONS)
	BRICK (ELEVATION)
	ARCHITECTURAL ROOF SHINGLES
	WOOD, FINISHED
	CERAMIC TILE (ELEV)
	SPRAY FIREPROOF (AROUND MEMBER)
	SAND/MORTAR PLASTER(SECT)
	CONCRETE BLK.
	WOOD BLOCKING (SECTION)
	RIGID INSUL.
	PLASTER/PLAS BD. EIFS (ELEV.)
	GLASS BLOCK

# GRAPHIC SYMBOLS

	ROOM NAME/NUMBER INDICATOR
	WORK POINT ELEV./FIN. FLOOR, ROOF
	COLUMN NO.
	CENTER LINE
	WINDOW/FRAME TYPE
	DOOR NUMBER
	WALL TYPE
	REVISION
	NORTH ARROW
<b>INTERIOR ELEVATION INDICATOR</b>	
	ELEV. NUMBER
	SHEET LOCATED
	INDICATED # OF VIEW
<b>WALL SECTION INDICATOR</b>	
	NO. OF SECTION
	SHEET LOCATED ON
<b>PLAN DETAIL INDICATOR</b>	
	NO. OF SECTION
	SHEET LOCATED ON
	REVISION
	PLACE W/ DATE IN REVISED PORTION OF SHT.
	NEW DOOR
	EXISTING DOOR
	DOOR REMOVED

# ARCHITECT'S CERTIFICATION

The architect certifies to the best of their knowledge and belief, the plans and specifications are in accordance with the applicable requirements of the "Building Code of New York State, and the Energy Conservation Construction Code of New York State."

### Building Notes During Construction:

Contractor shall follow the New York State Building Code. They shall comply with chapter 33 "safeguards during construction" of New York State Building Code. This section covers safety during construction and the protection of adjacent public and private properties. The architect is not responsible for enforcing this on the contractor.

Stamp:



Client:

**Royal Car Wash**

2851 Monroe Avenue  
Rochester, NY 14618

## Passero Associates

245 West Main Street, Suite 100 Rochester, NY 14614 (585) 325-1009 Fax: (585) 325-1691

Project Manager: Peter Wehner, AIA  
Project Architect: Timothy Geier, AIA  
Designer:

No.	Date	By	Description

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS IN VIOLATION OF STATE EDUCATION LAW ARTICLE 145 SECTION 7209 AND ARTICLE 147 SECTION 7307. THESE PLANS ARE COPYRIGHT PROTECTED. ©

## Symbols and Details

1190 Chili Ave.

Royal Car Wash - Gates

Town/City: Rochester  
County: Monroe State: New York

Project No.: 20192886.0001

Drawing No.: A-001

Date: June 16, 2020

**Permit Set**

**CONSTRUCTION SPECIFICATIONS**

- 1.0 GENERAL CONDITIONS
- 1.1 All work shall be in accordance with all applicable local, State and National Building Codes, including the Building Code of New York State and the Town of Gates requirements.
- 1.2 General Conditions AIA Document A - 201 is hereby made part of these documents as if originally bound herein. Contract for Construction shall be executed on an AIA Owner Contractor Agreement.
- 1.3 The Contractor is responsible for field verifying all conditions shown prior to commencing with the work. Contractor shall report any inconsistencies in existing conditions and/or the drawings of new work to the attention of the Architect. Do not scale any dimensions. Verify all dimensions in the field. The Contractor shall be responsible for the coordination of all the trades.
- 1.4 The Contractor shall be responsible for and shall remedy and/or replace any faulty, improper or inferior materials or equipment or workmanship which shall appear within a one (1) year period from completion of the work.
- 1.5 The Contractor shall provide temporary toilet facilities for use by their forces.
- 1.6 Do not scale drawings.
- 1.7 Contractor shall design and provide any temporary shoring and bracing, etc., as needed for construction so as not to endanger the structural integrity of the structure.
- 1.8 Contractor to locate and avoid existing utilities during excavation.
- 7.0 THERMAL & MOISTURE PROTECTION  
Insulation as noted on the drawings and as selected by the building owner.
- 8.0 DOORS, WINDOWS AND GLAZING  
See plans and elevations, for manufacturer number and unit sizing.
- 9.0 FINISHES  
Final finishes as selected by building owner.
- 10.0 SPECIALTIES  
At all exit doors at elevations and providing coverage at all areas within the new structure, provide exit signs, emergency exiting lights, etc., per NFPA requirements for a structure with an occupancy classified by the N.Y.S. Uniform Fire Prevention and Building Code as a B Occupancy.
- 22.0 PLUMBING  
Specified by others.
- 26.0 ELECTRICAL  
All electrical systems are to be specified by others. (see note below)
- 31.0 SITE WORK SEE SITE DRAWINGS PROVIDED BY OTHERS

**GENERAL STRUCTURAL NOTES**

1. DESIGN AND CONSTRUCTION SHALL CONFORM TO THE "2020 BUILDING CODE OF NEW YORK STATE".
2. LIVE LOADS:  
SLAB ON GRADE = 125 psf - LIGHT STORAGE
3. SNOW LOADS:  
Pg = 50psf, Pf = 38.5psf  
Is = 1.0, Ce = 1.0, Ct = 1.1
4. WINDS LOADS:  
V = 115mph, Iw = 1.0, EXPOSURE = B, GCpi = ±0.18
5. SEISMIC LOADS:  
RISK CATEGORY = II  
SDS = .176, SD1 = .095  
SITE CLASS = D  
SEISMIC DESIGN CATEGORY = B  
LATERAL FORCE RESISTING SYSTEM = ORDINARY REINFORCED CMU WALLS  
ANALYSIS PROCEDURE - EQUIVALENT LATERAL FORCE

**FOUNDATION & FLOOR SLAB NOTES**

1. FOOTING DESIGN IS BASED ON AN ASSUMED SOIL BEARING CAPACITY OF 2,000 PSF. VERIFY SOIL CONDITIONS PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO BE RESPONSIBLE FOR ALL SUBGRADE CONDITIONS. VERIFY THE ACTUAL SOIL BEARING CAPACITY AT THE SITE AND NOTIFY THE ARCHITECT IN WRITING IF IT IS DETERMINED TO BE LESS THAN 2,000 PSF.
3. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS ETC. IN FIELD AND NOTIFY ARCHITECT OF ANY DISCREPANCIES. CONTRACTOR SHALL ALSO VERIFY EXISTING BELOW GRADE UTILITIES.
4. EXCAVATION FOR FOUNDATIONS SHALL BE TAKEN TO FIRM UNDISTURBED SOIL, DRY AND FREE FROM FROST OR LOOSE MATERIAL.
5. BACKFILL BELOW GRADE SHALL BE WELL GRADED SAND AND GRAVEL OR CRUSHER RUN STONE HAVING A MAXIMUM SIZE OF 3" AND NO MORE THAN 10% PARTICLES PASSING THE #200 SIEVE. BACKFILL SHALL BE PLACED IN 6" TO 8" LIFTS. EACH LIFT SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR METHOD.
6. ALL PIPING SLEEVES THROUGH FOUNDATION WALLS AND FOOTING STEPS TO ACCOMMODATE PIPING SHALL BE COORDINATED WITH THE PLUMBING CONTRACTOR/DRAWINGS.
7. CONCRETE COVER FOR REINFORCEMENT:  
CONCRETE CAST AGAINST EARTH.....3"  
CONCRETE EXPOSED TO WEATHER OR EARTH.....2"  
CONCRETE SLAB TOP COVER.....1-1/2"
8. BOTTOM OF ALL FOOTINGS SHALL BE A MINIMUM OF 4'-0" BELOW GRADE.
9. NO BACKFILLING OF FOUNDATION WALLS TO BE DONE UNLESS WALLS ARE ADEQUATELY BRACED OR FILLING IS BALANCED.
10. PROVIDE A #4 x4'-0"lg. REBAR IN CONCRETE SLABS ACROSS ALL REINTRANT CORNERS AND CORNERS OF RECTANGULAR SLAB OPENINGS. AND AROUND THE PERIMETER OF ROUND SLAB OPENINGS.
11. PROVIDE CORNER BARS TO MATCH HORIZONTAL REINFORCING IN ALL WALLS AND FOOTINGS.
12. PROVIDE CONTROL JOINT FOR SLAB-ON-GRADE AS SHOWN ON DRAWINGS.

**CONCRETE NOTES**

1. CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM TO ACI 318-14 AND ACI 301-10.
2. MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS FOR CONCRETE FOOTINGS SHALL BE 3,000psi. MAX. W/C RATIO = 0.55
3. MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS FOR CONCRETE SLAB SHALL BE 4,500psi AT EXTERIOR SLAB. MAX. W/C RATIO = 0.45, AND 6% ±1.5% AIR ENTRAINMENT
4. ALL CONCRETE EXPOSED TO WEATHER SHALL HAVE 4% TO 6% ENTRAINMENT AIR.
5. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185, AND SHALL BE SUPPLIED IN SHEETS ONLY.
6. THE REINFORCING STEEL CONTRACTOR SHALL FABRICATE ALL REINFORCEMENT AND FURNISH ALL ACCESSORIES, CHAIRS, SPACER BARS AND SUPPORTS NECESSARY TO SECURE THE REINFORCEMENT UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
7. SUBMIT SHOP DRAWINGS FOR REINFORCING STEEL TO THE ARCHITECT FOR REVIEW BEFORE FABRICATION.
8. SUBMIT CONCRETE MIX DESIGNS TO THE ARCHITECT FOR REVIEW BEFORE BEGINNING CONSTRUCTION.

**MASONRY CONSTRUCTION**

1. CONCRETE MASONRY SHALL CONFORM TO THE REQUIREMENTS OF ACI 530-13.
2. CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C-90, TYPE 1, GRADE N, MOISTURE CONTROLLED UNITS. MORTAR SHALL BE TYPE M OR S. PROVIDE GALVANIZED HORIZONTAL JOINT REINFORCING AT 16" O.C. UNLESS NOTED OTHERWISE. CONCRETE MASONRY WALLS SHALL HAVE CONTROL JOINTS SPACED NO FURTHER THAN 25'-0" APART IN CONTINUOUS EXTERIOR AND INTERIOR WALLS.
3. GROUT FOR FILLING BLOCK CORES SHALL CONFORM TO ASTM C476 WITH A MINIMUM COMPRESSIVE STRENGTH OF 3,000psi AT 28 DAYS. GROUT SHALL BE PLACED IN LIFTS NOT EXCEEDING 7' COURSES IN HEIGHT UNLESS OTHERWISE APPROVED BY THE ENGINEER.
4. COORDINATE LOCATION OF ALL MASONRY WALLS, PARTITIONS AND OPENINGS WITH ARCHITECTURAL DRAWINGS.
5. LAP SPLICES IN VERTICAL REINFORCING FOR CONCRETE BLOCK MASONRY WALLS AND PILASTERS SHALL BE A MINIMUM OF 48 BAR DIAMETERS UNLESS DETAILED OTHERWISE ON THE DRAWINGS.
6. ALL LINTELS AT MASONRY OPENINGS SHALL HAVE 8" OF BEARING AT EACH END. ALL EXTERIOR LINTELS SHALL BE HOT DIPPED GALVANIZED.
7. REFERENCE ARCHITECTURAL DRAWINGS AND PROJECT SPECIFICATIONS FOR CONTROL JOINT LOCATION REQUIREMENTS. ALL BOND BEAM REINFORCEMENT TO BE CONTINUOUS AT CONTROL JOINT LOCATIONS. SCORE BOND BEAM SHELL 3/8" EACH SIDE AT CONTROL JOINTS.
8. ALL MASONRY WALL BELOW GRADE SHALL BE GROUTED SOLID.

**STEEL NOTES**

1. STRUCTURAL STEEL SHALL CONFORM TO THE 2010 AISC SPECIFICATION AND CODE OF STANDARD PRACTICE.
2. STRUCTURAL STEEL GRADES (UNLESS NOTED OTHERWISE ON PLAN):  
STRUCTURAL STEEL W-SECTIONS: ASTM A572 (ASTM A992), Fy = 50ksi  
STRUCTURAL STEEL ANGLES, PLATES & CHANNELS: ASTM A36, Fy = 36ksi  
STRUCTURAL STEEL ROUND OR SQUARE TUBING: ASTM A500, Fy = 46ksi  
ANCHOR BOLTS: ASTM F1554  
BOLTS: A325N
3. WELDING SHALL CONFORM TO AWS D1.1 ELECTRODES SHALL BE E70XX.
4. STRUCTURAL STEEL SHALL BE SHOP PAINTED WITH AN ALKYD PRIMER PAINT. AFTER ERECTION TOUCH UP ALL AREAS WHERE PAINT IS MISSING OR DAMAGED INCLUDING FIELD WELDS.
5. ALL EXTERIOR STEEL TO BE GALVANIZED.

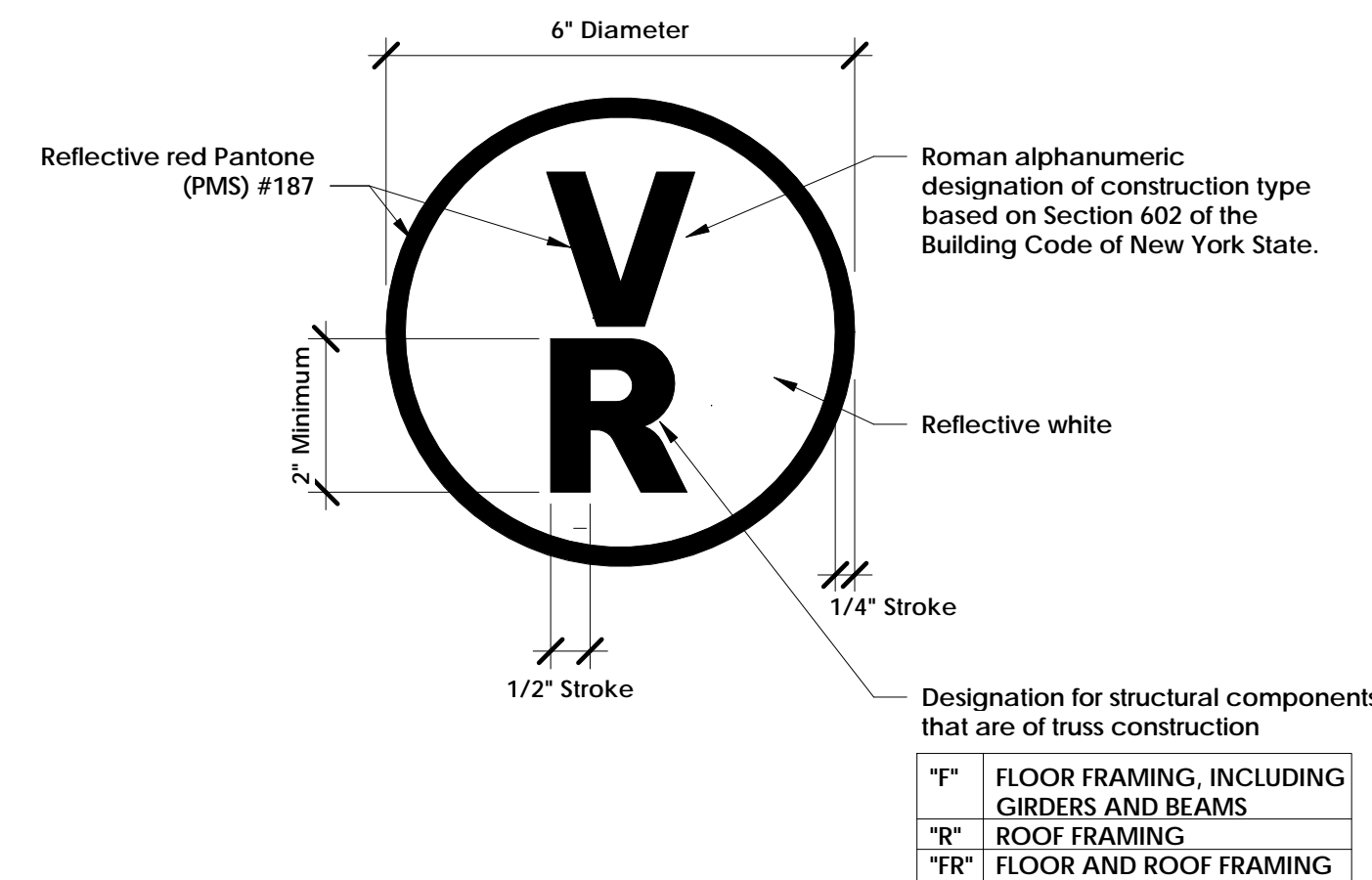
**LIGHT GAUGE NOTES**

1. LIGHT GAUGE STEEL INCLUDES ALL LIGHT GAUGE STEEL BEAMS, JOISTS, TRACK, BRIDGING AND RELATED ACCESSORIES AS INDICATED ON THE DRAWINGS.
2. DESIGN, FABRICATION AND ERECTION OF LIGHT GAUGE STEEL FRAMING SHALL BE IN ACCORDANCE WITH THE AMERICAN IRON AND STEEL INSTITUTE "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
3. THE STEEL USED SHALL HAVE THE FOLLOWING MINIMUM YIELD STRESS:  
STEEL STUDS AND JOISTS - 12, 14 OR 16 GAUGE 50 KSI  
TRACK, BRIDGING AND RELATED ACCESSORIES 33 KSI  
STEEL STUDS AND JOISTS - 18 OR 20 GAUGE 33 KSI
4. ALL LIGHT GAUGE STEEL FRAMING SHALL BE GALVANIZED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

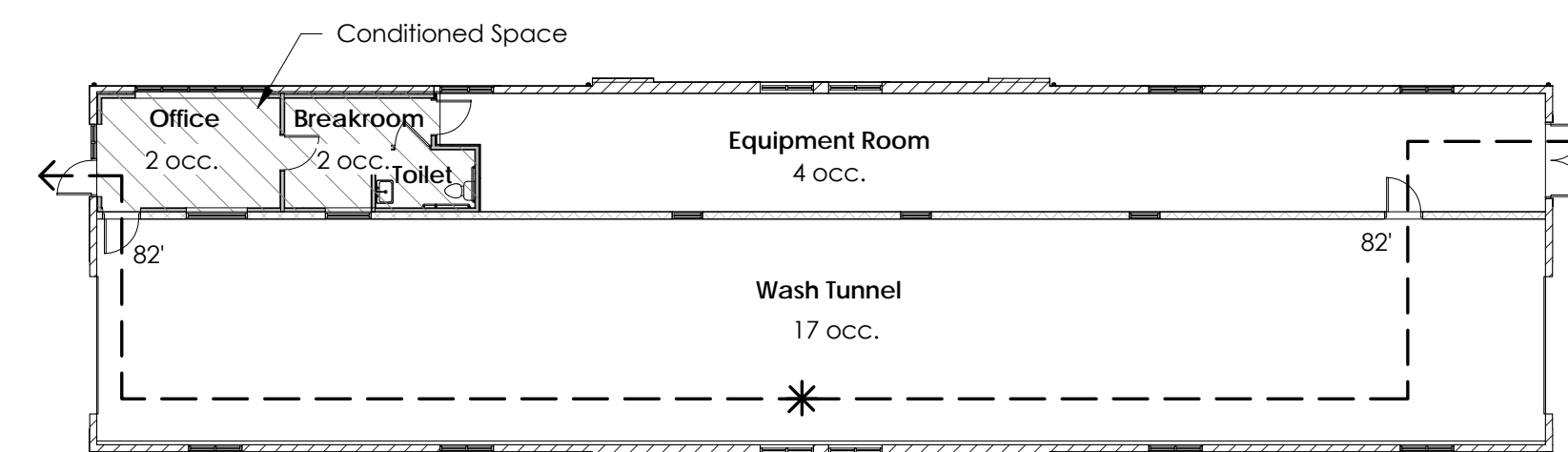
**WOOD NOTES**

1. WOOD CONSTRUCTION SHALL CONFORM TO THE AMERICAN FOREST AND PAPER ASSOCIATION'S (AF&PA) NATIONAL DESIGN SPECIFICATIONS. LUMBER SHALL BE #2 HEM-FIR OR BETTER WITH Fb=850 psi, Fv=150 psi AND E=1,300,000 psi.
2. WOOD IN CONTACT WITH MASONRY, CONCRETE OR EARTH, OR WITHIN 1'-0" OF GRADE OR EXPOSED TO THE EXTERIOR SHALL BE PRESERVE PRESERVATIVE TREATED.
3. MICRO-LAM LUMBER AND TRUS-JOISTS SHALL BE AS MANUFACTURED BY "TRUS-JOIST". BEAMS SHALL BE PROPERLY FASTENED TOGETHER WITH A MINIMUM OF 2 ROWS OF 16d NAILS PER FOOT. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
4. FRAMING ANCHORS AND MISCELLANEOUS METAL DEVICES FOR WOOD FRAMING SHALL BE GALVANIZED STEEL OF AT LEAST 1/4" GAGE THICKNESS. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. USE NAILS SUPPLIED BY OR RECOMMENDED BY THE MANUFACTURER.
5. ROOF TRUSSES, INCLUDING DESIGN, CONNECTIONS, BRACING, ERECTION, AND QUALITY SHALL CONFORM TO THE SPECIFICATIONS AND RECOMMENDATIONS OF NFPA AND THE TRUSS PLATE INSTITUTE (TPI). TEMPORARY AND PERMANENT BRACING SHALL BE IN STRICT ACCORDANCE WITH ANSI/TPI-3-2014. BRACING WOOD TRUSSES. TRUSS MANUFACTURER'S REPRESENTATIVE SHALL BE ON SITE AS NECESSARY TO ENSURE THAT TRUSSES AND BRACING IS INSTALLED PER MANUFACTURER'S SHOP DRAWINGS.
6. SUBMIT DESIGN CALCULATIONS AND SHOP DRAWINGS FOR ROOF TRUSSES. PREPARED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK, TO THE ARCHITECT FOR REVIEW BEFORE BEGINNING FABRICATION.
7. FASTENERS, INCLUDING NUTS AND WASHERS, IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE OF HOT-DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL.

**TRUSS IDENTIFICATION SIGNAGE:** Required signage for this project shall be:



SIGN LOCATION	SIGN PLACEMENT
EXTERIOR BUILDING ENTRANCE DOORS, EXTERIOR EXIT DISCHARGE DOORS, AND EXTERIOR ROOF ACCESS DOORS TO A STAIRWAY	ATTACHED TO THE DOOR, OR ATTACHED TO A SIDELIGHT OR THE FACE OF THE BUILDING, NOT MORE THAN 12 INCHES (305 MM) HORIZONTALLY FROM THE LATCH SIDE OF THE DOOR JAMB, AND NOT LESS THAN 42 INCHES (1067 MM) NOR MORE THAN 60 INCHES (1524 MM) ABOVE THE ADJOINING WALKING SURFACE.
MULTIPLE CONTIGUOUS EXTERIOR BUILDING ENTRANCE OR EXIT DISCHARGE DOORS	ATTACHED AT EACH END OF THE ROW OF DOORS AND AT A MAXIMUM HORIZONTAL DISTANCE OF 12 FEET (3.65M) BETWEEN SIGNS, AND NOT LESS THAN 42 INCHES (1067 MM) NOR MORE THAN 60 INCHES (1524 MM) ABOVE THE ADJOINING WALKING SURFACE.
FIRE DEPARTMENT HOSE CONNECTIONS	ATTACHED TO THE FACE OF THE BUILDING, NOT MORE THAN 12 INCHES (305 MM) HORIZONTALLY FROM THE CENTER LINE OF THE FIRE DEPARTMENT HOSE CONNECTION, AND NOT LESS THAN 42 INCHES (1067 MM) NOR MORE THAN 60 INCHES (1524 MM) ABOVE THE ADJOINING WALKING SURFACE.



1 First Floor Code Plan

The total occupant count: 25 occupants  
The occupant count is based on square foot area for each space function:  
• Business areas - including wash tunnel (1150 gross)  
• Storage and Mechanical areas (300 gross)

Code Review Summary		
Applicable Codes: NYSBC 2020 and ICC/ANSI A117.1-2009		
Building Code		
Building Use/Description	Car Wash + Office	
Occupancy (ies)	Business	
Construction Type	VB	
Hazard Classification	N/A	
No. of Stories/Building Height	1 stories above grade Building Height: 30'-6" +/-	
Base Fire Area (Sprinklered, Table 506.2)	36,000 square feet	
Project Area	4,096 square feet	
Exits: Number and Size (inches)	Required	Provided
	1 @ 36"	1 @ 36", 1@72"
Max. Travel Distance	250'	See plan (does not exceed code allowed travel distance)
Automatic Sprinklers	Required by local...	Provided
Smoke and Fire Detection	Required	Provided
Fire Alarms	As required by local jurisdiction	Provided as required
Plumbing Code		
	Required	Provided
Water Closet (total)	1	1
Lavatories	1	1
Drinking Fountains	1	1 sink substituted
Service Sink	1	1

Stamp:



Client:  
**Royal Car Wash**  
  
2851 Monroe Avenue  
Rochester, NY 14618

**Passero Associates**

242 West Main Street, Suite 100 (585) 325-1000  
Rochester, NY 14614 Fax: (585) 325-1691  
Project Manager: Peter Wehner, AIA  
Project Architect: Timothy Geier, AIA  
Designer:

No.	Date	By	Description

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**Code Review and Specifications**

**1190 Chili Ave.**  
  
Royal Car Wash - Gates

Town/City: Rochester  
County: Monroe State: New York

Project No.:  
**20192886.0001**

Drawing No.:  
**A-002**

Date:  
**June 16, 2020**

**Permit Set**

Table 1705.3				
REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION				
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE
1. INSPECT REINFORCEMENT AND VERIFY PLACEMENT	-	X	ACI 318 CH. 20, 25.2, 25.3, 26.5.1-26.5.3	1908.4
2. REINFORCING BAR WELDING: a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706; b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND c. INSPECT ALL OTHER WELDS	- - X	X X -	AWS D1.4 ACI 318: 26.5.4	-
3. INSPECT ANCHORS CAST IN CONCRETE	-	X	ACI 318: 17.8.2	-
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS: a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	X -	- X	ACI 318: 17.8.2.4 ACI 318: 17.8.2	-
5. VERIFY USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: Ch. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE. 506.2)	X	-	ASTM C172, ASTM C31, ACI 318: 26.4.5, 26.12	1908.10
7. INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-	ACI 318 26.4.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318: 26.4.7-26.4.9	1908.9
9. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X	ACI 318:26.10.1(b)	-

NOTES:  
a. WHERE APPLICABLE, SEE ALSO SECTION 1705.12 OF IBC, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.  
b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

Table 1705.4					
REQUIRED SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTION					
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD		IBC REFERENCE
			ACI 530/ASCE 5/ TMS 402	ACI 530.1/ASCE 6/ TMS 602	
1. FROM THE BEGINNING OF MASONRY CONSTRUCTION, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE: a. PROPORTIONS OF SITE-MIXED MORTAR, GROUT, b. PLACEMENT OF MASONRY UNITS AND CONSTRUCTION OR MORTAR JOINTS, c. PLACEMENT OF REINFORCEMENT AND CONNECTORS, d. GROUT SPACE PRIOR TO GROUTING, e. PLACEMENT OF GROUT.		X X X X	SEC. 1.12.3	ART. 2.6A ART. 3.3B ART. 3.4 ART 3.2D ART 3.5	
2. THE INSPECTION PROGRAM SHALL VERIFY: a. SIZE AND LOCATION OF STRUCTURAL ELEMENTS, b. TYPE, SIZE AND LOCATIONS OF ANCHORS INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION, c. SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT, d. WELDING OF REINFORCING BARS, e. PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F).	X	X X	SEC. 1.15.4, 2.1.2	ART. 3.3G ART. 2.4, 3.4 ART. 1.8	2108.9.2.11 ITEM 2 2104.3, 2104.4
3. PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS SHALL BE OBSERVED.		X		ART. 1.4	2105.3, 5105.4, 2105.5
4. COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED.		X		ART. 1.5	

NOTES:  
a. WHERE APPLICABLE, SEE ALSO SECTION 1705.12 OF IBC, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.

Table 1705.5			
REQUIRED SPECIAL INSPECTIONS AND VERIFICATION OF WOOD CONSTRUCTION			
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	IBC REFERENCE
1. INSPECTION TO FABRICATORS: a. VERIFY THAT THE FABRICATOR MAINTAINS DETAIL FABRICATION AND QUALITY CONTROL PROCEDURES.  EXCEPTION: FABRICATORS THAT ARE APPROVED IN ACCORDANCE WITH 1704.2.5.1.		X	1704.2.5.1

Table 1705.6			
REQUIRED SPECIAL INSPECTIONS AND VERIFICATION OF EARTHWORK			
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	IBC REFERENCE
1. PRIOR TO PLACING ENGINEERED OR ON-SITE FILL MATERIAL, CONFIRM THAT SUBGRADE HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROJECT GEOTECHNICAL ENGINEER PACKAGE.		X	1704.7.1
2. DURING PLACEMENT AND COMPACTION OF FILL MATERIAL, VERIFY THAT THE MATERIAL AND ITS METHOD OF PLACEMENT AND COMPACTION CONFORM TO THE REQUIREMENTS OF BOTH THE PROJECT GEOTECHNICAL ENGINEER AND THE CONTRACT DOCUMENTS.		X	1704.7.2
3. VERIFY FINAL IN-PLACE FILL MATERIAL DENSITY MEETS THE PROJECT GEOTECHNICAL ENGINEER AND CONTRACT DOCUMENT REQUIREMENTS.		X	1704.7.3
4. INSPECT FOUNDATION BEARING STRATA PRIOR TO PLACING CONCRETE FOR CONFORMANCE WITH GEOTECHNICAL EVALUATION REPORT.	X		
5. VERIFY THAT UNDERSLAB GRANULAR FILL AND ITS METHOD OF PLACEMENT CONFORM TO THE REQUIREMENTS OF THE PROJECT GEOTECHNICAL ENGINEER AND THE CONTRACT DOCUMENTS.		X	

Stamp:



Client:  
**Royal Car Wash**  
2851 Monroe Avenue  
Rochester, NY 14618

**Passero Associates**  
242 West Main Street, Suite 100 (585) 325-1000  
Rochester, NY 14614 Fax: (585) 325-1691  
Project Manager: Peter Wehner, AIA  
Project Architect: Peter Wehner, AIA  
Designer: Timothy Geier, AIA

No.	Date	By	Description

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**Special Inspections**  
  
**1190 Chili Ave.**  
  
Royal Car Wash - Gates  
  
Town/City: Rochester  
County: Monroe State: New York  
Project No.:  
**20192886.0001**  
Drawing No.:  
**A-003**  
Date:  
**June 16, 2020**

**Permit Set**

**Construction Notes:**

- All final door selections and frame systems shall be determined by owner. Door hardware shall be lever type and ADA compliant.
- Final ceiling layout to be provided by others.
- All casework designs and shop drawing submittals shall be provided and reviewed by others.
- Final interior finishes shall be selected by owner (flooring, wall covering, paint, etc.)
- Coordinate all piping and foundation penetrations with MEP and equipment drawings.

Lintel Schedule	
L-1	W8x24 w/ 5/16"x7" PL
L-2	2L 4x3-1/2 x1/2 (LLV)
L-3	2L 5x3-1/2 x5/16 (LLV)
L-4	W16x31 w/ 3/8"x7"x8" PL

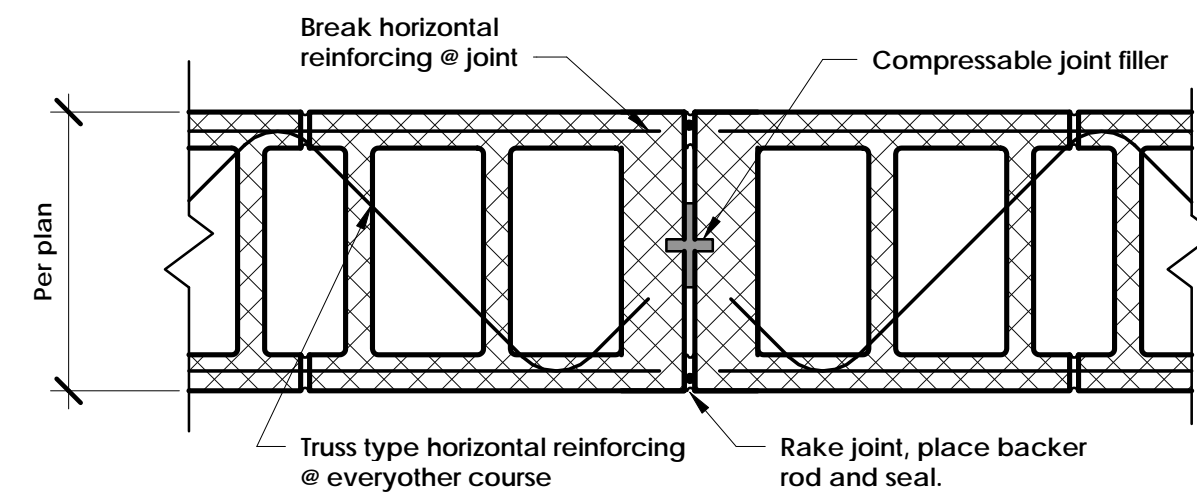
\*Lintels to be galvanized in exterior and wet locations.

WALL TYPES	
A	8" Quik-Brik wall
B	8" Quik-Brik wall w/ 1" rigid insulation, 3 5/8" metal studs w/ R-13 batt insulation @ 16" O.C. and (1) layer 5/8" gyp. board
C	3-5/8" metal studs @ 16" O.C. w/ (1) layer 5/8" gyp. board each side, and R-13 insulation in wall cavity
C1	Provide 1" rigid insulation @ equipment room side of wall w/ 5/8" gyp. bd. over
D	12" Quik-Brik wall
E	8" CMU wall
F	8" CMU wall w/ 1" rigid insulation, 3-5/8" metal studs @ 16" O.C., R-13 insulation, and (1) layer 5/8" gyp. board

*Wall type note: Provide moisture resistant gyp. bd. for all wet areas, including Office, Toilet, Equipment Room, Wash Tunnel, Breakroom. Provide FRP at all Toilet walls up to 8'-0". Provide AZEK base at all gyp. board walls, unless noted otherwise.*

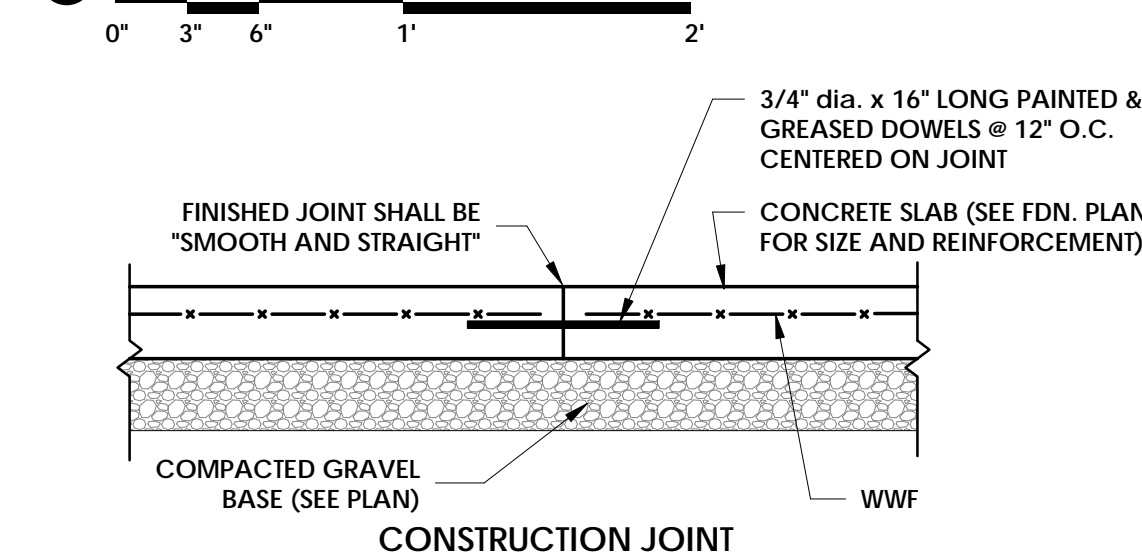
**Floor Plan Keynotes**

- 1" insulated tempered glass in an aluminum frame
- Trench drain @ wash bay, Coordinate final size, location, and details of trench drain with equipment drawings
- Provide bollards where shown
- Contractor to install waterproof panels, provided by owner. See A-500 for details.
- Location of steel lintel
- Floor drain, typ. Coordinate location and count with plumbing drawings.
- Control Joint, typical
- See A-500 for typical restroom details
- Foundation wall pilaster: 8"x36" to support the haunched concrete slab.
- Ceiling fan in Office, refer to electrical drawings for additional information.
- Location of attic access panel.
- Drain pit, Coordinate final size, location, and details of drain pit with equipment drawings

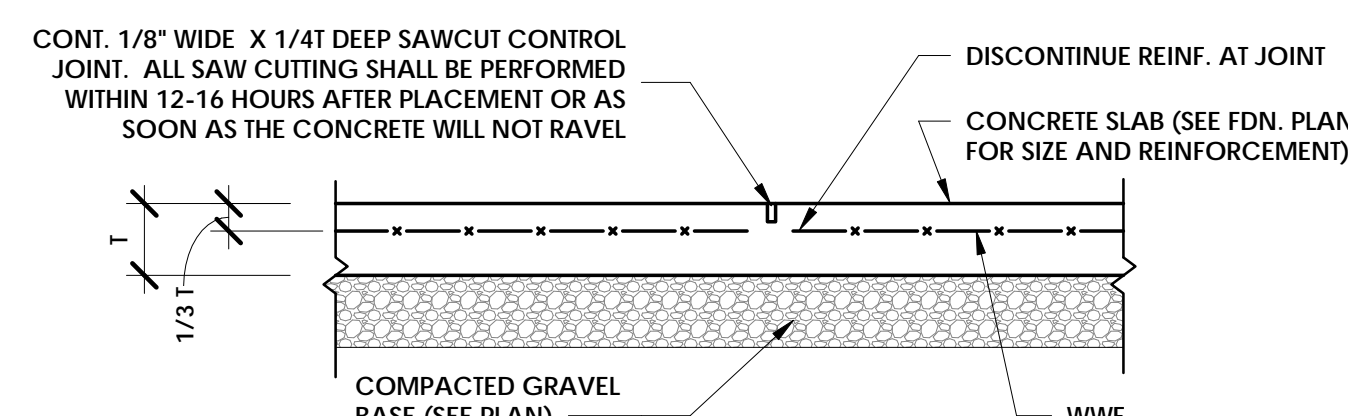


TYPICAL PLAN AT WALL

**3 Typical Masonry Wall Control Joint Detail**

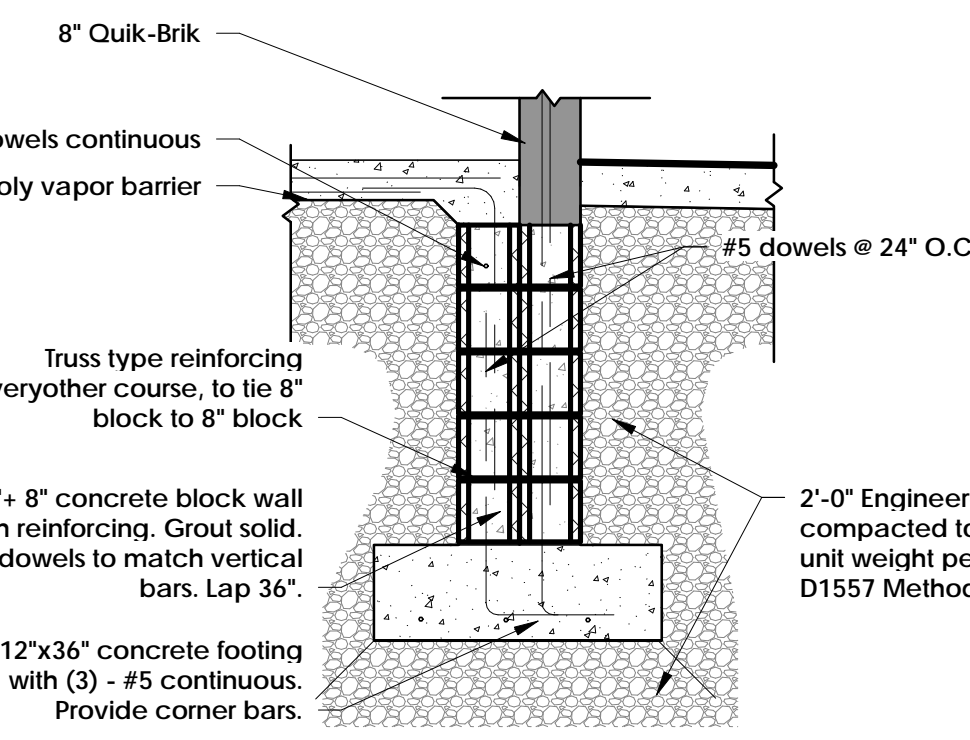


CONSTRUCTION JOINT

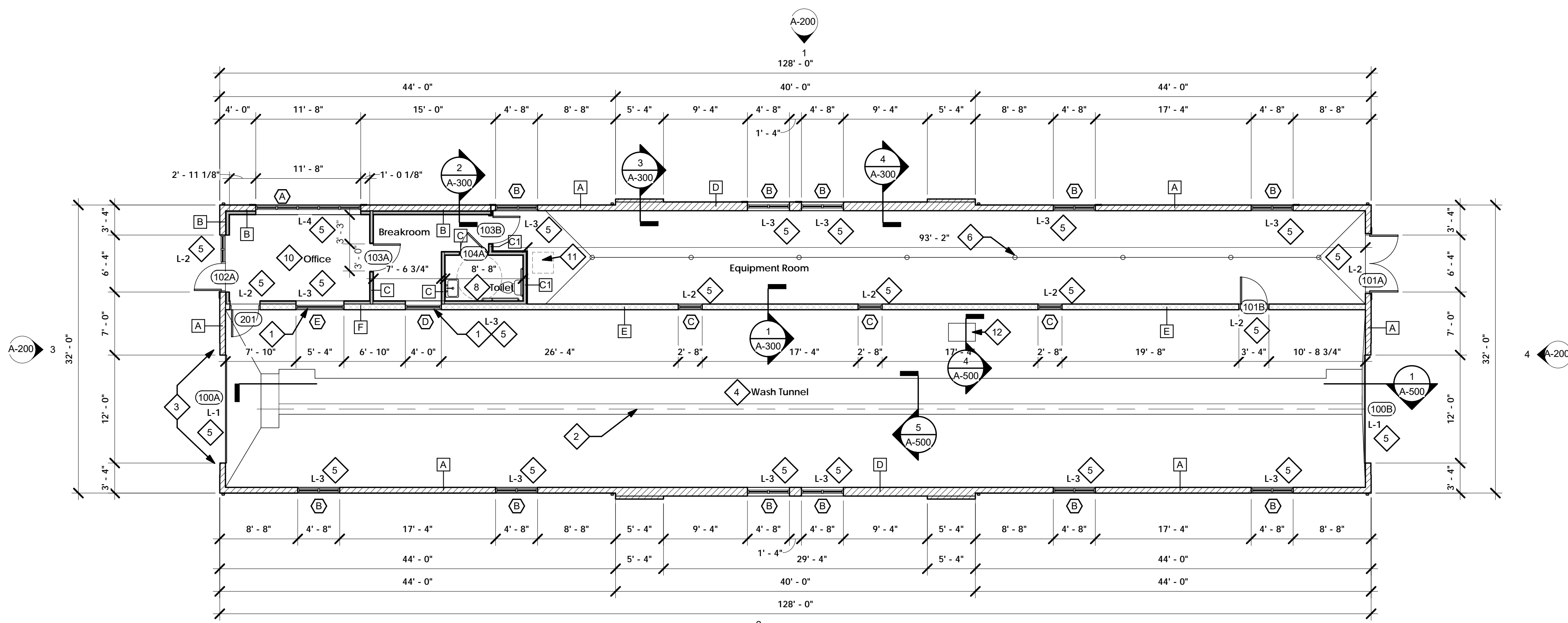


SAWCUT CONTROL JOINT

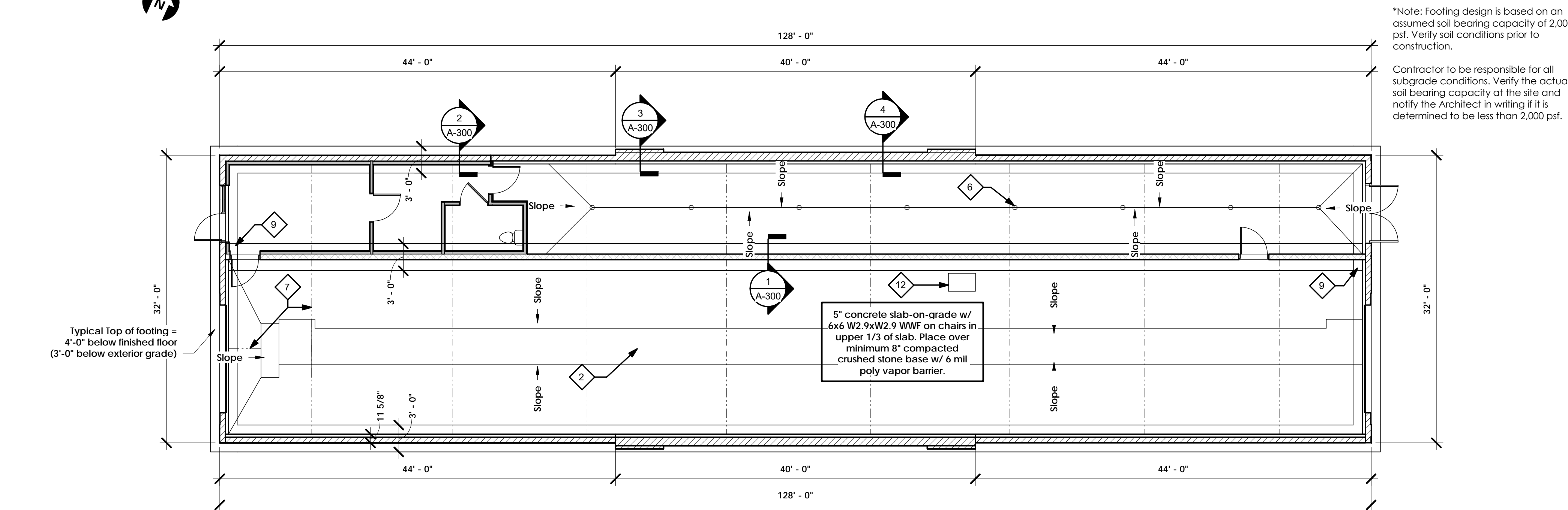
**4 Typical Slab Joints**



**5 Typical Foundation Wall Pier**



**2 First Floor Plan**



**1 Foundation/Slab Plan**

\*Note: Footing design is based on an assumed soil bearing capacity of 2,000 psf. Verify soil conditions prior to construction.

Contractor to be responsible for all subgrade conditions. Verify the actual soil bearing capacity of the site and notify the Architect in writing if it is determined to be less than 2,000 psf.



Client:  
**Royal Car Wash**  
2851 Monroe Avenue  
Rochester, NY 14618

**Passero Associates**  
242 West Main Street, Suite 100  
Rochester, NY 14614  
(585) 325-1000  
Fax: (585) 325-1691  
Project Manager: Peter Wehner, AIA  
Project Architect: Timothy Geier, AIA  
Designer:

No.	Date	By	Description

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**Floor Plans**  
**1190 Chili Ave.**  
Royal Car Wash - Gates  
Town/City: Rochester  
County: Monroe State: New York

Project No.:  
**20192886.0001**

Drawing No.:  
**A-100**

Date:  
June 16, 2020

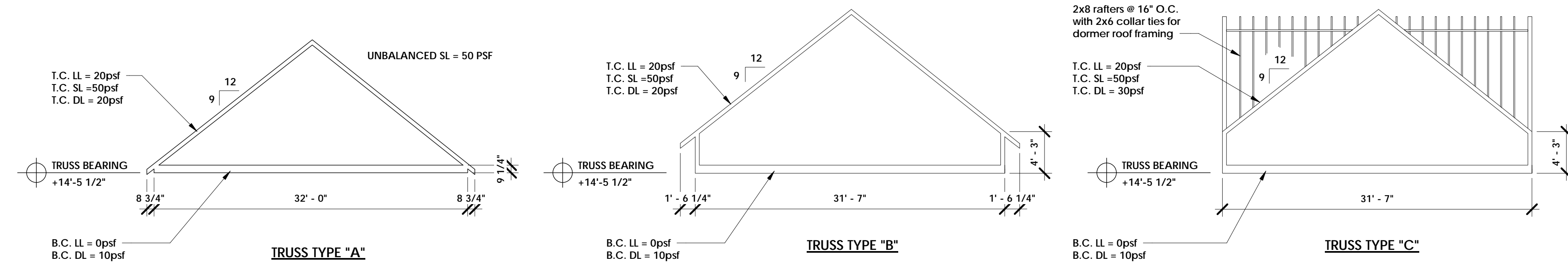
**Permit Set**

**WOOD FRAMING NOTES:**

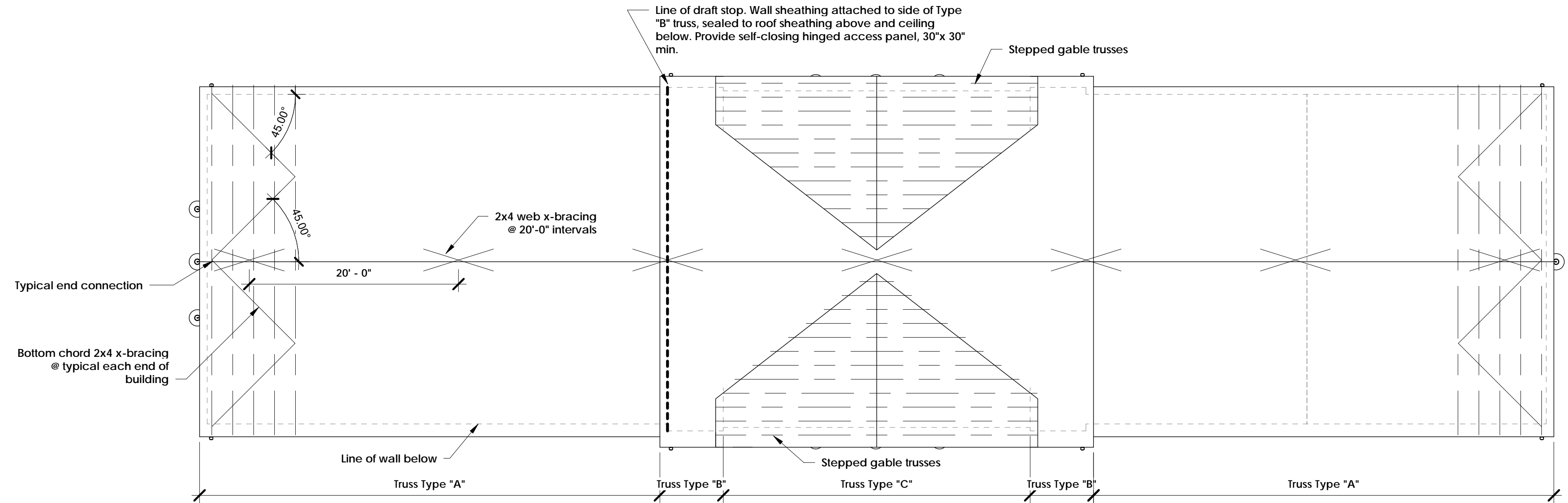
- WALL SHEATHING SHALL BE APA RATED 15/32" MIN. THK. PLYWOOD SHALL BE EXTERIOR GRADE, NAILING SHALL BE 6d NAILS 6" O.C. AT EDGES AND 12" O.C. AT INTERIOR SUPPORTS.
- ROOF SHEATHING SHALL BE APA RATED 32/16, W/ MIN. THK. OF 15/32". PLYWOOD SHALL BE EXTERIOR GRADE. PANEL CLIPS SHALL BE PROVIDED AT ALL NON-SUPPORTED EDGES, NAILING SHALL BE 6d NAILS 6" O.C. AT EDGES AND 12" O.C. AT INT. SUPPORTS. PROVIDE RECOMMENDED GAP AT ALL PANEL JOINTS.
- ROOF TRUSSES SHALL BE DESIGNED FOR LOADS AS INDICATED. LIVE LOAD DEFLECTION SHALL NOT EXCEED L/240 OF THE SPAN. ROOF TRUSSES SHALL BE MANUFACTURED BY SUPPLIERS MEETING THE STANDARDS OF TPI. SHOP DRAWINGS SHALL BE STAMPED AND SIGNED BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER.
- TRUSSES SHALL BE BRACED DURING ERECTION IN ACCORDANCE WITH "COMMENTARY AND RECOMMENDATIONS FOR BRACING WOOD TRUSSES" PUBLISHED BY THE TRUSS PLATE INSTITUTE.
- TEMPORARY TRUSS BRACING SHALL NOT BE REMOVED UNTIL PERMANENT LATERAL TRUSS BRACING IS INSTALLED AND ALL OTHER IMPROVEMENTS ARE COMPLETE.
- PERMANENT BOTTOM CHORD TRUSS BRACING SHALL BE PROVIDED IN THE PLANE OF THE TRUSS BOTTOM CHORD AND SHALL CONSIST OF BOTH LATERAL BRACING SPACED NOT MORE THAN 10 FEET ON CENTER AND DIAGONAL BRACED BAYS AT BUILDING ENDS AND INTERMEDIATE INTERVALS NO GREATER THAN 20 FEET ON CENTER. BRACING SHALL BE CONST. GRADE 2X4, UNLESS NOTED.
- PERMANENT WEB TRUSS BRACING SHALL BE PROVIDED IN THE PLANE OF THE TRUSS WEB MEMBERS AND SHALL CONSIST OF DIAGONAL BRACING SPACED AT NOT MORE THAN 20 FEET ON CENTER. BRACING SHALL BE CONST. GRADE 2X4'S PLACED AT NEAR 45 DEG. ANGLES
- PERMANENT TRUSS BRACING SHALL BE ANCHORED TO SOLID END WALLS.
- NO SPLICES, CUTS, OR OTHER MODIFICATIONS SHALL BE MADE TO TRUSS MEMBERS UNLESS APPROVED BY THE ENGINEER OR SHOWN ON THE SHOP DRAWINGS.
- TRUSS DESIGNS SHALL BE FURNISHED WITH A SETTING PLAN SHOWING LOCATION OF PIECES AND ANY BRIDGING AS REQUIRED BY THE TRUSS DESIGN.
- STRUCTURAL DIMENSION LUMBER SHALL HAVE THE FOLLOWING MINIMUM DESIGN PROPERTIES:
  - HEM FIR NO.2 OR BETTER.
  - 1,850 PSI - F<sub>b</sub> (SINGLE USE)
  - 2,977 PSI - F<sub>b</sub> (REPETITIVE USE)
  - 4,055 PSI - F<sub>c</sub> (PERP. TO GRAIN)
  - 75 PSI - F<sub>v</sub>
  - 1,300,000 PSI - E

**TRUSS NOTES:**

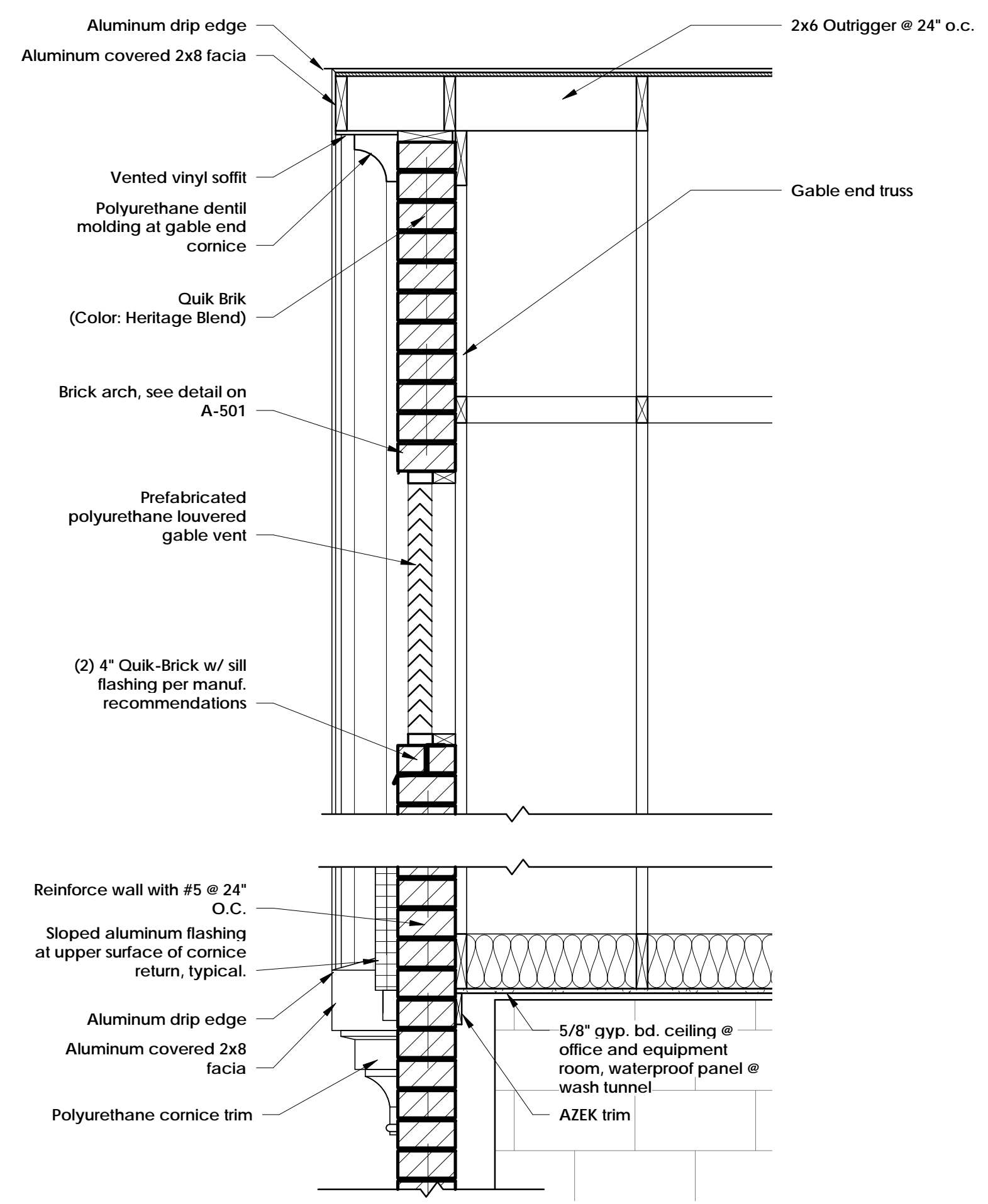
- TRUSS PROFILE SHOWN FOR REFERENCE ONLY MANUFACTURER IS RESPONSIBLE FOR CHORD LAYOUT AS REQUIRED FOR DESIGN LOAD
- PROVIDE TRUSS BRACING AS INDICATED PER DIAGRAM. PROVIDE GYP BOARD BOTTOM CHORD DIAPHRAGM OR 2X4s @24" O.C. EXTENDED TO END BRACING.
- (2) ROWS OF ICE & WATER SHIELD
- ICE & WATER SHIELD @ VALLEYS, INSTALL PER MANUF. RECOMMENDATIONS & BUILDING CODE
- UNBALANCED SNOW LOAD PER CODE REQUIREMENTS.
- SEE SCHEMATIC TRUSS TYPES FOR DESIGN LOADS
- INSTALL ANY PIGGYBACK TRUSSES PER MANUF. STANDARD INSTALLATION DETAILS AND REQUIREMENTS



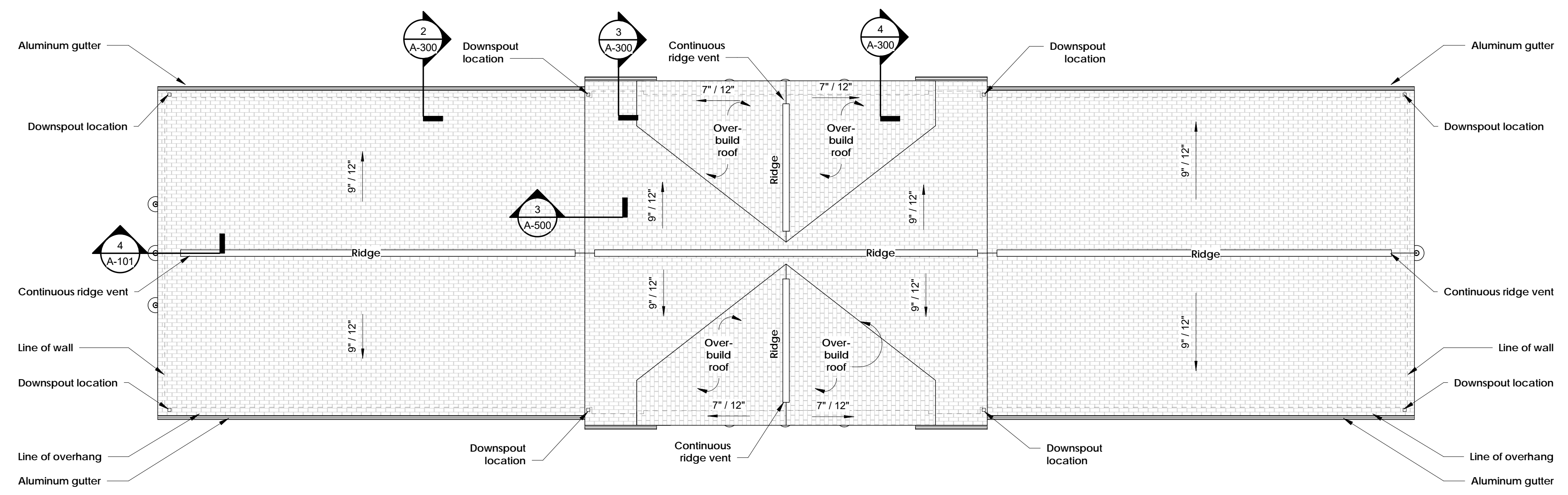
③ Truss Types  
0' 2' 4' 8' 16'



② Framing Plan  
0' 2' 4' 8' 16'



④ Gable End Section  
0' 6" 1' 2' 4'



① Roof  
0' 2' 4' 8' 16'



Client:  
**Royal Car Wash**  
2851 Monroe Avenue  
Rochester, NY 14618

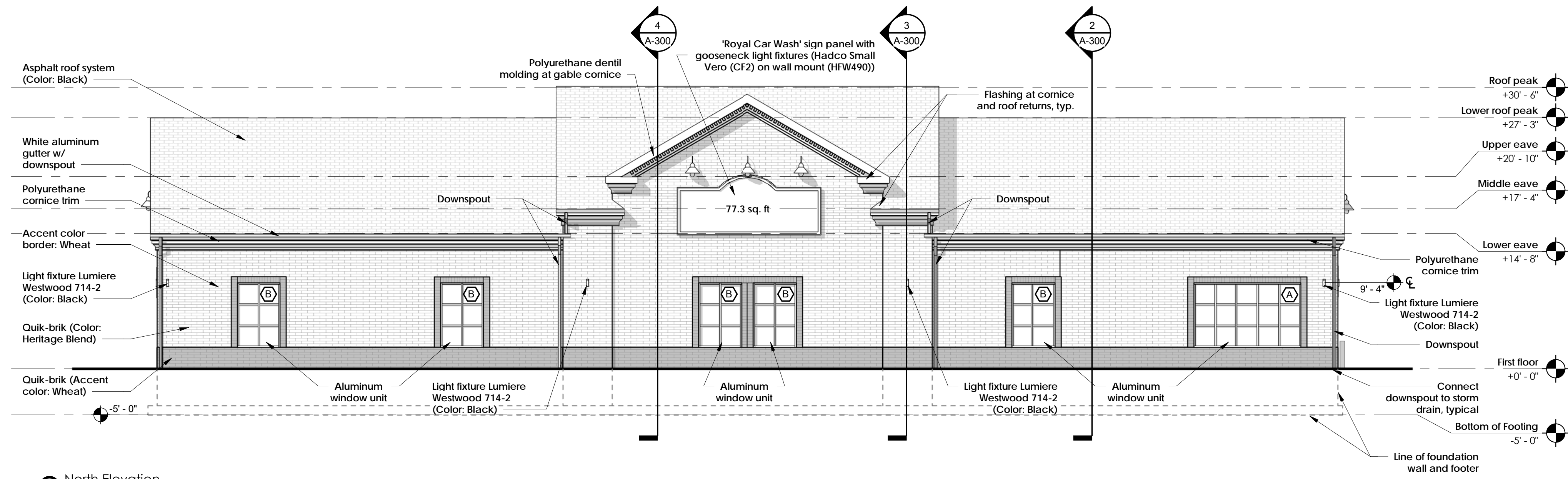
**Passero Associates**  
242 West Main Street, Suite 100 (585) 325-1000  
Rochester, NY 14614 Fax: (585) 325-1691  
Project Manager: Peter Wehner, AIA  
Project Architect: Timothy Geier, AIA  
Designer:

No.	Date	By	Description

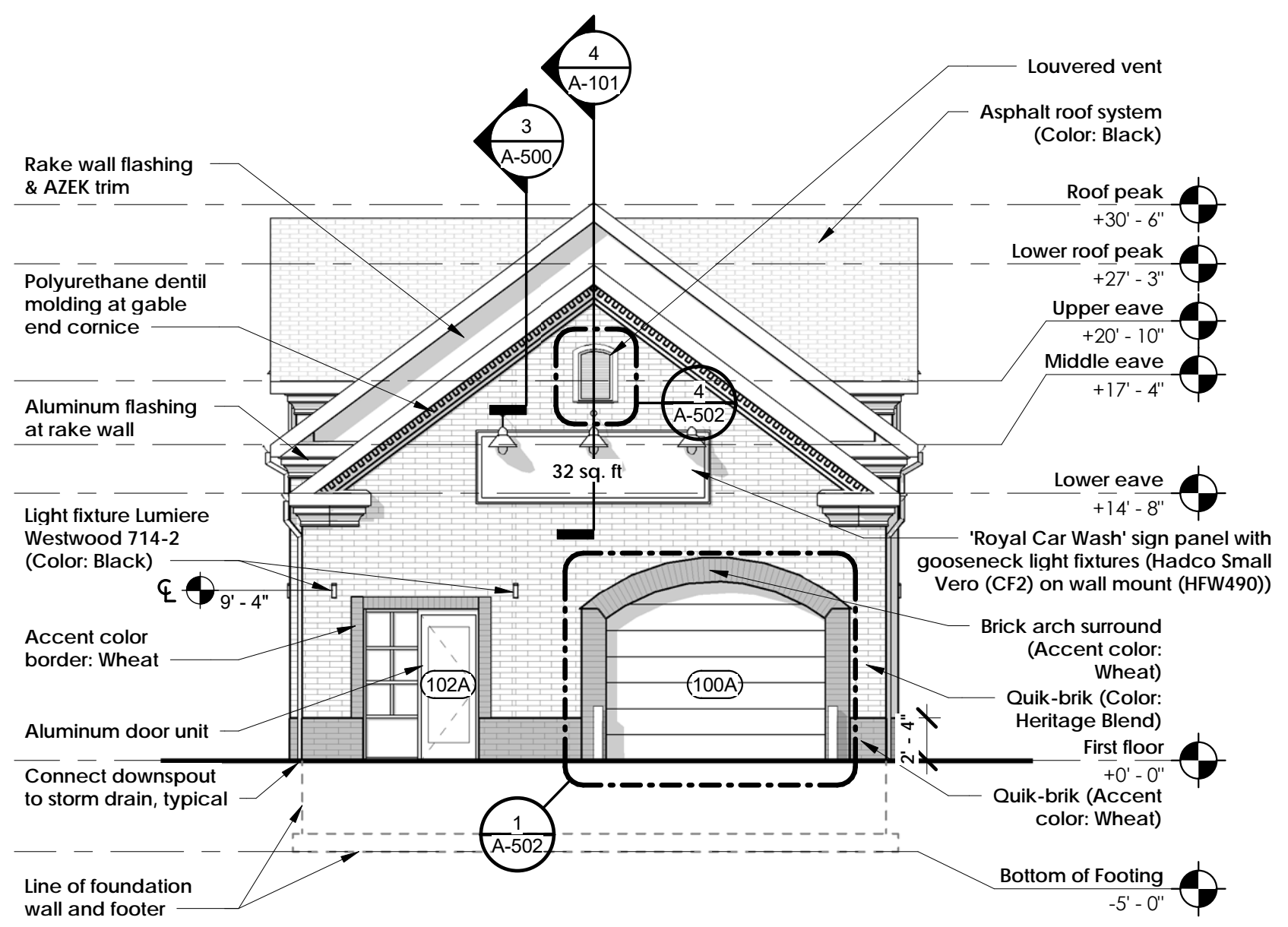
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**Roof Plans**  
**1190 Chili Ave.**  
Royal Car Wash - Gates  
Town/City: Rochester  
County: Monroe State: New York  
Project No.:  
**20192886.0001**  
Drawing No.:  
**A-101**  
Date:  
June 16, 2020

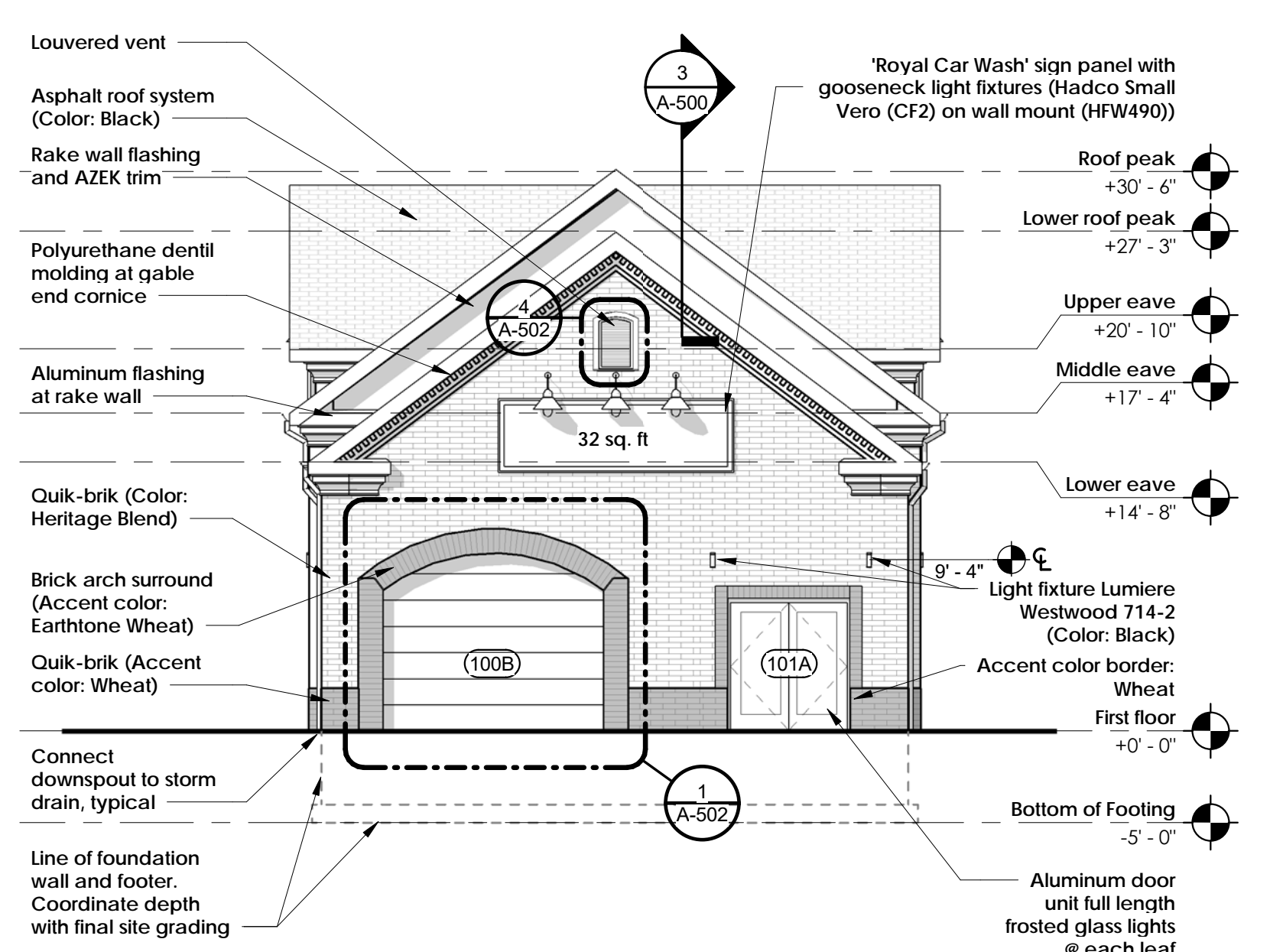
**Permit Set**



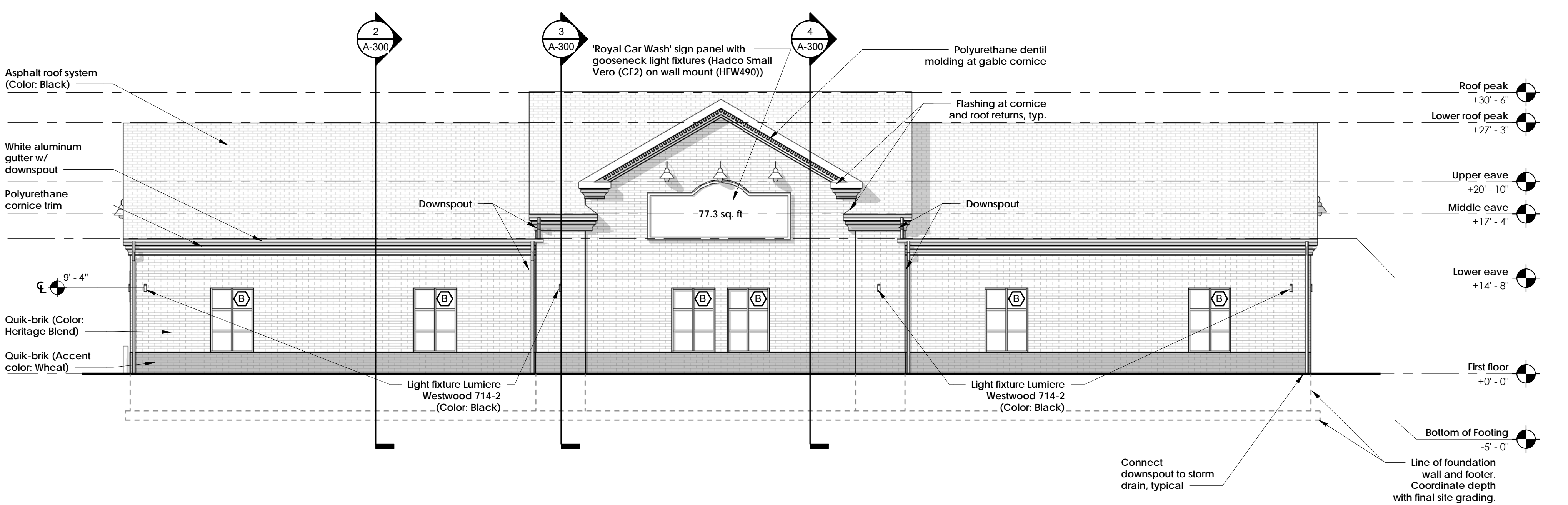
1 North Elevation  
0' 2' 4' 8' 16'



3 West Elevation  
0' 2' 4' 8' 16'



4 East Elevation  
0' 2' 4' 8' 16'



2 South Elevation  
0' 2' 4' 8' 16'



Client:  
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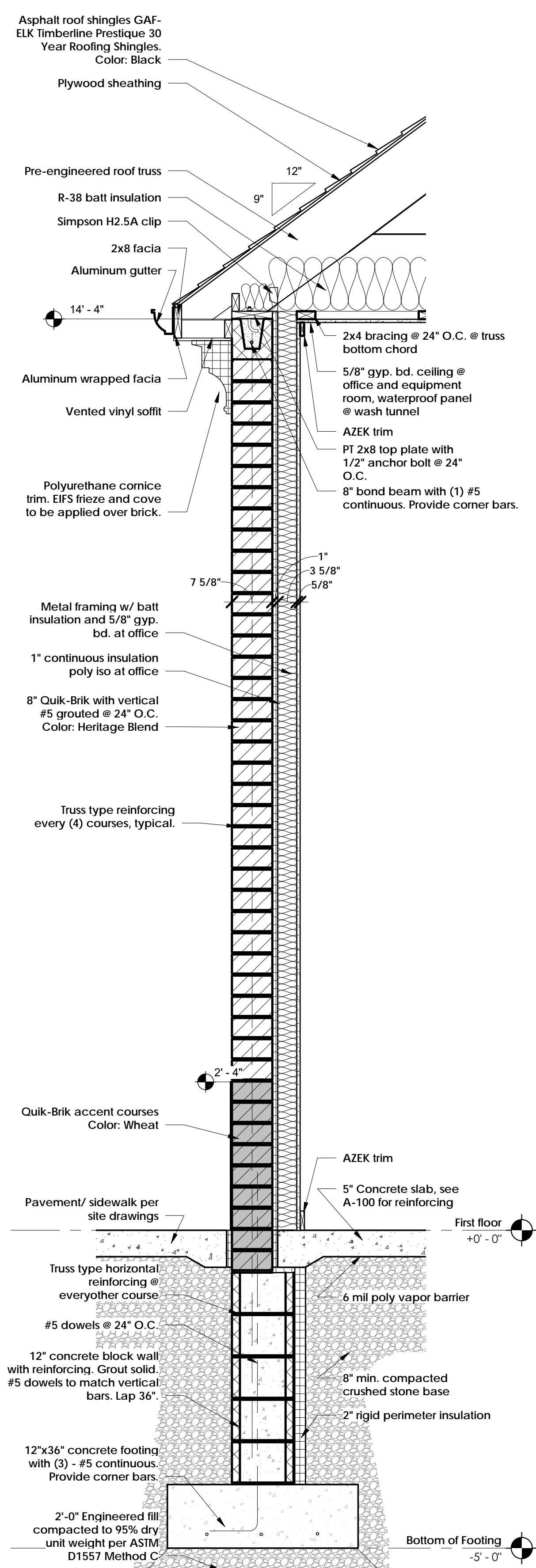
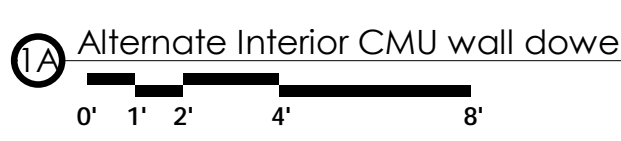
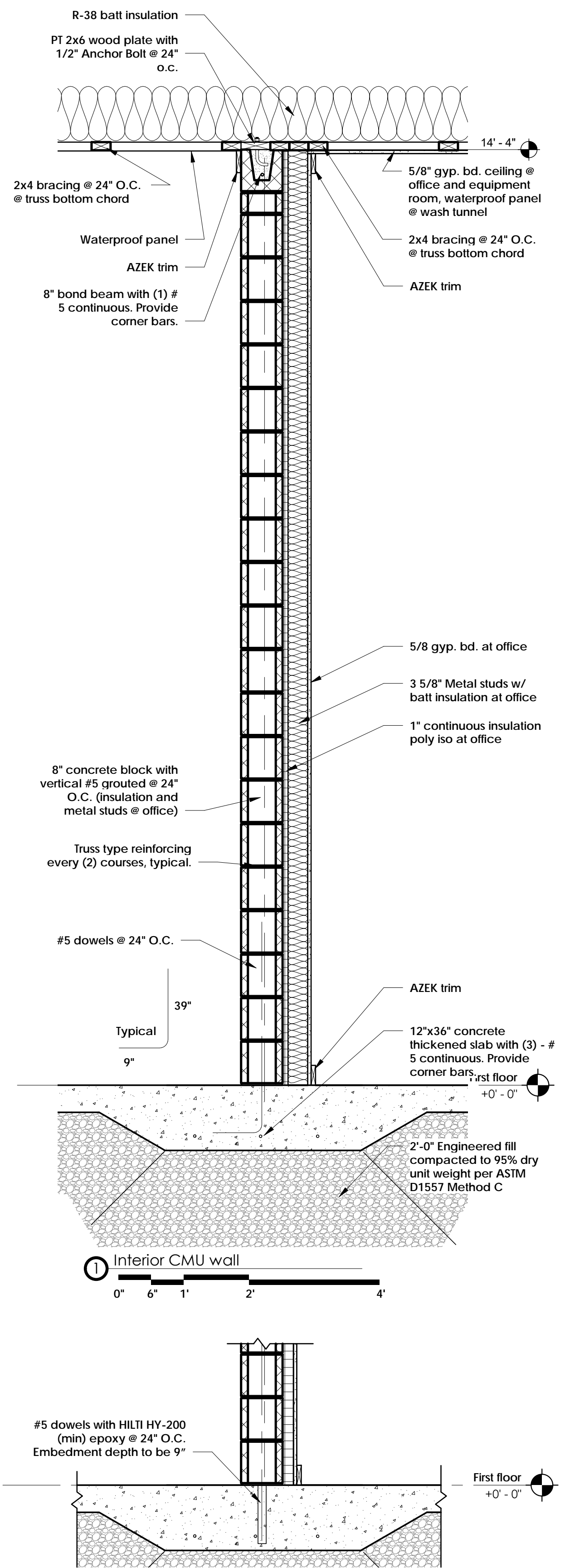
No.	Date	By	Description

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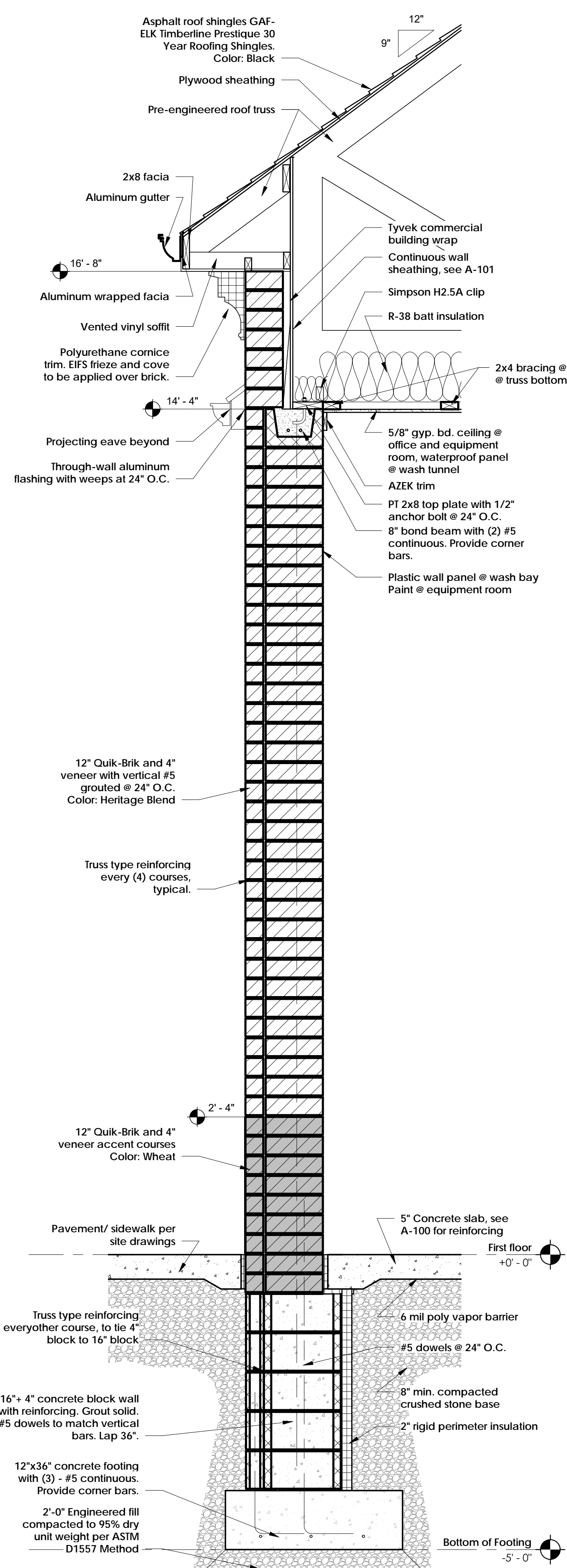
**Exterior Elevations**  
**1190 Chili Ave.**  
Royal Car Wash - Gates  
Town/City: Rochester  
County: Monroe State: New York  
Project No.: 20192886.0001  
Drawing No.: **A-200**  
Date: June 16, 2020

**Permit Set**

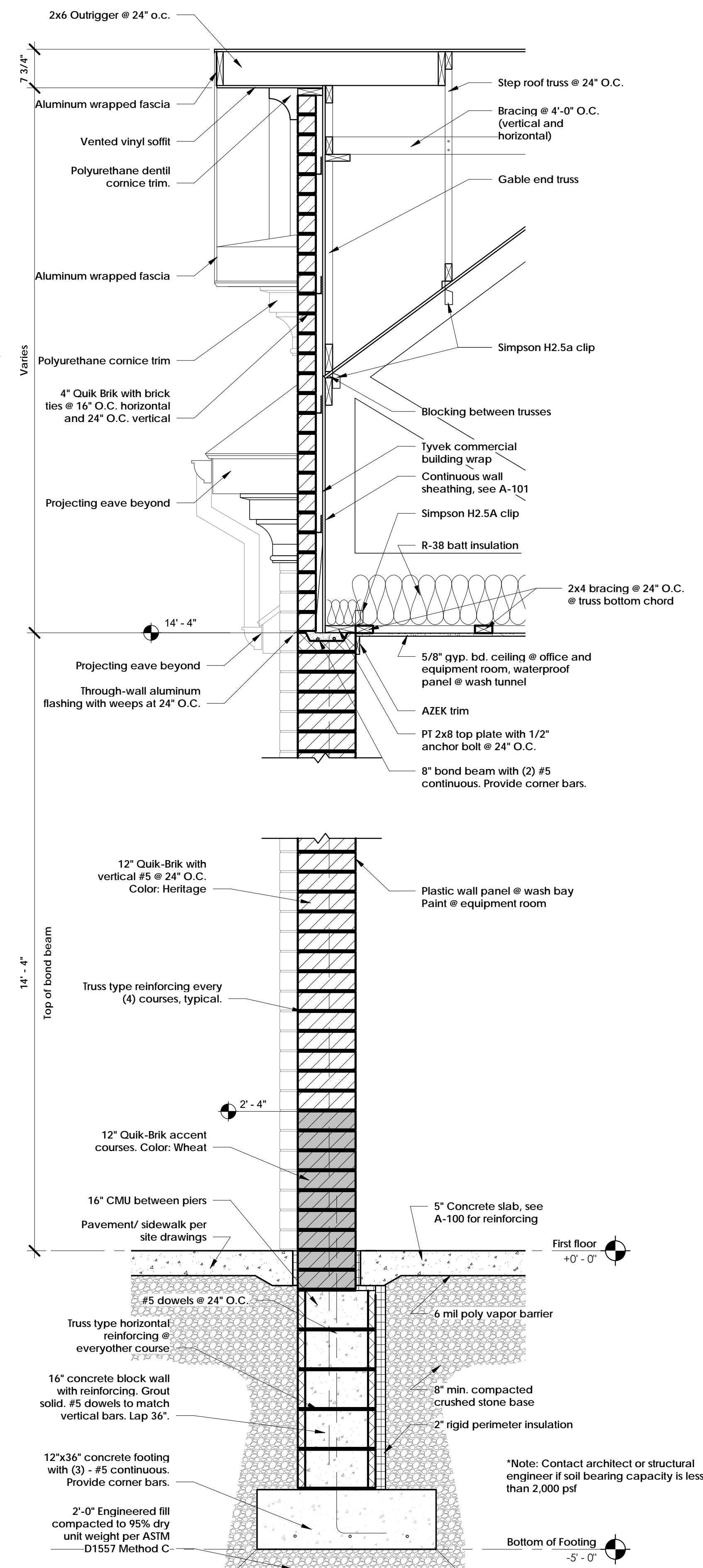
Notes:  
\* Contact architect or structural engineer if soil bearing capacity is less than 2,000 psf



② Exterior Wall @ 8" Brick



③ Exterior Wall @ 16" Pilasters



④ Exterior Wall @ 12" Brick

\*Note: Footing design is based on an assumed soil bearing capacity of 2,000 psf. Contractor to be responsible for all subgrade conditions. Verify soil conditions and actual soil bearing capacity at the site and notify the Architect in writing if it is determined to be less than 2,000 psf.

\*Note: Contact architect or structural engineer if soil bearing capacity is less than 2,000 psf



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Project Manager: Peter Wehner, AIA  
Project Architect: Timothy Geier, AIA  
Designer:

No.	Date	By	Description

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**Wall Sections**  
**1190 Chili Ave.**  
Royal Car Wash - Gates

Town/City: Rochester  
County: Monroe State: New York

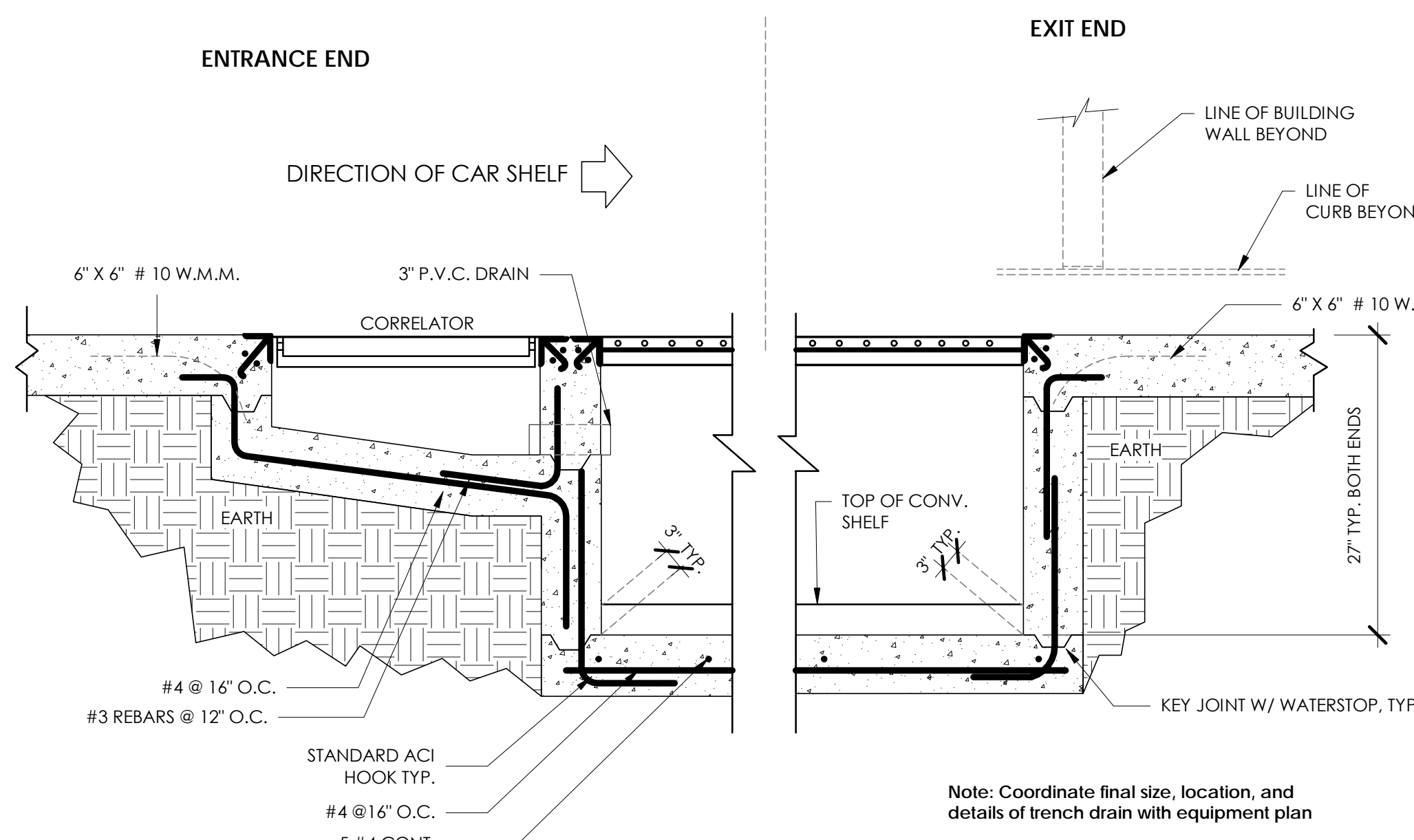
Project No.: 20192886.0001

Drawing No.: **A-300**

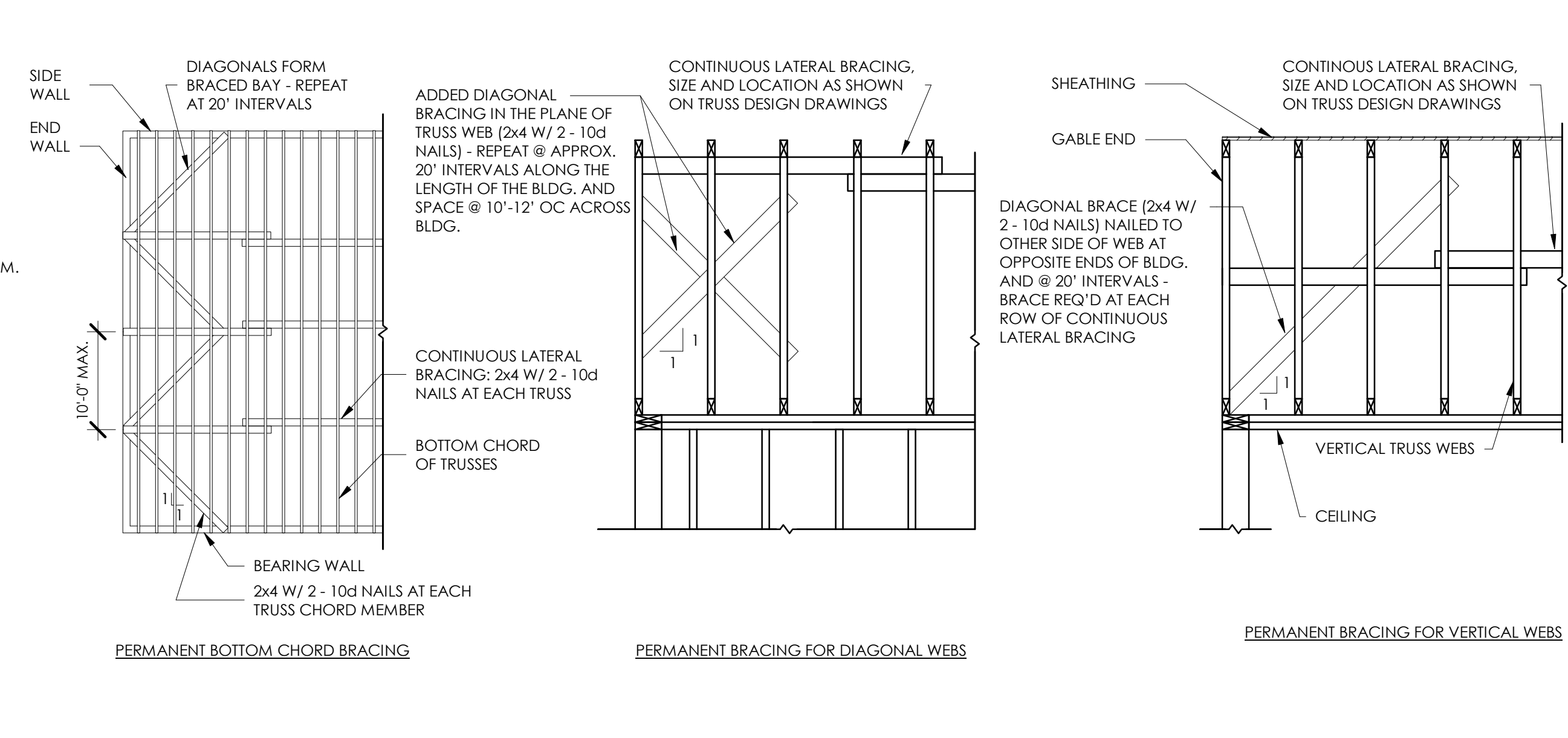
Date: June 16, 2020

**Permit Set**

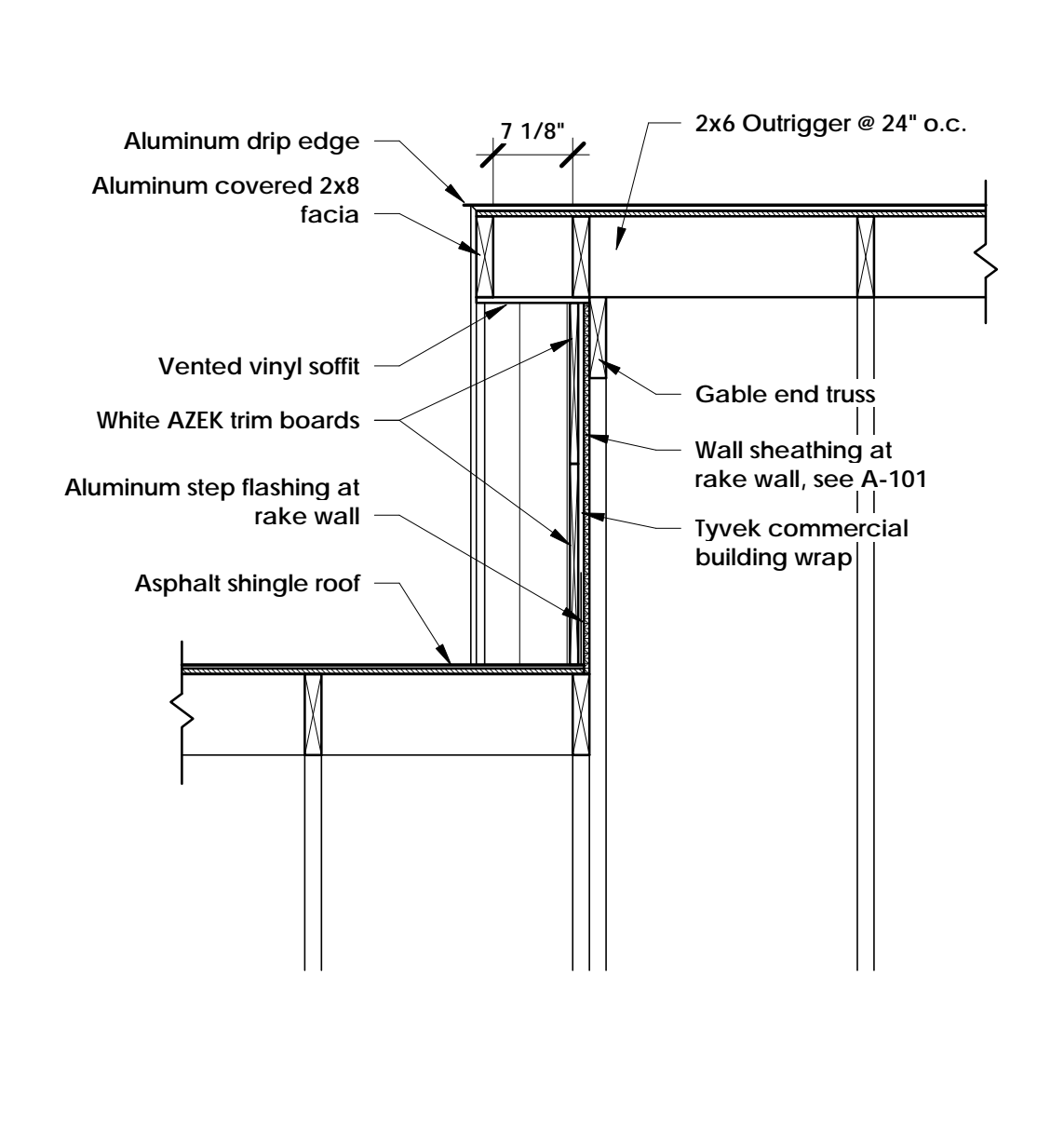




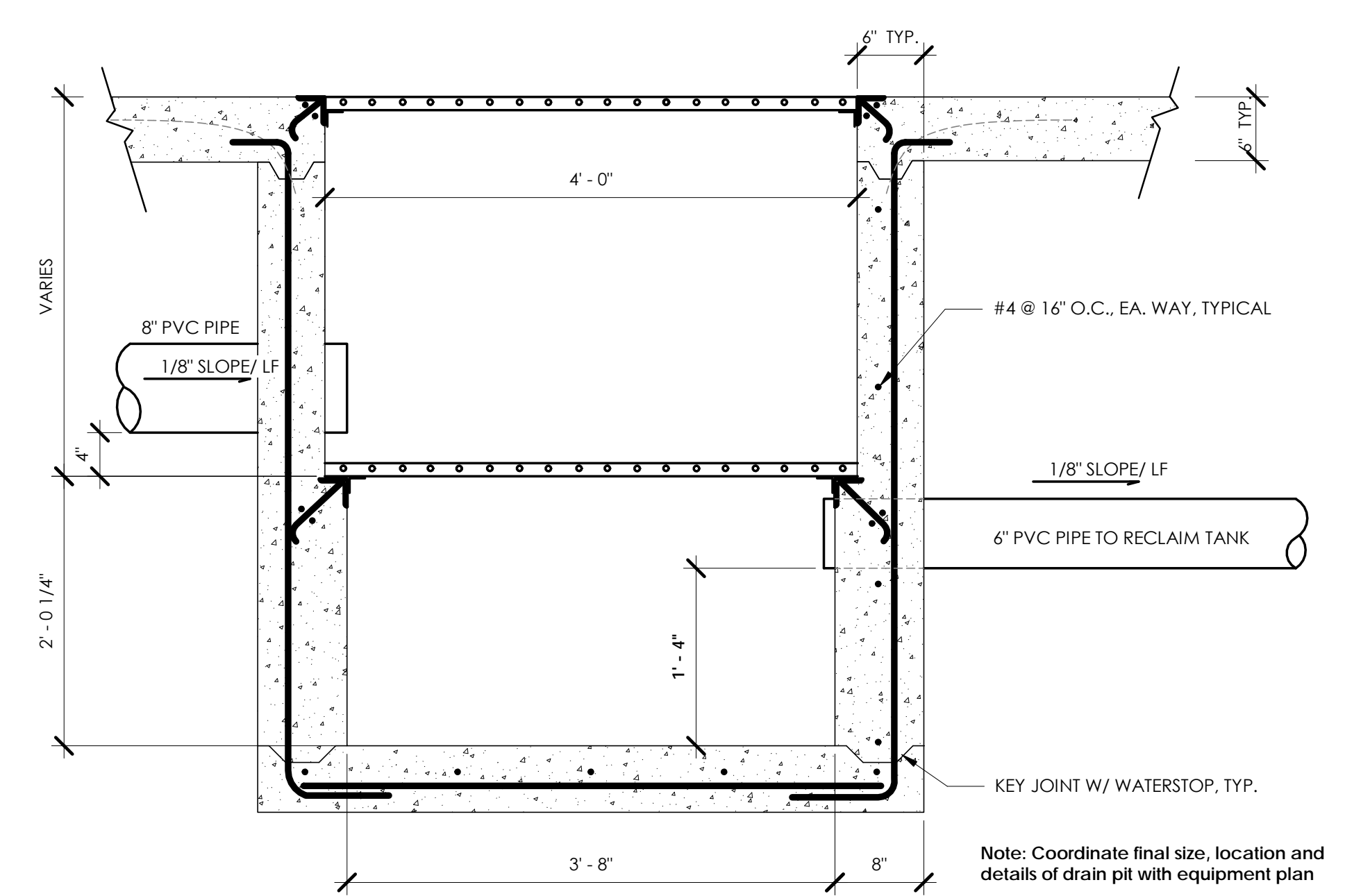
1 Typical Section Thru Trench/ Correlator - Verify with equipment drawings  
0' 3' 6' 1' 2'



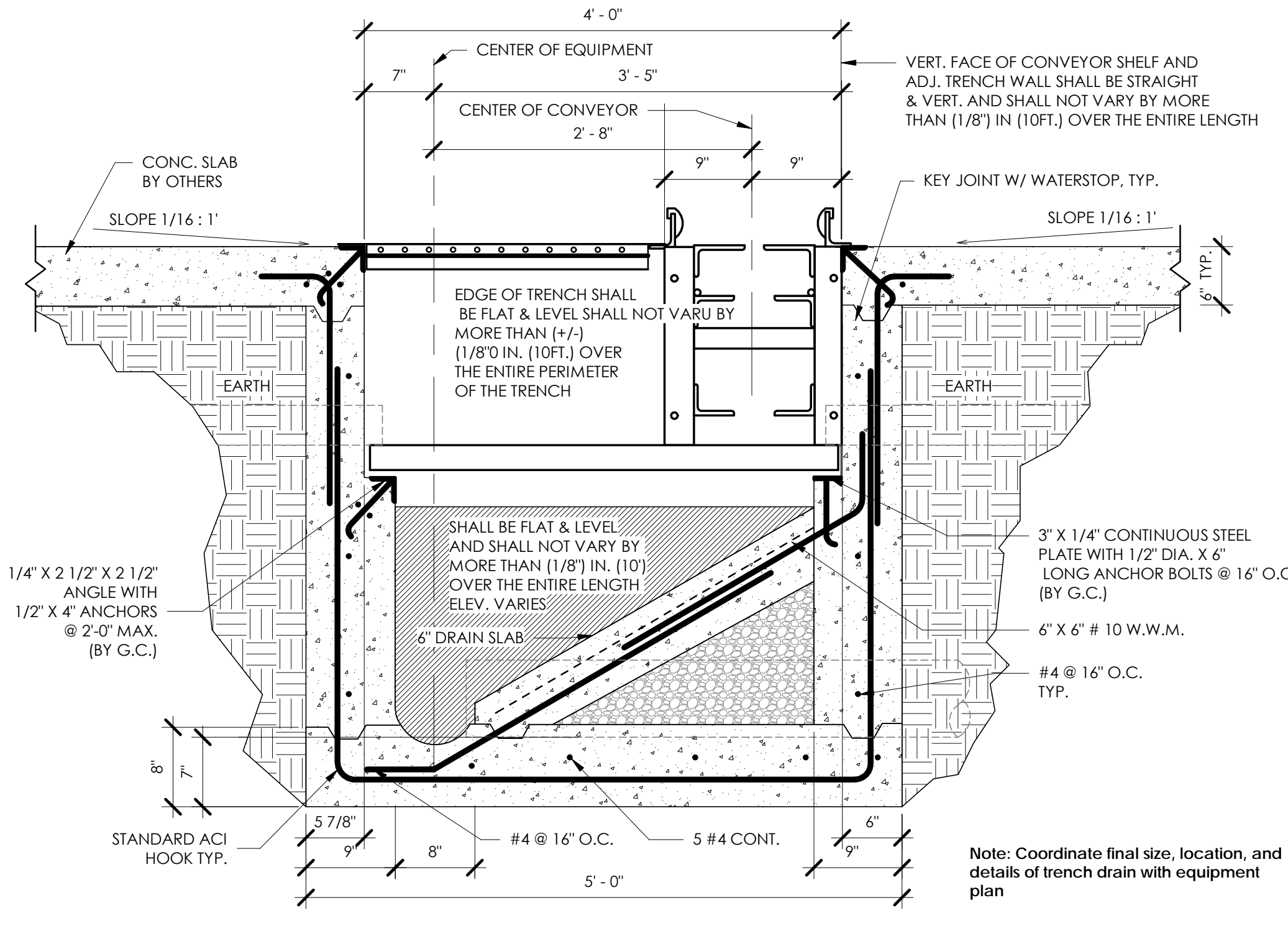
2 Permanent Lateral Bracing for Wood Trusses  
0' 1' 2' 4' 8'



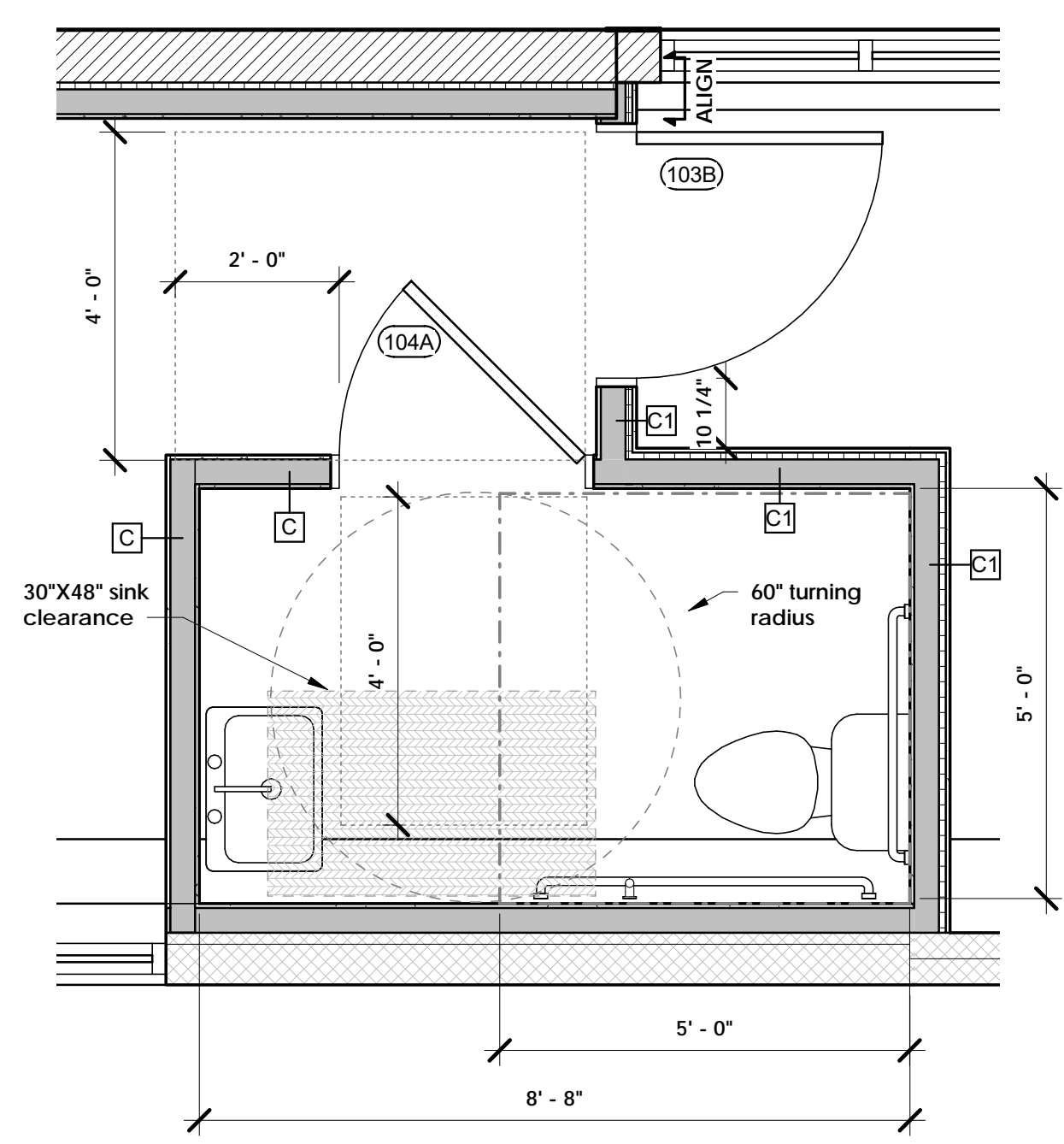
3 Gable Section  
0' 6' 1' 2' 4'



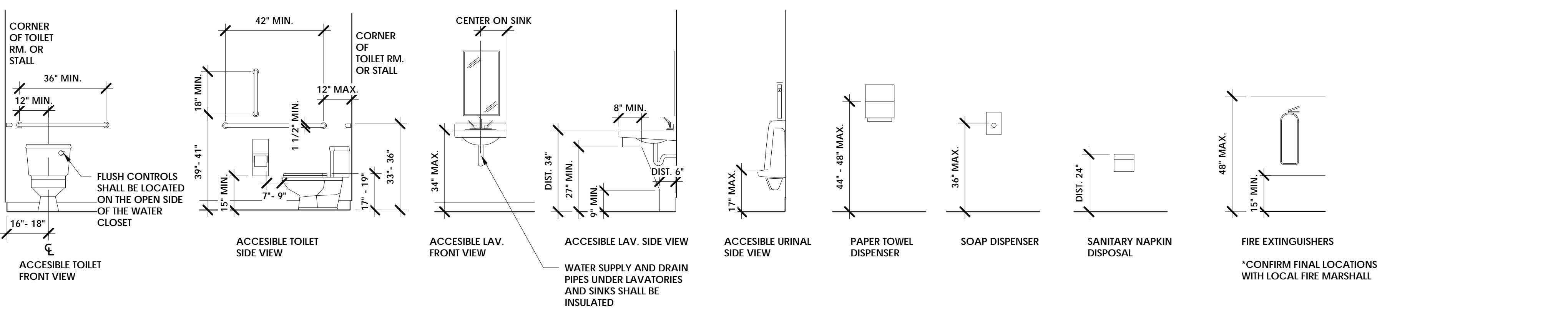
4 Typical Drain Pit Detail - Verify with equipment drawings  
0' 3' 6' 1' 2'



5 Typical Section Thru Trench Drain - Verify with equipment drawings  
0' 3' 6' 1' 2'

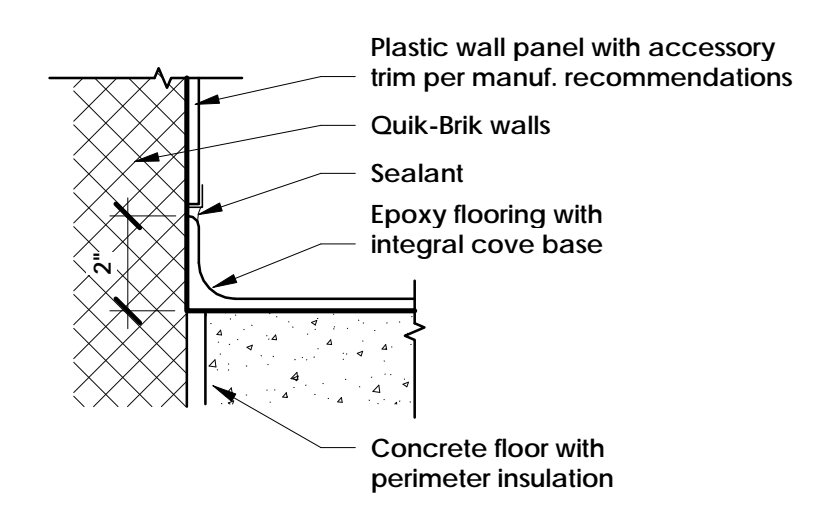


6 Enlarged Bathroom Plan  
0' 6' 1' 2' 4'

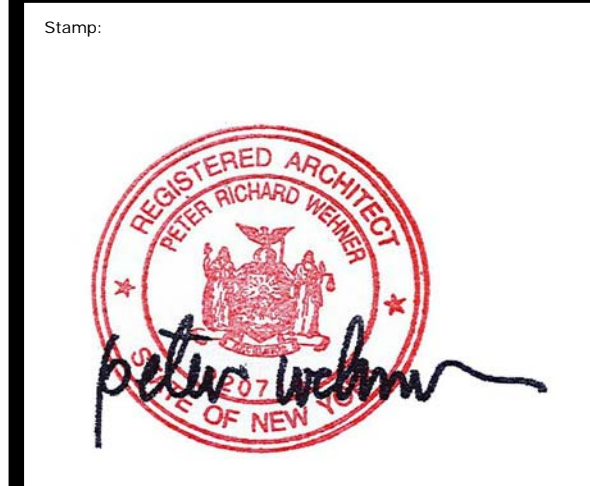


NOTES:  
1. COMPLY WITH ADA FIXTURE MOUNTING HEIGHT REQUIREMENTS.

7 Typical Fixture Dimensions and Clearances  
0' 1' 2' 4' 8'



8 Plastic Panel Base Detail  
0' 1' 2' 4' 8'



Client:  
**Royal Car Wash**  
2851 Monroe Avenue  
Rochester, NY 14618

**Passero Associates**  
242 West Main Street, Suite 100  
Rochester, NY 14614  
Project Manager: Peter Wehner, AIA  
Project Architect: Timothy Geier, AIA

No.	Date	By	Description

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**Details**  
**1190 Chili Ave.**  
Royal Car Wash - Gates  
Town/City: Rochester  
County: Monroe State: New York

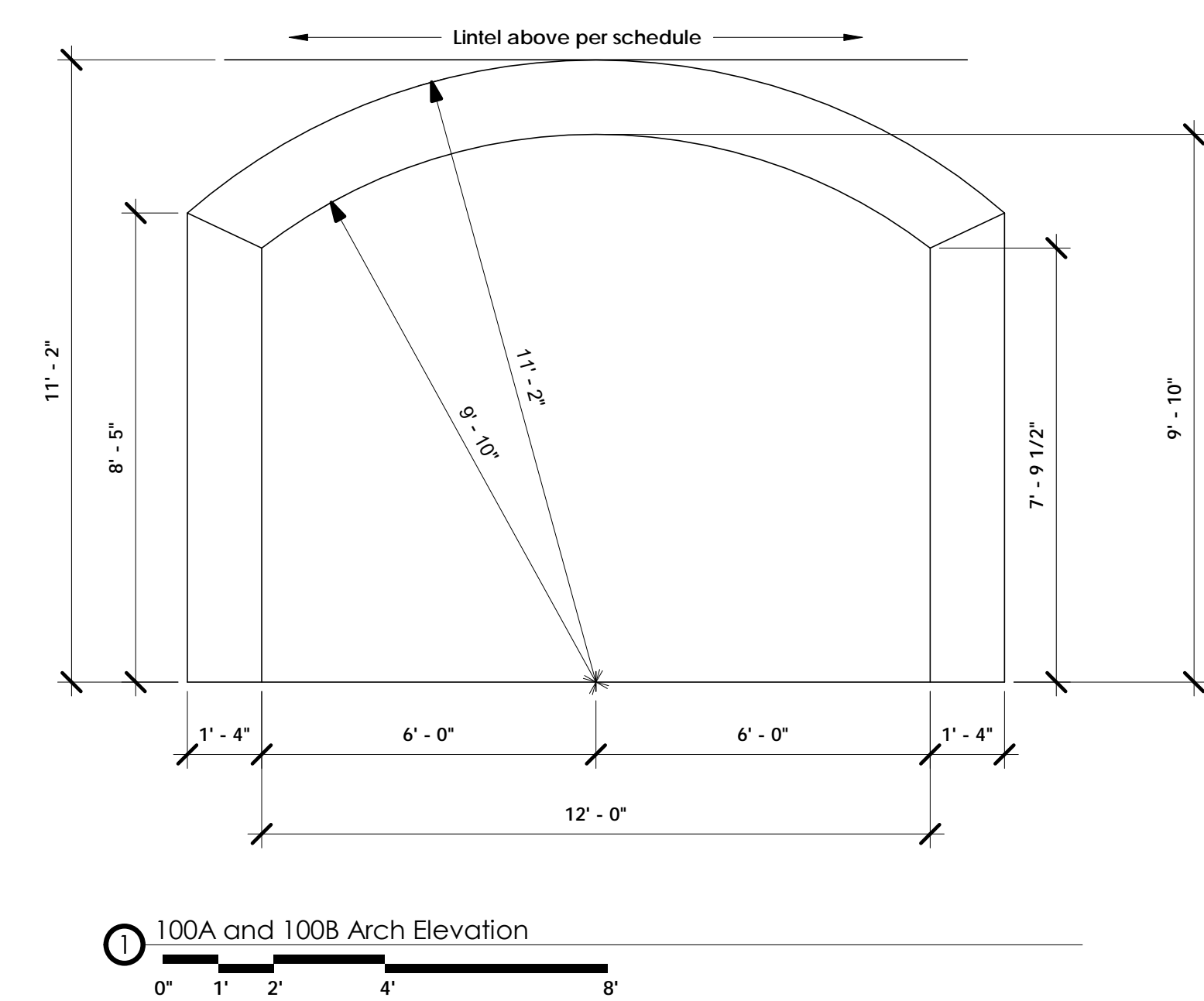
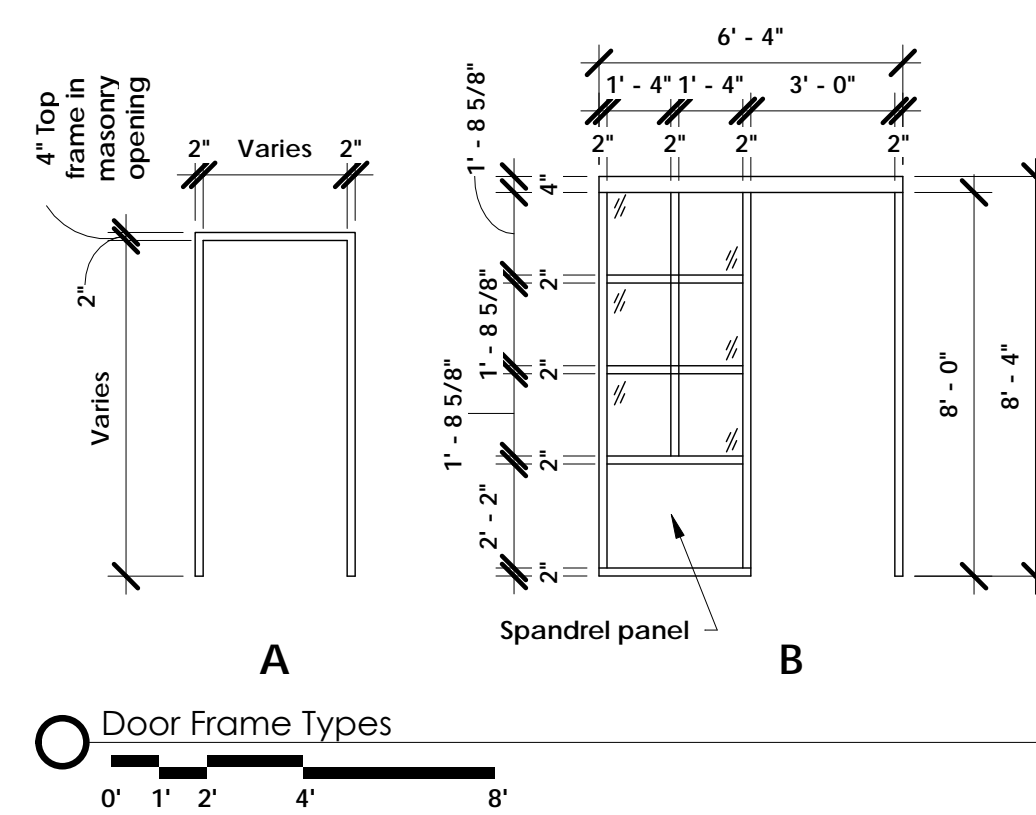
Project No.:  
**20192886.0001**

Drawing No.:  
**A-500**

Date:  
June 16, 2020

**Permit Set**

Door Schedule											
Door Number	Door Material	Door Finish	Door			Glass	Elevation Letter	Frame			Remarks
			Number of Leaves	Width	Height			Frame Type	Frame Finish	Hardware Set	
100A	Alum./Poly	Factory	1	12'-0"	10'-0"	X	E	Steel/Factory			Airlift 'Alaska' Motor Operated overhead door
100B	Alum./Poly	Factory	1	12'-0"	10'-0"	X	E	Steel/Factory			Airlift 'Alaska' Motor Operated overhead door
101A	Alum.	Factory	2	6'-4"	7'-0"	X	C	Alum./Factory	L/C		Threshold with thermal break. Full length frosted glass each leaf
101B	PVC	Factory	1	3'-0"	7'-0"	X	B	PVC/Factory	L/C		Threshold with thermal break. Extrutech Plastics, Inc. D9000.
102A	Alum.	Factory	1	3'-0"	8'-0"	X	C	Alum./Factory	L/C		Threshold with thermal break.
103A	Hollow Core Wood	Point	1	3'-0"	7'-0"	X	D	HM/Point	P		
103B	Hollow Core Wood	Point	1	3'-0"	7'-0"	X	D	HM/Point	P		Threshold with thermal break.
104A	Hollow Core Wood	Point	1	3'-0"	7'-0"	X	A	HM/Point	PR		
201	PVC	Factory	1	3'-0"	7'-0"	X	B	PVC/Factory	L/C		Threshold with thermal break. Extrutech Plastics, Inc. D9000.

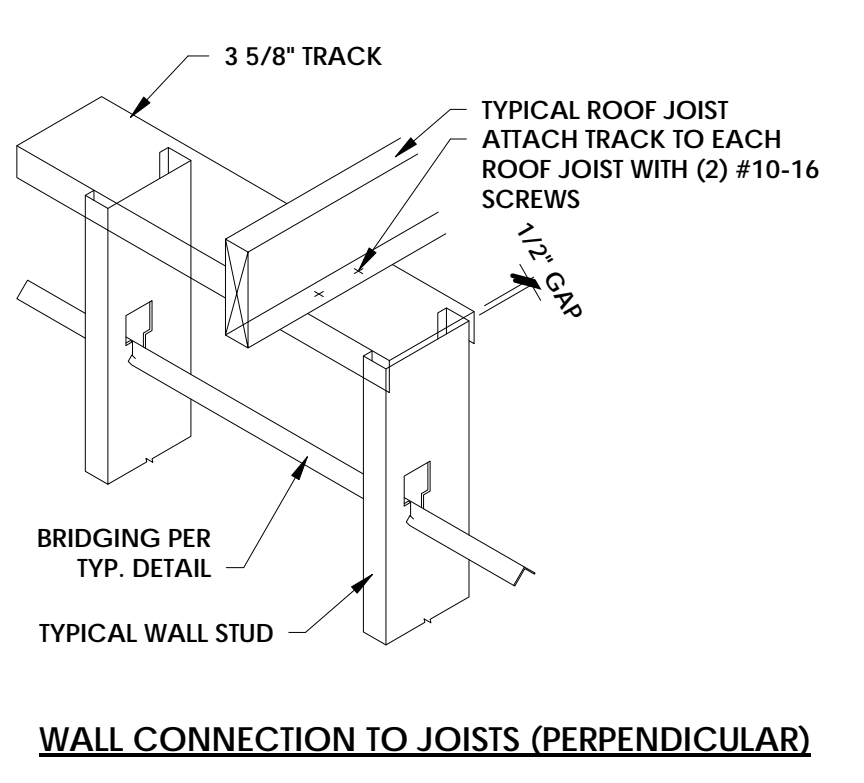
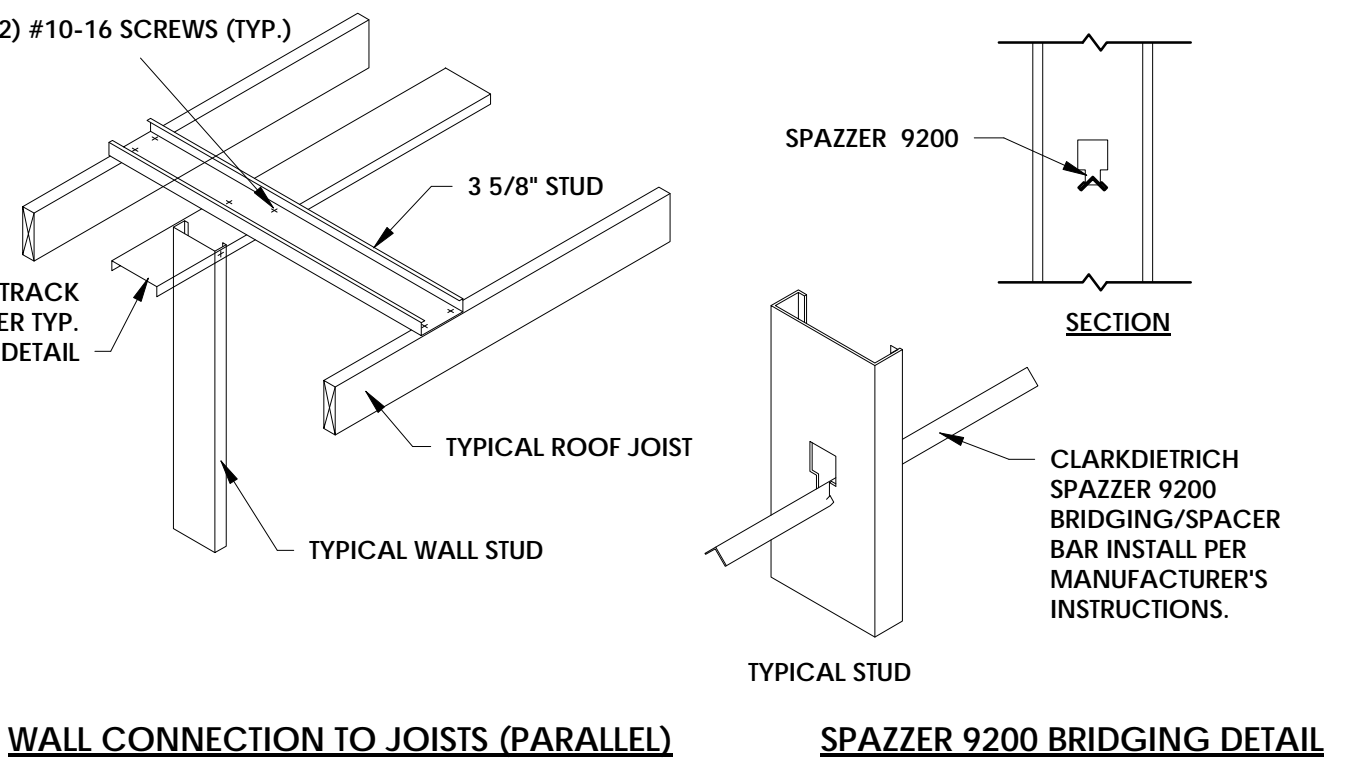
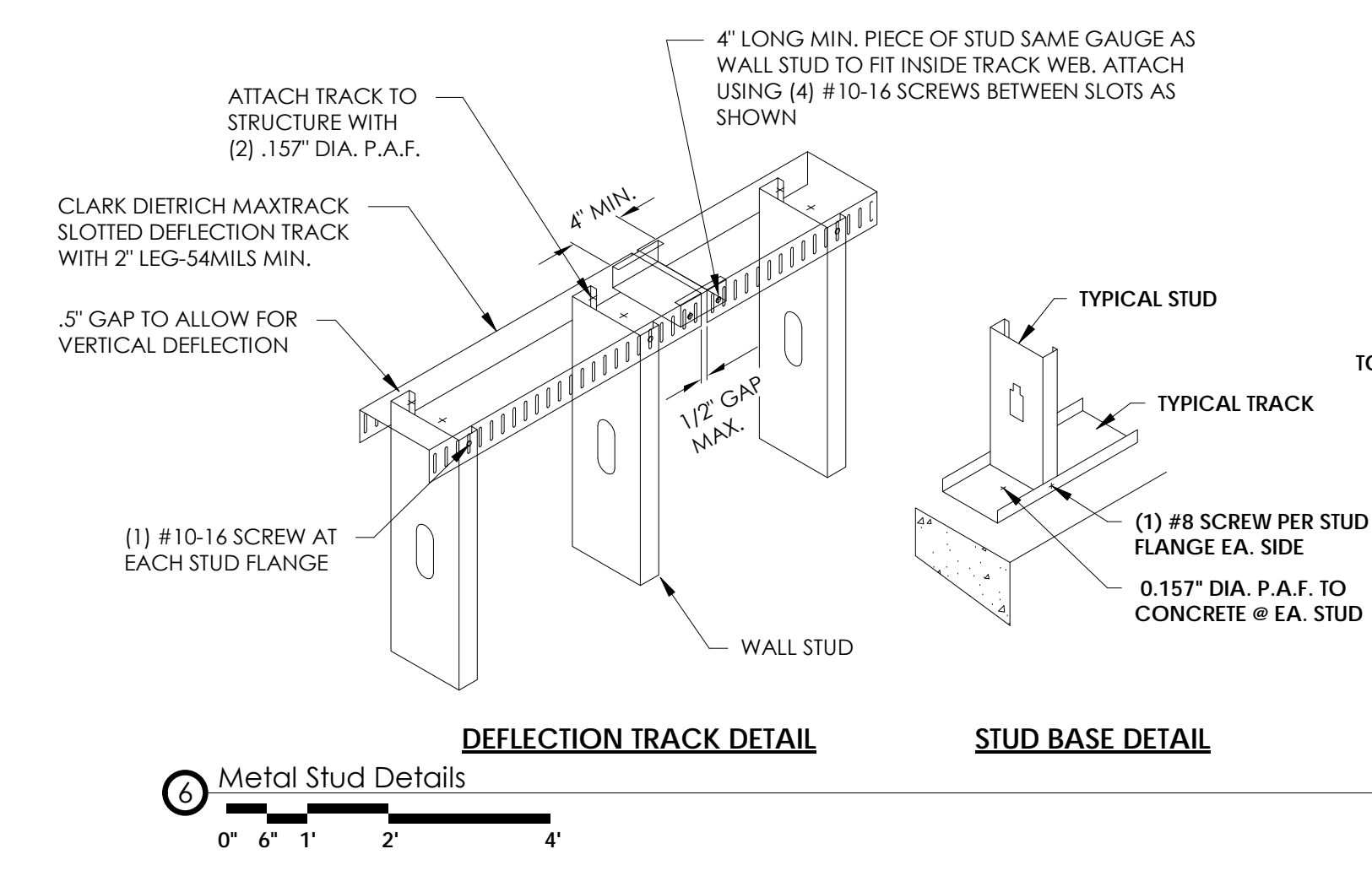
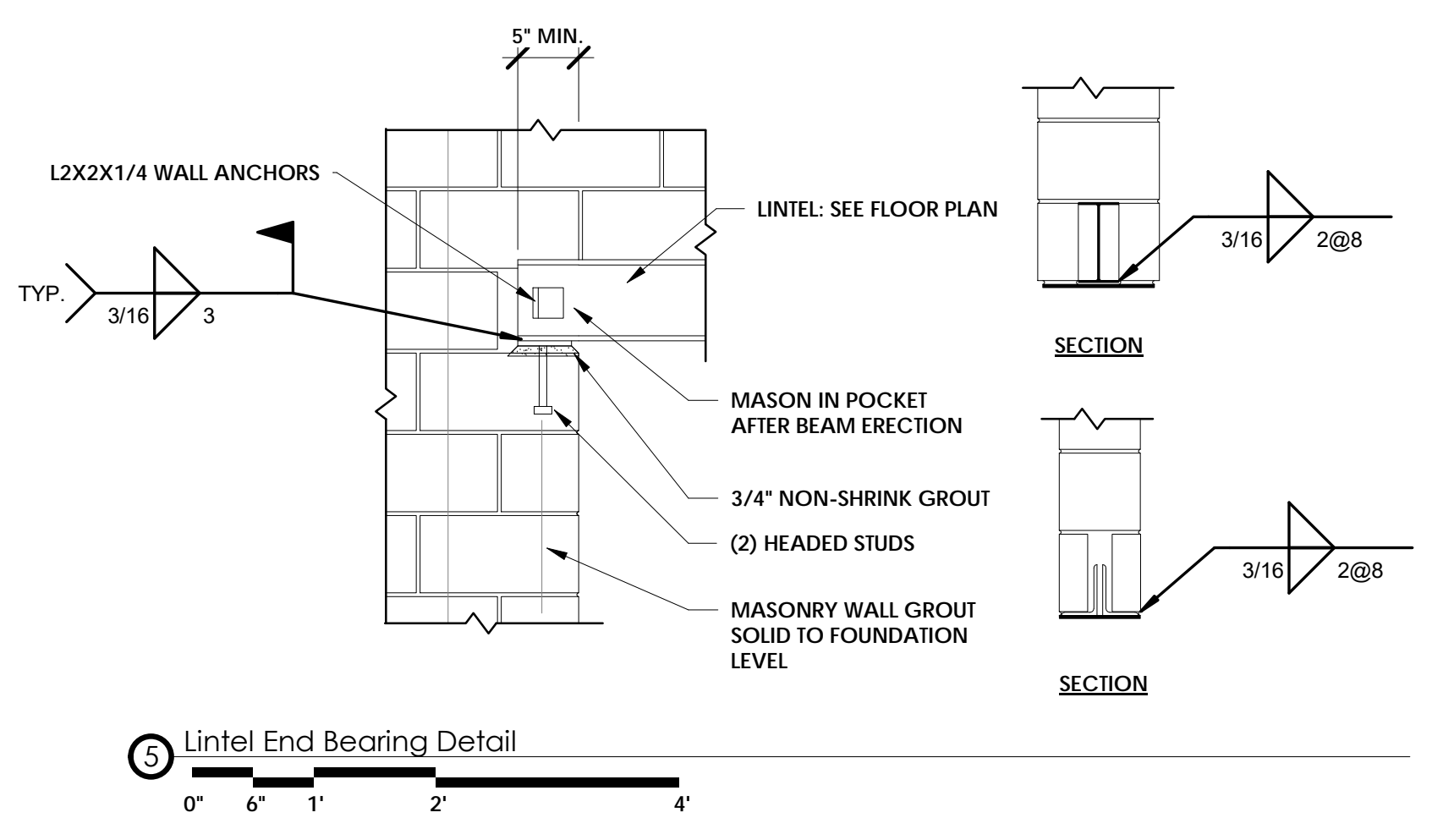
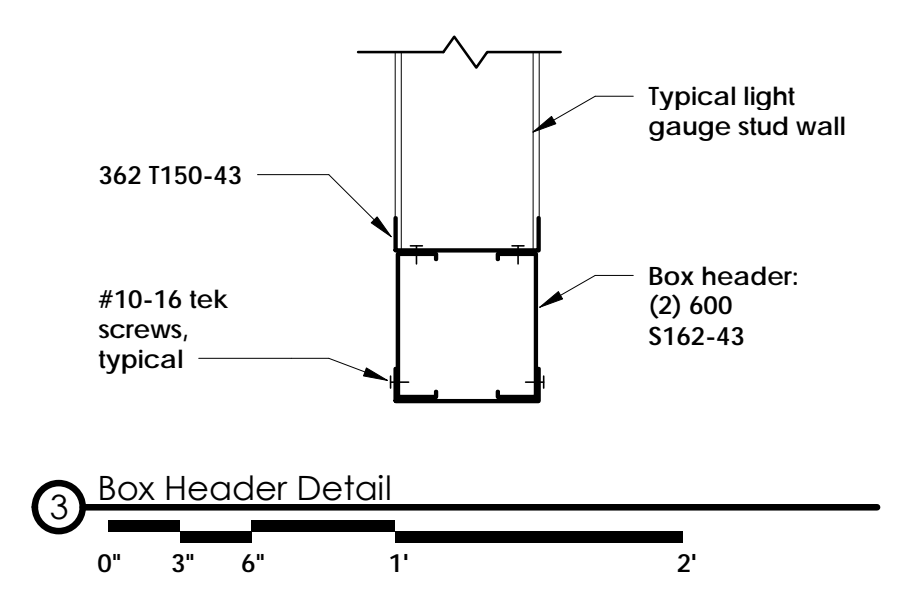
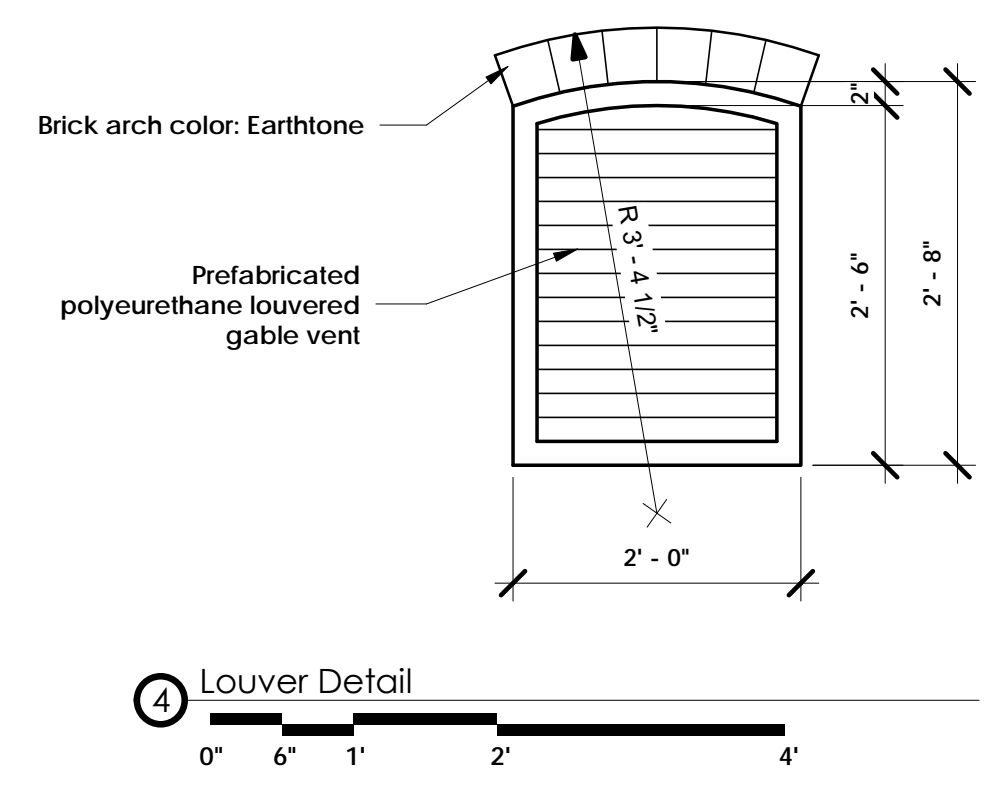
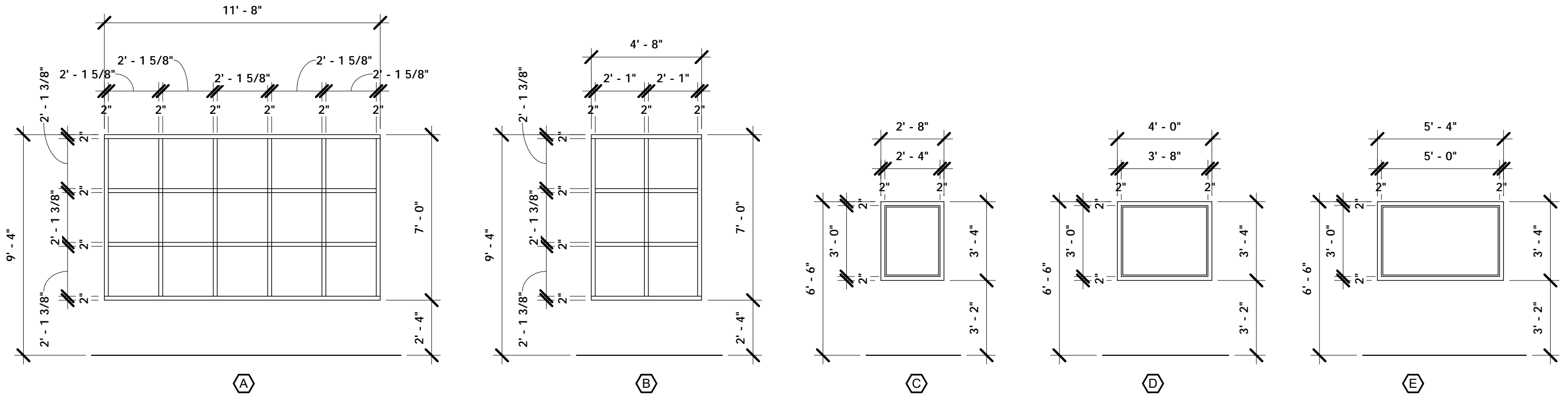
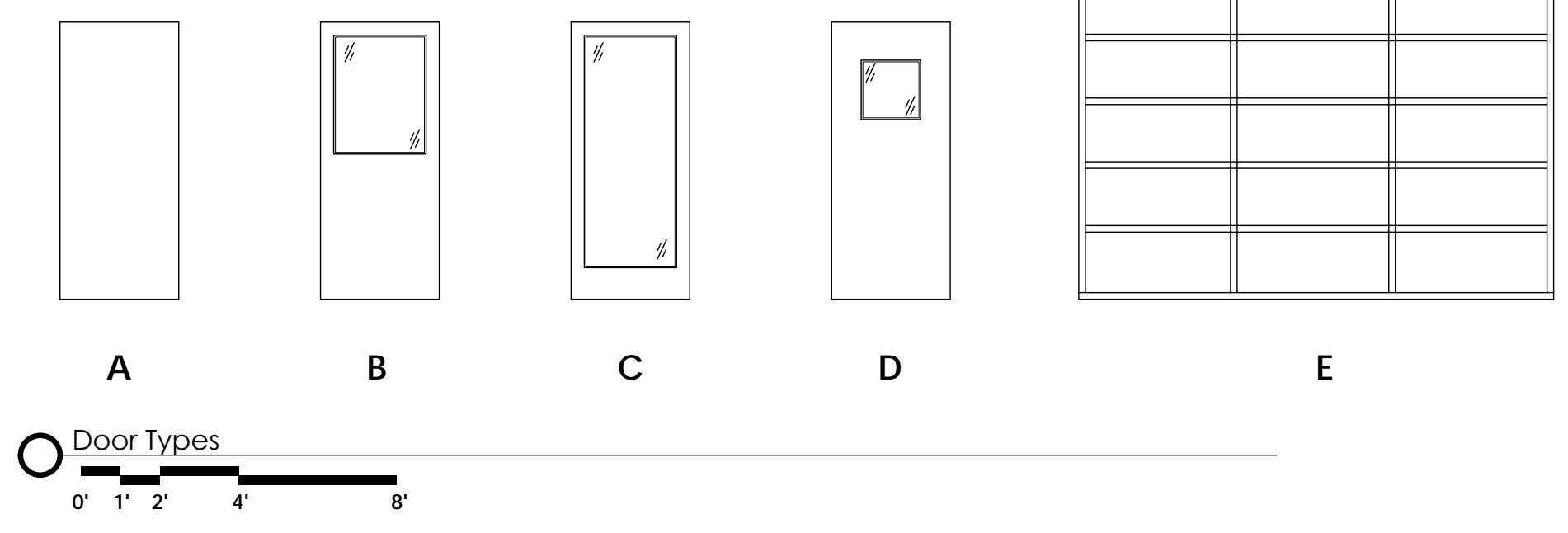


**Door and Window Notes**

- All doors to be 1-1/2" thick. All frames to be 16ga. Provide anchorage type to suit wall construction. All frames to overlap wall finish. Provide (2) 20ga studs at jamb in gypsum board walls.
- Where rated doors are indicated, door frame rating to equal door rating. Frames for windows installed in rated partitions to be rated same as door frames and be compatible with wall type.
- Final hardware selection shall be verified.
- All hardware to be lever type.
- Interior glass to be 1" insulated, tempered.
- Exterior glass to be 1" insulated, low 'E', tempered.
- All rated doors to have closers
- Aluminum door and window system is to be EFCO 403T.

**Door Schedule Legend**

- HM Hollow Metal  
 Insul. HM Insulated Hollow Metal  
 Alum. Aluminum  
 E Exit Hardware Only  
 L Lockset  
 L/C Lockset with closer  
 P Passage Set  
 PR Privacy Set



Client:  
**Royal Car Wash**  
2851 Monroe Avenue  
Rochester, NY 14618

**Passero Associates**  
242 West Main Street, Suite 100 (585) 325-1000  
Rochester, NY 14614 Fax: (585) 325-1691  
Project Manager: Peter Wehner, AIA  
Project Architect: Timothy Geier, AIA  
Designer:

No.	Date	By	Description

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**Details + Schedules**

**1190 Chili Ave.**  
Royal Car Wash - Gates  
Town/City: Rochester  
County: Monroe State: New York

Project No.: 20192886.0001

Drawing No.: **A-502**

Date: June 16, 2020

**Permit Set**