CONTRACT DOCUMENTS FOR:

Car Wash - Perinton

20213223.0001

6780 Pittsford Palmyra Road
Fairport, NY 14450

January 19, 2022

DRAWING INDEX

LOCATION MAP:

CLIENT:

Royal Wash Development LLC
2851 Monroe Avenue
Rochester, NY 14618

ARCHITECTURAL & CIVIL:

PASSERO ASSOCIATES
engineering architecture

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

GENERAL NOTES:

1. 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.
2. 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.
3. 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.
4. 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, CONFER WITH ARCHITECT / ENGINEER AND CONSTRUCTION MANAGER FOR RESOLUTION.
5. 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.
6. PROVIDE FIRE BLOCKING IN CONCEALED SPACES AS PER NYS. CODE.
7. 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.
8. 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).
9. FINISHED DOOR OPENINGS SHALL BE NOMINAL @ 4" 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.
10. 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.
11. 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.
12. PROVIDE CONCEALED SOLID WOOD BLOCKING IN ALL PARTITIONS, IF RECESSED OR SURFACE MOUNTED ITEMS ARE SPECIFIED.
13. 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.
14. 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, CONFER 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	Oppening	PSL	Pounds Per Square Inch	T&G	Tongue And Groove
ADD	Addendum	CONT	Continuos	FIN	Finished	INV	Invert	OPP	Opposite	PLF	Pounds Per Linear Feet	TOS	Top Of Steel
ADJ	Adjacent	CLL	Contact Limit Line	FA	Fire Alarm	OPH	Opposite Hand	PSF	Pounds Per Square Feet	TYP	Typical
A/C	Air Conditioning	CNTFOR	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	LGT	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	LTWT	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	HDCP	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			NAT	Natural	PLYWD	Plywood	TEL	Telephone		
CMU	Concrete Masonry Unit	EXIST	Existing	HGT	Height	NRC	Noise Reduction Coeficient	PLUB	Plumbing	TV	Television		
CLR	Clear	EXP	Expansion	HM	Hollow Metal	NIC	Not In Contract	PT/S	Point(s)	TEMP	Temperature, Temporary		
COL	Column	EXPJ	Expansion Joint	ID	Inside Diameter	NTS	Not To Scale	POL	Polished	TEMPGL	Tempered Glass		
CW	Cold Water	EXPD	Exposed	IBC	Installed By Contractor	NOM	Nominal	PPGL	Polished Plate Glass	TEX	Texture		

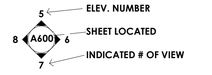
MATERIALS SYMBOLS

- 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

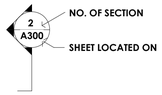
GRAPHIC SYMBOLS

- XXX / XXX / XXX — ROOM NAME/NUMBER INDICATOR
- FIRST FLR. 0.00' — WORK POINT ELEV/FIN. FLOOR, ROOF)
- 1 — COLUMN NO.
- CENTER LINE
- A — WINDOW/FRAME TYPE
- 102A — DOOR NUMBER
- X — WALL TYPE
- 1 — REVISION
- N — NORTH ARROW

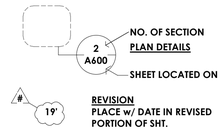
INTERIOR ELEVATION INDICATOR



WALL SECTION INDICATOR



PLAN DETAIL INDICATOR



- 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.

Permit Set

PASSERO ASSOCIATES
engineering architecture

Stamp:

REGISTERED ARCHITECT PETER RICHARD WEHNER OF NEW YORK

Client:
Royal Wash Development LLC
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
Designer — Timothy Geier, AIA

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

6780 Pittsford Palmyra Road

Car Wash - Perinton

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

Project No.: 20213223.0001

Drawing No.: A-001

Date: January 19, 2022

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 Perinton 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
Ss = .168, S1 = .045
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 REENTRANT 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 4,500 psi 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% ENTRAINED 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 2016 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 PRESSURE 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 MANUFACTURERS RECOMMENDATIONS.

4. FRAMING ANCHORS AND MISCELLANEOUS METAL DEVICES FOR WOOD FRAMING SHALL BE GALVANIZED STEEL OF AT LEAST 16 GAGE THICKNESS INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. USE NAILS SUPPLIED BY OR RECOMMENDED BY THE MANUFACTURER.

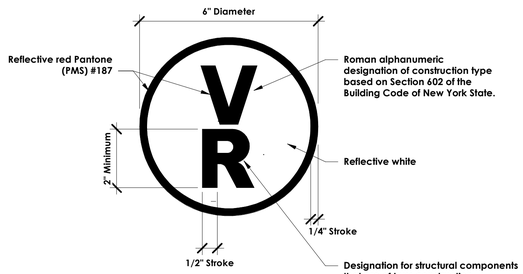
5. ROOF TRUSSES, INCLUDING DESIGN, CONNECTIONS, BRACING, ERECTION, AND QUALITY SHALL CONFORM TO THE SPECIFICATIONS AND RECOMMENDATIONS OF NFPA AND THE TRUSS PLATE INSTITUTE (TPI). TEMPORARY AND PERMANENT BRACING SHALL BE IN STRICT ACCORDANCE WITH ANSI/TP3-2014, BRACING WOOD TRUSSES. TRUSS MANUFACTURER'S 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 PERSERVATIVE-TREATED WOOD SHALL BE OF HOT-DIPPED ZINC-COATED GALVINIZED STEEL OR STAINLESS STEEL.

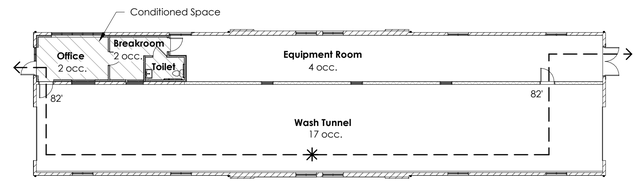
TRUSS IDENTIFICATION SIGNAGE:

Required signage for this project shall be: (V R)



"F"	FLOOR FRAMING, INCLUDING GIRDERS AND BEAMS
"R"	ROOF FRAMING
"FR"	FLOOR AND ROOF FRAMING

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
0' 4' 8' 16' 32'

The total occupant count: 25 occupants
The occupant count is based on square foot area for each space fuction:
- Business areas - including wash tunnel (150 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 (non-sprinklered, Table 506.2)	9,000 square feet	
Project Area	4,096 square feet	
	Required	Provided
Exits: Number and Size (inches)	1 @ 36"	1 @ 36", 1@72"
Max. Travel Distance	250'	See plan (does not exceed code allowed travel distance)
Automatic Sprinklers	Not required	Not 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

Permit Set

PASSERO ASSOCIATES
engineering architecture

Stamp:

REGISTERED ARCHITECT PETER RICHARD WEHNER 027 OF NEW

Client:
Royal Wash Development LLC
2851 Monroe Avenue
Rochester, NY 14618

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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

6780 Pittsford Palmyra Road

Car Wash - Perinton

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

Project No.:
20213223.0001

Drawing No.:
A-002

Date:
January 19, 2022

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 TECHINQUES.	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 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 X X	SEC. 1.15.4, 2.1.2 SEC. 1.12 SEC. 2.1.8.6, 2.1.8.6.2	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 GEOTECHINCAL 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	

Permit Set

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engineering architecture

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PETER RICHARD WEHNER
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OF NEW

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Fax: (585) 325-1691

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

No.	Date	By	Description

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Special Inspections

6780 Pittsford Palmyra Road

Car Wash - Perinton

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

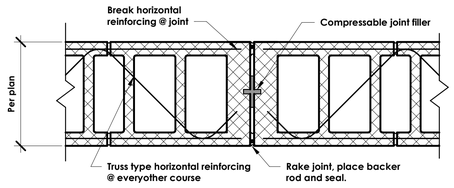
Project No.: 20213223.0001

Drawing No.: A-003

Date: January 19, 2022

Construction Notes:

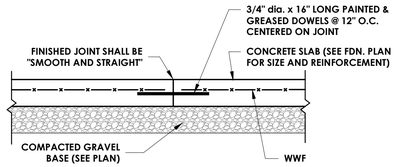
1. All final door selections and frame systems shall be determined by owner. Door hardware shall be lever type and ADA compliant.
2. Final ceiling layout to be provided by others.
3. Provide epoxy flooring in wash tunnel.
4. All casework designs and shop drawing submittals shall be provided and reviewed by others.
5. Final interior finishes shall be slected by owner (flooring, wall covering, paint, etc..)
6. Coordinate all piping and foundation penetrations with MEP and equipment drawings.



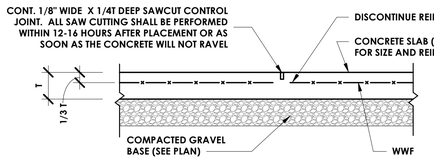
TYPICAL PLAN AT WALL

3 Typical Masonry Wall Control Joint Detail

0" 3" 6" 1' 2'



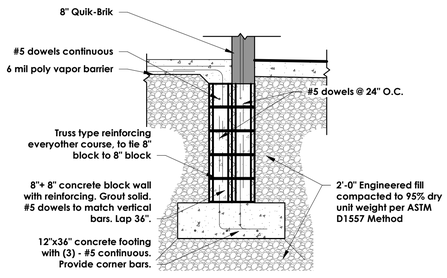
CONSTRUCTION JOINT



SAWCUT CONTROL JOINT

4 Typical Slab Joints

0" 6" 1' 2' 4'



5 Typical Foundation Wall Pier

0" 6" 1' 2' 4'

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.

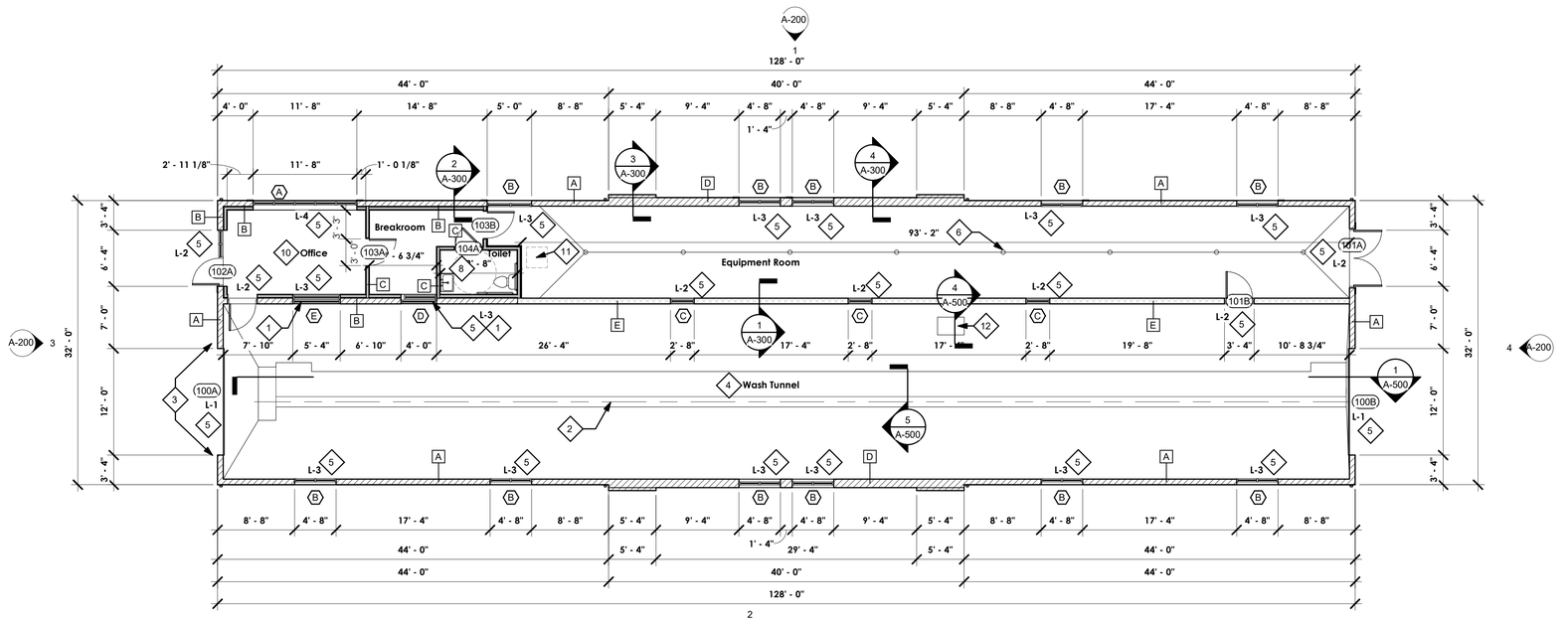
WALL TYPES

A		8" Quik-Brik wall
A1		Provide 1" rigid insulation @ equipment room side of wall w/ 5/8" gyp bd. & FRP over hat channel furring.
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. & FRP
D		12" Quik-Brik wall
D1		Provide 1" rigid insulation @ equipment room side of wall w/ 5/8" gyp bd. & FRP overhat channel furring.
E		8" CMU wall provide 1" rigid insulation @ equipment room side of wall w/ 5/8" gyp bd. & FRP over hat channel furring.
F		8" CMU wall w/ 1" rigid insulation, 3-5/8" metal studs @ 16" O.C., R-13 insululation, 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.

1 Floor Plan Keynotes

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

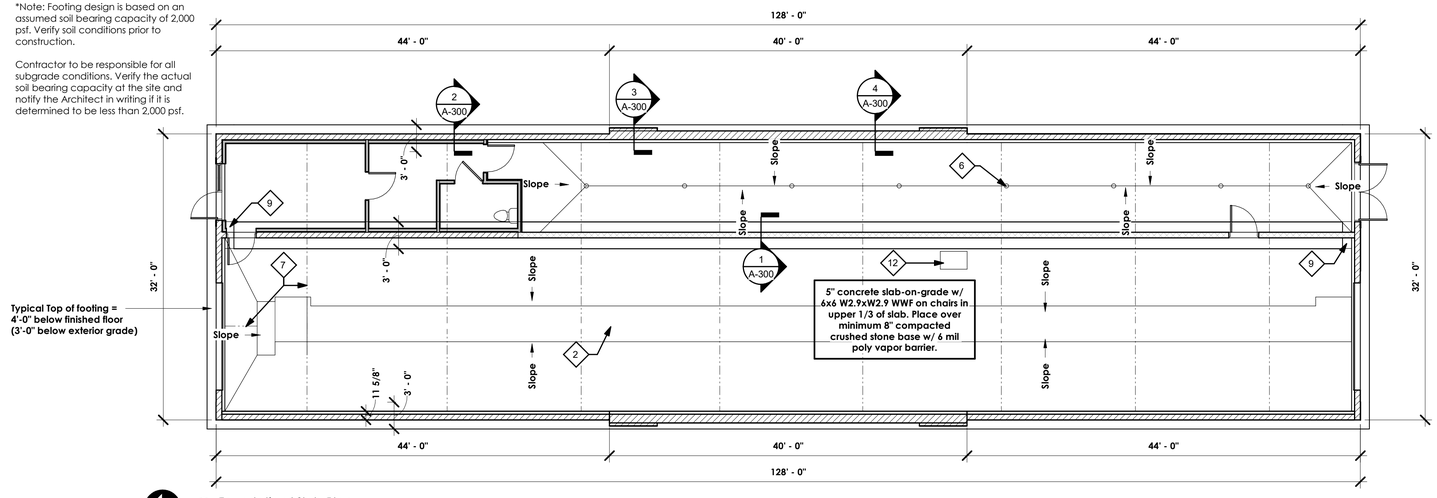


2 First Floor Plan

0' 2' 4' 8' 16'

*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 at the site and notify the Architect in writing if it is determined to be less than 2,000 psf.



1 Foundation/ Slab Plan

0' 2' 4' 8' 16'

Permit Set

PASSERO ASSOCIATES
engineering architecture

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

No.	Date	By	Description

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Floor Plans

6780 Pittsford Palmyra Road

Car Wash - Perinton

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

Project No.: 20213223.0001

Drawing No.: A-100

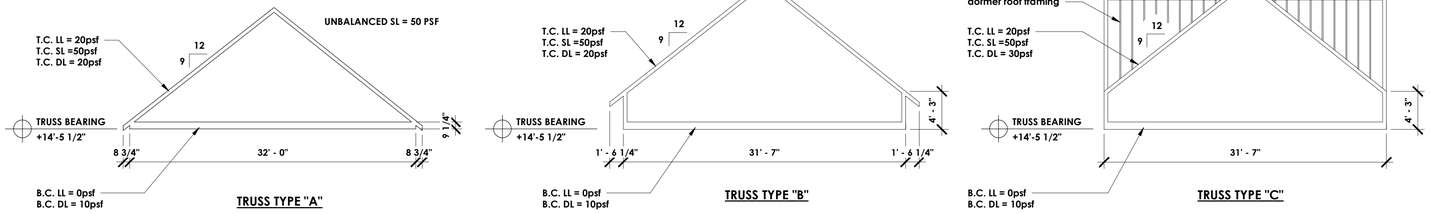
Date: January 19, 2022

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 RECOMMEDNED 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:
  A. HEM FIR NO.2 OR BETTER.
  1. 850 PSI - Fb (SINGLE USE)
  2. 977 PSI - Fb (REPETITIVE USE)
  3. 405 PSI - Fc (PERP. TO GRAIN)
  4. 75 PSI - Fv
  5. 1,300,000 PSI - E

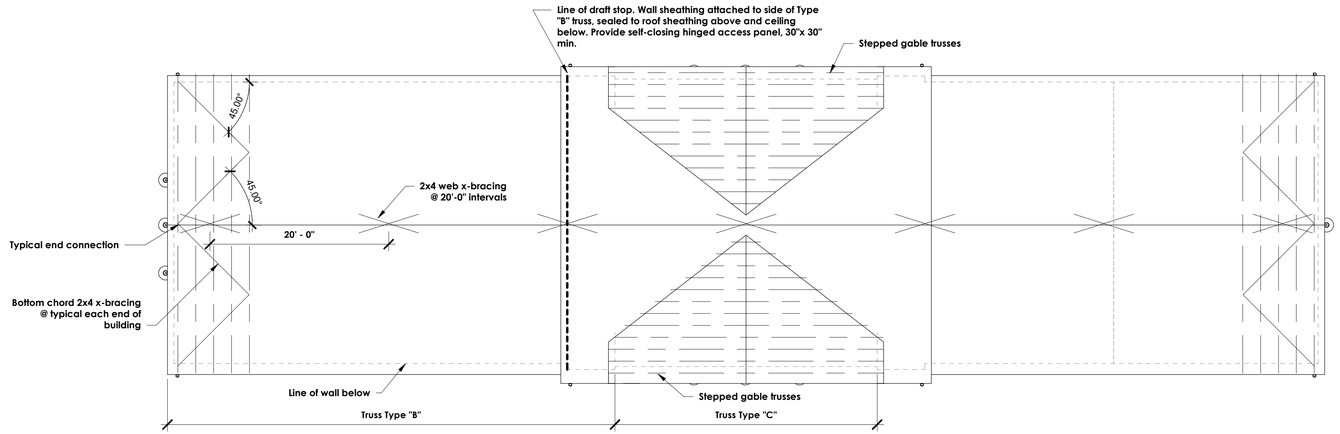
TRUSS NOTES:

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



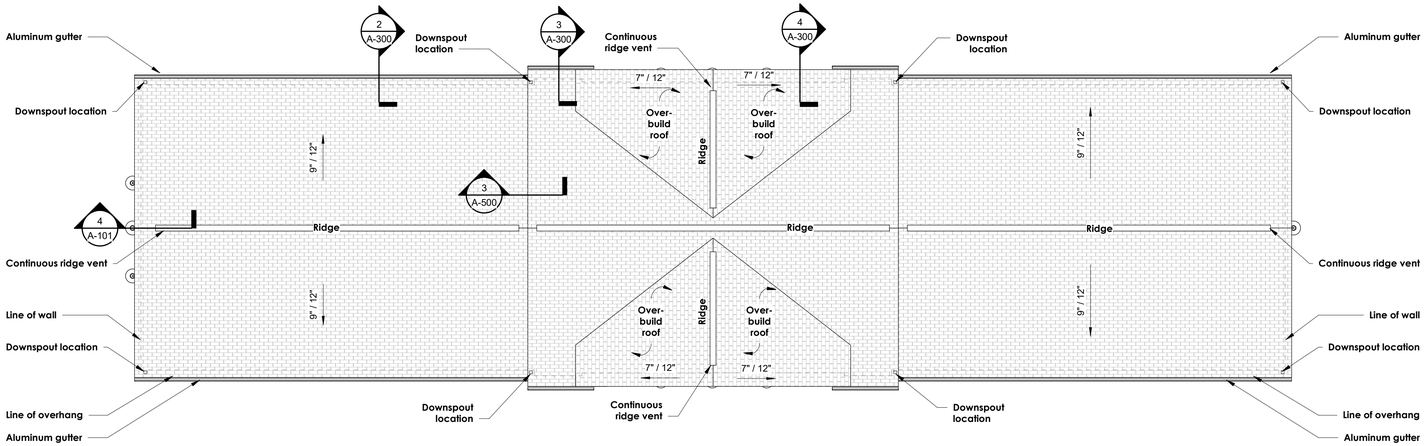
3 Truss Types

0' 2' 4' 8' 16'



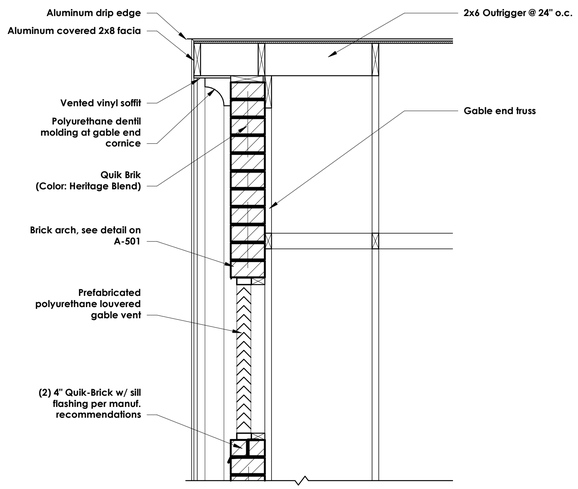
2 Framing Plan

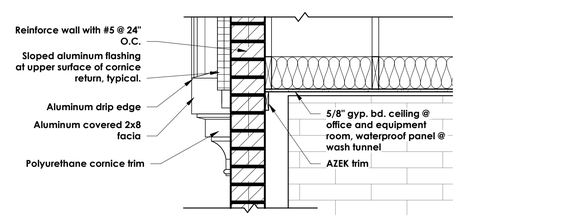
0' 2' 4' 8' 16'



1 Roof

0' 2' 4' 8' 16'





4 Gable End Section

0" 6" 1' 2' 4'

Permit Set

PASSERO ASSOCIATES
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No.	Date	By	Description

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Roof Plans

6780 Pittsford Palmyra Road

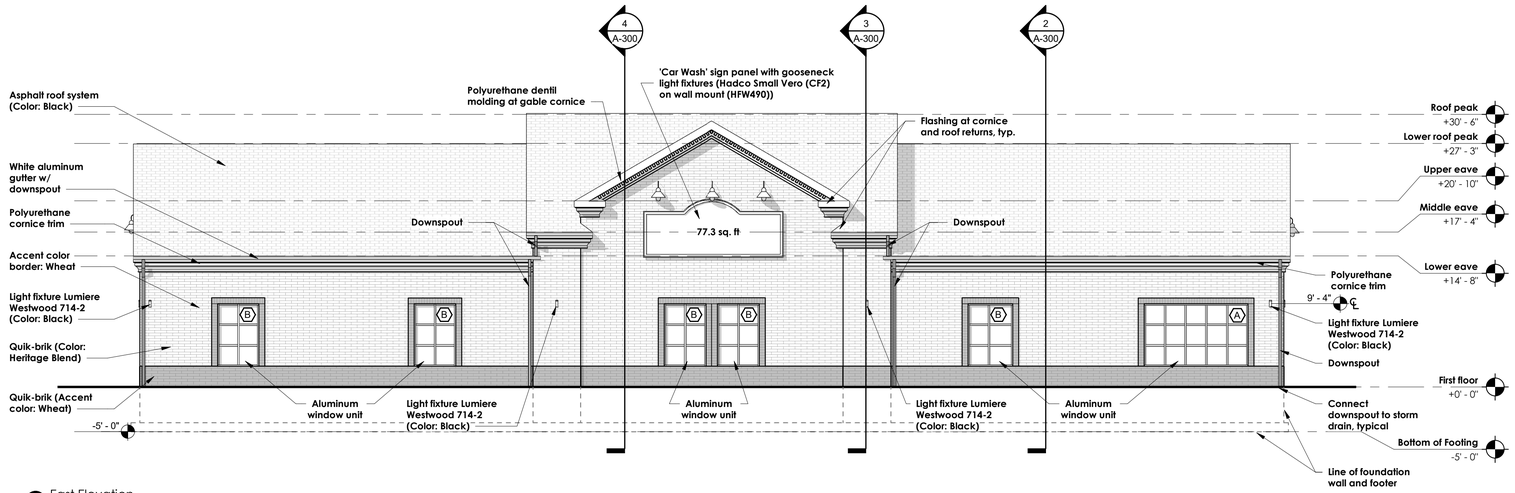
Car Wash - Perinton

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

Project No.: 20213223.0001

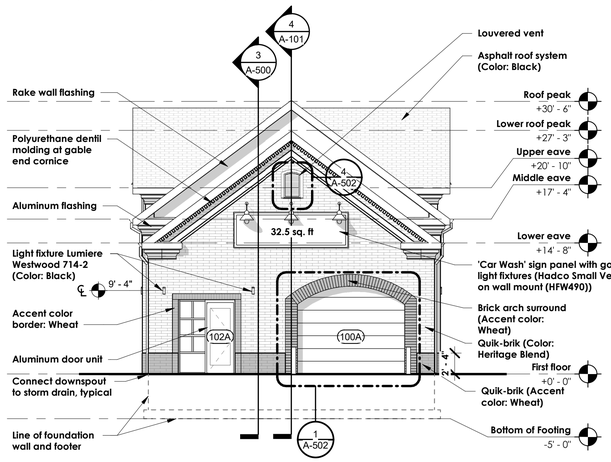
Drawing No.: A-101

Date: January 19, 2022



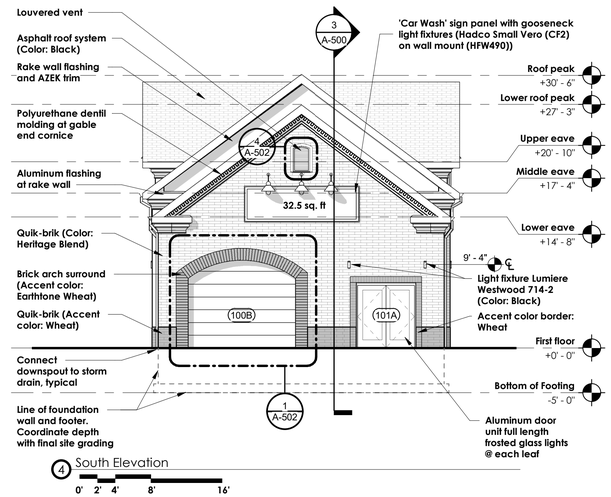
1 East Elevation

0' 2' 4' 8' 16'



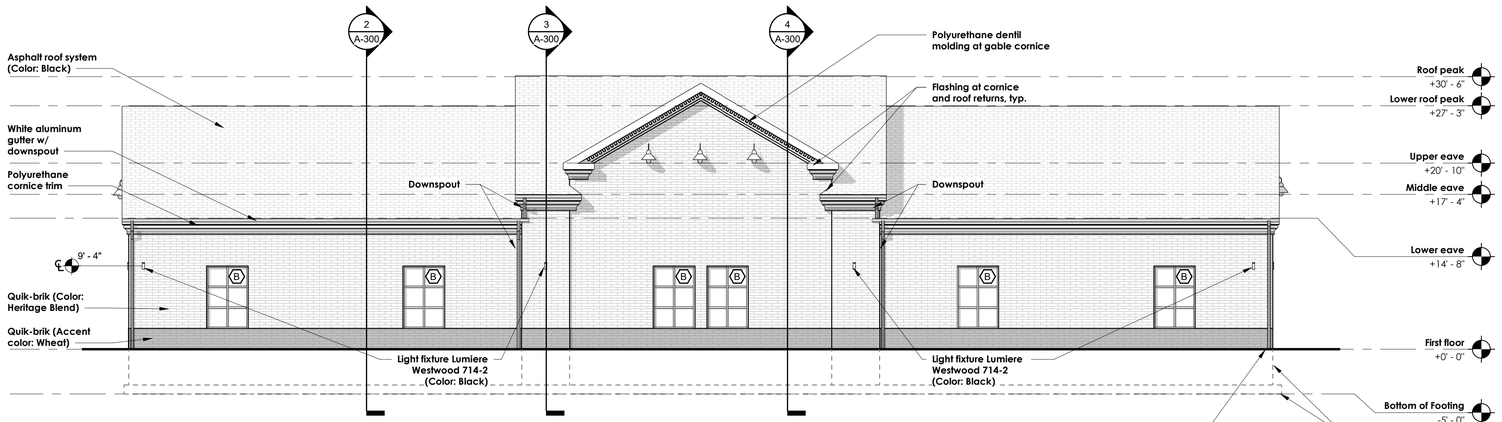
3 North Elevation

0' 2' 4' 8' 16'



4 South Elevation

0' 2' 4' 8' 16'



2 West Elevation

0' 2' 4' 8' 16'

Permit Set

PASSERO ASSOCIATES
engineering architecture

Stamp:

REGISTERED ARCHITECT PETER RICHARD WEHNER STATE OF NEW

Client:
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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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Exterior Elevations

6780 Pittsford Palmyra Road

Car Wash - Perinton

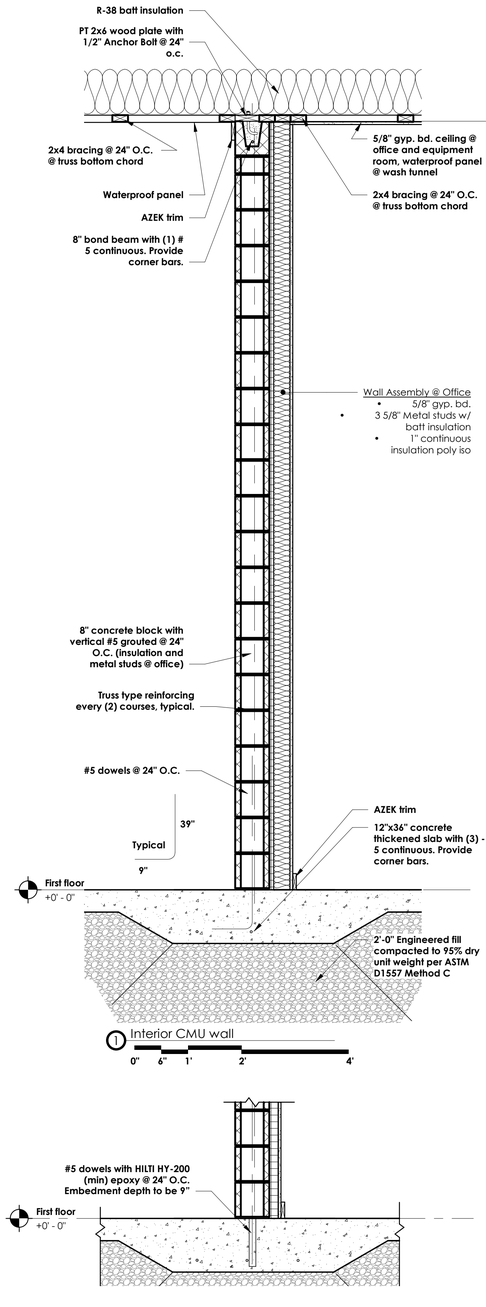
Town/City: Fairport
County: Monroe
State: New York

Project No.: 20213223.0001

Drawing No.: A-200

Date: January 19, 2022

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

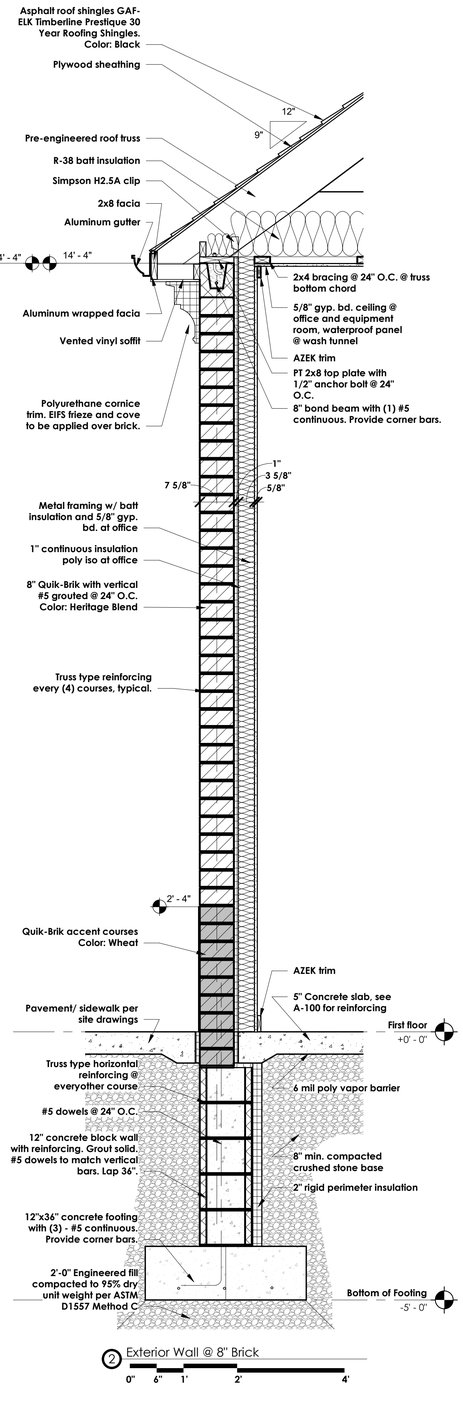


1 Interior CMU wall

0" 6" 1' 2' 4'

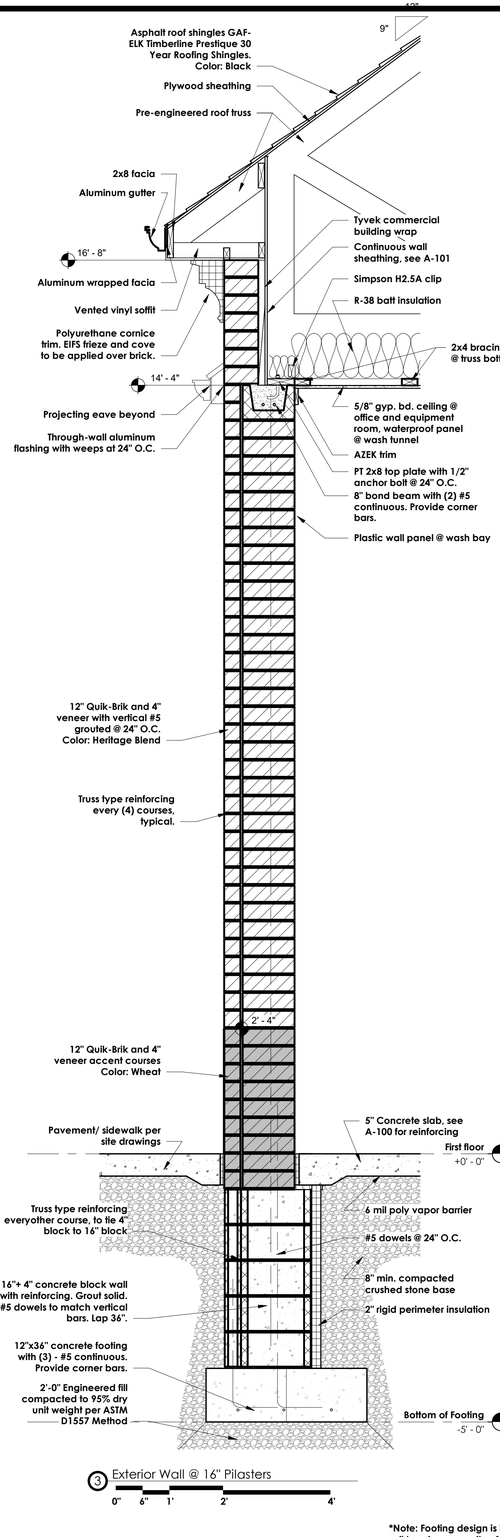
1A Alternate Interior CMU wall dowel

0' 1' 2' 4' 8'



2 Exterior Wall @ 8" Brick

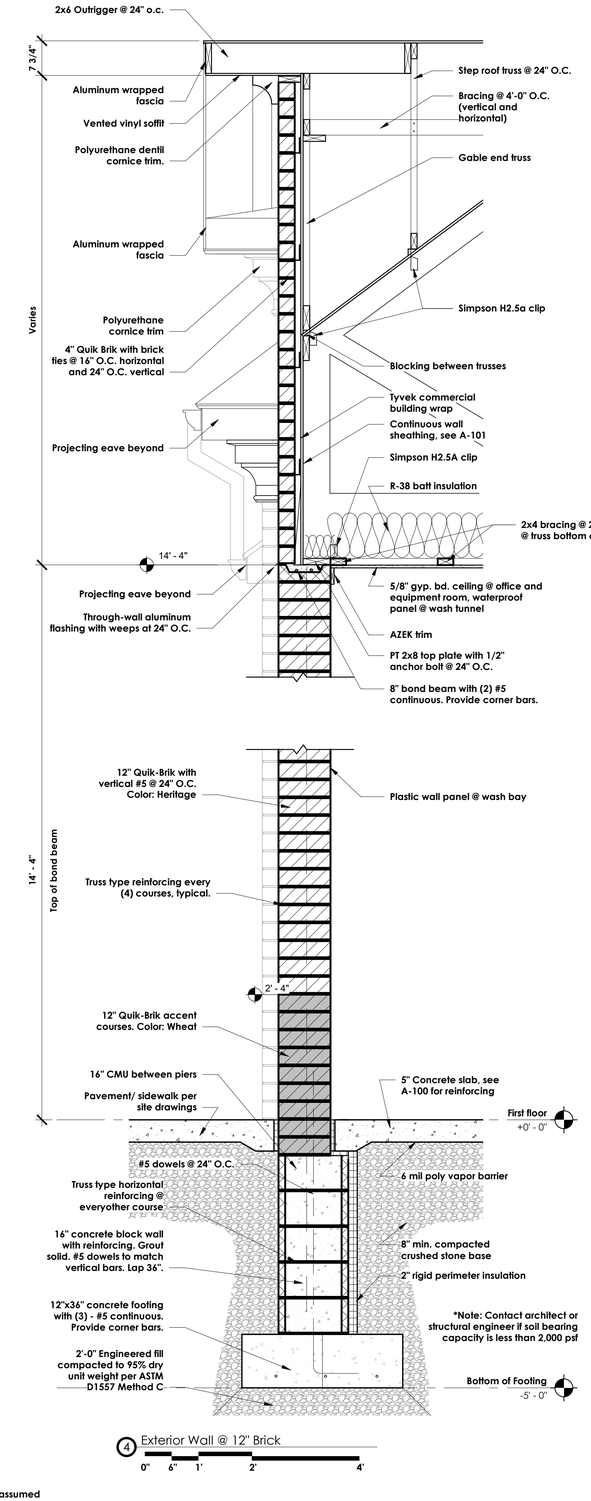
0" 6" 1' 2' 4'



3 Exterior Wall @ 16" Pilasters

0" 6" 1' 2' 4'

*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.



4 Exterior Wall @ 12" Brick

0" 6" 1' 2' 4'

Permit Set

PASSERO ASSOCIATES
engineering architecture

Stamp:

REGISTERED ARCHITECT PETER RICHARD WEHNER STATE OF NEW YORK

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Wall Sections

6780 Pittsford Palmyra Road

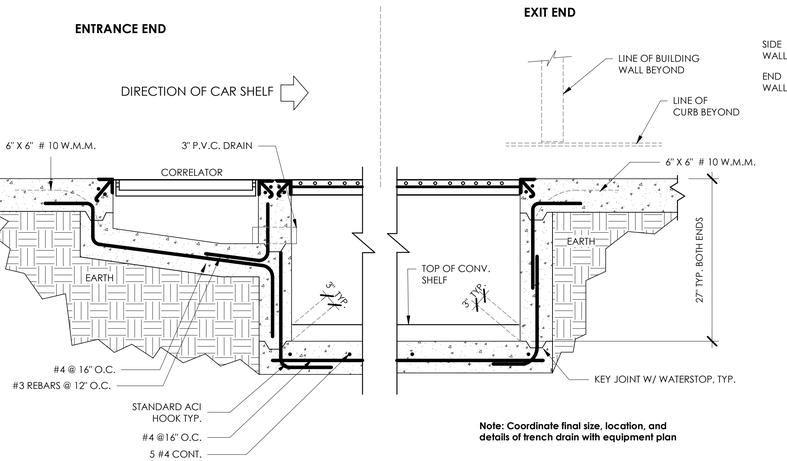
Car Wash - Perinton

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

Project No.:
20213223.0001

Drawing No.:
A-300

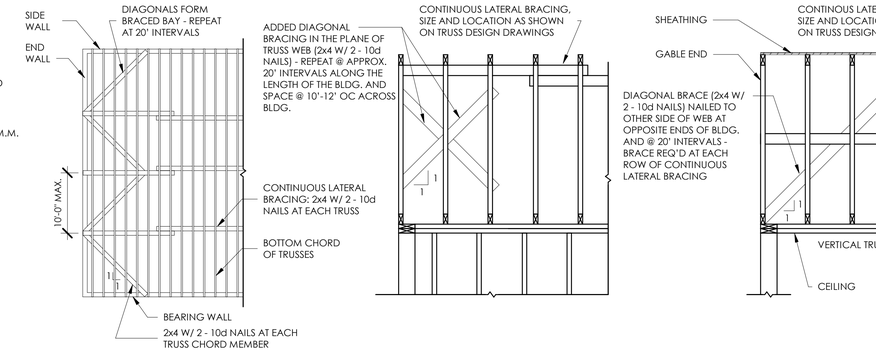
Date:
January 19, 2022



Note: Coordinate final size, location, and details of trench drain with equipment plan

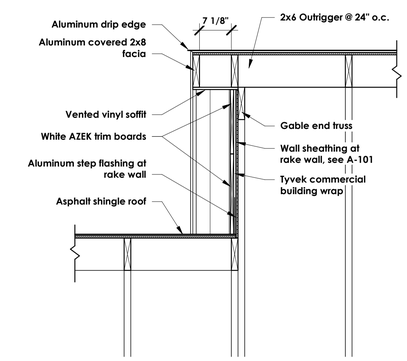
1 Typical Section Thru Trench/ Correlator - Verify with equipment drawings

0" 3" 6" 1' 2'



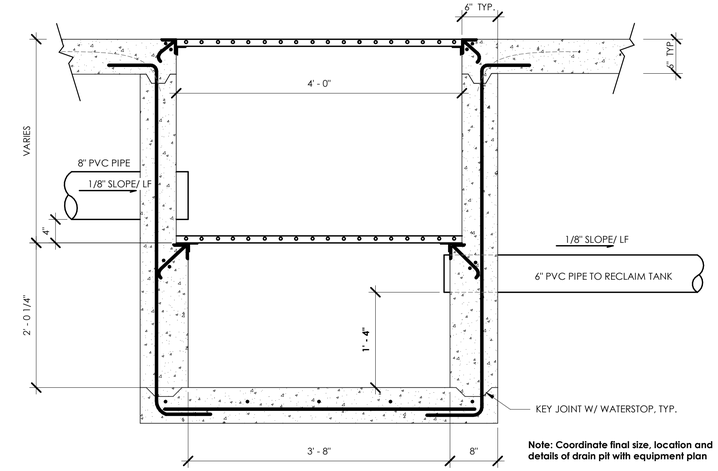
2 Permanent Lateral Bracing for Wood Trusses

0' 1' 2' 4' 8'



3 Gable Section

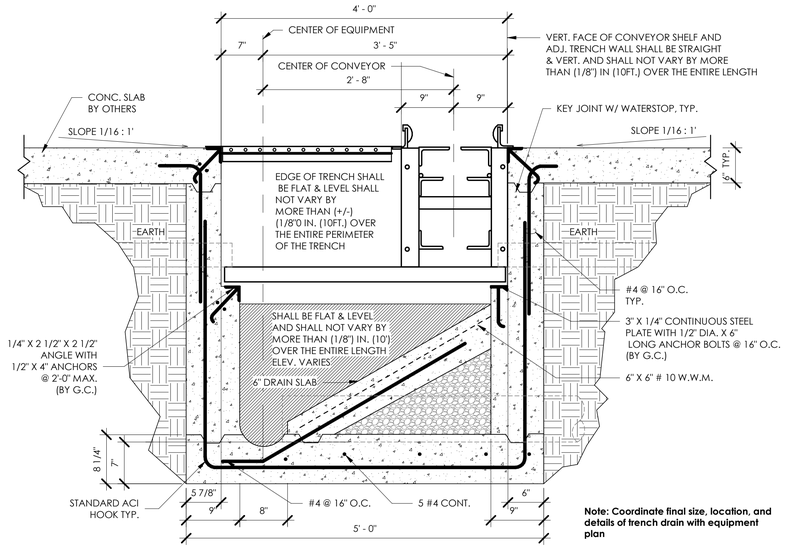
0" 6" 1' 2' 4'



Note: Coordinate final size, location and details of drain pit with equipment plan

4 Typical Drain Pit Detail - Verify with equipment drawings

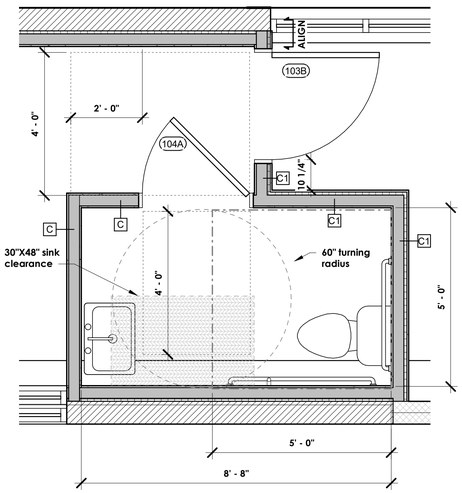
0" 3" 6" 1' 2'



Note: Coordinate final size, location, and details of trench drain with equipment plan

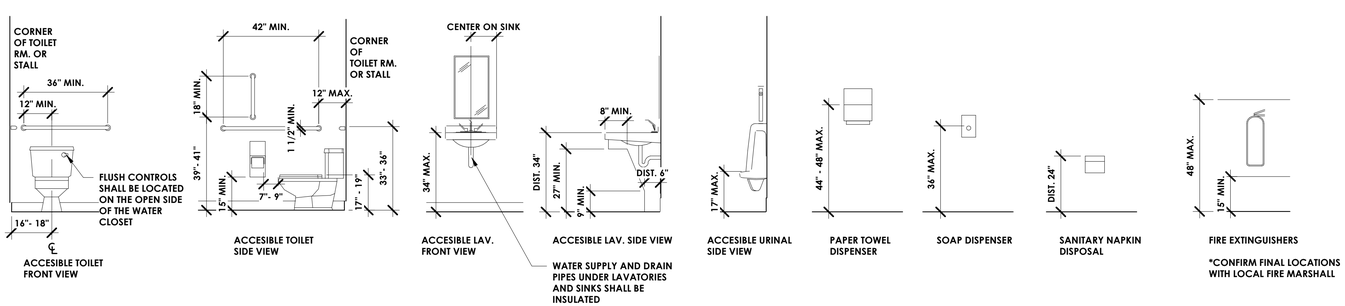
5 Typical Section Thru Trench Drain - Verify with equipment drawings

0" 3" 6" 1' 2'



6 Enlarged Bathroom Plan

0" 6" 1' 2' 4'

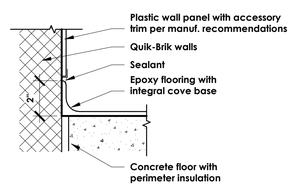


NOTES:

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'

Permit Set

PASSERO ASSOCIATES
engineering architecture

Stamp:

REGISTERED ARCHITECT PETER RICHARD WEHNER STATE OF NEW YORK

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Details

6780 Pittsford Palmyra Road

Car Wash - Perinton

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

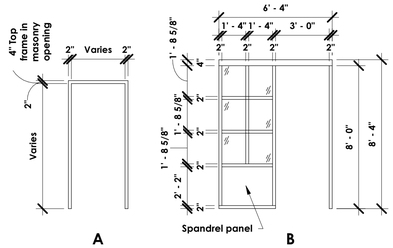
Project No.: 20213223.0001

Drawing No.: A-500

Date: January 19, 2022

Door Schedule

Door Number	Door Material	Door Finish	Number of Leaves	Width	Height	Glass	Elevation Letter	Frame Type	Frame Finish	Hardware Set	Remarks
	Door							**Frame**			
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	A	Alum/Factory	L/C	Threshold with thermal break. Full length frosted glass each leaf
101B	PVC	Factory	1	3' - 0"	7' - 0"	X	B	A	PVC/Factory	L/C	Threshold with thermal break. Extrutech Plastics, Inc. D9000.
102A	Alum.	Factory	1	3' - 0"	8' - 0"	X	C	B	Alum/Factory	L/C	Threshold with thermal break.
103A	Hollow Core Wood	Paint	1	3' - 0"	7' - 0"	X	D	A	HM/Paint	P	
103B	Hollow Core Wood	Paint	1	3' - 0"	7' - 0"	X	D	A	HM/Paint	P	Threshold with thermal break.
104A	Hollow Core Wood	Paint	1	3' - 0"	7' - 0"		A	A	HM/Paint	PR	
201	PVC	Factory	1	3' - 0"	7' - 0"	X	B	A	PVC/Factory	L/C	Threshold with thermal break. Extrutech Plastics, Inc. D9000.



Door Frame Types

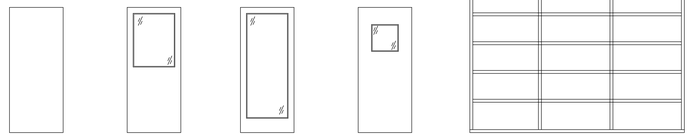
0' 1' 2' 4' 8'

Door and Window Notes

1. 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 jambs in gypsum board walls.
2. Where rated doors are indicated, door frame rating to equal door rating. Frames for windows installed in rated partions to be rated same as door frames and be compatible with wall type.
3. Final hardware selection shall be verified.
4. All hardware to be lever type.
5. Interior glass to be 1" insulated, tempered.
6. Exterior glass to be 1" insulated, low 'E', tempered.
7. All rated doors to have closers
8. Aluminum door and window system is to be EFCO 403T.

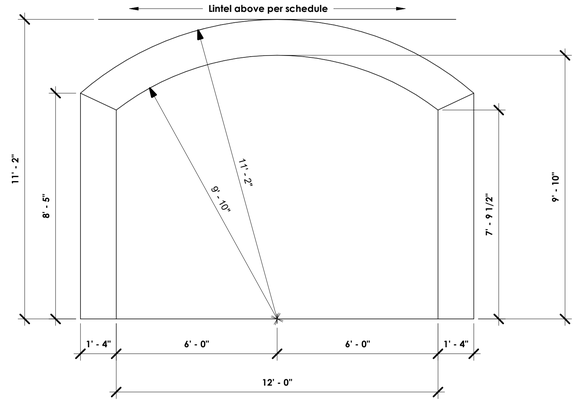
Door Schedule Legend

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*



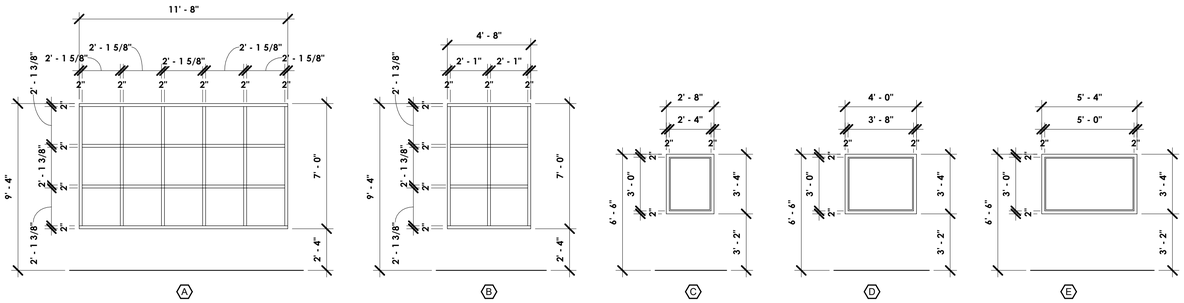
Door Types

0' 1' 2' 4' 8'



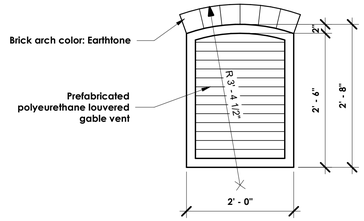
1 100A and 100B Arch Elevation

0" 1' 2' 4' 8'



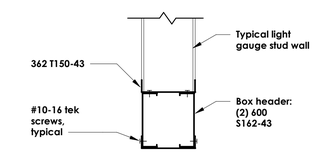
Window Elevations

0' 1' 2' 4' 8'



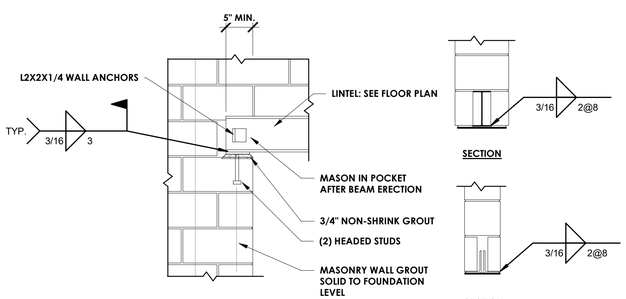
4 Louver Detail

0" 6" 1' 2' 4'



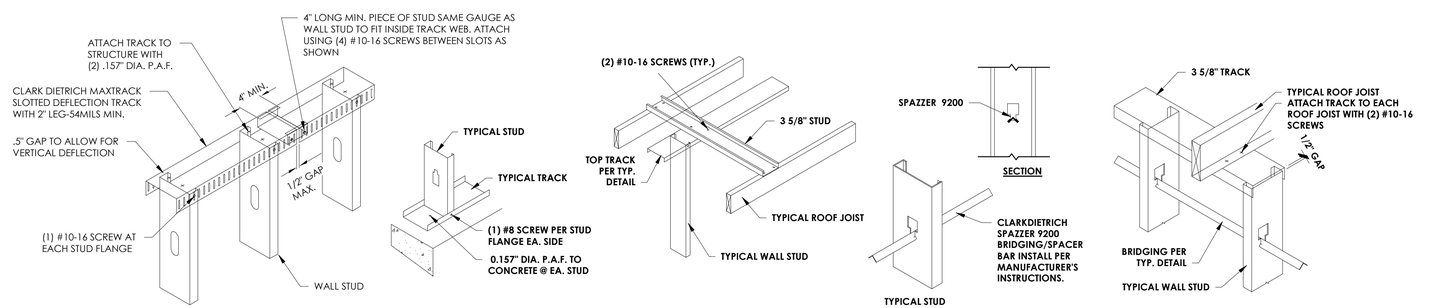
3 Box Header Detail

0" 3" 6" 1' 2'



5 Lintel End Bearing Detail

0" 6" 1' 2' 4'



6 Metal Stud Details

0" 6" 1' 2' 4'

Permit Set

PASSERO ASSOCIATES
engineering architecture

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Details + Schedules

6780 Pittsford Palmyra Road

Car Wash - Perinton

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

Project No.: 20213223.0001

Drawing No.: A-502

Date: January 19, 2022