#### A. General Contractor Scope of Work Responsibilities

- Obtain all local permits for building installation and make arrangements for all local inspections.
- Prepare site to be free from ditches, mounds of dirt or other irregularities. Remove overhead utility lines in work area (building and 20' perimeter) and at street entrance.
- Provide access from street to building location for trucks and crane. Provide gravel construction entrance per local code requirements. Provide gravel drive from construction entrance to building location if site is unable to support trucks and crane (mud, loose sand, etc).
- Provide temporary electrical service or generator and water for cleanup.
- Provide rest room facilities.
- Install building foundations in accordance with Genesis Approved Foundation Drawings.
- Secure the building once it has been delivered and installed.
- Provide Genesis with digital pictures of site progress before delivery of the modular building to include:
- **Site Entrance Conditions**
- Foundation installation **Building Staging Location**
- Crane Pad Location in relationship to the foundation
- Overhead obstructions
- Run slab stat to exterior for installation in entrance pad.
- Ensure that site electrician routed the boiler slab sensor thru the sleeves to wash bay floor and to entrance apron. This must be done prior to pouring the concrete to apron.

#### B. Site Electrical Responsibilities for Building

- Provide and connect electrical service entrance to the building including all required equipment. Provide connection(s)
- Provide circuits, conduit, wiring, etc. For all site electrical equipment (freestanding signage, yard lights, coin box, dryer
- Connect power leads to batteries in emergency lights after main power is connected.
- Remake all module line electrical crossover connections in the field after building is set.
- Main electrical disconnect (if required).
- Bring wiring umbilical into MCC cabinet and make wiring terminations.
- Route the boiler slab sensors thru sleeves to wash bay floor and to entrance apron. This must be done prior to pouring the concrete to apron.

#### C. Site Plumbing Responsibilities for Building

- Provide and connect main water supply to building and water meter.
- Provide connection for water supply and sanitary drain lines. Water supply and drain lines within modular building provided by Genesis.
- Connect rainwater downspouts to drainage system (if required).
- Grout the connection between the grit separator & the building drain as per foundation plans.
- Remake all module line crossover connections in the field after building is set. (Copper and or Stainless Steel and or Galvanized and or CPVC)
- Install pad heat tubing for entrance and exits and route back to sleeves through floor of equipment room (if boiler system
- Route bay floor heat tubing to sleeves through floor of equipment room (if boiler system is included).
- Supervise in-ground heating connections between entrance and exit aprons and bay (if boiler system is included).
- Ensure that equipment room radiant heat system is connected and in working order (as required).
- Land floor heat tubing to the boiler manifold (if floor heat option is included).
- Fill boiler and commission system per manufacturer's specifications (if boiler system is included).
- Ensure that site electrician routed the boiler slab sensor thru the sleeves to wash bay floor and to entrance apron. This must be done prior to pouring the concrete to apron.

### D. Local Equipment Distributor

- Remake all hose connections pertaining to the equipment package per the equipment schedule on the contract drawings.
- Erect, assemble, position and secure all ancillary equipment furnished to included but not limited to POS system, clearance bars, signage, dryer timers, etc.
- Review drawings to confirm utilities, equipment locations & equipment specifications.
- Signage and graphics.
- Additional Car wash equipment above that which is specified.
- Accept and provide warranty of equipment installed with building.
- Assist General Contractor in following architectural and engineering drawings provided, by Genesis. Provide detailed industry expertise and knowledge. Provide data to properly locate stub-ups for support equipment. Coordinate with Superintendent before equipment delivery to verify scheduled delivery date of building and ancillary equipment
- (dependent upon verification of building support locations). Unload, uncrate and inspect ancillary equipment for damage including filing any claims directly with Genesis before the
- truck can leave the facility. Coordinate terminations, openings, etc with general contractor to help assure a smooth installation.
- Inspect and ensure proper operation of Emergency Stop Button.
- Confirm correct operation of R.O. Window washer unit (when applicable).
- Confirm correct operation of Reclaim unit (when applicable)
- Distributor will not perform any electrical trades work. This is the responsibility of site electrician. Distributor will advise
- and or assist if requested by project electrician with equipment terminations. Install all signs and confirm proper operation.
- Start up and commission wash equipment per manufacturer's specifications.
- Clean up area and dispose of waste left behind from packaging of products.
- Confirm correct operation of wash bay doors. (if doors are installed) Adjust track / rails after building is set in field.
- Adjust entrance and exit doors. (if doors are installed)
- Run slab stat to exterior for installation in entrance pad. Check and tighten (if necessary) all plumbing connections.
- Mount the boiler outdoor sensor and the door package thermostat on the north face of the building. (Note: Be careful not to drill into the gutter if it is mounted under the soffit.)

### Field Erector

- Insulate between washbay and equipment room.
- Set washbay module.
- Install p-traps and r.o. chase (PVC pipe and elbows) on equipment room module.
- Remove shipping tape covering electrical cross over junction box, thru wall for carwash and dryer junction box.
- Set equipment room module.
- Weld building modules to weld plates as per detail 8 on sheet F2.
- Remove all equipment bracing in washbay and equipment room. Return orange painted bracing and ratchet straps and come-a-longs to BM.
- Install flashing between modules and waterproof.
- Install flashing at lifting points and waterproof. See detail on sheet E14.
- Install ceiling hung washbay heater (DX52-20) if required.
- Install washbay heater vents thru roof and water proof. (Note: Holes in roof are already cut)
- Install ceiling hung equipment room heater (DR-30). See sheet A3 and EL1. Install fascia and gutter on washbay module.
- Install window trim on washbay module.
- Clean, caulk, and touch up.
- Check all doors for proper operation.
- Clean up all trash from jobsite. 18. Check floor for cracks. Repair if necessary.

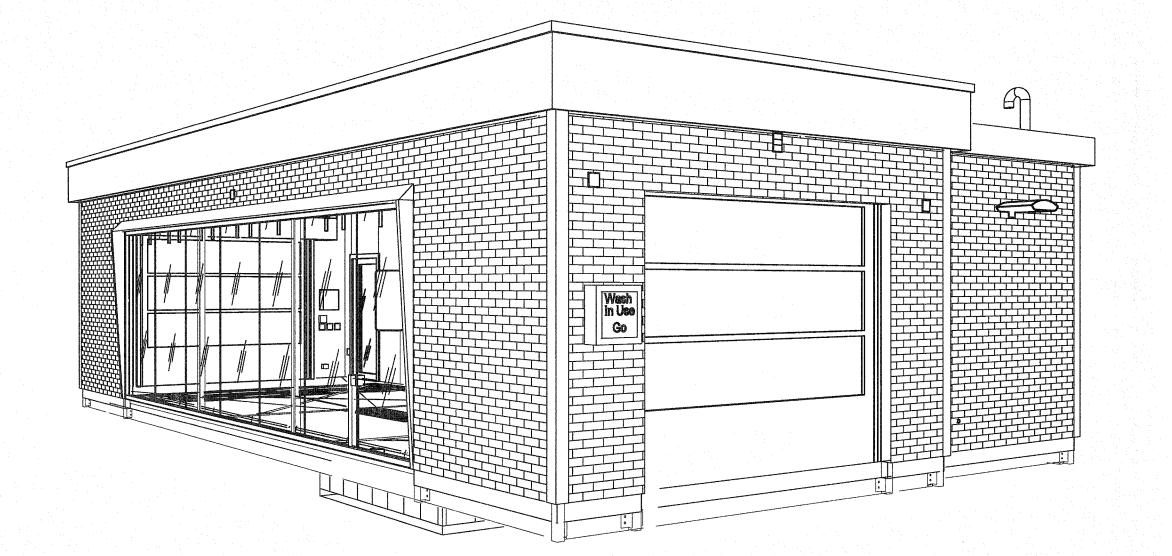
Automatic Car Wash

#### Sheet Number Sheet Name Sheet Number Sheet Name Plumbing Riser & Details 00-CS1 Cover Sheet 03-P3 00-CS2 Appendix B Plumbing Riser & Details 03-P4 Floor Heat Layout 01-A1 Exterior Elevations 03-P5 Floor Plan 01-A2 Floor Framing Plan 04-S1 01-A3 Equipment Plan Roof Framing Plan 04-S2 Equipment Room Interior Elevations 01-A4 Framing Sections 04-S3 01-A5 Wash Bay Interior Elevations Section 04-S4 02-E1 Electrical Plan Section 04-S5 02-E2 Lighting Plan Section 04-S6 02-E3 Electrical Schedules Foundation Plan

05-F1

05-F2

Sheetz



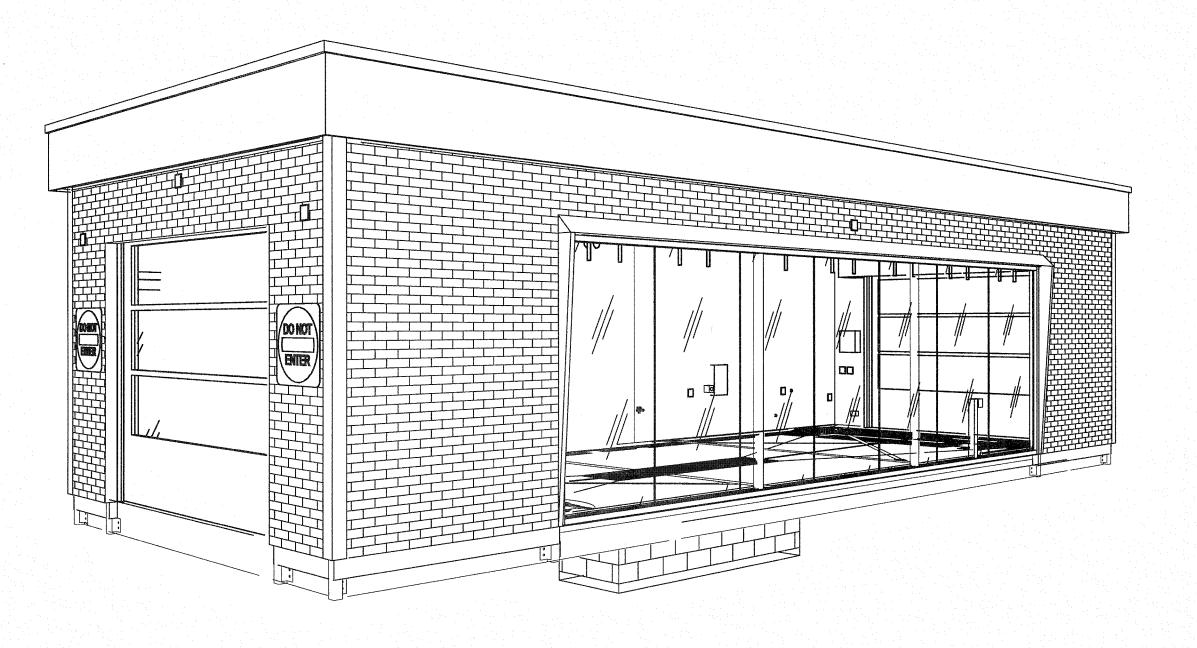
Plumbing Plan

Plumbing Risers

Perspective View Entrance

03-P1

03-P2



Perspective View Exit

# NORTH CAROLINA

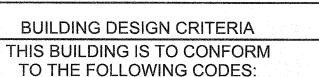
Foundation Details

ITEMS TO BE INSTALLED IN FIELD, SUBJECT TO LOCAL CODE

ELECTRICAL & PLUMBING, SEE SHEET E1 AND P1 GAS METER, C.T. CAN, METER AND DISCONNECT WATER METER, SHEET METAL WINDOW TRIM ALL SITE WORK INCLUDING FOUNDATION

### NOTES:

- 1. THESE BUILDINGS WILL BE LOCATED A DISTANCE GREATER THAN 15'-1" FROM PROPERTY LINES OR INTERIOR LOT LINES PER THE BUILDING CODE.
- 2. THIS BUILDING WILL NOT BE LOCATED IN A FLOOD PRONE AREA. 3. THE SITE CONTRACTOR IS TO PROVIDE HANDICAPPED
- ACCESSIBLITY TO ALL DOORS OF THE BUILDING
- AS APPLICABLE. 4. ALL ITEMS REQUIRED UNDER PART III 28CFR36
- TO BE PROVIDED ON SITE BY THE OWNER 5. 3RD PARTY INSPECTION LABEL, STATE LABEL, & MFG DATA PLATE
- ARE LOCATED AS SHOWN ON SHEET A2.
- 6. A RESTROOM WILL BE WITHIN 500 FT OF THIS BUILDING.



2018 NC BUILDING CODE (ICC/ANSI A117.1 - 09 EDITION)

- 2018 NC PLUMBING CODE 2018 NC MECHANICAL CODE 2018 NC FUEL GAS CODE 2018 NC FIRE CODE
- 2017 NC ELECTRICAL CODE W/ AMENDMENTS 2018 NC ENERGY CONSERVATION CODE OR 2013 ASHRAE 90.1
- OCCUPANCY: GROUP "B" OCCUPANCY LOAD: 1, AREA - 923 SQ/FT. CONSTRUCTION TYPE: II-B, UNSPRINKLERED HEIGHT OF BUILDING: 11'-10" FROM GRADE

NUMBER OF STORIES: 1 **DESIGN LOADS: THIS BUILDING IS CONSTRUCTED** TO WITHSTAND THE FOLLOWING LOADS:

FLOOR-LIVE LOAD LIVE LOAD SNOW LOAD SEISMIC

-30 PSF -5 PSF **DESIGN CLASS D DESIGN CATEGORY A** 

- 100 PSF

WIND LOAD-BASIC WIND SPEED

WIND EXPOSURE

-115 MPH Vult (EXP "C") 89 MPH Vasd



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Alliance Building Manufacturer 1801 Rockdale Industrial Blvd. Conyers, GA 30012

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Description

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	<del>C.H. MOSS, P.I</del>	
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	COVINGTON, GA	3001:
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	2014 CARN''	

MODULAR CONSTRUCTION

Sheetz 42' Single Bay Car

SHEET TITLE

**Cover Sheet** 

Wash

G20V36

ADDRESS Sawyer Rd. & NC 24-87 Cameron, NC

GENESIS NO. PR1078

GBF PROJECT NO. 12/10/20

QUALITY CONTROL

TM

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS (EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES) (Reproduce the following data on the building plans sheet 1 or 2)	North Bast N/A West N/A South Interior walls and partitions N/A	
Name of Project: Sheetz 24' x 42' Modular Single Bay Car Wash  Address: Sawyer Rd & NC 24-87, Cameron, North Carolina Zip Code 28326	Floor Construction N/A Including supporting baums and joints	
Owner/Authorized Agent: Shawn McGovern Phone # (770) 381-6900 E-Mail	Floor Cailing Assembly N/A  Columns Supporting Floors N/A  Roof Construction, including N/A	
Code Enforcement Jurisdiction: State	Supporting beams and joints  Roof Celling Assembly  Columns Supporting Roof  N/A	
CONTACT:  DESIGNER FIRM NAME LICENSE# TELEPHONE# E-MAIL  Architectural ()	Shaft Enclosures - Exit N/A Shaft Enclosures - Other N/A  Corridor Separation N/A	
Civil  Electrical  Fire Alarm  Plumbing  Mechanical	Occupancy/Fire Barrier Separation N/A Party/Fire Wall Separation N/A Smoke Barrier Separation N/A Smoke Partition N/A	
Sprinkler-Standpipe () Structural Frey-Moss Structures Charles H. Moss 11066 (770) 483-9229 Retaining Walls >5' High () Other () "Other" should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)	Tenant/Dwalling Unit/ Slooping Unit Suparation Incidental Use Separation * Indicate section number permitting reduction	
2018 NC BUILDING CODE: New Building		
2018 NC EXISTING BUILDING CODE: N/A CONSTRUCTED: (date) CURRENT OCCUPANCY(S) (Ch. 3):         RENOVATED: (date) PROPOSED OCCUPANCY(S) (Ch. 3):	FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES  PROTECTION  PROPERTY LINES  PROPE	
OCCUPANCY CATEGORY (Table 1604.5): Current: II Proposed: II  BASIC BUILDING DATA Construction Type: II-B	(Table 705.8)   ▶ 30 ft   N/A   N/A   N/A	
Sprinklers: <u>No</u> <u>N/A</u> Standpipes: <u>N/A</u>		
Primary Fire District: <u>No</u> Flood Hazard Area: <u>No</u> Special Inspections Required: <u>No</u>	LIFE SAFETY SYSTEM REQUIREMENTS  Emergency Lighting: No	
Gross Building Area Table FLOOR EXISTING (SQ FT) NEW (SQ FT) SUB-TOTAL	Emergency Lighting; No Exit Signs: No Fire Alarm: No Smoke Detection Systems: No	
3 <sup>rd</sup> Floor 2 <sup>nd</sup> Floor Mezzanine	Carbon Monoxide Detection: No	
1 <sup>st</sup> Floor 923 Basement	LIFE SAFETY PLAN REQUIREMENTS  Life Safety Plan Shoet #: N/A	
TOTAL 923  ALLOWABLE AREA	Fire and/or smoke rated wall locations (Chapter 7)  Assumed and real property line locations (if not on the site plan)	
rimary Occupancy Classification(s): <u>Business</u> Accessory Occupancy Classification(s):	Exterior wall opening area with respect to distance to assumed property lines (705.8)  Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)  Occupant loads for each area  2018 NC Administrative Code and Policies	
ncidental Uses (Table 509):  special Uses (Chapter 4 – List Code Sections):  special Provisions: (Chapter 5 – List Code Sections):  Aixed Occupancy: No Separation: Select one Exception:  Select one  Actual Area of Occupancy A + Actual Area of Occupancy B	Exit access travel distances (1017) Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1)) Dead end lengths (1020.4) Clear exit widths for each exit door Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3) Actual occupant load for each exit door	
Allowable Area of Occupancy A  + + = 0.039 \leq 1.00	<ul> <li>A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation</li> <li>Location of doors with panic hardware (1010.1.10)</li> </ul>	
STORY DESCRIPTION AND (A) (B) (C) (D)  NO. USE BLDG AREA PER TABLE 506.24 AREA FOR FRONTAGE STORY (ACTUAL) AREA INCREASE STORY OR UNLIMITED 2.3  One B-Car Wash 923 23,000	Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)  Location of doors with electromagnetic egress locks (1010.1.9.9)  Location of doors equipped with hold-open devices  Location of emergency escape windows (1030)  The square footage of each fire area (202)	
Frontage area increases from Section 506.2 are computed thus:	☐ The square footage of each smoke compartment for Occupancy Classification 1-2 (407.5) ☐ Note any code exceptions or table notes that may have been utilized regarding the items above	
a. Perimeter which fronts a public way or open space having 20 feet minimum width =(F)  b. Total Building Perimeter =(P)  c. Ratio (R/P) =(F/P)	ACCESSIBLE DWELLING UNITS (SECTION 1107)  TOTAL   ACCESSIBLE   ACCESSIBLE   TYPE A   TYPE B   TOTAL	
d. W = Minimum width of public way =(W) e. Percent of frontage increase $I_f = 100[F/P - 0.25] \times W/30 =$ (%) Unlimited area applicable under conditions of Section 507.  Maximum Building Area = total number of stories in the building x D (maximum3 stories) (506.2). The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.	Units Units Units Units Units Units Units Units Accessible Units Required Provided Required Provided Provided Provided Provided Provided	
Frontage increase is based on the unsprinklered area value in Table 506.2.	ACCESSIBLE PARKING (SECTION 1106)	
ALLOWABLE HEIGHT  ALLOWABLE SHOWN ON PLANS CODE REFERENCE  Building Height in Feet (Table 504.3) 55 11'-10"  Building Height in Stories (Table 504.4) Four One  rovide oade reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.	LOT OR PARKING AREA  REQUIRED  PROVIDED  REGLEAR WITH  S'ACCESS AISLE  132" ACCESS  AISLE  N/A  TOTAL	
FIRE PROTECTION REQUIREMENTS  BUILDING FLEMENT FIRE RATING DETAIL# DESIGN# SHEET#FOR SHEET#	PLUMBING FIXTURE REQUIREMENTS (TABLE 2002.1)	
SEPARATION DISTANCE (W/ * SHEET # RATED FOR RATED FOR RATED FOR REDUCTION)  Structural Frame, including columns, girlers,	USE WATERCLOSETS URINALS LAVATORIES SHOWERS DRINKING FOUNTAINS  MALE FEMALE UNISEX MALE FEMALE UNISEX /TUBS REGULAR ACCESSIBLE  SPACE EXIST'G  NEW 1 Same N/A 1 Same N/A 1 1	
trusses         N/A         Searing Walls         Searing Walls         N/A         N	Reg'D Restrooms and Drinking Fountain within 500 ft of building	
Bast NA West N/A South N/A	SPECIAL APPROVALS  Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)	

2018 NC Administrative Code and Policies

Nonbearing Walls and

2018 NC Administrative Code and Policies

Exterior walls

ENERGY SUMMARY ENERGY REQUIREMENTS: The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design. Existing building envelope complies with code: No Exempt Building: No Provide code or statutory reference: Climate Zone: 3A Method of Compliance: Energy Code - Performance (If "Other" specify source here)\_ THERMAL ENVELOPE (Prescriptive method only) Roof/ceiling Assembly (each assembly) Description of assembly: <u>Standing Seam Metal Roof</u> U-Value of total assembly: 0.038 R-Value of insulation; 30
Skylights in each assembly: N/A U-Value of skylight; \_\_\_ total square footage of skylights in each assembly: Exterior Walls (each assembly) Description of assembly: Metal Framed Walls U-Value of total assembly: 0.052

R-Value of insulation: 26 Openings (windows or doors with glazing) U-Value of assembly: Solar heat gain coefficient: <u>0.72</u> projection factor: Door R-Values: Walls below grade (each assembly) Description of assembly: U-Value of total assembly: R-Value of insulation: Floors over unconditioned space (each assembly) Description of assembly: <u>Steel Joist</u> U-Value of total assembly: 0.040 R-Value of insulation: 24.56 Floors slab on grade Description of assembly: U-Value of total assembly: R-Value of insulation: Horizontal/vertical requirement: slab heated: 2018 NC Administrative Code and Policies

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS STRUCTURAL DESIGN (PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE) DESIGN LOADS: Snow (Is) 1.0 Seismic ( $I_B$ ) 1.0Live Loads: Mezzanine Floor Ground Snow Load: Basic Wind Speed \_\_\_115\_\_\_ mph (ASCE-7) Wind Load: Exposure Category <u>C</u> SEISMIC DESIGN CATEGORY: A Provide the following Seismic Design Parameters:

SEISMIC DESIGN CATEGORY: A

Provide the following Seismic Design Parameters:
Risk Category (Table 1604.5)
Spectral Response Acceleration Ss\_0.062 %g Si\_0.034 %g

Site Classification (ASCE 7)
Data Source: Presumptive
Basic structural system Bearing Wall
Analysis Procedure: Simplified
Architectural, Mechanical, Components anchored? Yes

LATERAL DESIGN CONTROL: Wind

SOIL BEARING CAPACITIES:
Presumptive Bearing Capicity 2000 psf

2018 NC Administrative Code and Policies

Pile size, type, and capacity

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

< 300 kBw/h

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

winter dry bulb: 10 summer dry bulb: 95

Interior design conditions winter dry bulb: 40 summer dry bulb: 95 relative humidity: 50%

Building heating load: 175 kBtu/h

Building cooling load: N/A

Mechanical Spacing Conditioning System
Unitary
description of unit:
heating efficiency:

cooling efficiency:
size category of unit:
Boiler
Size category. If oversized, state reason.:
Chiller

Chiller
Size category. If oversized, state reason.:

List equipment efficiencies: 80%

2018 NC Administrative Code and Policies

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

ELECTRICAL DESIGN

(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance: Energy Code - Prescriptive

Lighting schedule (each fixture type)
lamp type required in fixture
number of lamps in fixture
ballast type used in the fixture
number of ballasts in fixture
total wattage per fixture

2018 NC Administrative Code and Policies

number of ballasts in fixture
total wattage per fixture
total interior wattage specified vs. allowed (whole building or space by space)
total exterior wattage specified vs. allowed

Additional Efficiency Package Options
(When using the 2018 NCECC; not required for ASHRAE 90.1)

C406.2 More Efficient HVAC Equipment Performance
C406.3 Reduced Lighting Power Density
C406.4 Enhanced Digital Lighting Controls

C406.4 Enhanced Digital Lighting Controls
C406.5 On-Site Renewable Energy
C406.6 Dedicated Outdoor Air System
C406.7 Reduced Energy Use in Service Water Heating

Description Date

modular carwash building systems

"The Only TRUE Modular

Carwash"

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1.888.GENWASH

www.genwash.com

CH MOSS, P.F.

COVINGION, GA 3



Alliance Building Constructor www.frey-moss.com

Sheetz

42' Single Bay Car Wash

Appendix B

Project number

G20V36

dress

Checked by

Scale

Sawyer Rd. & NC 24-87 Cameron, NC

Drawing No.

Genesis No.

Date

Drawn by

CS2

PR0062

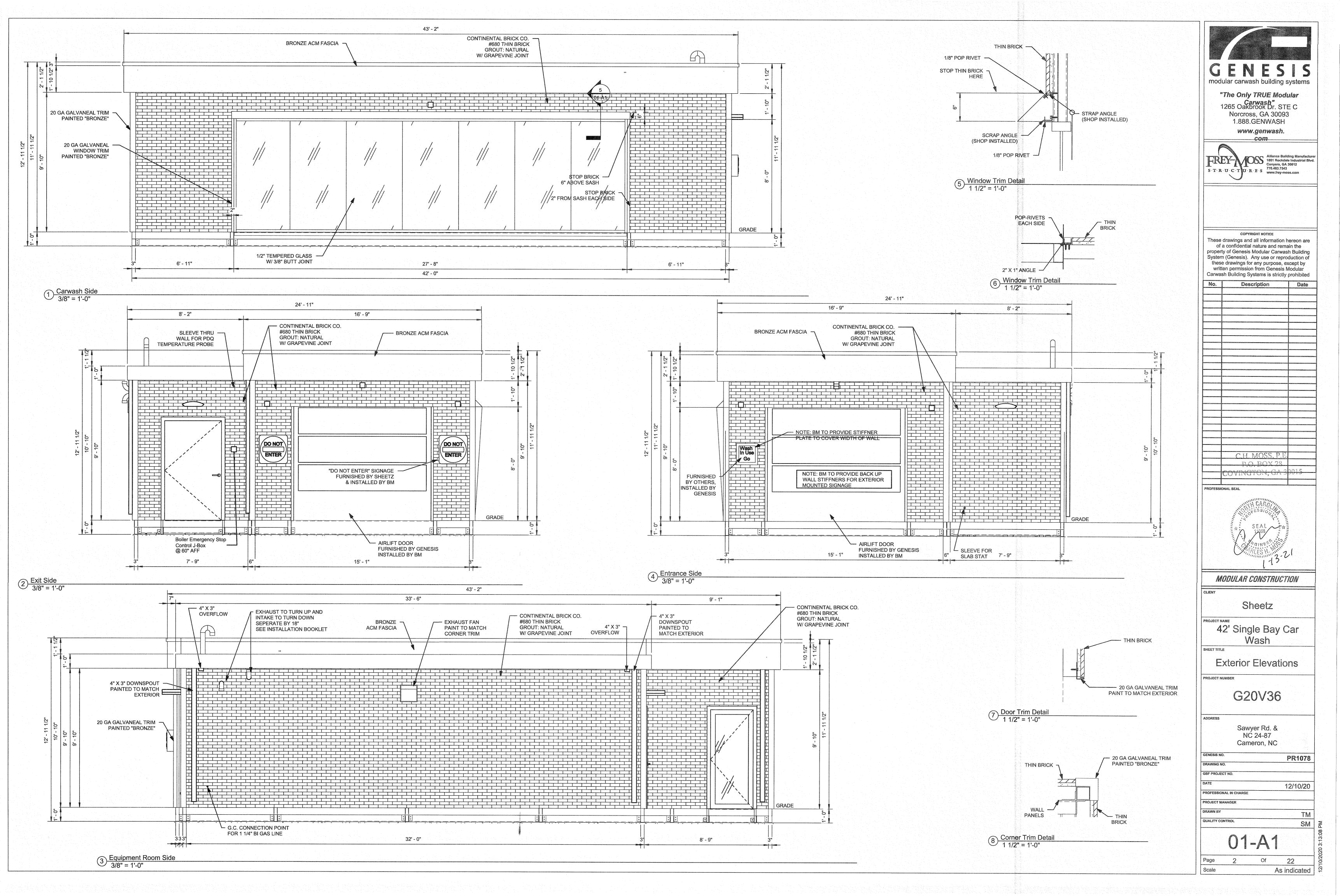
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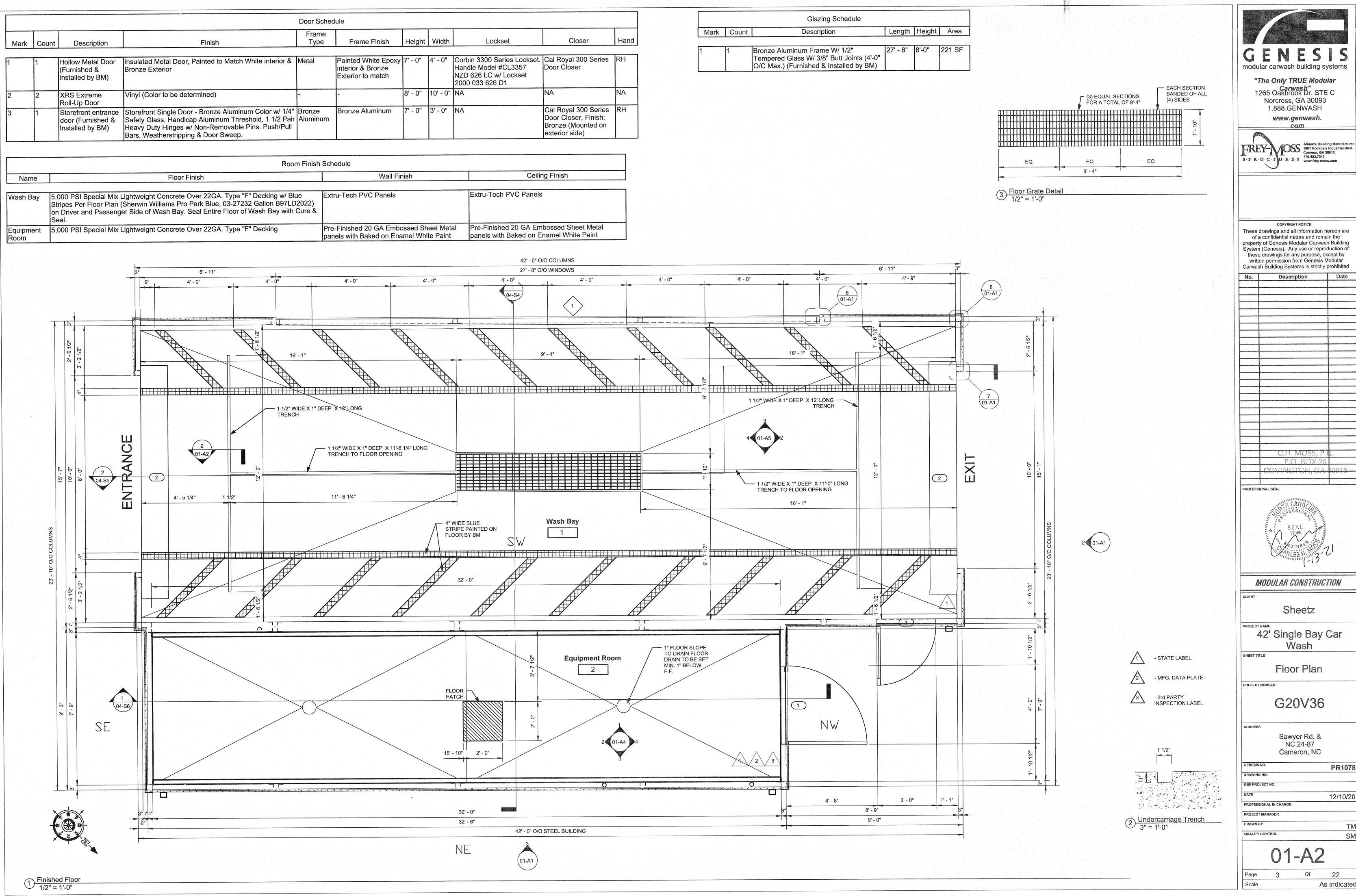
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2 Of 2

2 Of 2
As indicated





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MODULAR CONSTRUCTION

42' Single Bay Car

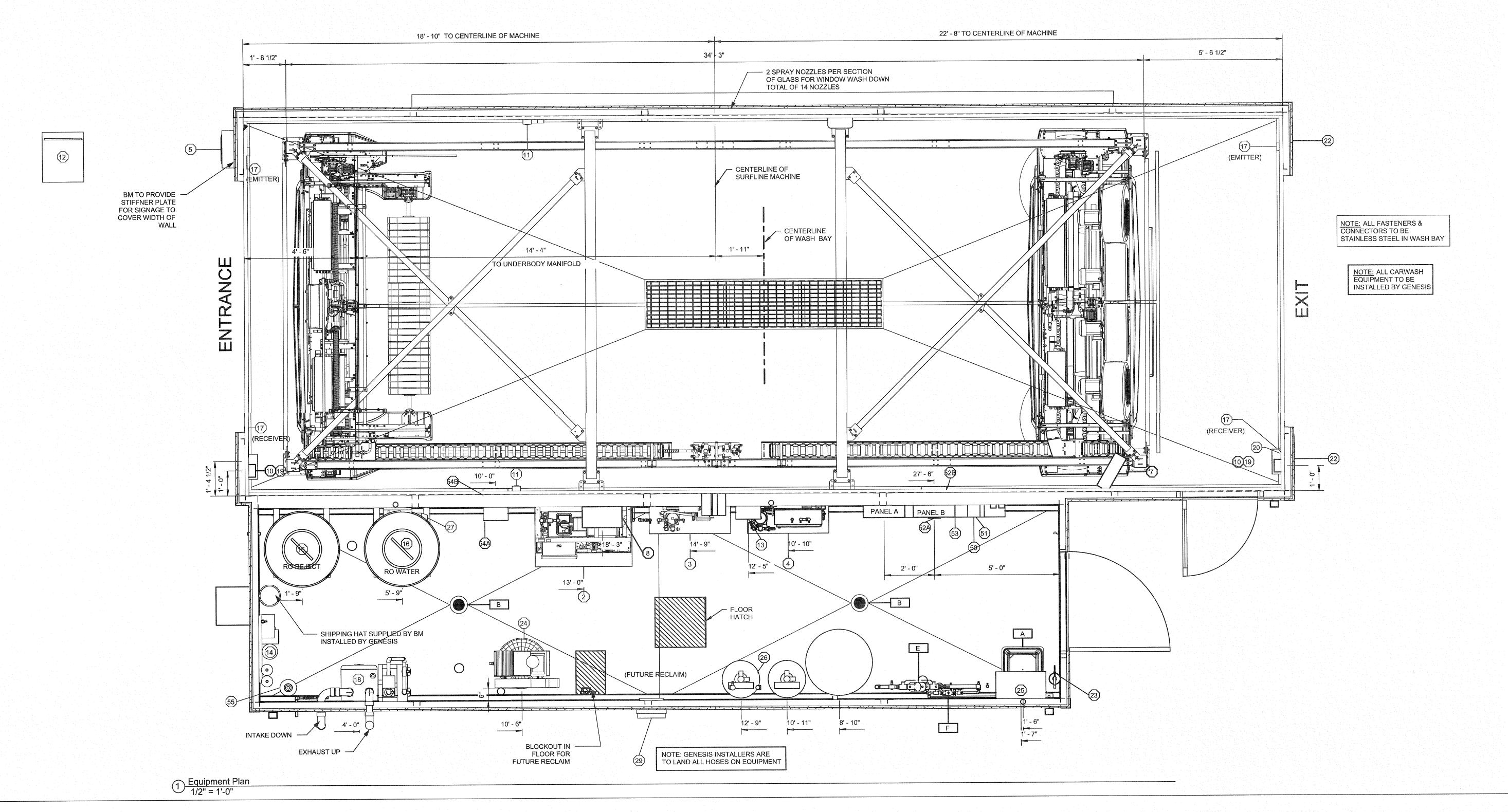
PR1078

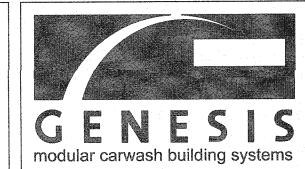
		Car Wash E	Equipment Schedule			
Mark	Count	Description	Manufacturer	Model	Furnished By	Installed By
4	<b>I</b>	Tandem Surfline, Floor Mounted	PDQ		TLED	Genesis
। १	1	High Pressure Pump Station	PDQ		LED	Genesis
3	1	Productivity Panel	PDQ		LED	Genesis
<del>3</del> 4	1	Base Solution Panel	PDQ		LED	Genesis
<del></del> 5	1	18" x 18" Wait go Sign	PDQ	Wait/Go Sign	LED	Genesis
7	1	Confirmation Sign	PDQ		LED	Genesis
8	1	Bay Box	PDQ		LED	Genesis
9	1	Fixed undercarriage	PDQ		LED	Genesis
10	2	J18	PDQ		LED	Genesis
11	2	Ultra Sonic Sensor	PDQ		LED	Genesis
12	1	Entry Station	PDQ	Access	LED	LED
13	1	Bridge Box	PDQ		LED	Genesis
14	1	R.O. Unit	Pur Clean		LED	Genesis
16	2	300 Gallon Vertical Storage	Chemtainer	TC6481IC	LED	Genesis
17	4	Photo Eye	PDQ		LED	Genesis
18	1	NFB High-Efficiency Condensing Fire Tube Boiler	Navien, Inc.	NFB-175	Genesis	Genesis
19	2	Door Controller	Airlift Doors		Genesis	Genesis
20	1	Maintenance Box	PDQ		LED	Genesis
22	2	Do Not enter Sign		24" x 24"	Genesis	BM

Mark	Count	Description	Manufacturer	Model	Furnished By	Installed By
23	1	Fire Extinguisher, Min. 5 LB (Furnished & Installed by Owner)		101b ABC	Sheetz	Sheetz
24	1	Air compressor	Champion		Genesis	Genesis
25	1	Electric Cold Water Stationary Pressure Washer, 2,000 PSI, 3 GPM, 220 Volt	Hydro Spray	HSWC3020EDXA	Genesis	Genesis
26	1	Water Softener System	Velocity	TWIN-2T-150K	Genesis	Genesis
27	1	Repress Pump	Pur Clean		LED	Genesis
29	1	Exhaust Fan		509	вм	вм
50	1	6" x 6" Camera/Telephone thru Wall Electrical Box	ВМЕ	Camera/Telephone	BME	BME
51	1	Lighting Contactor	BME		вме	BME
52A	1	6" x 6" High Voltage thru Wall Electrical Box - Equipment Room Side	ВМЕ	Power	BME	BME
52B	1	12" x 12" High Voltage thru Wall Electrical Box - Wash Bay Side	ВМЕ	Power	BME	BME
53	1	6" x 48" Wire Trough	BME	Power	BME	BME
54A	1	12" x12" Low Voltage thru Wall Electrical Box - Equipment Room Side	BME	Power	BME	BME
54B	1	12" x18" Low Voltage thru Wall Electrical Box - Equipment Room Side	BME	Power	BME	ВМЕ
55	1	Inline Centrifugal Fan	Fantech	FR125	вме	BME

		Plumbing Fixture Schedule										
Mark	Count	Description	Manufacturer	Model	Furnished By	Installed By	Comment					
Commence												
A	1	Utility Sink (ANSI-Specification Z 124.6-2001) w/ Eye Wash Faucet Combo			BMP	ВМР	Direct Drain.					
В	2	Floor Drain (ASTM D2665) ASME A112.63			ВМР	ВМР						
С	1	Lead Free Under Sink Guardian - compression and Quick-Connect fitting thermostatic mixing valves.	WATTS	LFUSG-B-M2	BMP	ВМР						
D	1	Instantaneous Water Heater	Chronomite Laboratories	M-20L / 240	ВМР	ВМР						
E	1	Backflow Preventer-1 1/2" Connection w/ Air Gap Fitting, ASSE 1013, CSA B64.4	Wilkins	975XL	BMP	ВМР	Non-potable water. Reliet hub drain.					
F	1	Backflow Preventer-3/4" Connection w/ Air Gap Fitting, ASSE 1013, CSA B64.4	Wilkins	975XL	ВМР	ВМР	Potable wate Relief to hub darin.					

BM = BLDG. MANUFACTURER
BME = BLDG. MANUFACTURER ELECTRICIAN
BMP = BLDG. MANUFACTURER PLUMBER





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No.	Description	Date
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	COVINGTON, GA	フリジェブ
PROFESSIO	NAL SEAL	

SEAL 11066

MODULAR CONSTRUCTION

Sheetz

42' Single Bay Car Wash

Equipment Plan

PROJECT NUMBER

G20V36

Sawyer Rd. & NC 24-87 Cameron, NC

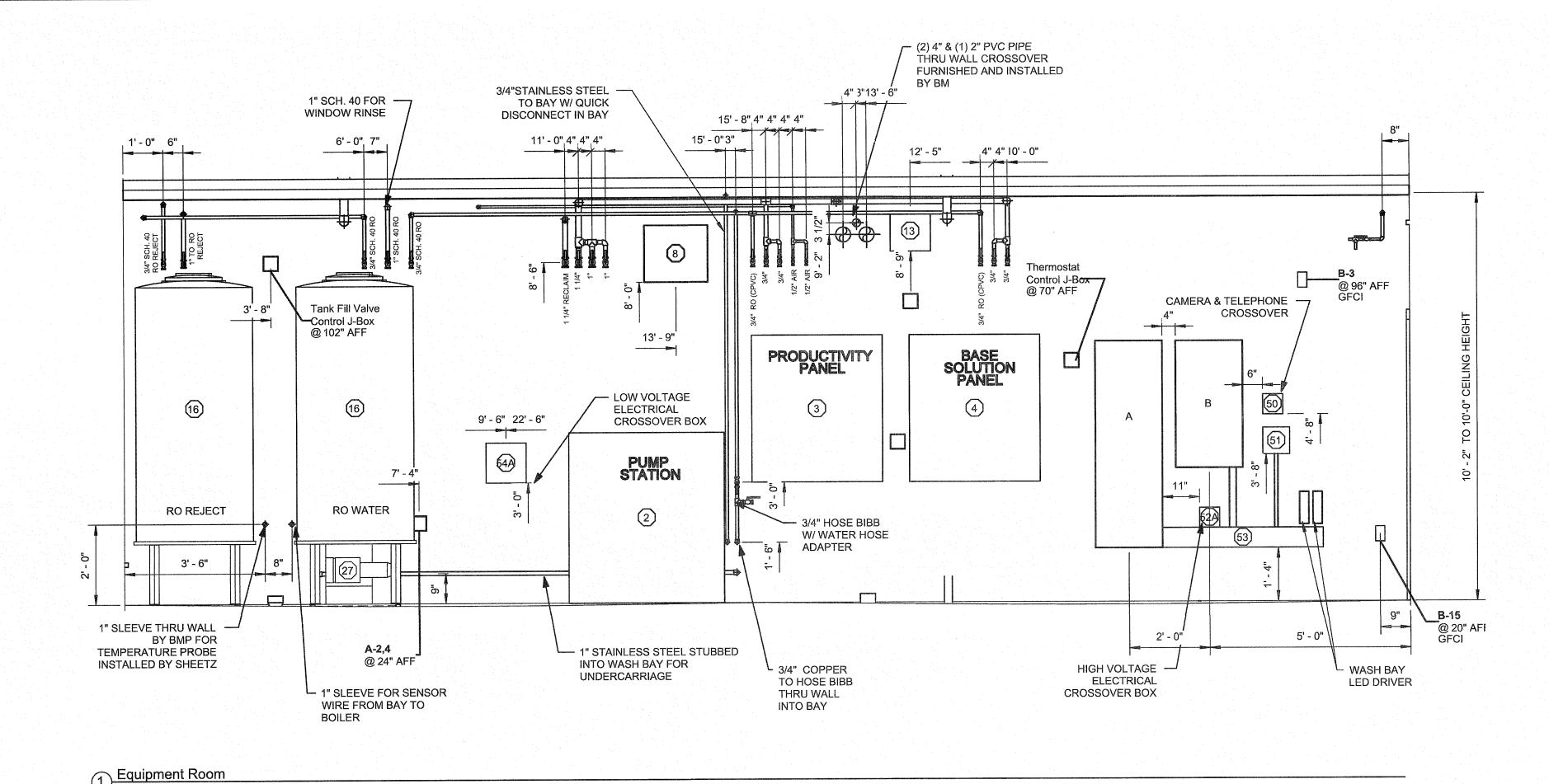
GENESIS NO. PR1078
DRAWING NO.
GBF PROJECT NO.
DATE 12/10/20

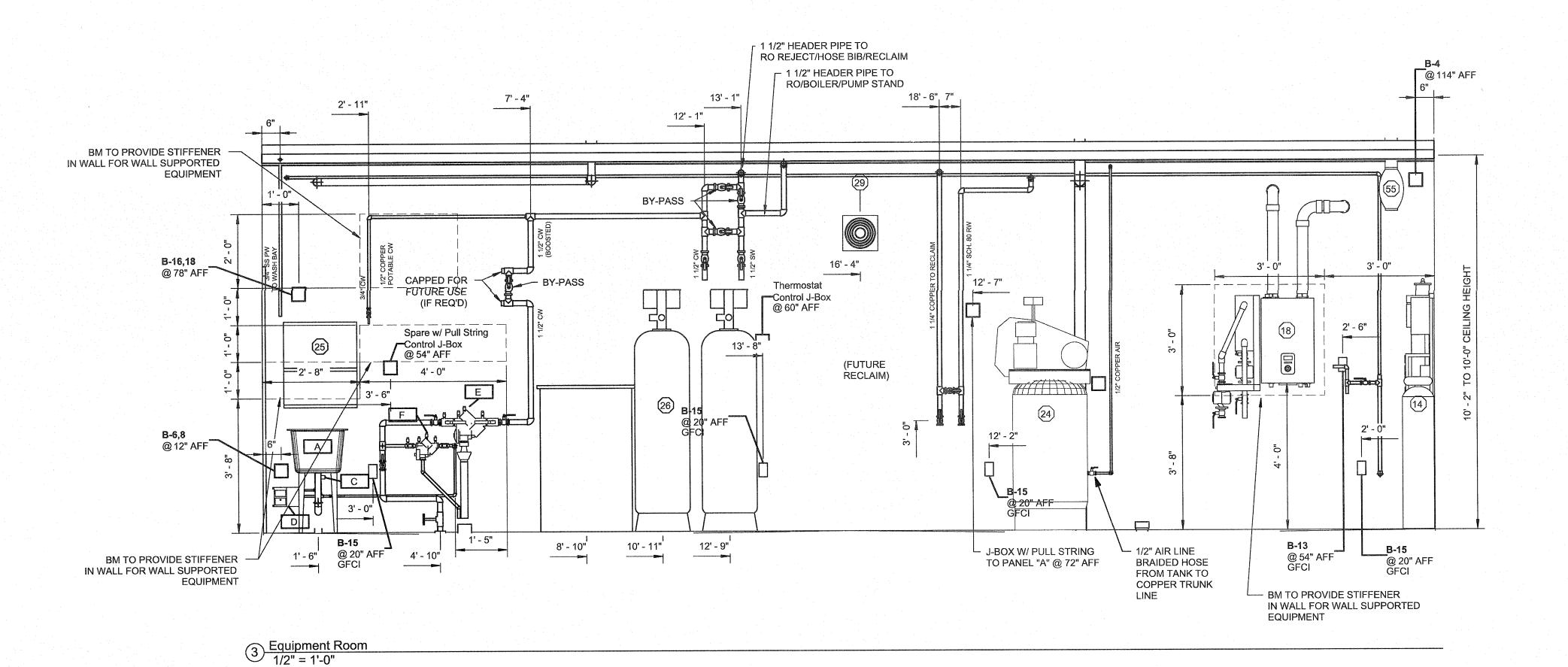
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PROJECT MANAGER
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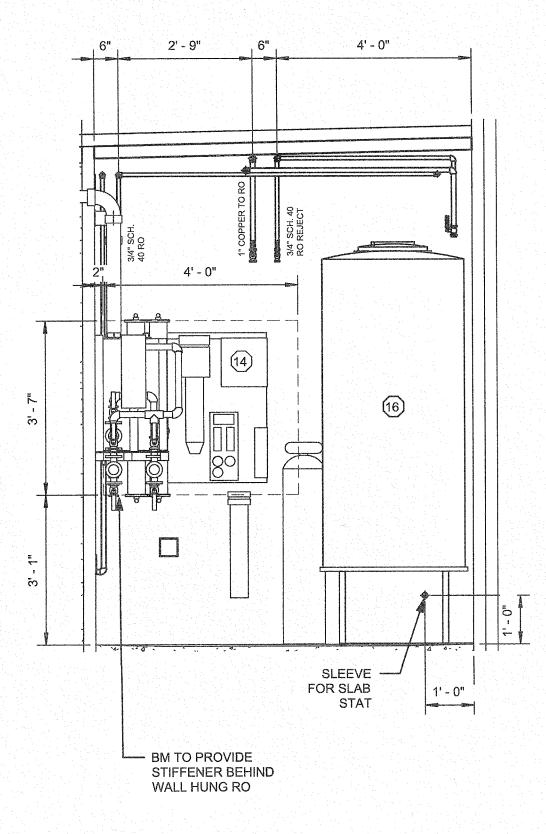
QUALITY CONTROL SM

O1-A3

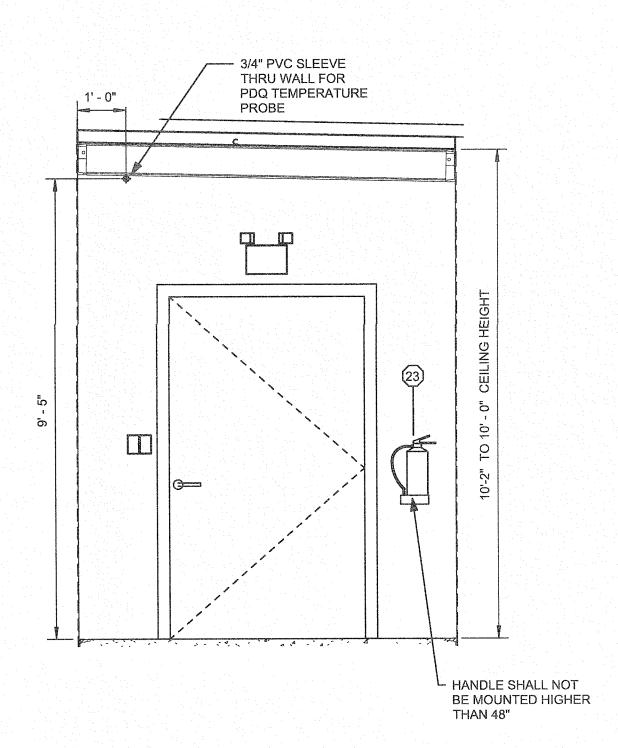
Page 4 Of 22



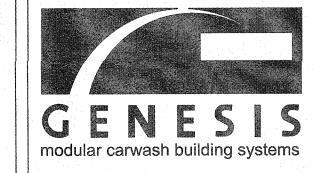




2 Equipment Room
1/2" = 1'-0"



4 Equipment Room
1/2" = 1'-0"



"The Only TRUE Modular
Carwash"
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Norcross, GA 30093
1.888.GENWASH

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No. Description Date

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P.O. BOX 28
COVINGION, GA 3015

PROFESSIONAL SEAL

SEAL

11066

MODULAR CONSTRUCTION

Sheetz

42' Single Bay Car Wash

Equipment Room Interior Elevations

PROJECT NUMBER

G20V36

Sawyer Rd. & NC 24-87 Cameron, NC

DRAWING NO.

GBF PROJECT NO.

DATE

12/10/20

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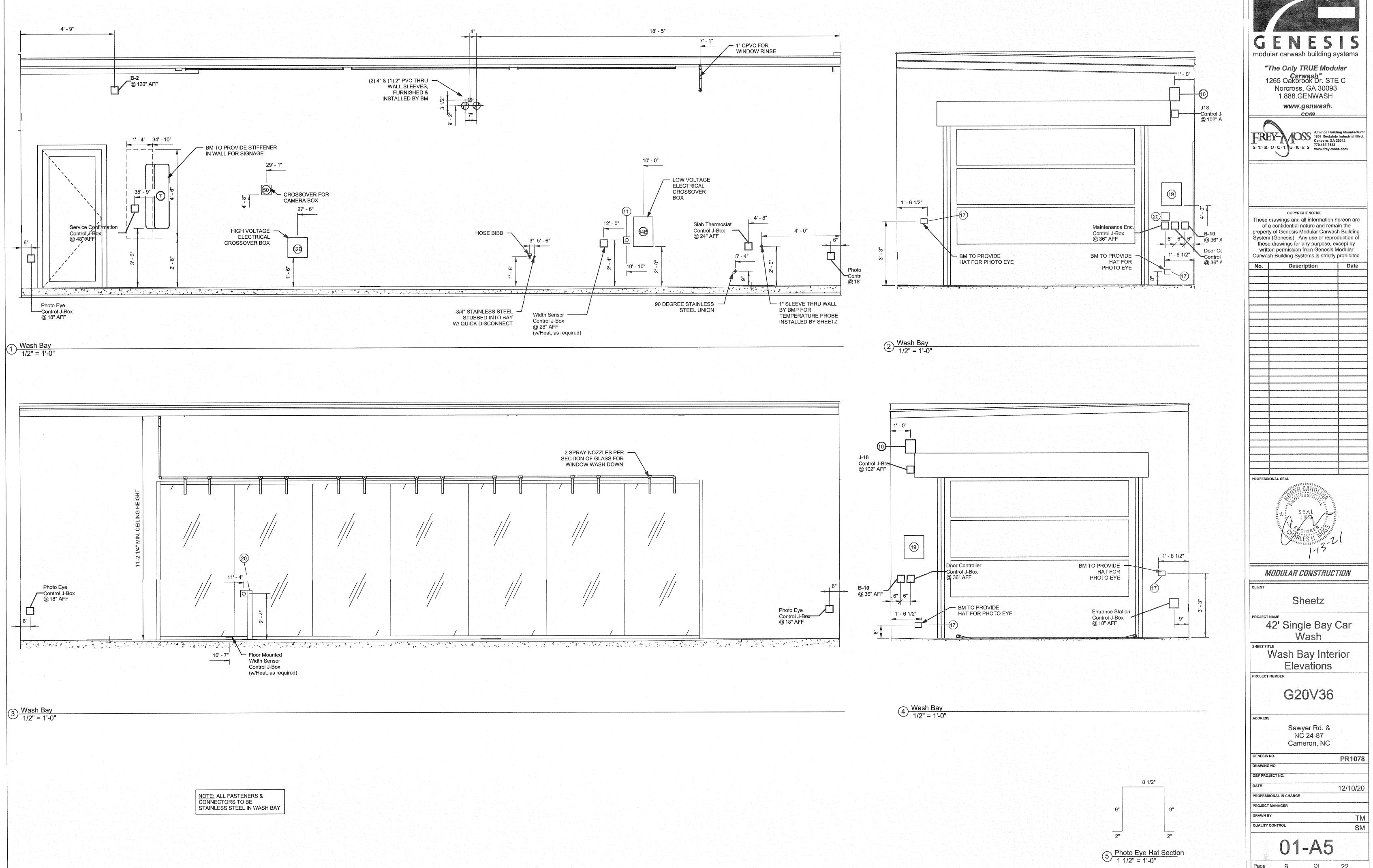
PROJECT MANAGER

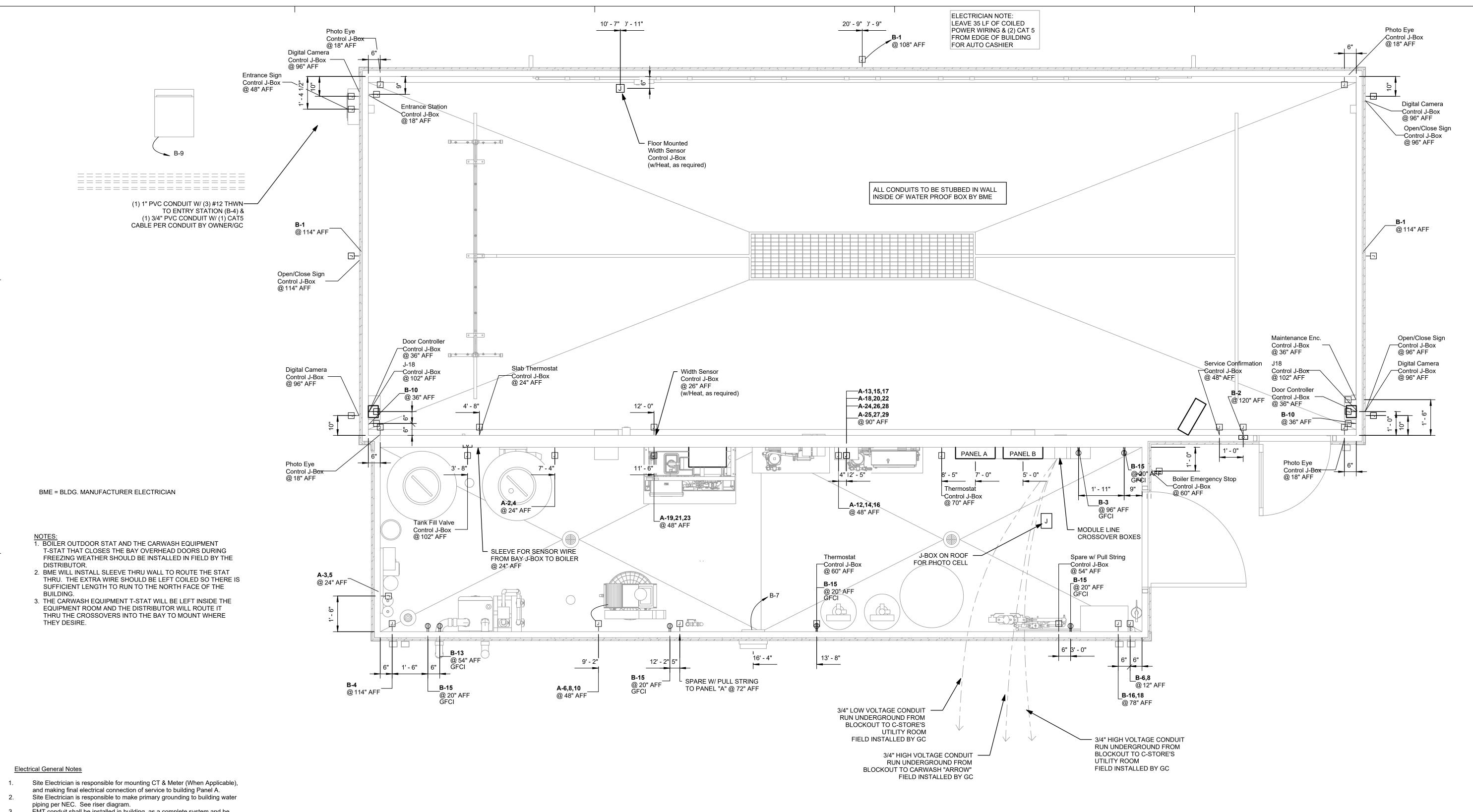
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TM

QUALITY CONTROL SM

e 5 Of 22 le 1/2" = 1'-0"





J18 (Entrance Door Eye Control)

Entrance Sign Thru J-Box

J-Box for Sensor

J-Box for Maintenance Box

Bay Box

Bay Box

Bay Box

- EMT conduit shall be installed in building, as a complete system and be securly fastened in place to studs, or blocking at least every 10'-0" and within 3'-0" of each outlet box, or j-box, or fitting.
- A secondary grounding supplied in building by grounding between interior water pipe and building steel frame. See riser diagram. Site Electrcian is responsible for field work.
- All wiring to be copper type THHN or THWN installed in EMT conduit per

1 Electrical Plan

′ 1/2" = 1'-0"

Entrance J18

Entrance Sign

Maintenance Box

Driver Side Width Measure Sensor

All wiring, fixtures, and equipment are UL listed or labeled or equal. Site Electrician to use in-line fusing at base of each pole.

equipment and fascia signs.

- Site electrician shall obtain all required installation permits from local authorities, and make arrangements for any required inspections. Site electrician shall locate and make all electrical connections that cross module lines, and if applicable make connections to roof mounted
- After power is installed to building, site electrician shall connect batteries in emergency lighting and exit signs.
- Site electrician shall furnish and install all required service entrance equipment, conduits, conductors, and grounding, as required to meet local codes and conditions.
- Site electrician shall furnish and install disconnecting means for all outside lighting and signs within sight of such lighting and sign controls. Site electrician shall install required seals in jobsite installed conduits as
- required by N.E.C. article 514. After installing all conduits through floor chases in modular building, general contractor shall fill floor chases with concrete and finish floor at chase
- The service entrance diagram shows minimum requirements as required by the "National Electrical Code". Size for service entrance conductors and conduits may vary, depending on length of conductors. Site electrician shall calculate voltage drop and make adjustments as required. Site electrician shall refer to owner furnished site specific plans for all required on site electrical.
- Fault current:Building is designed at 10,000 AMPS RMS. When available fault current at site exceeds 10,000 AMPS RMS, the site electrician must install a main fused disconnect which limits the fault current to 10,000 AMPS

				Wash Equipment Conduit Schedule		
Load Name	Conduit	Conduit Size	Wire Pulls	Wire Gauge	From	То
Reclaim Pump				I		
RO Reject Solenoid						
Boost Pump						
Entrance Door Driver Side Sensor	1	1/2"	1	Supplied	Bay Box	Driver Side Sensor Thru J-Box
Entrance Door Passenger Side Sensor	2	1/2"	1	Supplied	Bay Box	Passenger Side Sensor Thru

7 16 AWG

5 16 AWG

3 16 AWG

3/4" 3 (1) Supplied Cable & (2) 16 AWG

3/4"

1/2"

Wash Equipment Conduit Schedule											
Load Name			Wire Pulls	Wire Gauge	From	То					
Passenger Side Width Measure Sensor	9	3/4"	3	(1) Supplied Cable & (2) 16 AWG	Bay Box	J-Box for Sensor					
RO Control	11	1/2"	2	16 AWG	Pump Enclosure	RO System					
Confirmation Sign	12	3/4"	9	22 AWG	Instructional Sign	Service Confirmation Sign					
Exit J18	14	1"	7	16 AWG	Bay Box	J18 (Exit Door Eye Control)					
Exit Door Driver Side Sensor	15	1/2"	1	Supplied	J18 (Exit Door Eye Controls)	Driver Side Sensor Thru J-Box					
Exit Door Passenger Side Sensor	16	1/2"	1	Supplied	J18 (Exit Door Eye Controls)	Passenger Side Sensor Thru J-Box					
Entry Station	18	1"	13	16 AWG	Wash Activation	Entry Station					
Open/Close Sign at Entrance	19	1"	4	18 AWG							
Open/Close Sign at Exit (Driver Side)	20	1"	4	18 AWG							
Open/Close Sign at Exit (Passenger Side)	21	1"	4	18 AWG							

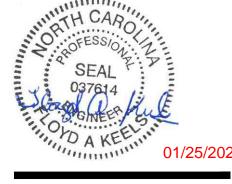
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PROFESSIONAL IN CHARGE

**QUALITY CONTROL** 

PROJECT MANAGER

**DRAWN BY** 

**PROJECT NAME** SHEETZ **AUTOMATIC** 

**CARWASH CAMERON** NC

SAWYER RD. & NC 24-87 CAMERON, NC 28326



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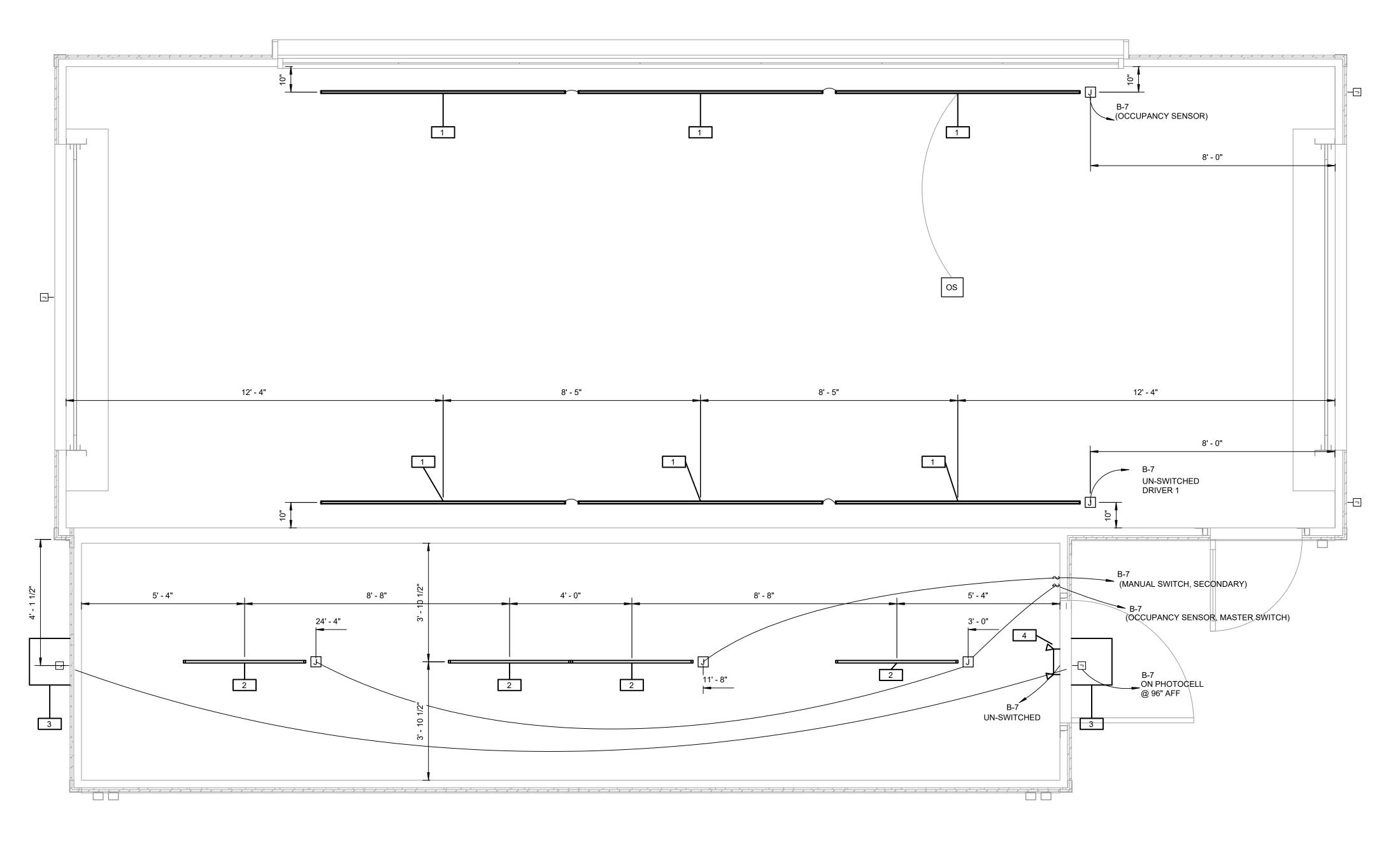
FMS JOB NUMBER G20V36 FMS MODEL NUMBER XXXXXX

PROJECT NUMBER

20210019 SHEET TITLE

> **ELECTRICAL PLAN**

SHEET NUMBER



1/2" = 1'-0"

	Lighting Fixture Schedule												
Mark	Count	Description	Lamp	Comments									
1	6	LED Tube Area Light 8'	LEDTUBE8'	80 W	LED								
2	4	LED Linear 4'	LEDLIN	40 W	LED								
3	2	The Edge LED Wall Pack	SEC-EDG-3M-WM-08-D- UL-BK-525	91 W	LED	Furnished and Installed by Sheetz							
4		Combo Emergency/Exit Light, Thermoplastic Housing. Lead Calcium High Output Batt Rated Min. 1-1/2 Hrs. Red on white. High Charge Indicator. Provide remote heads as noted on plan, Or Equal.	LHQM-S-W-3-R	4 W	LED, RED								

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FMS MODEL NUMBER XXXXXX

> PROJECT NUMBER 20210019

SHEET TITLE

LIGHTING

**PLAN** 

SHEET NUMBER

### **Branch Panel: A**

Location: Equipment Room 2 Supply From: Power Company Mounting: Surface Enclosure: Type 1

Volts: 120/208 Wye Phases: 3 Wires: 4

A.I.C. Rating: 35,000K A.I.C. (Fully Rated) Mains Type: MCB Mains Rating: 400 A MCB Rating: 400 A

	СКТ	Load Class	Circuit Description	Trip	Poles	Wire Size	Wire Type	A(k'	VA)	B(k	VA)	C(k	VA)	Wire Type	Wire Size	Poles	Trip	Circuit Description	Load Class	скт
*	A-1		Spare for Future Reclaim	20 A	1			0.0	0.7					Default	2-#12, 1-#12, 1-#12	2	20 A	RO Repress Pump	Equipment	A-2
Ī	A-3	Equipment	RO System	20 A	2	2-#12, 1-#12, 1-#12	Default			0.7	0.7								Equipment	A-4
Ī	A-5	Equipment										0.7	1.2	Default	3-#10, 1-#10, 1-#10	3	30 A	Air Compressor*	Equipment	A-6
	A-7		Spare for Future Reclaim	20 A	3			0.0	1.2										Equipment	A-8
	A-9									0.0	1.2								Equipment	A-10
	A-11											0.0	2.3	Default	3-#10, 1-#10, 1-#10	3	25 A	Solution Pump Station*	Equipment	A-12
*	A-13	Equipment	Back Bridge	40 A	3	3-#8, 1-#8, 1-#10	Default	3.6	2.3										Equipment	A-14
	A-15	Equipment								3.6	2.3								Equipment	A-16
	A-17	Equipment										3.6	3.6	Default	3-#8, 1-#8, 1-#10	3	40 A	Front Bridge	Equipment	A-18
*	A-19	Equipment	High Pressure Pump Station*	45 A	3	3-#6, 1-#6, 1-#10	Default	4.3	3.6										Equipment	A-20
	A-21	Equipment								4.3	3.6								Equipment	A-22
	A-23	Equipment										4.3	5.3	Default	3-#6, 1-#6, 1-#10	3	50 A	Dryer Feed 1	Equipment	A-24
	A-25	Equipment	Dryer Feed 2	50 A	3	3-#6, 1-#6, 1-#10	Default	5.3	5.3										Equipment	A-26
	A-27	Equipment								5.3	5.3								Equipment	A-28
	A-29	Equipment										5.3				1		Space		A-30
	A-31		Space		1											1		Space		A-32
ļ	A-33		Space		1											1		Space		A-34
ļ	A-35		Space		1											1		Space		A-36
	A-37	Power	Surge Protection (F.I.)	30 A	3	3-#10, 1-#10, 1-#10	Default	0.0	3.2					Default	See One Line Riser	3	100 A	Panel B Subfeed	SUB	A-38
	A-39	Power								0.0	4.5								SUB	A-40
	A-41	Power										0.0	4.5						SUB	A-42
					l Load:			29.5		31.5			kVA							
	Total Amps:								246 A 262 A 257 A			7 A								

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel	Totals
Lighting	0.9 kVA	125.00%	1.1 kVA		
Power	1.3 kVA	100.00%	1.3 kVA	Total Conn. Load:	91.8 kVA
Equipment	89.6 kVA	100.00%	89.6 kVA	Total Est. Demand:	92.0 kVA
				Total Conn. Current:	255 A
				Total Est. Demand Current:	256 A

\*Overcurent device may have to be increased due to starting and load conditions. See NEC 430-52, Table 430-52. Wire size based on 75 degrees celsius terminations and 75 degrees celsius insulation.

**Branch Panel:B** Location: Equipment Room 2

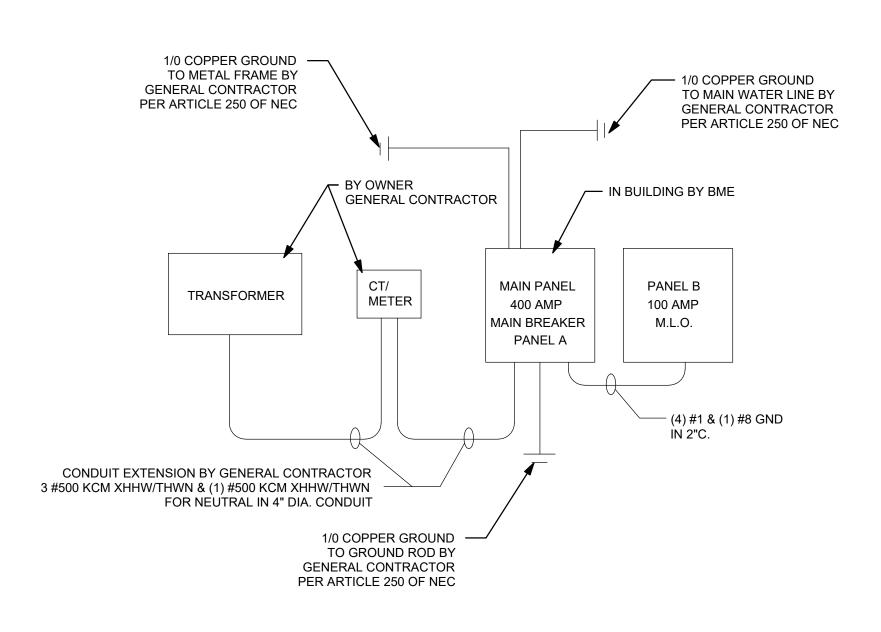
Supply From: A Mounting: Surface Enclosure: Type 1

Volts: 120/208 Wye Phases: 3 Wires: 4

A.I.C. Rating: 35,000K A.I.C (Fully Rated) Mains Type: MLO Mains Rating: 225 A MCB Rating: 100 A

01/T			÷	<b>.</b>	W// O'	Wire	<b>A</b> (1)		<b>D</b> (1)		A) C(kVA)		Wire	W O			Olive M December 1		01/7
	Load Class	•		Poles		Туре	A(k		B(K	VA)	C(K	VA)	Туре		Poles		Circuit Description	Load Class	
B-1	Lighting	Signs (Spare)	20 A	1	1-#12, 1-#12, 1-#12	Default	0.0	0.0					Default	1-#12, 1-#12, 1-#12	1	20 A	Spare	Equipment	B-2
B-3	Power	Digital Video Recorder	15 A	1	1-#14, 1-#14, 1-#14	Default			0.2	0.1			Default	1-#14, 1-#14, 1-#14	1	15 A	Inline EF (Mech Fixture '55')	Equipment	B-4
B-5	-	Space	-	1								2.0	Default	2-#10, 1-#10, 1-#10	2	25 A	Instantaneous Water Heater	Equipment	B-6
B-7	Lighting	Lights / EF (Mech Fixture '29')	20 A	1	1-#12, 1-#12, 1-#12	Default	0.9	2.1								ł	(Plumbing Fixture 'D')	Equipment	B-8
B-9	Equipment	PDQ Access	20 A	1	1-#12, 1-#12, 1-#12	Default			0.4	0.4			Default	1-#12, 1-#12, 1-#12	1	20 A	Door Controllers	Equipment	B-10
B-11		Space		1								0.0	-		2	50 A	Spare		B-12
B-13	Power	Floor Heater Boiler (Mech Fixture '18')	20 A	1	1-#12, 1-#12, 1-#12	Default	0.2	0.0											B-14
B-15	Power	Receptacles	20 A	1	1-#12, 1-#12, 1-#12	Default			0.9	2.5			Default	2-#10, 1-#10, 1-#10	2	30 A	Pressure Washer	Equipment	B-16
B-17		Space		1							-	2.5						Equipment	B-18
B-19		Space		1				-							1		Space		B-20
B-21		Space		1											1		Space		B-22
B-23	B-23 Space 1						-	-			1		Space		B-24				
			Tota	Load:			3.2	κVA	4.5	kVA	4.5	kVA							
	Total Amps:						27	Α	38	Α	38	Α							

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel	Totals
Lighting	0.9 kVA	125.00%	1.1 kVA		
Power	1.3 kVA	100.00%	1.3 kVA	Total Conn. Load:	12.2 kVA
Equipment	10.0 kVA	100.00%	10.0 kVA	Total Est. Demand:	12.4 kVA
				Total Conn. Current:	34 A
				Total Est. Demand Current:	35 A



ONE LINE RISER DIAGRAM

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**QUALITY CONTROL DRAWN BY** 

PROJECT NAME

SHEETZ **AUTOMATIC CARWASH** 

**CAMERON** NC

SAWYER RD. & NC 24-87 CAMERON, NC 28326



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FMS MODEL NUMBER XXXXXX

PROJECT NUMBER 20210019

SHEET TITLE

**ELECTRICAL** 

**SCHEDULES** 

SHEET NUMBER

**E3** 

			Plumbing Fix	xture Schedule			
Mark	Count	Description	Manufacturer	Model	Furnished By	Installed By	Comments
A	1	Utility Sink (ANSI-Specification Z 124.6-2001) w/ Eye Wash Faucet Combo	-	-	ВМР	ВМР	Direct Drain.
В	2	Floor Drain (ASTM D2665) ASME A112.63	-	-	ВМР	ВМР	
С	1	Lead Free Under Sink Guardian - compression and Quick-Connect fitting thermostatic mixing valves.	WATTS	LFUSG-B-M2	ВМР	ВМР	
D	1	Instantaneous Water Heater	Chronomite Laboratories	M-20L / 208	ВМР	ВМР	
E	1	Backflow Preventer-1 1/2" Connection w/ Air Gap Fitting, ASSE 1013, CSA B64.4	Wilkins	975XL	ВМР	ВМР	Non-potable water. Relief to hub drain.
F	1	Backflow Preventer-3/4" Connection w/ Air Gap Fitting, ASSE 1013, CSA B64.4	Wilkins	975XL	ВМР	ВМР	Potable water. Relief to hub darin.

	Process Piping Plumbing Equipment Schedule								
Mark	Count	Description	Manufacturer	Model	Comments				
14	1	R.O. Unit	Pur Clean		No drain.				
16	2	300 Gallon Vertical Storage	Chemtainer	TC6481IC	Hose to hub drain.				
24	1	Air compressor	Champion		Hose to hub drain.				
25	1	Electric Cold Water Stationary Pressure Washer, 2,000 PSI, 3 GPM, 220 Volt	Hydro Spray	HSWC3020 EDXA	No drain.				
26	1	Water Softener System	Velocity	TWIN-2T-1 50K	Hose to hub drain.				

Mark	Count	Description	Manufacturer	Model	Comments
18	1	NFB High-Efficiency Condensing Fire Tube Boiler	Navien, Inc.	NFB-175	
29	1	Exhaust Fan		509	
55	1	Inline Centrifugal Fan	Fantech	FR125	

PLUMBING LEGEND

PLUMBER

FLOOR DRAIN

**HUB DRAIN** 

RO WATER (CPVC)

SANITARY SEWER

 $\mathsf{BM}$ 

BMP

CW

FD

GC

HD

HW

RO

RW

SW

**VSTR** 

**BUILDING MANUFACTURER** 

CITY WATER (COPPER)

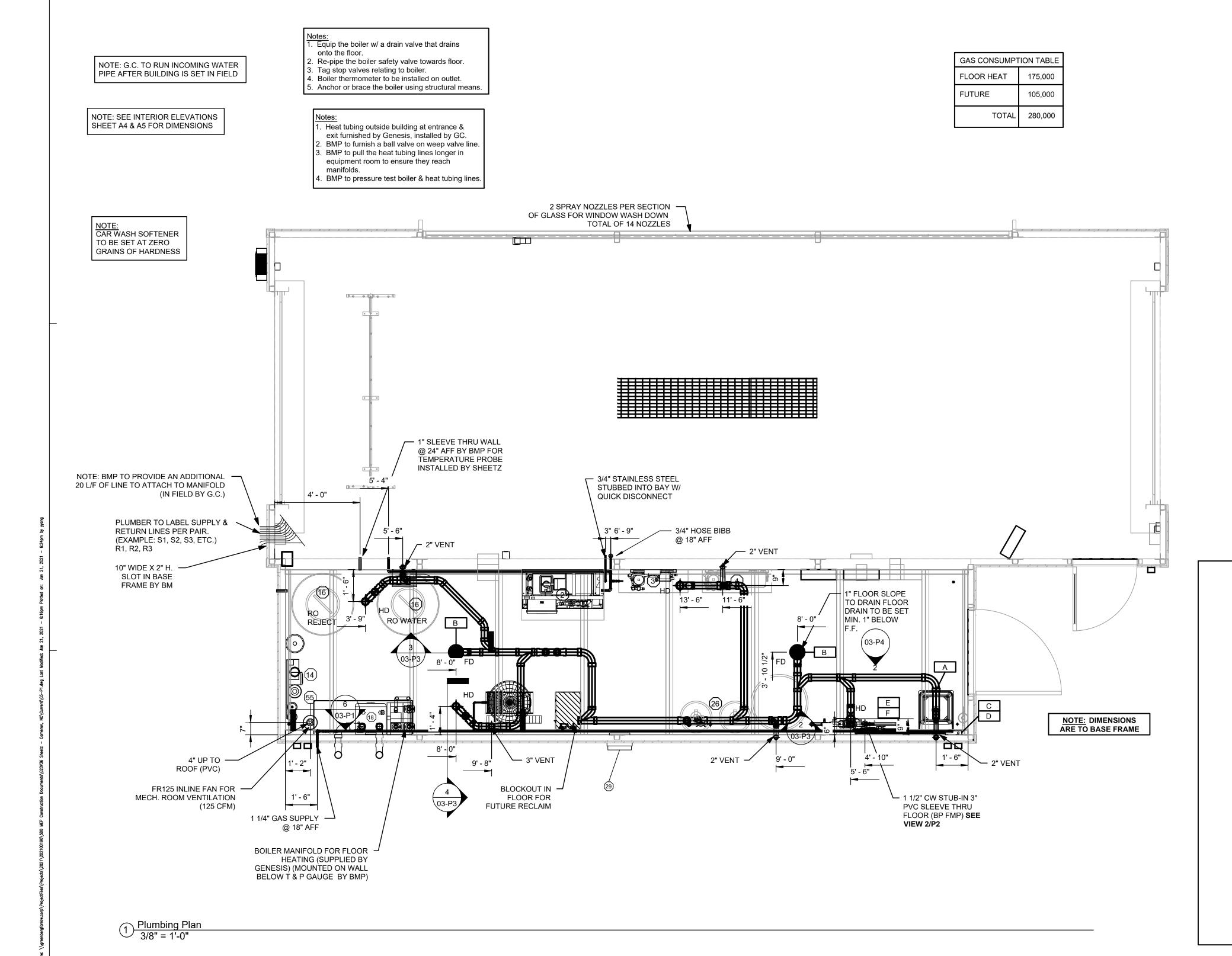
GENERAL CONTRACTOR

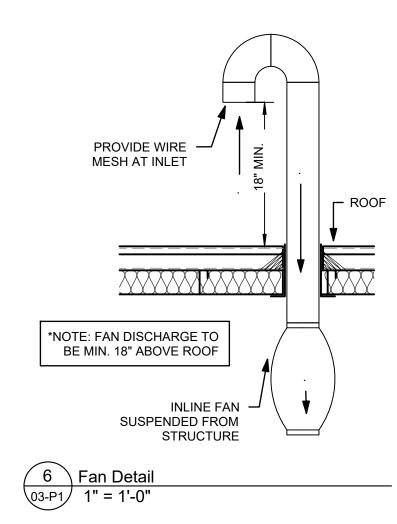
HOT WATER LINES (COPPER)

RECLAIM WATER (COPPER)

SOFT WATER (COPPER)

VENT STACK THRU ROOF





### Plumbing General Notes

- 1. All plumbing to be per applicable plumbing code. (See sheet CS1).
- 2. Hydraulic piping to be watt radiant e-pex cross-linked polyethylene tubing per ASTM F-876/8771 rated @ 100 psi @ 180 degrees fahrenheit or equal. Installed per OML chapter 12.
- 3. All water lines to be copper and all waste piping to be pvc sch. 40.
- 4. Vertical copper pipe to be supported every 4' to 5'.
- 5. All pvc vertical piping inside building shall be anchored between floors
- and ceiling & allow for thermal expansion.
- 6. Horizontal copper to be supported at intervals not to exceed 3'.
- All pvc vertical piping inside building shall be anchored at maximum distance of 4'-0".
- 8. All vents thru roof shall be a minimum of 3" diameter to prevent frost closure. 12" below roof to 12" above roof.
- 9. All p-traps for equipment inside the building by building manufacturer
- 10. All p-traps for floor drains and hub drains under building are pvc and
- supplied and installed by BMP.
- 11. All sanitary sewer connections to points indicated are pvc or per local code and are supplied and installed by GC.
- 12. Wrap pipes in exterior plumbing walls with pre-formed foam insulation.

## Plumbing Field Notes

- Site contractor to supply and install all plumbing required on site and make field joint connections to building at locations shown
- 2. Drainage and vent system shall be tested with 10' head of water after building installation.
- 3. Water supply system shall be tested with not less than 25 psi above working pressure both in shop and on site.

## Gas Notes:

approved equal.

- 1. No gas piping to be below building slab.
- 2. Gas piping to be schedule 40 black iron with screwed fittings.
- 3. Gas using equipment shall be separately valved.
- 4. Gas plug cocks shall be Rockwell Nordstrum, Dezurick, or
- Gas piping installation shall comply with the applicable gas code and pamphlet 54 of the NFPA and 2009 IFGC.

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PROFESSIONAL SEAL P-1359 **01/25/2021** 

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PROJECT MANAGER

**QUALITY CONTROL** 

**DRAWN BY** 

PROJECT NAME SHEETZ **AUTOMATIC** 

**CARWASH CAMERON** NC

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Fax: (770) 483-6037 FMS JOB NUMBER G20V36 FMS MODEL NUMBER

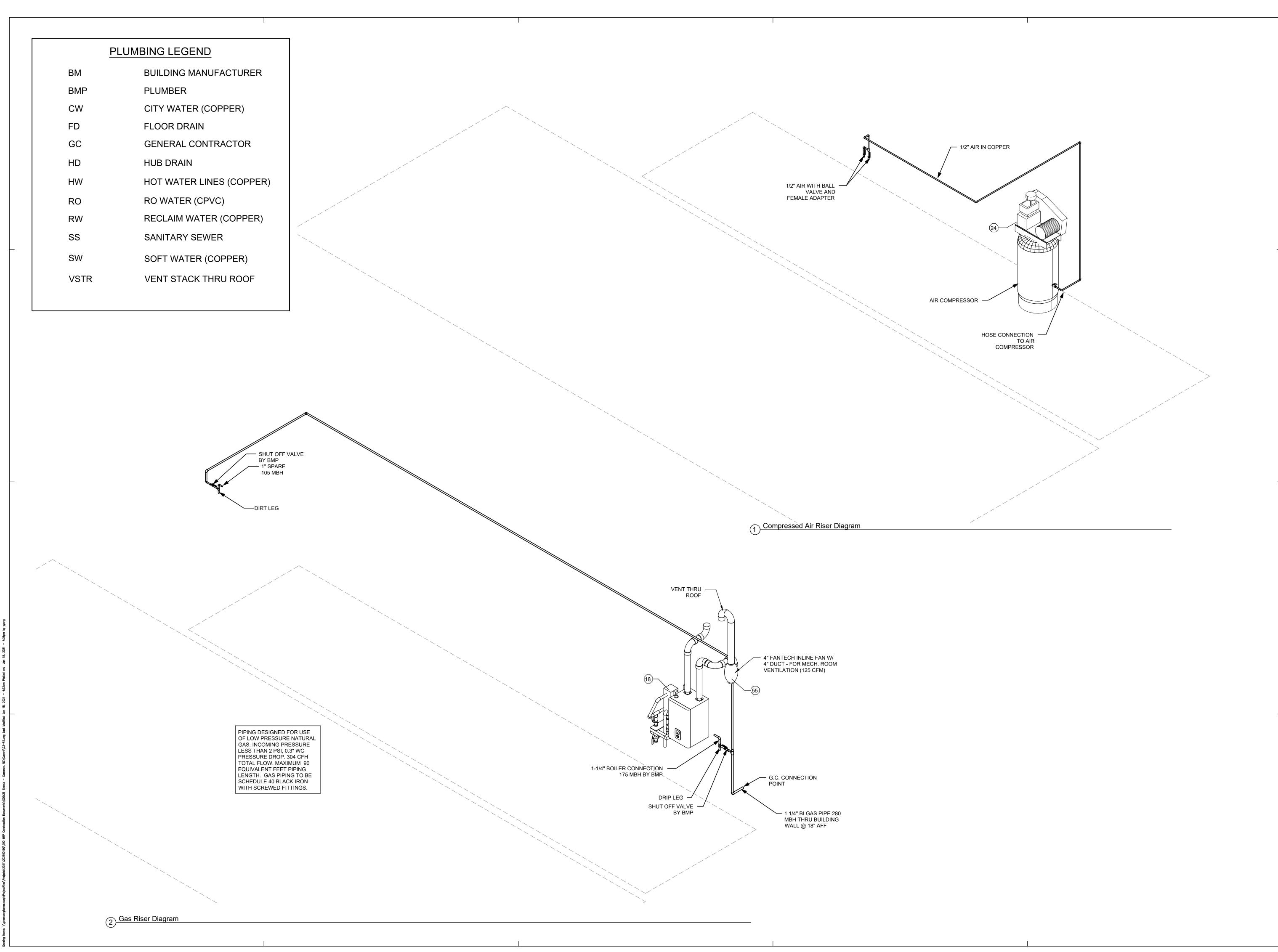
XXXXXX PROJECT NUMBER

20210019

SHEET TITLE

**PLUMBING PLAN** 

SHEET NUMBER





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### PROFESSIONAL IN CHARGE

PROJECT MANAGER

**QUALITY CONTROL** 

DRAWN BY

PROJECT NAME SHEETZ

**AUTOMATIC CARWASH** 

**CAMERON** NC

SAWYER RD. & NC 24-87 CAMERON, NC 28326



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FMS JOB NUMBER G20V36 FMS MODEL NUMBER XXXXXX

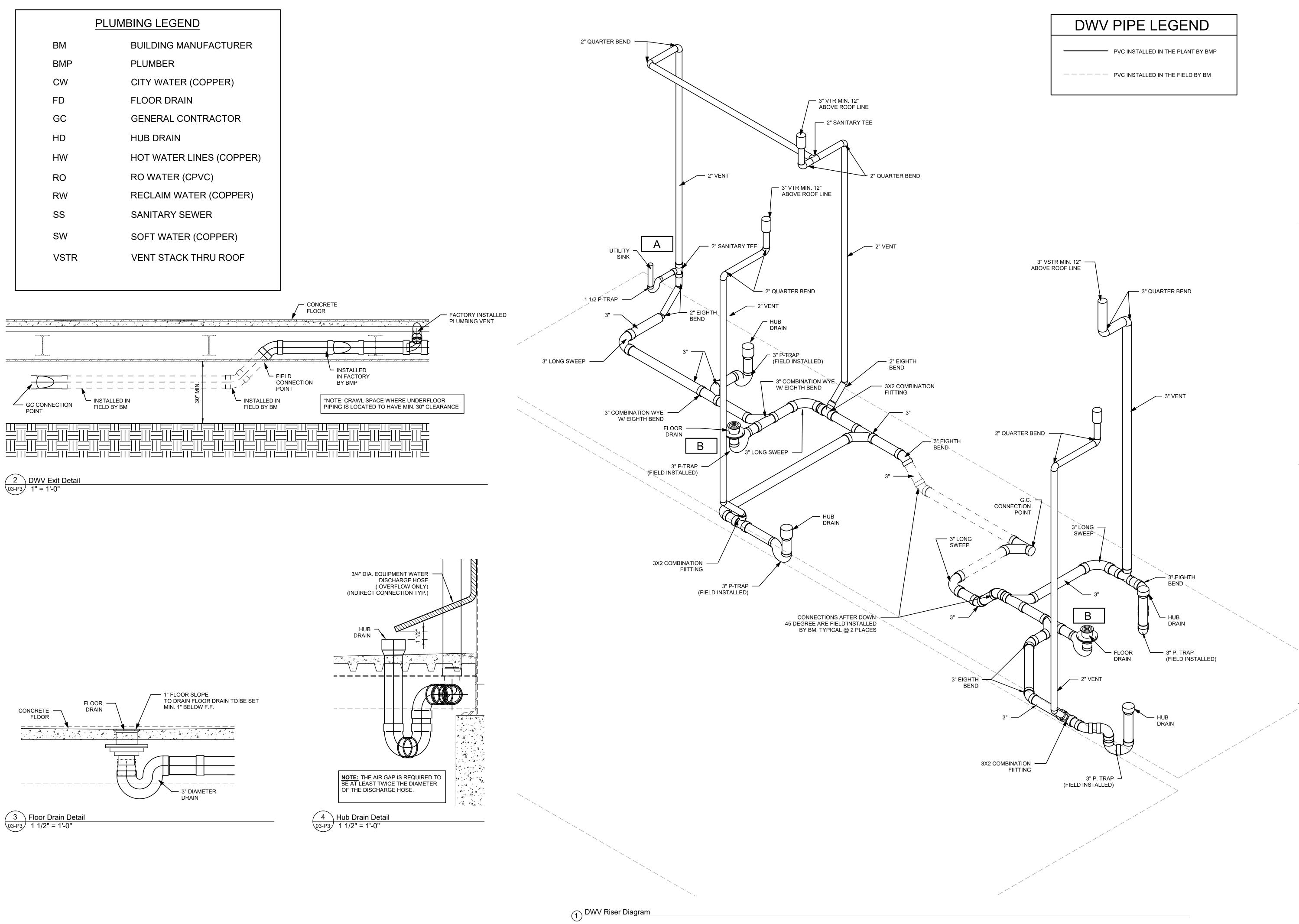
PROJECT NUMBER

20210019

SHEET TITLE

**PLUMBING** RISER & **DETAILS** 

SHEET NUMBER



GreenbergFarrow

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P-1359 01/25/2021

**PROFESSIONAL IN CHARGE** ROBERT B. SMITH, PE

PROJECT MANAGER
RW
QUALITY CONTROL

RW

DRAWN BY

PROJECT NAME

SHEETZ AUTOMATIC CARWASH

> CAMERON NC

SAWYER RD. & NC 24-87 CAMERON, NC 28326



1801 Rockdale Industrial Blvd. Conyers, Georgia 30012 Voice: (800) 366-6385 Fax: (770) 483-6037 FMS JOB NUMBER

FMS JOB NUMBER G20V36 FMS MODEL NUMBER XXXXXX

PROJECT NUMBER

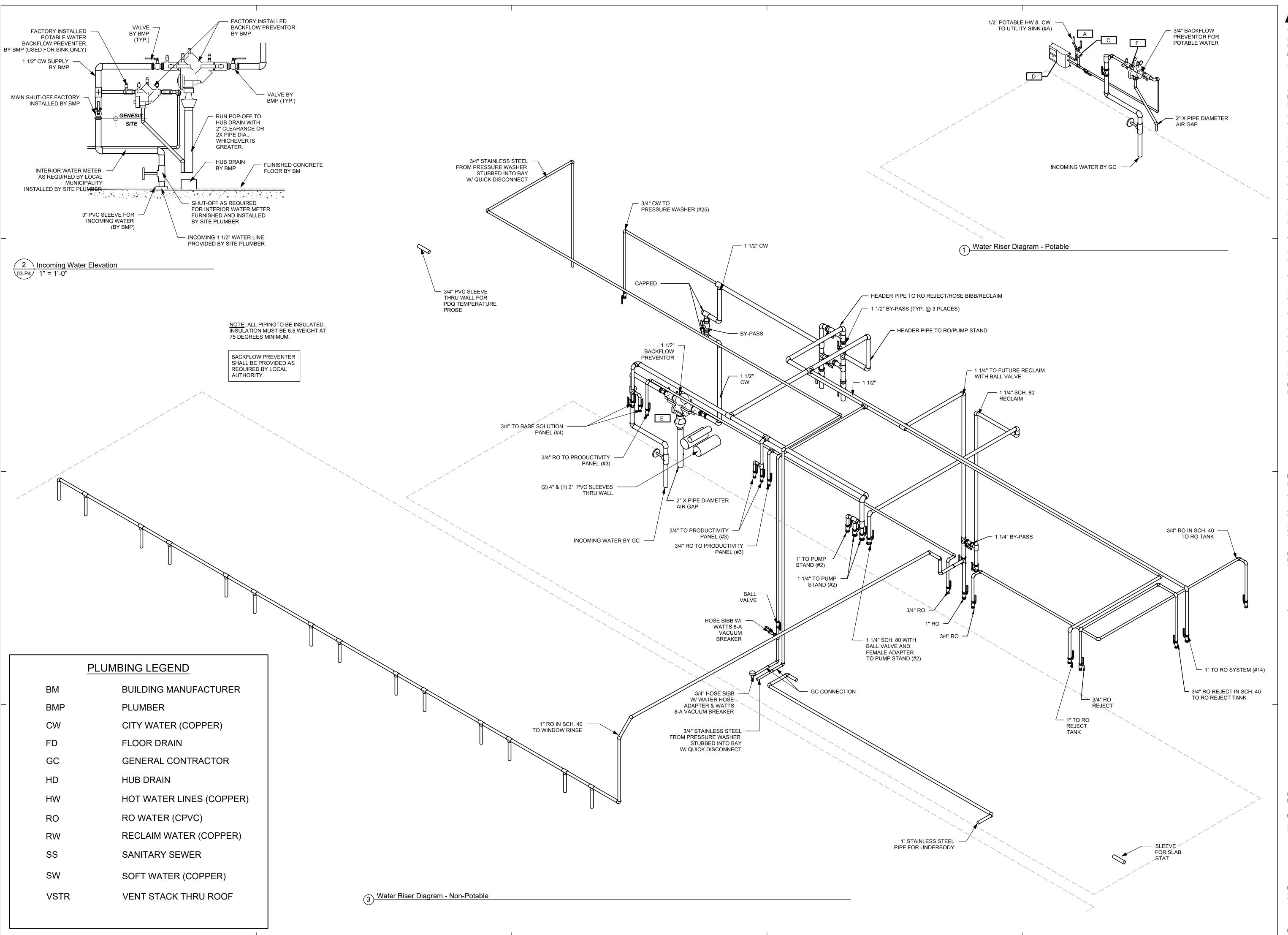
20210019

SHEET TITLE

PLUMBING RISER & DETAILS

SHEET NUMBER

**P3** 



GreenbergFarrou

1430 W. Peachtree St., Suite 200 Atlanta, GA 30309 t: 404 601 4000 f: 404 601 3980

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ISSUE/REVISION RECORD

DATE DESCRIPTION
01/25/21 PERMIT SET



PROFESSIONAL IN CHARGE

PROJECT MANAGER RW

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PROJECT NAME

SHEETZ AUTOMATIC CARWASH

CAMERON NC

SAWYER RD. & NC 24-87 CAMERON, NC 28326



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FMS JOB NUMBER
G20V36
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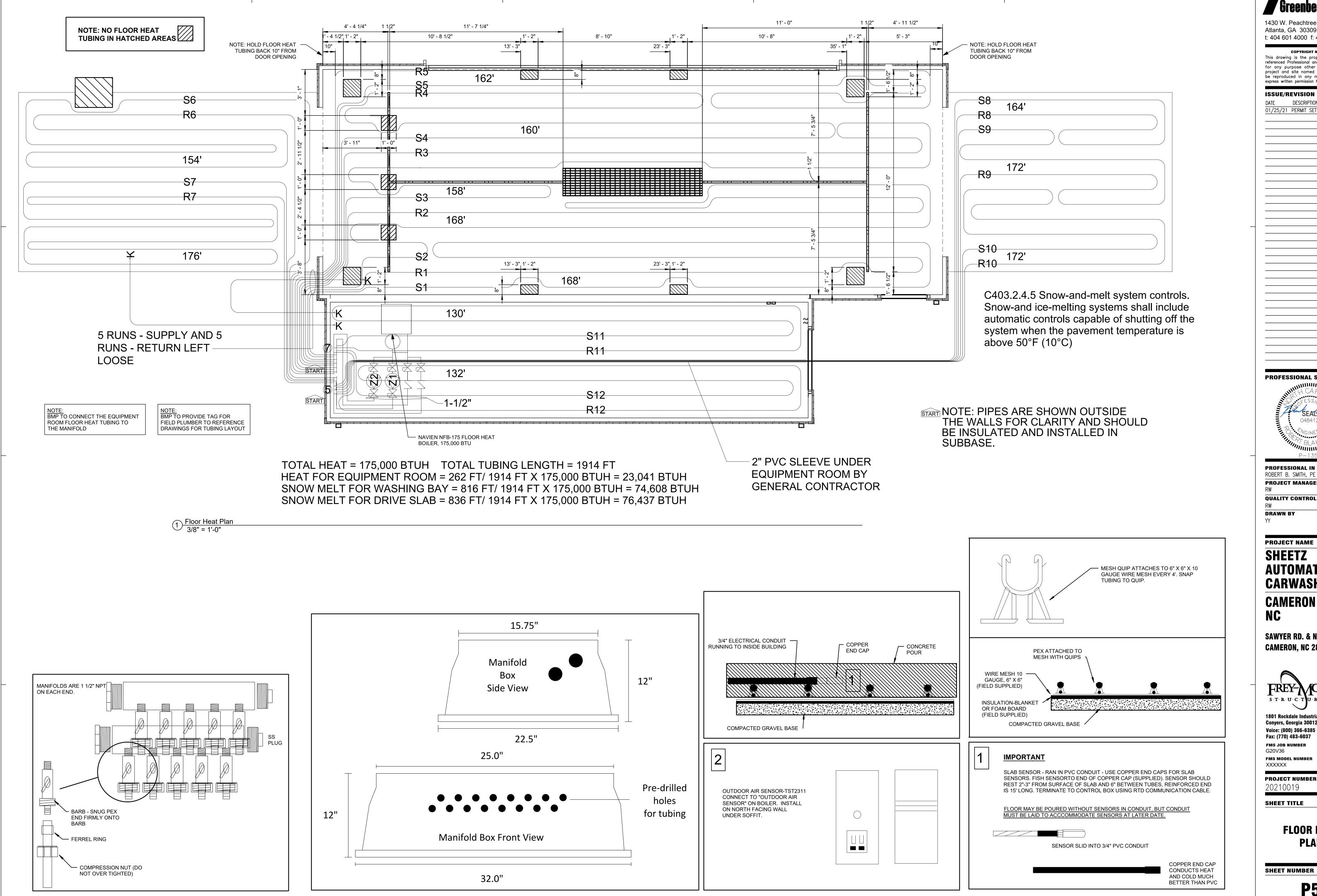
20210019

SHEET TITLE

PLUMBING RISER & DETAILS

SHEET NUMBER

**P4** 



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ISSUE/REVISION RECORD

DATE DESCRIPTION 01/25/21 PERMIT SET



PROFESSIONAL IN CHARGE

PROJECT MANAGER

**QUALITY CONTROL** 

**PROJECT NAME** 

SHEETZ **AUTOMATIC CARWASH** 

**CAMERON** 

SAWYER RD. & NC 24-87 CAMERON, NC 28326



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FMS JOB NUMBER FMS MODEL NUMBER

PROJECT NUMBER

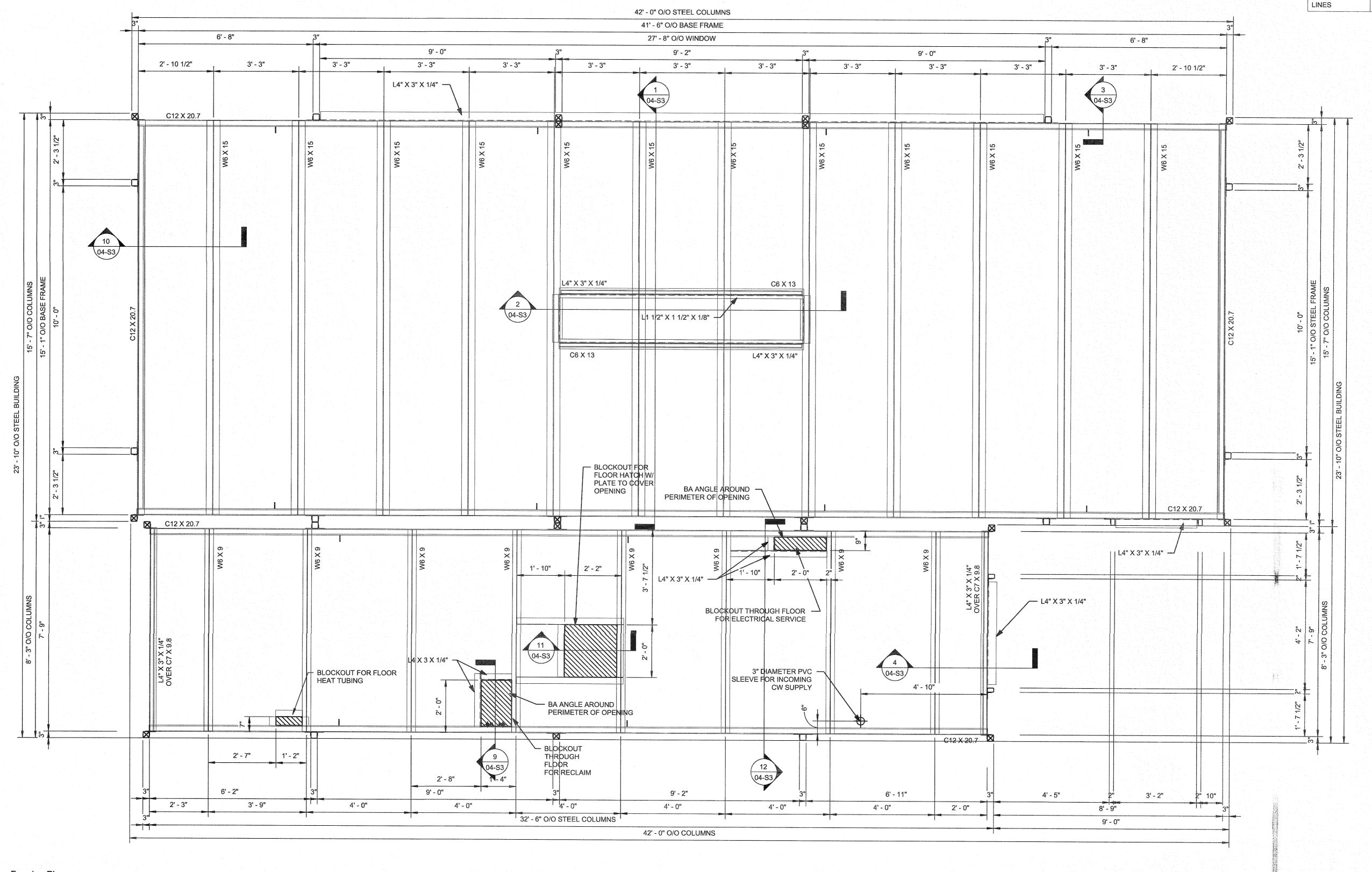
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**FLOOR HEAT PLAN** 

**P5** 

PLUMBING AND/OR ELECTRICAL HOLES(S) WILL NOT BE LOCATED ANY CLOSER THAN 6" FROM COLUMNS.

BEAM WEB PENETRATIONS MATERIAL ALLOWED HOLE SIZE +/- 1/2" 2" DIA. 3" DIA. 3" DIA. 4" DIA. 4" DIA. 5" DIA. 1/2" TO 1" EMT SLOT 4" X 2" MAX 1/2" TO 1 1/2" 1" TO 2" DIA. COPPER WATER



Floor Framing Plan
1/2" = 1'-0"

NOTE: ALL PULL DIMENSIONS ARE TAKEN FROM OUTSIDE OF THE STEEL BASE FRAME OF EACH MODULE.

DENOTES LIFTING COLUMN

DENOTES T.S. 3" X 3" X 3/16" COLUMN

DENOTES T.S. 3" X 2" X 14 GA COLUMN DENOTES BASE LIFTING POINT

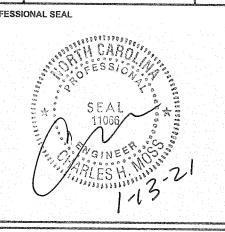
modular carwash building systems

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MODULAR CONSTRUCTION

Sheetz

42' Single Bay Car Wash SHEET TITLE

Floor Framing Plan

G20V36

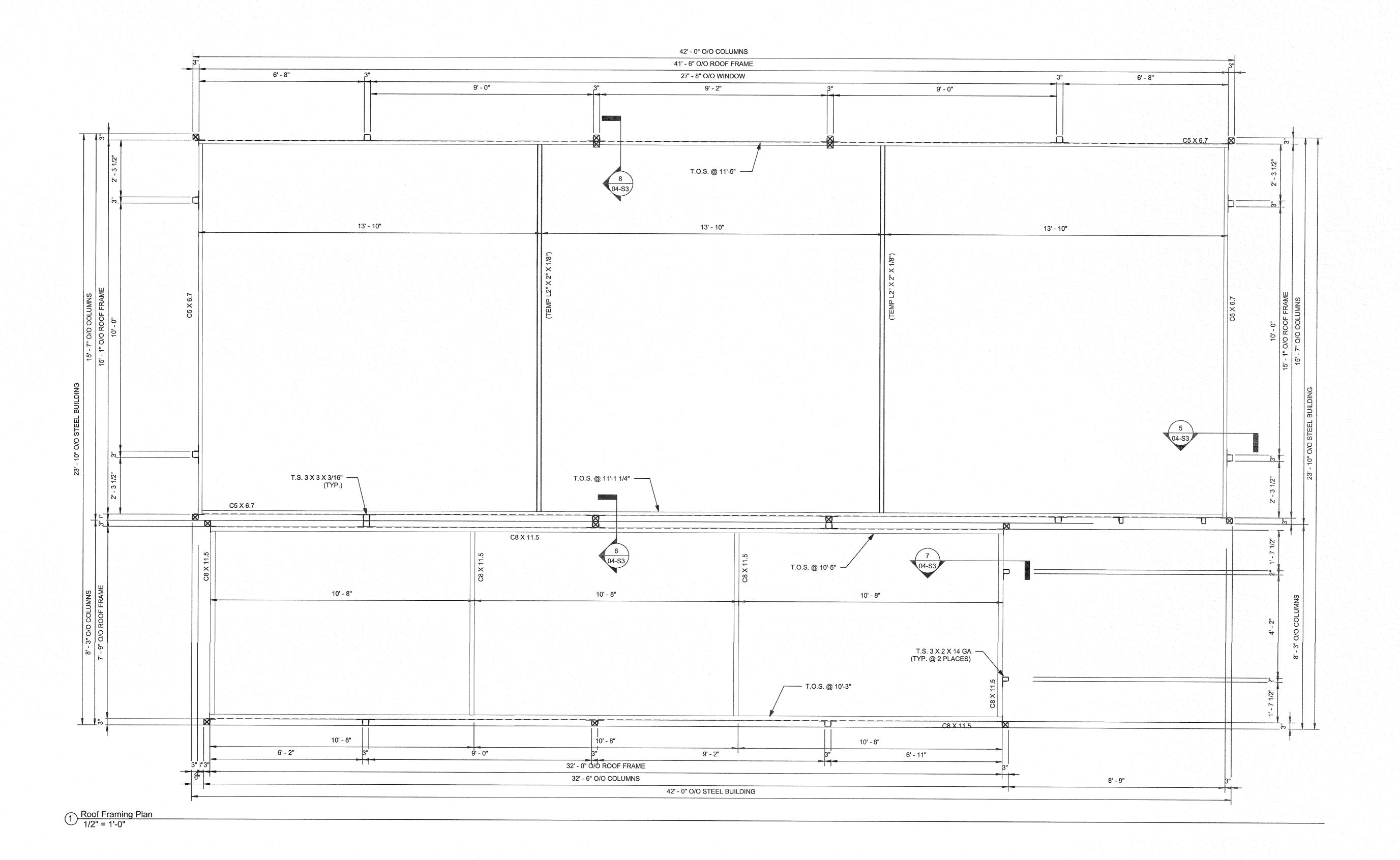
Sawyer Rd. & NC 24-87

GENESIS NO. PR1078 GBF PROJECT NO.

Cameron, NC

12/10/20 PROFESSIONAL IN CHARGE

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NOTE: ALL PULL DIMENSIONS ARE TAKEN FROM OUTSIDE OF THE STEEL BASE FRAME OF EACH MODULE.



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MODULAR	CONSTRUCTION

Sheetz

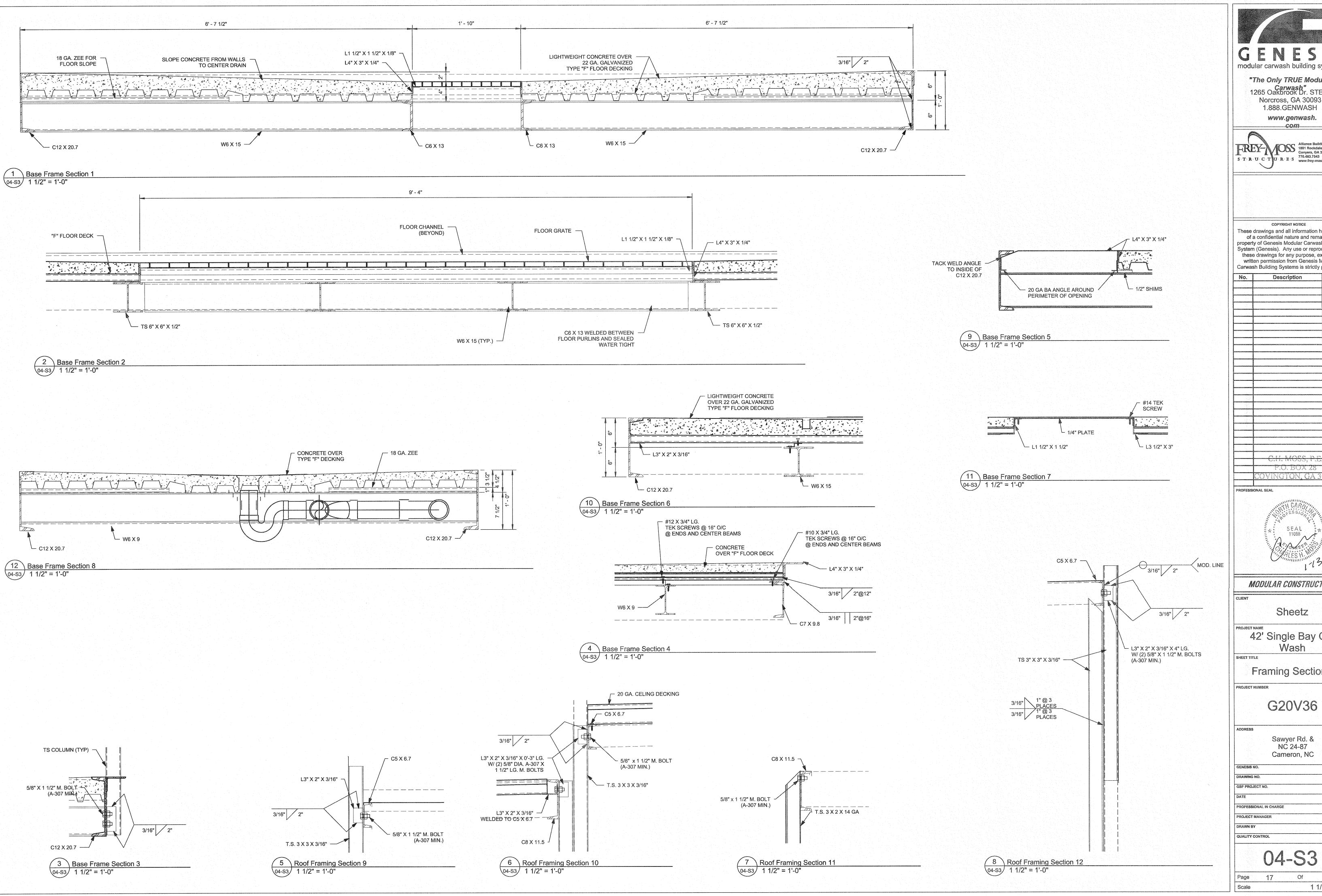
42' Single Bay Car Wash

Roof Framing Plan

G20V36

Sawyer Rd. & NC 24-87 Cameron, NC

GENESIS NO. PR1078 GBF PROJECT NO. 12/10/20 PROFESSIONAL IN CHARGE PROJECT MANAGER DRAWN BY TM QUALITY CONTROL

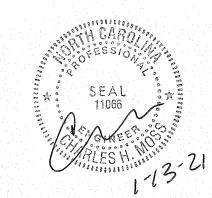


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Sheetz

42' Single Bay Car

Framing Sections

Sawyer Rd. & NC 24-87

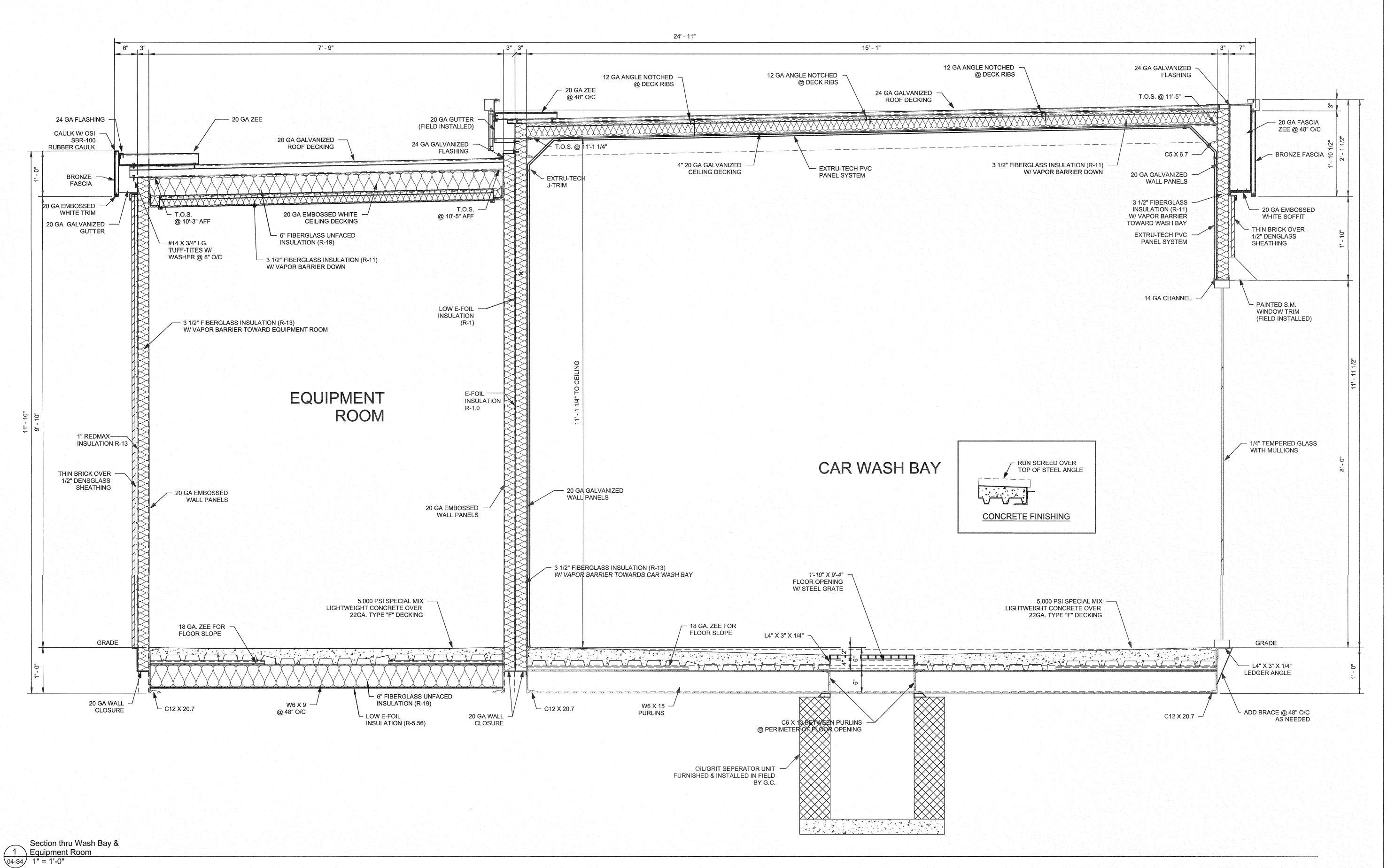
PR1078

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SM

1 1/2" = 1'-0"





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MODULAR CONSTRUCTION

Sheetz

NJECT NAME

42' Single Bay Car

Wash
sheet TITLE
Section

PROJECT NUMBER

G20V36

Sawyer Rd. & NC 24-87 Cameron, NC

GENESIS NO.

PR1078

DRAWING NO.

GBF PROJECT NO.

DATE

12/10/20

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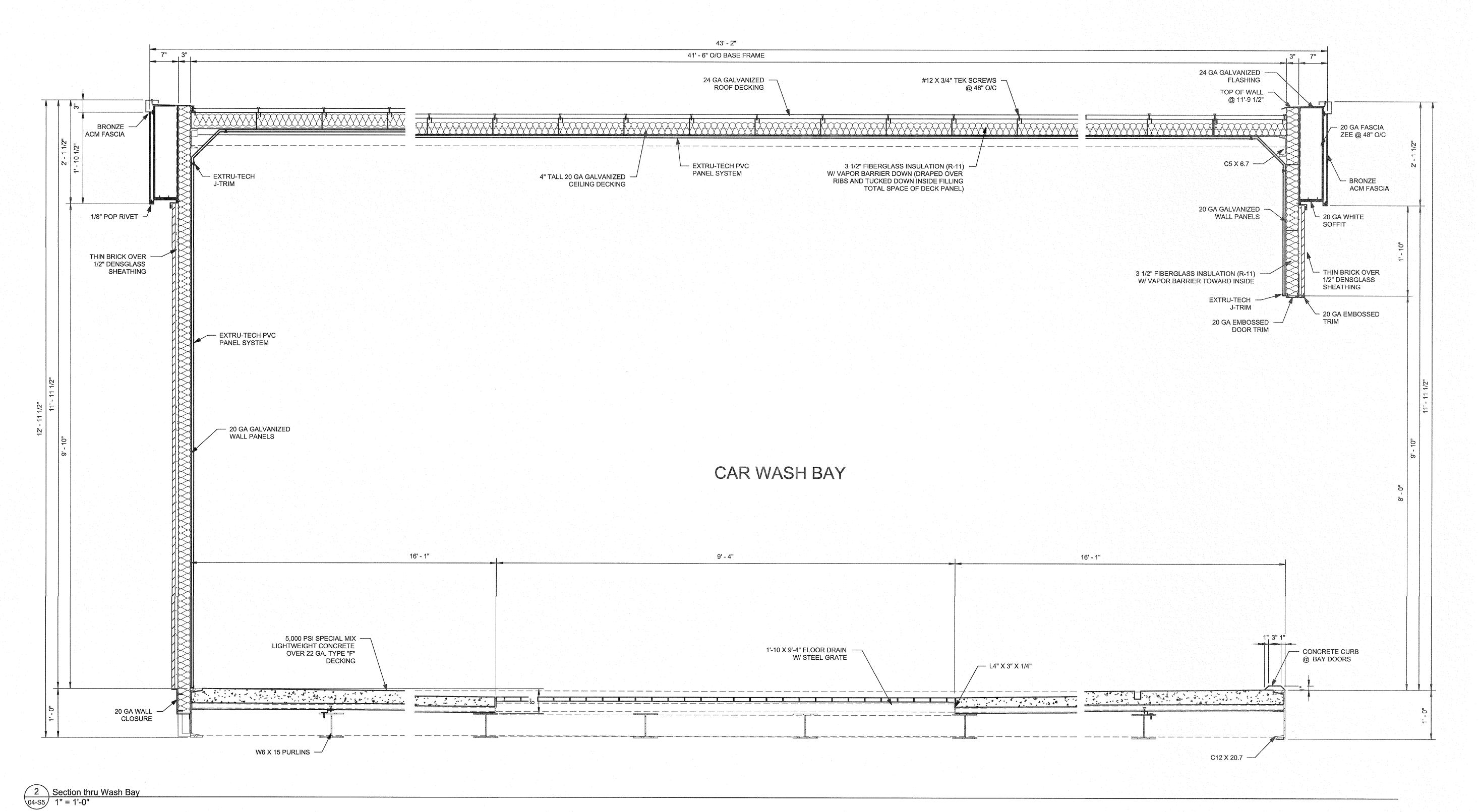
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PROJECT MANAGER

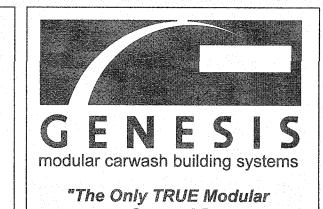
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Sheetz

42' Single Bay Car Wash

Section

G20V36

ADDRESS

SHEET TITLE

PROJECT NUMBER

Sawyer Rd. & NC 24-87 Cameron, NC

GENESIS NO. PR1078
DRAWING NO.
GBF PROJECT NO.

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PROFESSIONAL IN CHARGE
PROJECT MANAGER

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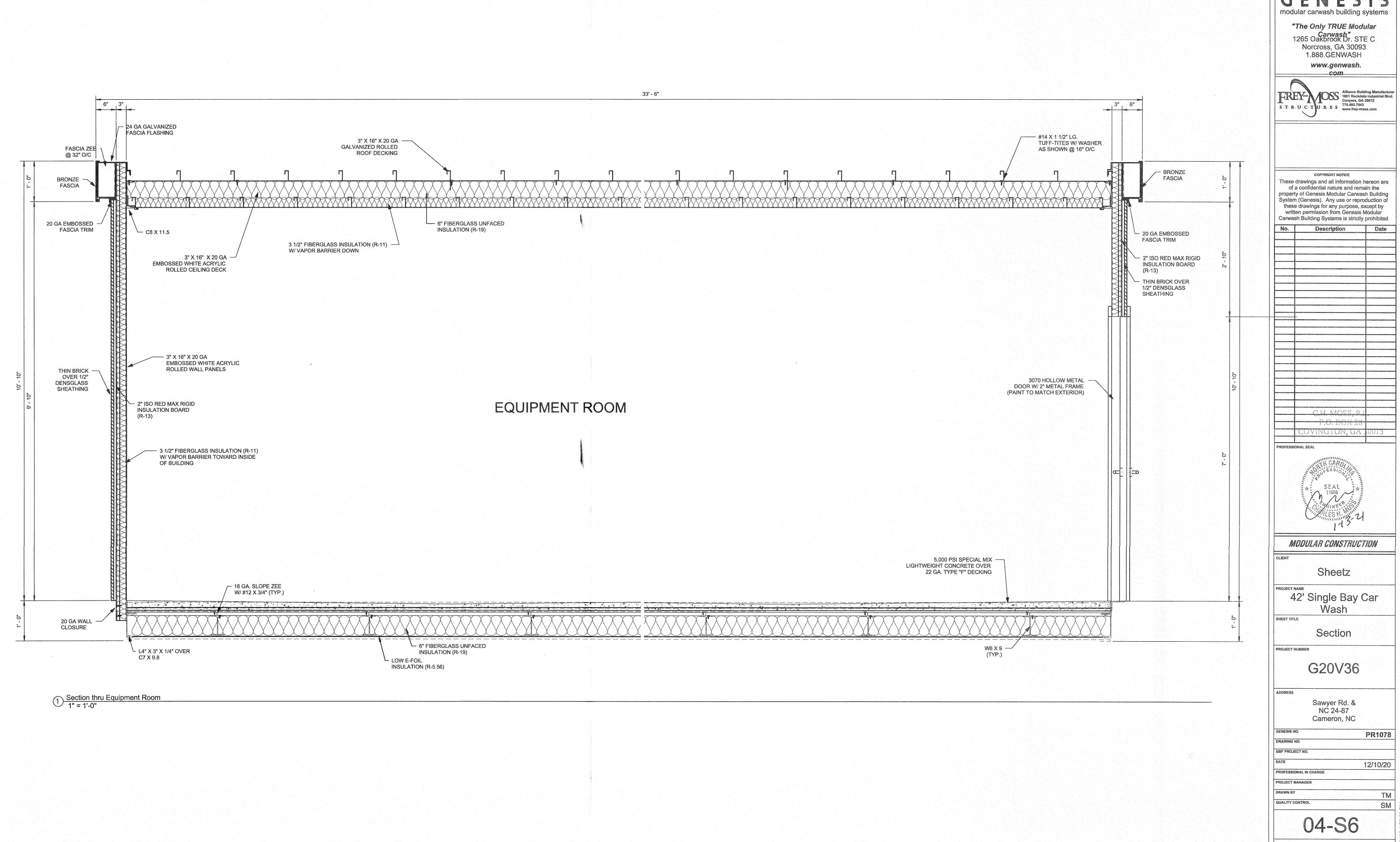
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Page 19 Of 22
Scale 1" = 1'-0"

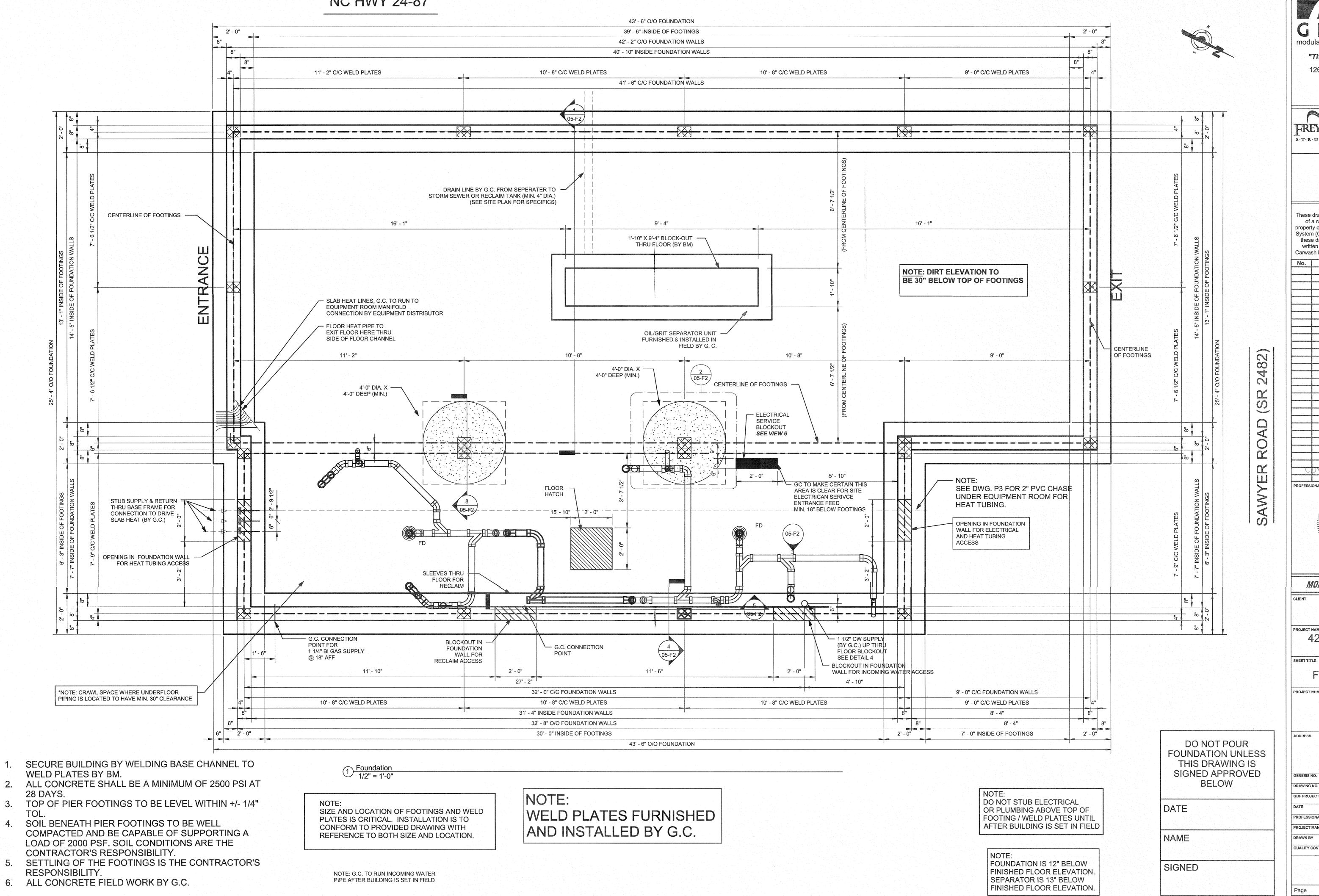




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1" = 1'-0"

# NC HWY 24-87



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MODULAR CONSTRUCTION

Sheetz

42' Single Bay Car Wash

Foundation Plan

PROJECT NUMBER

G20V36

Sawyer Rd. & NČ 24-87 Cameron, NC

GENESIS NO. PR1078 GBF PROJECT NO. 12/10/20

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