

06.19.2024

Project Narrative:

SAIA Motor Freight Lines Proposed Trucking Freight Facility:

SAIA Motor Freight Lines, LLC is proposing to construct a new freight facility on an undeveloped property located along E Pecos Road in the City of Mesa, Maricopa County, AZ.

The overall property parcel is 13.15 Acres.

The facility will include an LTL shipping terminal with Business office, and a separate Maintenance Shop with fueling capabilities, for truck maintenance.

The construction type will be Insulated Tilt-wall concrete panels, or Insulated Precast concrete panels, and a fully insulated TPO roofing system on metal deck.

The Facilities to be constructed are:

Business Office 5, 897 Sq.Ft.

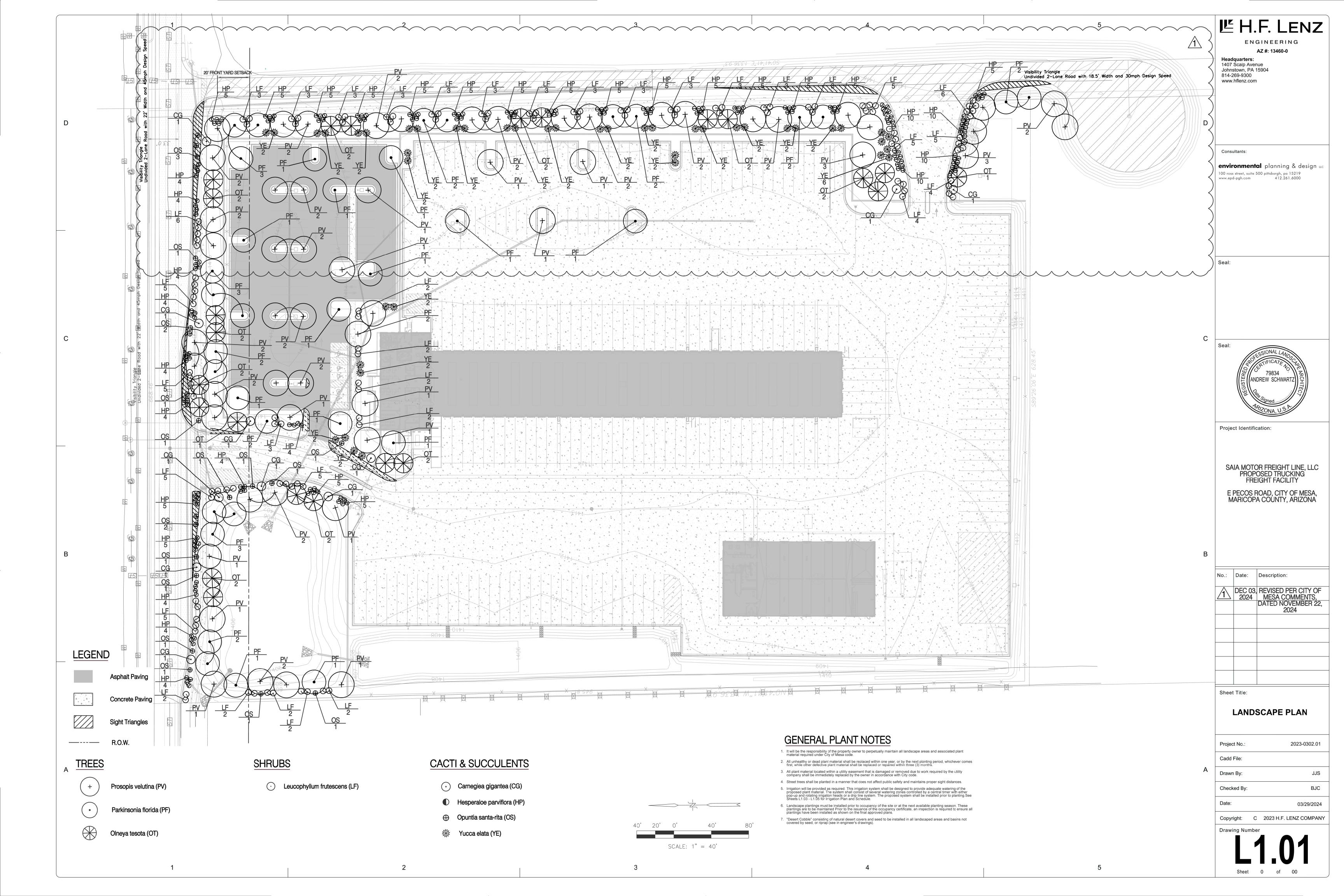
Shipping Dock 30,852 Sq.Ft.

Maintenance Shop 13,164 Sq.Ft.

Fuel Bays 1,902 Sq.Ft.

Total Building Square Footage 51, 815 Sq.Ft.

The project involves clearing and grubbing, site grading, building construction, construction of access drives and parking areas, installation of site utilities, stormwater detention and conveyance systems, and other miscellaneous site improvements.



PLANTING NOTES

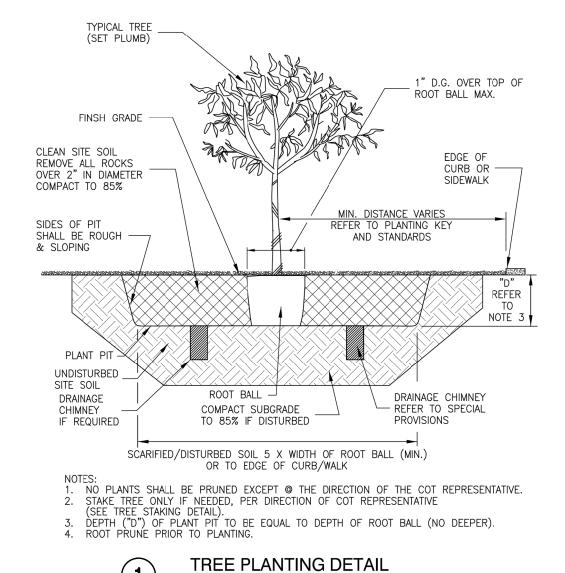
- 1. The Contractor must verify the location and depth of all existing and proposed underground utilities and facilities prior to beginning construction activities, as per Act 38, call 1-800-242-1776.
- 2. The Contractor shall stake out the location of all proposed plant material for review by the Owner's Representative prior to installation.
- 3. The Contractor shall not deviate from the proposed Plant Schedule without written approval by the Owner's Representative.
- 4. All plant material shall be in accordance with the American Standard for Nursery Stock, latest edition.
- 5. Substitutions: When plants of a specified type or size are not available within a reasonable distance, substitutions may be made upon request by the Contractor, if approved by the Owner's Representative. The Contractor shall notify the Owner's Representative in writing of any plant material which will not be available, prior to submitting a bid on this project. If a bid is received without such qualification, it will be assumed no such substitution will be proposed.
- 6. Plants with broken root balls or excessive damage to the crown will be replaced at no charge to the Owner prior to installation.
- 7. Trees in leaf when planted shall be treated with anti-desiccant such as Wiltproof (or an occupational equivalent approved by the Owner's Representative).
- 8. Preparation of planting soil: before mixing, clean topsoil of roots, vegetation, stones, clay lumps, and other extraneous materials harmful to plant growth. Planting soil for trees shall be amended as directed by the soil test results completed by the Contractor. Provide a copy of the soil test results to the Owner's Representative.
- 9. The Contractor is responsible for any adjustments to soil pH, fertility, and/or drainage conditions necessary to ensure proper growing conditions for proposed plantings. Proposed solution to be presented to and approved by the Owner's Representative prior to execution.
- 10. Field conditions may dictate minor adjustments to the location of plant material. Before adjustments of plant locations occur, the Contractor shall notify the Owner's Representative.
- 11. Contractor to give 48 hour notice to Owner's Representative before planting occurs, so Owner's Representative can approve layout of plants.
- 12. Quantities in Plant Schedule to overrider quantities shown on Site Landscape Plan.
- 13. Trees shall be installed no less than 3' from back of curb.

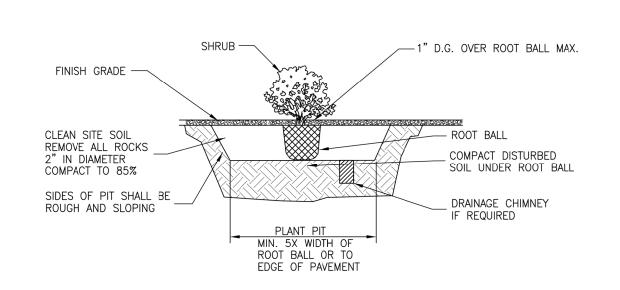
Planting Schedule

SAIA Mesa, Arizona

CODE	SCIENTIFIC NAME	COMMON NAME	SIZE	QUANTITY	SPACING
TREES	& SHRUBS				
PF	Parkinsonia florida	Blue Palo Verde	36-Inch Box	35	As shown
PV	Prosopis velutina	Velvet Mesquite	24-Inch Box	55	As shown
ОТ	Olneya tesota	Desert Ironwood	24-Inch Box	23	As shown
LF	Leucophyllum frutescens	Texas Sage	5 GAL	119	As shown

CACTI & SUCCULENTS						
CG	Carnegiea gigantea	Saguaro	15 GAL	11	As shown	
HP	Hesperaloe parviflora	Red Yucca	5 GAL / TOS	179	As shown	
OS	Opuntia santa-rita	Santa Rita Prickly Pear	5 GAL / TOS	20	As shown	
ΥE	Yucca elata	Soaptree yucca	5 GAL / TOS	44	As shown	

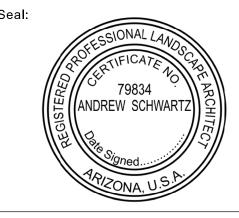




SHRUB PLANTING: 1 & 5 GALLON PLANTS

ĽH.F. LENZ ENGINEERING AZ #: 13460-0 **Headquarters:** 1407 Scalp Avenue Johnstown, PA 15904 814-269-9300 www.hflenz.com

environmental planning & design uc 100 ross street, suite 500 pittsburgh, pa 15219 www.epd-pgh.com 412.261.6000



Project Identification:

SAIA MOTOR FREIGHT LINE, LLC PROPOSED TRUCKING FREIGHT FACILITY E PECOS ROAD, CITY OF MESA, MARICOPA COUNTY, ARIZONA

No.:	Date:	Description:

Sheet Title: LANDSCAPE

DETAILS & NOTES

2022-0602.01 Project No.: Cadd File: Drawn By: JDS Checked By: 03/29/2024 Copyright: C 2023 H.F. LENZ COMPANY

CONSTRUCTION PLANS FOR TRUCKING FREIGHT FACILITY

10335 E. PECOS ROAD CITY OF MESA, MARICOPA COUNTY, AZ

INDEX OF SHEETS

SHEET NUMBER	SHEET TITLE
C0.00	COVER SHEET
C1.00	GENERAL INFORMATION SHEET
C2.00	EXISTING CONDITIONS PLAN
C3.00	SITE PLAN
⚠ C3.01	E PECOS ROAD STRIPING PLAN
C4.00	GRADING AND DRAINAGE PLAN
C5.00	SITE UTILITY PLAN
C6.00	RETENTION BASIN PLAN AND DETAILS
C7.00	SITE DETAILS
C7.01	SITE DETAILS
C7.02	SITE DETAILS
C7.03	SITE DETAILS
ES1.00	PREDEVELOPMENT EROSION AND SEDIMENTATION CONTROL PLAN
ES2.00	POSTDEVELOPMENT EROSION AND SEDIMENTATION CONTROL PLAN
ES3.00	EROSION AND SEDIMENTATION CONTROL NOTES
ES3.01	EROSION AND SEDIMENTATION CONTROL NOTES
ES3.02	EROSION AND SEDIMENTATION CONTROL DETAILS
ES3.03	EROSION AND SEDIMENTATION CONTROL DETAILS
ES3.04	EROSION AND SEDIMENTATION CONTROL DETAILS
L1.01	LANDSCAPE PLAN
L1.02	LANDSCAPE DETAILS & NOTES
L1.03	IRRIGATION PLAN
L1.04	IRRIGATION DETAILS
L1.05	IRRIGATION SCHEDULE & NOTES
ELECTRICAL PLANS	SHEET TITLE

SITE LIGHTING PLAN

SITE PHOTOMETRICS
SITE LIGHTING DETAILS

ROAD LIGHTING PLAN

ROAD PHOTOMETRICS SITE LIGHTING NOTES PREPARED FOR:

SAIA MOTOR FREIGHT LINE, LLC
11465 JOHNS CREEK PKWY, SUITE 400
JOHNS CREEK, GEORGIA 30097
WWW.SAIACORP.COM
TEL: (678) 543-3938

PREPARED BY:



ENGINEERING

34 35 SITE LOCATION

E PECOS RD

E GERMANN RD

E GERMANN RD

LOCATION MAP

LE H.F. LENZ

ENGINEERING
AZ #: 13460-0

Headquarters:
1407 Scalp Avenue
Johnstown, PA 15904
814-269-9300
www.hflenz.com

Seal:

Seal:

SAIA MOTOR

PROPOSED TRUCKING FREIGHT FACILITY

E PECOS ROAD, CITY OF MESA, MARICOPA COUNTY, ARIZONA

No.: Date: Description:

REVISED PER CITY OF MESA COMMENTS

Sheet Title: COVER SHEET

Project No.: 2023-0302.01

Cadd File: C0.00.dwg

Drawn By: JJS

Checked By: BJC

Date: 05/17/2024

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awing Number

Projects\2023\230300\23030

ES2.1

ES2.1A

ES2.2

ES2.2A

GENERAL NOTES:

- DO NOT SCALE DRAWINGS.
- NO SLAG SHALL BE PERMITTED.
- PROPOSED CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE STATE AND LOCAL STANDARDS, SPECIFICATIONS AND REQUIREMENTS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE.
- METHODS DURING INSTALLATION OF THE FACILITIES TO AVOID DAMAGE TO OR CONFLICT WITH EXISTING UTILITIES. THE CONTRACTOR SHALL PERFORM EXPLORATORY EXCAVATIONS AS DIRECTED AND/OR REQUIRED BY THE ENGINEER TO ASCERTAIN THE HORIZONTAL AND VERTICAL ALIGNMENT OF EXISTING UTILITIES PRIOR TO CONSTRUCTION IN AFFECTED AREAS AND MAKE THE APPROPRIATE ADJUSTMENTS IN THE FIELD IF CONFLICTS OCCUR, NO SEPARATE PAYMENT SHALL BE MADE FOR THE HEREIN DESCRIBED PROVISIONS AND SHALL BE INCLUDED IN THE COST OF THOSE ITEMS FOR WHICH PAYMENT SHALL BE MADE IN THE BID SCHEDULE.

THE CONTRACTOR SHALL EXERCISE CAUTION AND EMPLOY CAREFUL EXCAVATION

- CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL UTILITIES WITHIN THE IMMEDIATE WORK AREA DURING CONSTRUCTION WHEN WORK IS IN PROGRESS AT ALL TIMES.
- CONTRACTOR IS RESPONSIBLE TO STABILIZE AND MAINTAIN ALL UTILITY POLES WITHIN THE IMMEDIATE WORK AREA THAT MAY BE AFFECTED BY THE CONSTRUCTION OPERATIONS.
- PROVIDE, ERECT AND MAINTAIN BARRICADES, LIGHTING AND GUIDE RAILS AS REQUIRED BY APPLICABLE REGULATORY AGENCIES TO PROTECT THE PUBLIC AND WORKMAN.
- ALL DISTURBED AREAS EXCEEDING THE LIMITS OR WORK SHALL BE RESTORED TO EXISTING CONDITIONS AT THE FULL EXPENSE OF THE CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE OWNER.
- ALL CONCRETE WORK SHALL COMPLY WITH THE SPECIFICATIONS AND THE AMERICAN CONCRETE INSTITUTE'S "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", ACI 318-14 OR THE LATEST REVISION THERETO.
- ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT THE END OF 28 DAYS.
- ALL REINFORCEMENT STEEL TO BE GRADE 60 DEFORMED BARS.
- MINIMUM SPLICE FOR REINFORCEMENT STEEL IS 30 BAR DIAMETERS UNLESS OTHERWISE NOTED.
- C WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A-185 SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK NECESSARY TO ESTABLISH LINES, LOCATIONS, GRADES, DIMENSIONS AND ELEVATIONS OF THE WORK FROM EXISTING FACILITIES.
- THE CONTRACTOR SHALL EXCAVATE TO THE LINES AND GRADES AS SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL PERFORM ALL EXCAVATION OF EVERY DESCRIPTION AND OF WHATEVER SUBSTANCES ENCOUNTERED TO THE DEPTHS INDICATED. ALL EXCAVATED MATERIAL NOT REQUIRED OR UNSUITABLE FOR FILL SHALL BE REMOVED AND WASTED OFF SITE.
- UNLESS OTHERWISE INDICATED ON THESE DRAWINGS, REMOVE TREES, SHRUBS, GRASS AND OTHER VEGETATION INTERFERING WITH INSTALLATION OF NEW CONSTRUCTION. REMOVAL INCLUDES DIGGING OUT STUMPS AND ROOTS.
- DURING EXCAVATION EXTREME CARE SHOULD BE TAKEN BY THE CONTRACTOR TO AVOID UNNECESSARY CUTTING OF ROOTS. WHEN ROOTS ARE CUT THEY SHOULD BE PROPERLY DRESSED SO AS NOT TO KILL THE TREE.
- ALL TRENCH EXCAVATION SIDE WALL GREATER THAN 4 FEET IN DEPTH SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED BY MEANS OF THE SUFFICIENT STRENGTH TO PROTECT THE WORKMAN WITHIN THEM IN ACCORDANCE WITH APPLICABLE RULES AND REGULATIONS ESTABLISHED FOR CONSTRUCTION BY THE DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), AND BY LOCAL ORDINANCES. LATERAL TRAVEL DISTANCES TO AN EXIT LADDER OR STEPS SHALL NOT BE GREATER THAN 25 FEET IN TRENCHES 4 FEET OR DEEPER.

CONSTRUCTION NOTES:

• COMPLY WITH ALL PROVISIONS AND REQUIREMENTS OF MESA BUILDING CODE (MBC) CHAPTER 33 — SAFEGUARDS DURING CONSTRUCTION, MESA FIRE CODE (MFC) CHAPTER 33 — FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION, AND NFPA 241 FOR ITEMS NOT SPECIFICALLY ADDRESSED BY MFC CHAPTER 33.

- FIRE APPARATUS ACCESS ROADS ARE ESSENTIAL DURING CONSTRUCTION TO ALLOW EMERGENCY RESPONSE TO THE SITE FOR BOTH FIRE AND MEDICAL EMERGENCIES. ACCESS ROADS SHALL BE IN PLACE PRIOR TO THE START OF VERTICAL CONSTRUCTION. IT IS IMPORTANT TO DEVELOP ACCESS ROADS AT AN EARLY STAGE OF CONSTRUCTION TO ALLOW FOR FIRE DEPARTMENT ACCESS TO THE SITE IN THE CASE OF FIRE OR INJURY.
- REQUIRED FIRE APPARATUS ACCESS ROAD DURING CONSTRUCTION OR DEMOLITION SHALL COMPLY WITH MESA FIRE AND MEDICAL DEPARTMENT STANDARD DETAIL FPD 3310.1. THE ACCESS ROAD SHALL BE A MINIMUM OF 20 FEET WIDE OF ALL—WEATHER DRIVING SURFACE, GRADED TO DRAIN STANDING WATER AND ENGINEERED TO BEAR THE IMPOSED LOADS OF FIRE APPARATUS (78,000 lbs. / 24,000 lbs. FRONT AXLE, 54,000 lbs. REAR AXLE) WHEN ROADS ARE WET.
- THE ACCESS ROAD SHALL EXTEND TO WITHIN 200 FEET OF ANY COMBUSTIBLE MATERIALS AND/OR ANY LOCATION ON THE JOBSITE WHERE ANY PERSON(S) SHALL BE WORKING FOR A MINIMUM OF FOUR (4) CONTINUOUS HOURS IN ANY DAY. A CLEARLY VISIBLE SIGN MARKED FIRE DEPARTMENT ACCESS, IN RED LETTERS, SHALL BE PROVIDED AT THE ENTRY TO THE ACCESS ROAD.
- ALL OPEN TRENCHES SHALL HAVE STEEL PLATES CAPABLE OF MAINTAINING THE ACCESS ROAD DESIGN WHEN THESE TRENCHES CROSS AN ACCESS ROAD.
- THESE ACCESS ROADS MAY BE TEMPORARILY OR PERMANENT. THIS POLICY APPLIES ONLY DURING CONSTRUCTION AND/OR DEMOLITION. PERMANENT ACCESS PER THE MFC SHALL BE IN PLACE PRIOR TO ANY FINAL INSPECTION OR CERTIFICATE OF OCCUPANCY.
- WATER SUPPLY FOR FIRE PROTECTION. AN APPROVED WATER SUPPLY FOR CONSTRUCTION SITE SHALL MEET THE REQUIREMENTS OF MFC APPENDIX CHAPTERS B AND C. THE MINIMUM FIRE FLOW REQUIREMENT WHEN CONTRACTOR OR DEVELOPER BRINGS COMBUSTIBLE MATERIALS ON SITE IS 1,500 GPM AT 20 PSI. AT LEAST ONE FIRE HYDRANT SHALL BE WITHIN 500 FEET OF ANY COMBUSTIBLE MATERIAL AND CAPABLE OF DELIVERING THE MINIMUM FIRE FLOW REQUIREMENT. THIS HYDRANT OR HYDRANTS MAY BE EITHER TEMPORARY OR PERMANENT AS THE PROJECT SCHEDULE PERMITS.
- IN ADDITION, THERE ARE TIMES WHEN HYDRANTS AND VALVES MUST BE CLOSED TEMPORARILY FOR REPAIR WORK OR CONSTRUCTION OF THE WATER SYSTEM. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE WATER SUPPLY IS ALWAYS AVAILABLE. WHEN THE WORK IS COMPLETE, DEVELOPER/CONTRACTOR SHALL MAKE SURE THAT THE FIRE HYDRANTS ARE ACTIVE, AND THE VALVES ARE

WATER, WASTEWATER AND STORM DRAIN GENERAL NOTES:

- 1. MATERIALS AND INSTALLATION OF WATER AND SEWER MAINS, WATER METERS AND SERVICE LINE CONNECTIONS SHALL CONFORM TO CURRENT CITY DETAILS, MESA AMENDMENTS TO MAG SPECIFICATIONS, AND THE APPROVED PRODUCTS LIST. SEE BELOW FOR APPROVED PRODUCT LISTS FOR WATER AND WASTEWATER
- HTTPS: //WWW.MESAAZ.GOV/BUSINESS/ENGINEERING/MESA-STANDARD-DETAILS-SPECIFICATIONS
- 2. IN ACCORDANCE WITH ARIZONA ADMINISTRATIVE CODE (A.A.C.) R18-4-213, ALL MATERIALS WHICH MAY COME INTO CONTACT WITH DRINKING WATER SHALL CONFORM TO NATIONAL SANITATION FOUNDATION (NSF) STANDARDS 60, 61, AND 372 AND SHALL BE LEAD-FREE AS DEFINED IN A.A.C. R18-5-504 AND R18-4-101.
- 3. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY FITTINGS AND ADAPTERS REQUIRED TO CONNECT DIFFERENT TYPES OF WATER MAIN MATERIALS.
- 4. PER MESA AMENDMENTS 610.4.2 ALL MINOR VERTICAL OR HORIZONTAL DEFLECTIONS SHALL BE BY PIPE JOINT DEFLECTION UNLESS OTHERWISE NOTED. PIPE JOINT DEFLECTION SHALL NOT EXCEED 3 DEGREES OR 3 OF PIPE MANUFACTURER'S RECOMMENDATIONS WHICHEVER IS LESS.
- 5. PER MAG AND MESA AMENDMENTS 610.11 ALL WATER LINE TESTS SHALL BE COMPLETED SO THAT NO EXISTING LINES, EXISTING VALVES, OR NEWLY INSTALLED VALVES WHICH ARE CONNECTED TO THE OPERATING WATER SYSTEM ARE INCLUDED IN THE TESTS. ALLOWABLE TIMEFRAMES SHOULD FOLLOW MESA AMENDMENTS TO MAG AND MUST BE COORDINATED WITH THE CITY INSPECTOR. FOR A DAYTIME TIE—IN, THE CONTRACTOR SHALL COMPLETE ALL WORK NECESSARY TO RESTORE UTILITY SERVICE AND FULLY OPEN THE TIE—IN AREA TO TRAFFIC WITHIN THE TIME ALLOWED.
- 6. WATER LINE FLUSHING, PRESSURE TESTING, AND DISINFECTION SHALL BE COMPLETED PER MAG SPECIFICATION SECTION 611, MESA AMENDMENTS TO MAG SPECIFICATION SECTION 611, AND AWWA C651 (CURRENT VERSION).
- 7. SOURCE WATER UTILIZED FOR FILLING, FLUSHING AND TESTING SHALL BE OBTAINED FROM A HYDRANT METER ORDERED THROUGH PERMIT SERVICES AND SET BY CITY OF MESA WATER RESOURCES STAFF. IT IS PROHIBITED TO OPEN A VALVE TO THE EXISTING WATER SYSTEM TO FILL A NEWLY CONSTRUCTED OR REPAIRED PIPELINE AS OUTLINED IN THE MESA AMENDMENTS TO MAG SECTION 610.11 AND 611.
- 8. WATER METERS, METER BOXES, LIDS, ETC. IN CONFLICT WITH NEW CONSTRUCTION SHALL BE RELOCATED PER CITY OF MESA STANDARD DETAIL M-49 BY THE CONTRACTOR. THE RELOCATION SHALL INCLUDE ALL MATERIALS NECESSARY TO RECONNECT THE METER TO THE CITY DISTRIBUTION SYSTEM. SERVICE LINE EXTENSIONS, IF APPROVED IN WRITING BY MESA WATER RESOURCES DEPARTMENT, SHALL CONFORM TO MESA STANDARD DETAIL M-49. WHEN SERVICE LINE EXTENSIONS ARE APPROVED PER MESA STANDARD DETAIL M-49, SERVICE LINE COUPLINGS SHALL NOT BE PLACED UNDER ROADWAY SURFACES, CONCRETE GUTTERS, CURB AND GUTTER, OR CONCRETE DRIVEWAYS.
- 9. VALVES SHALL BE INSTALLED WITH VALVE BOX AND COVER PER MAG STD DETAILS 391-1, TYPE C WITH A DEEP-SKIRTED LID (4-INCHES MINIMUM) AS NOTED IN THE APPROVED PRODUCTS LIST.
- 10. ALL WATER LINE ABANDONMENT CUT AND PLUGS FOR ACTIVE LINES SHALL CONFORM TO THE FOLLOWING: 10.1. 12" AND SMALLER DIAMETER PER MESA STANDARD DETAIL M-50
- 10.2. 16" DIAMETER PER M.A.G. STANDARD DETAIL 390, TYPE B 10.3. GREATER THAN 16" DIAMETER, AS DESIGNED PER PLAN
- 11. LIME-TREATED AGGREGATE BASE COURSE (ABC) MATERIAL, RECLAIMED CONCRETE MATERIAL (RCM), AND RECLAIMED ASPHALT PAVEMENT (RAP) MATERIALS ARE PROHIBITED FOR USE IN THE PIPE EMBEDMENT ZONE (BEDDING, HAUNCHING, INITIAL BACKFILL) FOR WATERLINE CONSTRUCTION PER MESA AMENDMENTS
- 601.4.2.

 12. PER MESA AMENDMENTS 610.11, APPLICATIONS TO THE CITY OF MESA ENGINEERING INSPECTOR AND REVIEWED AND APPROVED BY THE WATER RESOURCES DEPARTMENT FOR WATER SYSTEM SHUTDOWN FOR THE PURPOSES OF CONSTRUCTION—RELATED ACTIVITIES SHALL BE MADE A MINIMUM OF FIVE (5) BUSINESS DAYS PRIOR TO THE SCHEDULED SHUTDOWN DATE. THE REQUEST SHALL INCLUDE PRIMARY AND SECONDARY VALVE NUMBERS, WHETHER A TEST SHUTDOWN IS REQUESTED, AND THE DATE AND DURATION OF THE REQUESTED SHUTDOWN. PER MAG 610.11, THE CITY OF MESA DOES NOT GUARANTEE A COMPLETE
- SHUTDOWN.

 13. REQUIRED BACKFLOW PREVENTION ASSEMBLIES SHALL INCLUDE MANUFACTURERS AND MODELS DESIGNATED IN THE CURRENT "LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES" AS PUBLISHED BY THE FOUNDATION FOR CROSS—CONNECTION CONTROL AND HYDRAULIC RESEARCH, UNIVERSITY OF SOUTHERN CALIFORNIA.
- 14. BACKFLOW PREVENTION ASSEMBLIES SHALL BE TESTED AND APPROVED BY A CERTIFIED TECHNICIAN DESIGNATED IN THE CURRENT CITY OF MESA "LIST OF APPROVED INSPECTORS" PRIOR TO THE REQUEST FOR FINAL INSPECTION.
- 15. ALL WATER METERS ARE TO BE SUPPLIED BY THE CITY OF MESA. CHARGES FOR INSTALLING NEW SERVICES AND METERS WILL BE IN ACCORDANCE WITH THE CURRENT UTILITY SERVICE FEE SCHEDULE. METERS TWO INCHES OR LESS WILL BE DELIVERED AND INSTALLED BY CITY FORCES. METERS LARGER THAN TWO INCHES WILL BE DELIVERED BY THE CITY AND INSTALLED BY THE CONTRACTOR AND REQUIRE SCHEDULING AND INSPECTIONS WITH CITY FORCES. CONTACT THE DEVELOPMENT SERVICES DEPARTMENT AT 480-644-4273 FOR THE SPECIFIC PROCEDURE. SEE M-27.01 FOR MORE INFORMATION.
- 16. FOR PROJECTS INVOLVING PUBLIC WATER MAINS WITH DIAMETERS 20" AND LARGER, THE FOLLOWING SHALL APPLY:
- 16.1. PROCUREMENT OF PIPES AND APPURTENANCES SHALL NOT COMMENCE UNTIL SHOP DRAWINGS AND PRODUCT DATA SUBMITTALS HAVE BEEN REVIEWED AND ACCEPTED IN WRITING BY THE CITY OF MESA WATER RESOURCES DEPARTMENT.
- 16.2. SUBMITTALS AND SHOP DRAWINGS SHALL INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING: 16.2.1. PIPE AND FITTINGS
- 16.2.2. PIPE APPURTENANCES (ISOLATION VALVES, AIR RELEASE VALVES, HYDRANTS, ETC)
- 16.2.3. CORROSION MONITORING AND PROTECTION SYSTEMS (WHERE APPLICABLE)
 16.2.4. FABRICATION/LAY DRAWINGS (FOR C200 STEEL OR C303 CONCRETE CYLINDER PIPE)
- 16.2.5. VALID WELDER'S CERTIFICATIONS (FOR C200 OR C303 CONCRETE CYLINDER PIPE)
 16.3. ALL FIELD WELDS SHALL BE MADE AVAILABLE FOR INSPECTION BY THE CITY OR THE CITY'S
- REPRESENTATIVE PRIOR TO GROUTING.

 16.4. ADDITIONAL REQUIREMENTS FOR C200 STEEL AND C303 CONCRETE CYLINDER PIPE WITH DIAMETERS 30"
- AND LARGER ARE AS FOLLOWS:

 16.4.1. EACH PIPE SECTION SHALL BE MADE AVAILABLE FOR VISUAL AND SOUNDING INSPECTIONS BY CITY STAFF OR THE CITY'S REPRESENTATIVE PRIOR TO INSTALLATION. PIPES FAILING INSPECTIONS SHALL
- STAFF OR THE CITY'S REPRESENTATIVE PRIOR TO INSTALLATION. PIPES FAILING INSPECTIONS SHALL BE REPAIRED OR REPLACED AS DETERMINED BY THE CITY.

 16.4.2. INSTALLED PIPE SHALL BE MADE AVAILABLE FOR INTERNAL VISUAL AND SOUNDING INSPECTIONS BY
- CITY STAFF OR THE CITY'S REPRESENTATIVE PRIOR TO FILLING. PIPES FAILING INSPECTIONS SHALL BE REPAIRED OR REPLACED AS DETERMINED BY THE CITY.
- 17. WHEN GROUTING OR CASTING CONCRETE AROUND PVC SEWER PIPE, SUCH AS AT MANHOLE OR VAULT PENETRATIONS, THE CONTRACTOR SHALL INSTALL WATER STOPS PER MESA AMENDMENTS TO MAG SPECIFICATION 625 AND MANUFACTURERS RECOMMENDATIONS.
- 18. SEWER BUILDING CONNECTION LATERALS SHALL BE INSTALLED PER MAG STANDARD DETAIL 440. LATERAL WYES SHALL BE INSTALLED AT NO GREATER THAN A 45 ANGLE FROM HORIZONTAL. SEWER LATERAL SLOPES SHALL BE AS INDICATED ON MAG STANDARD DETAIL 440 AND IN NO CIRCUMSTANCE SHALL SEWER LATERAL SLOPES EXCEED % PER FOOT FOR 6" LATERALS AND 1-1/2" PER FOOT FOR 4" LATERALS. FITTINGS SHALL BE INSTALLED WITH NO ANGULAR JOINT DEFLECTION AND ALL CONNECTIONS SHALL BE GASKETED OR SEALED PER MAG SPECIFICATIONS.
- 19. SEWER MANHOLE BASES, BENCHES, SHELVES, AND CHANNELS SHALL BE CONSTRUCTED PER MAG STANDARD DETAIL 420. EACH INLET PIPE SHALL HAVE A DESIGNATED, FORMED CHANNEL AND BENCHING. THE DIMENSIONS OF CHANNELS, SHELF SLOPE, AND MINIMUM INLET PIPE ANGLES SHALL BE CONSTRUCTED PER MAG STANDARD DETAIL 420–3.
- 20. PER MESA DESIGN STANDARDS, SEWER MANHOLES SHALL BE CONSTRUCTED PER MAG STANDARD DETAILS 420-1, TYPE "A" TOP; AND 423-2 EXCEPT THAT:
- 20.1. MANHOLE SHAFT DIAMETERS SHALL BE 5 FEET 20.2. MANHOLE RINGS AND COVERS SHALL HAVE 30-INCH DIAMETERS
- 20.2. MANHOLE RINGS AND COVERS SHALL 20.3. STEPS SHALL NOT BE INCLUDED

EDGE OF THE DISCONTINUOUS JOINT.

CONCRETE PAVEMENT NOTES:

GENERAL CONTRACTOR TO SUBMIT PLAN OF CONCRETE PAVEMENT CRACK CONTROL JOINT LOCATIONS TO ENGINEER FOR APPROVAL. LOCATIONS OF JOINTS TO BE IN ACCORDANCE WITH THE FOLLOWING GUIDELINES:

- CONCRETE PAVEMENT CRACK CONTROL JOINT SPACING GUIDELINES:
- AREA BOUND BY CRACK CONTROL JOINTS NOT TO EXCEED 625 SQUARE FEET.
 DISTANCE BETWEEN JOINTS NOT TO EXCEED 25 FEET.
- 3. LENGTH TO WIDTH RATIO NOT TO EXCEED 1:1.25 (I.E. 25X20)
- 4. CONSTRUCTION JOINTS ARE CONSIDERED CONTRACTION JOINTS.
 5. AT LOCATIONS WHERE JOINT IS DISCONTINUOUS INTO ADJOINING PANEL, PLACE TWO (2) NO. 4 BARS AT MID—DEPTH OF OPPOSING PANEL, PARALLEL TO THE
- FOR INTERSECTIONS AND AREAS CONSTRUCTED ON A RADIUS, REFER TO DETAILS.

SYMBOL AND ABBREVIATION SCHEDULE

AC	ACRE	EXP	EXPANSION	REINF	REINFORCEMENT	
AC	AIR CONDITIONER	EX	EXISTING	RCP	REINFORCED CONCRETE PIPE	
ADOT	ARIZONA DEPARTMENT OF	FFE	FINISH FLOOR ELEVATION	R/W	RIGHT-OF-WAY	
	TRANSPORTATION	FH	FIRE HYDRANT	SCH	SCHEDULE	
AASHTO	AMERICAN ASSOCIATION OF STATE	GM	GAS METER	SEC	SECTION	
	HIGHWAYS AND TRANSPORTATION	GV	GAS VALVE	SEG	SEGMENT	
	OFFICIALS	HP	HIGH POINT	SLCPP	SMOOTH LINED CORRUGATED PLASTIC PIPE	
ACI	AMERICAN CONCRETE TRANSPORTATION	HORIZ	HORIZONTAL	STA	STATION	С
	OFFICIALS	INC	INCORPORATED	SR	STATE ROUTE	
ASTM	AMERICAN SOCIETY FOR TESTING AND	INV	INVERT	ST	STREET	
	MATERIALS	LP	LIGHT POLE	SRL	SKID RESISTANCE LEVEL	
0	AT	МН	MANHOLE	S	SOUTH	
₽	BASELINE	MAX	MAXIMUM	SF	SQUARE FEET	
ВС	BOTTOM OF CURB	MIN	MINIMUM	SY	SQUARE YARD	
BW	BOTTOM OF WALL	MPH	MILES PER HOUR	TC	TOP OF CURB	
BY/4"	BROKEN YELLOW PAVEMENT LINE/WIDTH	N	NORTH	TW	TOP OF WALL	
BLDG	BUILDING	NPDES	NATIONAL POLLUTANT DISCHARGE	XF	TRANSFORMER	
Q	CENTERLINE		ELIMINATION SYSTEM	TYP	TYPICAL	
cc c/c		No/#	NUMBER	WM	WATER METER	
CLR	CLEAR	PM	PARKING METER	WV	WATER VALVE	
CONC	CONCRETE	OC	ON CENTER	WWF	WELDED WIRE FABRIC	
CONSTR		PERF	PERFORATED	W/4"	WHITE PAVEMENT LINE/WIDTH	
CMP	CORRUGATED METAL PIPE	PE	POLYETHYLENE			
CPP	CORRUGATED POLYETHYLENE PIPE	PUB	PUBLICATION			
DIA	DIAMETER	PSI	POUNDS PER SQUARE INCH			
DI	DUCTILE IRON	PP	POWER POLE			
EOB	EDGE OF BERM	PVC	POLYVINYL CHLORIDE			
EOP	EDGE OF PAVEMENT	P	PROPERTY LINE			
ELEC	ELECTRIC	R	RADIUS			
EMH	ELECTRIC MANHOLE					
EM	ELECTRIC METER					C

LEGEND

	<u>EXISTING</u>		<u>PROPOSED</u>
W	WATERLINE	w	WATERLINE
	GAS LINE	<u>—</u> —G——	GAS LINE
SS	SANITARY SEWER	——ss——	SANITARY SEWER
ST	STORM SEWER	st	STORM SEWER
STE	STEAM LINE	STE	STEAM LINE
EU	UNDERGROUND ELEC TELE CABLE	EU	UNDERGROUND ELEC TELE CABLE
<i>TU</i>	UNDERGROUND TELEPHONE	TU	UNDERGROUND TELEPHONE
CTVU	UNDERGROUND CABLE	CTVU	UNDERGROUND CABLE
——E——	OVERHEAD ELECTRIC	FO/COM	FIBER OPTICS/COMMUNICATIONS
	OVERHEAD TELEPHONE	——Е——	OVERHEAD ELECTRIC
CTV	OVERHEAD CABLE	—т—	OVERHEAD TELEPHONE
——OH W——	OVERHEAD WIRES	—стv—	OVERHEAD CABLE
C	CONDUIT	—с—	CONDUIT
F0/COM	FIBER OPTICS / COMMUNICATIONS	●FH	FIRE HYDRANT
$ abla_{FH}$	FIRE HYDRANT	PP_	POWER POLE
<i>PP</i> —	POWER POLE	SL 🕱	STREET LIGHT
0	SIGN (EXISTING)	•	SIGN
		-XXX-	FENCE
		\bigcirc	NUMBER OF PARKING SPACES

EROSION & SEDIMENTATION CONTROL

LIMIT OF DISTURBANCE/NPDES PERMIT

ROCK CONSTRUCTION ENTRANCE

— CFS — COMPOST FILTER SOCK

BOUNDARY

SOIL BOUNDARY

SOIL DESIGNATION

INLET PROTECTION

CALL BEFORE YOU DIG!



EL/ELEV ELEVATION

EQUAL

EQ

CAUTION
THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN
ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE
(INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND
MARKS MADE UPON THE GROUND BY OTHERS) AND ARE
SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING
UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND
EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS
OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND
UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY
AND ALL CONSTRUCTION.
ARIZONA UTILITIES PROTECTION SERVICES
CALL: 8-1-1 OR TOLL FREE: 1-800-782-5348

Project Identification:

SAIA MOTOR
FREIGHT LINE, LLC

PROPOSED
TRUCKING FREIGHT
FACILITY

AZ #: 13460-0

Headquarters:

814-269-9300

www.hflenz.com

Consultants

Seal:

Seal

1407 Scalp Avenue Johnstown, PA 15904

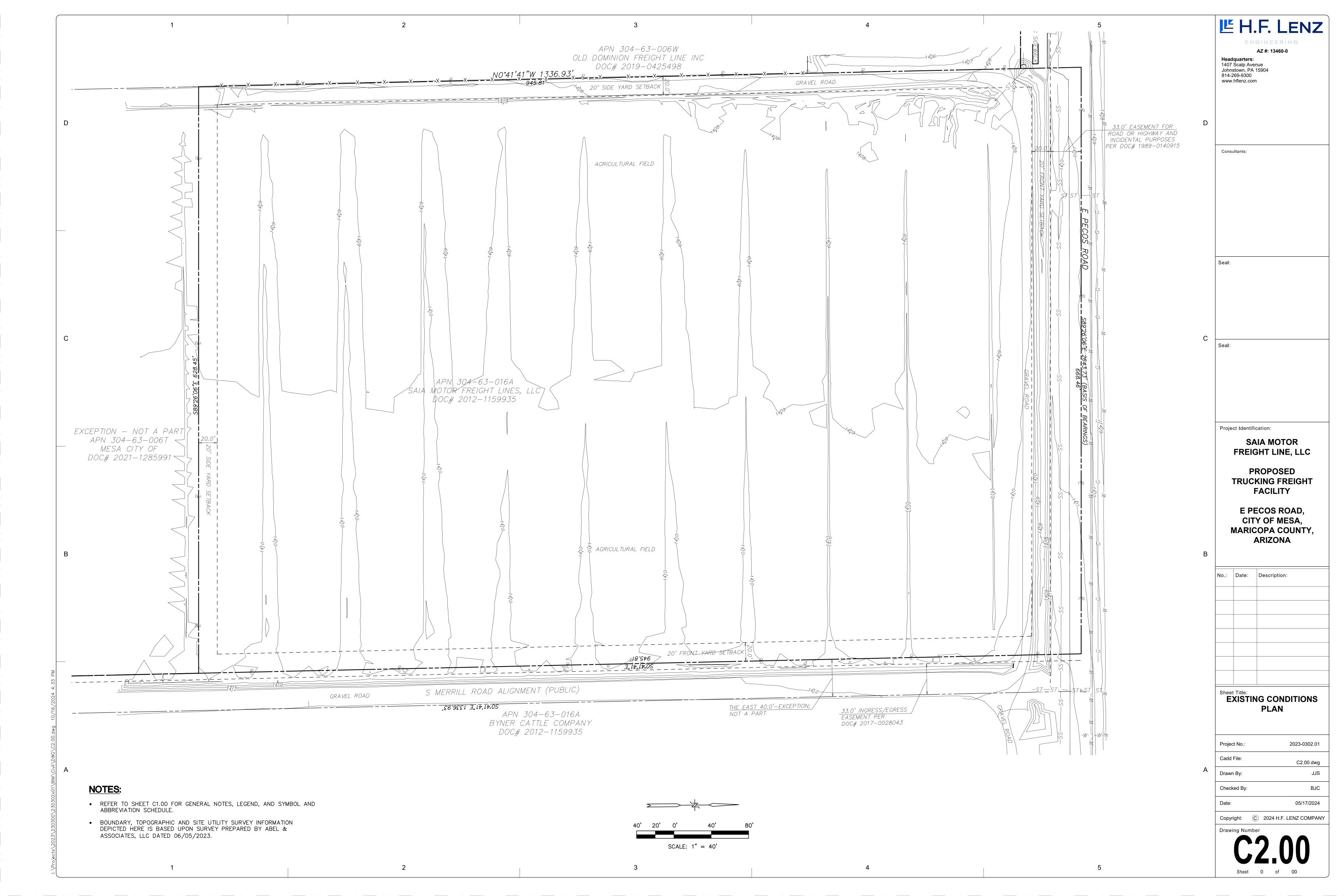
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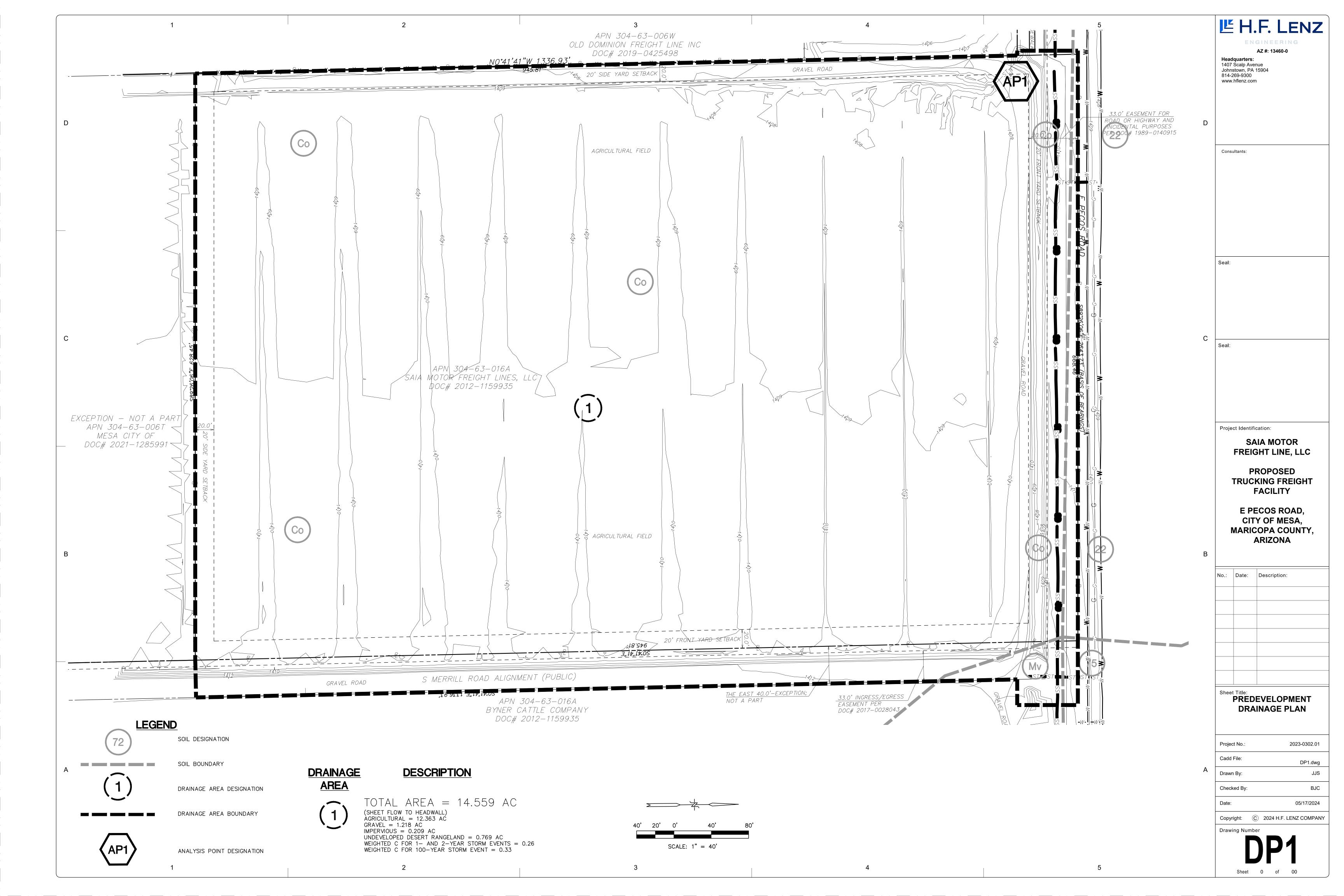
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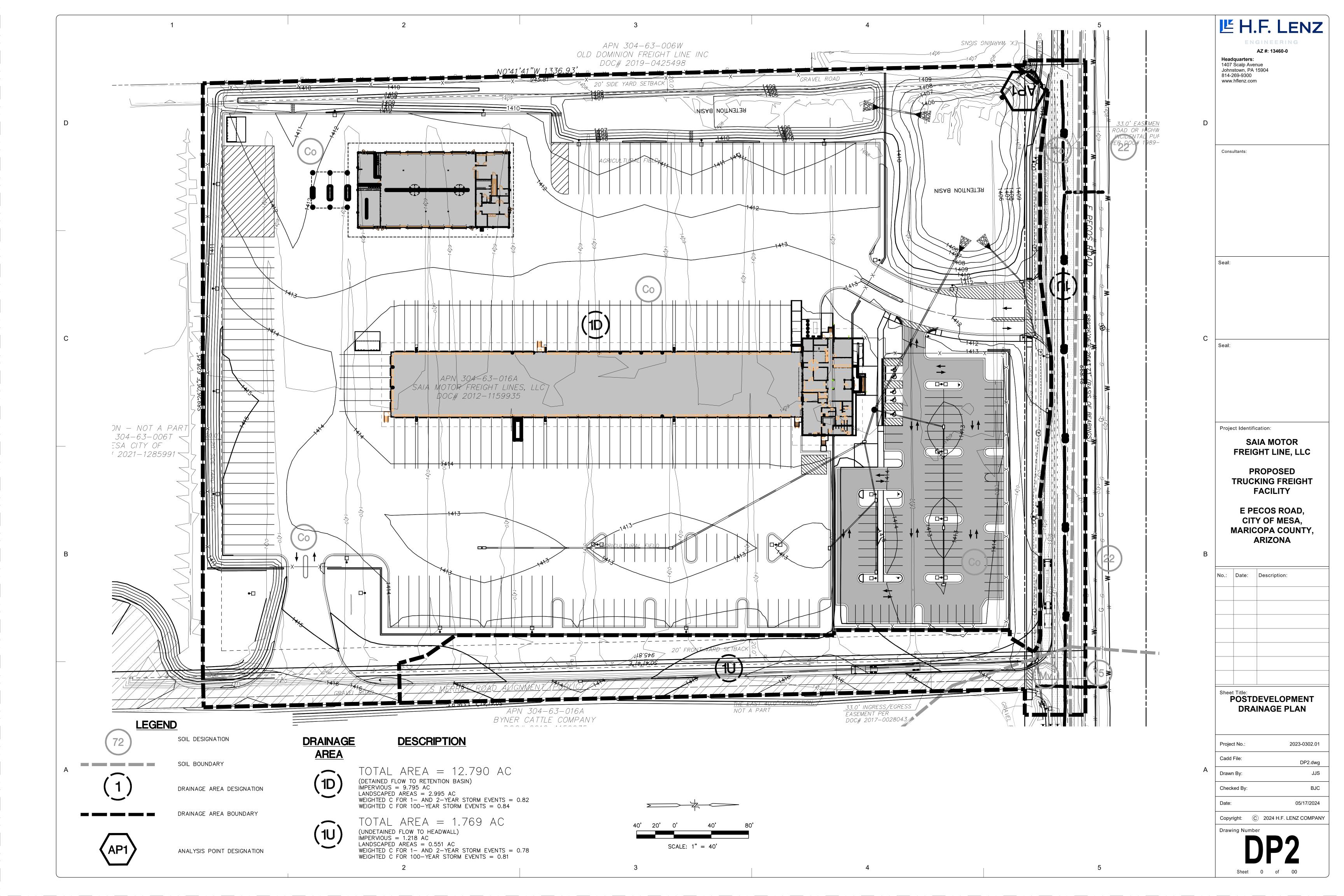
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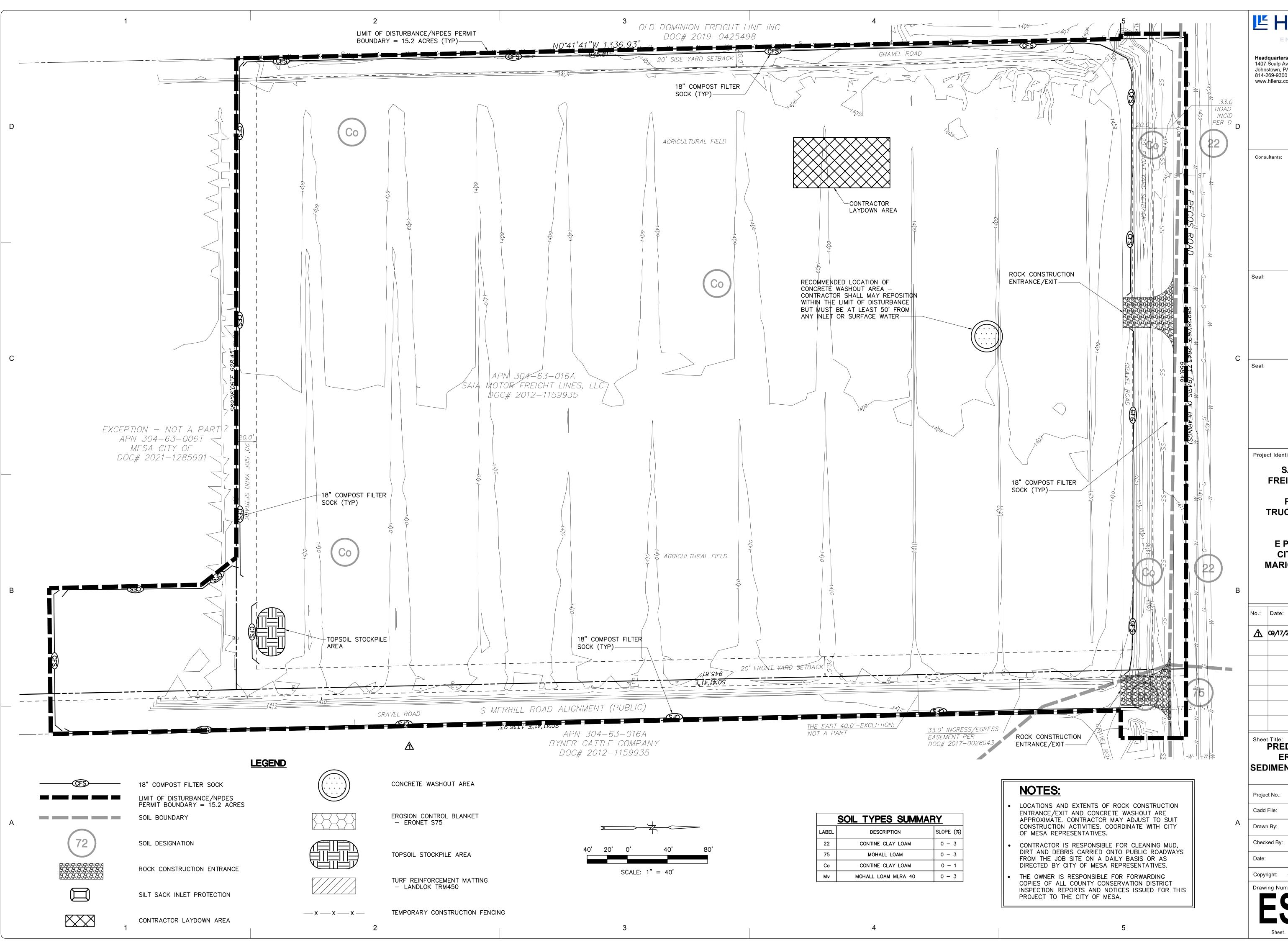
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AZ #: 13460-0

Headquarters: 1407 Scalp Avenue Johnstown, PA 15904 814-269-9300 www.hflenz.com

Project Identification:

SAIA MOTOR FREIGHT LINE, LLC

PROPOSED TRUCKING FREIGHT **FACILITY**

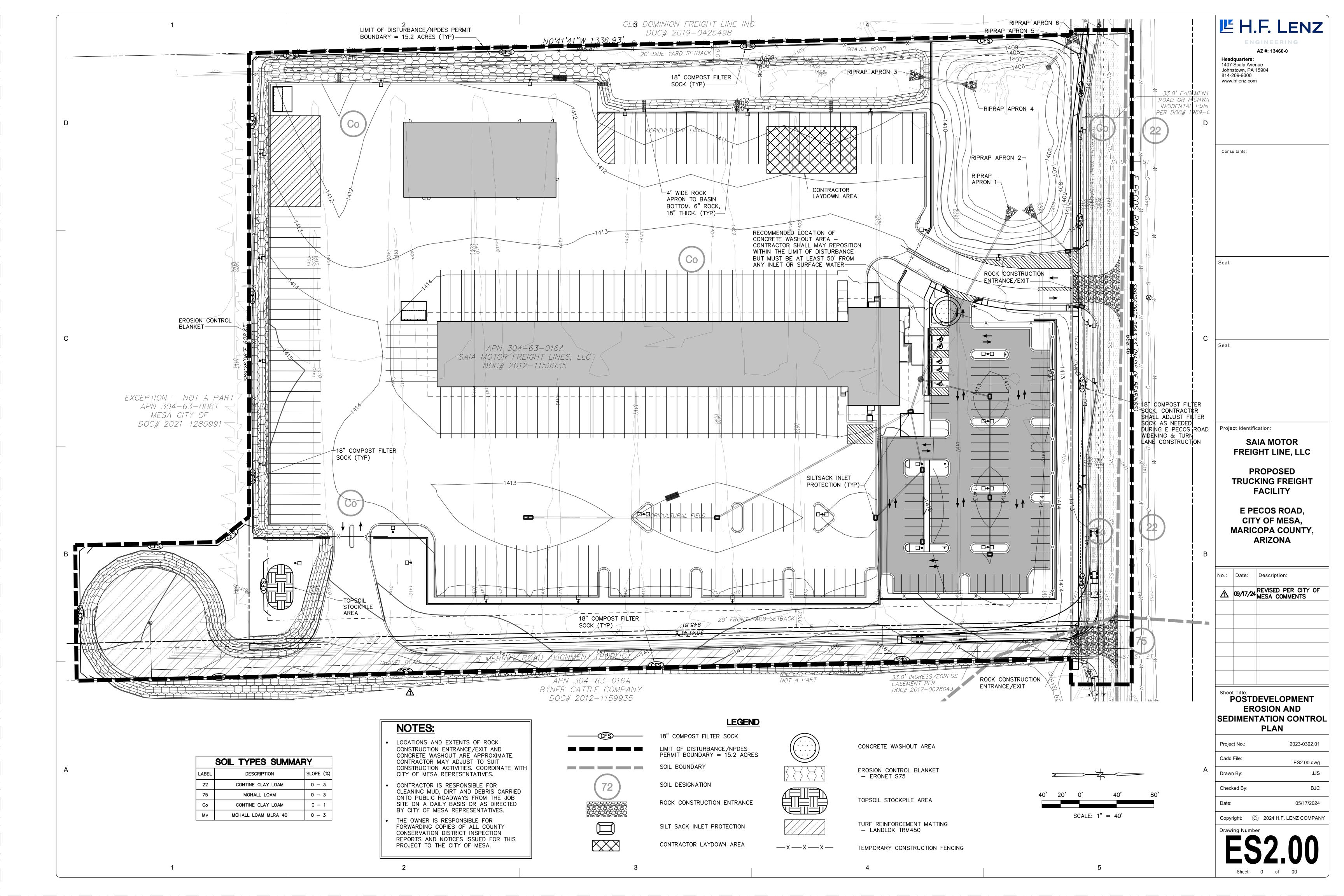
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No.: Date: Description: MESA COMMENTS

PREDEVELOPMENT EROSION AND SEDIMENTATION CONTROL **PLAN**

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Drawing Number



GENERAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENTATION CONTROL

- SOIL EROSION AND SEDIMENTATION CONTROL SHALL BE IMPLEMENTED PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES. COMPOST FILTER SOCK SHALL BE INSTALLED TO A MINIMUM AS SHOWN ON THESE DRAWINGS.
- EARTH MOVING OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE ACCELERATED SOIL EROSION, IN ACCORDANCE WITH THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY, AND AS SHOWN ON THESE DRAWINGS.
- COMPOST FILTER SOCK SHALL BE INSTALLED DOWNSTREAM OF CONSTRUCTION AND STOCKPILE AREAS TO CONFINE SEDIMENT THAT MAY BE WASHED FROM NEW FILL OR CUT SLOPES.
- COMPOST FILTER SOCK MUST BE INSTALLED AT LEVEL GRADE. BOTH ENDS OF EACH FENCE SECTION MUST EXTEND AT LEAST 10 FEET UPSLOPE AT 45° TO THE MAIN FENCE ALIGNMENT.
- COMPOST FILTER SOCK SHALL BE INSPECTED ONCE A WEEK AND AFTER EACH RUNOFF EVENT. DAMAGE SHALL BE REPAIRED IMMEDIATELY, SEDIMENT ACCUMULATIONS SHALL BE REMOVED AND PLACED IN THE TOPSOIL STOCKPILE.
- COMPOST FILTER SOCK SHALL BE MAINTAINED UNTIL FINAL PROTECTIVE VEGETATION HAS BEEN ESTABLISHED, OR OTHER GROUND COVER MATERIALS HAVE BEEN PLACED.
- THE CONTRACTOR SHALL PLACE SEEDING, SOIL SUPPLEMENTS, AND MULCHING IN ALL DISTURBED AREAS IN ACCORDANCE WITH ADOT SPECIFICATIONS.
- UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENTATION MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENTATION CONTROL AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING, AND RENETTING, MUST BE PERFORMED IMMEDIATELY.

INTERIM STABILIZATION

INTERIM STABILIZATION IN THE EVENT OF PLANNED OR UNPLANNED PROJECT SUSPENSION WILL CONSIST OF MULCHING OF DISTURBED AREAS DURING WINTER OR NON-GROWING SEASONS. INTERIM STABILIZATION MUST BE IMPLEMENTED IMMEDIATELY TO ANY DISTURBED AREA ON WHICH EARTH MOVING ACTIVITIES HAVE CEASED. GROWING SEASON STABILIZATION WILL CONSIST OF TEMPORARY SEEDING ACCORDING TO PROVIDED SPECIFICATIONS AND MULCHING OF THE DISTURBED AREAS. FALL CUTOFF FOR SEEDING WILL BE APPROXIMATELY THE END OF OCTOBER DEPENDING UPON LOCAL WEATHER CONDITIONS. DISTURBED AREAS, WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE RE-DISTURBED WITHIN ONE (1) YEAR, MAY BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY SEEDING SPECIFICATIONS. DISTURBED AREAS, WHICH ARE EITHER AT FINISHED GRADE OR WILL NOT BE RE-DISTURBED WITHIN ONE (1) YEAR, MUST BE STABILIZED IN ACCORDANCE WITH THE PERMANENT SEEDING SPECIFICATIONS.

PERMANENT SEEDING SPECIFICATIONS

SEEDING (CLASS I) SHALL CONSIST OF FURNISHING AND PLANTING LAWN SEED.

IMMEDIATELY BEFORE SEEDING, THE SURFACE AREA SHALL BE RAKED OR OTHERWISE LOOSENED TO OBTAIN A SMOOTH FRIABLE SURFACE FREE OF EARTH CLODS, HUMPS AND DEPRESSIONS. LOOSE STONES HAVING A DIMENSION GREATER THAN 1 INCH AND DEBRIS BROUGHT TO THE SURFACE DURING CULTIVATION SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.

WHERE INDICATED ON THE PROJECT PLANS OR SPECIFIED IN THE SPECIAL PROVISIONS, TOPSOIL SHALL BE PLACED AND ALLOWED TO SETTLE FOR AT LEAST ONE WEEK PRIOR TO SEEDING. THE TOPSOIL SHALL BE THOROUGHLY WATERED AT LEAST TWICE DURING THE SETTLEMENT PERIOD.

SEED SHALL BE UNIFORMLY APPLIED IN TWO DIRECTIONS AT RIGHT ANGLES TO EACH OTHER WITH ONE—HALF THE SPECIFIED APPLICATION RATE APPLIED IN EACH DIRECTION.

IMMEDIATELY AFTER SEEDING, THE AREA SHALL BE UNIFORMLY COVERED WITH SCREENED MANURE AT THE RATE OF 1 CUBIC YARD PER 1,000 SQUARE FEET AND THEN WATERED UNTIL THE GROUND IS WET TO A MINIMUM DEPTH OF 2 INCHES.

HYDROSEEDING (HYDRAULIC SEEDING), USING 1,500 POUNDS OF WOOD CELLULOSE FIBER PER ACRE, WILL BE AN ACCEPTABLE ALTERNATE FOR PLANTING AND MULCHING SEEDING (CLASS I).

MACHINES USED FOR HYDROSEEDING SHALL BE APPROVED TYPES CAPABLE OF CONTINUOUS AGITATION OF THE SLURRY MIXTURE DURING THE SEEDING OPERATION. PUMP PRESSURE SHALL BE SUCH AS TO MAINTAIN A CONTINUOUS NONFLUCTUATING SPRAY CAPABLE OF REACHING THE EXTREMITIES OF THE SEEDING AREA WITH THE PUMP UNIT LOCATED ON THE ROADBED. THE SPRAYER SHALL BE EQUIPPED TO USE THE PROPER TYPE OF NOZZLES TO OBTAIN A UNIFORM APPLICATION ON THE VARIOUS SLOPES AT THE DISTANCE TO BE COVERED.

THE SEED, FERTILIZER, MULCH, TACKING AGENT (WHEN REQUIRED) AND WATER SHALL BE COMBINED IN THE PROPORTIONS OF THE VARIOUS MATERIALS AS PROVIDED IN THE SPECIAL PROVISIONS AND ALLOWED TO MIX A MINIMUM OF FIVE MINUTES PRIOR TO STARTING THE APPLICATION OF THE SLURRY. SEED SHALL BE APPLIED WITHIN 30 MINUTES AFTER MIXING WITH WATER.

HYDROSEEDING WHICH IS DEPOSITED ON ADJACENT TREES AND SHRUBS, ROADWAYS, IN DRAIN DITCHES, ON STRUCTURES AND UPON ANY AREAS WHERE SEEDING IS NOT SPECIFIED OR WHICH IS PLACED IN EXCESSIVE DEPTHS ON SEEDING AREAS SHALL BE REMOVED.

SEEDING AREAS FLOODED OR ERODED AS A RESULT OF IRRIGATION SHALL BE REPAIRED, RESEEDED AND REFERTILIZED BY THE CONTRACTOR, AT NO EXPENSE TO THE OWNER.

CLEAN FILL AND ENVIRONMENTAL DUE DILIGENCE

THE NPDES PERMIT FOR THIS PROJECT, OF WHICH THIS EROSION AND SEDIMENTATION POLLUTION CONTROL PLAN IS A PART, COVERS THE "MOVING, DEPOSITING, STOCKPILING, OR STORING OF SOIL ROCK OR EARTH MATERIALS". IF THIS PROJECT WILL NEED FILL IMPORTED FROM AN OFF SITE LOCATION, THE RESPONSIBILITY FOR PERFORMING ENVIRONMENTAL DUE DILIGENCE AND THE DETERMINATION OF CLEAN FILL WILL RESIDE WITH THE CONTRACTOR. ENVIRONMENTAL DUE DILIGENCE IS DEFINED AS: INVESTIGATIVE TECHNIQUES, INCLUDING, BUT NOT LIMITED TO, VISUAL PROPERTY INSPECTIONS, ELECTRONIC DATA BASE SEARCHES, REVIEW OF PROPERTY OWNERSHIP, REVIEW OF PROPERTY USE HISTORY, SANBORN MAPS, ENVIRONMENTAL QUESTIONNAIRES, TRANSACTION SCREENS, ANALYTICAL TESTING, ENVIRONMENTAL ASSESSMENTS OR AUDITS. ANALYTICAL TESTING IS NOT A REQUIRED PART OF DUE DILIGENCE UNLESS VISUAL INSPECTION AND/OR REVIEW OF THE PAST LAND USE OF THE PROPERTY INDICATES THAT THE FILL MAY HAVE BEEN SUBJECTED TO A SPILL OR RELEASE OF REGULATED SUBSTANCE. IF THE FILL MAY HAVE BEEN AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE, IT MUST BE TESTED TO DETERMINE IF IT QUALIFIES AS CLEAN FILL. CLEAN FILL IS DEFINED AS: UNCONTAMINATED, NON-WATER SOLUBLE, NON-DECOMPOSABLE, INERT, SOLID MATERIAL. THE TERM INCLUDES SOIL, ROCK, STONE, DREDGED MATERIAL, USED ASPHALT, AND BRICK, BLOCK OR CONCRETE FROM CONSTRUCTION AND DEMOLITION ACTIVITIES THAT IS SEPARATE FROM OTHER WASTE AND IS RECOGNIZABLE AS SUCH. THE TERM DOES NOT INCLUDE MATERIALS PLACED IN OR ON THE WATERS OF ARIZONA UNLESS OTHERWISE AUTHORIZED. (THE TERM "USED ASPHALT" DOES NOT INCLUDE MILLED ASPHALT OR ASPHALT THAT HAS BEEN PROCESSED FOR RE-USE.) FILL MATERIAL THAT DOES NOT QUALIFY AS CLEAN FILL IS REGULATED FILL. REGULATED FILL IS WASTE AND MUST BE MANAGED IN ACCORDANCE WITH THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY'S REGULATIONS. AS ALL CUT AND FILL MATERIALS FOR THIS PROJECT WILL BE USED ON SITE, A CLEAN FILL DETERMINATION IS NOT REQUIRED BY THE CONTRACTOR UNLESS THERE IS A BELIEF THAT A SPILL OR RELEASE OF A REGULATED SUBSTANCE HAS OCCURRED.

RECYCLING/DISPOSING OF CONSTRUCTION WASTES AND DISPOSAL OF SEDIMENT REMOVED FROM BMP'S

- 1. ANY SEDIMENT REMOVED FROM BMP'S DURING CONSTRUCTION WILL BE RETURNED TO UPLAND AREAS ON SITE AND INCORPORATED INTO THE SITE GRADING.
- 2. ALL BUILDING MATERIALS AND WASTES MUST BE REMOVED FROM THE SITE AND RECYCLED OR DISPOSED OF IN ACCORDANCE WITH THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY'S SOLID WASTE MANAGEMENT REGULATIONS. NO BUILDING MATERIALS OR WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURNED, BURIED, DUMPED OR DISCHARGED AT THE SITE.
- 3. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF ANY EXCESS MATERIAL AND MAKE SURE THE SITE RECEIVING THE EXCESS HAS AN APPROVED EROSION AND SEDIMENTATION CONTROL PLAN THAT MEETS THE CONDITIONS OF THE STATE AND FEDERAL REGULATIONS.

SPECIFIC BMP MAINTENANCE INSTRUCTIONS

TEMPORARY VEGETATIVE COVER

- A. SOW ANNUAL RYE GRASS AT THE RATE OF 43 POUNDS PER ACRE, ONE POUND PER 1000 SQFT. BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION; PLUS A STRAW MULCH ANCHORED TO PREVENT LOSS.
- B. COVER GRASS SEED WITH 1/4" (6MM) OF SOIL USING SUITABLE EQUIPMENT FOR THAT PURPOSE. ADD LIME AND FERTILIZER (LIME=1 TON/AC, FERTILIZER = 5:5:5 MIX).
- C. MULCHING, WITHOUT SEEDING, IS TO BE USED AS AN INTERIM STABILIZATION CONTROL DURING NON-GROWING SEASONS OF THE YEAR.

ROCK CONSTRUCTION ENTRANCE

COMPOST FILTER SOCKS

- A. ROCK CONSTRUCTION ENTRANCE WILL BE PLACED AT THE LOCATION SHOWN ON THE PLAN AND CONSTRUCTED TO THE MINIMUM DIMENSIONS AS SHOWN ON THE DETAIL.
- B. THE ROCK CONSTRUCTION ENTRANCE THICKNESS WILL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSION BY ADDING ROCK. A STOCKPILE OF ROCK MATERIAL WILL BE MAINTAINED ON SITE FOR THIS PURPOSE.
- C. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PUBLIC AND PRIVATE ROADWAYS WILL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE. WASHING OF THE ROADWAYS IS NOT PERMITTED.
- A. COMPOST FILTER SOCKS WILL BE PLACED AS SHOWN ON THE PLAN TO INTERCEPT THE STORM WATER, AND FILTER THE RUNOFF BEFORE IT LEAVES THE CONSTRUCTION SITE.
- B. COMPOST FILTER SOCKS ARE NOT PERMITTED IN ANY AREA OF CONCENTRATED FLOW SUCH AS DITCHES, SWALES, OR CHANNELS.
- C. ADD SECTION OF COMPOST FILTER SOCK FROM POST TO POST WHEN UNDERCUTTING OF COMPOST FILTER SOCK OCCURS.
- D. INSTALL COMPOST FILTER SOCKS IN ACCORDANCE WITH DETAILS AS SHOWN ON THE DRAWINGS.
- E. INSPECT COMPOST FILTER SOCKS AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL EVENT. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
- F. ACCUMULATED SEDIMENT WILL BE REMOVED AS REQUIRED TO KEEP THE COMPOST FILTER SOCKS FUNCTIONAL. IN ALL CASES REMOVE DEPOSITS WHERE ACCUMULATIONS REACH 1/2 THE ABOVE GROUND HEIGHT OF THE COMPOST FILTER SOCK.
- G. THE REMOVED SEDIMENT IS TO BE USED FOR ON SITE GRADING, SEEDED, AND MULCHED.
- H. ANY COMPOST FILTER SOCK SECTION WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A NEW COMPOST FILTER SOCK.
- I. ADHERE TO MANUFACTURERS RECOMMENDATIONS FOR REPLACING COMPOST FILTER SOCKS DUE TO WEATHERING.
- J. AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, REMOVE ALL COMPOST FILTER SOCKS AND UNSTABLE SEDIMENT DEPOSITS. BRING THE DISTURBED AREA TO GRADE AND STABILIZE.

INLET PROTECTION

- A. INLET PROTECTION WILL BE PLACED IN EXISTING AND NEW INLETS AS DEPICTED ON THE PLANS.
- B. INSTALL INLET PROTECTION IN ACCORDANCE WITH THE DETAIL ON THE DRAWING.
- C. INSPECT INLET PROTECTION AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL EVENT. MAKE ANY REQUIRED REPAIRS OR REPLACE IMMEDIATELY.
- D. IN ALL CASES, REMOVE DEPOSITS AFTER EACH RAINFALL EVENT.
- E. THE REMOVED SEDIMENT IS TO BE USED FOR ON SITE GRADING, SEEDED, AND MULCH.
- F. ADHERE TO MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION OF INLET PROTECTION.
- G. AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, REMOVE INLET PROTECTION.

PUMPED WATER FILTER BAG

- A. PUMPED WATER FILTER BAGS SHALL BE PLACED IN WELL VEGETATED AREA AND DISCHARGE ONTO STABLE, EROSION RESISTANT AREAS NEAR EXCAVATIONS.
- B. A REPLACEMENT FILTER BAG SHALL BE AVAILABLE AT ALL TIMES.
- C. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL OF SEDIMENT. DISPOSED OF SEDIMENT IN A LAWFUL MANNER.
- D. REFER TO MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION AND USE.

CONCRETE WASHOUT

- A. CONCRETE WASHOUT FACILITIES SHALL BE INSPECTED DAILY.
- B. DAMAGED OR LEAKING CONCRETE WASHOUTS SHALL BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY.
- C. REMOVE MATERIALS, AND DISPOSE OF IN A LAWFUL MANNER, FROM THE CONCRETE WASHOUT WHEN 75% CAPACITY IS REACHED.
- D. REPLACE THE PLASTIC LINER DURING EACH CLEANING OF THE CONCRETE WASHOUT.

RIPRAP APRON

- A. RIPRAP APRONS MAY BE USED TO PREVENT SCOUR AT PIPE OR CHANNEL OUTFALLS WHERE ANTICIPATED DISCHARGE VELOCITIES DO NOT EXCEED 17.0 FPS, THERE IS SUFFICIENT ROOM TO CONSTRUCT THE APRON, AND WHERE APRONS CAN BE INSTALLED ON LEVEL GRADE.
- B. IN CASES WHERE DISCHARGE VELOCITIES EXCEED 17.0 FPS, A SUITABLE MEANS OF VELOCITY REDUCTION SHOULD BE USED PRIOR TO DISCHARGING SIGNIFICANT FLOWS ONTO A RIPRAP APRON.
- C. INSPECT RIRRAP APRONS AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL EVENT. MAKE ANY REQUIRED REPAIRS OR REPLACE DISPLACED ROCK IMMEDIATELY.

DOCUMENTATION OF BMP INSPECTION, REPAIR & REPLACEMENT

THE CONTRACTOR SHALL KEEP WRITTEN RECORDS DOCUMENTING THE INSPECTION, REPAIR AND REPLACEMENT OF ALL BMP'S.

RECYCLING AND/OR DISPOSAL OF PROJECT WASTE

PROJECT CONSTRUCTION WASTES SHALL CONSIST OF UNSUITABLE MATERIAL FOR USE AS A FILL OR BACKFILL MATERIAL. SUCH MATERIAL SHALL CONSIST OF CLAY, ROCK, EXCESS MATERIAL, TRASH AND DEBRIS. ALL WASTE MATERIAL SHALL BE STOCKPILED AND PROPERLY STABILIZED UNTIL THE WASTE CAN BE PROPERLY RECYCLED OR DISPOSED OF OFF SITE AT A WASTE DISPOSAL SITE THAT HAS BEEN APPROVED BY THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY. OTHER WASTE ITEMS SUCH AS GLASS, PLASTIC, OR METALS MUST BE DISPOSED OF IN ACCORDANCE WITH ANY LOCAL RECYCLING PROGRAM. A CONCRETE WASHOUT FACILITY SHALL BE PROVIDED FOR THE CLEANING OF CHUTES, MIXERS AND HOPPERS OF DELIVERY TRUCKS.

OTHER CONTROLS

- 1. NON-SEDIMENT POLLUTANT CONTROLS. IN ACCORDANCE WITH PART II.E, NO SOLID (OTHER THAN SEDIMENT) OR LIQUID WASTE. INCLUDING BUILDING MATERIALS. SHALL BE DISCHARGED IN STORM WATER RUNOFF. THE PERMITTEE MUST IMPLEMENT ALL NECESSARY BMPS TO PREVENT THE DISCHARGE OF NON-SEDIMENT POLLUTANTS TO THE DRAINAGE SYSTEM OF THE SITE OR SURFACE WATERS OF THE STATE OR AN MS4. UNDER NO CIRCUMSTANCE SHALL WASTEWATER FROM THE WASHOUT OF CONCRETE TRUCKS, STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS BE DISCHARGED DIRECTLY INTO A DRAINAGE CHANNEL. STORM SEWER OR SURFACE WATERS OF THE STATE. ALSO, NO POLLUTANTS FROM VEHICLE FUEL, OILS, OR OTHER VEHICLE FLUIDS CAN BE DISCHARGED TO SURFACE WATERS OF THE STATE. NO EXPOSURE OF STORM WATER TO WASTE MATERIALS IS RECOMMENDED. THE SWPPP MUST INCLUDE METHODS TO MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, AND SANITARY WASTE TO PRECIPITATION, STORM WATER RUNOFF, AND SNOW MELT. THE SWPPP SHALL INCLUDE MEASURES TO PREVENT AND RESPOND TO CHEMICAL SPILLS AND LEAKS. YOU MAY ALSO REFERENCE THE EXISTENCE OF OTHER PLANS (I.E., SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLANS, SPILL CONTROL PROGRAMS, SAFETY RESPONSE PLANS, ETC.) PROVIDED THAT SUCH PLAN ADDRESSES CONDITIONS OF THIS PERMIT CONDITION AND A COPY OF SUCH PLAN IS MAINTAINED ON SITE.
- 2. OFF-SITE TRAFFIC. OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND DUST GENERATION SHALL BE MINIMIZED. THE SWPPP SHALL INCLUDE METHODS TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASHWATER, AND OTHER WASHWATERS. NO DETERGENTS MAY BE USED TO WASH VEHICLES. WASHWATERS SHALL BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THE PROVIDES EQUIVALENT TREATMENT PRIOR TO DISCHARGE.
- 3. <u>COMPLIANCE WITH OTHER REQUIREMENTS</u>. THE SWPPP SHALL BE CONSISTENT WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS, INCLUDING PROVISIONS PROHIBITING WASTE DISPOSAL BY OPEN BURNING AND SHALL PROVIDE FOR THE PROPER DISPOSAL OF CONTAMINATED SOILS TO THE EXTENT THESE ARE LOCATED WITHIN THE PERMITTED AREA.
- 4. TRENCH AND GROUNDWATER CONTROL. THERE SHALL BE NO TURBID DISCHARGES TO SURFACE WATERS OF THE STATE RESULTING FROM DEWATERING ACTIVITES. IF TRENCH OR GROUND WATER CONTAINS SEDIMENT, IT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR OTHER EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE, PRIOR TO BEING DISCHARGED FROM THE CONSTRUCTION SITE. ALTERNATIVELY, SEDIMENT MAY BE REMOVED BY SETTLING IN PLACE OR BY DEWATERING INTO A SUMP PIT, FILTER BAG OR COMPARABLE PRACTICE. GROUND WATER WHICH DOES NOT CONTAIN SEDIMENT OR OTHER POLLUTANTS IS NOT REQUIRED TO BE TREATED PRIOR TO DISCHARGE. HOWEVER, CARE MUST BE TAKEN WHEN DISCHARGING GROUND WATER TO ENSURE THAT IT DOES NOT BECOME POLLUTANT—LADEN BY TRAVERSING OVER DISTURBED SOILS OR OTHER POLLUTANT SOURCES.
- 5. CONTAMINATED SEDIMENT. WHERE CONSTRUCTION ACTIVITIES ARE TO OCCUR ON SITES WITH CONTAMINATION FROM PREVIOUS ACTIVITIES, OPERATORS SHALL BE AWARE THAT CONCENTRATIONS OF MATERIALS THAT MEET OTHER CRITERIA (IS NOT CONSIDERED A HAZARDOUS WASTE, MEETING VAP STANDARDS, ETC.) MAY STILL RESULT IN STORM WATER DISCHARGES IN EXCESS OF ARIZONA WATER QUALITY STANDARDS. SUCH DISCHARGES ARE NOT AUTHORIZED BY THIS PERMIT. APPROPRIATE BMPS INCLUDE, BUT ARE NOT LIMITED TO:
- THE USE OF BERMS, TRENCHES, AND PITS TO COLLECT CONTAMINATED RUNOFF AND PREVENT DISCHARGES;
- PUMPING RUNOFF INTO A SANITARY SEWER (WITH PRIOR APPROVAL OF THE SANITARY SEWER
 OPERATOR) OR INTO A CONTAINER FOR TRANSPORT TO A APPROPRIATE TREATMENT/DISPOSAL
 FACILITY; AND
- COVERING AREAS OF CONTAMINATION WITH TARPS OR OTHER METHODS THAT PREVENT STORM WATER FROM COMING INTO CONTACT WITH THE MATERIAL.

OPERATORS SHOULD CONSULT WITH ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY PRIOR TO SEEKING PERMIT COVERAGE.

CONTRACTOR'S RESPONSIBILITIES

- 1. CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT POLLUTION CONTROL PLAN IN ACCORDANCE WITH THE DRAWINGS.
- 2. ALL FACILITIES WILL BE INSPECTED AND REPAIRED, IF NECESSARY, AFTER EACH STORM EVENT OR AT A PERIOD NOT TO EXCEED ONE WEEK. SEDIMENT COLLECTED FROM THE EROSION CONTROL STRUCTURES WILL BE PLACED UPSTREAM OF THOSE CONTROLS AND STABILIZED WITH GRAVEL OR RESEEDING.
- 3. AT NO TIME WILL SEDIMENT BE ALLOWED TO LEAVE THE SITE AND ENTER SURFACE WATERS.
- 4. ANY PERMANENTLY SEEDED AREAS THAT BECOME ERODED WILL HAVE THE TOPSOIL REPLACED, THE EROSION CONTROL MATTING REPLACED (IF APPLICABLE), THE GRASS RESOWN, AND MULCH REAPPLIED.
- 5. A COPY OF THIS PLAN MUST BE KEPT AVAILABLE FOR INSPECTION ON THE CONSTRUCTION SITE AT ALL TIMES THROUGHOUT THE TERM OF THE PROJECT.
- 6. THE INTENT OF THIS PLAN/NARRATIVE IS TO INDICATE GENERAL MEANS OF COMPLIANCE WITH THE REQUIREMENTS OF THE RULES AND REGULATIONS OF THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT THESE METHODS. PLUS ADDITIONAL PROCEDURES IN ORDER TO ASSURE COMPLIANCE WITH APPLICABLE LAW. IT WILL FURTHER BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL EROSION AND SEDIMENT CONTROL FACILITIES SO THAT THEY PERFORM AS REQUIRED BY APPLICABLE LAW.
- 7. FINES AND RELATED COSTS RESULTING FROM THE CONTRACTOR'S FAILURE TO PROVIDE ADEQUATE PROTECTION AGAINST SOIL EROSION AND FOR ANY VIOLATIONS OF THE CLEAN STREAMS LAW AND THE RULES AND REGULATIONS PROMULGATED THEREUNDER SHALL BE BORNE BY THE CONTRACTOR.

MAINTENANCE/OWNER'S RESPONSIBILITIES

1. MAINTENANCE OF ALL PERMANENT STORM WATER AND E&SC FACILITIES BECOMES THE RESPONSIBILITY OF THE OWNER IN PERPETUITY UPON COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY OWNER, SUBJECT TO THE TERMS OF THE WARRANTY PERIOD SPECIFIED IN THE CONTRACT DOCUMENTS.

REMOVAL OF TEMPORARY BMP'S

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROPERLY DISPOSE OF ALL MATERIALS ENCOUNTERED DURING CONSTRUCTION THAT ARE NOT TO BE RECYCLED OR REUSED ON THE PROJECT. THESE MATERIALS INCLUDE, BUT ARE NOT LIMITED TO, EXCESS SOIL MATERIALS, TEMPORARY BMP'S, BUILDING MATERIALS, CONCRETE WASH WATER, SANITARY WASTES, AND ANY OTHER MATERIALS THAT COULD ADVERSELY IMPACT WATER QUALITY. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR IMPLEMENTING A PROCEDURE FOR LITTER CONTROL DURING THE PROJECT. WHEREVER POSSIBLE, RECYCLING OF MATERIALS SUCH AS PAPER, PLASTIC, GLASS, AND ALUMINUM SHALL BE IN ACCORDANCE WITH THE LOCAL MUNICIPAL RECYCLING PROGRAM.
- 2. THE BMP'S MAY NOT BE REMOVED UNTIL A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER IS WELL ESTABLISHED ACROSS THE ENTIRE UPSLOPE ACROSS THE ENTIRE UPSLOPE PROJECT DRAINAGE AREA. ALL PARKING LOTS DRIVEWAYS, AND STREETS MUST BE PAVED OR HAVE A COMPACTED STONE BASE IN PLACE.
- 3. PERMANENT STABILIZATION IS A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.

世 H.F. LENZ

ENGINEERIN AZ#: 13460-0

Headquarters: 1407 Scalp Avenue Johnstown, PA 15904 814-269-9300 www.hflenz.com

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Consultants:

Seal:

Project Identification:

SAIA MOTOR

PROPOSED TRUCKING FREIGHT FACILITY

FREIGHT LINE, LLC

E PECOS ROAD, CITY OF MESA, MARICOPA COUNTY, ARIZONA

No.: Date: Description:

Sheet Title:
EROSION AND
SEDIMENTATION CONTROL
PLAN NOTES

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INSPECTIONS & MAINTENANCE OF EROSION & SEDIMENTATION CONTROLS

MAINTENANCE. ALL TEMPORARY AND PERMANENT CONTROL PRACTICES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED IN A FUNCTIONAL CONDITION UNTIL ALL UP—SLOPE AREAS THEY CONTROL ARE PERMANENTLY STABILIZED. THE SWPPP SHALL BE DESIGNED TO MINIMIZE MAINTENANCE REQUIREMENTS. THE APPLICANT SHALL PROVIDE A DESCRIPTION OF MAINTENANCE PROCEDURES NEEDED TO ENSURE THE CONTINUED PERFORMANCE OF CONTROL PRACTICES.

- D INSPECTIONS. THE PERMITTEE SHALL ASSIGN "QUALIFIED INSPECTION PERSONNEL" TO CONDUCT INSPECTIONS TO ENSURE THAT THE CONTROL PRACTICES ARE FUNCTIONAL AND TO EVALUATE WHETHER THE SWPPP IS ADEQUATE AND PROPERLY IMPLEMENTED IN ACCORDANCE WITH THE SCHEDULE PROPOSED IN PART III.G.1.H OF THIS PERMIT OR WHETHER ADDITIONAL CONTROL MEASURES ARE REQUIRED. AT A MINIMUM, PROCEDURES IN A SWP3 SHALL PROVIDE THAT ALL CONTROLS ON THE SITE ARE INSPECTED:
- AFTER ANY STORM GREATER THAN ONE—HALF INCH OF RAIN PER 24—HOUR PERIOD BY THE END OF THE NEXT CALENDAR DAY, EXCLUDING WEEKENDS AND HOLIDAYS UNLESS WORK IS SCHEDULED: AND
- ONCE EVERY SEVEN CALENDAR DAYS

THE INSPECTION FREQUENCY MAY BE REDUCED TO AT LEAST ONCE EVERY MONTH FOR DORMANT SITES IF:

- THE ENTIRE SITE IS TEMPORARILY STABILIZED OR
- RUNOFF IS UNLIKELY DUE TO WEATHER CONDITIONS FOR EXTENDED PERIODS OF TIME (E.G., SITE IS COVERED WITH SNOW, ICE, OR THE GROUND IS FROZEN).

THE BEGINNING AND ENDING DATES OF ANY REDUCED INSPECTION FREQUENCY SHALL BE DOCUMENTED IN THE SWPPP.

ONCE A DEFINABLE AREA HAS ACHEIVED FINAL STABILIZATION, THE AREA MAY BE MARKED ON THE SWPPP AND NO FURTHER INSPECTION REQUIREMENTS SHALL APPLY TO THAT PORTION OF THE SITE.

FOLLOWING EACH INSPECTION, A CHECKLIST MUST BE COMPLETED AND SIGNED BY THE QUALIFIED INSPECTION PERSONNEL REPRESENTATIVE. AT A MINIMUM, THE INSPECTION REPORT SHALL INCLUDE:

- 1. THE INSPECTION DATE:
- 2. NAMES, TITLES, AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION;
- 3. WEATHER INFORMATION FOR THE PERIOD SINCE THE LAST INSPECTION (OR SINCE COMMENCEMENT OF CONSTRUCTION ACTIVITY IF THE FIRST INSPECTION) INCLUDING A BEST ESTIMATE OF THE BEGINNING OF EACH STORM EVENT, DURATION OF EACH STORM EVENT, APPROXIMATE AMOUNT OF RAINFALL FOR EACH STORM EVENT (IN INCHES), AND WHETHER
- ANY DISCHARGES OCCURRED;

 4. WEATHER INFORMATION AND A DESCRIPTION OF ANY DISCHARGES OCCURRING AT THE TIME OF THE INSPECTION:
- 5. LOCATION(S) OF DISCHARGES OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE;
- 6. LOCATION(S) OF BMPS THAT NEED TO BE MAINTAINED;
- 7. LOCATION(S) OF BMPS THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION;
- FOR A PARTICULAR LOCATION;
 8. LOCATION(S) WHERE ADDITIONAL BMPS ARE NEEDED THAT DID NOT EXIST AT THE TIME OF
- INSPECTION; AND
 9. CORRECTIVE ACTION REQUIRED INCLUDING ANY CHANGES TO THE SWPPP NECESSARY AND

9. CORRECTIVE ACTION REQUIRED INCLUDING ANY CHANGES TO THE SWPPP NECESSARY AN IMPLEMENTATION DATES.

DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF OR THE POTENTIAL FOR POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE SWPPP SHALL BE OBSERVED TO ENSURE THAT THOSE ARE OPERATING CORRECTLY. DISCHARGE LOCATION SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION AND SEDIMENT CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO THE RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF—SITE VEHICLE TRACKING.

THE PERMITTEE SHALL MAINTAIN FOR THREE YEARS FOLLOWING THE SUBMITTAL OF A NOTICE OF TERMINATION FORM, A RECORD SUMMARIZING THE RESULTS OF THE INSPECTION, NAMES(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE SWPPP AND A CERTIFICATION AS TO WHETHER THE FACILITY IS IN COMPLIANCE WITH THE SWPPP AND THE PERMIT AND IDENTIFY ANY INCIDENTS OF NON—COMPLIANCE.

- a. WHEN PRACTICES REQUIRE REPAIR OR MAINTENANCE. IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE IS IN NEED OF REPAIR OR MAINTENANCE, WITH THE EXCEPTION OF A SEDIMENT SETTLING POND, IT SHALL BE REPAIRED OR MAINTAINED WITHIN 3 DAYS OF THE INSPECTION. SEDIMENT SETTLING PONDS SHALL BE REPAIRED OR MAINTAINED WITHIN 10 DAYS OF THE INSPECTION.
- b. WHEN PRACTICES FAIL TO PROVIDE THEIR INTENDED FUNCTION. IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE FAILS TO PERFORM ITS INTENDED FUNCTION AND THAT ANOTHER, MORE APPROPRIATE CONTROL PRACTICE IS REQUIRED, THE SWPPP SHALL BE AMENDED AND THE NEW CONTROL PRACTICE SHALL BE INSTALLED WITHIN 10 DAYS OF THE INSPECTION.
- c. WHEN PRACTICES DEPICTED ON THE SWPPP ARE NOT INSTALLED. IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE HAS NOT BEEN IMPLEMENTED IN ACCORDANCE WITH THE SEQUENCE OF CONSTRUCTION, THE CONTROL PRACTICE SHALL BE IMPLEMENTED WITHIN 10 DAYS FROM THE DATE OF THE INSPECTION. IF THE INSPECTION REVEALS THAT THE PLANNED CONTROL PRACTICE IS NOT NEEDED, THE RECORD SHALL CONTAIN A STATEMENT OF EXPLANATION AS TO WHY THE CONTROL PRACTICE IS NOT NEEDED.

CONSTRUCTION NOTES:

- 1. AT LEAST (7) DAYS BEFORE STARTING CONSTRUCTION ANY EARTH DISTURBANCE ACTIVITIES, THE OWNER AND OR THE OPERATOR SHALL INVITE ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES, THE LANDOWNER, ALL APPROPRIATE MUNICIPAL OFFICIALS, THE EROSION AND SEDIMENTATION CONTROL PLAN PREPARER, AND ANY REPRESENTATIVES OF THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY TO AN ON-SITE PRECONSTRUCTION MEETING.
- 2. AT LEAST (2) DAYS BEFORE STARTING ANY EARTH DISTURBING ACTIVITIES ALL CONTRACTORS INVOLVED WITH THOSE ACTIVITIES SHALL NOTIFY THE ARIZONA811 (ARIZONA UTILITY PROTECTION SERVICE) AT 1-800-782-5348 FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
- 3. ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE. EACH STAGE SHALL BE COMPLETED AND IMMEDIATELY STABILIZED BEFORE ANY FOLLOWING STAGE IS INITIATED. CLEARING AND GRUBBING AND TOPSOIL STRIPPING SHALL BE LIMITED ONLY TO THOSE AREAS DESCRIBED IN EACH STAGE.
- 4. IMMEDIATELY AFTER DISCOVERING UNFORESEEN CONDITIONS POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENTATION POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
- 5. TEMPORARY STABILIZATION MUST BE APPLIED TO ANY DISTURBED AREA WHICH WILL BE LEFT UNTOUCHED FOR 4+ DAYS.
- 6. FAILURE TO CORRECTLY INSTALL E&S BMPs, FAILURE TO PREVENT SEDIMENT—LADEN RUNOFF FORM LEAVING THE CONSTRUCTION SITE, OR FAILURE TO TAKE IMMEDIATE CORRECTIVE ACTION TO RESOLVE FAILURE OF E&S BMPs MAY RESULT IN ADMINISTRATIVE, CIVIL, AND/OR CRIMINAL PENALTIES BEING INSTITUTED BY THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY.

PROCEDURES FOR TRENCHING OF UNDERGROUND UTILITIES

- CONTRACTOR SHALL MINIMIZE THE AMOUNT OF EARTH DISTURBANCE REQUIRED FOR TRENCHING ACTIVITIES.
- CONTRACTOR SHALL ONLY EXCAVATE THE AMOUNT OF TRENCHES THAT CAN BE BACKFILLED AND STABILIZED IN A DAY.
- TRENCHES SHALL NOT BE EXPOSED OVERNIGHT.
- PLACE SPOIL MATERIAL ON THE HIGH SIDE OF THE TRENCH.
- ANY EXCESS SPOIL MATERIAL NOT USED FOR BACKFILL SHALL BE REMOVED FROM THE SITE AND DISPOSED IN A LEGAL MANNER OR PLACED IN A STOCKPILE AREA WITH FILTER FABRIC FENCE AND TEMPORARY SEED AND MULCH.
- AFTER BACKFILLING IMMEDIATELY STABILIZE TRENCH WITH SEED AND MULCH.
- REFER TO STREAM, / WETLAND UTILITY CROSSING DETAIL FOR EXCAVATING THROUGH WETLANDS OR UNDER STREAMS.
- 1. ALL UTILITY LINES UNDER STREAMBEDS OR WETLANDS SHALL BE LOCATED SUCH THAT THERE WILL BE A MINIMUM OF THREE (3) FEET OF COVER BETWEEN THE TOP OF THE UTILITY LINE OR ENCASEMENT AND THE LOWEST POINT IN THE NATURAL CONTOUR OF THE STREAMBED, UNLESS THE UTILITY LINE IS IN ROCK, WHERE A MINIMUM COVER OF ONE (1) FOOT SHALL BE PROVIDED.
- 2. TRENCHES EXCAVATED FOR THE INSTALLATION OF UTILITY LINES SHALL BE THE MINIMUM WIDTH NECESSARY. AS SOON AS THE UTILITY LINE IS INSTALLED AND TESTED TO ASCERTAIN NO LEAKAGE, APPROPRIATE NEW OR PREVIOUSLY EXCAVATED BACKFILL MATERIAL SHALL BE PLACED IN THE TRENCH AND THE AREA RESTORED TO ITS ORIGINAL CONDITION AND ELEVATION AND STABILIZATED. BACKFILL MATERIAL STORED IN CONNECTION WITH THE INSTALLATION MUST BE PROPERLY RETAINED OUT OF THE FLOODWAY SO AS TO PREVENT ITS DISCHARGE, WASHINGS OR RUNOFF FROM ENTERING THE WATERWAY PRIOR TO ITS PLACEMENT AS BACKFILL.
- 3. ADEQUATE MEASURES SHALL BE USED TO PREVENT SEDIMENTATION FROM THE TRENCH FROM ENTERING THE STREAM.
- 4. THE BACKFILLING OF THE TRENCH IN WHICH THE PIPE WILL BE LAID SHALL BE DONE SO AS TO ELIMINATE THE FORMATION OF A PERMANENT RIDGE IN THE STREAMBED.
- 5. MATS, PADS, OR OTHER SIMILAR DEVICES SHALL BE USED WHERE CROSSINGS OF WETLAND AREAS BY CONSTRUCTION EQUIPMENT CANNOT BE AVOIDED. ORIGINAL GRADES THROUGH WETLANDS MUST BE RESTORED AFTER TRENCHING AND BACKFILLING. ANY EXCESS FILL MATERIAL MUST BE REMOVED FROM THE WETLAND AND NOT SPREAD ON—SITE. MOUNDING OF FILL MATERIAL TO ALLOW FOR SETTLEMENT IN THE TRENCH WILL BE PERMITTED IN ACCORDANCE WITH BEST CONSTRUCTION METHODS.
- 6. DEPOSITION OF DREDGED OR EXCAVATED MATERIALS AND ALL EARTHWORK OPERATIONS WILL BE CARRIED OUT IN SUCH A WAY AS TO MINIMIZE EROSION OF THE MATERIAL AND PRECLUDE ITS ENTERING INTO ANY WETLAND ADJACENT TO THE UTILITY LINE CROSSING.
- 7. UTILITY LINE CROSSINGS OF STREAMS SHOULD BE ACCOMPLISHED SO THAT THE LINE IS AT A RIGHT ANGLE TO THE STREAM WHERE POSSIBLE, UNLESS THE CROSSING IS INSTALLED ON AN EXISTING BRIDGE.
- 8. WHENEVER POSSIBLE, IN ACCORDANCE WITH BEST CONSTRUCTION METHODS UTILITY LINE CROSSINGS ARE TO BE MADE "IN THE DRY" BY INSTALLING SANDBAG AND PLASTIC DAMS AND PIPING STREAM FLOW THROUGH THE AFFECTED AREA. REFER TO DETAIL.
- 9. TRENCH PLUGS SHALL BE PLACED ON EACH SIDE OF STREAM AT A MAXIMUM DISTANCE OF 4'. IN WETLAND AREAS PLUGS SHALL BE PLACED ON OUTSIDE OF WETLAND AT A MAXIMUM DISTANCE OF 1'.

THE TYPES, DEPTH, SLOPE, LOCATIONS, AND LIMITATIONS OF THE SOILS

SOIL TYPES

THE SOILS ON THE SITE AS DETERMINED BY THE USDA—SCS SOIL SURVEY OF AGUILLA—CAREFREE AREA, ARIZONA, PARTS OF MARICOPA AND PINAL COUNTIES; AND EASTERN MARICOPA AND NORTHERN PINAL COUNTIES AREA, ARIZONA CONSIST OF THE FOLLOWING TYPES:

SOIL TYPE SOIL DESCRIPTION

CONTINE CLAY LOAM, O TO 3 PERCENT SLOPES. THE SOIL IS ON FAN TERRACES. WATER MOVEMENT IN THE MOST RESTRICTIVE LAYER IS VERY LOW. DEPTH TO A ROOT RESTRICTIVE LAYER IS GREATER THAN 60 INCHES. THIS SOIL HAS A SLIGHT HAZARD OF EROSION AND IS WELL DRAINED. AVAILABLE WATER TO A DEPTH OF 60 INCHES (OR RESTRICTED DEPTH) IS MODERATE. SHRINK SWELL POTENTIAL IS LOW. THIS SOIL IS NOT FLOODED. IT IS NOT PONDED. THERE IS NO ZONE OF WATER SATURATION WITHIN A DEPTH OF 72 INCHES. THIS SOIL BELONGS TO HYDROLOGIC SOIL GROUP D. THIS SOIL DOES NOT MEET HYDRIC CRITERIA.

CONSTRUCTION TECHNIQUES INCLUDE THE USE OF LADDERS IN EXCAVATION, TRENCH BOXES, AND EXCAVATIONS WITH SLOPES NOT CONDUCIVE TO CAVE—INS. PROTECTION SHALL BE USED AROUND CONCRETE AND STEEL TO PREVENT CORROSION. CARE SHOULD BE TAKEN TO STABILIZE SOILS AND PROVIDE SUFFICIENT EROSION AND SEDIMENTATION MEASURES. SLOW PERCOLATION RATES MAY CAUSE WET SATURATED SOILS AND SOIL PIPING, USE CAUTION WHILE MOVING EQUIPMENT AROUND IN SATURATED SOILS. SOIL SHALL BE PROTECTED FROM THE ELEMENTS TO PREVENT FROST ACTION POTENTIAL. TOPSOIL SHOULD BE IMPORTED INTO THE SITE. CARE SHOULD BE TAKEN TO ENSURE SOIL IS AT PROPER MOISTURE CONTENT FOR COMPACTION.

MOHALL LOAM, O TO 3 PERCENT SLOPES. THE SOIL IS ON FAN TERRACES. WATER MOVEMENT IN THE MOST RESTRICTIVE LAYER IS MODERATELY HIGH. DEPTH TO A ROOT RESTRICTIVE LAYER IS GREATER THAN 60 INCHES. THIS SOIL HAS A SLIGHT HAZARD OF EROSION AND IS WELL DRAINED. AVAILABLE WATER TO A DEPTH OF 60 INCHES (OR RESTRICTED DEPTH) IS HIGH. SHRINK SWELL POTENTIAL IS MODERATE. THIS SOIL IS NOT FLOODED. IT IS NOT PONDED. THERE IS NO ZONE OF WATER SATURATION WITHIN A DEPTH OF 72 INCHES. THIS SOIL BELONGS TO HYDROLOGIC SOIL GROUP C. THIS SOIL DOES NOT MEET HYDRIC CRITERIA.

CONSTRUCTION TECHNIQUES INCLUDE THE USE OF LADDERS IN EXCAVATION, TRENCH BOXES, AND EXCAVATIONS WITH SLOPES NOT CONDUCIVE TO CAVE—INS. PROTECTION SHALL BE USED AROUND CONCRETE AND STEEL TO PREVENT CORROSION. CARE SHOULD BE TAKEN TO STABILIZE SOILS AND PROVIDE SUFFICIENT EROSION AND SEDIMENTATION MEASURES. SLOW PERCOLATION RATES MAY CAUSE WET SATURATED SOILS AND SOIL PIPING, USE CAUTION WHILE MOVING EQUIPMENT AROUND IN SATURATED SOILS. SOIL SHALL BE PROTECTED FROM THE ELEMENTS TO PREVENT FROST ACTION POTENTIAL. TOPSOIL SHOULD BE IMPORTED INTO THE SITE. CARE SHOULD BE TAKEN TO ENSURE SOIL IS AT PROPER MOISTURE CONTENT FOR COMPACTION.

CONTINE CLAY LOAM, 0 TO 1 PERCENT SLOPES. THE SOIL IS ON OLD ALLUVIAL FANS. WATER MOVEMENT IN THE MOST RESTRICTIVE LAYER IS MODERATELY LOW. DEPTH TO A ROOT RESTRICTIVE LAYER IS GREATER THAN 60 INCHES. THIS SOIL HAS A SLIGHT HAZARD OF EROSION AND IS WELL DRAINED. AVAILABLE WATER TO A DEPTH OF 60 INCHES (OR RESTRICTED DEPTH) IS HIGH. SHRINK SWELL POTENTIAL IS HIGH. THIS SOIL IS NOT FLOODED. IT IS NOT PONDED. THERE IS NO ZONE OF WATER SATURATION WITHIN A DEPTH OF 72 INCHES. THIS SOIL BELONGS TO HYDROLOGIC SOIL GROUP C. THIS SOIL DOES NOT MEET HYDRIC CRITERIA.

CONSTRUCTION TECHNIQUES INCLUDE THE USE OF LADDERS IN EXCAVATION, TRENCH BOXES, AND EXCAVATIONS WITH SLOPES NOT CONDUCIVE TO CAVE—INS. PROTECTION SHALL BE USED AROUND CONCRETE AND STEEL TO PREVENT CORROSION. CARE SHOULD BE TAKEN TO STABILIZE SOILS AND PROVIDE SUFFICIENT EROSION AND SEDIMENTATION MEASURES. SLOW PERCOLATION RATES MAY CAUSE WET SATURATED SOILS AND SOIL PIPING, USE CAUTION WHILE MOVING EQUIPMENT AROUND IN SATURATED SOILS. SOIL SHALL BE PROTECTED FROM THE ELEMENTS TO PREVENT FROST ACTION POTENTIAL. TOPSOIL SHOULD BE IMPORTED INTO THE SITE. CARE SHOULD BE TAKEN TO ENSURE SOIL IS AT PROPER MOISTURE CONTENT FOR COMPACTION.

MOHALL LOAM MLRA 40, 0 TO 3 PERCENT SLOPES. THE SOIL IS ON FAN TERRACES, BASIN FLOORS, STREAM TERRACES, BASINS. WATER MOVEMENT IN THE MOST RESTRICTIVE LAYER IS MODERATELY HIGH. DEPTH TO A ROOT RESTRICTIVE LAYER IS GREATER THAN 60 INCHES. THIS SOIL HAS A SLIGHT HAZARD OF EROSION AND IS WELL DRAINED. AVAILABLE WATER TO A DEPTH OF 60 INCHES (OR RESTRICTED DEPTH) IS HIGH. SHRINK SWELL POTENTIAL IS LOW. THIS SOIL IS NOT FLOODED. IT IS NOT PONDED. THERE IS NO ZONE OF WATER SATURATION WITHIN A DEPTH OF 72 INCHES. THIS SOIL BELONGS TO HYDROLOGIC SOIL GROUP C. THIS SOIL DOES NOT MEET HYDRIC CRITERIA.

CONSTRUCTION TECHNIQUES INCLUDE THE USE OF LADDERS IN EXCAVATION, TRENCH BOXES, AND EXCAVATIONS WITH SLOPES NOT CONDUCIVE TO CAVE—INS. PROTECTION SHALL BE USED AROUND CONCRETE AND STEEL TO PREVENT CORROSION. CARE SHOULD BE TAKEN TO STABILIZE SOILS AND PROVIDE SUFFICIENT EROSION AND SEDIMENTATION MEASURES. SLOW PERCOLATION RATES MAY CAUSE WET SATURATED SOILS AND SOIL PIPING, USE CAUTION WHILE MOVING EQUIPMENT AROUND IN SATURATED SOILS. SOIL SHALL BE PROTECTED FROM THE ELEMENTS TO PREVENT FROST ACTION POTENTIAL. TOPSOIL SHOULD BE IMPORTED INTO THE SITE. CARE SHOULD BE TAKEN TO ENSURE SOIL IS AT PROPER MOISTURE CONTENT FOR COMPACTION.

A SEQUENCE OF BMP INSTALLATION AND REMOVAL IN RELATION TO THE SCHEDULING OF EARTH DISTURBANCE ACTIVITIES PRIOR TO, DURING, AND AFTER EARTH DISTURBANCE ACTIVITIES

ANTICIPATED CONSTRUCTION BEGIN DATE: SPRING 2025

- 1. CONTRACTOR AND/OR DEVELOPER SHALL NOTIFY THE ADEQ 7 TO 10 DAYS PRIOR TO THE START OF CONSTRUCTION.
 2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD MARK THE LIMITS OF DISTURBANCE AT THE LOCATIONS INDICATED ON THE
- PLANS.

 3. INSTALL ROCK CONSTRUCTION ENTRANCES/EXITS AT LOCATIONS INDICATED ON THE PLANS.
- 4. CESSATION OF CONSTRUCTION ACTIVITY FOR FOUR OR MORE DAYS REQUIRES TEMPORARY STABILIZATION.
- 5. INSTALL COMPOST FILTER SOCKS DOWNSLOPE OF THE PROPOSED WORK AREA AND INLET PROTECTION IN THE EXISTING INLETS. REFER TO THE PLANS FOR THE LOCATION OF THE COMPOST FILTER SOCKS AND INLET PROTECTION. NO EARTHMOVING OPERATIONS SHALL BEGIN UNTIL ALL COMPOST FILTER SOCK AND INLET PROTECTION HAVE BEEN PROPERLY INSTALLED. NO COMPOST FILTER SOCKS SHALL BE REMOVED UNTIL THE CONTRIBUTORY AREA DRAINING TO A SECTION OF COMPOST FILTER SOCK IS STABILIZED. THE AREA SHALL BE CONSIDERED STABILIZED AS OUTLINED BELOW.
- 6. CLEAR AND GRUB PROJECT AREA. STRIP ALL THE TOPSOIL AND PLACE IN DESIGNATED TOPSOIL STOCKPILE AREA. COMPOST FILTER SOCK SHALL BE PLACED ON THE DOWNSLOPE SIDE OF THE TOPSOIL STOCKPILE AS SHOWN ON THE PLAN. TEMPORARY SEEDING SHALL BE PLACED ON THE TOPSOIL STOCKPILE (REFER TO TEMPORARY SEEDING SPECIFICATIONS). MINIMIZE MOVING AND REPLACING COMPOST FILTER SOCK TO LIMIT DAMAGE TO THE SOCK.
- 7. INSTALL CONCRETE WASHOUT.
- 8. BEGIN EARTHWORK OPERATIONS TO BRING THE SITE TO THE REQUIRED ELEVATIONS.
- 9. BEGIN CONSTRUCTION OF THE RETENTION BASIN.
- 10. BEGIN CONSTRUCTION OF THE TRUCKING TERMINAL FACILITY AND MAINTENANCE SHOP.

 11. INSTALL NEW STORM SEWERS AS INDICATED ON THE PLANS ANY NEWLY INSTALLED INLET SHALL
- 11. INSTALL NEW STORM SEWERS AS INDICATED ON THE PLANS. ANY NEWLY INSTALLED INLET SHALL RECEIVE SILT SACK INLET PROTECTION WITHIN 8 HOURS OF THE INLET BEING PLACED. NO INLET PROTECTION SHALL BE REMOVED UNTIL THE CONTRIBUTORY AREA DRAINING TO A SECTION OF INLET PROTECTION IS STABILIZED. THE AREA SHALL BE CONSIDERED STABILIZED AS OUTLINED BELOW.
- 12. INSTALL UTILITY SERVICE LATERALS.
- 13. BEGIN CONSTRUCTION OF THE PAVEMENT AREAS AFTER ALL STORM SEWERS AND UTILITIES HAVE BEEN INSTALLED. AS SOON AS PRACTICAL, AFTER AREAS TO BE PAVED HAVE REACHED SUBGRADE ELEVATION, PLACE STONE SUBBASE. THESE AREAS SHALL BE CONSIDERED STABILIZED ONCE THE SUBBASE HAS BEEN INSTALLED.
- 14. COMPLETE CONSTRUCTION OF THE TRUCK TERMINAL FACILITY AND MAINTENANCE SHOP.
- 15. COMPLETE LANDSCAPING.
- 16. SPREAD TOPSOIL OVER ALL DISTURBED AREAS NOT TO BE PAVED. SEED IN ACCORDANCE WITH PERMANENT SEEDING SPECIFICATIONS.

 17. REMOVE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES ONCE PERMANENT MEASURES ARE ESTABLISHED.

 PERMANENT CONTROL IS CONSIDERED ACHIEVED WHEN ROADWAYS ARE PAVED AND A 70% UNIFORM PERENNIAL VEGETATIVE COVER IS ESTABLISHED ON ALL SEEDED AREAS. ALL TEMPORARY EROSION AND SEDIMENTATION PLAN CONTROLS ARE TO BE ASSESSED/INSPECTED BY A LICENSED PROFESSIONAL TO VERIFY THAT SUFFICIENT VEGETAL COVER HAS BEEN ATTAINED PRIOR TO THE REMOVAL OR CONVERSION OF EROSION AND SEDIMENTATION PLAN CONTROLS. ANY AREAS DISTURBED DURING THE REMOVAL
- 18. FINAL CLEANUP OF PROJECT SITE THE CONTRACTOR SHALL DISPOSE OF ALL WASTE MATERIAL OFF SITE IN A LAWFUL MANNER.

ANTICIPATED CONSTRUCTION COMPLETION DATE: SPRING 2026

OF THE TEMPORARY CONTROLS SHALL BE REPAIRED WITHIN 8 HOURS.



ENGINEERIN AZ #: 13460-0

Headquarters:
1407 Scalp Avenue
Johnstown, PA 15904
814-269-9300
www.hflenz.com

Consultants:

Seal:

Project Identification:

SAIA MOTOR FREIGHT LINE, LLC

PROPOSED
TRUCKING FREIGHT
FACILITY

E PECOS ROAD, CITY OF MESA, MARICOPA COUNTY, ARIZONA

No.:	Date:	Description:

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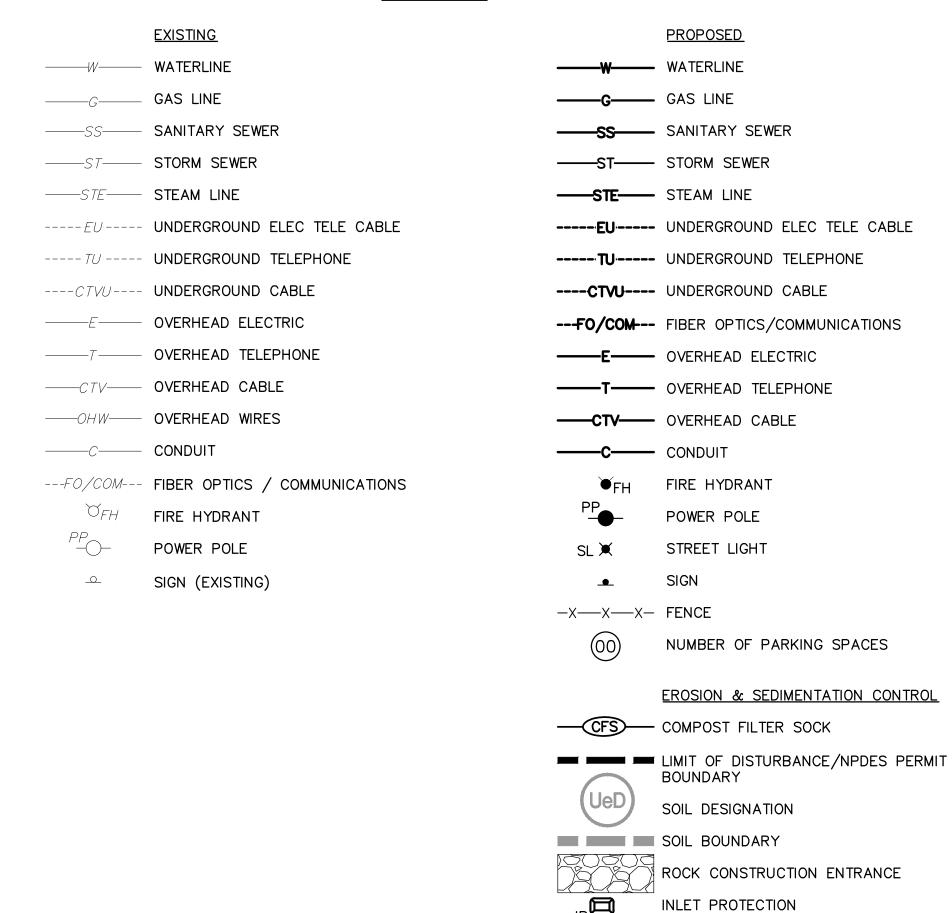
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EROSION AND SEDIMENTATION CONTROL MAINTENANCE SCHEDULE

CONTROL	INCDECT	DDODLEVO TO	חטפטוחו ב חבו ובחובס
CONTROL MEASURE	INSPECT	PROBLEMS TO LOOK FOR	POSSIBLE REMEDIES
VEGETATION	ONCE A WEEK AND AFTER EVERY	SEDIMENT AT TOE OF SLOPE	CHECK FOR TOP-OF-SLOPE DIVERSION AND INSTALL IF NEEDEL
	STORM/SNOW MELT RUNOFF EVENT	RILLS AND GULLIES FORMING	FILL RILLS AND REGRADE GULLIED SLOPES
		BARE SOIL PATCHES	RESEED, FERTILIZE AND MULCH BA
		EROSION OF CHANNEL LINING	RESEED, MULCH, AND ANCHOR WIT NETTING, OR INSTALL CHECK DAMS
ROCK CONSTRUCTION		SINK HOLES OR RUTS	ADD ROCK TO BRING TO SPECIFIED DIMENSIONS
ENTRANCES	STORM/SNOW MELT RUNOFF EVENT	SEDIMENT ON PUBLIC AND PRIVATE ROADWAYS	SWEEP MATERIAL BACK TO PROJECT SITE. DO NOT WASH ROADWAY WITH WATER.
SILT SACK INLET	AFTER EVERY	SEDIMENT ACCUMULATION	REMOVE SEDIMENT AND DISPOSE ON SITE
PROTECTION	STORM/SNOW MELT RUNOFF EVENT	RUNOFF ESCAPING AROUND INLET	REMOVE SEDIMENT AND DISPOSE ON SITE — REBUILD BARRIER
		RUNOFF ESCAPING THROUGH OPEN THROAT OF PADOT TYPE "C" TOP	PLACE ADDITIONAL SAND BAGS, WEIGHTED SEDIMENT FILTER TUBE, OR SEDIMENT
			LOGS TO DIRECT RUNOFF INTO THE OPEN GRATE
FILTER SOCK	ONCE A WEEK AND AFTER EVERY STORM/SNOW MELT RUNOFF EVENT	UNDERCUTTING OF SOCK SOCK COLLAPSING	ADD SECTION OF SOCK REPLACE WITH PYRAMID OF SOCKS
	RUNOFF EVENT	TORN SOCK	REPLACE WITH CONTINUOUS NEW RO FROM POST TO POST. SECURELY AND WITH PROPER STAPLES
		RUNOFF ESCAPING AROUND SOCK	EXTEND SOCK
		SEDIMENT LEVEL NEAR TOP OF SOCK	REMOVE SEDIMENT WHEN LEVEL REA
PUMPED WATER FILTER BAG	DAILY AND AFTER EVERY STORM/SNOW MELT RUNOFF EVENT	TORN OR DAMAGED FILTER BAG	REPLACE BAG WITH A NEW PUMPED WATER FILTER BAG. A REPLACEMENT FILTER BAG SHOULD BE AVAILABLE ON SITE AT ALL TIMES.
		FILTER BAG FULL OF SEDIMENT	REPLACE BAG WITH A NEW PUMPED WATER FILTER BAG. A REPLACEMENT FILTER BAG SHOULD BE AVAILABLE ON SITE AT ALL TIMES.
		RUNOFF FROM FILTER BAG CREATING EROSION	PLACE FILTER BAG IN A STABILIZED AREA TO PREVENT ADDITIONAL EROSION FORMING FROM DISCHARG LOCATION.
CONCRETE WASHOUT	DAILY AND AFTER EVERY STORM/SNOW MELT	DAMAGED OR LEAKING WASHOUTS	CONCRETE WASHOUT SHALL BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY
	RUNOFF EVENT	CONCRETE WASHOUT FULL OF MATERIAL	MATERIALS INSIDE CONCRETE WASHOUT SHALL BE REMOVED WHI 75% OF CAPACITY IS REACHED
		PLASTIC LINER TORN	PLASTIC LINERS SHALL BE REPLACE WITH EACH CLEANING OF THE WAS FACILITY
RIPRAP APRONS	ONCE A WEEK AND AFTER EVERY	DISPLACED ROCK	REPLACE DISPLACED ROCK IMMEDI
<u></u>		SEDIMENT ACCUMULATION	CLEAN AND DISPOSE OF SEDIMENT IN A LAWFUL MANNER
EROSION CONTROL	AFTER EVERY	TORN OR COMPROMISED BLANKET	REPLACE WITH A NEW PIECE OF E AND RESEED AND MULCH IF NEED
BLANKET	STORM/SNOW MELT RUNOFF EVENT	RILLS AND GULLIES FORMING UNDER BLANKET	FILL RILLS AND REGRADE GULLIED SLOPES. REPLACE EROSION CONTR

BLANKET AFTER CORRECTION

LEGEND



世 H.F. LENZ

ENGINEERING

Headquarters:

814-269-9300

Consultants:

www.hflenz.com

1407 Scalp Avenue

Johnstown, PA 15904

AZ #: 13460-0

Project Identification:

SAIA MOTOR FREIGHT LINE, LLC

PROPOSED TRUCKING FREIGHT **FACILITY**

E PECOS ROAD, CITY OF MESA, MARICOPA COUNTY, **ARIZONA**

No.: Date: Description:

Sheet Title: **EROSION AND** SEDIMENTATION CONTROL **PLAN DETAILS**

Project No.: 2023-0302.01 Cadd File: ES3.00.dwg Drawn By: Checked By: 05/17/2024 Copyright: C 2024 H.F. LENZ COMPANY

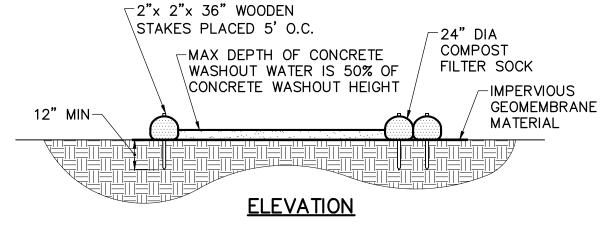
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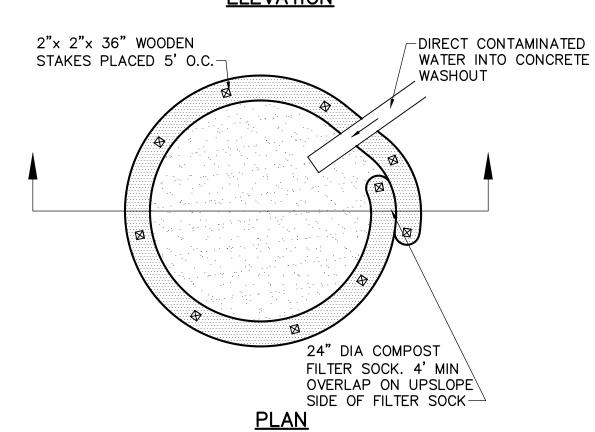
• INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE.

• 18" DIA FILTER SOCK MAY BE STACKED ONTO DOUBLE 24" DIA

SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT. CONCRETE WASHOUT MAY BE DIRECT SEEDED AT THE TIME OF INSTALLATION.

 A SUITABLE IMPERVIOUS GEOMEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCK.





COMPOST FILTER SOCK **CONCRETE WASHOUT** NOT TO SCALE

SYMBOL AND ABBREVIATION SCHEDULE

AC	ACRE	ELEC	ELECTRIC	PUB	PUBLICATION
AC	AIR CONDITIONER	ЕМН	ELECTRIC MANHOLE	PSI	POUNDS PER SQUARE INCH
ADOT	ARIZONA DEPARTMENT OF	EM	ELECTRIC METER	PP	POWER POLE
	TRANSPORTATION	EL/ELEV	ELEVATION	PVC	POLYVINYL CHLORIDE
AASHTO	AMERICAN ASSOCIATION OF STATE	EQ	EQUAL	ዊ	PROPERTY LINE
	HIGHWAYS AND TRANSPORTATION	EXP	EXPANSION	R	RADIUS
	OFFICIALS	EX	EXISTING	REINF	REINFORCEMENT
ACI	AMERICAN CONCRETE TRANSPORTATION	FFE	FINISH FLOOR ELEVATION	RCP	REINFORCED CONCRETE PIPE
	OFFICIALS	FH	FIRE HYDRANT	R/W	RIGHT-OF-WAY
ASTM	AMERICAN SOCIETY FOR TESTING AND	GM	GAS METER	SCH	SCHEDULE
	MATERIALS	GV	GAS VALVE	SEC	SECTION
0	AT	HP	HIGH POINT	SEG	SEGMENT
Ð	BASELINE	HORIZ	HORIZONTAL	SLCPP	SMOOTH LINED CORRUGATED PLASTIC PIPE
BC	BOTTOM OF CURB	INC	INCORPORATED	STA	STATION
BW	BOTTOM OF WALL	INV	INVERT	SR	STATE ROUTE
BY/4"	BROKEN YELLOW PAVEMENT LINE/WIDTH	LP	LIGHT POLE	ST	STREET
BLDG	BUILDING	МН	MANHOLE	SRL	SKID RESISTANCE LEVEL
Q.	CENTERLINE	MAX	MAXIMUM	S	SOUTH
cc c/c	CENTER TO CENTER	MIN	MINIMUM	SF	SQUARE FEET
CLR	CLEAR	MPH	MILES PER HOUR	SY	SQUARE YARD
CONC	CONCRETE	N	NORTH	TC	TOP OF CURB
CONSTR	CONSTRUCTION	NPDES	NATIONAL POLLUTANT DISCHARGE	TW	TOP OF WALL
CMP	CORRUGATED METAL PIPE		ELIMINATION SYSTEM	XF	TRANSFORMER
CPP	CORRUGATED POLYETHYLENE PIPE	No/#	NUMBER	TYP	TYPICAL
DIA	DIAMETER	PM	PARKING METER	WM	WATER METER
DI	DUCTILE IRON	OC	ON CENTER	WV	WATER VALVE
EOB	EDGE OF BERM	PERF	PERFORATED	WWF	WELDED WIRE FABRIC
EOP	EDGE OF PAVEMENT	PE	POLYETHYLENE	W/4"	WHITE PAVEMENT LINE/WIDTH

-MOUNTABLE

EXISTING

ROADWAY

-EARTH FILL

50' MIN

MIN 8"

PROFILE

PLAN VIEW

ENTRANCE. EXTEND ROCK OVER FULL WIDTH OF ENTRANCE.

PIPE IS USED AND PROPER PIPE COVER AS SPECIFIED BY

APPROPRIATELY FOR SIZE OF DITCH BEING CROSSED.

COURSES IS NOT ACCEPTABLE.

RUNOFF SHALL BE DIVERTED FROM ROADWAY TO A SUITABLE

REMOVE TOPSOIL PRIOR TO INSTALLATION OF ROCK CONSTRUCTION

SEDIMENT REMOVAL BMP PRIOR TO ENTERING ROCK CONSTRUCTION

MOUNTABLE BERM SHALL BE INSTALLED WHERE OPTIONAL CULVERT

MANUFACTURER IS NOT OTHERWISE PROVIDED. PIPE SHALL BE SIZED

MAINTENANCE: ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING

ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. ALL SEDIMENT DEPOSITED ON PAVED ROADWAY SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE IMMEDIATELY.

IF EXCESSIVE AMOUNTS OF SEDIMENT ARE BEING DEPOSITED ON ROADWAY, EXTEND LENGTH OF ROCK CONSTRUCTION ENTRANCE BY

50 FOOT INCREMENTS UNTIL CONDITION IS ALLEVIATED OR INSTALL WASH RACK. WASHING THE ROADWAY OR SWEEPING THE DEPOSITS

INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE

ROCK CONSTRUCTION ENTRANCE

AASHTO #1

EXISTING

GROUND-

ENTRANCE.

GEOTEXTILE —

BERM (6" MIN) *

-PIPE AS NECESSARY

PIPE

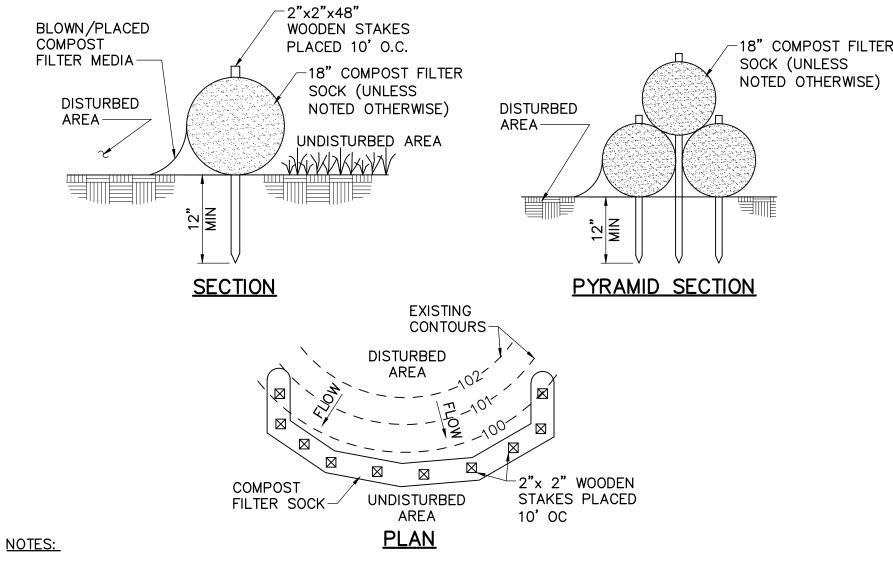
ROADWAY

* MOUNTABLE BERM

USED TO PROVIDE PROPER COVER FOR

TABLE 4.1							
COMPOST SOCK FABRIC MINIMUM SPECIFICATIONS							
MATERIAL TYPE	3 mil HDPE	5 mil HDPE	5 mil HDPE	MULTI-FILAMENT POLYPROPYLENE (MFPP)	HEAVY DUTY MULTI-FILAMENT POLYPROPYLENE (HDMFPP)		
MATERIAL CHARACTERISTICS	PHOTO- DEGRADABLE	PHOTO- DEGRADABLE	BIO- DEGRADABLE	PHOTO- DEGRADABLE	PHOTO- DEGRADABLE		
SOCK DIAMETERS		12"	12"	12"	12"		
	12"	18"	18"	18"	18"		
	18"	24"	24"	24"	24"		
		32"	32"	32"	32"		
MESH OPENING	3/8"	3/8"	3/8"	3/8"	1/8"		
TENSILE STRENGTH		26 psi	26 psi	44 psi	202 psi		
ULTRAVIOLET STABILITY % ORIGINAL STRENGTH (ASTM G-155)	23% AT 1000 HR.	23% AT 1000 HR.		100% AT 1000 HR.	100% AT 1000 HR.		
MINIMUM FUNCTIONAL LONGEVITY	6 MONTHS	9 MONTHS	6 MONTHS	1 YEAR	2 YEARS		
		TWO-PLY S	SYSTEMS				
			HDPE BIAXIAL NET				
INNED CO		FTINIC	C	CONTINUOUSLY WO	UND		
INNER CO	ONTAINMENT NE	TIING	FUSION-WELDED JUNCTURES				
			3/4" X	3/4" MAX. APER	TURE SIZE		
OUTER	FILTRATION ME	SH	COMPOSITE POLYPROPYLENE FABRIC (WOVEN LAYER AND NON-WOVEN FLEECE MECHANICALLY FUSED VIA NEEDLE PUNCH)				
			3/1	6" MAX. APERTUR	RE SIZE		
SOCK FABRICS COM	MPOSED OF BUR	LAP MAY BE US	SED ON PROJEC	CTS LASTING 6 MG	ONTHS OR LESS.		

TABLI	TABLE 4.2					
COMPOST S	STANDARDS					
ORGANIC MATTER CONTENT	80% - 100% (DRY WEIGHT BASIS)					
ORGANIC PORTION	FIBROUS AND ELONGATED					
рН	5.5 - 8.0					
MOISTURE CONTEN	T 35% – 55%					
PARTICLE SIZE	98% PASS THROUGH 1" SCREEN					
SOLUBLE SALT CONCENTRATION	5.0 dS/m (mmhos/cm) MAXIMUM					



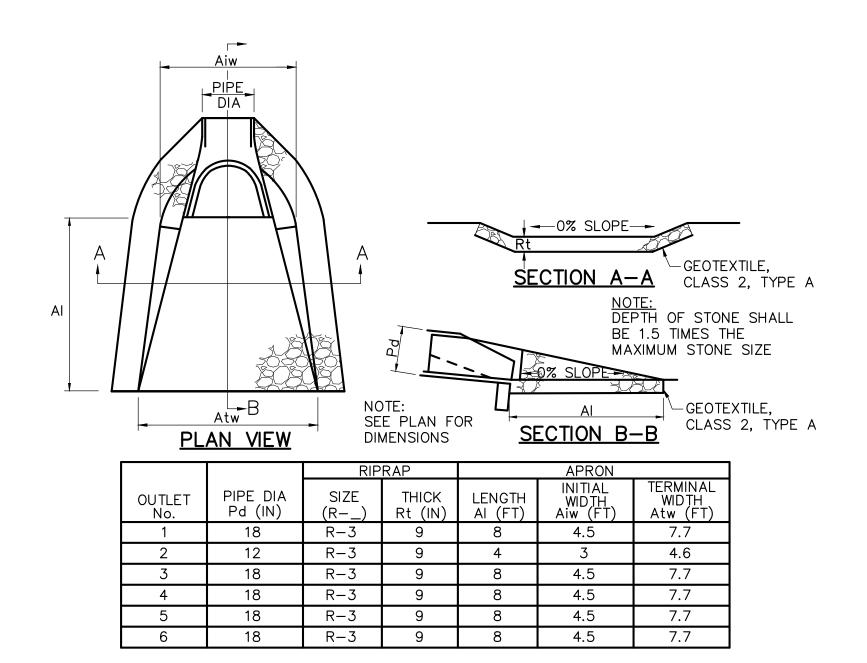
- SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1. COMPOST SHALL MEET THE STANDARDS OF
- COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF FILTER SOCK SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT. STAKES MAY BE INSTALLED IMMEDIATELY DOWNSLOPE OF THE SOCK IF SO SPECIFIED BY THE MANUFACTURER.
- TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.

С

- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE SOCK AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN
- SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
- BIODEGRADABLE FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.
- STAKES SPACED AT 10' MAXIMUM. USE 2"x 2" WOOD OR EQUIVALENT STEEL STAKES.

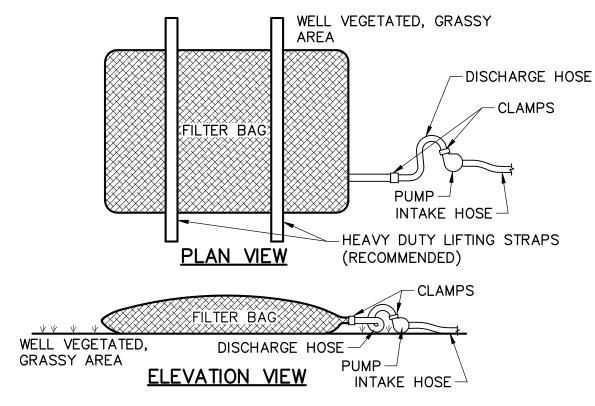
COMPOST FILTER SOCK

NOT TO SCALE



- ALL APRONS SHALL BE CONSTRUCTED TO THE DIMENSIONS SHOWN. TERMINAL WIDTHS SHALL BE ADJUSTED AS NECESSARY TO MATCH RECEIVING CHANNELS.
- ALL APRONS SHALL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH RUNOFF EVENT. DISPLACED RIPRAP WITHIN THE APRON SHALL BE REPLACED IMMEDIATELY.

ROCK APRON DETAIL



LOW VOLUME FILTER BAGS SHALL BE MADE FORM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS. HIGH VOLUME FILTER BAGS SHALL BE MADE FROM WOVEN GEOTEXTILES THAT MEET THE FOLLOWING STANDARDS:

TEST METHOD	MINIMUM STANDARD
ASTM D-4884	60 LB/IN
ASTM D-4632	205 LB
ASTM D-4833	110 LB
ASTM D-3786	350 PSI
ASTM D-4355	70%
ASTM D-4751	80 SIEVE
	ASTM D-4884 ASTM D-4632 ASTM D-4833 ASTM D-3786 ASTM D-4355

A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES SHALL BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME FULL OF SEDIMENT. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. BAGS SHALL BE PLACED ON STRAPS TO FACILITATE REMOVAL UNLESS BAGS COME WITH LIFTING STRAPS ALREADY ATTACHED.

BAGS SHALL BE LOCATED IN WELL-VEGETATED (GRASSY) AREA, AND DISCHARGE ONTO STABLE, EROSION RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE DISCHARGE CAPACITY. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5%. FOR SLOPES EXCEEDING 5%, CLEAN ROCK OR OTHER NON-ERODIBLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS.

NO DOWNSLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST INSTALLATIONS. COMPOST BERM OR COMPOST FILTER SOCK SHALL BE INSTALLED BELOW BAGS LOCATED IN HQ OR EV WATERSHEDS, WITHIN 50 FEET OF ANY RECEIVING SURFACE WATER OR WHERE GRASSY AREA IS NOT AVAILABLE.

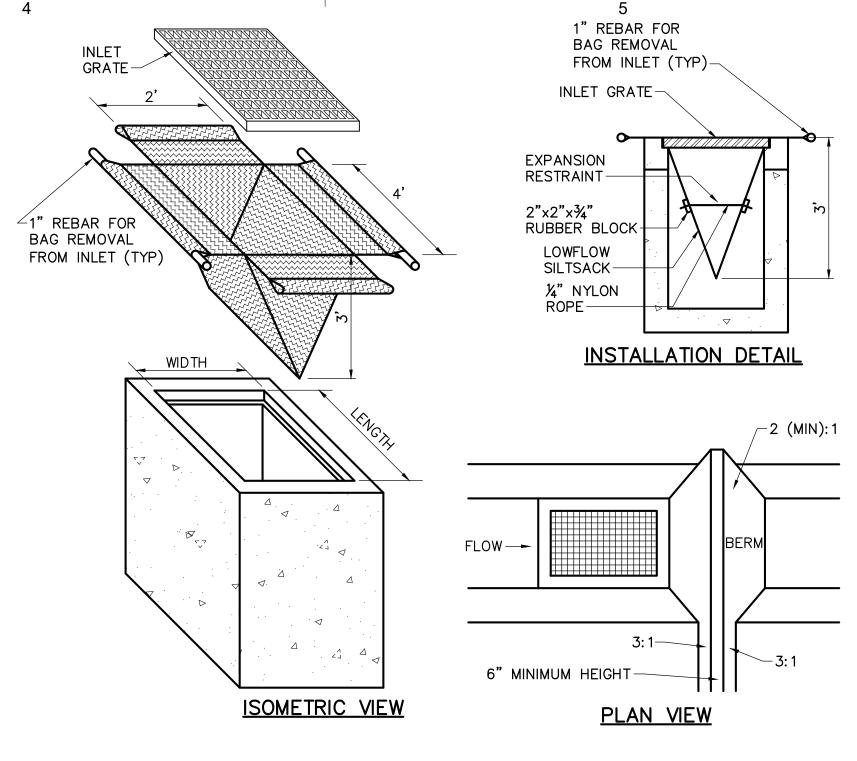
THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED. A PIECE OF PVC PIPE IS RECOMMENDED FOR THIS PURPOSE.

THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR ½ THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHALL BE FLOATING AND SCREENED.

FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEM IS DETECTED, PUMPING SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL THE PROBLEM IS CORRECTED.

PUMPED WATER FILTER BAG

NOT TO SCALE



ELEVATION VIEW

• MAXIMUM DRAINAGE AREA = 1/2 ACRE.

- INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.
- ROLLED EARTHEN BERM SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM ON ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. EARTHEN BERM IN CHANNEL SHALL BE MAINTAINED UNTIL PERMANENT STABILIZATION IS COMPLETED OR REMAIN PERMANENTLY.
- AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS, A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A No. 40 SIEVE.
- INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE OF ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.
- DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

FILTER BAG INLET PROTECTION DETAIL

NOT TO SCALE

Project Identification:
SAIA MOTOR

世 H.F. LENZ

AZ #: 13460-0

Headquarters: 1407 Scalp Avenue Johnstown, PA 15904 814-269-9300 www.hflenz.com

Consultants:

PROPOSED
TRUCKING FREIGHT

FREIGHT LINE, LLC

FACILITY

E PECOS ROAD, CITY OF MESA, MARICOPA COUNTY, ARIZONA

No.:	Date:	Description:

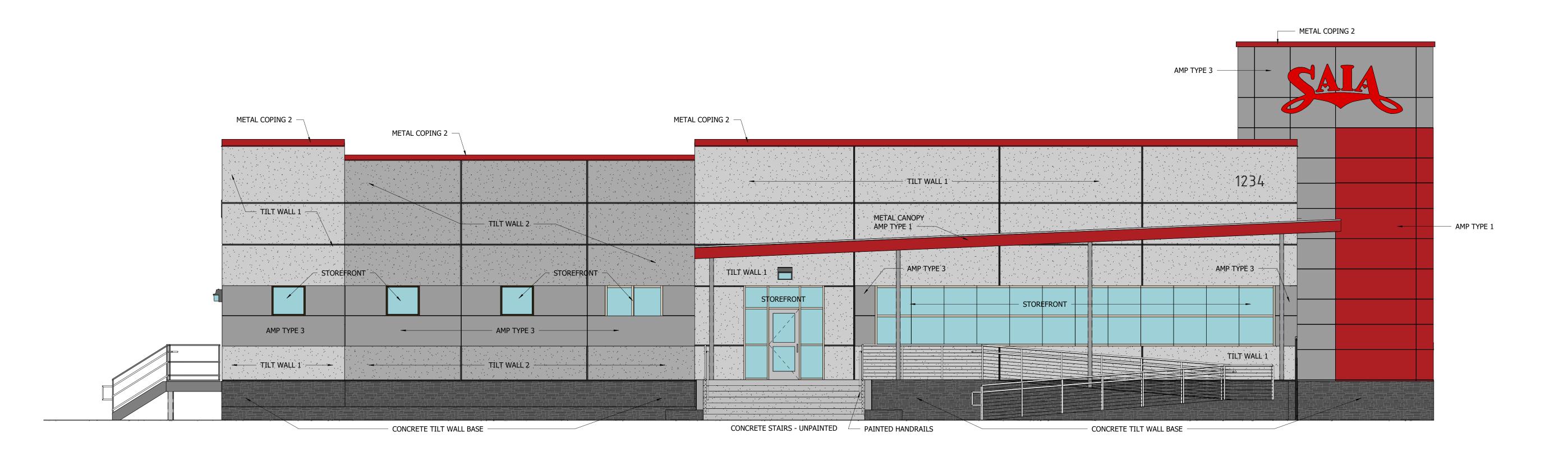
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PLAN DETAILS

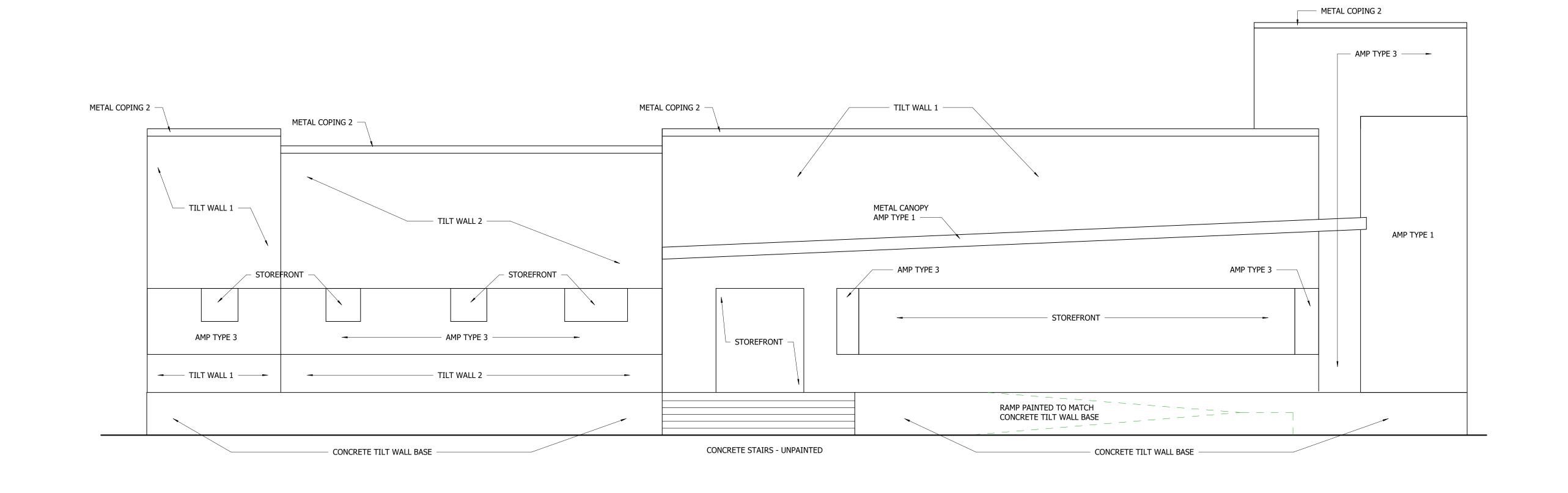
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	Date:		05/17/2024
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FACADE FINISH COLORS

OFFICE:

OFI

TYPE 1 ARCHITECTURAL METAL WALL PANEL (AMP)
PREFINISHED METAL PANEL

COLOR TO MATCH ALPOLIC ACM - TOR RED.

TYPE 3 ARCHITECTURAL METAL WALL PANEL (AMP)
PREFINISHED METAL WALL PANEL
COLOR TO MATCH APOLIC ACM - RIVER ROCK GREY

CONCRETE TILT WALL 1

SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7017 DORIAN GRAY

CONCRETE TILT WALL 2

CONCRETE TILT WALL 2
SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM
TEXTURE COLOR: SW7019 GAUNTLET GRAY

CONCRETE TILT WALL BASE

FORM MOLDED "STACKED STONE" FROM GRADE TO FINISH FLOOR PAINTED SHERWIN WILLIAMS EXTERIOR LATEX

ULTRACRETE MEDIUM TEXTURE COLOR: SW7069 IRON ORE

CONCRETE STAIRS, RAMPS, AND LANDINGS

UNPAINTED EXPOSED CONCRETE, SURFACE TO HAVE BROOM

FINISH

METAL COPING 2

PREFINISHED METAL COPING

COLOR TO MATCH TYPE 1 ARCHITECTURAL METAL WALL PANEL.

STOREFRONT GLAZING SYSTEMS
THERMALLY BROKEN GLAZING SYSTEM

COLOR: CLEAR ANODIZED ALUMINUM

INSULATING GLASS
PPG ARCHITECTURAL GLASS

ATLANTICA + SOLARBAN 60 (3) CLEAR

INSULATED STEEL (MAN) DOORS

PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY"

GUARDRAILS AND HANDRAILS AT OFFICE

SHERWIN WILLIAMS HIGH SOLIDS POLYURETHANE - GLOSS
FINISH - COLOR: SW7019 GAUNTLET GRAY

EXPOSED STEEL COLUMNS AT OFFICE

SHERWIN WILLIAMS HIGH SOLIDS POLYURETHANE - GLOSS FINISH - COLOR: SW7019 GAUNTLET GRAY

TERMINAL AND SHOP:

CONCRETE TILT WAL

SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7019 GAUNTLET GRAY

CONCRETE BUTTRESS

SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7069 IRON ORE

FLUSH SEAM METAL PANEL 1
PREFINISHED 22 GAUGE METAL WALL PANEL

COLOR TO MATCH BERRIDGE "CITYSCAPE"

FLUSH SEAM METAL PANEL 2
PREFINISHED 22 GAUGE METAL WALL PANEL

COLOR TO MATCH BERRIDGE "ZINC GREY"

FASCIA & DRIP EDGE TRIM

PREFINISHED METAL TRIM SYSTEM
COLOR TO MATCH BERRIDGE "ZINC GRE

COLOR TO MATCH BERRIDGE "ZINC GREY".

OVERHEAD STEEL DOORS – DOCK
PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY"

INSULATED STEEL (MAN) DOORS
PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY"

THE INISHED, STANDARD COLOR SIEHOUETTE GI

EXTERIOR LOUVERS

CLEAR ANOZIDED METAL FINISH

FACADE FINISH CALCULATION	3,488 Sq.Ft.
TYPE 1 ARCHITECTURAL METAL WALL PANEL (AMP)	312 Sq.Ft. = (8.95) 9 %
TYPE 3 ARCHITECTURAL METAL WALL PANEL (AMP)	517 Sq.Ft. = (14.82) 15 %
CONCRETE TILT WALL 1	1,198 Sq.Ft. = (34.34) 34 %
CONCRETE TILT WALL 2	549 Sq.Ft. = (15.74) 16 %
CONCRETE TILT WALL BASE	401 Sq.Ft. = (11.50) 12 %
CONCRETE STAIRS	69 Sq.Ft. = (1.98) 2 %
METAL COPING 2	81 Sq.Ft. = (2.32) 2 %
STOREFRONT GLAZING SYSTEMS	361 Sq.Ft. = (10.35) 10 %
EXPOSED STEEL COLUMNS AT OFFICE	(28 Sq.Ft. LESS THAN 1 %)
METAL PANELS AND COPING 26%	TOTAL 100%
CONCRETE 64%	
STOREFRONT 10%	

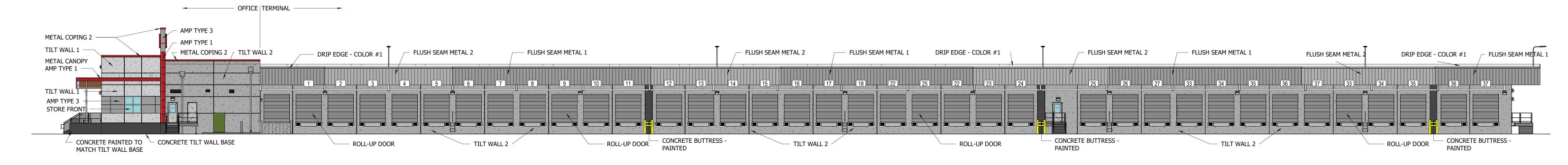
SAIA LTL FREIGHT LINE

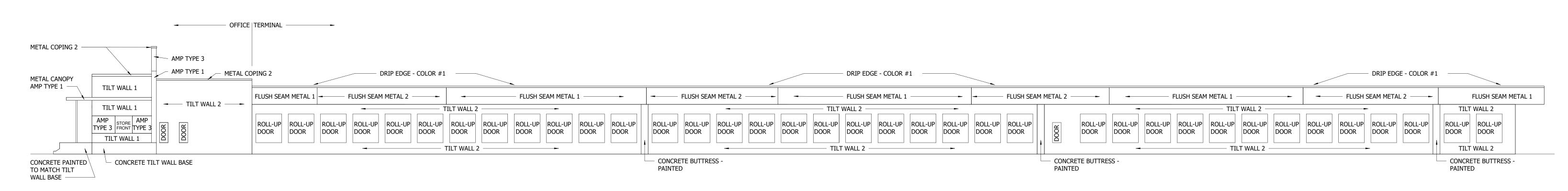


SAIA LTL FREIGHT SAIA LTL FREIGHT - MESA, AZ PROPOSED SHOP OFFICE (FRONT) NORTH FACADE FINISH CALCULATIONS

www.theMDGIIc.com

DMA





FACADE FINISH CALCULATION	1,574	Sq.Ft.	FACADE FINISH CAL	CULATION	10,499	Sq.Ft.	FACADE FINISH COMBINED	12,07
OFFICE:			TERMINAL:				CONCRETE TILT WALL 1	332 Sq.
CONCRETE TILT WALL 1	332 Sq.Ft. =	21 %	CONCRETE TILT WALL 2		4,154 Sq.Ft. =	40 %	CONCRETE TILT WALL 2	4,968 Sq.
CONCRETE TILT WALL 2	814 Sq.Ft. =	52 %	CONCRETE BUTTRESS		129 Sq.Ft. =	1 %	CONCRETE TILT WALL BASE	137 Sq.
CONCRETE TILT WALL BASE, (incl. PAINTED CONC.)	137 Sq.Ft. =	9 %	FLUSH SEAM METAL PANEL 1		1,549 Sq.Ft. =	15 %	CONCRETE BUTTRESS	129 Sq.
TYPE 1 ARCHITECTURAL METAL WALL PANEL (AMP)	74 Sq.Ft. =	5 %	FLUSH SEAM METAL PANEL 2		1,091 Sq.Ft. =	10 %	TYPE 1 ARCHITECTURAL METAL WALL PANEL (AMP)	74 Sq.
TYPE 3 ARCHITECTURAL METAL WALL PANEL (AMP)	103 Sq.Ft. =	6 %	OVERHEAD STEEL DOORS – DOCK		3,330 Sq.Ft. =	32 %	TYPE 3 ARCHITECTURAL METAL WALL PANEL (AMP)	103 Sq.
METAL COPING 2	35 Sq.Ft. =	2 %	INSULATED STEEL (MAN) DOORS		21 Sq.Ft. =	(<1 %)	FLUSH SEAM METAL PANEL 1	1,549 Sq.
STOREFRONT GLAZING SYSTEMS	37 Sq.Ft. =	2 %	DRIP EDGE TRIM		225 Sq.Ft. =	2 %	FLUSH SEAM METAL PANEL 2	1,091 Sq.
INSULATED STEEL (MAN) DOORS	42 Sq.Ft. =	3 %					OVERHEAD STEEL DOORS – DOCK	3,330 Sq.
METAL PANELS AND COPING 13 %	TOTAL	100%	METAL PANELS AND COPING	27 %	TOTAL	100%	STOREFRONT	37 Sq.l
CONCRETE (PAINTED) 82 %			CONCRETE (PAINTED)	41 %			INSULATED STEEL (MAN) DOORS	63 Sa
STOREFRONT 2 %			DOORS	<u>32 %</u>			INSULATED STEEL (MAN) DOORS	63 Sq.l
<u>DOORS</u> 3 %							COPING & DRIP EDGE TRIM	260 Sq.
							CONCRETE (PAINTED) 46 %	TOTAL
							METAL PANELS AND COPING 26 %	
								1

FACADE FINISH COMBINED	12,073 Sc	γ.Ft.
ONCRETE TILT WALL 1	332 Sq.Ft. =	3 %
ONCRETE TILT WALL 2	4,968 Sq.Ft. =	41 %
ONCRETE TILT WALL BASE	137 Sq.Ft. =	1 %
ONCRETE BUTTRESS	129 Sq.Ft. =	1 %
YPE 1 ARCHITECTURAL METAL WALL PANEL (AMP)	74 Sq.Ft. =	1 %
YPE 3 ARCHITECTURAL METAL WALL PANEL (AMP)	103 Sq.Ft. =	1 %
LUSH SEAM METAL PANEL 1	1,549 Sq.Ft. =	13 %
LUSH SEAM METAL PANEL 2	1,091 Sq.Ft. =	9 %
OVERHEAD STEEL DOORS – DOCK	3,330 Sq.Ft. =	28 %
<u>TOREFRONT</u>	37 Sq.Ft. =	(<1 %)
NSULATED STEEL (MAN) DOORS	63 Sq.Ft. =	(<1 %)
OPING & DRIP EDGE TRIM	260 Sq.Ft. =	2 %
ONCRETE (PAINTED) 46 %	TOTAL	100%
IETAL PANELS AND COPING 26 %		
TOREFRONT (<1 %)		
OORS 28 %		
YPE 1 ARCHITECTURAL METAL WALL PANEL (AMP) YPE 3 ARCHITECTURAL METAL WALL PANEL (AMP) LUSH SEAM METAL PANEL 1 LUSH SEAM METAL PANEL 2 EVERHEAD STEEL DOORS – DOCK TOREFRONT NSULATED STEEL (MAN) DOORS OPING & DRIP EDGE TRIM ONCRETE (PAINTED) 46 % IETAL PANELS AND COPING 26 % TOREFRONT (<1 %)	74 Sq.Ft. = 103 Sq.Ft. = 1,549 Sq.Ft. = 1,091 Sq.Ft. = 3,330 Sq.Ft. = 37 Sq.Ft. = 63 Sq.Ft. = 260 Sq.Ft. =	1 % 1 % 13 % 9 % 28 % (<1 %) (<1 %)

FACADE FINISH COLORS

OFFICE:

TYPE 1 ARCHITECTURAL METAL WALL PANEL (AMP)

PREFINISHED METAL PANEL COLOR TO MATCH ALPOLIC ACM - TOR RED.

TYPE 3 ARCHITECTURAL METAL WALL PANEL (AMP) PREFINISHED METAL WALL PANEL

COLOR TO MATCH APOLIC ACM - RIVER ROCK GREY

CONCRETE TILT WALL 1 SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM

TEXTURE COLOR: SW7017 DORIAN GRAY

CONCRETE TILT WALL 2
SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7019 GAUNTLET GRAY

CONCRETE TILT WALL BASE FORM MOLDED "STACKED STONE" FROM GRADE TO FINISH

FLOOR PAINTED SHERWIN WILLIAMS EXTERIOR LATEX

ULTRACRETE MEDIUM TEXTURE COLOR: SW7069 IRON ORE

CONCRETE STAIRS, RAMPS, AND LANDINGS UNPAINTED EXPOSED CONCRETE, SURFACE TO HAVE BROOM

METAL COPING 2

PREFINISHED METAL COPING

COLOR TO MATCH TYPE 1 ARCHITECTURAL METAL WALL

STOREFRONT GLAZING SYSTEMS THERMALLY BROKEN GLAZING SYSTEM

COLOR: CLEAR ANODIZED ALUMINUM

INSULATING GLASS

PPG ARCHITECTURAL GLASS ATLANTICA + SOLARBAN 60 (3) CLEAR

INSULATED STEEL (MAN) DOORS PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY"

GUARDRAILS AND HANDRAILS AT OFFICE
SHERWIN WILLIAMS HIGH SOLIDS POLYURETHANE - GLOSS FINISH - COLOR: SW7019 GAUNTLET GRAY

EXPOSED STEEL COLUMNS AT OFFICE

SHERWIN WILLIAMS HIGH SOLIDS POLYURETHANE - GLOSS FINISH - COLOR: SW7019 GAUNTLET GRAY

CONCRETE BUTTRESS SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7069 IRON ORE **FLUSH SEAM METAL PANEL 1** PREFINISHED 22 GAUGE METAL WALL PANEL COLOR TO MATCH BERRIDGE "CITYSCAPE"

TEXTURE COLOR: SW7019 GAUNTLET GRAY

SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM

TERMINAL AND SHOP:

CONCRETE TILT WALL 2

FLUSH SEAM METAL PANEL 2
PREFINISHED 22 GAUGE METAL WALL PANEL COLOR TO MATCH BERRIDGE "ZINC GREY" **FASCIA & DRIP EDGE TRIM**

PREFINISHED METAL TRIM SYSTEM COLOR TO MATCH BERRIDGE "ZINC GREY".

PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY" **INSULATED STEEL (MAN) DOORS**

PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY"

EXTERIOR LOUVERS CLEAR ANOZIDED METAL FINISH

OVERHEAD STEEL DOORS – DOCK

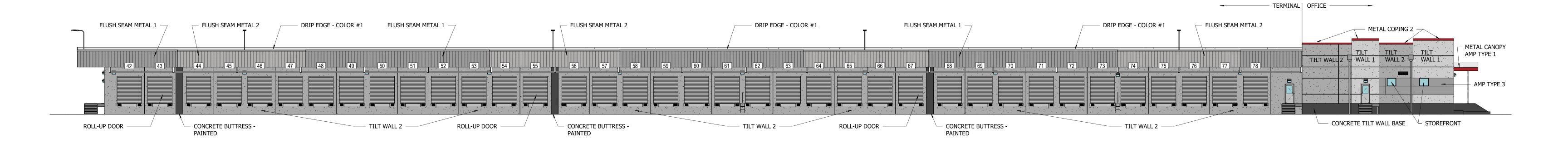
SAIA LTL FREIGHT LINE

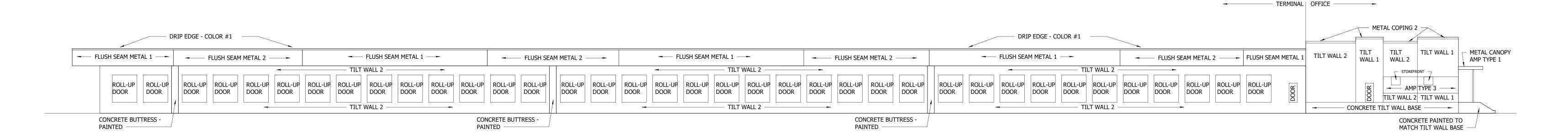


SAIA LTL FREIGHT SAIA LTL FREIGHT - MESA, AZ PROPOSED SHOP PROPOSED OFFICE/TERMINAL WEST ELEVATION FINISH CALCULATIONS

www.theMDGIIc.com

DMA





FACADE FINISH CALCULATION	1,559	Sq.Ft.	FACADE FINISH CALCULATION	10,499	9 Sq.Ft.
OFFICE:			TERMINAL:		
CONCRETE TILT WALL 1	469 Sq.Ft. =	30 %	CONCRETE TILT WALL 2	3,974 Sq.Ft. =	38 %
CONCRETE TILT WALL 2	590 Sq.Ft. =	38 %	CONCRETE BUTTRESS	129 Sq.Ft. =	1 %
CONCRETE TILT WALL BASE	267 Sq.Ft. =	17 %	FLUSH SEAM METAL PANEL 1	1,549 Sq.Ft. =	15 %
TYPE 1 ARCHITECTURAL METAL WALL PANEL (AMP)	10 Sq.Ft. =	1 %	FLUSH SEAM METAL PANEL 2	1,091 Sq.Ft. =	10 %
TYPE 3 ARCHITECTURAL METAL WALL PANEL (AMP)	145 Sq.Ft. =	9 %	OVERHEAD STEEL DOORS – DOCK	3,510 Sq.Ft. =	34 %
METAL COPING 2	37 Sq.Ft. =	3 %	INSULATED STEEL (MAN) DOORS	21 Sq.Ft. =	(<1 %)
STOREFRONT GLAZING SYSTEMS	20 Sq.Ft. =	1 %	DRIP EDGE TRIM	225 Sq.Ft. =	2 %
INSULATED STEEL (MAN) DOORS	21 Sq.Ft. =	1 %			
METAL PANELS AND COPING 13 %	TOTAL	100%	METAL PANELS AND COPING 27 %	TOTAL	100%
CONCRETE (PAINTED) 85 %			CONCRETE (PAINTED) 39 %		
STOREFRONT 1 %			DOORS 34 %		
DOORS 1 %					

FACADE FINISH COMBINED	12,058 Sq	.Ft.
CONCRETE TILT WALL 1	469 Sq.Ft. =	5 %
CONCRETE TILT WALL 2	4,564 Sq.Ft. =	38 %
CONCRETE TILT WALL BASE	267 Sq.Ft. =	2 %
CONCRETE BUTTRESS	129 Sq.Ft. =	1 %
TYPE 1 ARCHITECTURAL METAL WALL PANEL (AMP)	10 Sq.Ft. =	(<1 %)
TYPE 3 ARCHITECTURAL METAL WALL PANEL (AMP)	145 Sq.Ft. =	1 %
FLUSH SEAM METAL PANEL 1	1,549 Sq.Ft. =	13 %
FLUSH SEAM METAL PANEL 2	1,091 Sq.Ft. =	9 %
OVERHEAD STEEL DOORS – DOCK	3,510 Sq.Ft. =	29 %
STOREFRONT	20 Sq.Ft. =	(<1 %)
INSULATED STEEL (MAN) DOORS	42 Sq.Ft. =	(<1 %)
COPING & DRIP EDGE TRIM	262 Sq.Ft. =	2 %
CONCRETE (PAINTED) 46 %	TOTAL	100%
METAL PANELS AND COPING 25 %		
STOREFRONT (<1 %)		
DOORS 29 %		

OFFICE:	TERMINAL AND SHOP:
TYPE 1 ARCHITECTURAL METAL WALL PANEL (AMP) PREFINISHED METAL PANEL COLOR TO MATCH ALPOLIC ACM - TOR RED.	CONCRETE TILT WALL 2 SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7019 GAUNTLET GRAY
TYPE 3 ARCHITECTURAL METAL WALL PANEL (AMP) PREFINISHED METAL WALL PANEL COLOR TO MATCH APOLIC ACM - RIVER ROCK GREY	CONCRETE BUTTRESS SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7069 IRON ORE
CONCRETE TILT WALL 1 SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7017 DORIAN GRAY	FLUSH SEAM METAL PANEL 1 PREFINISHED 22 GAUGE METAL WALL PANEL COLOR TO MATCH BERRIDGE "CITYSCAPE"
CONCRETE TILT WALL 2 SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7019 GAUNTLET GRAY	FLUSH SEAM METAL PANEL 2 PREFINISHED 22 GAUGE METAL WALL PANEL COLOR TO MATCH BERRIDGE "ZINC GREY"
CONCRETE TILT WALL BASE FORM MOLDED "STACKED STONE" FROM GRADE TO FINISH FLOOR PAINTED SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7069 IRON ORE	FASCIA & DRIP EDGE TRIM PREFINISHED METAL TRIM SYSTEM COLOR TO MATCH BERRIDGE "ZINC GREY".
CONCRETE STAIRS, RAMPS, AND LANDINGS UNPAINTED EXPOSED CONCRETE, SURFACE TO HAVE BROOM FINISH	OVERHEAD STEEL DOORS – DOCK PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY" INSULATED STEEL (MAN) DOORS
METAL COPING 2 PREFINISHED METAL COPING COLOR TO MATCH TYPE 1 ARCHITECTURAL METAL WALL PANEL.	PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY" EXTERIOR LOUVERS CLEAR ANOZIDED METAL FINISH
STOREFRONT GLAZING SYSTEMS THERMALLY BROKEN GLAZING SYSTEM COLOR: CLEAR ANODIZED ALUMINUM	
INSULATING GLASS PPG ARCHITECTURAL GLASS ATLANTICA L. SOLARBAN 60 (2) CLEAR	

FACADE FINISH COLORS

ATLANTICA + SOLARBAN 60 (3) CLEAR

GUARDRAILS AND HANDRAILS AT OFFICE

FINISH - COLOR: SW7019 GAUNTLET GRAY

FINISH - COLOR: SW7019 GAUNTLET GRAY

PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY"

SHERWIN WILLIAMS HIGH SOLIDS POLYURETHANE - GLOSS

EXPOSED STEEL COLUMNS AT OFFICE
SHERWIN WILLIAMS HIGH SOLIDS POLYURETHANE - GLOSS

INSULATED STEEL (MAN) DOORS

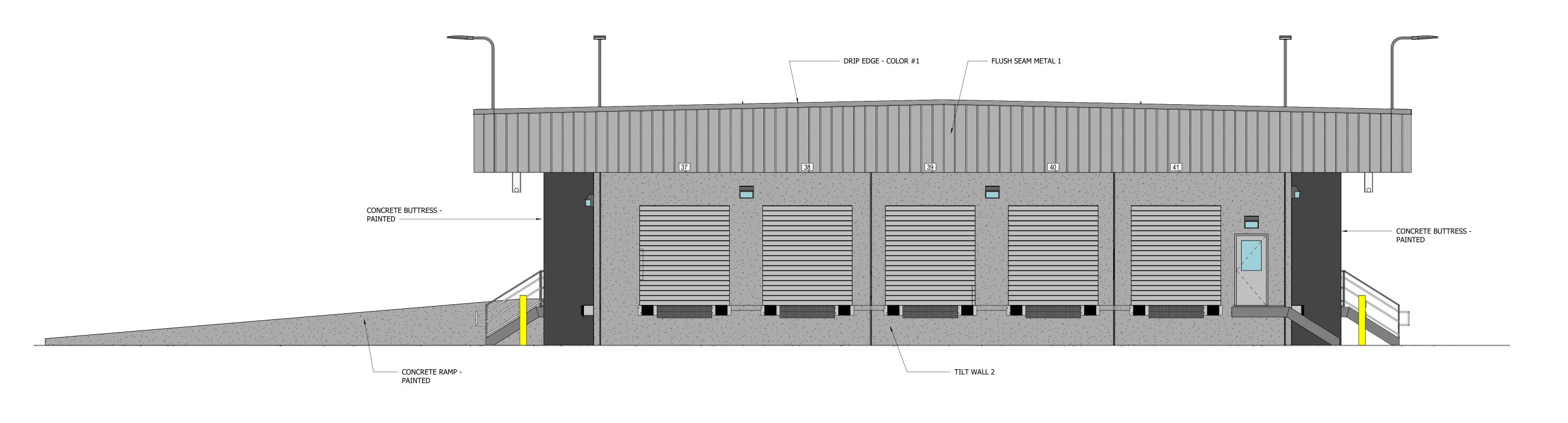
SAIA LTL FREIGHT LINE

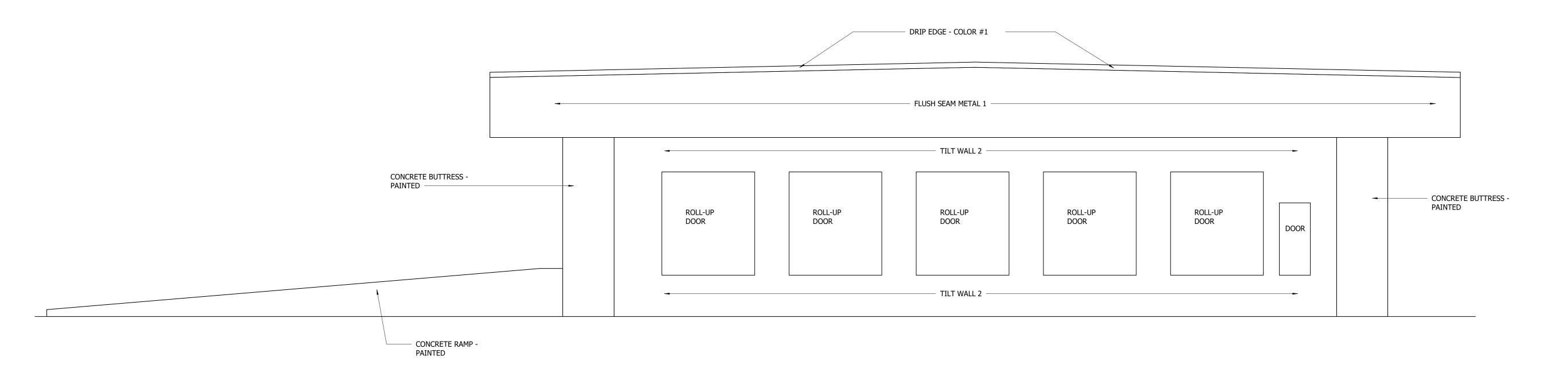


SAIA LTL FREIGHT
SAIA LTL FREIGHT - MESA, AZ
PROPOSED SHOP
PROPOSED OFFICE/TERMINAL EAST ELEVATION FINISH CALCULATIONS

24 x 36 = 1/8" = 1'-0" 11 x 17 = NO SCALE 07.26.2024









SAIA LTL FREIGHT SAIA LTL FREIGHT - MESA, AZ PROPOSED SHOP

PROPOSED TERMINAL SOUTH ELEVATION FINISH CALCULATIONS

24 x 36 = 1/8" = 1'-0" $11 \times 17 = NO SCALE$ 07.26.2024

FACADE FINISH COLORS

OFFICE:

TYPE 1 ARCHITECTURAL METAL WALL PANEL (AMP)

PREFINISHED METAL PANEL

COLOR TO MATCH ALPOLIC ACM - TOR RED.

TYPE 3 ARCHITECTURAL METAL WALL PANEL (AMP) PREFINISHED METAL WALL PANEL

COLOR TO MATCH APOLIC ACM - RIVER ROCK GREY **CONCRETE TILT WALL 1**

SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7017 DORIAN GRAY

SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7019 GAUNTLET GRAY

CONCRETE TILT WALL BASE

CONCRETE TILT WALL 2

FORM MOLDED "STACKED STONE" FROM GRADE TO FINISH FLOOR PAINTED SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7069 IRON ORE

CONCRETE STAIRS, RAMPS, AND LANDINGS

UNPAINTED EXPOSED CONCRETE, SURFACE TO HAVE BROOM

METAL COPING 2

PREFINISHED METAL COPING COLOR TO MATCH TYPE 1 ARCHITECTURAL METAL WALL

STOREFRONT GLAZING SYSTEMS

THERMALLY BROKEN GLAZING SYSTEM COLOR: CLEAR ANODIZED ALUMINUM

INSULATING GLASS

PPG ARCHITECTURAL GLASS ATLANTICA + SOLARBAN 60 (3) CLEAR

INSULATED STEEL (MAN) DOORS

FINISH - COLOR: SW7019 GAUNTLET GRAY

PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY"

GUARDRAILS AND HANDRAILS AT OFFICE SHERWIN WILLIAMS HIGH SOLIDS POLYURETHANE - GLOSS

EXPOSED STEEL COLUMNS AT OFFICE

SHERWIN WILLIAMS HIGH SOLIDS POLYURETHANE - GLOSS FINISH - COLOR: SW7019 GAUNTLET GRAY

TERMINAL AND SHOP:

CONCRETE TILT WALL 2

SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7019 GAUNTLET GRAY

CONCRETE BUTTRESS SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM

TEXTURE COLOR: SW7069 IRON ORE

FLUSH SEAM METAL PANEL 1

PREFINISHED 22 GAUGE METAL WALL PANEL COLOR TO MATCH BERRIDGE "CITYSCAPE"

FLUSH SEAM METAL PANEL 2

PREFINISHED 22 GAUGE METAL WALL PANEL COLOR TO MATCH BERRIDGE "ZINC GREY"

FASCIA & DRIP EDGE TRIM

PREFINISHED METAL TRIM SYSTEM COLOR TO MATCH BERRIDGE "ZINC GREY".

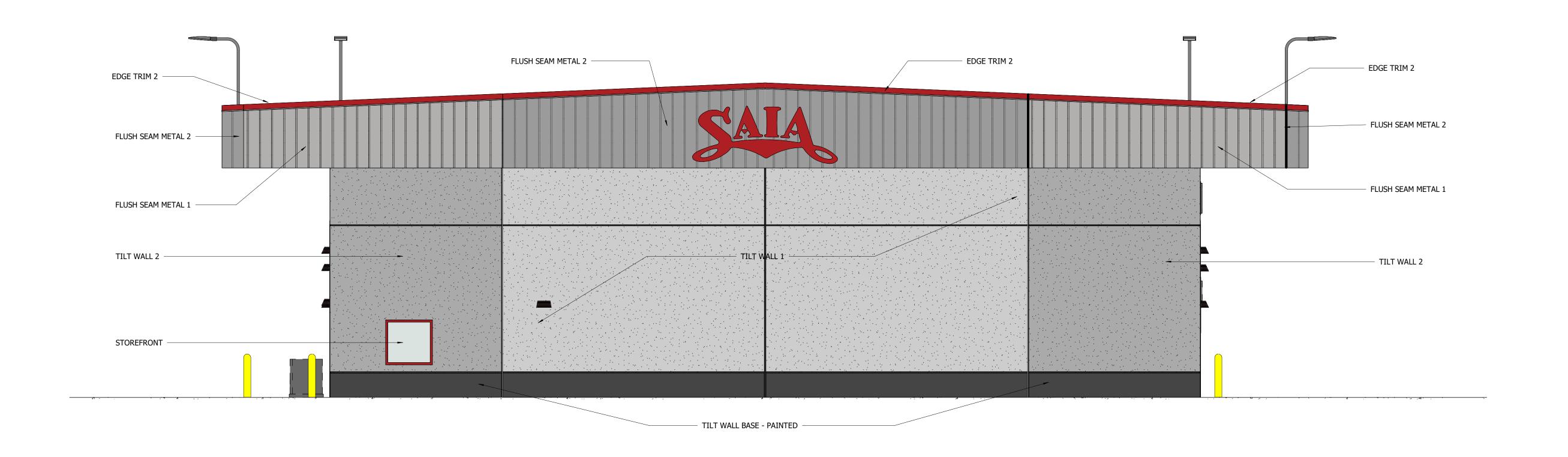
<u>OVERHEAD STEEL DOORS – DOCK</u> PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY"

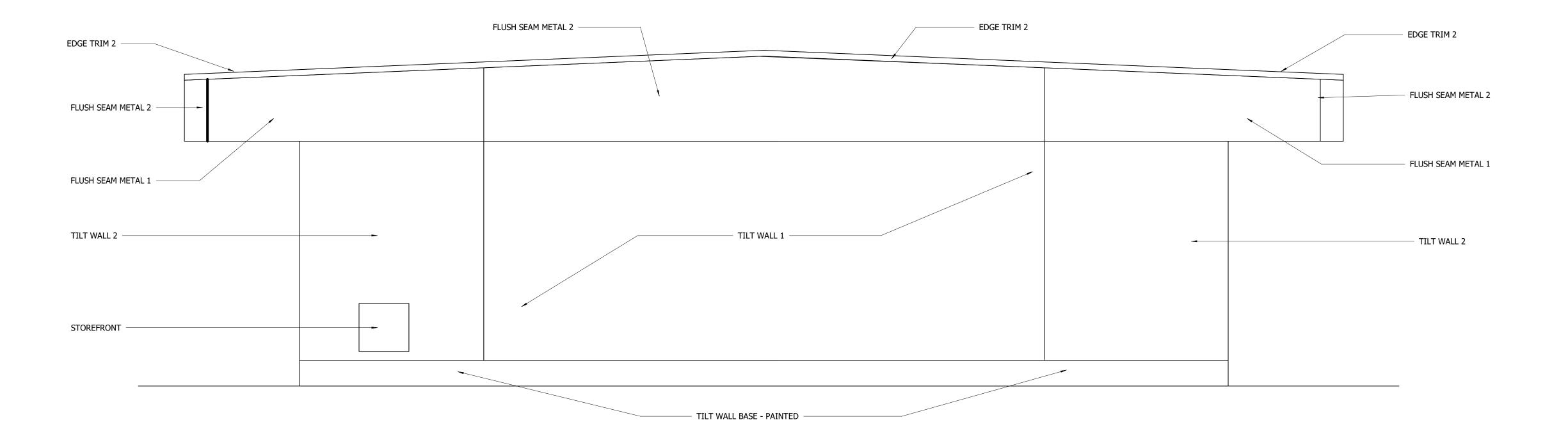
INSULATED STEEL (MAN) DOORS PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY"

EXTERIOR LOUVERS CLEAR ANOZIDED METAL FINISH

FACADE FINISH CALCULATION	2,166	Sq.Ft.
CONCRETE TILT WALL 2	744 Sq.Ft. =	35 %
CONCRETE BUTTRESS	172 Sq.Ft. =	8 %
CONCRETE RAMP (PAINTED)	138 Sq.Ft. =	6 %
FLUSH SEAM METAL PANEL 1	593 Sq.Ft. =	27 %
FLUSH SEAM METAL PANEL 2	0 Sq.Ft. =	0 %
OVERHEAD STEEL DOORS – DOCK	450 Sq.Ft. =	21 %
INSULATED STEEL (MAN) DOORS	21 Sq.Ft. =	1 %
FASCIA & DRIP EDGE TRIM	48 Sq.Ft. =	2 %
METAL PANELS AND COPING 29 %	TOTAL	100%
CONCRETE 49 %		
<u>DOORS</u> 22 %		







CONCRETE TILT WALL 1
SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7017 DORIAN GRAY

CONCRETE TILT WALL 2

SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7019 GAUNTLET GRAY

CONCRETE TILT WALL BASE FORM MOLDED "STACKED STONE" FROM GRADE TO FINISH FLOOR PAINTED SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7069 IRON ORE

FLUSH SEAM METAL PANEL 1

PREFINISHED 22 GAUGE METAL WALL PANEL COLOR TO MATCH BERRIDGE "CITYSCAPE"

FLUSH SEAM METAL PANEL 2 PREFINISHED 22 GAUGE METAL WALL PANEL COLOR TO MATCH BERRIDGE "ZINC GREY"

TPO ROOF

FULLY ADHERED WHITE TPO ROOF MEMBRANE.

FASCIA & DRIP EDGE TRIM

PREFINISHED METAL TRIM SYSTEM COLOR #1 TO MATCH BERRIDGE "ZINC GREY" COLOR #2 TO MATCH BERRIDGE "DEEP RED"

EXPOSED STEEL COLUMNS

SHERWIN WILLIAMS HIGH SOLIDS POLYURETHANE - GLOSS FINISH - COLOR TO MATCH BERRIDGE "DEEP RED"

STOREFRONT GLAZING SYSTEMS

THERMALLY BROKEN GLAZING SYSTEM COLOR: CLEAR ANODIZED ALUMINUM

INSULATING GLASS

PPG ARCHITECTURAL GLASS

ATLANTICA + SOLARBAN 60 (3) CLEAR

OVERHEAD STEEL DOORS
PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY"

BOLLARDS AND BUTTRESS GUARDS

SHOP PRIMED & PROTECTIVE PVC SLEEVES WITH INTEGRAL DOME CAP COLOR: SAFETY YELLOW

EXTERIOR LOUVERS CLEAR ANOZIDED METAL FINISH

FACADE FINISH CALCULATIO	NS 2.40	04 Sq.Ft
CONCRETE TILT WALL 1	927 Sq.Ft. =	39 %
CONCRETE TILT WALL I	927 Sq.Ft. –	39 %
CONCRETE TILT WALL 2	590 Sq.Ft. =	25 %
CONCRETE TILT WALL BASE	179 Sq.Ft. =	7 %
LOUVER / VENT	0 Sq.Ft. =	0 %
FLUSH SEAM METAL PANEL 1	282 Sq.Ft. =	12 %
FLUSH SEAM METAL PANEL 2	357 Sq.Ft. =	15 %
OVERHEAD STEEL DOORS	0 Sq.Ft. =	0 %
STOREFRONT	18 Sq.Ft. =	(<1 %)
INSULATED STEEL (MAN) DOORS	0 Sq.Ft. =	0 %
COPING & DRIP EDGE TRIM	51 Sq.Ft. =	2 %
TPO ROOF	0 Sq.Ft. =	0 %
CONCRETE (PAINTED) 71 %	TOTAL	100%
METAL PANELS AND COPING 29 %	TOTAL	100%
STOREFRONT (<1 %)		
DOORS 0 %		
LOUVER / VENT 0 %		
TPO ROOF 0 %		
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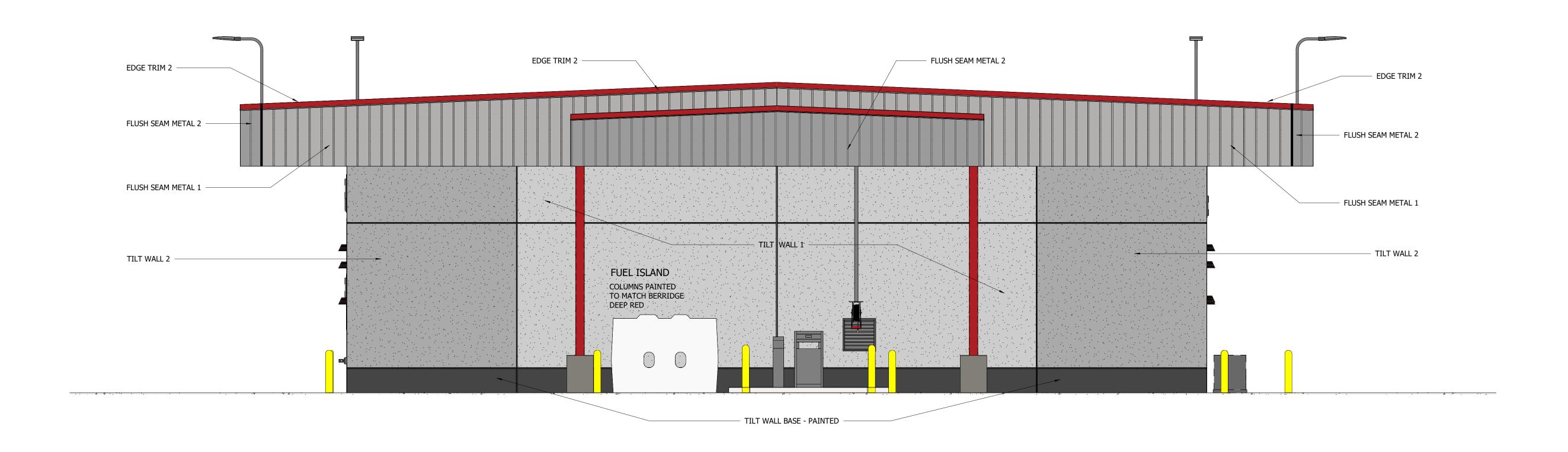
SAIA LTL FREIGHT LINE

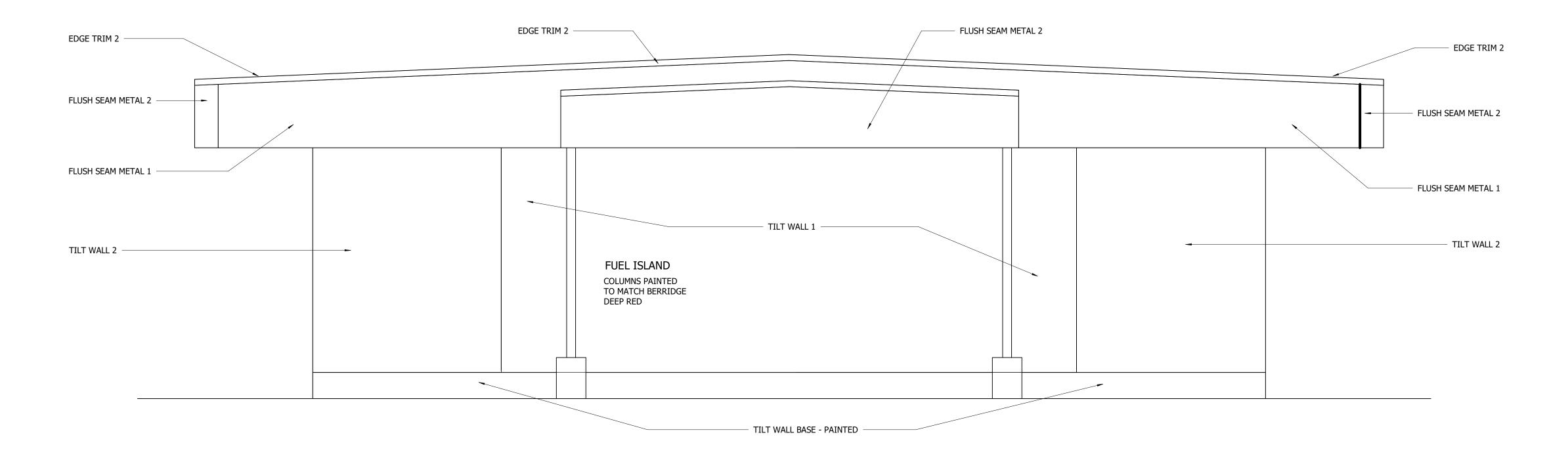


SAIA LTL FREIGHT SAIA LTL FREIGHT - MESA, AZ PROPOSED SHOP NORTH FACADE FINISH CALCLATIONS

> 24 x 36 = 1/8" = 1'-0" $11 \times 17 = NO SCALE$ 07.26.2024







CONCRETE TILT WALL 1
SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7017 DORIAN GRAY

CONCRETE TILT WALL 2

SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7019 GAUNTLET GRAY

CONCRETE TILT WALL BASE FORM MOLDED "STACKED STONE" FROM GRADE TO FINISH FLOOR PAINTED SHERWIN WILLIAMS EXTERIOR LATEX

ULTRACRETE MEDIUM TEXTURE COLOR: SW7069 IRON ORE

FLUSH SEAM METAL PANEL 1

PREFINISHED 22 GAUGE METAL WALL PANEL COLOR TO MATCH BERRIDGE "CITYSCAPE"

FLUSH SEAM METAL PANEL 2 PREFINISHED 22 GAUGE METAL WALL PANEL

COLOR TO MATCH BERRIDGE "ZINC GREY"

TPO ROOF

FULLY ADHERED WHITE TPO ROOF MEMBRANE.

FASCIA & DRIP EDGE TRIM PREFINISHED METAL TRIM SYSTEM

COLOR #1 TO MATCH BERRIDGE "ZINC GREY" COLOR #2 TO MATCH BERRIDGE "DEEP RED"

EXPOSED STEEL COLUMNS SHERWIN WILLIAMS HIGH SOLIDS POLYURETHANE - GLOSS FINISH - COLOR TO MATCH BERRIDGE "DEEP RED"

STOREFRONT GLAZING SYSTEMS THERMALLY BROKEN GLAZING SYSTEM

COLOR: CLEAR ANODIZED ALUMINUM

INSULATING GLASS

PPG ARCHITECTURAL GLASS

ATLANTICA + SOLARBAN 60 (3) CLEAR

OVERHEAD STEEL DOORS

PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY"

BOLLARDS AND BUTTRESS GUARDS SHOP PRIMED & PROTECTIVE PVC SLEEVES WITH INTEGRAL DOME CAP COLOR: SAFETY YELLOW

EXTERIOR LOUVERS

CLEAR ANOZIDED METAL FINISH

FACADE FINISH CALCULATIONS	2,40 4	2,404 Sq.Ft.	
CONCRETE TILT WALL 1	927 Sq.Ft. =	39 %	
CONCRETE TILT WALL 2	608 Sq.Ft. =	25 %	
CONCRETE TILT WALL BASE	179 Sq.Ft. =	7 %	
LOUVER / VENT	0 Sq.Ft. =	0 %	
FLUSH SEAM METAL PANEL 1	412 Sq.Ft. =	17 %	
FLUSH SEAM METAL PANEL 2	207 Sq.Ft. =	9 %	
OVERHEAD STEEL DOORS	0 Sq.Ft. =	0 %	
<u>STOREFRONT</u>	0 Sq.Ft. =	0 %	
INSULATED STEEL (MAN) DOORS	0 Sq.Ft. =	0 %	
COPING & DRIP EDGE TRIM	71 Sq.Ft. =	3 %	
TPO ROOF	0 Sq.Ft. =	0 %	
CONCRETE (PAINTED) 71 %			
METAL PANELS AND COPING 29 %	TOTAL	100%	
STOREFRONT 0 %			
DOORS 0 %			
LOUVER / VENT 0 %			
TPO ROOF 0 %			

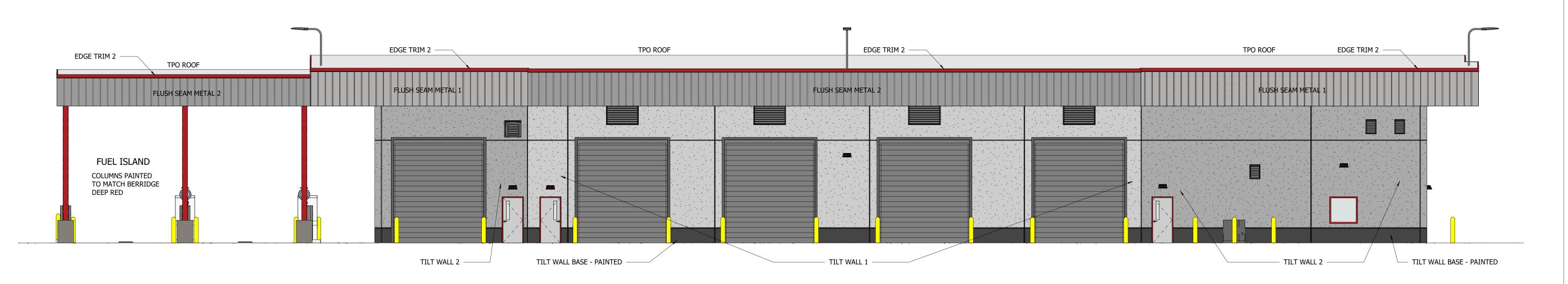
SAIA LTL FREIGHT LINE

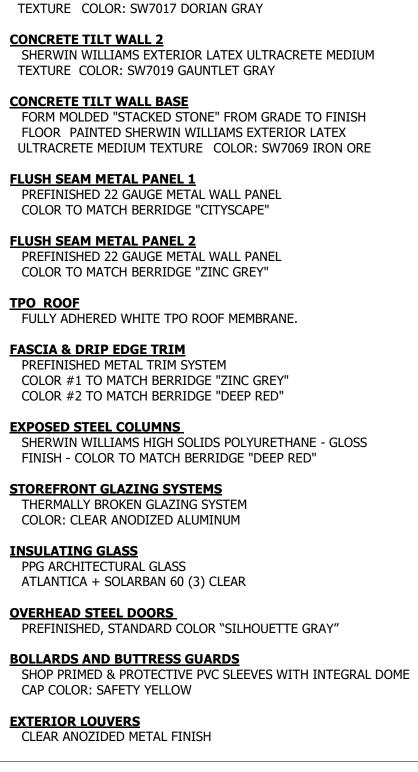


SAIA LTL FREIGHT SAIA LTL FREIGHT - MESA, AZ PROPOSED SHOP SOUTH FACADE FINISH CALCLATIONS

> 24 x 36 = 1/8" = 1'-0" $11 \times 17 = NO SCALE$ 07.26.2024







SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM

CONCRETE TILT WALL 1

EDGE TRIM 2		EDGE TRIM 2	TPO ROOF		EDGE TRIM 2 ——		TPO ROOF EDGE TRIM 2 —	_
EDGE TRIM 2	TPO ROOF							
	FLUSH SEAM METAL 2	FLUSH SEAM METAL 1		FLUSH SI	EAM METAL 2		FLUSH SEAM METAL 1	
		TUTWOULD	LOUVER	LOUVER	LOUVER	LOUVER		
		TILT WALL 2		TIL	Γ WALL 1		TILT WALL 2	FAC
	COLUMNS PAINTED TO MATCH BERRIDGE	ROLL-UP DOOR	ROLL-UP	ROLL-UP	ROLL-UP	ROLL-UP		CONC
	DEEP RED	DOOR	DOOR	DOOR	DOOR	DOOR	STOREFRONT	CONC
		8 8				e e e e e e e e e e e e e e e e e e e		CONC
						<u> </u>		LOUV
			• /	·				FILISH

TILT WALL BASE - PAINTED —

ACADE FINISH CALCULATIONS 5,117 Sq.Ft. **ONCRETE TILT WALL 1** 964 Sq.Ft. = 1,059 Sq.Ft. = **ONCRETE TILT WALL 2** 21 % ONCRETE TILT WALL BASE 190 Sq.Ft. = 4 % <u>OUVER / VENT</u> 60 Sq.Ft. = **FLUSH SEAM METAL PANEL 1** 460 Sq.Ft. = 9 % **FLUSH SEAM METAL PANEL 2** 680 Sq.Ft. = OVERHEAD STEEL DOORS - DOCK 1,120 Sq.Ft. = 22 % **STOREFRONT** 15 Sq.Ft. = (<1 %) **INSULATED STEEL (MAN) DOORS** 63 Sq.Ft. = **COPING & DRIP EDGE TRIM** 112 Sq.Ft. = 2 % **TPO ROOF** 394 Sq.Ft. = 8 % TOTAL **CONCRETE (PAINTED)** 44 % METAL PANELS AND COPING **STOREFRONT LOUVER / VENT** TPO ROOF

TILT WALL BASE - PAINTED

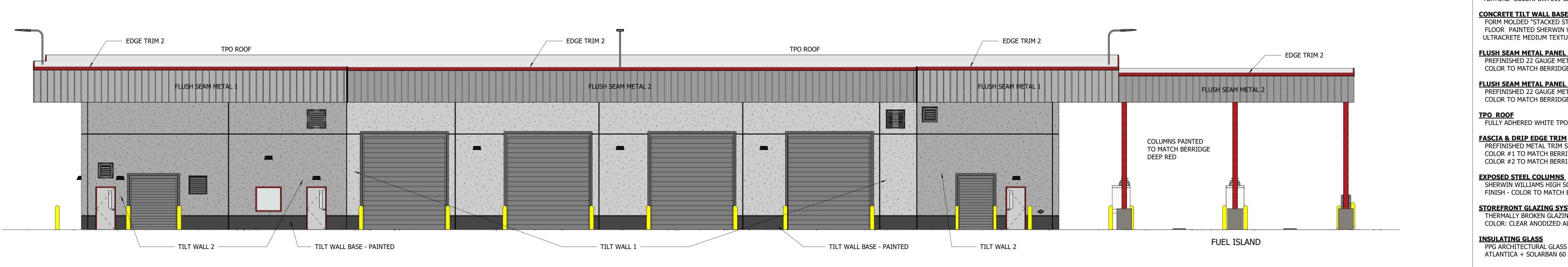
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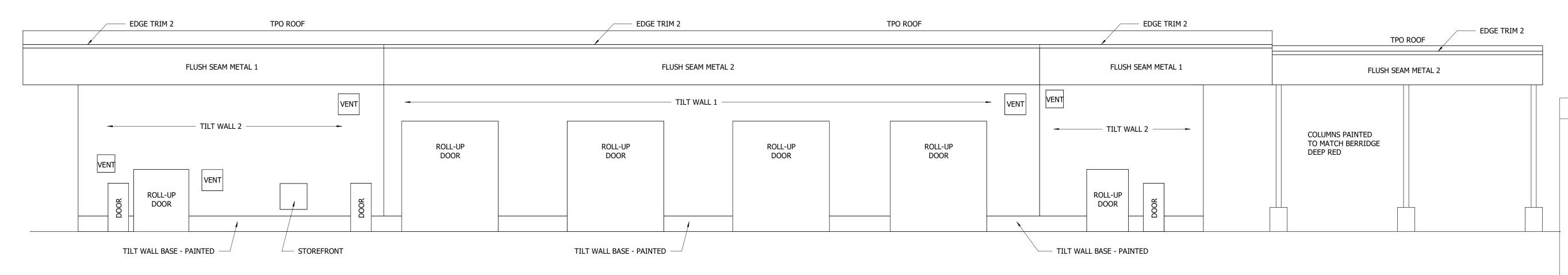


SAIA LTL FREIGHT SAIA LTL FREIGHT - MESA, AZ PROPOSED SHOP EAST FACADE FINISH CALCLATIONS

24 x 36 = 1/8" = 1'-0" 11 x 17 = NO SCALE 07.26.2024







CONCRETE TILT WALL 1

SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7017 DORIAN GRAY

CONCRETE TILT WALL 2
SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7019 GAUNTLET GRAY

CONCRETE TILT WALL BASE

FORM MOLDED "STACKED STONE" FROM GRADE TO FINISH FLOOR PAINTED SHERWIN WILLIAMS EXTERIOR LATEX ULTRACRETE MEDIUM TEXTURE COLOR: SW7069 IRON ORE

<u>FLUSH SEAM METAL PANEL 1</u> PREFINISHED 22 GAUGE METAL WALL PANEL

COLOR TO MATCH BERRIDGE "CITYSCAPE"

FLUSH SEAM METAL PANEL 2

PREFINISHED 22 GAUGE METAL WALL PANEL COLOR TO MATCH BERRIDGE "ZINC GREY"

TPO ROOF
FULLY ADHERED WHITE TPO ROOF MEMBRANE.

FASCIA & DRIP EDGE TRIM

PREFINISHED METAL TRIM SYSTEM
COLOR #1 TO MATCH BERRIDGE "ZINC GREY"

COLOR #2 TO MATCH BERRIDGE "DEEP RED"

SHERWIN WILLIAMS HIGH SOLIDS POLYURETHANE - GLOSS FINISH - COLOR TO MATCH BERRIDGE "DEEP RED"

STOREFRONT GLAZING SYSTEMS THERMALLY BROKEN GLAZING SYSTEM

COLOR: CLEAR ANODIZED ALUMINUM

INSULATING GLASS
PPG ARCHITECTURAL GLASS

ATLANTICA + SOLARBAN 60 (3) CLEAR

OVERHEAD STEEL DOORS
PREFINISHED, STANDARD COLOR "SILHOUETTE GRAY"

BOLLARDS AND BUTTRESS GUARDS
SHOP PRIMED & PROTECTIVE PVC SLEEVES WITH INTEGRAL DOME CAP COLOR: SAFETY YELLOW

EXTERIOR LOUVERS CLEAR ANOZIDED METAL FINISH

	NO - 44	
FACADE FINISH CALCULATIO	NS 5,11	7 Sq.Ft.
CONCRETE TILT WALL 1	1,027 Sq.Ft. =	20 %
CONCRETE TILT WALL 2	1,110 Sq.Ft. =	22 %
CONCRETE TILT WALL BASE	190 Sq.Ft. =	4 %
LOUVER / VENT	44 Sq.Ft. =	1 %
FLUSH SEAM METAL PANEL 1	460 Sq.Ft. =	9 %
FLUSH SEAM METAL PANEL 2	680 Sq.Ft. =	13 %
OVERHEAD STEEL DOORS – DOCK	1,022 Sq.Ft. =	20 %
STOREFRONT	15 Sq.Ft. =	(<1 %)
INSULATED STEEL (MAN) DOORS	63 Sq.Ft. =	1 %
COPING & DRIP EDGE TRIM	112 Sq.Ft. =	2 %
TPO ROOF	394 Sq.Ft. =	8 %
CONCRETE (PAINTED) 46 %	TOTAL	1000/
METAL PANELS AND COPING 24 %	TOTAL	100%
STOREFRONT (<1 %)		
DOORS 21 %		
LOUVER / VENT 1 %		
TPO ROOF 8 %		

SAIA LTL FREIGHT LINE



SAIA LTL FREIGHT SAIA LTL FREIGHT - MESA, AZ PROPOSED SHOP WEST FACADE FINISH CALCLATIONS

24 x 36 = 1/8" = 1'-0" $11 \times 17 = NO SCALE$ 07.26.2024



www.theMDGIIc.com



ENGINEERING

H.F. Lenz Co. | 1407 Scalp Avenue | Johnstown, PA | 15904 | (814) 269-9300

Date: June 21, 2024

Purpose: The purpose of this Citizen Participation Plan is to inform citizens, property owners, agencies, and businesses in the vicinity of the site of an application for the SAIA Motor Freight Lines, LLC Proposed Trucking Freight Facility. This site is located at 10335 E Pecos Road at the southwest quadrant of E Pecos Road and S Merrill Road. This plan will ensure that those affected by this application will have an adequate opportunity to learn about and comment on the proposal.

Contact:

Joshua Shearman 1407 Scalp Avenue Johnstown, PA 15904 814-269-9300 x288 Email: jshearman@hflenz.com

Pre-Submittal Meeting: The pre-application meeting with City of Mesa planning staff was held on 2/20/2024. Staff reviewed the application and recommended that adjacent residents and businesses be contacted.

Action Plan: In order to provide effective citizen participation in conjunction with the application, the following actions will be taken to provide opportunities to understand and address any real or perceived impacts from the development that members of the community may have.

- 1. A contact list will be developed for citizens and agencies in this area including:
 - a. Property owners within 1,000 feet from the site
 - b. Regulatory agencies
- 2. All persons listed on the contact list will receive a letter describing the project, project schedule, site plan and invitation to an on-site meeting held at a date to be determined. A sign-in list will be used and comment forms provided. Copies of the sign-in list and any comments will be given to the City of Mesa Planner assigned to this project.
- 3. Presentations will be made to groups of citizens or neighborhood associations upon request.

Schedule:

Pre-Submittal Meeting - February 20, 2024

Develop Contact List - July 17, 2024

Send Out Letters - July 17, 2024

On-Site Meeting - August 21, 2024

Submittal of Citizen Participation Report and Notification Materials - August 28, 2024

Planning and Zoning Board Hearing - September 2024

CITIZEN PARTICIPATION REPORT

SAIA MOTOR FREIGHT LINES, LLC PROPOSED TRUCKING FREIGHT FACILITY CITY OF MESA, MARICOPA COUNTY, ARIZONA

Prepared by:

世 H.F. LENZ

1407 Scalp Avenue Johnstown, Pennsylvania 15904 May 20, 2025 HFL File No. 2023-0302.01



CITIZEN PARTICIPATION REPORT

SAIA Motor Freight Lines, LLC Proposed Trucking Freight Facility City of Mesa, Maricopa County, AZ

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CITIZEN PARTICIPATION REPORT NARRATIVE





CITIZEN PARTICIPATION REPORT

SAIA Motor Freight Lines, LLC Proposed Trucking Freight Facility City of Mesa, Maricopa County, AZ

CITIZEN PARTICIPATION REPORT NARRATIVE

SAIA Motor Freight Lines, LLC is proposing to construct a trucking freight facility located at the intersection of E Pecos Road and S Merrill Road in the City of Mesa, Maricopa County, Arizona. Due to the location and proposed use of the facility, site plan approval by the City of Mesa Planning and Zoning Board is required. As part of this approval, a Citizen Participation Plan was developed in order to notify adjacent property owners of the proposed development and to provide them with an opportunity for public comment on the project. Refer to Appendix A for the Citizen Participation Plan.

On May 13, 2025, the subject property was posted with signage regarding the rezoning hearing on May 28, 2025 and notification documents were provided to the City of Mesa. It is understood that the City of Mesa forwarded the notification documents to the adjacent property owners that were identified as part of the Citizen Participation Plan. Refer to Appendix B for Posting Documents and Appendix C for Posting Photographs.

As of May 20, 2025, no public comments or questions have been provided to the contact listed in the Citizen Participation Plan or to the applicant in regards to the proposed project or zoning hearing.

I:\Projects\2023\230300\230302x01\Reports\25_0520 JJS Citizen Participation Report.docx

APPENDIX A: CITIZEN PARTICIPATION PLAN





ENGINEERING

H.F. Lenz Co. | 1407 Scalp Avenue | Johnstown, PA | 15904 | (814) 269-9300

Date: May 9, 2025

Purpose: The purpose of this Citizen Participation Plan is to inform citizens, property owners, agencies, and businesses in the vicinity of the site of an application for the SAIA Motor Freight Lines, LLC Proposed Trucking Freight Facility. This site is located at 10335 E Pecos Road at the southwest quadrant of E Pecos Road and S Merrill Road. This plan will ensure that those affected by this application will have an adequate opportunity to learn about and comment on the proposal.

Contact:

Joshua Shearman 1407 Scalp Avenue Johnstown, PA 15904 814-269-9300 x288 Email: jshearman@hflenz.com

Pre-Submittal Meeting: The pre-application meeting with City of Mesa planning staff was held on 2/20/2024. Staff reviewed the application and recommended that adjacent residents and businesses be contacted.

Action Plan: In order to provide effective citizen participation in conjunction with the application, the following actions will be taken to provide opportunities to understand and address any real or perceived impacts from the development that members of the community may have.

- 1. A contact list will be developed for citizens and agencies in this area including:
 - a. Property owners within 1,000 feet from the site
 - b. Regulatory agencies
- 2. All persons listed on the contact list will receive a letter describing the project, project schedule, site plan and invitation to an on-site meeting held at a date to be determined. A sign-in list will be used and comment forms provided. Copies of the sign-in list and any comments will be given to the City of Mesa Planner assigned to this project.
- 3. Presentations will be made to groups of citizens or neighborhood associations upon request.

Schedule:

Pre-Submittal Meeting - February 20, 2024

Develop Contact List - January 22, 2025

Submittal of Citizen Participation Report and Notification Materials - May 13, 2025

Send Out Letters - May 13, 2025

On-Site Meeting - May 20, 2025

Planning and Zoning Board Hearing - May 28, 2025

APPENDIX B: POSTING DOCUMENTS



May 13, 2025

Dear Neighbor,

SAIA Motor Freight Lines, LLC, have applied for Planning and Zoning Approval for the property located at 10335 E Pecos Road, Mesa, AZ 85212. This request is for the development of a new truck freight facility. The case number assigned to this project is ZON 24-00548.

This letter is being sent to all property owners within 1000 feet of the property at the request of the City of Mesa Planning Division. Enclosed for your review is a copy of the site plan and elevations of the proposed development. If you have any questions regarding this proposal, please call Joshua Shearman, P.E., at 814-269-9300 or e-mail at JShearman@hflenz.com.

This application will be scheduled for consideration by the Mesa Planning and Zoning Board at their meeting held on May 28, 2025 in the City Council Chambers located at 57 East First Street. The meeting will begin at 4:00 p.m. You are invited to attend this meeting and provide any input you may have regarding this proposal.

The public can attend the meeting either in-person or electronically and telephonically. The live meeting may be watched on local cable Mesa channel 11, online at Mesa11.com/live or www.youtube.com/user/cityofmesa11/live, or listened to by calling 888-788-0099 or 877-853-5247 (toll free) using meeting ID 825 0808 5605 and following the prompts. If you want to provide a written comment or speak telephonically at the meeting, please submit an online comment card by scanning the QR code below or visiting https://www.mesaaz.gov/government/advisory-boards-committees/planning-zoning-board/online-meeting-comment-card at least 1 hour prior to the start of the meeting. If you want to speak at the meeting, you will need to indicate on the comment card that you would like to speak during the meeting, and you will need to call 888-788-0099 or 877-853-5247 (toll free) using meeting ID 825 0808 5605 and following the prompts, prior to the start of the meeting. You will be able to listen to the meeting; and when the item you have indicated that you want to speak on is before the Board, your line will be taken off mute and you will be given an opportunity to speak.

For help with the online comment card, or for any other technical difficulties, please call 480-644-2099.

The City of Mesa has assigned this case to Josh Grandlienard of their Planning Division staff. He can be reached at 480-644-4691 or Joshua.Grandlienard@mesaaz.gov should you have any questions regarding the public hearing process. If you have sold this property in the interim, please forward this correspondence to the new owner.

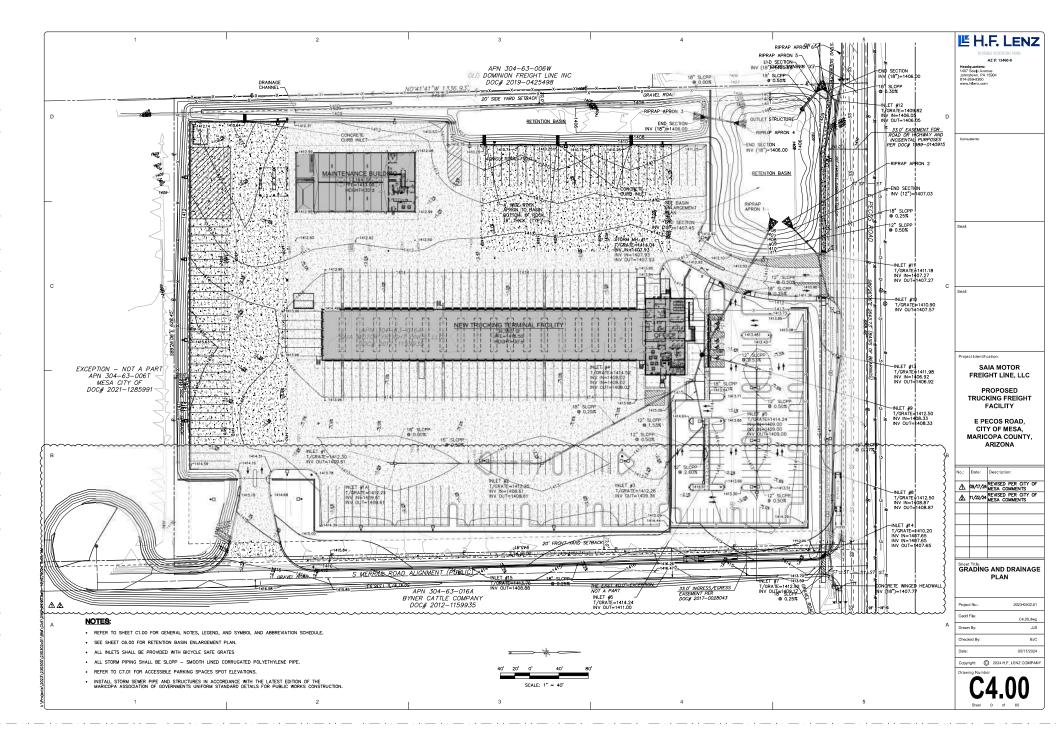
Sincerely,

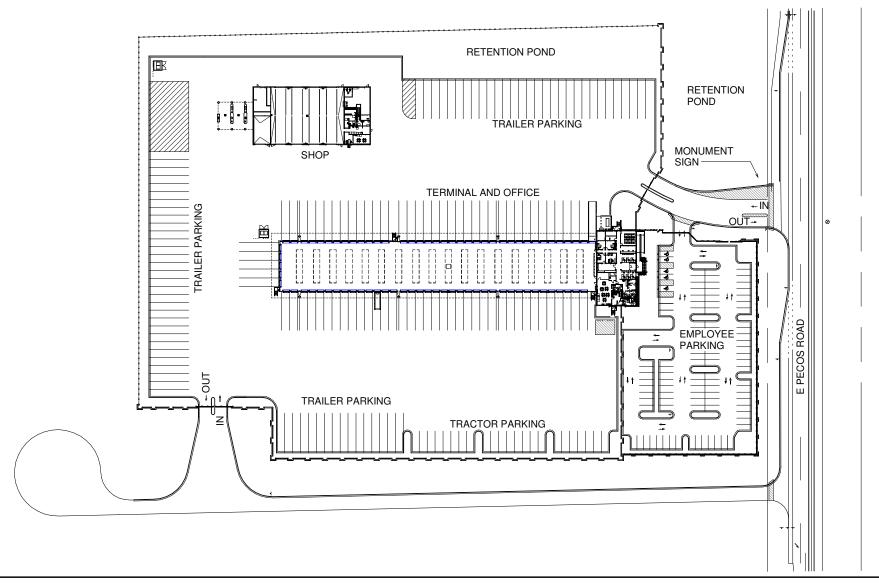
Brett Rabe

Brett Rabe

Director of Real Estate









SAIA LTL FREIGHT 10335 E. PECOS RD, MESA, AZ ARCHITECTURAL SITE PLAN

> 24 x 36 = 1/8" = 1'-0" 11 x 17 = NO SCALE 05.13.2025









SAIA LTL FREIGHT 10335 E. PECOS RD, MESA, AZ EXTERIOR PERSPECTIVES

24 x 36 = 1/8" = 1'-0" 11 x 17 = NO SCALE 05.13.2025



DAVID MOUENCOPF, ARCHITECT 49 Music Square W-Suite 600 Nashville, Tennessee 37203 615, 296-9146 www.theMDGit.com





SAIA LTL FREIGHT 10335 E. PECOS RD, MESA, AZ SITE PERSPECTIVE

24 x 36 = 1/8" = 1'-0" 11 x 17 = NO SCALE 05.13.2025





世 H.F. LENZ

No.:	Date:	Description:

SAIA MOTOR FREIGHT LINE, LLC

11465 JOHNS CREEK PKWY, STE 400 JOHNS CREEK GA 30097

Attn: Brett Rabe, Director of Real Estate

RE: Mesa, AZ – ZON24-00548

Notification of Property Owners within 1000' of subject property

Owner Name		Mailing Address		
AMAZON DATA SEF	RVICES INC	PO BOX 81226 SEATTLE WA USA 98108		
BYNER CATTLE CO	MPANY	333 N CENTRAL AVE PHOENIX AZ 85004-2121		
CUBES AT MESA G	ATEWAY BUILDING A LLC	7800 FORSYTH BLVD FL 3 ST. LOUIS MO 63105		
CUBES AT MESA G	ATEWAY BUILDING B LLC	7800 FORSYTH BLVD FL 3 ST LOUIS MO 63105		
CUBES AT MESA GATEWAY BUILDING C LLC		2199 INNERBELT BUSINESS CENTER DR ST LOUIS MO 63114		
MESA BA LAND LLC		2801 E. CAMELBACK RD STE 450 PHOENIX AZ 85016		
CITY OF MESA	ATTN: Marc Hershberg	PO BOX 1466 MESA AZ 85211		
OLD DOMINION FREIGHT LINE INC		500 OLD DOMINION WAY THOMASVILLE NC 27360		
PACIFIC PROVING	LLC	2801 E. CAMELBACK RD STE 450 PHOENIX AZ 85016		
UNION PACIFIC RA	ILROAD COMPANY	1401 DOUGLAS ST STOP 1640 OMAHA NE 68179-1640		

APPENDIX C: POSTING PHOTOGRAPHS





