

FLOOR PLAN KEY NOTES:



- 1 5" PVC CHASE UP THRU SLAB w/ LIP OF PIPE EXTENDING 1" BELOW FINISH FACE OF CEILING. COORDINATE LOCATION w/ STRUCTURAL, PLUMBING, AND CEILING PLANS.
- 2 LINE OF CHASE ABOVE
- 3 ROUTE PROCESS PIPING FROM DRUM TRANSFER STATION @ UPPER LEVEL, DOWN IN CHASE TO LUBE BAR DRUM TRANSFER IN LUBE PIT. COORDINATE ROUTING IN FIELD
- 4 MECHANICAL DUCT ABOVE. SEE MECHANICAL PLANS.
- 5 PROVIDE UNDERSLAB WATERPROOFING BENEATH ENTIRE LOWER LEVEL - SEE WATERPROOFING DETAILS ON THIS SHEET.
- 6 ABOVE SLAB SUMP PUMP - SEE PLUMBING
- 7 LUBE PIT/SUMP CROCK BASIN - SEE PLUMBING
- 8 BUMP HAT STORAGE
- 9 WALL ENCLOSURE UNDER STAIRS. INSTALL 5/8" PLYWOOD OVER 2X4 STUDS. FINISHED FACE OF PLYWOOD TO BE ALIGNED WITH OUTSIDE FACE OF STAIR STRINGER. INSTALL W-2 ON SURFACE, ALL SIDES
- 10 TIRE ROTATION AIR LINE LOCATION. G.C. TO COORDINATE W/ VENDOR
- 11 CHANGING BENCH - SEE DETAIL ON THIS SHEET
- 12 OIL/ WATER SEPARATOR AND STAND - SEE PLUMBING

GENERAL NOTES

- A. INTERIOR WALLS SURROUNDING RESTROOMS AND OFFICE SHALL BE PROVIDED w/ SOUND BATT INSULATION TO EXTEND FULL HEIGHT TO TRUSS, OR JOIST SPACE TO ACHIEVE VIOC ACCEPTABLE SOUND ENCLOSURE. VAPOR BARRIER IS NOT REQUIRED IN THESE WALLS. EXTERIOR WALLS PER R-VALUES REQUIRED, REFER TO SHEET A-4.1.
- B. ALL EXTERIOR WALLS & AREAS ABOVE CEILINGS (JOIST & TRUSS SPACES) SHALL BE PROVIDED WITH BATT INSULATION TO ACHIEVE A COMPLETELY INSULATED THERMAL ENVELOPE AS REQUIRED. PROVIDE VAPOR BARRIER PER LOCAL CLIMATE REQUIREMENTS. BLOW-IN INSULATION IS UNACCEPTABLE.
- C. ALL GYPSUM BOARD IN SERVICE BAYS AND STORAGE AREA SHALL BE 5/8" HIGH ABUSE FREE SHIELD BY NATIONAL GYPSUM.
- D. ALL WALLS EXTENDING TO UNDERSIDE OF TRUSSES SHALL BE BRACED TO STRUCTURE AS REQUIRED. PROVIDE NECESSARY BLOCKING FOR STABLE, SECURE INSTALLATION.
- E. REFER TO SHEET G-3.1 FOR EQUIPMENT SCHEDULES AND LOCATIONS.
- F. DIMENSIONS FOR INTERIOR WALLS ON PLANS ARE TO ROUGH FRAMING (U.N.O.) EXTERIOR DIMENSIONS ARE TO FINISHED SURFACES AND OPENINGS.
- G. REFER TO STRUCTURAL FOR FLOOR PENETRATION LOCATIONS
- H. POLYETHYLENE VAPOR BARRIER TO BE USED ON WALL/ CEILING APPLICATIONS WHERE UNFACED BATT INSULATION IS USED.

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OIL CHANGE**

Shakopee, MN

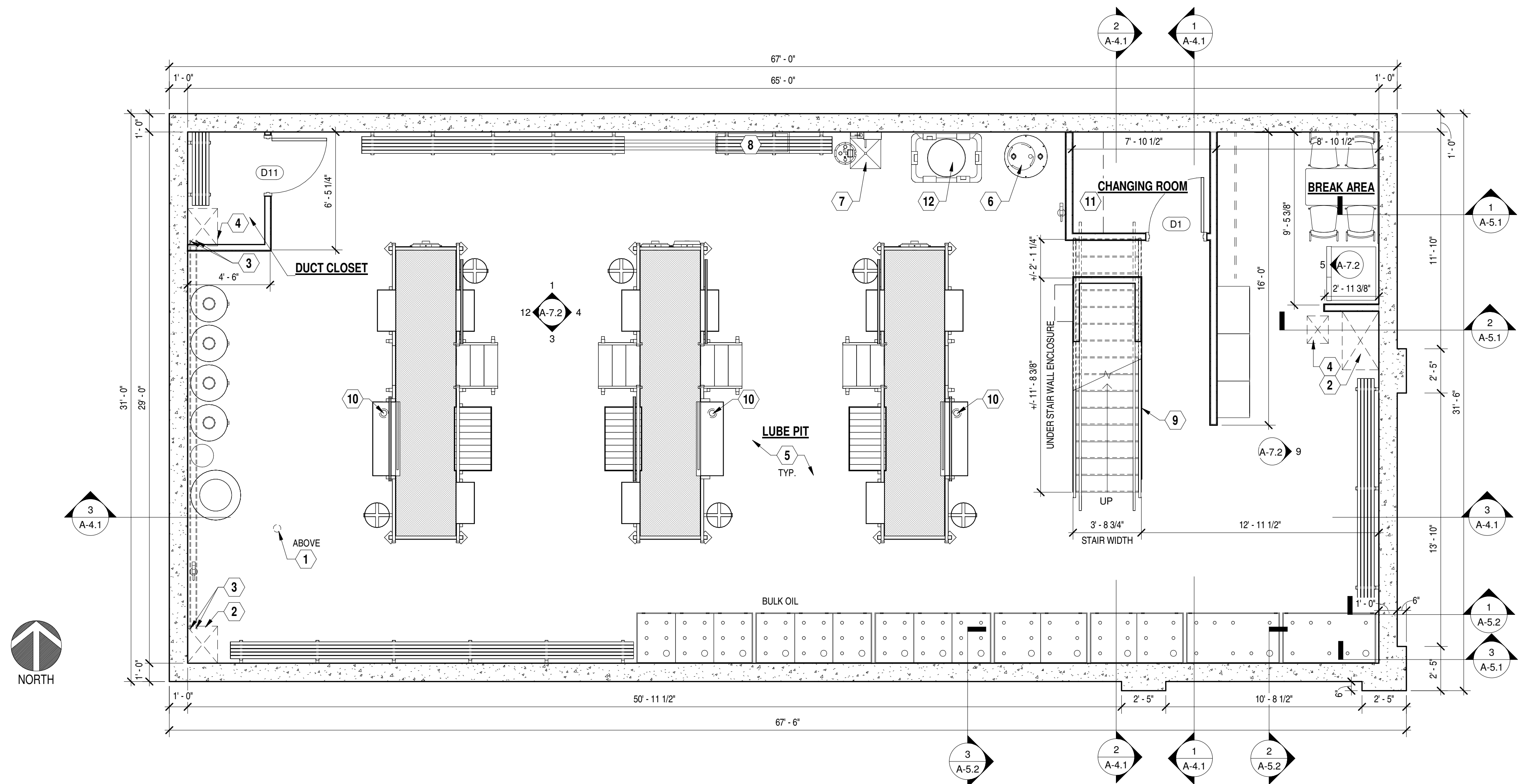
PROJECT NUMBER

HEET NAME

FLOOR PLAN -
LOWER LEVEL

HEET #

A-1.1



1 FLOOR PLAN - LOWER LEVEL
A-1.1 Scale: 1/4" = 1'-0"

FINISH SCHEDULE

ROOM	FLOOR	BASE	WALLS		CEILING/ EXPOSED STRUCTURE	REMARKS
			FULL HEIGHT	WAINSCOT BOTTOM	WAINSCOT TOP	
UPPER LEVEL						
WAITING	F-2	B-1	PR-3PT-1	W-1	PR-3PT-1	SEE INTERIOR ELEVATIONS FOR WAINSCOT
SERVICE BAY/ STORAGE	F-1	B-2	PR-3PT-5	W-2	PR-3PT-5	SEE INTERIOR ELEVATIONS FOR WAINSCOT
DRUM TRANSFER STATION	F-1	B-2	PR-3PT-5	N/A	N/A	PR-3PT-3
UTILITY	F-3	B-1	PR-3PT-5	W-1	PR-3PT-5	SEE INTERIOR ELEVATIONS FOR WAINSCOT
OFFICE	F-2	B-1	PR-3PT-5	W-1	PR-3PT-5	SEE INTERIOR ELEVATIONS FOR WAINSCOT
UNISEX RESTROOM	F-2	B-1	PR-3PT-1	N/A	N/A	PR-2PT-5
MECHANICAL	F-3	B-1	PR-1PT-5	N/A	N/A	PR-2PT-5
ACCESS CHASE	N/A	N/A	N/A	N/A	N/A	N/A
LOWER LEVEL						
LUBE PIT	F-3	B-1	PR-1PT-5	W-2	N/A	PR-2PT-5
BREAK AREA	F-3	B-1	PR-1PT-5	N/A	N/A	PR-2PT-5
CHANGING ROOM	F-3	B-1	PR-1PT-5	N/A	N/A	PR-2PT-5
DUCT CLOSET	F-3	B-1	PR-1PT-5	N/A	N/A	PR-2PT-5

NOTES:

- ANY MOISTURE PROBLEMS SUCH AS ROOF LEAKS, IMPROPER GRADING, ETC. MUST BE CORRECTED PRIOR TO PAINT APPLICATION.
- CLEAN & PREPARE ALL SURFACES ACCORDING TO COATING MFG. RECOMMENDATIONS.
- ALL GALVANIZED SURFACES SHALL BE CORROSION PROTECTED PER SPEC. RUSTED AREAS SHOULD BE PREPARED PER SSPC-SP2 OR SP3 HAND OR POWER TOOL CLEANING & PRIMED WITH PR-2 PRIOR TO APPLICATION OF SPECIFIED FINISH COATS.
- ALL SURFACES SHALL RECEIVE (2) APPLICATIONS OF TOP COAT, APPLIED ACCORDING TO MFG. RECOMMENDATIONS.
- ENTIRE DOOR & FRAME SHALL BE PAINTED ONE COLOR AS NOTED.
- ALL WELDS SHALL BE GROUND SMOOTH PRIOR TO PRIME COAT.
- ALL EXPOSED LINTELS SHALL BE PAINTED THE SAME COLOR AS THE DOOR FRAME AT MAIN DOORS AND TO MATCH THE DESERT SAND METAL COLORS AT ALL OTHER EXPOSURES.

NOTES (CONTINUED):

- ALL EXPOSED STEEL AT STAIR, STAIR RAIL AND PIT OPENING SHALL BE PAINTED PT-4.
- LIGHT BROOM FINISH ON LUBE PIT FLOOR WITH (3) COATS OF MASTERKURE CC HIGH GLOSS. TWO COATS AT INITIAL FINISH AND ONE COAT AFTER CLEANING, JUST PRIOR TO TURNOVER.
- WALL FINISHES ON THE LOWER LEVEL SHALL EXTEND UP BETWEEN THE BEAM POCKETS TO THE UNDERSIDE OF THE METAL FLOOR DECK.

FINISH LEGEND

MARK	COLOR	FINISH	MANUFACTURER	PRODUCT
PRIMERS:				
PR-1	TINTED TO MATCH		SHERWIN WILLIAMS	HEAVY DUTY BLOCK FILLER B42W150
PR-2	TINTED TO MATCH		SHERWIN WILLIAMS	PRO-CRYL PRIMER B66-1300 SERIES
PR-3	TINTED TO MATCH		SHERWIN WILLIAMS	PREP-RITE 200 PRIMER B28W200
PAINTS:				
PT-1	SW7012 (CREAMY)	GLOSS	SHERWIN WILLIAMS	WATER BASED ALKYD URETHANE ENAMEL B53
PT-2	SW7515 (HOMESTEAD BROWN)	GLOSS	SHERWIN WILLIAMS	SHER-CRYL HPA
PT-3	CEILING WHITE	GLOSS	SHERWIN WILLIAMS	WATER BASED ALKYD URETHANE ENAMEL B53
PT-4	VALVOLINE RED	GLOSS	SHERWIN WILLIAMS	WATER BASED ALKYD URETHANE ENAMEL B53 - Color to match Pantone 485 RED
PT-5	ULTRA WHITE	GLOSS	SHERWIN WILLIAMS	WATER BASED ALKYD URETHANE ENAMEL B53
PT-6	SW2936 (BLACK EMERALD)	GLOSS	SHERWIN WILLIAMS	WATER BASED ALKYD URETHANE ENAMEL B53
WALL PANELS:				
W-1	S-490N - LIGHT GRAY	SMOOTH	MARLITE	FRP PANEL W/ MATCHING COLOR TRIMS - CLASS C
W-2	MAUNA LOA (1295)	SATIN SANDSTONE	CRANE COMPOSITES	FRP PANEL W/ MATCHING COLOR TRIMS - CLASS C
PLASTIC LAMINATE:				
PL-1	DOVE GREY	MATTE	WILSONART	STANDARD HPL FINISH D92-60
FLOOR FINISH:				
F-1	SEE FINISH NOTE F		SILIKAL / SHERWIN WILLIAMS	SEAMLESS, RESINOUS SYSTEM - SEE FINISH NOTE F
F-2	569 EBONY		TARKETT	12"x12"x1/8" VCT (Wax Floor)
F-3	CLEAR	HIGH GLOSS	BASF	MASTERKURE CC 300 SB, 3 COATS, MIN. - SEE FINISH NOTE E
BASE:				
B-1	BLACK	SMOOTH	ROPPE OR EQUAL	700 SERIES 4" RUBBER COVE BASE
B-2	SEE FINISH NOTE F		SILIKAL	SEAMLESS, RESINOUS SYSTEM
SOLID SURFACE:				
SS-1	BAJA MELANGE	#9030 ML	WILSONART	GIBALTER (WINDOW SILLS)

FINISH NOTES

- A. W-1 FINISH SHALL BE MARLITE. 090 PANELS. CONTACT (330) 343-6621. USE B-1 BASE w/ THIS WALL FINISH. REFER TO DETAIL 4/A-7.1
- B. W-2 FINISH IS AVAILABLE THROUGH CRANE COMPOSITES. CONTACT: KEVIN BELLINGER @ (704) 904-4730. REFER TO DETAIL 5/A-7.1.
- C. PROVIDE STANDARD FRP TRIMS & MOLDINGS IN COLORS TO MATCH FRP FOR FINISHES W-1 & W-2. COMPLY w/ MANUFACTURERS INSTALLATION GUIDELINES USING ONLY APPROVED ADHESIVES AND SEALANTS.
- D. INSIDE OF ALL VERTICAL CHASES TO BE PAINTED PT-5.
- E. PROVIDE LIGHT BROOM FINISH @ CONCRETE SURFACES SCHEDULED TO RECEIVE F-3.
- F. F-1 SHALL BE A SEAMLESS, RESINOUS QUARTZ FLOORING SYSTEM AS MANUFACTURED BY SILIKAL OR DUR-A-FLEX. QUARTZ FLOORING SYSTEM SHALL CONSIST OF 61 CQ SELF-LEVELING BLACK SURFACE COAT, FOLLOWED BY BROADCAST COAT (70% BLACK, 10% BLUE, 10% GREY, 10% WHITE), FOLLOWED BY TWO TOPCOATS OF R71 SEALER. INTEGRAL BASE IS INCLUDED AS PART OF THIS FLOORING SYSTEM. PROVIDE YELLOW CAUTION STRIPING AND BLUE END-OF-BAY MARKING INTEGRAL w/ FLOOR FINISH - SEE FLOOR PLAN. PAINT TO BE SHERWIN WILLIAMS, PROPAK WATERBORNE TRAFFIC PAINT - BLUE. FOR PRICING, DISTRIBUTION, AND INSTALLATION, CONTACT THE FOLLOWING:
*JOHN COTHRAN (SILIKAL) (864) 328-4572
*MATTHEW SIMPKINS (DUR-A-FLEX) (317) 690-4696
*GREG SOLTIS (RES-TEK) (404) 805-6494

FLOOR PLAN KEY NOTES: ⬡

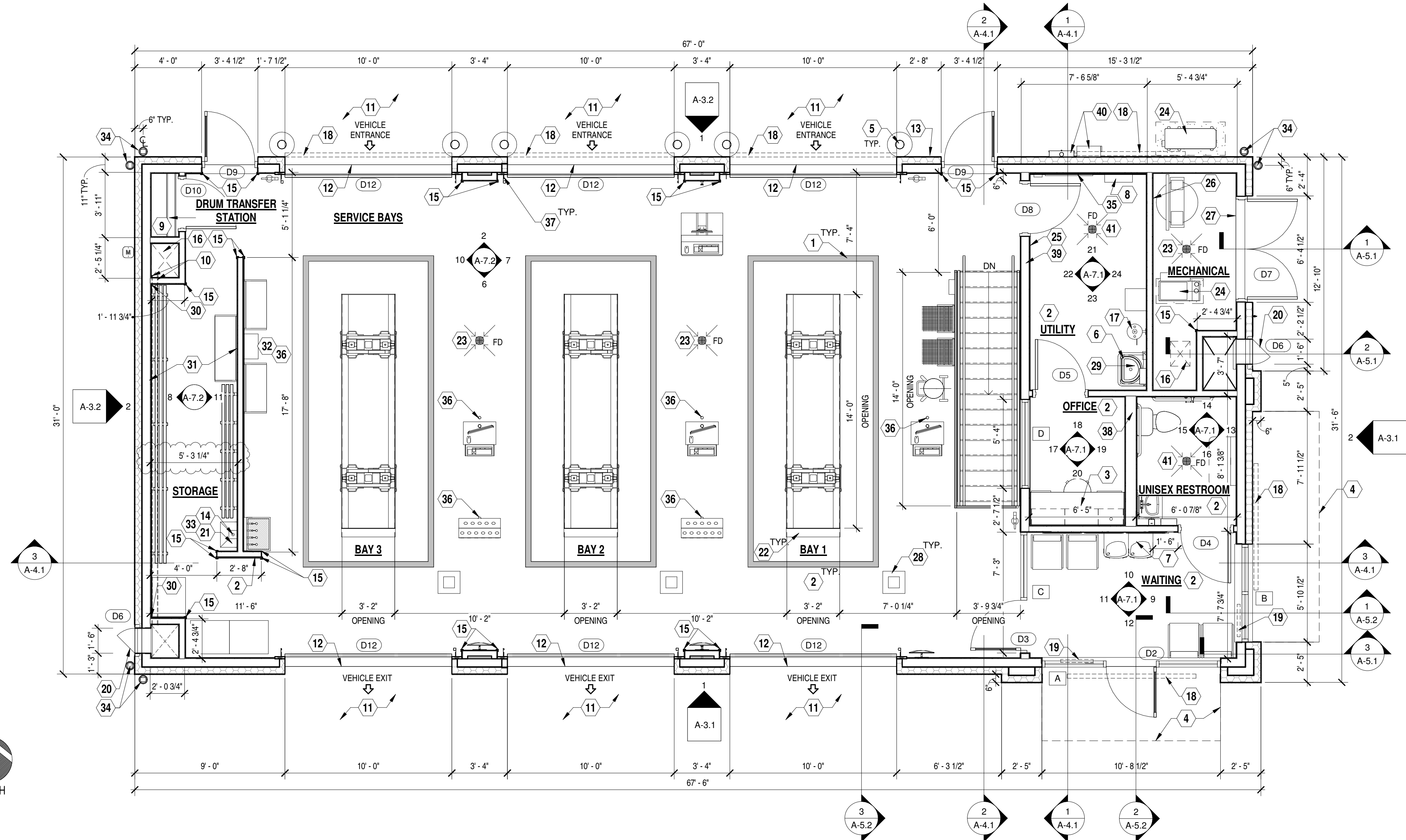
- YELLOW SAFETY STRIPE INTEGRAL W/FLOOR FINISH. REFER TO FINISH NOTE "F" & PIT OPENING PLAN DETAIL 1/A-9.1.
- FRP FINISH THIS WALL (OR AREA). PROVIDE/INSTALL TRIM AS REQUIRED. REFER TO FINISH SCHEDULE, INTERIOR ELEVATIONS, DETAILS 4 & 5/A-7.1
- PLASTIC LAMINATE COUNTERTOP AND WALL CABINETS. TOP OF FRP @ 52" A.F. REFER TO INTERIOR ELEVATIONS & DETAIL 6/A-7.1
- LINE OF METAL AWNING/CANOPY ABOVE. REFER TO DETAIL 14/A6.2.
- PIPE BOLLARD (SEE PLANS FOR QUANTITY/LOCATION). REFER TO DETAIL 6/A-10.1.
- SINK/LAV. REFER TO INTERIOR ELEVATIONS & PLUMBING.
- (2) WATER FOUNTAINS (H/L/O) REFER TO INTERIOR ELEVATIONS AND PLUMBING.
- ELECTRICAL PANEL. REFER TO ELECTRICAL.
- DRUM TRANSFER SHELVEING. REFER TO INTERIOR ELEVATIONS AND DETAIL 3/A-7.1.
- ROUTE LUBE BAR LINES DOWN IN SHAFT TO TANKS IN LUBE PIT.
- PROVIDE SEALED/ COLORED CONCRETE APRONS IN FRONT OF OVERHEAD DOORS. REFER TO CIVIL FOR EXTENT OF PAVING AND FINISH MATERIAL.
- EXTEND FLOOR FINISH (F-1) TO OUTER EDGE OF SLAB @ BAY DOORS.
- PROVIDE PVC SLEEVE ROUTED THROUGH CONCRETE SIDEWALK AND WALL FOR SERVICE BELL RINGER HOSE. COORDINATE REQUIREMENTS WITH VALVOLINE C.M. PRIOR TO SIDEWALK CURB INSTALLATION. SEE DETAIL 3/A2.1.
- PVC PIPE ROUTED THRU FLOOR SLAB TO LOWER LEVEL. UP OF PIPE TO EXTEND 1" BELOW CEILING. TOP OF PIPE TO EXTEND 10" ABOVE SLAB. PROVIDE PVC CAP. REFER TO STRUCTURAL.
- PROVIDE 1 1/4" x 1 1/4" x 16 GA. STAINLESS STEEL CORNER GUARDS OVER FRP PANELS. GUARDS TO STOP AT TOP OF FRP. REFER TO DETAIL 2/A-1.2.
- MECHANICAL DUCT. REFER TO MECHANICAL.
- EYEWASH LOCATION. REFER TO PLUMBING.
- LOCATION OF SIGNAGE ABOVE. REFER TO EXTERIOR ELEVATIONS AND SIGN SCHEDULE.
- 'OPEN' SIGNAGE. REFER TO EXTERIOR ELEVATIONS, SIGN SCHEDULE, AND ELECTRICAL.
- EXTERIOR ACCESS DOOR. REFER TO EXTERIOR ELEVATIONS & DOOR SCHEDULE.
- ANTIFREEZE FUNNEL BY G.C. MOUNTED ON WALL ABOVE PVC CHASE @ 30" AFF REFER TO DETAIL 8/A-7.1.
- ROYAL BLUE STRIPE INTEGRAL WITH FLOOR FINISH. REFER TO FINISH NOTE "F" & PIT OPENING PLAN DETAIL 1/A-9.1.
- SLOPE CONCRETE TOPPING APPROXIMATELY 30" Ø AROUND FLOOR DRAIN (TYP.).
- LOCATION OF MECHANICAL EQUIPMENT. REFER TO MECHANICAL.
- AIR PRESSURE SHUT OFF VALVE LOCATION FOR AIR COMPRESSOR.
- AUTO AIR DRYER. REFER TO OPERATIONS EQUIPMENT PLAN G-3.1. (COORDINATE LOCATION IN MECHANICAL ROOM WITH VIOC C.M.)
- SMOKE DETECTOR. (COORDINATE LOCATION IN MECHANICAL ROOM WITH VIOC C.M.)
- BLUE GUIDE SQUARE ON FLOOR - INTEGRAL WITH FLOOR FINISH. REFER TO FINISH NOTE "F" & PIT OPENING PLAN DETAIL 1/A-9.1.
- WATER HEATER ON SHELF ABOVE. REFER TO PLUMBING AND DETAIL 2/A-7.1.
- STOP POINT FOR FRP WALL FINISH.
- NO FRP WALL FINISH IN THIS LOCATION.
- AIRLINE PEDESTAL (BY OWNER).
- ANTI-FREEZE FUNNEL. REFER TO DETAIL 8/A-7.1.
- ALUMINUM DOWNSPOUT. REFER TO EXTERIOR ELEVATIONS AND ROOF PLAN.
- 3/4" PLYWOOD ON ENTIRE WALL. PAINT PT-1 (BY G.C.).
- 2" Ø HOLE TO BE CORE DRILLED THRU FLOOR. G.C. TO COORDINATE LOCATIONS WITH VIOC C.M.
- FURNISH AND INSTALL VESTIL OVERHEAD TRACK PROTECTOR - 24 1/4" HIGH =, MODEL #DSP-24 FROM NORTHERN TOOL + EQUIPMENT. SECURELY MOUNT TO FLOOR (EACH SIDE OF DOOR) TO COVER/ PROTECT VITECTOR ELECTRONIC EYES AND LIFTECH EQUIPMENT WITHOUT BLOCKING SIGHT LINE.
- USE 2x8 WOOD STUDS AT PLUMBING WALL.
- USE 2x6 WOOD STUDS AT STAIR WALL.
- LOCATION OF ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL.
- SLOPE CONCRETE TOPPING APPROXIMATELY 30" Ø AROUND FLOOR DRAIN. SLOPE OF CONCRETE SHALL NOT EXCEED 1:48

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- B. ALL EXTERIOR WALLS & AREAS ABOVE CEILINGS (JOIST & TRUSS SPACES) SHALL BE PROVIDED WITH BATT INSULATION TO ACHIEVE A COMPLETELY INSULATED THERMAL ENVELOPE AS REQUIRED. PROVIDE VAPOR BARRIER PER LOCAL CLIMATE REQUIREMENTS. BLOWN-IN INSULATION IS UNACCEPTABLE.
- C. ALL GYPSUM BOARD IN SERVICE BAYS AND STORAGE AREA SHALL BE 5/8" HIGH ABUSE FIRE SHIELD BY NATIONAL GYPSUM.
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- G. REFER TO STRUCTURAL FOR FLOOR PENETRATION LOCATIONS
- H. POLYETHYLENE VAPOR BARRIER TO BE USED ON WALL/ CEILING APPLICATIONS WHERE UNFACED BATT INSULATION IS USED.

KEY TO WALL TYPES

- EXTERIOR WALL: EXTERIOR FINISH, OVER AIR/MOISTURE BARRIER, OVER PLYWOOD SHEATHING (PER STRUCTURAL), OVER 2x6 WALL STUDS (TYPE & SPACING PER STRUCTURAL). PROVIDE 5/8" HIGH ABUSE GYPSUM BOARD ON INTERIOR FACE OVER POLYETHYLENE VAPOR BARRIER. INSULATE STUD CAVITY WITH BATT INSULATION.
- INTERIOR WALL: 2x4 STUDS @ 16" O.C. (U.N.O.) OR 2x6, 2X8 WHERE NOTED ON PLANS, w/ P-7.1 SILL PLATE AND DOUBLE TOP PLATES w/ 5/8" GYPSUM BOARD EACH SIDE. EXTEND WALL AND SECURE TO STRUCTURE. INSULATE STUD CAVITY WITH SOUND BATTS WHERE NOTED. INTERIOR WALLS IN THE LOWER LEVEL SHALL EXTEND UP TO THE UNDERSIDE OF THE METAL FLOOR DECK.
- NOTE: REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.



1 FLOOR PLAN - UPPER LEVEL
A-1.2 Scale: 1/4" = 1'-0"

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