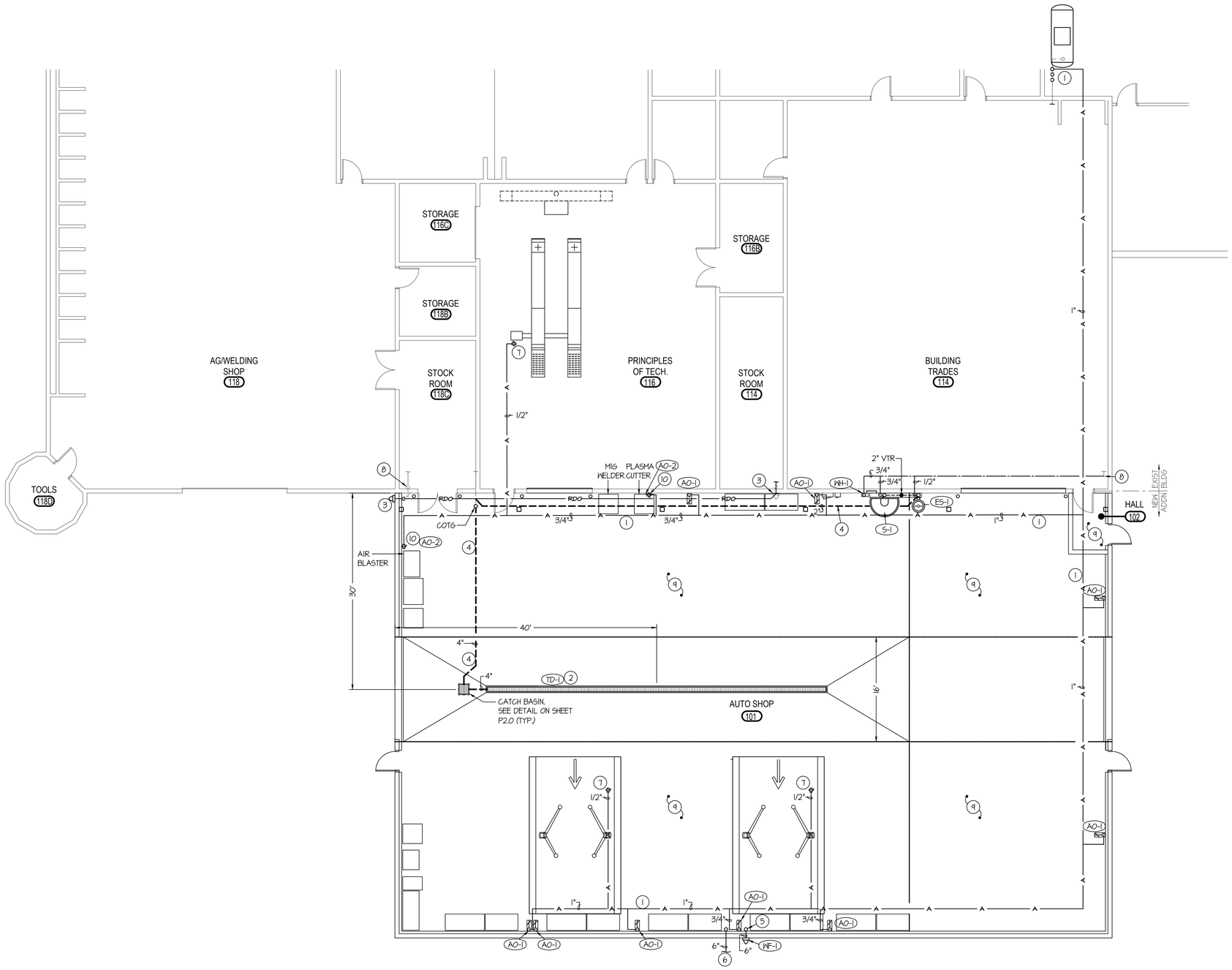

MAIN LEVEL PLUMBING PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. RUN AIR LINES AS HIGH AS POSSIBLE. DROP FOR AIR OUTLETS. TIE NEW 1" LINE INTO EXISTING 1" AT TANK WITH REGULATOR. FIELD VERIFY EXACT LOCATION OF EXISTING COMPRESSOR & AIR LINES. SEE DETAILS ON SHEET P2.0 FOR TYPICAL INSTALLATION AND CONNECTION DETAILS.
2. TRENCH DRAIN MODEL TO COME IN 80" SEGMENTS FOR A TOTAL LENGTH OF 640". SEE DETAIL SHEET P2.0 FOR TYPICAL INSTALLATION.
3. REMOVE EXISTING SCUPPER AND EXPOSED VERTICAL PORTION OF PIPE. EXTEND PIPING TO NEW SCUPPER LOCATION. RUN NEW ROUTE AS HIGH AS POSSIBLE. FIELD VERIFY AND MAINTAIN EXISTING ROOF DRAIN SIZE AND SLOPE. PATCH EXISTING WALL PENETRATION AS REQUIRED. SEE ARCHITECT PLANS FOR FINISHING.
4. RUN NEW WASTE TO NEAREST EXISTING 4" OR LARGER WASTE LINE. FIELD VERIFY SIZE, SLOPE, ROUTE AND ELEVATION OF EXISTING WASTE LINE.
5. SEE P1.2 FOR CONTINUATION. KEEP DROP AWAY FROM CABINET OR WORK BENCH. SEE ARCHITECT PLANS FOR EXACT LOCATIONS.
6. SEE SITE PLAN FOR CONTINUATION. OF ROOF DRAIN LINE.
7. MOUNT 1/2" THREADED BALL VALVE AT BOTTOM OF ROOF TRUSSES AND CONNECT TO MAIN AIR LINE WITH 1/2" BRANCH LINE FOR HOIST BY OWNER.
8. REMOVE EXISTING HOSE BIBB AND WATER LINE THRU WALL AND BACK TO CEILING. RUN NEW FOR NEW EYE WASH STATION & SINK.
9. EXTEND EXISTING FIRE SPRINKLER SYSTEM INTO NEW ADDITION TO MEET NFPA 13.
10. DROP 3/4" AIR LINE DOWN WALL WITH SHUT-OFF VALVE AND QUICK DISCONNECT FOR CONNECTION TO OWNER PROVIDED EQUIPMENT. MOUNT VALVE AT 6' AFF.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
V	VENT
VTR	VENT THRU ROOF
CO	CLEANOUT
WCO	WALL CLEANOUT
COTG	CLEANOUT TO GRADE
G	PIPE DROP
G	PIPE RISE
	BALL TYPE ISOLATION VALVE
SW	SOIL OR WASTE PIPING
V	VENT LINE PIPING
CW	DOMESTIC COLD WATER PIPING
HW	DOMESTIC HOT WATER PIPING
HWR	HOT WATER RECIRC. PIPING
G	GAS PIPING
CD	CONDENSATE DRAIN PIPING
RDL	ROOF DRAIN PIPING
RDO	ROOF OVERFLOW DRAIN PIPING

GENERAL NOTES:

A- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONNECTIONS ON THE JOB SITE. ALL WORK SHALL BE EXECUTED FROM MEASUREMENTS TAKEN AT THE SITE.

B- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSURE PROPER CODE CLEARANCES FOR ELECTRICAL AND MECHANICAL ACCESS WHEN INSTALLING ANY EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR.

C- IT IS CRITICAL THAT THIS CONTRACTOR COORDINATE EQUIPMENT LOCATIONS WITH PIPING, DUCTWORK, ELECTRICAL CONDUIT AND BUILDING STRUCTURE TO INSURE CODE COMPLIANCE.

D- CEILING DIFFUSERS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO LIGHTING PLANS AND REFLECTED CEILING PLAN FOR EXACT LOCATIONS.

E- DUCT DIMENSIONS CALLED OUT ON DRAWINGS ARE INSIDE FREE AREA DIMENSIONS. ACOUSTICAL DUCT LINER ARE TO BE ADDED TO OVERALL MEASUREMENTS.

F- ALL DUCTWORK AND PIPING WHICH PASSES THRU FIRE RATED WALLS TO BE FIRE STOPPED WITH APPROVED FOAM OR SEALANT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURES.

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: Jan 25, 2019
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
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PROJECT: TECHNICAL CAREER CENTER FOR:
STAR VALLEY HIGH SCHOOL
LINCOLN COUNTY SCHOOL DISTRICT NO. 2
445 SWIFT CREEK LANE, AFTON, WYOMING 83110

SHEET TITLE: MAIN LEVEL PLUMBING PLAN

REVISIONS

PROJECT NO. 16061
DATE: MARCH 2019
DRAWN BY: T DAVIS
CHECKED BY: D SUDWEEKS

DRAWING NO.: P1.1

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