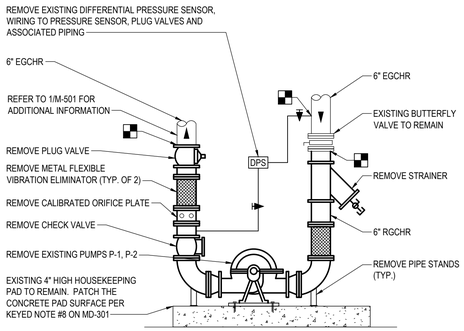
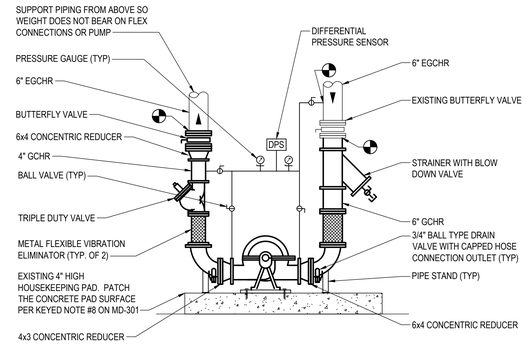


1 VERTICAL SPLIT CASE PUMP P-1 & P-2 REMOVALS DETAIL

SCALE: NOT TO SCALE



2 VERTICAL SPLIT CASE PUMP P-1 & P-2 DETAIL

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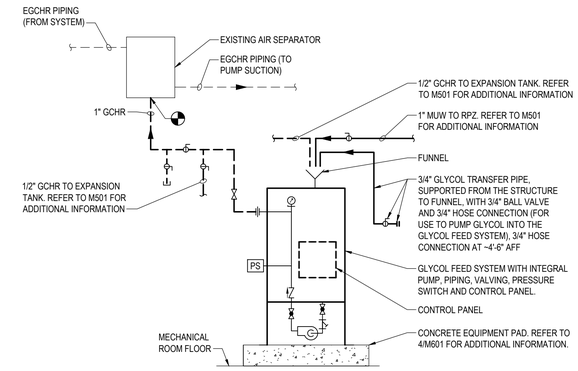
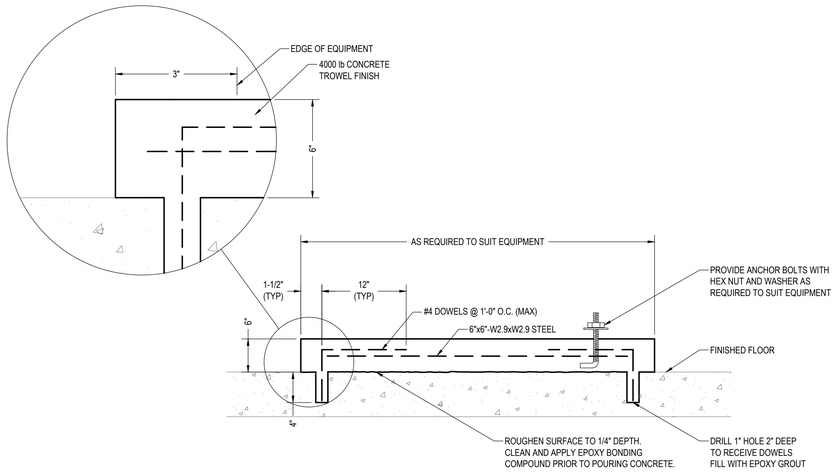


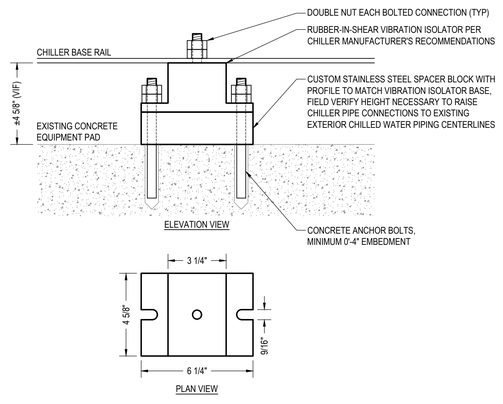
3 GLYCOL FEED SYSTEM DETAIL

SCALE: NOT TO SCALE



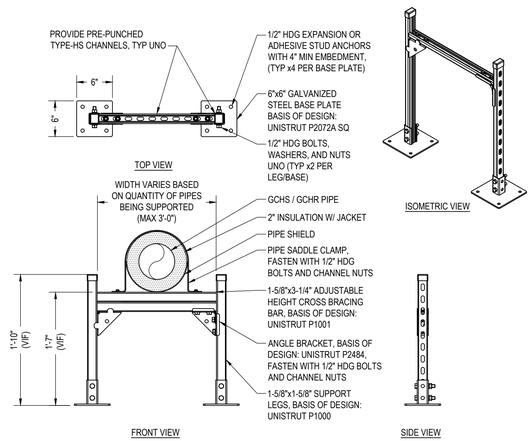
4 INTERIOR CONCRETE EQUIPMENT PAD DETAIL

SCALE: NOT TO SCALE



5 CHILLER BASE SUPPORT DETAIL

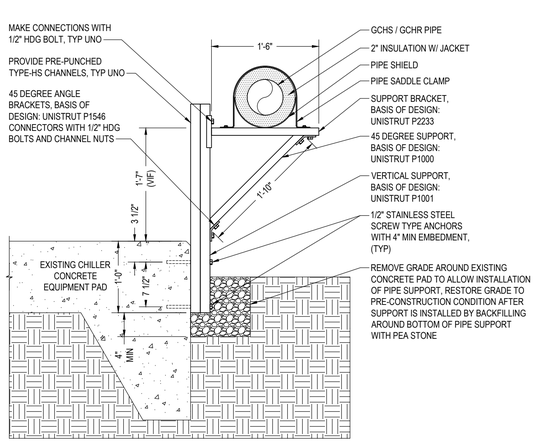
SCALE: NOT TO SCALE



6 FIXED BASE MOUNTED PIPE SUPPORT DETAIL

SCALE: NOT TO SCALE

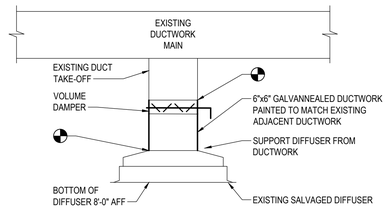
NOTES:
1. PROVIDE PIPE INSULATION SHIELD AT EACH INSULATED PIPE BEING SUPPORTED.
2. PROVIDE SPACER BELOW PIPE INSULATION SHIELD WHERE ONE SUPPORT SERVES TWO PIPES WITH DIFFERING NOMINAL PIPE SIZES.
3. EXACT HEIGHT OF SUPPORT FOR PIPING THAT CONNECTS TO CHILLERS SHALL BE FIELD VERIFIED WITH ACTUAL CHILLER CONNECTION HEIGHTS AND EXISTING CONCRETE PAD HEIGHT.
4. UNIVERSAL FRAMING CHANNELS (BASIS OF DESIGN: UNISTRUT), CONNECTORS, BRACKETS, FASTENERS, ETC SHALL BE HOT DIPPED GALVANIZED.



7 CANTILEVER TYPE PIPE SUPPORT DETAIL

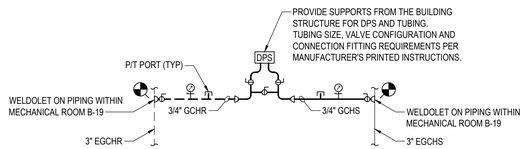
SCALE: NOT TO SCALE

NOTES:
1. PROVIDE PIPE INSULATION SHIELD AT EACH INSULATED PIPE BEING SUPPORTED.
2. PROVIDE SPACER BELOW PIPE INSULATION SHIELD WHERE ONE SUPPORT SERVES TWO PIPES WITH DIFFERING NOMINAL PIPE SIZES.
3. EXACT HEIGHT OF SUPPORT FOR PIPING THAT CONNECTS TO CHILLERS SHALL BE FIELD VERIFIED WITH ACTUAL CHILLER CONNECTION HEIGHTS AND EXISTING CONCRETE PAD HEIGHT.
4. UNIVERSAL FRAMING CHANNELS (BASIS OF DESIGN: UNISTRUT), CONNECTORS, BRACKETS, FASTENERS, ETC SHALL BE HOT DIPPED GALVANIZED.
5. PIPE SUPPORT SHALL BE PROVIDED IN ORIENTATION SHOWN OR ROTATED 90 DEGREES, REFER TO DRAWING 1/M-301 FOR PIPE SUPPORT ORIENTATION.



8 DIFFUSER CONNECTION DIAGRAM

SCALE: NOT TO SCALE



9 DIFFERENTIAL PRESSURE SENSOR PIPING DIAGRAM

SCALE: NOT TO SCALE

NEW YORK STATE OF OPPORTUNITY. Office of Mental Health

CONSULTANT

CERTIFICATE OF AUTHORIZATION #: 017869

Friedman Fisher Associates, P.C.

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

STATE OF NEW YORK · DANIEL C. DeMARCELLO · 081462 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: 10/31/24

CONTRACT: HVAC

TITLE: REPLACE BUILDING CHILLERS, BUILDING 144

LOCATION: COOK CHILL PRODUCTION CENTER 145 OLD ORANGEBURG ROAD ORANGEBURG, NY

CLIENT: OFFICE OF MENTAL HEALTH

	12/6/2023	BID DOCUMENTS
MARK	DATE	DESCRIPTION

PROJECT NUMBER:	47430 - H
DESIGNED BY:	CHS
DRAWN BY:	CHS
FIELD CHECK:	
APPROVED:	

SHEET TITLE: DETAILS

DRAWING NUMBER: M-601

SHEET 11 OF 18

FILE: R:\PROJECTS\9143 - OGS ORANGEBURG CHILLER REPLACEMENT_CAD\9143 - M-601.DWG USER: CHRISTOPHER STROM
SAVED: 11/15/2023 10:15:34 AM PLOTTED: 12/14/2023 11:34:10 AM