



X" SUMP VENT

WALL MOUNTED PUMP CONTROL WITH HIGH WATER ALARM LIGHT AND BUZZER; PROVIDE AUXILIARY CONTACTS FOR CONNECTION TO B.A.S.

PROVIDE RAIL SYSTEM FOR PUMP REMOVAL  
STEEL COVER PLATE. BOLT TO FLOOR WITH VAPOR SEAL

X" C.I. INLET PIPE

VERIFY

EXPANSION JOINT; ALL AROUND BASIN AT FLOOR SLAB

HIGH WATER ALARM POSITION AT INVERT OF INLET

6"  
6"

ANCHOR PUMP LIFT CHAIN TO INSPECTION COVER PLATE

STAND-BY PUMP 'ON'

LEAD PUMP 'ON'

PUMP DISCHARGE SEE SCHEDULE FOR SIZES

PUMP 'OFF'

SUMP PUMPS

PRECAST REINFORCED CONCRETE SUMP BASIN. HOLDING CAPACITY SEE SCHEDULE FOR SUMP BASIN DIMENSIONS

95% COMPACTED BEDDING MATERIAL

**Colorado State University**  
FACILITIES PLANNING, DESIGN  
AND CONSTRUCTION STANDARDS

DATE: 03/04/2021

MECHANICAL  
DIV.23

DRAWING:  
M-26

DUPLEX SUMP PUMP DETAIL