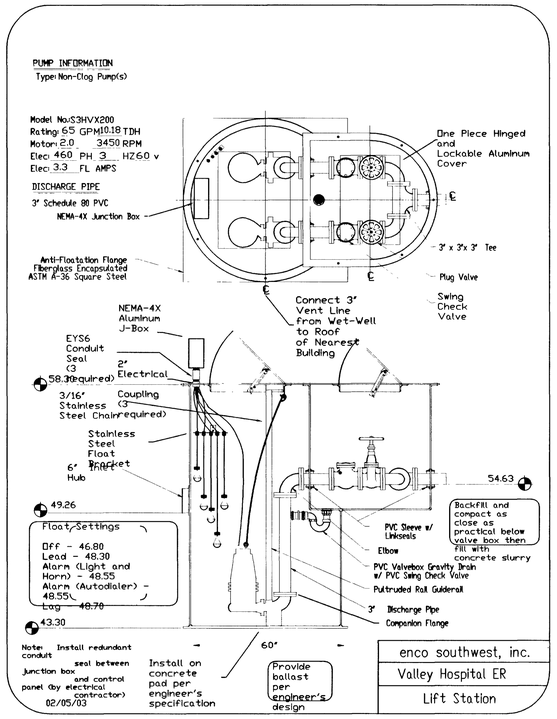


LIFT STATION DETAIL

N.T.S.

SPECIFICATIONS
STORMWATER PUMP STATION

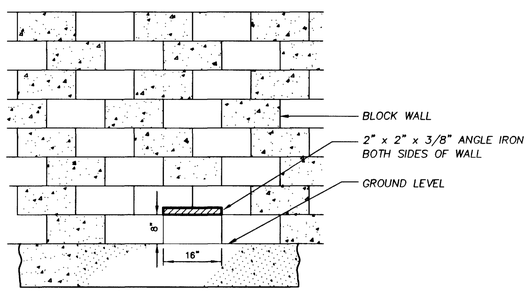
CONTRACTOR TO PROVIDE: TWO (2) HYDROMATIC MODEL S6LX1500 SUBMERSIBLE PUMPS, 460 VOLTS, 3 PHASE, 15.0 HP, ONE (1) CONCRETE BASIN INSTALLATION PACKAGE CONSISTING OF HYDROMATIC PULTRUDED RAIL QUICK DISCONNECT SYSTEM CONSISTING OF DISCHARGE ELBOWS, PULTRUDED GUIDE RAILS, STAINLESS STEEL FLOAT BRACKET, NEMA-4X ALUMINUM JUNCTION BOX WITH KELLUM'S GRIPS AND CONDUIT SEALS, GALVANIZED STEEL LIFTING CHAINS WITH SHACKLES, ONE (1) HYDROMATIC U.L. 913 DUPLEX CONTROL PANEL COMPLETE WITH CIRCUIT BREAKERS, MOTOR STARTERS, HAND-OFF-AUTOMATIC SWITCHES, ALTERNATOR, LEAD/LAG CIRCUITRY, HIGH WATER ALARM WITH FLASHING RED LIGHT AND HORN, DUPLEX ELAPSED TIME METERS, SURGE ARRESTOR, AND LEAD PUMP SELECTOR SWITCH, PUMP EXERCISE CIRCUITRY, AND FIVE (5) ANCHOR SCIENTIFIC MODEL SM30NO CONTROL FLOATS.

ALL PUMP STATION EQUIPMENT SHALL BE PROVIDED BY A SINGLE SUPPLIER TO ENSURE SUITABILITY AND COMPATIBILITY OF EQUIPMENT.

FOR FURTHER INFORMATION ON LIFT STATION COMPONENTS CONTACT: ENCO SOUTHWEST, INC., 1426 PUEBLO DRIVE, BOULDER CITY, NEVADA 89005, (702) 293-4134.

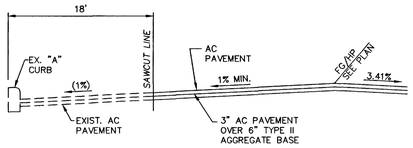
PUMP SPECIFICATIONS

N.T.S.



WALL OPENING

N.T.S.



SECTION 'D'

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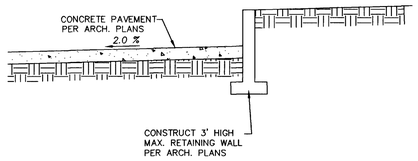

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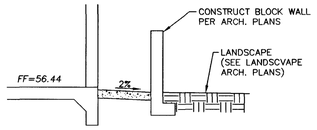

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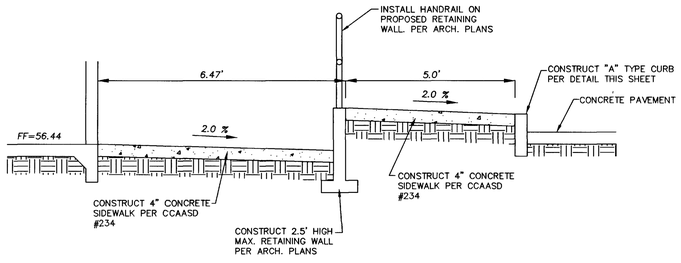

SECTION 'B'

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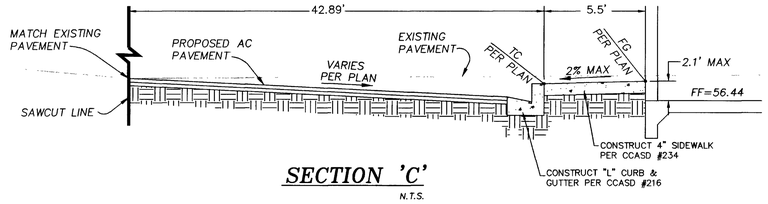

SECTION 'C'

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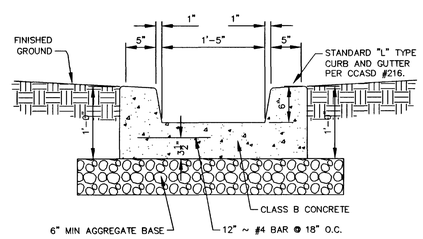
FINISHED GROUND
1"
1"
5"
1'-5"
5"
STANDARD "L" TYPE CURB AND GUTTER PER CCASD #216.
6"
1'-6"
1'-6"
4"
4"
4