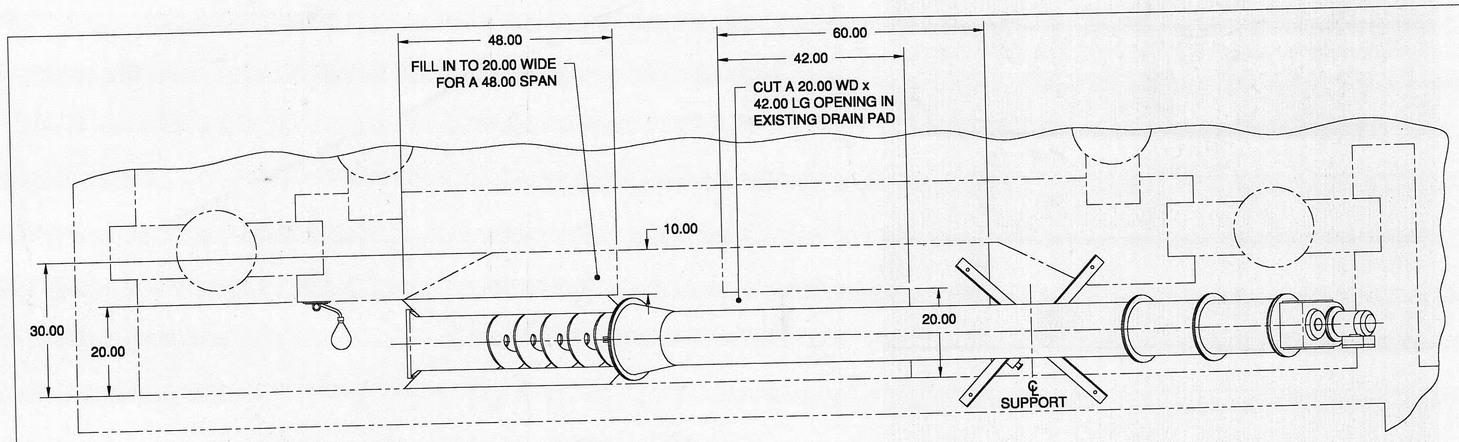

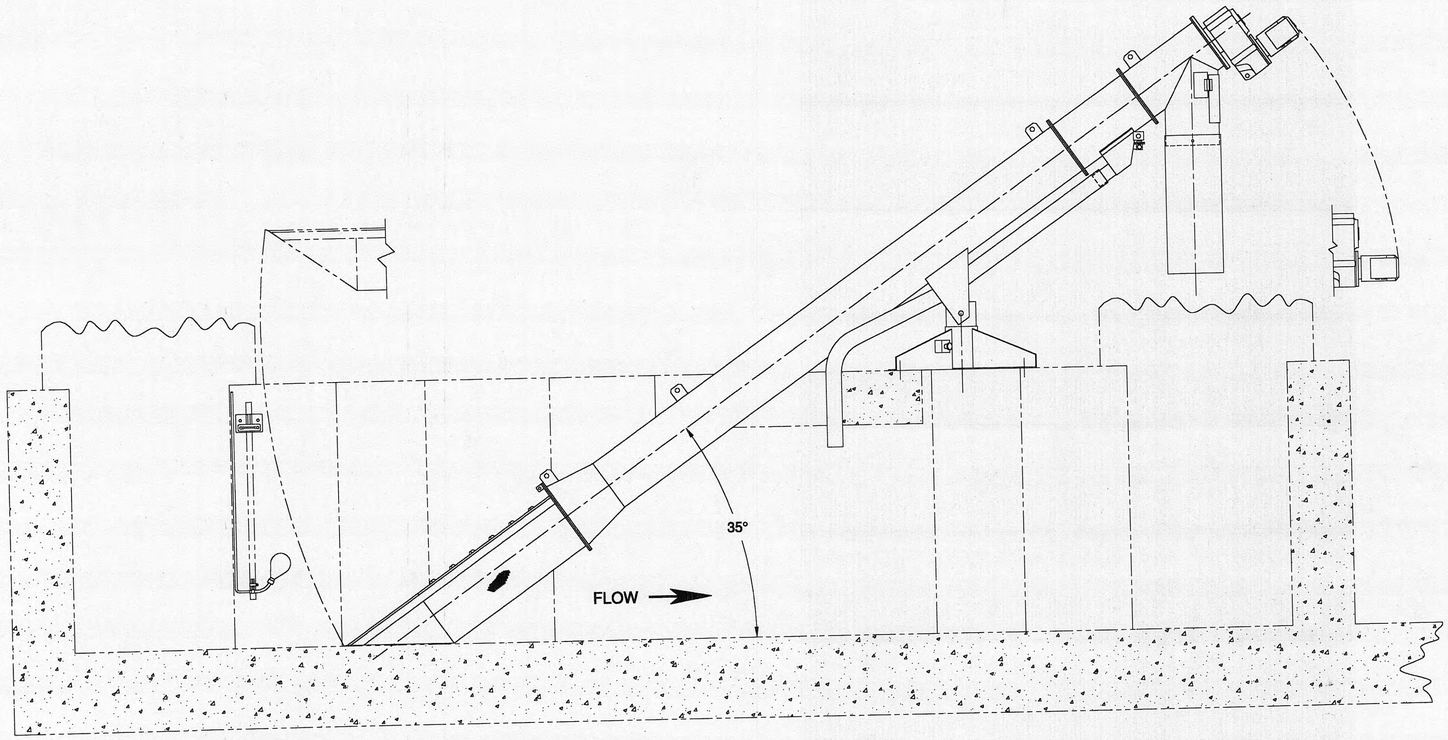

NOTE:

1. ALL 304L STAINLESS STEEL CONSTRUCTION EXCEPT FOR REDUCER, MOTOR, SPIRAL, ELECTRICAL FIXTURES, DISCHARGE CHUTE, AND CHANNEL SEALS.
2. GEARMOTOR: 1 HP, 1800 RPM, 230/460 V, 3 PH, 60 HZ, TEFC, SEVERE DUTY.
3. SPIRAL SPEED: 7.5 RPM.
4. SCREEN OPENING: Ø.25.
5. RECOMMENDED CLEARANCE TO BE 36.00 AROUND AND ABOVE UNIT.
6. WEIGHT: 1,600 LB.
7. DIMENSIONS WRITTEN IN INCHES UNLESS OTHERWISE SPECIFIED.
8. PROVIDE SUFFICIENT FLEXIBILITY IN WATER AND ELECTRICAL CONNECTIONS TO ALLOW THE UNIT TO PIVOT OUT OF THE CHANNEL. ALL INTERCONNECTING WIRING, CONDUIT AND PIPING FROM UNIT MOUNTED DEVICES WILL BE SUPPLIED BY OTHERS.

(9) GROUND CLEARANCE FOR DISCHARGE RECEPTACLE. DO NOT REMOVE FLEXIBLE DISCHARGE CHUTE/GUARD.

(10) NEMA 4X SOLENOID VALVE: 1/2" NPT CONDUIT CONNECTION.

(11) MOTOR: 2X 1/2" NPT CONDUIT CONNECTION.

(12) NEMA 4X INTERLOCK SWITCH: 6 FOOT INTEGRAL CABLE.

(13) NEMA 4X LOCAL E-STOP: 1/2" NPT CONDUIT CONNECTION.

(14) FLOAT SWITCH: 20 FOOT INTEGRAL CABLE (MOUNTING BRACKET INCLUDED; 1" PIPE PROVIDED BY OTHERS).

(15) UNIT IS BASKET END HEAVY. CUSTOMER MUST PROVIDE LIFTING DEVICE TO PIVOT UNIT OUT OF CHANNEL. LIFTING CAPABILITY MUST EQUAL A MINIMUM OF 60% OF UNIT WEIGHT, APPLIED AT LIFTING POINT SHOWN. CHANNEL MUST BE EMPTY AND SCREEN BASKET CLEAR OF SOLIDS.

16. STANDARD UNIT SHOWN. CONSULT HYCOR CORPORATION OR YOUR LOCAL HYCOR REPRESENTATIVE FOR AVAILABLE OPTIONS.

P:\TEMP\KSH\HLS_HLC\PRECUST\HARRIMAN.DWG

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X Preliminary ___ Information Only
___ For Approval ___ Dimensions Certified

This drawing is limited to functional design, general arrangement and clearance. No responsibility is accepted by Waterlink, Inc for other dimensions, quantities, or coordination with other equipment or drawings except as stated in the purchase order.

By _____ Date _____

REV	DESCRIPTION	DATE	REFERENCE INFORMATION

PROJECT NAME: HARRIMAN WASTEWATER TREATMENT PLANT HARRIMAN, TENNESSEE

DRAWN BY	DATE
ALT	03/01/99
CHECKED BY	DATE
JGN	03/01/99
SCALE	
3/8" = 12"	

TITLE: HLS400 HYCOR® HELISIEVE® UNIT

DRAWING NO.: HARRIMAN

REV:

S-260-D