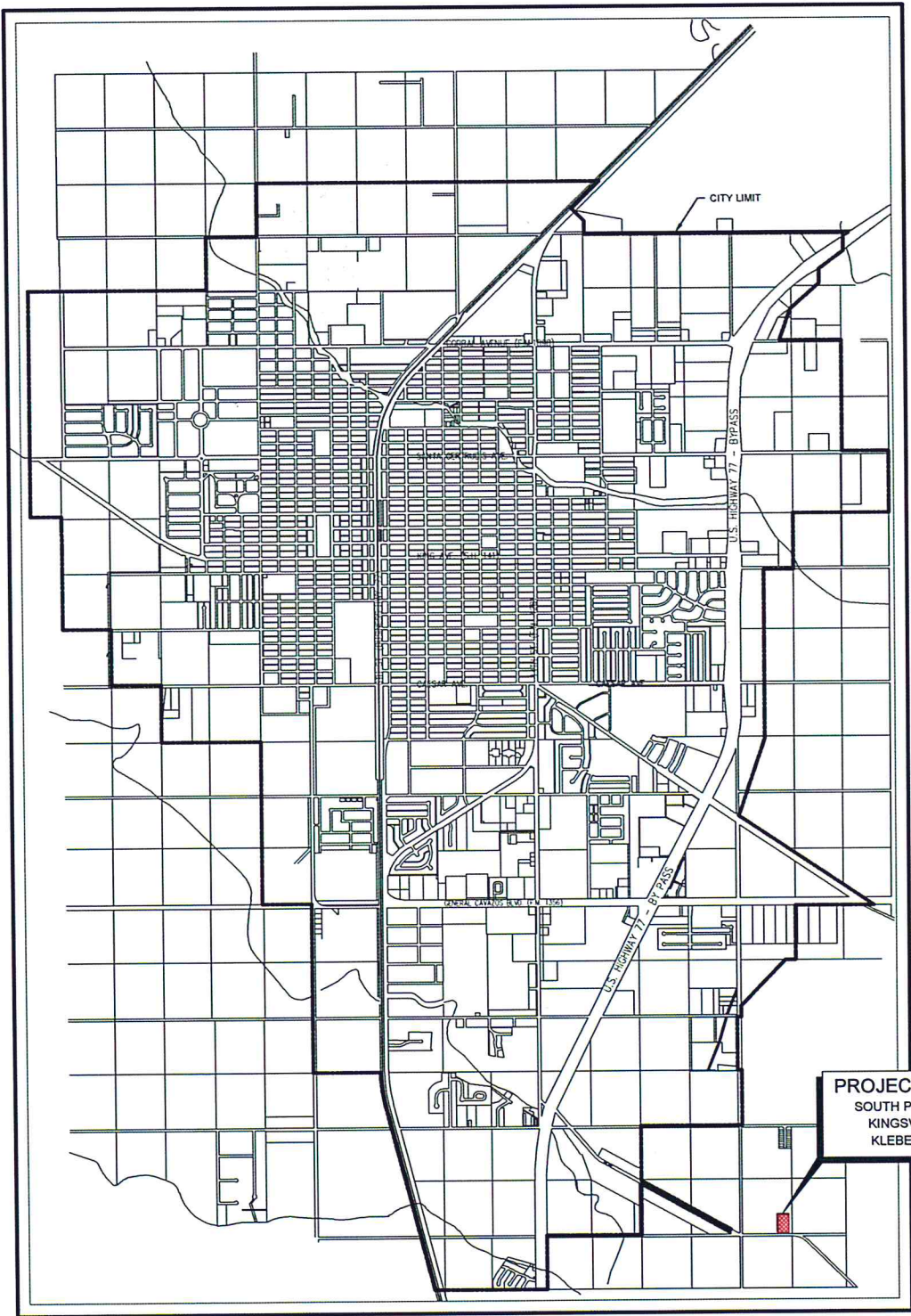


CITY OF KINGSVILLE

2019 SOUTHSIDE WASTEWATER TREATMENT PLANT PRIMARY CLARIFIER EQUIPMENT REPLACEMENT



LOCATION MAP
SCALE: NOT TO SCALE

SHEET INDEX		
SHEET	DWG. NO.	TITLE
1	C1	TITLE SHEET
2	C2	OVERALL LAYOUT PLAN AND NOTES
3	C3	CLARIFIER PLANVIEW
4	C4	CLARIFIER ELEVATION
5	C5	CLARIFIER DETAILS

MAYOR
SAM FUGATE

CITY MANAGER
JESUS A. GARZA

CITY ENGINEER
RUTILIO P. MORA, JR., P.E.

CITY COMMISSIONERS
HECTOR M. HINOJOSA
DIANNE LEUBERT
ARTURO PECOS
EDNA LOPEZ



Rutilio P. Mora, Jr.
4/23/19



VICINITY MAP
SCALE: 1:500'

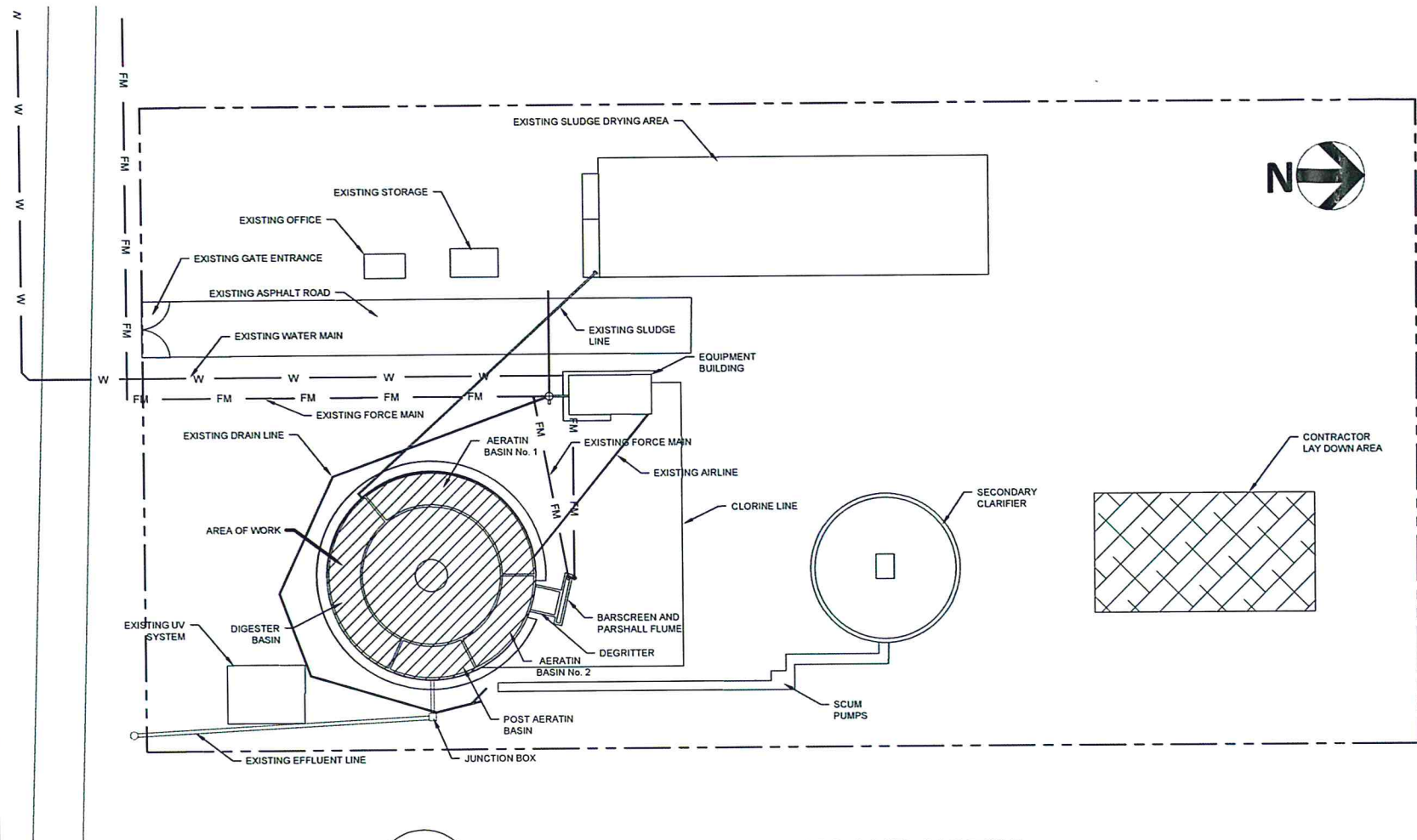
CITY OF KINGSVILLE
ENGINEERING DEPARTMENT
400 W. King Avenue
Kingsville, Texas 78363
Office 361.595.8007
Fax 361.595.8035



Drawn by: R. TOVAR
Date: 01/03/2019
Revised by: R. MORA
Job:
Scale: N.T.S.

2019 SOUTH SIDE WASTEWATER
TREATMENT PLANT PRIMARY CLARIFIER
EQUIPMENT REPLACEMENT

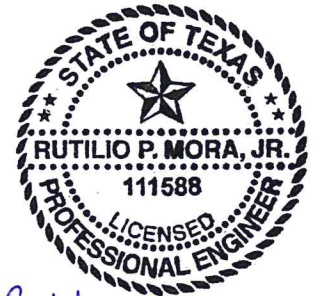
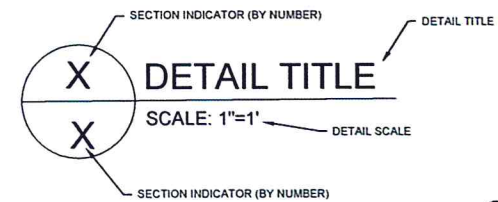
TITLE SHEET



1 OVERALL LAYOUT PLAN AND NOTES
C2 SCALE: N.T.S.

GENERAL NOTES

- EXISTING UTILITIES SHOW ARE APPROXIMATE ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING DIG TESS AND PROPER UTILITY OWNERS PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS WITH THE PROPOSED IMPROVEMENTS BEFORE PROCEEDING.
- UTILITIES TO BE ABANDONED SHALL BE MAINTAINED BY THE CONTRACTOR AND REMAIN IN SERVICE UNTIL THE APPROPRIATE SERVICE TRANSFER HAVE BEEN COMPLETED BY CONTRACTOR AND ACCEPTED FOR USES BY THE OPERATING DEPARTMENT.
- ALL OPEN EXCAVATIONS LEFT OVERNIGHT SHALL BE ENCLOSED WITH ORANGE SAFETY FENCE.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT EXISTING UTILITIES. ALL PIPES AND UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED TO THE CITY'S SATISFACTION, AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL COORDINATE AND RECEIVE APPROVAL FOR CONSTRUCTION LAY DOWN AREA FROM CITY PERSONNEL.
- THE CONTRACTOR SHALL COORDINATE WITH THE CITY TO DETERMINE TIME FOR PLANT PROCESS AND EQUIPMENT SHUTDOWN.
- ALL WORK SHALL BE PERFORMED DURING DAYLIGHT HOURS.
- CONTRACTOR SHALL VERIFY DIMENSIONS ON PLANS PRIOR TO ORDERING EQUIPMENT.
- ALL DIMENSIONS ON PLANS ARE FROM RECORD DRAWINGS BUT SHALL BE VERIFIED BY CONTRACTOR.



Rutilio P. Mora Jr.
 4/23/19

TYPICAL LEGEND / SYMBOLS

EXISTING	PROPOSED	
— DHE — DHE —	— DHE — DHE —	OVER HEAD ELEC. LINE
— OHT — OHT —	— OHT — OHT —	OVER HEAD TELEPHONE
— SS — SS —	— SS — SS —	STORM SEWER LINE
— W — W —	— W — W —	WATER LINE
— WW — WW —	— WW — WW —	WASTEWATER LINE
— FM — FM —	— FM — FM —	FORCE MAIN
— UGE — UGE —	— UGE — UGE —	UNDERGROUND ELECTRIC
— UGT — UGT —	— UGT — UGT —	UNDERGROUND TELEPHONE
— GAS — GAS —	— GAS — GAS —	GAS LINE
— — — — —	— — — — —	PROPERTY LINE
•	•	LIGHT POLE
•	•	POWER POLE
•	•	GUY WIRE
•	•	CHAIN LINK FENCE
•	•	WASTEWATER MANHOLE
•	•	STORMSEWER MANHOLE
•	•	CLEAN OUT
•	•	DRAINAGE INLET
•	•	CURB INLET

1 CLARIFIER ELEVATION
C4 SCALE: 1' = 50"



Natalie R. Man 3r
 4/23/19

THIS ELEVATION OR DIMENSION
SHALL BE FIELD VERIFIED

PROJECT: KINGSVILLE, TEXAS
SOUTH W.W.T.P.

REPLACEMENT OF PACKAGE PLANT
70'-0" DIA. CLARIFIER

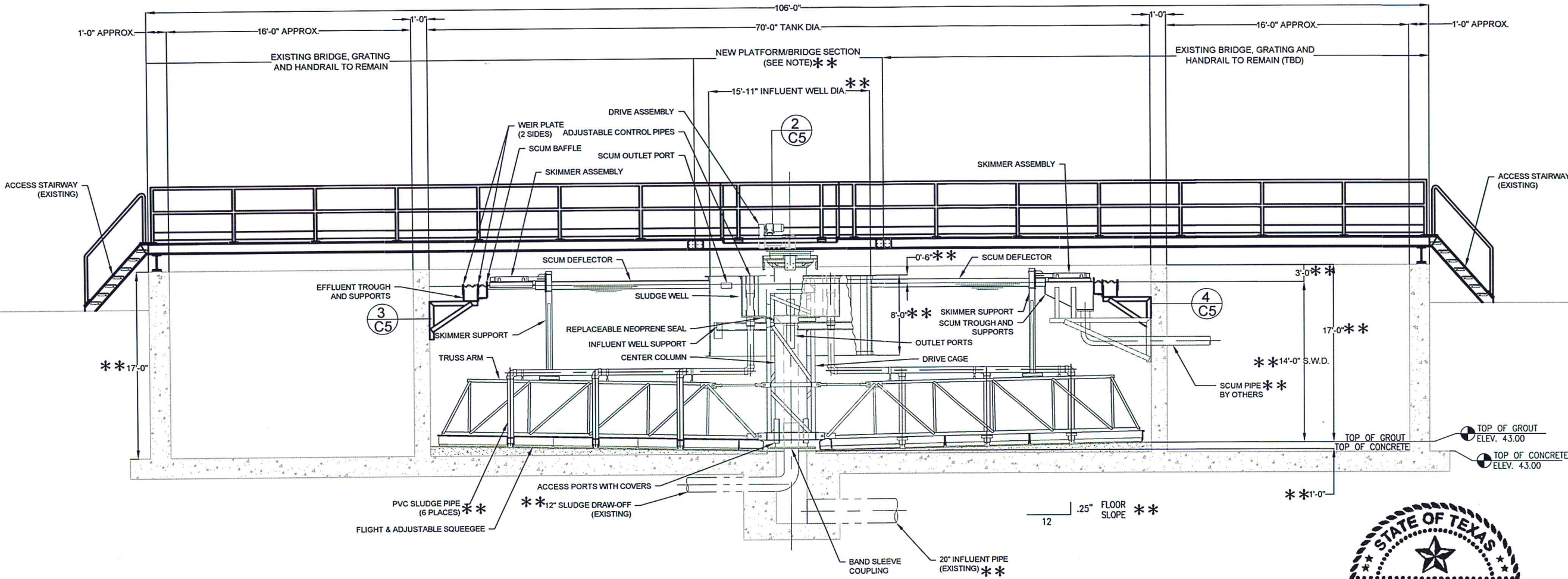


Drawn by: R. TOVAR
Date: 01/03/2019
Revised by: R. MORA
Job:
Scale: 1"=50"

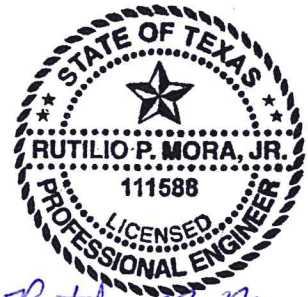
2019 SOUTH SIDE WASTEWATER TREATMENT PLANT PRIMARY CLARIFIER EQUIPMENT REPLACEMENT

ELEVATION VIEW

NOTE:
HANDRAIL IN ACCESS PLATFORM
AREA TO REMAIN. NEW PLATFORM WILL
BE DESIGNED TO USE EXISTING
HANDRAIL BASE MOUNTING DIMENSIONS.



1 CLARIFIER ELEVATION
C4 SCALE: 1' = 50"



Rutilio P. Mora Jr.
4/23/19

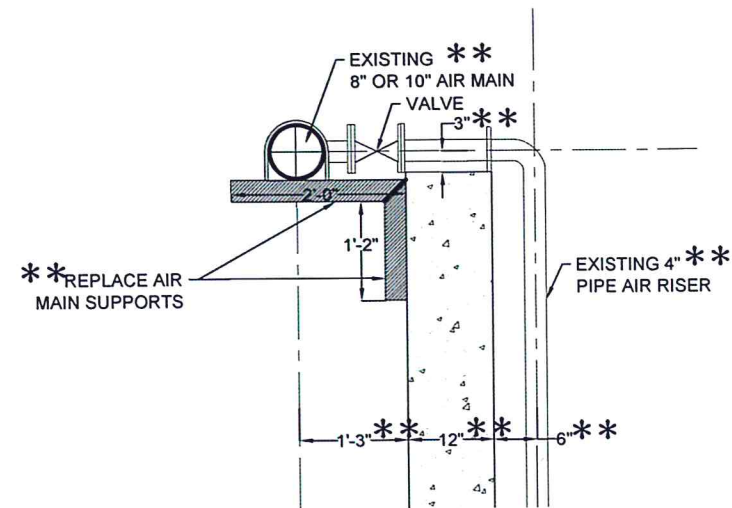
THIS ELEVATION OR DIMENSION
SHALL BE FIELD VERIFIED

PROJECT: KINGSVILLE, TEXAS
SOUTH W.W.T.P.
REPLACEMENT OF PACKAGE PLANT
70'-0" DIA. CLARIFIER

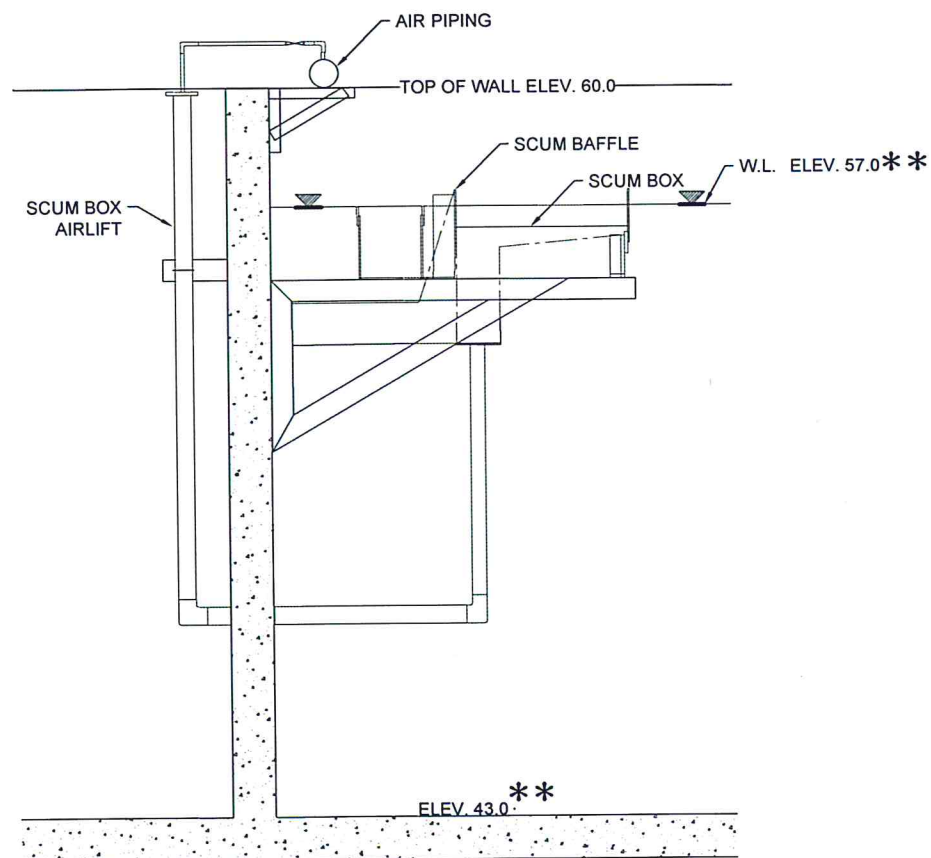


Drawn by: R. TOVAR
Date: 01/03/2019
Revised by: R. MORA
Job:
Scale: 1" = 50'

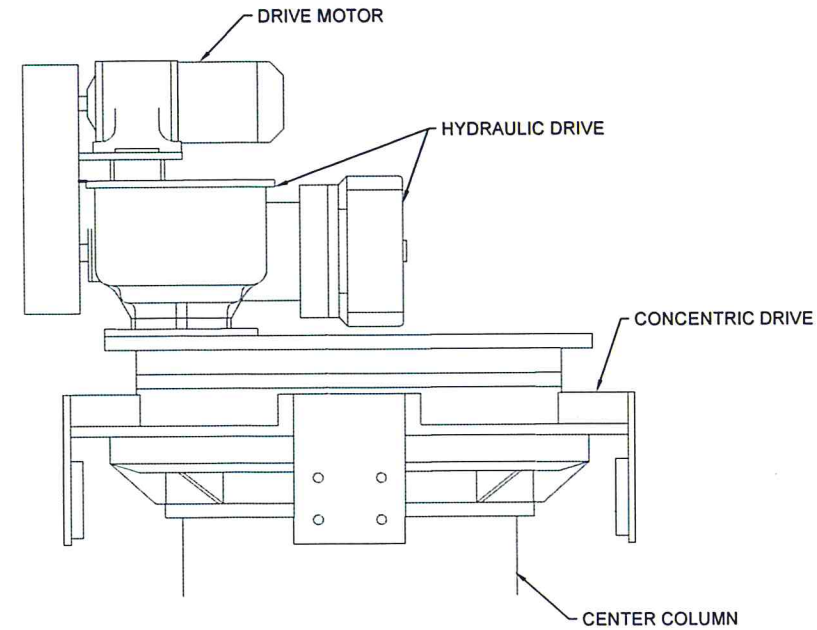
2019 SOUTH SIDE WASTEWATER
TREATMENT PLANT PRIMARY CLARIFIER
EQUIPMENT REPLACEMENT
CLARIFIER ELEVATION



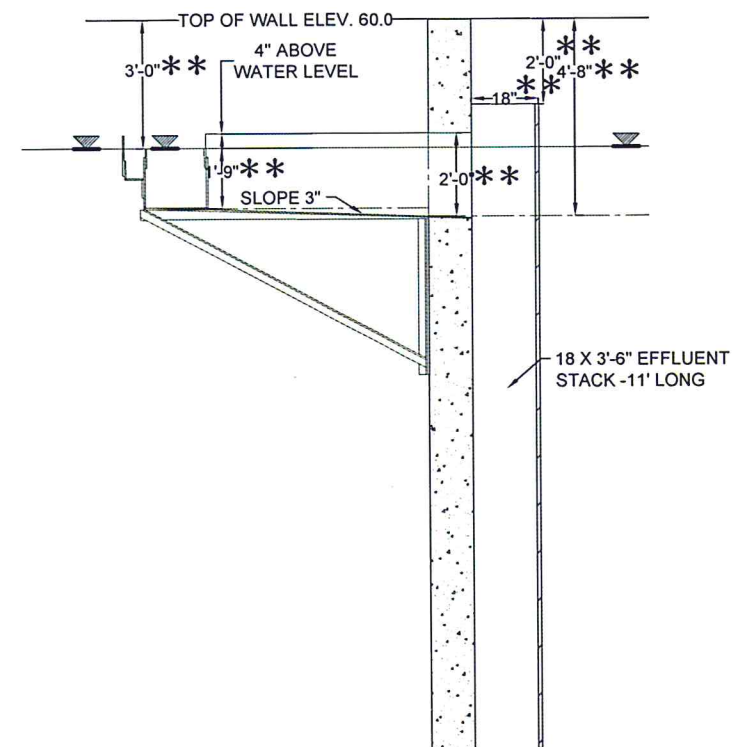
1 AIR MAIN SUPPORT
C5 SCALE: 1" = 1'-0"



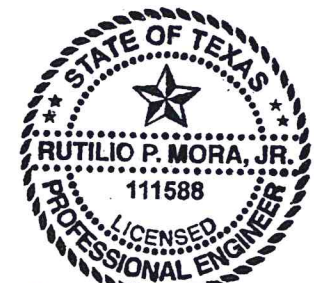
3 SCUM BOX
C5 SCALE: 1/2" = 1'-0"



2 DRIVE ASSEMBLY
C5 SCALE: 1'-1/2" = 1'-0"



4 EFFLUENT TROUGH
C5 SCALE: 1/2" = 1'-0"



Rutilio P. Mora Jr.
4/23/19

**** THIS ELEVATION OR DIMENSION
SHALL BE FIELD VERIFIED**