

DPR FACILITIES

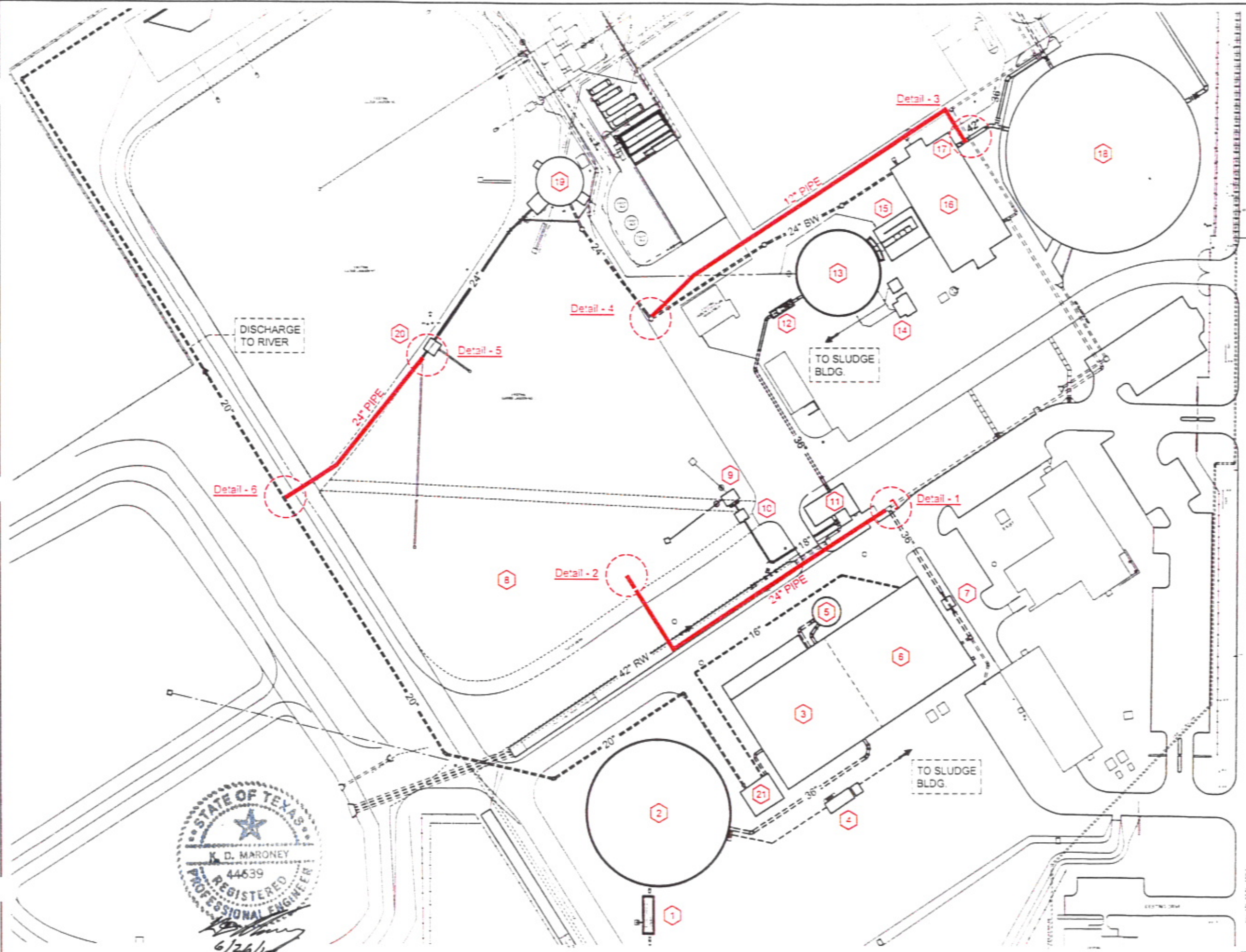
- 1 FLOW CONTROL VAULT
- 2 MEMBRANE CLARIFIER
- 3 MF TREATMENT
- 4 MEMBRANE SLUDGE P.S.
- 5 BREAK TANK
- 6 R.O. TREATMENT
- 7 R.O. METER VAULT
- 8 REUSE TEMPORARY STORAGE LAGOON
- 9 REUSE PUMP STATION
- 10 REUSE FLOW METER
- 11 SPLITTER BOX
- 12 2010 RAPID MIX / PARSHALL FLUME
- 13 2010 CLARIFIER
- 14 2010 SLUDGE P.S.
- 15 2010 RECARBONATION BASIN
- 16 2010 FILTERS
- 17 2010 TRANSFER PUMPS
- 18 2010 10 M.G. STORAGE TANK
- 19 2010 RECOVERY WELL P.S.
- 20 2010 LAGOON VALVE VAULT
- 21 BRINE PUMP STATION

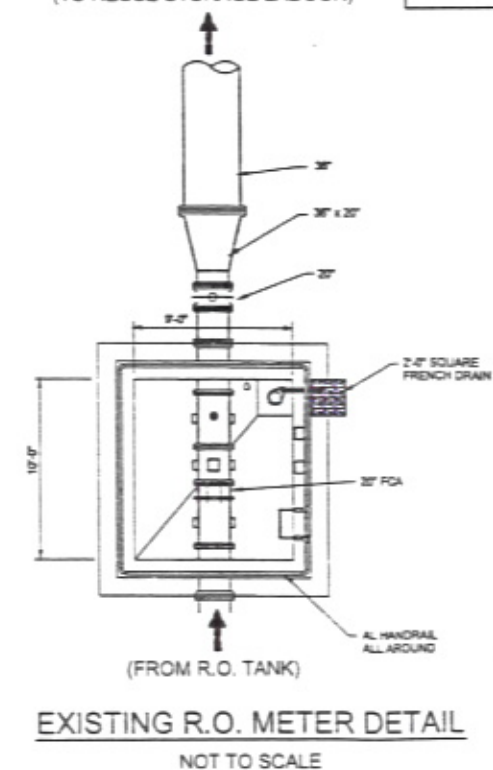
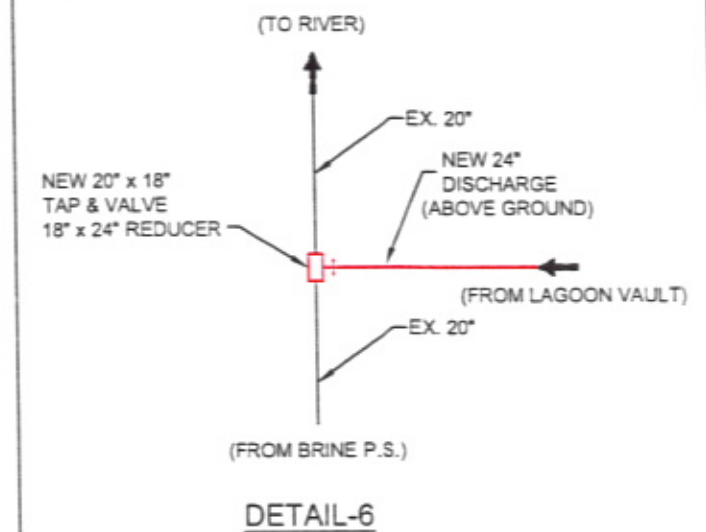
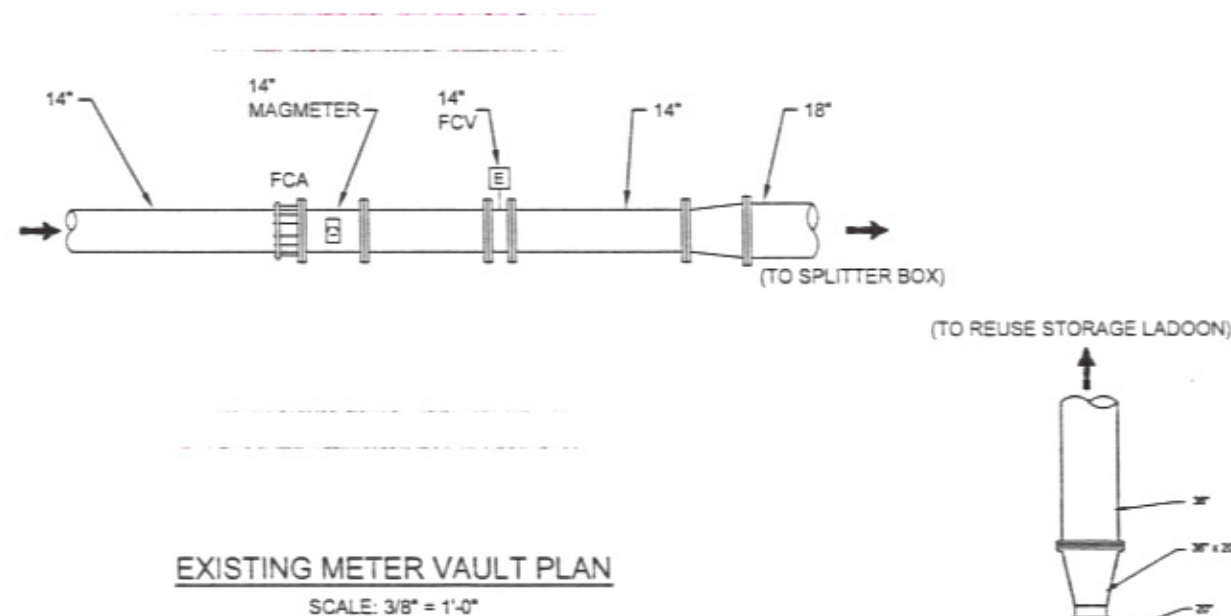
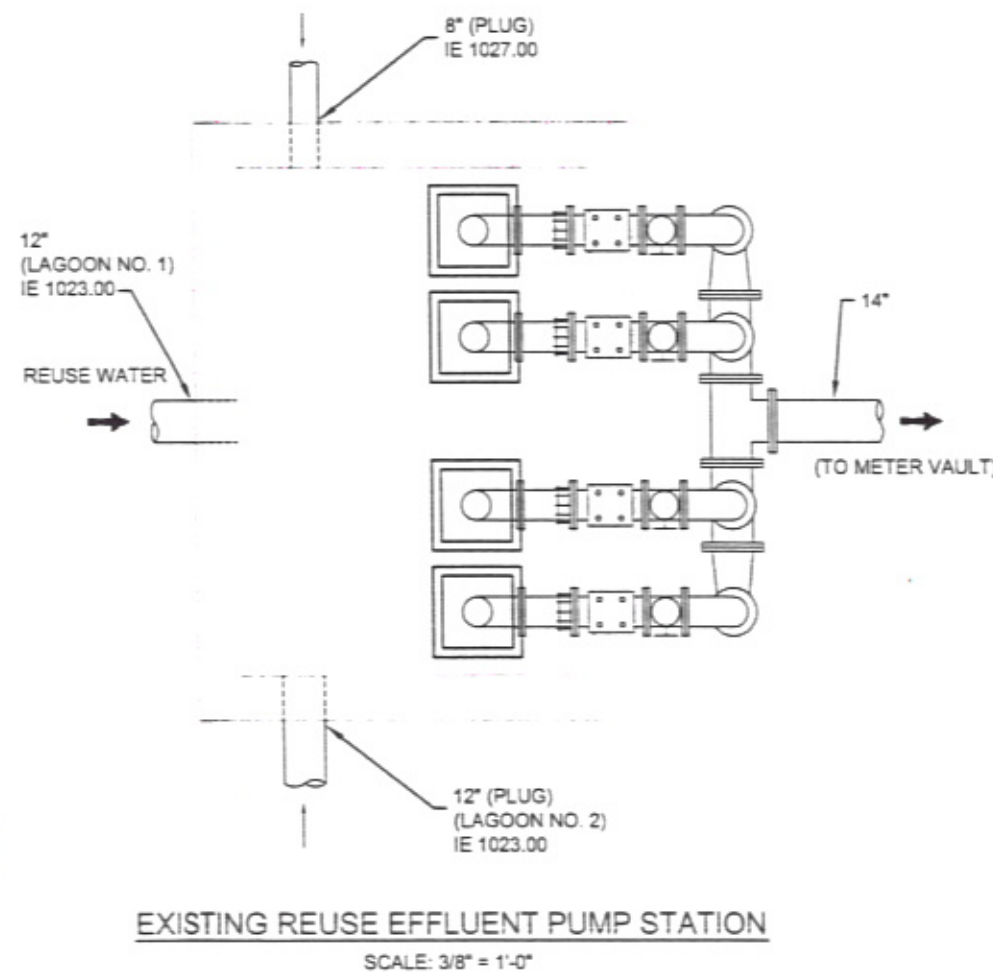
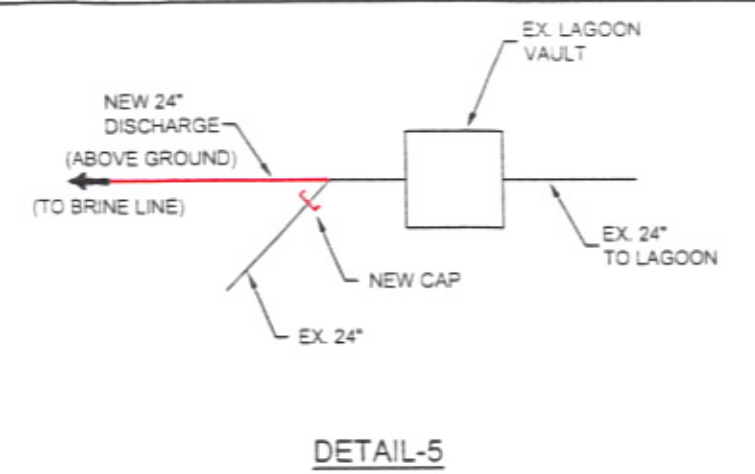
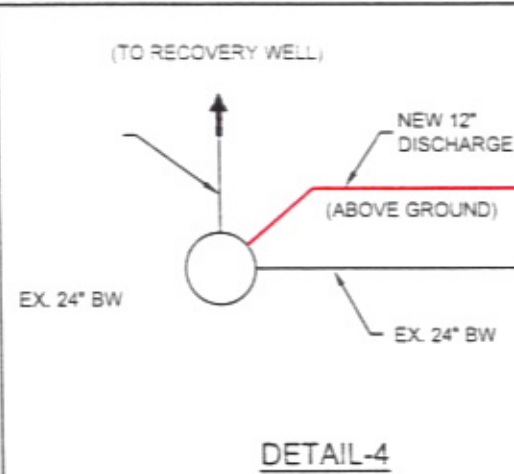
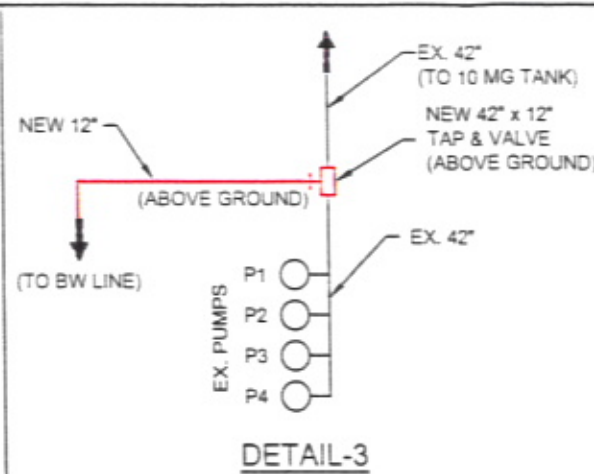
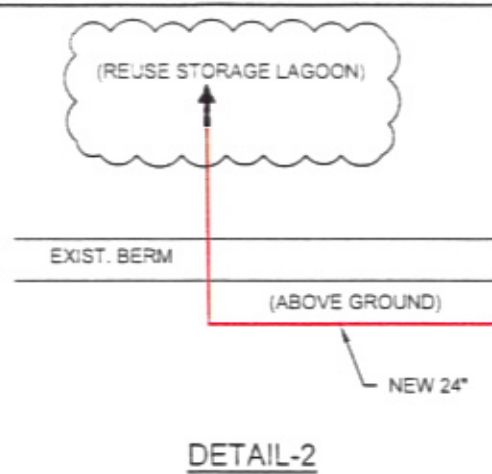
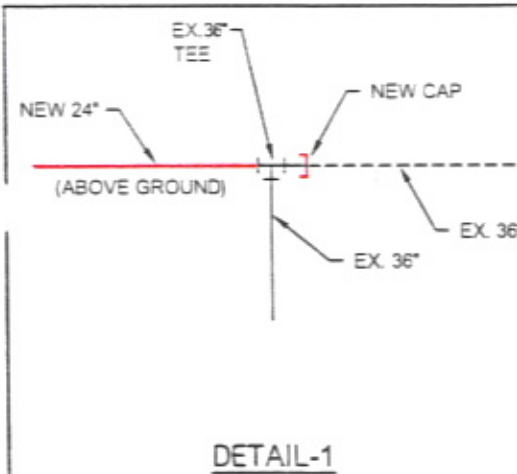
TEMPORARY SITE PIPING MODIFICATIONS

TEMPORARY DIRECT POTABLE REUSE TREATMENT FACILITIES
CYPRESS W.T.P.
CITY OF WICHITA FALLS, TEXAS

BIGGS & MATHEWS, INC.
CONSULTING ENGINEERS
2105 BRICK AVENUE
WICHITA FALLS, TX 76791
TELEPHONE: 817-266-1100
FAX: 817-266-1101
WWW.BIGGS-AND-MATHEWS.COM

DATE	2/26/2013	BY	ALM	SCALE	AS SHOWN	SHEET	1
DATE	2/26/2013	BY	ALM	SCALE	AS SHOWN	SHEET	1





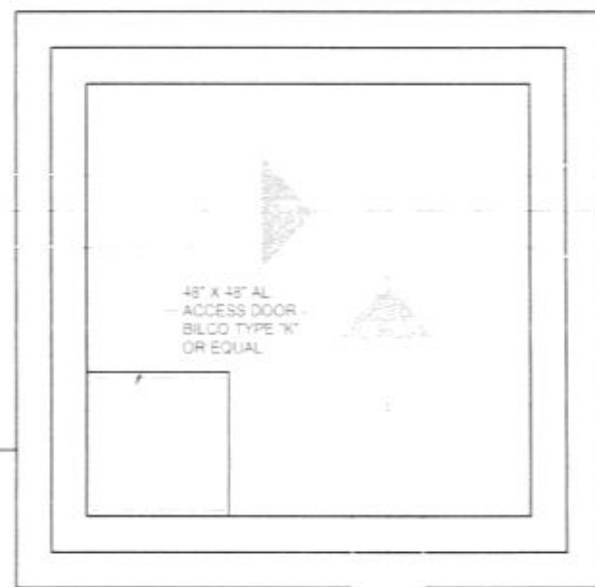
TEMPORARY SITE PIPING
MODIFICATIONS

TEMPORARY DIRECT POTABLE
REUSE TREATMENT FACILITIES
CYPRESS W.T.P.
CITY OF WICHITA FALLS, TEXAS

BIGGS & MATHEWS, INC.
CONSULTING ENGINEERS
2500 BROOK AVENUE V. (940) 766-0156
WICHITA FALLS, TX 76791 F. (940) 766-3363
TEXAS REGISTERED ENGINEERING FIRM T-204

REVISIONS				
DATE	DESCRIPTION	BY	DATE	SHEET
		TH KDM	2-5-2013	2
		DW JML	SCALE AS SHOWN	
		TH KDM	REVISED	OF 2

24" BWW
TO NEW
WASHWATER
LAGOON NO. 2



24" BWW
FROM
RECOVER
WELL



24" BWW
TO NEW
WASHWATER
LAGOON NO. 1

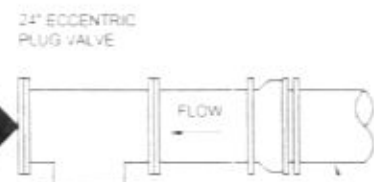
24" SLUDGE LAGOON VALVE VAULT PLAN 1
3/8"=1'-0" GR-I-8 YP-I-8

2 - 24" 90° BENDS

24" BWW
TO NEW
WASHWATER
LAGOON NO. 2



24" ECCENTRIC
PLUG VALVE



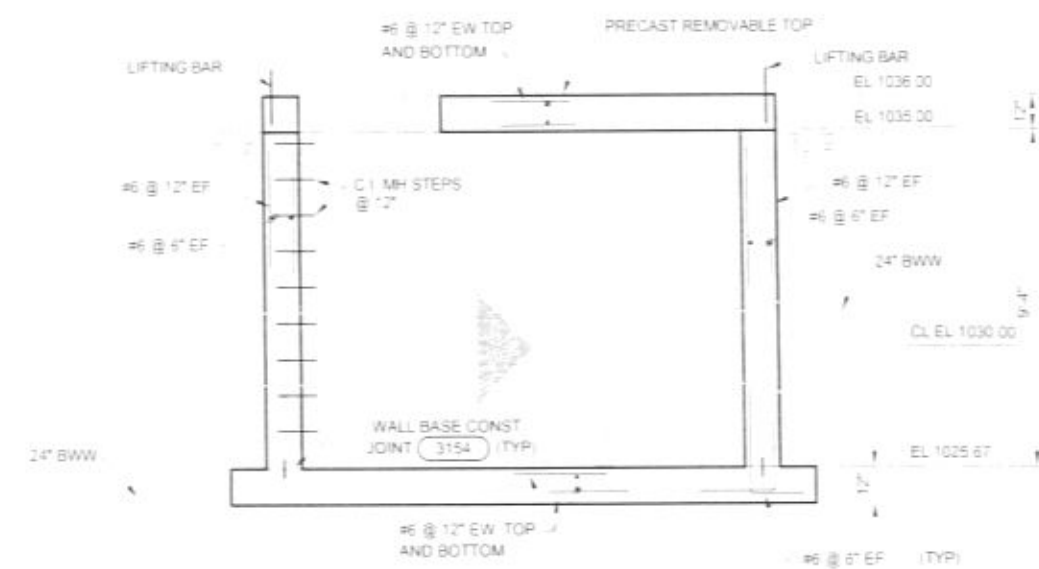
24" BWW
FROM
RECOVER
WELL



24" BWW
TO NEW
WASHWATER
LAGOON NO. 1

2 - 24" 90° BENDS

24" SLUDGE LAGOON VALVE VAULT PLAN 1
3/8"=1'-0" GR-I-8 YP-I-8



SECTION A
3/8"=1'-0"

EL 1019.00

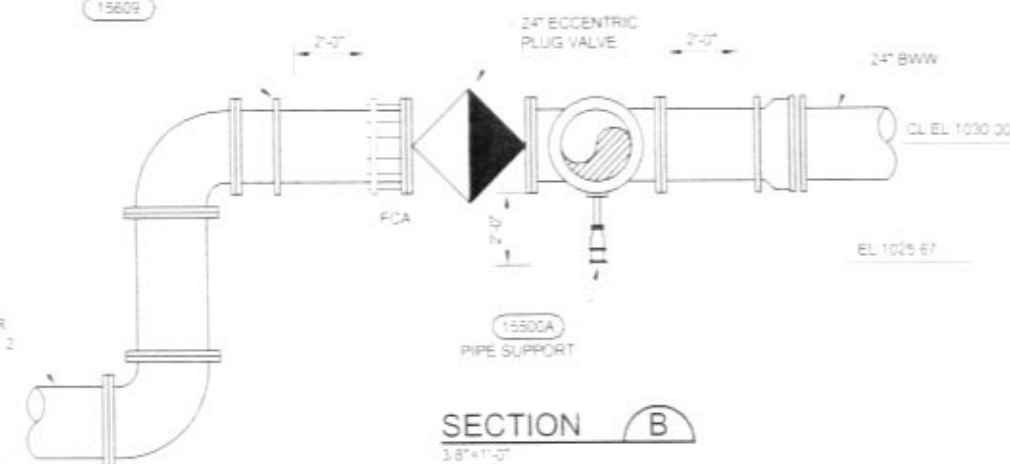
EL 1036.00

EL 1035.00

EL 1025.67

24" BWW
TO NEW
WASHWATER
LAGOON NO. 2

EL 1019.00



SECTION B
3/8"=1'-0"



LIFTING BAR - TYP.
NTS



DESIGN	KDM	DATE		REVISION	
CHECK	JMU	DATE		REVISION	
APPROVE	JEB III	DATE		REVISION	
DATE		DATE		REVISION	

VERIFY SCALE
BAR IS ONE INCH ON
ORIGINAL DRAWING
IF NOT ONE INCH ON
THIS SHEET ADJUST
SCALES ACCORDINGLY

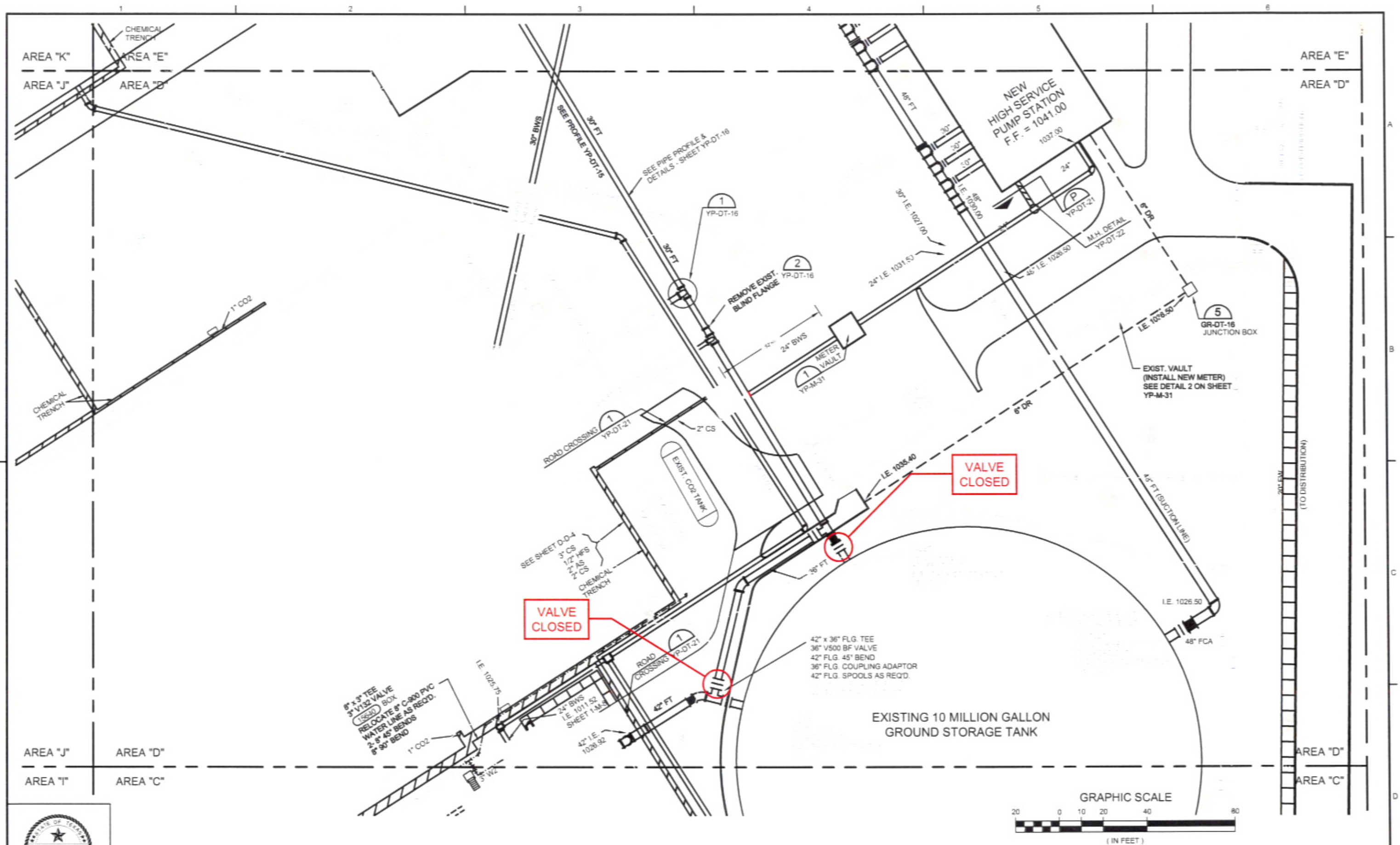


CH2MHILL

CYPRESS WTP EXPANSION
WICHITA FALLS, TEXAS

YARD PIPING DETAILS
STRUCTURAL
24" BWW (WASHWATER LAGOON)
VALVE VAULT DETAILS

DWG	YP-DT-33
DATE	SEPT 2002
PROJ.	CYPRESS WTP



DSGN	KDM				
DR	JMU				
CHK	KDM				
APVD	KDM	NO.	DATE	REVISION	BY

VERIFY SCALE
 BAR IS ONE INCH ON
 ORIGINAL DRAWING
 IF NOT ONE INCH ON
 THIS SHEET, ADJUST
 SCALES ACCORDINGLY

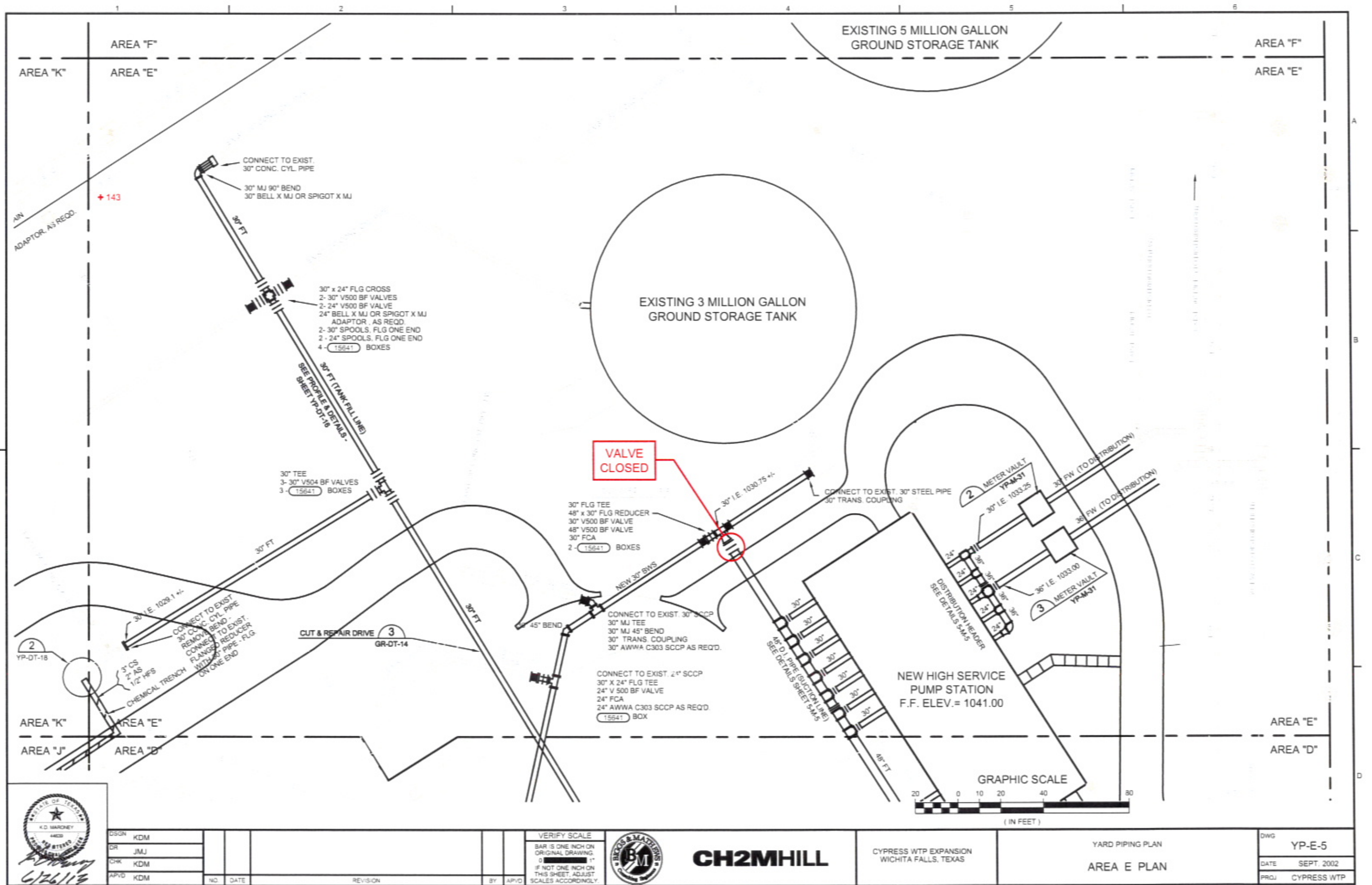


CH2MHILL

CYPRESS WTP EXPANSION
 WICHITA FALLS, TEXAS

YARD PIPING PLAN
 AREA D PLAN

DWG	YP-D-4
DATE	SEPT. 2002
PROJ	CYPRESS WTP



DESIGN	KDM	NO.	DATE	REVISION	BY	APPROVED
DR	JMJ					
CHK	KDM					
APVD	KDM					

VERIFY SCALE
BAR IS ONE INCH ON
ORIGINAL DRAWING.
0" 1"
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY.



CH2MHILL

CYPRESS WTP EXPANSION
WICHITA FALLS, TEXAS

YARD PIPING PLAN
AREA E PLAN

DWG	YP-E-5
DATE	SEPT. 2002
PROJ	CYPRESS WTP