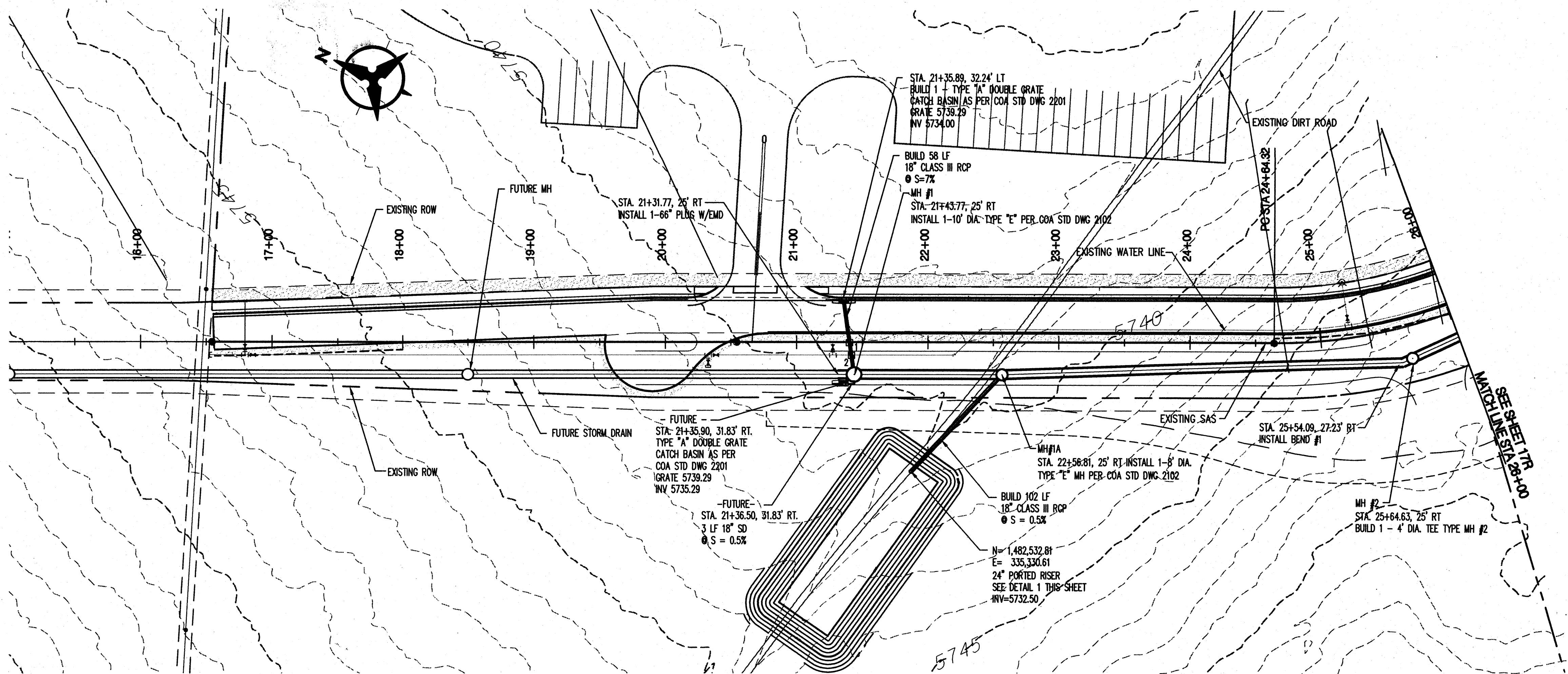
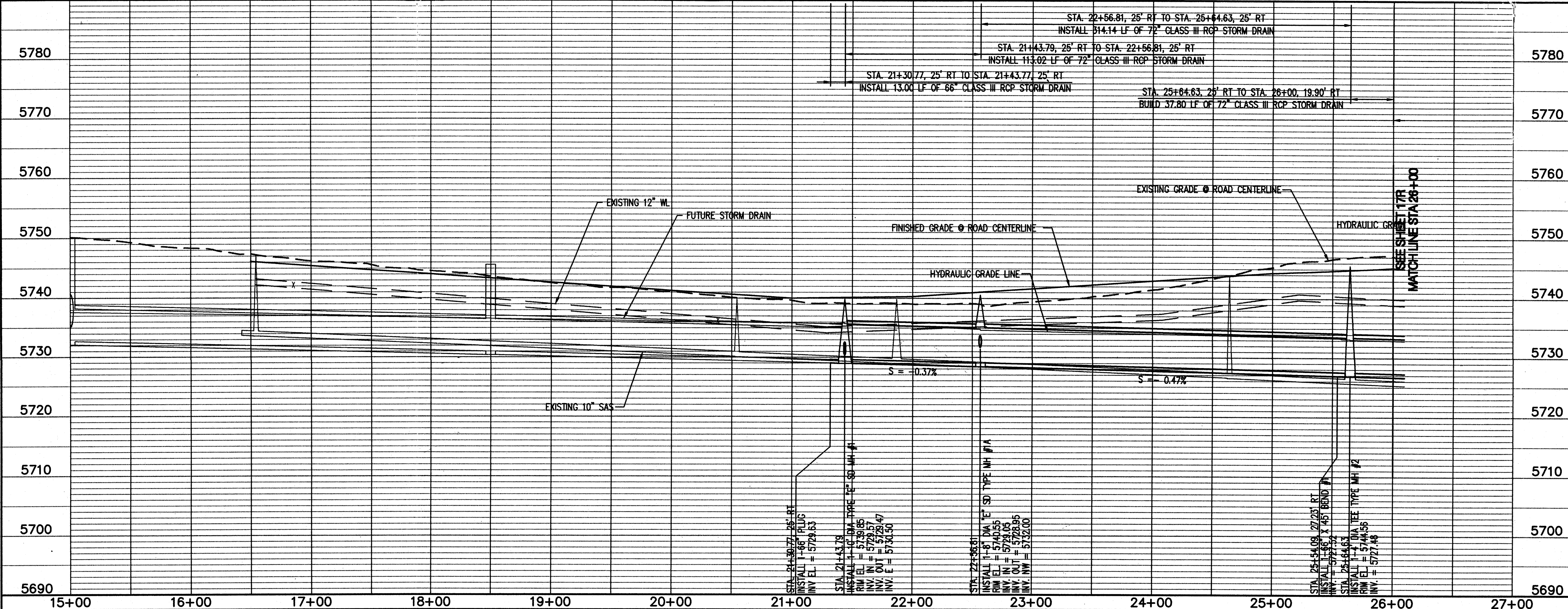




TEMPUR-PEDIC PARKWAY



- GENERAL NOTES**
- 1) ALL STATIONING IS ALONG CENTERLINE OF ROADWAY.
 - 2) ALL STORM DRAIN PIPE SHALL BE CLASS III RCP.
 - 3) THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY LOCATIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 - 4) ALL TEE MANHOLES SHALL BE CONSTRUCTED PER DETAIL 1, SHEET 19R.
 - 5) PROTECT ALL EXISTING UTILITIES. ANY DAMAGE TO EXISTING PUBLIC OR PRIVATE UTILITIES SHALL BE REPAIRED AT CONTRACTORS EXPENSE.

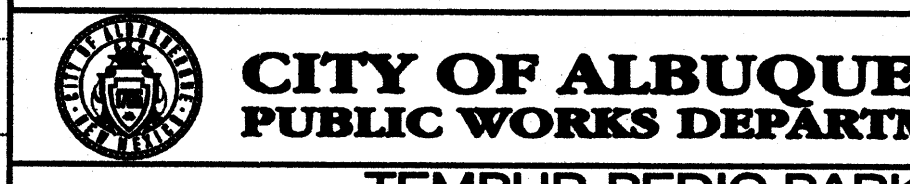
- CONSTRUCTION NOTES**
- 1) ALL UTILITY NOTES SHOWN ON SHEETS 20, 21 & 22 SHALL APPLY.
 - 2) ALL NEW SAS MANHOLES SHALL MATCH EXISTING 10\"/>

RESTRAINED JOINT TABLE				
DESCRIPTION	8"	10"	12"	
12" X 8" TAPPING SLEEVE	15'	10'	10'	
CAP	70'	--	--	
45° BEND	25'	30'	35'	

UTILITY CROSSINGS TABLE				
DES	SAS	SD	WL	Clearance
1	---	18" TP 32.3	12" BP 34.3	1.96'
2	10" TP 30.9	18" BP 31.2	---	0.30'

FITTING SCHEDULE			
STA.	BEND	SIZE	DEGREE
25+54.09, 27.23' RT	#1	72"	23.52°

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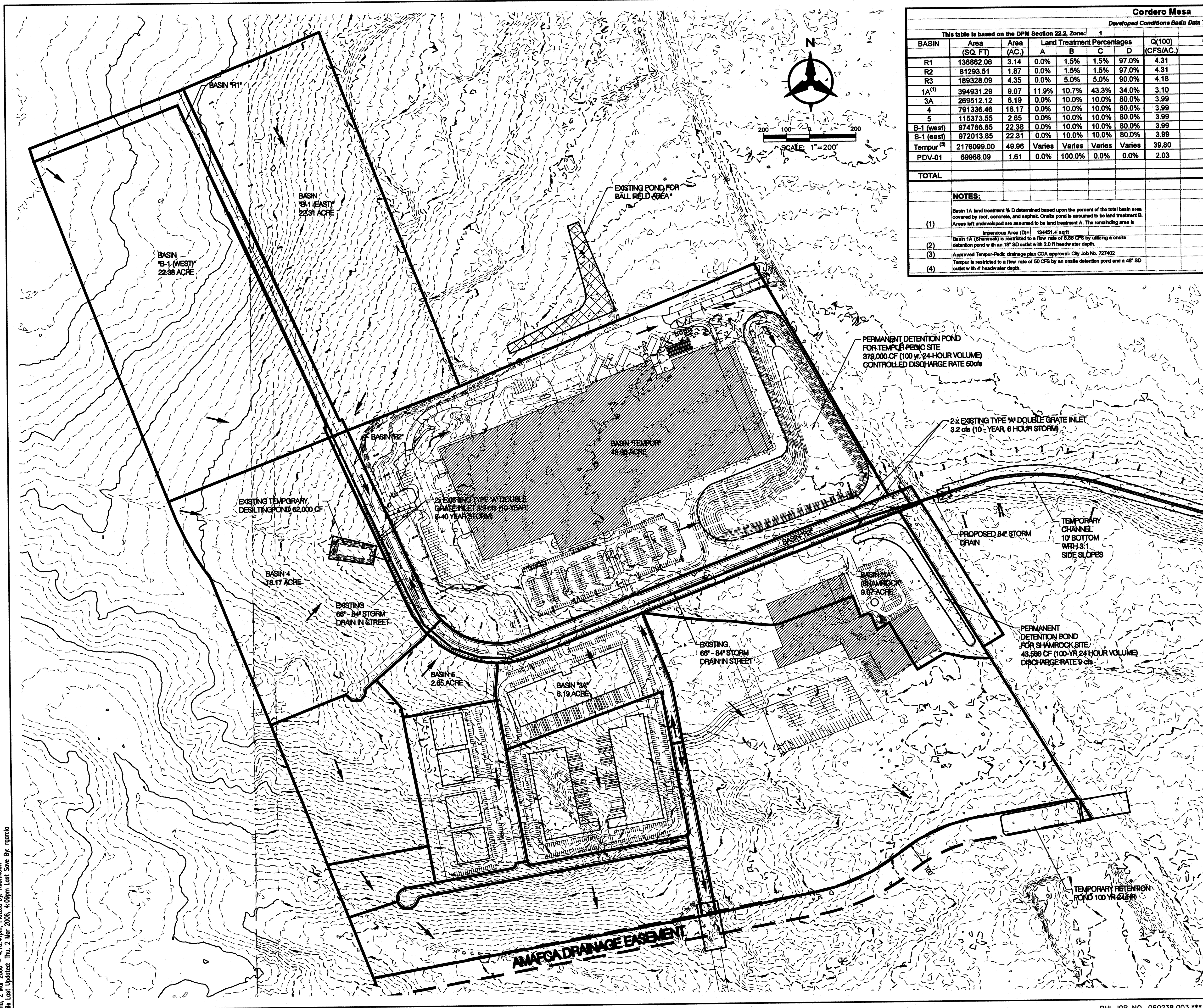


TEMPUR-PEDIC PARKWAY
STORM DRAIN PLAN & PROFILE
TEMPUR-PEDIC PARKWAY STA. 15+00 TO STA. 26+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. **727402** Zone Map No. **K-5,6 L-5,6** Sheet **16R** Of **34**

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		FIELD NOTES		ENGINEER'S SEAL	
CONTRACTOR	DATE	NMHC BRASS CAP STAMPED "1-40-27A"	DATE	NO.	BY	NO.	BY	REMARKS	By
DESIGNED BY	DATE	GEOGRAPHIC POSITION (NAD 1927)	DATE					REVISIONS	
FIELD CHECKED BY	DATE	MODIFIED STATE PLANE COORDINATES	DATE					DESIGN	
VERIFIED BY	DATE	N = 1481056.174, E = 341090.969	DATE					DATE: 07.27.05	
VERIFIED BY	DATE	GROUND TO GRID FACTOR = 0.999655608	DATE					DATE: 08.01.05	
RECORDED BY	DATE	NGVD 1929 ELEVATION = 5681.458	DATE					DATE: 08.05.05	

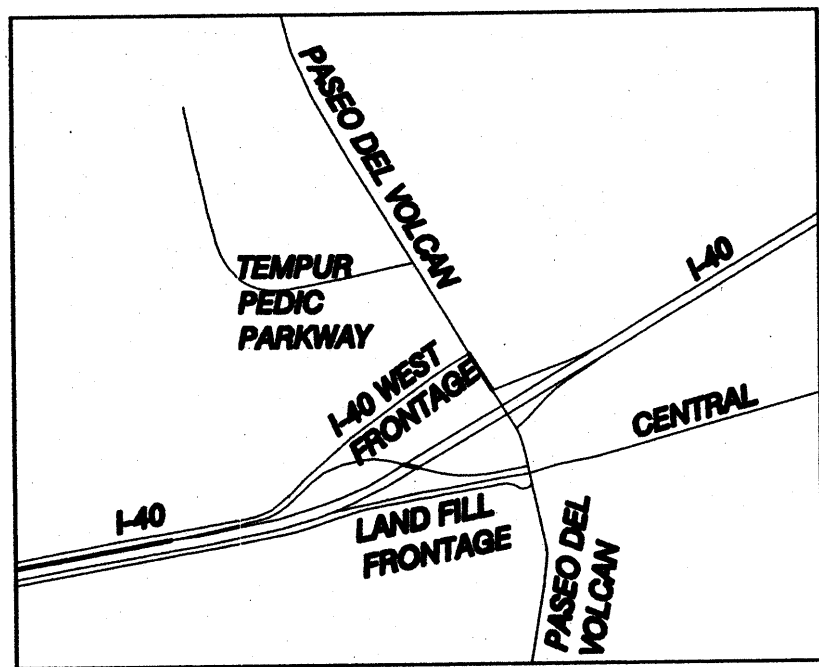
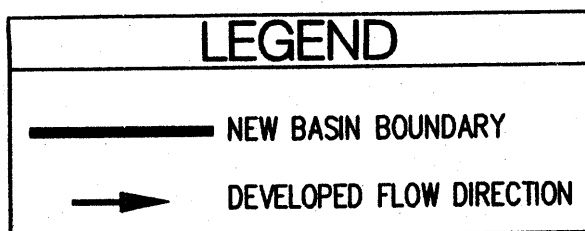


Cordero Mesa											
Developed Conditions Basin Data Table											
This table is based on the DPM Section 22.2. Zone: 1											
BASIN	Area (SQ. FT)	Area (AC.)	Land Treatment Percentages				Q(100) (CFS/AC.)	Q(100) (CFS)	Q (CONTROLLED) (CFS)	V(100) (IN)	V(100) (CF)
			A	B	C	D					
R1	136862.06	3.14	0.0%	1.5%	1.5%	97.0%	4.31	13.55		1.94	22,078
R2	81293.51	1.87	0.0%	1.5%	1.5%	97.0%	4.31	8.05		1.94	13,114
R3	189328.09	4.35	0.0%	5.0%	5.0%	90.0%	4.18	18.16		1.86	29,283
1A ⁽¹⁾	394931.29	9.07	11.9%	10.7%	43.3%	34.0%	3.10	28.13	8.86	1.22	40,277
3A	289512.12	6.19	0.0%	10.0%	10.0%	80.0%	3.99	24.66		1.74	39,124
4	791336.46	18.17	0.0%	10.0%	10.0%	80.0%	3.99	72.41		1.74	114,876
5	115373.55	2.65	0.0%	10.0%	10.0%	80.0%	3.99	10.56		1.74	16,748
B-1 (west)	974766.85	22.38	0.0%	10.0%	10.0%	80.0%	3.99	89.20		1.74	141,504
B-1 (east)	972013.85	22.31	0.0%	10.0%	10.0%	80.0%	3.99	88.95		1.74	141,104
Tempur ⁽³⁾	2176099.00	49.96	Varies	Varies	Varies	Varies	39.80	165.33	49.58	16.94	3,071,584
PDV-01	69968.09	1.61	0.0%	100.0%	0.0%	0.0%	2.03	3.26			
TOTAL										387.23	CFS
NOTES:											
(1)	Basin 1A land treatment % D determined based upon the percent of the total basin area covered by roof, concrete, and asphalt. Onsite pond is assumed to be land treatment B. Areas left undeveloped are assumed to be land treatment A. The remaining area is										
	Impervious Area (D)= 134451.4 sq ft										
(2)	Basin 1A (Shennock) is restricted to a flow rate of 5.86 CFS by utilizing a onsite detention pond with an 18" SD outlet with 2.0 ft headwater depth.										
	Approved Tempur-Pedic drainage plan COA approval- City Job No. 727402										
(4)	Tempur is restricted to a flow rate of 50 CFS by an onsite detention pond and a 48" SD outlet with 4' headwater depth.										

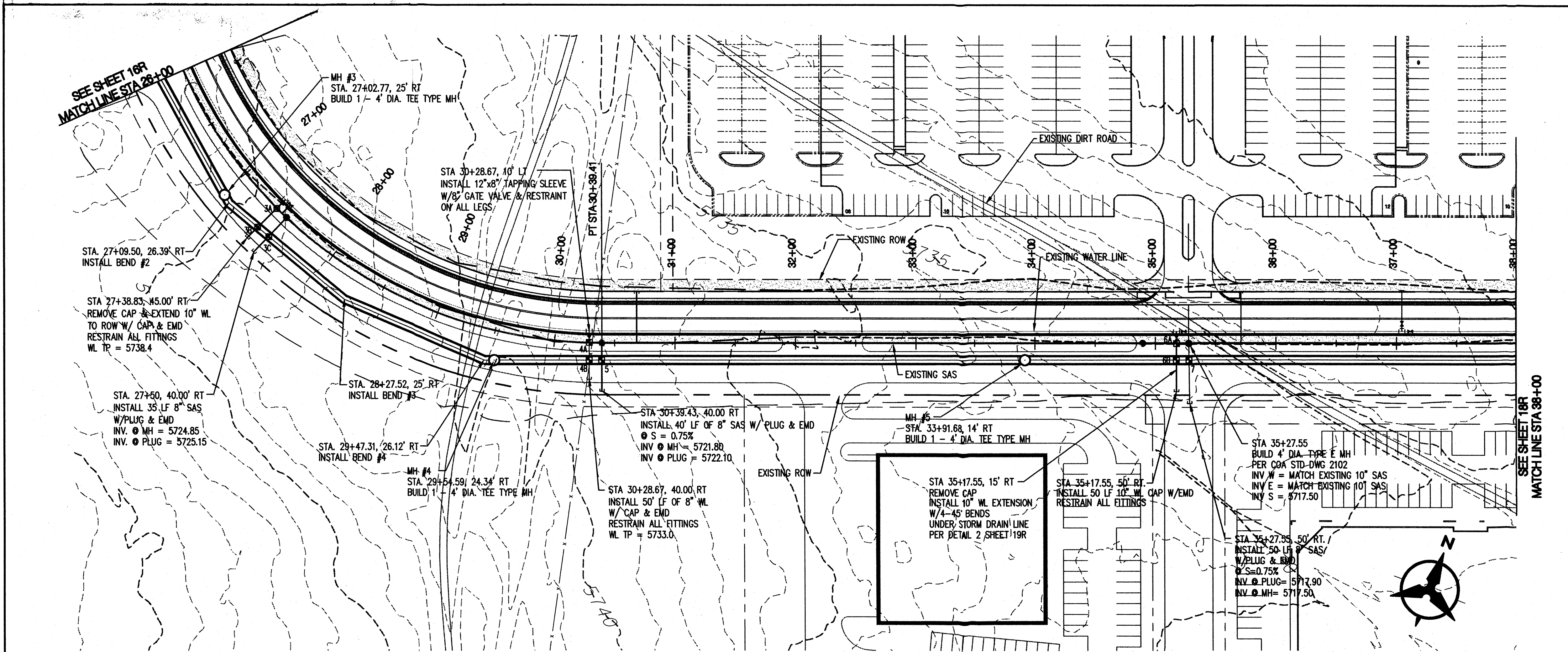
DEVELOPED CONDITIONS

UNDER FULLY DEVELOPED CONDITIONS, BASINS B1 (EAST AND WEST), BASIN 3A, BASIN 4, BASIN 1A (SHAMROCK), AND BASIN TEMPUR (TEMPUR-PEDIC) DISCHARGE RUNOFF INTO THE STORM DRAIN COLLECTION SYSTEM. THESE BASINS ARE EXPECTED TO DEVELOP AS LIGHT INDUSTRIAL USES WITH 80 IMPERVIOUS SURFACES AND ALL BUT SHAMROCK AND TEMPUR-PEDIC ALLOWED FREE DISCHARGE. BASINS TEMPUR AND 1A (SHAMROCK) WILL BE CON-
STRAINED TO 50 CFS AND 9 CFS RESPECTIVELY THROUGH ON-SITE DETENTION POND.

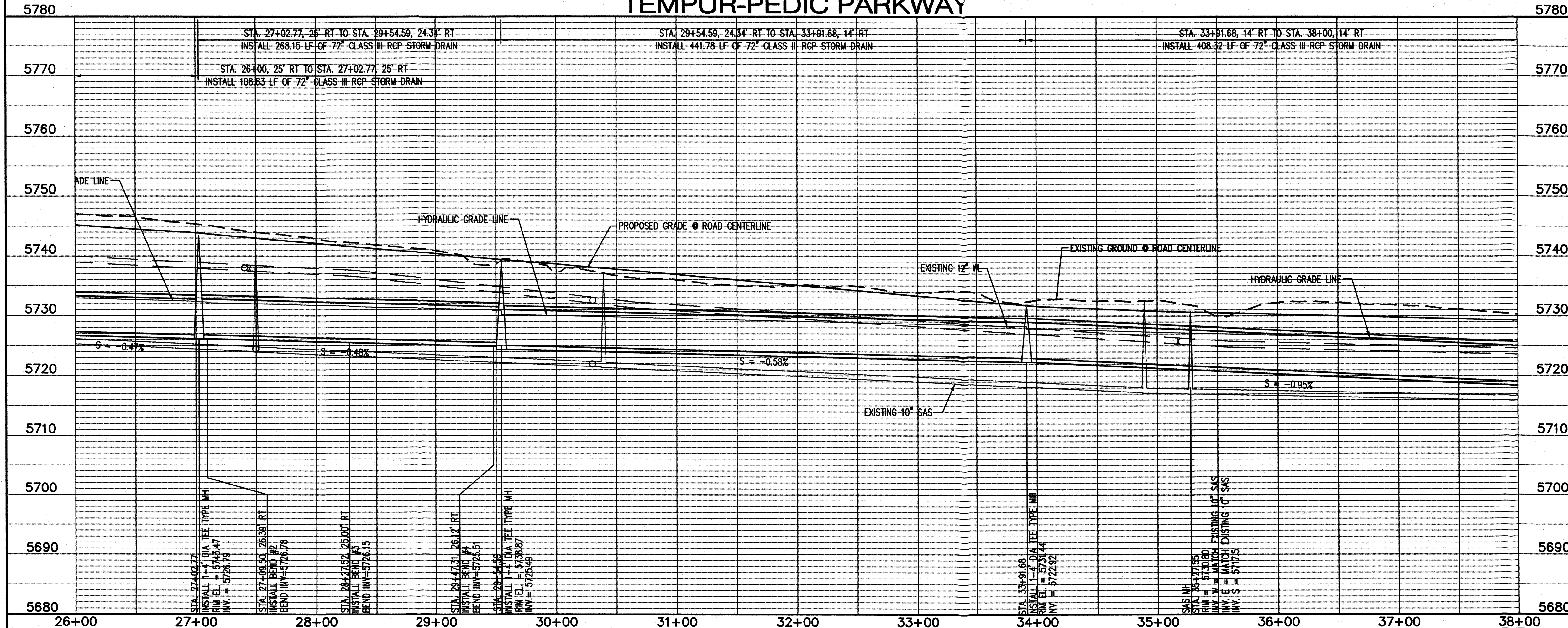
THE COLLECTION SYSTEM CONVEYS FLOWS EASTWARD UNDER PASEO DEL VOLCAN (DOUBLE EAGLE II) IN AN 84-INCH PIPE WHICH DAYLIGHTS INTO A TEMPORARY EARTHEN CHANNEL. THIS CHANNEL CROSSES PRIVATELY OWNED LAND AND DISCHARGES INTO THE FUTURE LOCATION OF THE EAST AMOLE DAM, PART OF THE WEST 1-40 STORM DRAIN SYSTEM. THE REMAINING BASINS, WITHIN CORDERO MESA BUSINESS PARK DISCHARGE SOUTHWARD INTO A DEDICATED AMAFCA EASEMENT WHICH WILL ULTIMATELY INCLUDE AN 84-INCH STORM DRAIN THAT WILL DRAIN EASTWARD AND DISCHARGE INTO THE EAST AMOLE DAM.



Bohannon ▲ Huston Courtland I 7800 Jefferson St. NE Albuquerque, NM 87109-4395 ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES		<table border="1"> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </table>																		No. Date 	Designed By: K. K. Drawn By: R. R. Checked By: L. L.
		County of Bernalillo Public Works Division State of New Mexico																			
TEMPUR PEDIC STORM DRAIN DEVELOPED CONDITION DRAINAGE PLAN																					
Design Review Committee		City Engineer Approval		Last Design Update																	
				<table border="1"> <tr> <th>Mo./Day/Yr.</th> <th>Mo./Day/Yr.</th> </tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>		Mo./Day/Yr.	Mo./Day/Yr.														
Mo./Day/Yr.	Mo./Day/Yr.																				
Project No. 060238		Zone Map No. K-5K-8, L-8L-7		Drawing No. 060238																	
				Sheet 2 Of 2																	



TEMPUR-PEDIC PARKWAY



GENERAL NOTES

- 1) ALL STATIONING IS ALONG CENTERLINE OF ROAD.
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CONSTRUCTION NOTES

- 1) ALL UTILITY NOTES SHOWN ON SHEETS 20, 21 & 22 SHALL APPLY.
- 2) ALL NEW SAS MANHOLES SHALL MATCH EXISTING 10" SAS INVERTS BOTH IN AND OUT.

RESTRAINED JOINT TABLE			
DESCRIPTION	8"	10"	12"
12" X 8" TAPPING SLEEVE	15'	10'	10'
CAP	70'	-	-
45' BEND	25'	30'	35'

UTILITY CROSSINGS TABLE				
DES	SAS	SD	WL	Clearance
3A	10" TP 24.9		10" BP 37.4	1.96'
3B		72" TP 33.3	10" BP 37.4	12.4'
3C	8" TP 25.65	72" BP 25.89		0.24'
4A	10" TP 22.35		8" BP 32.00	9.65'
4B		72" TP 31.31	8" BP 32.00	0.69'
5	8" TP 23.57	72" BP 23.97		0.40'
6A	10" TP 17.89		10" *	1' MIN
6B		72" *	10" *	1' MIN
7	8" TP 18.27	72" BP 21.00		2.72'

* SEE DETAIL 2 ON SHEET 19R

FITTING SCHEDULE

STA.	BEND	SIZE	DEGREE
27+09.50, 26.39' RT	#2	72"	20.95°
28+27.52, 25' RT	#3	72"	16.91°
29+48.00, 26' RT	#4	72"	23.35°

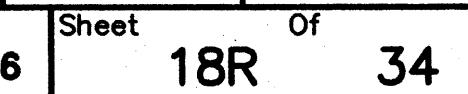
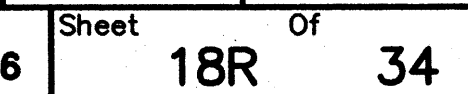
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TEMPUR-PEDIC PARKWAY
STORM DRAIN PLAN & PROFILE
TEMPUR-PEDIC PARKWAY STA. 26+00 TO STA. 38+00

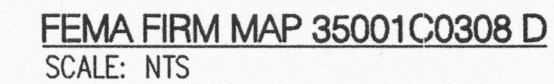
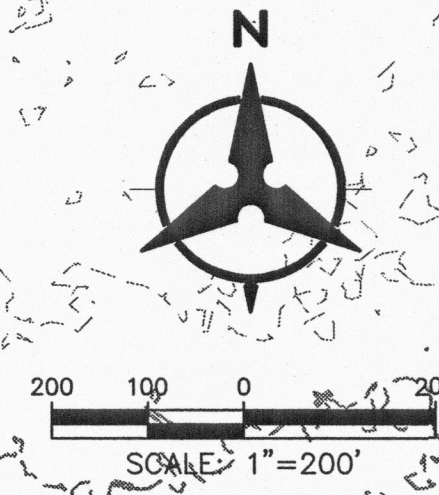
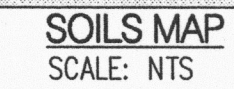
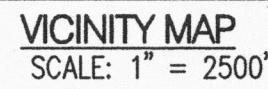
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. **727402** Zone Map No. **K-5,6 L-5,6** Sheet **17R** Of **34**



(1) Approved Tempur-Pedic drainage plan COA approval- City Job No. 727402

THE AREA CURRENTLY DISCHARGING INTO THE TEMPUR PEDIC PARKWAY STORM DRAIN INCLUDES 35 ACRES OF UNDEVELOPED OFFSITE AREA (X1) AND THE STREET SURFACE ITSELF (R2, R3). THE TEMPUR PEDIC MANUFACTURING FACILITY HAS NO DIRECT CONNECTION TO THE STORM DRAIN AND RETAINS ALL DEVELOPED CONDITION FLOW ON-SITE AT THE PRESENT TIME. THE OVERALL AREA CONSISTS OF GENTLY ROLLING RANGELAND THAT STILL SUPPORTS LITTLE GRASSING WITH A FAIR COVER OF LIVE VEGETATION INCLUDING GRASSES, SCATTERED SHRUBS AND OCCASIONAL CACTUS. FLOW FROM THE OFFSITE BASIN, X1 IS INTERCEPTED IN A TEMPORARY DESILTING POND TO PREVENT SEDIMENT PLUGGING OF THE RECENTLY CONSTRUCTED STORM DRAIN.



A circular professional engineer seal for L. Bradford Sumrall, a Licensed Professional Engineer in New Mexico. The seal features the text "NEW MEXICO" at the top, "14086" in the center, and "3/3/06" at the bottom. The outer ring of the seal contains the text "L. BRADFORD SUMRALL" and "LICENSED PROFESSIONAL ENGINEER". A handwritten signature, "L. Bradford Sumrall", is written across the top of the seal.

2: \\060238\WR\reports\Figures\060238-X-Basins.dwg
Thu, 2 Mar 2006 - 4:20:34pm, Plotted by: KJOHNSON