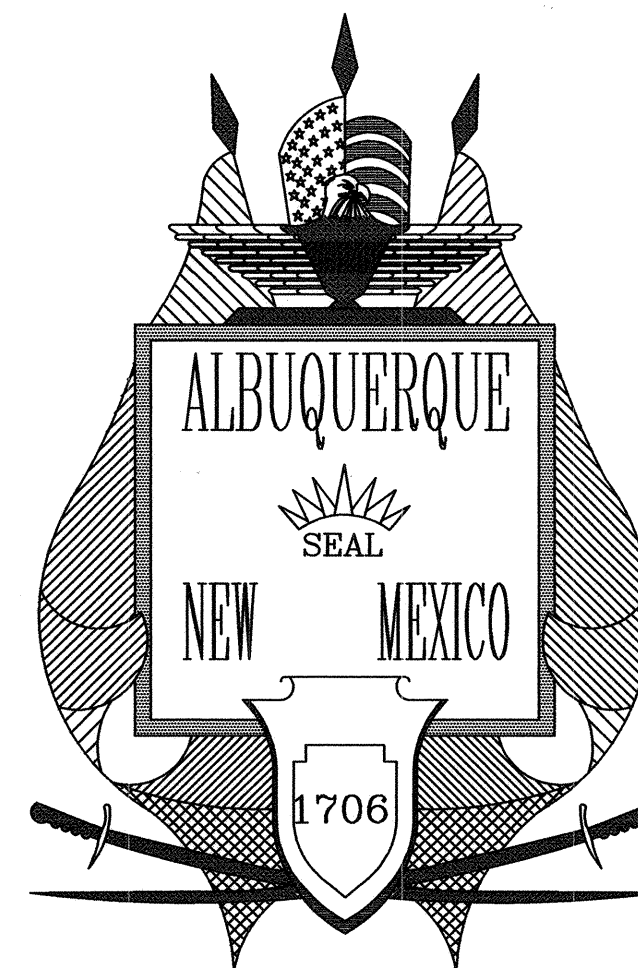


## GENERAL NOTES:

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986 EDITION AS AMENDED WITH UPDATE NO. 7.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE & VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM DELAY.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, INC. @ 260-1990 FOR LOCATION OF EXISTING UTILITIES.
- CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY, AND TO PROTECT THEM FROM DAMAGE, INJURY, OR LOSS. CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY THE CONDITIONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS AMENDED WITH UPDATE NO. 7.
- THE CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER & ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- TRAFFIC CONTROL: FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING OR AS SHOWN IN THIS PLAN SET.
- WHEN ABUTTING EXISTING PAVEMENT TO NEW, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE FIELD ENGINEER. REMOVAL OF BROKEN OR CRACKED PAVEMENT WILL ALSO BE REQUIRED.
- EXISTING CURB AND GUTTER NOT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM 90% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2315.
- THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY OR PRIVATE ROADWAY EASEMENTS SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET OR INTO ANY PUBLIC DRAINAGE FACILITY.
- PROPOSED WATERLINE MATERIALS SHALL BE EITHER PVC PIPE MEETING AWWA C900 REQUIREMENTS (6"-12") OR DUCTILE IRON PIPE, THICKNESS CLASS 50 (6"-16").
- ALL SANITARY SEWER LINE STATIONING REFERS TO SANITARY SEWER CENTERLINE STATIONING.
- ALL FITTINGS ON WATERLINES SHALL HAVE RESTRAINED JOINTS AS NOTED ON THE PLANS.
- CONTRACTOR SHALL SUPPORT ALL EXISTING, UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND/OR SEWERLINE COSTS.
- CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF RECORD DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- PNM WILL PROVIDE AT NO COST TO THE CITY OR THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.
- WARNING--EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE AREA SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.
- ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HR. CONSTRUCTION.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

# CITY OF ALBUQUERQUE PLANS FOR CONSTRUCTION



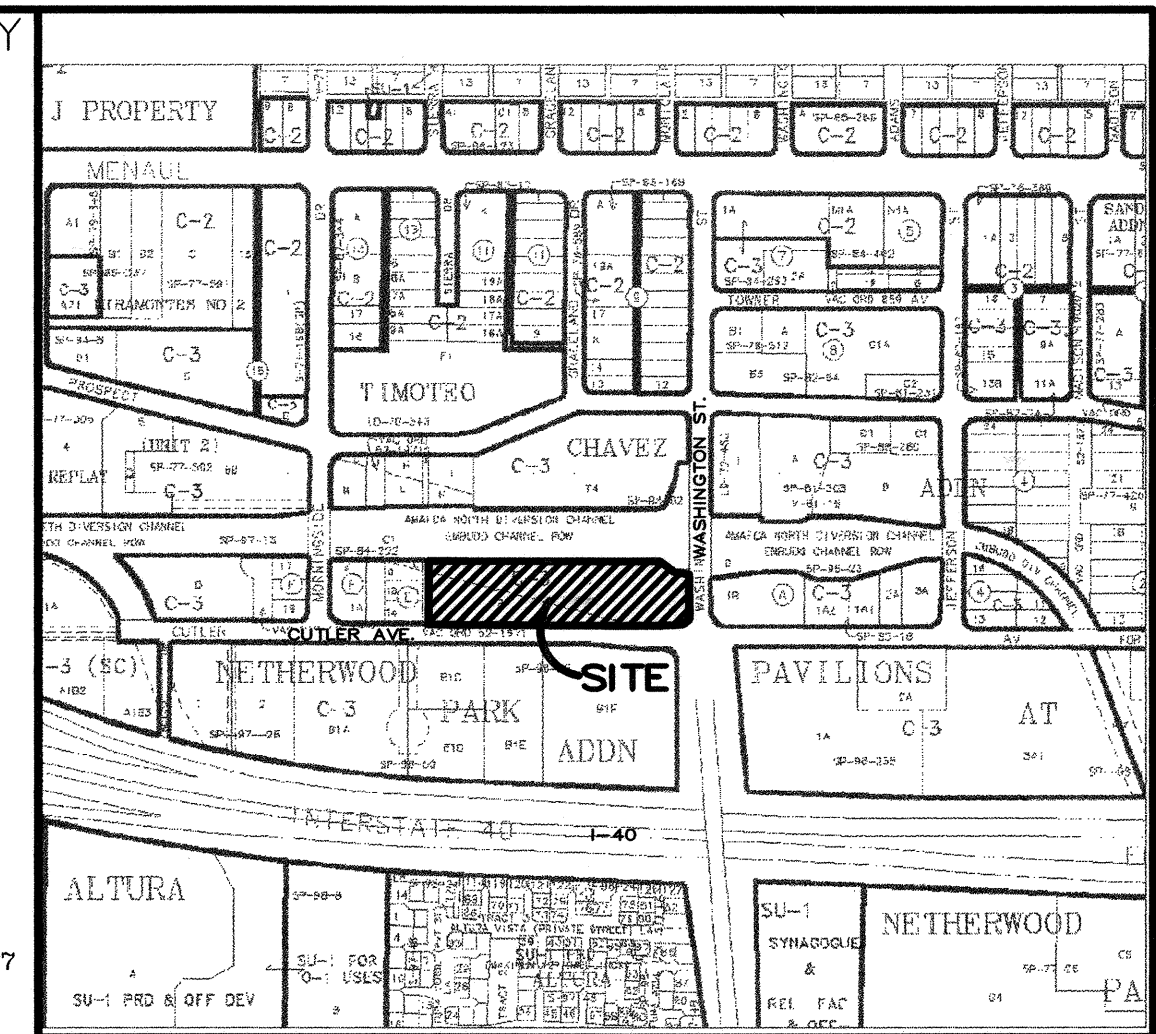
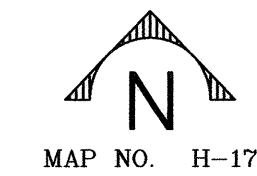
26-7521-1 11 06 1

## CUTLER AVENUE ROAD IMPROVEMENTS

### INDEX OF SHEETS

1	TITLE SHEET
2	GRADING AND DRAINAGE PLAN
3	CUTLER AVENUE PLAN AND PROFILE
4	MISCELLANEOUS DETAILS

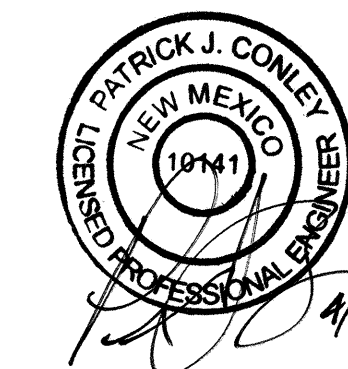
VICINITY  
MAP



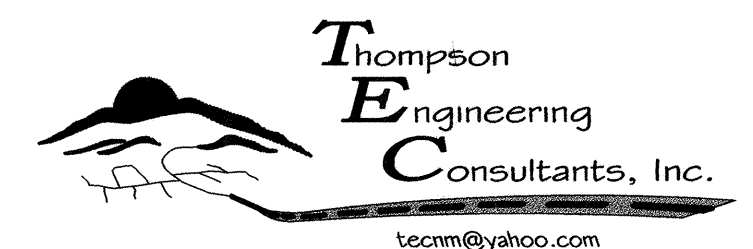
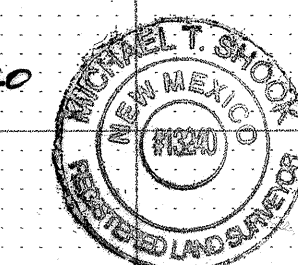
ZONE ATLAS MAP H-17-Z

### RECORD DRAWINGS

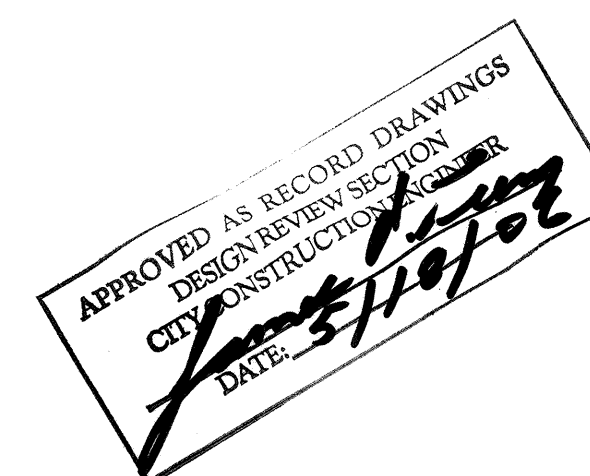
I, Patrick J. Conley of the firm of Smith Engineering Company, A Registered Professional Engineer in the State of New Mexico, do hereby state, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by a qualified person under my direct supervision and has been constructed in general accordance with the plans and specifications, while someone from Smith Engineering Company was onsite, approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted on the as-built construction drawings. The Certification is based on site inspections by me or personnel under my direction, and as-built survey information provided by **MICHAEL T. SHOOK** (Surveyor Name) NMPS number **13240** (PS#).



**AS-BUILT CERTIFICATION**  
I, **MICHAEL T. SHOOK**, NEW MEXICO REGISTERED SURVEYOR NO. **13240**, HEREBY ATTEST TO THE AS-BUILT INFORMATION AS SHOWN HEREON. FIELD SURVEY PERFORMED FEBRUARY 26, 2006.  
*Michael T. Shook*  
**MICHAEL T. SHOOK NMPS 13240**  
**A.M. SURVEYING CO.**  
(505) 896-1716  
3/7/06  
DATE



4800 JUAN TABO NE. SUITE C PHONE: (505) 271-2199  
ALBUQUERQUE, NEW MEXICO 87111 FAX: (505) 237-8422



REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVED	ENGINEER	DATE	APPROVED FOR CONSTRUCTION		
		DRC Chairman	<i>Michael T. Shook</i>	02/26/05			
		Transportation	<i>Michael T. Shook</i>	01/18/05			
		Water/Wastewater	<i>Michael T. Shook</i>	01/18/05			
		Hydrology	<i>Michael T. Shook</i>	01/18/05			
		CIP	<i>Michael T. Shook</i>	01/18/05			
		AMAFCA					
		Constr. Coord.	<i>Michael T. Shook</i>	01-26-05			
		PROJECT NUMBER	752181		DRAWING NO. 1 OF 4		

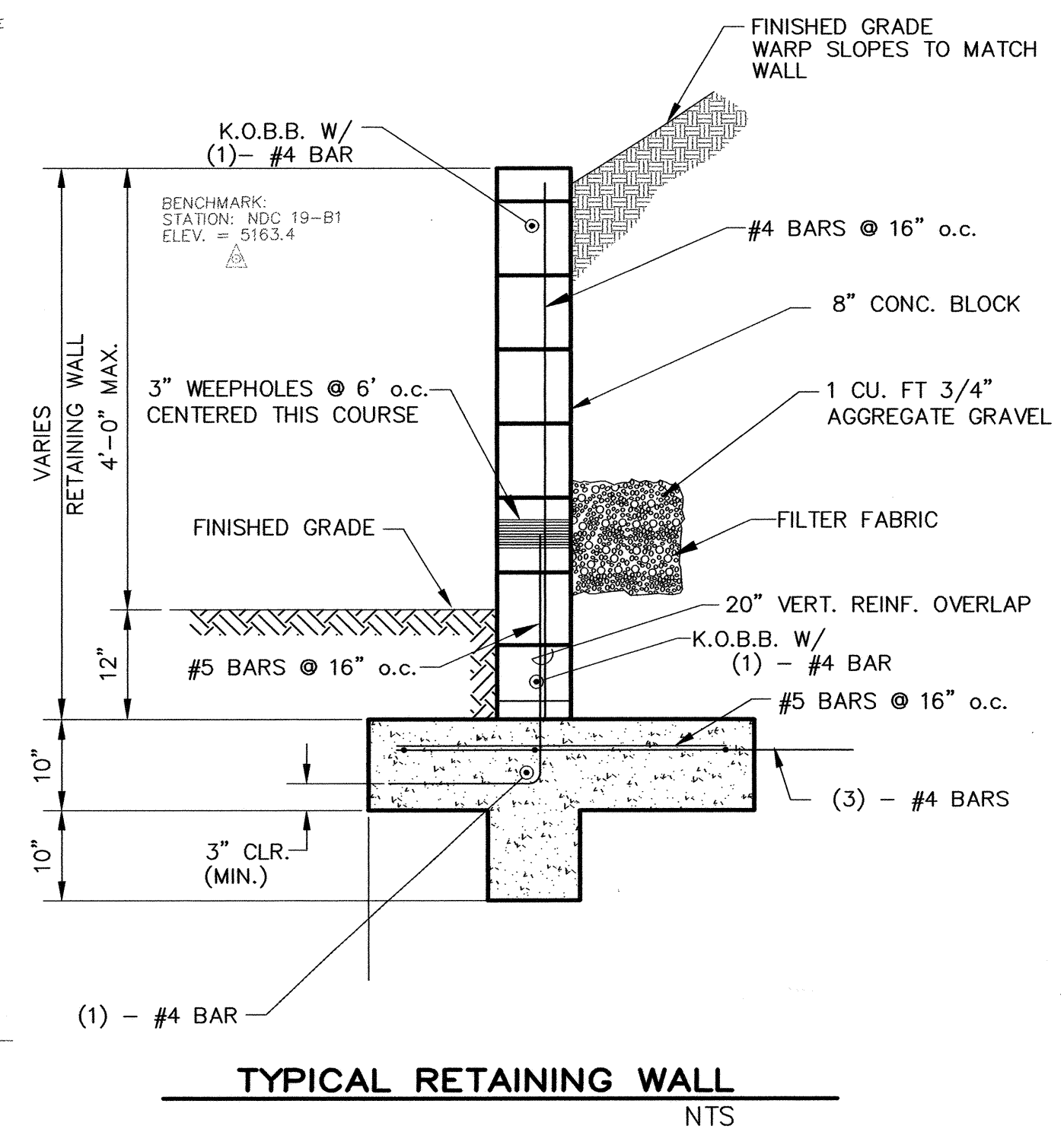
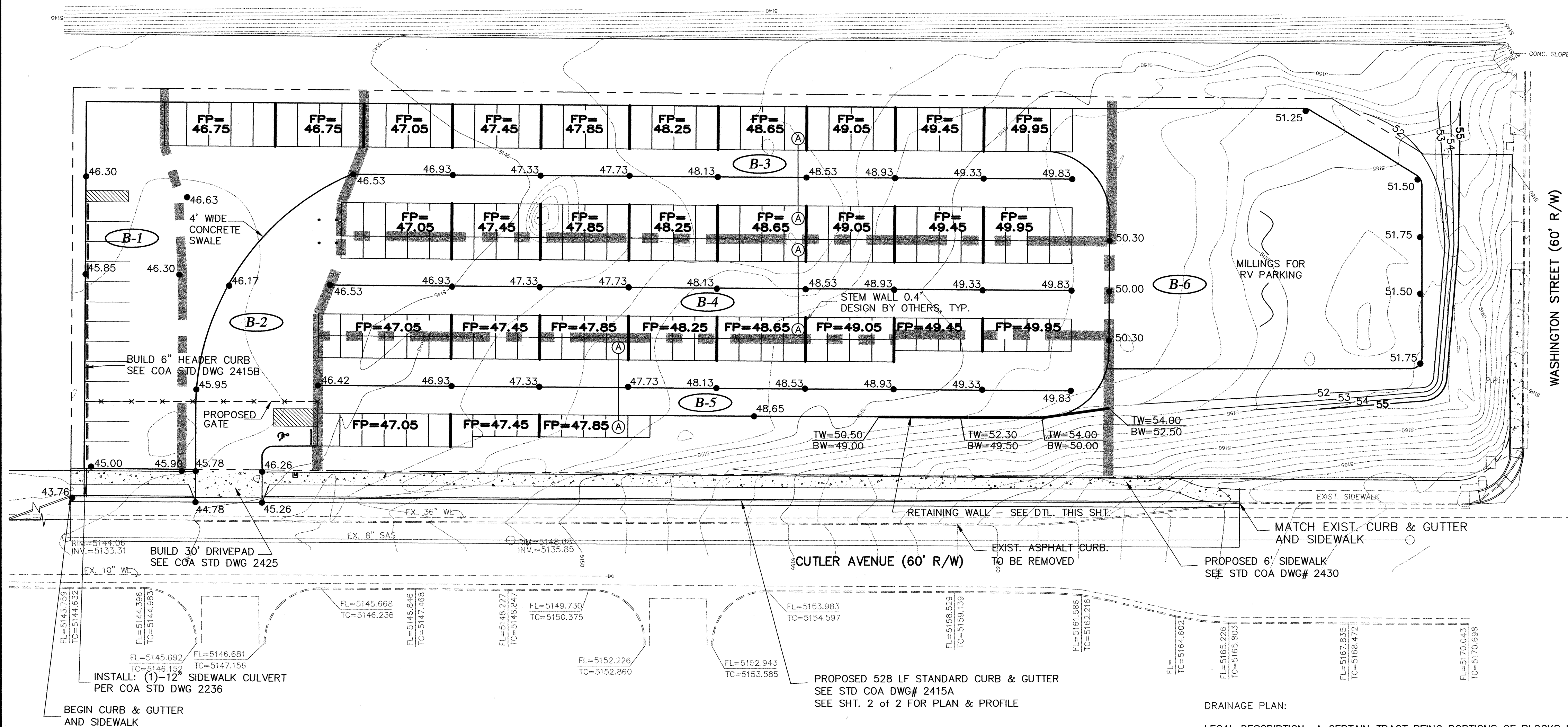
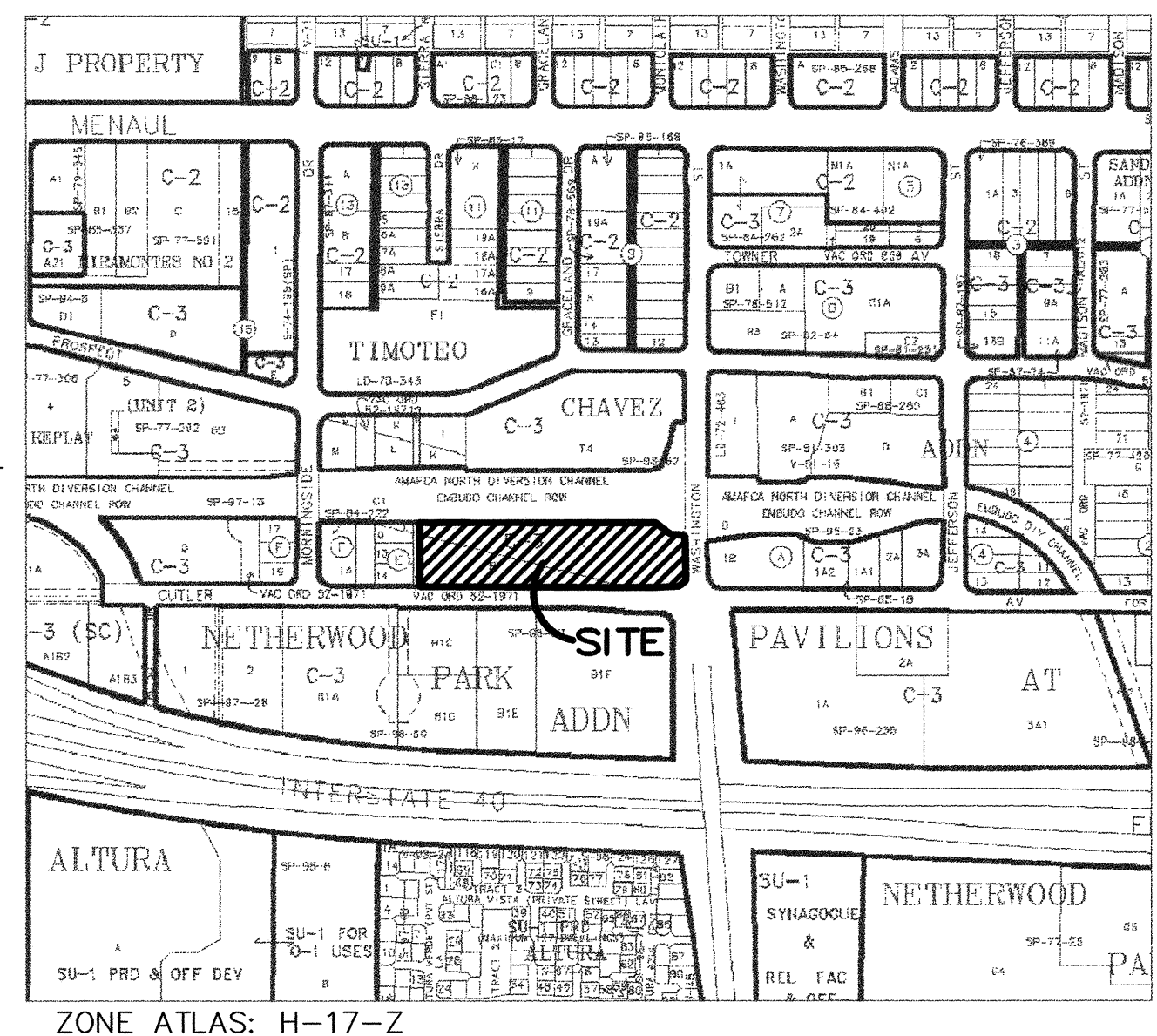
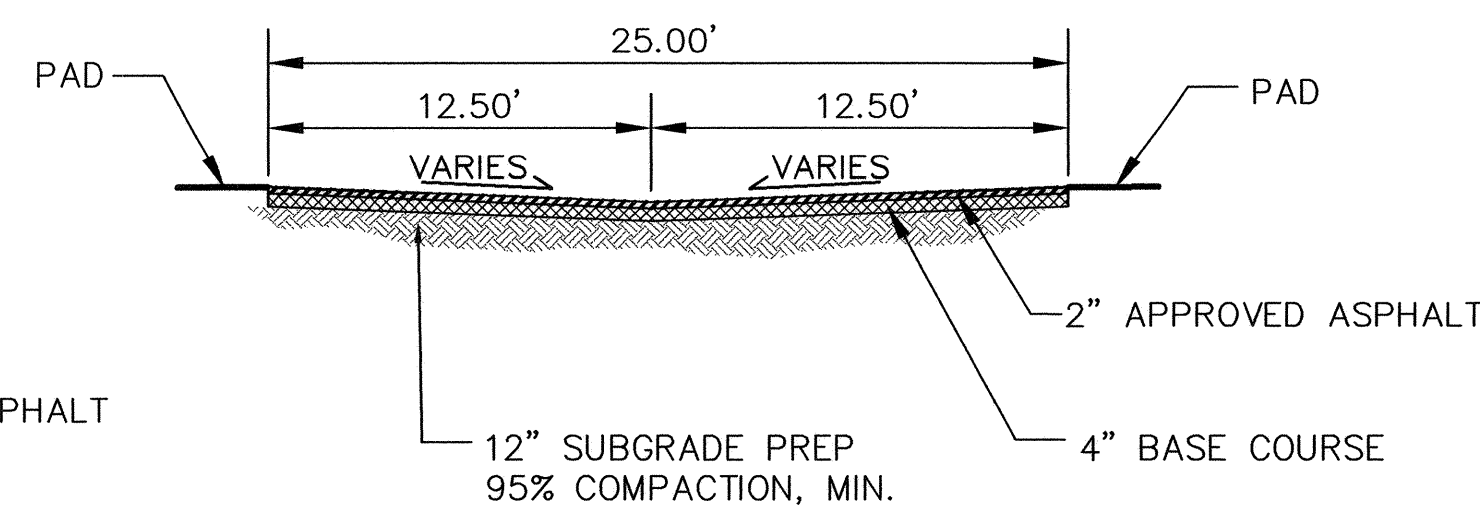
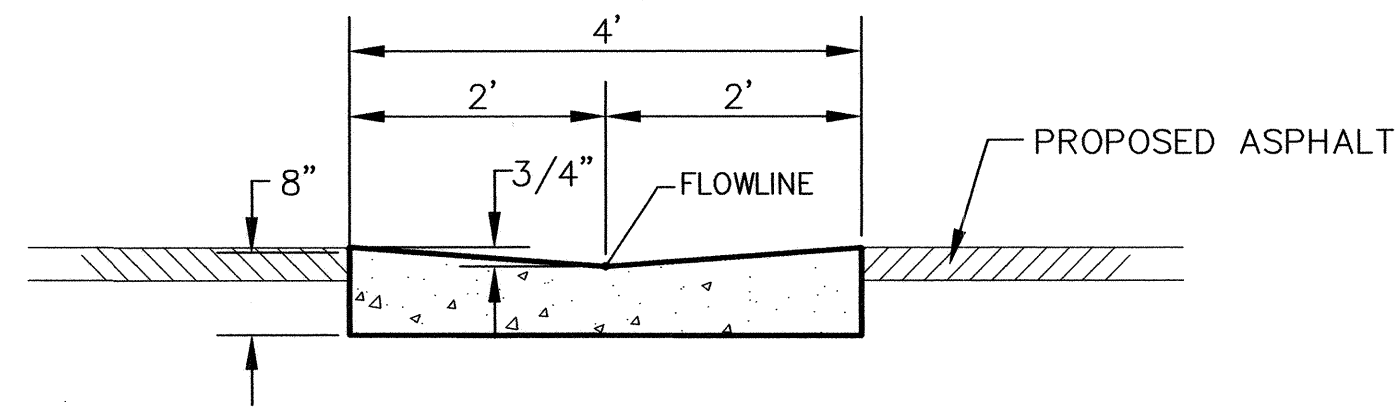


# LEGEND

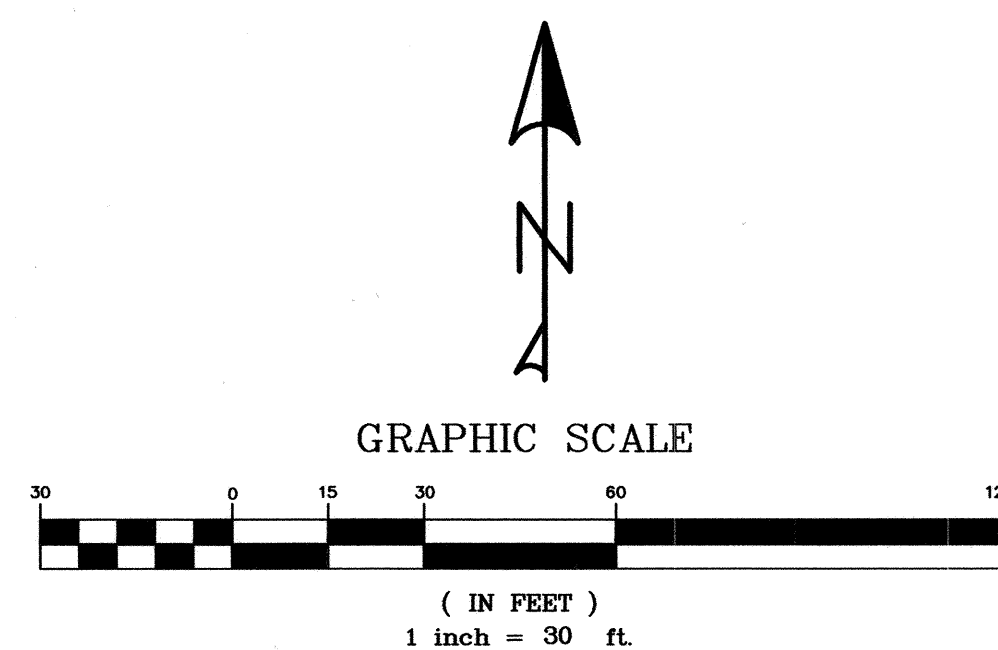
- EXIST. MAJOR CONTOURS
- EXIST. MINOR CONTOURS
- BASIN BOUNDARY
- BASIN NUMBER
- PROPOSED SWALE
- PROPOSED SPOT ELEVATIONS
- PROPOSED FLOW DIRECTION
- EXISTING CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- PROPERTY BOUNDARY (THIS IS NOT A BOUNDARY SURVEY)
- PROPOSED 4' WIDE CONCRETE SWALE SEE DETAIL THIS SHEET

# LEGAL DESCRIPTION

A CERTAIN TRACT BEING PORTIONS OF BLOCKS LETTERED "K" AND "R" OF THE TIMOTEO CHAVEZ ADDITION.



BASIN	AREA(ac)	TYPE A	TYPE B	TYPE C	TYPE D	100 YR. 6 HR PEAK FLOW (cfs)
B-1	0.185			0.032	0.151	0.90
B-2	0.274			0.012	0.262	0.85
B-3	0.600			0.044	0.466	2.28
B-4	0.358			0.000	0.358	1.63
B-5	0.456			0.127	0.329	1.90
B-6	0.660			0.308	0.352	2.20
TOTAL	2.533					9.76
EXISTING	2.533	2.53				3.15



## DRAINAGE PLAN:

LEGAL DESCRIPTION: A CERTAIN TRACT BEING PORTIONS OF BLOCKS LETTERED "K" AND "R" OF THE TIMOTEO CHAVEZ ADDITION.

SITE AREA: 2.533 ACRES

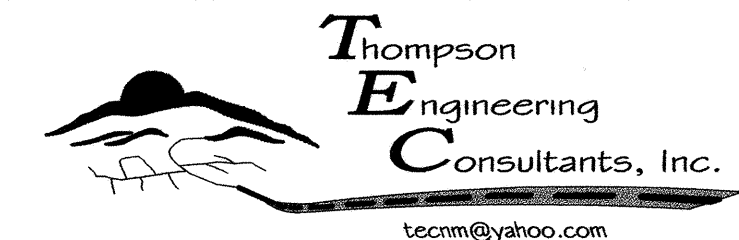
EXISTING DRAINAGE CONDITIONS:

THE PROPERTY IS LOCATED ON THE NORTHWEST CORNER OF WASHINGTON STREET AND CUTLER AVENUE. NO OFFSITE FLOWS REACH THE PROPERTY.

THE DRAINAGE ANALYSIS FOR THIS SITE IS IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE DRAINAGE POLICY WHICH FOLLOWS THE ALBUQUERQUE DEVELOPMENT PROCESS MANUAL SECTION 22.2. HYDROLOGY. THE PROPERTY IS LOCATED IN ZONE 2. THE 100-YEAR, 6-HOUR STORM IS 2.35 INCHES. UNDER EXISTING CONDITIONS THE LOT HAS 2.44 ACRES OF LAND TREATMENT A. THE PEAK RUNOFF DURING A 100-YEAR, 6-HOUR STORM UNDER EXISTING CONDITIONS IS 3.15 CFS.

DEVELOPED DRAINAGE CONDITIONS:

THE DRAINAGE PLAN FOR THE SITE INCLUDES THE RUNOFF FROM BASIN B-1 (0.90 CFS) DRAINING TO THE SOUTHWEST CORNER OF THE PROPERTY THROUGH A 12" SIDEWALK CULVERT, WHICH HAS A CAPACITY OF 1.65 CFS, TO CUTLER AVENUE. BASINS B-2 THROUGH B-6 ALL DRAIN OUT THROUGH THE CONCRETE DRIVEWAY ONTO CUTLER AVENUE. A TOTAL OF 8.86 CFS DRAINS THROUGH THE CONCRETE DRIVEWAY. ONSITE SWALES BETWEEN EACH BUILDING WILL CONVEY THE FLOW TO A 4 FOOT-WIDE CONCRETE SWALE, WHICH DISCHARGES TO THE CONCRETE DRIVEWAY.

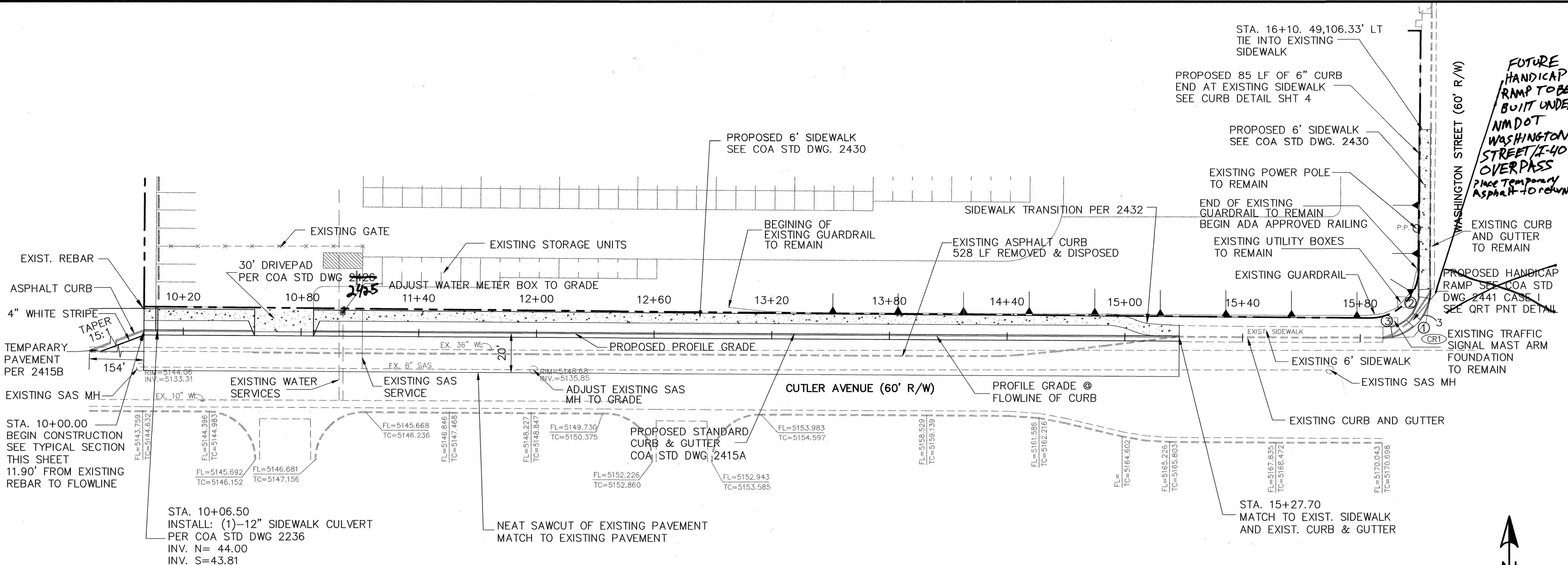


4800 JUAN TABO NE, SUITE C ALBUQUERQUE, NEW MEXICO 87111 PHONE: (505) 271-2199 FAX: (505) 237-8422

## MIDTOWN SELF STORAGE GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
For Information Only			
City Project No. 752181	Zone Map No. H-17-Z	Sheet 2	Of 4





CUTLER AVENUE

NOTE:

- 1. PAVEMENT SECTION DETAIL SEE SHEET 4.
- 2. CUTLER AVE. TYPICAL SECTION SEE SHEET 4.
- 3. QUARTER POINT DETAIL SEE SHEET 4.

SCALE  
HOR.: 1"=30'  
VER.: 1"=5'

- ① CURB DATA  
R = 25.00'  
Δ = 90°1'36"  
T = 25.01'  
L = 39.28'
- ② CURB DATA  
R = 19.00'  
Δ = 28°48'59"  
T = 4.88'  
L = 9.56'
- ③ CURB DATA  
R = 16.46'  
Δ = 71°28'15"  
T = 11.84'  
L = 20.53'

CR1	TC	FL
PC	67.19	66.52
1	67.69	67.02
2		67.53
3	68.26	67.59
PT	68.33	67.66

AS-BUILT CERTIFICATION

I, MICHAEL T. SHOOK, NEW MEXICO REGISTERED SURVEYOR NO. 13240, HEREBY ATTEST TO THE AS-BUILT INFORMATION AS SHOWN HEREON. FIELD SURVEY PERFORMED FEBRUARY 26, 2006.

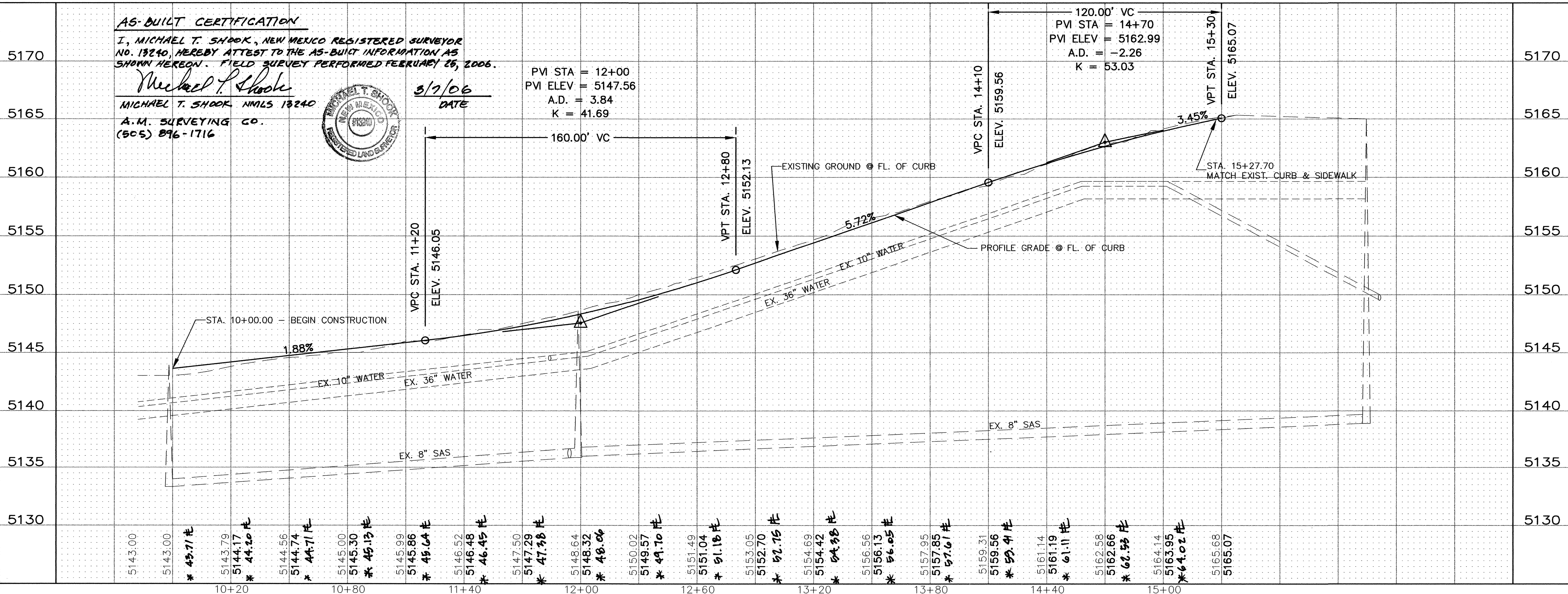
Michael T. Shook  
MICHAEL T. SHOOK NM13240  
A.M. SURVEYING CO.  
(505) 896-1716



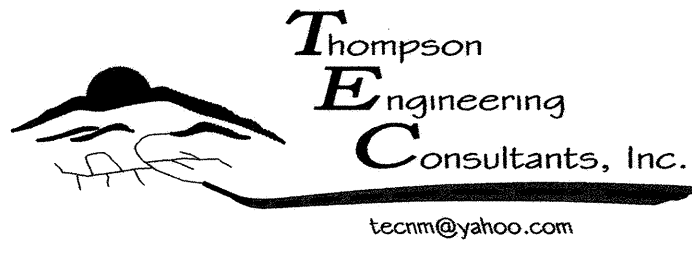
3/7/06  
DATE

PVI STA = 12+00  
PVI ELEV = 5147.56  
A.D. = 3.84  
K = 41.69

120.00' VC  
PVI STA = 14+70  
PVI ELEV = 5162.99  
A.D. = -2.26  
K = 53.03

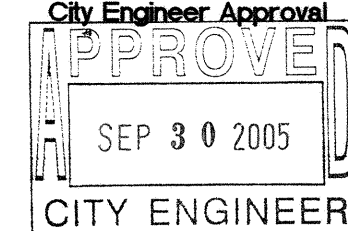
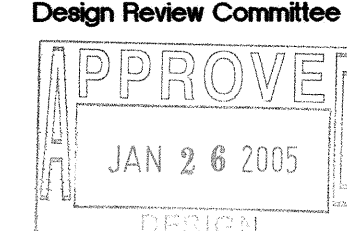


\* INDICATES AS-BUILT ELEVATIONS (FROM LINE)



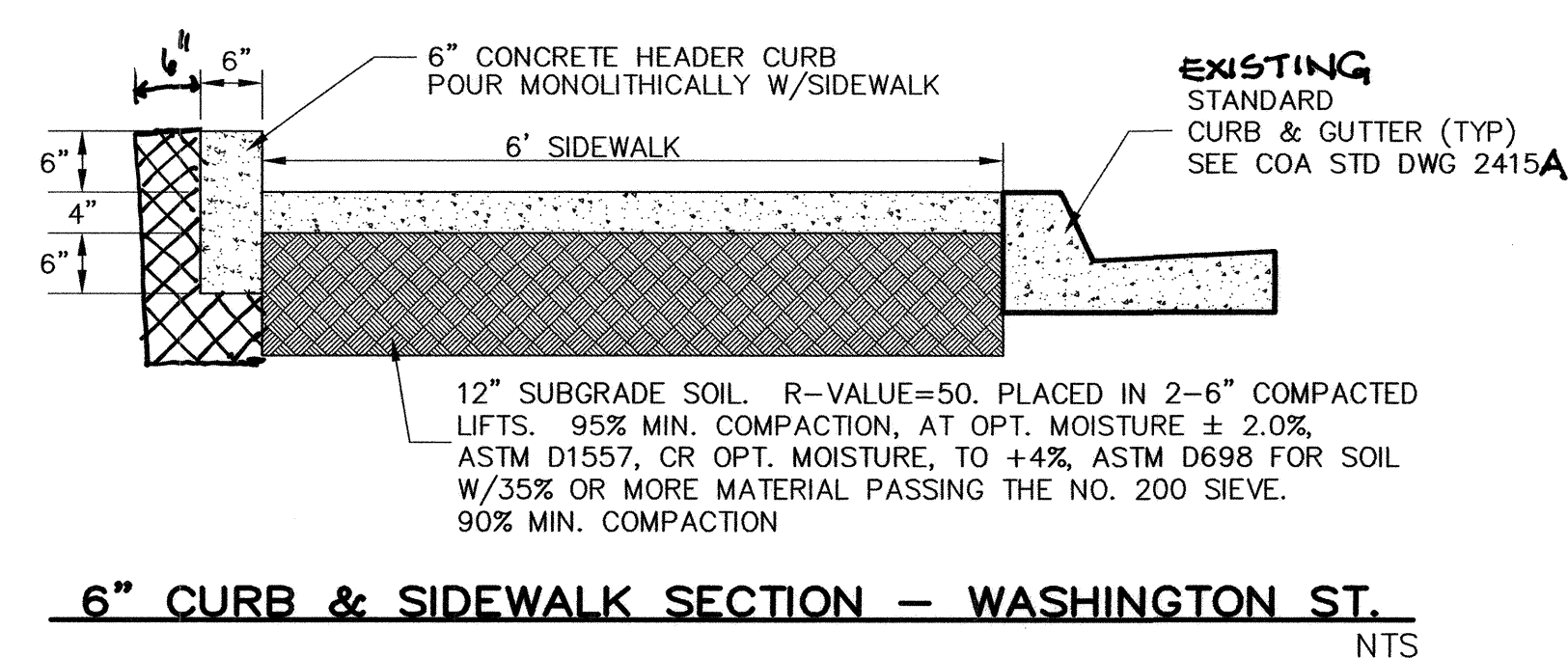
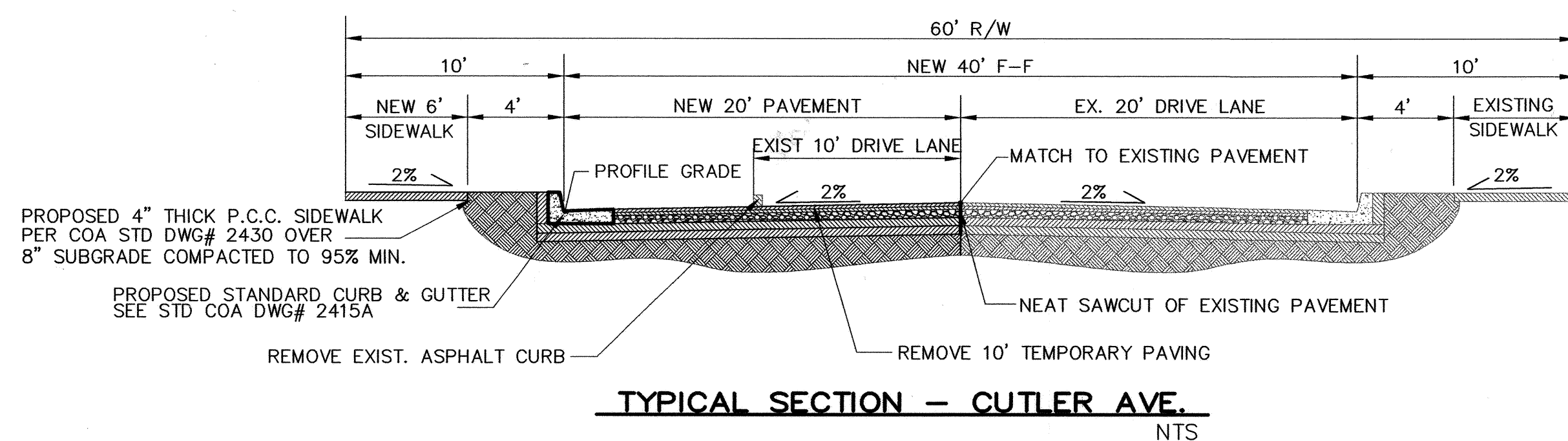
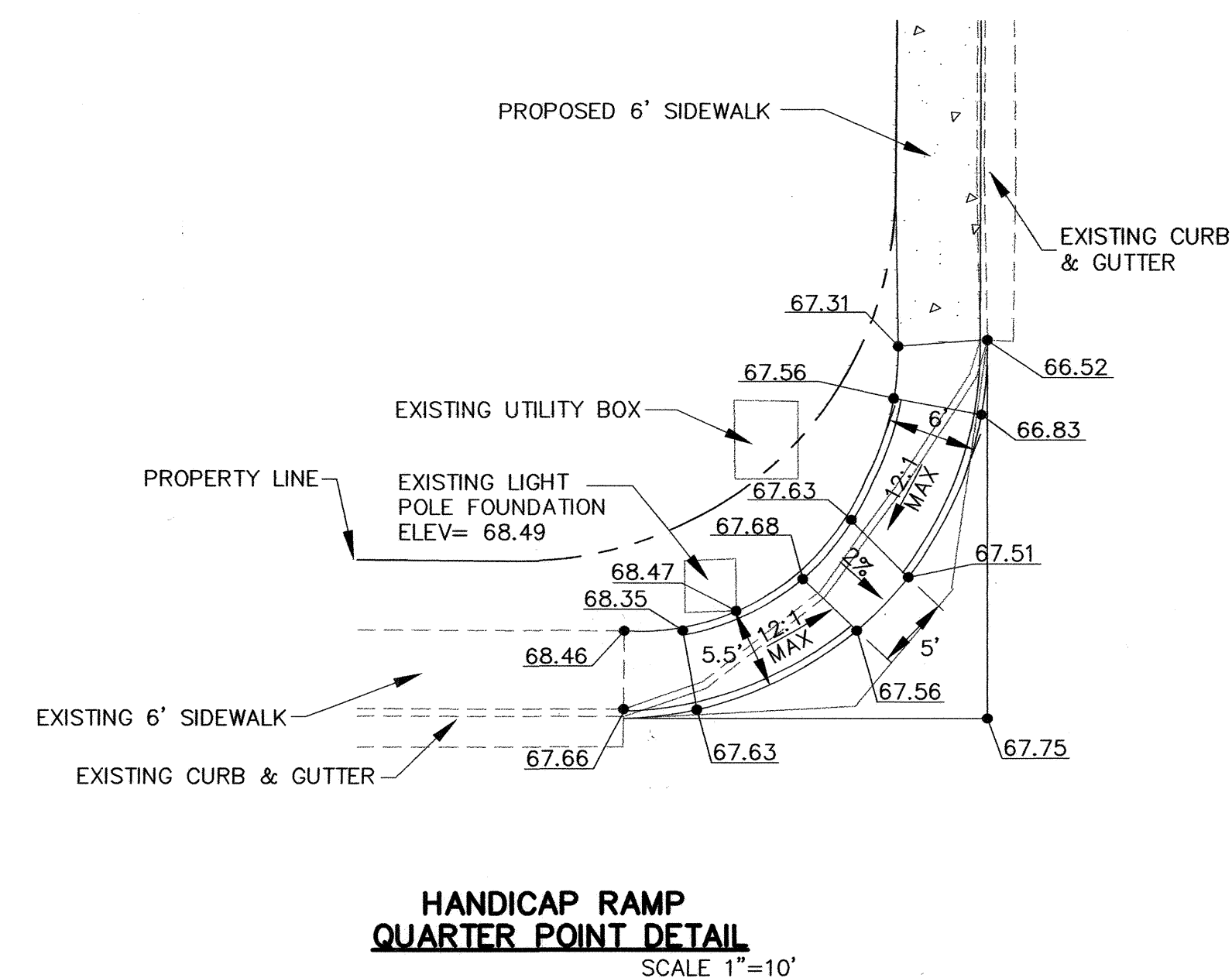
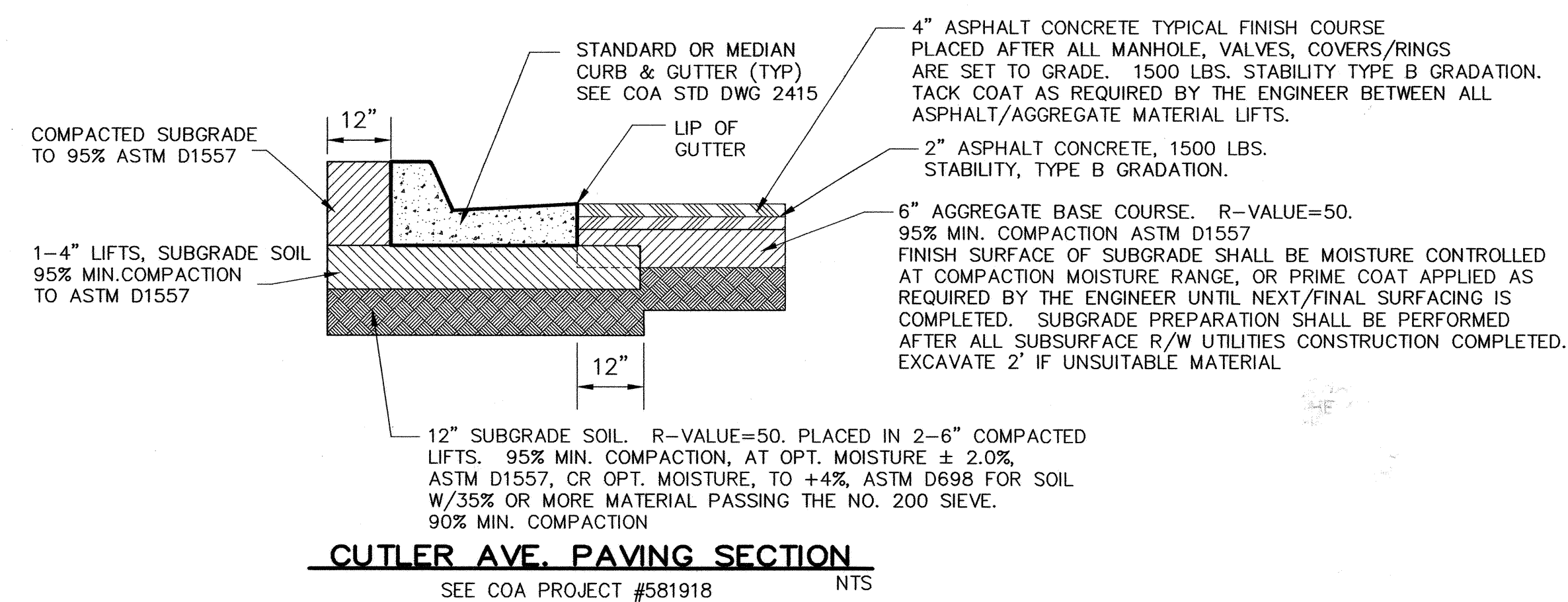
CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP



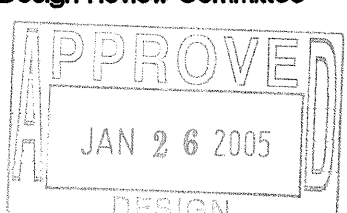
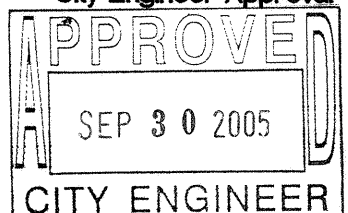
TITLE: MIDTOWN SELF STORAGE  
CUTLER PLAN & PROFILE





SCANNED  
BY PLN



 <b>Thompson Engineering Consultants, Inc.</b> <small>tecnm@yahoo.com</small> 4800 JUAN TABO NE, SUITE C    PHONE: (505) 271-2199 ALBUQUERQUE, NEW MEXICO 87111    FAX: (505) 237-8422				<b>ENGINEERS SEAL</b>		<b>SURVEY INFORMATION</b> FIELD NOTES NO.    BY    DATE		<b>BENCH MARKS</b> A.C.S. CONTROL STATION "NDC 19-B1" $Y = 1,494,009.38$ $X = 396,842.59$ $G-G = 0.99966528$ $DELTA ALPHA = -0011'54"$ CENTRAL ZONE (NAD 1927)		<b>AS-BUILT INFORMATION</b> CONTRACTOR <b>C. G. I.</b> WORK STARTED BY <b>A.M. Surveying</b> DATE <b>11/05</b> ACCEPTANCE BY <b>S.E.C.</b> DATE <b>4/06</b> FIELD CATION BY <b>A.M. Surveying</b> DATE <b>4/06</b> DRAWINGS CORRECTED BY <b>A.M. Surveying</b> DATE <b>4/06</b> <b>MICRO-FILM INFORMATION</b> RECORDED BY    DATE NO.	
NO.    DATE    REMARKS    BY		NO.    DATE    REMARKS    BY		NO.    DATE    REMARKS    BY		NO.    DATE    REMARKS    BY		NO.    DATE    REMARKS    BY		NO.    DATE    REMARKS    BY	
DESIGNED BY <b>DBT</b> DATE <b>12-29-04</b> DRAWN BY <b>DEM</b> DATE <b>12-29-04</b> CHECKED BY <b>DBT</b> DATE <b>12-29-04</b>		DESIGNED BY <b>DBT</b> DATE <b>12-29-04</b> DRAWN BY <b>DEM</b> DATE <b>12-29-04</b> CHECKED BY <b>DBT</b> DATE <b>12-29-04</b>		DESIGNED BY <b>DBT</b> DATE <b>12-29-04</b> DRAWN BY <b>DEM</b> DATE <b>12-29-04</b> CHECKED BY <b>DBT</b> DATE <b>12-29-04</b>		DESIGNED BY <b>DBT</b> DATE <b>12-29-04</b> DRAWN BY <b>DEM</b> DATE <b>12-29-04</b> CHECKED BY <b>DBT</b> DATE <b>12-29-04</b>		DESIGNED BY <b>DBT</b> DATE <b>12-29-04</b> DRAWN BY <b>DEM</b> DATE <b>12-29-04</b> CHECKED BY <b>DBT</b> DATE <b>12-29-04</b>		DESIGNED BY <b>DBT</b> DATE <b>12-29-04</b> DRAWN BY <b>DEM</b> DATE <b>12-29-04</b> CHECKED BY <b>DBT</b> DATE <b>12-29-04</b>	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP											
<b>TITLE: MIDTOWN SELF STORAGE MISCELLANEOUS DETAILS</b>											
Design Review Committee 		City Engineer Approval 		Last Design Update		No. / Day / Yr.		No. / Day / Yr.		No. / Day / Yr.	
City Project No. <b>752181</b>		Zone Map No.		Sheet No. <b>H-17-Z</b>		Drawing No.		of		4 of 4	