

SCANNED BY
PLANNING

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20-0313.85 001

CONSTRUCTION PLANS FOR TARGET STORE SITE - NE ALBUQUERQUE PUBLIC WATERLINE IMPROVEMENTS ALBUQUERQUE, NEW MEXICO

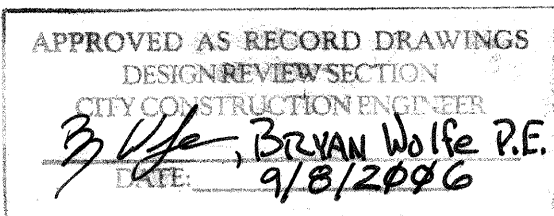
INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2A-2B	PLAT
3	OVERALL UTILITY PLAN
4	WATERLINE PLAN AND PROFILE SHEET

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 certify, 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 by me 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 CHRIS MEDINA (Surveyor Name) NMPS number 15702 (PS#).

I, CHRISTOPHER A. MEDINA, NMPS NO. 15702, DO HEREBY CERTIFY THAT THE AS-BUILT ELEVATIONS SHOWN AND THE ACTUAL SURVEY WHICH WERE DERIVED FROM WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THEY ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF
Christopher A. Medina
CHRISTOPHER A. MEDINA, NMPS NO. 15702 DATE



CONSTRUCTION NOTES:

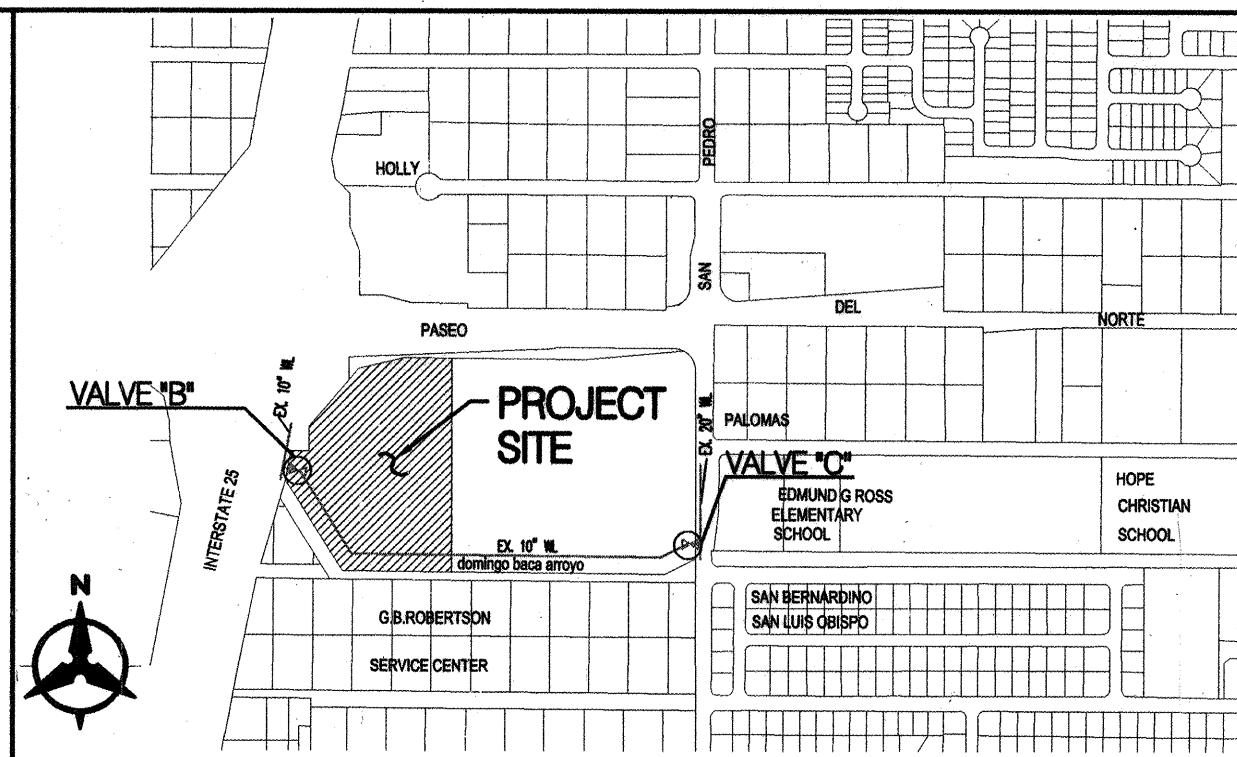
1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
2. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
3. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
4. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERE TO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NOT SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

5. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
6. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
7. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
8. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE).
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
10. ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.

11. THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN PROVIDED HEREIN. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
13. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
14. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
15. WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
16. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.

17. 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.
18. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

Bohannon & Huston
Courtney I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES



VICINITY MAP
D-18

NOTICE TO CONTRACTORS

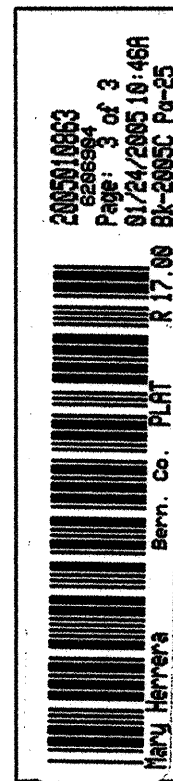
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS, SHOULD A CONFLICT EXIST. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULED. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION, CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK EFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR 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.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER UTILITY DIVISION (857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

DRB #1001946

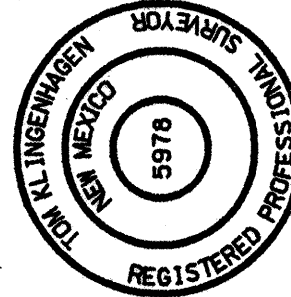
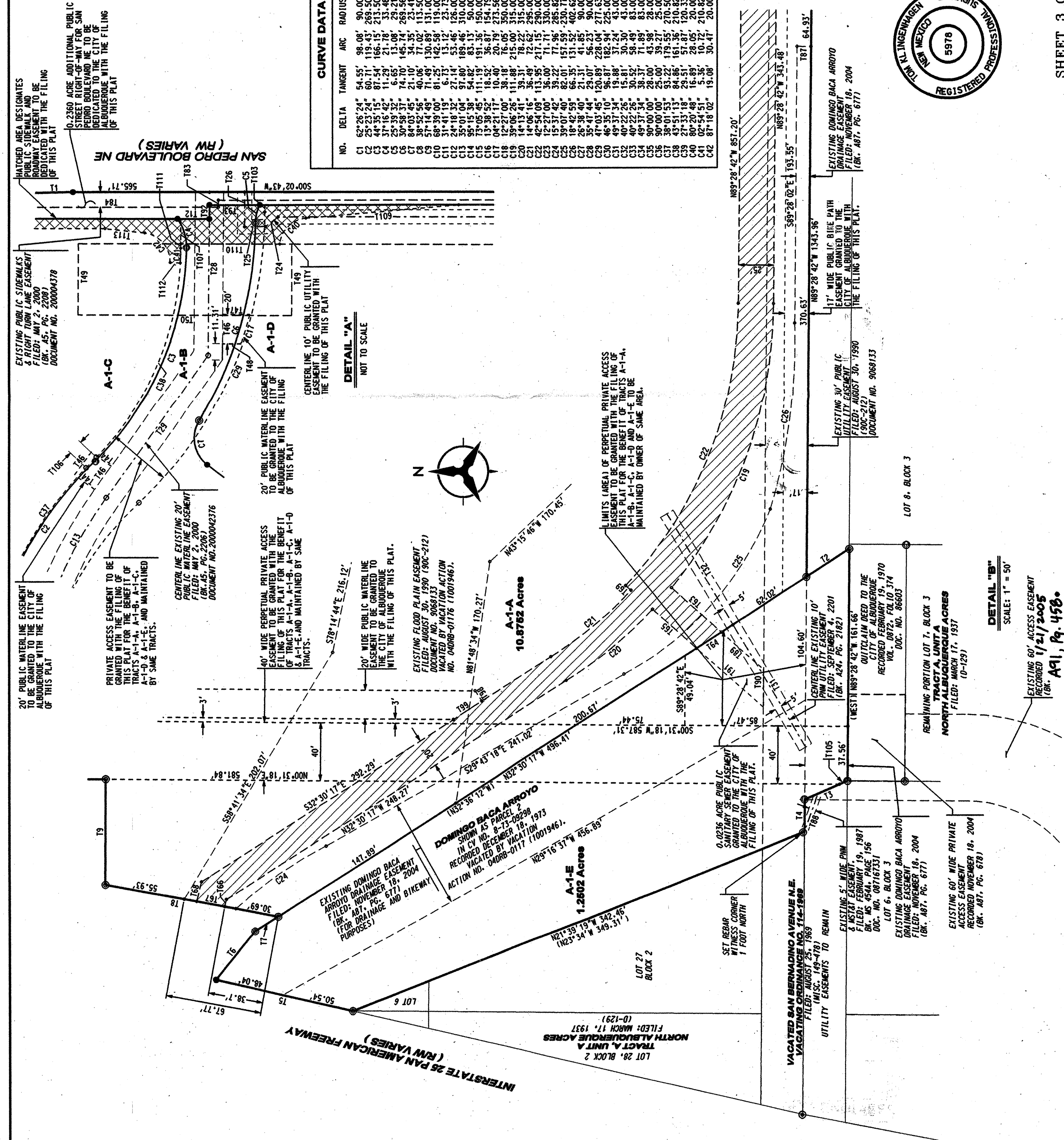
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman	<i>[Signature]</i>	3-24-05	APPROVED FOR CONSTRUCTION <i>[Signature]</i> 4-26-05 City Engineer Date		
		Transportation	<i>[Signature]</i>	3/17/05			
		Water/Wastewater	<i>[Signature]</i>				
		Hydrology	<i>[Signature]</i>				
		Parks	<i>[Signature]</i>				
		Const. Coord.	<i>[Signature]</i>				
City Project No.				631385	Sheet 1 Of 4		

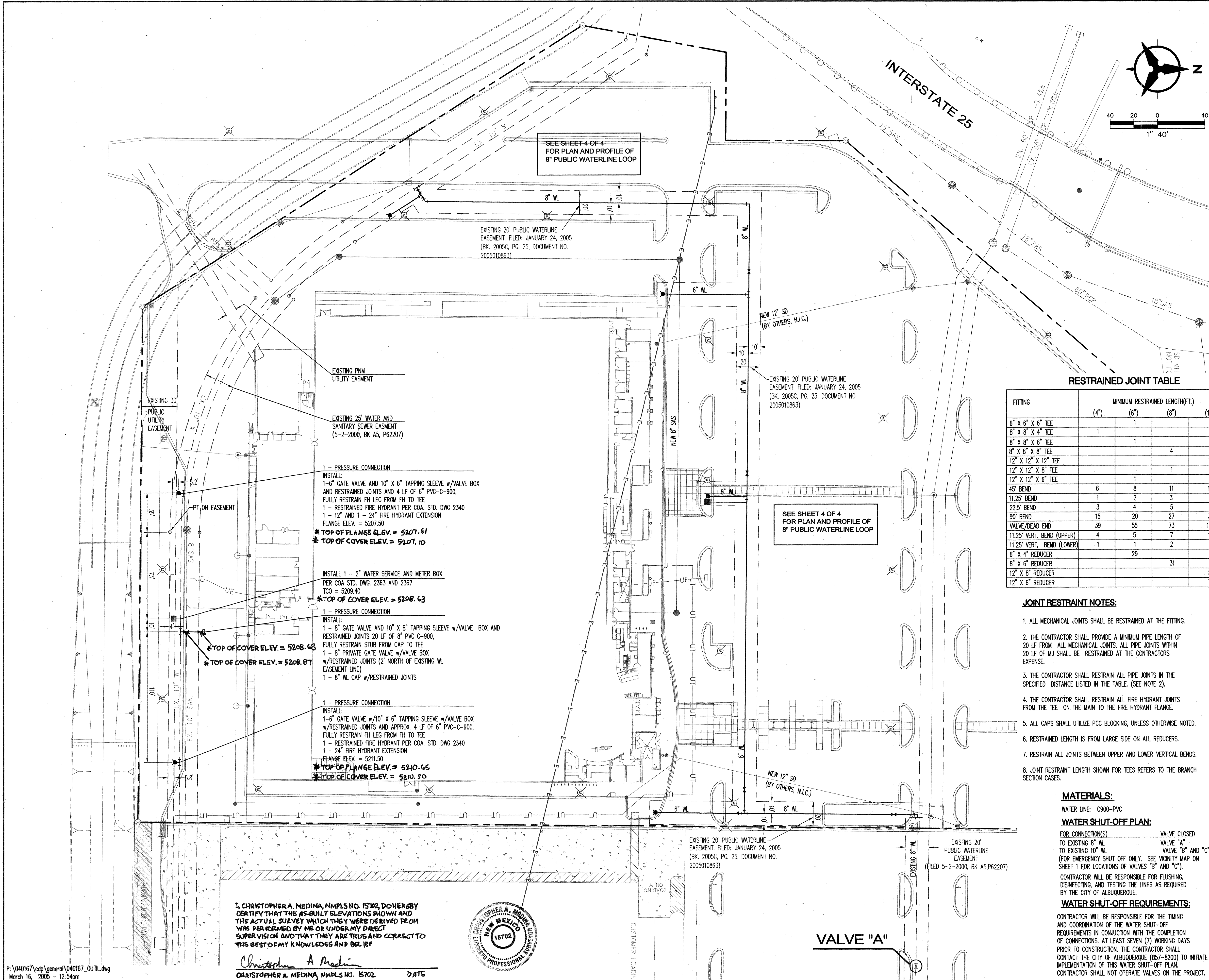


PLAT OF
**TRACTS A-1-A, A-1-B,
A-1-C, A-1-D & A-1-E**
LOS ANGELES CENTER
(A REPLAT OF TRACT A-1 LOS ANGELES CENTER
AND THE DOMINGO BACA ARROYO TOGETHER
WITH THE VACATED SAN BERNARDINO AVENUE NE
WITH NORTH ALBUQUERQUE ACRES)
ALBUQUERQUE, NEW MEXICO
OCTOBER, 2004

TANGENT DATA		
NO.	BEARING	DISTANCE
1	S 01°26'47"E	60.00'
2	S 33°30'11"E	35.71'
3	N 63°29'02"E	32.86'
4	N 63°29'02"E	22.31'
5	N 63°29'02"E	44.62'
6	N 63°29'02"E	44.62'
7	N 63°29'02"E	44.62'
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155	N 63°29'02"E	44.62'

CURVE DATA		
NO.	DELTA	TANGENT
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152	31°16'42"	61.73'
153	31°16'42"	61.73'
154	31°16'42"	61.73'
155	31°16'42"	61.73'





GENERAL NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES)
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- MH RIMS & CATCH BASIN INLET ELEVATIONS, VALVE BOXES, ARV, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
- WATERLINE STATIONING FOLLOWS CL OF EASEMENT UNLESS OTHERWISE NOTED.
- STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

LEGEND

- PROPERTY LINE
- NEW EASEMENT
- SAS EXISTING SANITARY SEWER
- W EXISTING WATER LINE
- EXISTING STORM DRAIN
- EXISTING WATER METER
- EXISTING CAP
- EXISTING VALVE
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAIN
- 8" X 6" REDUCER
- 12" X 8" REDUCER
- 12" X 6" REDUCER
- PROPOSED SANITARY SEWER
- PROPOSED WATER LINE
- PROPOSED VALVE
- PROPOSED HYDRANT
- PROPOSED CAP
- PROPOSED WATER METER
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM DRAIN
- PROPOSED STREET LIGHT
- AS-BUILT ELEVATION

RESTRAINED JOINT TABLE

FITTING	(4")	(6")	(8")	(12")
6" X 6" X 6" TEE	1	1		
8" X 8" X 4" TEE				
8" X 8" X 6" TEE		1		
8" X 8" X 8" TEE			4	
12" X 12" X 12" TEE				18
12" X 12" X 8" TEE			1	
12" X 12" X 6" TEE		1		
45° BEND	6	8	11	15
11.25° BEND	1	2	3	4
22.5° BEND	3	4	5	7
90° BEND	15	20	27	37
VALVE/DEAD END	39	55	73	104
11.25° VERT. BEND (UPPER)	4	5	7	10
11.25° VERT. BEND (LOWER)	1	1	2	3
6" X 4" REDUCER		29		
8" X 6" REDUCER			31	
12" X 8" REDUCER				55
12" X 6" REDUCER				75

JOINT RESTRAINT NOTES:

- ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 20 LF OF MJ SHALL BE RESTRAINED AT THE CONTRACTORS' EXPENSE.
- THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE. (SEE NOTE 2).
- THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
- ALL CAPS SHALL UTILIZE POC BLOCKING, UNLESS OTHERWISE NOTED.
- RESTRAINED LENGTH IS FROM LARGE SIDE ON ALL REDUCERS.
- RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.
- JOINT RESTRAINT LENGTH SHOWN FOR TEES REFERS TO THE BRANCH SECTION CASES.

MATERIALS:

WATER LINE: C900-PVC

WATER SHUT-OFF PLAN:

FOR CONNECTION(S) VALVE CLOSED
TO EXISTING 8" WL VALVE "A"
TO EXISTING 10" WL VALVE "B" AND "C"
(FOR EMERGENCY SHUT OFF ONLY. SEE VICINITY MAP ON SHEET 1 FOR LOCATIONS OF VALVES "B" AND "C").
CONTRACTOR WILL BE RESPONSIBLE FOR FLUSHING, DISINFECTING, AND TESTING THE LINES AS REQUIRED BY THE CITY OF ALBUQUERQUE.

WATER SHUT-OFF REQUIREMENTS:

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF CONNECTIONS. AT LEAST SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE CITY OF ALBUQUERQUE (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN. CONTRACTOR SHALL NOT OPERATE VALVES ON THE PROJECT.

I, CHRISTOPHER A. MEDINA, NPLS NO. 15702, DO HEREBY CERTIFY THAT THE AS-BUILT ELEVATIONS SHOWN AND THE ACTUAL SURVEY WHICH THEY WERE DERIVED FROM WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THEY ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Christopher A. Medina
CHRISTOPHER A. MEDINA NPLS NO. 15702 DATE



VALVE "A"

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	AS Aluminum Cap stamped "9-018 1985" Geographic Position (NAD 1927)	DATE	FIELD NOTES	DATE	By	REMARKS
STATION	DATE	N.M. State Plane Coordinates (Central Zone) X = 402255.61 Y = 1521135.09	DATE	NO.	NO.	By	REVISIONS
DESIGNED BY	DATE	Ground-to-Gold Factor = 0.996608 (AS PUBLISHED)	DATE			By	DESIGN
CHECKED BY	DATE	A.C.C. = -00' 11"	DATE			By	
DESIGNED BY	DATE	ELEVATION: 5229.79	DATE			By	
CHECKED BY	DATE	The station mark is related to a 2 1/2" aluminum tube with the cap projecting 0.05' above the ground, located at the southwest corner of San Pedro and Washie.	DATE			By	
DESIGNED BY	DATE		DATE			By	
CHECKED BY	DATE		DATE			By	

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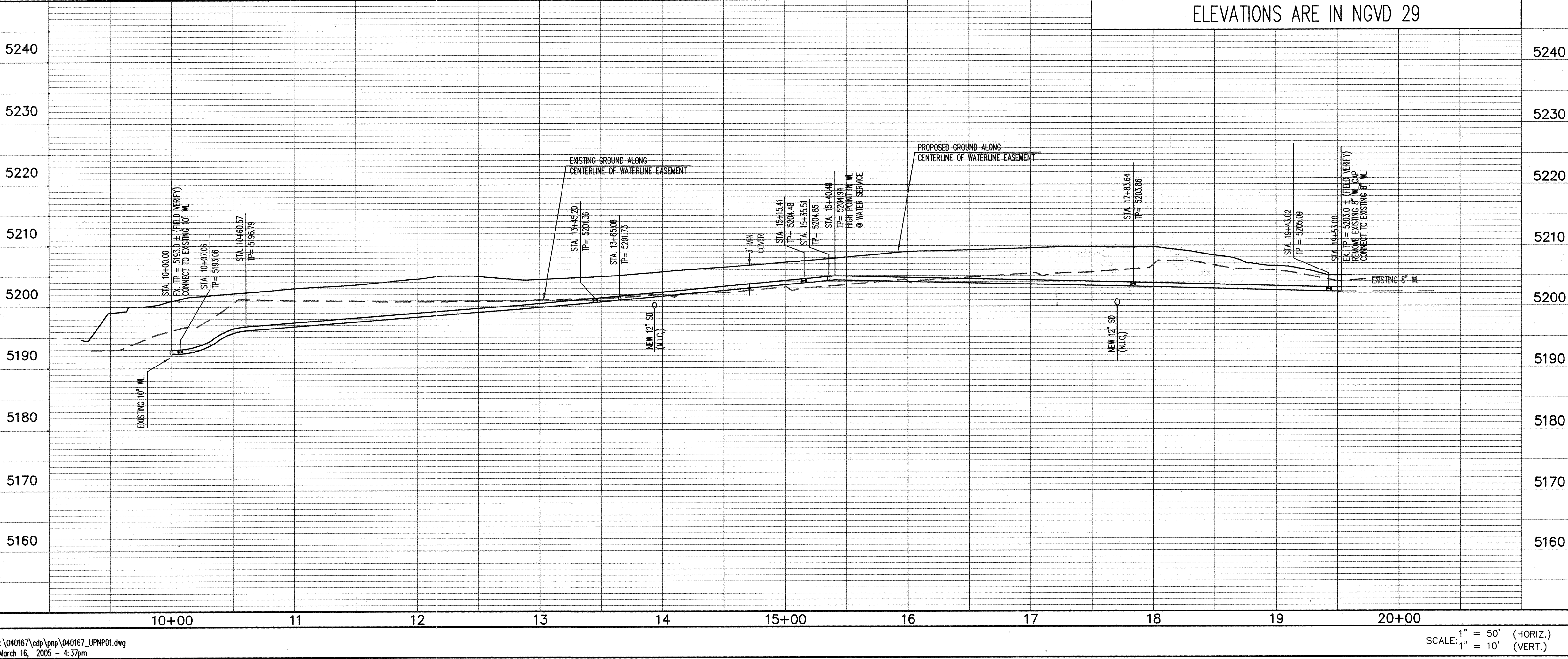
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TARGET STORE SITE - NE ALBUQUERQUE
PUBLIC WATERLINE IMPROVEMENTS
OVERALL UTILITY PLAN

Design Review Committee
APPROVE
MAR 24 2005
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVE
APR 26 2005
CITY ENGINEER

City Project No. 631385
Zone Map No. D-18
Sheet 3 Of 4



GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES)
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS TO INSTALL A 4" $4 \times 4 \times 5'$ POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
6. CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
7. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
8. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
9. MH RIMS & CATCH BASIN INLET ELEVATIONS, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVED GRADES.
10. WATERLINE STATIONING FOLLOWS CL OF EASEMENT UNLESS OTHERWISE NOTED
11. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
12. FLOWLINE ELEVATIONS FOR DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.
13. FOR STORM DRAIN CONSTRUCTION: ALL ROP JOINTS SHALL NOT BE GROUDED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUDED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
14. SEE STD. DWG.'S 2326 AND 2328 FOR VALVE BOX DETAILS.

I, CHRISTOPHER A. MEDINA, NMPLS NO. 15702, DO HEREBY CERTIFY THAT THE AS-BUILT ELEVATIONS SHOWN AND THE ACTUAL SURVEY WHICH THEY WERE DERIVED FROM WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THEY ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Christopher A Medina August 25, 2005
CHRISTOPHER A MEDINA, NMPLS NO 15702 DATE



LEGEND

	DOUBLE WATER METER
	SINGLE WATER METER
	WATER LINE SHUTOFF VALVE
	WATER LINE TEE
	SAS LATERAL
	SAS MANHOLE
	STORM DRAIN MANHOLE
	STORM DRAIN INLET
	PROPOSED FIRE HYDRANT
	EXISTING WATER VALVE
	PROPOSED STREET LIGHT
	AS-BUILT ELEVATION

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

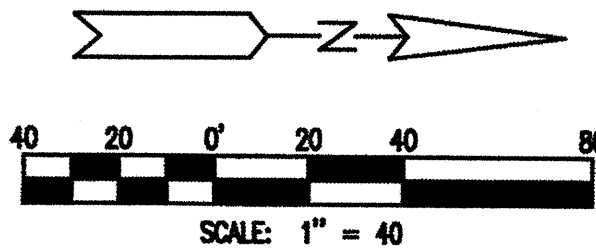
**TARGET STORE SITE - NE AL
PUBLIC WATERLINE IMPROV
PLAN AND PROFILE**

City Project No.	631385	Zone Map No.	D-18
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[illegible]

SCANNED BY
PLANNING

PROPOSED BOX CULVERT
BY OTHERS



SANITARY STRUCTURE TABLE		
STRUCTURE	INVERTS	TYPE
SAS 1A	RIM = 5209.83 6" INV. S. = 5204.66 6" INV. W. = 5204.46	SAS MANHOLE
SAS 1	RIM = 5205.53 6" INV. E. = 5201.47 6" INV. S. = 5201.27	SAS MANHOLE
SAS 2	RIM = 5203.05 6" INV. N. = 5198.39 6" INV. SE. = 5198.20	SAS MANHOLE
SAS 3	RIM = 5202.75 6" INV. NW. = 5197.53 10" INV. SE. = 5186.23 10" INV. SW. = 5186.23	EXISTING SAS MANHOLE w/ 10' (±) DROP PIPE

- NOTE:
1. THIS PLAN FOR WATER AND SANITARY ONLY.
2. ALL HYDRANTS, VALVES, WATER LINE, CONNECTIONS, BLOCKING, ETC., SHALL BE IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARDS.
3. ALL WATER MAIN SHALL BE DUCTILE IRON, PRESSURE CLASS 150.
4. ALL SANITARY MANHOLES SHALL BE TYPE 'C'.
5. ALL SANITARY SEWER SHALL BE PVC, SDR-35.

AFD PLANS CHECKING OFFICE
924-3611
APPROVED/DISAPPROVED
HYDRANT(S) ONLY
R.C. Sanchez 10-26-04
SIGNATURE & DATE



REVIEWED BY:

Development Manager	Revise and Resubmit	Not Reviewed	Approved as Noted	Approved
Project Architect	Revise and Resubmit	Not Reviewed	Approved as Noted	Approved
Project Engineer (M)	Revise and Resubmit	Not Reviewed	Approved as Noted	Approved
Project Engineer (E)	Revise and Resubmit	Not Reviewed	Approved as Noted	Approved
Project Engineer (S)	Revise and Resubmit	Not Reviewed	Approved as Noted	Approved

Approved only for conformance of the site construction documents to Target Developer Guide, Edition 2.4 and the Target building documents. Consultant is solely responsible for completeness, accuracy, and dimensions on the site construction documents.



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TITLE: UTILITY PLAN (PRELIMINARY)	
PLANNING	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
LAST DESIGN UPDATE	MO/DAY/YR
DRAWING NO.	MAP NO.
SHEET C6.0	

631385