

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
20-0631-81-07

CONSTRUCTION PLANS

FOR

LOTS 20-A-1 THRU 20-A-6, UNIT 1 CANDLELIGHT FOOTHILLS

PAVING AND UTILITY IMPROVEMENTS

CITY OF ALBUQUERQUE
NEW MEXICO
JUNE 2005

INDEX TO DRAWINGS

1. TITLE SHEET
2. PLAT
3. GRADING AND DRAINAGE PLAN
4. ACCESS ROAD PAVING PLAN
5. SANITARY SEWER AND WATER LINE PLAN

RECORD DRAWING

I, SHARAS BLAZAR, OF THE FIRM OF ADVANCED ENGINEERING AND CONSULTING, LLC, 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 ME OR BY A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS 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. THIS CERTIFICATION IS BASED ON SITE INSPECTIONS BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY LEONARD MARTINEZ OF ADVANCED ENGINEERING, N.M.'S NUMBER 13479.

SHARAS BLAZAR
REGISTERED PROFESSIONAL ENGINEER
13479
DATE: 9/6/06
Advanced Eng. & Cons., LLC

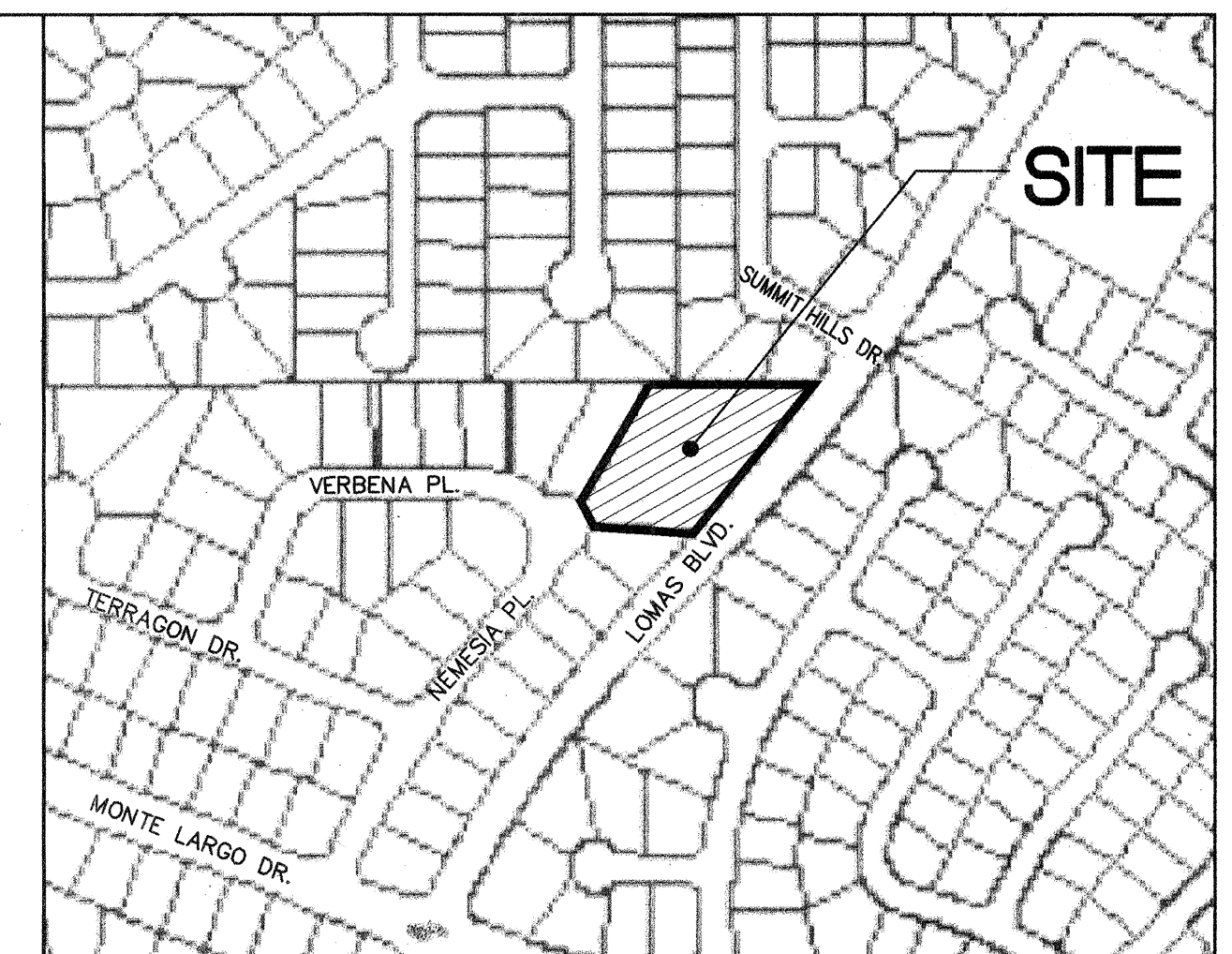
APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY ENGINEER
DATE: 10/30/07

RECORD DRAWINGS

DRAWING: 200442-TITLE DRAWN BY: SHH DATE: 07-27-05

DRB CASE NUMBER 1001409

ADVANCED
ENGINEERING
and CONSULTING, LLC
4416 ANAHEIM AVE., NE
ALBUQUERQUE, NEW MEXICO 87113
(505)899-5570



VICINITY MAP ZONE ATLAS J-23-Z

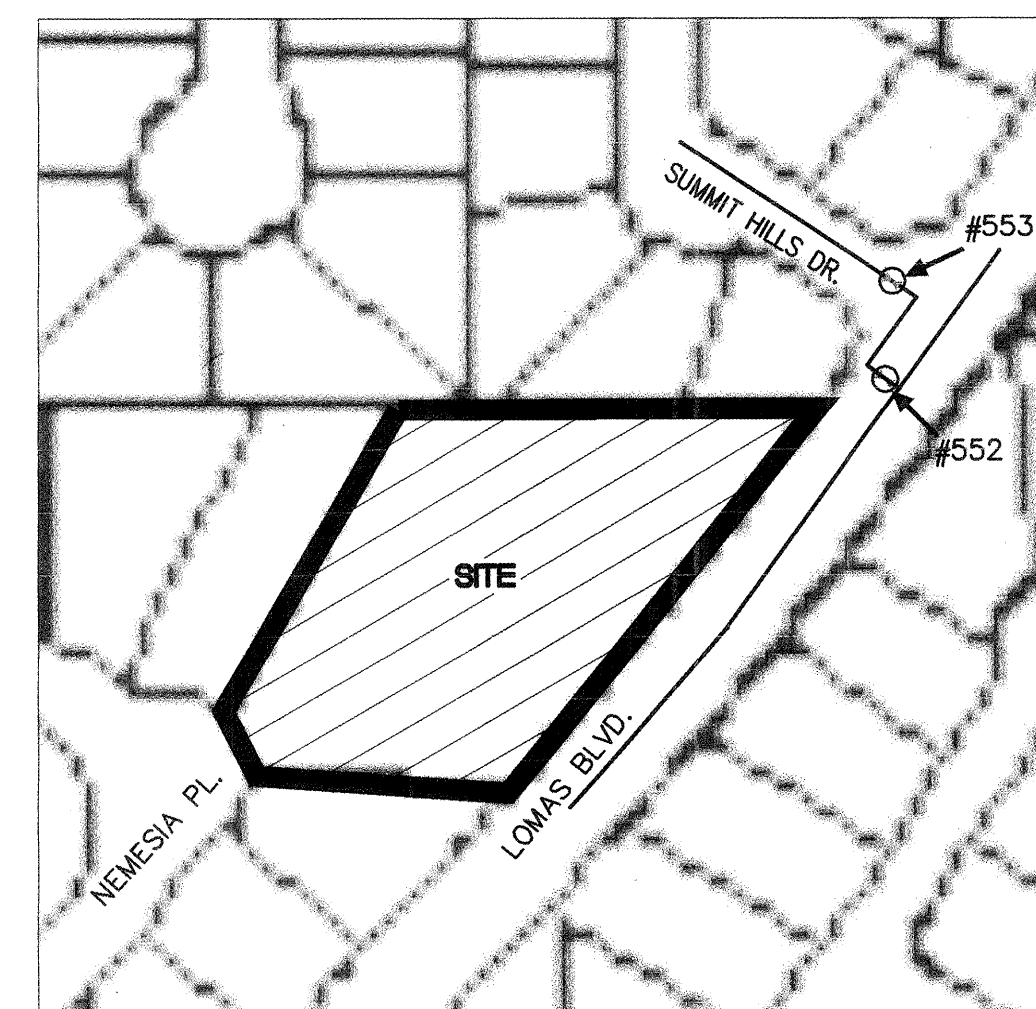
N.T.S.

NOTICE TO CONTRACTORS

1. 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 (UPDATE #7).
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
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 OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO(2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
7. 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. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNERS EXPENSE.
8. 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.
9. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

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.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE DESIGN ENGINEER.
- ☐ 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.

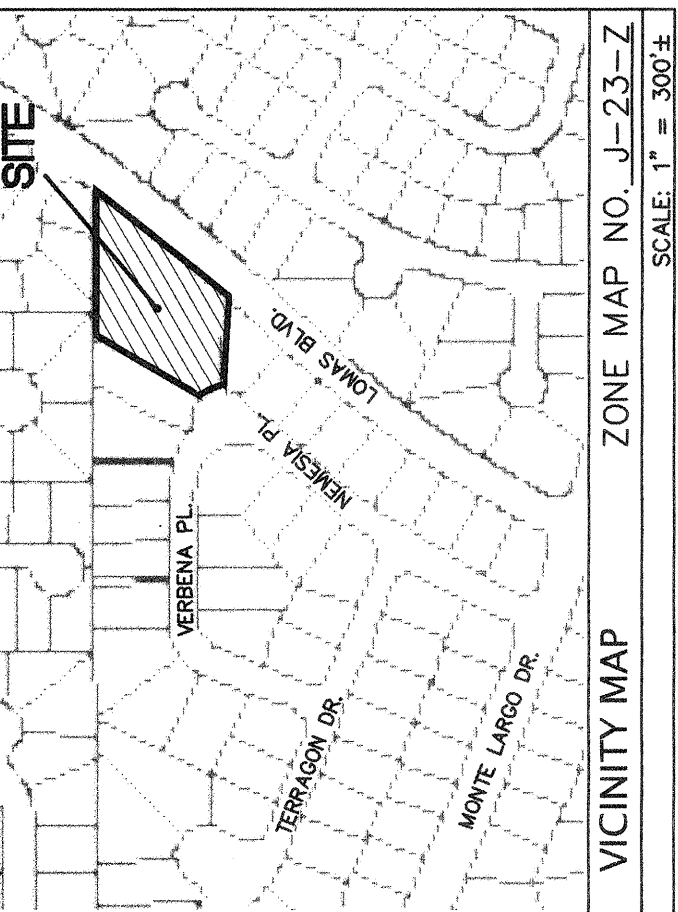


WATER SHUTOFF NOTES:

1. ONLY C.O.A. WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
2. NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF PLAN
3. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
4. SHUTOFF VALVES INDICATED ON THE PLAN BELOW (→) 552, 553.

WATER SHUTOFF PLAN

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	APPROVED FOR CONSTRUCTION		
		DRC Chairman		9-12-05			
		Transportation		8/22/05			
		Water/Wastewater		8/29/05			
		Hydrology		8/31/05			
		C.I.P.					
		Constr. Coord.		9-12-05			
CITY PROJECT NO.					SHEET		
683181					1 OF 5		



PLAT OF
LOTS 20-A-1 THRU 20-A-6
CANDLELIGHT FOOTHILLS UNIT 1
WITHIN SECTION 14, T. 10 N., R. 4 E., N.M.P.M.,
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
MARCH, 2005

PROJECT NO. 1001409
APPLICATION NO.
UTILITY APPROVALS:

PNM ELECTRIC SERVICES	DATE
PNM GAS SERVICES	DATE
QWEST TELECOMMUNICATIONS	DATE
COMCAST	DATE
APPROVALS:	
CITY SURVEYOR	DATE
TRAFFIC ENGINEERING, TRANSPORTATION DIVISION	DATE
UTILITIES DEVELOPMENT	DATE
PARKS AND RECREATION DEPARTMENT	DATE
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY	DATE
CITY ENGINEER	DATE
DRB CHAIRPERSON, PLANNING DEPARTMENT	DATE

SURVEYORS CERTIFICATE:
I, LEONARD MARTINEZ, A DULY PROFESSIONAL LAND SURVEYOR, UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE PLAT HEREIN SUBMITTED FOR RECORD COMPLETELY ACCORDS WITH THE REQUIREMENTS FOR MONUMENTATION AND SURVEY OF THE ALBUQUERQUE SUBDIVISION ORDINANCE AND ALSO MEETS THE MINIMUM STANDARDS FOR LAND SURVEYS IN NEW MEXICO AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

LEONARD MARTINEZ P.S. # 9801
03-24-2005
DATE
4416 ANAHEIM AVE. NE
ALBUQUERQUE, NEW MEXICO 87113
(505)899-5570
ADVANCED
ENGINEERING
and CONSULTING, LLC
DRAWING: 300462-PLAT DRAWN BY: SHEI DATE: 07-27-05
SHEET 1 OF 2

LEGAL DESCRIPTION:

A CERTAIN TRACT OF LAND SITUATED WITHIN THE CITY OF ALBUQUERQUE, NEW MEXICO COMPRISING LOT 20-A, BLOCK 1, CANDLELIGHT FOOTHILLS, UNIT 1, AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT FILED IN THE OFFICE OF COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON JANUARY 13, 1978 VOLUME C-12, FOLIO 191, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS.

BEGINNING AT THE SOUTHEAST CORNER OF SAID TRACT BEING A POINT ON THE NORTH RIGHT OF WAY LINE OF LOMAS BOULEVARD, N.E., FROM WHENCE A TIE TO ACS MONUMENT "23-J23" BEARS S. 24°00'23" W., A DISTANCE OF 2727.03 FEET; THENCE,

FROM SAID BEGINNING POINT N. 82°11'18" W., A DISTANCE OF 119.15 FEET TO A POINT OF TANGENCY; THENCE,
S. 89°37'29" W., A DISTANCE OF 44.38 FEET TO A POINT OF CURVATURE; THENCE,

NORTHWESTERLY, 38.58 FEET ALONG THE ARC OF A CURVE TO THE LEFT (SAID CURVE HAVING A RADIUS OF 50.00 FEET AND A CHORD WHICH BEARS N. 21°53'31" W., 37.63 FEET) TO A POINT OF TANGENCY; THENCE,

N. 29°19'30" E., A DISTANCE OF 192.11 FEET TO THE NORTHWEST CORNER OF SAID TRACT HEREIN BEING DESCRIBED; THENCE,
S. 89°44'48" E., A DISTANCE OF 260.57 FEET TO THE NORTHEAST CORNER OF SAID TRACT AND TO A POINT OF CURVATURE; THENCE,

SOUTHWESTERLY, 272.72 FEET ALONG THE ARC OF A CURVE TO THE LEFT (SAID CURVE HAVING A RADIUS OF 265.552 FEET AND A CHORD WHICH BEARS S. 39°14'27" W., 272.62 FEET) TO A POINT; THENCE,

S. 43°39'42" W., A DISTANCE OF 8.32 TO SOUTHEAST CORNER OF SAID TRACT AND POINT OF BEGINNING, CONTAINING .11135. ACRE (48502.12 SQUARE FEET), MORE OR LESS,

FREE CONSENT

THE SUBDIVISION HEREON DESCRIBED IS WITH THE FREE CONSENT IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNERS AND PROPRIETOR THEREOF. SAID OWNERS AND PROPRIETOR HEREBY CERTIFY THAT THEY HAVE FULL KNOWLEDGE OF THE SIMPLE TO THE LAND SUBDIVIDER. SAID OWNER DOES HEREBY GRANT ANY AND ALL EASEMENTS AS MAY BE CREATED BY THIS PLAT.

OWNER(S) SIGNATURE: DATE: 03-24-2005
OWNER(S) PRINT NAME: Sofi Talebreza (Single man)
ACKNOWLEDGMENT

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO)

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 24TH DAY OF MARCH, 2005, BY Sofi Talebreza (Owner)

NOTARY MY COMMISSION EXPIRES:

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON
UPC #
PROPERTY OWNER OF RECORD:
BERNALILLO CO. TREASURER'S OFFICE:

EASEMENTS:

THIS PLAT SHOWS EXISTING RECORDED AND APPARENT EASEMENTS AS NOTED. PUBLIC UTILITY EASEMENTS SHOWN ON THIS PLAT ARE GRANTED FOR THE COMMON AND JOINT USE OF:

1. THE PNM ELECTRIC SERVICES FOR THE INSTALLATION, MAINTENANCE, AND SERVICES OF OVERHEAD AND UNDERGROUND ELECTRICAL LINES, TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT; FIXTURES AND STRUCTURES NECESSARY TO PROVIDE ELECTRICAL SERVICE TO THE PLAT; AND

2. THE PNM GAS SERVICES DIVISION FOR THE INSTALLATION, MAINTENANCE, AND SERVICES OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS.

3. QWEST FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURED AND OPTICAL COMMUNICATIONS LINES, TRANSFORMERS, POLES AND OTHER FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.

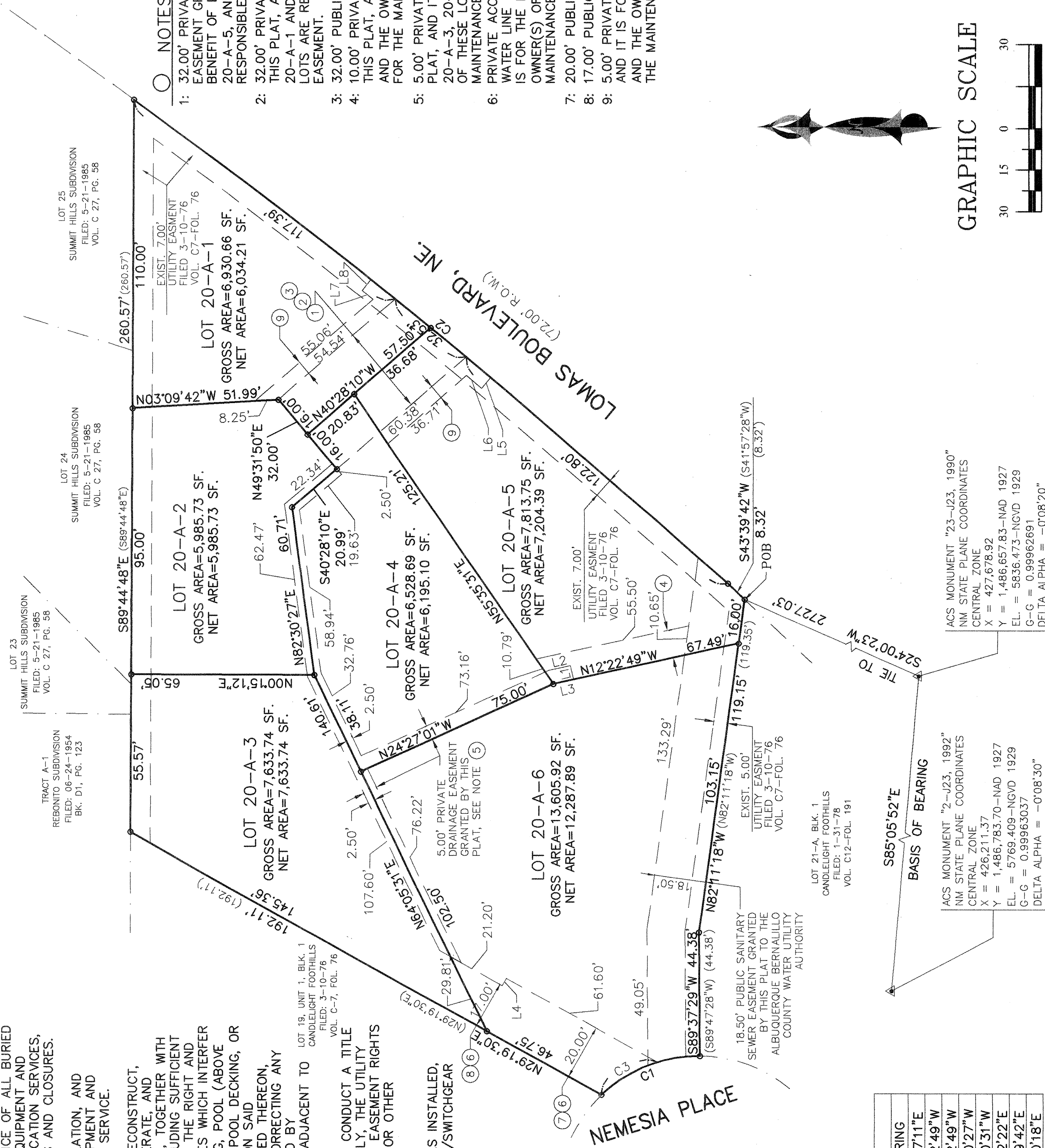
4. COMCAST CABLE COMMUNICATION, INC. FOR THE INSTALLATION, AND SERVICE OF SUCH LINES, CABLE AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE CABLE TV SERVICE.

INCLUDED IS THE RIGHT TO BUILD, REBUILD, RECONSTRUCT, RECONSTRUCT, LOCATE, RELOCATE, CHANGE, REMOVE, MODIFY, RENEW, OPERATE, AND MAINTAIN FACILITIES FOR THE PURPOSES DESCRIBED ABOVE, TOGETHER WITH FREE ACCESS TO, FROM, AND OVER SAID EASEMENTS, INCLUDING SUFFICIENT WORKING AREA SPACE FOR ELECTRIC TRANSFORMERS, WITH THE RIGHT AND PRIVILEGE TO TRIM AND REMOVE TREES, SHRUBS OR BUSHES WHICH INTERFERE WITH THE PURPOSES SET FORTH HEREIN. NO BUILDING, SIGN, POOL (ABOVE GROUND OR SUBSURFACE), HOT TUB, CONCRETE OR WOOD POOL DECKING, OR OTHER STRUCTURE SHALL BE ERRECTED OR CONSTRUCTED ON SAID EASEMENTS, NOR SHALL ANY WELL BE DRILLED OR OPERATED THEREON. EASEMENTS, NOR SHALL ANY WELL BE DRILLED OR OPERATED THEREON. VIOLATIONS OF NATIONAL ELECTRICAL SAFETY CODE CAUSED BY CONSTRUCTION OR POOLS, DECKING, OR ANY STRUCTURES ADJACENT TO WITHIN OR NEAR EASEMENTS SHOWN ON THIS PLAT.

IN APPROVING THIS PLAT, THE UTILITY COMPANIES DID NOT CONDUCT A TITLE SEARCH OF THE PROPERTIES SHOWN HEREON. CONSEQUENTLY, THE UTILITY COMPANIES DO NOT WAIVE OR RELEASE ANY EASEMENT OR EASEMENT RIGHTS WHICH MAY EXIST AND HAVE BEEN OR BE PRIOR TO THE DATE OF THIS PLAT, OR OTHER DOCUMENT AND WHICH ARE NOT SHOWN ON THIS PLAT.

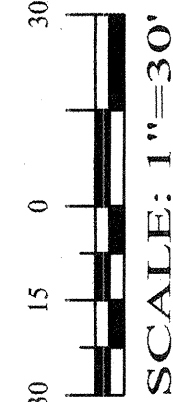
EASEMENTS FOR ELECTRIC TRANSFORMERS/SWITCHGEARS, AS INSTALLED, SHALL EXTEND TEN FEET (10') IN FRONT OF TRANSFORMER/SWITCHGEAR DOORS AND FIVE FEET (5') ON EACH SIDE.

CURVE	LENGTH	RADIUS	TANGENT	DELTA	CHORD	CHORD DIRECTION
C1	38.58	50.00	20.31	44°12'37"	37.63	N21°53'31"W
C2	272.72 (272.96)	2835.52 (2835.52)	136.47	53°03'30"	272.62	N39°14'27"E
C3	23.31	50.00	11.87	28°42'51"	23.10	N30°38'23"W



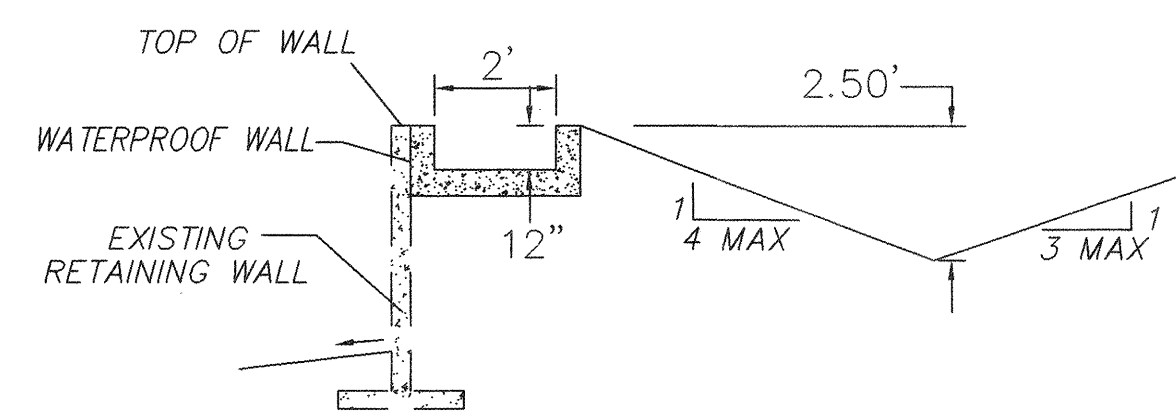
LINE	LENGTH	BEARING
L1	5.00	N77°37'11"E
L2	7.91	N1°22'49"W
L3	7.38	N1°22'49"W
L4	3.00	N60°40'27"W
L5	5.00	N50°10'31"W
L6	7.02	N39°42'22"E
L7	10.17	N38°49'42"E
L8	5.00	S51°10'18"E

GRAPHIC SCALE

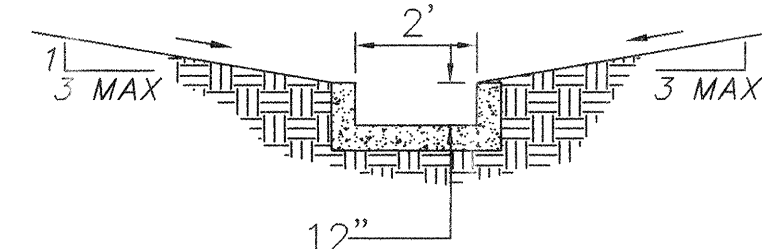


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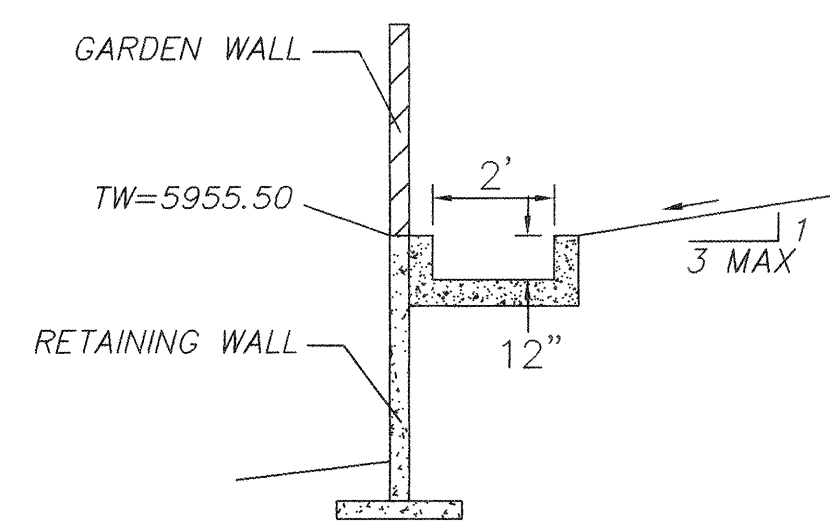
- 1: ADD 5900 TO SPOT ELEVATIONS TO SHOW TRUE ELEVATION.
- 2: CONTOUR INTERVAL IS ONE (1) FOOT.
- 3: ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE CONTROL STATION 23--J23 HAVING AN ELEVATION OF 5836.473 FEET ABOVE SEA LEVEL.
- 4: UTILITIES SHOWN HEREON ARE IN THEIR APPROXIMATE LOCATION BASED ONLY ON ABOVE GROUND EVIDENCE FOUND IN THE FIELD AND AS-BUILT INFORMATION PROVIDED BY THE CLIENT. UTILITIES SHOWN HEREON, WHETHER INDICATED AS ABANDONED OR NOT, SHALL BE VERIFIED BY OTHERS FOR EXACT LOCATION AND/ OR DEPTH PRIOR TO EXCAVATION OR DESIGN CONSIDERATIONS.
- 5: THIS IS NOT A BOUNDARY SURVEY, BEARINGS ARE ASSUMED, DISTANCES AND FOUND PROPERTY CORNERS ARE FOR INFORMATIONAL PURPOSES ONLY.
- 6: SLOPES ARE AT 3:1 MAXIMUM.



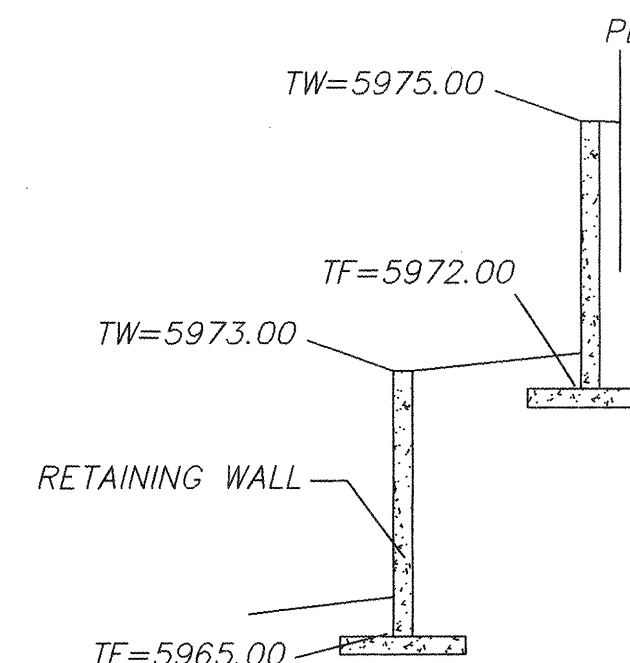
NTS



NTS



NTS



NTS

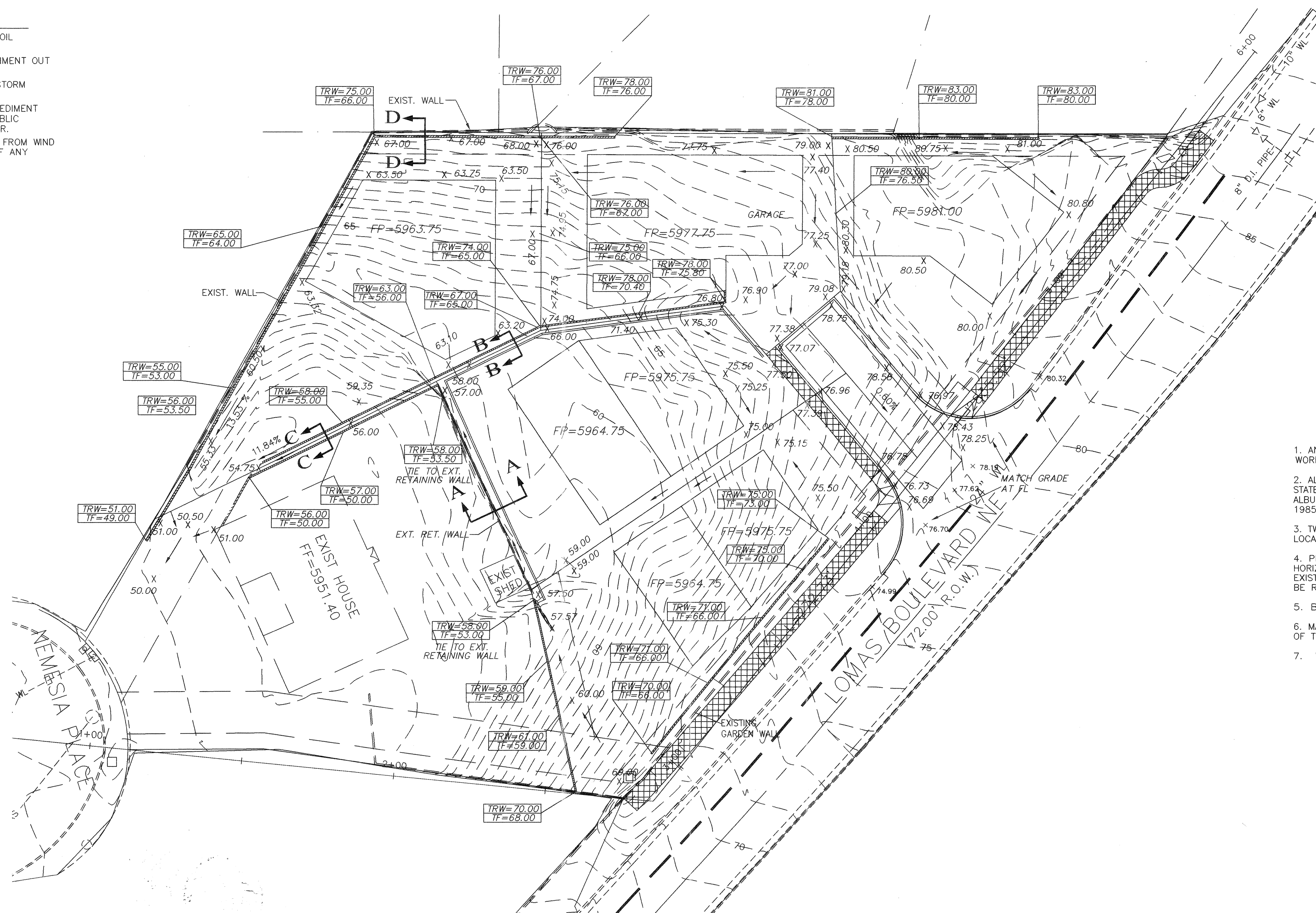


VICINITY MAP:

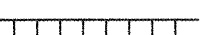
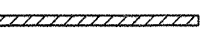
J-23-Z

EROSION CONTROL PLAN
AND POLLUTION PREVENTION NOTES

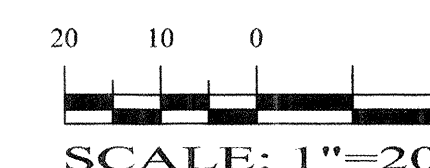
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUNOFF ON SITE.
4. REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.
6. ALL THE DISTURBED AREAS MUST BE REVEGETATED.



LEGEND

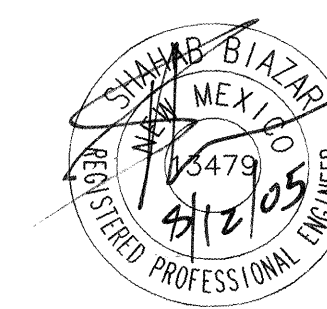
- | | |
|--|---|
|  | EXISTING SAS MANHOLE |
|  | EXISTING METER |
|  | EXISTING VALVE W/BOX |
|  | EXISTING FIRE HYDRANT |
| --- EX. 8" SAS --- | EXISTING SANITARY SEWER LINE |
| --- EX. 16" WL --- | EXISTING WATER LINE |
| ===== | EXISTING CURB & GUTTER |
| ===== | PROPOSED CURB & GUTTER |
| — 5100 — | EXISTING CONTOUR (MAJOR) |
| — 5102 — | EXISTING CONTOUR (MINOR) |
| ===== | BOUNDARY LINE |
| ===== | EASEMENT |
| ===== | LIMITS OF TOP OF EXISTING SLOPE |
|  | PROPOSED SIDEWALK |
| TC
FL 70.90
70.40 | PROPOSED GRADE |
| X 70.28 | PROPOSED SPOT ELEVATION |
| X 5265.16 | EXISTING GRADE |
| --- ⊕ --- ⊕ --- | EXISTING POWER LINES |
| — X — X — | EXISTING FENCE |
| ===== | EXISTING GARDEN WALL |
|  | PROPOSED RETAINING WALL |
|  | PROPOSED EXTENDED STEM WALL |
| TRW= 38.00
TF= 32.00 | TOP OF RETAINING WALL
TOP OF FOOTING |
| TSW= 34.00
TF= 32.00 | TOP OF EXTENDED STEM WALL
TOP OF FOOTING |
|  | EXISTING DROP INLET |
| ☆ | EXISTING STREET LIGHT |
| ⊕ | EXISTING ANCHOR |
| ⊕ | EXISTING POWER POLE |

GRAPHIC SCALE

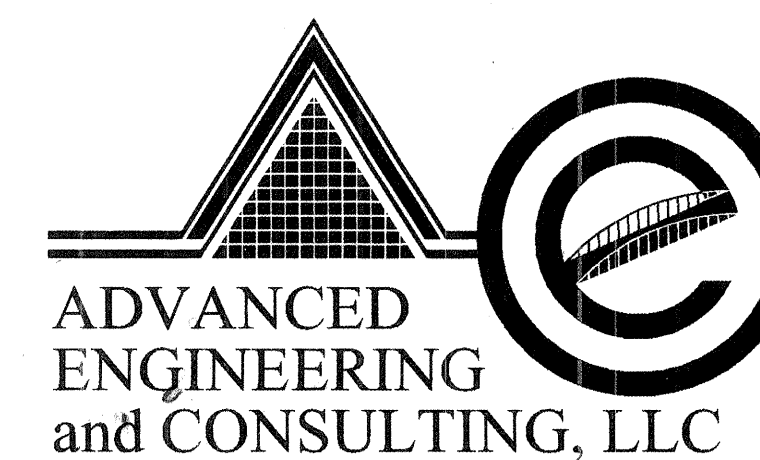


NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.



SHAHAB BIAZAR
P.E. #13479



4416 ANAHEIM AVE., NE
ALBUQUERQUE, NEW MEXICO 87113
(505)899-5570

LOTS 20-A-1 THRU 20-A-6, GRADING AND DRAINAGE PLAN

FOR INFORMATION ONLY

DRAWING: 200442-GR.DWG	DRAWN BY: SBB	DATE: 12-21-2004	SHEET # 3 OF 5
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ROUGH GRADING APPROVAL

DATE _____

RECORD DRAWINGS

LAST REVISION: 7-27-2005

(C1)

FL	ELEV.
1	5976.74 76.69
2	5976.39 76.42
3	5976.04 76.16

(C2)

FL	ELEV.
1	5979.12 79.20
2	5978.25 78.29
3	5976.91 77.76

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	DELTA	CHORD	CHORD DIRECTION
C1	36.01	25.00	21.94	82°31'58"	32.98	N00°59'54"E
C2	44.27	25.00	30.58	101°27'43"	38.71	N88°28'54"E

1. NEW 6' SIDEWALKS PER COA STD. DWG #2430.
2. EXISTING STANDARD CURB AND GUTTER.
3. NEW WHEEL CHAIR RAMP PER COA STD. DWG #2441, CASE II.
4. NEW UNIDIRECTIONAL WHEELCHAIR RAMP PER COA STD. DWG #2426.
5. NEW 4' SIDEWALKS PER COA STD. DWG #2430.
6. NEW MOUNTABLE CURB AND GUTTER PER COA STD. DWG #2415A.
7. MOUNTABLE TO STANDARD CURB TRANSITION PER COA STD. DWG #2418.
8. SAWCUT EXISTING CURB AT FLOW LINE AND MATCH WITH THE ACCESS ROAD GRADE.
9. SIDEWALK TRANSITION PER COA STD. DWG #2432.
10. NEW 6' VALLEY GUTTER PER COA STD. DWG #2430.

EXISTING CURB & GUTTER

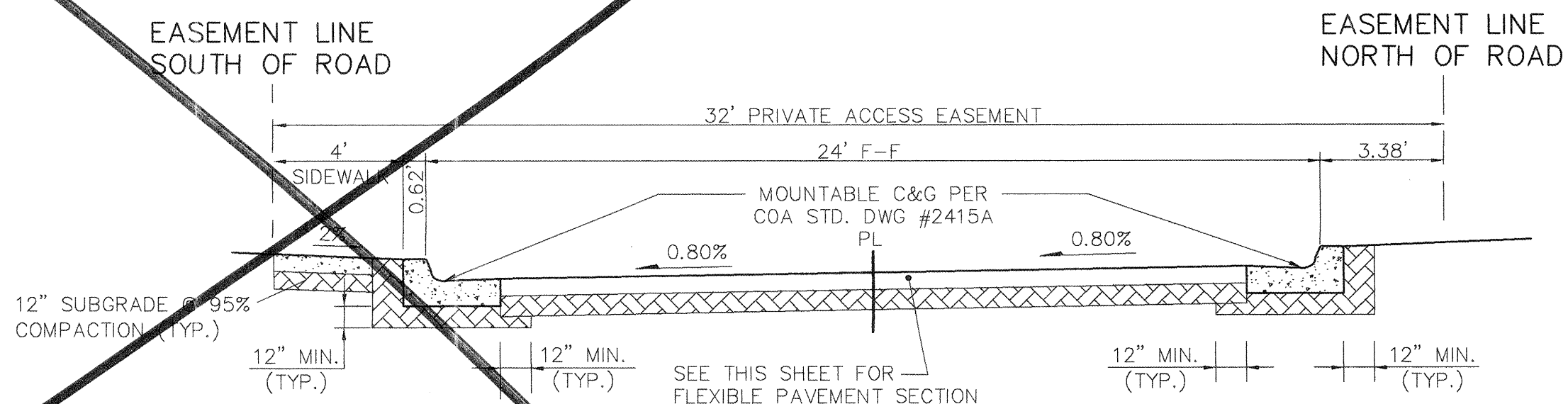
PROPOSED CURB & GUTTER

EASEMENT

BOUNDARY LINE

PROPOSED SIDEWALK

PROPOSED STREET LIGHT



AC SURFACE COURSE 1 1/2" MIN.
TYPE C RESIDENTIAL.

TACK COAT AS REQUIRED BY THE ENGINEER.

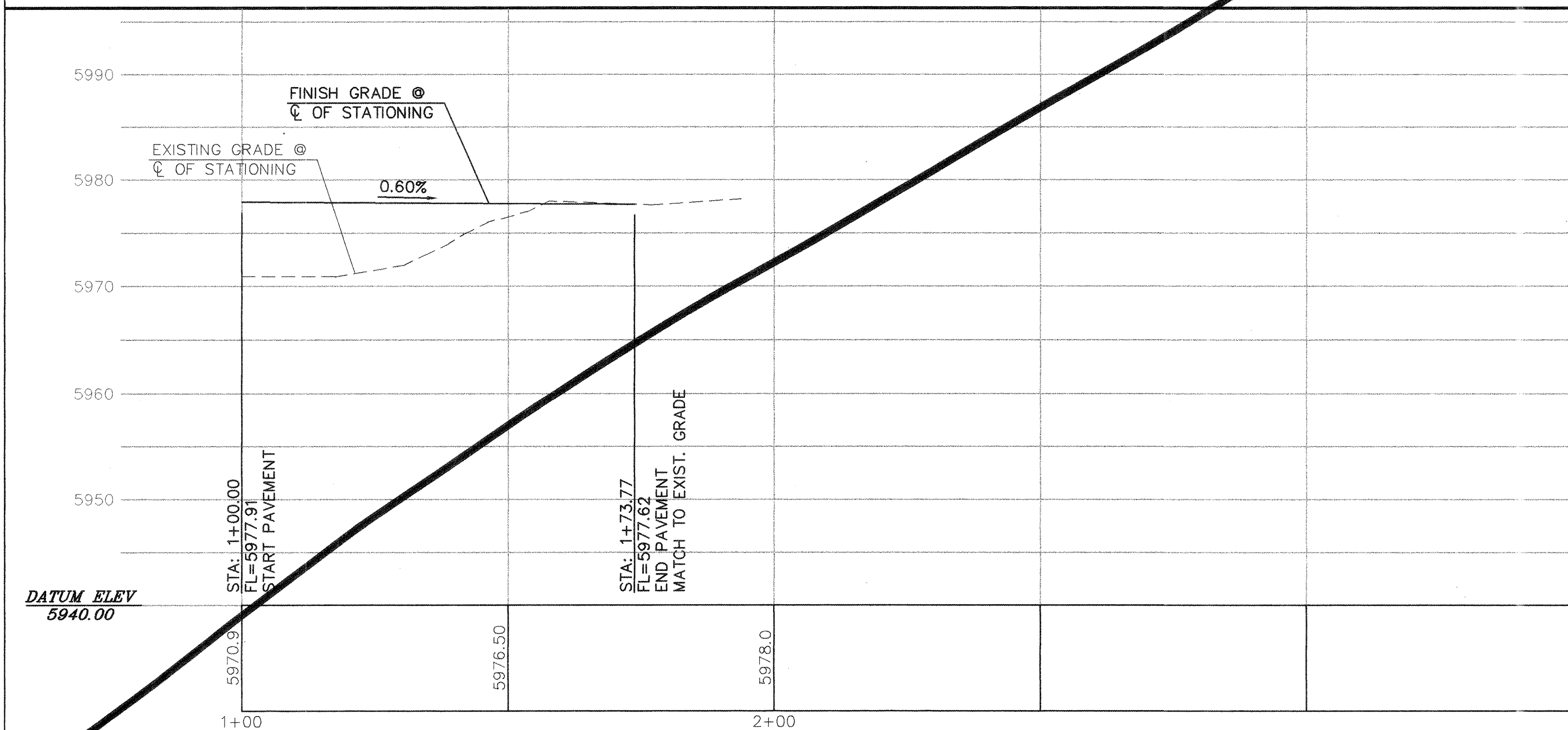
AC PAVEMENT COURSE 1 1/2" MIN.
TYPE C RESIDENTIAL.

FINISH SURFACE OF SUBGRADE
SHALL BE MOISTURE CONTROLLED
AT COMPACTION MOISTURE RANGE,
AND/OR PRIME COAT APPLIED
AS REQUIRED BY THE ENGINEER.

12" SUBGRADE PREP R-VALUE>50.
95% MIN. COMPACTION PER SECTION 301.
NOTE: IF R-VALUE IS LESS THAN 50
CONTRACTOR WILL REPLACE 2" OF
SUBGRADE WITH MATERIAL WITH A
R-VALUE OF 50 OR GREATER.

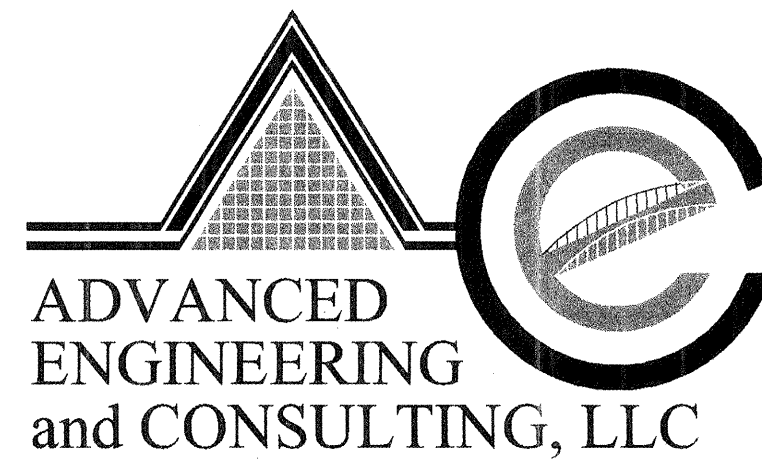
SEE SECTION 202, 204, AND 301 FOR CUT, FILL,
AND SUBGRADE CONSTRUCTION REQUIREMENTS.

PER COA STD. DWG. NO. 2405A
N.T.S.



SCALE: HORIZ. 1"=20'
VERT. 1"=10'

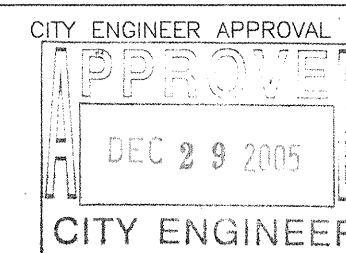
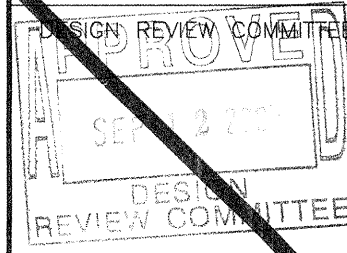
ELEVATIONS ARE NGVD 29



4416 ANAHEIM AVE., NE
ALBUQUERQUE, NEW MEXICO 87113
(505)899-5570

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **LOTS 20-A-1 THRU 20-A-6, UNIT 1, CANDLELIGHT FOOTHILLS**
PAVING IMPROVEMENTS



MO./DAY/YR.	MO./DAY/YR.

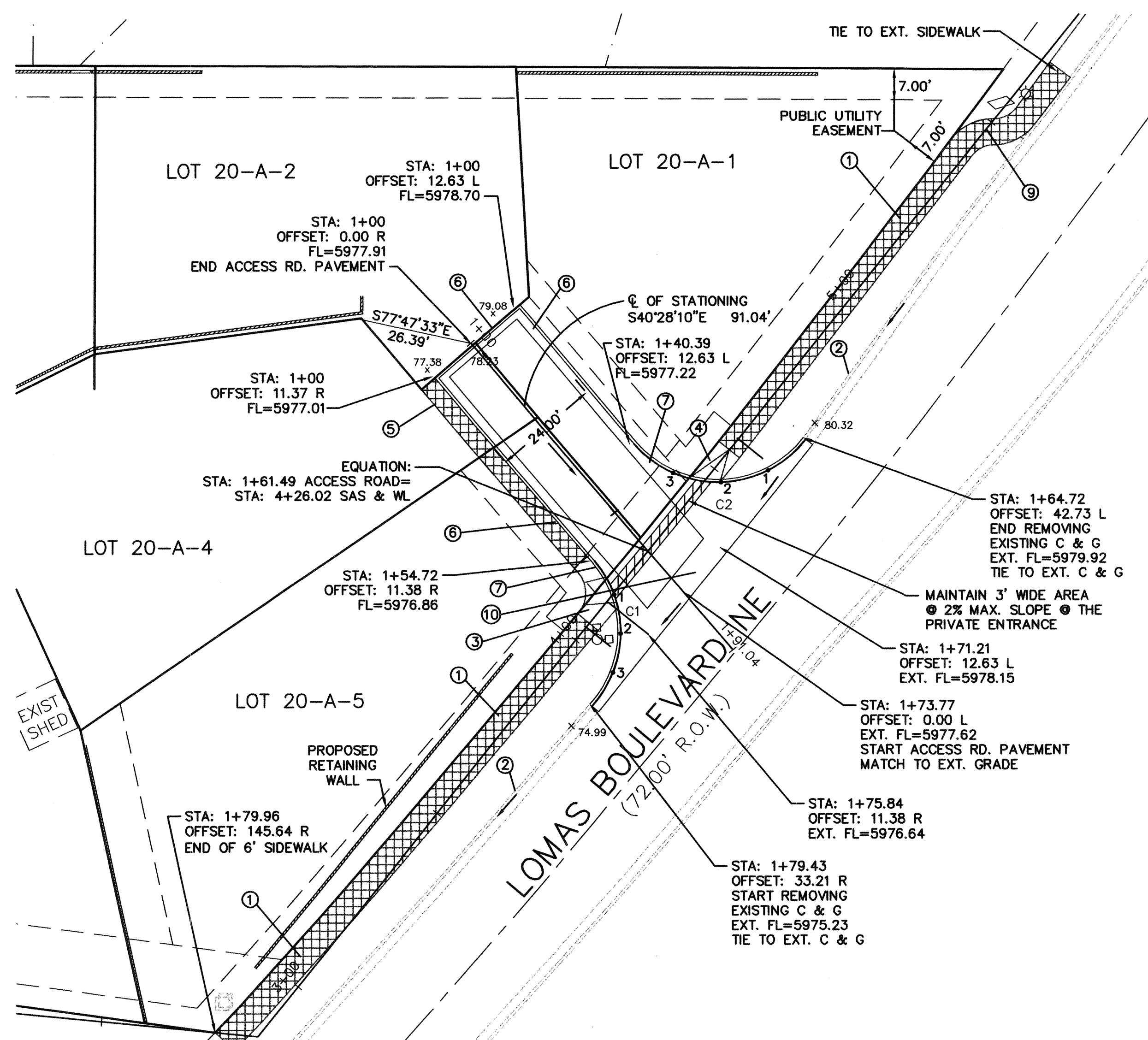
CITY PROJECT NO.

ZONE MAP NO.
J-23-Z

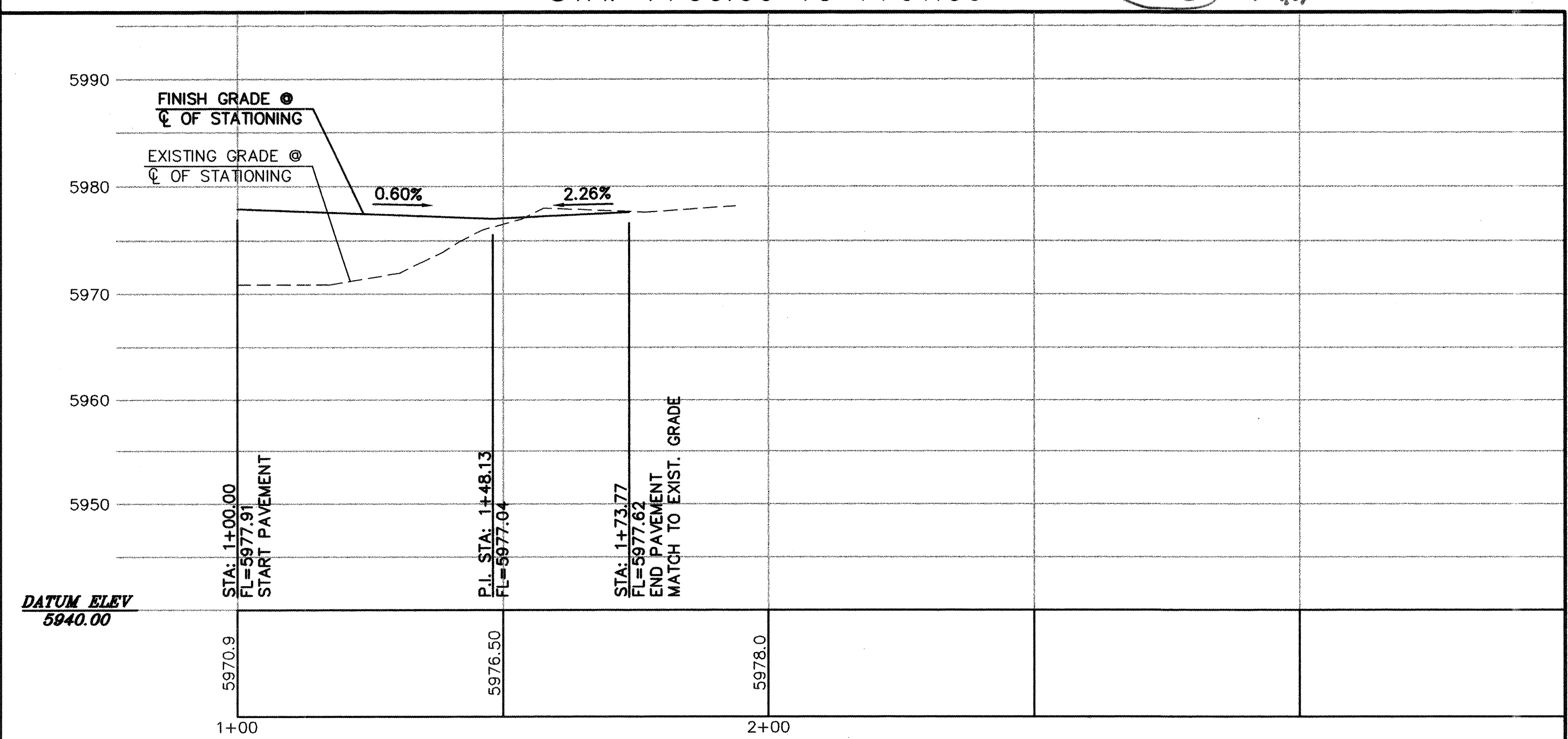
SHEET 4 OF 5

SUPERSEDED-SEE SHEET 4R FOR AS BUILT INFORMATION

DRAWING: 200442-P&P-PAVING	DATE: 08-12-05
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ACCESS ROAD
STA: 1+00.00 TO 1+91.00
B/LB 10/24/07



QUARTER POINTS

C1	FL ELEV.		C2	FL ELEV.	
	1	5976.69		1	5979.20
	2	5976.42		2	5978.29
	3	5976.16		3	5977.76

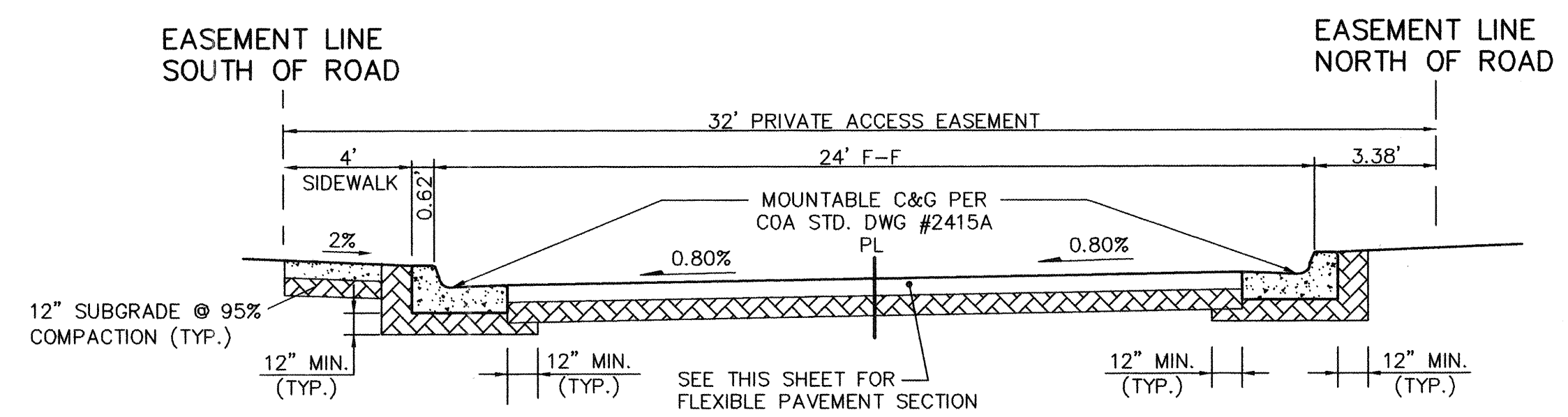
CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	DELTA	CHORD	CHORD DIRECTION
C1	36.01	25.00	21.94	82°31'58"	32.98	N00°59'54"E
C2	44.27	25.00	30.58	101°27'43"	38.71	N88°28'54"E

NOTES:

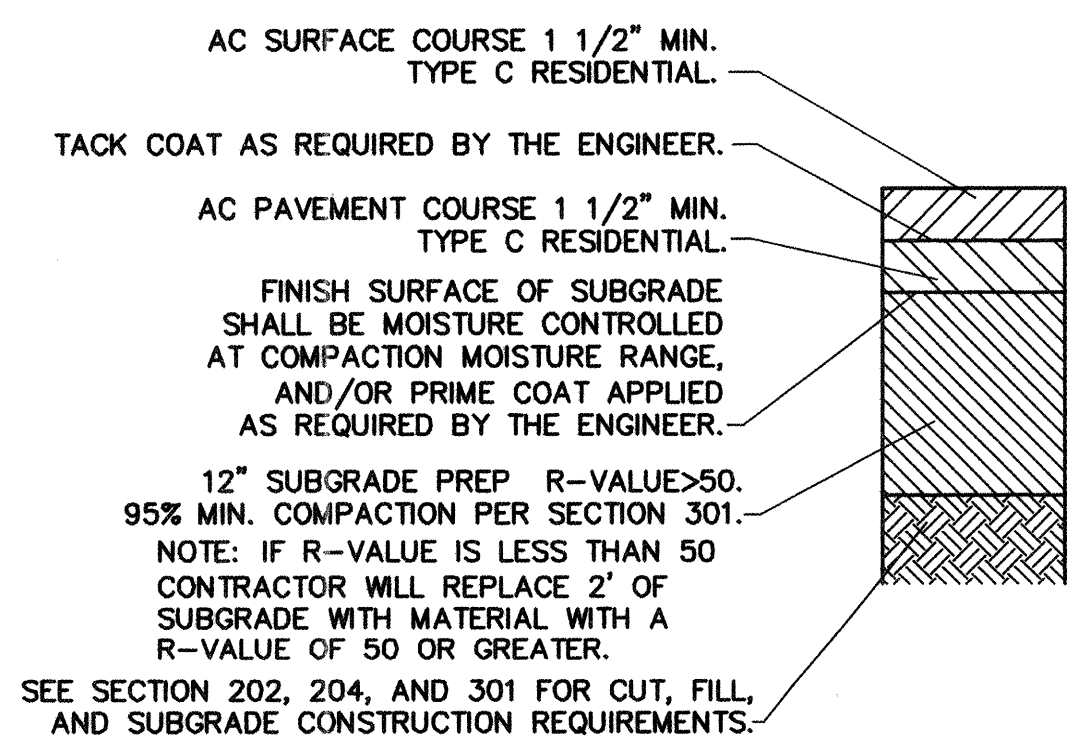
1. NEW 6' SIDEWALKS PER COA STD. DWG #2430.
2. EXISTING STANDARD CURB AND GUTTER.
3. NEW WHEEL CHAIR RAMP PER COA STD. DWG #2441, CASE II.
4. NEW UNIDIRECTIONAL WHEELCHAIR RAMP PER COA STD. DWG #2426.
5. NEW 4' SIDEWALKS PER COA STD. DWG #2430.
6. NEW MOUNTABLE CURB AND GUTTER PER COA STD. DWG #2415A.
7. MOUNTABLE TO STANDARD CURB TRANSITION PER COA STD. DWG #2418.
8. SAWCUT EXISTING CURB AT FLOW LINE AND MATCH WITH THE ACCESS ROAD GRADE.
9. SIDEWALK TRANSITION PER COA STD. DWG #2432.
10. NEW 6' VALLEY GUTTER PER COA STD. DWG #2430.

LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EASEMENT
- BOUNDARY LINE
- PROPOSED SIDEWALK
- PROPOSED STREET LIGHT



PRIVATE ACCESS ROAD
N.T.S.



PRIVATE ACCESS ROAD
FLEXIBLE PAVEMENT SECTION
PER COA STD. DWG. NO. 2405A
N.T.S.

SCALE: HORIZ. 1"=20'
VERT. 1"=10'

ELEVATIONS ARE NGVD 29

ADVANCED ENGINEERING and CONSULTING, LLC

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(505) 899-5570

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **LOTS 20-A-1 THRU 20-A-6, UNIT 1, CANDLELIGHT FOOTHILLS PAVING IMPROVEMENTS**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 683181 ZONE MAP NO. J-23-Z SHEET 4R OF 5

AS BUILT INFORMATION

CONTRACTOR: **Advanced Engineering and Consulting, LLC**

WORK: **PAVING IMPROVEMENTS**

DATE: **09/04/07**

FIELD: **ALBUQUERQUE, NM**

DATE: **09/04/07**

REVISIONS

NO.	DATE	REMARKS

DESIGNED BY: **SB** DATE: **04-05**

DRAWN BY: **SB** DATE: **04-05**

CHECKED BY: **SB** DATE: **04-05**

ENGINEER'S SEAL

FIELD NOTES

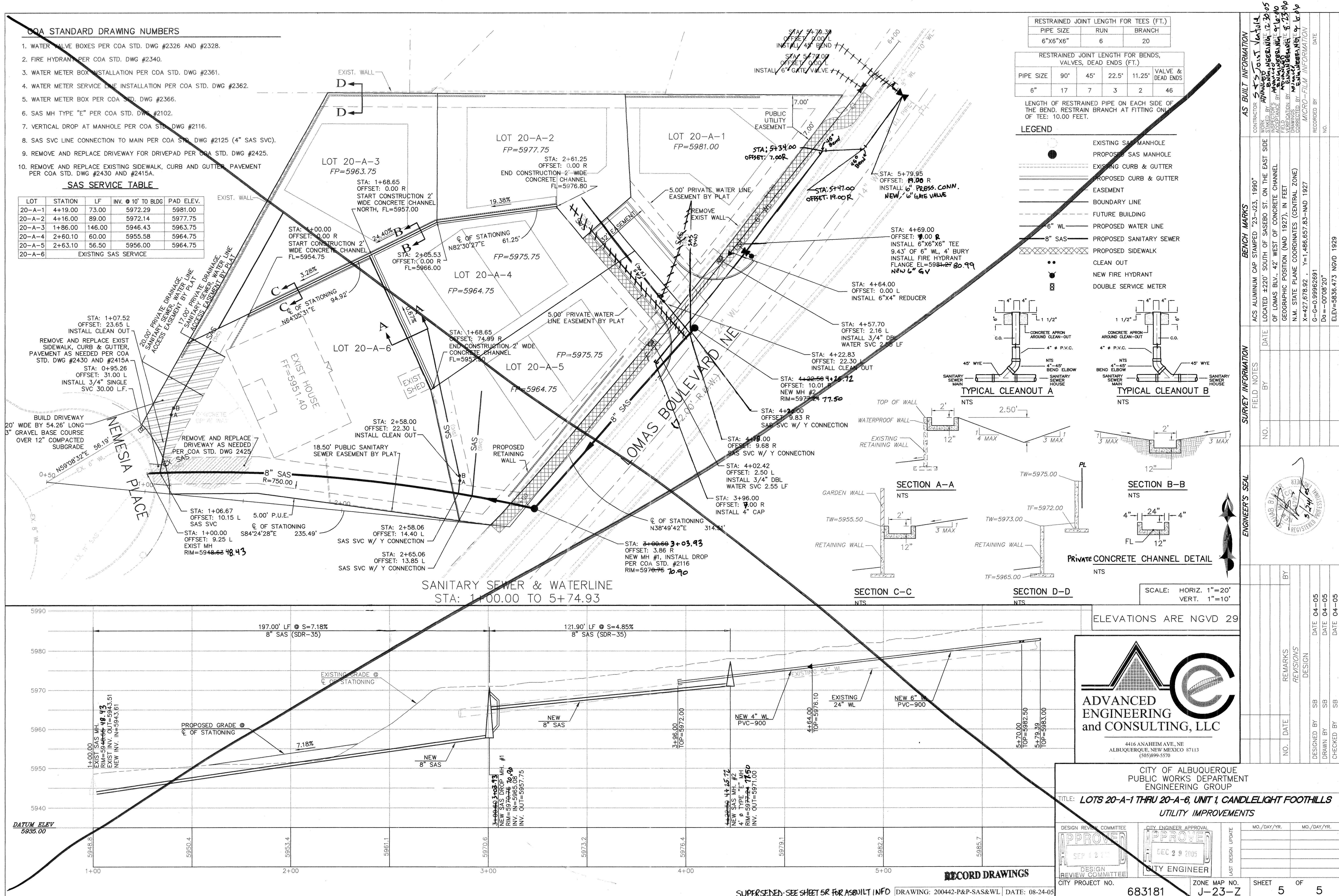
NO.	DATE	BY

COA STANDARD DRAWING NUMBERS

1. WATER VALVE BOXES PER COA STD. DWG #2326 AND #2328.
2. FIRE HYDRANT PER COA STD. DWG #2340.
3. WATER METER BOX INSTALLATION PER COA STD. DWG #2361.
4. WATER METER SERVICE LINE INSTALLATION PER COA STD. DWG #2362.
5. WATER METER BOX PER COA STD. DWG #2366.
6. SAS MH TYPE "E" PER COA STD. DWG #2102.
7. VERTICAL DROP AT MANHOLE PER COA STD. DWG #2116.
8. SAS SVC LINE CONNECTION TO MAIN PER COA STD. DWG #2125 (4" SAS SVC).
9. REMOVE AND REPLACE DRIVEWAY FOR DRIVEPAD PER COA STD. DWG #2425.
10. REMOVE AND REPLACE EXISTING SIDEWALK, CURB AND GUTTER PAVEMENT PER COA STD. DWG #2430 AND #2415A.

SAS SERVICE TABLE

LOT	STATION	LF	INV. @ 10' TO BLDG	PAD ELEV.
20-A-1	4+19.00	73.00	5972.29	5981.00
20-A-2	4+16.00	89.00	5972.14	5977.75
20-A-3	1+86.00	146.00	5946.43	5963.75
20-A-4	2+60.10	60.00	5955.58	5964.75
20-A-5	2+63.10	56.50	5956.00	5964.75
20-A-6	EXISTING SAS SERVICE			



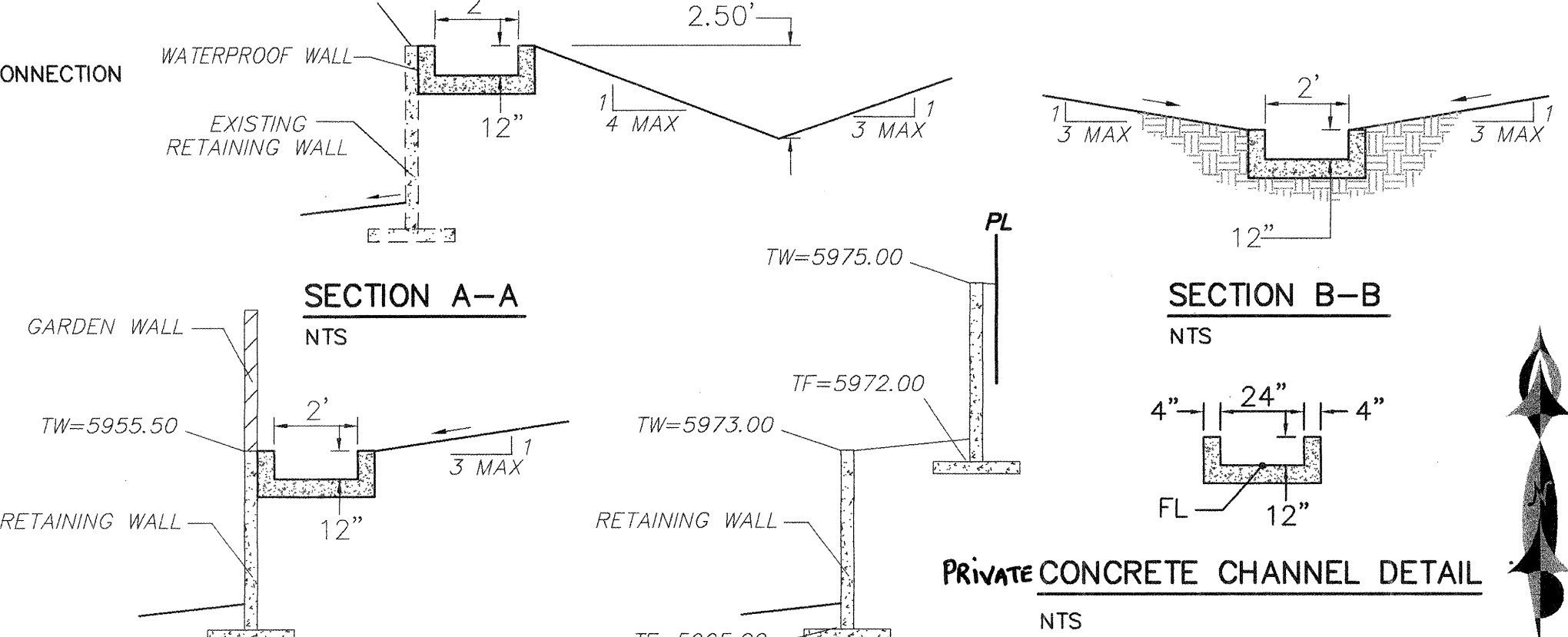
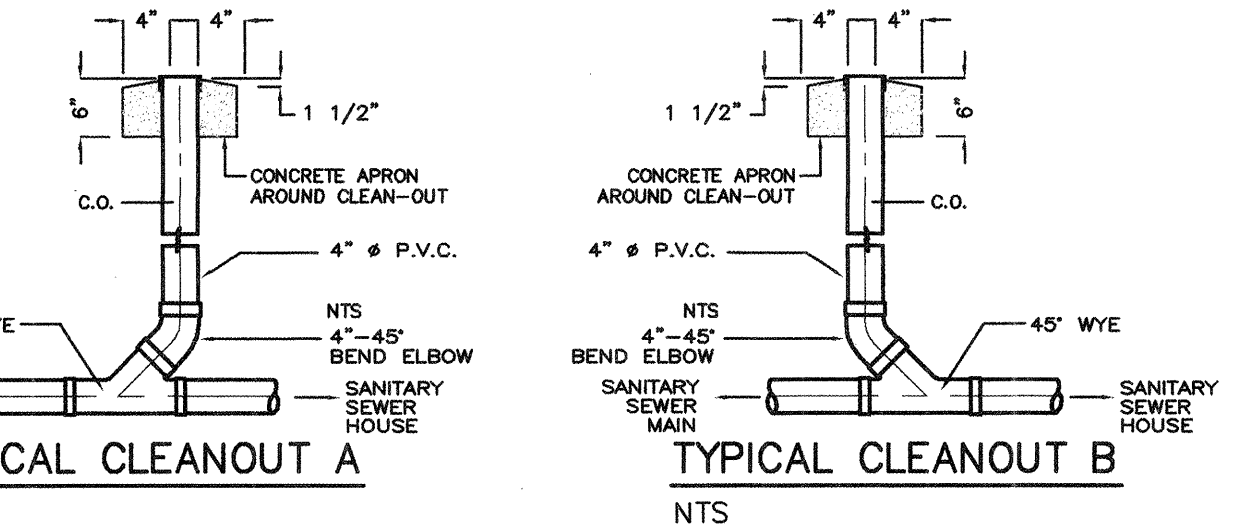
RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
6"X6"X6"	6	20

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE & DEAD END
6"	17	7	3	2	46

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY OF TEE: 10.00 FEET.

LEGEND

- EXISTING SAS MANHOLE
- PROPOSED SAS MANHOLE
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EASEMENT
- BOUNDARY LINE
- FUTURE BUILDING
- PROPOSED WATER LINE
- PROPOSED SANITARY SEWER
- PROPOSED SIDEWALK
- CLEAN OUT
- NEW FIRE HYDRANT
- DOUBLE SERVICE METER



SCALE: HORIZ. 1"=20'
VERT. 1"=10'

ELEVATIONS ARE NGVD 29

ADVANCED ENGINEERING and CONSULTING, LLC
4416 ANAHEIM AVE., NE
ALBUQUERQUE, NEW MEXICO 87113
(505) 889-5570

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
TITLE: **LOTS 20-A-1 THRU 20-A-6, UNIT 1, CANDLELIGHT FOOTHILLS
UTILITY IMPROVEMENTS**

DESIGN REVIEW COMMITTEE
APPROVED
SEP 12 2005
DESIGN REVIEW COMMITTEE
CITY PROJECT NO.

CITY ENGINEER APPROVAL
APPROVED
DEC 29 2005
CITY ENGINEER

NO.	DATE	REVISIONS	BY

DESIGNED BY	SB	DATE	04-05
DRAWN BY	SB	DATE	04-05
CHECKED BY	SB	DATE	04-05

RECORD DRAWINGS

SUPERSEDED: SEE SHEET 5R FOR AS-BUILT INFO
DRAWING: 200442-P&P-SAS&WL
DATE: 08-24-05

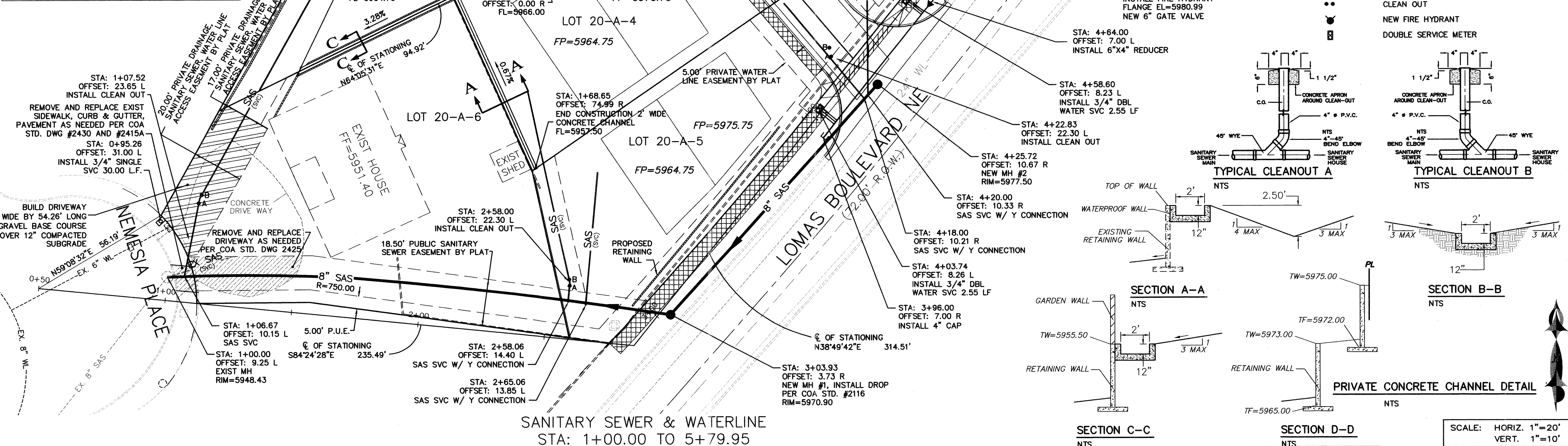
ZONE MAP NO. J-23-Z
SHEET 5 OF 5

COA STANDARD DRAWING NUMBERS

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3. WATER METER BOX INSTALLATION PER COA STD. DWG #2361.
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20-A-4	2+60.10	60.00	5955.58	5964.75
20-A-5	2+63.10	56.50	5956.00	5964.75
20-A-6				



SANITARY SEWER & WATERLINE
STA: 1+00.00 TO 5+79.95

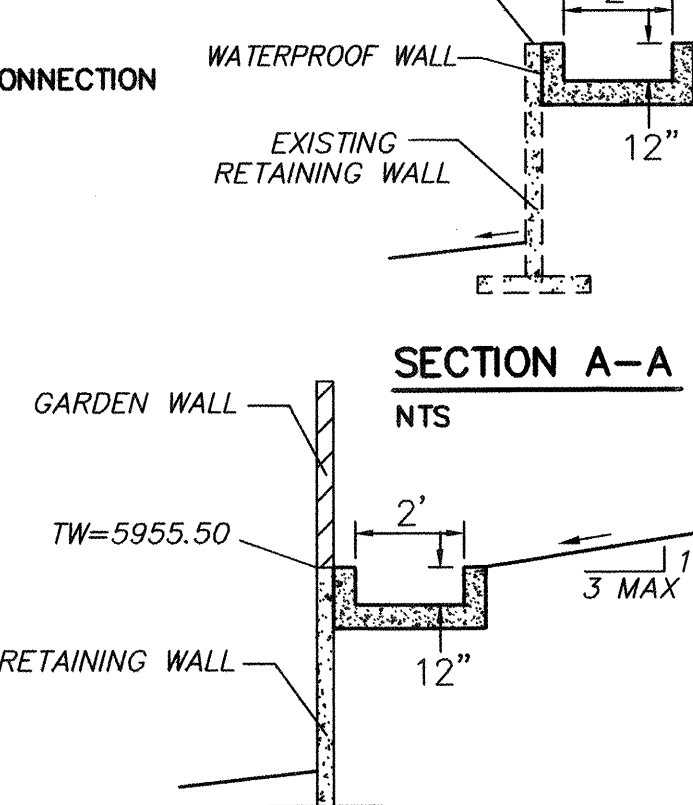
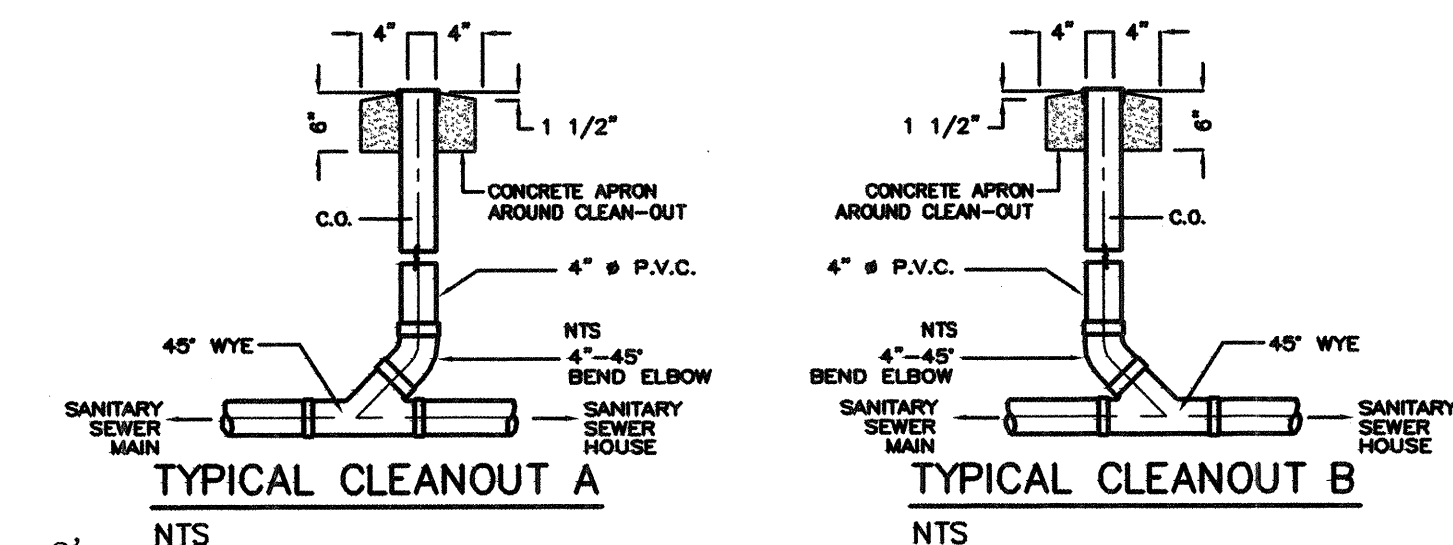
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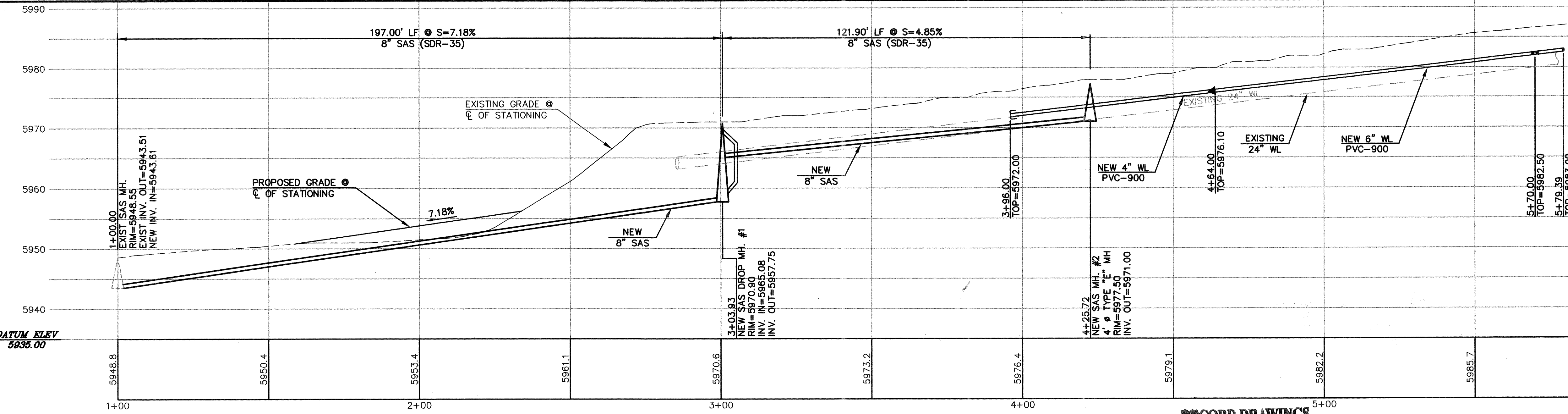
LEGEND

- EXISTING SAS MANHOLE
- PROPOSED SAS MANHOLE
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EASEMENT
- BOUNDARY LINE
- FUTURE BUILDING
- PROPOSED WATER LINE
- PROPOSED SANITARY SEWER
- PROPOSED SIDEWALK
- CLEAN OUT
- NEW FIRE HYDRANT
- DOUBLE SERVICE METER



PRIVATE CONCRETE CHANNEL DETAIL

SCALE: HORIZ. 1"=20'
VERT. 1"=10'



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TITLE: **LOTS 20-A-1 THRU 20-A-6, UNIT 1, CANDLELIGHT FOOTHILLS**
UTILITY IMPROVEMENTS

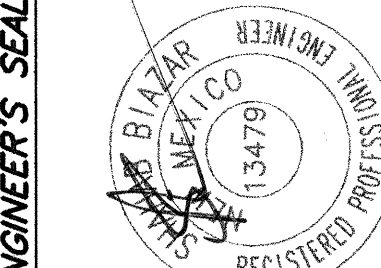
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 683181 ZONE MAP NO. J-23-Z SHEET 5R OF 5

DRAWING: 200442-P&P-SAS&WL DATE: 04-18-07

RECORD DRAWINGS

DATUM ELEV 5936.00



REMARKS	NO.	DATE	BY
DESIGN			
REVISIONS			
DESIGNED BY	SB	DATE 04-05	
DRAWN BY	SB	DATE 04-05	
CHECKED BY	SB	DATE 04-05	