

PAVING AND UTILITY IMPROVEMENTS CITY OF ALBUQUERQUE

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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8 PRIVATE ROADS

9 COMPOSITE PAVING / UTILITY PLANS

I, MICHAEL T. SHOOK, NEW MEXICO PROFESSIONAL SURVEYOR
No. 15240, DO HEREBY CERTIFY THAT THE AS-BUILT
INFORMATION SHOWN HEREON IS TRUE AND CORRECT TO
THE BEST OF MY KNOWLEDGE AND BELIEF.

Michael T. Shook
MICHAEL T. SHOOK
NINUS NO. 13240
(505) 896-1716



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, LYLE C. LOSACK, NMPE 14925, OF THE FIRM QUICKDRAW ENGINEERING L.L.C., HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE INFRASTRUCTURE INSTALLED AS PART OF THIS PROJECT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY ENGINEER AND THE ORIGINAL DESIGN INTENT OF THE APPROVED PLANS HAVE BEEN MET, EXCEPT AS NOTED BY ME ON THE AS-BUILT CONSTRUCTION DRAWINGS.

LYLE C. LOSACK, NMPE #14925
DATE 03/03/08

I, Wallace L. Bingham P.E. of the firm of BINGHAM ENGINEERING
a Professional Engineer, registered by 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 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, as noted
by me on the survey and as noted on the professional certification
and on site inspections by me or personnel under my direction
and survey information provided by a NM Registered Surveyor

SOLID WASTE MANAGEMENT DEPARTMENT APPROVAL OF TURN AROUND
88.30 X 17.33

Michael Holton 2/6/06

FIEMARSHAL'S APPROVAL OF TURN AROUND 88.30 X 17.33'

FIEMARSHAL'S APPROVAL OF 2 FIRE HYDRANT LOCATION

Raymond C. Jones Raymond C. Jones

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.

THE WATER SYSTEMS DIVISION (857-8200) WILL BE NOTIFIED BY THE CONTRACTOR SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY EFFECT THE EXISTING PUBLIC WATER FACILITIES. REFER TO SECTION 18 OF THE STANDARD SPECIFICATIONS.

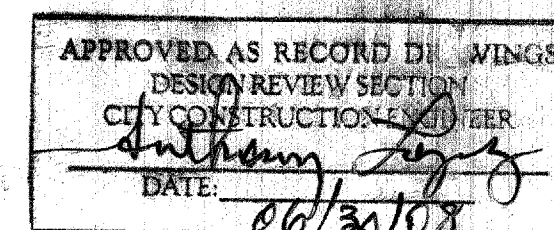
ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT
IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

ELECTRONIC MARKER DISCS (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7.

PRIVATE STREETS REQUIRE STREET NAME, STOP SIGNS, MAINTENANCE AND ANY NECESSARY STRIPING. (DEVELOPER RESPONSIBILITY)

THE FOLLOWING NOTES APPLY WHEN CHECKED

- ☐ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☐ BACKFILL COMPACTION SHALL BE ACCORDING TO STREET USE.
- ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURN SHALL BE CONSTRUCTED WHENEVER 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.

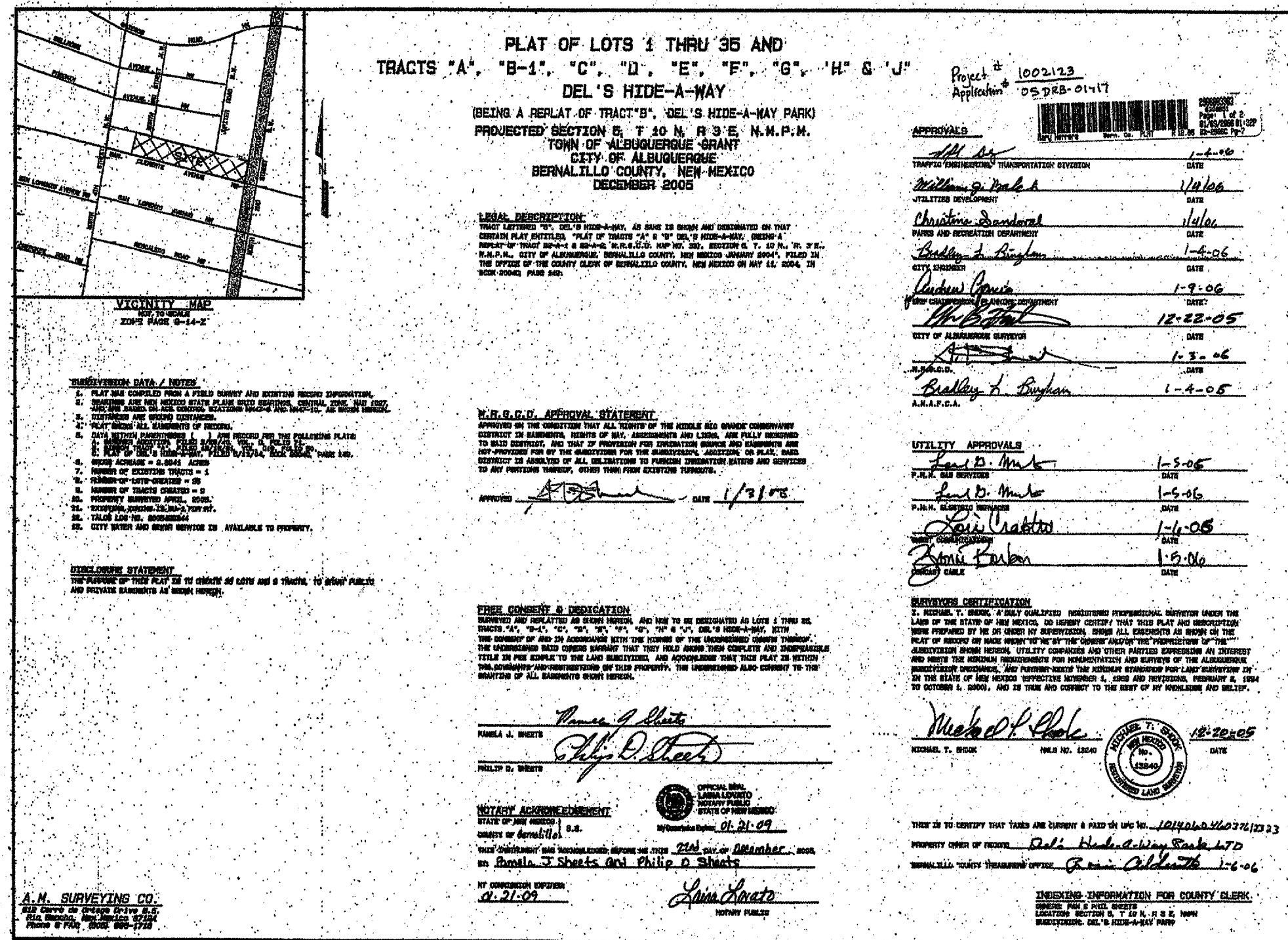
[illegible]

GENERAL NOTES

1. ALL RADII OF CURB RETURNS ARE SHOWN TO FLOWLINE.
2. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE TO FLOWLINE.
3. ALL FINISH GRADES AND PROFILES SHOWN ARE FLOWLINE GRADES, UNLESS OTHERWISE NOTED. MATCH FLOW LINES OF GUTTERS WHEN CONNECTING NEW CURB AND GUTTER TO EXISTING.
4. ALL UTILITY POLES ARE TO BE RELOCATED BY OTHERS.
5. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
6. WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING.
7. WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE BACK TO NEAREST JOINT.
8. ALL GAS VALVE BOXES, GAS MANHOLES, ELECTRICAL MANHOLES, AND TELEPHONE MANHOLES WILL BE ADJUSTED TO GRADE BY OTHERS.
9. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE & CABLE LOCATING SERVICE, NM ONE CALL, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
10. CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE HIS RESPONSIBILITY TO PROTECT AND PRESERVE UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION.
11. EXACT LOCATION OF DRIVE PADS AND WHEELCHAIR RAMPS WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER. LOCATIONS SHOWN ON PLANS AND PROFILE SHEETS ARE APPROXIMATE.
12. THE APPLICABLE CITY OF ALBUQUERQUE STANDARD DETAILS ARE INCLUDED AT THE BACK OF THE SPECIFICATIONS.
13. ALL WATER VALVE BOXES AND SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE UNDER THIS CONTRACT, AND WILL BE PAID FOR AT CONTRACT UNIT PRICES.
14. SUB GRADE PREPARATION UNDER CURB AND GUTTERS, DRIVE PADS AND SIDEWALK SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH AND SHALL BE INCLUDED IN THE BID PRICE FOR SUCH ITEMS.
15. A DISPOSAL SITE, COMPLYING WITH ALL CITY ORDINANCES, SHALL BE OBTAINED BY THE CONTRACTOR FOR THE DISPOSAL OF ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC PAVEMENT (EXCEPT MILLED BITUMINOUS CONCRETE PAVEMENT) AND OTHER WASTE MATERIALS. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE OF THE LOCATION OF THE DISPOSAL SITE PRIOR TO THE REMOVAL AND ACTUAL DISPOSAL OF THE MATERIAL. ALL COSTS IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO DIRECT PAYMENT WILL BE MADE THEREFOR.
16. THE CONTRACTOR WILL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR R.O.W. TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.
17. FIFTY (50) TON ROLLER OPERATION SHALL NOT BE USED IN THIS PROJECT WHERE UNDERGROUND UTILITIES ARE PRESENT. THE REQUIRED COMP ACTING AT THESE LOCATIONS SHALL BE EFFECTED BY OTHER MEANS.
18. ALL EXCAVATIONS FOR STORM DRAINS, AND OTHER EXCAVATIONS AS NECESSARY, SHALL BE GOVERNED BY THE CONSTRUCTION SAFETY AND HEALTH STANDARDS (TITLE 29, CFR, PART 1926 AND PART 1910 AS APPLICABLE TO CONSTRUCTION WORK - PUBLISHED IN THE FEDERAL REGISTER ON FEBRUARY 9, 1979).
19. THE CONTRACTOR SHALL NOTIFY THE ALBUQUERQUE TRAFFIC ENGINEERING DIVISION 3 WORKING DAYS IN ADVANCE OF ANY WORK REQUIRED REGARDING ALL EXISTING REGULATORY SIGNS AND SIGNALS THAT NEED TO BE REMOVED, RELOCATED OR REINSTALLED. (CALL 764-1599)
20. WHERE PULL BOXES ABUT BACK OF CURB OR ARE LOCATED IN CONCRETE PAVED AREA, PROVIDE 1/2" EXPANSION MATERIAL. ALL PULL BOXES TO BE FLUSH WITH SURFACE OF CONCRETE.
21. CONTRACTOR WILL BE RESPONSIBLE FOR CONNECTING NEW CONDUIT TO EXISTING OR NEW TRAFFIC CONTROL FACILITIES. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.
22. PERMANENT SIGNING AND ALL STRIPING SHALL BE BY CITY FORCES. CONSTRUCTION SIGNING AND STRIPING SHALL BE BY CONTRACTOR.
23. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, CURB AND GUTTER, HANDICAP RAMPS AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE, PER CITY OF ALBUQUERQUE STANDARDS, AT HIS OWN EXPENSE.
24. EXISTING MEDIAN CURB AND GUTTER AND STANDARD CURB AND GUTTER, NOT DISTURBED BY THE CONTRACTOR, AND THAT IS OUT OF ALIGNMENT OR DISPLACED VERTICALLY OR IS BADLY BROKEN OR DETERIORATED WILL BE REPLACED AS DIRECTED BY THE FIELD ENGINEER, AND WILL BE PAID FOR AT CONTRACT UNIT PRICES.
25. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS DIVISION AT LEAST 5 WORKING DAYS IN ADVANCE OR WHEN FIRE HYDRANTS WILL BE TAKEN OUT OF SERVICE AND RETURNED TO SERVICE.

26. ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH THE CURRENT EDITION OF "MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES."
27. ALL TRAFFIC CONTROL SIGNS MUST BE INSTALLED BEFORE CONSTRUCTION BEGINS FOR EACH PHASE OF THE WORK AS DIRECTED BY THE FIELD ENGINEER. ALL SIGN LOCATIONS WILL BE SELECTED IN THE FIELD AND APPROVED BY THE FIELD ENGINEER. SIGN HEIGHT SHALL BE 7 FT. ABOVE THE SIDEWALK LEVEL TO THE BOTTOM OF SIGN.
28. ALL DRUMS USED FOR TRAFFIC CONTROL MAY BE FILED WITH SAND OR WATER BALLAST LIMITED TO 100 LBS. MAXIMUM PER DRUM.
29. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELING PEDESTRIAN TRAFFIC AROUND ALL WORK AREAS THROUGHOUT THE CONSTRUCTION PERIOD.
30. 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 AT LOCATION OF EXISTING OR AS INDICATED BY THIS PLAN SET.
31. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS TO ALL PROPERTY EXCEPT DURING ACTUAL PAVING OPERATIONS. PRIOR TO ANY PAVING OPERATIONS THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNERS 3 DAYS IN ADVANCE.
32. THE CONCRETE PAVEMENT FOR WHEELCHAIR RAMPS IS INCLUDED IN THE BID ITEM, "4 INCH CONCRETE SIDEWALK INCLUDING 6 INCH SUB GRADE PREPARATION."
33. ALL ADVANCE WARNING SIGNS AND ALL BARRICADES SHALL BE EQUIPPED WITH FLASHING WARNING LIGHTS, TYPE A, EXCEPT ALL CHANNELIZING BARRICADES SHALL HAVE STEADY BURNING WARNING LIGHTS, TYPE "C".
34. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED AT ALL CURB RETURNS CONSTRUCTED ON THIS PROJECT AT LOCATION SHOWN ON THE PLANS, IN ACCORDANCE WITH CITY STANDARD DETAILS. WHEELCHAIR RAMPS SHALL BE MEASURED AND PAID AS CONCRETE SIDEWALK AND CONCRETE CURB AND GUTTER.
35. RESTRAINED JOINTS SHALL BE UTILIZED ON THE WATER LINES AND APPURTENANCES AS PER THE TABLE SHOWN ON THE SHEET
36. MANHOLE RIM ELEVATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND WILL VARY IN ACCORDANCE WITH FINISHED PAVEMENT ELEVATIONS.
37. CONTRACTOR SHALL FIELD VERIFY LOCATION AND TYPE OF EXISTING UTILITIES TO BE ADJUSTED OR EXTENDED.
38. MILLED BITUMINOUS CONCRETE PAVEMENT WILL BE STOCKPILED FOR THE CITY AS DIRECTED BY ENGINEER.
39. CONTRACTOR TO VERIFY ALL FLANGE, PAD, VALVE BOX, RIM AND TOP OF PIPE ELEVATIONS IN FIELD. ELEVATIONS SHALL BE ADJUSTED TO COMPLY WITH REQUIREMENTS OF STANDARD CITY DETAILS.
40. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING THE EXECUTION OF THE WATER VALVE SHUT-OFF PLAN WITH THE CITY OF ALBUQUERQUE 5 WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER UTILITIES.
41. THE CONTRACTOR SHALL COORDINATE WITH QWEST ON RELOCATION OF ANY TELEPHONE BOXES.
42. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
43. 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 CREWS TO PERFORM THEIR REQUIRED WORK.
44. 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 COST INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
45. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE).
46. 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.
47. 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.
48. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
49. 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, REMOVE, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
50. 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.

QuikDraw ENGINEERING, L.L.C. P.O. Box 729 Corralitos, NM 87046 Office (505) 898-0309 Fax (505) 897-0369 QUIKDRAWENGR@AOL.COM			
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: DEL'S HIDEAWAY PARK GENERAL NOTES			
Design Review Committee	City Engineer Approval	Mo./Day/Yr	Mo./Day/Yr
DESIGNED BY LCL	APPROVED BY CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	of
7404.81	G-14	2	9



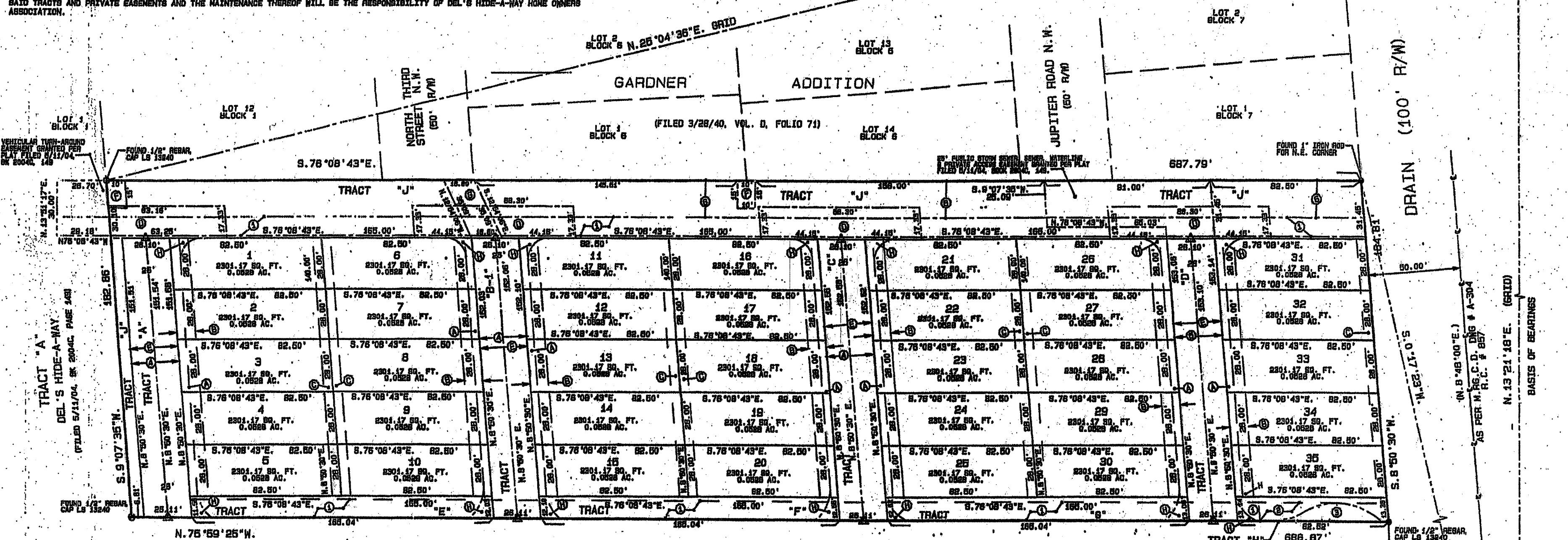
M.R.G.C.D. NOTES:

- DEL'S HIDE-A-WAY HOME OWNERS ASSOCIATION IS THE BENEFICIARY OF THE PRIVATE ROAD EASEMENTS AND WILL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE ROAD EASEMENTS.
- UNDER NO CIRCUMSTANCES SHALL FENCES, WALLS, SIDEWALKS, LANDSCAPING, TREES, STRUCTURES, UTILITIES, CULVERT PIPES, CURBS, ASPHALT PAVEMENT, CONCRETE PAVEMENT, OR ANY OTHER IMPROVEMENT BE CONSTRUCTED WITHIN THE 20' WIDE DITCH EASEMENT.
- DEL'S HIDE-A-WAY HOME OWNERS ASSOCIATION MUST PROVIDE DITCH ACCESS TO THE HIDE-A-WAY HOME OWNERS ASSOCIATION FOR SECOND JUDICIAL DISTRICT CANAL NO. 09-0002-5345.
- UNDER NO CIRCUMSTANCES SHALL UTILITY WATER DRAINAGE FROM THE SITE BE PERMITTED TO DISCHARGE TO THE ALAMEDA DRAIN.
- DEL'S HIDE-A-WAY HOME OWNERS ASSOCIATION ARE RESPONSIBLE AT THEIR EXPENSE TO INSTALL AND MAINTAIN TWO (2) 14" WIDE TRAFFIC DATES AT THE NORTH SIDE OF THE 20' DITCH EASEMENT AT NORTH STREET N.W. AND JUPITER ROAD N.W.

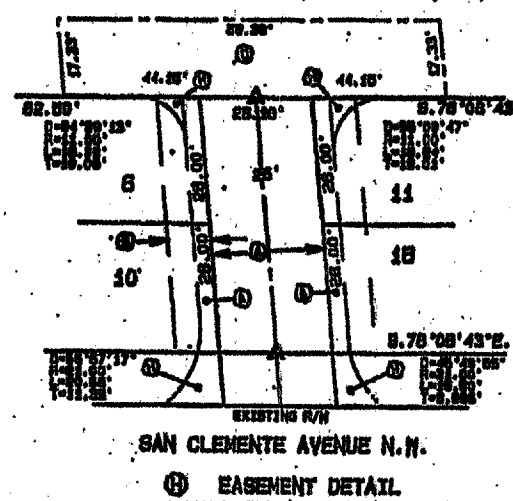
NOTES:

UPON THE FILING OF THIS PLAT, DEL'S HIDE-A-WAY HOME OWNERS ASSOCIATION WILL BE FORMED UNDER THE LAWS OF THE STATE OF NEW MEXICO, AND THE ORDINANCES OF THE CITY OF ALBUQUERQUE, PROPOSED TRACT "A", "B-1", "C", "D", "E", "F", "G", "H" & "J", AND TO BE CONVEYED TO SAID ASSOCIATION, AND WILL BE SHOWN BY PUBLIC AND PRIVATE EASEMENTS, ALL LOTS ARE SHOWN BY PRIVATE ACCESS AND DRAINAGE EASEMENTS SHOWN HEREON, DEL'S HIDE-A-WAY HOME OWNERS ASSOCIATION WILL BE THE BENEFICIARY OF ALL SAID TRACTS AND PRIVATE EASEMENTS AND THE MAINTENANCE THEREOF WILL BE THE RESPONSIBILITY OF DEL'S HIDE-A-WAY HOME OWNERS ASSOCIATION.

PLAT OF LOTS 1 THRU 35 and TRACTS "A", "B-1", "C", "D", "E", "F", "G", "H" & "J" DEL'S HIDE-A-WAY (BEING A REPLAT OF TRACT "B", DEL'S HIDE-A-WAY) PROJECTED SECTION 5, T 10 N, R 3 E, N.M.P.M. CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO DECEMBER 2005



- ADDITIONAL EASEMENTS GRANTED BY THIS PLAT
- 1' WIDE PRIVATE SIDEWALK ACCESS EASEMENT
 - 10' WIDE PUBLIC UTILITY EASEMENT
 - 5' WIDE PRIVATE DRAINAGE EASEMENT
 - 20' X 17' 30" WIDE VEHICULAR GRAVEL
 - 25' WIDE PUBLIC DRAIN & WATERLINE EASEMENTS DEDICATED TO THE ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY (ABCUHA)
 - 10' X 15' ANCHOR EASEMENT
 - 15' PUBLIC WATERLINE EASEMENT (ABCUHA)
 - PRIVATE ACCESS AND SIDEWALK EASEMENT APPLICABLE FOR LOTS 1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45
- EASEMENTS PREVIOUSLY GRANTED
- 10' X 15' PUBLIC DRAINAGE EASEMENT FOR PLAT FILED 8/11/04, BK 00040, L40.
 - 70' X 10' WIDE P.M. EASEMENT FOR PLAT FILED 8/11/04, BK 00040, L40.
 - 10' X 15' PUBLIC UTILITY EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE FOR PLAT FILED 8/11/04, BK 00040, L40. (SEE DETAIL BELOW)
 - 10' X 15' PUBLIC UTILITY EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE FOR PLAT FILED 8/11/04, BK 00040, L40. (SEE DETAIL BELOW)
 - 10' X 15' PRIVATE ACCESS EASEMENT GRANTED TO THE H.R.G.C.D. FOR PLAT FILED 8/11/04, BK 00040, L40.
 - 10' X 15' DITCH EASEMENT GRANTED TO THE H.R.G.C.D. FOR PLAT FILED 8/11/04, BK 00040, L40.



AREA TABLE FOR TRACTS

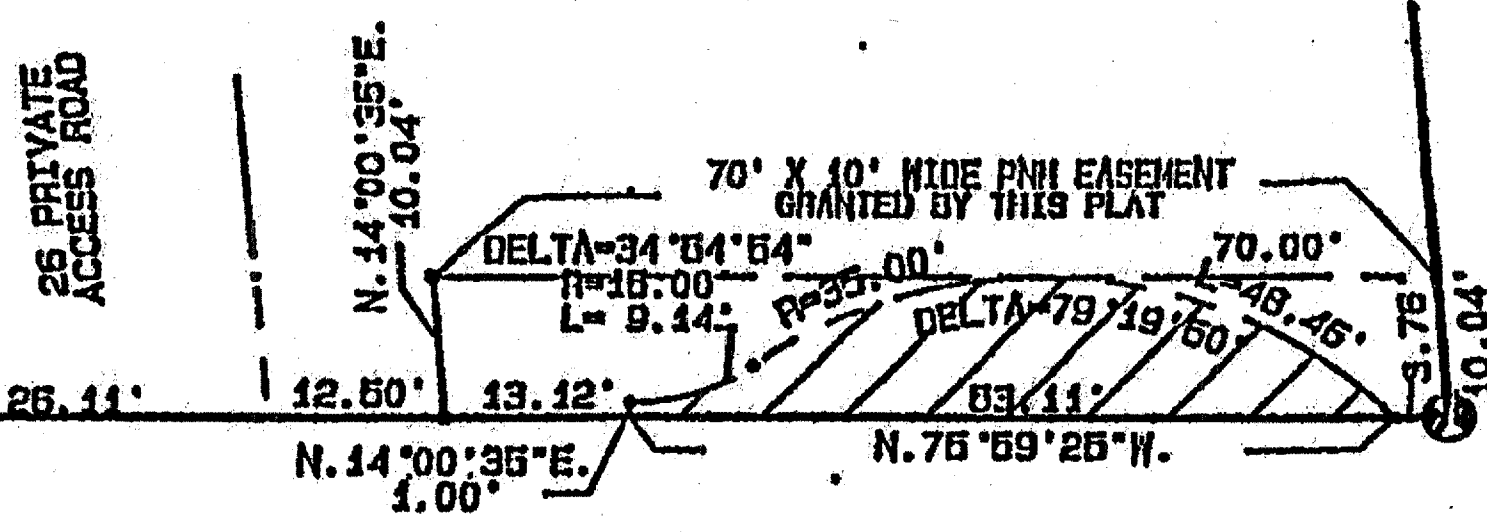
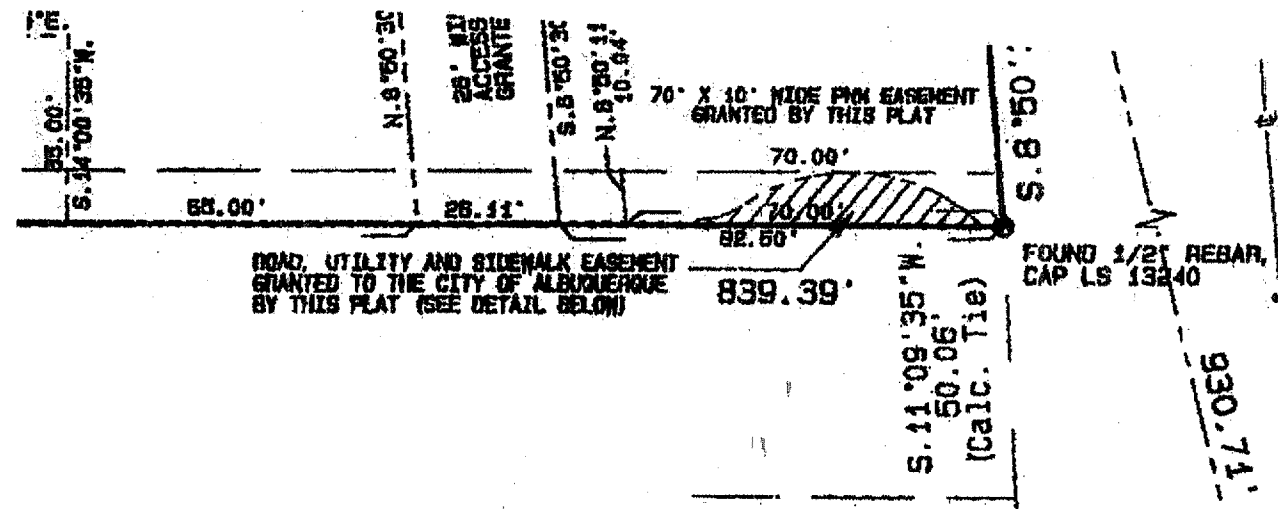
TRACT	AREA (SQ. FT.)	ACRES
TRACT "A"	3940.10	0.0905
TRACT "B-1"	3993.50	0.0909
TRACT "C"	3997.10	0.0911
TRACT "D"	3990.50	0.0914
TRACT "E"	1839.50	0.0425
TRACT "F"	2085.50	0.0480
TRACT "G"	2110.50	0.0485
TRACT "H"	1088.71	0.0250
TRACT "J"	3881.25	0.0879

NOTES:

- UNLESS OTHERWISE NOTED ALL BOUNDARY CORNERS SHOWN THIS PLAT SHALL BE MARKED BY A 1/2" REBAR WITH CAP STAMPED NMLS 13240.
- ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL INTERSECTIONS, TIES, AND STREET INTERSECTIONS AND SHOWN THIS PLAT SHALL BE MARKED BY A FOUR INCH (4") ALUMINUM CAP STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION MARKED DO NOT DISTURB, PS # 13240."



SCALE 1"=40'



EASEMENT DETAIL NOT TO SCALE

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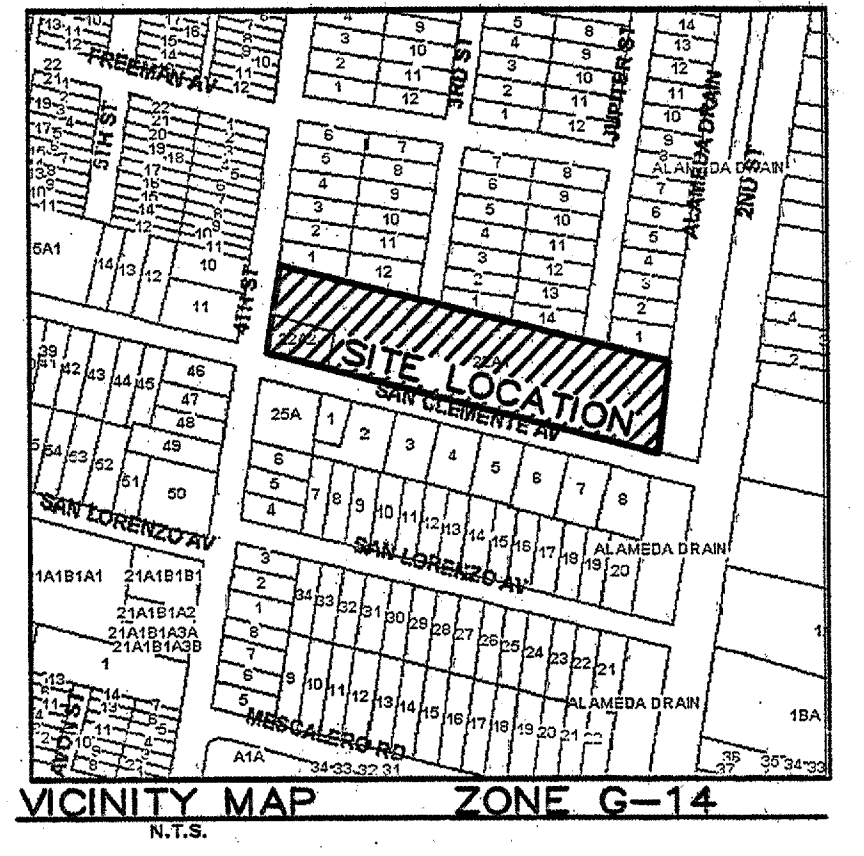
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Corrales, NM 87048
Office (505) 698-0389 Fax (505) 697-0389
QUICKDRAWING@AOL.COM

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

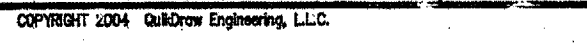
DEL'S HIDEAWAY PARK
PRELIMINARY PLAT

Design Review Committee City Engineer Approval

City Project No. 7404.81 Zone Map No. G-14 Sheet 3 of 9



JUPITER
ROAD N.W.
(50' R.O.W.)



DELS HIDEAWAY PARK

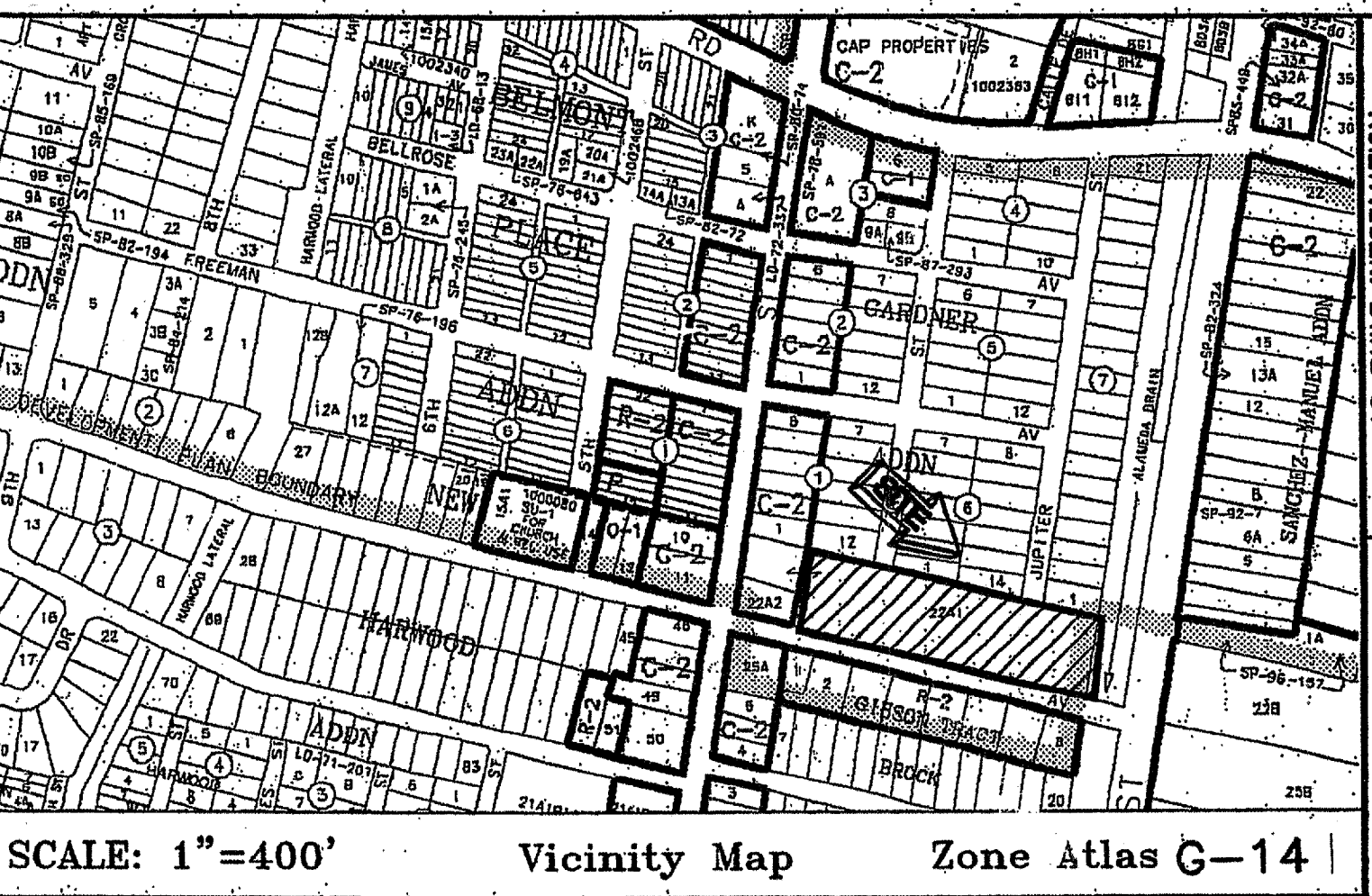
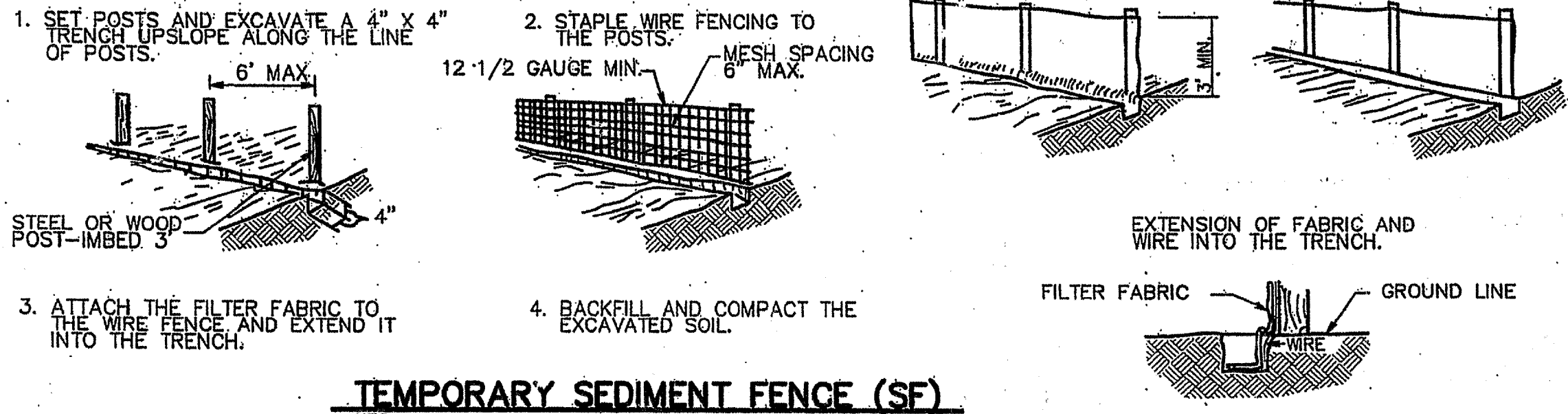
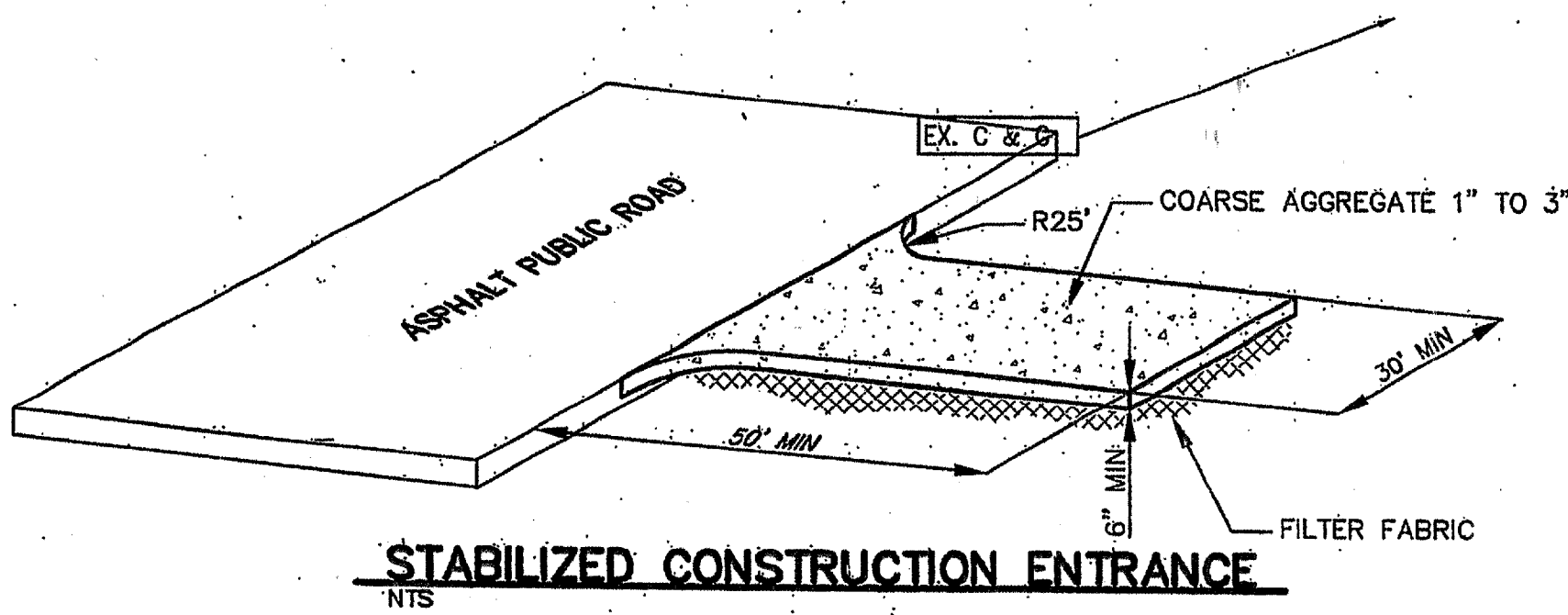
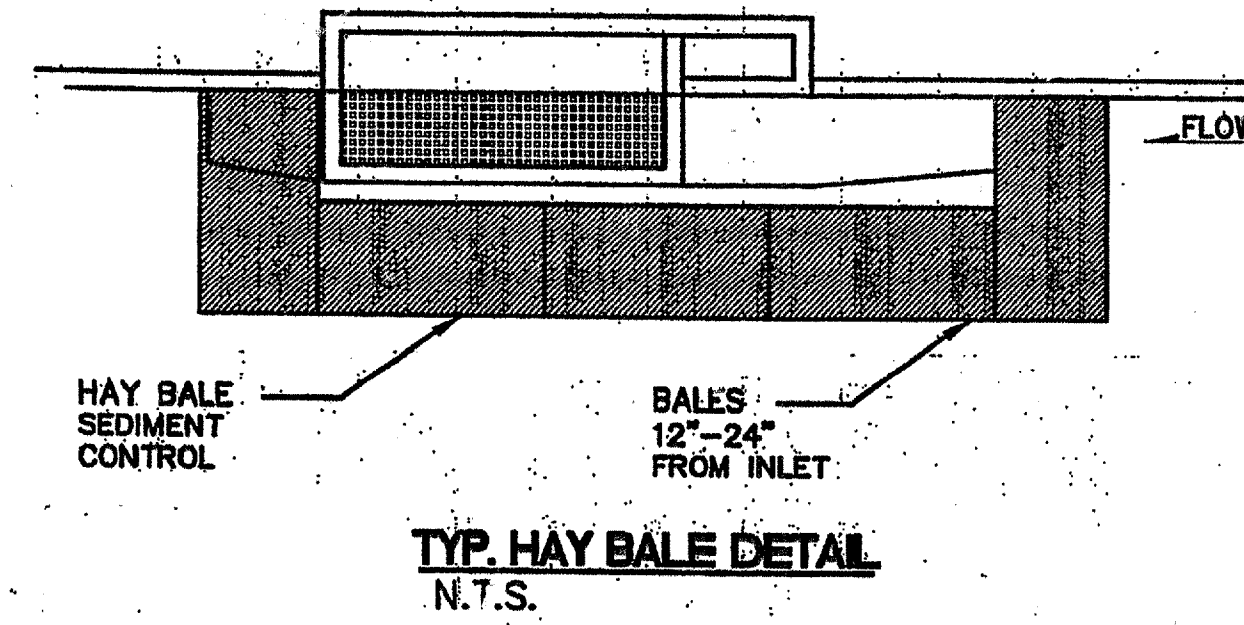
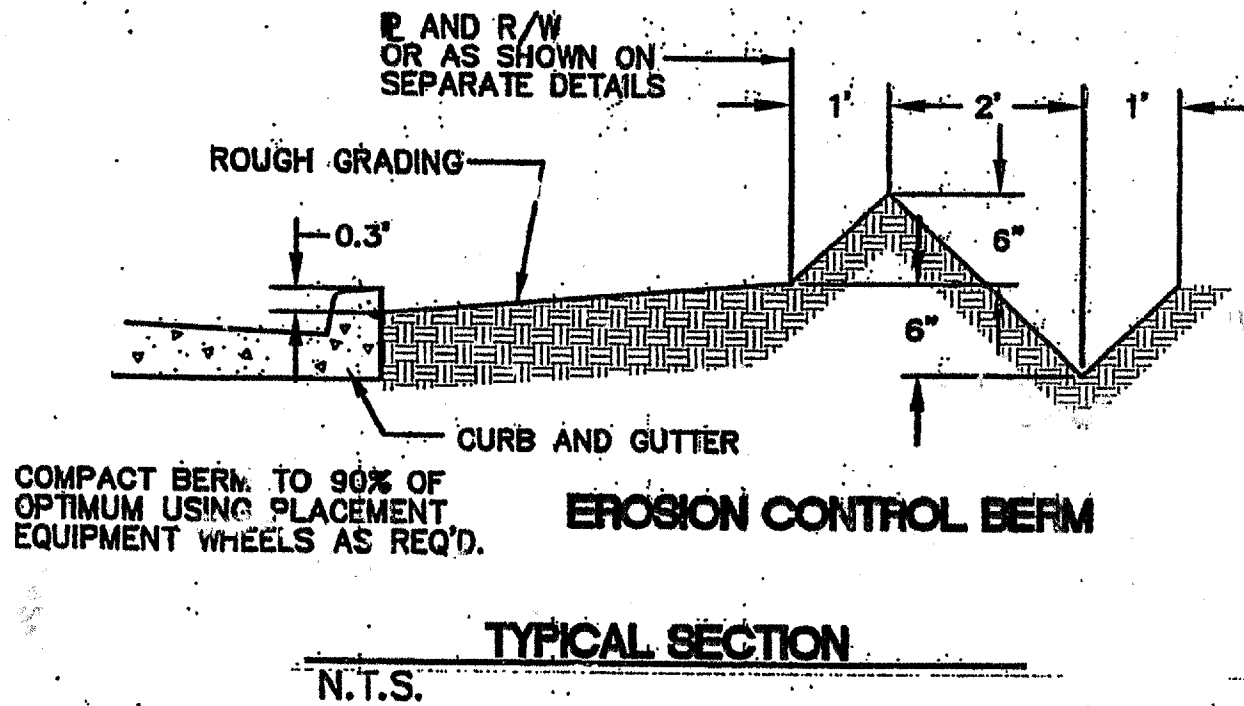
EROSION CONTROL PLAN

LEGEND

- LOT LINES
- UTILITY EASEMENT LINE
- BOUNDARY
- CENTER LINE OF ROADWAY
- SEDIMENT FENCE
- HAY BALE EROSION CONTROL

EROSION CONTROL NOTES

- CONTRACTOR SHALL OBTAIN A TOP SOIL DISTURBANCE PERMIT PRIOR TO GRADING.
- PROTECTION OF ADJACENT RIGHT-OF-WAY AND PRIVATE PROPERTY FROM SEDIMENT, WILL BE ACCOMPLISHED BY THE EROSION CONTROL BERM SHOWN HERE ON.
- DISTURBED AREAS WILL BE RESEED PER C.O.A. DPM SECTION 1012, AS INDICATED.



EROSION CONTROL / ENVIRONMENTAL PROTECTION / STORM WATER POLLUTION PREVENTION PLAN

- THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST AND EROSION CONTROL REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY NECESSARY DUST OR EROSION CONTROL PERMITS FROM REGULATORY AGENCIES.
- THE CONTRACTOR SHALL PROMPTLY REMOVE ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY TO KEEP IT FROM WASHING OFF THE PROJECT SITE.
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO OTHER PROPERTY BY CONSTRUCTING TEMPORARY EROSION CONTROL BERMS OR INSTALLING SILT FENCES AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
- THE CONTRACTOR SHALL MITIGATE EROSION OF TEMPORARY OR PERMANENT DIRT SWALES BY INSTALLING HAY BALES IN THE SWALES PERPENDICULAR TO THE DIRECTION OF FLOW, AND AT APPROPRIATE INTERVALS.
- WATERING AS REQUIRED FOR CONSTRUCTION AND DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST CONTROL IN COMPLIANCE WITH GOVERNMENT ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND SUPPLYING WATER AS REQUIRED.
- ANY AREAS DISTURBED BY CONSTRUCTION AND NOT COVERED BY LANDSCAPING OR AN IMPERVIOUS SURFACE SHALL BE RE-VEGETATED WITH NATIVE GRASS SEEDING. THIS SHALL NOT INCLUDE RESIDENTIAL LOTS WHICH ARE TO BE OCCUPIED WITHIN 12 MONTHS.
- THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL ASPHALT REMOVED ON THE PROJECT BY HAULING TO AN APPROVED LANDFILL IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW MEXICO SOLID WASTE ACT.
- ALL WASTE PRODUCTS FROM THE CONSTRUCTION SITE, INCLUDING ITEMS DESIGNATED FOR REMOVAL, CONSTRUCTION WASTE, CONSTRUCTION EQUIPMENT WASTE PRODUCTS (OIL, GAS, TIRES, ETC.) GARBAGE, GRUBBING EXCESS CUT MATERIAL, VEGETATIVE DEBRIS, ETC. SHALL BE APPROPRIATELY DISPOSED OF OFF SITE AT NO ADDITIONAL COST TO THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN PERMITS REQUIRED FOR HAUL OR DISPOSAL OF WASTE PRODUCTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE WASTE DISPOSAL SITE COMPLIES WITH GOVERNMENT REGULATIONS REGARDING THE ENVIRONMENT, ENDANGERED SPECIES AND ARCHAEOLOGICAL RESOURCES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP AND REPORTING OF SPILLS OF HAZARDOUS MATERIALS ASSOCIATED WITH THE CONSTRUCTION SITE. HAZARDOUS MATERIALS INCLUDE GASOLINE, DIESEL FUEL, MOTOR OIL, SOLVENTS, CHEMICALS, PAINTS, ETC. WHICH MAY BE A THREAT TO THE ENVIRONMENT. THE CONTRACTOR SHALL REPORT THE DISCOVERY OF PAST OR PRESENT SPILLS TO THE NEW MEXICO ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE AT 505-822-1558 OR 800-219-6157.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING SURFACE AND UNDERGROUND WATER. CONTACT WITH SURFACE WATER BY CONSTRUCTION EQUIPMENT AND PERSONNEL SHALL BE MINIMIZED. EQUIPMENT MAINTENANCE AND REFUELING OPERATIONS SHALL BE PERFORMED IN AN ENVIRONMENTALLY SAFE MANNER IN COMPLIANCE WITH GOVERNMENT REGULATIONS.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING CONSTRUCTION NOISE AND HOURS OF OPERATION.
- THE CONTRACTOR SHALL MAINTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN ON SITE AT ALL TIMES.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN		DRAWN BY		CHECKED BY	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	BY	NO.	BY	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
STAMPED "STANDARD-10"	DATE 1/1/99	STANDARD 10' AS ELEV. 4867.486 FEET (S.D. 1999)	DATE 1/1/99												
IN TOP OF A CONCRETE POST PROJECTING 1 FT. ABOVE THE															
GROUND LOCATED AT THE INTERSECTION OF SECOND ST. AND															
MESCALERO RD.															
X = 353,337.65 Y = 1,900,747.89 Z = 4867.486 ADJUSTED															
ELEV. 4870.25 FEET (NAD83)															

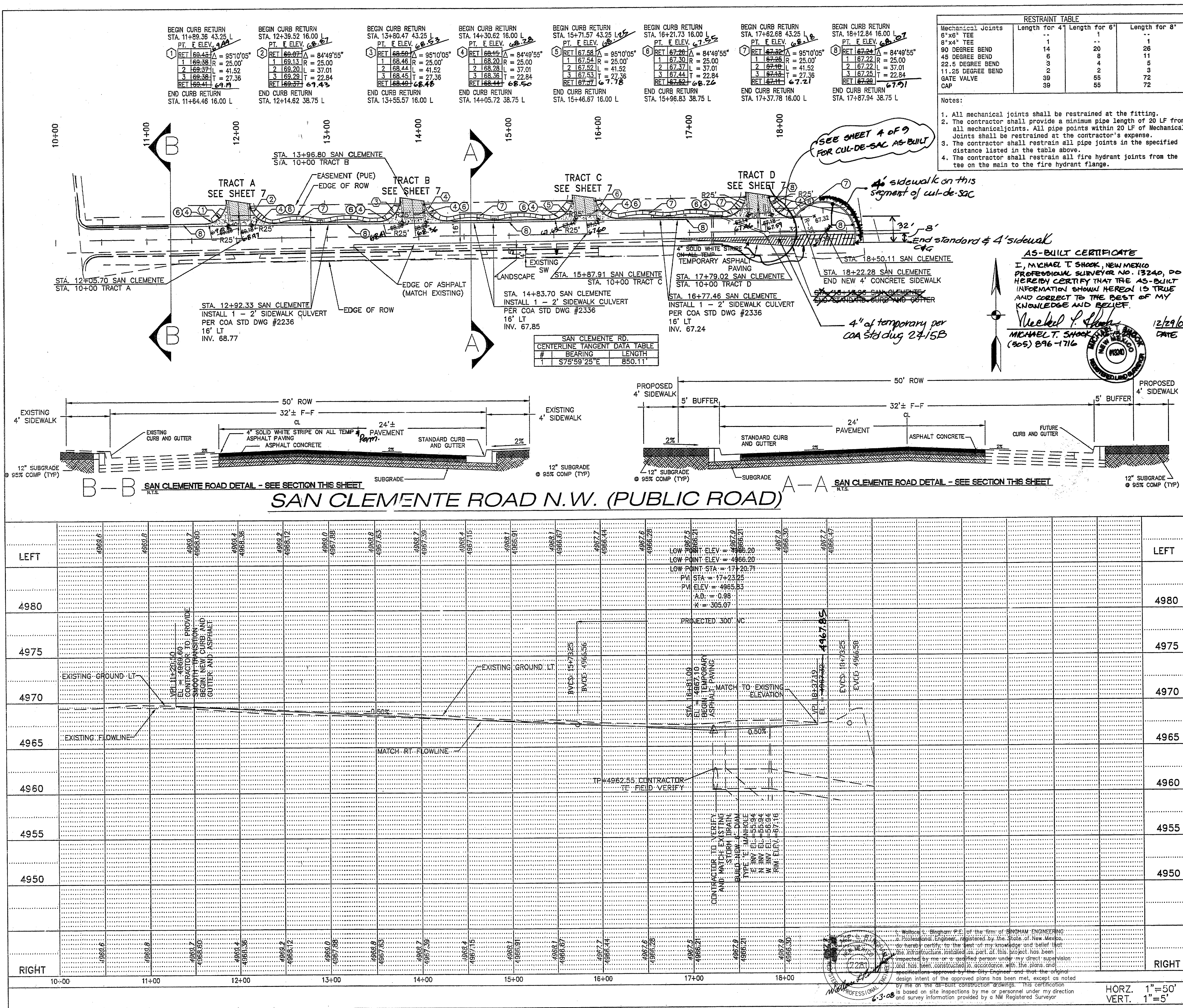
QuikDraw
ENGINEERING, L.L.C.
P.O. Box 729
Corrales, NM 87045
Office (505) 595-0369 Fax (505) 597-0369
QUICKDRAW@AOL.COM

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

DEL'S HIDEAWAY PARK
EROSION CONTROL PLAN

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

City Project No. 7404.81 Zone Map No. G-14 Sheet 5 of 9



RESTRANT TABLE

Mechanical Joints	Length for 4"	Length for 6"	Length for 8"
6"x6" TEE	1	1	1
8"x4" TEE	1	1	1
90 DEGREE BEND	14	20	26
45 DEGREE BEND	6	8	11
22.5 DEGREE BEND	3	4	5
11.25 DEGREE BEND	2	2	3
GATE VALVE	39	55	72
CAP	39	55	72

LEGEND:

- ROW LINE
- LOT LINE
- PUBLIC UTILITY EASEMENT
- PROPOSED
- EXISTING
- ROW CENTER LINE
- EDGE OF PAVEMENT
- SUBDIVISION BOUNDARY
- STANDARD CURB & GUTTER
- ASPHALT REMOVAL
- ASPHALT TRANSITION
- SIDEWALK & HANDICAP RAMPS
- FL SPOT ELEVATIONS

CONSTRUCTION NOTES:

- CONSTRUCT MOUNTABLE CURB & GUTTER PER COA STD DWG 2415A
- CONSTRUCT ASPHALT CONCRETE PAVEMENT PER COA STD DWG 2405A, SEE DETAIL THIS SHEET
- CONSTRUCT 4" CONCRETE SIDEWALK PER COA STD DWG 2430 (DEFERRED)
- CONSTRUCT CURB RETURNS AND 6" VALLEY GUTTER PER COA STD DWG 2420
- CONSTRUCT CROWN TRANSITION PER COA STD DWG 2401
- BUILD HANDICAP RAMP PER COA STD DWG 2441 CASE #2 W/ HEADER CURB. TRUNCATED DOMES FOR ALL WC RAMPS. ADD TO PRIVATE STREETS TO COMPLY W/ ADA.
- CONSTRUCT 4" CONCRETE SIDEWALK PER COA STD DWG 2430 (DEFERRED)
- CONSTRUCT STANDARD CURB & GUTTER PER COA STD DWG 2415A

GENERAL NOTES:

- DEVELOPER IS RESPONSIBLE FOR PROVIDING STREET NAME SIGNS AND STOP SIGNS.
- FOR EXISTING STORM DRAIN AS BUILTS SEE CITY PROJECT #4271.92.

RESIDENTIAL PAVING SECTION COMPONENTS

2" ASPHALT CONC. TYP. FINISH COURSE PLACED AFTER ALL MANHOLE VALVES COVER/ RINGS ARE SET TO GRADE STABILITY TYPE B GRADATION

2" ASPHALT CONC. STABILITY TYPE B GRADATION

FINISH SURFACE OF SUBGRADE SHALL BE MOISTURE RANGE, OR PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/ FINAL SURFACING COMPLETED. SUBGRADE PREP SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION COMPLETED.

1" SUBGRADE SOL. R-VALUE ≥50. PLACED IN 2"-5" COMPACTION LIFTS. 55% MIN. COMPACTION, AT OPT. MOISTURE, ± 2.0% ASTM D1557, OR OPT. MOISTURE, TO ±4% ASTM D698 FOR SOIL W/ 35% OR MORE MATERIAL PASSING THE NO. 200 SIEVE. 90% MINIMUM COMPACTION

QuikDraw ENGINEERING, L.L.C.

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QUICKDRAWENGR@AOL.COM

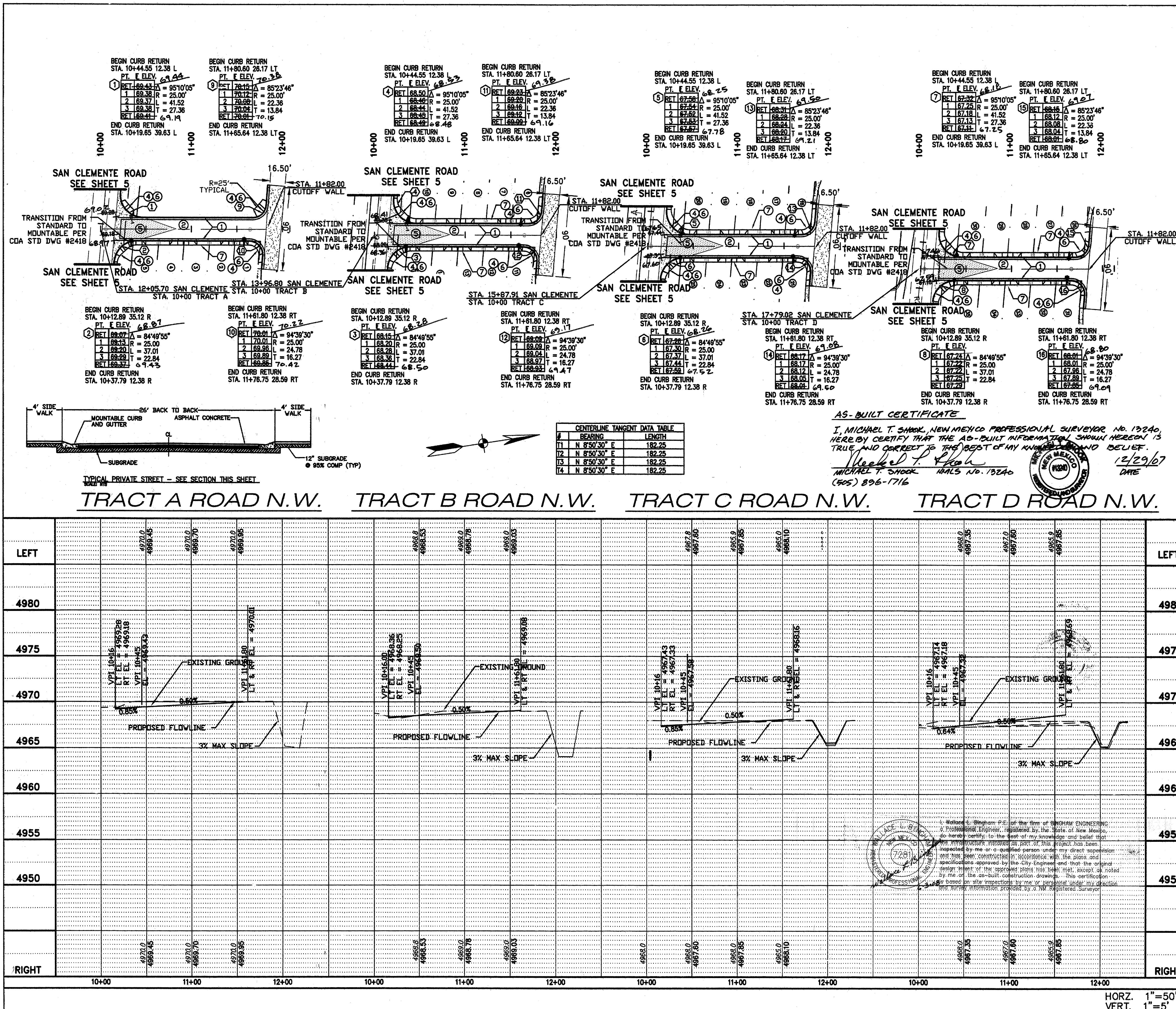
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP

TITLE: DEL'S HIDEAWAY PARK PAVING PLAN & PROFILE SAN CLEMENTE ROAD N.W.

DESIGN REVIEW COMMITTEE **CITY ENGINEER APPROVAL** **Mo./Day/Yr** **Mo./Day/Yr**

DESIGNED BY LCL **DRAWN BY REH** **CHECKED BY LCL**

CITY PROJECT NO. 7404.81 **ZONE MAP NO. G-14** **SHEET 6 OF 9**



LEGEND:

PROPOSED EXISTING

ROW LINE
LOT LINE
PUBLIC UTILITY EASEMENT

ROW CENTER LINE
EDGE OF PAVEMENT
SUBDIVISION BOUNDARY
STANDARD CURB & GUTTER

ASPHALT REMOVAL
ASPHALT TRANSITION
SIDEWALK & HANDICAP RAMP
FL SPOT ELEVATIONS

STREET LIGHT

CONSTRUCTION NOTES:

- CONSTRUCT MOUNTABLE CURB & GUTTER PER COA STD DWG 2415A
- CONSTRUCT ASPHALT CONCRETE PAVEMENT PER COA STD DWG 2405A, SEE DETAIL THIS SHEET
- CONSTRUCT 4" CONCRETE SIDEWALK PER COA STD DWG 2430 (DEFERRED)
- CONSTRUCT CURB RETURNS AND 6" VALLEY GUTTER PER COA STD DWG 2420
- CONSTRUCT CROWN TRANSITION PER COA STD DWG 2401
- BUILD HANDICAP RAMP PER COA STD DWG 2441 CASE #2 W/ HEADER CURB
- CONSTRUCT 4" CONCRETE SIDEWALK PER COA STD DWG 2430 (DEFERRED)
- CONSTRUCT STANDARD CURB & GUTTER PER COA STD DWG 2415A

FINISH SURFACE OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT COMPACTION MOISTURE RANGE, OR PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/ FINAL SURFACING COMPLETED. SUBGRADE PREP SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION COMPLETED.

1' SUBGRADE SOIL R-VOLUME >50. PLACED IN 2"-6" COMPACTION LIFTS. 90% MIN. COMPACTION, AT OPT. MOISTURE +/- 2.0% ASTM D1557, OR OPT. MOISTURE TO +4% ASTM D698 FOR SOIL W/ 35% OR MORE MATERIAL PASSING THE NO. 200 SIEVE.

90% MINIMUM COMPACTION

RESIDENTIAL PAVING SECTION COMPONENTS

1-1/2" ASPHALT CONC. TYP. FINISH COURSE PLACED AFTER ALL MANHOLE VALVES COVER/ RINGS ARE SET TO GRADE. STABILITY TYPE C GRADATION

TRACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/ AGGREGATE MATERIAL LIFTS

1-1/2" ASPHALT CONC. STABILITY, TYPE C GRADATION

FINISH SURFACE OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT COMPACTION MOISTURE RANGE, OR PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/ FINAL SURFACING COMPLETED. SUBGRADE PREP SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION COMPLETED.

1' SUBGRADE SOIL R-VOLUME >50. PLACED IN 2"-6" COMPACTION LIFTS. 90% MIN. COMPACTION, AT OPT. MOISTURE +/- 2.0% ASTM D1557, OR OPT. MOISTURE TO +4% ASTM D698 FOR SOIL W/ 35% OR MORE MATERIAL PASSING THE NO. 200 SIEVE.

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90% MINIMUM COMPACTION

AS-BUILT CERTIFICATE

I, MICHAEL T. SHOOK, NEW MEXICO PROFESSIONAL SURVEYOR No. 19240, HEREBY CERTIFY THAT THE AS-BUILT INFORMATION SHOWN HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Michael T. Shook
MICHAEL T. SHOOK NMLS No. 19240
(505) 896-1716

12/29/07
DATE

ENGINEER'S SEAL

C. LOPEZ
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
No. 19240

QUICKDRAW
ENGINEERING, L.L.C.

P.O. Box 729
Corrales, NM 87048
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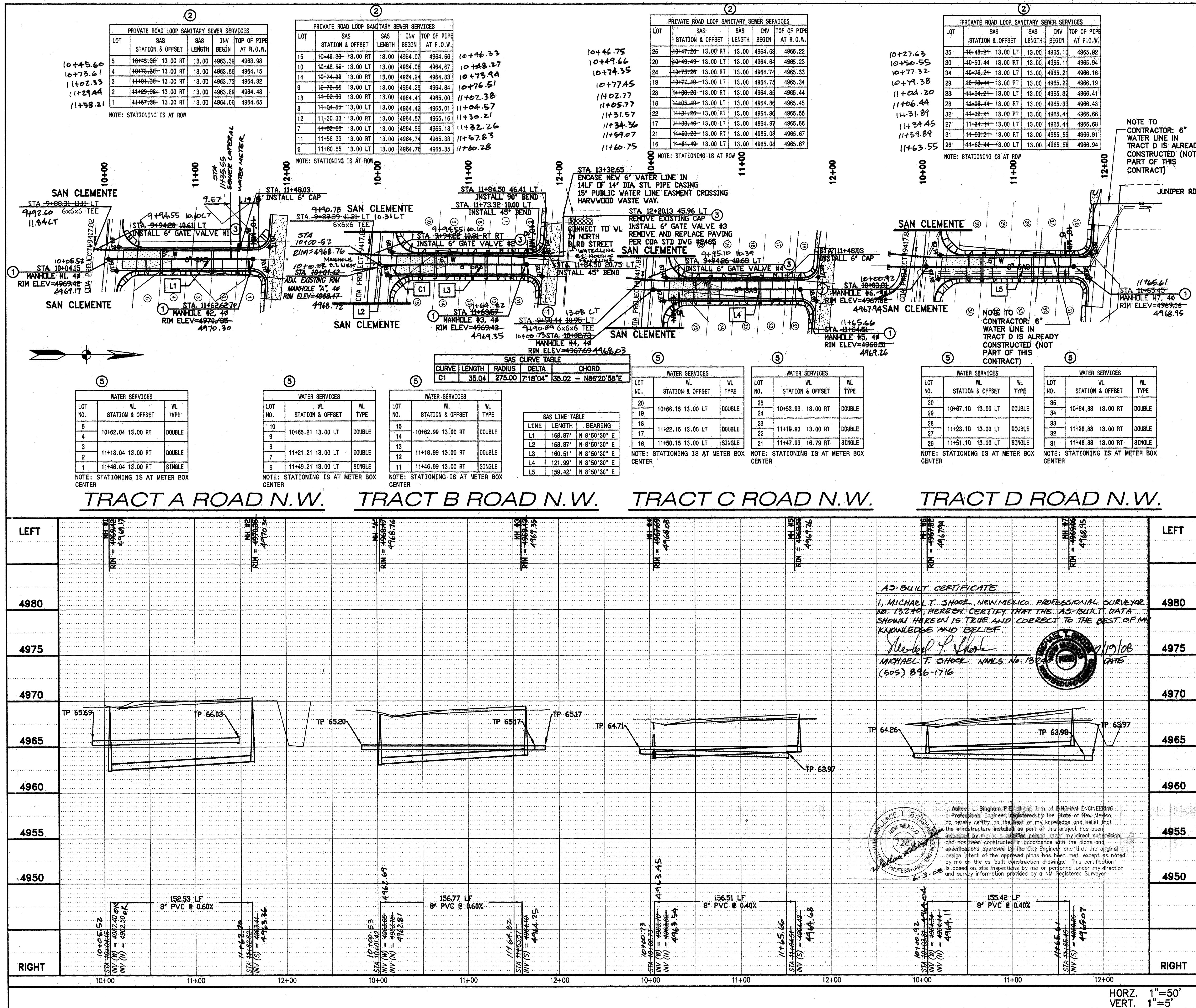
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **DEL'S HIDEAWAY PARK**
PAVING PLAN & PROFILE
PRIVATE ROADS N.W.

Design Review Committee City Engineer Approval

Mo./Day/Yr Mo./Day/Yr

City Project No. **7404.81** Zone Map No. **G-14** Sheet **7** of **9**



LEGEND:

- ROW LINE
- LOT LINE
- PUBLIC UTILITY EASEMENT
- PROPOSED
- EXISTING
- ROW CENTER LINE
- EDGE OF PAVEMENT
- SUBDIVISION BOUNDARY
- SAS LINE & MANHOLE
- WATER LINE
- ⊕ FIRE HYDRANT
- GATE VALVE
- WATER LINE TEE
- WATER SERVICE
- SAS SERVICE
- STORM DRAIN
- DROP INLET
- CAP OR PLUG

CONSTRUCTION NOTES:

- BUILD SANITARY SEWER MANHOLE PER COA STD DWG #2102
- BUILD SANITARY SEWER SERVICE LINES PER COA STD DWG #2125
- BUILD PVC GATE VALVE PER COA STD DWG #2326 AND #2328
- BUILD FIRE HYDRANT ASSEMBLY W/APPOINTANCES PER COA STD DWG 2340 & 2347
- BUILD WATER SERVICE LATERALS 3/4" AND TYPICAL UTILITY LAYOUT PER COA DWG #2361, 2362, AND 2368
- WATER SERVICE LINES / METER BOXES WILL REQUIRED DOUBLE CHECK VALVE.

GENERAL NOTES:

- ALL CURVE DATA AND DIMENSIONS REFER CENTERLINE OF PIPE OR MANHOLE. ALL SAS SLOPES ARE FROM INVERT TO INVERT.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- CONTRACTOR TO RESTRAIN ALL JOINTS WITHIN LENGTH OF RESTRAINT SPECIFICATIONS BY (EXAMPLE) LR=4.0'.

ENGINEER'S SEAL

AS BUILT INFORMATION

CONTRACTOR: NM47-10 ACS ELEV. 4967.486 FEET (SD 1929) STATION MARK IS A STANDARD NMCS BRASS CAP STAMPED "STAN47-10", IN TOP OF A CONCRETE POST PROJECTING 1 FT. ABOVE THE GROUND LOCATED AT THE INTERSECTION OF SECOND ST. AND MESQUERO RD. X = 383,387.65 Y = 1,500,747.69 Z = 4967.486 ADJUSTED ELEV. 4970.25 FEET (NM4708)

SURVEY INFORMATION

FIELD NOTES

DATE: 11/19/08

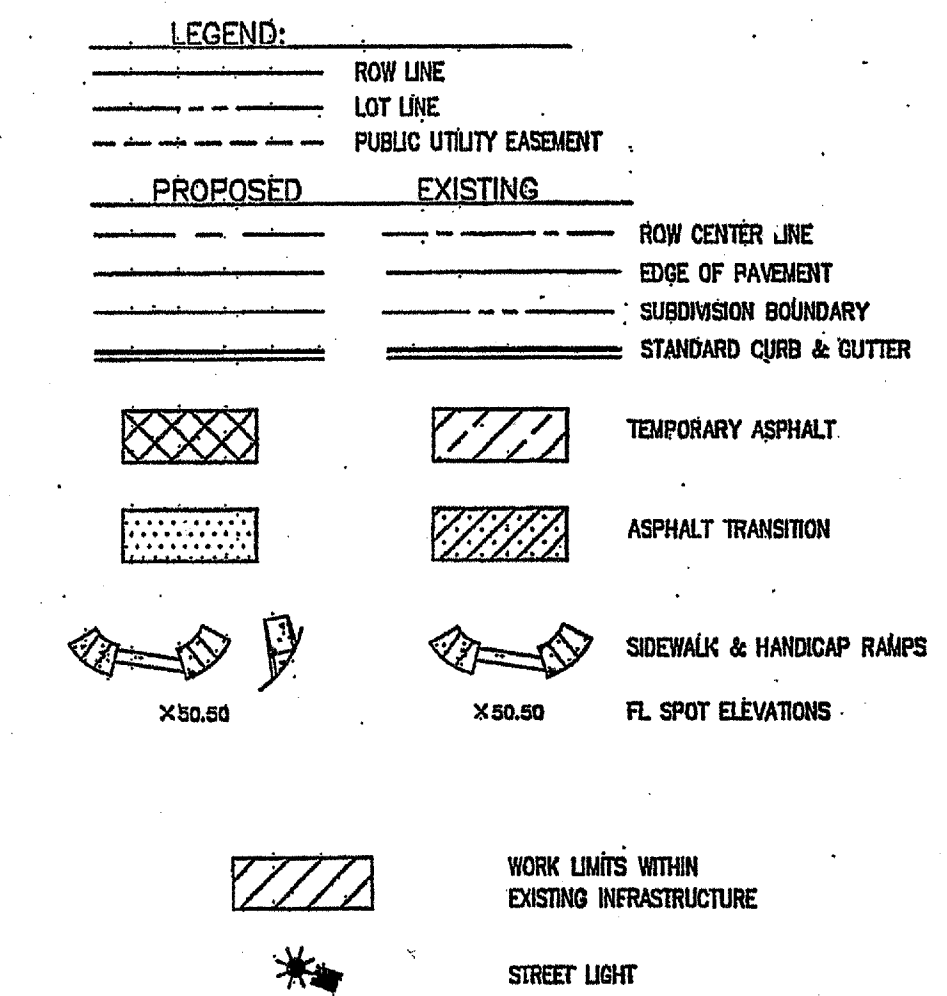
BY: Michael T. Shook

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REVISIONS

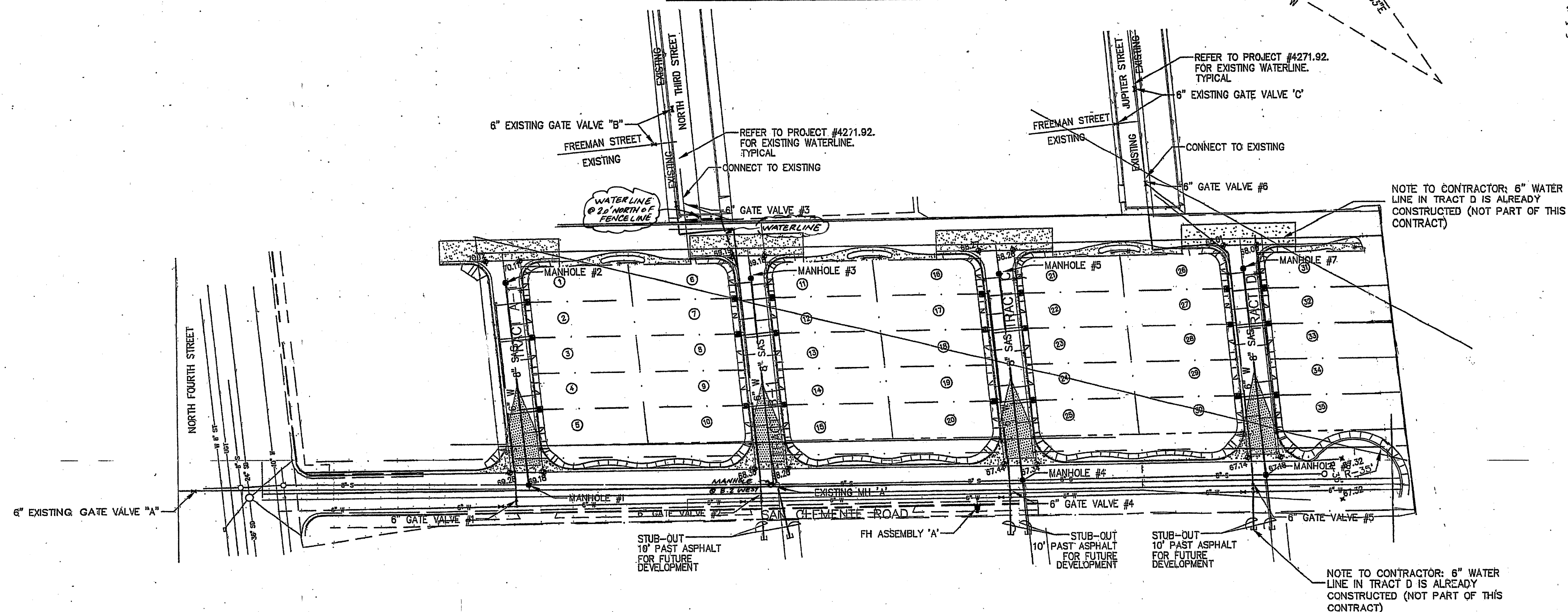
NO.	DATE	REVISIONS
1	07/2005	DESIGN
2	10/2005	REH
3	10/2005	LCL

DESIGNED BY: LCL
DRAWN BY: REH
CHECKED BY: LCL



Material Schedule

SAS Main	SAR 35 PVC
SAS Services	SAR 26 PVC
Water Main	C-90 PVC
Water Services	Copper



COMPOSITE UTILITY PLAN

1. CLOSE ALL VALVES "A", "B", "C" #1-#5 AND FIRE HYDRANTS 'A'.
2. OPEN VALVES #1, 'A' AND LOT 1 SERVICE. CLOSE LOT 1 SERVICE
3. OPEN VALVES #2, #3, 'B' AND, LOT 6 SERVICE. CLOSE LOT 6 SERVICE.
4. OPEN VALVE #4 AND LOT 16 SERVICE. CLOSE LOT 16 SERVICE.
5. OPEN VALVES #5, 'C' AND LOT 26 SERVICE. CLOSE LOT 26 SERVICE.
6. OPEN FIRE HYDRANT 'A'.
7. CLOSE ALL FIRE HYDRANTS & WATER LINE SERVICES. OPEN ALL VALVES

RESTRAINT TABLE			
Mechanical Joints	Length for 4"	Length for 6"	Length for 8"
6"x6" TEE	--	1	1
8"x4" TEE		--	1
90 DEGREE BEND	14	--	26
45 DEGREE BEND	6	8	11
22.5 DEGREE BEND	3	4	5
11.25 DEGREE BEND	2	2	3
GATE VALVE	39	55	72
CAP	39	55	72

1. All mechanical joints shall be restrained at the fitting.
2. The contractor shall provide a minimum pipe length of 20 LF from all mechanical joints to the first joint. 10 LF of Mechanical piping shall be restrained at the contractor's expense.
3. The contractor shall restrain all pipe joints in the specified distance listed in the table above.
4. The contractor shall restrain all fire hydrant joints from the tee on the main to the fire hydrant flange.

Design Review Committee 	City Engineer Approval 	Mo./Day/Yr 	Mo./Day/Yr 
City Project No. 7404 81	Zone Map No. G-14	Sheet 9	of 9

[illegible]

A circular professional engineer seal for C. Losack, State of New Mexico, License No. 14929, Registered Professional Engineer. The seal is stamped in black ink and is oriented upside down. It features a central circle with the license number '14929' and the text 'REGISTERED PROFESSIONAL ENGINEER' around the perimeter. The outer ring contains the text 'C. LOSACK' and 'NEW MEXICO'. The seal is signed with 'C. Losack' and '10/1/76' in the upper right quadrant.

[illegible]

CENT	
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Y PLANS	
Mo./Day/Yr	Mo./Day/Yr
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