

CONSTRUCTION PLANS
FOR
PARKWAY SUBDIVISION
UNIT 10
ALBUQUERQUE, NEW MEXICO

SCANNED BY
MESA REPRO

INDEX TO DRAWINGS

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6	MASTER PAVING PLAN
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9	MASTER UTILITY PLAN
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CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, PA, 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 Russ Hugg, NMPS number 9750.

James D. Hughes 5-20-05
James D. Hughes NMPE 11674

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 7/18/05

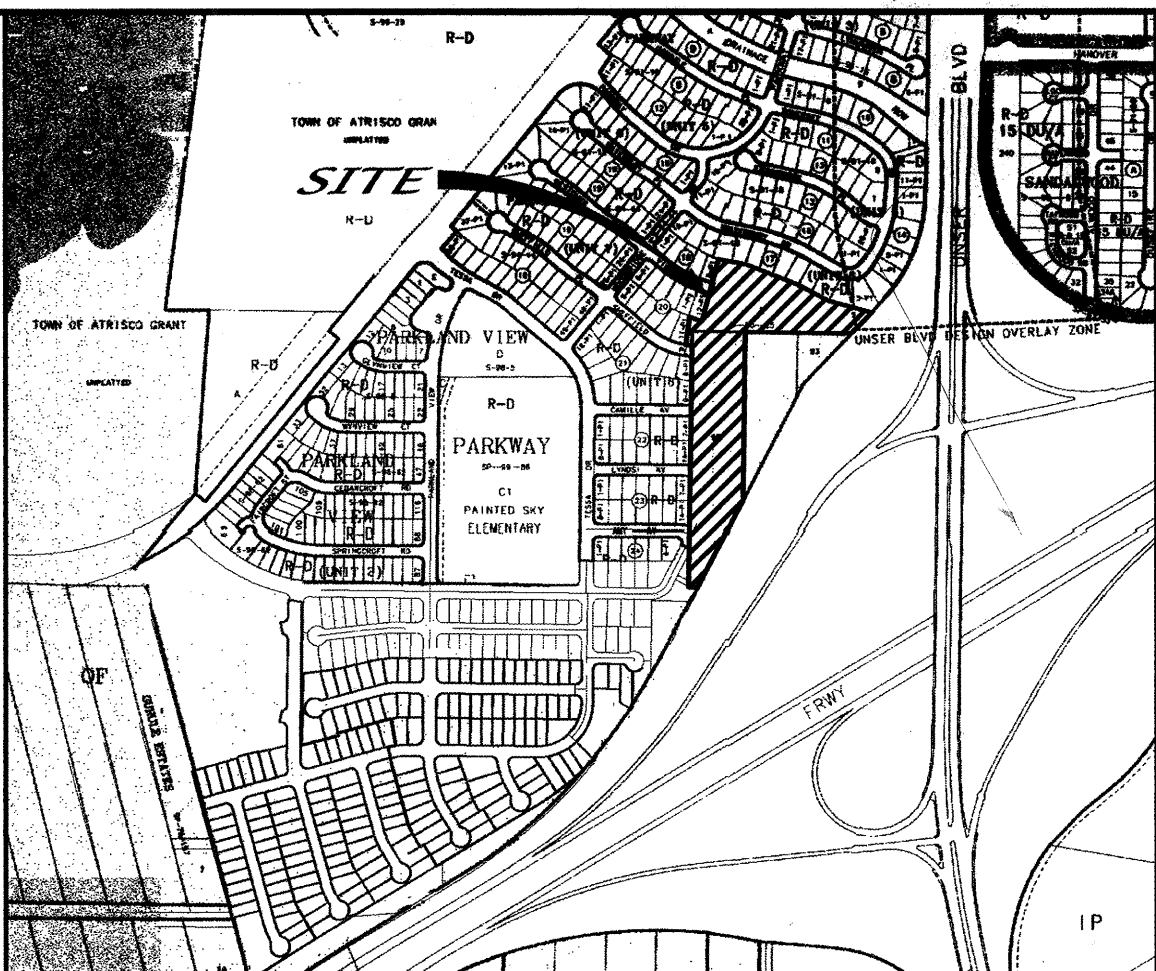
SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, Hereby Certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

Russ P. Hugg
NMPS No. 9750
15-15

DRB NO.

1000570



VICINITY MAP ZONE ATLAS J-9-Z

SCALE: NONE

GENERAL NOTES

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 OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADE 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 AFFECTING 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 TO COVER THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- 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 HAVE 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 SYSTEMS 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.
12. FOR STORM DRAIN CONSTRUCTION, RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

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 ENGINEER.
- ☒ SIDEWALK 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.

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

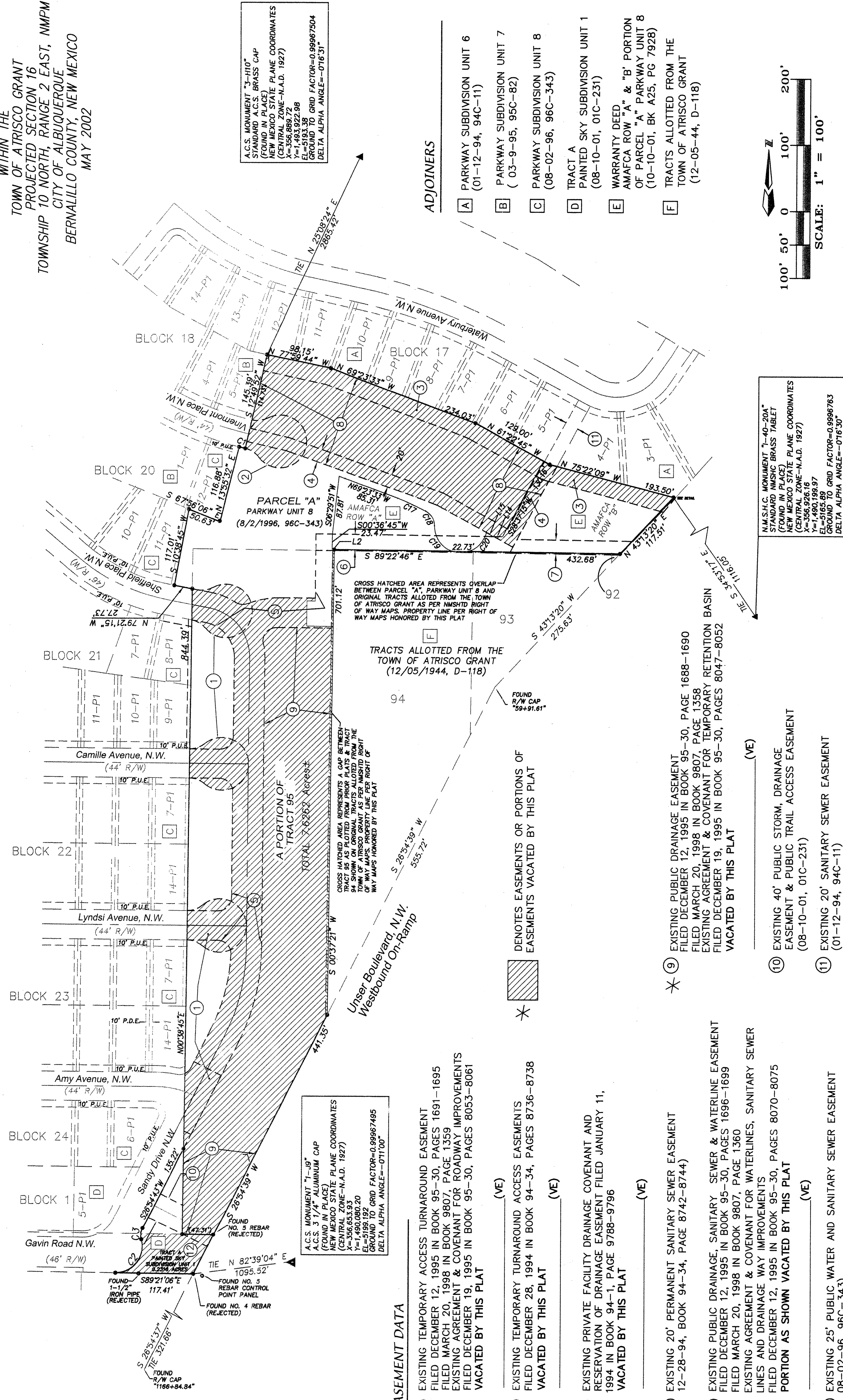
dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P. O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	***** APPROVED FOR CONSTRUCTION			
	DRC CHAIRMAN	<u>James D. Hughes</u>	5-3-04				
	TRANSPORTATION	<u>Russ P. Hugg</u>	3/23/04				
	WATER/WASTEWATER	<u>Russ P. Hugg</u>	3/29/04				
	HYDROLOGY	<u>Russ P. Hugg</u>	3/31/04				
	GIP AMAFCA	<u>James D. Hughes</u>	3-23-04				
CONSTR. MNGMT.		<u>James D. Hughes</u>	3/23/04	CITY ENGINEER DATE			
CONSTR. COORD.		<u>James D. Hughes</u>	5-3-04				
CITY PROJECT NO.		627481		SHEET OF			
				1 12			

SCANNED BY
MESA REPRO

PRELIMINARY PLAT
PARKWAY SUBDIVISION
UNIT 10

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
MAY 2002



EASEMENT DATA

- ① EXISTING TEMPORARY ACCESS TURNAROUND EASEMENT
FILED DECEMBER 12, 1995 IN BOOK 95-30, PAGE 1691-1695
FILED MARCH 20, 1998 IN BOOK 9807, PAGE 1359
EXISTING AGREEMENT & COVENANT FOR ROADWAY IMPROVEMENTS
FILED DECEMBER 12, 1995 IN BOOK 95-30, PAGES 8053-8061
VACATED BY THIS PLAT
- ② EXISTING TEMPORARY TURNAROUND ACCESS EASEMENTS
FILED DECEMBER 28, 1994 IN BOOK 94-34, PAGES 8736-8738
VACATED BY THIS PLAT
- ③ EXISTING PRIVATE FACILITY DRAINAGE COVENANT AND
RESERVATION OF DRAINAGE EASEMENT FILED JANUARY 11,
1994 IN BOOK 94-1, PAGE 9788-9796
VACATED BY THIS PLAT
- ④ EXISTING 20' PERMANENT SANITARY SEWER EASEMENT
12-28-94, BOOK 94-34, PAGE 8742-8744
- ⑤ EXISTING PUBLIC DRAINAGE, SANITARY SEWER & WATERLINE EASEMENT
FILED DECEMBER 12, 1995 IN BOOK 95-30, PAGES 1696-1699
FILED MARCH 20, 1998 IN BOOK 9807, PAGE 1360
EXISTING AGREEMENT & COVENANT FOR WATERLINES, SANITARY SEWER
LINES AND DRAINAGE WAY IMPROVEMENTS
FILED DECEMBER 12, 1995 IN BOOK 95-30, PAGES 8070-8075
PORTION AS SHOWN VACATED BY THIS PLAT
- ⑥ EXISTING 25' PUBLIC WATER AND SANITARY SEWER EASEMENT
08-02-96, 96C-343
- ⑦ EXISTING 20' PUBLIC WATERLINE EASEMENT
08-02-96, 96C-343
- ⑧ EXISTING TEMPORARY DRAINAGE EASEMENT
FILED DECEMBER 28, 1994 IN BOOK 94-34, PAGES 8724-8726
EXISTING AGREEMENT & COVENANT FOR TEMPORARY RETENTION POND
FILED DECEMBER 28, 1994 IN BOOK 94-34, PAGES 8727-8735
VACATED BY THIS PLAT

* DENOTES EASEMENTS OR PORTIONS OF
EASEMENTS VACATED BY THIS PLAT

(VE)

(VE)

(VE)

(VE)

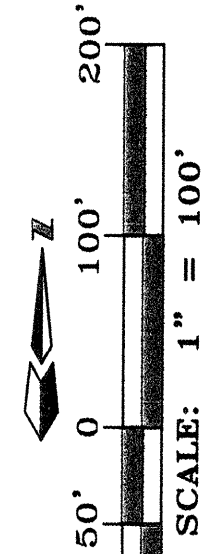
(VE)

(VE)

(VE)

(VE)

N.M.S.H.C. MONUMENT "1-40-20A"
STANDARD MUSIC BRASS TABLET
(FOUND IN PLACE)
NEW MEXICO STATE PLANE COORDINATES
X=156,889.72
Y=1,490,198.37
GROUND TO GRID FACTOR=0.9987504
DELTA ALPHA ANGLE=-016.31"



ADJOINERS

- A PARKWAY SUBDIVISION UNIT 6
(01-12-94, 94C-11)
- B PARKWAY SUBDIVISION UNIT 7
(03-9-95, 95C-82)
- C PARKWAY SUBDIVISION UNIT 8
(08-02-96, 96C-343)
- D TRACT A
PAINTED SKY SUBDIVISION UNIT 1
(08-10-01, 01C-231)
- E WARRANTY DEED
AMATECA ROW "A" & "B" PORTION
OF PARCEL "A" PARKWAY UNIT 8
(10-10-01, BK A25, PG 7928)
- F TRACTS ALLOTTED FROM THE
TOWN OF ATRISCO GRANT
(12-05-44, D-116)

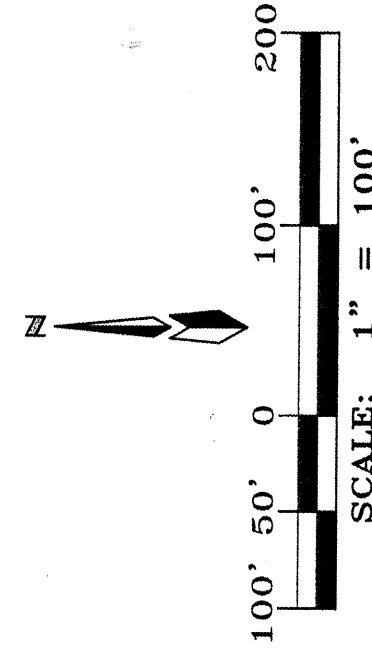


PRECISION SURVEYS, INC.
8414 D. JEFFERSON ST., N.E.
ALBUQUERQUE, NEW MEXICO 87113 FAX 505.606.5700

Dwg: A1037PSSH2.dwg Drawn: RICHARD Checked: LWM Sheet 2 of 5
Scale: 1"=100' Date: 07/03/02 Job: A01037

PRELIMINARY PLAT FOR
PARKWAY SUBDIVISION
UNIT 10

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
MAY 2002



ADJOINERS

- A PARKWAY SUBDIVISION UNIT 6
(01-12-94, 94C-11)
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(08-02-96, 96C-343)
- D TRACT A
PAINTED SKY SUBDIVISION UNIT 1
(08-10-01, 01C-231)
- E WD AMATECA ROW A & B
(10-10-01, BK A25, PG 7928)
- F TRACTS ALLOTTED FROM THE
TOWN OF ATRISCO GRANT
(12-05-44, D-116)

NOTE:
CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED
AT ALL CENTERLINE PC'S, PT'S, ANGLE POINTS AND STREET
INTERSECTIONS AS SHOWN HEREON, AND WILL CONSIST OF A FOUR
INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE",
"CENTERLINE MONUMENT", "DO NOT DISTURB", "PLS # 11993".

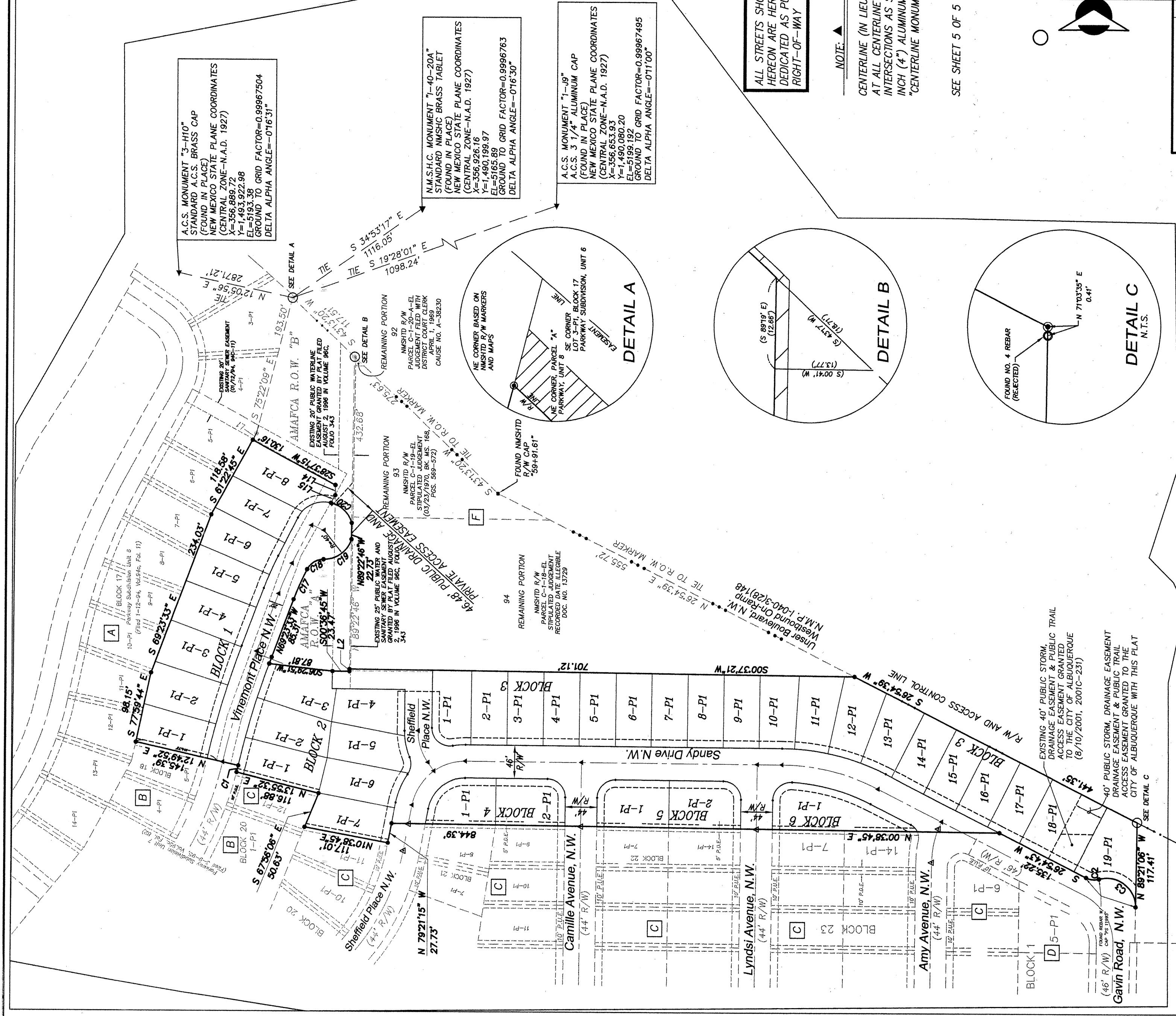
SEE SHEET 5 OF 5 FOR CURVE DATA

ALL STREETS SHOWN
HEREON ARE HEREBY
DEDICATED AS PUBLIC
RIGHT-OF-WAY



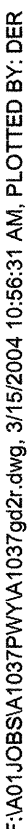
PRECISION SURVEYS, INC.
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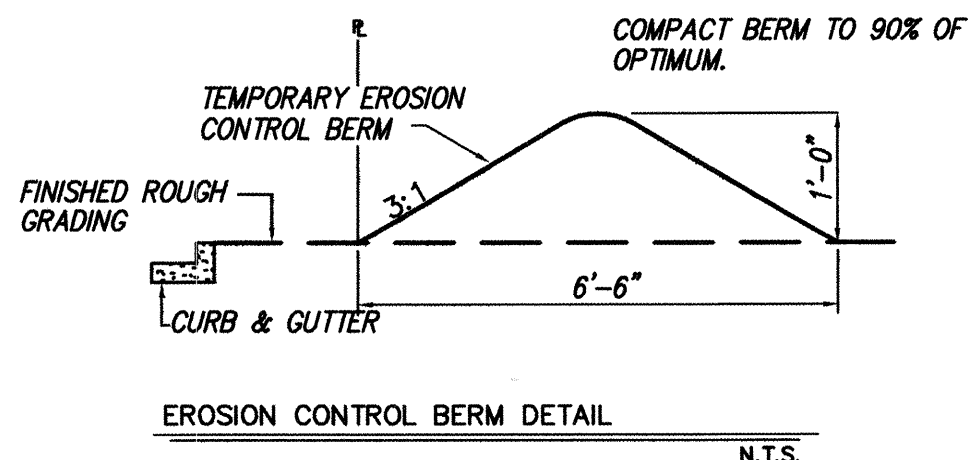
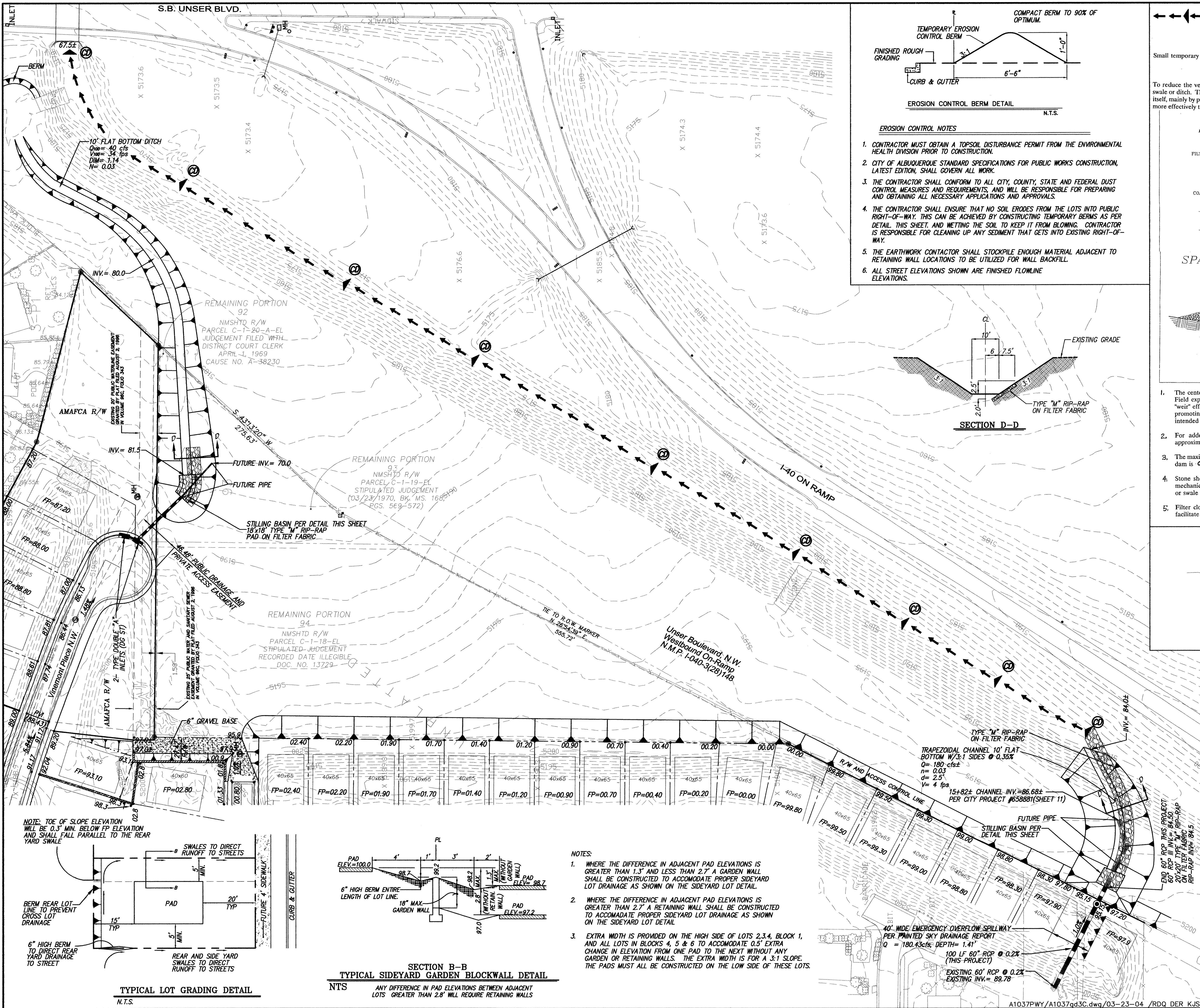
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Scale: 1"=100' Date: 07/08/04 Job: A01037



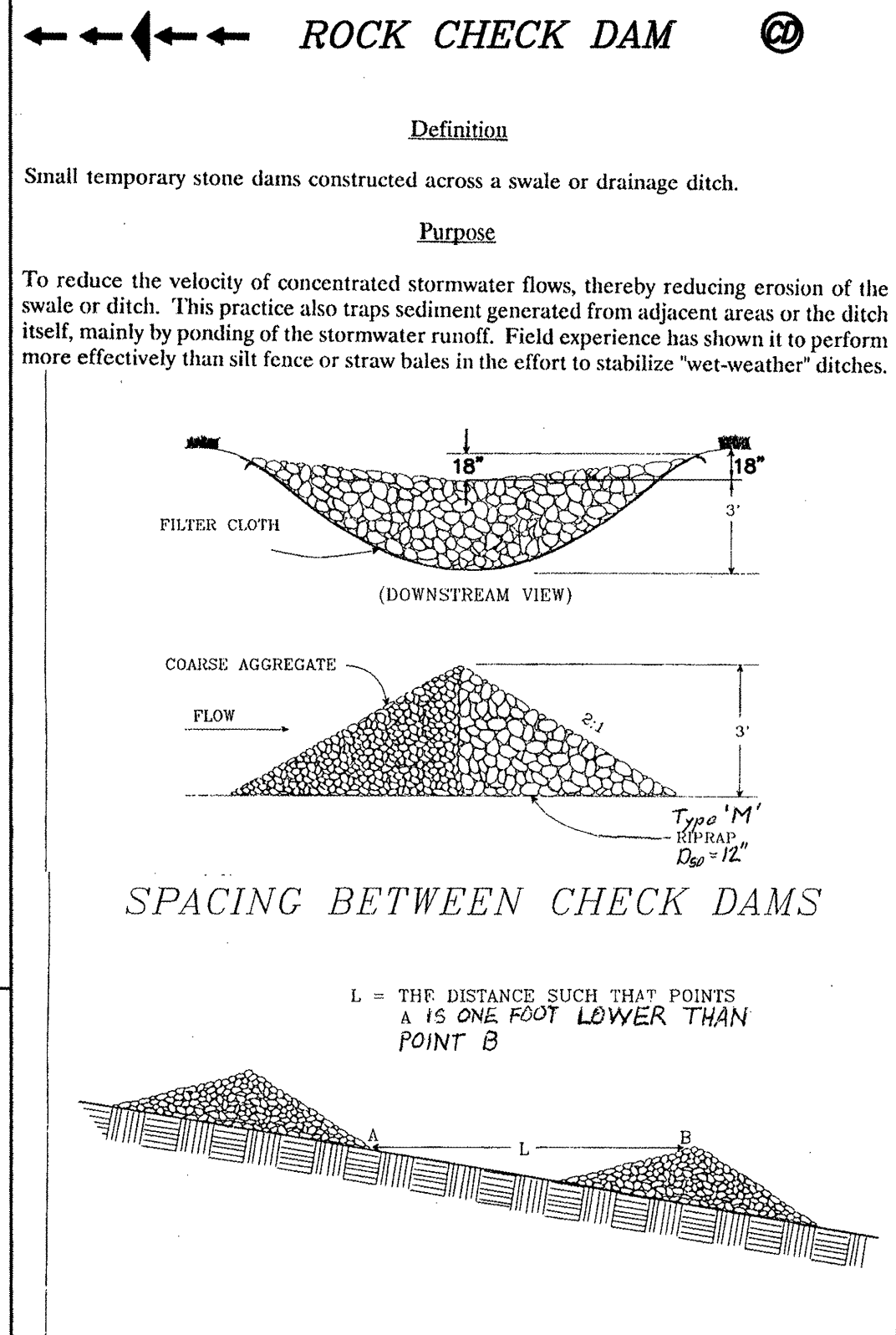
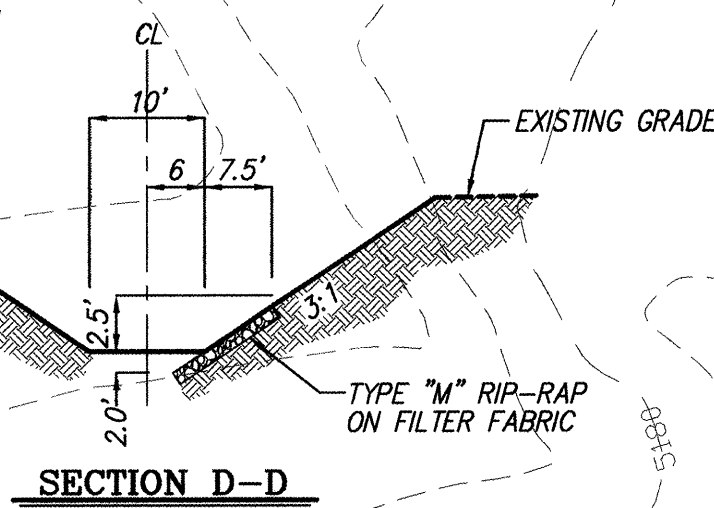
24 627481.01 0205

City Project #627481, Map J9, Sheet 2 of 2

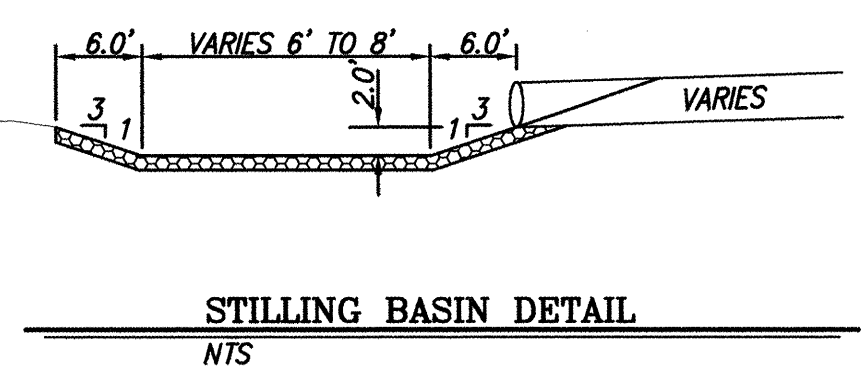




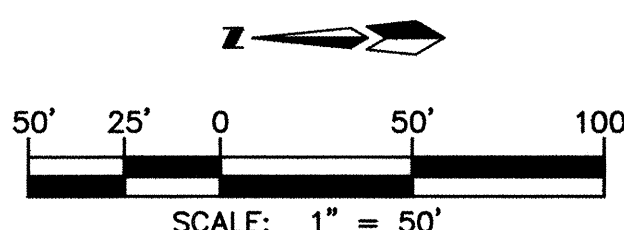
- EROSION CONTROL NOTES**
1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
 2. CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, SHALL GOVERN ALL WORK.
 3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS, AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
 4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL. THIS SHEET, AND WETTING THE SOIL TO KEEP IT FROM BLOWING. CONTRACTOR IS RESPONSIBLE FOR CLEANING UP ANY SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
 5. THE EARTHWORK CONTRACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED FOR WALL BACKFILL.
 6. ALL STREET ELEVATIONS SHOWN ARE FINISHED FLOWLINE ELEVATIONS.



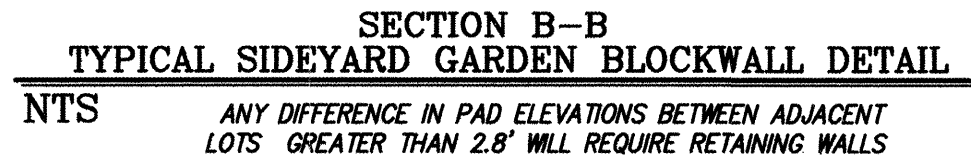
- SPACING BETWEEN CHECK DAMS**
- L = THE DISTANCE SUCH THAT POINT A IS ONE FOOT LOWER THAN POINT B
1. The center of the check dam must be at least 6 inches lower than the outer edges. Field experience has shown that many dams are not constructed to promote this "veir" effect. Stormwater flows are then forced to the stone-soil interface, thereby promoting scour at that point and subsequent failure of the structure to perform its intended function.
 2. For added stability, the base of the check dam must be keyed into the soil approximately 6 inches.
 3. The maximum spacing between the dams should be such that the toe of the upstream dam is ONE FOOT below the top of the downstream dam.
 4. Stone should be placed according to the configuration in Plate 3.20-1. Hand or mechanical placement will be necessary to achieve complete coverage of the ditch or swale and to insure that the center of the dam is lower than the edges.
 5. Filter cloth must be used under the stone to provide a stable foundation and to facilitate the removal of the stone.



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 62744.81 0505



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
TITLE: PARKWAY SUBDIVISION UNIT 10 GRADING AND DRAINAGE PLAN	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
For Information Only	
CITY PROJECT NO. 627481	ZONE MAP NO. J-9
DRB #1000570	SHEET 5 OF 12



- NOTES:**
1. WHERE THE DIFFERENCE IN ADJACENT PAD ELEVATIONS IS GREATER THAN 1.3' AND LESS THAN 2.7' A GARDEN WALL SHALL BE CONSTRUCTED TO ACCOMMODATE PROPER SIDEYARD LOT DRAINAGE AS SHOWN ON THE SIDEYARD LOT DETAIL.
 2. WHERE THE DIFFERENCE IN ADJACENT PAD ELEVATIONS IS GREATER THAN 2.7' A RETAINING WALL SHALL BE CONSTRUCTED TO ACCOMMODATE PROPER SIDEYARD LOT DRAINAGE AS SHOWN ON THE SIDEYARD LOT DETAIL.
 3. EXTRA WIDTH IS PROVIDED ON THE HIGH SIDE OF LOTS 2,3,4, BLOCK 1, AND ALL LOTS IN BLOCKS 4, 5 & 6 TO ACCOMMODATE 0.5' EXTRA CHANGE IN ELEVATION FROM ONE PAD TO THE NEXT WITHOUT ANY GARDEN OR RETAINING WALLS. THE EXTRA WIDTH IS FOR A 3:1 SLOPE. THE PADS MUST ALL BE CONSTRUCTED ON THE LOW SIDE OF THESE LOTS.

NOTES

- ALL 4' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2421 AT KNUCKLES AND 6' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 AT ALL INTERSECTIONS, EXCEPT 16' VALLEY GUTTERS PER ALBUQUERQUE STANDARD DRAWING 2422.
- TRANSITION FROM ROLL CURB TO STANDARD CURB SHALL BE PER CITY OF ALBUQUERQUE DRAWING 2418, UNLESS OTHERWISE SPECIFIED.
- ALL HANDICAP RAMPS TO BE CASE 1 PER CITY OF ALBUQUERQUE STANDARD DRAWING 2441, UNLESS OTHERWISE INDICATED. WHERE GRADES DO NOT PERMIT A MAXIMUM SLOPE OF 12:1 TO BE MAINTAINED WITHIN THE 7' LENGTH AS SPECIFIED, THEN THE 7' LENGTH AS SHOWN IN DRAWING 2441 SHALL BE INCREASED TO MAINTAIN A SLOPE < 12:1.
- TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50' AND TRANSITION SECTIONS FROM FULL TO HALF CROWN TO BE A MINIMUM OF 25', PER CITY OF ALBUQUERQUE STANDARD DRAWING 2401.
- ALL PROPOSED SIDEWALKS ARE PER CITY OF ALBUQUERQUE STANDARD DETAIL #2430.
- SOIL NOT HAVING A MINIMUM R-VALUE OF 50 WILL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH A SUITABLE MATERIAL OR PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCOMADATING THE EXISTING R-VALUE PER COA STANDARD SPECIFICATIONS.

A.C. SURFACE COURSE
1 1/2" MIN-TYPE C,
(SECTION 116, 336)
PLACED AFTER ALL MANHOLE,
VALVE COVERS/RINGS ARE
SET TO GRADE.

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

TACK COAT AS REQUIRED
BY THE ENGINEER.
A.C. PAVEMENT COURSE
1 1/2" MIN-TYPE C,
(SECTION 116,336)

12" SUBGRADE PREP
R-VALUE >50, 95% MIN.
COMPACTION PER
SECTION 301.

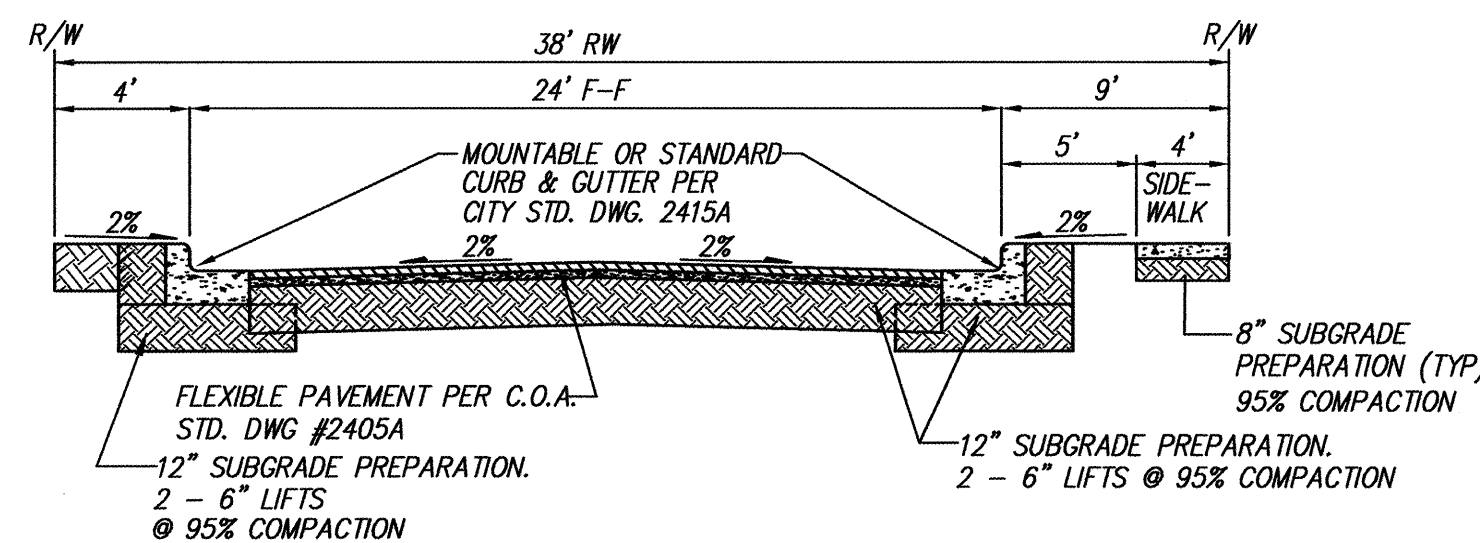
SEE SECTIONS 202, 204, AND
301 FOR CUT, FILL, AND
SUBGRADE CONSTRUCTION
REQUIREMENTS.

FLEXIBLE PAVEMENT SECTION (2405A)

N.T.S.

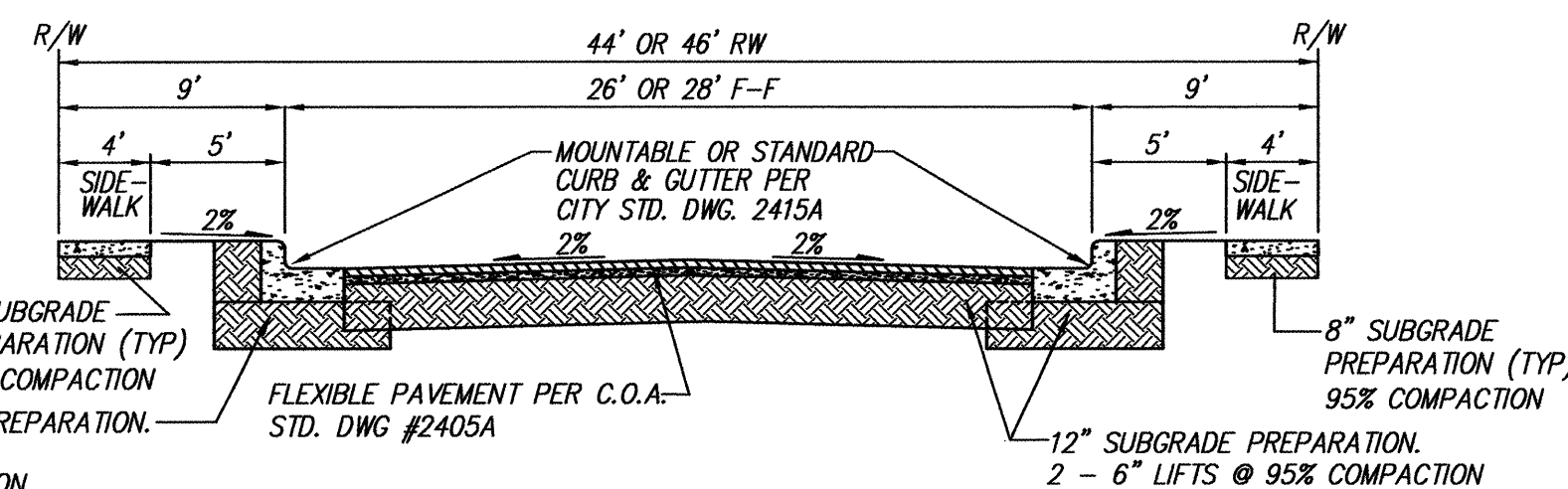
LEGEND

- | | |
|-----------------------------|--------------------------|
| NEW RETAINING WALL | EXISTING WOOD FENCE |
| NEW MOUNTABLE CURB & GUTTER | EXISTING BARR WIRE FENCE |
| NEW STANDARD CURB & GUTTER | EXISTING BLOCK WALL |
| NEW TRACT/LOT BOUNDARY | EXISTING LOT LINES |
| NEW RIGHT OF WAY | EXISTING CURB & GUTTER |
| NEW EASEMENTS | EXISTING SPOT ELEVATIONS |
| NEW CENTERLINE | EXISTING STREET LIGHT |
| NEW SIDEWALK | |
| NEW LOT ID | |
| NEW STREET LIGHT | |
| NEW WHEELCHAIR RAMP | |
| NEW UNIDIRECTIONAL RAMP | |



TYPICAL 38' STREET SECTION

N.T.S. (SEE NOTE 6)



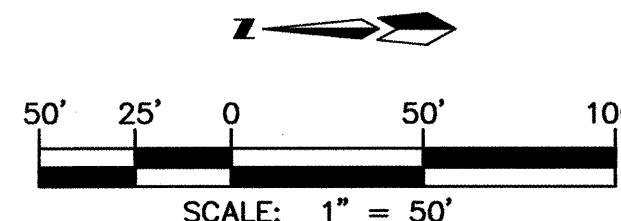
TYPICAL 44' OR 46' STREET SECTION

N.T.S. (SEE NOTE 6)

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, James D. Hughes, NMPE 11674, of the firm, Mark Goodwin & Associates, P.A., 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 Russ Hugg, NMPS number 9760.

James D. Hughes 5-20-05
James D. Hughes NMPE 11674

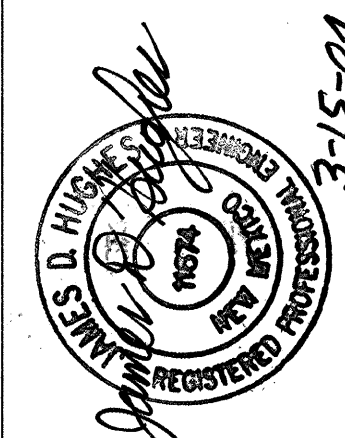


dmg MARK GOODWIN & ASSOCIATES, P.A.
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

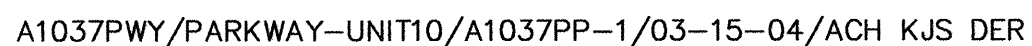
TITLE: PARKWAY SUBDIVISION UNIT 10
MASTER PAVING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	DATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAY - 3 2004 DESIGN REVIEW COMMITTEE	APPROVED MAY - 7 2004 CITY ENGINEER			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF	
627481	J-9	6	12	



3-15-04

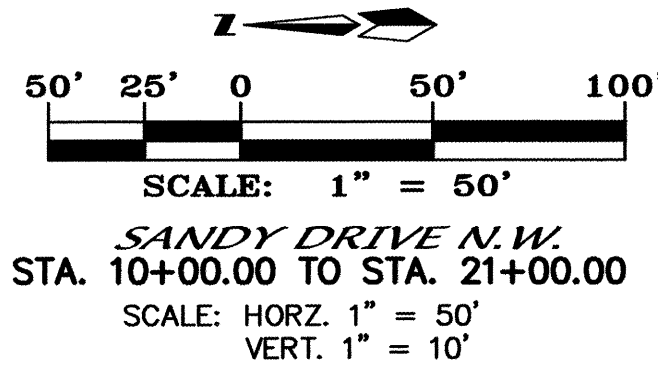
NO.	DATE	REVISIONS	BY
		DESIGN	JDH
	05/02		
		DRAWN	RDQ
	05/02		
		CHECKED	DMG
	05/02		



I, James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, PA, 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 Russ Hugg, NMPS number 9750. /

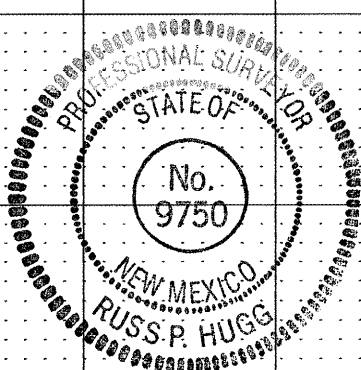
James D. Hughes NMPE 11674

Existing Valley
Gutter Removed
and Replaced
This Project



I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750,
Hereby Certify that the as-built information shown hereon is the
result of an actual field survey performed by me or under my
direct supervision and that the same is true and correct to the
best of my knowledge and belief.

Russ P. Hugg



1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA – DESCRIBES CENTERLINE

① $\Delta = 79^{\circ}45'21''$ $R = 75.00'$ $L = 104.40'$ $T = 62.66'$	② $\Delta = 26^{\circ}30'37''$ $R = 300.00'$ $L = 138.81'$ $T = 70.67'$
--	---

CURVE DATA – DESCRIBES FACE OF CURB

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	6	2	7	4	.	8	1	0	7	0	5			

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: ***PARKWAY SUBDIVISION - UNIT 10
SANDY DRIVE N.W.
PAVING IMPROVEMENTS***

DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		LAST DESIGN UPDATE	
APPROVE		APPROVE		MO./DAY/YR.	MO./DAY/YR.
MAY - 3 2004		MAY - 7 2004			
DESIGN REVIEW COMMITTEE		CITY ENGINEER			

CITY PROJECT NO.

ZONE MAP NO.

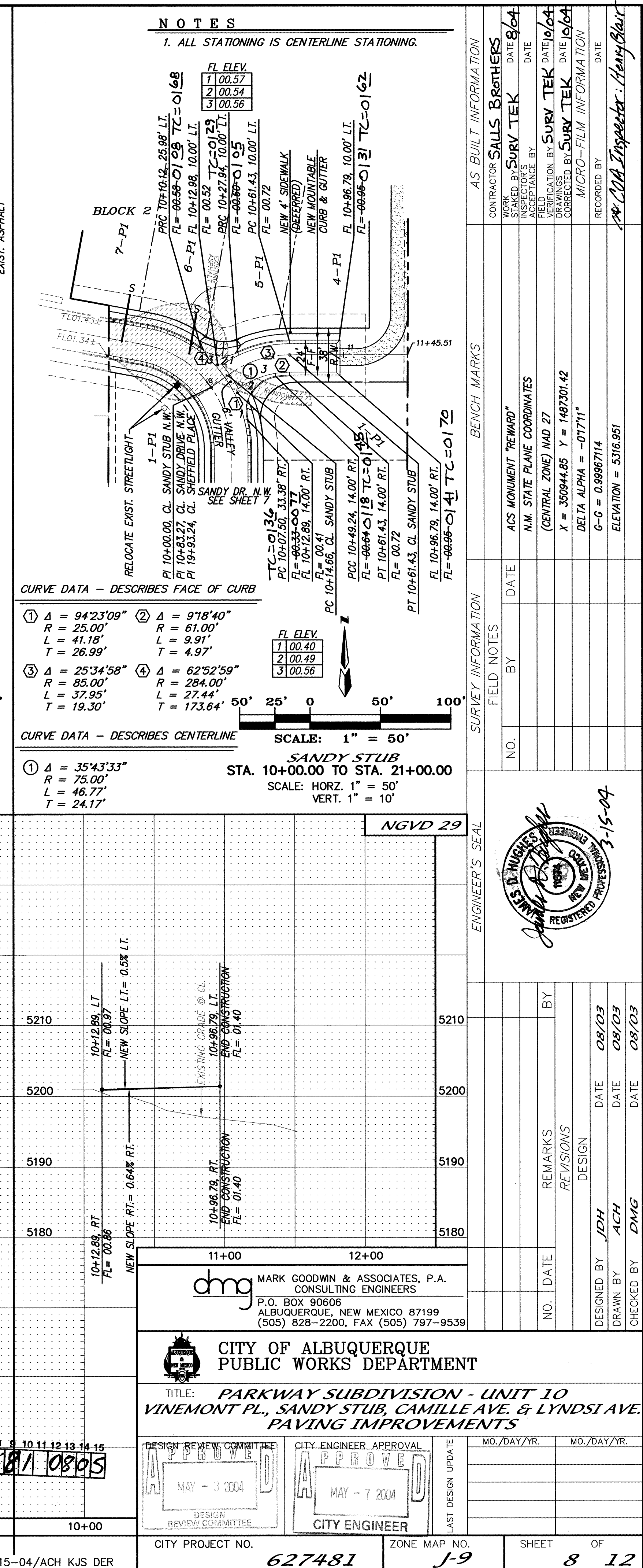
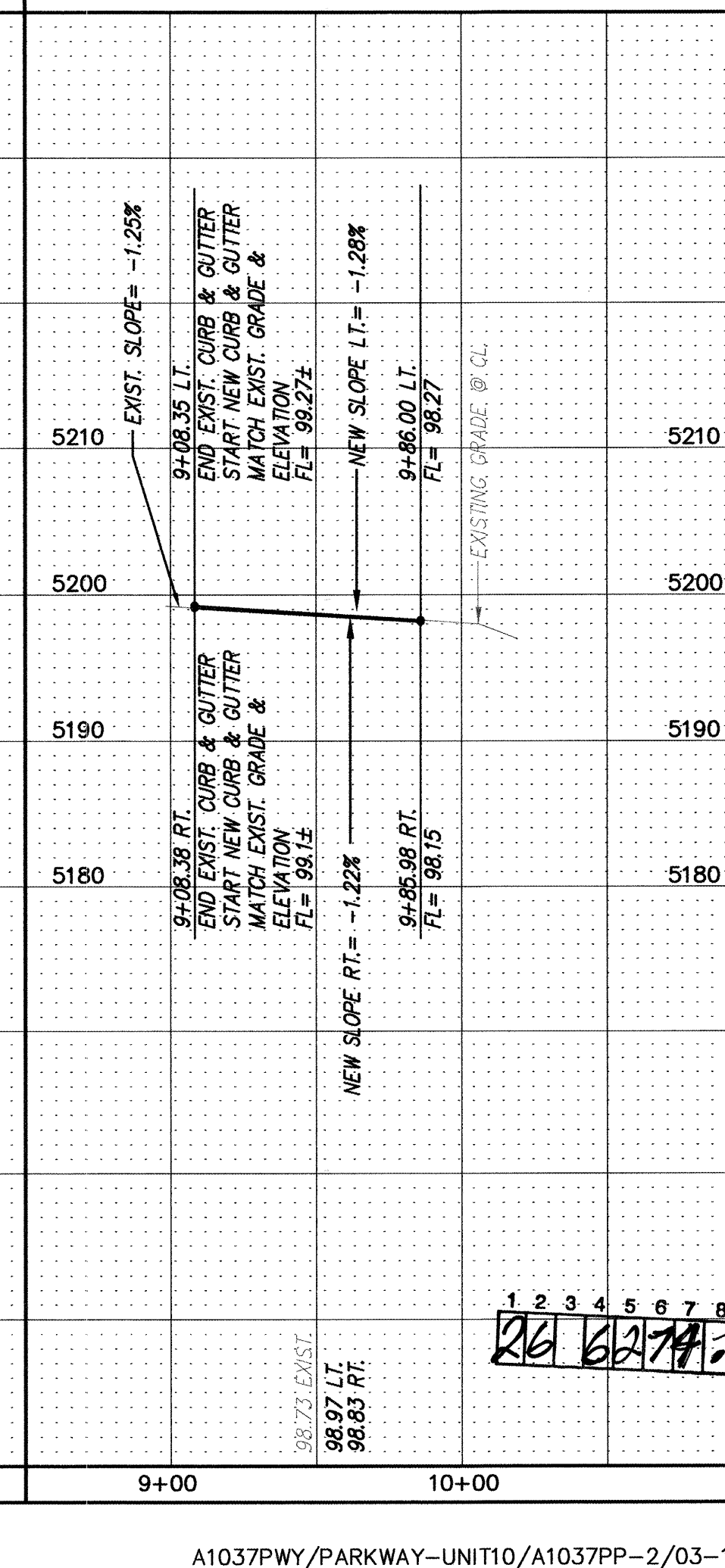
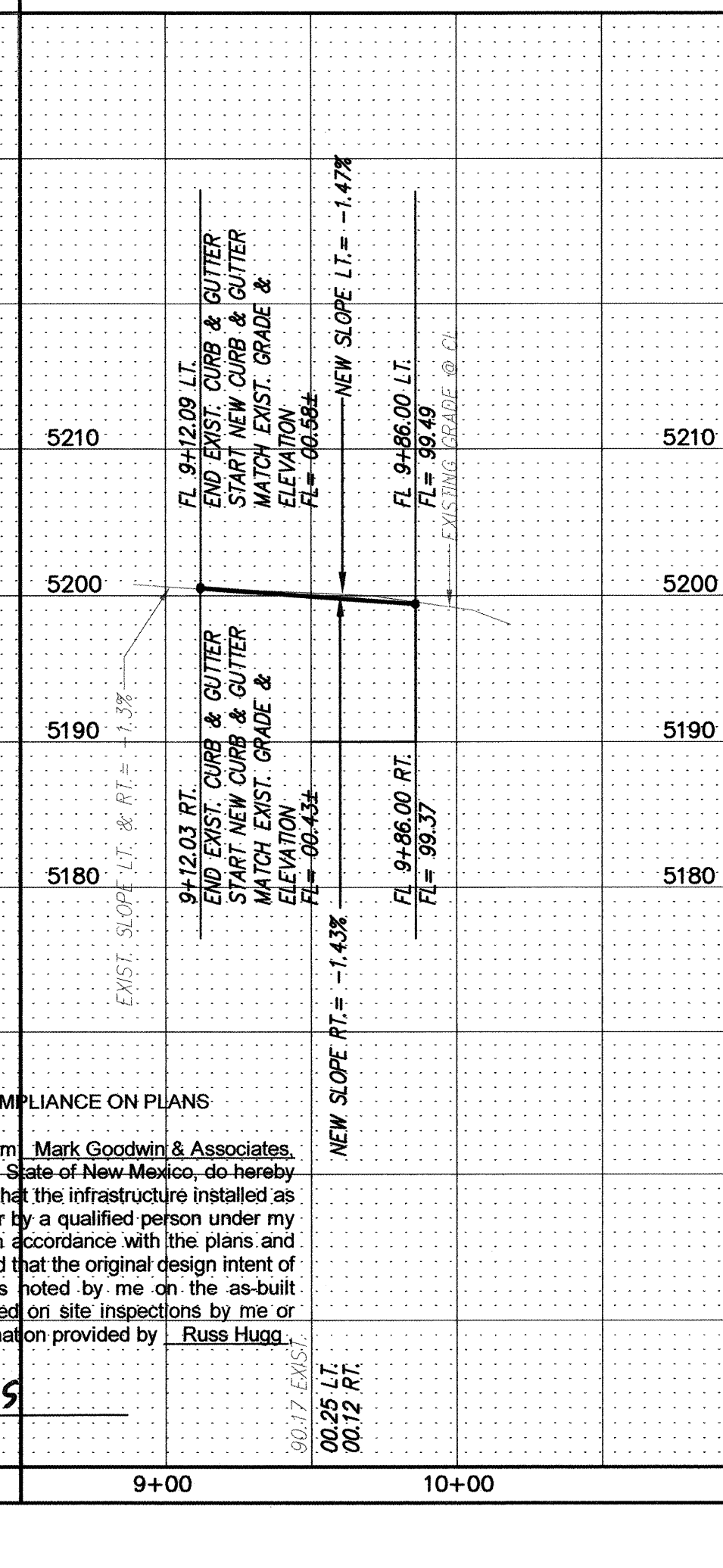
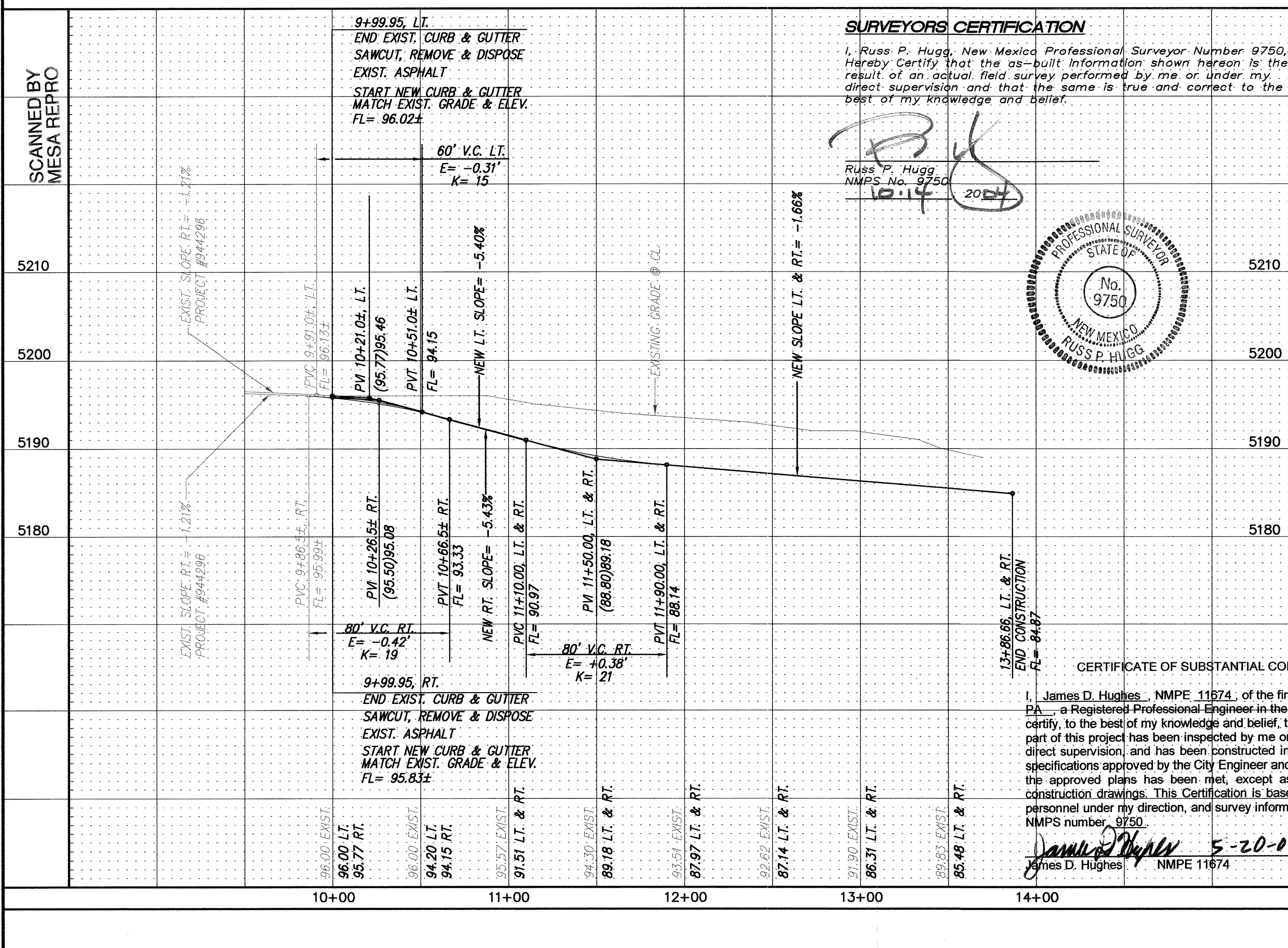
SHEET OF

627481

J-9

12

7 12



SCANNED BY
MESA REPRO

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, P.A., 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 Russ Hugg, NMPS number 9750.

James D. Hughes 5-22-05
James D. Hughes NMPE 11674

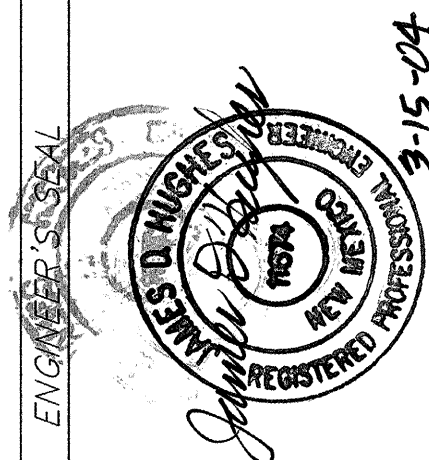
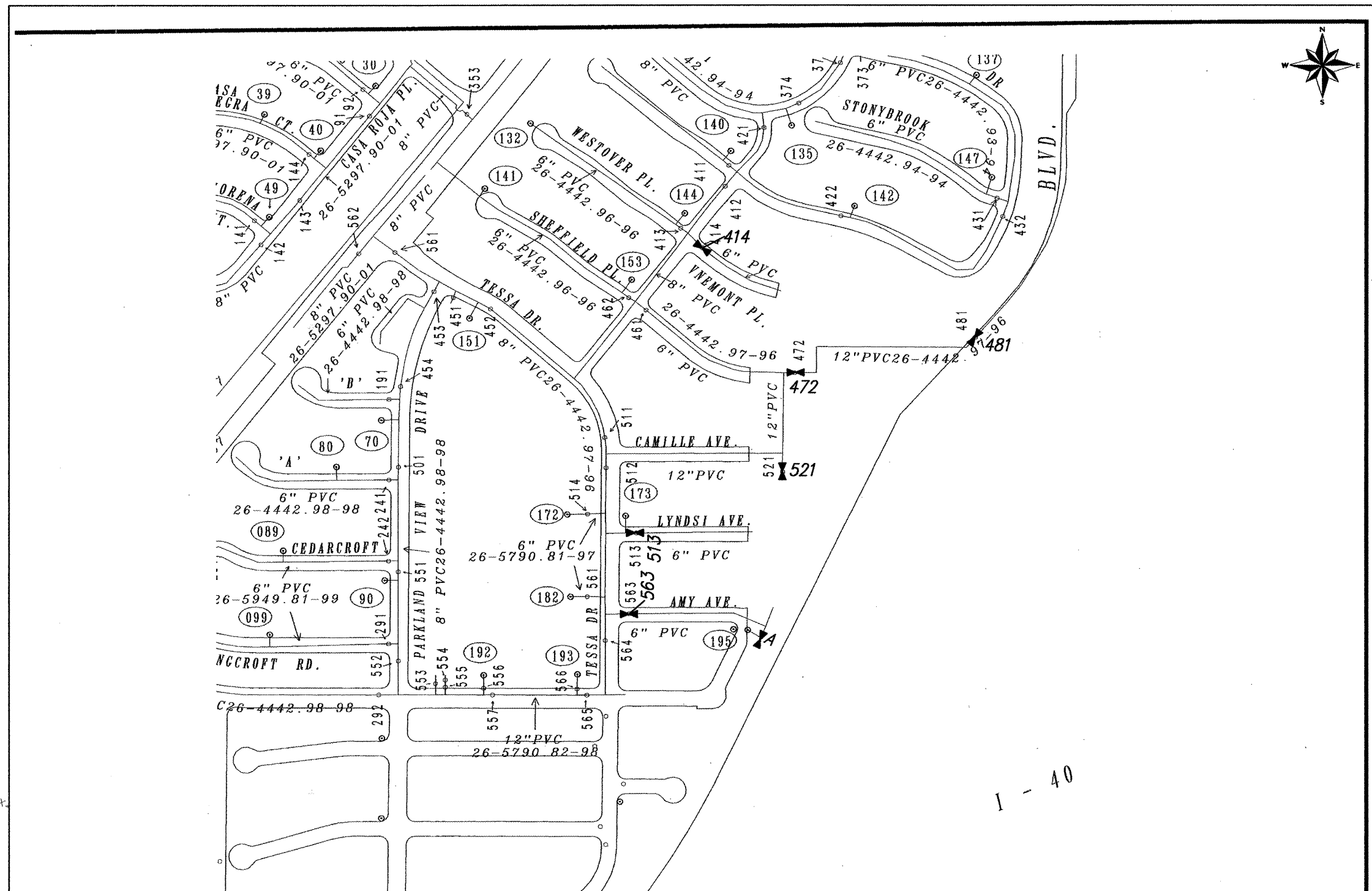
LEGEND

- NEW RETAINING WALL
- NEW MOUNTABLE CURB & GUTTER
- NEW STANDARD CURB & GUTTER
- NEW TRACT/LOT BOUNDARY
- NEW RIGHT OF WAY
- NEW EASEMENTS
- NEW WATERLINE
- NEW STORM DRAIN LINE
- NEW SANITARY SEWER
- NEW CENTERLINE
- NEW SIDEWALK
- NEW FIRE HYDRANT
- NEW MH
- NEW LOT ID
- NEW GATE VALVE
- NEW TEE
- NEW BEND
- NEW LIGHT POLE
- NEW ADDRESS

- EXISTING WOOD FENCE
- EXISTING BARB WIRE FENCE
- EXISTING BLOCK WALL
- EXISTING SAS MANHOLE
- EXISTING LOT LINES
- EXISTING SAS LINES
- EXISTING WATERLINES
- EXISTING CURB & GUTTER
- EXISTING LIGHT POLE

WATER SHUT-OFF PLAN

1. THE 6" LINE IN SANDY DR. AND LYNDSI AVE WILL HAVE 3 NON-PRESSURE CONNECTIONS BY CLOSING 4 VALVES: 521 AND 513 AND VALVE "A" AND 563. THE 6" LINE IN VINEMONT WILL HAVE 3 NON-PRESSURE CONNECTIONS BY CLOSING 3 VALVES: 414, 472 AND 481.
2. CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200 7 DAYS PRIOR TO NECESSARY SHUT-OFF.
3. VALVES SHALL ONLY BE OPERATED BY CITY WATER EMPLOYEES.



26 62741.81 0905

dmg MARK GOODWIN & ASSOCIATES, P.A.
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P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **PARKWAY SUBDIVISION UNIT 10**
MASTER UTILITY PLAN

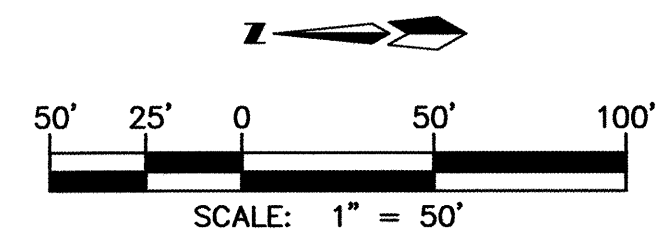
DESIGN REVIEW COMMITTEE
APPROVED
MAY - 3 2004

CITY ENGINEER APPROVAL
APPROVED
MAY - 7 2004
CITY ENGINEER

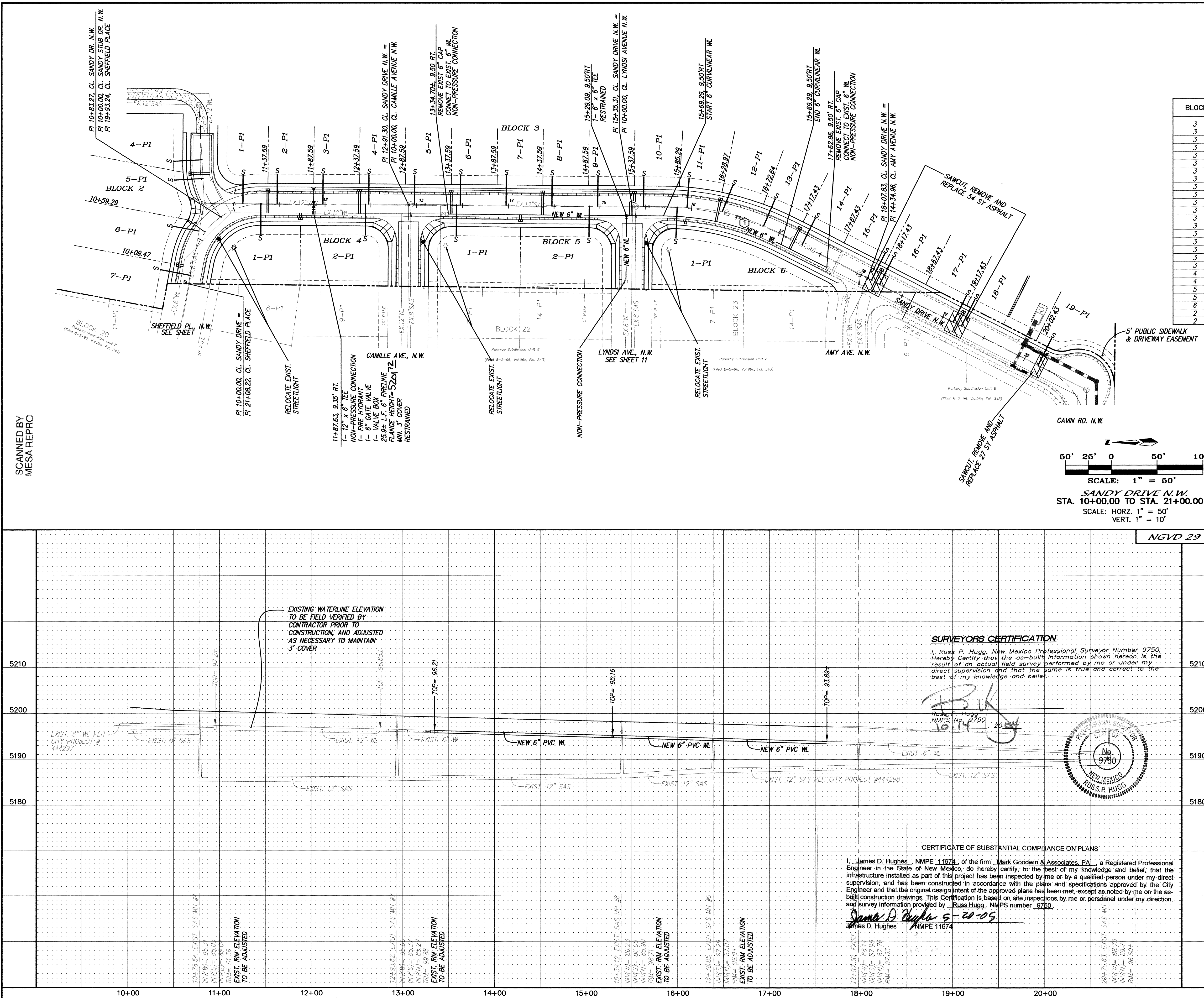
LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. **627481** ZONE MAP NO. **J-9** SHEET **9** OF **12**

AFD PLANS CHECKING OFFICE
824-2611
APPROVED
HYDROLOGIST ONLY
R.C. 3-17-04
SIGNATURE DATE



A1037PWY//A1037M-UT/03-15-04/RDQ DER ACH KJS



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	RISER	LENGTH AT PUE
3	1	11+16.76	95.2	8'	30.74'
3	2	11+47.59	95.1	8'	32.44'
3	3	11+97.59	94.8	8'	32.34'
3	4	12+47.59	94.5	7'	32.24'
3	5	12+97.59	94.3	7'	32.14'
3	6	13+47.59	94.1	7'	32.24'
3	7	13+97.59	93.8	6'	32.24'
3	8	14+47.59	93.6	6'	32.34'
3	9	14+97.59	93.3	6'	32.44'
3	10	15+47.59	93.1	5'	32.44'
3	11	15+94.30	92.8	4'	32.14'
3	12	16+38.94	92.6	3'	31.04'
3	13	16+81.65	92.4	-	32.14'
3	14	17+27.43	92.2	-	32.54'
3	15	18+12.43	91.7	-	32.44'
3	16	18+22.44	91.6	-	32.44'
3	17	19+12.43	91.4	-	32.54'
3	18	19+22.43	90.9	-	32.54'
3	19	20+16.27	90.5	-	32.64'
4	1	11+30.04	95.1	9'	32.54'
4	2	12+44.30	94.6	8'	33.84'
5	1	13+43.34	94.1	7'	33.84'
5	2	14+88.30	93.3	6'	33.74'
6	1	15+84.80	92.9	4'	33.74'
2	6	10+48.60	95.6	FLAT WYE	28.74'
2	7	10+09.47	95.8	FLAT WYE	33.84'

CURVE DATA - DESCRIBES FACE OF NEW CURB

① $\Delta = 2678'26"$
 $R = 290.50'$
 $L = 133.38'$
 $T = 67.89'$

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
12"x12"x6"	5'	1'
6"x6"x6"	10'	2'

SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

Russ P. Hugg
N.M.P.S. No. 9750
3-17-04

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, P.A., 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 Russ Hugg, NMPS number 9750.

James D. Hughes
NMPE 11674
3-15-04

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT

TITLE: **PARKWAY SUBDIVISION - UNIT 10 SANDY DRIVE N.W. UTILITY IMPROVEMENTS**

DESIGN REVIEW COMMITTEE
APPROVED
MAY - 3 2004

CITY ENGINEER APPROVAL
APPROVED
MAY - 7 2004

LAST DESIGN UPDATE
MO./DAY/YR.
MO./DAY/YR.

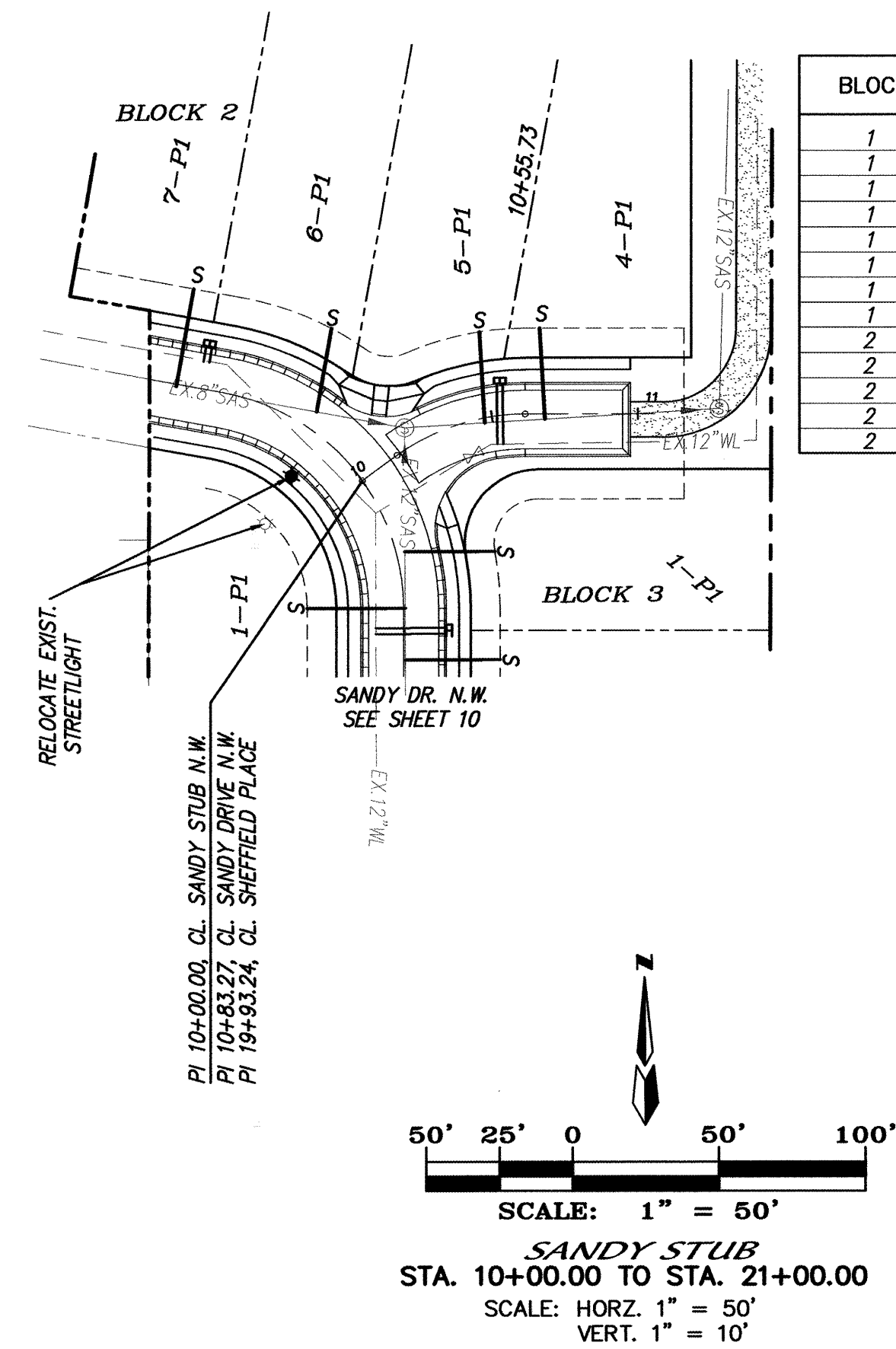
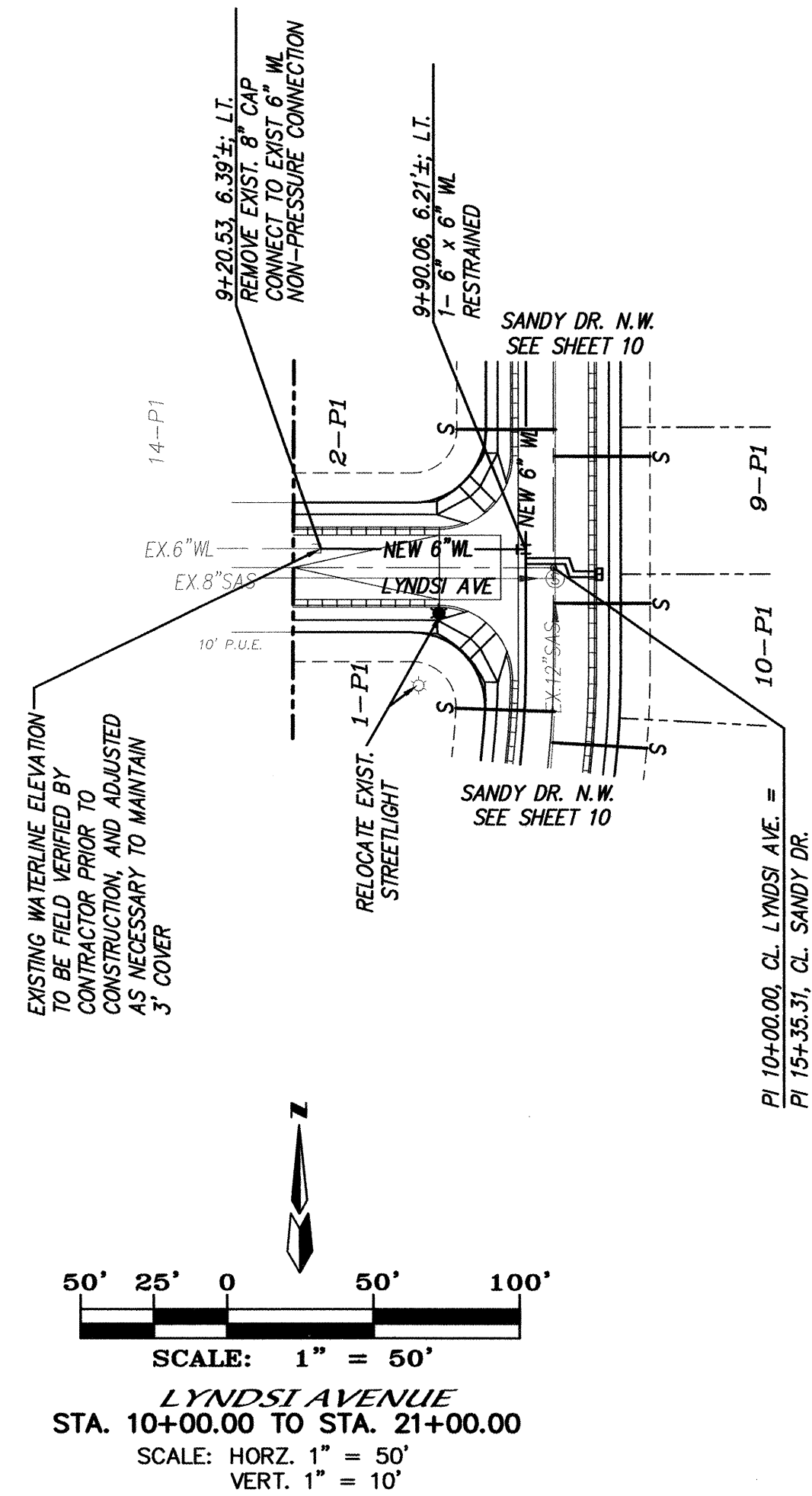
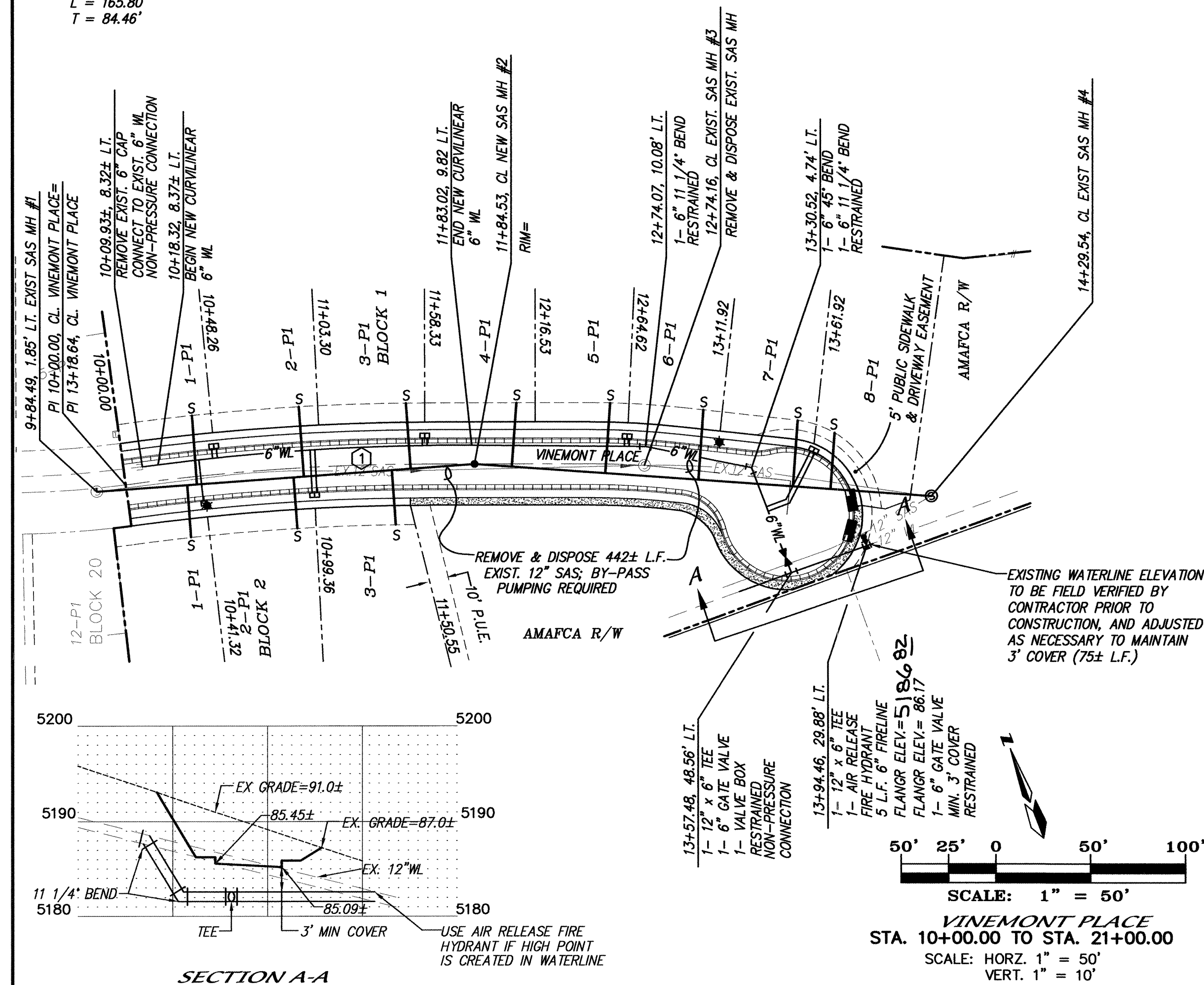
CITY PROJECT NO. **627481**

ZONE MAP NO. **J-9**

SHEET **10** OF **12**

SCANNED BY
MESA REPRO

$$\begin{aligned} \Delta &= 07^{\circ}59'08'' \\ R &= 1210.00' \\ L &= 165.80' \\ T &= 84.46' \end{aligned}$$



1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES					
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	RISER	LENGTH AT PUE
1	1	10+38.52	89.7	—	36.3ft
1	2	10+93.56	86.8	—	36.7ft
1	3	11+48.60	84.2	—	34.5ft
1	4	12+06.53	82.2	—	33.4ft
1	5	12+55.32	82.0	—	36.8ft
1	6	13+01.82	81.2	—	36.6ft
1	7	13+51.92	80.4	—	34.7ft
1	8	13+71.98	80.1	—	29.7ft
2	1	10+31.21	89.9	—	27.8ft
2	2	10+89.08	87.0	—	27.2ft
2	3	11+42.47	84.4	—	29.0ft
2	4	10+66.31	95.7	9'	30.8ft
2	5	10+50.10	95.6	9'	30.9ft

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	—	7'	—	2'	—

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

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
12"x12"x6"	5'	1'
6"x6"x6"	10'	2'

[illegible]

TS

SURVEY INFORMATION

ENGINEER'S SEAL

[illegible]

UNIT 10	
AVE. & LYNDSEY AVE.	
MENTS	
MO./DAY/YR.	MO./DAY/YR.

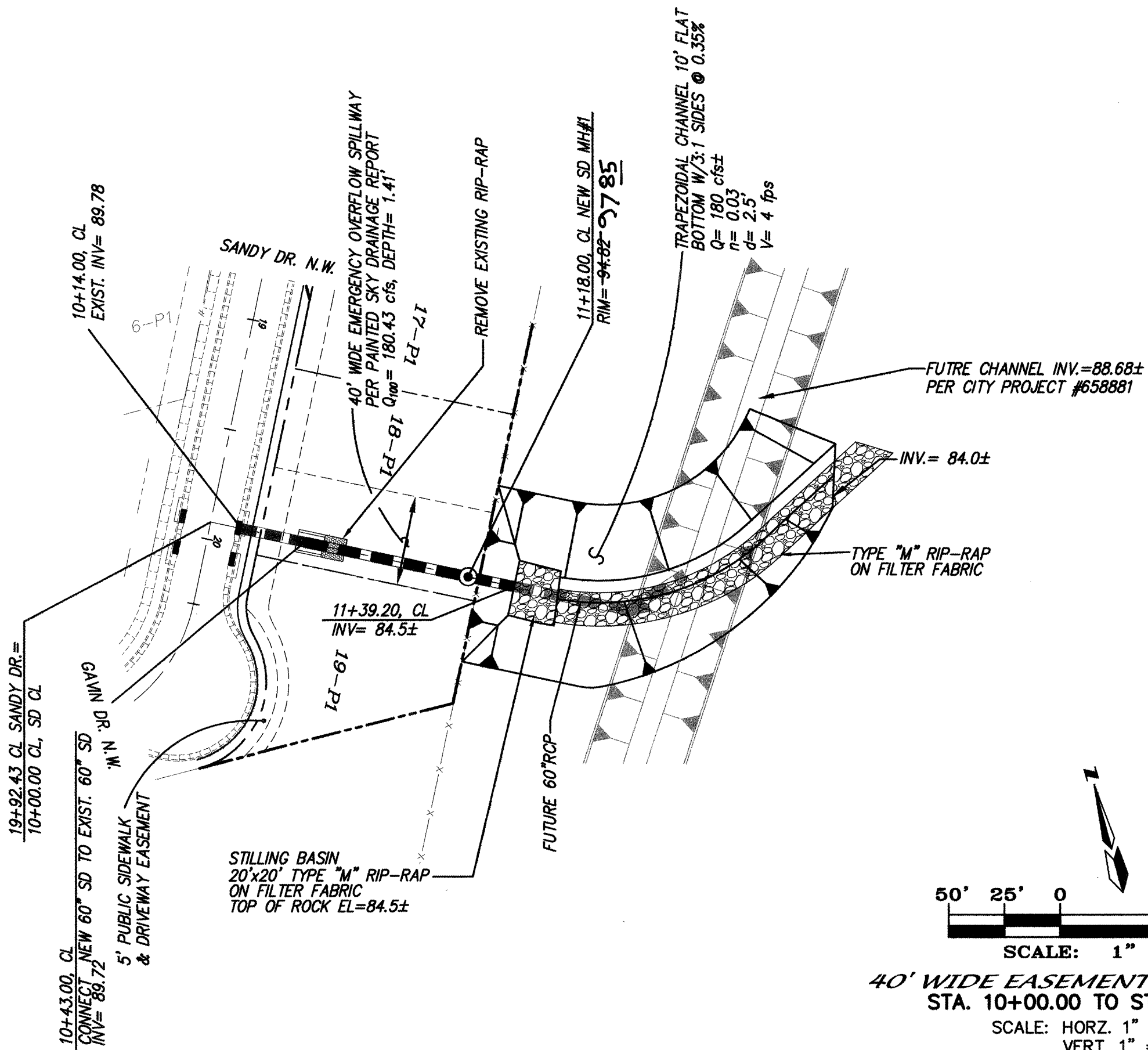
	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT														
TITLE:	<i>PARKWAY SUBDIVISION - UNIT 10</i> <i>VINEMONT PL., SANDY STUB, CAMILLE AVE. & LYNDSEI AVE.</i> <i>UTILITY IMPROVEMENTS</i>														
DESIGN REVIEW COMMITTEE APPROVED MAY - 3 2004 DESIGN REVIEW COMMITTEE	CITY ENGINEER - APPROVAL APPROVED MAY - 7 2004 CITY ENGINEER														
LAST DESIGN UPDATE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">MO./DAY/YR.</th> <th style="width: 50%;">MO./DAY/YR.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	MO./DAY/YR.	MO./DAY/YR.													
MO./DAY/YR.	MO./DAY/YR.														

CITY PROJECT NO. 627481	ZONE MAP NO. 1-9	SHEET OF 11 12
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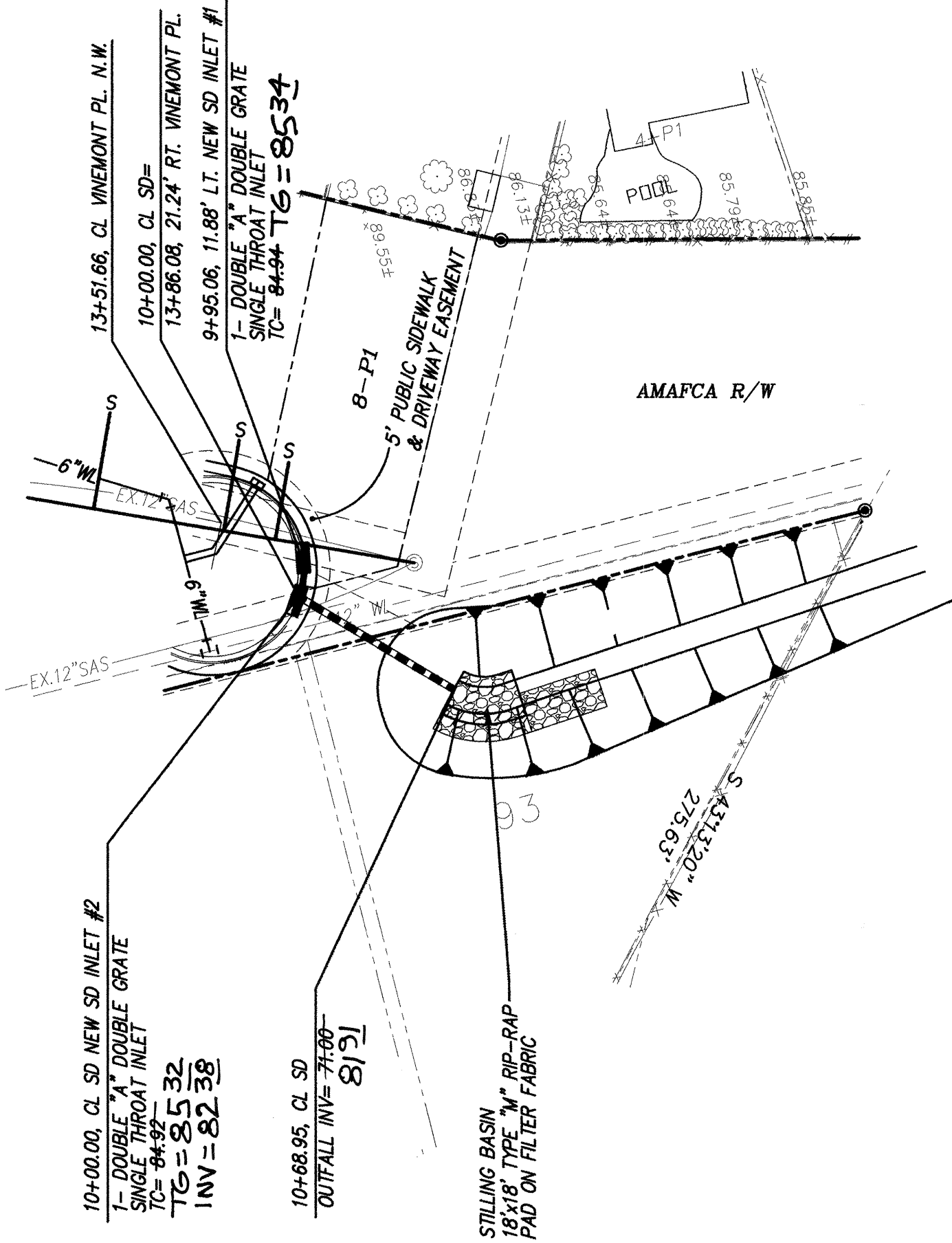
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A1037PWY/PARKWAY-UNIT10/A1037PP-2/03-15-04/ACH KJS DER

SCANNED BY
MESA REPRO



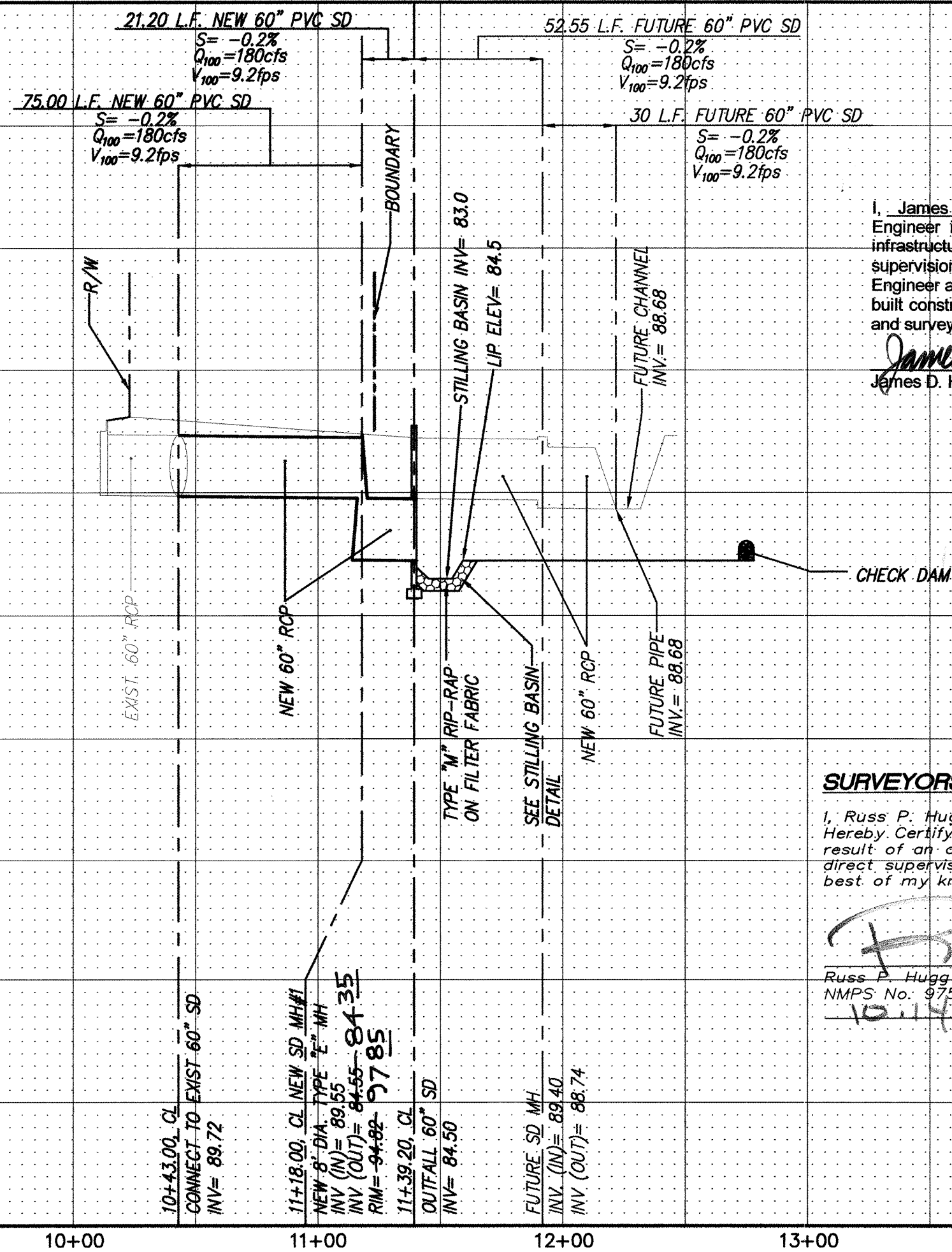
40' WIDE EASEMENT (SANDY DR.)
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



VINEMONT PLACE
STA. 9+94.91 TO STA. 10+67.88
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

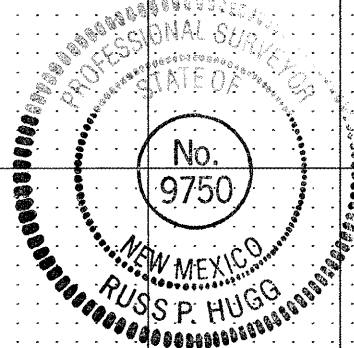
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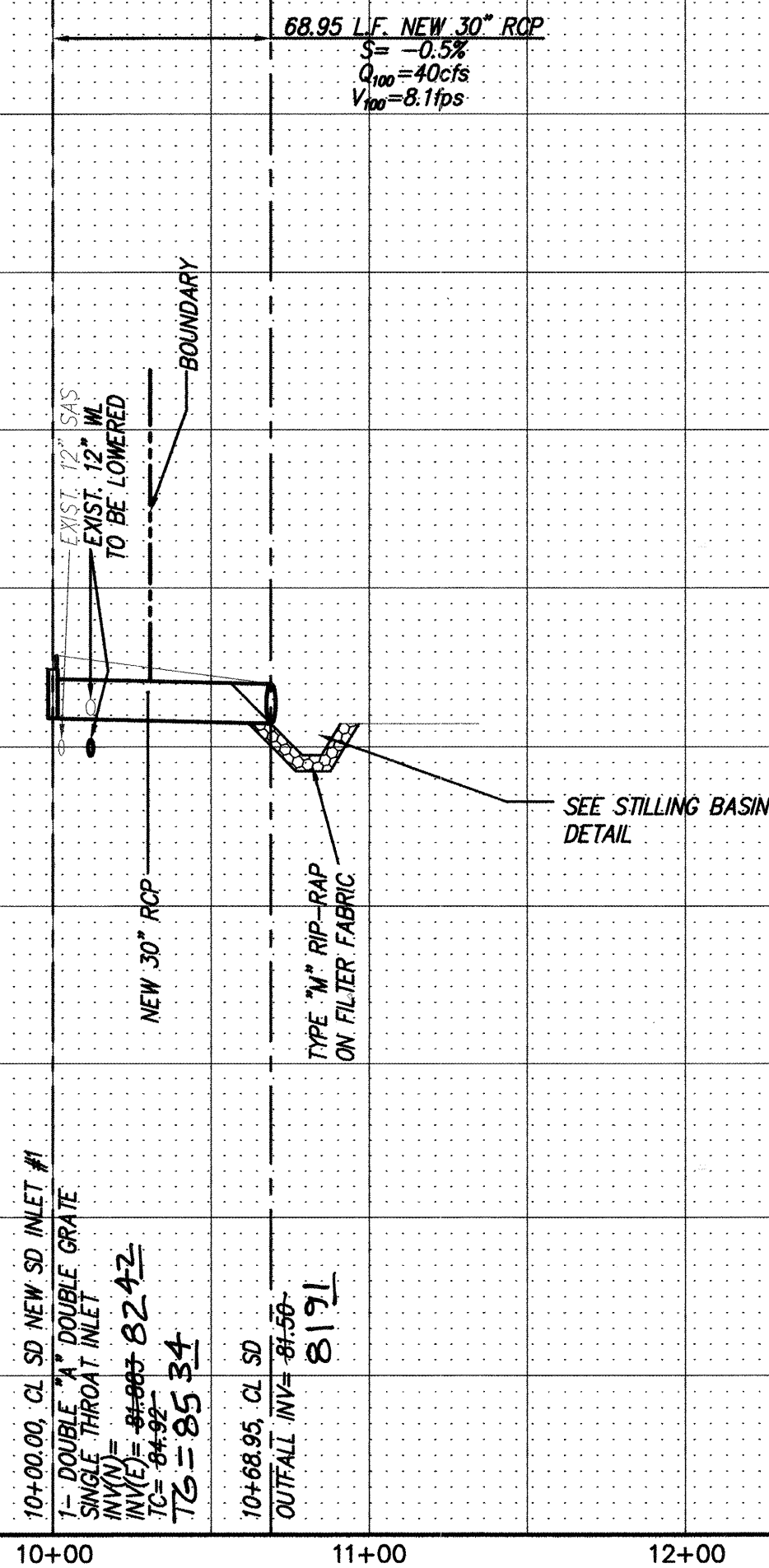
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Russ P. Hugg
NMPS No. 9750
10/17/2004



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James D. Hughes 5-20-05
James D. Hughes NMPE 11674



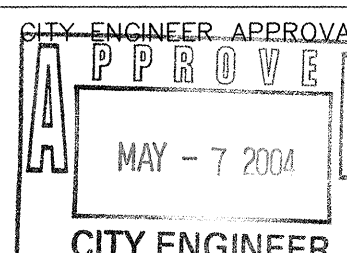
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6274.81 V205

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: PARKWAY SUBDIVISION- UNIT 10
SANDY DR. EASEMENT & VINEMONT PL
STORMDRAIN IMPROVEMENTS



LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.

ZONE MAP NO.

SHEET OF

A1037PW/A1037SD/03-23-04 KJS DER

627481

J-9

12 12