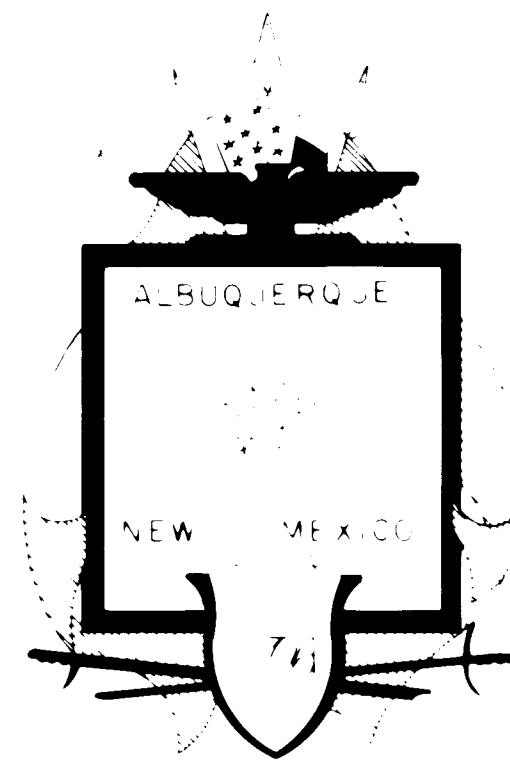
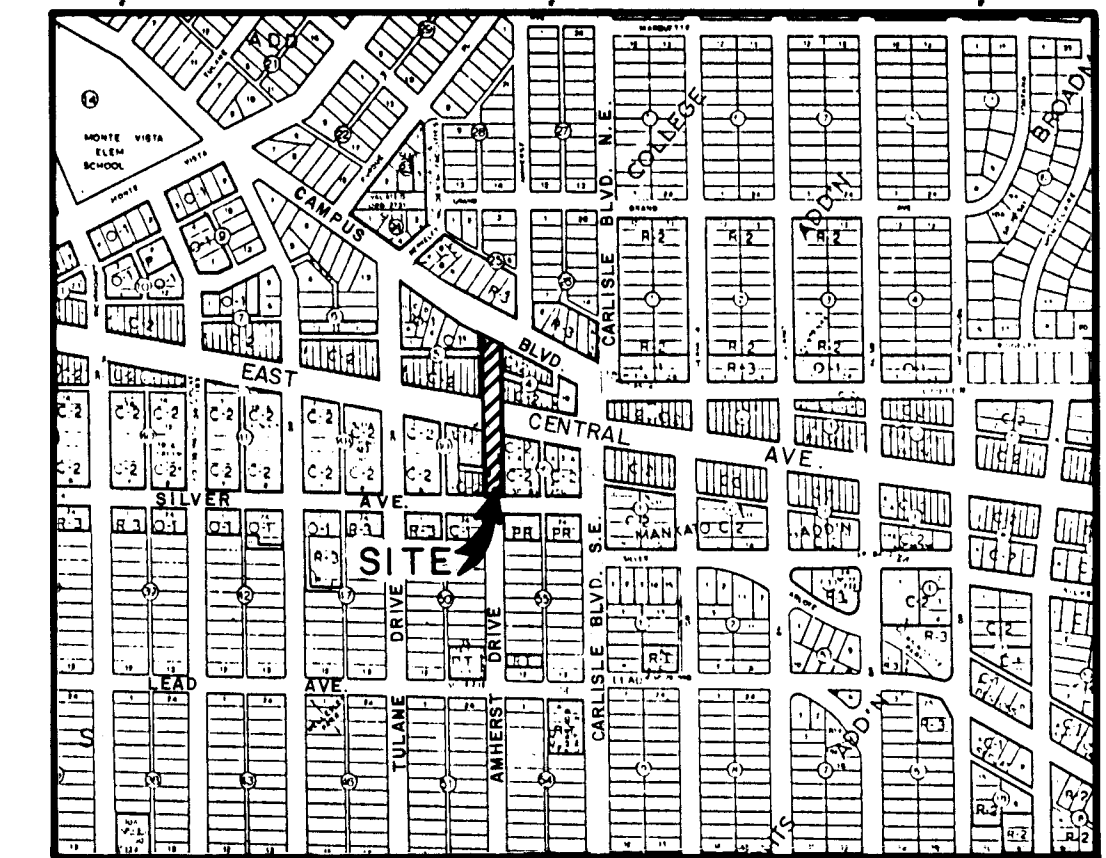




CITY OF ALBUQUERQUE, NEW MEXICO

AMHERST STREET IMPROVEMENTS



VICINITY MAP
SCALE: 1" = 800' K-16-Z

LEGEND

1. TITLE SHEET
2. GENERAL NOTES
3. SITE PLAN
4. STREET DEVELOPMENT PLAN
5. PLANTER / ISLAND AREA GEOMETRY
6. LANDSCAPING PLAN
7. IRRIGATION PLAN
8. DETAIL SHEET



CONSULTING ENGINEERS • PLANNERS • SURVEYORS

2400 COMANCHE ROAD, NE • ALBUQUERQUE, NM 87107
TELEPHONE (505) 884-0696

1 2 3 4 5 6 7 8 9 10 11 12
20 37890190

RECORD DRAWING

Date: 1-90

APPROVAL OF AS BUILT DRAWINGS.
CHIEF CONSTRUCTION ENGINEER
[Signature]
DATE 4-21-90

REV	SHEETS	CITY ENGR	DATE	USER DEPT.	DATE	USER DEPT.	DATE

APPROVAL OF REVISIONS

	FRED DENNEY & ASSOCIATES INC. CONSULTING ENGINEERS PLANNERS SURVEYORS 2400 COMANCHE RD. N.E., ALBUQ. N.M. 87107 (505) 884-0696	APPROVED FOR CONSTRUCTION <i>[Signature]</i> 3/5/90 C.E.
	DRAWING NO. 3789	SHEET 1 OF 8

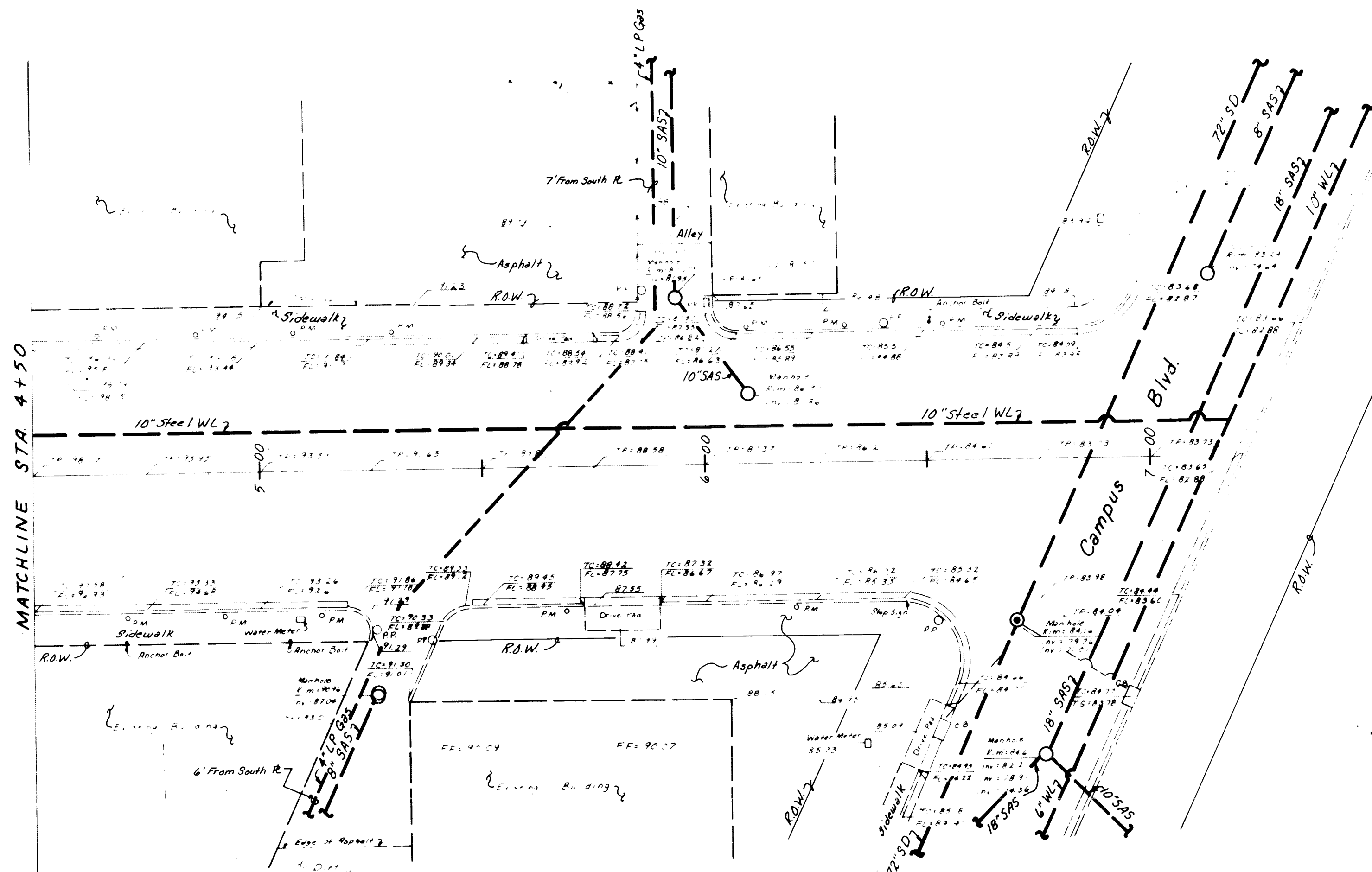
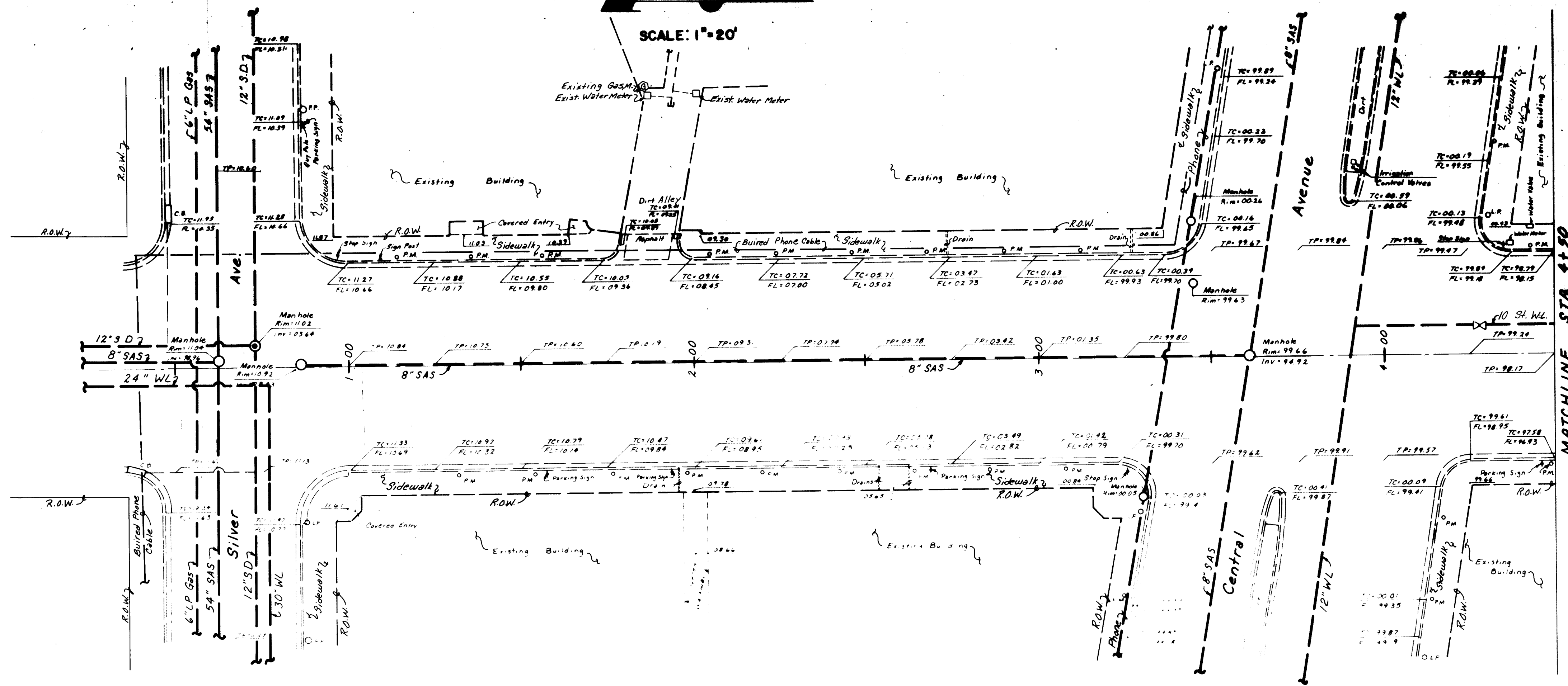
(CONTINUED)

- | | | | | ENGINEER'S SEAL | | SURVEY INFORMATION | | BENCH MARKS | | AS BUILT INFORMATION | | | |
|-------------|--|---------|--|---|--|------------------------|----|-------------|--|----------------------|--|--|--|
| | | | |  | | FIELD NOTES | | | | | | | |
| | | | | | | NO. | BY | DATE | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| NO. DATE | | REMARKS | | BY | | | | | | | | | |
| REVISIONS | | | | | | | | | | | | | |
| DESIGN | | | | | | | | | | | | | |
| DESIGNED BY | | DATE | | | | | | | | | | | |
| DRAWN BY | | DATE | | | | | | | | | | | |
| CHECKED BY | | DATE | | | | | | | | | | | |
| | | | | | | MICRO-FILM INFORMATION | | | | | | | |
| | | | | | | RECORDED BY | | | | | | | |
| | | | | | | DATE | | | | | | | |
| | | | | | | NO. | | | | | | | |

RECORD DRAWING
Date: 1-90

F.D.A. JOB NO. 983.11

SCALE: 1"=20'



LEGEND

EXISTING	PROPOSED	FUTURE

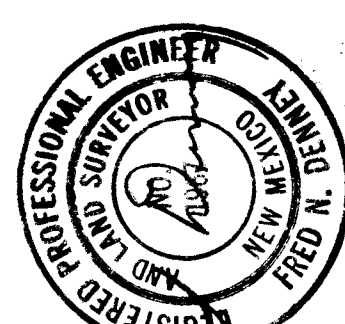
RECORD DRAWING

Date: 1-90

BENCH MARKS

SURVEY INFORMATION

ENGINEER'S SEAL



REVISIONS

NO.	DATE	REMARKS

DESIGNED BY RLB/GC DATE 4-89

CHECKED BY RLB/FND/GC DATE 4-89

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

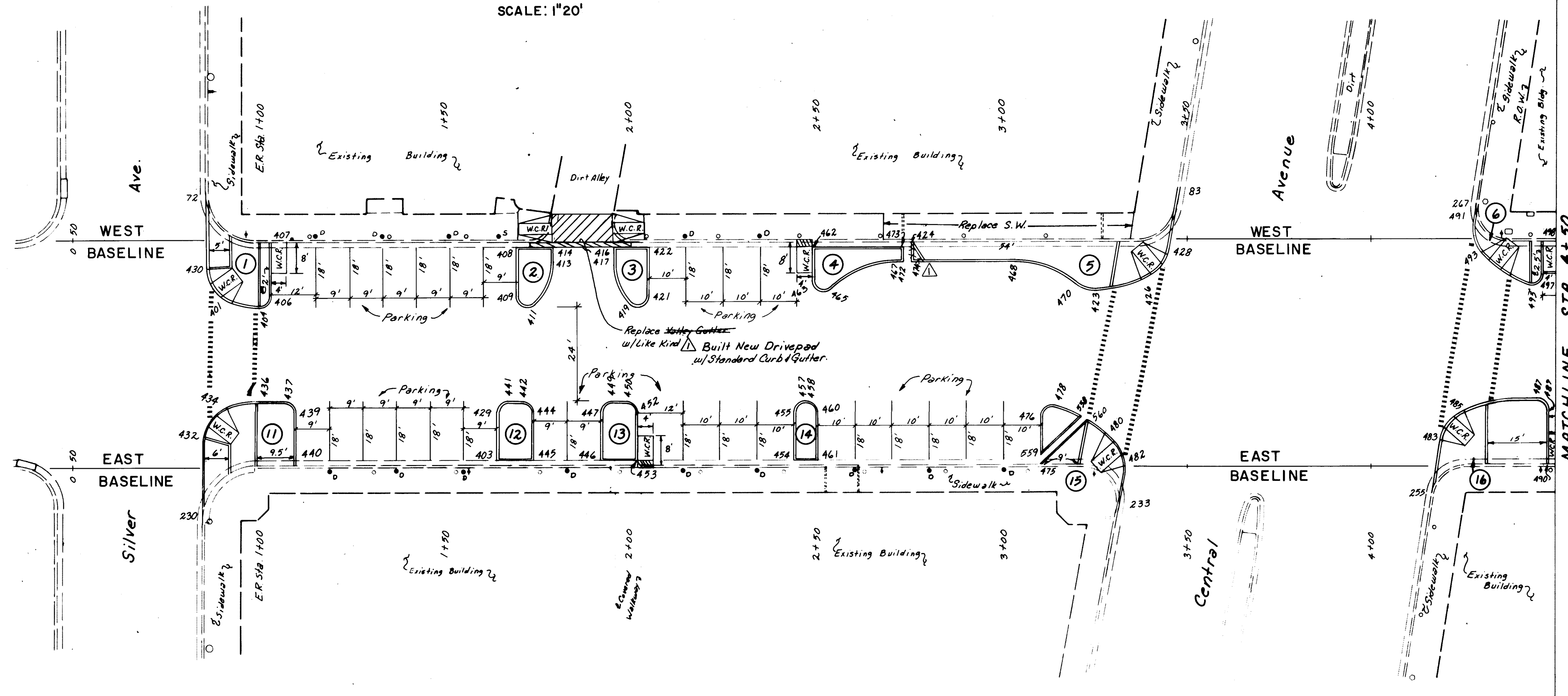
TITLE: AMHERST STREET IMPROVEMENTS

SITE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Roger L. Jones	5/24/89	Liquid Waste	PE 20	5/24/89
A.C.E. - Design	"	"	Traffic	PE 20	5/24/89
A.C.E. - Hydrology	"	"	Water	PE 20	5/24/89

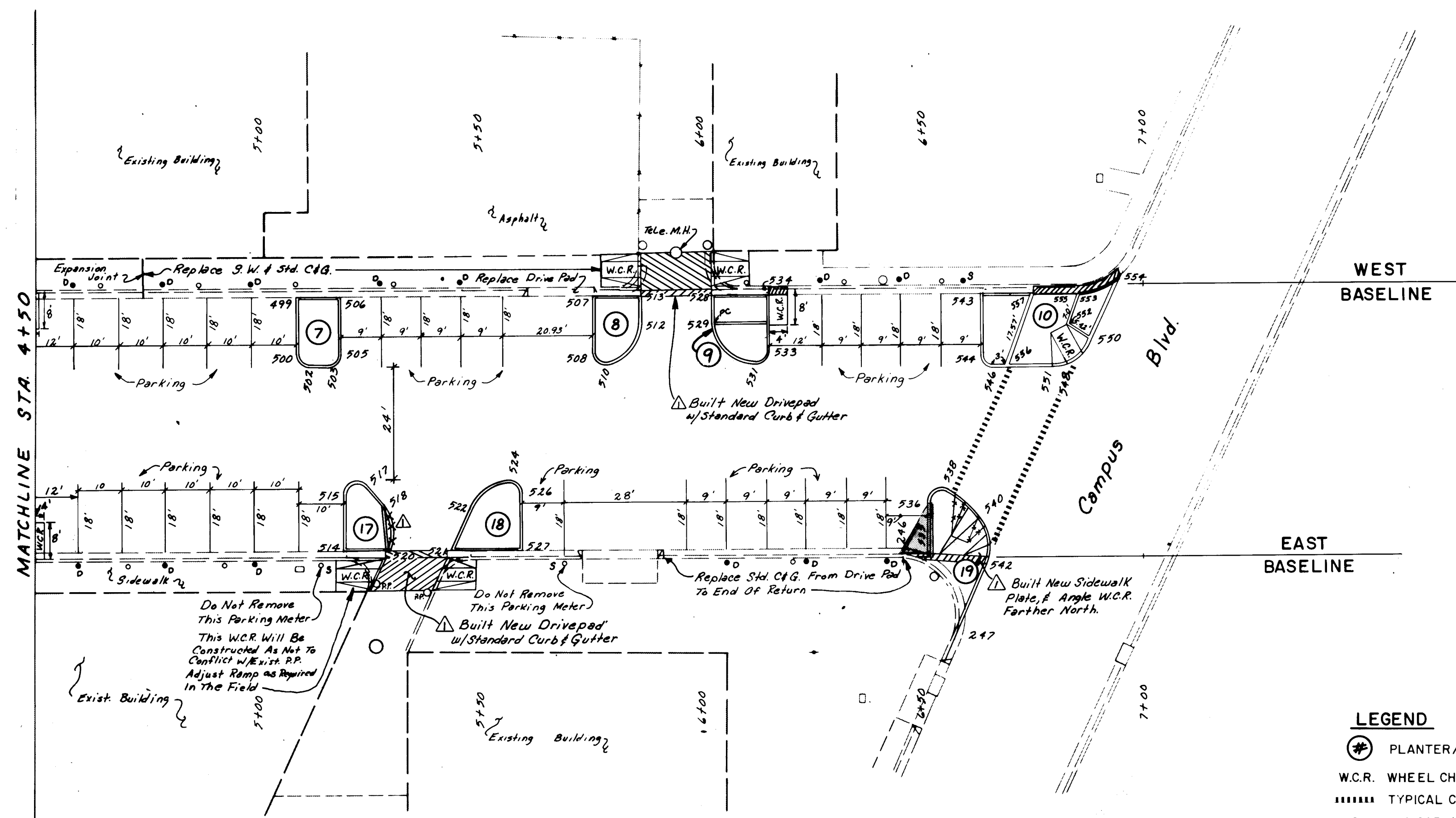
DRAWING NO.	MAP NO.	SHEET	OF
3789	K-16	3	6

SCALE: 1"=20'



NOTES:

1. THE EAST AND WEST BASELINES, ARE ALONG THE BACK OF CURB.
2. ALL NEW CURB IS PINNED TYPE II CURB AS PER DETAIL SHT.



RECORD DRAWING

Date: 1-90

LEGEND

- PLANTER/ISLAND No., FOR GEOMETRY SEE SHT. 5
- W.C.R. WHEEL CHAIR RAMP, SEE DETAIL SHT.
- TYPICAL C.O.A. CROSSWALK STRIPING. SEE DETAIL SHEET
- NEW PARKING METER, O=DOUBLE METER, S= SINGLE METER
- SHADED AREA= 2" FEATHERED ASPHALTIC CONC. OVERLAY SLOPED TO DRAIN INSTALL PRIOR TO PLACEMENT OF PINNED CURB.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
DATE	10-89	NO.	DATE	NO.	DATE		
INSPECTED BY	C.O.A.	BY	DATE	BY	DATE		
ACCEPTANCE BY	R.B.R.	NO.	DATE	NO.	DATE		
REVISIONS		NO.	DATE	NO.	DATE		
DESIGNED BY	F.D.A.	NO.	DATE	NO.	DATE		
REVISIONS		NO.	DATE	NO.	DATE		
DESIGNED BY	F.D.A.	NO.	DATE	NO.	DATE		
REVISIONS		NO.	DATE	NO.	DATE		

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: AMHERST STREET IMPROVEMENTS
STREET DEVELOPMENT PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	R. B. R.	5/24/89	Liquid Waste	R. B. R.	5/23/89
A.C.E. Design	"	"	Traffic	R. B. R.	5/24/89
A.C.E. Hydrology	"	"	Water	R. B. R.	5/23/89

DRAWING NO.	3789	MAP NO.	K-16	SHEET	4	OF	8
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F.D.A. JOB NO. 983.11

AREA	PT	BEARING	DISTANCE	DELTA	RADIUS	ARC	TANGENT	STATION	OFFSET
1	72							0+86.07	13.30' LT
	430	East	21.04'					0+86.07	7.74' RT
	401			70° 31' 45"	10.00'	12.31'	7.07'	0+92.74	17.17' RT
	404			17° 42' 55"	25.00'	7.73'	3.90'	1+00.30	18.59' RT
	406			91° 45' 20"	3.00'	4.80'	3.09'	1+03.40	15.59' RT
2	407	West	14.96'					1+03.40	0.63' RT
	408							1+69.40	2.63' RT
	409	East	12.97'					1+69.40	15.60' RT
	411			131° 48' 35"	3.00'	6.90'	6.71'	1+74.40	17.84' RT
	413			48° 11' 25"	15.00'	12.62'	6.71'	1+79.40	6.66' RT
3	414	West	4.03'					1+79.40	2.63' RT
	408	South	10.00'					1+69.40	2.63' RT
	416							1+95.73	2.63' RT
	417	East	4.50'					1+95.73	7.13' RT
	419			44° 54' 00"	15.00'	11.75'	6.20'	2+00.10	17.72' RT
4	421			135° 06' 00"	3.00'	7.07'	7.26'	2+05.23	15.60' RT
	422	West	12.97'					2+05.23	2.63' RT
	416	South	9.50'					1+95.73	2.63' RT

AREA	PT	BEARING	DISTANCE	DELTA	RADIUS	ARC	TANGENT	STATION	OFFSET
4	462							2+49.23	2.63' RT
	463	East	9.00'					2+49.23	11.63' RT
	465			134° 24' 55"	3.00'	7.04'	7.14'	2+54.33	13.77' RT
	467			44° 24' 55"	25.00'	19.38'	10.21'	2+71.83	6.63' RT
	472	North	2.00'					2+73.83	6.63' RT
5	473	West	4.00'					2+73.83	2.63' RT
	462	South	24.60'					2+49.23	2.63' RT
	424							2+75.83	0.63' RT
	474	East	6.00'					2+75.83	6.63' RT
	468	North	28.00'					3+03.83	6.63' RT
6	470			41° 00' 15"	25.00'	17.89'	9.35'	3+20.23	12.76' RT
	423			43° 31' 40"	7.50'	5.70'	2.99'	3+25.48	14.60' RT
	426			25° 00' 30"	35.00'	15.28'	7.76'	3+40.12	10.67' RT
	428			53° 07' 50"	10.00'	9.27'	5.00'	3+45.36	3.42' RT
	83	N 80° 39' 45" W	12.07'					3+47.32	8.49' LT
7	267							4+27.88	9.21' LT
	491	S 81° 14' 55" E	4.86'					4+27.14	4.41' LT
	493			53° 07' 50"	10.00'	9.27'	5.00'	4+29.88	4.11' RT
	495			23° 48' 20"	35.00'	14.54'	7.38'	4+41.89	12.12' RT
	497			111° 49' 00"	3.00'	5.85'	4.43'	4+46.00	9.34' RT
8	498	West	8.71'					4+46.00	0.63' RT

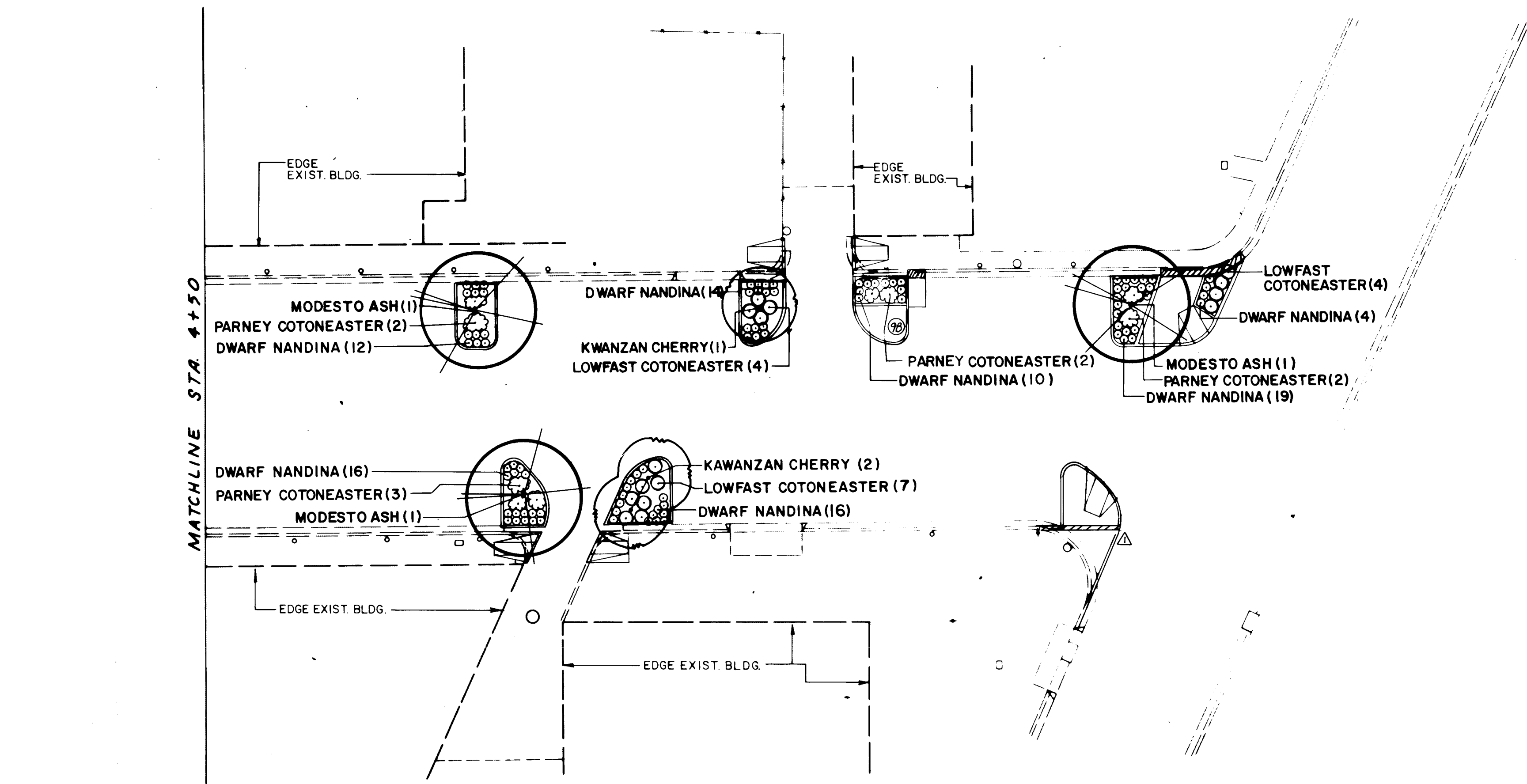
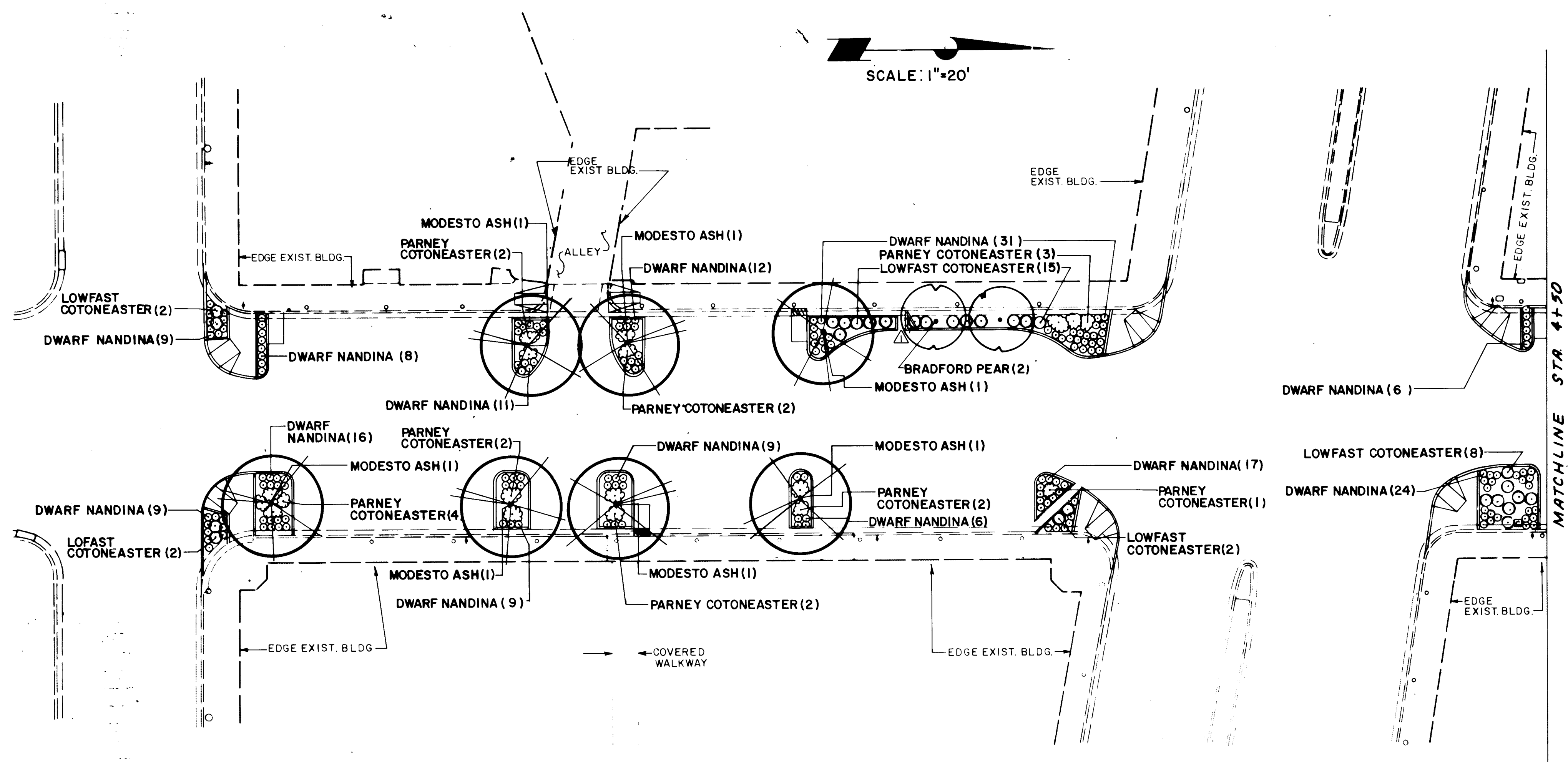
AREA	PT	BEARING	DISTANCE	DELTA	RADIUS	ARC	TANGENT	STATION	OFFSET
7	499							5+08.00	2.63' RT
	500	East	12.97'					5+08.00	15.60' RT
	502			90° 00' 00"	3.00'	4.71'	3.00'	5+11.00	18.60' RT
	503	North	4.00'					5+15.00	18.60' RT
	505			90° 00' 00"	3.00'	4.71'	3.00'	5+18.00	15.60' RT
8	506	West	12.97'					5+18.00	2.63' RT
	499	South	10.00'					5+08.00	2.63' RT
	507							5+74.93	2.63' RT
	508	East	12.97'					5+74.93	15.60' RT
	510			106° 36' 05"	3.00'	5.58'	4.02'	5+78.79	18.48' RT
9	512			73° 23' 55"	10.00'	12.81'	7.45'	5+85.93	8.89' RT
	513	West	6.26'					5+85.93	2.63' RT
	507	South	11.00'					5+74.93	2.63' RT
	528							6+01.77	2.63' RT
	529	East	5.97'					6+01.77	8.60' RT
10	531			90° 00' 00"	10.00'	15.71'	10.00'	6+11.77	18.60' RT
	533			90° 00' 00"	3.00'	4.71'	3.00'	6+14.77	15.60' RT
	534	West	12.97'					6+14.77	2.63' RT
	528	South	13.00'					6+01.77	2.63' RT

AREA	PT	BEARING	DISTANCE	DELTA	RADIUS	ARC	TANGENT	STATION	OFFSET
10	543							6+62.77	2.64' RT
	544	East	12.96'					6+62.77	15.60' RT
	546			90° 00' 00"	3.00'	4.71'	3.00'	6+65.77	18.60' RT
	551	North	11.19'					6+76.96	18.60' RT
	548			5° 14' 30"	25.00'	2.29'	1.14'	6+79.24	18.50' RT
11	550			60° 00' 00"	10.00'	10.47'	5.77'	6+87.41	12.73' RT
	554	N 65° 14' 30" W	14.72'					6+93.58	0.64' LT
	555			36° 42' 00"	16.59'	10.63'	5.50'	6+83.66	2.64' RT
	554			26° 12' 45"	16.59'	7.59'	3.86'	6+86.76	2.37' RT
	555			10° 29' 15"	16.59'	3.04'	1.52'	6+83.66	2.64' RT
12	557	South	7.53'					6+76.13	2.64' RT
	543	South	13.36'					6+62.77	2.64' RT
	552							6+83.75	8.72' RT
	556							6+68.77	18.60' RT

AREA	PT	BEARING	DISTANCE	DELTA	RADIUS	ARC	TANGENT	STATION	OFFSET
11	230							0+85.57	14.53' RT
	432	N 89° 40' 35" W	22.36'					0+85.70	7.83' LT
	434			70° 31' 45"	10.00'	12.31'	7.07'	0+92.42	17.22' LT
	436			19° 08' 55"	25.00'	8.35'	4.22'	1+00.62	18.60' LT
	437	North	6.70'					1+07.31	18.60' LT
12	439			90° 00' 00"	3.00'	4.71'	3.00'	1+10.31	15.60' LT
	440	East	14.97'					1+10.31	0.63' LT
	403							1+64.31	2.63' LT
	429	West	12.97'					1+64.31	15.60' LT
	441			90° 00' 00"	3.00'	4.71'	3.00'	1+67.31	18.60' LT
13	442	North	4.00'					1+71.31	18.60' LT
	444			90° 00' 00"	3.00'	4.71'	3.00'	1+74.31	15.60' LT
	445	East	12.97'					1+74.31	2.63' LT
	450	South	10.00'					1+64.31	2.63' LT
	446							1+92.31	2.63' LT
14	447	West	12.97'					1+92.31	15.60' LT
	449			90° 00' 00"	3.00'	4.71'	3.00'	1+95.31	18.60' LT
	450	North	4.00'					1+99.31	18.60' LT
	452			90° 00' 00"	3.00'	4.71'	3.00'	2+02.31	15.60' LT
	453	East	12.97'					2+02.31	2.63' LT
15	446	South	10.00'					1+92.31	2.63' LT

AREA	PT	BEARING	DISTANCE	DELTA	RADIUS	ARC	TANGENT	STATION	OFFSET
14	454							2+44.31	2.63' LT
	455	West	12.97'					2+44.31	15.60' LT
	457			90° 00' 00"	3.00'	4.71'	3.00'	2+47.31	18.60' LT
	458	North	0.50'					2+47.81	18.60' LT
	460			90° 00' 00"	3.00'	4.71'	3.00'	2+50.81	15.60' LT
15	461	West	12.97'					2+50.81	2.63' LT
	454	South	6.50'					2+44.31	2.63' LT
	475							3+10.81	0.63' LT
	560	N 43° 49' 25" W	18.21'					3+23.95	13.24' LT
	480			15° 05' 05"	35.00'	9.22'	4.63'	3+31.01	7.38' LT
16	482			53° 07' 50"	10.00'	9.27'	5.00'	3+33.51	1.21' RT
	233	S 79° 40' 00" E	8.81'					3+31.93	9.88' RT
	559	West	11.05'					3+10.81	3.40' LT
	476			105° 23' 05"	3.00'	5.52'	3.94'	3+10.81	14.45' LT
	478			13° 20' 00"	35.00'	8.14'	4.09'	3+14.60	17.36' LT
17	558							3+22.16	14.29' LT
	559	S 43° 49' 25" E	15.73'					3+10.81	3.40' LT
	558							3+22.16	14.29' LT
	560			3° 24' 05"	35.00'	2.08'	1.04'	3+23.95	13.24' LT
	255							4+15.98	6.89' RT
18	483	N 81° 14' 55" W	14.23'					4+18.14	7.17' LT
	485			53° 07' 50"	10.00'	9.27'	5.00'	4+23.31	14.47' LT
	---			28° 07' 05"	35.00'	17.18'	8.76'	4+39.81	18.60' LT
	487	North	4.19'					4+44.00	18.60' LT
	489			90° 00' 00"	3.00'	4.71'	3.00'	4+47.00	15.60' LT
19	490	East	14.97'					4+47.00	0.63' LT

AREA	PT	BEARING	DISTANCE	DELTA	RADIUS	ARC	TANGENT	STATION	OFFSET
17	514							5+19.00	2.63' LY
	515	West	12.97'					5+19.00	15.60' LY
	517			140° 24' 05"	3.00'	7.35'	8.33'	5+24.31	17.51' LY
	518	N 50°24'05" E	5.67'					5+27.92	13.15' LY
	520			64° 04' 00"	10.00'	11.18'	6.26'	5+29.32	2.63' LY
	514	South	10.32'					5+19.00	2.63' LY
18	521							5+43.27	2.63' LY
	522	N 65°31'55" W	11.14'					5+47.88	12.77' LY
	524			60° 44' 40"	10.00'	10.60'	5.86'	5+56.15	18.59' LY
	526			94° 47' 15"	3.00'	4.96'	3.26'	5+59.40	15.60' LY
	527	East	12.97'					5+59.40	2.63' LY
	521	South	16.13'					5+43.27	2.63' LY
19	246							6+44.83	0.63' LY
	535	North	5.57'					6+50.40	0.63' LY
	536	West	12.00'					6+50.40	12.63' LY
	538			120° 07' 30"	3.00'	6.29'	5.21'	6+54.91	15.22' LY
	540			24° 22' 10"	25.00'	10.63'	5.40'	6+62.71	8.12' LY
	542			58° 53' 30"	10.00'	10.28'	5.65'	6+63.75	1.66' RT
	247	S 66°36'55" E	20.62'					6+65.55	20.60' RT



PLANT LIST			
BOTANICAL NAME	COMMON NAME	CAL. CONTAINER	MIN. SIZE
FRAXINUS VELUTINA 'MODESTO'	MODESTO ASH	2 1/2" 30" BOX	10'Hx5'W
PRUNUS SERRULATA	KWANZAN CHERRY	1 1/2" 20" BOX	7'Hx5'W
PYRUS CALLERYANA 'Bradford'	BRADFORD PEAR	2" 24" BOX	9'Hx4'W
COTONEASTER DAMMERI	LOWFAST COTONEASTER (Also known as Bearberry)	5 GAL.	
COTONEASTER PARNEYI	PARNEY COTONEASTER	5 GAL.	
NANDINA DOMESTICA 'Harbour Dwarf'	DWARF NANDINA	3 GAL.	

RECORD DRAWING
Date: 1-90

NOTE:
Do not remove the pavement or excavate planter. Adjust manhole rim prior to curb installation. Install 30 mil. PVC or industrial quality PE membrane to cover entire planter except manhole. Fill planter with 6" deep shredded bark mulch. Dark mulch and manhole rim to match grade.

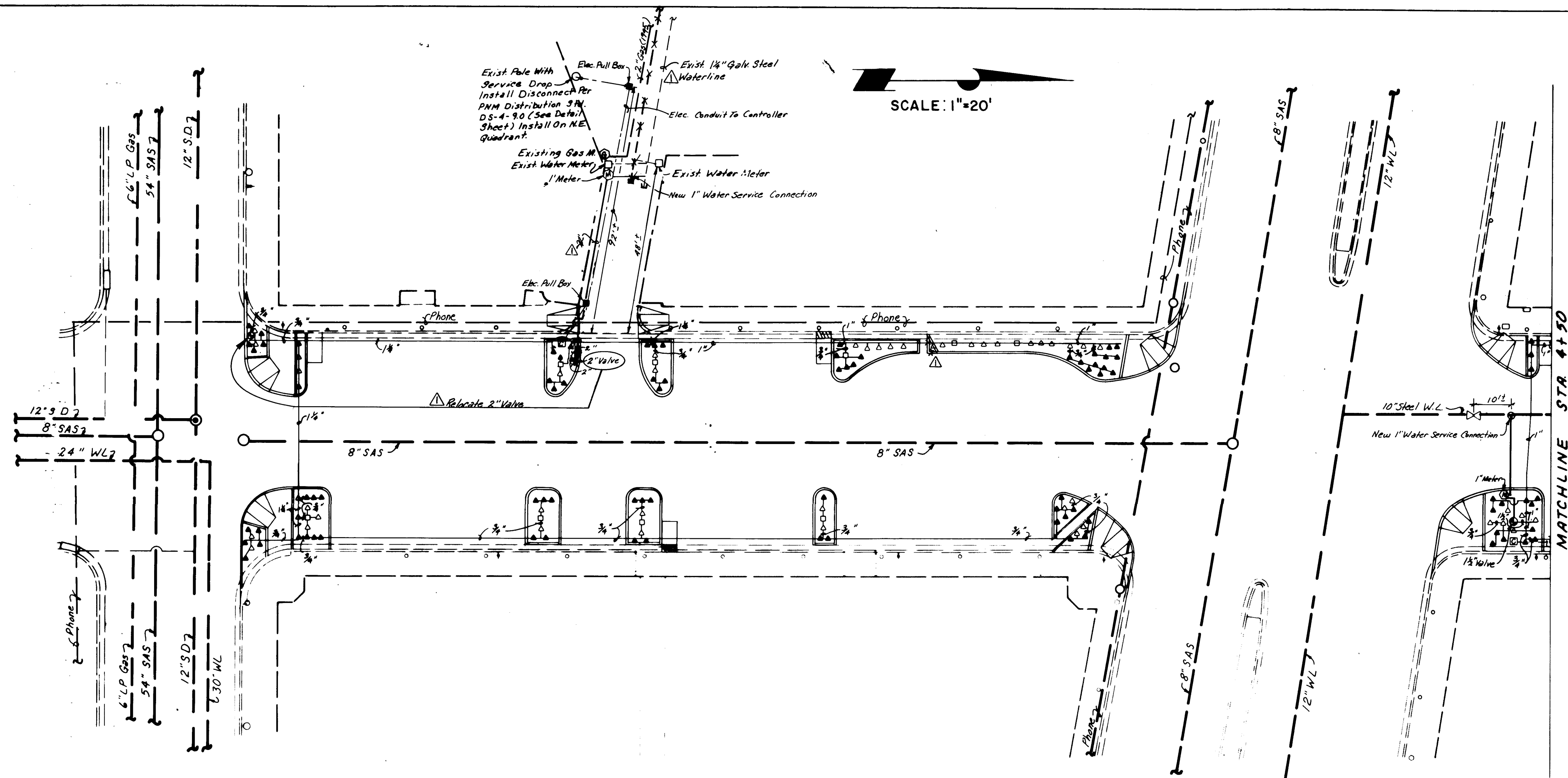
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26 37890690

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT			
TITLE: AMHERST STREET IMPROVEMENTS			
LANDSCAPING PLAN			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	Ronald Green	5/24/89	Liquid Waste
A C E - Design	"	"	Traffic
A C E - Hydrology	"	"	Water
DRAWING NO. 3789		MAP NO. K-16	SHEET 6 OF 8

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.
DATE 10-89	NO.	DATE 10-89	NO.	DATE 10-89	NO.	DATE 10-89	NO.
DATE 12-89	NO.	DATE 12-89	NO.	DATE 12-89	NO.	DATE 12-89	NO.
DATE 1-90	NO.	DATE 1-90	NO.	DATE 1-90	NO.	DATE 1-90	NO.
DATE 7-90	NO.	DATE 7-90	NO.	DATE 7-90	NO.	DATE 7-90	NO.
DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.

KEY	B-1	P-1	L-1	NC-1

NC-1
B-1
P-1
L-1



IRRIGATION NOTES FOR DESIGN/BUILD

- Each valved system shall have a manual drain installed at the low point of the main line.
- All piping shall be sleeved under all pavement in 4" class 200 PVC pipe. Twenty-four volt wires shall be sleeved in 1 1/2" class 200 PVC pipe. Patch all cuts in asphalt.
- There shall be one 1-gpm bubbler for each shrub 12" from the center of each plant on the uphill side of the plant, and one 1-gpm bubbler for each tree, as close as possible to the rootball of the tree on the uphill side and one 1-gpm bubbler per 2-3 small shrubs placed in the center.
- All equipment shall meet those requirements found in the specifications and the Contractor shall provide all piping, valves, heads, drains, controllers and all other components, accessories and appurtenances required for a complete, operable system.
- Water meters shall be the responsibility of the Contractor.
- Trenching for the irrigation lines and controller power lines will be per the General Notes and detail on Detail Sheet 8.
- Plan locations of equipment is schematic. Locate in planters whenever possible.
- Install one king automatic drain in each planter. Slope Lines And install at low end.

CONSTRUCTION NOTES

- All planters shall be excavated to a depth of 3 feet from top of curb excluding bench at curb. Soil removed shall be disposed of in an approved landfill and shall not be reused in this or any other landscape project.
- All planters shall have a 30 mil PVC or 30 mil industrial quality PE membrane installed continuously at the back of curb and at the edge of concrete. Membrane shall extend over soil bench and to the bottom of the excavated pit. Adhere membrane to concrete according to manufacturer's specifications and recommendations.
- Prior to construction, the Contractor shall locate all existing utility lines. Damage to existing lines will be the responsibility of the Contractor.
- Adjustments in layout of landscape features as required to meet variations between the plan dimensions/graphics and existing site features shall be made in the field under the supervision of the Engineer.
- The Landscape Contractor shall visit the site and analyze existing conditions and scope of work prior to bid.
- Access signs shall be supplied to all businesses by the Contractor. As directed by the Construction Coordinator signs shall be incidental to the Contract.

PLANTING NOTES

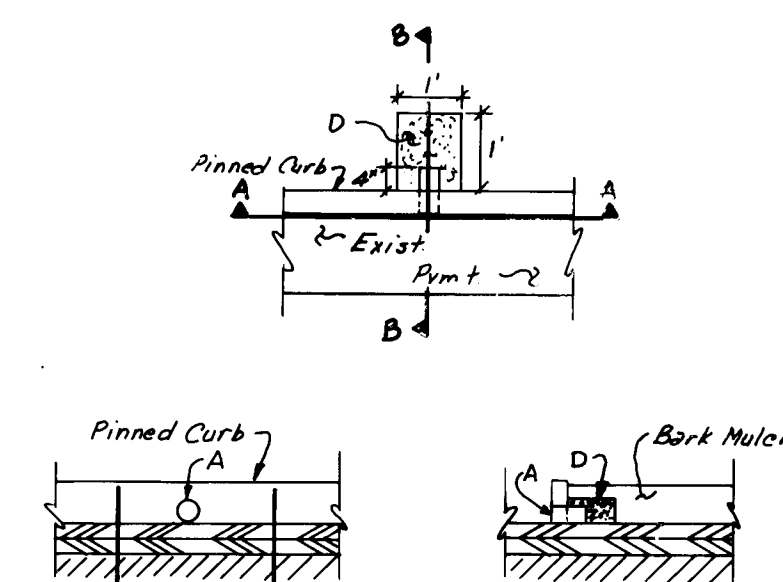
- Backfill for islands shall be 3 parts sandy loam, free of rocks greater than 1" diameter, debris, vegetation and trash (sample shall be approved), and 1 part ground bark mulch. Compact combined fill to 95% density as determined by the Engineer.
- All planted areas of islands shall contain 4" deep shredded bark mulch.
- The Contractor is responsible for numbers of plants as shown on the plans.

NOTE

Do not remove the pavement or excavate planter #98. Adjust manhole rim prior to curb installation. Install 30 mil. PVC or 30 mil industrial quality PE membrane to cover entire planter except manhole. Fill planter with 6" deep shredded bark mulch. Bark mulch and manhole rim to match grade.

LEGEND

- (M) Rockwell Sealed Register Water Meter, 1", 2 total. Tap and installation are the City of Albuquerque's responsibility (Drawing No. 2362). Cost and coordination are the Contractor's responsibility.
- (C) Rainbird RCM4 Controller housed in concrete vault #MSMC-1 buff by Materials, Inc., Rio Rancho, NM.
- (A) Rainbird 11/2" PE 100 2" PE 200 Automatic Valve.
- △ Rainbird 1401 1-gpm Bubbler, 1 per shrub.
- ▲ Rainbird 1402 1-gpm Bubbler, 1 per 2-3 shrubs.
- Rainbird 1404 1-gpm Bubbler, 1 per tree.
- Schedule 40 PVC mainline.
- Class 200 PVC lateral line sized as shown on the plans.



CONSTRUCTION NOTES

- DRAIN SCHEDULE 40 PVC, 21" O.D. SIZE DRILL CURB OPENING AT 21" I.D.
- DISTANCE FROM CENTERLINE OF DRAIN TO REAR JOINT VARIABLE WITH 1/4" MINIMUM.
- SLOPE 1" PER FOOT MINIMUM.
- ONE-INCH GRAVEL PACK FILTER WITH WIRE SCREEN.
- DRAINS TO BE PLACED AT EACH PLANTER AT LOWEST POINT OF ELEVATION. LOCATION TO BE DETERMINED IN FIELD BY SURVEY.

CURB DRAIN DETAIL

RECORD DRAWING

Date: 1-90

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: AMHERST STREET IMPROVEMENTS

IRRIGATION PLAN

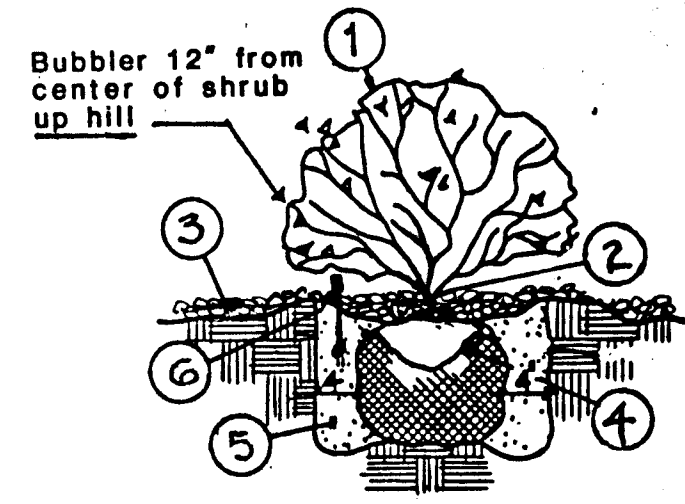
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Rogers	6/24/89	Liquid Waste	1830	5/23/89
A C E - Design	4	"	Traffic	Ramirez	5/24/89
A C E - Hydrology	"	"	Water	Albuquerque	5/24/89

DRAWING NO.	MAP NO.	SHEET	OF
3789	K-16	7	8



REVISIONS	DESIGN	DATE	DATE
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9	0	1	2
3	7	8	9
0	7	9	0

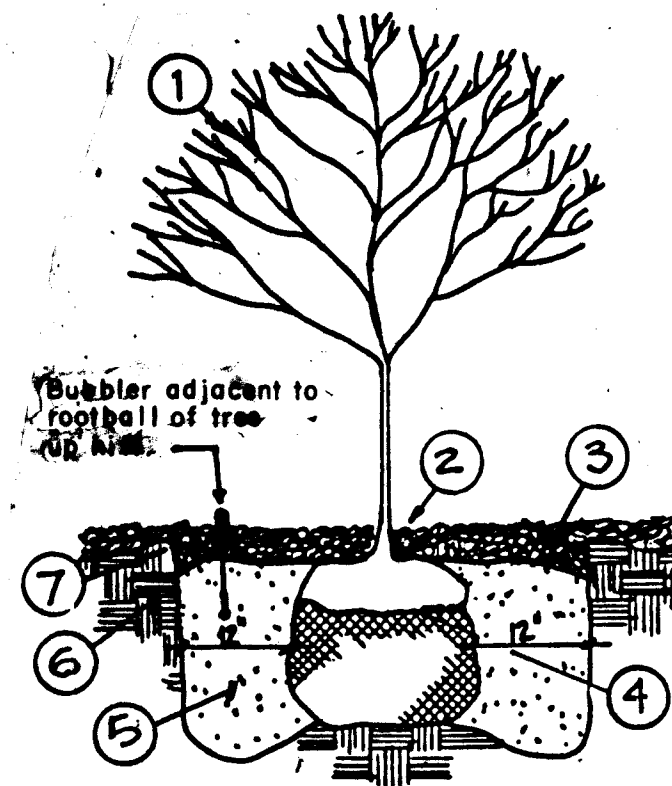
REVISIONS	DESIGN	DATE	DATE
NO.	DATE	DATE	DATE
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5	6	7	8
9	0	1	2
3	7	8	9
0	7	9	0



- 1 SHRUB LOCATION & SPECIES AS PER PLAN
- 2 PLANT AT SAME DEPTH AS IN NURSERY
- 3 4" DEEP BARK MULCH THROUGHOUT PLANTER - EXCEPT IN EARTH SAUCER. MULCH = 2"
- 4 REMOVE TOP/OF BURLAP FROM ROOT BALL
- 5 BACKFILL AND SOIL CONDITION - REF. SPECS.
- 6 EARTH SAUCER - 2" DEEP BARK MULCH WITHIN SAUCER.

SHRUB PLANTING

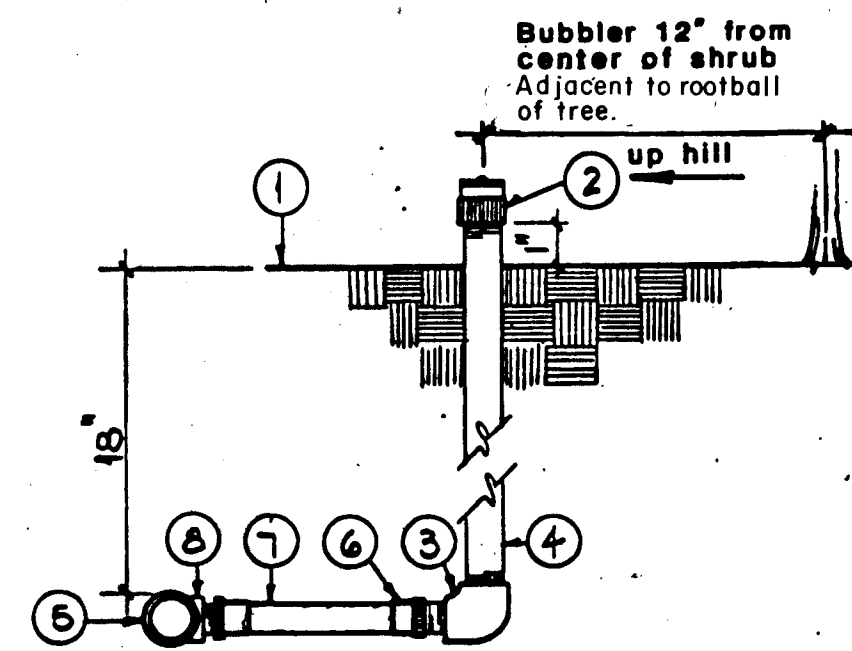
N.T.S.



- 1 TREE LOCATION & SPECIES AS PER PLAN
- 2 PLANT w/2" OF ROOT BALL ABOVE FLOOR OF BASIN w/2" OF BARK COVERING TOP OF BALL
- 3 4" DEEP BARK MULCH THROUGHOUT PLANTER
- 4 REMOVE BASKET OR TOP / OF BURLAP FROM ROOTBALL
- 5 BACKFILL & SOIL AMENDMENT - REFERENCE SPECS.
- 6 85% COMPACTED FILL - REF: CONST. & PLANTING NOTES
- 7 EARTH SAUCER

TREE PLANTING

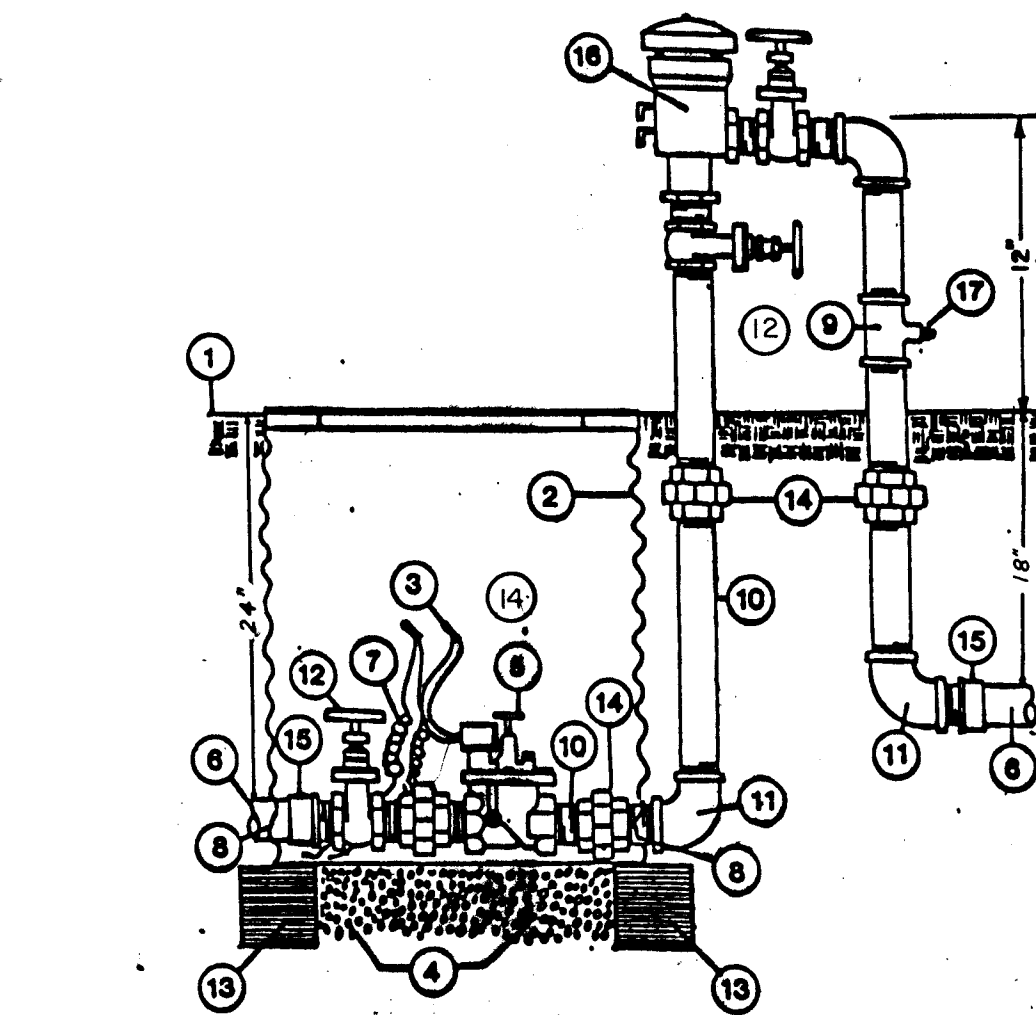
N.T.S.



- 1 TOP OF BARK
- 2 FLOOD BUBBLER, 1/4 G.P.M. ON SHRUBS, 1 G.P.M. ON TREES
- 3 SCH. 40 PVC ELL
- 4 SCH. 80 PVC RISER
- 5 PVC LATERAL PIPING
- 6 PVC MP ADAPTER
- 7 SCH. 40 PVC NIPPLE (12")
- 8 PVC S&S TEE

BUBBLER

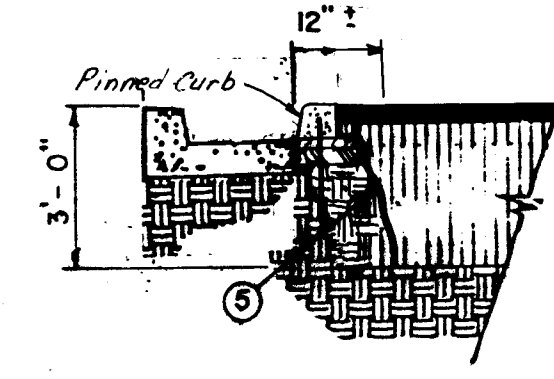
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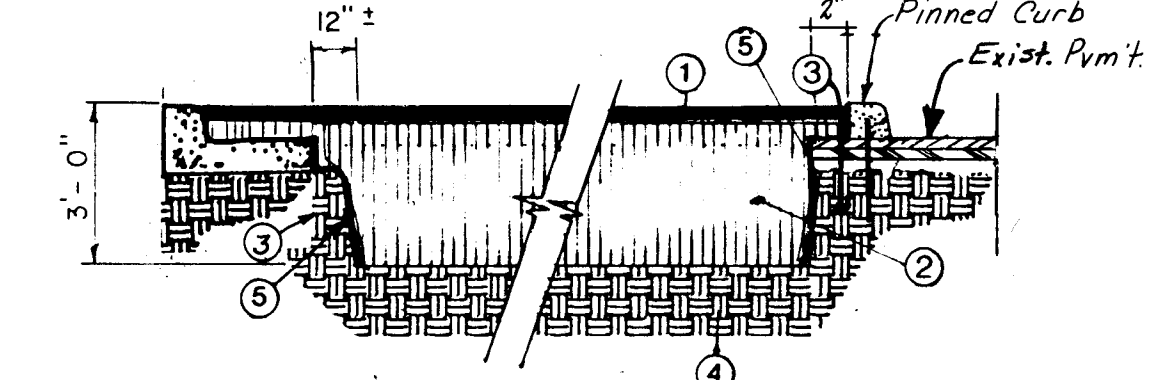
- 1 FINISH GRADE
- 2 BASS & HAYS VALVE BOX 34 D
- 3 NO. 3578 SCOTCH LOK CONNECTORS
- 4 2 CU. FT. 1" DIAM. WASHED ROCK
- 5 PRES. REDUCING ELEC. CONTROL VALVE
- 6 PVC MAINLINE
- 7 3/8" WIRE EXPANSION COIL
- 8 CUT OUT FOR MAIN LINE
- 9 GALV. TEE
- 10 GALV. NIPPLE (TYP)
- 11 GALV. ELL
- 12 BRASS GATE VALVE
- 13 8"x10" 15" SOLID CHU
- 14 UNION
- 15 PVC MALE ADAPTER
- 16 PRESSURE VACUUM BREAKER
- 17 AUTOMATIC DRAIN

VALVE ASSEMBLY

N.T.S.



SECTION WHERE PINNED CURB SET AT LIP OF EXIST. C&G AND DOES NOT EXTEND TO FACE OF CURB.



- 1 4" BARK MULCH
- 2 FILL: 3 PARTS SANDY LOAM / 1 PART HUMUS (GROUND BARK MULCH)
- 3 UNDISTURBED SOIL BENCH - CLOSE TO 85% AS SOIL CONDITIONS WILL ALLOW
- 4 UNDISTURBED SOIL
- 5 30 MIL. PVC MEMBRANE, * - CONTINUOUS - ADHERE TO CURB AND CONC. EDGE. EXTEND OVER BENCH TO BOTTOM OF EXCAVATION.

TYPICAL PLANTER SECTION

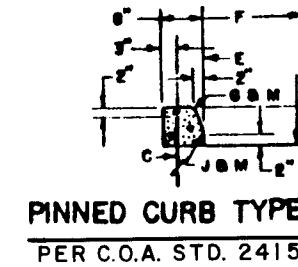
N.T.S.

GENERAL NOTES:

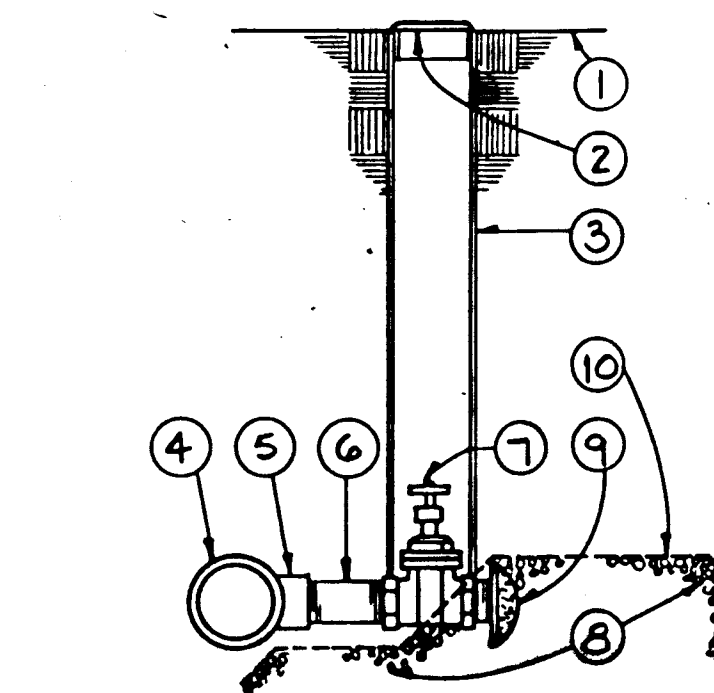
1. CURBS, GUTTERS & CUT-OFF WALL TO BE CONSTRUCTED OF P.C.C.
2. FOR STANDARD AND MEDIAN C&G PROVIDE CONTRACTION JTS. @ 6' O.C. MAX. ALSO PROVIDE V&E EXP. JTS. @ 6' O.C. MAX. AT CURB RETURNS & AT EACH SIDE OF DRIVEWAY.
3. FOR ALL OTHER C & G PROVIDE CONTR. JTS. AT 10' O.C. PROVIDE EXP. JTS. @ 30' O.C. & ADJACENT TO BUILDINGS & WALLS.
4. EDGES NOT SPECIFIC DIMENSIONS SHALL BE EDGED WITH A 3/8" EDGING TOOL.
5. STD. C & G SHALL BE USED FOR NEW CONSTR. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
6. REMOVE & REPLACE 6" WIDE STRIP OF PAVEMENT BEYOND LIP OF GUTTER WHEN CONSTRUCTING C & G. ADJACENT TO EXIST. A.C. PAVEMENT.
7. STD. C & G. REQUIRE FULL FORM ON ALL FACES EXCEPT WITH PRIOR APPROVAL OF ENGINEER.

CONSTRUCTION NOTES:

- A. REQ. CONC. CHANNEL LINING OR CUT-OFF WALL. PROVIDE V&E EXP. JT. BETWEEN BACK OF CURB & CONC. LINING OR WALL.
- B. VARIABLE, DEPRESS AS NEEDED.
- C. DRIVE NO. 4 BARS 18" DEEP IN HOLES DRILLED 8" O.C. IN EXIST. PAVEMENT, SEAL WITH EPOXY.
- D. EXIST. A.C. OR P.C.C. PAVEMENT.
- E. THEORETICAL FACE OF CURB OR FLOWLINE.
- F. TRAFFIC SIDE.
- G. 3/4" RADIUS.
- H. 1/2" RADIUS.
- I. 2" RADIUS.
- J. 4" RADIUS.
- K. TACK COAT.
- L. DIMENSIONS AT ROUNDED CORNERS MEASURED TO INTERSECTION OF STRAIGHT LINES.
- M. 2" A.C. SURFACE COURSE 1500 LBS. STABILITY.
- N. 6" COMPACTED SUBGRADE 90% COMPACTION.



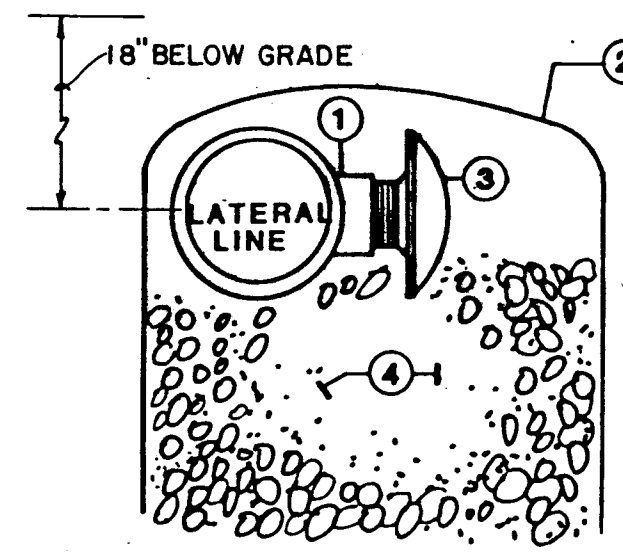
PINNED CURB TYPE II
PER C.O.A. STD. 2415



- 1 TOP OF BARK
- 2 2" LOCKING VALVE MARKER
- 3 2" CLASS 160 PVC
- 4 MAINLINE
- 5 TEE
- 6 SCH. 80 PVC NIPPLE
- 7 BRASS GATE VALVE W/ CROSS HANDLE
- 8 2 CU. FT. 1 1/2" WASHED ROCK
- 9 KING AUTOMATIC DRAIN (SEE DETAIL)
- 10 TERRA BOND 1115 FILTER FABRIC

MANUAL DRAIN

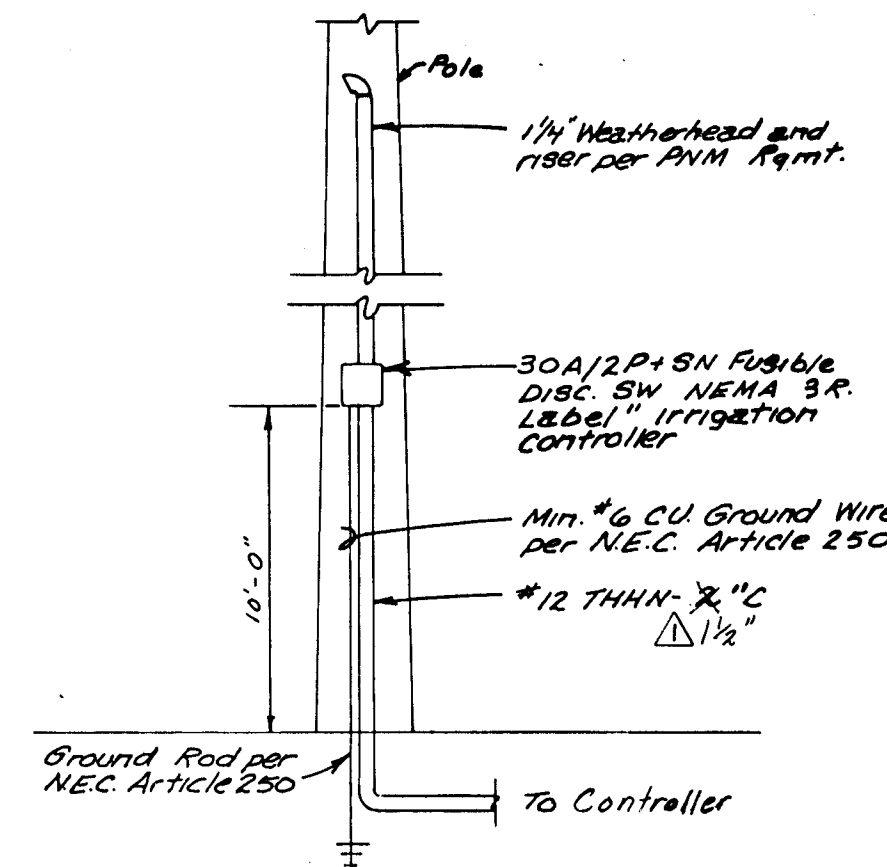
N.T.S.



- 1 PVC TEE S&S
- 2 TERRA BOND 1115 FILTER FABRIC TOP & SIDES
- 3 KING AUTOMATIC DRAIN
- 4 2 CU. FT. 1 1/2" DIAM. WASHED GRAVEL

AUTOMATIC DRAIN

N.T.S.



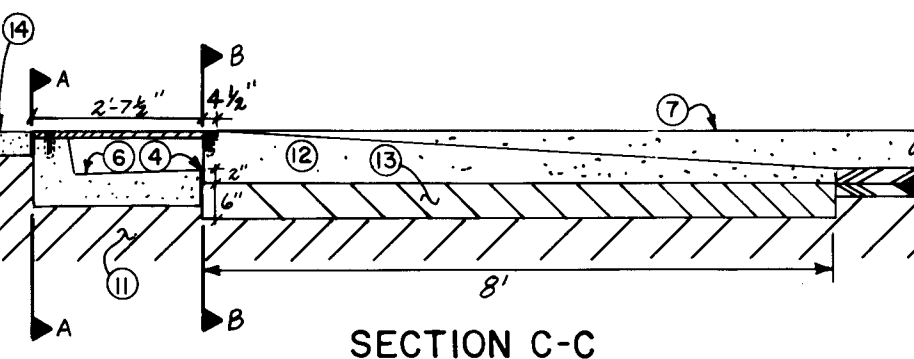
POLE & POWER RISER FOR IRRIGATION CONTROLLER

DIAGRAM

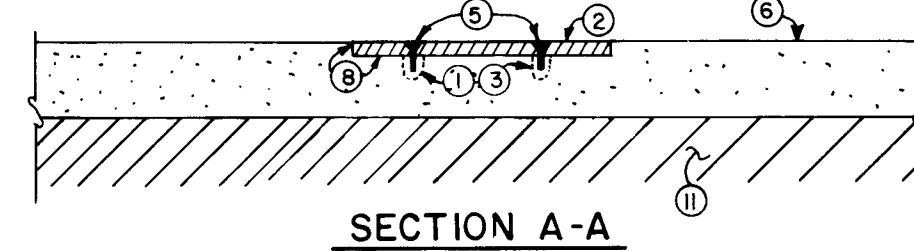
(POLE & POWER RISER)

GENERAL ELECTRICAL NOTES:

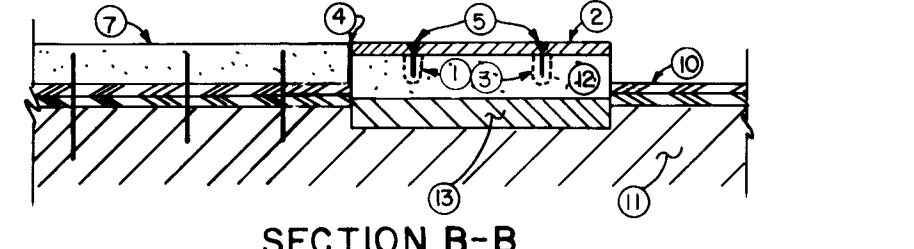
1. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH PUBLIC SERVICE COMPANY OF NEW MEXICO FOR POLE LOCATIONS AND SERVICE REQUIREMENTS. COMPLY AS NECESSARY.
2. ALL ELECTRICAL CONDUITS SHALL BE INSTALLED A MINIMUM OF 30" BELOW GRADE. COORDINATE WITH LANDSCAPE AND IRRIGATION PIPING TO PREVENT CONFLICTS.
3. ALL ELECTRICAL CONDUITS SHALL BE INSTALLED WITHIN ISLANDS AND SHALL BE ROUTED AS DETERMINED IN THE FIELD. VERIFY ROUTING OF ALL CONDUITS PRIOR TO POURING IN.
4. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING CONDITIONS IN THE FIELD PRIOR TO BID SO AS TO INFORM HIMSELF OF EXISTING CONDITIONS AFFECTING HIS BID.
5. INSTALL PULL OR JUNCTION BOXES EVERY 200 FEET OR AS REQUIRED.



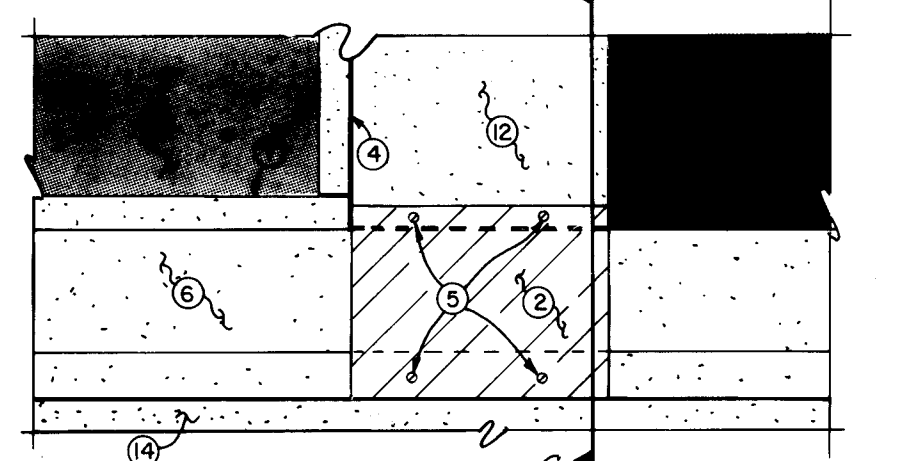
SECTION C-C



SECTION A-A



SECTION B-B



PLAN VIEW

THESE DETAILS WHERE PLATING IS REQUIRED ONLY. WHEEL CHAIR RAMP DETAILS IN PARKING AREA

NOTE: FOR PLATING AT ISLAND IO ON SHEET 4, USE THE SAME PROCEDURE EXCEPT MILL THE TOP OF SIDEWALK & PINNED CURB.

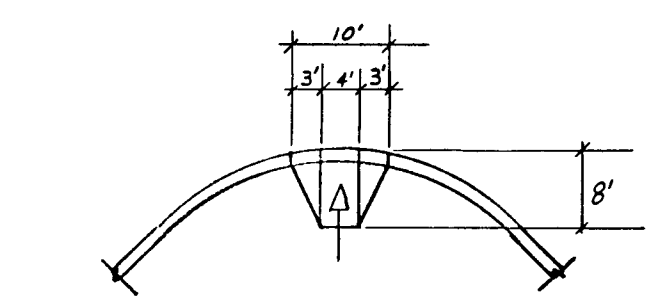
RECORD DRAWING

Date 1-90

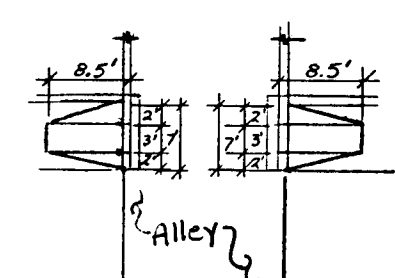
GENERAL NOTES:

1. For securing plate, use 1" x 5" x 5" rod anchor "Red Multi Set II 50M-30" or approved equal. Install per the manufacturer's instructions at 24" o.c. maximum, with a minimum of two per side.
2. Plate will be 3/8" checkered steel plate. The length of each plate shall be such that the weight will not exceed 300 lbs. Clean the surface of the plate and paint with one shop coat of red oxide and two finish coats of aluminum paint (AASHTO M 69).
3. Drill and tap for F.W. machine screws.
4. Expansion joint material shall be used where concrete meets concrete.
5. 3/8" - 16 x 11" counter sunk F.W. stainless steel machine screw.
6. Existing standard curb and gutter.
7. Pinned curb
8. Mill surface
9. Planter
10. Existing pavement
11. Existing subgrade
12. Concrete wheelchair ramp
13. 6" compacted subgrade at 95% maximum density
14. Existing sidewalk

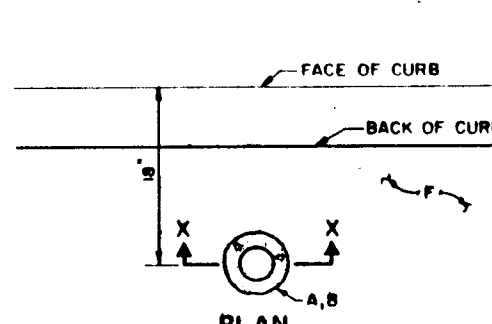
- A. All exposed concrete surface shall match grade, color, finish and scoring of adjacent curb and sidewalk.
- B. Where plating is not required in this typical W.C.R., the W.C.R. will be poured to meet and match the top of curb.
- C. Mill top of standard curb and gutter, W.C.R. placing, top of plate, and top of standard curb and gutter will match grade as shown in sections.
- D. Concrete W.C.R. will be formed to allow for plating to match concrete as shown in the sections.



TYPICAL STREET INTERSECTION WHEEL CHAIR RAMP

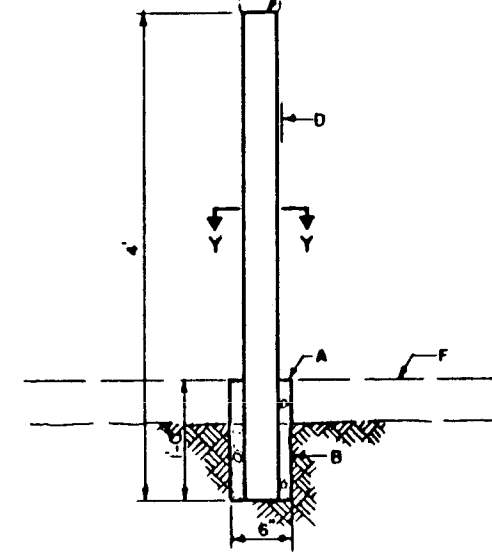


TYPICAL ALLEY WHEEL CHAIR RAMP



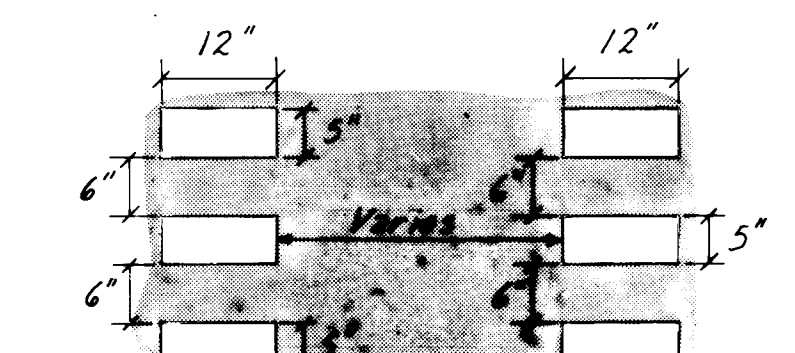
TRAFFIC POLE INSTALLATION FOR PARKING METER

PER C.O.A. STD. 2528



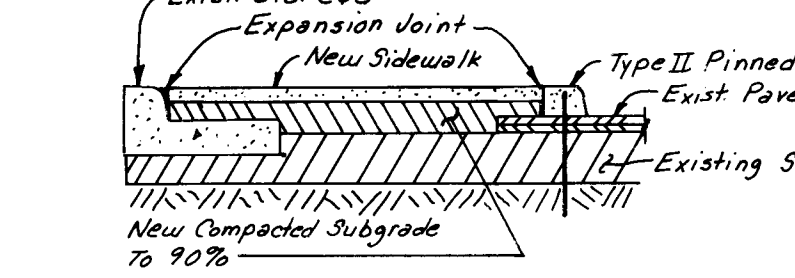
TRAFFIC POLE INSTALLATION FOR PARKING METER

PER C.O.A. STD. 2528

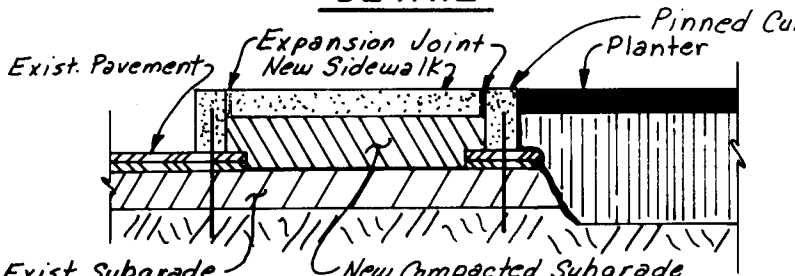


TYPICAL CROSS WALK STRIPING

NOTE: STRIPING SHALL BE SAME TYPE MATERIAL AS SPECIFIED FOR PARKING



NEW SIDEWALK WITHIN ISLAND DETAIL



NEW SIDEWALK ADJOINING PLANTER DETAIL

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
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