

JUNE 8, 2001

CONSTRUCTION DOCUMENTS
TRUMBULL STREETSCAPE

SAN PABLO STREET S.E.

DEPARTMENT OF FAMILY & COMMUNITY SERVICES
CITY OF ALBUQUERQUE

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PAVING PLAN AND PROFILES

PAVING PLAN AND PROFILES

PAVING PLAN AND PROFILES

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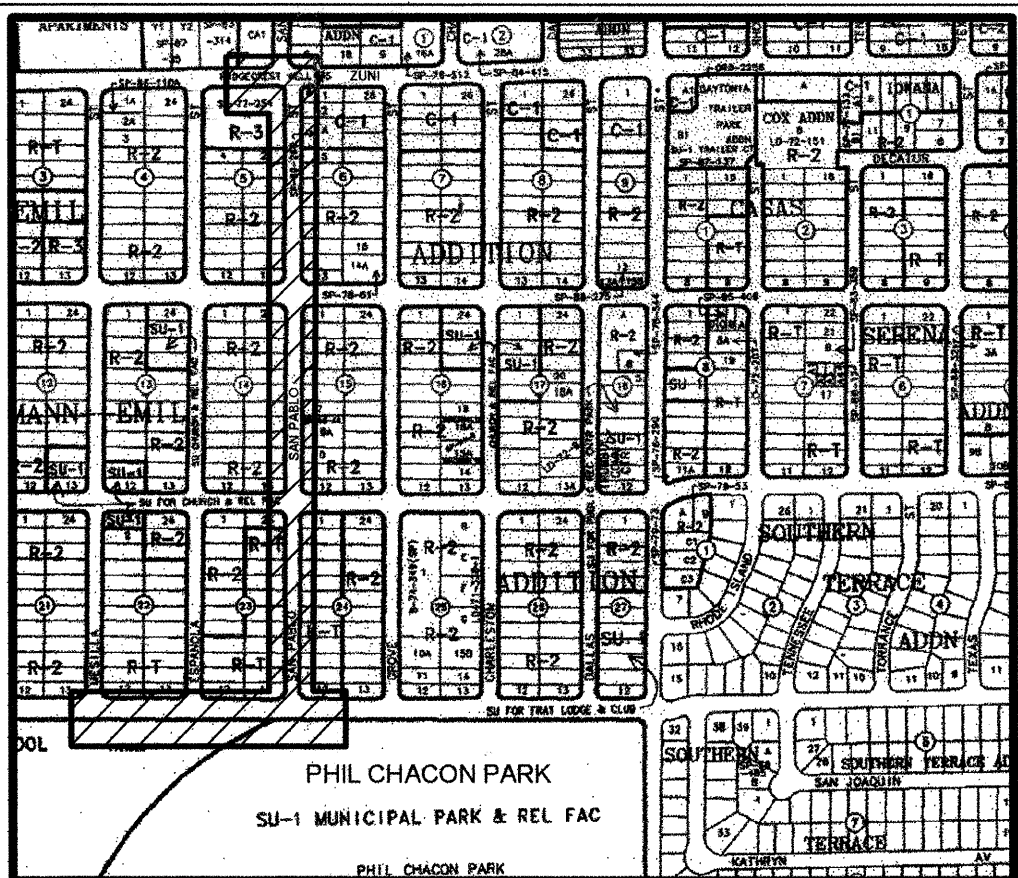
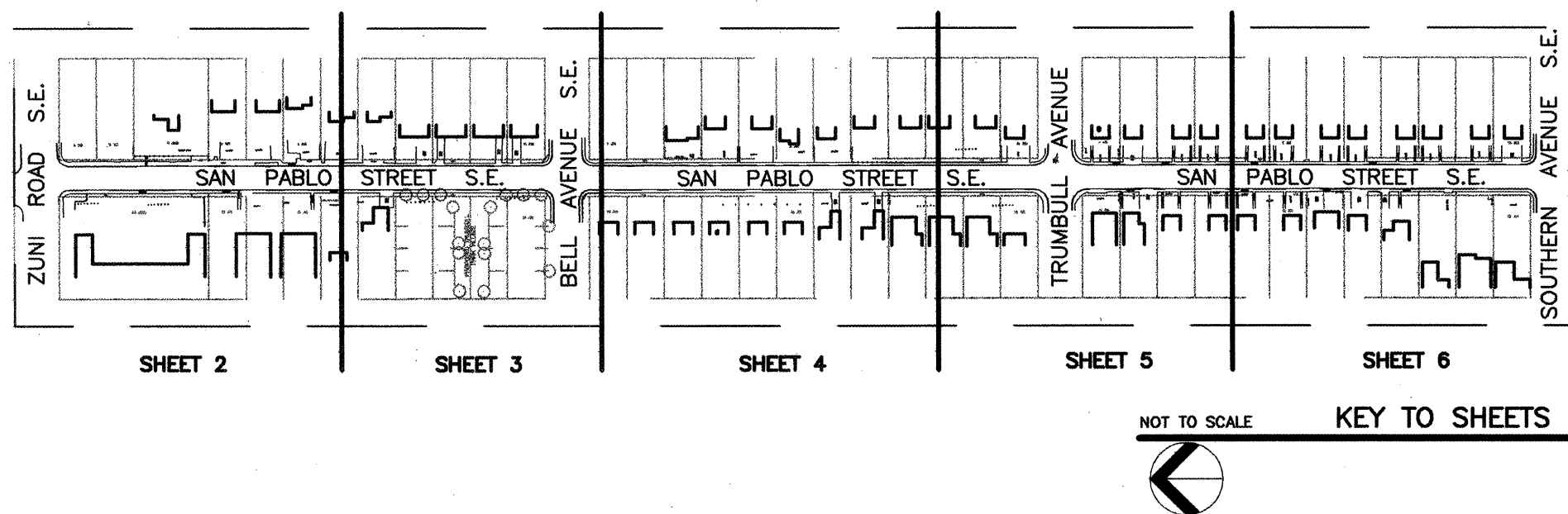
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FOR INFORMATION ONLY



NOT TO SCALE
VICINITY MAP

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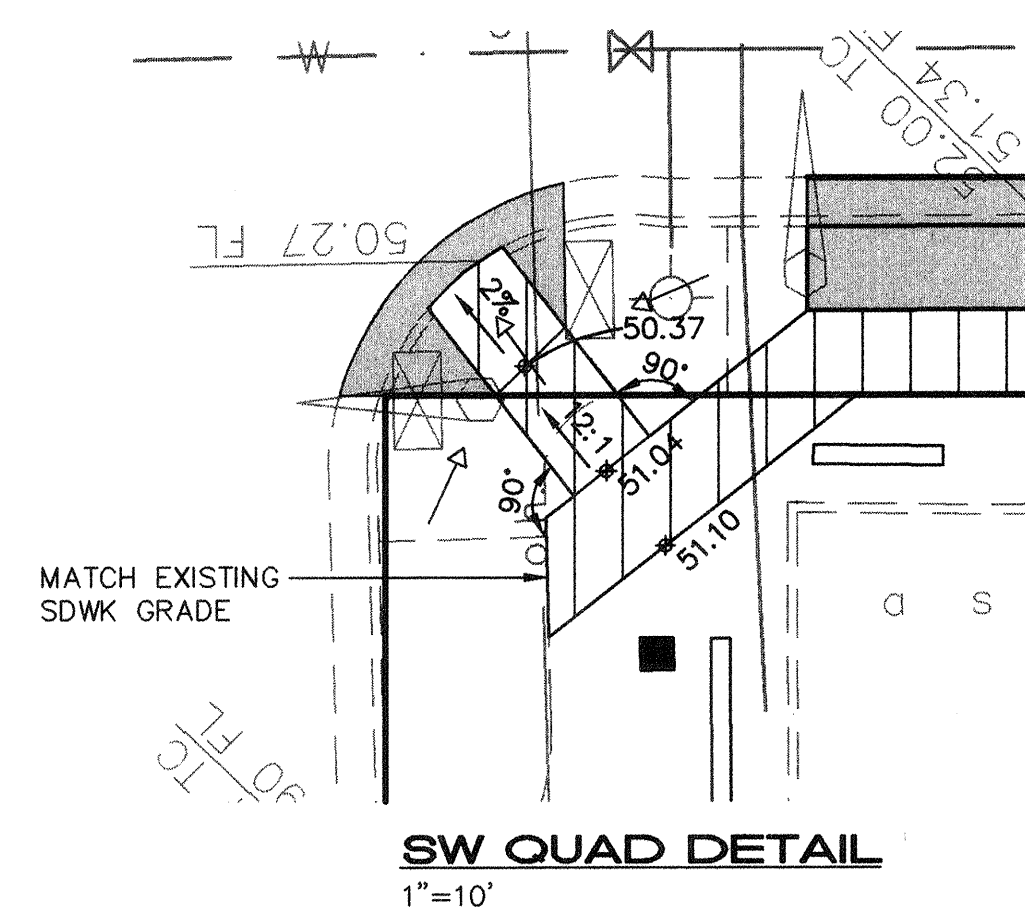
GENERAL NOTES

1. ALL 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 AND SHALL INCLUDE UPDATE NO.6
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 OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK EFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS 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 MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDSRD SPECIFICATIONS.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FORM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (857-8200) FIVE 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 THREE DAYS PRIOR TO TO NEEDING VALVES TURNED ON OR OFF.

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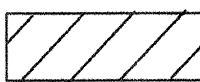
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
LANDSCAPE ARCHITECT'S SEAL		APPROVALS		ENGINEER	DATE	*****	
		DRC CHAIRMAN	<i>[Signature]</i>	6-27-01	6-27-01	APPROVED FOR CONSTRUCTION	
		TRANSPORTATION	<i>[Signature]</i>	6-27-01	6-27-01		
		WATER/WASTEWATER	<i>[Signature]</i>	6-27-01	6-27-01		
		HYDROLOGY	<i>[Signature]</i>	6-27-01	6-27-01		
		PARKS	<i>[Signature]</i>	6-27-01	6-27-01		
		CONSTR. COORD.	<i>[Signature]</i>	6-27-01	6-27-01		
City Project Number				6214.91		Sheet 1 of 19	

SET NUMBER: _____

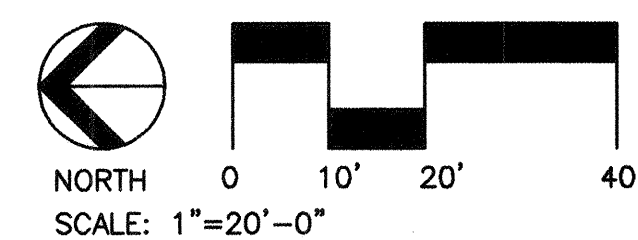


SAN PABLO STREET SE

LEGEND

- | | |
|---|--|
|  | REMOVE & REPLACE STD. CURB & GUTTER AND DRIVEPAD PER STD. DWG. NO. 2415 & DETAILS ON SHT 7 |
|  | REMOVE & REPLACE STD. CURB & GUTTER AND SIDEWALK PER STD. DWG. NOS. 2415 & 2430 |
|  | BUILD NEW 4' PCC SIDEWALK |
|  | EXISTING CURB & GUTTER |
|  | EXISTING ROUND WATER METER |
|  | EXISTING STD. WATER METER |
|  | EXISTING LIGHT |
|  | INSTALL NEW LIGHT |
|  | BUILD NEW DECORATIVE PAVING AND INSTALL NEW LIGHT |

SCALES:
1"=20' HOR.
1"=5' VERT.

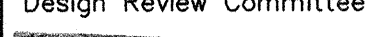


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Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
039PV1.DWGnav VIEW: 2 05/24/01

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRUMBULL STREETSCAPE
SAN PABLO STREET SE
STA 1+00.00 TO STA 5+00.00
PAVING PLAN & PROFILE**

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

DESIGN REVIEW.COM			
City Project No. 6214.91	Zone Map No. L-19	Sheet 2 Of 18	

KEYED CONSTRUCTION NOTES

1. BUILD NEW 4' PCC SW AT R/W LINE PER
STD DWG NO. 2430 AS FOLLOWS:

LEFT		RIGHT	
FROM	TO	FROM	TO
4+25.5	4+54.0	1+50.0	1+64.0
4+81.5	4+85.5	2+00.0	2+79.9
		3+09.3	3+48.2
		3+54.4	3+73.0
		4+10.0	4+29.0
		4+66.8	4+80.0

2. REMOVE 6 LF OF EXISTING 4" PCC SW FOR STREET TREE AT STA 2+19 RT, 2+45 RT, AND 2+71 RT.
3. SEE DETAIL #6, SHEET 9 FOR DECORATIVE PAVING AND LIGHT DETAIL FOR THIS BLOCK-OUT AREA.
4. BUILD HANDICAP RAMP AT SOUTHWEST QUADRANT OF ZUNI RD AND SAN PABLO STREET PER DETAIL THIS SHEET.
5. REMOVE EXISTING LANDSCAPING AND BUILD NEW 4" PCC SW AT BACK OF CURB PER COA STD DWG NO. 2430 FROM STA 3+91.9 TO 4+23.5 LT.

REMOVAL/REPLACEMENT SCHEDULE

	FROM	TO	STD C&G & SDWK	C&G & DRIVEPAD TYPE
LEFT	3+08.5	3+25.2		A
	3+25.2	3+65.1	X	
	3+65.1	3+91.9		A
	3+91.9	4+53.9	X	
	4+53.9	4+78.6		A
	4+78.6	4+85.5	X	
	4+85.5	5+00.0		A
RIGHT	1+51.9	1+64.0	X	
	1+64.0	2+00.0		A
	2+00.0	2+79.9	X	
	2+79.9	3+09.2		A
	3+09.2	3+73.0	X	
	3+73.0	4+10.0		A
	4+10.0	4+29.0	X	
	4+29.0	4+66.9		A
	4+66.9	5+00.0	X	

NOTE: SEE SHEET 7 FOR DETAILS OF DRIVEPAD TYPES
A & B.

FOR INFORMATION ONLY

FCR INFORMATION ONLY

<i>AS—BUILT INFORMATION</i>					
<i>CONTRACTOR</i>					
WORK STANDARD BY	DATE	INSPECTOR'S DATE	DATE	DATE	DATE
FIELD ACCEPTANCE BY	DATE	FIELD REVISION BY	DATE	DATE	DATE
REMARKS CORRECTED BY	DATE				
<i>MICRO-FILM INFORMATION</i>					
RECORDED BY	DATE				
NO.					

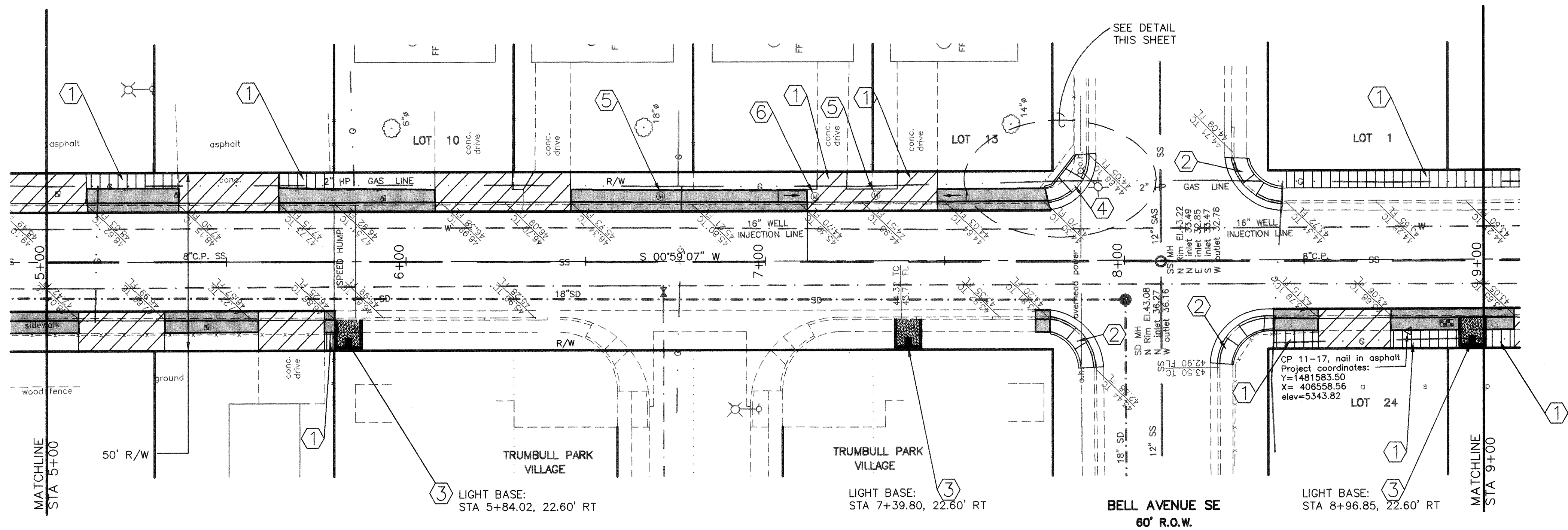
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BENCH	MARKS
ACS STA " 1-L19 "	A SQUARE CH
	CURB RETURN AT THE INTERSECTION
	ELEVATION = 5374.16

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

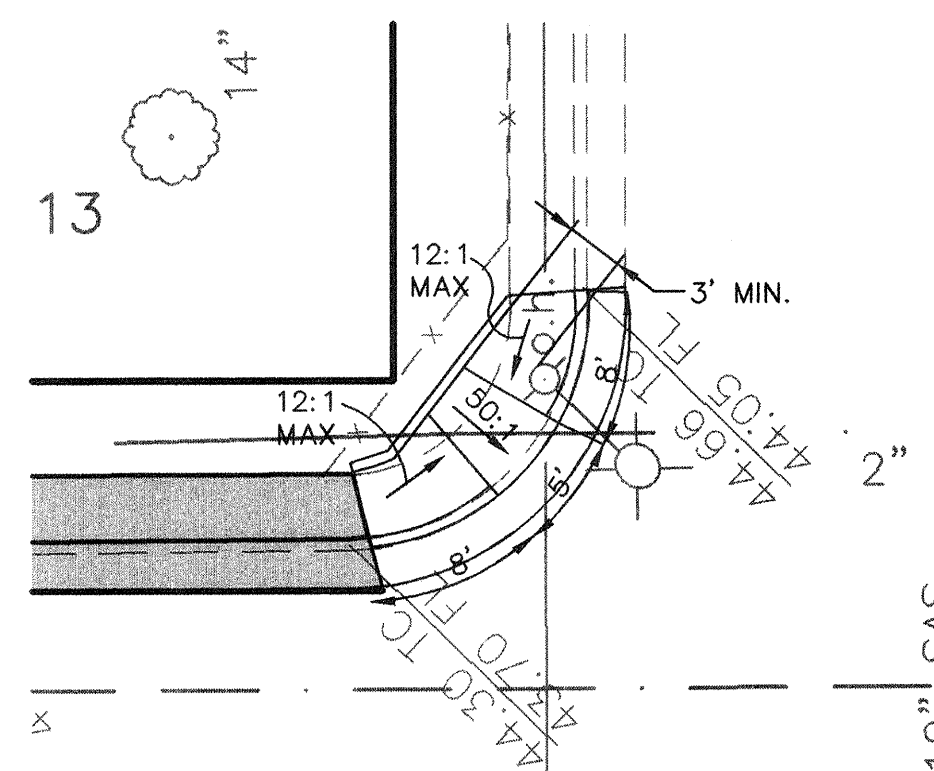
Sheet **2** Of **18**



LEGEND

- REMOVE & REPLACE STD CURB & GUTTER AND DRIVEPAD PER STD. DWG. NO. 2415 & DETAILS ON SHT 7
- REMOVE & REPLACE STD CURB & GUTTER AND SIDEWALK PER STD. DWG. NOS. 2415 & 2430
- BUILD NEW 4' PCC SIDEWALK
- EXISTING CURB & GUTTER
- EXISTING ROUND WATER METER
- EXISTING STD. WATER METER
- EXISTING LIGHT
- INSTALL NEW LIGHT
- BUILD NEW DECORATIVE PAVING AND INSTALL NEW LIGHT

SAN PABLO STREET SE



NE QUAD DETAIL
1"=10'

SCALES:
1"=20' HOR.
1"=5' VERT.

KEYED CONSTRUCTION NOTES

- BUILD NEW 4' PCC SW AT R/W LINE PER COA STD DWG NO. 2430 AS FOLLOWS:

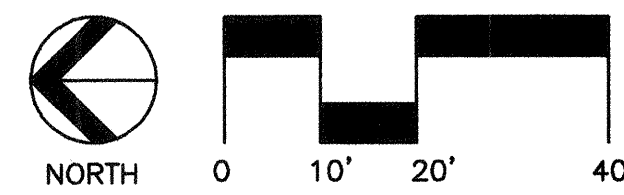
LEFT		RIGHT	
FROM	TO	FROM	TO
5+11.4	5+36.8	8+41.5	8+54.0
5+64.5	5+79.9	8+74.1	8+86.9
8+45.1	9+00.0	8+93.1	9+00.0
- BUILD HANDICAP RAMPS AT SW, SE, AND NW QUADRANTS OF BELL AVENUE AND SAN PABLO STREET PER DETAIL ON SHEET 7.
- SEE DETAIL #6, SHEET 9 FOR DECORATIVE PAVING AND LIGHT DETAIL FOR THIS BLOCK-OUT AREA.
- BUILD HANDICAP RAMP AT NE QUADRANT OF BELL AVENUE AND SAN PABLO STREET PER DETAIL THIS SHEET.
- REMOVE & REPLACE WATER METER BOX PER STD. DWG. NO. 2366 AT:

STATION	OFFSET
6+70.92	18.31 LT
7+30.82	18.38 LT
- REMOVE & REPLACE WATER METER BOX PER STD. DWG. NO. 2369 AT STA 7+13.90, 18' LT.

REMOVAL/REPLACEMENT SCHEDULE

	FROM	TO	STD C&G & SDWK	C&G & DRIVEPAD TYPE
LEFT	5+00.0	5+11.4		A
	5+11.4	5+36.8	X	A
	5+36.8	5+64.5		A
	5+64.5	6+08.1	X	B
	6+08.1	6+45.9		B
	6+45.9	7+11.7	X	B
	7+11.7	7+47.9		B
RIGHT	5+00.8	5+08.8		
	5+08.8	5+32.8	X	B
	5+32.8	5+58.9	X	B
	5+58.9	5+77.4	X	B
	5+77.4	5+80.3	X	A
	5+80.3	7+79.3	X	
	7+79.3	8+53.9	X	
	8+53.9	8+74.1	X	
	8+74.1	9+00.0	X	

NOTE: SEE SHEET 7 FOR DETAILS OF DRIVEPAD TYPES A & B.



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PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

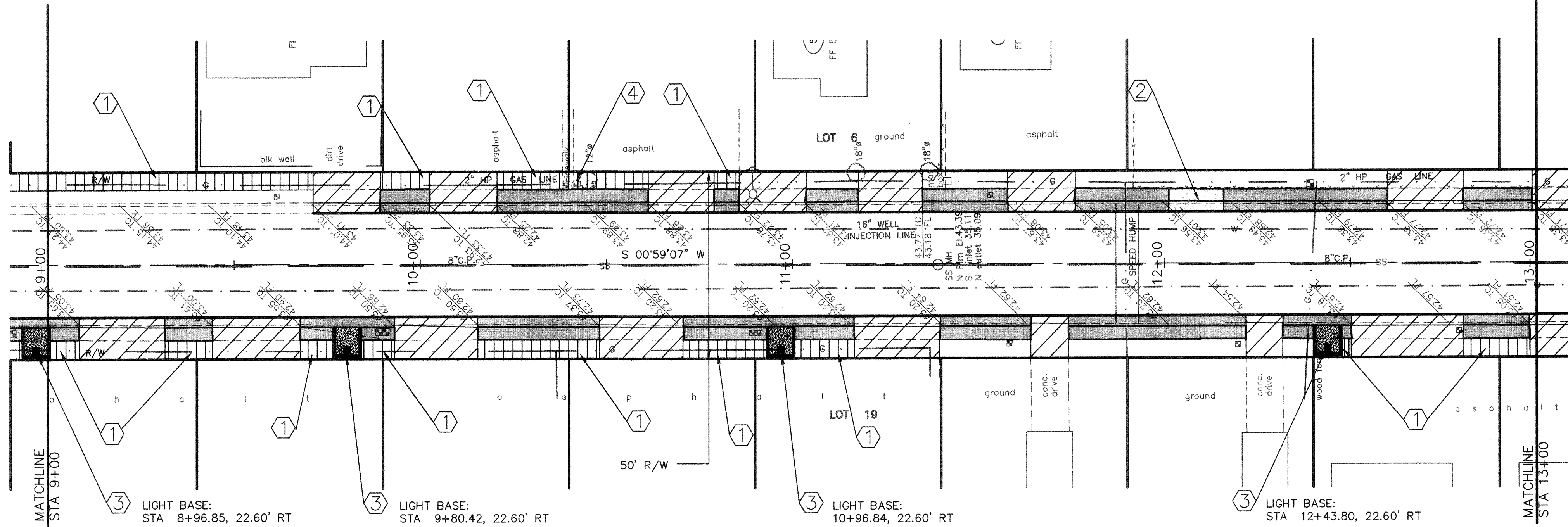
TITLE: **TRUMBULL STREETSCAPE
SAN PABLO STREET SE**
STA 5+00.00 TO STA 9+00.00
PAVING PLAN & PROFILE

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUN 27 2005 CITY REVIEW COMMITTEE	APPROVED JUN 27 2005 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of

6214.91

L-19

3 Of 18



SAN PABLO STREET SE

LEGEND

- REMOVE & REPLACE STD CURB & GUTTER AND DRIVEPAD PER STD. DWG. NO. 2415 & DETAILS ON SHT 7
- REMOVE & REPLACE STD CURB & GUTTER AND SIDEWALK PER STD. DWG. NOS. 2415 & 2430
- BUILD NEW 4' PCC SIDEWALK
- EXISTING CURB & GUTTER
- EXISTING ROUND WATER METER
- EXISTING STD. WATER METER
- EXISTING LIGHT
- INSTALL NEW LIGHT
- BUILD NEW DECORATIVE PAVING AND INSTALL NEW LIGHT

SCALES:
1"=20' HOR.
1"=5' VERT.

KEYED CONSTRUCTION NOTES

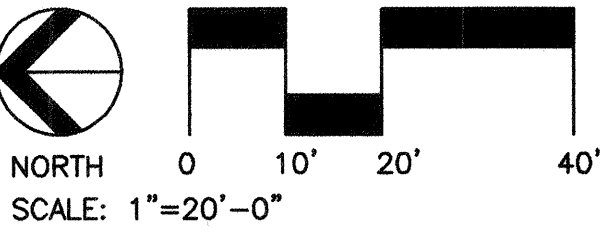
- BUILD NEW 4' PCC SW AT R/W LINE PER COA STD DWG NO. 2430 AS FOLLOWS:

LEFT		RIGHT	
FROM	TO	FROM	TO
9+00.0	9+71.3	9+00.0	9+08.4
9+89.4	10+02.6	9+31.4	9+44.1
10+20.7	10+61.3	9+67.7	9+86.9
10+79.0	10+85.7	10+15.4	10+48.2
		10+70.6	10+86.9
		10+93.1	11+16.5
		12+46.2	12+50.2
		12+80.2	12+98.0
- REMOVE EXISTING DRIVEPAD AND CURB & GUTTER AND REPLACE WITH STD CURB & GUTTER & 4' PCC SDWK AT BACK OF CURB FROM STA 12+01.2 TO STA 12+15.9 LT.
- SEE DETAIL #6, SHEET 9 FOR DECORATIVE PAVING AND LIGHT DETAIL FOR THIS BLOCK-OUT AREA.
- REMOVE & REPLACE WATER METER BOX PER STD. DWG. NO. 2366 AT STA 10+41.86, 21.41' LT.

REMOVAL/REPLACEMENT SCHEDULE

FROM	TO	STD C&G & SDWK	C&G & DRIVEPAD TYPE
LEFT			
9+71.3	9+89.4		A
9+89.4	10+02.6	X	A
10+02.6	10+20.7		A
10+20.7	10+61.3	X	A
10+61.3	10+79.0		A
10+79.0	10+85.7	X	A
10+85.7	11+03.8		B
11+03.8	11+17.8	X	B
11+17.8	11+35.0		B
11+35.0	11+57.9	X	B
11+57.9	11+76.0		B
11+76.0	12+01.2	X	B
12+01.2	12+15.9	X	B
12+15.9	12+60.0		B
12+60.0	12+80.2	X	B
12+80.2	13+00.0		B
RIGHT			
9+00.0	9+08.4	X	A
9+08.4	9+31.5		A
9+31.5	9+44.2	X	A
9+44.2	9+67.8		A
9+67.8	9+93.1	X	A
9+93.1	10+15.4		A
10+15.4	10+48.2	X	A
10+48.2	10+70.6		A
10+70.6	11+16.5	X	A
11+16.5	11+39.8		B
11+39.8	11+64.1	X	B
11+64.1	11+74.2		B
11+74.2	12+21.9	X	B
12+21.9	12+31.8		B
12+31.8	12+50.3	X	A
12+50.3	12+80.2		A
12+80.2	13+00.0	X	A

NOTE: SEE SHEET 7 FOR DETAILS OF DRIVEPAD TYPES A & B.



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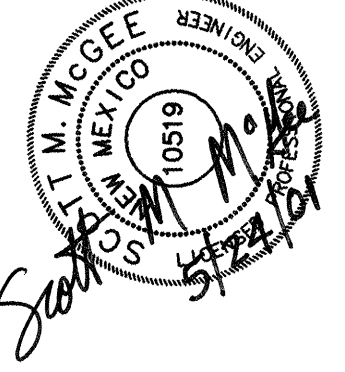
CITY OF ALBUQUERQUE
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TITLE: TRUMBULL STREETScape
SAN PABLO STREET SE
STA 9+00.00 TO STA 13+00.00
PAVING PLAN & PROFILE

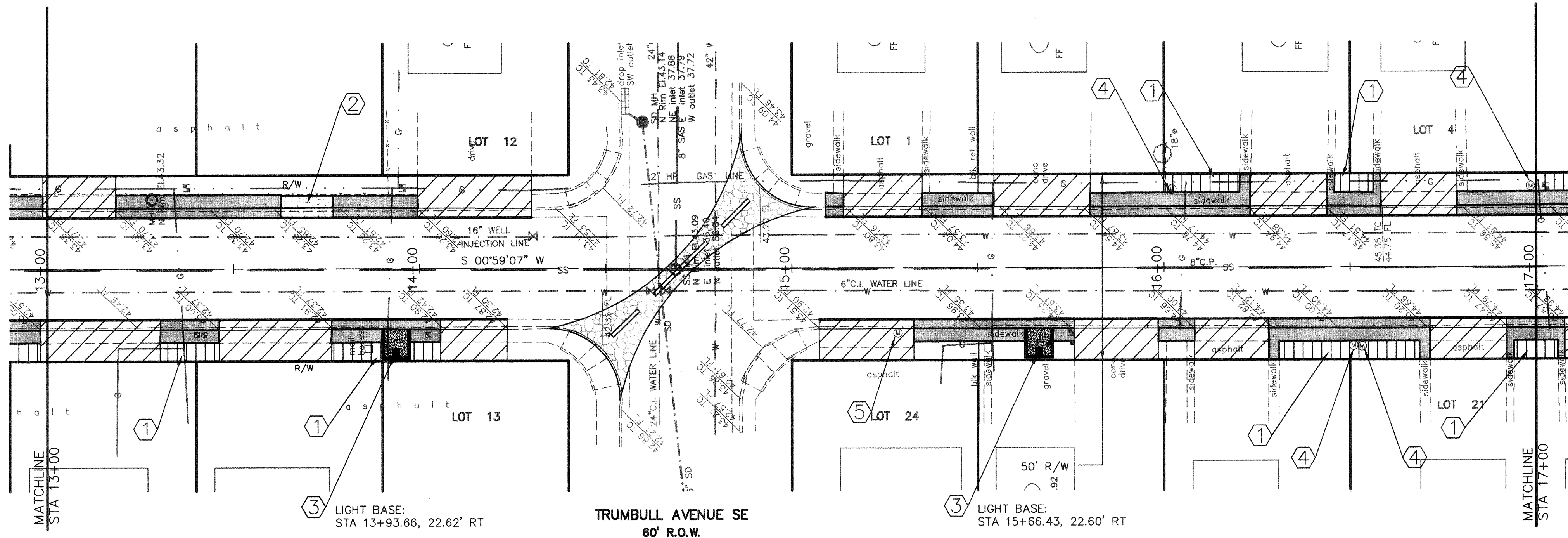
Design Review Committee	City Engineer Approval
APPROVE	APPROVE
REVIEW COMMITTEE	CITY ENGINEER
City Project No.	Zone Map No.

City Project No. 6214.91 Zone Map No. L-19

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACCS STA. "1-L19"	DATE	WILSON & CO.	DATE	SEAL	DATE
INSPECTOR'S	DATE	CURB RETURN AT THE INTERSECTION OF TEXAS AND ZUNI SE.	DATE		DATE		DATE
FIELD VERIFICATION BY	DATE	ELEVATION = 5374.16	DATE		DATE		DATE
RECORDED BY	DATE		DATE		DATE		DATE
MICRO-FILM INFORMATION	DATE		DATE		DATE		DATE



NO.	DATE	REMARKS	DESIGNED BY	DRAWN BY	CHECKED BY
		REVISIONS	SMM	DLV	SMM
		DESIGN			



SAN PABLO STREET SE

LEGEND

- REMOVE & REPLACE STD CURB & GUTTER AND DRIVEPAD PER STD. DWG. NO. 2415 & DETAILS ON SHT 7
- REMOVE & REPLACE STD CURB & GUTTER AND SIDEWALK PER STD. DWG. NOS. 2415 & 2430
- BUILD NEW 4' PCC SIDEWALK
- EXISTING CURB & GUTTER
- EXISTING ROUND WATER METER
- EXISTING STD. WATER METER
- EXISTING LIGHT
- INSTALL NEW LIGHT
- BUILD NEW DECORATIVE PAVING AND INSTALL NEW LIGHT

SCALES:
1"=20' HOR.
1"=5' VERT.

KEYED CONSTRUCTION NOTES

- BUILD NEW 4' PCC SW AT R/W LINE PER COA STD DWG NO. 2430 AS FOLLOWS:

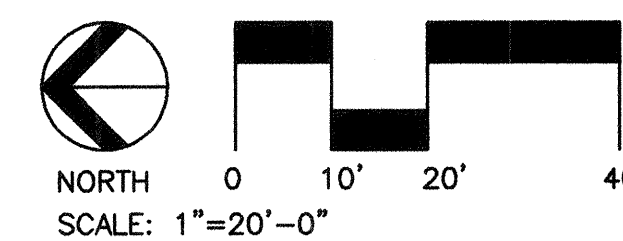
LEFT		RIGHT	
FROM	TO	FROM	TO
16+00.0	16+20.4	13+30.3	13+46.1
16+45.8	16+49.2	13+76.3	14+05.6
		16+30.9	16+68.6
		16+94.0	17+00.0
- REMOVE EXISTING DRIVEPAD AND CURB & GUTTER AND REPLACE WITH STD CURB & GUTTER & 4' PCC SDWK AT BACK OF CURB FROM STA 13+62.7 TO STA 13+76.8 LT.
- SEE DETAIL #6, SHEET 9 FOR DECORATIVE PAVING AND LIGHT DETAIL FOR THIS BLOCK-OUT AREA.
- REMOVE & REPLACE WATER METER BOX PER STD. DWG. NO. 2366 AT:

STATION	OFFSET
16+02.14	21.01' LT
16+50.93	21.19' RT
16+53.22	21.37' RT
16+98.48	21.58' LT
- REMOVE & REPLACE WATER METER BOX PER STD. DWG. NO. 2369.

REMOVAL/REPLACEMENT SCHEDULE

	FROM	TO	STD C&G & SDWK	C&G & DRIVEPAD TYPE
LEFT	13+00.0	13+18.4		B
	13+18.4	13+62.7		
	13+76.8	13+99.4	X	
	13+99.4	14+30.1		B
	15+09.0	15+13.9	X	
	15+13.9	15+35.1		B
	15+35.1	15+54.3	X	
	15+54.3	15+80.0		B
	15+80.0	16+23.2	X	
	16+23.2	16+43.8		A
	16+43.8	16+58.2	X	
	16+58.2	17+00.0	X	
RIGHT	13+00.0	13+30.3		A
	13+30.3	13+46.1	X	
	13+46.1	13+76.3		A
	13+76.3	14+05.6	X	
	14+05.6	14+23.4		B
	15+07.3	15+32.8		B
	15+32.8	15+75.9	X	
	15+75.9	15+98.4		B
	15+98.4	16+08.2	X	
	16+08.2	16+28.0		B
	16+28.0	16+71.4	X	
	16+71.4	17+00.0	X	A

NOTE: SEE SHEET 7 FOR DETAILS OF DRIVEPAD TYPES A & B.



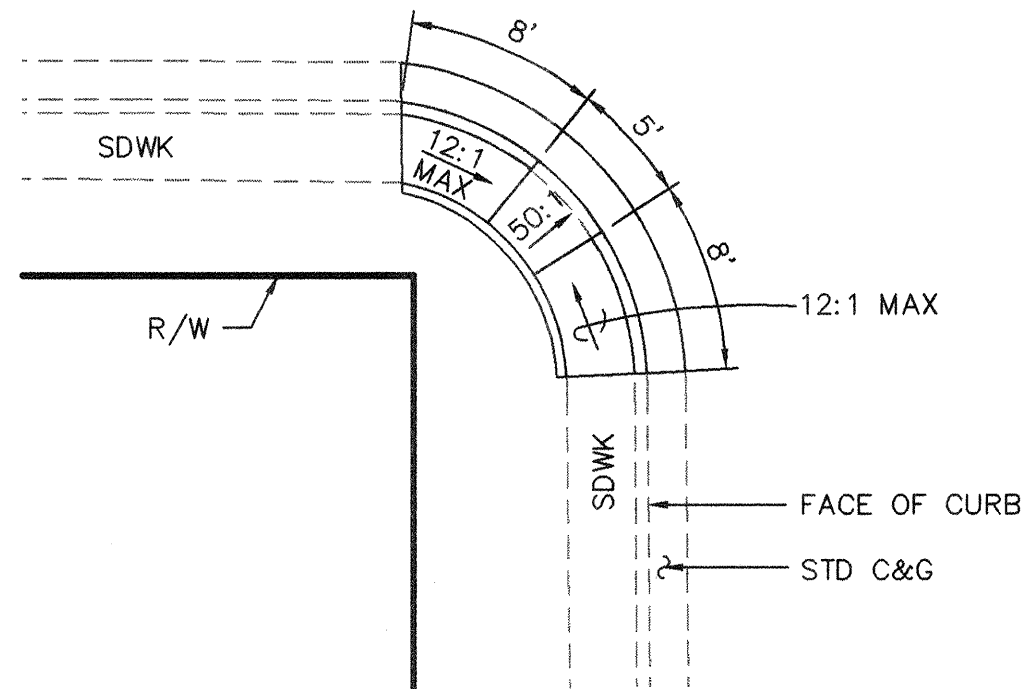
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128 Monroe Street N.E.
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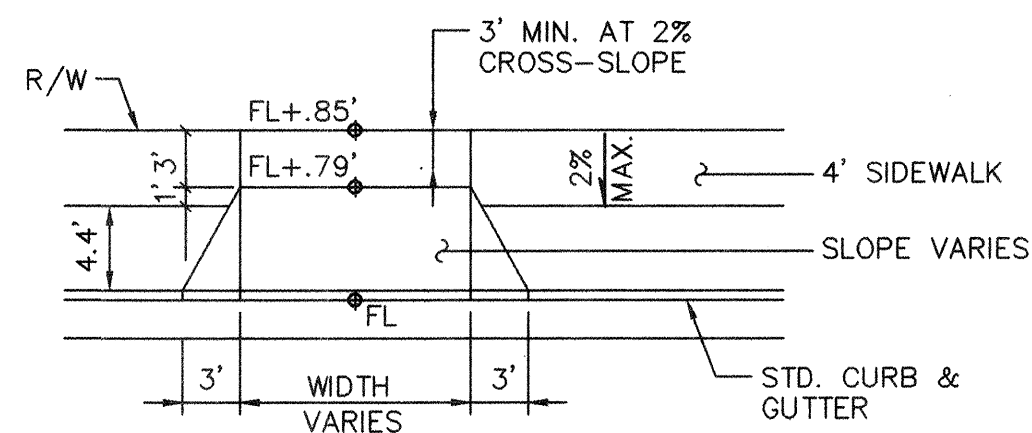
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRUMBULL STREETSCAPE
SAN PABLO STREET SE
STA 13+00.00 TO STA 17+00.00
PAVING PLAN & PROFILE**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVE	APPROVE		
REVIEW COMMITTEE	CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
6214.91	L-19	5	18

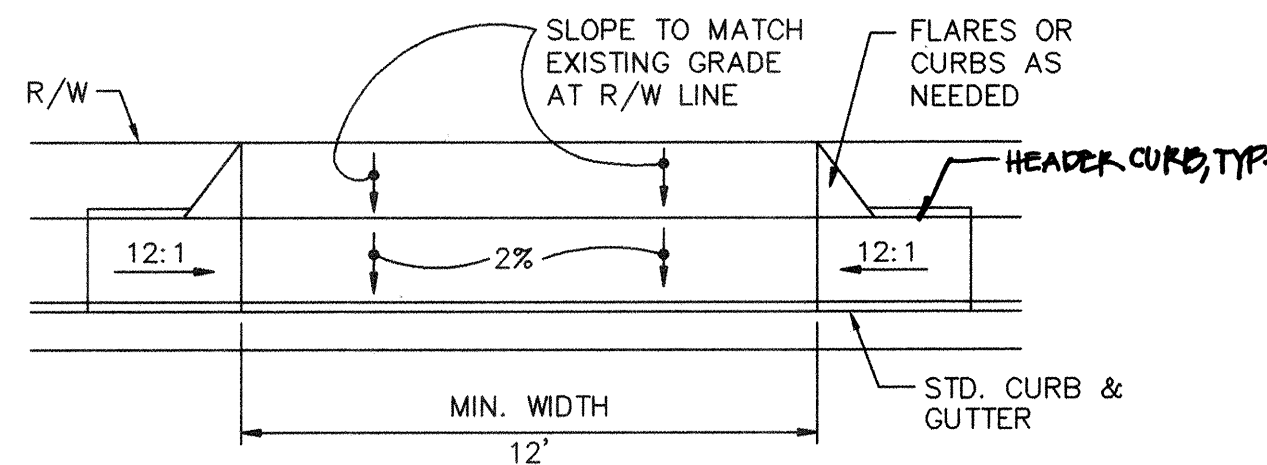


WHEELCHAIR RAMP
1"=10'

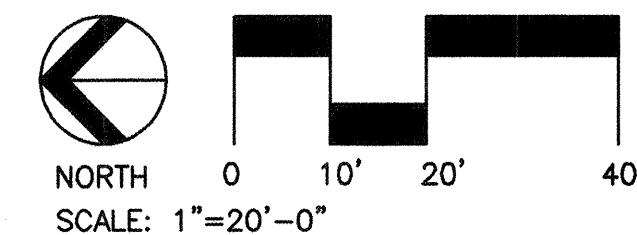


NOTE: MINIMUM DRIVEPAD
RECONSTRUCTION WIDTH IS 12'.

DRIVEPAD DETAIL A
1"=10'



DRIVEPAD DETAIL B
1"=10'



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRUMBULL STREETSCAPE
PAVING DETAILS**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUN 27 2001 DESIGN	APPROVED JUN 27 2001 CITY ENGINEER		
City Project No. 6214.91	Zone Map No. L-19	Sheet 7 Of 18	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
	BY	1	FIELD NOTES WILSON & CO.	12/98	ACS STA " 1-L19 " - A SQUARE CHISELED ON TOP OF THE ESE CURB RETURN AT THE INTERSECTION OF TEXAS AND ZUNI SE. ELEVATION = 5374.16	CONTRACTOR STAKED BY	DATE
						INSPECTOR'S APPROVED BY	DATE
						FIELD CORRECTED BY	DATE
						MICRO-FILM RECORDED BY	DATE
						NO.	

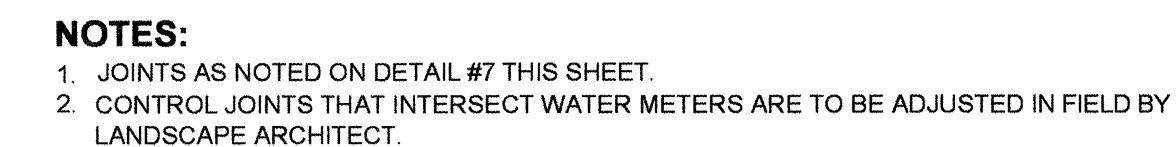
1. TILE LOCATIONS TO BE DETERMINED BY LANDSCAPE ARCHITECT AFTER WALL FORMS ARE IN PLACE, BUT PRIOR TO POURING.
2. ALL RELIEFS/PANELS TO BE PARALLEL TO TOP OF WALL.
3. 2" MINIMUM BETWEEN RELIEFS/PANELS.
4. SEE SPECIFICATIONS FOR ART WORK COORDINATION.
ALL TILE MOSAICS AND GROUTING NC. - BY ARTIST.



1. TILE LOCATIONS TO BE DETERMINED BY LANDSCAPE ARCHITECT AFTER WALL FORMS ARE IN PLACE, BUT PRIOR TO POURING.
2. ALL RELIEFS/PANELS TO BE PARALLEL TO TOP OF WALL.
3. 2" MINIMUM BETWEEN RELIEFS/PANELS.
4. SEE SPECIFICATIONS FOR ART WORK COORDINATION.



SCALE: 3/4"=1' - 0"



NOTES:

1. CONCRETE COLOR-DAVIS, PLUM FOR WALL AND PALAMINO FOR STEP. SEE SPECIFICATIONS.
2. ONE VERTICAL EXPANSION JOINT WHERE SHOWN.
3. WALL SURFACE EXCEPT FOR TILE TO BE COVERED WITH ANTI-GRAFFITTI COATING.
4. CONTRACTOR TO SUBMIT MANUFACTURER'S SPECIFICATION AND TECHNICAL INFORMATION TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO APPLICATION

SCALE: 1"=1' - 0"



SCALE: 1"=1' - 0"



SCALE: 1/4"=1' - 0"

1. TILE LOCATIONS TO BE DETERMINED BY LANDSCAPE ARCHITECT AFTER WALL FORMS ARE IN PLACE, BUT PRIOR TO POURING.
2. ALL RELIEFS/PANELS TO BE PARALLEL TO TOP OF WALL
3. 2" MINIMUM BETWEEN RELIEFS/PANELS.
4. SEE SPECIFICATIONS FOR ART WORK COORDINATION. ALL TILE MOSAICS AND GROUTING NIC. - BY ARTIST.

— 1'-5" x 12'-9" TILE PANEL TO BE INSET 1",
INCLUDING 1/4" CHAMFER ALL AROUND.
THE PANEL TO BE FASTENED BY CONTRACTOR
PER THE ARTIST'S INSTRUCTION.

SEE ALSO D4 THIS SHEET

ELEVATION

SCALE: 1/4"=1' - 0'

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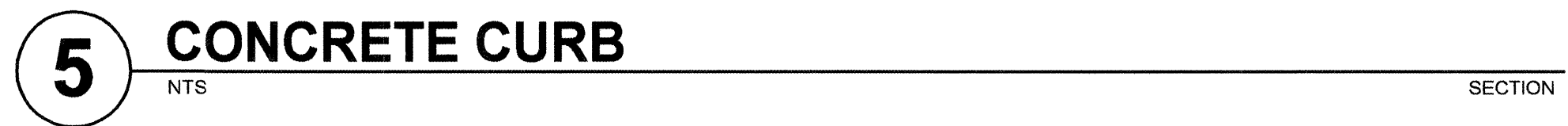
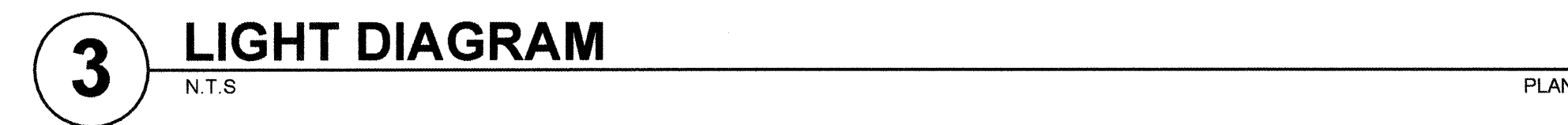
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE:	TRUMBULL STREETSCAPE SHEET: CONSTRUCTION DETAILS

Design Review Committee
APPROVED
JUN 27 2001
DESIGN
REVIEW COMMITTEE

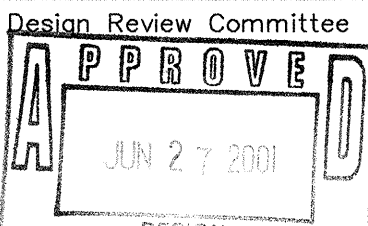
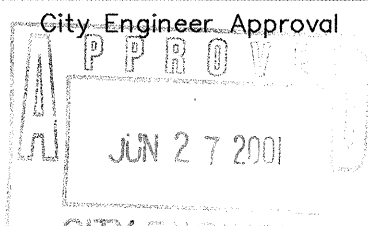
City Engineer Approval
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JUN 27 2001
CITY ENGINEER

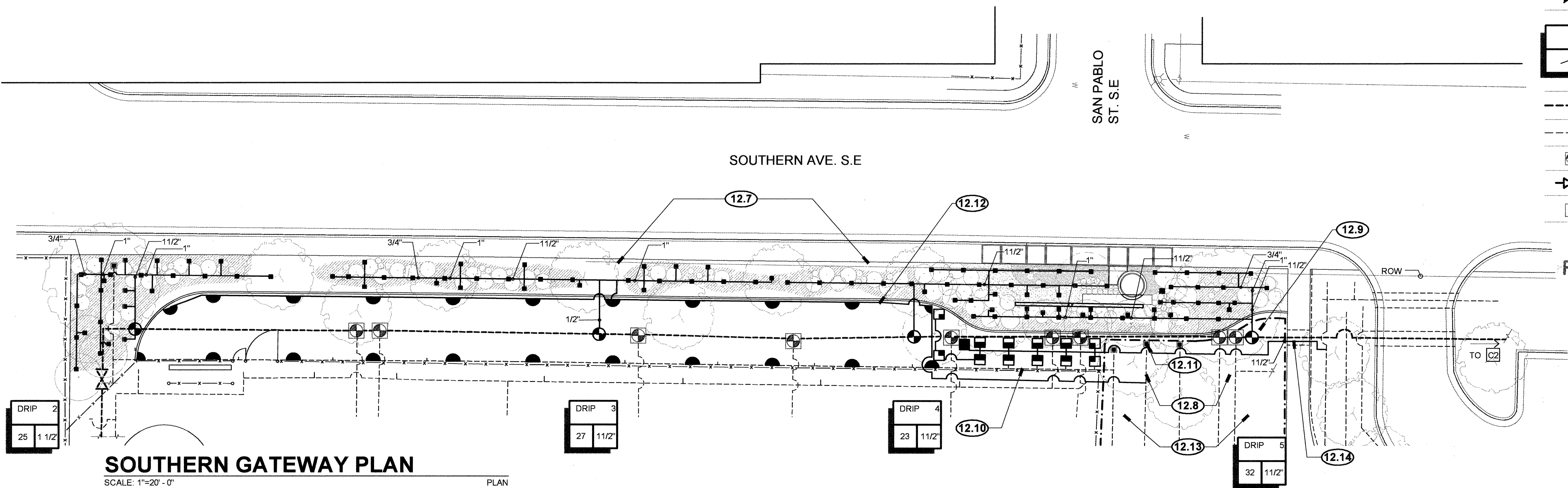
Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	6214.91	Zone Map No.	L-19-Z	Sheet	9	Of	19
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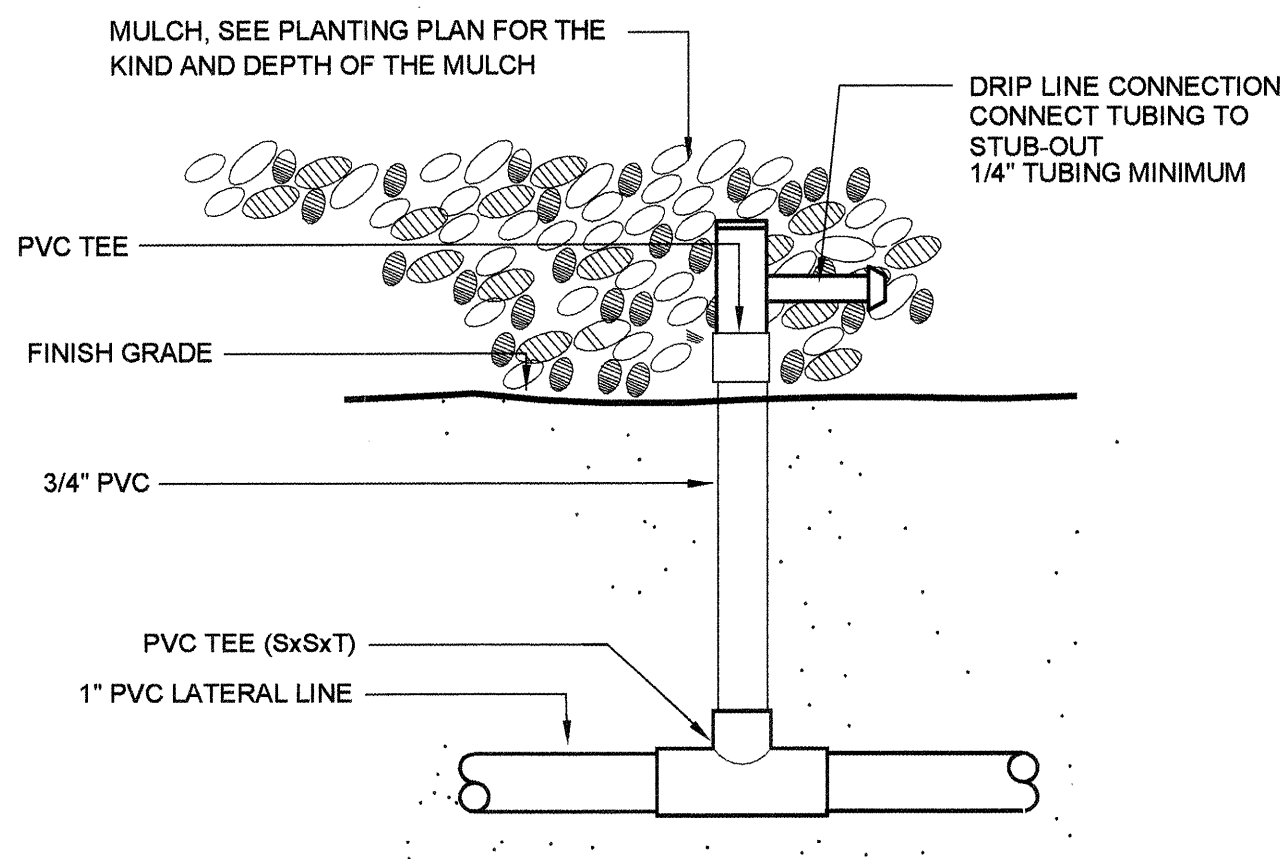


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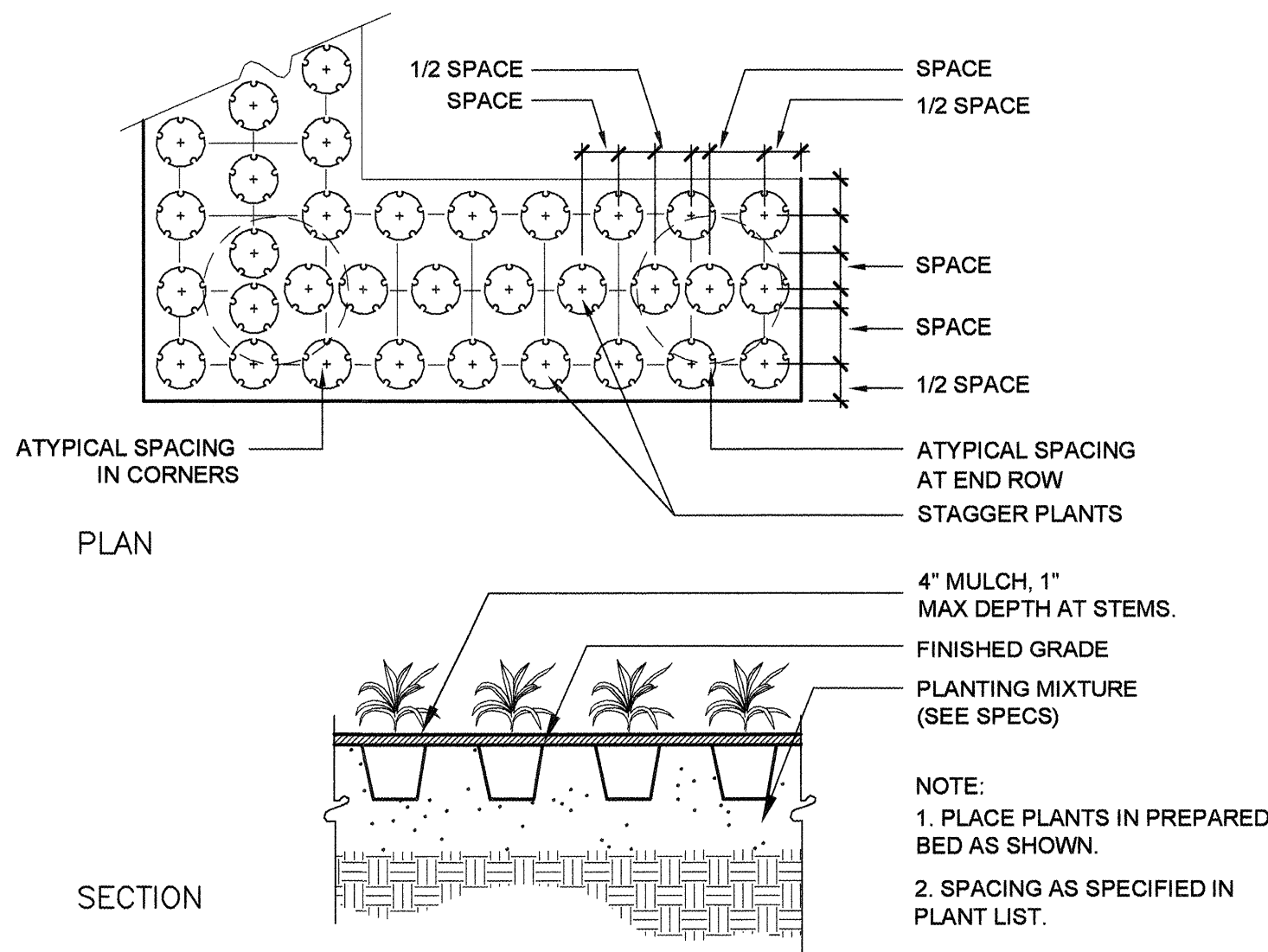
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP				
TITLE: TRUMBULL STREETSCAPE SHEET: CONSTRUCTION DETAILS				
Design Review Committee  APPROVED JUN 27 2001 DESIGN REVIEW COMMITTEE	City Engineer Approval  APPROVED JUN 27 2001 CITY ENGINEER	Last Design Update	Mo./Day/Yr. 	Mo./Day/Yr.
City Project No.	6214.91	Zone Map No. L-19-Z	Sheet	Of 19



SYMBOL	TYPE	MODEL	MANUFACTURER	DESCRIPTION	NOTES
	ROTORS	I-20-ADV-2.0LA	HUNTER	4" POP-UP SPRAY HEAD, LOW ANGLE NOZZLE, 25" RADIUS	INSTALL PER COA DETAIL 2709. CONFIRM COMPATIBILITY WITH EXISTING IRRIGATION SYSTEM IN THE FIELD.
	SPRAY HEADS			POP-UP SPRAY HEAD, 10' RADIUS	SPRAY HEADS TO MATCH HEADS ON EXISTING ZONE
	CAPPED LATERAL LINE				
	DRIP START CONNECTION			-	INSTALL PER DETAIL #1 THIS SHEET
	PLASTIC REMOTE CONTROL ZONE VALVE, BALL VALVE, IN-LINE Y-FILTER AND PRESSURE REDUCER, BOX W/ LOCKING COVER	150-PESB-PRS-B SERIES W/ BALL VALVE Y-FILTER W/150 MESH SCREEN, PRESS. RED. MODEL 1730 SERIES BOX	RAINBIRD SPEARS AG PRODUCTS SINNERGER CARSON	- -	INSTALL PER COA DETAIL 2703 SIZE AS INDICATED ON DWGS. -USE RED COLORED WIRES FOR ZONE VALVES, WHITE FOR COMMON, LID COLOR GREEN IN GRASS/ GREY IN GRAVEL
	LATERAL LINE	SCHEDULE 40 PVC		-	SIZE AS INDICATED ON PLAN
	SLEEVE	SCHEDULE 200 PVC		-	SIZE 2 TIMES LARGER THAN PIPE SIZE. ONE SLEEVE PER PIPE. PROVIDE SEPARATE SLEEVE FOR WIRE BUNDLE
	GATE VALVE				
	STATION NUMBER ESTIMATED GALLONS PER MINUTE AT MATURITY VALVE SIZE				GALLONS PER MINUTE VOLUME AMOUNTS ARE ESTIMATED, AND REFLECT POTENTIAL WATER REQUIREMENT AT MATURITY.
	EXISTING 6" MAIN LINE				PRESERVE AND PROTECT. MODIFY AS REQUIRED TO
	EXISTING LATERAL LINE				
	EXISTING IRRIGATION VALVE				PRESERVE EXISTING IRRIGATION THAT IS TO REMAIN
	EXISTING GATE VALVE				
	EXISTING CONTROLLER				C1- NORTH OF ZUNI C2- SOUTH OF SOUTHERN CONNECTIONS PER COA DETAIL 2707



N.T.S. SECTION



2) N.T.S

VALVE NO.	VALVE SIZE	TOTAL GPM	HEAD TYPE	PRECIP. RATE	RUN TIME MINUTES/ 8 HR. PERIODS	INCHES/ MONTH	PLANT MATERIAL	CONTROLLER C-1, C-2
1	1 1/2"	25	DRIP	NA	1 Hour	NA	Trees, shrubs and groundcovers	C-1
2	1 1/2"	25	DRIP	NA	1 Hour	NA	Trees, shrubs and groundcovers	C-2
3	1 1/2"	27	DRIP	NA	1 Hour	NA	Trees, shrubs and groundcovers	C-2
4	1 1/2"	23	DRIP	NA	1 Hour	NA	Trees, shrubs and groundcovers	C-2
5	1 1/2"	32	DRIP	NA	1 Hour	NA	Trees, shrubs and groundcovers	C-2

ABBR.	BOTANICAL NAME	COMMON NAME	APPROX. QTY.	SIZE	COND.	MATURE SIZE (HxW)	COMMENTS	EMITTER SCHEDULE
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DECIDUOUS TREES							
CL	Chilopsis linearis	Desert Willow	7	24" BOX	CONT.	20' x 15'	Multi-trunk
PA	Platanus x acerifolia	London Planetree	6	2 1/2" CAL.	B&B	40' x 20'	

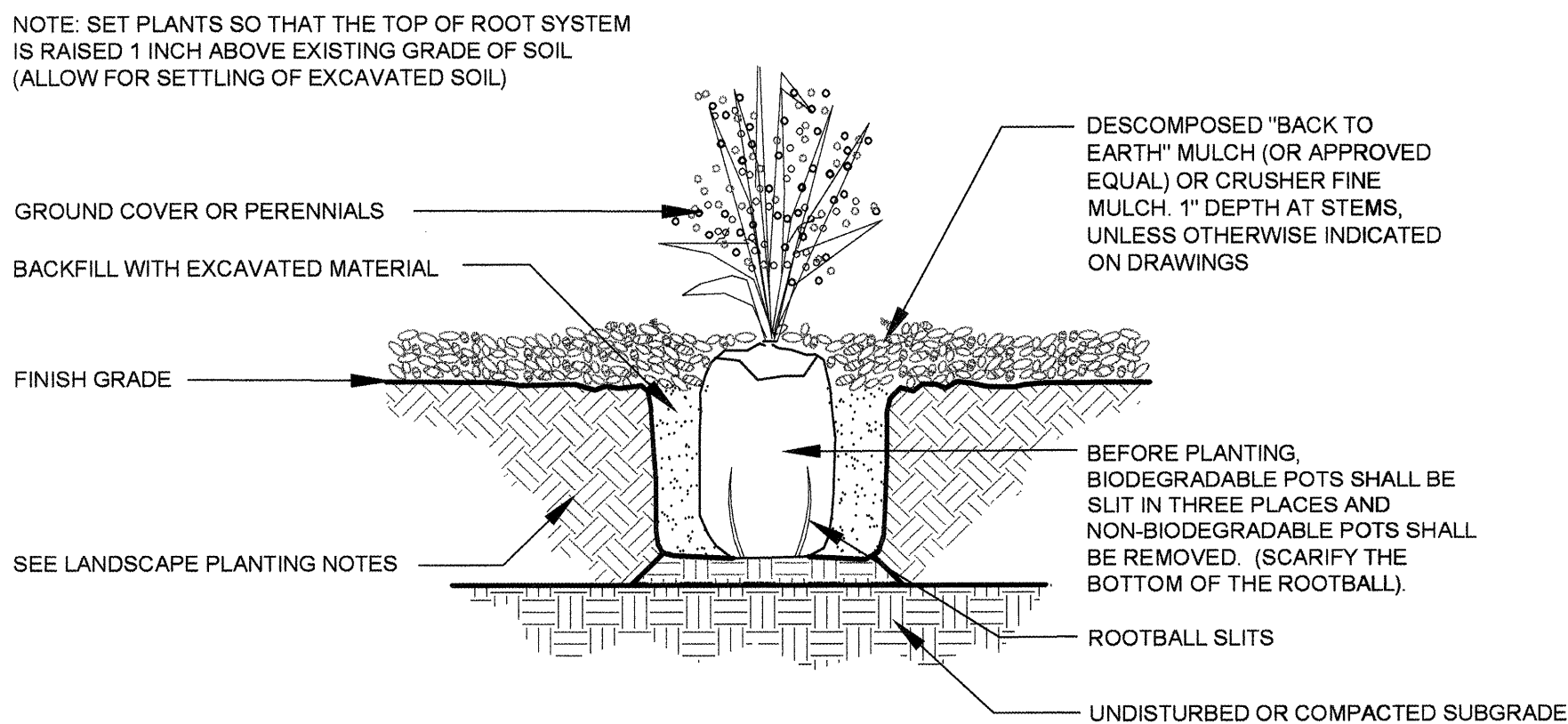
bd	<i>Buddleia davidii</i>	<i>nanhoensis</i> "Petite Plum"	Petite Plum	Butterflybush	14	5 GAL.	CONT.	4' x 4'	3 @ 2GPH
cn	<i>Chrysothamnus</i>	<i>nauseosus</i>	Chamisa		27	5 GAL.	CONT.	5' x 5'	2 @ 1GPH
ms	<i>Miscanthus</i>	<i>sinensis</i> "Gracilimus"	Maiden Grass		14	5 GAL.	CONT.	3' x 2GPH	3 @ 2GPH
rp	<i>Rosmarinus</i>	<i>prostratus</i> "Collingwood Ingram"	Prostrate Rosemary		16	5 GAL.	CONT.	2' x 6'	3 @ 2GPH
rt	<i>Rhus</i>	<i>trilobata</i>	Three-leaf Sumac		21	5 GAL.	CONT.	3' x 5'	2 @ 2GPH

aca	<i>Anemopsis californica</i>	Yerba Mansa	1474	FLAT	FLAT	1' x 1.5'	Plant spacing 8" O.C.	1	@ 2GPH
afm	<i>Achillea filipendulina</i> "Moonshine"	Moonsbane Yarrow	19	1 GAL.	CONT.	2' x 2'		1	@ 2GPH
arl	<i>Artemisia ludoviciana</i>	Prairie Sage	505	1 GAL.	CONT.	1.5' x 2'	Plant spacing 2'-0" O.C.	1	@ 1GPH
api	<i>Ceratostigma plumbaginoides</i>	Dwarf Plumbago	712	FLAT	FLAT	1' x 2'	Plant spacing 8" O.C.	1	@ 2GPH
cra	<i>Campsis radicans</i>	Trumpet Vine	1	5 GAL.	CONT.	NA.		2	@ 2GPH
lfs	<i>Liatris puncata</i>	Gayfeather	44	1 GAL.	CONT.	1.5' x 2'		1	@ 2GPH
npu	<i>Nepeta x faassenii</i> "Select Blue"	Select Blue Catnip	14	1 GAL.	CONT.	1.5' x 2'		1	@ 2GPH

1. LOCATIONS OF IRRIGATION LINES, VALVES, HEADS, AND ALL OTHER RELATED IRRIGATION APPEARANCES SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC ONLY. THE EXACT LOCATION OF THE ABOVE NEED TO BE APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT.
2. STAKE ALL UTILITIES, INCLUDING SEWER AND DRAINAGE PRIOR TO ANY EXCAVATION FOR IRRIGATION
3. SIMULTANEOUS FIELD STAKING OF PLANT MATERIAL AND IRRIGATION LAYOUT IS REQUIRED FOR LANDSCAPE ARCHITECTS APPROVAL BEFORE PROCEEDING WITH THE IRRIGATION WORK.
4. MAINLINE IS TO BE BURIED A MINIMUM OF 36". THE LATERAL LINES ARE TO BE BURIED A MINIMUM OF 18".
5. ALL IRRIGATION PIPE UNDER PAVEMENT TO BE PLACED IN A SLEEVE TWO SIZES LARGER THAN THE PIPE BEING SLEEVED, OR THE COMBINED DIAMETERS OF THE PIPES BEING SLEEVED, COORDINATE WITH CONCRETE WORK TO PLACE SLEEVES UNDER PAVEMENT.
6. RADIUS ADJUSTMENTS SHALL BE MADE ON ALL SPRAY HEADS FOR OPTIMUM COVERAGE AND TO MINIMIZE OVERSPRAY ONTO PAVEMENT SURFACES OR WALLS.
7. IRRIGATION SYSTEM IS DESIGNED TO OPERATE AT 30-40 PSI AT THE HEADS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT SUFFICIENT PRESSURE IS AVAILABLE AT THE SOURCE FOR THE SYSTEM TO OPERATE AS DESIGNED AT THE SPECIFIED PRESSURE.
8. CONTRACTOR IS TO WIRE ALL PROPOSED VALVES TO EXISTING IRRIGATION CONTROLLERS.
9. EXISTING LINE AND HEAD LOCATIONS BASED ON A COMBINATION OF INTERVIEWS, FIELD VISITS AND DESIGN / PARK PLANS. RENOVATION WILL REQUIRE THAT IRRIGATION SYSTEM COMPONENTS BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
10. LANDSCAPE ARCHITECT TO PROVIDE ASSISTANCE TO CONTRACTOR AS NECESSARY, SHOULD THE IRRIGATION DESIGN NEED TO BE REEVALUATED DUE TO FIELD CONDITIONS.
11. VALVE NUMBERING FOR PLAN IDENTIFICATION ONLY. GALLONS PER MINUTE VOLUMES ARE GROSS ESTIMATES BASED ON AN AVERAGE OF 9 GPM. PER DRIP START CONNECTION.
12. NEW HEADS ON EXISTING LATERALS, OR ON A NEW EXTENSION FROM AN EXISTING LATERAL, ARE TO MATCH THE OTHER HEADS ON THE LINE.
13. HAND TRENCH WITHIN 6'-8" OF EXISTING TREES AND THEIR ROOTS.

USE THE FOLLOWING CHART TO SIZE SCHEDULE 40 PVC LATERAL PIPES. SIZE TO BE BASED ON THE MAXIMUM FLOW THROUGH THE SECTION OF PIPE.

PIPE SIZE	FLOW RATE RANGE
.75"	0 TO 8 GPM
1"	8 TO 12 GPM
1.25"	13 TO 21 GPM
1.5"	22 TO 30 GPM
2"	31 TO 50 GPM
2.5"	51 TO 70 GPM
MINIMUM PIPE SIZE IS .75"	



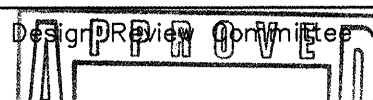
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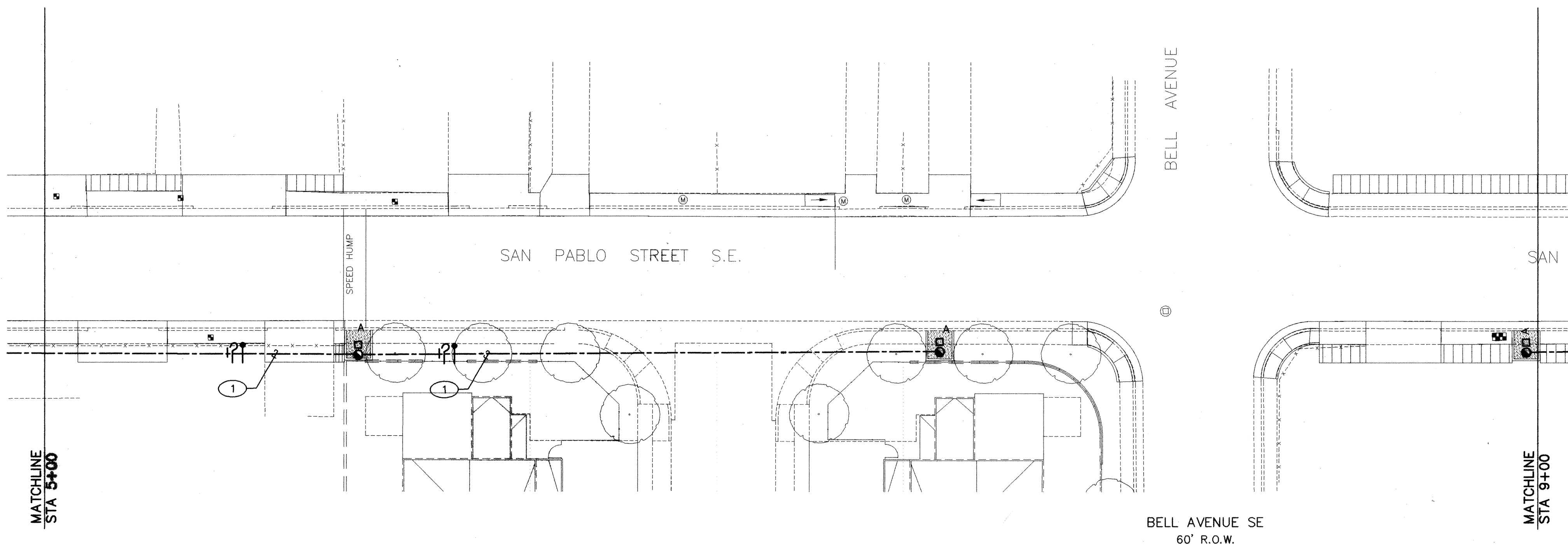
1. ALL TREES AND SHRUBS TO BE INSTALLED PER COA STD. DETAILS UNLESS OTHERWISE SPECIFIED.
2. ALL PLANT MATERIAL SHALL CONFORM TO THE SIZES GIVEN IN THE PLANT LIST AND SHALL BE NURSERY GROWN IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION.
3. ALL PLANTING SHALL BE IN ACCORDANCE WITH STANDARD AMERICAN NURSERYMEN PROCEDURES AND CITY OF ALBUQUERQUE SPECIFICATIONS.
4. ALL PLANT MATERIAL IS SUBJECT TO FINAL APPROVAL BY LANDSCAPE ARCHITECT. OBTAIN APPROVAL FROM THE OWNER AND LANDSCAPE ARCHITECT BEFORE MAKING ANY SUBSTITUTIONS OR CHANGES.
5. DRAWN PLANS TAKE PRECEDENCE OVER PLANT LIST PROVIDED AND BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES IF ANY DISCREPANCY OCCURS.
6. LOCATION AND ORIENTATION OF ALL TREES MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. CONTRACTOR TO STAKE TREE LOCATIONS FOR APPROVAL PRIOR TO ANY EXCAVATION FOR TREE HOLES.
7. CONTRACTOR OR OWNER'S REPRESENTATIVE SHALL VERIFY THE CORRECT LOCATION OF ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO INSTALLATION OF ANY PLANT MATERIAL OR IRRIGATION SYSTEMS.
8. MULCH FOR PLANTING AREAS - EXCEPT FOR YERBA MANSA AND PLUMBAGO AREAS; CRUSHER FINE MULCH, PLACED TO A 4" DEPTH, EXCEPT AT PLANT STEMS, (REFER TO DETAIL). SUBMIT SAMPLE TO LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE FOR APPROVAL. PRIOR TO PURCHASE.
9. MULCH FOR YERBA MANSA AND PLUMBAGO AREAS: MULCH SHALL CONSIST OF FINELY GRADED, DECOMPOSED "BACK TO EARTH" MULCH (OR APPROVED EQUAL), INSTALLED TO A 4" DEPTH.
10. LAYOUT OF PLANT MATERIAL TO BE (LOCATED) STAKED IN FIELD BY CONTRACTOR AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.
11. FOR ANEMOPSIS CALIFORNICA AND CERATOSTIGMA PLUMBAGINOIDES ROTOTILL PLANTING BED SOIL TO A DEPTH OF 6-8 INCHES. SPREAD 6 INCHES OF PLANTING SOIL MIXTURE OVER BED AND ROTOTILL INTO SOIL. FOR ALL OTHER PERENNIALS AND SHRUB BEDS ROTOTILL PLANTING BED SOIL TO A DEPTH OF 6 INCHES. SPREAD 3 INCHES OF PLANTING SOIL MIXTURE OVER BED AND ROTOTILL INTO SOIL.
12. HAND TRENCH WITHIN 6'-8" OF EXISTING TREES AND THEIR ROOTS.
13. ROOT BARRIER TO BE USED IN SIDEWALK PLANTERS NEAR THE ZUNI GALLERY. CONTRACTOR TO SUBMIT MANUFACTURE'S TECHNICAL INFORMATION AND SPECIFICATION TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL. ROOT BARRIER TO BE IMPERMEABLE. SHEET MEMBRANE INSTALLED AROUND THE PERIMETER OF EACH SIDEWALK PLANTER.
14. TREE PLANTING DETAILS:
 - IN SIDEWALK PLANTER - COA STD DWG NO 2715
 - RELOCATED IN TURF - COA STD DWG NO 2713
 - IN SHRUB BED - COA STD DWG NO 2714, -
 - EXCEPT SURROUNDING SOIL TREATMENT TO BE MODIFIED PER LANDSCAPE PLANTING NOTES.
15. SHRUB PLANTING DETAILS:
 - IN SIDEWALK PLANTER - COA STD DWG NO 2715, -
 - EXCEPT SUBGRADE TO BE BUILT UP AND COMPACTED TO ACHIEVE PROPER DEPTH FOR PLANT AND MINIMIZE SETTLING.
 - IN SHRUB BED - COA STD DWG NO 2717, -
 - EXCEPT SURROUNDING SOIL TREATMENT TO BE MODIFIED PER LANDSCAPE PLANTING NOTES.

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: TRUMBULL STREETSCAPE
IRRIGATION/PLANTING SCHEDULE & DETAILS

				Last Design Update	Mo./Day/Yr.		Mo./Day/Yr.	
City Project No. 6214.91		Zone Map No. L-19-Z			Sheet 13	Of 19		



SAN PABLO STREET SE

1. EXTEND 1" CONDUIT WITH #8 CONDUCTORS AS SHOWN.
2. METER/POWER DISTRIBUTION CENTER REFER TO POWER RISER DIAGRAM SHEET 16
3. EXTEND CONDUIT TO EXISTING PNM POWER POLE. REFER TO POWER RISER DIAGRAM CONDUIT AND CONDUCTOR SIZES. ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE WITH PNM FOR EXACT LOCATIONS OF EXISTING POWER POLES.

1. ELECTRICAL CONTRACTOR SHALL COORDINATE ROUTING OF ALL UNDERGROUND CONDUIT SO THAT CONDUIT IS RUN IN EXCAVATED AREAS. ALL MEASURES SHALL BE TAKEN TO AVOID CUTTING EXISTING PAVEMENT.
2. IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO COORDINATE WITH CITY OF ALBUQUERQUE STANDARD DRAWING #2465 FOR ANY SAW-CUTTING AND REPLACEMENT OF PAVEMENT.

NORTH
SCALE: 1"=20'-0"

0 10' 20' 40'

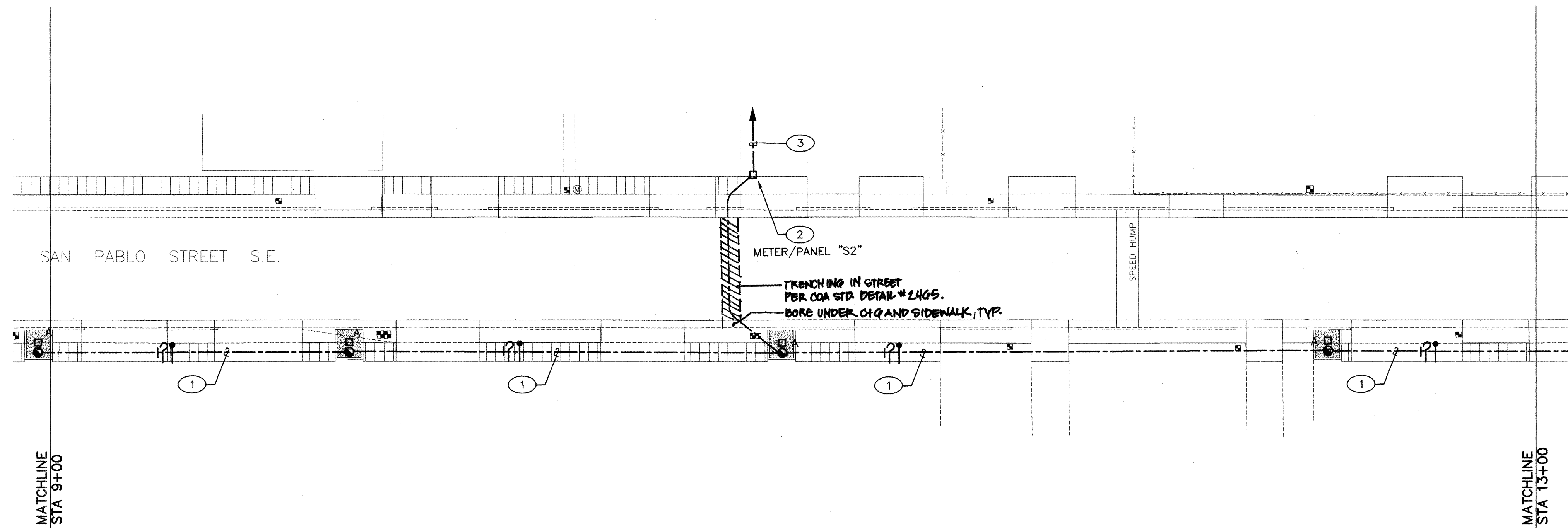
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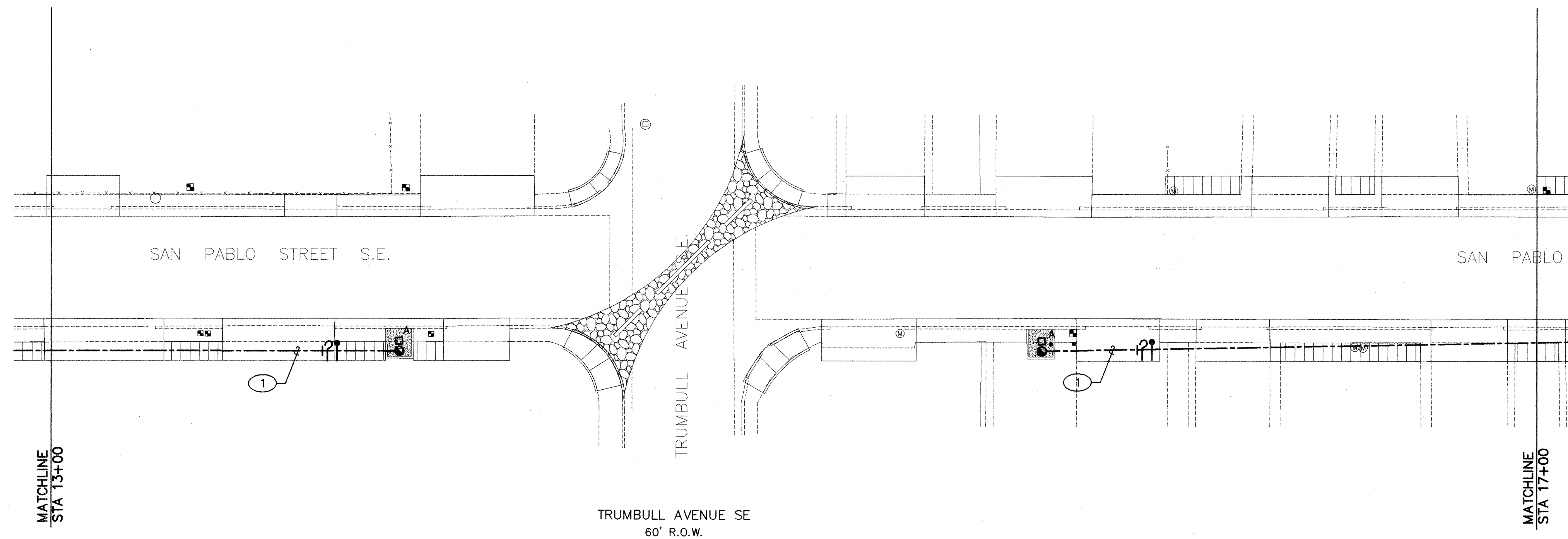
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TITLE: TRUMBULL STREETSCAPE DESIGN DEVELOPMENT PHASE															
Design Review Committee APPROVED JUN 27 2001 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED JUN 27 2001 CITY ENGINEER	Last Design Update	<table border="1"> <tr> <th>Mo./Day/Yr.</th> <th>Mo./Day/Yr.</th> </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> </table>	Mo./Day/Yr.	Mo./Day/Yr.										
Mo./Day/Yr.	Mo./Day/Yr.														
City Project No. 6219-91 5874.01	Zone Map No. L-19-Z	Sheet 14	Of 19												

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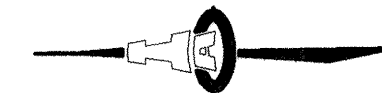
06_005-00-073 TRUMBULL STREETSCAPE L-2



SAN PABLO STREET SE



SAN PABLO STREET SE



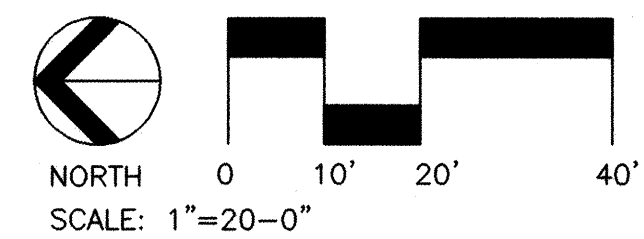
KEYED NOTES

1. EXTEND 1" CONDUIT WITH #8 CONDUCTORS AS SHOWN.
2. METER/POWER DISTRIBUTION CENTER REFER TO POWER RISER DIAGRAM SHEET 16
3. EXTEND CONDUIT TO EXISTING PNM POWER POLE. REFER TO POWER RISER DIAGRAM CONDUIT AND CONDUCTOR SIZES. ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE WITH PNM FOR EXACT LOCATIONS OF EXISTING POWER POLES.

GENERAL NOTES

1. ELECTRICAL CONTRACTOR SHALL COORDINATE ROUTING OF ALL UNDERGROUND CONDUIT SO THAT CONDUIT IS RUN IN EXCAVATED AREAS. ALL MEASURES SHALL BE TAKEN TO AVOID CUTTING EXISTING PAVEMENT.
2. IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO COORDINATE WITH CITY OF ALBUQUERQUE STANDARD DRAWING #2465 FOR ANY SAW-CUTTING AND REPLACEMENT OF PAVEMENT.

FOR INFORMATION ONLY



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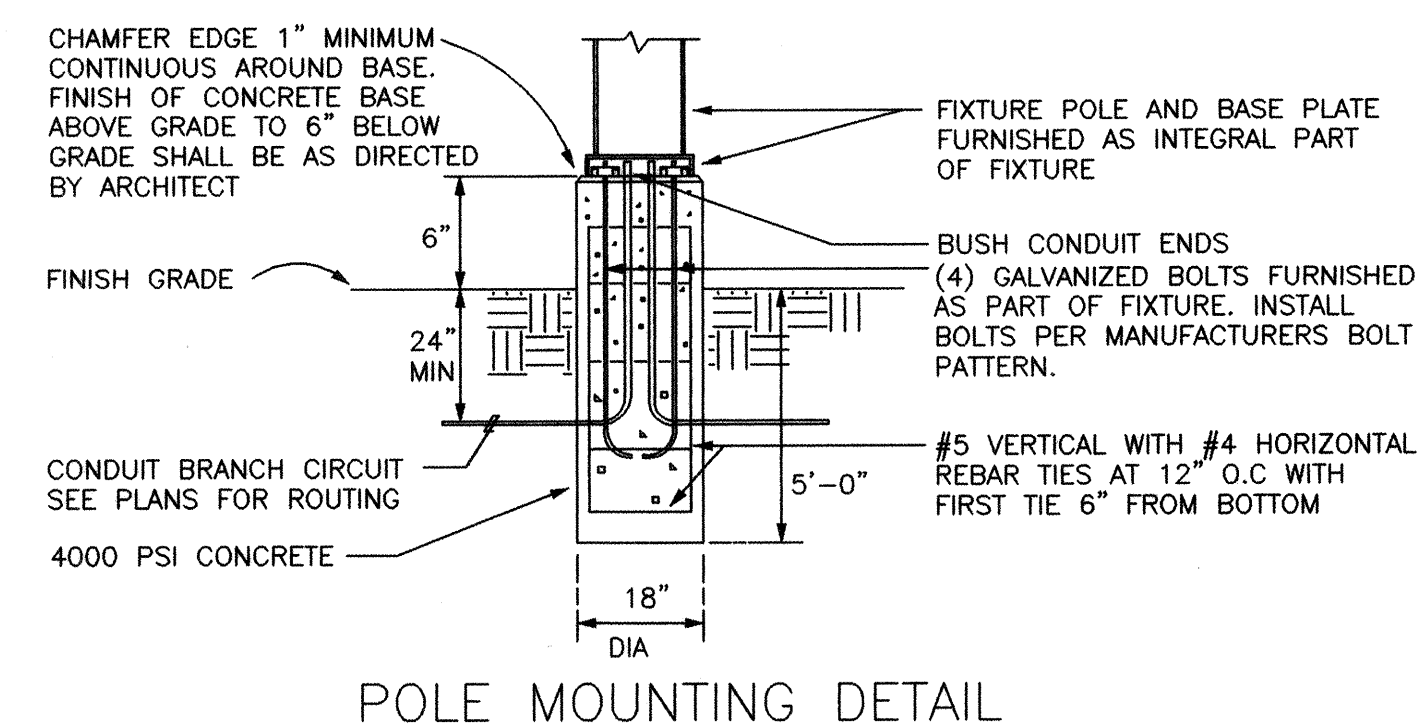
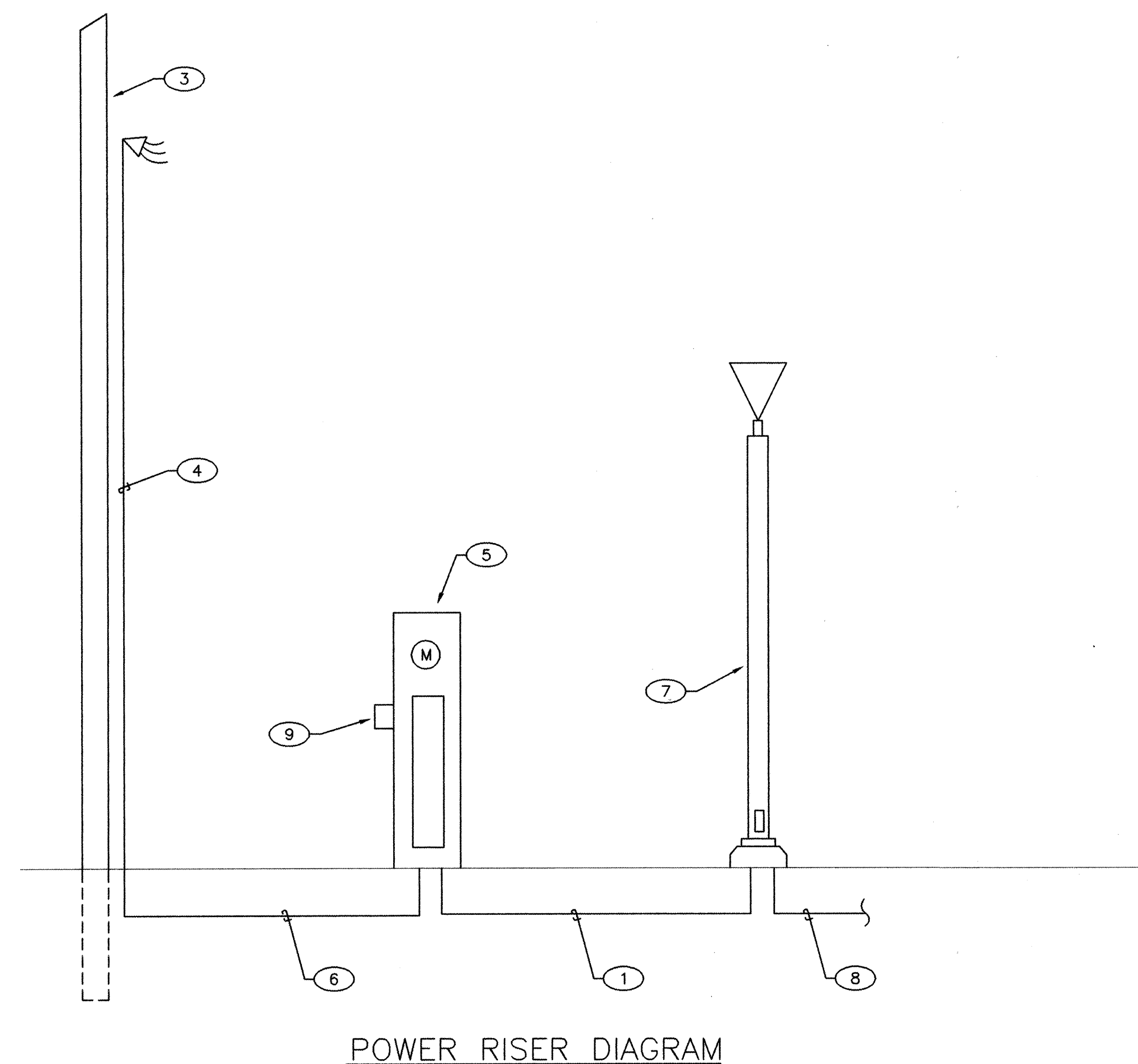


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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: TRUMBULL STREETSCAPE DESIGN DEVELOPMENT PHASE			
Design Review Committee APPROVE JUN 27 2001 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE JUN 27 2001 CITY ENGINEER	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 6219.91 5874.01	Zone Map No. L-19-Z	Sheet 15	Of 19

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	WORK SHOWN BY	DATE
				FIELD OBSERVATION BY	DATE
				RECORDED BY	DATE
				MICRO-FILM INFORMATION	DATE
				NO.	DATE

LANDSCAPE ARCHITECT'S SEAL
[Signature]
6297
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
5-25-01



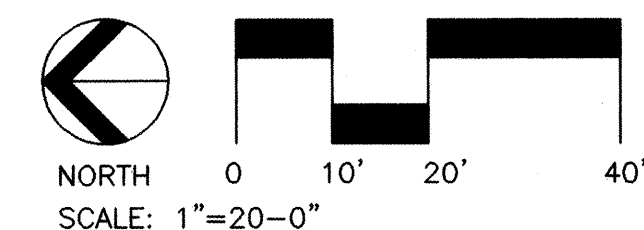
FIXTURE SCHEDULE								
TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION / LOCATION	LAMPS			MOUNTING INSTRUCTIONS	REMARKS
				TYPE	WATTS	QTY.		
A	BEGA	8101MH-916HR	POLE TOP INDIRECT LUMINAIRE WITH 15' POLE	MH	150	1	SEE POLE BASE DETAIL	

SWITCHBOARD SCHEDULE				
PANEL DESCRIPTION	CCT. NO.	CCT. BKR	WIRE SIZE	LOAD
COMMERCIAL METER SWITCHBOARD "S1", "S2" & "S3" SINGLE METER SOCKET 120/240V, 1Ø, 3 WIRE, 100A, MCB, BOTTOM FEED, ONE SECTION 12 CIRCUIT	1 & 2	20/1	#8 MIN	STREET LIGHTS
	3-12	1 POLE	---	SPACE PROVISIONS

1. EXTEND 1" CONDUIT WITH #8 CONDUCTORS.
2. METER/POWER DISTRIBUTION CENTER REFER TO POWER RISER DIAGRAM THIS SHEET.
3. EXISTING PNM POWER POLE.
4. POWER POLE RISER PER PNM DISTRIBUTION STANDARD DRAWING DS-4-10.0.
5. METER PEDESTAL, REFER TO METER PEDESTAL DETAILS SHEET 17
6. 3" CONDUIT WITH EXTENDED TO PNM POLE AND RISER.
7. TYPICAL DECORATIVE PEDESTRIAN SCALE STREET LIGHT. REFER TO FIXTURE SCHEDULE THIS SHEET.
8. EXTEND 1" CONDUIT WITH #8 CONDUCTORS TO NEXT POLE LIGHT FIXTURE AND CONTINUE AS SHOWN ON PLANS.
9. PHOTOCELL MOUNTED IN A SOUTH FACING DIRECTION. REFER TO SERVICE EQUIPMENT WIRING DIAGRAM SHEET 17
10. EXTEND CONDUIT TO EXISTING PNM POWER POLE. REFER TO POWER RISER DIAGRAM CONDUIT AND CONDUCTOR SIZES. ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE WITH PNM FOR EXACT LOCATIONS OF EXISTING POWER POLES.

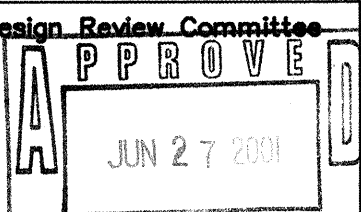
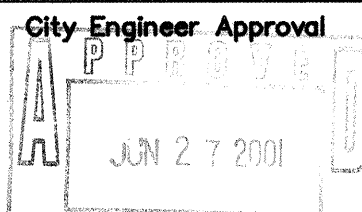
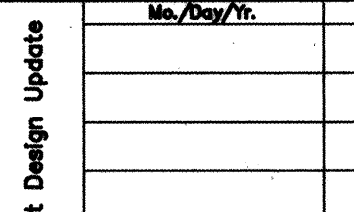
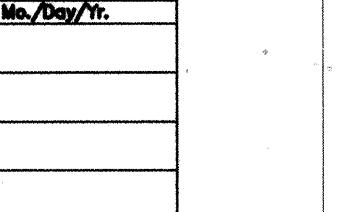
1. ELECTRICAL CONTRACTOR SHALL COORDINATE ROUTING OF ALL UNDERGROUND CONDUIT SO THAT CONDUIT IS RUN IN EXCAVATED AREAS. ALL MEASURES SHALL BE TAKEN TO AVOID CUTTING EXISTING PAVEMENT.
2. IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO COORDINATE WITH CITY OF ALBUQUERQUE STANDARD DRAWING #2465 FOR ANY SAW-CUTTING AND REPLACEMENT OF PAVEMENT.

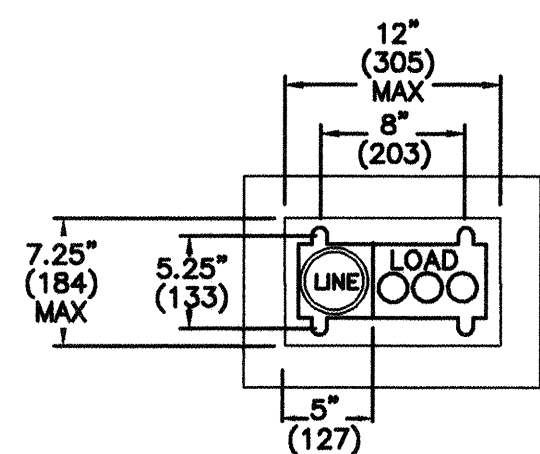
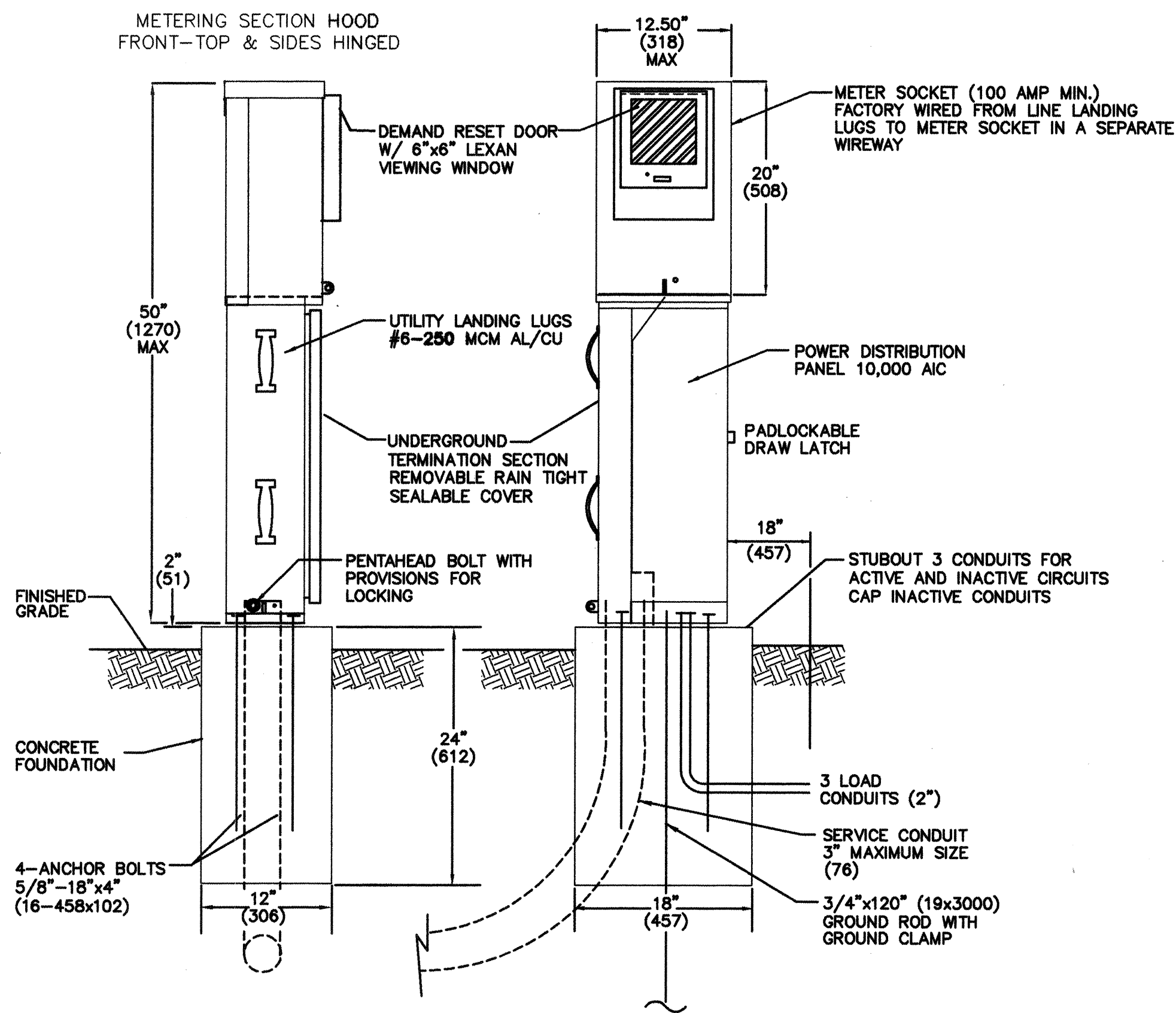
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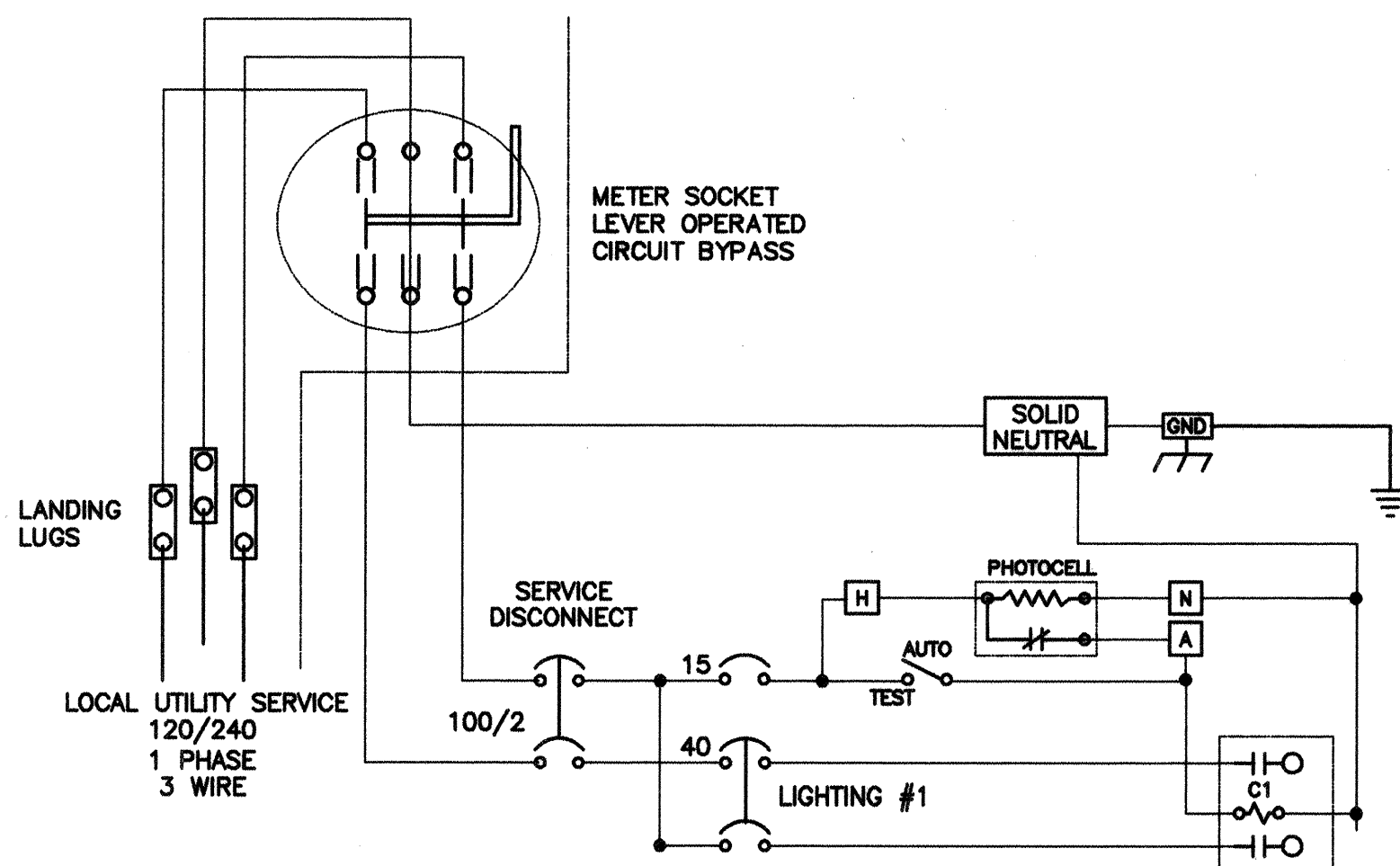
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP				
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CONSTRUCTION MATERIALS AND FINISH	
☒ 12 GA HD GALVANIZED SHEET STEEL	☒ POWDER COATED
☐ 14 GA #304D STAINLESS STEEL SHEET	☐ POWDER COATED COLOR:
	☐ NATURAL
☐ 0.125" ALUMINUM SHEET	☐ POWDER COATED COLOR:
	☐ ANODIZED

POWDER COAT COLORS	
☒ WHITE	☐ RANCH GREEN
☐ MINT GREEN	☐ OTHER
☐ CAMEL	

PHOTO ELECTRIC CELL	
☒ ON LIGHT POLE	
☐ IN SERVICE CABINET	



SERVICE EQUIPMENT
WIRING DIAGRAM "B"

METER PEDESTAL CONSTRUCTION NOTES

- METER PEDESTAL SHALL BE UL LISTED "INDUSTRIAL CONTROL PANEL" PER UL 508.
- METER PEDESTAL SHALL MEET THE ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE (EUSERO) GUIDELINES.
- CONSTRUCTION SHALL BE NEMA 3R AND 12, RAIN TIGHT AND DUST TIGHT. ELECTRICALLY WELDED AND REINFORCED WHERE REQUIRED.
- ALL NUTS, BOLTS, SCREWS AND HINGES SHALL BE STAINLESS STEEL.
- NUTS, BOLTS, AND SCREWS SHALL NOT BE VISIBLE FROM OUTSIDE OF METER PEDESTAL.
- PHENOLIC NAME PLATES SHALL BE PROVIDED AS REQUIRED.
- CIRCUIT BREAKERS SHALL BE CABLE IN-CABLE OUT WITH LINE ON TOP & LOAD ON THE BOTTOM. HANDLE POSITION UP="ON", MIDDLE="TRIPPED", DOWN="OFF".
- A PLASTIC COVERED WIRING DIAGRAM SHALL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
- METER PEDESTAL SHALL BE FACTORY WIRED AND CONFORM TO REQUIRED NEMA STANDARDS.
- ALL POWDER COATED METER PEDESTAL SHALL HAVE A CORROSION RESISTANT COATING WHICH INCLUDES A FIVE STEP DIP TANK METAL PREPARATION PROCESS:
 - ALKALINE CLEANER 180° F.
 - CLEAR WATER RINSE.
 - IRON PHOSPHATE APPLICATION 150°.
 - CLEAR WATER RINSE.
 - INHIBITIVE RINSE TO SEAL PHOSPHATED SURFACES 120°.
 FINISHED WITH AN ELECTROSTATICALLY APPLIED DRY POLYESTER POWDER COATING THEN BAKED @ 380° TO CURE.
- CONCRETE FOUNDATIONS INCLUDING EXCAVATION AND BACKFILL, CONCRETE, AND ANCHOR BOLTS, COMPLETE-IN PLACE, WILL BE CONSIDERED INCIDENTAL TO THE METER PEDESTAL.

LIGHTING NOTES

- LOCATIONS OF CONDUITS, FOUNDATIONS, PULL BOXES, AND CONTROL CABINETS SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD TO MAXIMIZE CLEAR SPACE AVAILABLE FOR PEDESTRIANS AND WHEELCHAIRS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL MEET WITH THE PROJECT MANAGER IN THE FIELD AT ALL LOCATIONS TO SPOT EQUIPMENT BEFORE BEGINNING THE WORK. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY.
- ALL WIRE ON THIS PROJECT TO BE COPPER ONLY.
- LIGHT STANDARDS SHALL HAVE (DIRECT ANCHOR BASE/BREAKAWAY COUPLINGS).
- ALL ORNAMENTAL (PEDESTRIAN) LIGHTING, AND UNDERPASS CIRCUITS ON THIS PROJECT SHALL BE 120 VOLTS.
- ALL PULL BOXES INSTALLED FOR ROADWAY, OVERHEAD SIGN STRUCTURES, OR PEDESTRIAN LIGHTING SHALL BE (STANDARD/LARGE SIZE/METAL).
- EACH CIRCUIT FOR ROADWAY LIGHTING, PEDESTRIAN LIGHTING, OVERHEAD SIGN LIGHTING AND UNDERPASS LIGHTING SHALL BE INSTALLED IN SEPARATE CONDUITS UNLESS APPROVED OTHERWISE.
- EACH TIME A ROADWAY LUMINAIRE, OVERHEAD SIGN LUMINAIRE, UNDERPASS LUMINAIRE OR ORNAMENTAL (PEDESTRIAN) LUMINAIRE IS TURNED ON OR OFF THE CONTRACTOR SHALL COORDINATE WITH THE FOLLOWING REPRESENTATIVES:

LOCAL POWER COMPANY
CITY OF ALBUQUERQUE

POWER SHALL NEITHER BE TURNED ON OR OFF UNTIL RESPONSIBLE PARTIES FOR EACH LIGHTING SYSTEM HAVE BEEN NOTIFIED.

- ALL SINGLE CONDUCTOR #10 COPPER WIRES CONNECTING THE MAIN CIRCUIT WIRING TO CORRESPONDING LUMINAIRES SHALL BE CONSIDERED INCIDENTAL TO COST OF POLES.
- RESPONSIBILITY AND MAINTENANCE OF LIGHTING SYSTEMS INSTALLED AS PART OF THIS PROJECT SHALL BE AS FOLLOWS:

A. PEDESTRIAN LIGHTING SHALL BE ACCEPTED AND MAINTAINED BY THE CITY OF ALBUQUERQUE, DEPT. OF FAMILY AND COMMUNITY SERVICES.

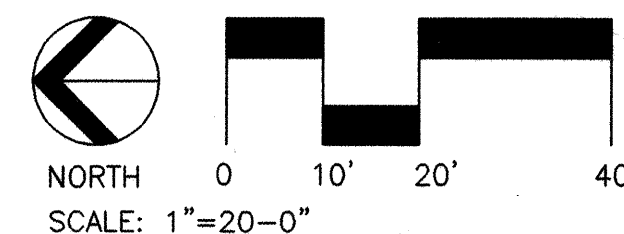
THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND COST OF ENERGIZING ALL LIGHTING SYSTEM UNTIL SUCH TIME THAT THE APPROPRIATE OWNER AND MAINTAINING AGENCY ACCEPT THE RESPONSIBILITY FOR THEIR RESPECTIVE SYSTEMS.

- THE CONTRACTOR SHALL PAY FOR COSTS FOR PNM TO PROVIDE POWER SERVICE. THESE COSTS WILL BE (MEASURED AND PAID UNDER CONTRACT ITEM 706340 - POWER SERVICE INSTALLATION SEE SPECIAL PROVISIONS/INCIDENTAL).
- CONTRACTOR SHALL COORDINATE WITH POLE MANUFACTURER TO MATCH BOLT PATTERN OF NEW TYPE V STANDARDS WITH THAT OF EXISTING FOUNDATIONS TO REMAIN.
- ALL LIGHTING CONTROL CABINETS/LUMINAIRES) SHALL INCLUDE PHOTO ELECTRIC CELLS.
- LIGHTING IS TO BE SERVED BY METER PEDESTAL.

- ALL LIGHTING CONTROL CABINETS SHALL BE TESCO (OR APPROVED EQUAL). THE CONTRACTOR SHALL SUBMIT A COPY OF THE LIGHTING PLANS TO THE MANUFACTURER. THE MANUFACTURER SHALL REVIEW PLANS AND MODIFY THE EQUIPMENT IN EACH CABINET AS NECESSARY TO ACCOMMODATE LIGHTING REQUIREMENTS AS SHOWN ON PLANS. THE MANUFACTURER SHALL SUBMIT SHOP DRAWINGS OF EACH CABINET TO THE PROJECT MANAGER AND PNM FOR REVIEW AND APPROVAL PRIOR TO MANUFACTURING OF CABINETS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CABINET AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE.

LIGHTING INCIDENTAL ITEMS

- ANCHOR BOLTS FOR FOUNDATIONS.
- GROUND RODS FOR FOUNDATIONS.
- UNIVERSAL SUPPORT BRACKETS FOR SERVICE RISERS.
- CONCRETE FOUNDATION FOR LIGHTING CONTROL CABINETS INCLUDING EXCAVATION, BACKFILL, CONCRETE, GROUND RODS, AND ANCHOR BOLTS.
- SINGLE CONDUCTOR #10 AWG COPPER WIRE CONNECTIONS FROM MAIN CIRCUIT TO LUMINAIRES.
- SHOP DRAWING PREPARATION AND COORDINATION FOR LIGHTING CONTROL CABINETS.
- ENERGY COST OF THE LIGHTING SYSTEM UNTIL ACCEPTANCE BY THE MAINTAINING AGENCY.



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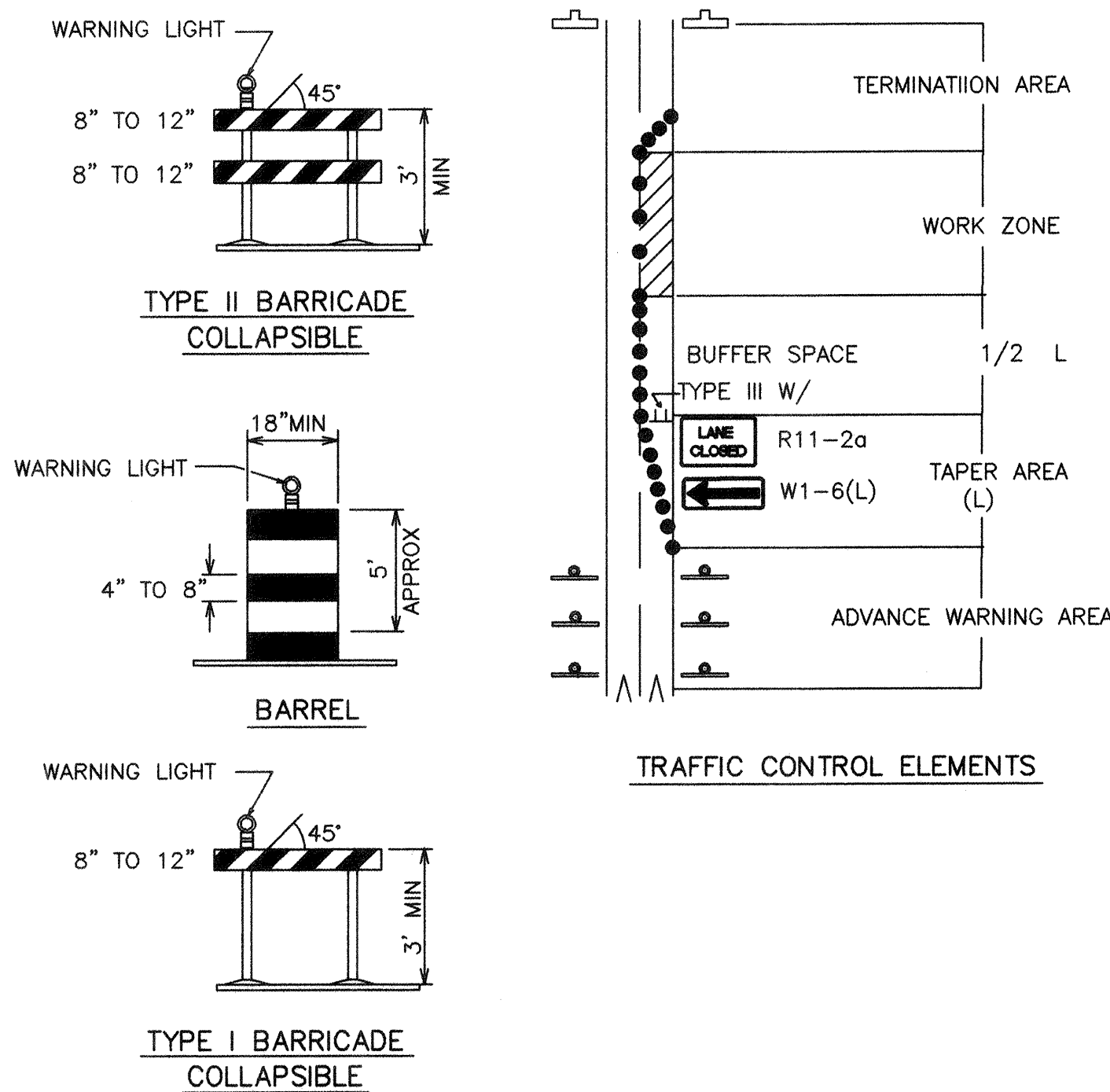
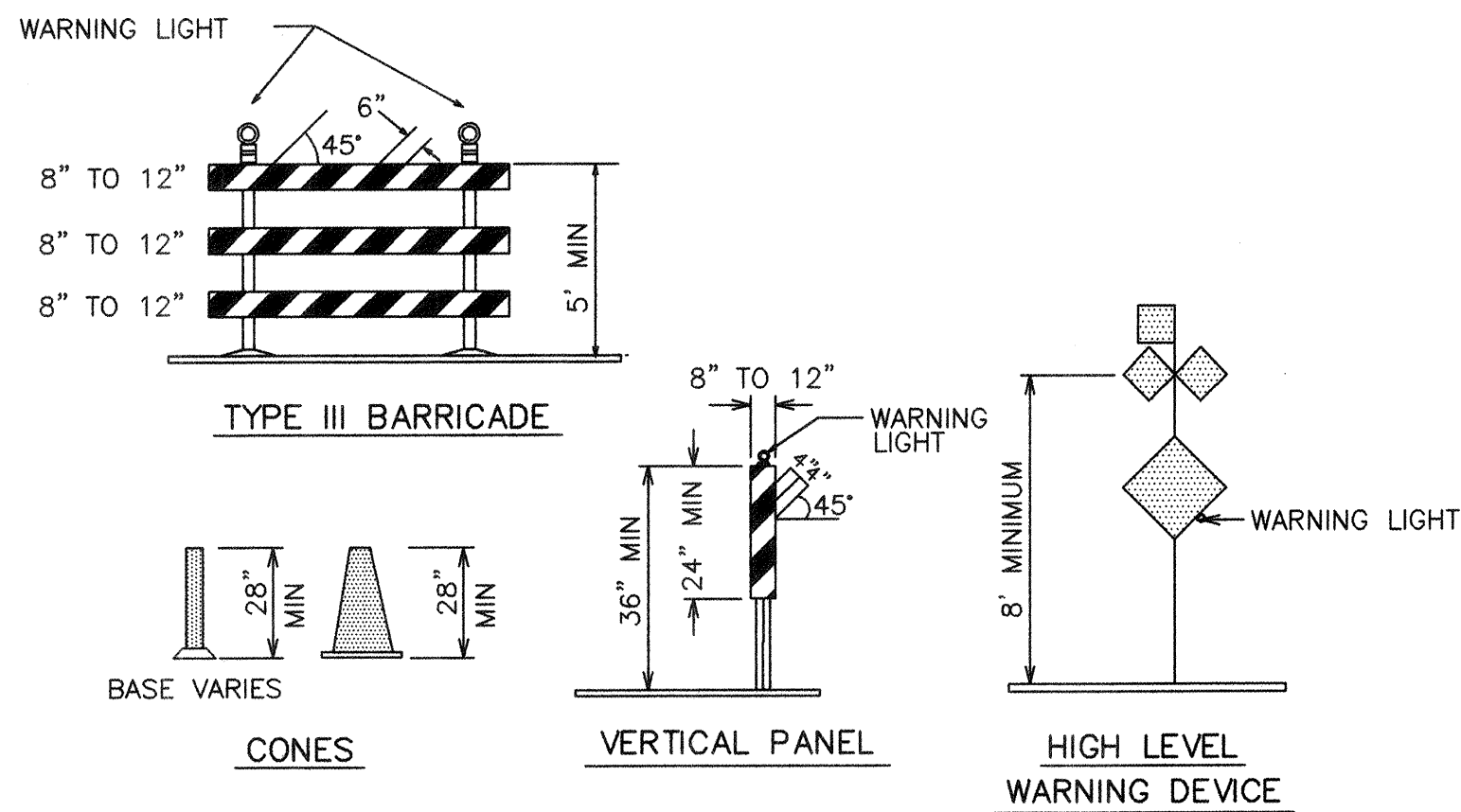
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CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

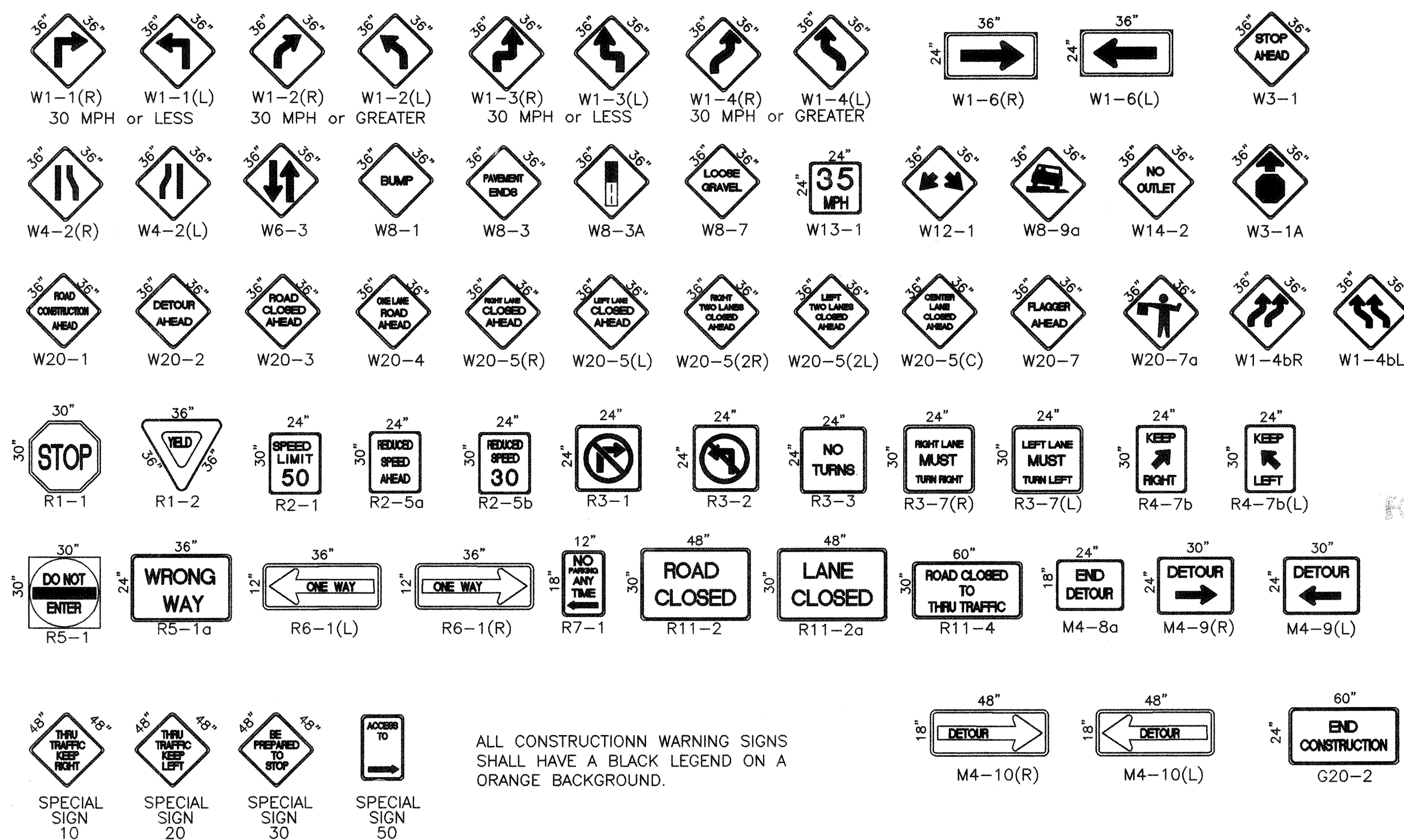
1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.
2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPERATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.
3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.
4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.
5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.
6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.
8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.
9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.
10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.
12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.
13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.
14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.
15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.
16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.
17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.
18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.
20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.
21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
- STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
 - THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
 - SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.
27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.



SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- VERTICAL PANEL
- WARNING SIGN
- DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
- TAPER LENGTH - SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED LIMIT (MPH)	TAPER LENGTH(L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE BETWEEN SIGNS	DISTANCE IN FEET FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

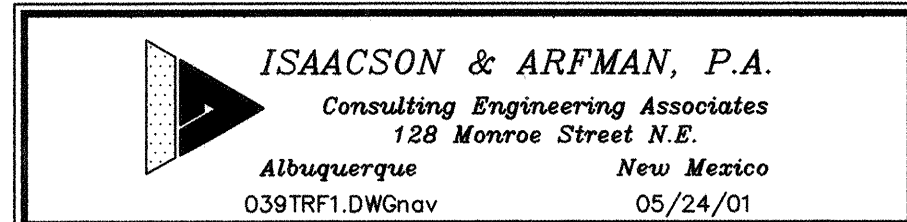
TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85--PERCENTILE SPEED IN MPH



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRUMBULL STREETSCAPE TRAFFIC CONTROL**
SIGNING & CONSTRUCTION TRAFFIC CONTROL STANDARDS

Design Review Committee City Engineer Approval

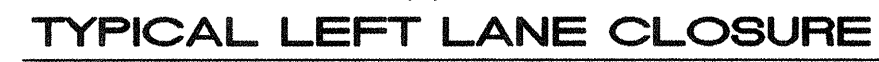
COA STD

City Project No. 6214.91

Zone Map No. L-19

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CITY OF ALBUQUERQUE
STANDARD



- ## TYPICAL SANITARY SEWER SLIPLINING OPERATION

- ### TYPICAL DOUBLE RIGHT LANE CLOSURE

