

STANDARD DETAILS

**FOR WORK WITHIN THE
PUBLIC RIGHT-OF-WAY**



CITY OF NEWARK



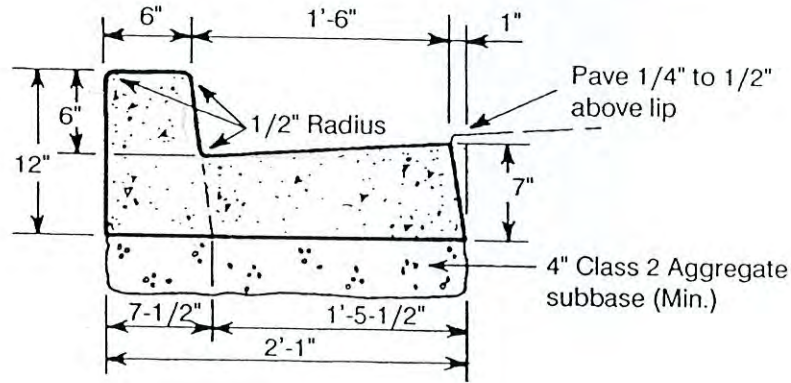
STANDARD DETAIL INDEX

Detail	Approval/ Drawing No.	Rev. Date	Rev. No.
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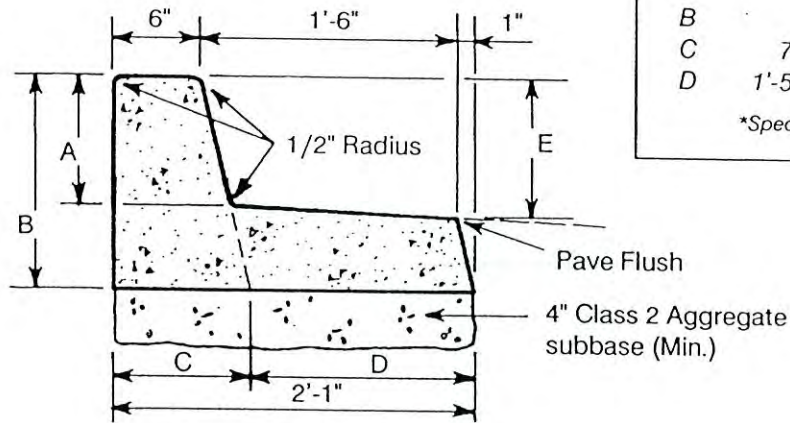
STANDARD DETAIL INDEX

Detail	Approval/ Drawing No.	Rev. Date	Rev. No.
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6" CURB AND GUTTER

MEDIAN CURB DIMENSIONS		
	8' Median Curb*	9' Median Curb
A	8"	9"
B	1'-2"	1'-3"
C	7-1/2"	8"
D	1'-5-1/2"	1'-5"
*Special Case		



MEDIAN CURB AND GUTTER

Notes:

1. Concrete shall be Class "A", minimum 6 sacks per CY.
2. Score curb 8' o.c.
3. Casaron or equivalent herbicide shall be placed under all curb and gutter.

CURB AND GUTTER



**STANDARD
DETAILS**

CITY OF NEWARK

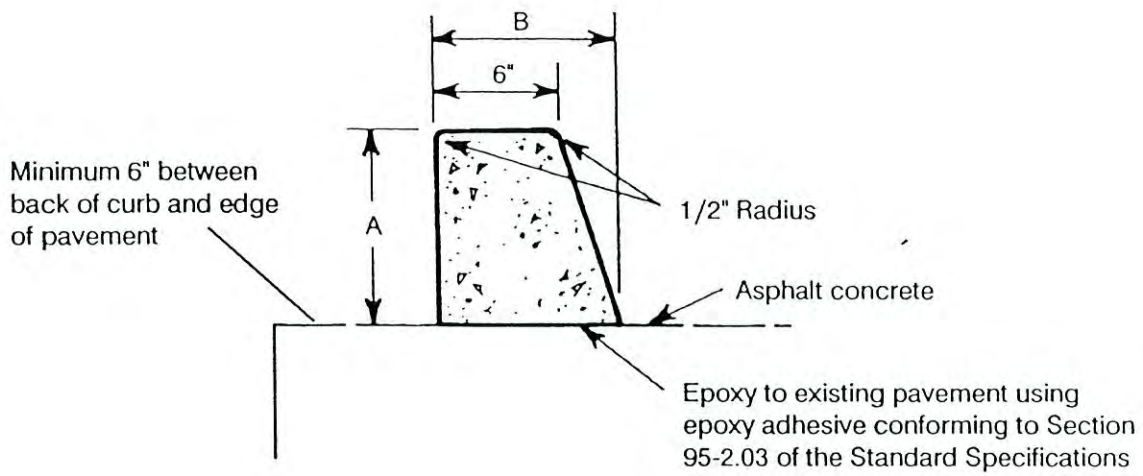
SCALE: NONE

DATE: 01/29/90

APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 104



MEDIAN CURB DIMENSIONS		
	9" Curb	8" Curb
A	9"	8"
B	8-1/2"	8"

Note:
All median curbs shall be 9" unless otherwise shown on the plans

- Notes:**
1. Concrete shall be Class "A", minimum 6 sacks per CY.
 2. Score curb 8' o.c.

EXTRUDED CURB



**STANDARD
DETAILS**

CITY OF NEWARK

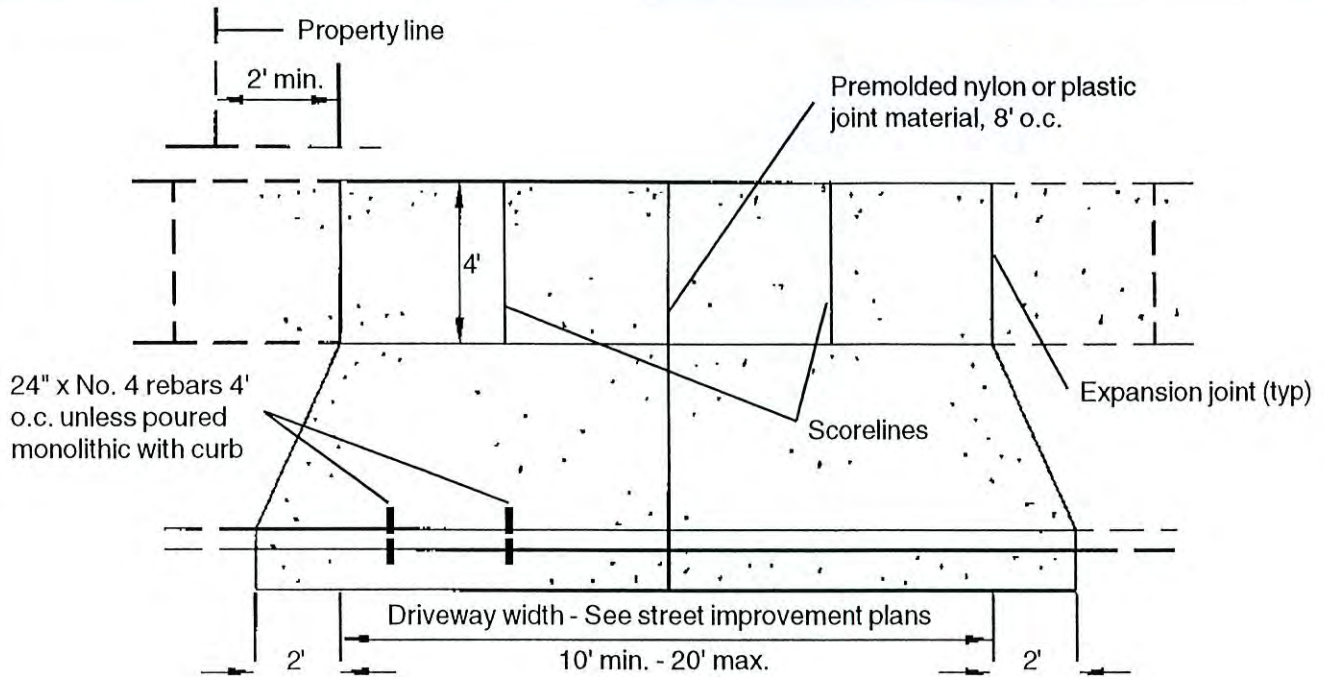
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APPROVED BY:
Kenneth L. Buck

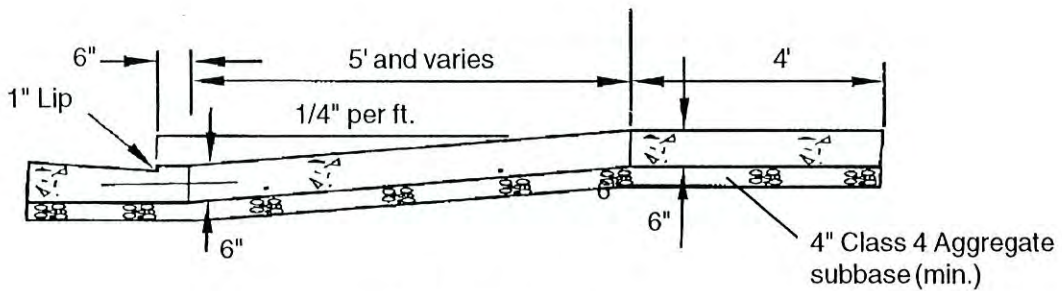
KENNETH L. BUCK
CITY ENGINEER P.E. 16982



SD - 105



PLAN



SECTION A-A

Notes:

1. Concrete shall be Class "A", minimum 6 sacks per CY, 1 LB. lamp black per CY.
2. Casaron or equivalent herbicide shall be placed under all driveways, curb and gutter and sidewalks.

DRIVEWAY - TYPE R



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

DATE: 03/07/91

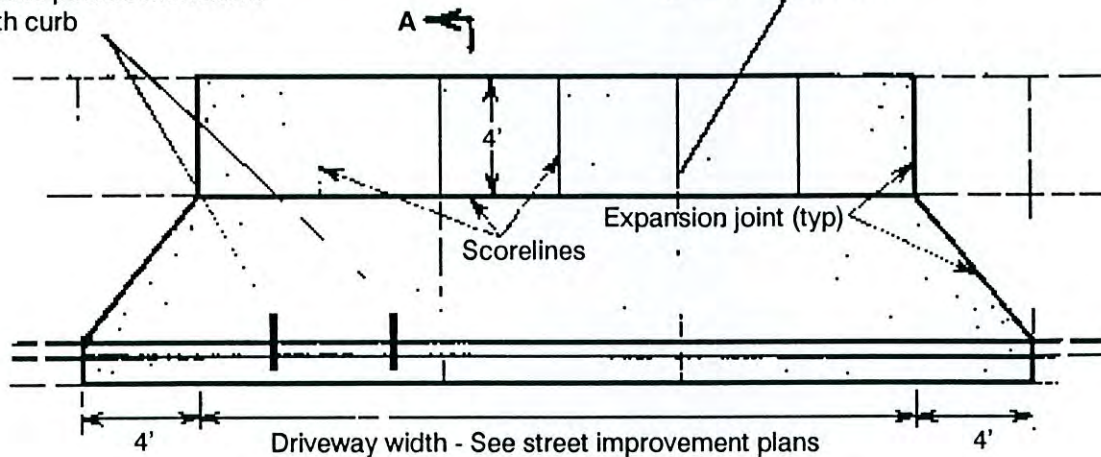
APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

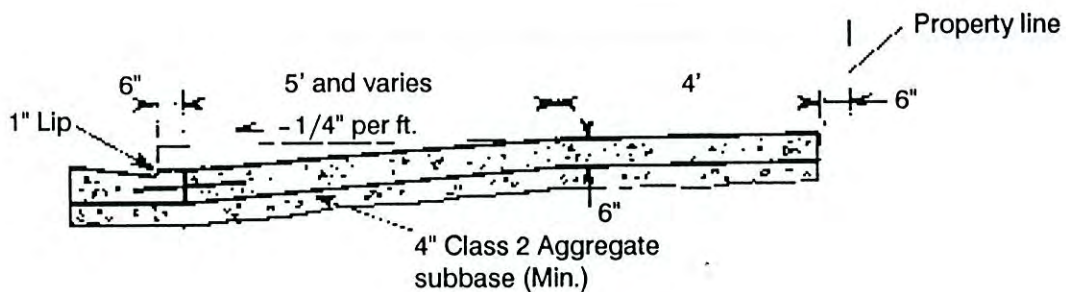
SD - 106 - 1

24" x No. 4 rebars 4' o.c. unless poured monolithic with curb

Premolded nylon or plastic joint material, 8' o.c.



PLAN



SECTION A-A

Notes:

1. Concrete shall be Class "A", minimum 6 sacks per CY, 1 LB. lamp black per CY.
2. Casaron or equivalent herbicide shall be placed under all driveways, curb and gutter and sidewalks.

DRIVEWAY - TYPE C



**STANDARD
DETAILS**

CITY OF NEWARK

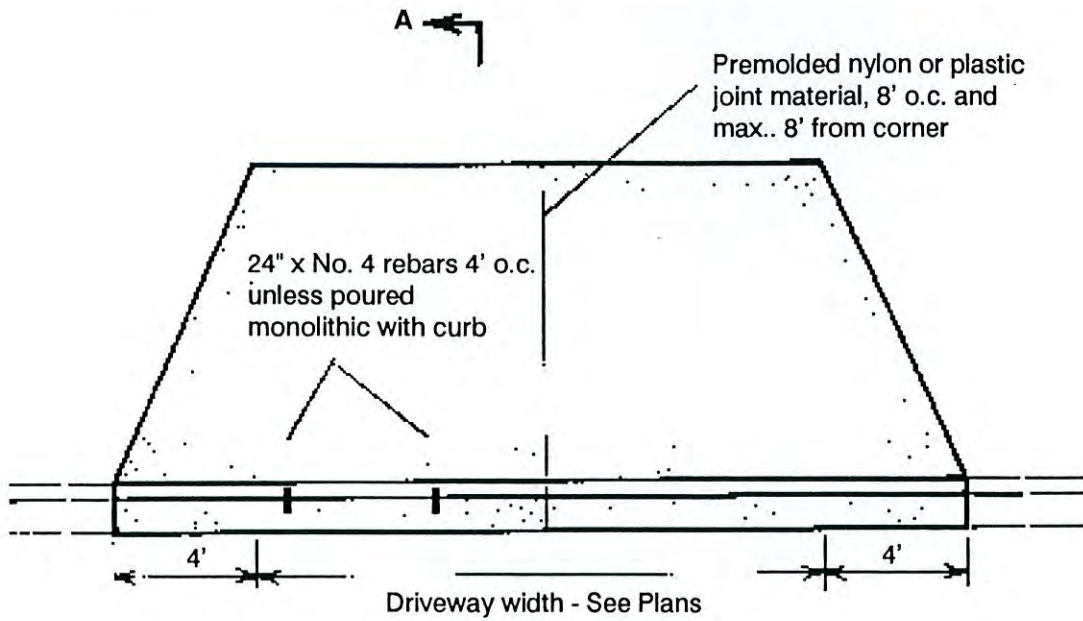
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DATE: 12/04/90

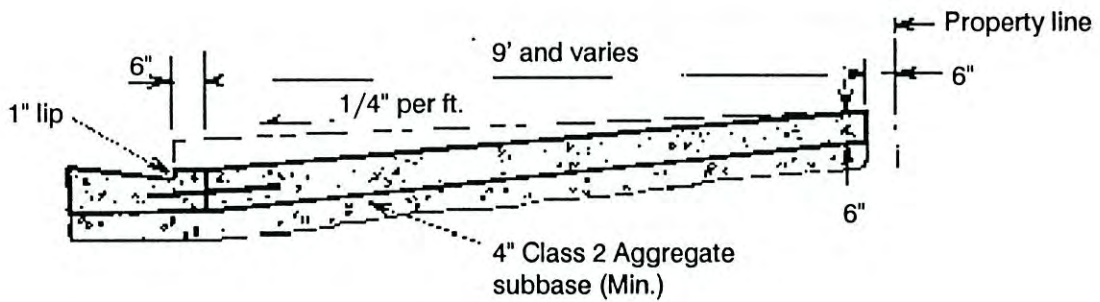
APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 106 - 2



PLAN



SECTION A-A

Notes:

1. Concrete shall be Class "A", minimum 6 sacks per CY, 1 LB. lamp black per CY.
2. Casaron or equivalent herbicide shall be placed under all driveways and curb and gutter.

DRIVEWAY - TYPE M



**STANDARD
DETAILS**

CITY OF NEWARK

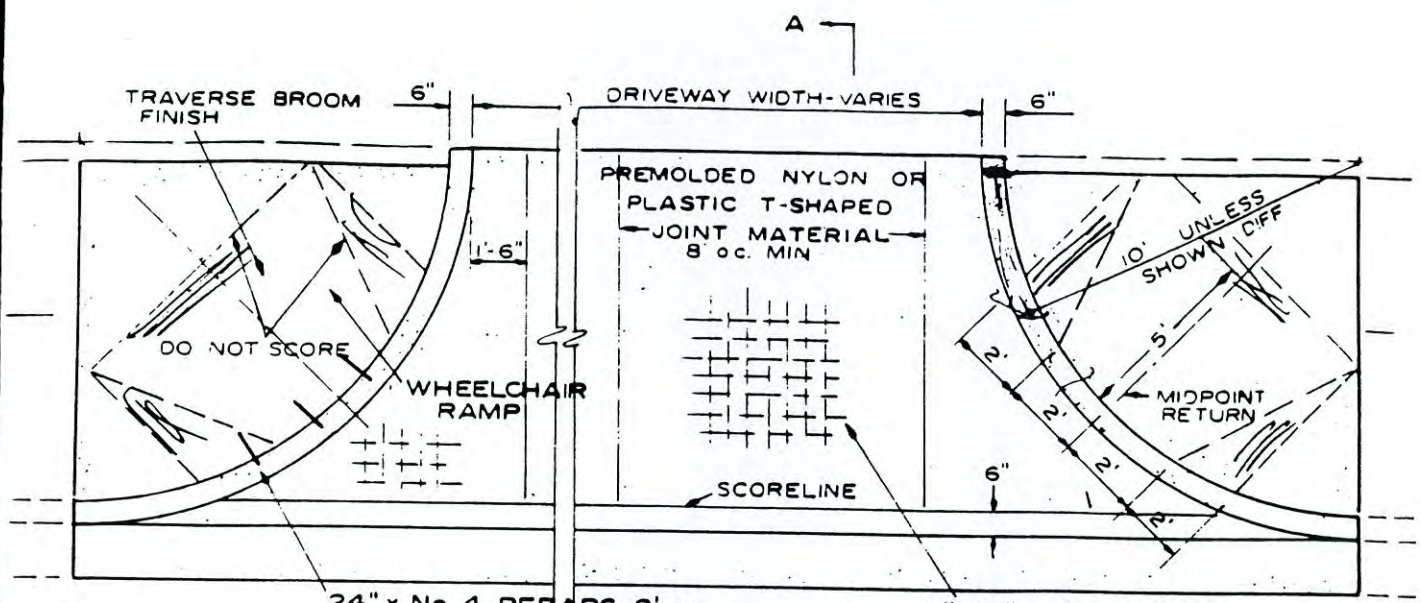
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DATE: 12/04/90

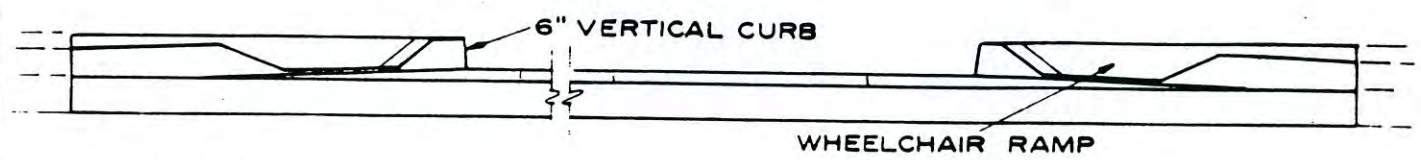
APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 106 - 3

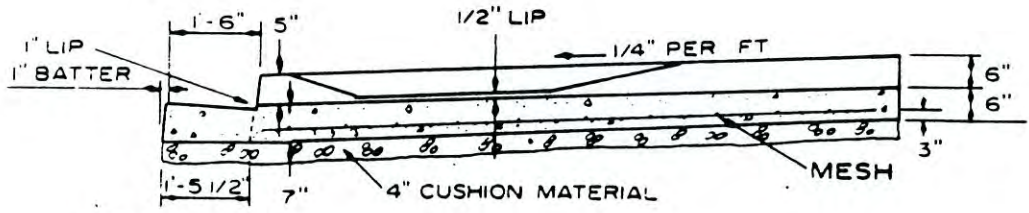


PLAN
1" = 5'



ELEVATION
1" = 5' HORZ.
1" = 3' VERT.

APPLICANT SHALL SUBMIT A DETAILED DESIGN LAYOUT AND GRADING PLAN OF THE DRIVEWAY IF USING TYPE S. DRIVEWAY SHALL INCORPORATE CURRENT CALTRANS CURB RAMP DETAILS.

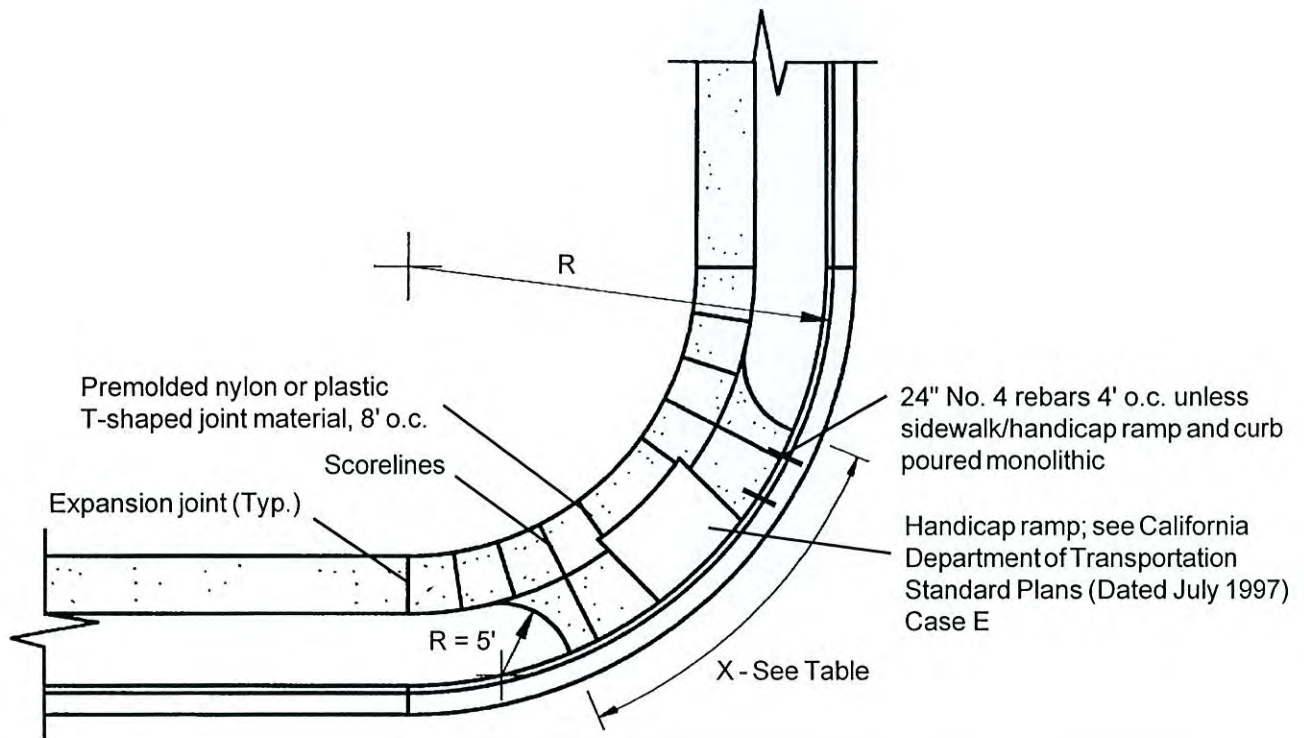


SECTION A-A
1" = 3'

NOTES:

1. CONCRETE SHALL BE CLASS 'A', MIN. 6 SACKS CEMENT PER C.Y., 1 LB. LAMP BLACK PER C.Y.
2. CUSHION MATERIAL SHALL MEET THE FOLLOWING GRADATION: 100% PASSING 3/4"; MAX. 25% PASSING No. 200 SIEVE.
3. INSTALL PREMOLDED JOINT MATERIAL, 8'o.c.

<p>City of Newark DEPT. OF PUBLIC WORKS</p> <p>Standard Details DRIVEWAY - TYPE S</p>			APPROVED BY
			CITY ENGR. R.E.13052
			DATE: 4-16-76
			DRWG. NO.: SD-106-4
NO.	REVISED	BY	
DRAWN BY: JAB			
CHECKED BY:			
SCALE: AS SHOWN			



R	X
20'	16'
30'	22'
60'	26'

REV. 1

CURB RETURN



**STANDARD
DETAILS**

CITY OF NEWARK

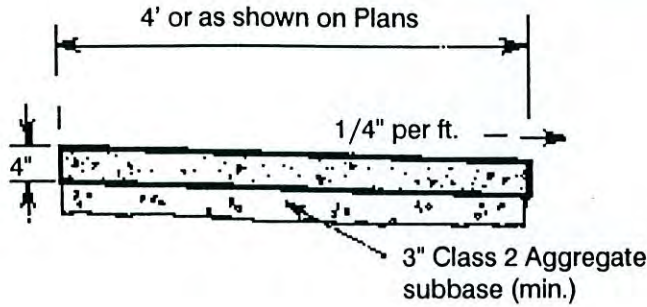
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DATE: 03/26/98

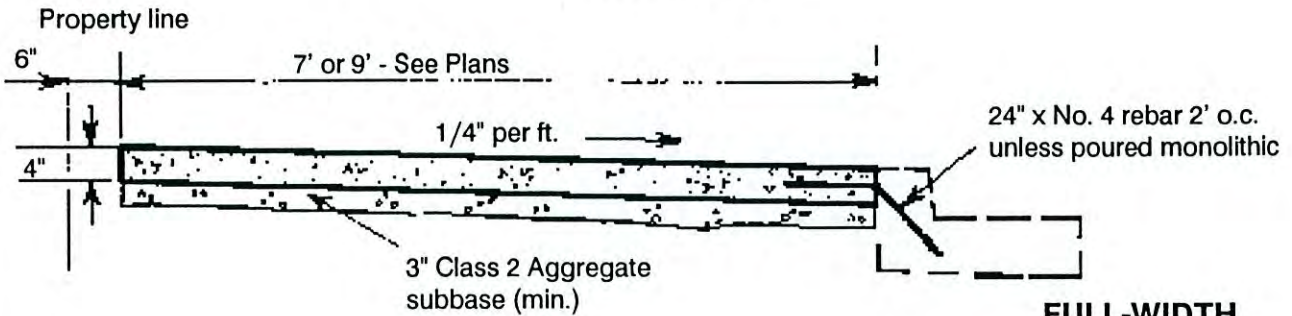
APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

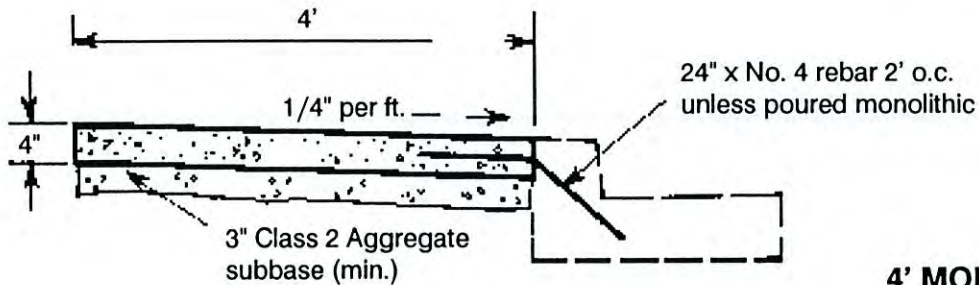
SD - 107



**STANDARD
SIDEWALK**



**FULL-WIDTH
SIDEWALK**



**4' MONOLITHIC
SIDEWALK**

Notes:

1. Concrete shall be Class "A", minimum 6 sacks per CY. Add 1 lb. Lamp Black per C.Y. for all flat work including monolithic sidewalk (adjust quantity of lamp black as required to match adjacent concrete for repair of existing sidewalk).
2. Score sidewalk 4' o.c. except at tree wells (see SD-109); premolded joint material 8' o.c.
3. Casaron or equivalent herbicide shall be placed under all sidewalk, curb and gutter, and driveways.

SIDEWALK



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

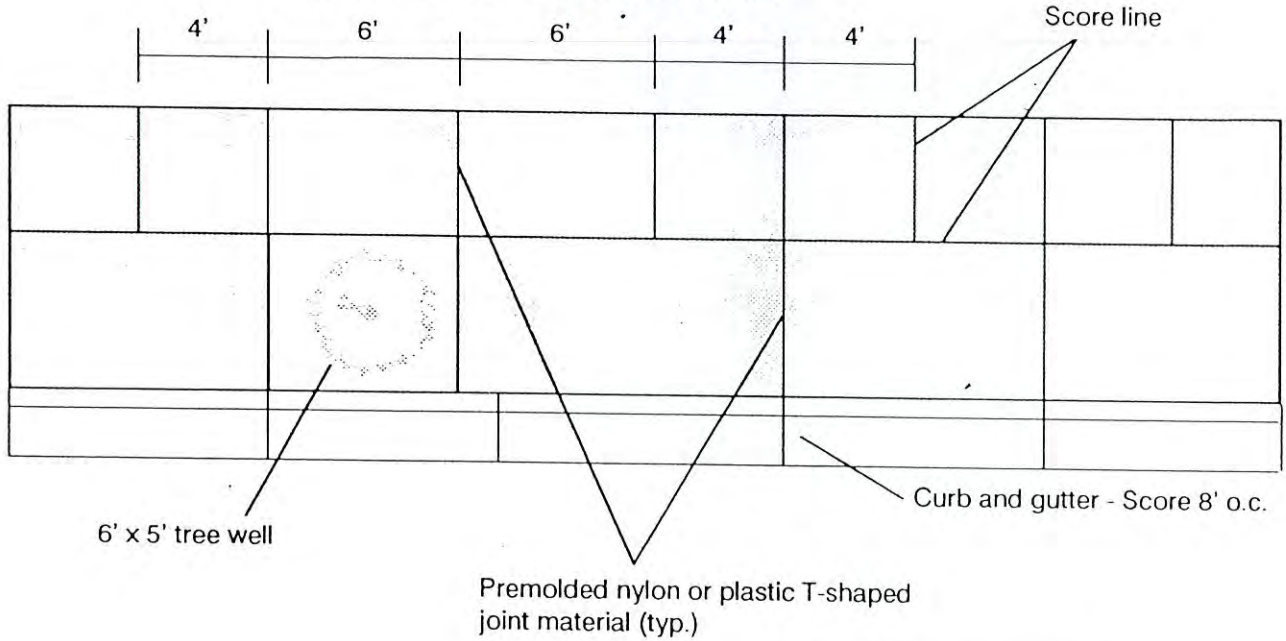
DATE: 12/05/90

APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 108

Vary score pattern for sidewalk from 4' o.c. to as shown to accommodate 6' wide tree well



TREE WELL LOCATION CRITERIA	
Item	Min. distance to center of tree well
Water Service Line	8'
Driveway	10'
Storm Drain	10'
Sanitary Sewer	10'
Electrolier	15'
Street Curb Return	45'
Traffic Signal Standard	45'

Notes:

1. See SD-108 for sidewalk construction details.
2. Tree wells shall be approximately 40' o.c.
3. Tree wells shall be free of all construction material and debris and backfilled to within 1" of grade with clean native material.

TREE WELL DETAILS



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

DATE: 12/04/90

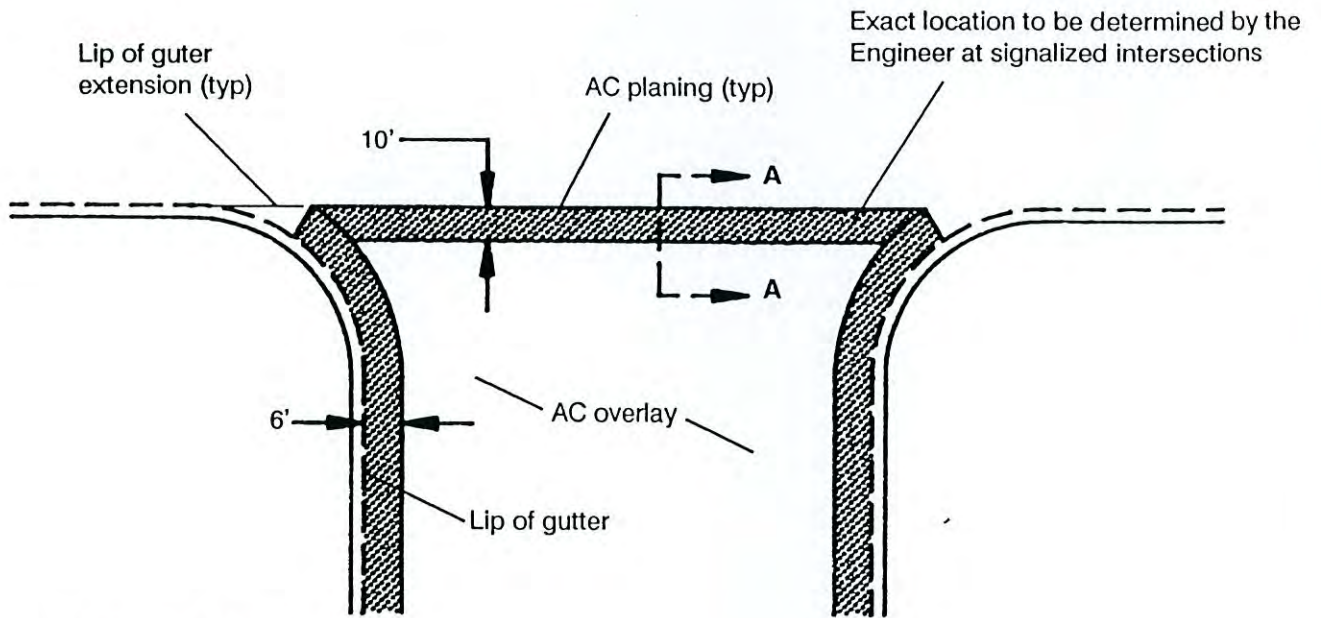
APPROVED BY:

Kenneth L. Buck

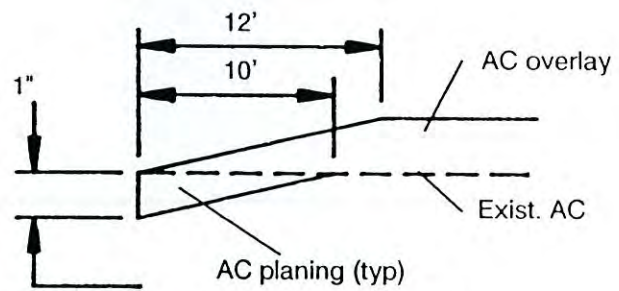
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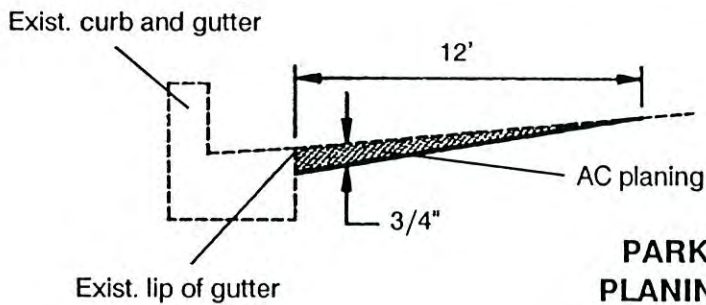
SD - 109



**INTERSECTION
PLANING DETAILS**



SECTION A-A



**PARKING LANE
PLANING DETAILS**

ASPHALT PLANING DETAILS



**STANDARD
DETAILS**

CITY OF NEWARK

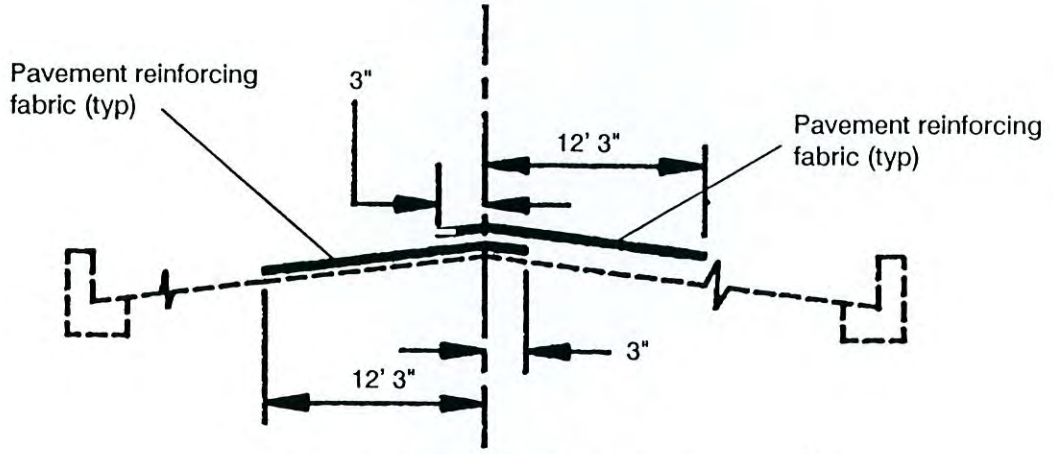
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DATE: 03/14/91

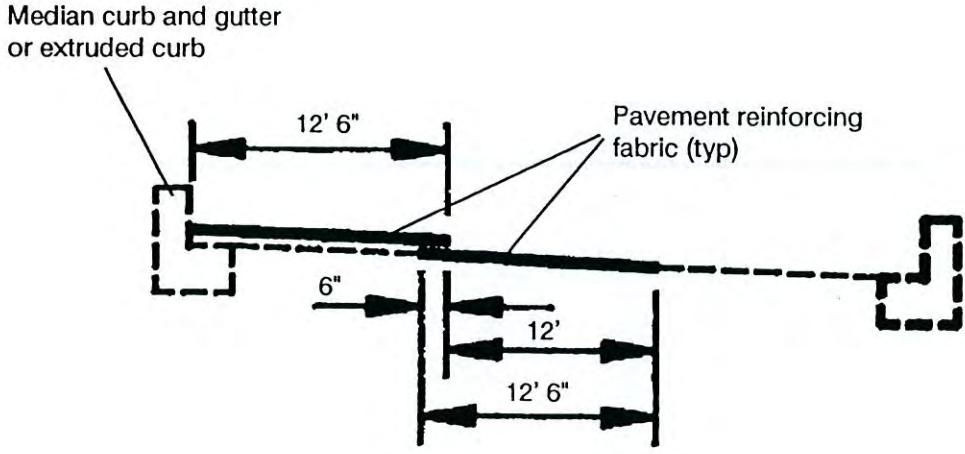
APPROVED BY:

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CITY ENGINEER P.E. 16982

SD - 110



**PAVEMENT REINFORCING
FABRIC PLACEMENT
NO MEDIAN**



**PAVEMENT REINFORCING
FABRIC PLACEMENT
WITH MEDIAN**

PAVEMENT REINFORCING FABRIC DETAILS



**STANDARD
DETAILS**

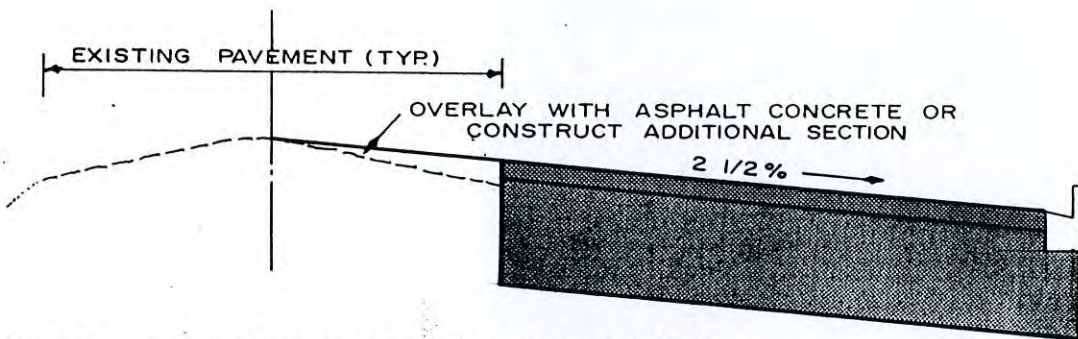
CITY OF NEWARK

SCALE: NONE DATE: 03/14/91

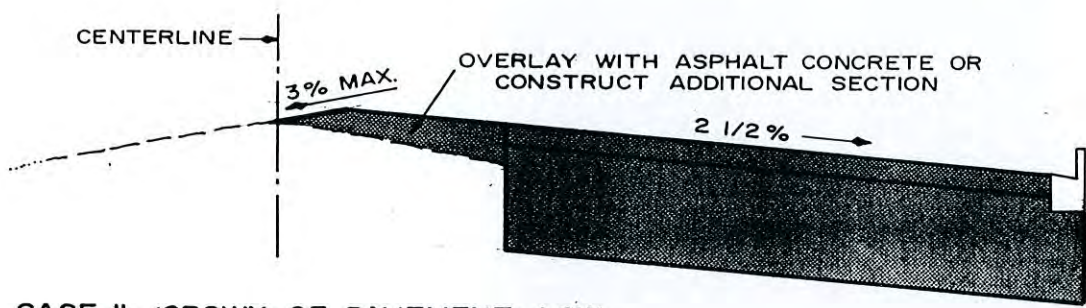
APPROVED BY:

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CITY ENGINEER P.E. 16982

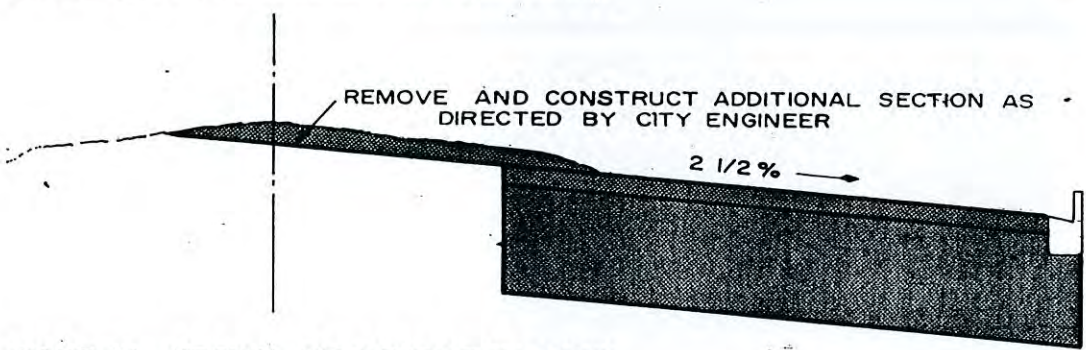
SD - 111



CASE I - CONFORM TO CROWN OF PAVEMENT

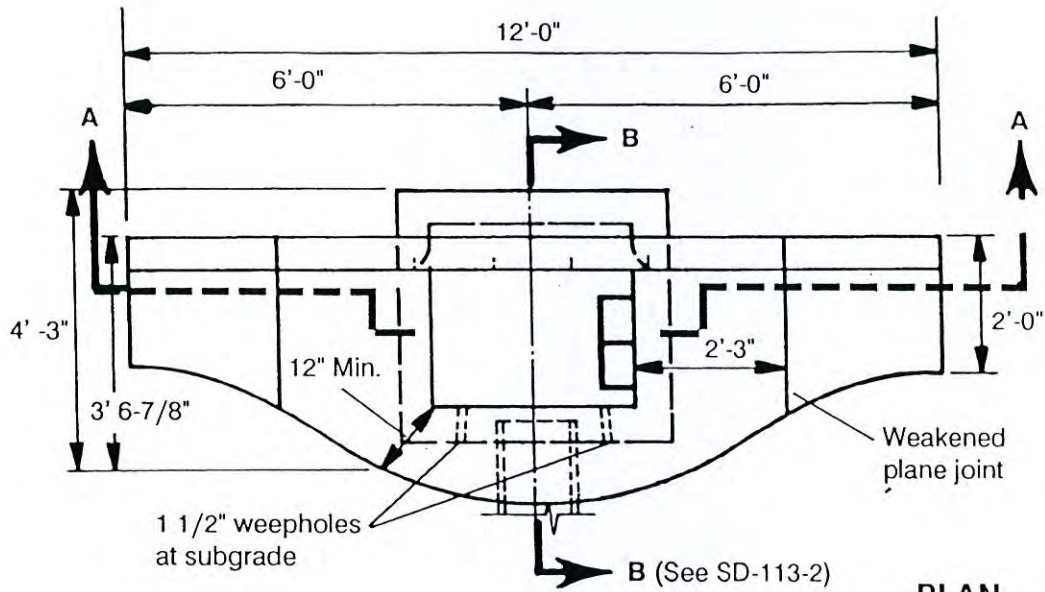


CASE II - CROWN OF PAVEMENT LOW

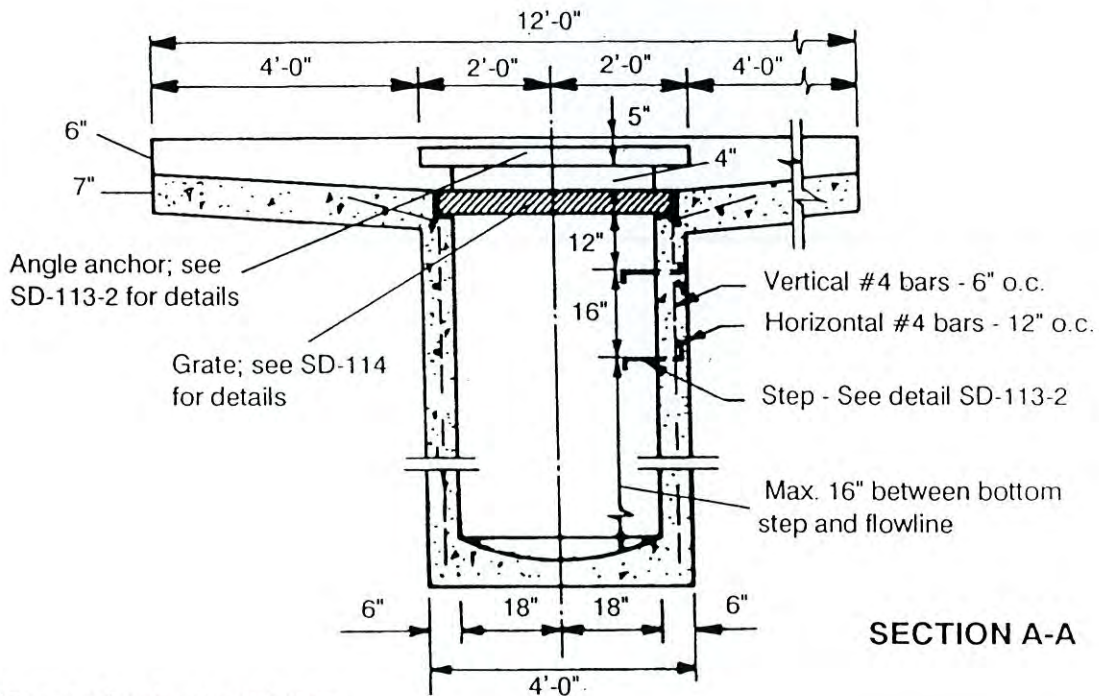


CASE III - CROWN OF PAVEMENT HIGH

			<h1 style="margin: 0;">City of Newark</h1> <p style="margin: 0;">DEPT. OF PUBLIC WORKS</p>	APPROVED BY
NO.	REVISED	BY		CITY ENGR. R.E.13052
DRAWN BY: JAB			<h2 style="margin: 0;">Standard Details</h2> <h3 style="margin: 0;">TIE-IN PAVING</h3>	DATE: 4-20-76
CHECKED BY:				DRWG. NO.: SD-112
SCALE: NONE				



PLAN



SECTION A-A

Notes:

1. See SD-113-2 for details and notes.
2. See SD-114 for frame and grate details.

STORM WATER INLET (PLAN, FRONT SECTION)



STANDARD
DETAILS

CITY OF NEWARK

SCALE: NONE

DATE: 12/20/90

APPROVED BY:

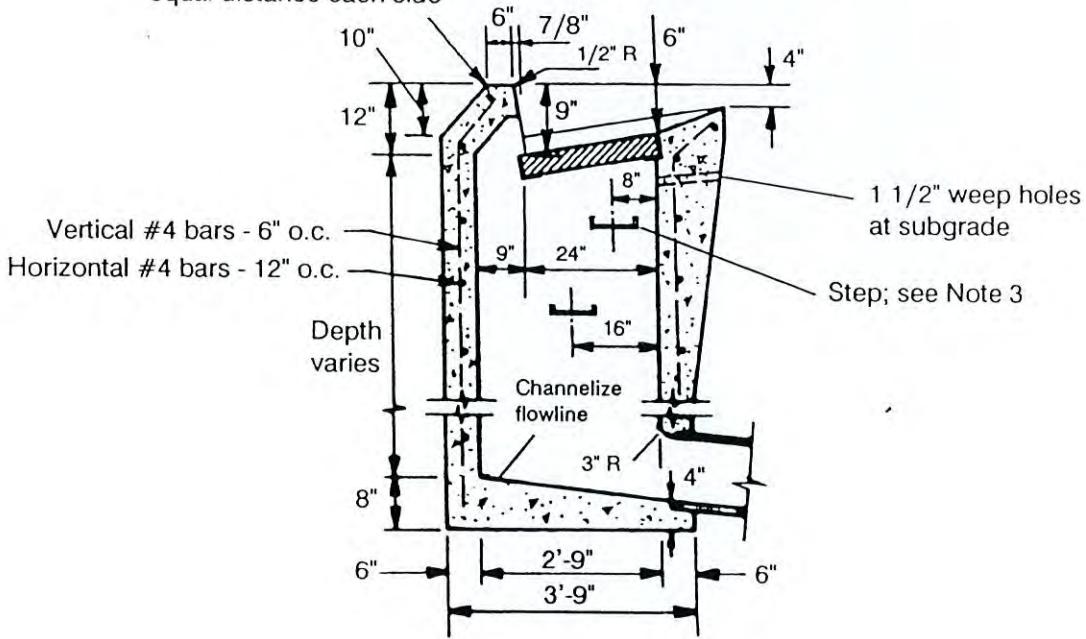
Kenneth L. Buck

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

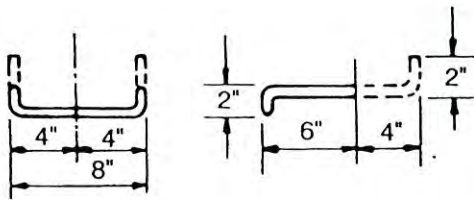


SD - 113 - 1

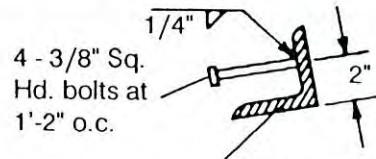
#4 Bar - 6' long to extend into curb
equal distance each side



SECTION B-B
(See SD-113-1 for Plan View)



STEP DETAIL



ANGLE ANCHOR

Notes:

1. See SD-113-1 for other views and details.
2. Concrete shall be Class "A", minimum 6 sacks per CY.
3. Steps shall be installed when depth from grate to invert is more than 42".
4. At the option of the Contractor, 14" wide steps installed in a straight line can be used in lieu of 8" wide steps as shown.
5. Steps shall be galvanized 3/4" dia. rod.

STORM WATER INLET (SIDE SECTION, DETAILS)



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE DATE: 12/06/90

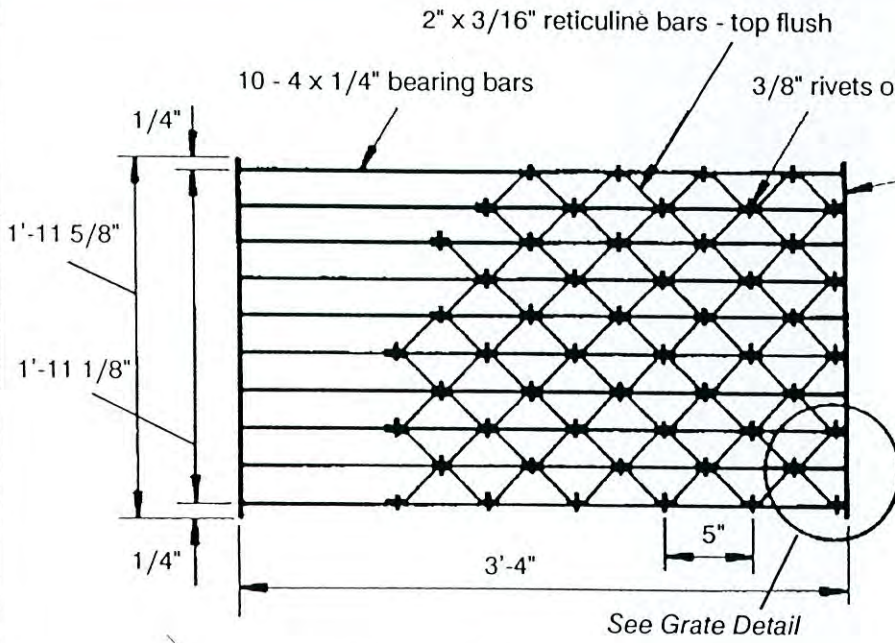
APPROVED BY:

Kenneth L. Buck

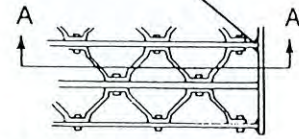
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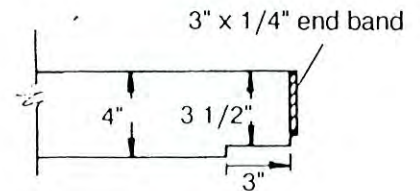
SD - 113 - 2



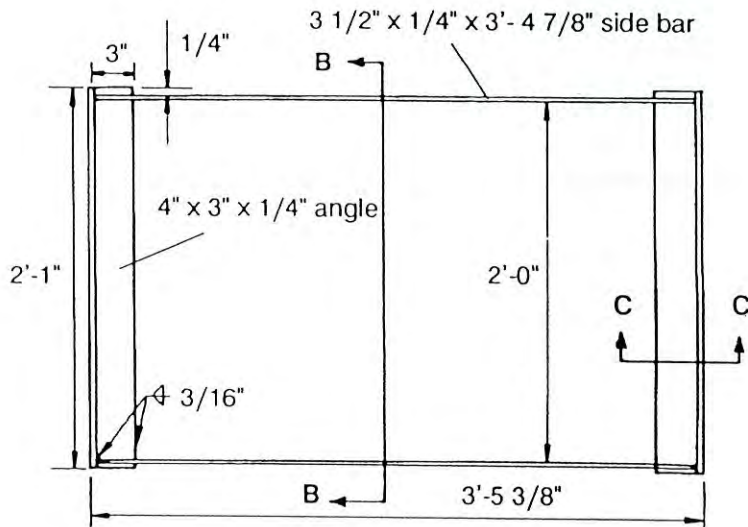
3/16" fillet weld full depth each side on outside bearing bar and every other internal bar



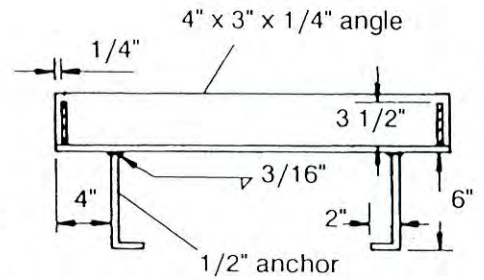
GRATE DETAIL - PLAN



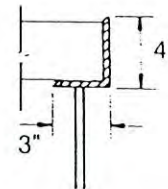
SECTION A-A



FRAME



SECTION B-B

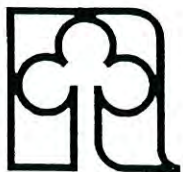


SECTION C-C

Notes:

1. All components shall be galvanized after fabrication.

GRATE AND FRAME



STANDARD
DETAILS

CITY OF NEWARK

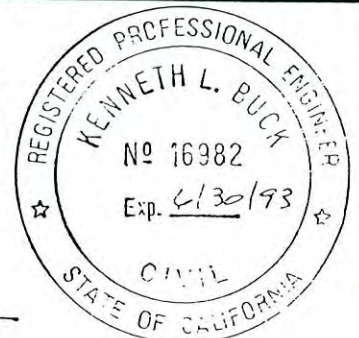
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DATE: 12/21/90

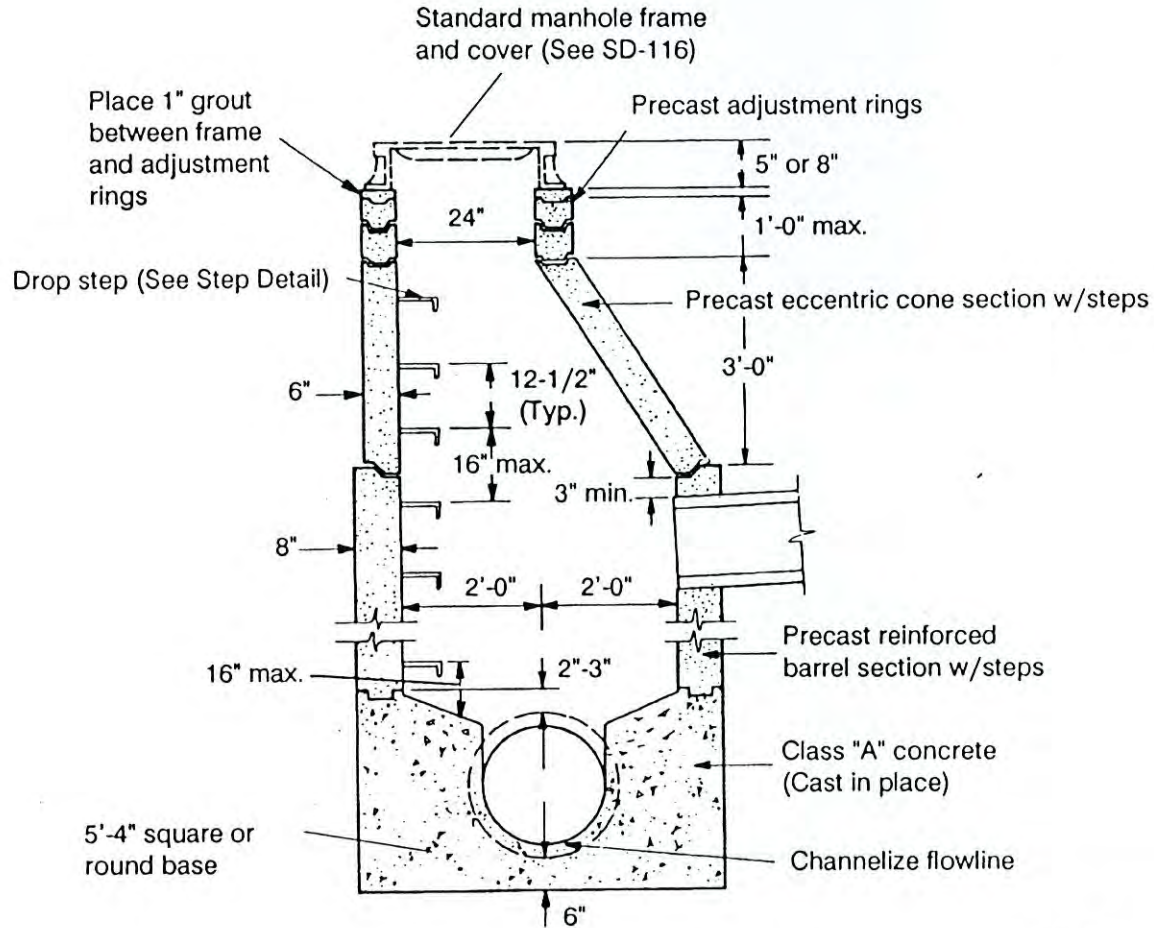
APPROVED BY:

Kenneth L. Buck

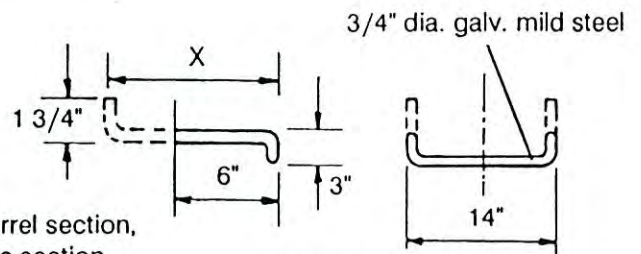
KENNETH L. BUCK
CITY ENGINEER P.E. 16982



SD - 114



SECTION



X = 10 3/4" for barrel section,
8 3/4" for eccentric section

STEP DETAIL

Notes:

1. Manhole shelf height shall be at top of pipe.
2. Manhole steps shall be installed so that worker descending steps faces oncoming traffic.

TYPE 1 MANHOLE



**STANDARD
DETAILS**

CITY OF NEWARK

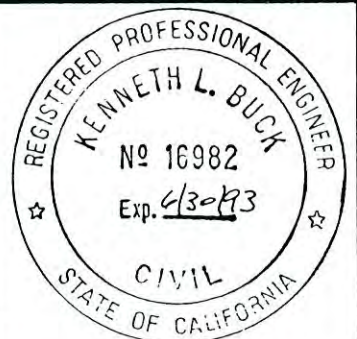
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DATE: 12/06/90

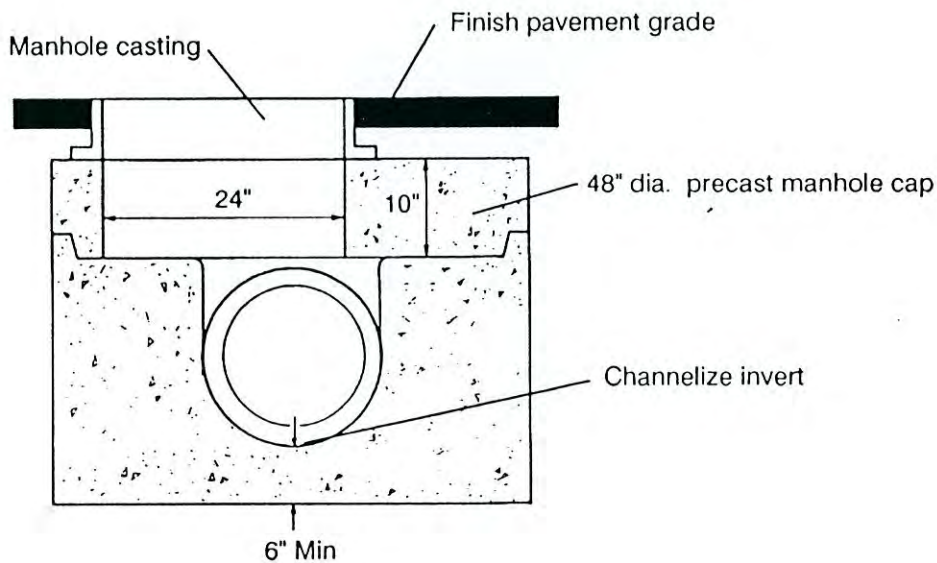
APPROVED BY:

Kenneth L. Buck

KENNETH L. BUCK
CITY ENGINEER P.E. 16982



SD - 115 - 1



Notes:

1. Concrete shall be Class "A", minimum 6 sacks per CY.

TYPE II MANHOLE (SHALLOW)



**STANDARD
DETAILS**

CITY OF NEWARK

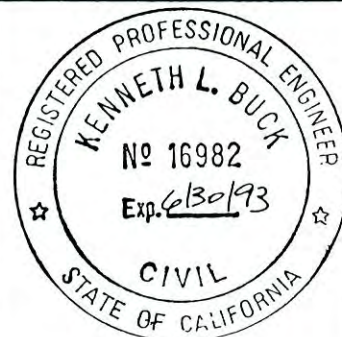
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DATE: 01/03/91

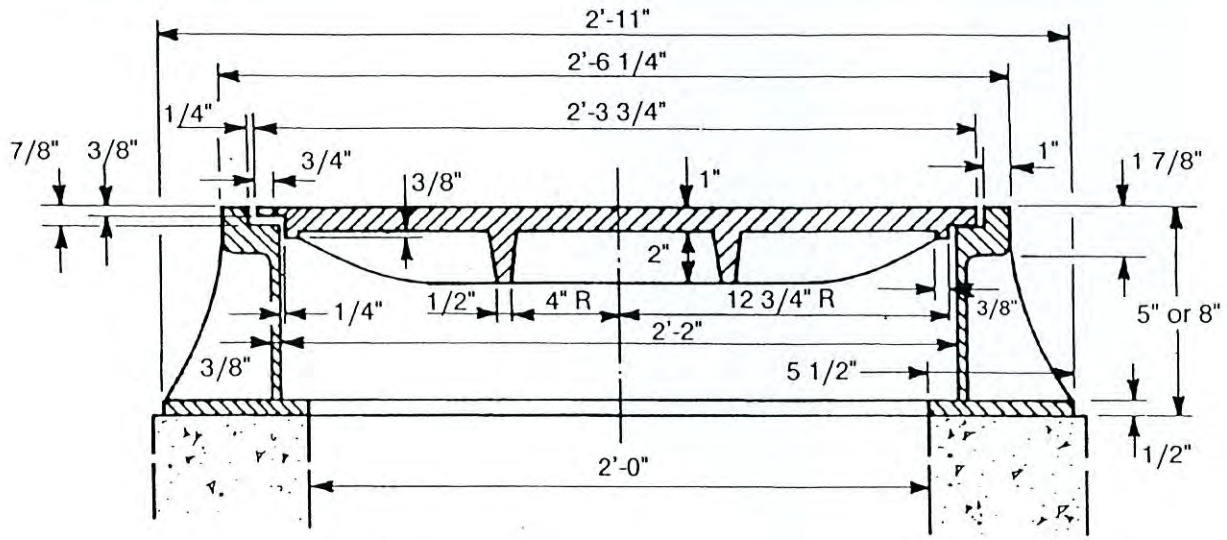
APPROVED BY:

Kenneth L. Buck

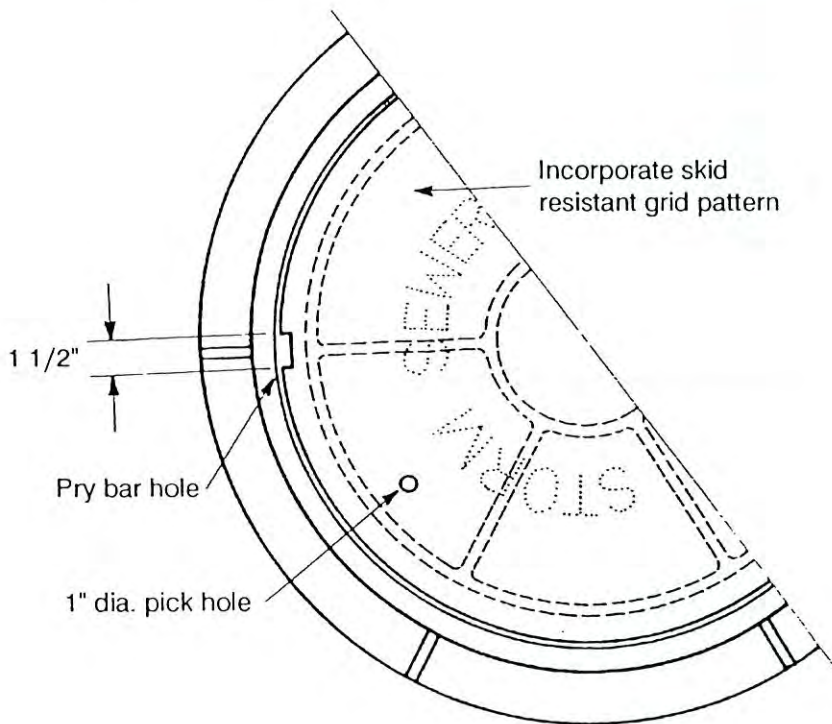
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CITY ENGINEER P.E. 16982



SD - 115 - 2



SECTION



ONE-HALF PLAN VIEW

Notes:

1. Manhole frames and covers shall be match-marked in pairs. Each cover shall be machined or otherwise finished so that it will fit in its frame without rocking.

MANHOLE FRAME AND COVER



STANDARD
DETAILS

CITY OF NEWARK

SCALE: NONE

DATE: 12/20/90

APPROVED BY:

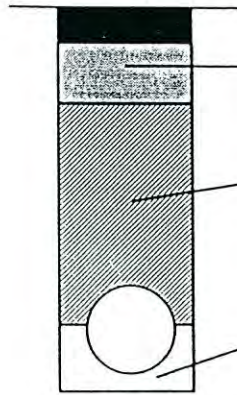
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SD - 116

TYPE 1 - For use in future and present street pavement areas

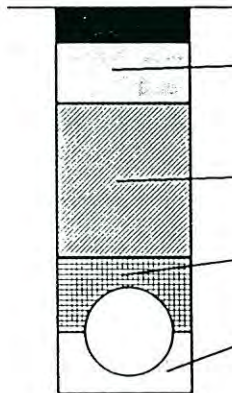


Pavement and structural section as specified on plans or replace in kind plus one additional inch of asphalt concrete

Imported trench backfill material, **compacted to 95% min. relative compaction**; see SD-117-2 for material specifications

Pipe bedding material (self-compacting) extending from bottom of trench to springline of pipe; pipe bedding material may extend to 6" above pipe at discretion of utility owner. See SD-117-2 for material specifications

TYPE 2 - Concrete encasement



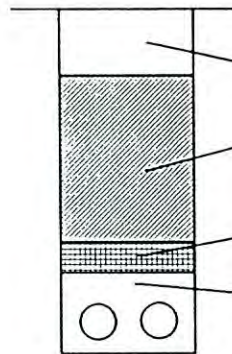
Pavement and structural section as specified on plans or replace in kind plus one additional inch of asphalt concrete

Imported trench backfill material, **compacted to 95% min. relative compaction**; see SD-117-2 for material specifications

Class "C" concrete from springline to 6" min. above pipe

Pipe bedding material (self-compacting) extending from bottom of trench to springline of pipe; see SD-117-2 for material specifications

TYPE 3 - Non-PG&E electrical facilities not under sidewalks or pavement



12" native material (max.), compacted to 90% min. relative compaction

Imported trench backfill material, **compacted to 90% min. relative compaction**; see SD-117-2 for material specifications

4" Class "C" concrete cap

Pipe shading material (self-compacting) extending from bottom of trench to 6" above conduits; shading material may be sand. See SD-117-2 for material specifications

TRENCH BACKFILL - TYPES 1, 2 AND 3



**STANDARD
DETAILS**

CITY OF NEWARK

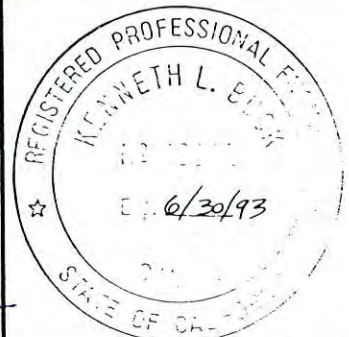
SCALE: NONE

DATE: 01/31/90

APPROVED BY:

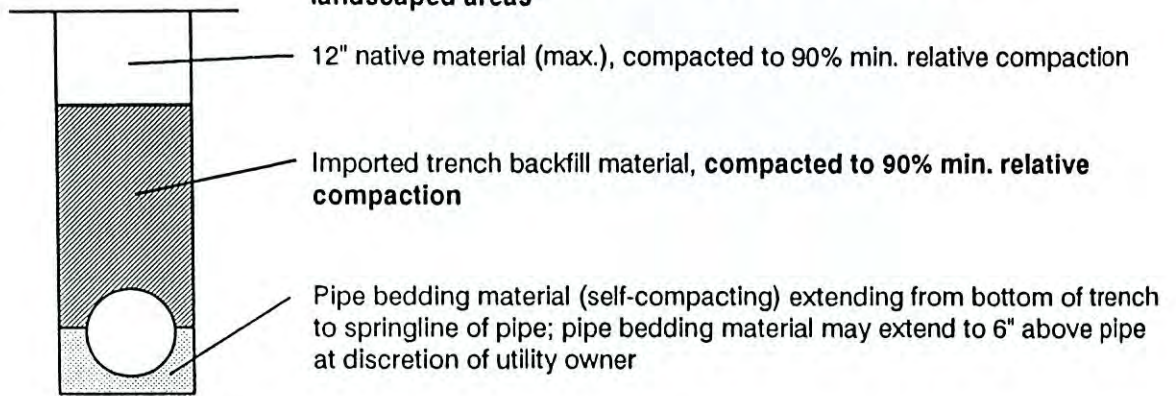
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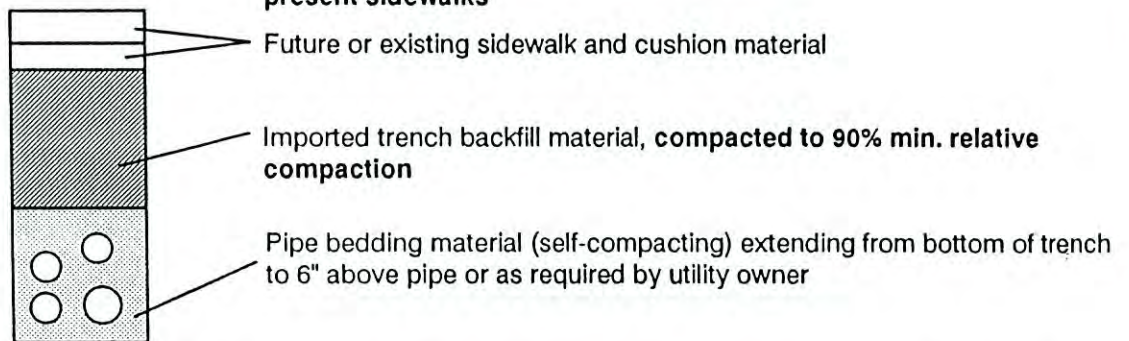


SD - 117 - 1

TYPE 4 - Outside pavement areas or sidewalk areas, within landscaped areas



TYPE 5 - Joint trench facilities longitudinally under future and present sidewalks



PIPE BEDDING/SHADING MATERIAL

1. Gradation:

Passing 3/8" sieve	75-95%
Passing No. 4 sieve	10-25%
Passing No. 200 sieve	0-8%

Pipe bedding/shading material shall be self-compacting; sand may be used to bed plastic pipe.

TRENCH BACKFILL MATERIAL (Washington Township Backfill Material)

1. S.E. - 20 min.
2. Gradation:

Passing 3" sieve	100%
Passing 1" sieve	90-100%
Passing No. 4 sieve	35-100%
Passing No. 30 sieve	5-40%

All material shall consist of unwashed creek or bank run gravel, crushed gravel or rock, bank run rock, sand or a mixture of these and shall be free of roots, vegetable material or other deleterious matter. **Native spoils or materials are not permitted to be used for trench backfill.**

Rev. 1

TRENCH BACKFILL - TYPE 4 AND 5



**STANDARD
DETAILS**

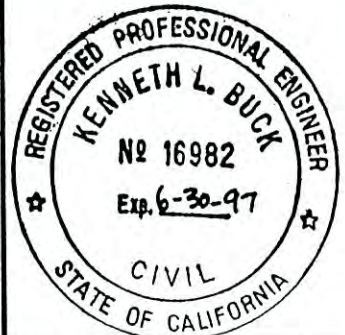
CITY OF NEWARK

SCALE: NONE DATE: 02/02/94

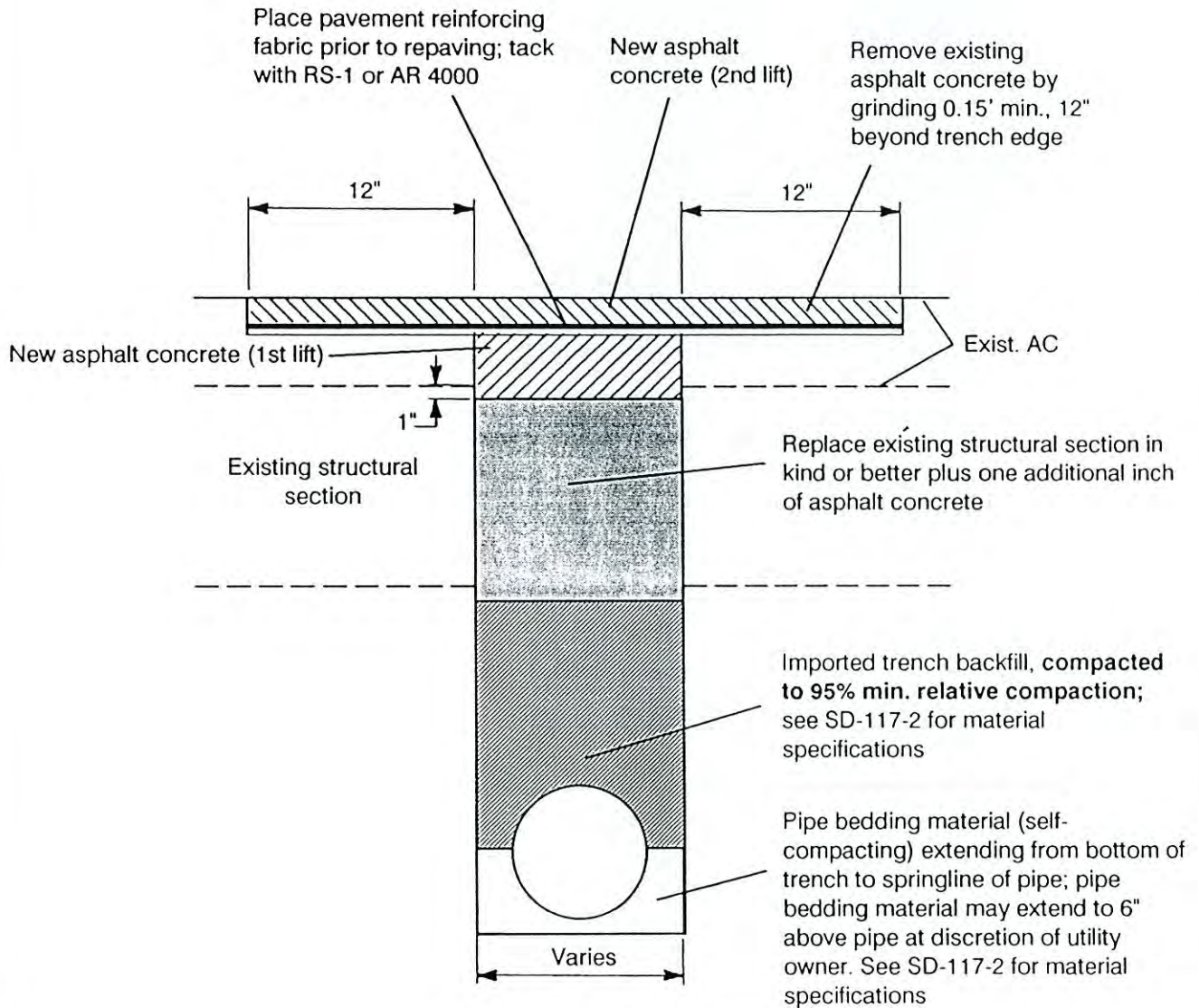
APPROVED BY:

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SD - 117 - 2



Notes:

1. All grinding debris to be removed immediately after asphalt grinding.
2. Method of placing pavement reinforcing fabric shall be approved by the City prior to installation.
3. Minimum 1 ton roller shall be used to compact final lift of asphalt concrete. Hand operated asphalt concrete compaction equipment may be used on first lift of asphalt only.

SPECIAL TRENCH PAVING - TYPE A



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

DATE: 01/31/90

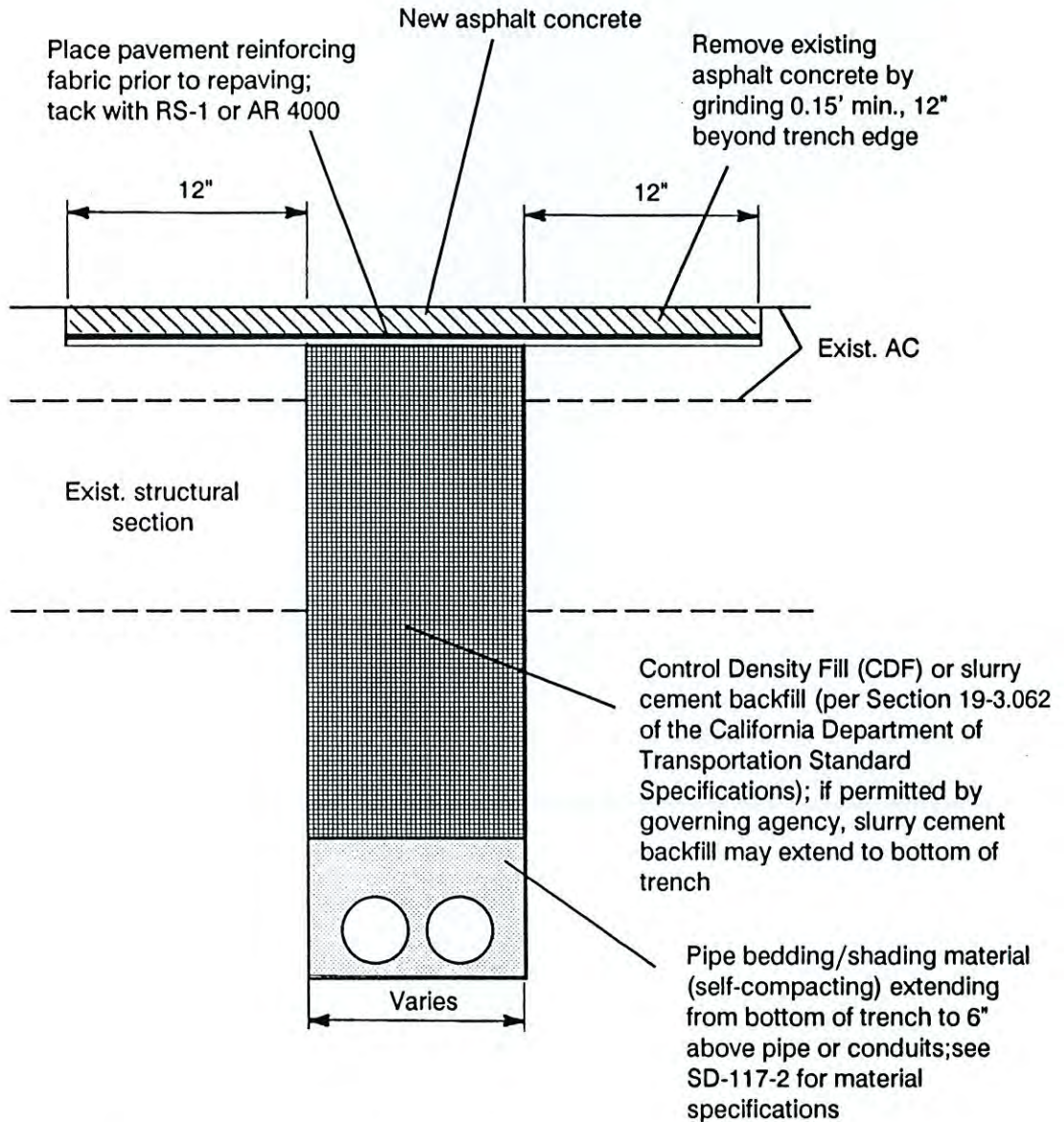
APPROVED BY:

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SD - 118 - 1



Notes:

1. All grinding debris to be removed immediately after asphalt grinding.
2. Method of placing pavement reinforcing fabric shall be approved by the City prior to installation.
3. Minimum 1 ton roller shall be used to compact asphalt concrete. Hand operated compaction equipment shall not be used.

Rev. 1

SPECIAL TRENCH PAVING - TYPE B



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

DATE: 02/02/94

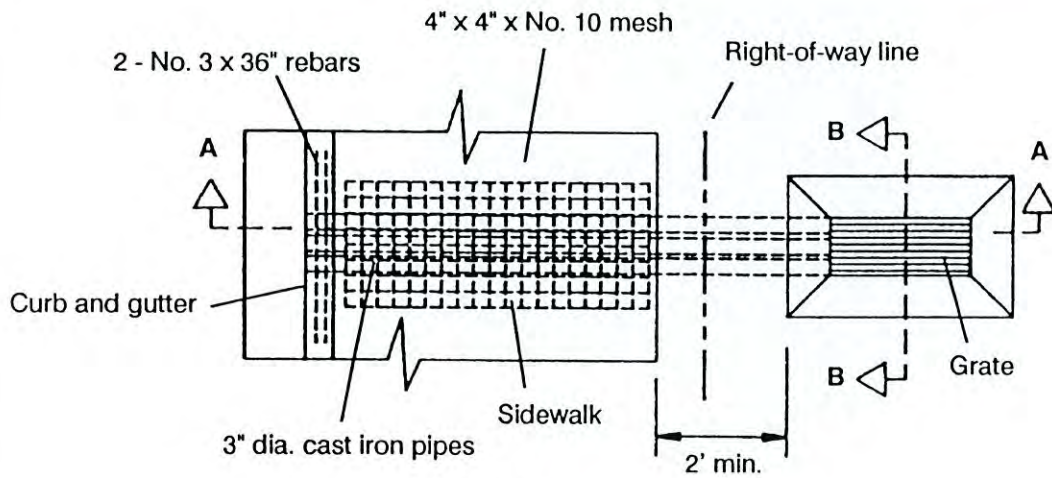
APPROVED BY:

Kenneth L. Buck

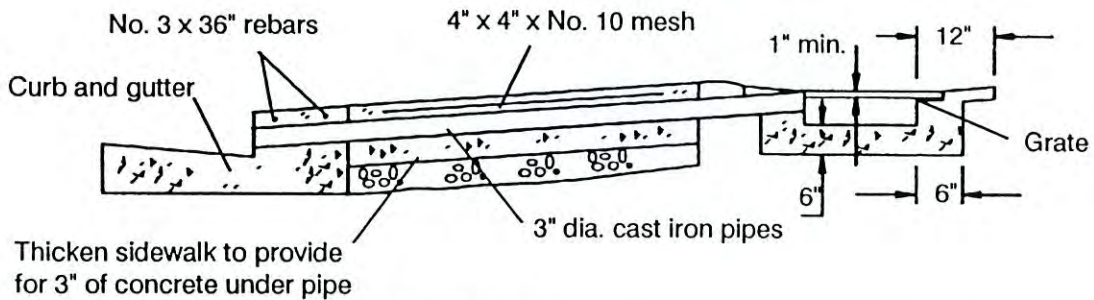
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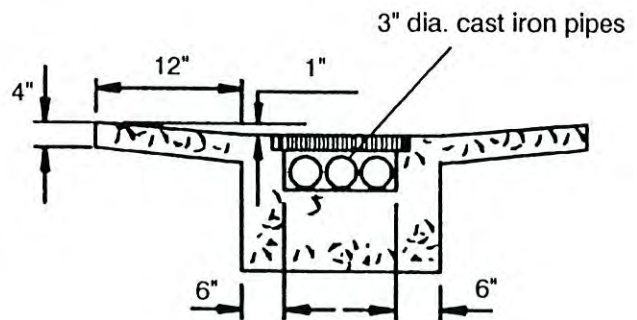
SD - 118 - 2



PLAN



SECTION A-A



SECTION B-B

Notes:

1. Concrete shall be Class "A", minimum 6 sacks per CY.
2. See Improvement Plans for grate & frame specifications and number of pipes.

THRU CURB DRAIN



**STANDARD
DETAILS**

CITY OF NEWARK

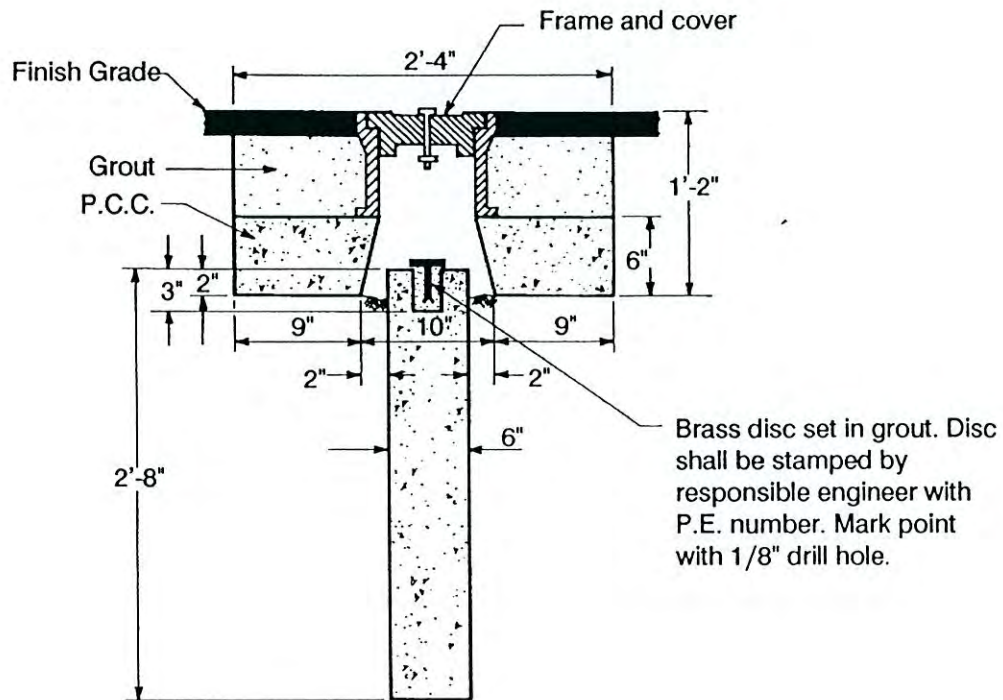
SCALE: NONE

DATE: 03/07/91

APPROVED BY:

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SD - 119



STANDARD CITY MONUMENT



**STANDARD
DETAILS**

CITY OF NEWARK

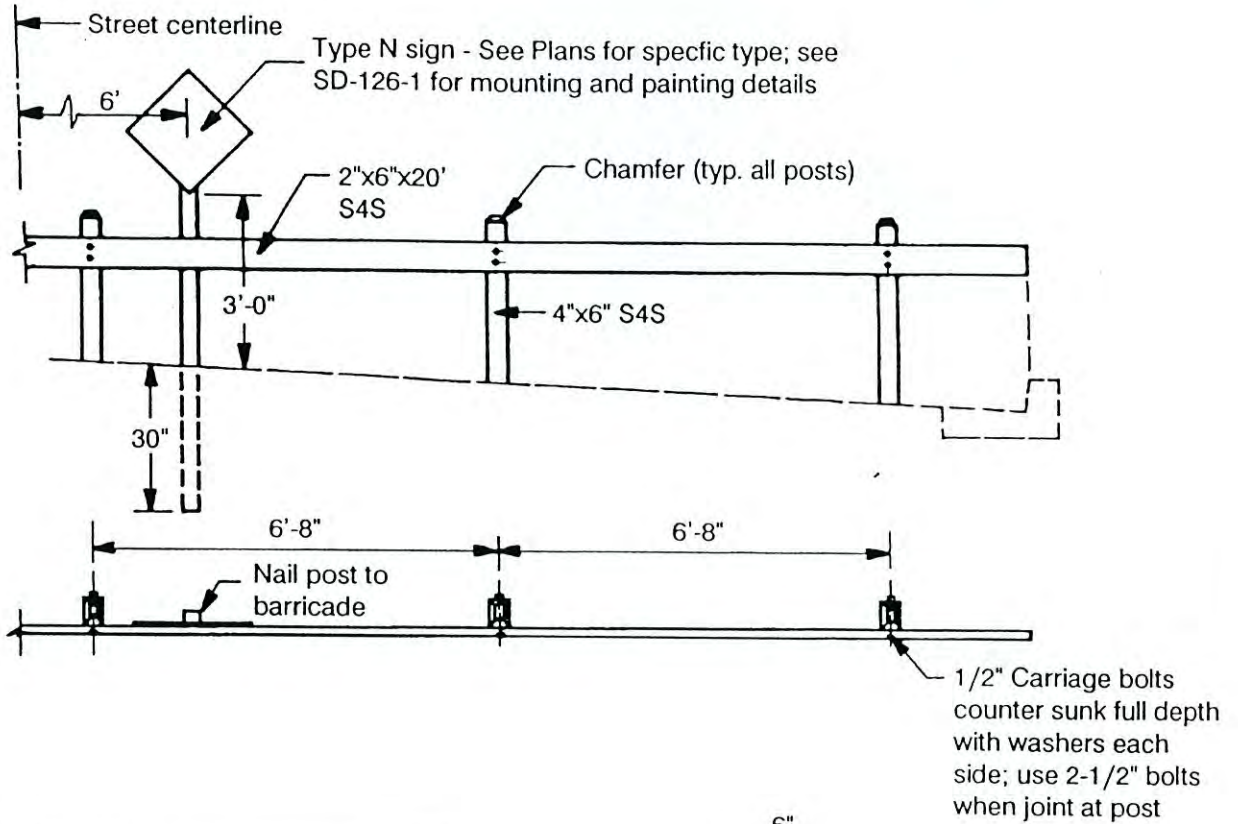
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DATE: 08/19/88

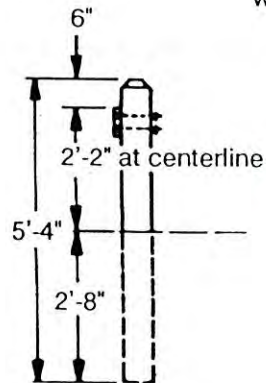
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SD - 120



Street Width	No. Spans
36'	5
40'	5
68'	9
84'	12



Notes:

1. All bolts shall have cut washers.
2. All lumber shall be as follows:
 Rails: *Douglas Fir, Dense No. 1 Stress Grade or better.*
 Posts: *Treated Douglas Fir, Dense No. 1 Stress Grade or better; or Dense Structural Grade Redwood.*
3. Entire barricade shall be painted white (3 coats).

TYPE A BARRICADE



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

DATE: 12/05/90

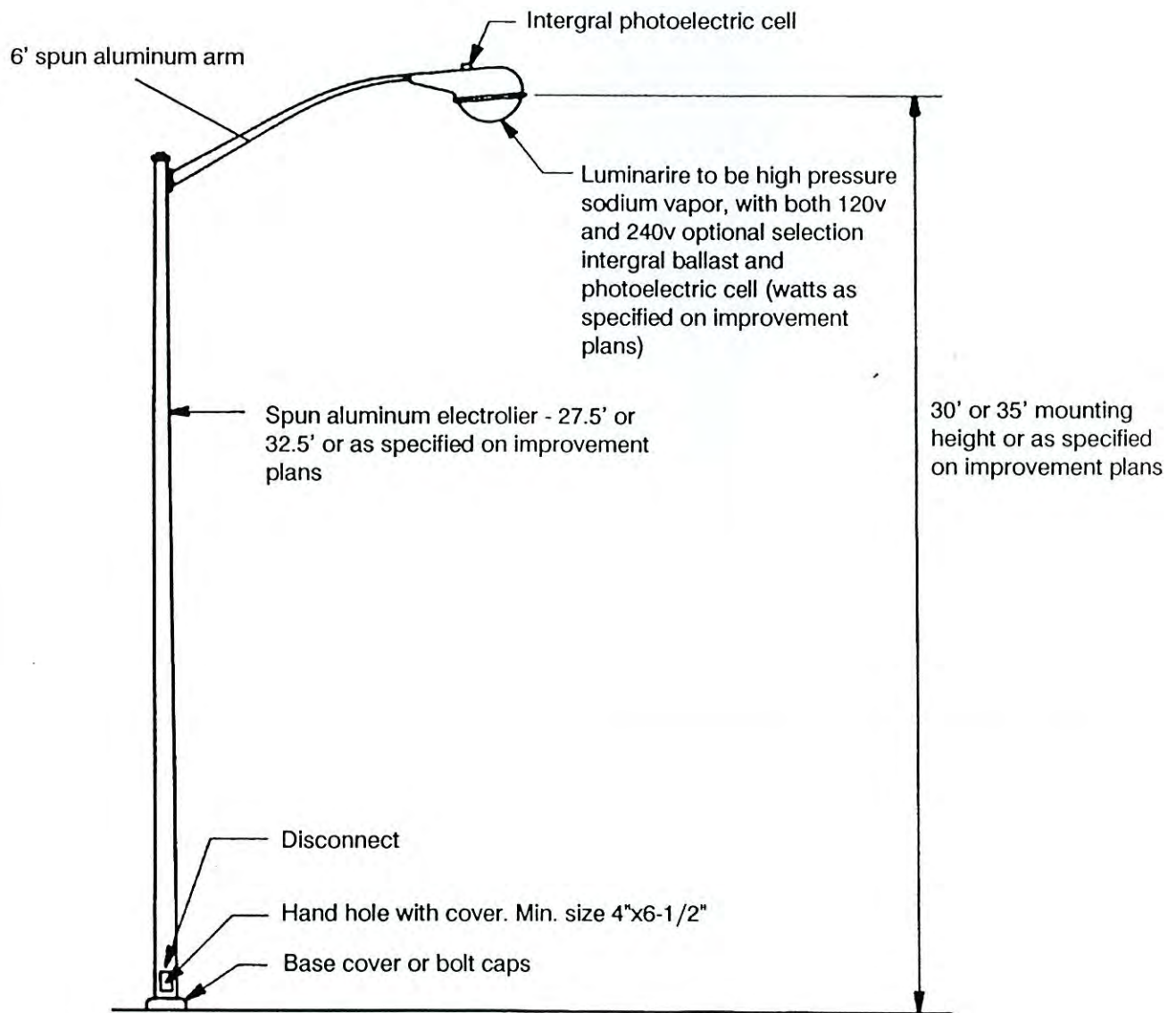
APPROVED BY:

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SD - 121 - 1



See SD-123 for electrolier base details

Notes:

1. See improvement plans for pole height, luminaire wattage and distribution.
2. Projects requiring installation of 4 or more electroliers shall be prepared by and signed by a registered Electrical Engineer.

ELECTROLIER



**STANDARD
DETAILS**

CITY OF NEWARK

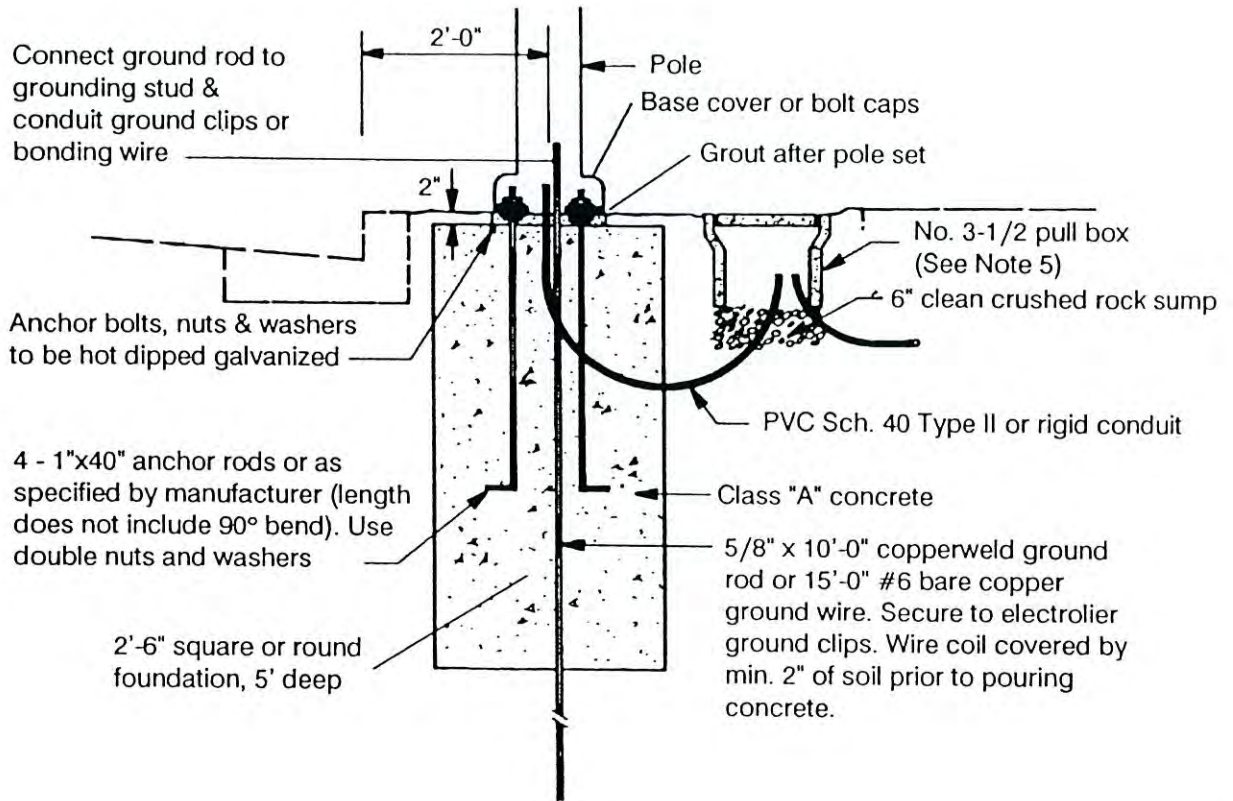
SCALE: NONE

DATE: 12/29/88

APPROVED BY:

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CITY ENGINEER P.E. 16982

SD - 122



Notes:

1. Minimum conduit size shall be 1-1/2".
2. Minimum cover over conduit shall be 18" under sidewalks, 24" in planter strips, and 36" under pavement.
3. All conduits not under concrete or asphalt concrete shall be protected with a 4" concrete cap. Conduit shall have a 4" sand shading prior to concrete cap.
4. Minimum radius of bends shall be 18".
5. Junction boxes shall meet the requirements for State Standard No. 3-1/2 pull box.
6. Junction box covers shall be secured with two 3/8" brass hold bolts with brass washers and nuts.
7. Pull boxes shall be installed only at locations shown on the Plans.
8. All conduits terminating in pull boxes shall be plugged with duct sealant.

ELECTROLIER BASE



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

DATE: 12/07/90

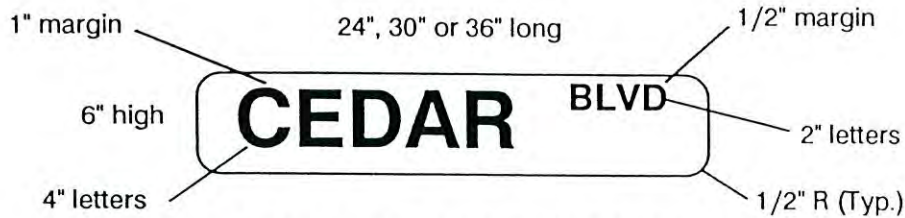
APPROVED BY:

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CITY ENGINEER P.E. 16982



SD - 123



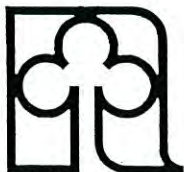
TYPICAL STREET NAME PLATE

Notes:

1. Sign plates shall be 6" high and 24", 30" or 36" long. Corner radii shall be 1/2" R.
2. Sign plates shall be manufactured from 6061 T6 aluminum, 0.063" thick for 24" plates and 0.080" thick for 30" and 36" plates.
3. Street name lettering shall be 4" high with 1" top and bottom margins. Street category abbreviations shall conform to the table on this drawing and shall be 2" high with 1/2" top margins.
4. Sign plates shall be Engineering grade reflective sheeting. Background shall be green; letters shall be white.
5. Lettering for street names shall be A, B, C or D Series capital letters. A Series letters may be used only on 36" signs. The widest letter series possible shall be used in each case. The street category shall be C Series letters in all cases.

<u>STREET CATEGORY</u>	<u>ABBREVIATION</u>
AVENUE	AVE
BOULEVARD	BLVD
COURT	CT
DRIVE	DR
PLACE	PL
STREET	ST

STREET NAME PLATE



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

DATE: 12/07/90

APPROVED BY:

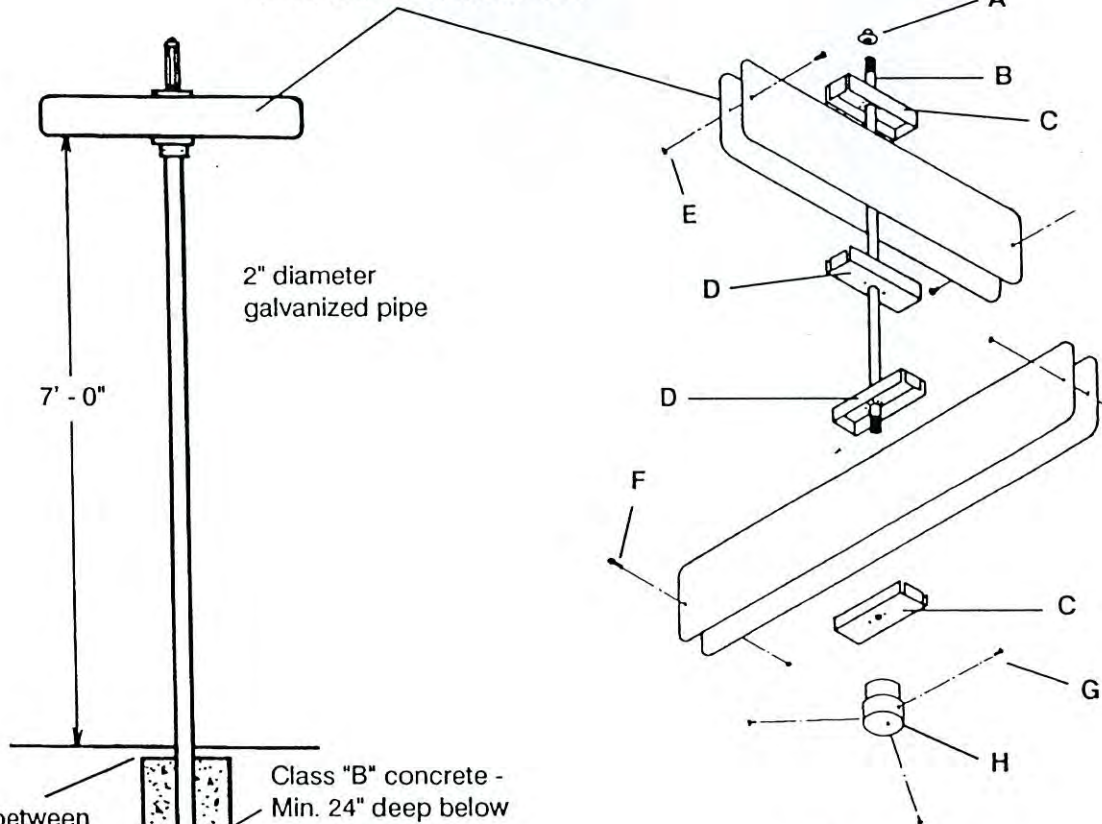
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SD - 124

Reflectorized street name sign -
See Standard Detail SD-124



Maintain 2" between top of foundation and finish grade

3" Min. between bottom of post and bottom of foundation

Class "B" concrete -
Min. 24" deep below finish grade

12" Dia.
or sq.

LIST OF PARTS

- A - 1/2" cap nut, zinc alloy
- B - 13-1/2" center rod
- C - 6" aluminum female separator
- D - 6" aluminum male separator
- E - Aluminum plate nut, No. 8 hex
- F - Aluminum plate bolt, No. 8 x 1/2" Phillips head
- G - Plated set screw, 1/4" - 20 x 1/2" square head
- H - Aluminum 2" pipe cap

Notes:

1. Refer to Plans for sign locations.
2. Install shortest street name plate on top, longest street name plate on bottom.
3. Unless otherwise shown on the Plans, street name signs shall be installed on the near right curb return on the minor street approach to the major street (same location as a stop sign on the minor street).

STREET NAME SIGN - TYPE A



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE DATE: 12/28/90

APPROVED BY:

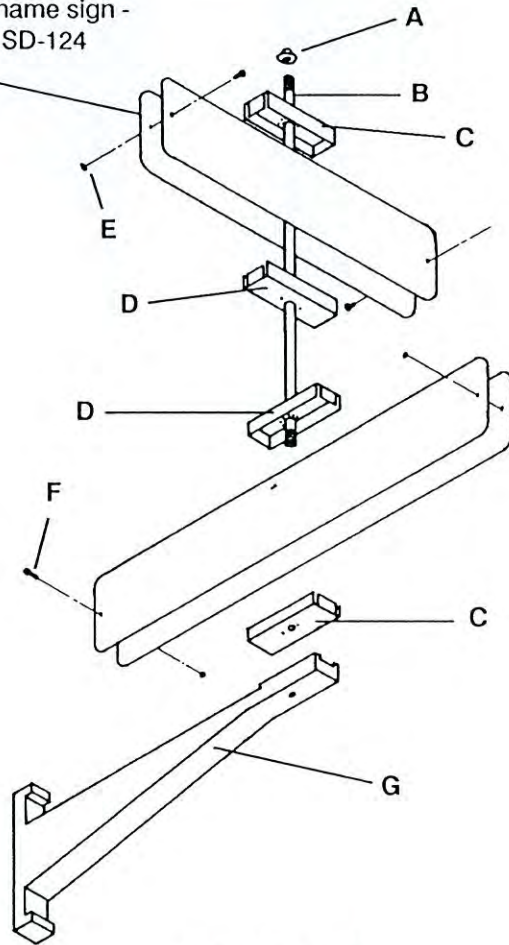
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SD - 125 - 1

Reflectorized street name sign -
See Standard Detail SD-124



LIST OF PARTS

- A - 1/2" Cap nut, zinc alloy
- B - 13 - 1/2" Center rod
- C - 6" Aluminum female separator
- D - 6" Aluminum male separator
- E - Aluminum plate nut, No. 8 hex
- F - Aluminum plate bolt, No. 8 x 1/2" Phillips head
- G - Electrolier bracket

Notes:

1. Refer to Street Improvement plans for sign locations.
2. Install shortest plate on top.

STREET NAME SIGN - TYPE B



**STANDARD
DETAILS**

CITY OF NEWARK

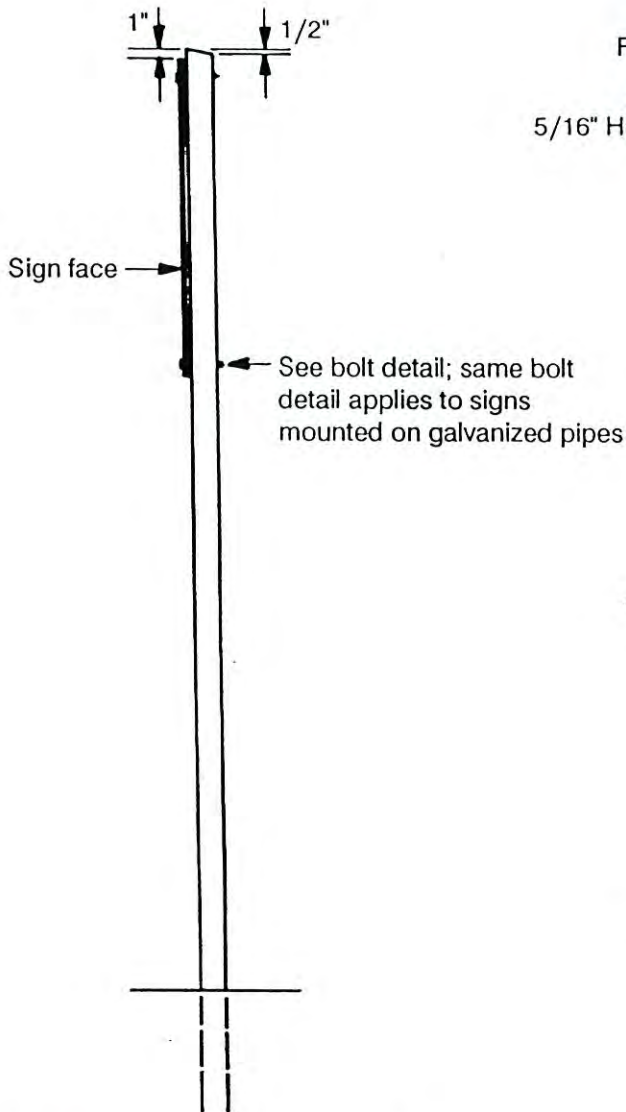
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DATE: 10/19/89

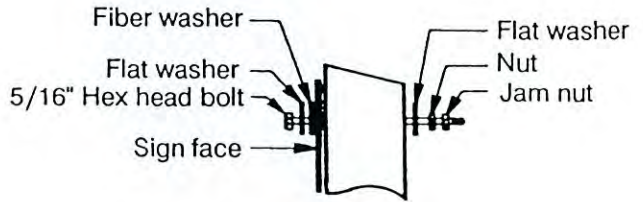
APPROVED BY:

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CITY ENGINEER P.E. 16982

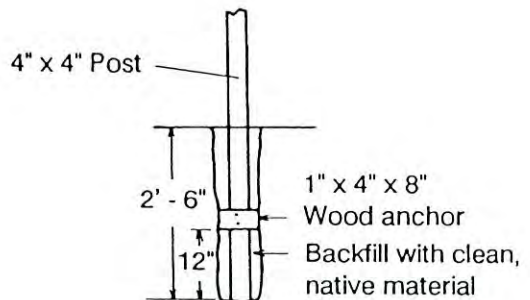
SD - 125 - 2



SIGN MOUNTING DETAILS



BOLT DETAIL
(See Note 1 for additional requirements)



POST INSTALLATION DETAIL

Notes:

1. All hardware except stainless steel shall be galvanized.
2. Wood posts shall be redwood, or preservative treated Douglas fir or Hem-Fir conforming to Section 56-2.02B of the California Department of Transportation Standard Specifications.
3. Traffic signs shall be installed at a right angle to the direction of approaching traffic or angled slightly toward traffic (maximum 3°).

GENERAL SIGNING DETAILS



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

DATE: 12/27/90

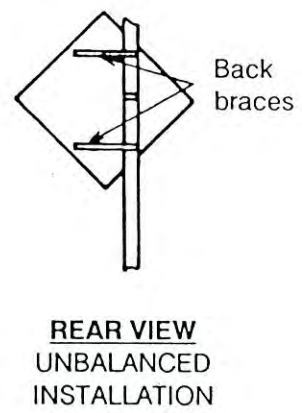
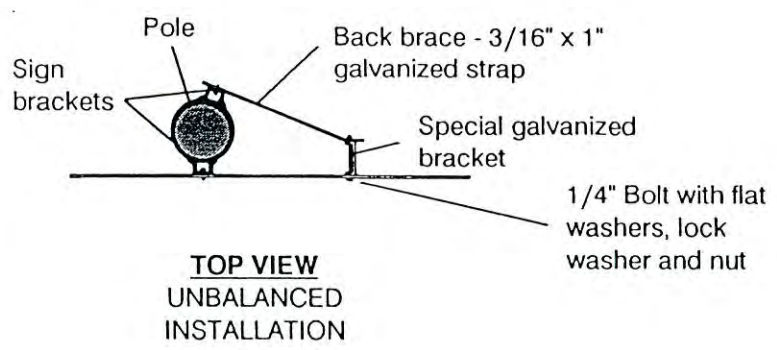
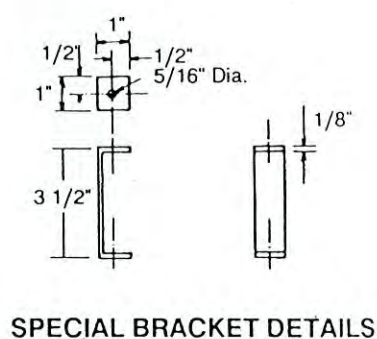
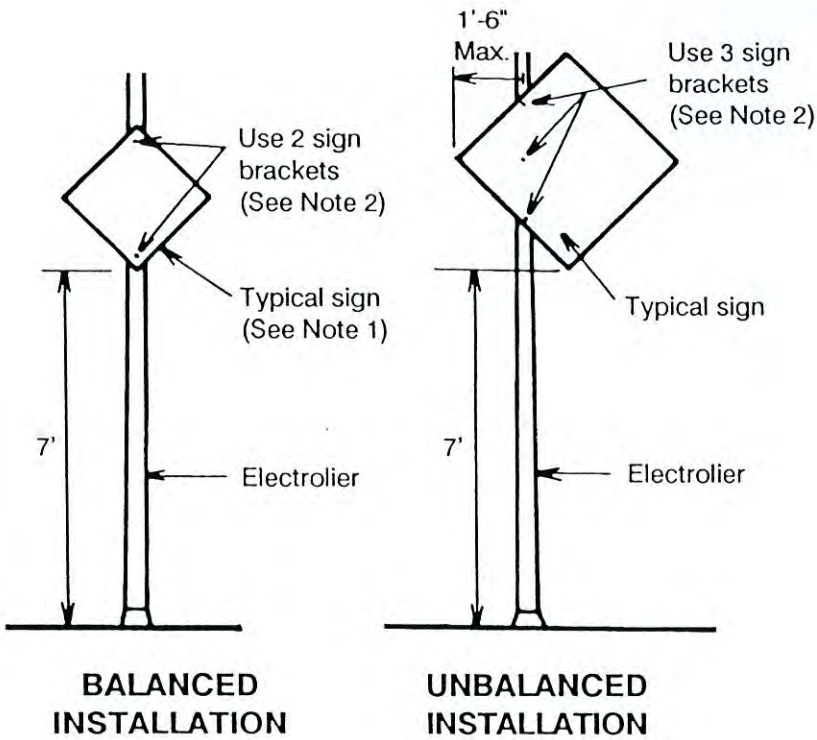
APPROVED BY:

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SD - 126 - 1



Notes:

- 1: Maximum sign size for balanced installation shall be 36" x 36" diamond and 36" wide rectangular signs.
- 2: Sign banding shall be stainless steel; all other hardware shall be galvanized.
- 3: See SD-126-1 for additional requirements regarding installation and hardware.

A1 SIGN MOUNTING



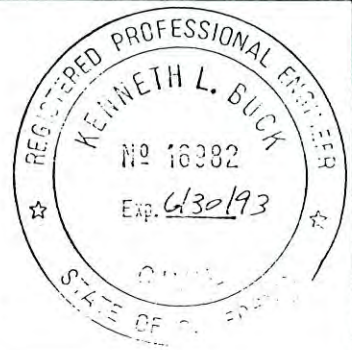
**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE DATE: 12/21/90

APPROVED BY:

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SD - 126 - 2

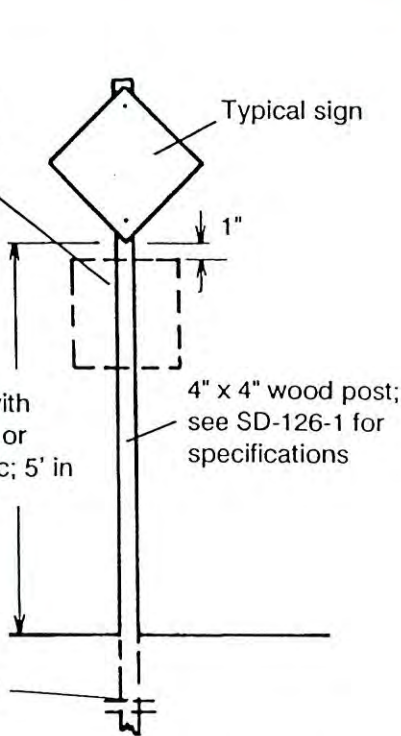
Additional sign where specified (See Note 1)

Typical sign

7' in locations with curb and gutter or pedestrian traffic; 5' in other locations

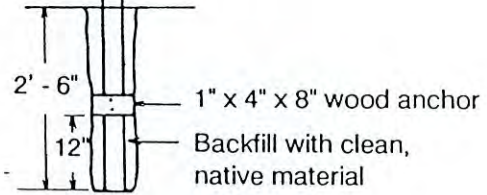
4" x 4" wood post; see SD-126-1 for specifications

See post installation detail

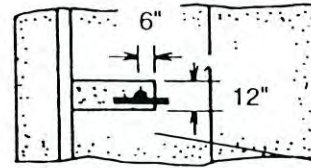


TYPICAL INSTALLATION DETAILS

4" x 4" Post



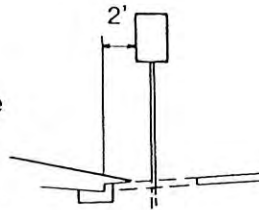
POST INSTALLATION DETAIL



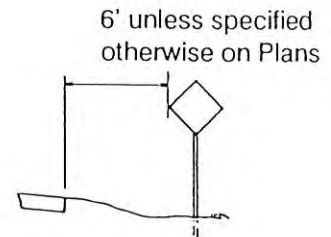
Score concrete as shown

COMMERCIAL SIDEWALK BREAKOUT DETAIL

Provide concrete breakout in commercial sidewalk areas - see Detail



AREAS WITH CURB AND GUTTER



AREAS WITHOUT CURB AND GUTTER

TYPICAL SIGN LOCATIONS

Notes:

1. When two signs are mounted on a single post, clearance from the ground shall be measured from the bottom of lower sign.
2. See SD-126-1 for additional requirements regarding installation and hardware.

B1 SIGN MOUNTING



STANDARD DETAILS

CITY OF NEWARK

SCALE: NONE

DATE: 01/04/91

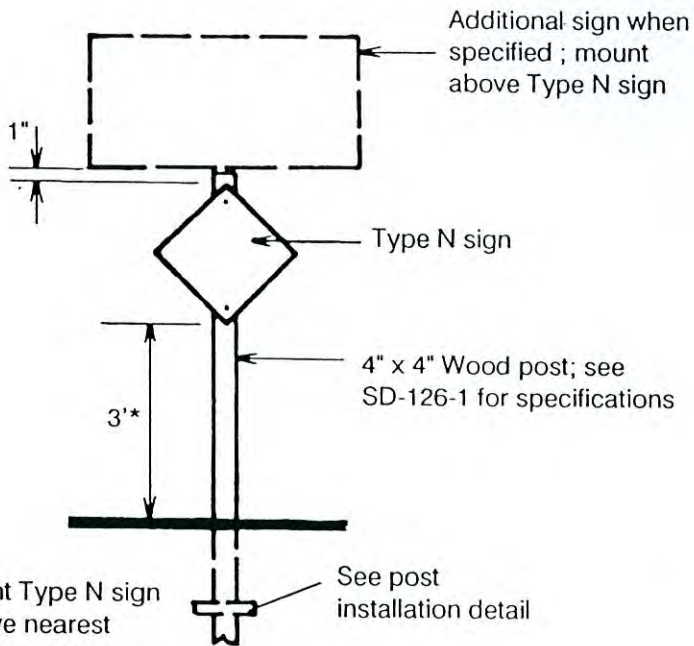
APPROVED BY:

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CITY ENGINEER P.E. 16982

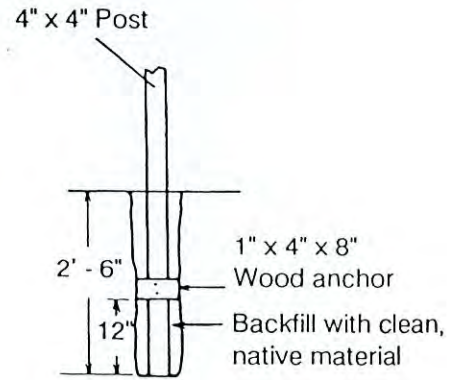


SD - 126 - 3

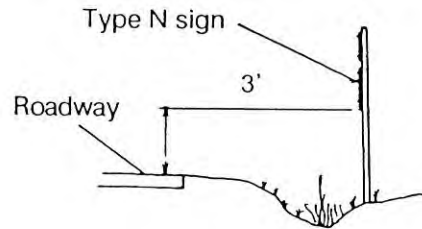


* Mount Type N sign 3' above nearest adjacent roadway surface

TYPICAL INSTALLATION DETAILS



POST INSTALLATION DETAIL



TYPICAL INSTALLATION

Notes:

1. All sheeting shall be reflective engineering grade Scotchlite with black borders where required. Type N sign size shall be 18"x18".
2. Yellow background signs shall be used on median noses and locations where traffic moves on each side of the sign. Red background signs shall be used in head on positions such as barricades. Orange background signs shall be used in construction zones. Sign types: N-1 (Yellow background, no reflectors); N-2 (Red background, no reflectors); N-3 (Orange background, no reflectors); N-4 (Yellow background, yellow reflectors); N-5 (Red background, red reflectors)
3. See SD-126-1 for additional requirements regarding installation and hardware.

TYPE N SIGN AND MOUNTING



STANDARD
DETAILS

CITY OF NEWARK

SCALE: NONE

DATE: 01/04/91

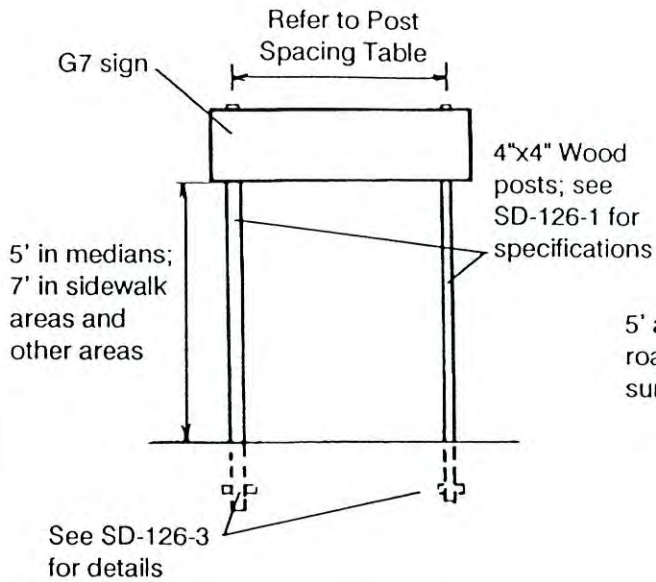
APPROVED BY:

Kenneth L. Buck

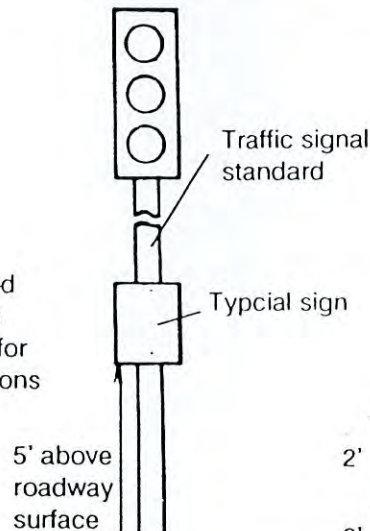
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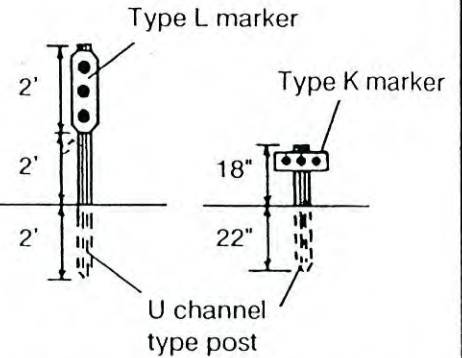
SD - 126 - 6



TYPE C SIGN MOUNTING

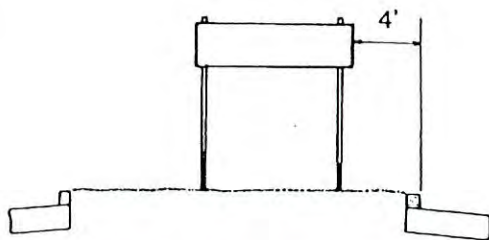


TYPE D SIGN MOUNTING



TYPE E SIGN MOUNTING

TYPE F SIGN MOUNTING



Typical C mounting installation within median; provide similar lateral clearance at other locations. In no case shall posts be installed within the rear 4' of a 10' wide sidewalk.

C MOUNTING POST SPACING TABLE		
SIGN PANEL LENGTH	SIGN PANEL OVERHANG	POST SPACING
4'-8", 5'-0" & 5'-6"	6", 9" & 12"	3'-6"
6'-0" & 6'-6"	12" & 15"	4'-0"
7'-0" & 7'-6"	15" & 18"	4'-6"
8'-0"	18"	5'-0"

Notes:

1. See SD-126-1 for additional requirements regarding installation hardware.

C, D, E & F SIGN MOUNTING



**STANDARD
DETAILS**

CITY OF NEWARK

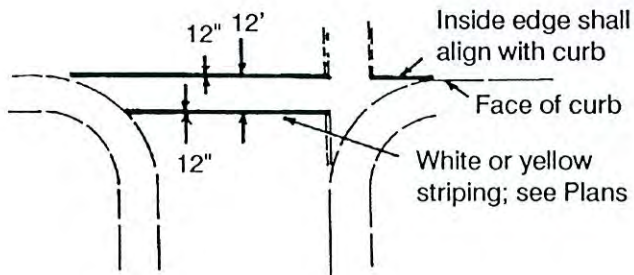
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DATE: 12/27/90

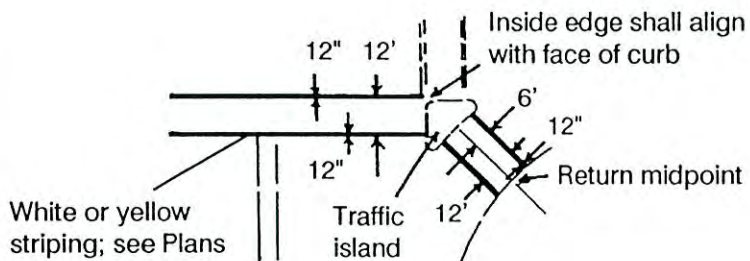
APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 126 - 7



STANDARD CROSSWALK



STARD CROSSWALK FROM TRAFFIC ISLAND

Notes:

1. Pavement legends shall conform to Chapter 16 of the Department of Transportation Maintenance Manual.
2. On multi-lane streets, pavement legends shall be painted in each lane.
3. City of Newark legend stencils shall be used.

STRIPING DETAILS



**STANDARD
DETAILS**

CITY OF NEWARK

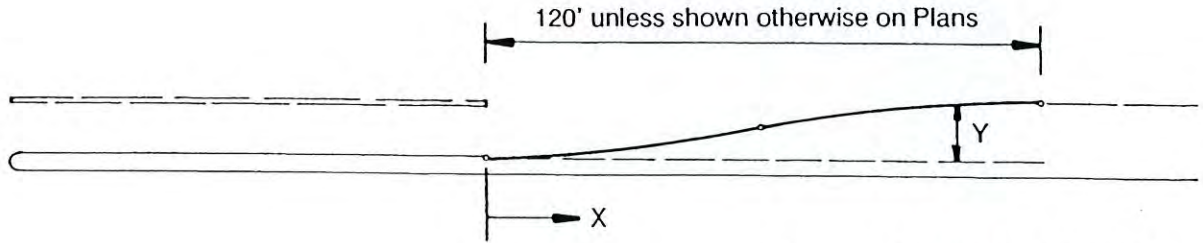
SCALE: NONE

DATE: 10/26/89

APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

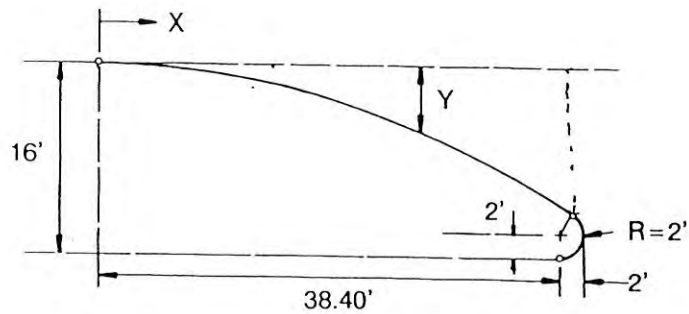
SD - 127



Formula (0' - 6') - $Y = 0.0016667X^2$

STATION - X	0	10	20	30	40	50	60	70	80	90	100	110	120
OFFSET - Y	0	0.17	0.67	1.50	2.66	4.17	6.00	7.83	9.34	10.50	11.33	11.83	12.00

LEFT TURN LANE TRANSITION



Formula - $Y = 0.0079012X^2$

STATION - X	0	10	15	20	25	30	35	39.45
OFFSET - Y	0	0.79	1.78	3.16	4.94	7.11	9.68	12.30 (Pt of Tangent)

MERGE TRANSITION

TRANSITIONS



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

DATE: 12/05/90

APPROVED BY:

Kenneth L. Buck

KENNETH L. BUCK
CITY ENGINEER P.E. 16982



SD - 128

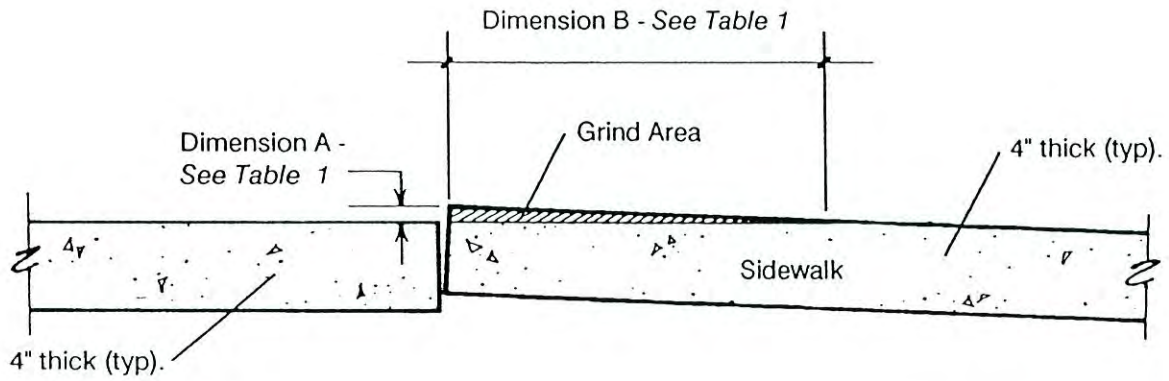


TABLE 1 - GRINDING WIDTH

<u>Dimension A</u>	<u>Dimension B</u>
1' and less	6' Minimum
1'+ to 2' or more	12' Minimum

SIDEWALK GRINDING DETAILS



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

DATE: 12/15/89

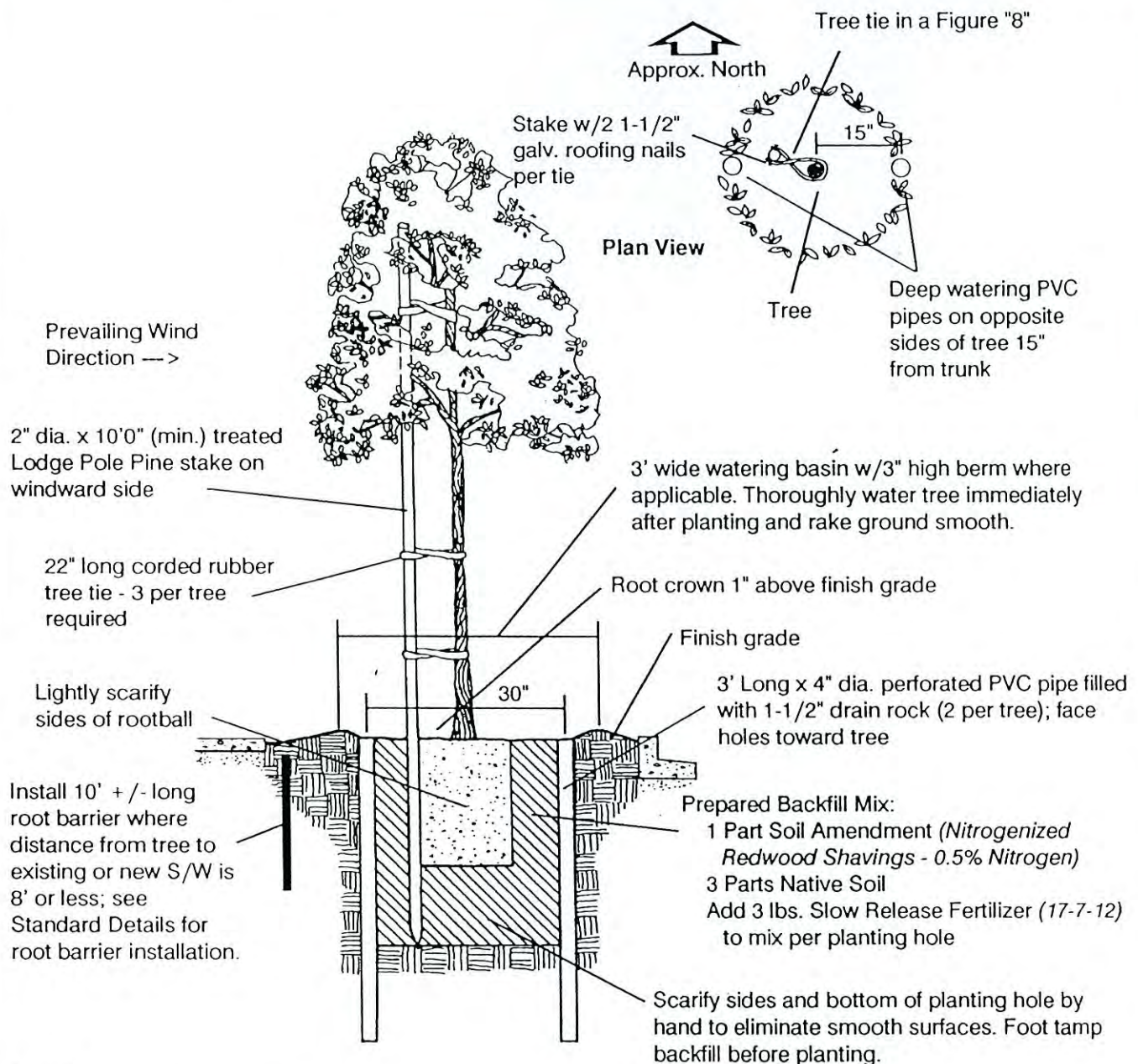
APPROVED BY:

Kenneth L. Buck

KENNETH L. BUCK
CITY ENGINEER P.E. 16982



SD - 129



Notes:

1. Planting hole shall be min. 24" dia. and 1-1/2 times depth of root ball.
2. Species and plant stock shall be pre-approved by City Engineer prior to planting.
3. Contractor shall notify Underground Service Alert @ (800) 642-2444 prior to excavating planting holes.

REV. 2

TREE PLANTING DETAIL



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

DATE: 11/17/88

APPROVED BY:

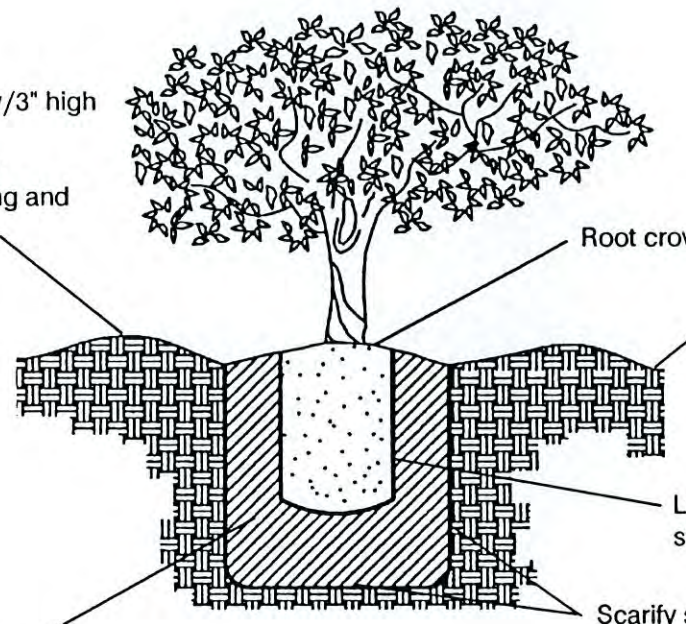
Kenneth L. Buck

KENNETH L. BUCK
CITY ENGINEER P.E. 16982



SD- 201

3' wide watering basin w/3" high berm where applicable. Thoroughly water shrub immediately after planting and rake ground smooth.



Root crown 1" above finish grade
Finish grade

Lightly scarify sides of rootball

Scarify sides and bottom of planting hole by hand to eliminate smooth surfaces. Foot tamp backfill before planting.

Prepared Backfill Mix:
1 Part Soil Amendment (*Nitrogenized Redwood Shavings - 0.5% Nitrogen*)
3 Parts Native Soil
Add 3 lbs. Slow Release Fertilizer (*17-7-12*)
to mix per planting hole

Notes:

1. Planting hole shall be min. 24" dia. and 1-1/2 times depth of root ball.
2. Species and plant stock shall be pre-approved by City Engineer prior to planting.

SHRUB PLANTING DETAIL



**STANDARD
DETAILS**

CITY OF NEWARK

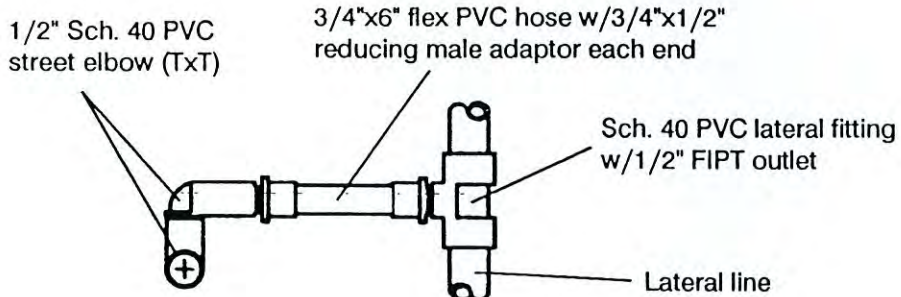
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DATE:03/06/91

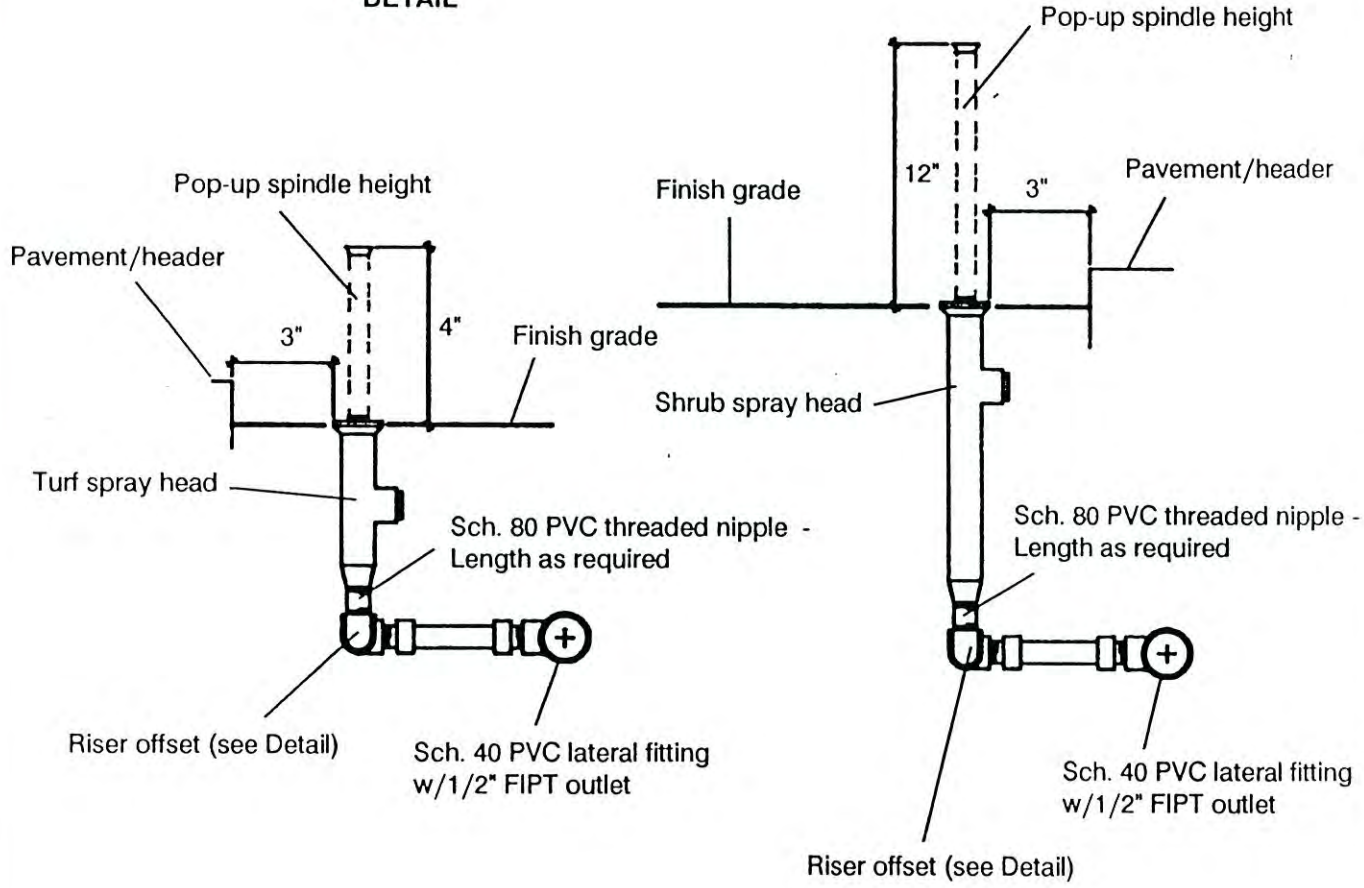
APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD- 202



**RISER OFFSET
DETAIL**



POP-UP SPRAY HEAD



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE DATE: 03/04/91

APPROVED BY:

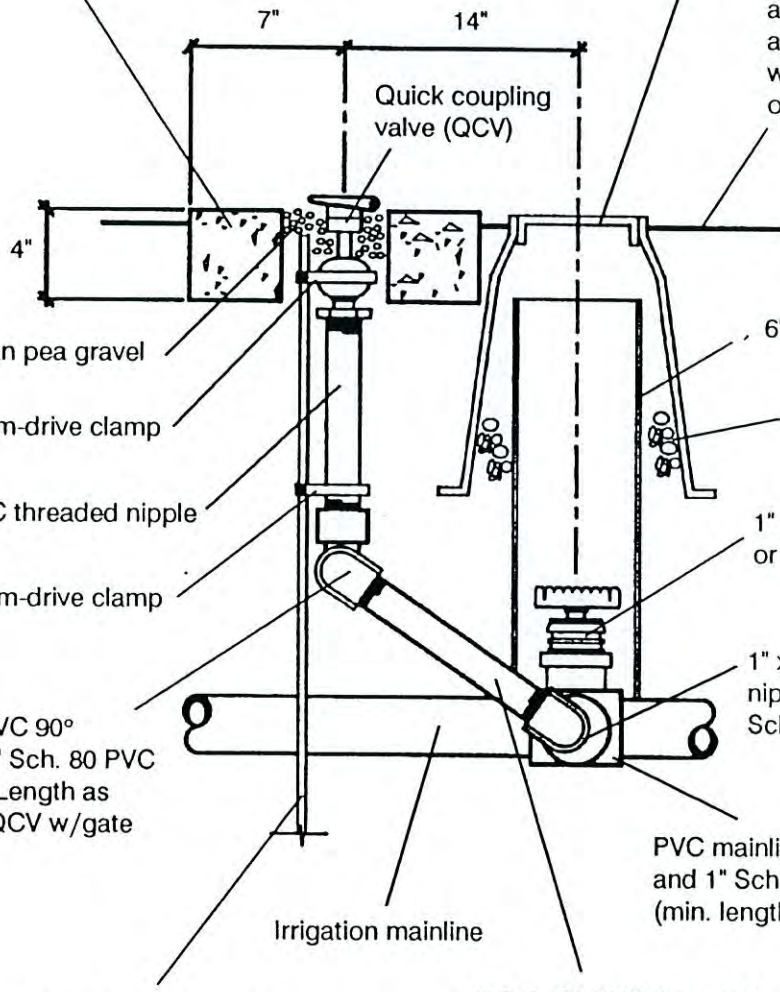
KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 203

Concrete collar (Christy Type 'A' Sprinkler Block or approved equal)

Valve box (Carson No. 910-12B or approved equal)

Set collar and box 3/4" above finish grade in lawn and non-mulch areas, flush with mulch or concrete in other areas



Clean pea gravel
Stainless steel worm-drive clamp

1" x 12" Sch. 80 PVC threaded nipple

Stainless steel worm-drive clamp

2 ea. 1" Sch. 40 PVC 90° elbows (TxT) w/1" Sch. 80 PVC threaded nipple - Length as required to align QCV w/gate valve

1/2" x 36" galvanized iron pipe stake

Irrigation mainline

1" Sch. 80 PVC threaded nipple - Length as required

6" dia. PVC pipe sleeve

Clean pea gravel

1" gate valve (NIBCO T-113 or approved equal)

1" x 12" Sch. 80 PVC threaded nipple, from gate valve w/1" Sch. 40 PVC 90° elbow (TxT)

PVC mainline fitting w/1" FIPT outlet and 1" Sch. 80 PVC threaded nipple (min. length - 6"), to gate valve

Notes:

1. Orient quick coupling valve cover to open away from direction of access.

QUICK COUPLING VALVE



**STANDARD
DETAILS**

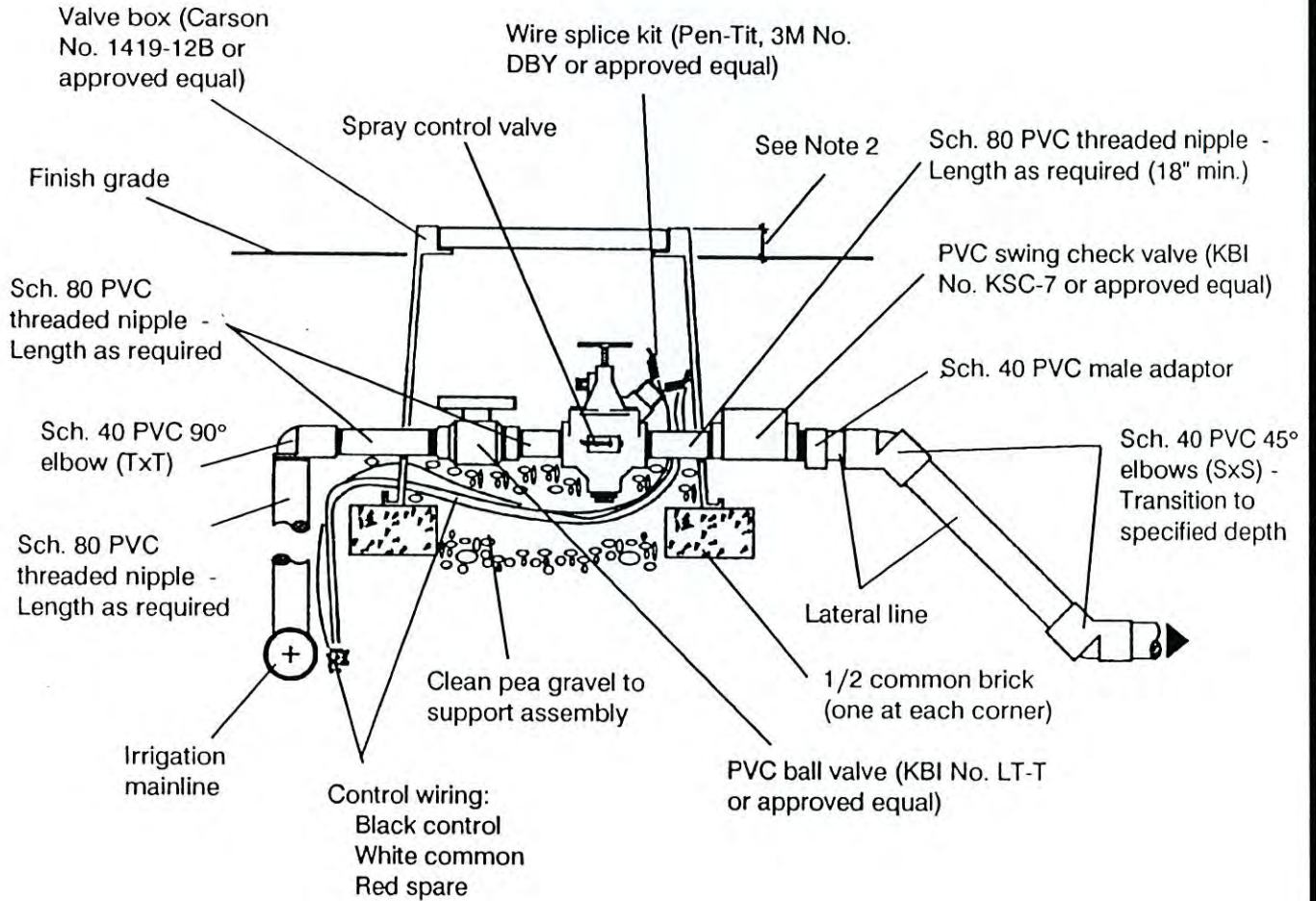
CITY OF NEWARK

SCALE: NONE DATE: 03/04/91

APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 205



Notes:

1. Remote control valves shall be cast iron body with removable seat, mechanically self-cleaning and automatically self-purging. The solenoid pilot must be corrosion proof, molded in epoxy, and encased in brass. Valves shall be by the same manufacturer as the automatic controller.
2. Valve boxes shall be concrete with concrete or metal covers within turf areas or fiberglass with glass fiber reinforced plastic covers within groundcover areas. Covers shall be marked with the appropriate controller and valve identification letters and numbers with paint or cover marking plates. Set top of box 3/4" above finish grade in lawn areas and 2" above grade in other areas.
3. See Specifications for additional requirements.

REMOTE CONTROL VALVE W/GATE VALVE



**STANDARD
DETAILS**

CITY OF NEWARK

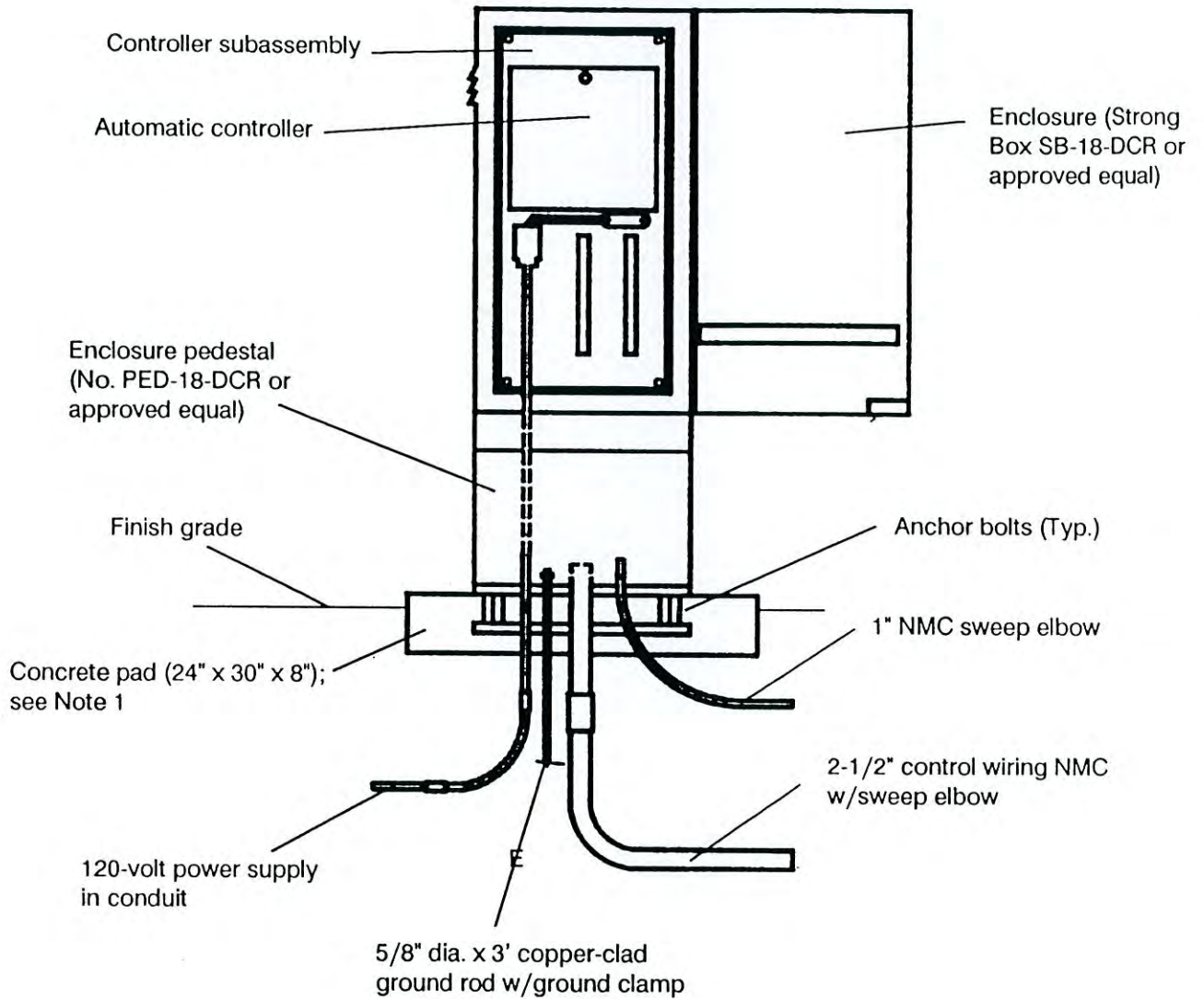
SCALE: NONE

DATE: 03/04/91

APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 206



Notes:

1. Concrete shall be Class "A", minimum 6 sacks per CY. Add 1 lb. Lamp Black per C.Y. Foundation shall extend 1" above finish grade and 6" clear on all sides of the controller.
2. Seal all openings in enclosure with approved non-hardening sealant, including the base of enclosure at the joint with the concrete pad.

AUTOMATIC IRRIGATION CONTROLLER



**STANDARD
DETAILS**

CITY OF NEWARK

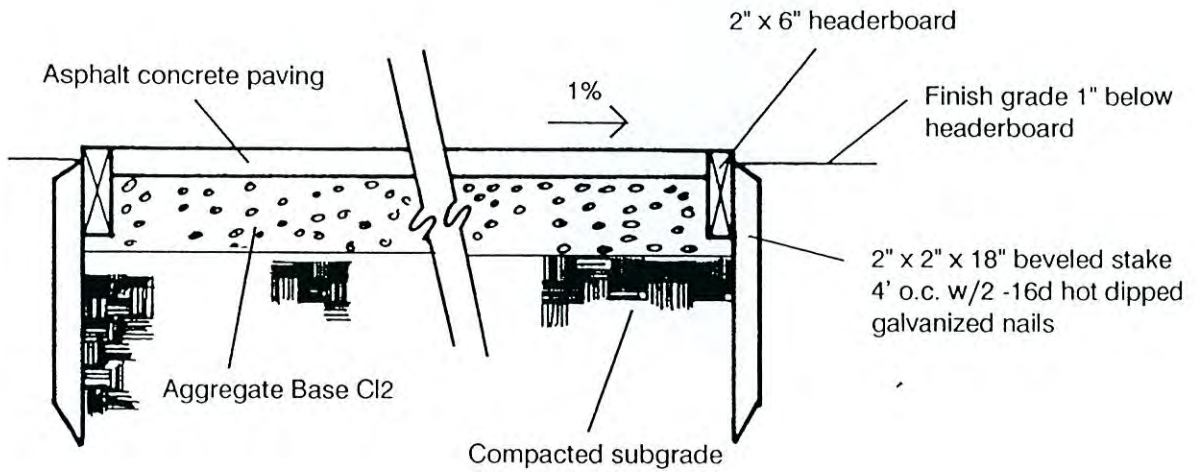
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DATE: 03/01/91

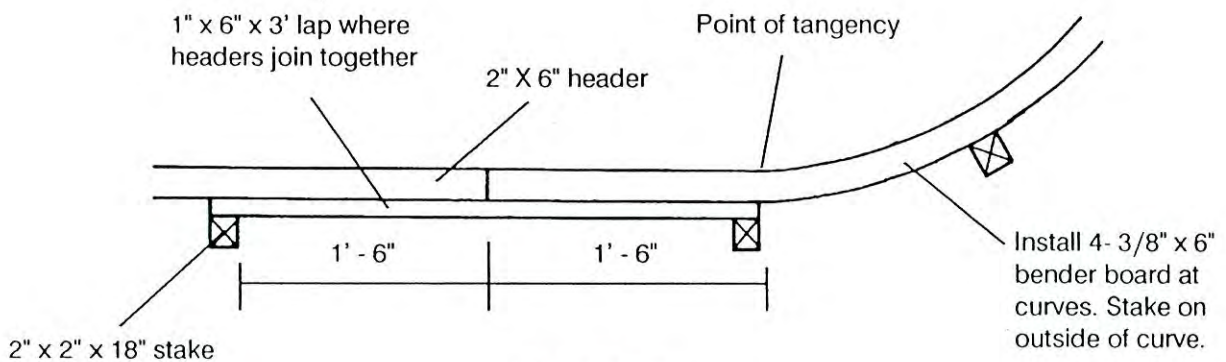
APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 209



SECTION



PLAN VIEW

ASPHALT CONCRETE PAVING & HEADERBOARD



**STANDARD
DETAILS**

CITY OF NEWARK

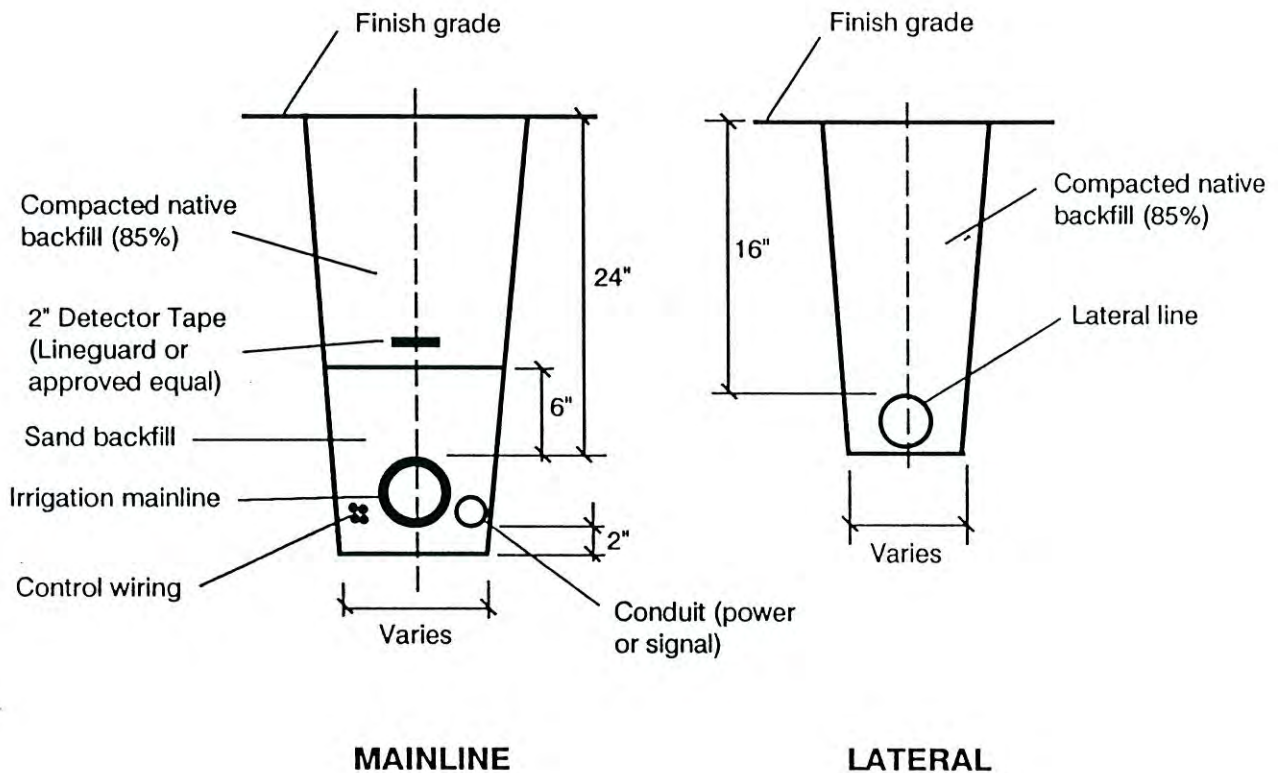
SCALE: NONE

DATE: 01/29/90

APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 210



Notes:

1. Trench width to allow proper snaking of pipe(s).
2. Provide min. 2" sand bedding beneath and min. 6" sand backfill over all irrigation main lines.
3. Tape control wire at 10' intervals, leave slack at all changes of direction.

IRRIGATION TRENCH SECTIONS



**STANDARD
DETAILS**

CITY OF NEWARK

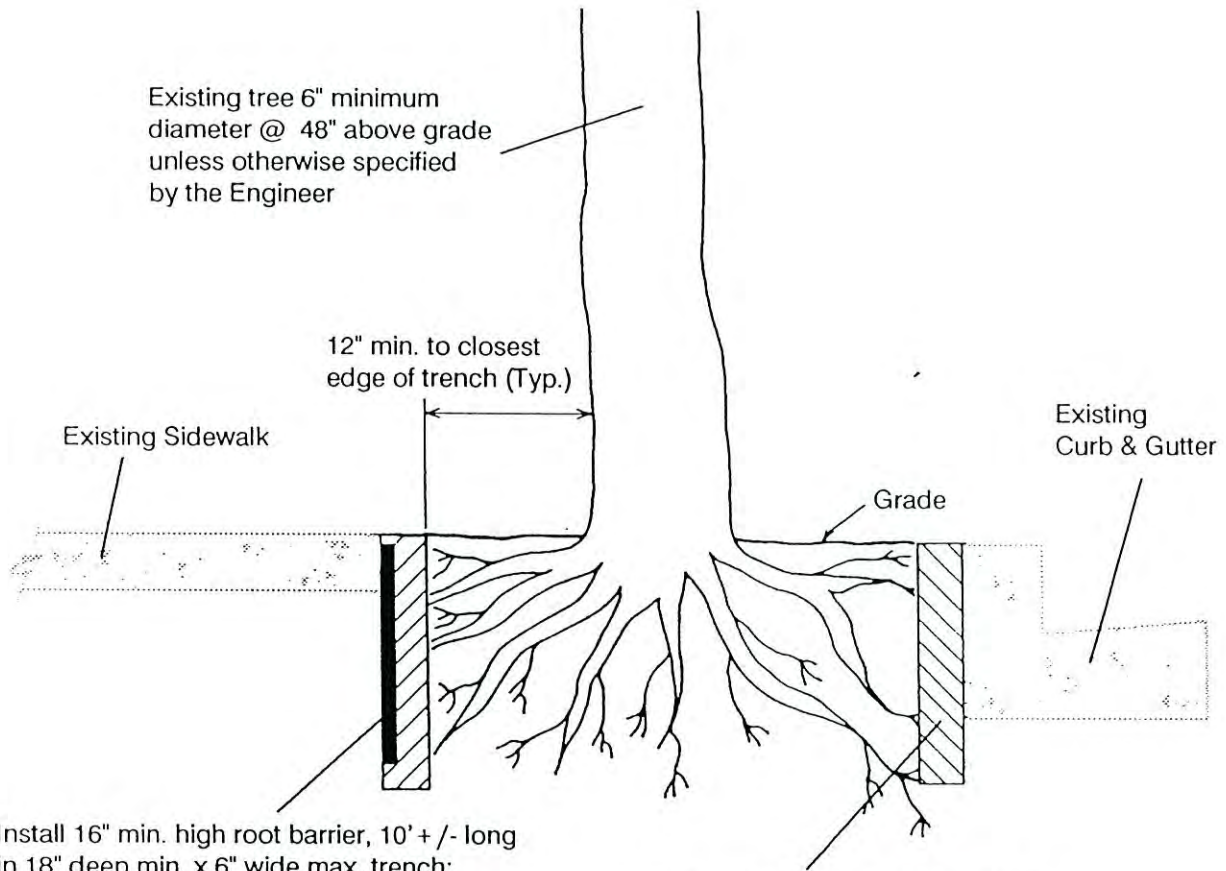
SCALE: NONE

DATE: 03/04/91

APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 211



Existing tree 6" minimum diameter @ 48" above grade unless otherwise specified by the Engineer

12" min. to closest edge of trench (Typ.)

Existing Sidewalk

Existing Curb & Gutter

Grade

Install 16" min. high root barrier, 10' +/- long in 18" deep min. x 6" wide max. trench; barrier shall be maximum 6" from sidewalk with top of barrier 1" from final grade and installed vertical in trench. Center root barrier on tree. Backfill with native material.

18" deep min. x 6" wide max. root pruning trench; backfill with native material (Additional or alternate C/G location may be designated by the Engineer: see Specifications)

ROOT PRUNING - NO CONCRETE REPLACEMENT



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

DATE: 05/18/89

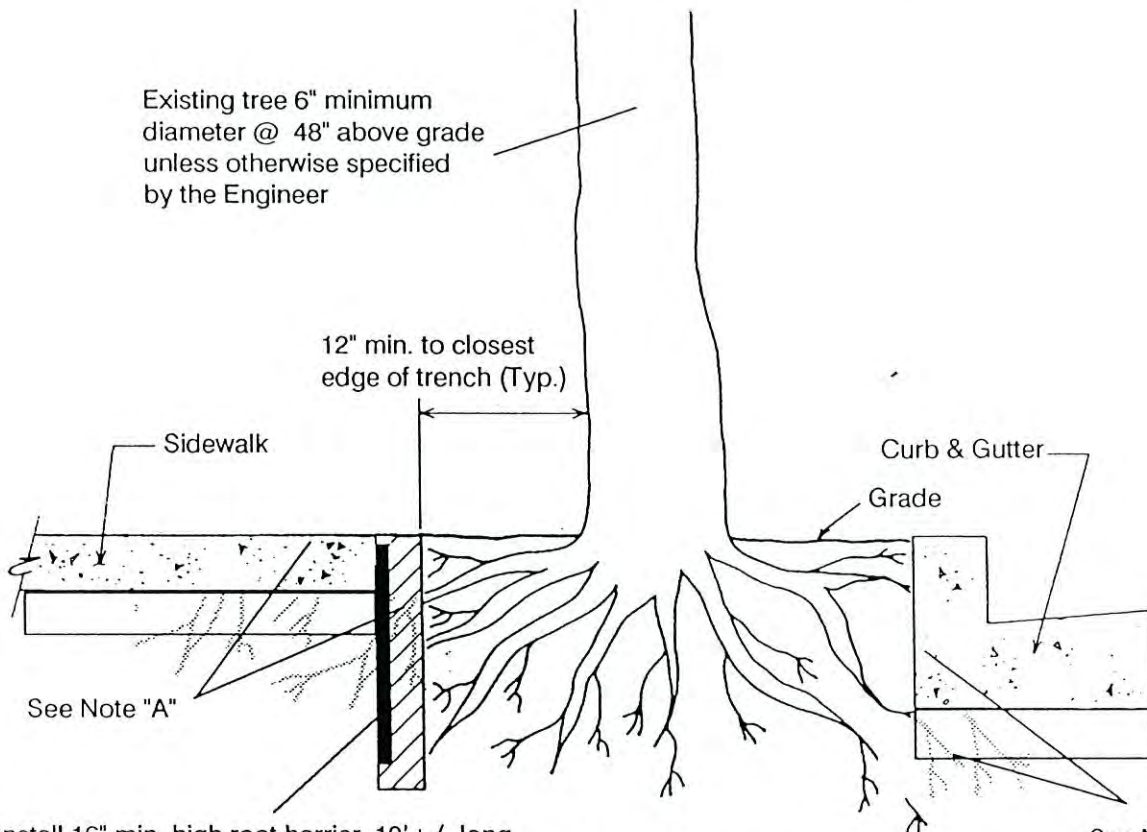
APPROVED BY:

Kenneth L. Buck

KENNETH L. BUCK
CITY ENGINEER P.E. 16982



SD - 212 - 1

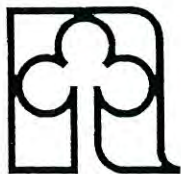


Install 16" min. high root barrier, 10' +/- long in 18" deep min. x 6" wide max. trench; barrier shall be maximum 6" from sidewalk with top of barrier 1" from final grade and installed vertical in trench. Center root barrier on tree. Backfill with native material. [Pay Item - ROOT PRUNING (INCLUDING ROOT BARRIER)]

NOTE A:

After removal of existing sidewalk and/or curb and gutter, excavate and clear the area to subgrade (including root removal and disposal) and place ASB cushion prior to placing new concrete work. All roots necessary to be removed to clear the area to subgrade shall be sawcut, severed with a root cutting machine, or other machine or method approved by the Engineer in order to provide a smooth clean cut of the existing roots. Roots 6" in diameter or larger shall not be cut until approved by the Engineer. [Pay Item - EXCAVATE, CLEAR AND PLACE CUSHION]

ROOT PRUNING w/CONCRETE REPLACEMENT



**STANDARD
DETAILS**

CITY OF NEWARK

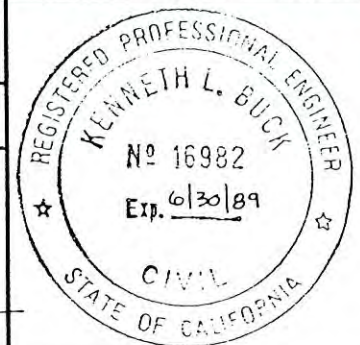
SCALE: NONE

DATE: 05/30/89

APPROVED BY:

Kenneth L. Buck

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CITY ENGINEER P.E. 16982



SD - 212 - 2

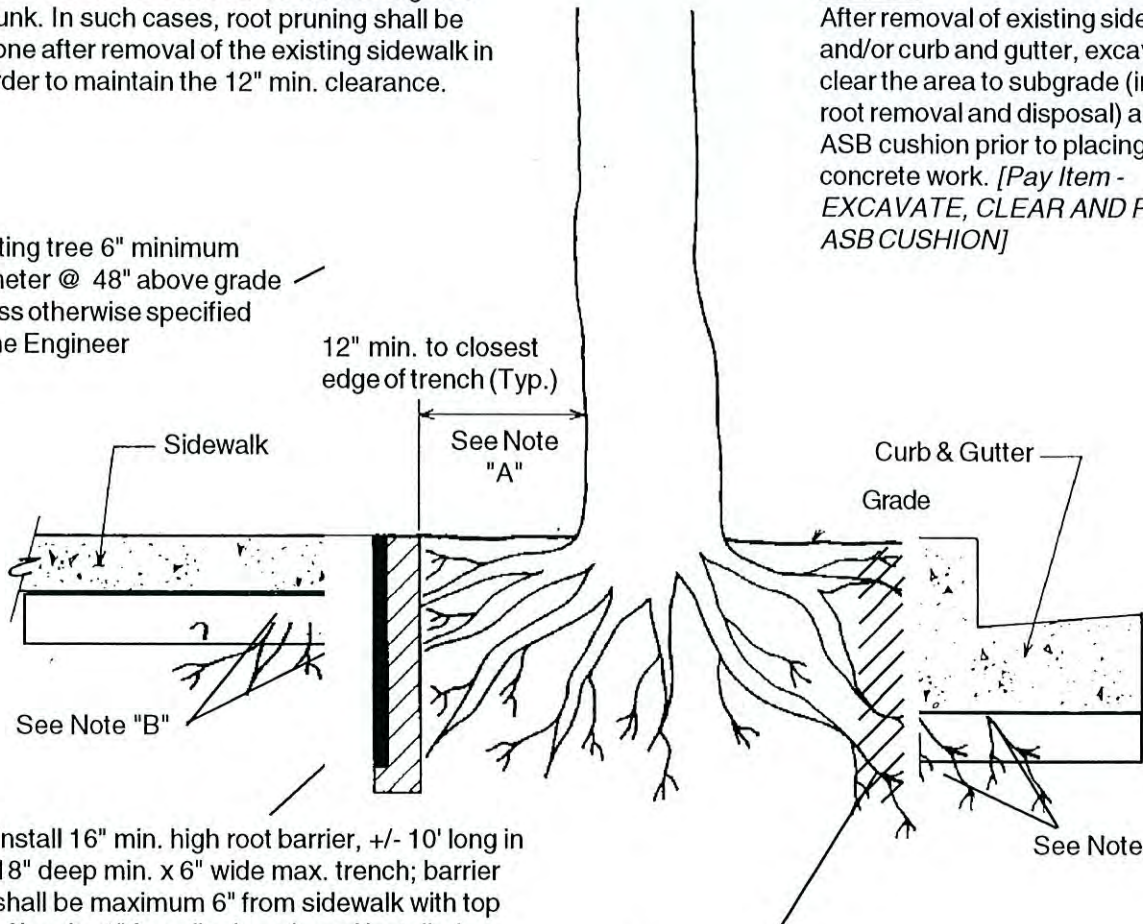
NOTE A:

Root pruning may be done prior to removal of the existing sidewalk unless the resulting trench is closer than 12" to an existing tree trunk. In such cases, root pruning shall be done after removal of the existing sidewalk in order to maintain the 12" min. clearance.

NOTE B:

After removal of existing sidewalk and/or curb and gutter, excavate and clear the area to subgrade (including root removal and disposal) and place ASB cushion prior to placing new concrete work. [Pay Item - EXCAVATE, CLEAR AND PLACE ASB CUSHION]

Existing tree 6" minimum diameter @ 48" above grade unless otherwise specified by the Engineer



Install 16" min. high root barrier, +/- 10' long in 18" deep min. x 6" wide max. trench; barrier shall be maximum 6" from sidewalk with top of barrier 1" from final grade and installed vertical in trench. Center root barrier on tree. Backfill with native material.
[Pay Item - ROOT PRUNING INCLUDING ROOT BARRIER (SIDEWALK REPAIR)]

Prior to curb and gutter removal, construct 18" deep min. x 6" wide max. root pruning trench; backfill with native material (additional or alternate C/G location may be designated by the Engineer; see Specifications .
[Pay Item - ROOT PRUNING (CURB AND GUTTER REPAIR)]

ROOT PRUNING BOTH SIDES w/CONC. REPLACEMENT



STANDARD
DETAILS

CITY OF NEWARK

SCALE: NONE

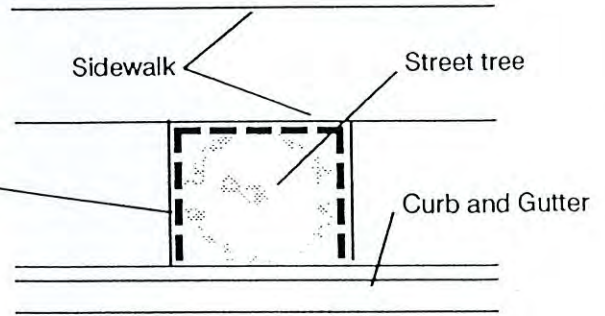
DATE: 01/28/91

APPROVED BY:

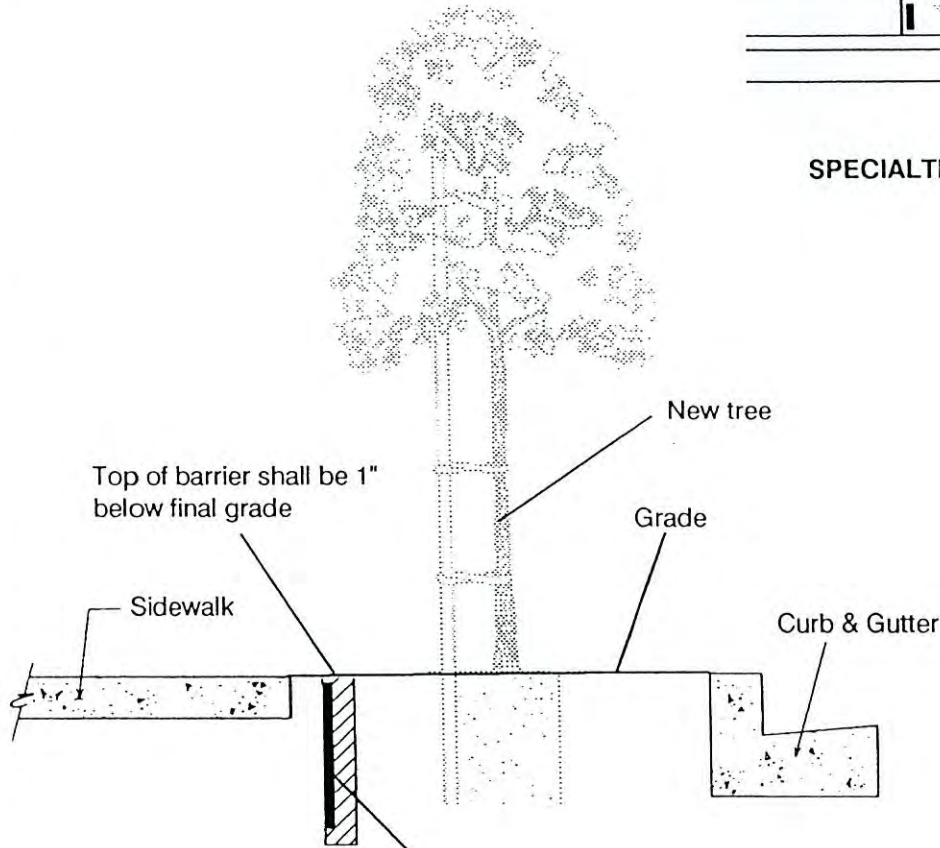
KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 212 - 3

For tree wells of 30 SF in area or greater, install single root barrier along sidewalk to maximum width of tree well; for tree wells less than 30 SF, install continuous root barrier on three sides as shown.



PLAN
SPECIAL TREE WELL DETAIL



Install 16" min. high root barrier, 10' +/- long in 18" deep min. x 6" wide max. trench; barrier shall be maximum 6" from sidewalk with top of barrier 1" from final grade. Center root barrier on tree. Backfill with native material.

ROOT BARRIER DETAIL



STANDARD
DETAILS

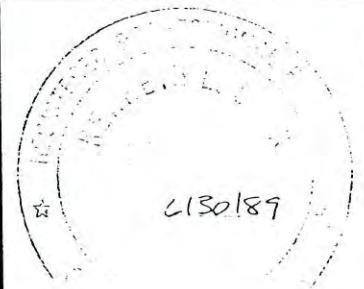
CITY OF NEWARK

SCALE: NONE

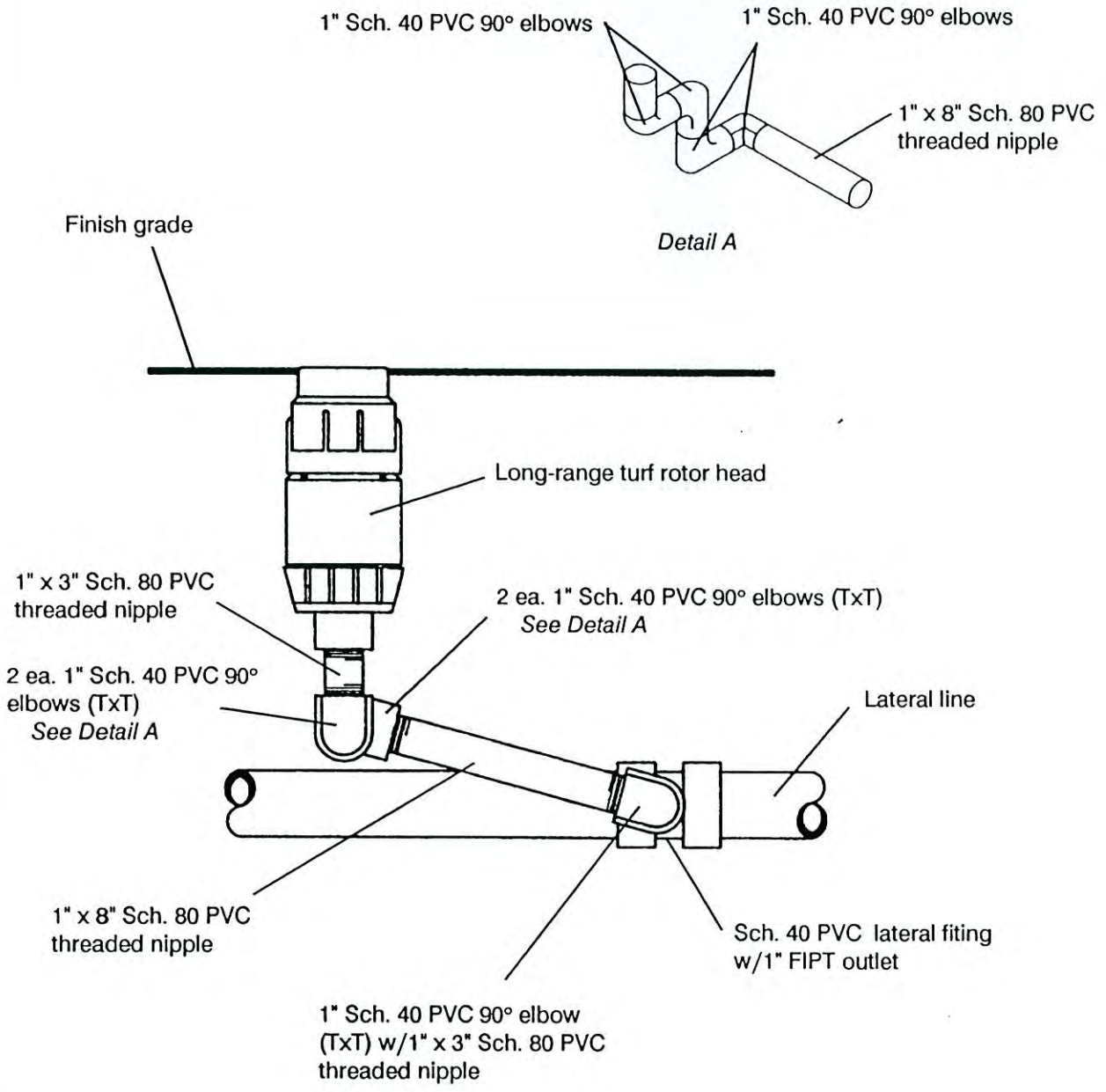
DATE: 11/17/88

APPROVED BY:

Kenneth L. Buck
KENNETH L. BUCK
CITY ENGINEER P.E. 16982



SD - 213



LONG-RANGE TURF ROTOR HEAD



**STANDARD
DETAILS**

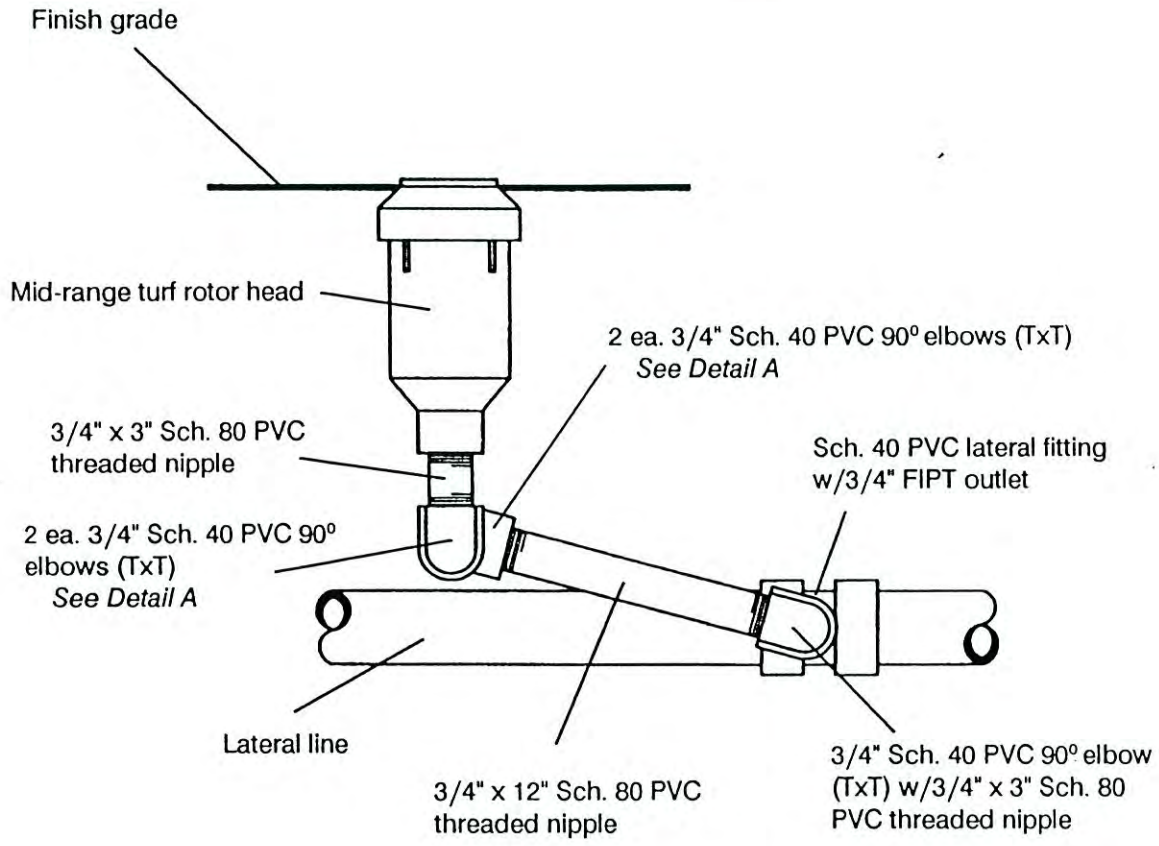
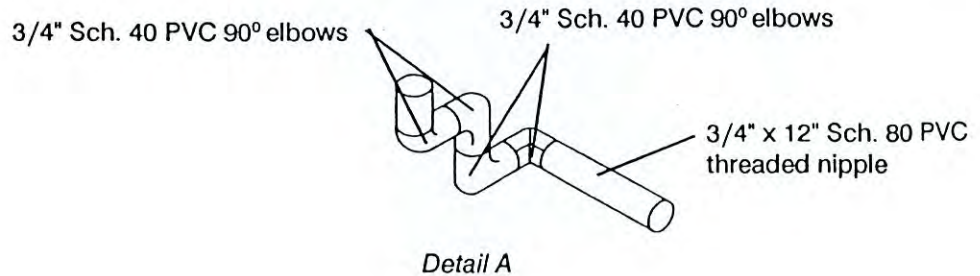
CITY OF NEWARK

SCALE: NONE DATE: 03/04/91

APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 215



MID-RANGE TURF ROTOR HEAD



**STANDARD
DETAILS**

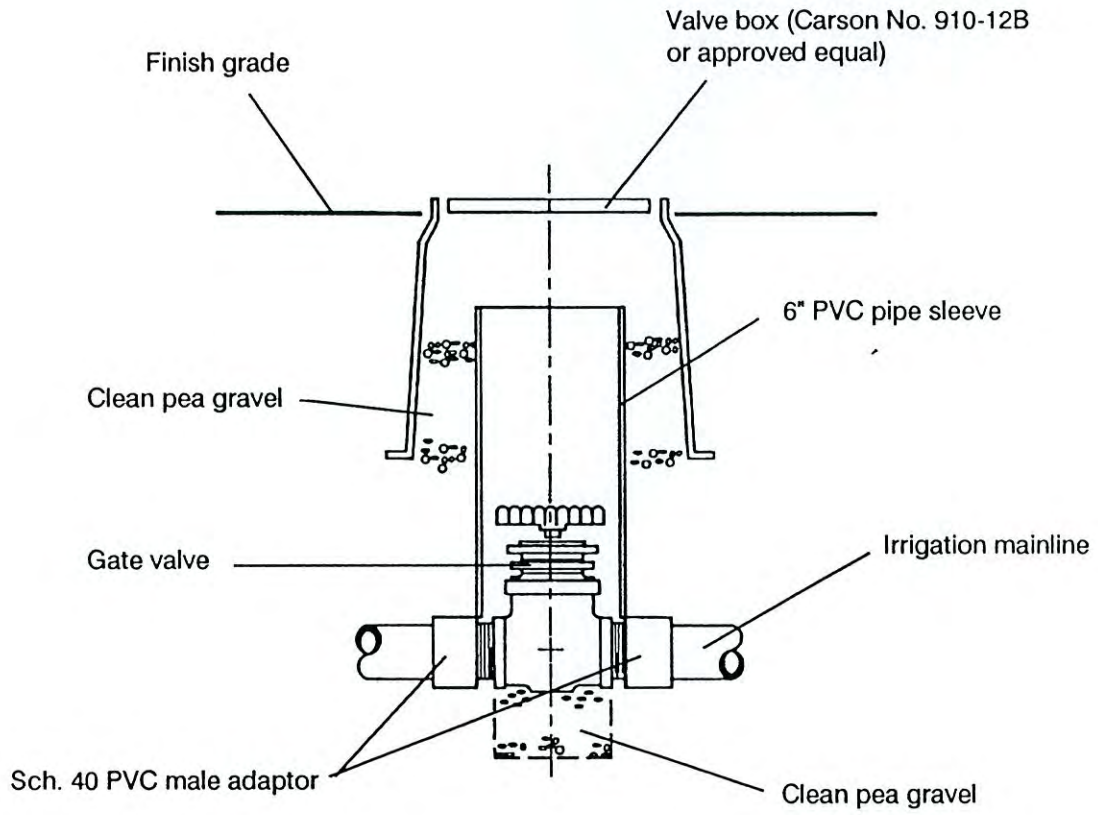
CITY OF NEWARK

SCALE: NONE DATE: 03/01/91

APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 216



ISOLATION GATE VALVE (SMALL)



**STANDARD
DETAILS**

CITY OF NEWARK

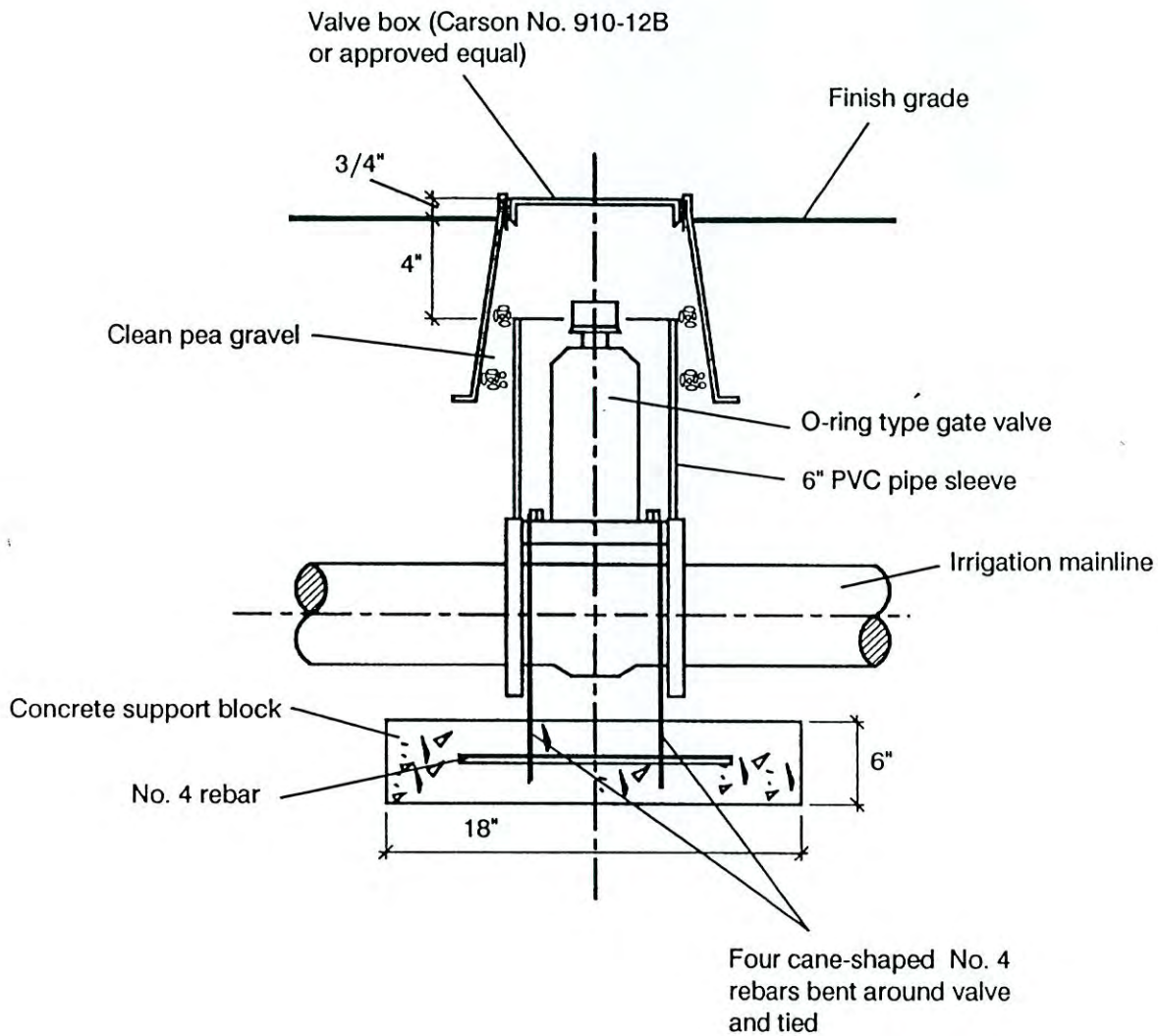
SCALE: NONE

DATE: 03/04/91

APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 217



ISOLATION GATE VALVE (LARGE)



**STANDARD
DETAILS**

CITY OF NEWARK

SCALE: NONE

DATE: 03/05/91

APPROVED BY:

KENNETH L. BUCK
CITY ENGINEER P.E. 16982

SD - 218

**CERTIFICATE OF INSURANCE
TO
CITY OF NEWARK
CALIFORNIA ("the City")
A Municipal Corporation**

Only this Certificate
of Insurance form will
be accepted

This certifies to the City of Newark that the following described policies have been issued to the insured named below and are in force at this time.

Insured _____
Address _____

Description of operations/locations/products insured (show contract name and/or number, if any): _____

POLICIES AND INSURERS	LIMITS		POLICY NUMBER	EXPIRATION DATE
	Bodily Injury	Property Damage		
Workers Compensation _____ (Name of Insurer) Best's Rating _____	Employer's Liability \$ _____			
Check policy type: Comprehensive General Liability <input type="checkbox"/> Or Commercial General Liability <input type="checkbox"/> _____ (Name of Insurer) Best's Rating _____	"Claims-made" <input type="checkbox"/> "Occurrence" <input type="checkbox"/> Each Occurrence Each Occurrence \$ _____ \$ _____ Aggregate Aggregate \$ _____ \$ _____ or Combined Single Limit \$ _____ Aggregate \$ _____			
Business Auto Policy Liability Coverage Symbol _____ _____ (Name of Insurer) Best's Rating _____	Each Person Each Accident \$ _____ \$ _____ Each Accident \$ _____ or Combined Single Limit \$ _____			
Umbrella Liability _____ (Name of Insurer) Best's Rating _____	"Claims-made" <input type="checkbox"/> "Occurrence" <input type="checkbox"/> Occurrence/ Aggregate \$ _____ Self-Insured Retention \$ _____			

The following coverage or conditions are in effect:	Yes	No
The City, its officials and employees are named on all liability policies described above as insureds as respects: (a) activities performed for the City by or on behalf of the named insured, (b) products and completed operations of the Named Insured, and (c) premises owned, leased or used by the Named Insured.		
Products and Completed Operations		
The undersigned will mail to the City 30 days written notice of cancellation or reduction of coverage or limits.		
Cross Liability Clause (or equivalent wording)		
Personal Injury, Perils A, B, and C		
Broad Form Property Damage		
X, C, U Hazards included		
Contractual Liability Coverage applying to this Contract		
Liquor Liability		
Coverage afforded the City, its officials, employees and volunteers as Insured applies as primary and not excess or contributing to any insurance issued in the name of the City.		
Waiver of subrogation from Workers' Compensation insurer.		

This certificate is issued as a matter of information. This certificate is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

Agency or Brokerage

Insurance Company

Address

Home Office

Name of Person to be Contacted

Authorized Signature

Date

()

Telephone Number

Note: Authorized signatures may be the agent's if agent has placed insurance through an agency agreement with the insurer. If insurance is brokered, authorized signature must be that of official of insurer.

GENERAL LIABILITY ENDORSEMENT
CITY OF NEWARK
ENGINEERING DEPARTMENT
37101 Newark Boulevard
Newark, CA 94560

A. POLICY INFORMATION

1. Insurance Company _____ Policy Number _____
2. Policy Term (From) _____ (To) _____ Endorsement Effective Date _____
3. Named Insured _____
4. Address of Named Insured _____
5. Limit of Liability Any One Occurrence/Aggregate \$ _____
6. Deductible of Self-Insured Retention (Nil unless otherwise specified): \$ _____
7. Coverage is equivalent to:
 - Comprehensive General Liability form GL 0002 (Ed. 1/73) _____
 - Commercial General Liability "occurrence" form CG 00001 _____
 - Commercial General Liability "claims-made" form CG 00002 _____
8. Bodily Injury and Property Damage Coverage is:
 - "claims made"
 - "occurrence"If claims made, the retroactive date is _____

Note: The City's standard insurance requirements specify "occurrence" coverage. "Claims-made" coverage requires special approval.

B. POLICY AMENDMENTS

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. **INSURED.** The City of Newark, herein referred to as "the City", its elected or appointed officials, employees and volunteers are included as insureds with regard to damages and defense of claims arising from: (a) activities performed by or on behalf of the Named Insured, (b) products and completed operations of the Named Insured, or (c) premises owned, leased or used by the Named Insured.
2. **CONTRIBUTION NOT REQUIRED.** As respects: (a) work performed by the Named Insured for or on behalf of the City; or (b) products sold by the Named Insured to the City; or (c) premises leased by the Named Insured from the City, the insurance afforded by this policy shall be primary insurance as respects the City, its elected or appointed officials, employees or volunteers; or stand in an unbroken chain of coverage excess of the Named Insured's schedule underlying primary coverage. In either event, any other insurance maintained by the City, its elected or appointed officials, employees or volunteers shall be in excess of this insurance and shall not contribute to it.

3. **SCOPE OF COVERAGE.** This policy, if primary, affords coverage at least as broad as:

- (1) Insurance Services Office form GL 0002 (Ed. 1/73), Comprehensive General Liability Insurance and Insurance Services Office form GL 0404 Broad Form Comprehensive General Liability endorsement; or
- (2) Insurance Services Office Commercial General Liability Coverage, "occurrence" form CG 0001 or "claims-made" form CG 0002; or
- (3) If excess, affords coverage which is at least as broad as the primary insurance forms referenced in the preceding sections (1) and (2).

4. **SEVERABILITY OF INTEREST.** The insurance afforded by this policy applies separately to each insured who is seeking coverage or against whom a claim is made or a suit is brought, except with respects to the Company's limit of liability.

5. **PROVISIONS REGARDING THE INSURED'S DUTIES AFTER ACCIDENT OR LOSS.** Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the City, its elected or appointed officials, employees or volunteers.

6. **CANCELLATION NOTICE.** The insurance afforded under this policy shall not be suspended, voided, cancelled, reduced in coverage or in limits except after thirty (30) days prior written notice has been given to the City by certified mail (return receipt requested). Such notice shall be addressed as shown in the heading of this endorsement.

C. INCIDENT AND CLAIM REPORTING PROCEDURE

Incidents and claims are to be reported to the insurer at:

ATTN: _____
(Title) (Department)

_____ (Company)

_____ (Street Address)

_____ (City) (State) (Zip)

_____ ()
(Telephone Number including Area Code)

D. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____ (print/type name), warrant that I have authority to bind listed insurance company and by my signature hereon do so bind this company.

SIGNATURE OF AUTHORIZED REPRESENTATIVE (Note: *Original signature required on endorsement furnished to the City*)

ORGANIZATION: _____

TITLE: _____

ADDRESS: _____

TELEPHONE: () _____

AUTOMOBILE LIABILITY ENDORSEMENT
CITY OF NEWARK
ENGINEERING DEPARTMENT
37101 Newark Boulevard
Newark, CA 94560

A. POLICY INFORMATION

1. Insurance Company _____ Policy Number _____
2. Policy Term (From) _____ (To) _____ Endorsement Effective Date _____
3. Named Insured _____
4. Address of Named Insured _____
5. Limit of Liability Any One Occurrence/Aggregate \$ _____
6. Deductible of Self-Insured Retention (Nil unless otherwise specified): \$ _____

B. POLICY AMENDMENTS

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. **INSURED.** The City of Newark, herein referred to as "the City", its elected or appointed officials, employees and volunteers are included as insureds with regard to damages and defense of claims arising from: the ownership, operation, maintenance, use, loading or unloading of any auto owned, leased, hired or borrowed by the Named Insured, regardless of whether liability is attributable to the Named Insured or a combination of the Named Insured and the City, its elected or appointed officials, employees or volunteers.
2. **CONTRIBUTION NOT REQUIRED.** As respects work performed by the Named Insured for or on behalf of the City, the insurance afforded by this policy shall: (a) be primary insurance as respects the City, its elected or appointed officials, employees or volunteers; or (b) stand in an unbroken chain of coverage excess of the Named Insured's primary coverage. In either event, any other insurance maintained by the City, its elected or appointed officials, employees or volunteers shall be in excess of this insurance and shall not contribute to it.
3. **SCOPE OF COVERAGE.** This policy, if primary, affords coverage at least as broad as:
 - (1) Insurance Services Office form CA 0001 (Ed. 1/78), Code 1 ("any auto") and endorsement CA 0025.
 - (2) If excess, affords coverage which is at least as broad as the primary insurance forms referenced in the preceding section (1).
4. **SEVERABILITY OF INTEREST.** The insurance afforded by this policy applies separately to each insured who is seeking coverage or against whom a claim is made or a suit is brought, except with respects to the Company's limit of liability.
5. **PROVISIONS REGARDING THE INSURED'S DUTIES AFTER ACCIDENT OR LOSS.** Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the City, its elected or appointed officials, employees or volunteers.
6. **CANCELLATION NOTICE.** The insurance afforded by this policy shall not be suspended, voided, cancelled, reduced in coverage or in limits except after thirty (30) days prior written notice has been given to the City by certified mail (return receipt requested). Such notice shall be addressed as shown in the heading of this endorsement.

C. INCIDENT AND CLAIM REPORTING PROCEDURE

Incidents and claims are to be reported to the insurer at:

ATTN: _____
(Title) (Department)

_____ (Company)

_____ (Street Address)

_____ (City) (State) (Zip)

_____ ()
(Telephone Number including Area Code)

D. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____ (print/type name), warrant that I have authority to bind listed insurance company and by my signature hereon do so bind this company.

SIGNATURE OF AUTHORIZED REPRESENTATIVE (*Note: Original signature required on endorsement furnished to the City*)

ORGANIZATION: _____ TITLE: _____

ADDRESS: _____ TELEPHONE: () _____

**WORKERS' COMPENSATION/EMPLOYERS
LIABILITY ENDORSEMENT
CITY OF NEWARK
ENGINEERING DEPARTMENT
37101 Newark Boulevard
Newark, CA 94560**

A. POLICY INFORMATION

1. Insurance Company _____ ("the Company");
Policy Number _____
2. Effective Date of This Endorsement _____
3. Named Insured _____
4. Employer's Liability Limit (Coverage B) _____

B. POLICY AMENDMENTS

In consideration of the policy premium and notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. **CANCELLATION NOTICE.** The insurance afforded under this policy shall not be suspended, voided, cancelled, reduced in coverage or in limits except after thirty (30) days prior written notice has been given to the City by certified mail (return receipt requested). Such notice shall be addressed as shown in the heading of this endorsement.
2. **WAIVER OF SUBROGATION.** The insurance Company agrees to waive all rights of subrogation against the City, its elected or appointed officials, agents and employees for losses paid under the terms of this policy which arise from work performed by the Named Insured for the City.

C. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____ (print/type name), warrant that I have authority to bind listed insurance company and by my signature hereon do so bind this company.

SIGNATURE OF AUTHORIZED REPRESENTATIVE (*Note: Original signature
required on endorsement furnished to the City*)

ORGANIZATION: _____

TITLE: _____

ADDRESS: _____

TELEPHONE: (____) _____