

STOP OR YIELD
CONTROLLED INTERSECTIONS

DETAIL

NO SCALE

NOTE:

1. THE ABOVE EXAMPLE REPRESENTS A MAJOR STREET WITH A SPEED LIMIT OF 25 M.P.H.

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

STOP OR YIELD
CONTROLLED INTERSECTIONS

APPROVED BY
CITY ENGINEER

DATE

DWN

CKD

DATE

6-27-94

FILE

FIG 2-01

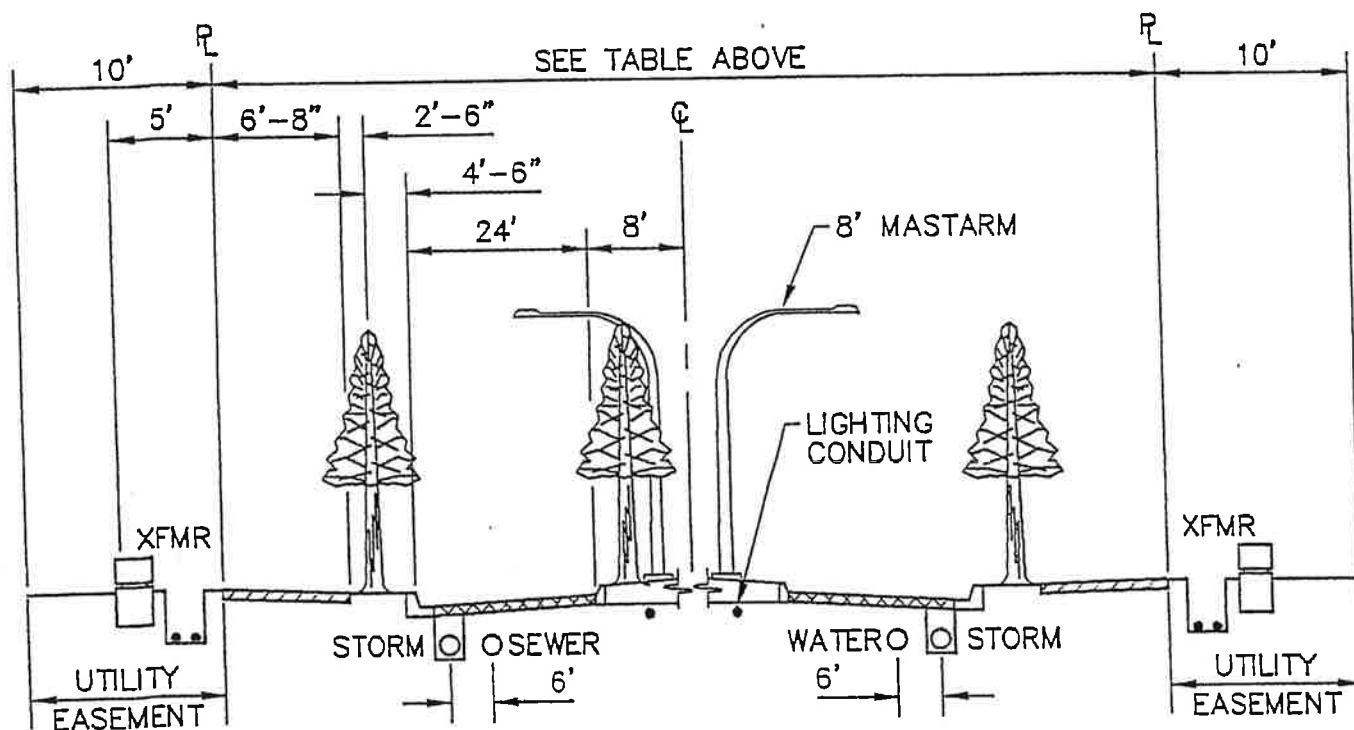
REF

NAME

FW

REV. NO:

R/W	S/W	DESCRIPTION
90'	6'	IN AREAS NOT DESCRIBED BELOW
94'	8'	IN PEDESTRIAN CORRIDORS (TYPE 2 AND 3)
102'	10'	IN PEDESTRIAN CORRIDOR (TYPE 1)



ROADWAY SECTION BOULEVARD DETAIL

NO SCALE

NOTES:

1. NO ON-STREET PARKING PERMITTED.
2. ADD 5' OF PAVEMENT WIDTH ON EACH SIDE WHEN BIKE LANES ARE REQUIRED.
3. ROADS DESIGNATED AS BIKEWAYS SHALL HAVE A BIKEWAY WIDTH OF 10' ADDED TO THE RIGHT-OF-WAY WIDTH.

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

ROADWAY SECTION BOULEVARD

APPROVED BY
CITY ENGINEER

DATE

DWN

CKD

DATE

FILE

RPW

XXX

6/24/94

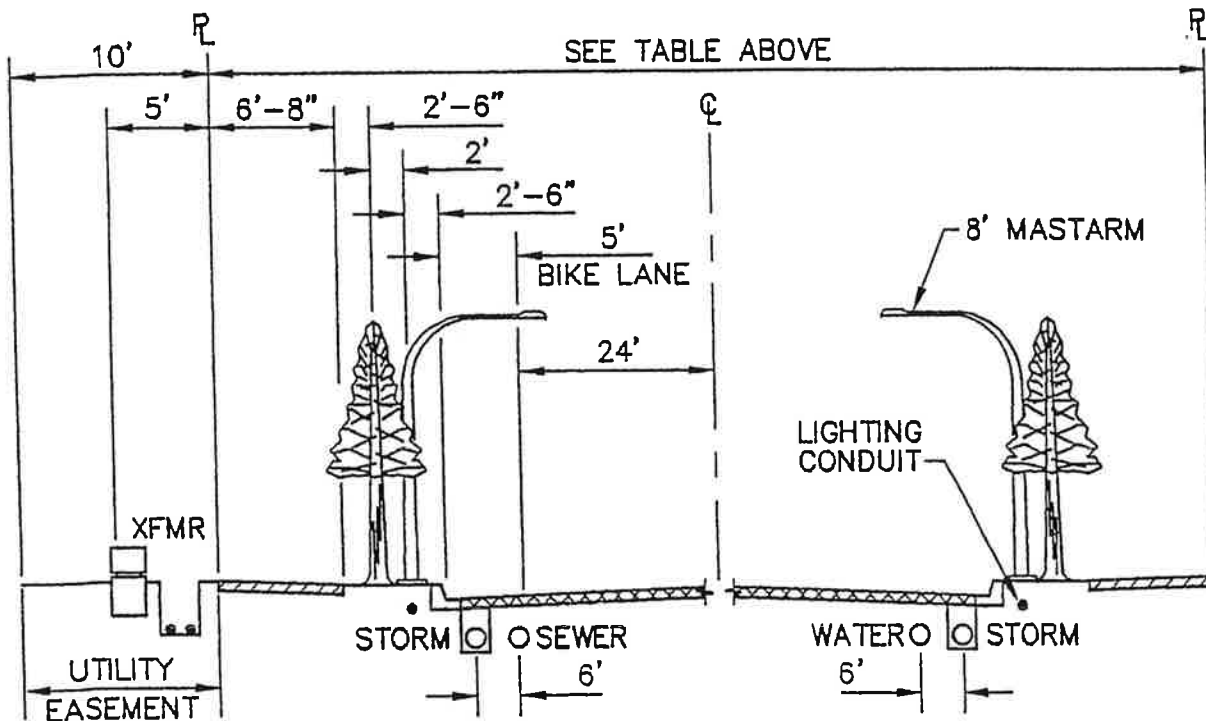
FIG 2-02

REF

NAME

REV. NO:

R/W	LANES	S/W	DESCRIPTION
84'	4	6'	IN AREAS NOT DESCRIBED BELOW
88'	4	8'	IN PEDESTRIAN CORRIDORS (TYPE 2 AND 3)
92'	4	10'	IN PEDESTRIAN CORRIDOR (TYPE 1)
96'	5	6'	IN AREAS NOT DESCRIBED BELOW
100'	5	8'	IN PEDESTRIAN CORRIDORS (TYPE 2 AND 3)
104'	5	10'	IN PEDESTRIAN CORRIDOR (TYPE 1)



ROADWAY SECTION
ARTERIAL
DETAIL

NO SCALE

NOTES:

1. NO ON-STREET PARKING PERMITTED.
2. ADD 5' OF PAVEMENT WIDTH ON EACH SIDE WHEN BIKE LANES ARE REQUIRED.
3. ROADS DESIGNATED AS BIKEWAYS SHALL HAVE A BIKEWAY WIDTH OF 10' ADDED TO THE RIGHT-OF-WAY WIDTH.

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

ROADWAY SECTION
ARTERIAL

APPROVED BY
CITY ENGINEER

DATE

REF

NAME

DWN

RPW

CKD

XXX

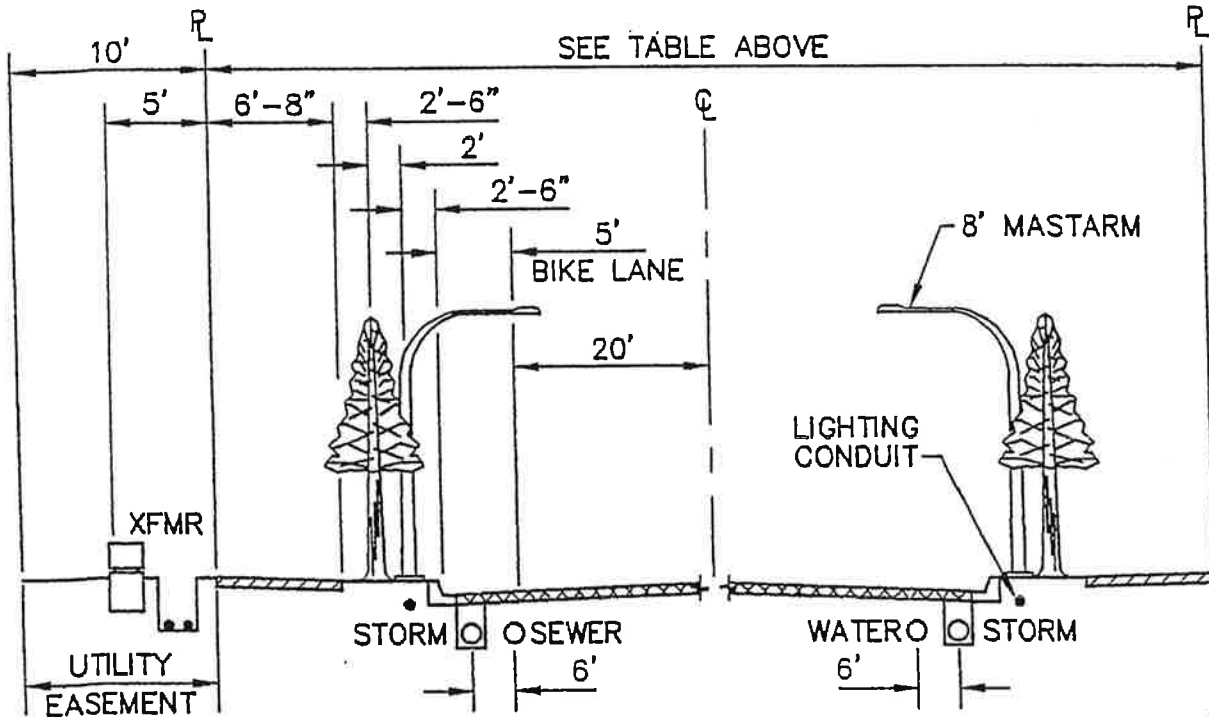
DATE

6/24/94

FILE

FIG 2-03

R/W	S/W	DESCRIPTION
66'	6'	IN AREAS NOT DESCRIBED BELOW
70'	8'	IN PEDESTRIAN CORRIDORS (TYPE 2 AND 3)
78'	10'	IN PEDESTRIAN CORRIDOR (TYPE 1)



ROADWAY SECTION COMMERCIAL COLLECTOR DETAIL

NO SCALE

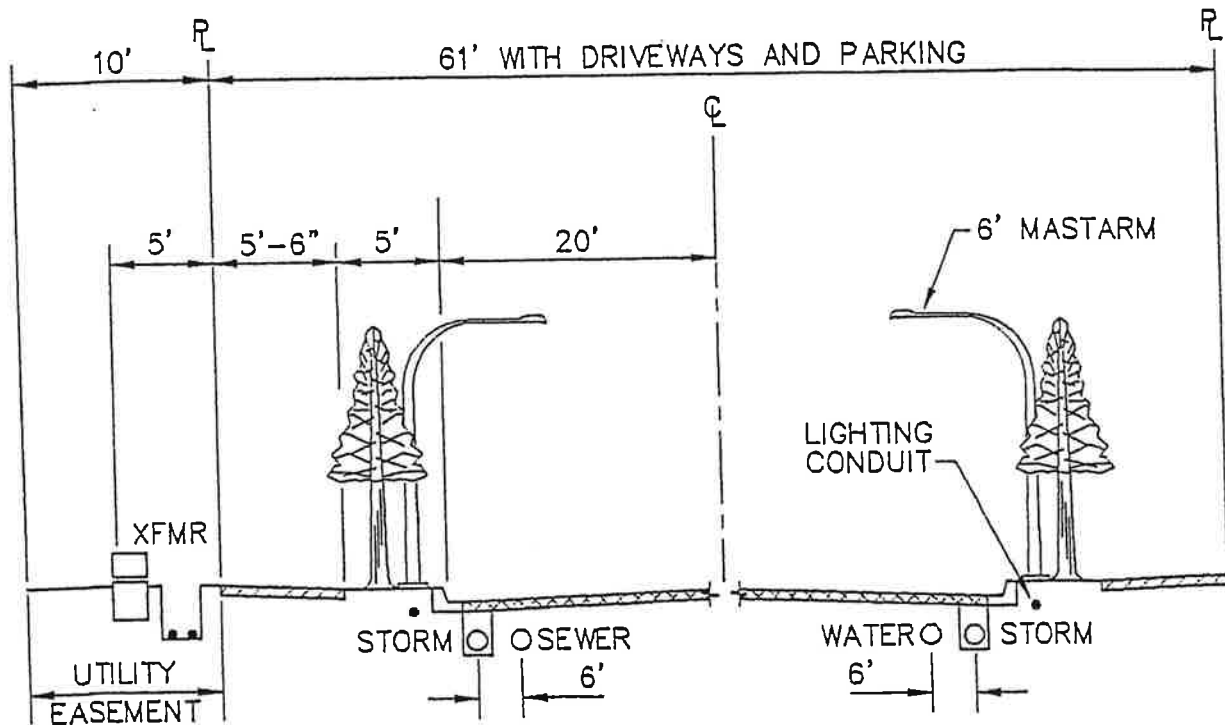
NOTES:

1. STREET LIGHTS WILL BE REQUIRED AS SPECIFIED IN SECTION 2E.010.
2. NO ON-STREET PARKING PERMITTED.
3. ADD 5' OF PAVEMENT WIDTH ON EACH SIDE WHEN BIKE LANES ARE REQUIRED.
4. ROADS DESIGNATED AS BIKEWAYS SHALL HAVE A BIKEWAY WIDTH OF 10' ADDED TO THE RIGHT-OF-WAY WIDTH.

CITY OF AIRWAY HEIGHTS DEPARTMENT OF PUBLIC WORKS			
ROADWAY SECTION COMMERCIAL COLLECTOR			
APPROVED BY CITY ENGINEER		DATE	
DWN	RPW	CKD	DATE 6/24/94
			FILE FIG 2-04

REF

NAME



WITH DRIVEWAY ACCESS

ROADWAY SECTION NEIGHBORHOOD COLLECTOR DETAIL

NO SCALE

NOTES:

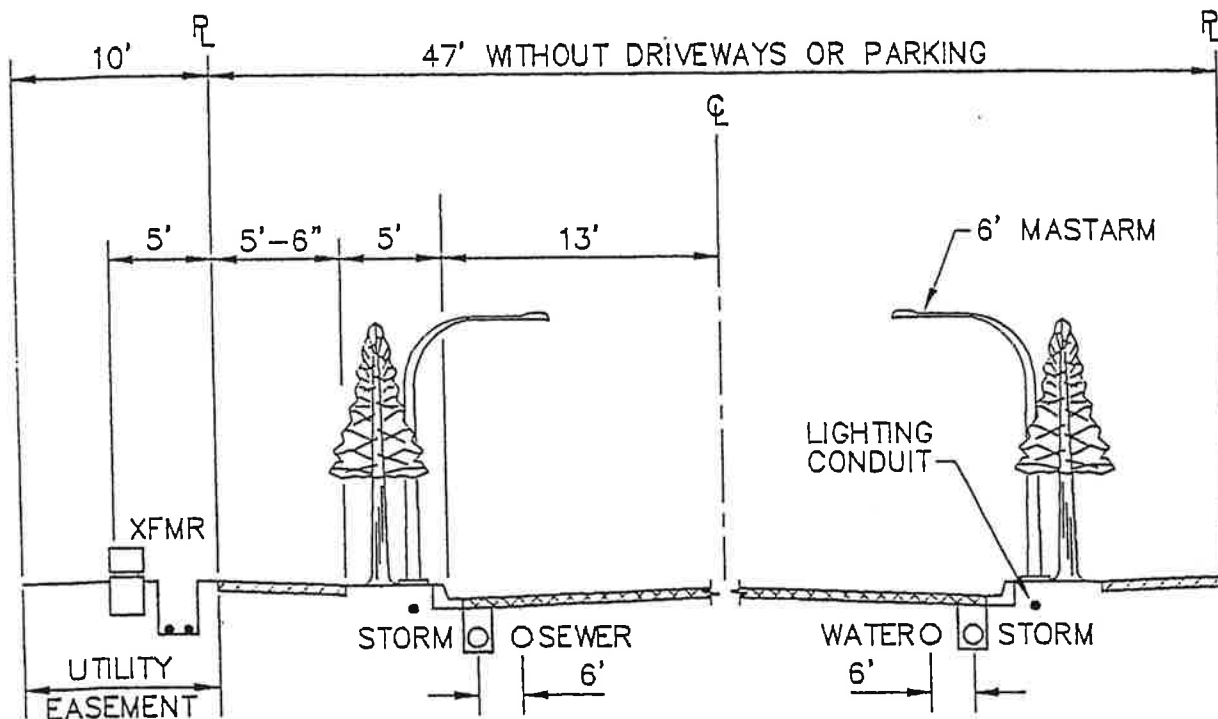
1. STREET LIGHTS WILL BE REQUIRED AS SPECIFIED IN SECTION 2E.010.
2. NO ON-STREET PARKING PERMITTED.
3. ADD 5' OF PAVEMENT WIDTH ON EACH SIDE WHEN BIKE LANES ARE REQUIRED.
4. ROADS DESIGNATED AS BIKEWAYS SHALL HAVE A BIKEWAY WIDTH OF 10' ADDED TO THE RIGHT-OF-WAY WIDTH.

CITY OF AIRWAY HEIGHTS DEPARTMENT OF PUBLIC WORKS			
NEIGHBORHOOD COLLECTOR WITH DRIVEWAY ACCESS			
APPROVED BY CITY ENGINEER		DATE	
DWN	RPW	CKD	DATE 6/24/94
			FILE FIG 2-05

REF

NAME

REV. NO:



WITHOUT DRIVEWAY ACCESS

ROADWAY SECTION
NEIGHBORHOOD COLLECTOR
DETAIL

NO SCALE

NOTES:

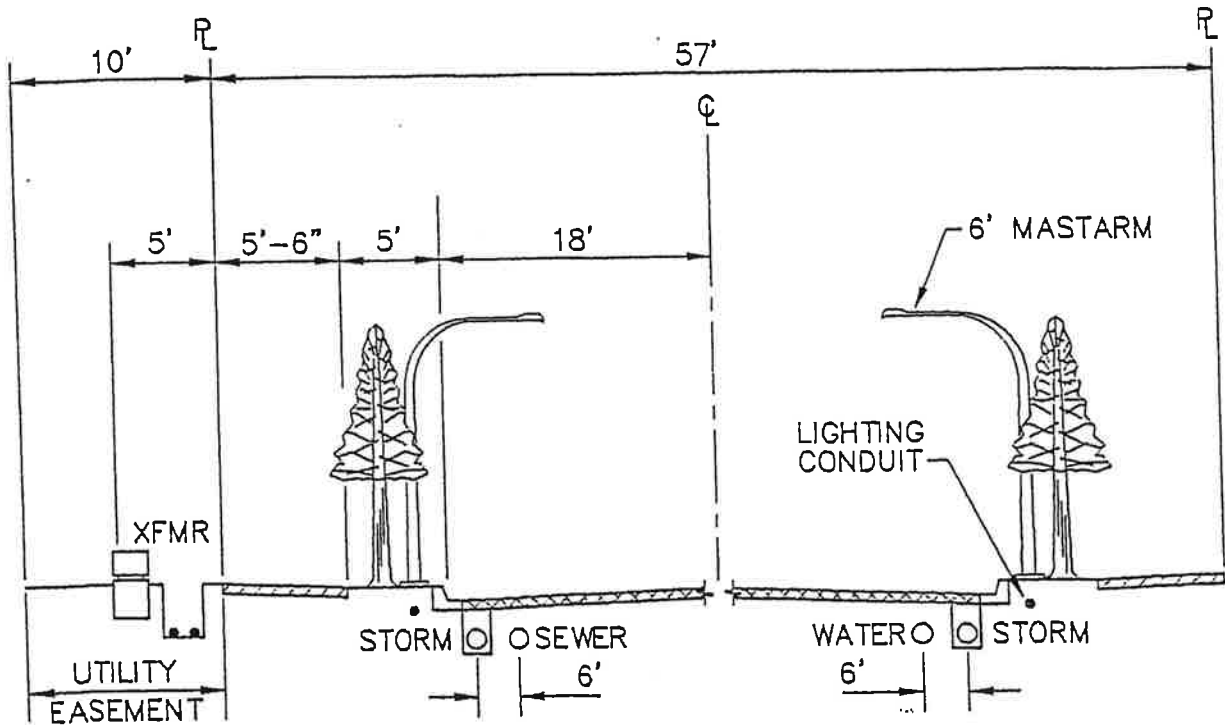
1. STREET LIGHTS WILL BE REQUIRED AS SPECIFIED IN SECTION 2E.010.
2. NO ON-STREET PARKING PERMITTED.
3. ADD 5' OF PAVEMENT WIDTH ON EACH SIDE WHEN BIKE LANES ARE REQUIRED.
4. ROADS DESIGNATED AS BIKEWAYS SHALL HAVE A BIKEWAY WIDTH OF 10' ADDED TO THE RIGHT-OF-WAY WIDTH.

CITY OF AIRWAY HEIGHTS DEPARTMENT OF PUBLIC WORKS			
NEIGHBORHOOD COLLECTOR WITHOUT DRIVEWAY ACCESS			
APPROVED BY CITY ENGINEER		DATE	
DWN RPW	CKD	DATE 6/24/94	FILE FIG 2-06

REF

NAME

REV. NO:



ROADWAY SECTION
LOCAL ACCESS
DETAIL

NO SCALE

NOTES:

1. STREET LIGHTS WILL BE REQUIRED AS SPECIFIED IN SECTION 2E.010.
2. NO ON-STREET PARKING PERMITTED.
3. ADD 5' OF PAVEMENT WIDTH ON EACH SIDE WHEN BIKE LANES ARE REQUIRED.
4. ROADS DESIGNATED AS BIKEWAYS SHALL HAVE A BIKEWAY WIDTH OF 10' ADDED TO THE RIGHT-OF-WAY WIDTH.

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

**ROADWAY SECTION
LOCAL ACCESS**

APPROVED BY
CITY ENGINEER

DATE

DWN

CKD

DATE

6/24/94

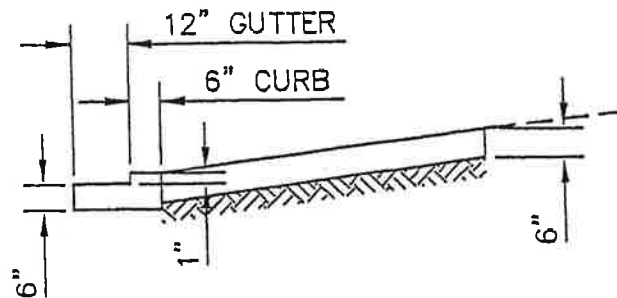
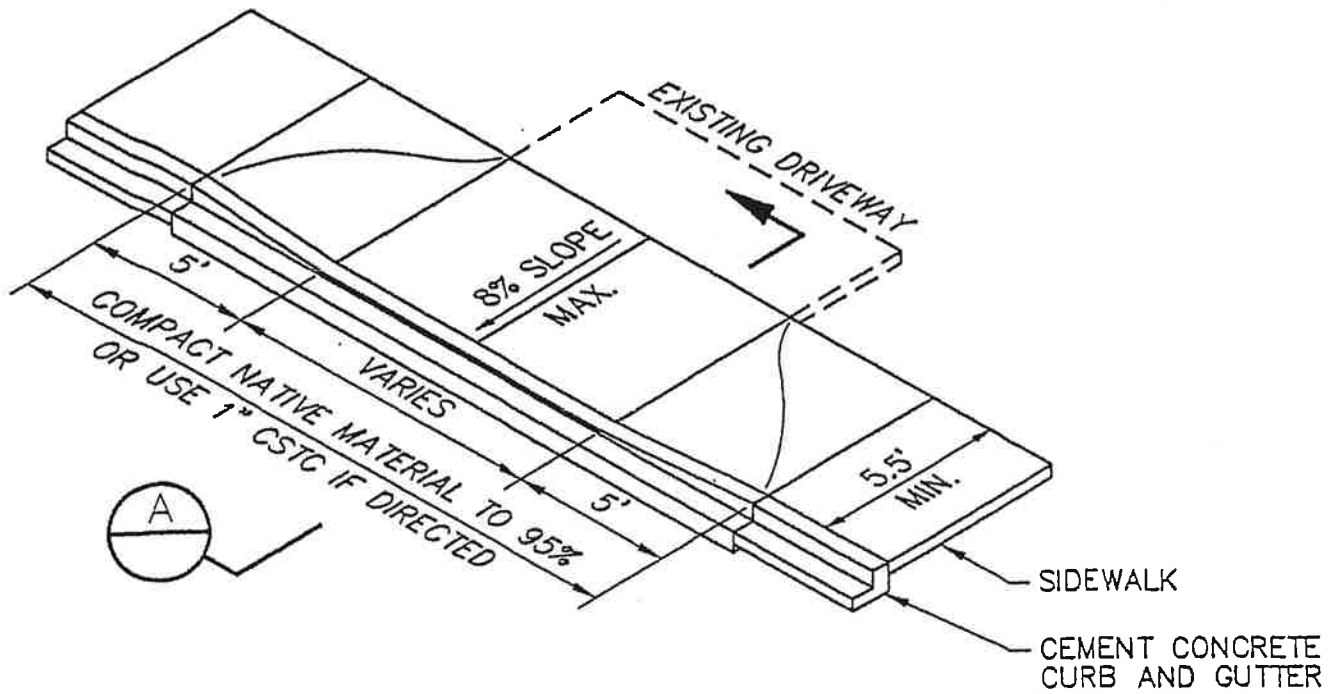
FILE

FIG 2-07

REF

NAME

REV. NO:



SECTION A

TYPE 1
CEMENT CONCRETE DRIVEWAY
DETAIL
 NO SCALE

NOTE:

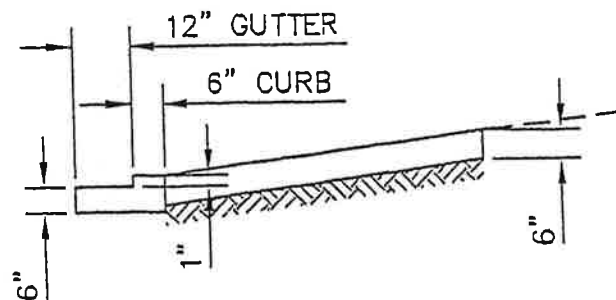
1. WHERE DRIVEWAY EXCEEDS 16' IN WIDTH, A 2" DEEP EXPANSION JOINT SHALL BE PLACED TRANSVERSLY, CENTERED IN WALK.

CITY OF AIRWAY HEIGHTS DEPARTMENT OF PUBLIC WORKS			
TYPE1			
CEMENT CONCRETE DRIVEWAY			
APPROVED BY CITY ENGINEER _____		DATE _____	
DWN RPW	CKD	DATE 6/24/94	FILE FIG 2-08

REF

NAME

REV. NO:



TYPE 2
CEMENT CONCRETE DRIVEWAY
DETAIL

REV. NO:

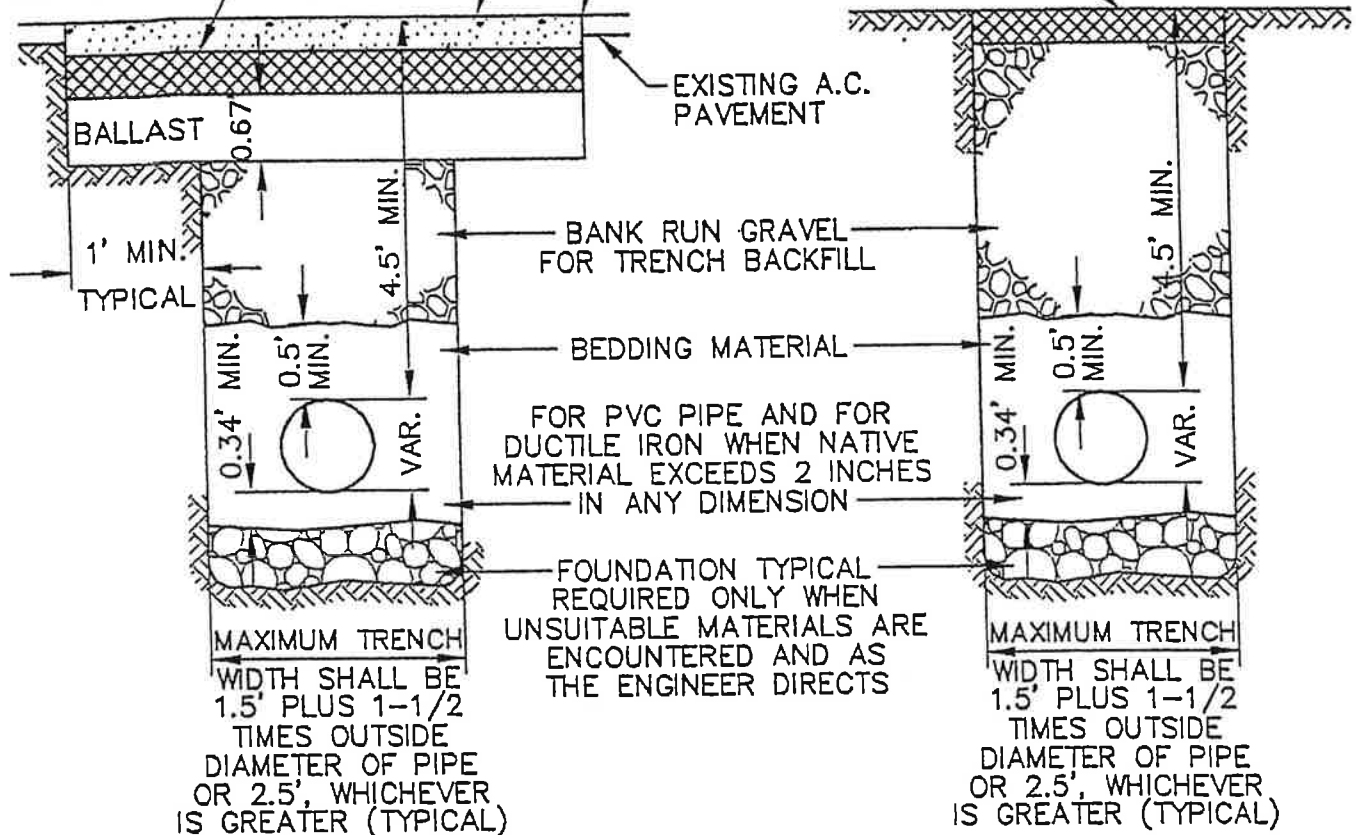
NAME

MINIMUM 0.25' CLASS "B" A.C.P. (COMPACTED DEPTH) OR EXISTING PLUS 0.08', WHICHEVER IS GREATER APPLIED IN MAXIMUM 0.17' LIFTS

EMULSIFIED ASPHALT GRADE CSS-1 TACK SHALL BE APPLIED TO EDGES OF EXISTING PAVEMENT. ALL JOINTS SHALL BE SEALED USING PAVING ASPHALT AR4000W

0.17' CRUSHED SURFACING TOP COURSE

0.17' OF TOPSOIL OR CSTS AS NOTED ON PLAN



GENERAL NOTES:

1. ALL MATERIALS EXCEPT A.C.P. AND BEDDING MATERIAL SHALL BE COMPACTED IN 6" MAXIMUM LIFTS TO 95% DENSITY.
2. COMPACTION: BEDDING SHALL BE COMPACTED TO 95% MAX. AS DETERMINED BY ASTM D1557. BACKFILL SHALL BE COMPACTED TO 85% IN UNPAVED AREA, AND 95% IN PAVED OR SHOULDER AREAS AS DETERMINED BY ASTM D1557.
3. ALL MATERIALS, WORKMANSHIP, AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE STANDART SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AS AMENDED BY CITY OF ~~CIO HARBOR~~ STANDARDS.
4. KEEP TRENCH BOTTOM COMPACTED WITH UNIFORM GRADE. A BELL JOINT SHALL BE REQUIRED AT EACH JOINT FOR PROPER SUPPORT. NO TEMPORARY SUPPORTS, I.E. BLOCKS, WILL BE ALLOWED TO SUPPORT PIPE. TRENCH BOTTOM SHALL BE TO GRADE PRIOR TO PIPE INSTALLATION.

TRENCH - PAVEMENT RESTORATION DETAIL

NO SCALE

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

TRENCH - PAVEMENT RESTORATION DETAIL

APPROVED BY
CITY ENGINEER

DATE

DWN

RPW

CKD

DATE

6/24/94

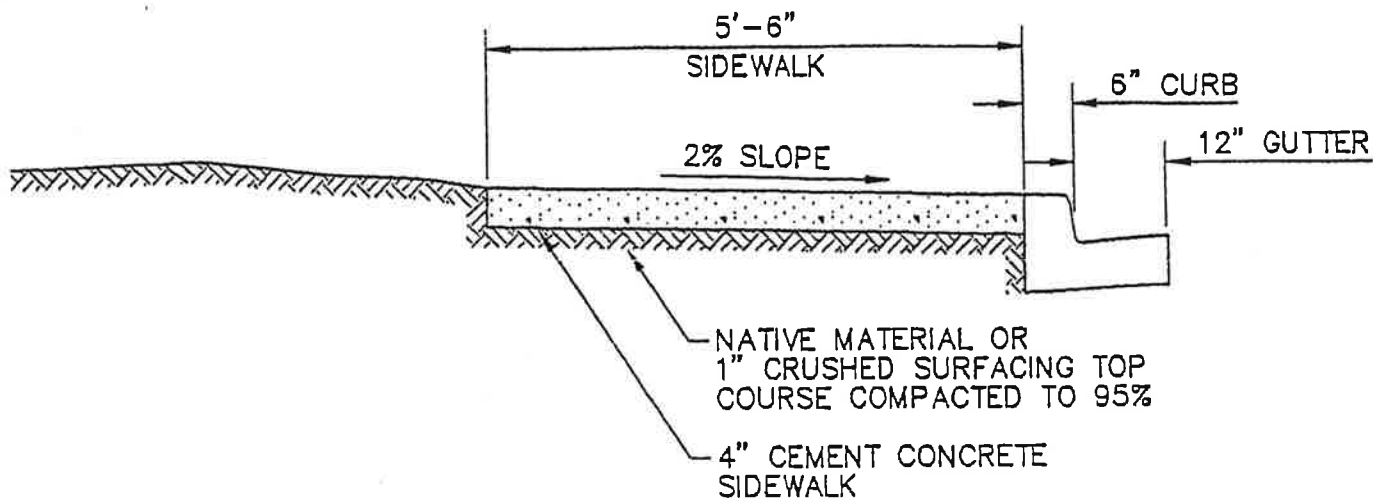
FILE

FIG 2-09

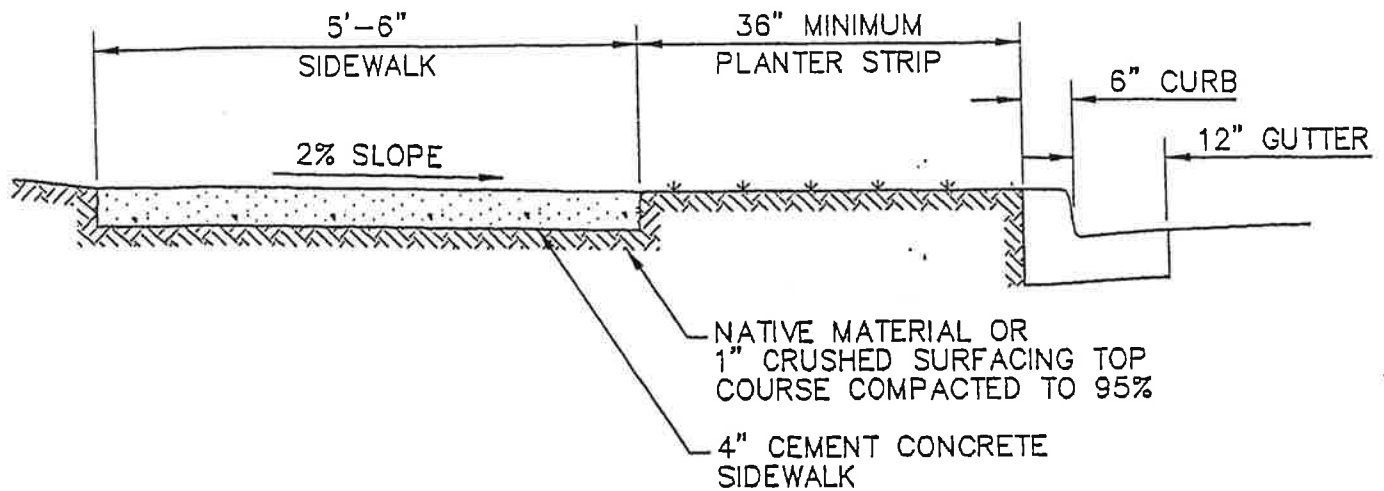
REF

NAME

REV. NO:



TYPE 1
WITHOUT PLANTER STRIP



TYPE 2
WITH PLANTER STRIP

TYPE 1 AND 2
SIDEWALK
DETAIL

NO SCALE

NOTE:

1. 5/8" OR 3/4" CSTC MAY BE USED UNDER THE SIDEWALK UPON APPROVAL BY THE CITY ENGINEER.

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

**TYPE 1 AND TYPE 2
SIDEWALK**

APPROVED BY
CITY ENGINEER

DATE

DWN

RPW

CKD

DATE

6/24/94

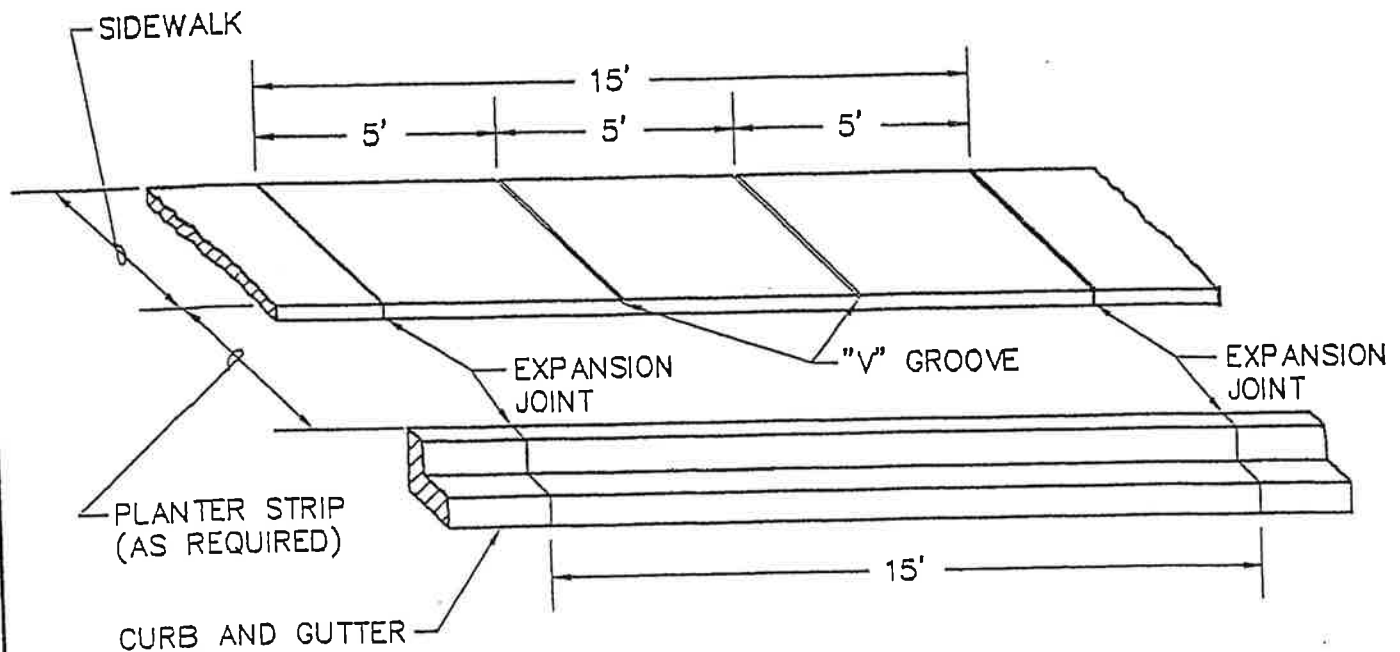
FILE

FIG 2-10

REF

NAME

REV. NO:



SIDEWALK SPACING DETAIL

NO SCALE

NOTES:

1. EXPANSION JOINT MATERIAL TO BE 3/8" THICK PREMOLDED JOINT FILLER TO FULL THICKNESS OF CONCRETE.
2. FORM AND SUBGRADE INSPECTION REQUIRED BEFORE POURING CONCRETE.
4. EXPANSION JOINTS SHALL BE INSTALLED IN CURB AND GUTTER AND IN SIDEWALK AT PC AND PT AT ALL CURB RETURNS. EXPANSION JOINTS SHALL BE PLACED IN SIDEWALK AT SAME LOCATIONS AS THOSE IN CURB AND GUTTER WHEN SIDEWALK IS ADJACENT TO CURB AND GUTTER. UNLESS OTHERWISE DIRECTED BY ENGINEER.

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

SIDEWALK SPACING

APPROVED BY
CITY ENGINEER

DATE

DWN

RPW

CKD

DATE

6/24/94

FILE

FIG 2-11

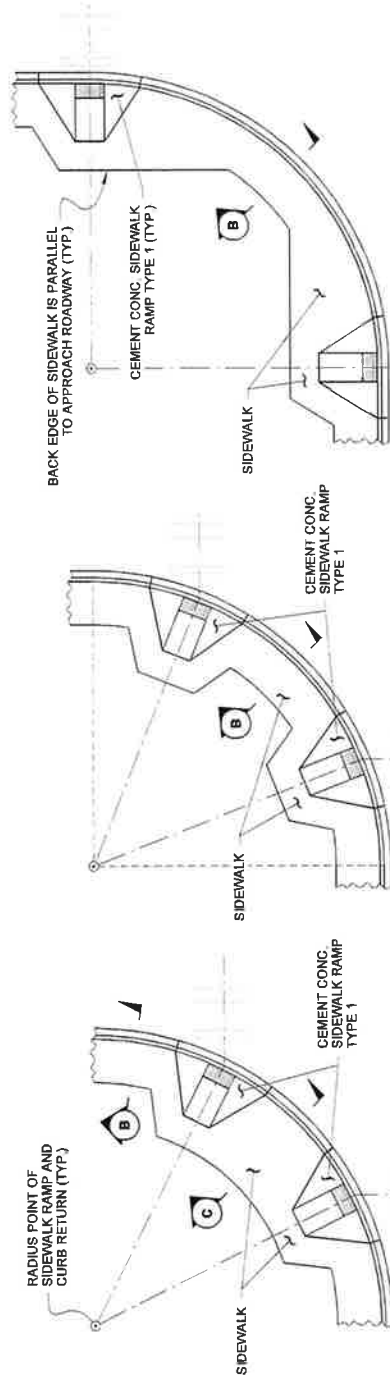
REF

NAME

REV. NO:

NOTES

1. The bottom of the ramp shall have a level area (not in excess of 2% in any direction), 4' x 4'.
2. Layouts 1, 2, & 3 require two (2) of this bid item: "Cement Conc. Sidewalk Ramp Type 1". The bid item does not include the adjacent Curb (or Curb & Gutter), or Sidewalk.
3. Ramp slopes shall not be steeper than 12H:1V.
4. To the maximum extent feasible, ramp cross slopes shall not exceed 2%.
5. Avoid placing drainage structures, junction boxes or other obstructions in front of ramp access areas.
6. Curb & Gutter is shown, see the Contract Plans for the curb design specified. See Standard Plan F-10.12 for curb details.
7. See Standard Plan F-30.10 for sidewalk joint placement and details.

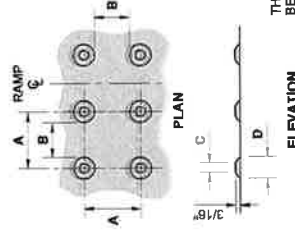


PLAN VIEW LAYOUT 3 SEE NOTE 2

PLAN VIEW LAYOUT 2 SEE NOTE 2

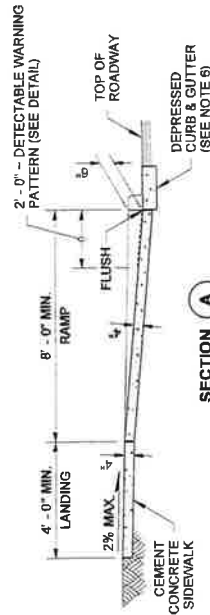
PLAN VIEW LAYOUT 1 SEE NOTE 2

	MIN.	MAX.
A	1 5/8"	2 3/8"
B	5/8"	1 1/2"
C	7/16"	3/4"
D	7/8"	1 7/16"



THIS PATTERN AREA SHALL BE YELLOW IN COLOR

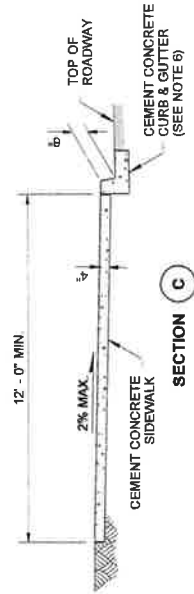
DETECTABLE WARNING PATTERN DETAIL



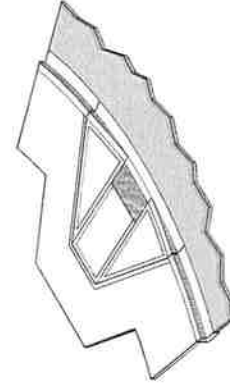
DRAWN BY: MARK SUJKA



SECTION B



PLAN VIEW LAYOUT 1 FOR LAYOUTS 1, 2, & 3



SIDEWALK RAMP TYPE 1 WITH LAYOUTS STANDARD PLAN F-40.10-01

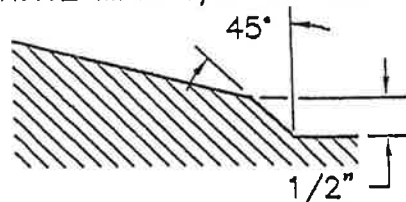
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Pasco Bakotich III 10-05-07

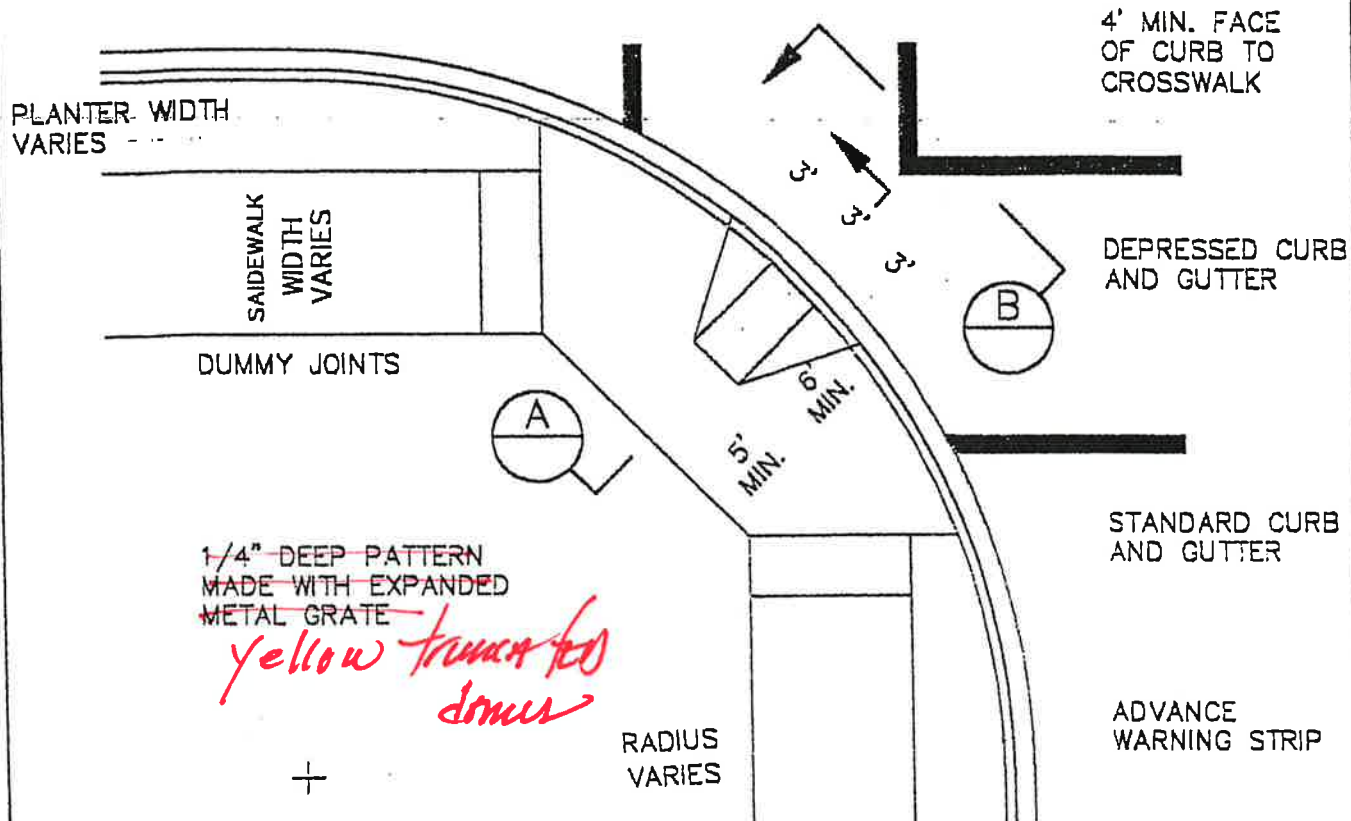
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation



NO SCALE

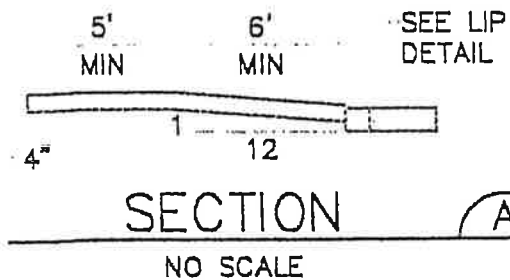
REV. NO:



HANDICAP RAMP TYPE 1B

DETAIL

NO SCALE

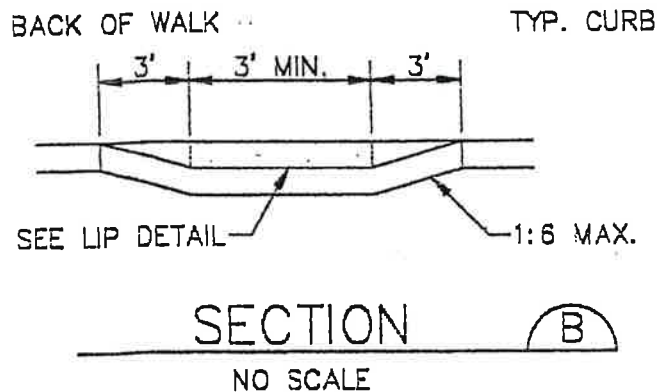


BOTTOM OF RAMP MAY HAVE MAX. 1/2" LIP AT 45°

LIP DETAIL

NOTE:

SEE SIDEWALK SPACING, EXPANSION JOINTS & SCORE MARK DETAIL FOR ADDITIONAL NOTES.



CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

HANDICAP RAMP TYPE 1B

APPROVED BY
CITY ENGINEER

DATE

DWN

RPW

CKD

DATE

6/24/94

FILE

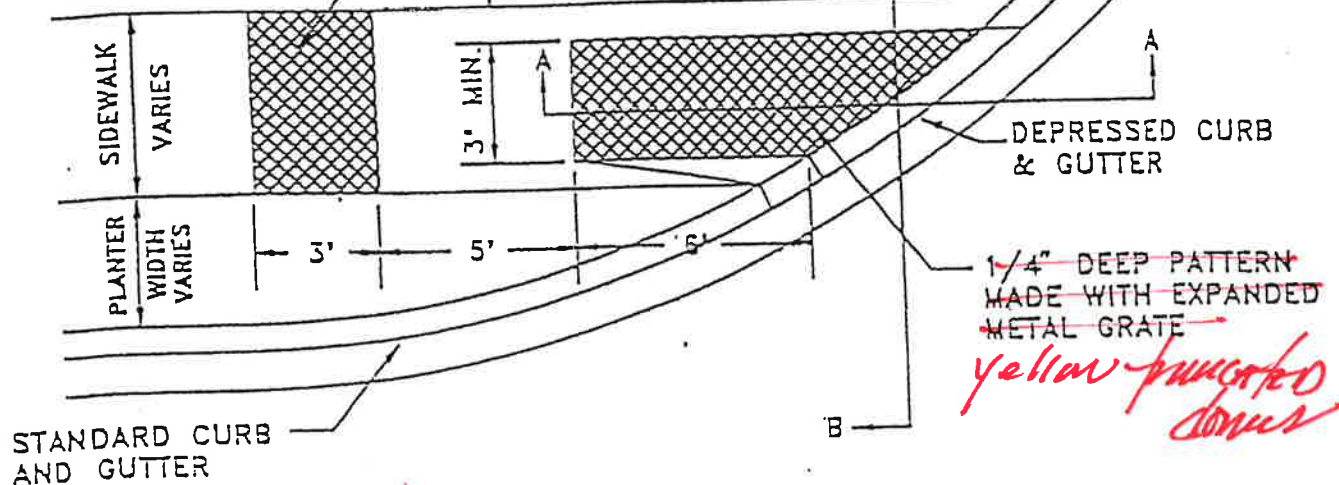
FIG 2-13

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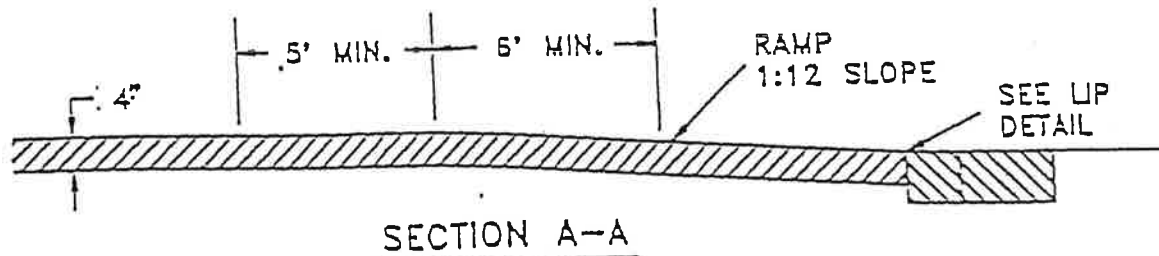
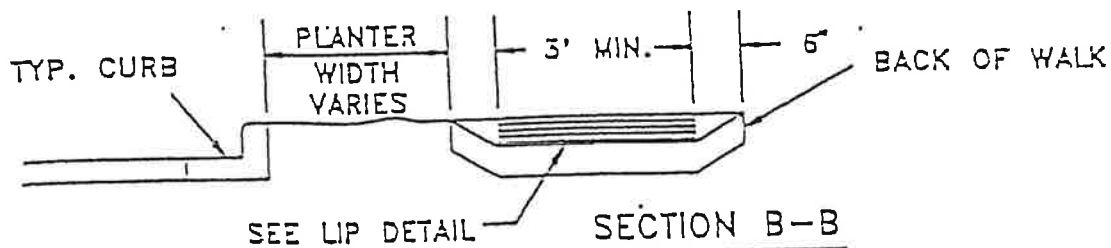
NAME

REV. NO:

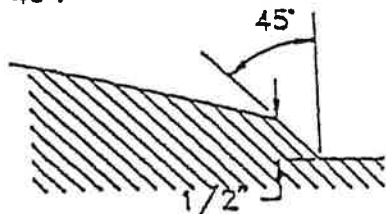
ADVANCE WARNING STRIP



TYPICAL HANDICAP RAMP



BOTTOM OF RAMP MAY HAVE MAX. 1/2" LIP AT 45°.



LIP DETAIL

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

HANDICAP. RAMP
TYPE 2

APPROVED BY
CITY ENGINEER

DATE

DWN

OXD

DATE

FILE

6/24/94

FIG 2-14

REF

ADVANCE WARNING
STRIP _____

~~1/4" DEEP PATTERN
MADE WITH EXPANDED
METAL GRATE~~

"DUMMY JOINTS"

STANDARD CURB
AND GUTTER

PLANTER
WIDTH
VARIES

TYPICAL HANDICAP RAMP

SECTION A-A

4" 6'-0" 6'-0" RAMP 1:12 SLOPE 4"

Diagram illustrating the plan view of a sidewalk and planter detail. The sidewalk width is specified as 1'-3" MIN. The planter width is specified as 1'-3" and labeled "PLANTER". The width of the planter is noted as "WIDTH VARIES". The sidewalk slope is indicated as 1:5 MAX. The detail shows the "BACK OF WALK" and a "TYP. CURB". A note "SEE LIP DETAIL" points to the sidewalk edge.

SECTION B-B

BOTTOM OF RAMP MAY
HAVE MAX. 1/2" UP
AT 45.

LIP DETAIL

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

HANDICAP RAMP
TYPE 3

APPROVED BY
CITY ENGINEER

DATE _____

五

80

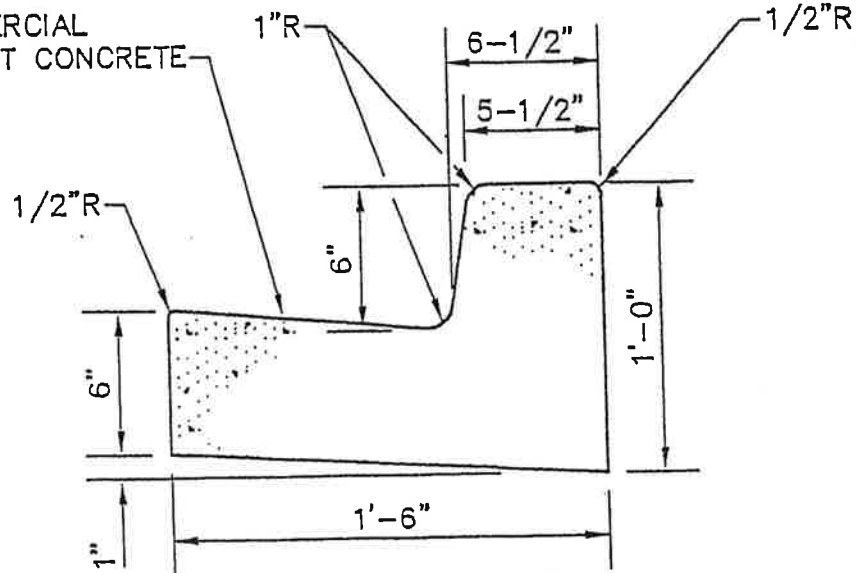
DATE _____

FILE

6/24/94 . . . FIG 2-15

४५

COMMERCIAL
CEMENT CONCRETE



CEMENT CONCRETE
CURB AND GUTTER
DETAIL

NO SCALE

NOTES:

1. EXPANSION JOINT MATERIAL TO BE 3/8" THICK
PREMOLDED JOINT FILLER FULL THICKNESS OF
CONCRETE SPACING.
2. FORM AND SUBGRADE INSPECTION REQUIRED
BEFORE POURING CONCRETE.

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

**CEMENT CONCRETE
CURB AND GUTTER**

APPROVED BY
CITY ENGINEER

DATE

DWN

CKD

DATE

6/24/94

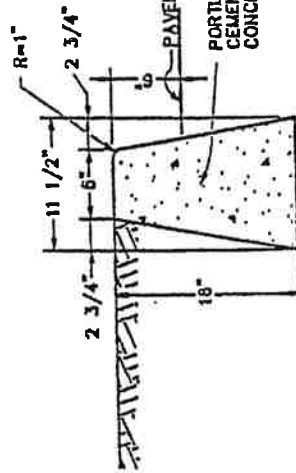
FILE

FIG 2-16

REF

NAME

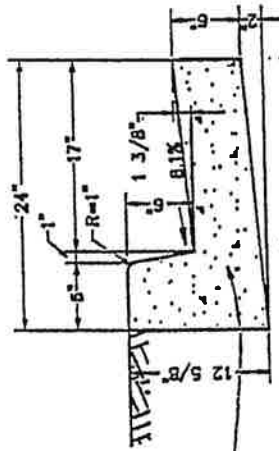
REV. NO:



TYPE "A"

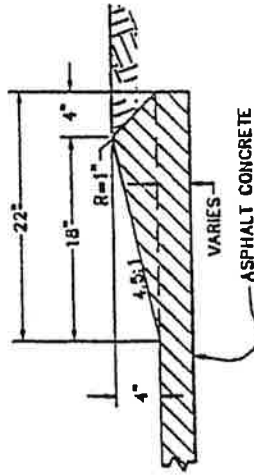
QUANTITY = 0.036025 C.Y. / L.F.

SEE NOTE 6



TYPE "B"

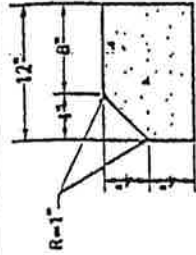
QUANTITY = 0.047857 C.Y. / L.F.



TYPE "C"

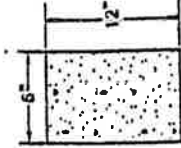
QUANTITY = 0.023123 TONS / L.F.

SEE NOTE 6



TYPE "M"

QUANTITY = 0.022833 C.Y. / L.F.

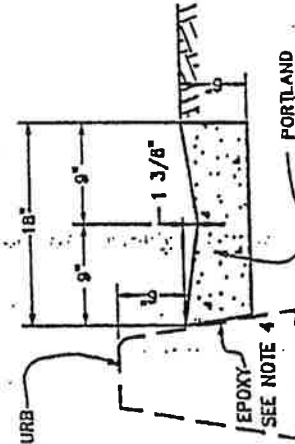


TYPE "S"

QUANTITY = 0.018519 C.Y. / L.F.

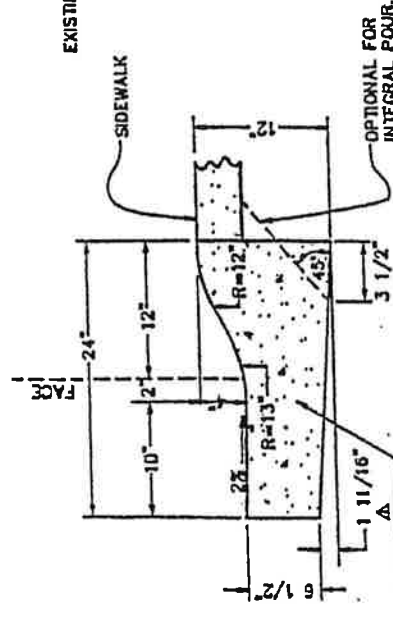
GENERAL NOTES

1. PORTLAND CEMENT CONCRETE SHALL BE CLASS 3000 CONFORMING TO THE STANDARD SPECIFICATIONS.
2. WEAKENED PLANE JOINTS FOR PORTLAND CEMENT CONCRETE SHALL BE PLACED AT 15' INTERVALS.
3. 3/8" EXPANSION JOINTS IN PORTLAND CEMENT CONCRETE SHALL BE PLACED AT CURB RETURNS.
4. EPOXY GROUT SHALL BE APPLIED AT A 10-15 MIL THICKNESS AND SHALL CONFORM TO THE REQUIREMENTS OF SECTION 9-2.6 OF THE STANDARD SPECIFICATIONS.
5. CONSTRUCTION OF TYPE "A" CURB SHALL CONFORM TO SECTION 8-04 OF THE STANDARD SPECIFICATIONS EXCEPT THAT PORTLAND CEMENT SHALL BE REPLACED WITH "TRIMTY WHITE" CEMENT. THE FINISH SHALL BE STEEL TROWELLED TO PROVIDE A DENSE, SMOOTH REFLECTIVE FINISH.
6. TO BE USED ONLY IN SPECIAL CASES WITH APPROVAL OF THE COUNTY ENGINEER.
7. CURBS SHALL HAVE A LIGHT BROOMED FINISH. GUTTERS SHALL BE FINISHED WITH A STEEL TROWEL.



CONCRETE GUTTER

QUANTITY = 0.0244149 C.Y. / L.F.



TYPE "R"

QUANTITY = 0.052259 C.Y. / L.F.



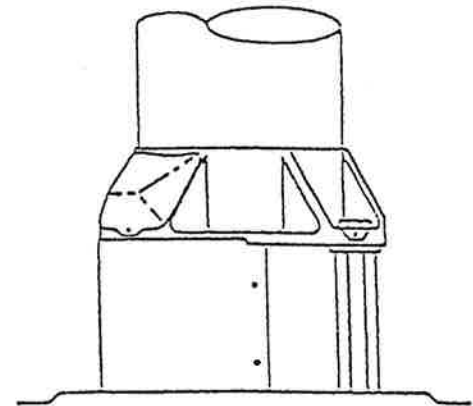
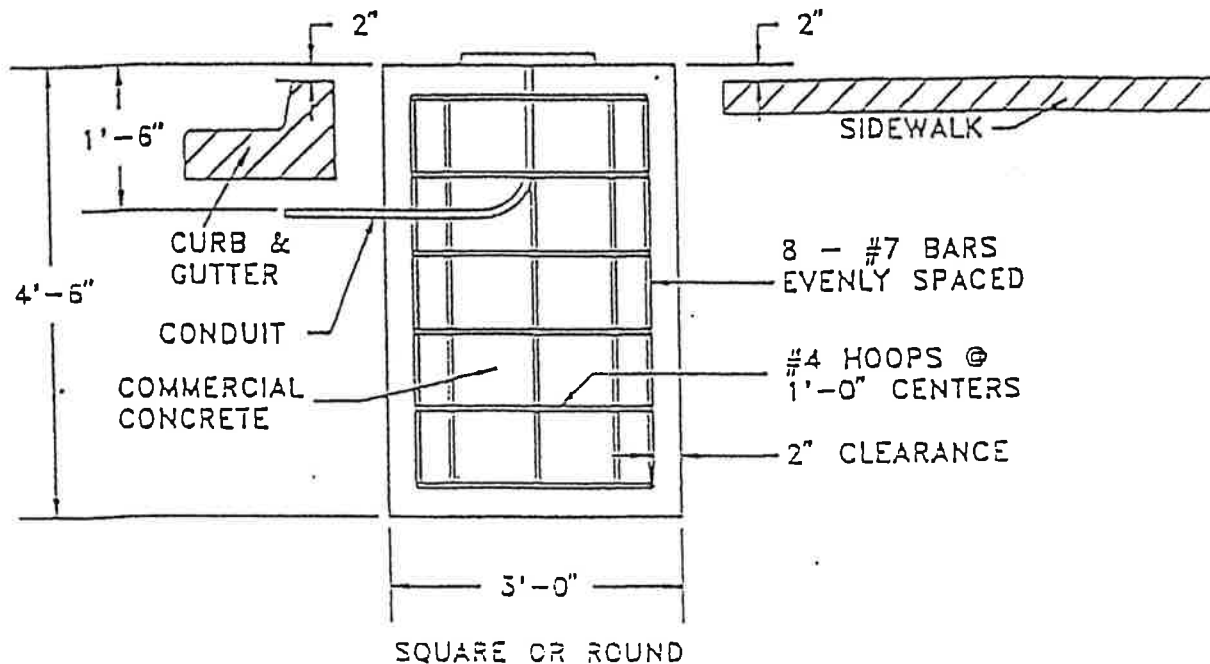
SPOKANE COUNTY
DEPARTMENT OF PUBLIC WORKS
SPokane, WA 99204

APPROVED
COUNTY ENGINEER
DATE: _____

REVISION
DIMENSION CORRECTION - TYPE "R" CURB
DATE: 11/10/10 BY: JCD, LAPP

STANDARD
CURBS & GUTTERS

SHEET
A-3



BREAKAWAY COUPLING

HAPCO BREAKAWAY COUPLING
CAT. NO. 60513 OR EQUAL

GENERAL NOTES:

1. THE FOUNDATION IS DESIGNED FOR 2000 PSF AVERAGE SOIL LATERAL BEARING PRESSURE.
2. BREAKAWAY COUPLING REQUIRED ON ALL STREETS EXCEPT NEIGHBORHOOD COLLECTOR AND LOCAL ACCESS.
3. BOLT PATTERN PER MANUFACTURES SPECIFICATIONS.
4. FOR DETAILS NOT SHOWN USE MANUFACTURES SPECIFICATIONS AND DETAILS.

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

LIMINAIRE FOUNDATION

APPROVED BY
CITY ENGINEER

DATE

DWN

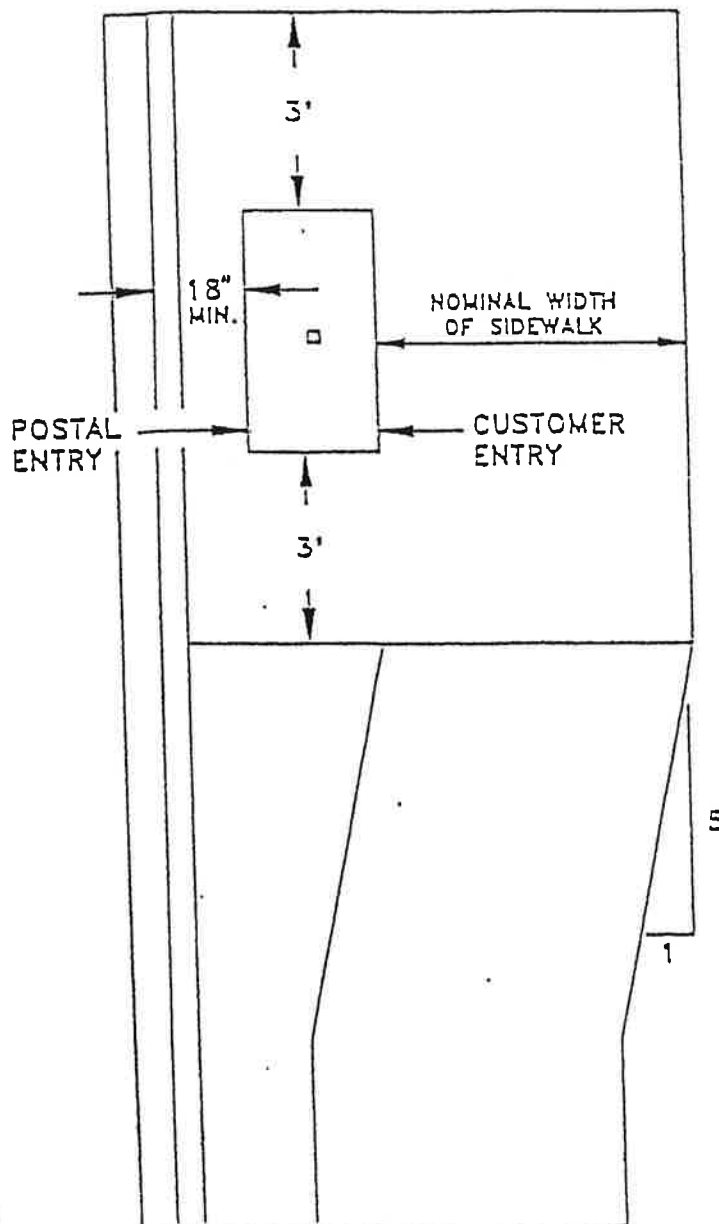
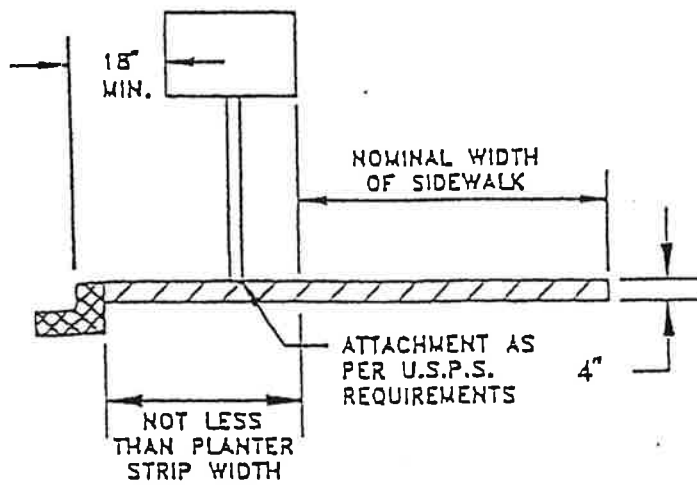
CXD

DATE

6/24/04

FILE

FIG 2-17



CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

MAILBOX CLUSTER STYLE

APPROVED BY
CITY ENGINEER

DATE

DWN

OKD

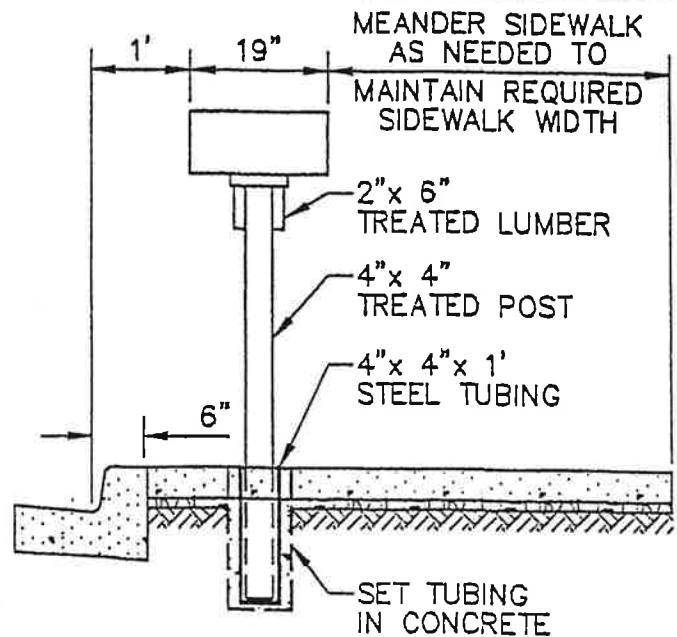
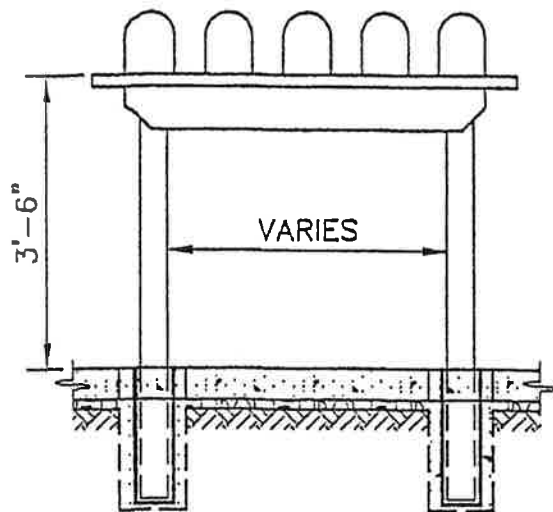
DATE

6/24/94

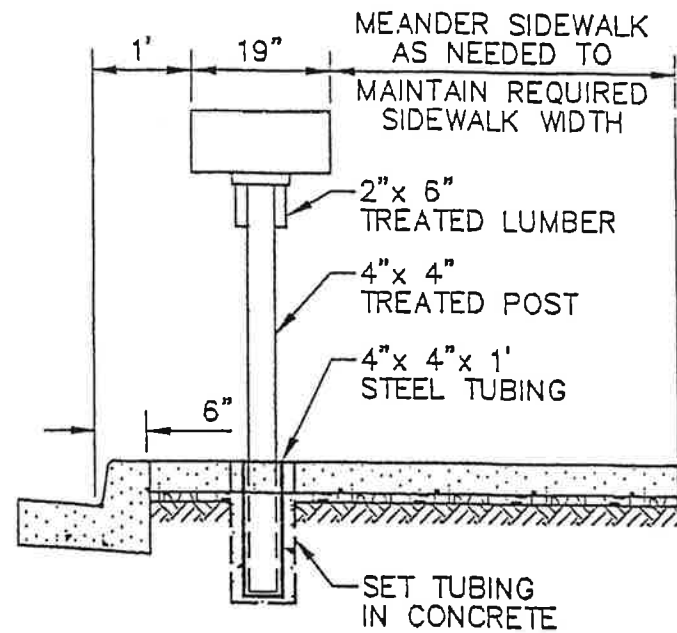
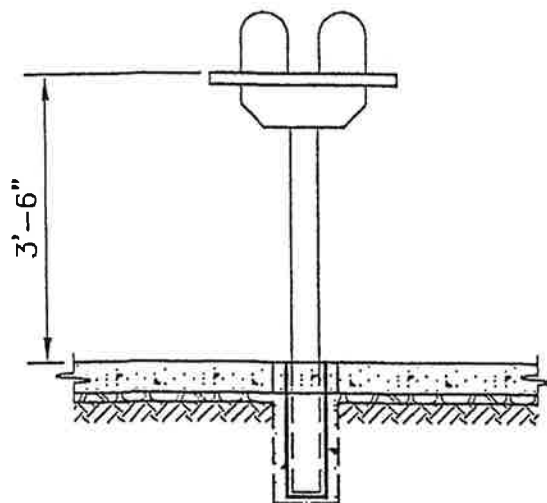
FILE

FIG 2-11

REF



DOUBLE STAND



SINGLE STAND

MAILBOX STAND
DETAILS

NO SCALE

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

**MAILBOX STAND
DETAILS**

APPROVED BY
CITY ENGINEER

DATE

REF

NAME

DWN

RPW

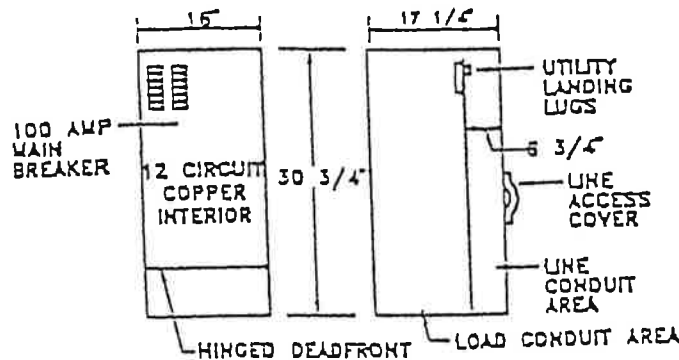
CKD

DATE

6/24/94

FILE

FIG 2-19

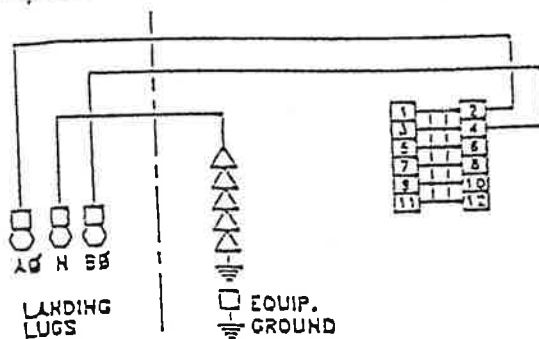


MEUGL-M100C-UM
UNICORN CPIIB-0113A (NOT SHOWN)
OR APPROVED EQUAL

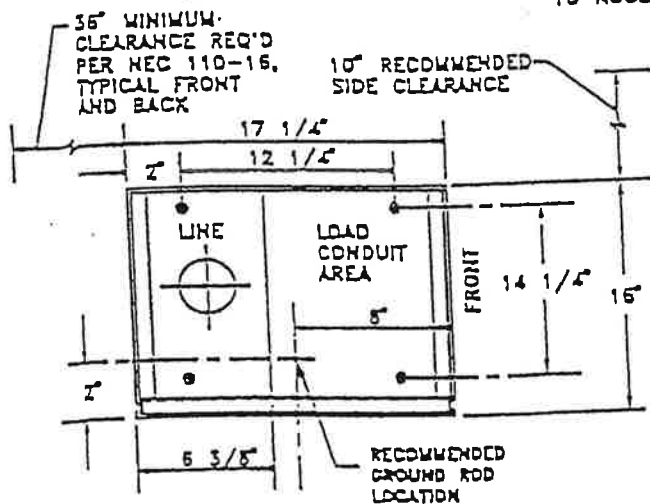
THE UNIT SHALL CONTAIN THE FOLLOWING
ADDITIONAL EQUIPMENT:

TWO MERCURY RELAYS
ONE TEST SWITCH
ONE PHOTOCELL

THE UNIT SHALL BE SET UP TO ACCEPT:
ONE TIME CLOCK



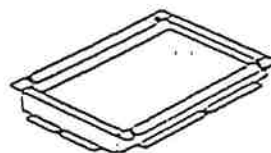
WIRING DIAGRAM



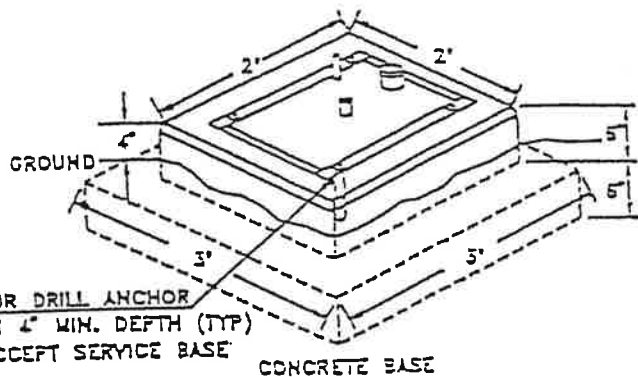
FLOOR PLAN

SPECIFICATIONS

1. STANDARD VOLTAGE IS 120/240V 1Ø3W
2. CALTRANS TYPE 38 SERVICE OR U.L. APPROVED EQUAL
3. TYPE 3R RAINPROOF ENCLOSURE
4. 12 GAUGE ZINC COATED STEEL CONSTRUCTION.
5. INTERIORS WILL ACCEPT PLUG-IN BREAKERS (BRYANT, G.E., WESTINGHOUSE, ITE, CROUSE-HINDS)
6. STANDARD FINISH: LIGHT GREEN BAKED ENAMEL OVER CORROSION RESISTANT ZINC CHROMATE PRIMER. EXCEEDS 250 HOURS SALT SPRAY ASTM B-117
7. DETACHABLE PADMOUNT SUB-BASE
8. COPPER BUSSED INTERIOR HAS PROVISIONS FOR TWELVE FULL ONE-INCH POLES.
9. SUITABLE FOR USE WITHOUT A MAIN WHEN NO MORE THAN SIX SERVICE DISCONNECTS ARE INSTALLED AND USED IN ACCORDANCE WITH ARTICLE 384 OF THE NEC.



PADMOUNT BASE BEFORE INSTALLATION
ON OR IN CONCRETE FOUNDATION



FOUNDATION

SET OR DRILL ANCHOR
BOLTS 4" MIN. DEPTH (TYP)
TO ACCEPT SERVICE BASE

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

SERVICE DISCONNECT FOR LIGHTS AND SIGNALS

APPROVED BY
CITY ENGINEER

DATE

DWN

DD

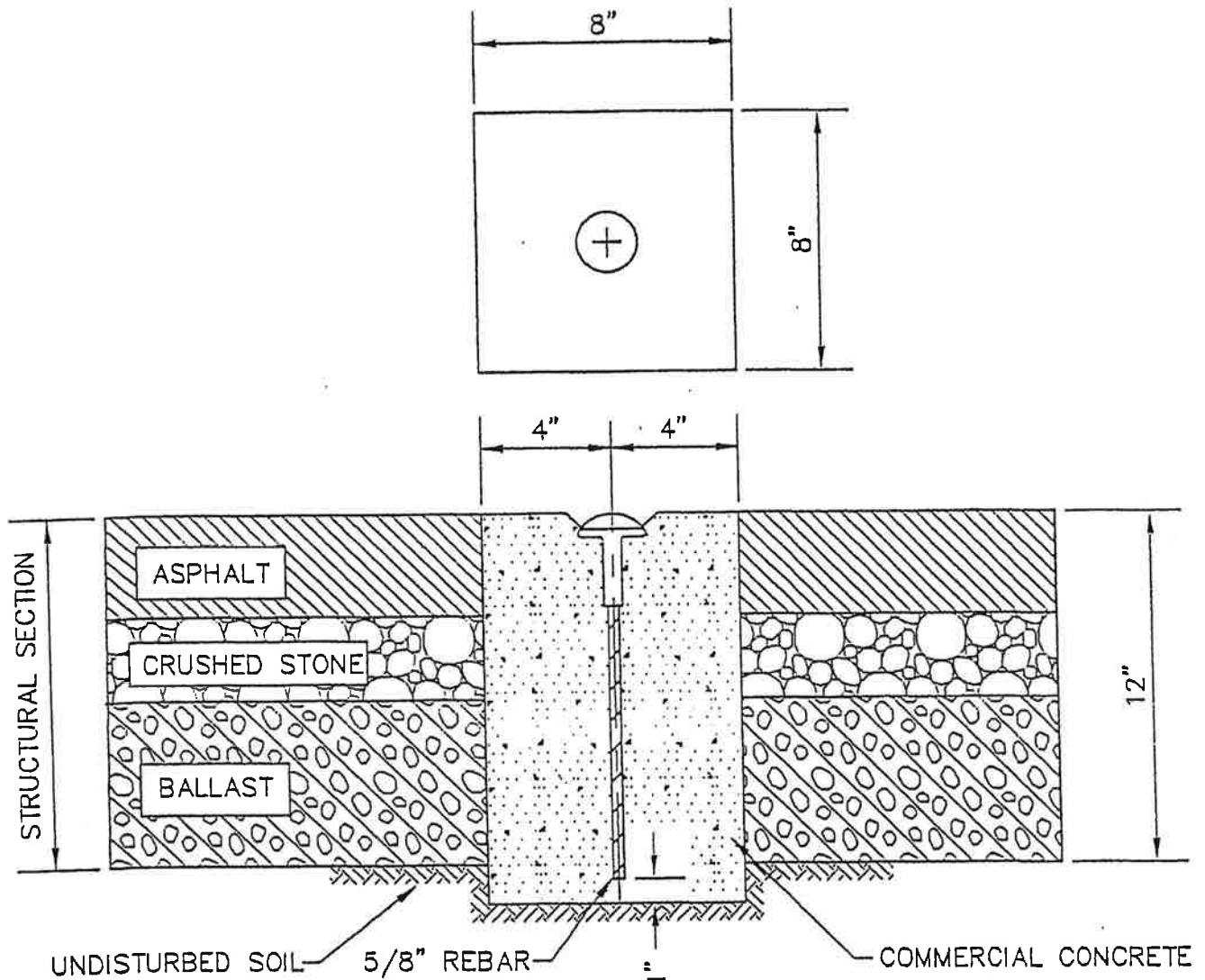
DATE

6/24/94

FILE

FIG 2-2

REF



CAST IN PLACE MONUMENT DETAIL

NO SCALE

NOTES:

1. THIS MONUMENT TO BE USED PRIMARILY ON BITUMINOUS OR ASPHALT CONCRETE PAVEMENT FOR USE PRIMARILY IN SUBDIVISIONS AND MINOR ARTERIALS.
2. CONCRETE BASE DIMENSIONS SHOWN ARE MINIMUM. CONCRETE BASE NEED NOT BE FORMED.
3. CAP SHALL BE "BERNTSEN RB SERIES" OR BRASS PLUG MARKER.
4. CONCRETE TO BE PLACED ON A FIRM AND UNYIELDING FOUNDATION.

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

CAST IN PLACE MONUMENT

APPROVED BY
CITY ENGINEER

DATE

DWN

RPW

CKD

DATE

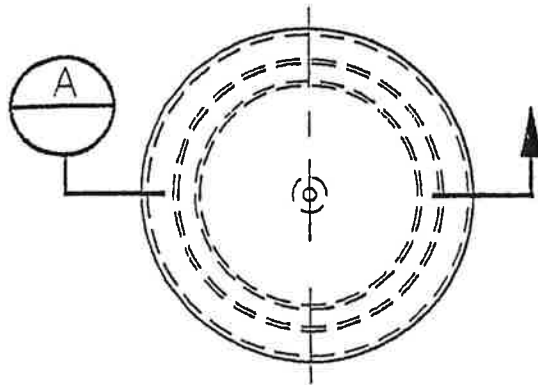
6/24/94

FILE

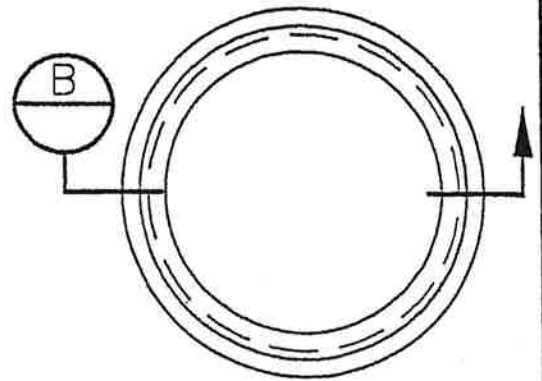
FIG 2-21

REF

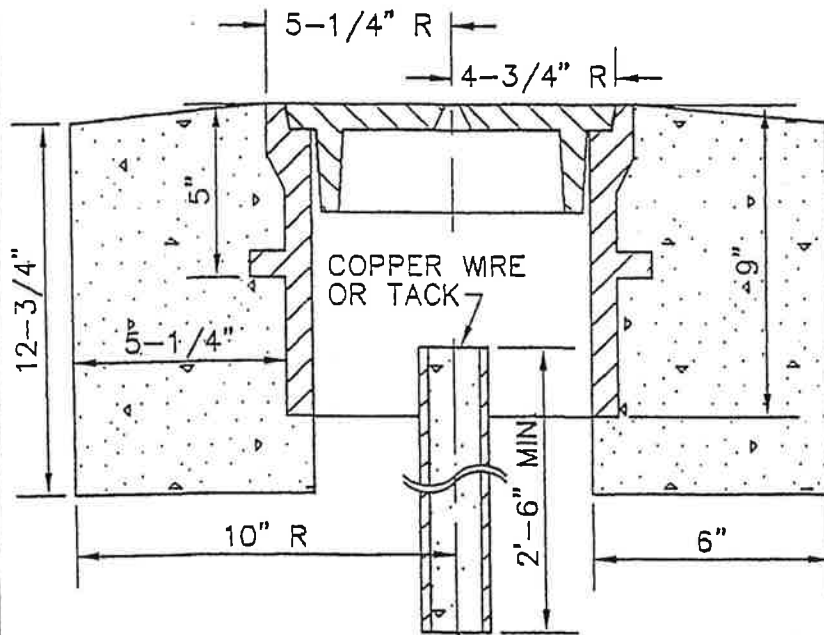
NAME



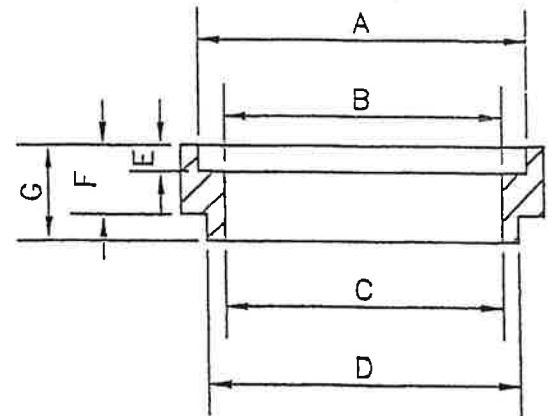
COVER PLAN



RISER PLAN



SECTION A



SECTION B

2" GALV. IRON PIPE WITH
CONCRETE CORE FOR GENERAL
USE.(TO BE SET BY ENGINEER)

MONUMENT CASE AND
COVER WITH RISER
DETAIL

NO SCALE

NOTES:

1. THE CASTINGS SHALL BE GRAY-IRON CASTINGS, ASTM DESIGNATION A 48, CLASS 40. THE COVER AND SEAT SHALL BE MACHINED SO AS TO HAVE PERFECT CONTACT AROUND THE ENTIRE CIRCUMFERENCE AND FULL WIDTH OF BEARING SURFACE.
2. WHEN THE MONUMENT CASE AND COVER ARE PLACED IN CEMENT CONCRETE PAVEMENT THE CONCRETE BASE WILL NOT BE NECESSARY.

SIZE DIM.	1-1/2"	2"	3"
A	10-1/2"	10-1/2"	10-1/2"
B	9-1/2"	9-1/2"	9-1/2"
C	8"	8"	8"
D	9"	9"	9"
E	3/4"	3/4"	3/4"
F	1-1/2"	2"	3"
G	2-1/4"	2-3/4"	3-3/4"

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

**MONUMENT CASE AND
COVER WITH RISER**

APPROVED BY
CITY ENGINEER

DATE

DWN

RPW

CKD

DATE

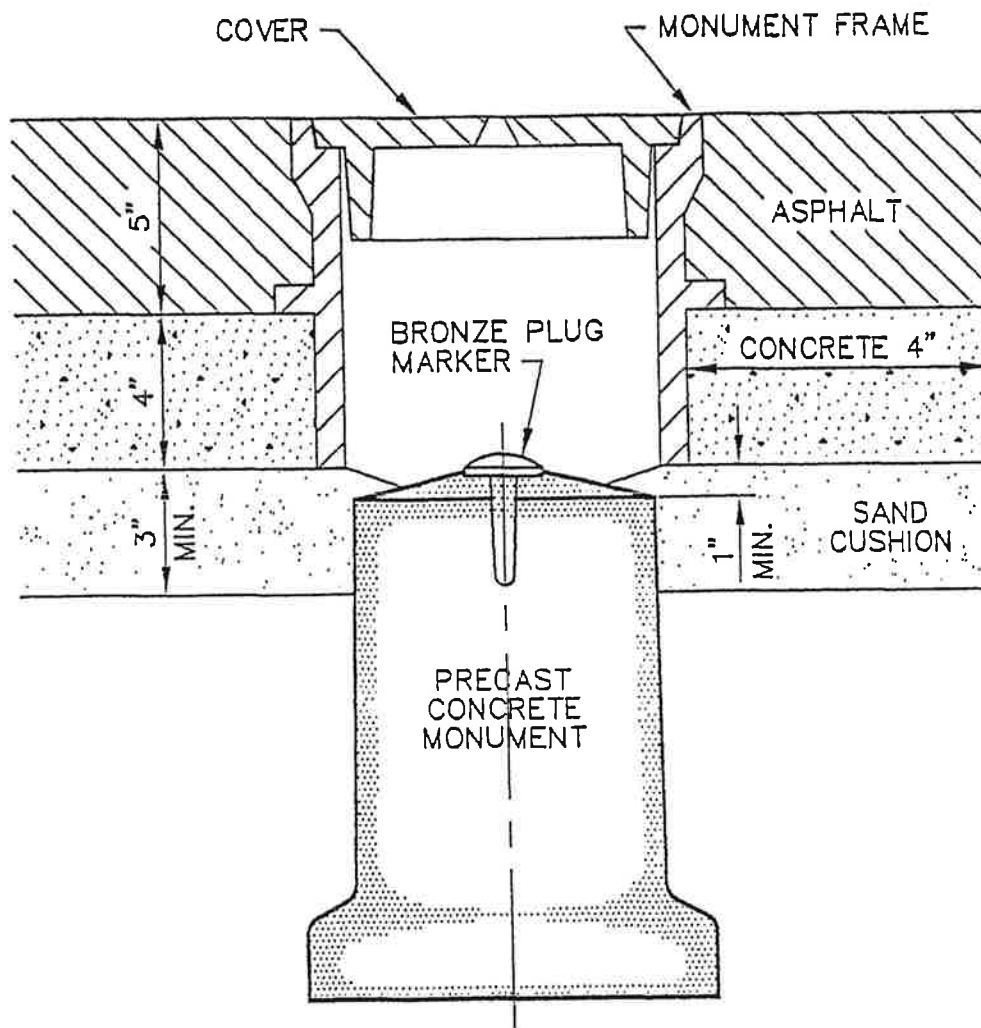
6/24/94

FILE

FIG 2-22

REF

NAME



MONUMENT CASE
INSTALLATION
DETAIL

NO SCALE

NOTE:

1. FOR USE PRIMARILY ON ARTERIAL STREETS, STREETS WITH BUS TRAFFIC AND TRUCK ROUTES.

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

**MONUMENT CASE
INSTALLATION**

APPROVED BY
CITY ENGINEER

DATE

DWN

CKD

DATE

6/24/94

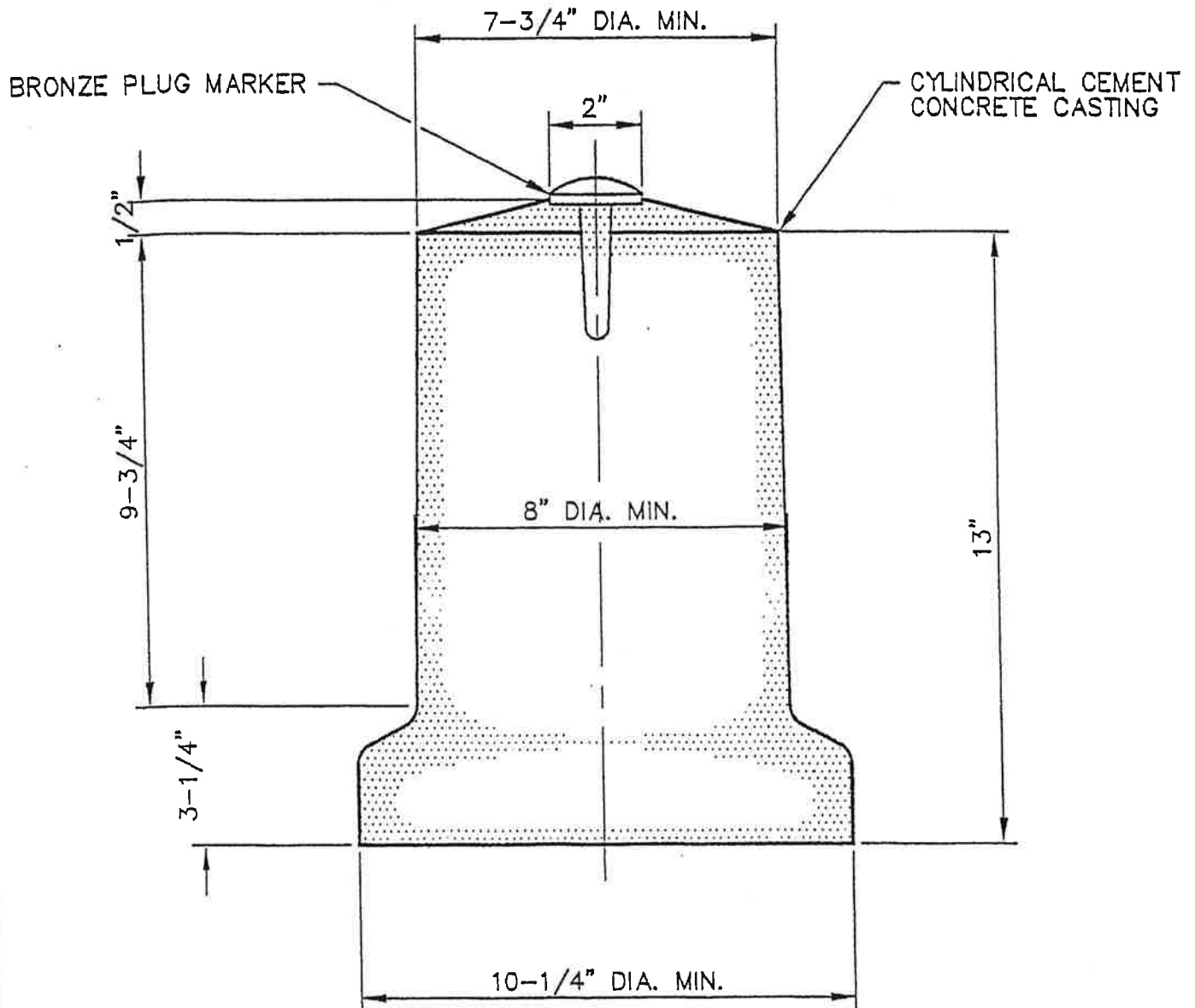
FILE

FIG 2-23

REF

NAME

RPW



PRECAST CONCRETE
MONUMENT
DETAIL

NO SCALE

NOTE:

1. MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF CONCRETE CASTING AT 28 DAYS - 3000#. MAXIMUM AGGREGATE SIZE TO BE 1".

CITY OF AIRWAY HEIGHTS
 DEPARTMENT OF PUBLIC WORKS

**PRECAST CONCRETE
 MONUMENT**

APPROVED BY
 CITY ENGINEER

DATE

DWN

RPW

CKD

DATE

6/24/94

FILE

FIG 2-24

REF

NAME

1:1 MAX. SLOPE IN CUT,
1.5:1 MAX. SLOPE IN FILL

1:6 BATTER

8' MAX.

EXISTING
GROUND

FABRIC

2-1/2" MINUS
RAILROAD BALLAST

PERF. DRAIN WITH
4" MIN. BEDDING

1/2 BASE COURSE DIA. OR
12", WHICHEVER IS GREATER.

ROCK RETAINING WALL

DETAIL

NO SCALE

NOTES:

1. ROCKERIES GREATER THAN 5' SHALL BE CONSTRUCTED WITH 5-MAN TO 2-MAN ROCKS FROM BOTTOM TO TOP. ROCKERIES LESS THAN 5' SHALL BE CONSTRUCTED WITH 3-MAN TO 2-MAN ROCKS FROM BOTTOM TO TOP.
2. CALL FOR INSPECTION PRIOR TO BASE COURSE FILL.

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

ROCK RETAINING WALL

APPROVED BY
CITY ENGINEER

DATE

DWN

RPW

CKD

DATE

6/24/94

FILE

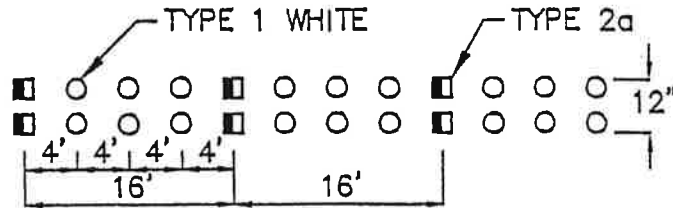
FIG 2-25

REF

NAME

PAVEMENT MARKING DETAILS

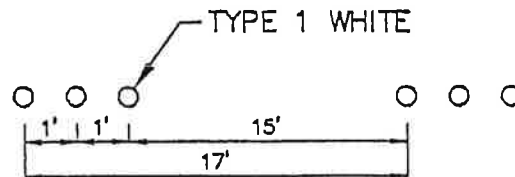
GORE STRIPE



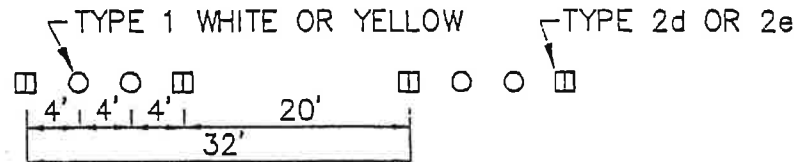
EDGE STRIPE

4" WIDE WHITE PLASTIC STRIPE

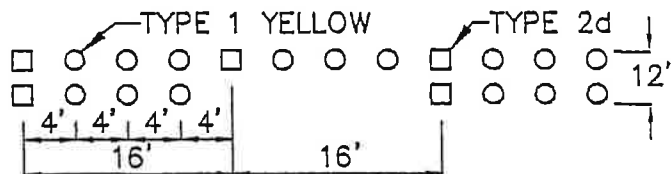
CHANNELIZING STRIPE



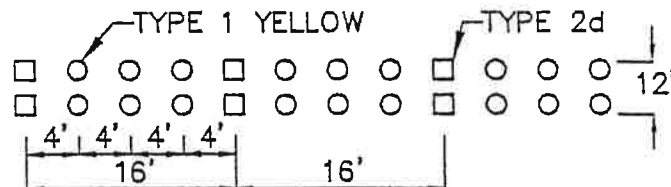
LANE STRIPE



TWO-WAY LEFT TURN STRIPE



DOUBLE YELLOW CENTER STRIPE



STRIPING DETAIL

NO SCALE

LANE MARKERS

- TYPE 1 LANE MARKER, WHITE OR YELLOW
- TYPE 2a REFLECTIVE LANE MARKER, WHITE AND RED
- ▣ TYPE 2d REFLECTIVE LANE MARKER, YELLOW AND YELLOW
- ▢ TYPE 2e REFLECTIVE LANE MARKER, WHITE - ONE SIDE ONLY

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

STRIPING DETAIL

APPROVED BY
CITY ENGINEER

DATE

DWN

RPW

CKD

DATE

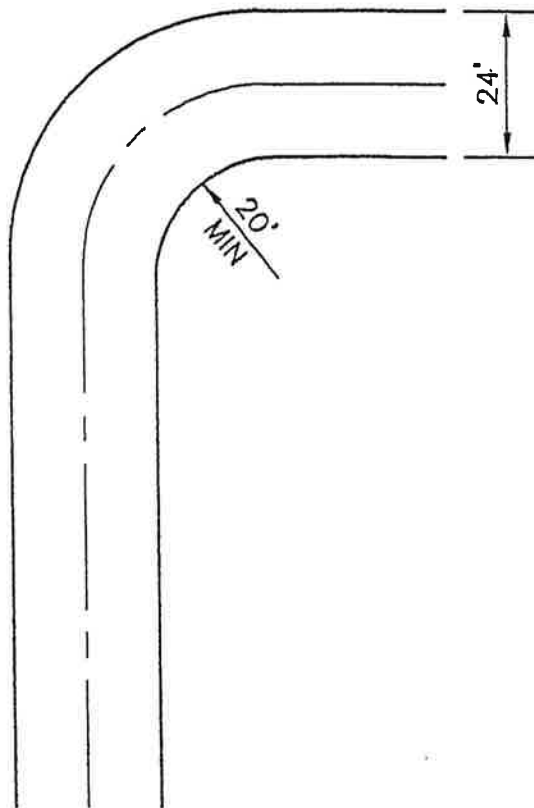
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FILE

FIG 2-26

REF

NAME



STREET
TURN RADIUS
DETAIL

1/32" = 1'-0"

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

STREET
TURN RADIUS

APPROVED BY
CITY ENGINEER

DATE

DWN

RPW

CKD

DATE

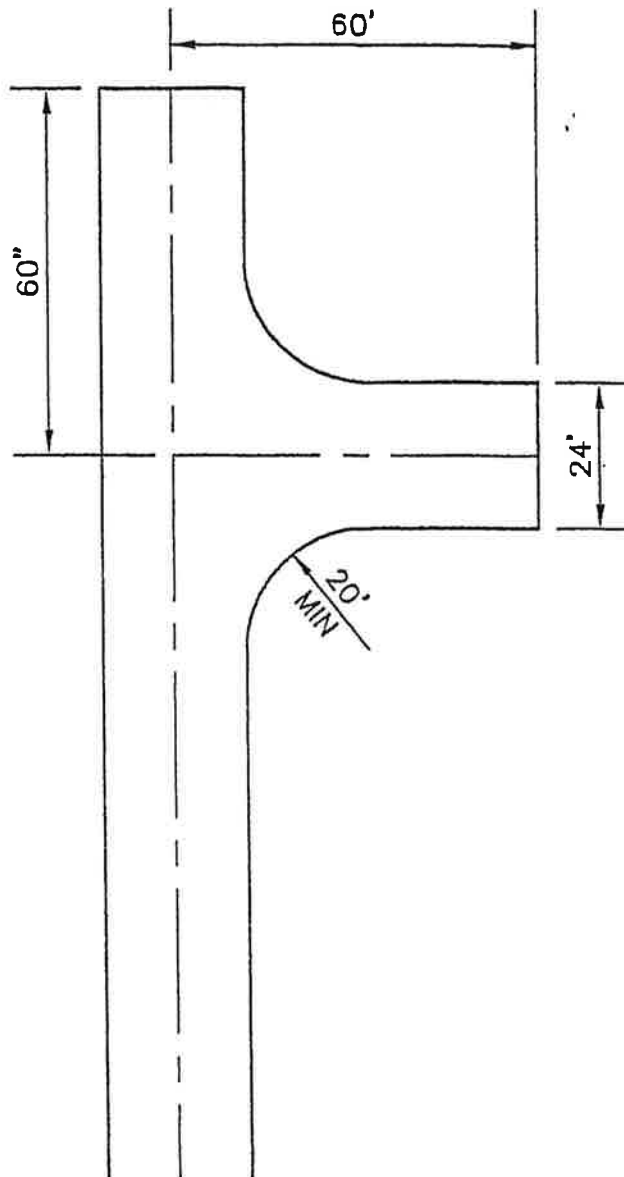
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FILE

FIG 2-27

REF

NAME



DEAD-END HAMMERHEAD
DETAIL

NO SCALE

CITY OF AIRWAY HEIGHTS
DEPARTMENT OF PUBLIC WORKS

DEAD-END
HAMMERHEAD

APPROVED BY
CITY ENGINEER

DATE

REF

NAME

DWN

RPW

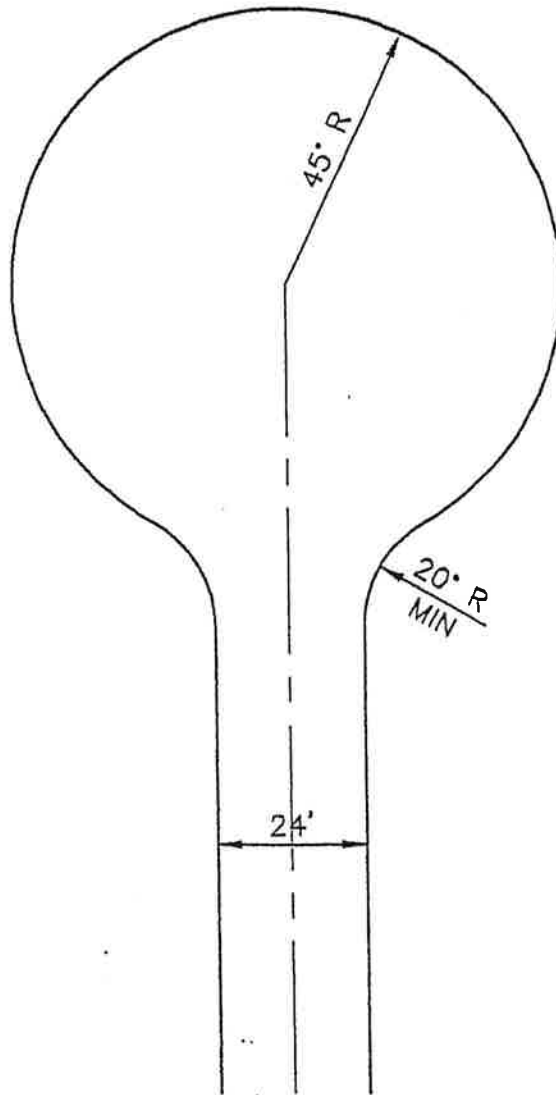
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DATE

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FILE

FIG 2-28



MINIMUM TURNING RADIUS
DEAD-END CUL-DE-SAC

DETAIL

NO SCALE



CITY OF AIRWAY HEIGHTS
 DEPARTMENT OF PUBLIC WORKS

MINIMUM TURNING RADIUS
DEAD-END CUL-DE-SAC

APPROVED BY _____ DATE _____
 CITY ENGINEER

REF

NAME

DWN

RPW

CKD

DATE

6/24/94

FILE

FIG 2-29