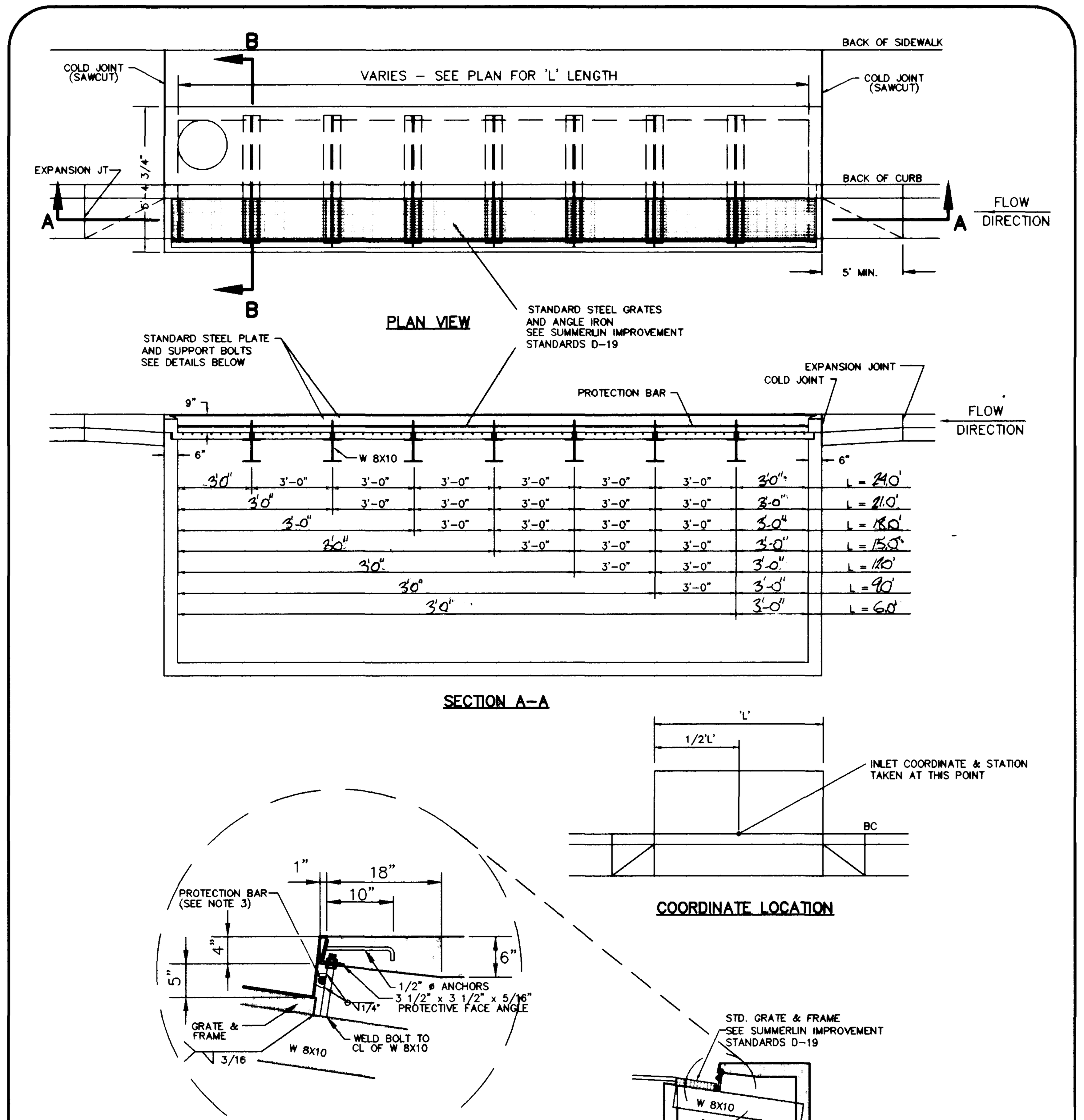
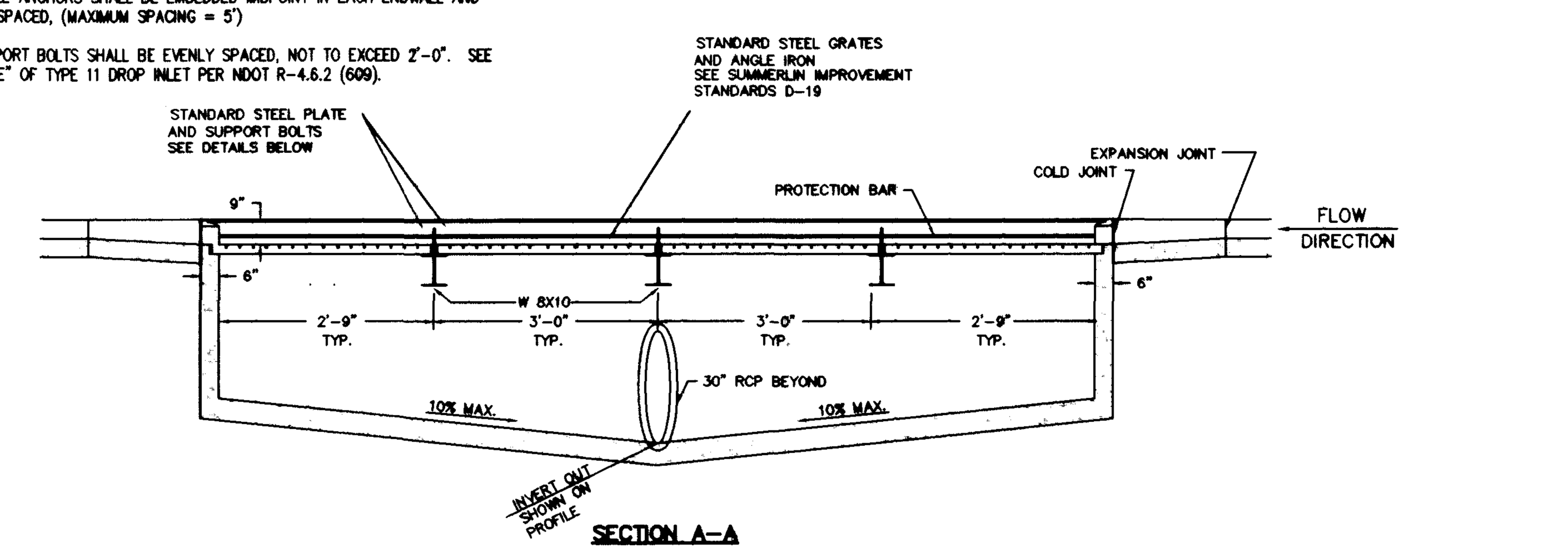


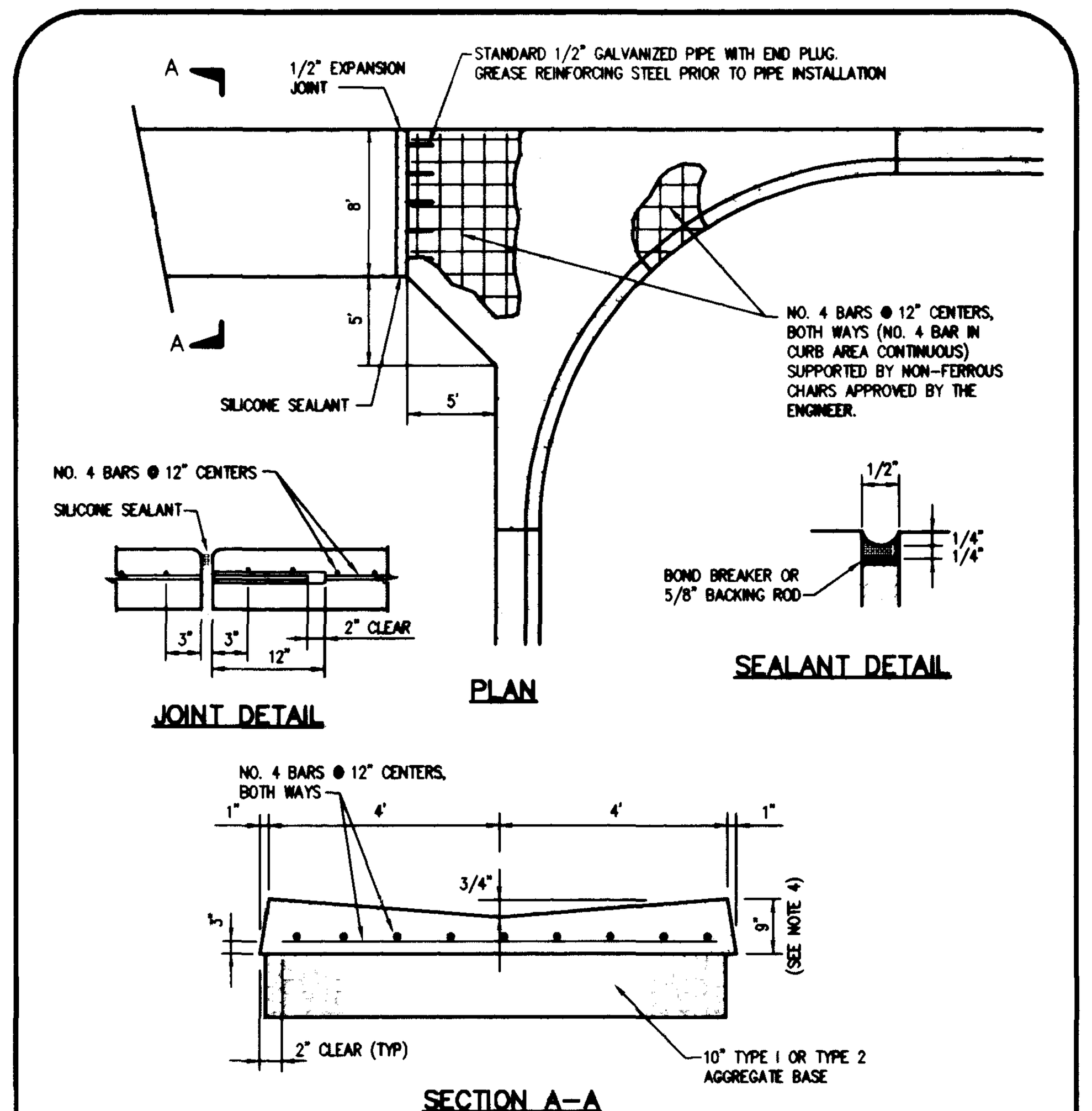
NOTES:

1. STEEL REINFORCEMENT, 22" DIAMETER LID, AND GRATE FRAMES SHALL BE AS PER SUMMERLIN IMPROVEMENT STANDARDS D-14.
2. STEEL FRAMES AND GRATES SHALL BE AS PER SUMMERLIN IMPROVEMENT STANDARDS D-19.
3. PROTECTION BAR SHALL BE AS PER SUMMERLIN IMPROVEMENT STANDARDS D-20 AND D-21 FOR SIZE, TYPE AND INSTALLATION.
4. ANGLE ANCHORS SHALL BE EMBEDDED MIDPOINT IN EACH ENDWALL AND EVENLY SPACED, (MAXIMUM SPACING = 5')
5. SUPPORT BOLTS SHALL BE EVENLY SPACED, NOT TO EXCEED 2'-0". SEE DETAIL "E" OF TYPE 11 DROP INLET PER NDOT R-4.6.2 (609).



TYPE "C" DROP INLET

NTS



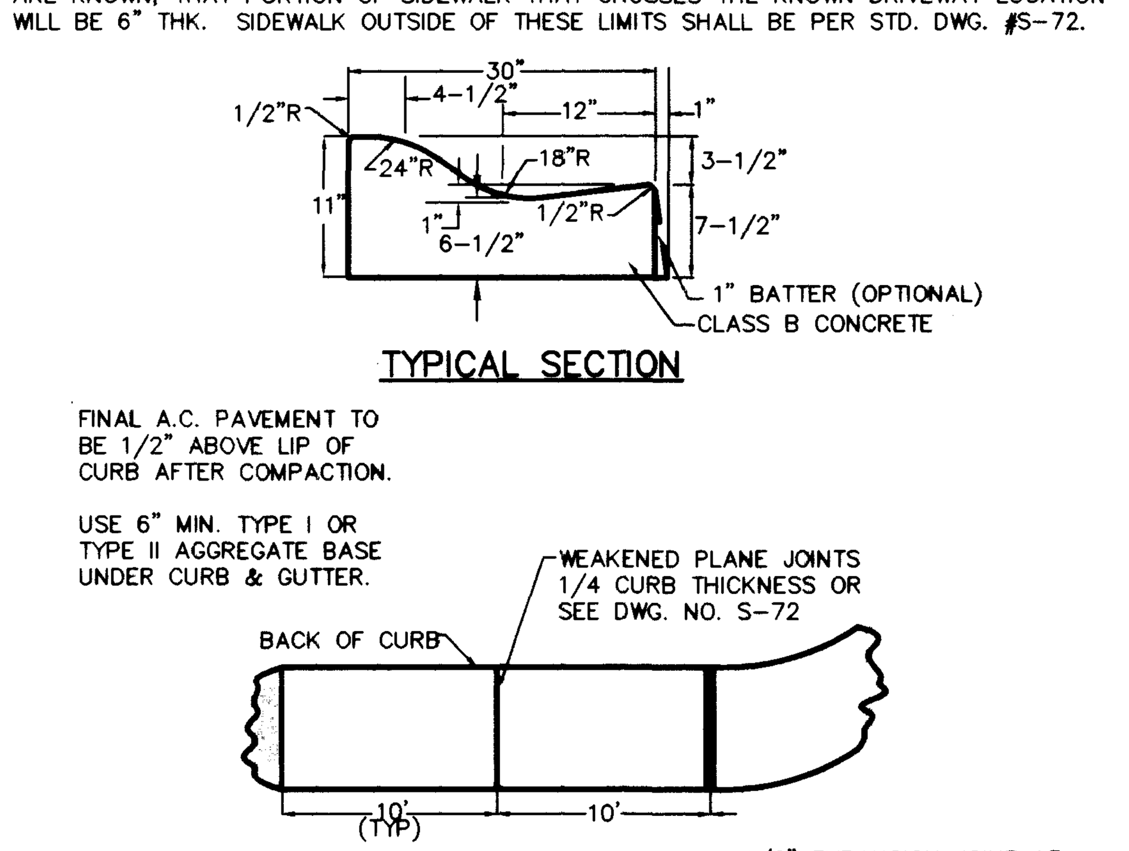
NOTES:

1. ALL CONCRETE SHALL BE CLASS B.
2. FINISHED ASPHALT CONCRETE SURFACE TO BE 1/4" ABOVE LIP OF GUTTER AFTER COMPACTION.
3. CONSTRUCTION OF CROSS GUTTER IS NOT ALLOWED ACROSS VILLAGE ARTERIALS, NEIGHBORHOOD ARTERIALS, NEIGHBORHOOD COLLECTORS OR ALONG ANY VILLAGE ARTERIAL OR ANY OTHER STREETS EXCEPT AT INTERSECTIONS.
4. ADJACENT SPANDREL SHALL BE 9" THICK P.C.C.

CROSS GUTTER

SUMMERLIN IMPROVEMENT STANDARDS DRAWING NO. S-64 NTS

SIDEWALK TO BE CONSTRUCTED EITHER CONTIGUOUS TO OR DETACHED FROM ROLL CURB SHALL BE 6" THK. MIN., UNLESS DRIVEWAY LOCATIONS ARE KNOWN. WHERE DRIVEWAY LOCATIONS ARE KNOWN, THAT PORTION OF SIDEWALK THAT CROSSES THE KNOWN DRIVEWAY LOCATION WILL BE 6" THK. SIDEWALK OUTSIDE OF THESE LIMITS SHALL BE PER STD. DWG. #S-72.



NOTES:

1. USE OF THIS TYPE OF CURB MAY BE LIMITED BY SURFACE DRAINAGE CONSIDERATIONS.
2. MINIMUM SLOPE FOR ROLL TYPE CURB & GUTTER SHALL BE 0.60%.
3. WHEN ROLL TYPE CURB & GUTTER IS USED, ACCESS LOCATIONS TO THE PROPERTY SHALL BE AS SHOWN ON DWG. NO S-58
4. DEPRESSING CURB FOR DRIVEWAYS IS NOT REQUIRED WITH THIS TYPE CURB & GUTTER.

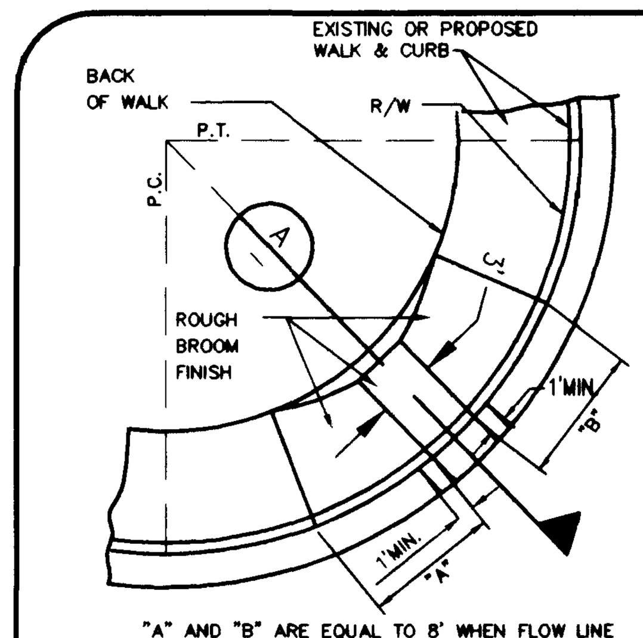
1/2" EXPANSION JOINT AT ALL COLD JOINTS, AT BEGINNING AND END OF RETURN AND AT 150' MAX. INTERVALS FOR EXTRUDED CURB AND 30' MAX. INTERVALS FOR FORMED CURBS. FOR JOINT DETAIL SEE DWG. NO. S-72.

30" ROLL TYPE CURB AND GUTTER

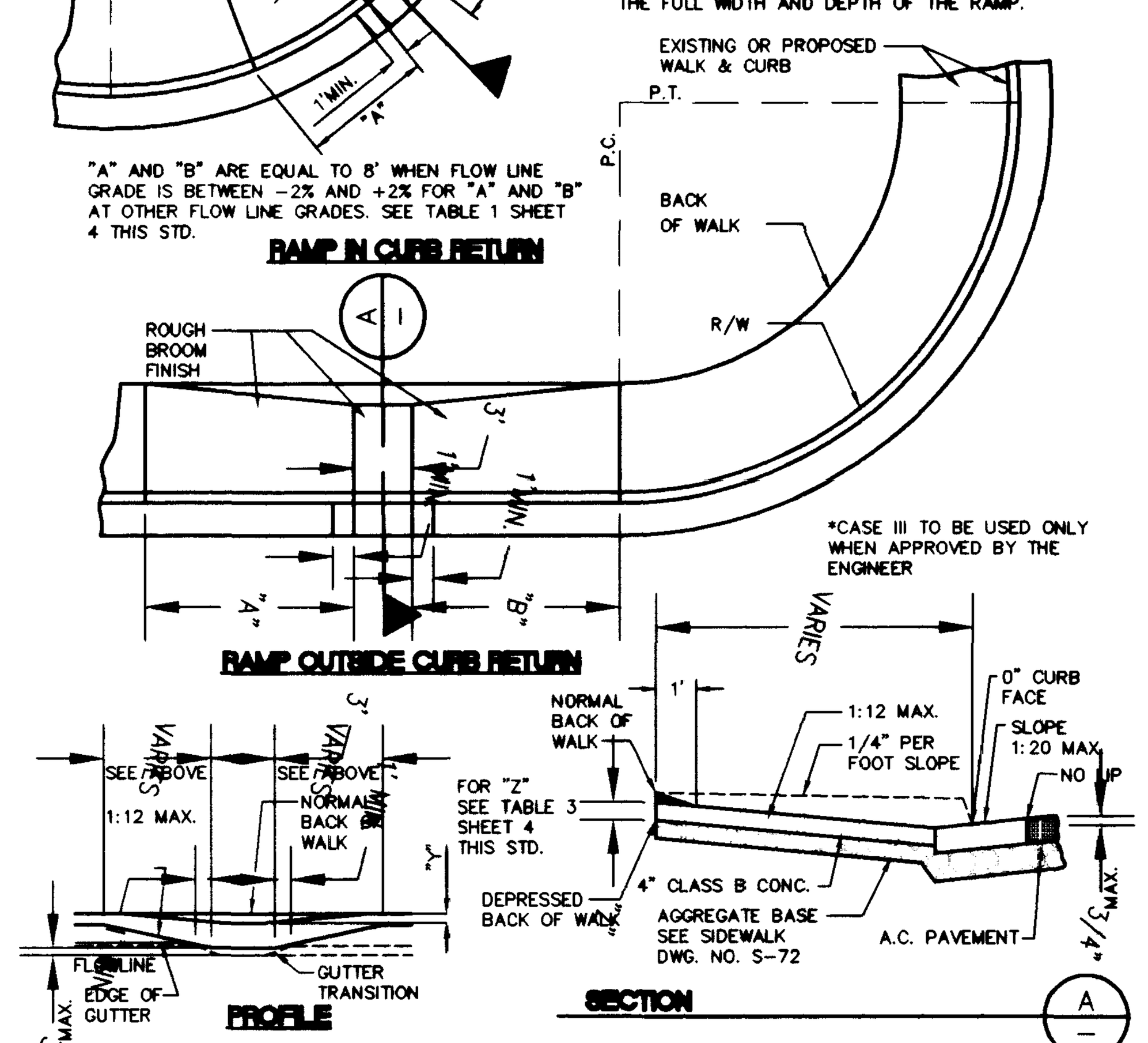
SUMMERLIN IMPROVEMENT STANDARDS DRAWING NO. S-48 NTS

NOTES:

1. SIDEWALK RAMP WITHIN CURB RETURN SHALL BE LOCATED AT THE MIDPOINT OF CURB RETURN UNLESS OTHERWISE APPROVED.
2. SIDEWALK RAMPS OUTSIDE OF THE CURB RETURN SHALL BE LOCATED ADJCENT TO THE RETURN.
3. RAMPS SHALL BE CONSTRUCTED WITH A ROUGH BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
4. WHEN CONSTRUCTING RAMP WHERE CURB & GUTTER EXISTS, COMPLETELY REMOVE INTERFERING PORTIONS OF EXISTING CURB & GUTTER.
5. AN OPTIONAL DETECTABLE WARNING CONSISTING OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 IN., A HEIGHT OF NOMINAL 0.2 IN. AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35 IN. AND CONTRASTING VISUALLY WITH ADJOINING SURFACES MAY BE PLACED ON RAMP EXTENDING THE FULL WIDTH AND DEPTH OF THE RAMP.

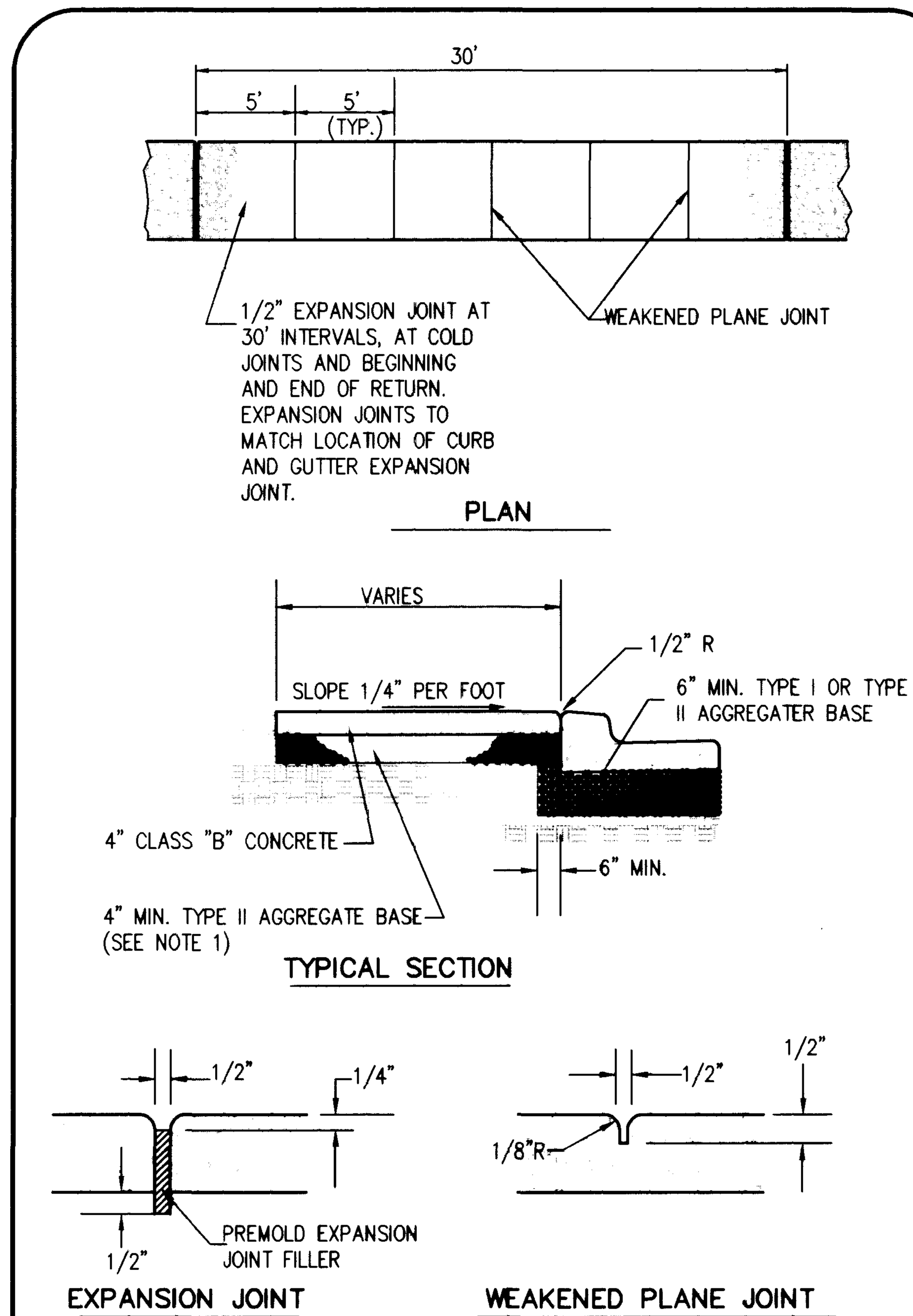


"A" AND "B" ARE EQUAL TO 8' WHEN FLOW LINE GRADE IS BETWEEN -2% AND +2% FOR "A" AND "B" AT OTHER FLOW LINE GRADES. SEE TABLE 1 SHEET 4 THIS STD.



SIDEWALK RAMP CASE I (SIS S-77)

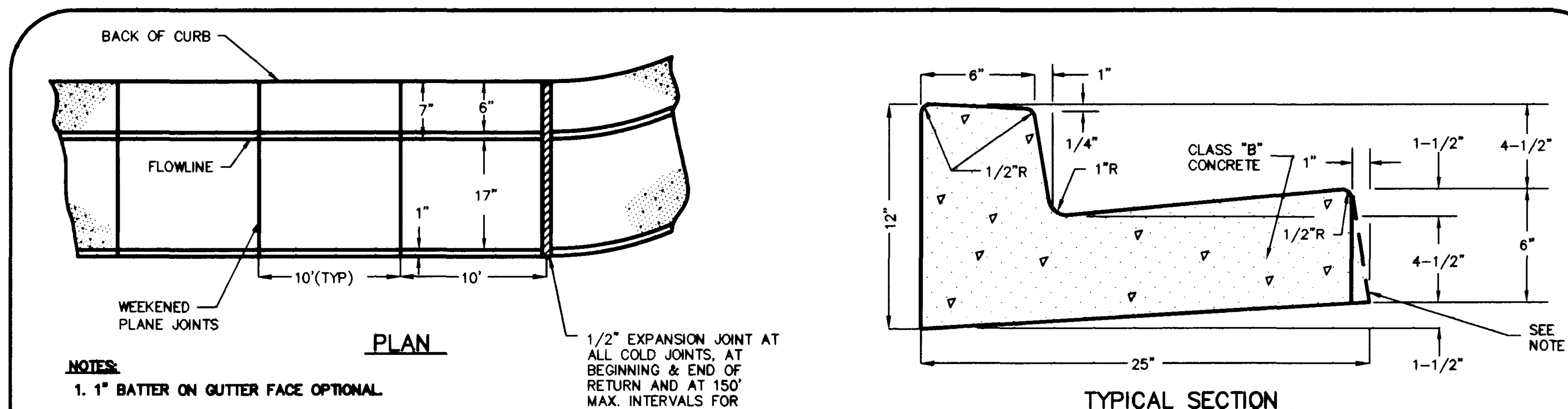
NTS



SIDEWALK

NTS

SUMMERLIN IMPROVEMENT STANDARDS DRAWING NO. S-72

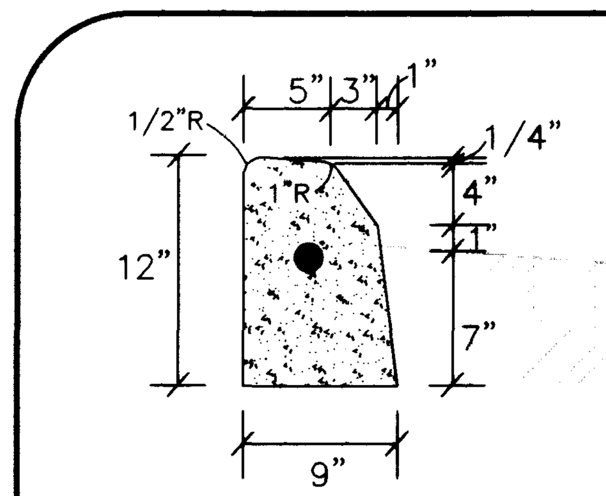


NOTES:

1. 1" BATTER ON GUTTER FACE OPTIONAL.
2. WHERE LONGITUDINAL SLOPE IS LESS THAN 0.5% THE FLOW LINE SHALL BE WATER TESTED.

"L" TYPE CURB AND GUTTER

SUMMERLIN IMPROVEMENT STANDARDS DRAWING NO. S-47 NTS



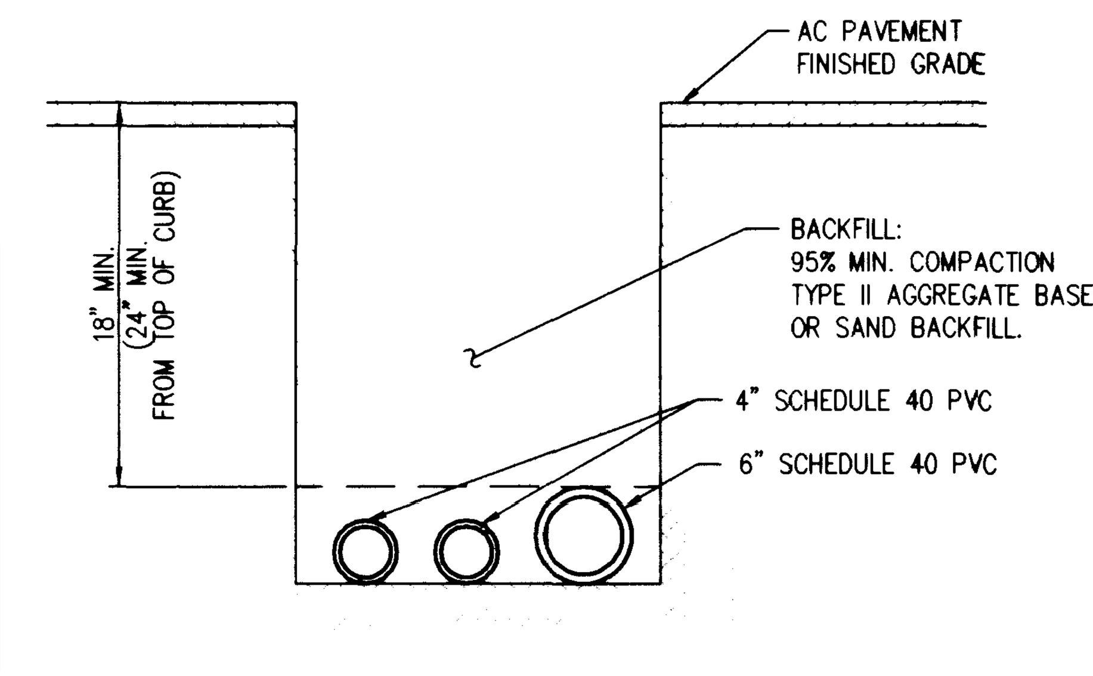
"A" CURB

NTS

SUMMERLIN IMPROVEMENT STANDARDS DRAWING NO. S-50

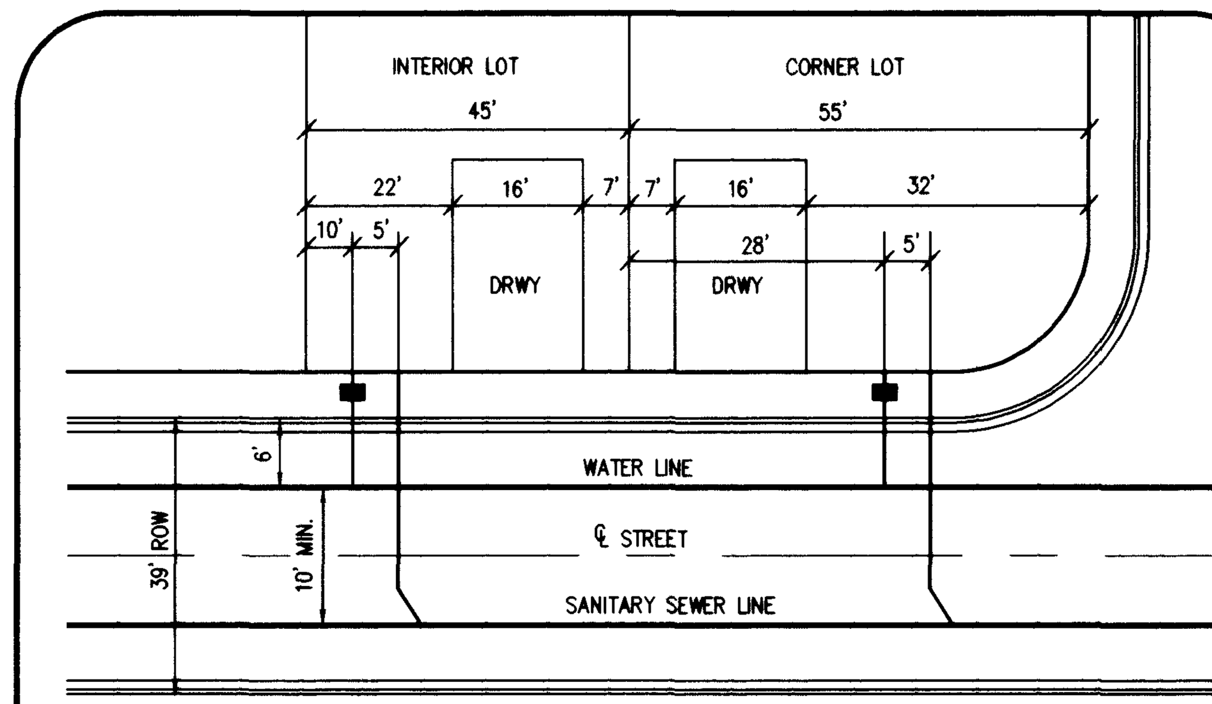
NOTES:

1. SLEEVES AND CONDUITS SHALL BE INSTALLED 18" BELOW FINISHED GRADE AND SHALL EXTEND 12" BEYOND BACK OF CURBS, WALLS AND PAVING.
2. CONTRACTOR SHALL RECORD LOCATIONS OF INSTALLED SLEEVES: A COPY OF THE FIELD NOTES SHALL BE GIVEN TO THIS ENGINEER FOLLOWING CONSTRUCTION.
3. HORIZONTAL LOCATION OF SLEEVES SHALL BE SHOWN ON DESIGN PLANS.



IRRIGATION SLEEVES

NTS

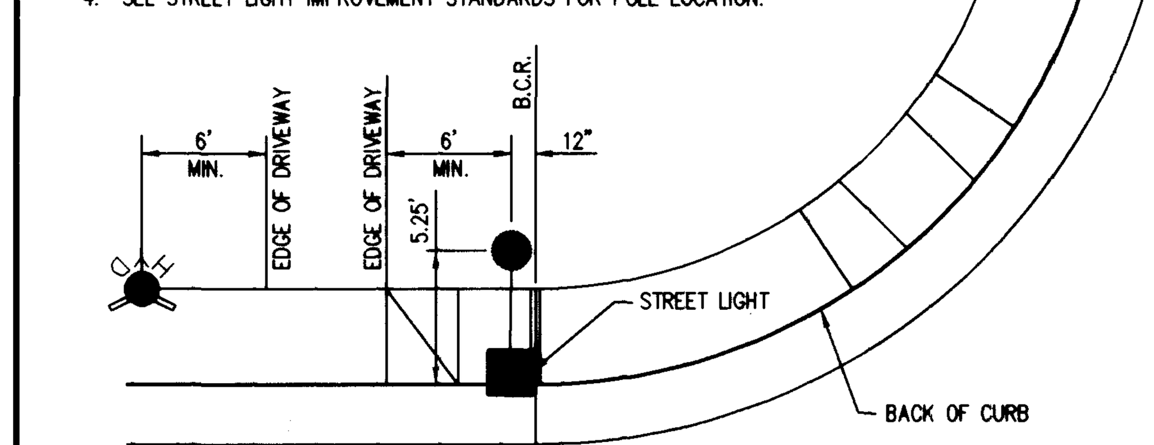


TYP. LATERAL LOCATION DETAIL

NTS

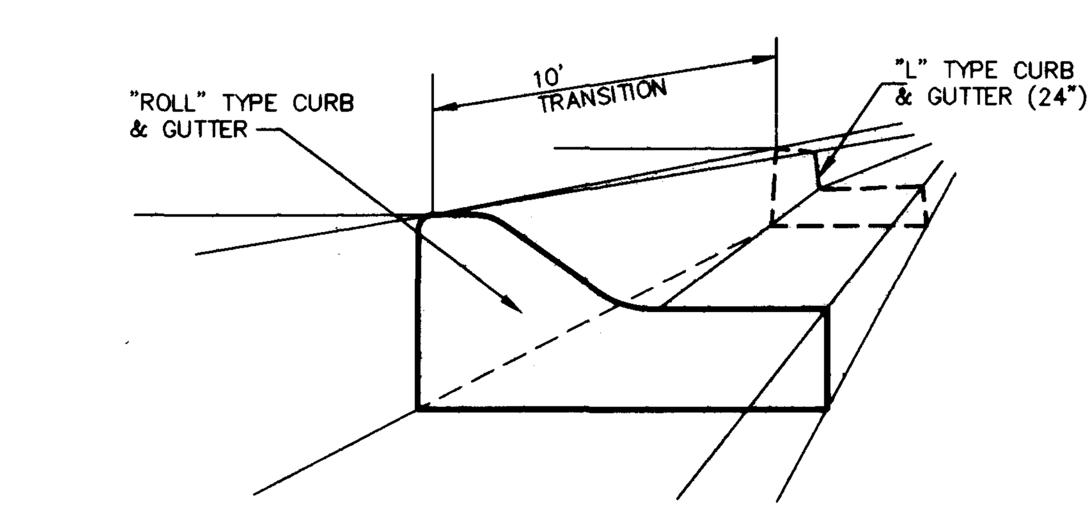
NOTES:

1. WHEN THE SIDEWALK OR WALKWAY ABUTS THE BACK OF CURB, THE FIRE HYDRANT IS TO BE LOCATED 1'6" FROM BACK OF SIDEWALK OR WALKWAY. IF LANDSCAPE AREA EXISTS BETWEEN THE SIDEWALK OR WALKWAY AND THE CURB, THE FIRE HYDRANT SETBACK WILL BE REVIEWED AND APPROVED BY S.D.R.C. AND C.L.V.F.D.
2. NO FIRE HYDRANT SHALL BE LOCATED WITHIN 6' OF ANY DRIVEWAY, POWER POLE, STREET LIGHT OR ANY OTHER OBSTRUCTION.
3. NO FIRE HYDRANT OR STREET LIGHT SHALL BE LOCATED WITHIN THE SIDEWALK OR WALKWAY.
4. SEE STREET LIGHT IMPROVEMENT STANDARDS FOR POLE LOCATION.



STREET LIGHT AND HYDRANT LOCATION

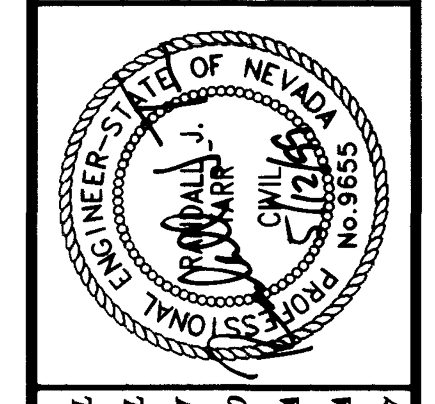
NTS



"L" TYPE TO "ROLL" TYPE CURB TRANSITION

NTS

REVISIONS			
No.	Date	CHKD	APPD



DESIGNED:	DL
DRAWN:	DL
CHECKED:	WSW
JOB No:	97V107010
HORIZ:	N/A
VERT:	N/A
DATE:	6/16/97

Carter::Burgess
6655 Bermuda Road
Las Vegas, NV 89119
(702) 938-5400 Fax (702) 938-5454

PROJECT: THE ARBORS PARCEL H & I

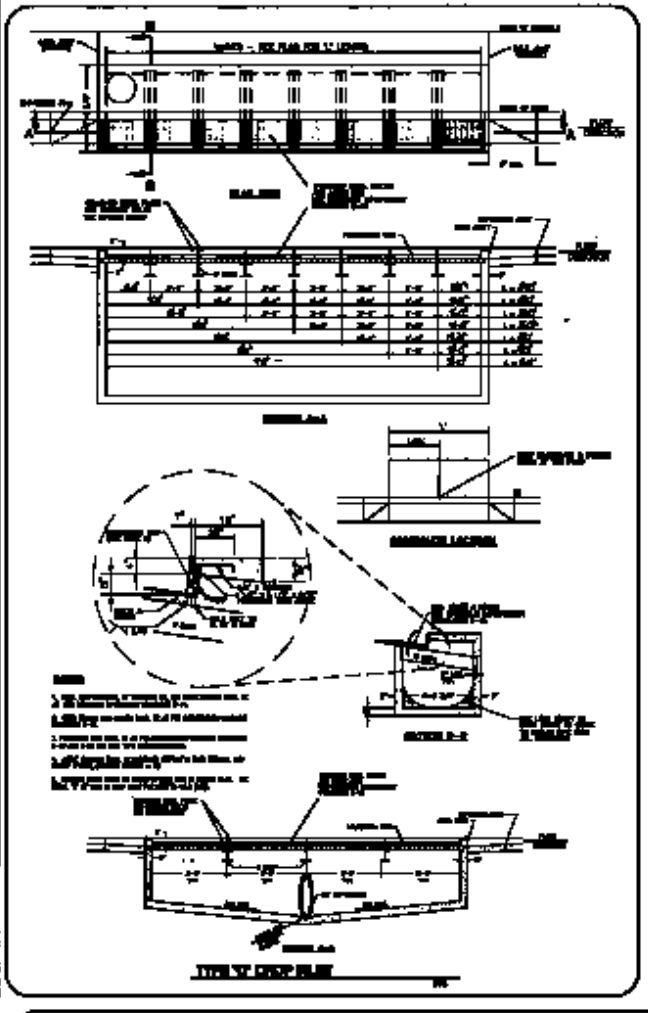
DESCRIPTION: WESTBROOK PHASE II DETAIL SHEET

SHEET 14

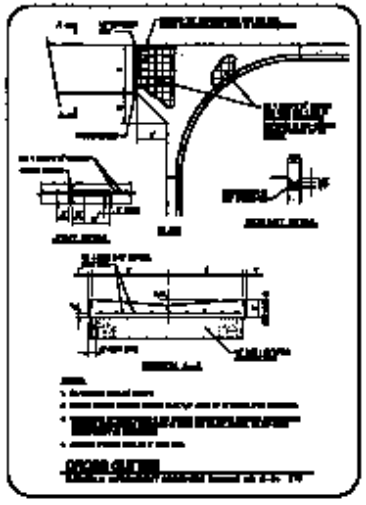
14 OF 14

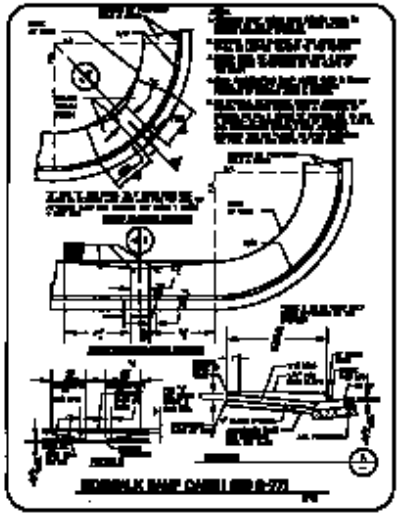
107V-4541-2

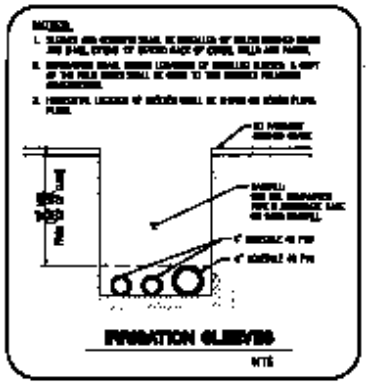
15963



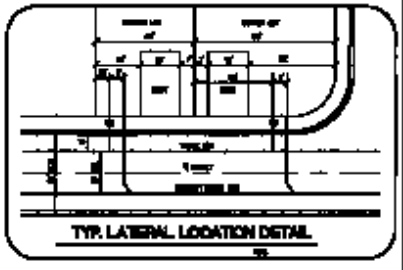
TYPE 'A' DROP PLATE



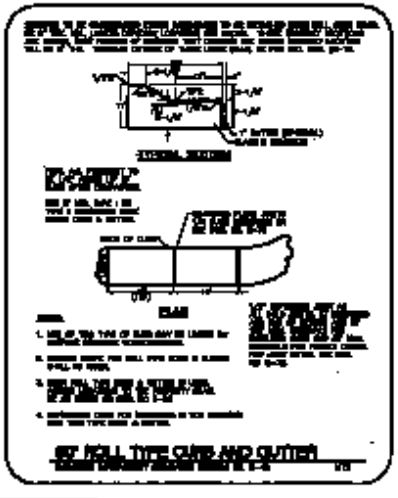




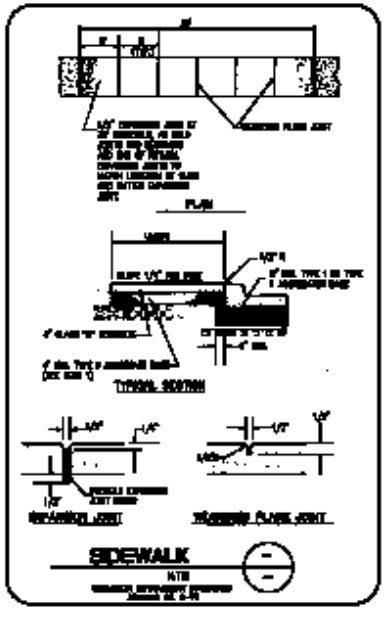
IRRIGATION SLEEVES



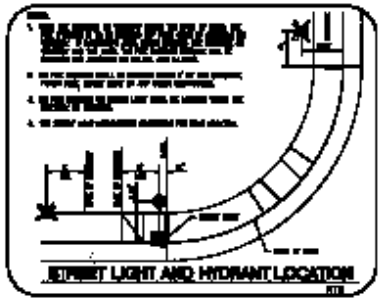
TYP. LATERAL LOCATION DETAIL



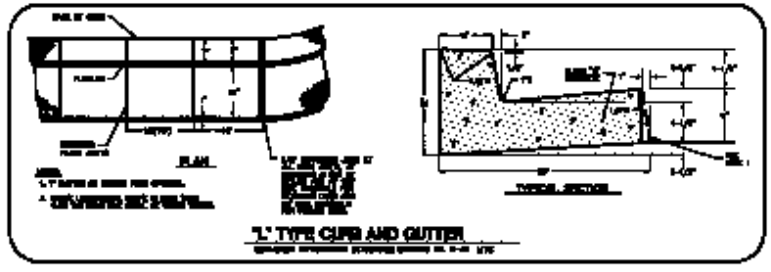
24" ROLL TYPE CURB AND GUTTER



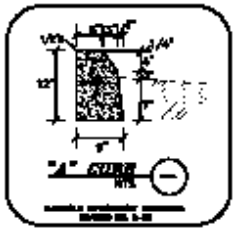
SIDEWALK

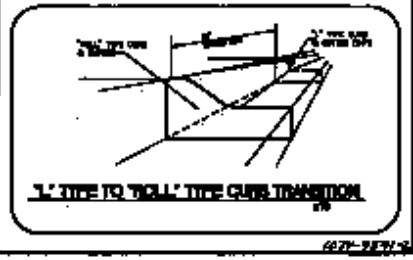


STREET LIGHT AND HYDRANT LOCATION



"L" TYPE CURB AND GUTTER





"L" TYPE TO "ROLL" TYPE CURB TRANSITION

THE ARBORS
PARCEL H & I
WESTBROOK PHASE II
DETAIL SHEET

14
14 OF 14