


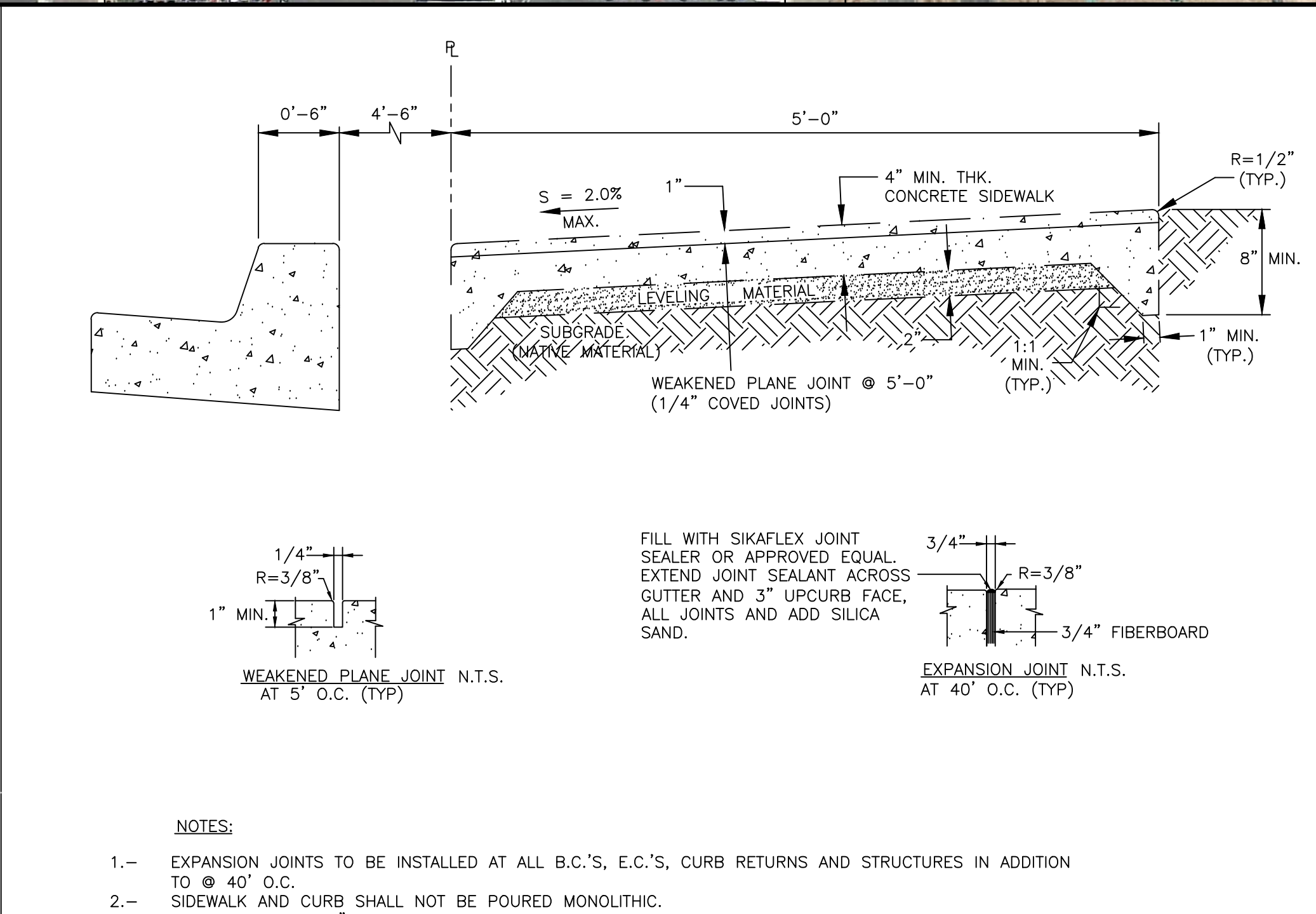
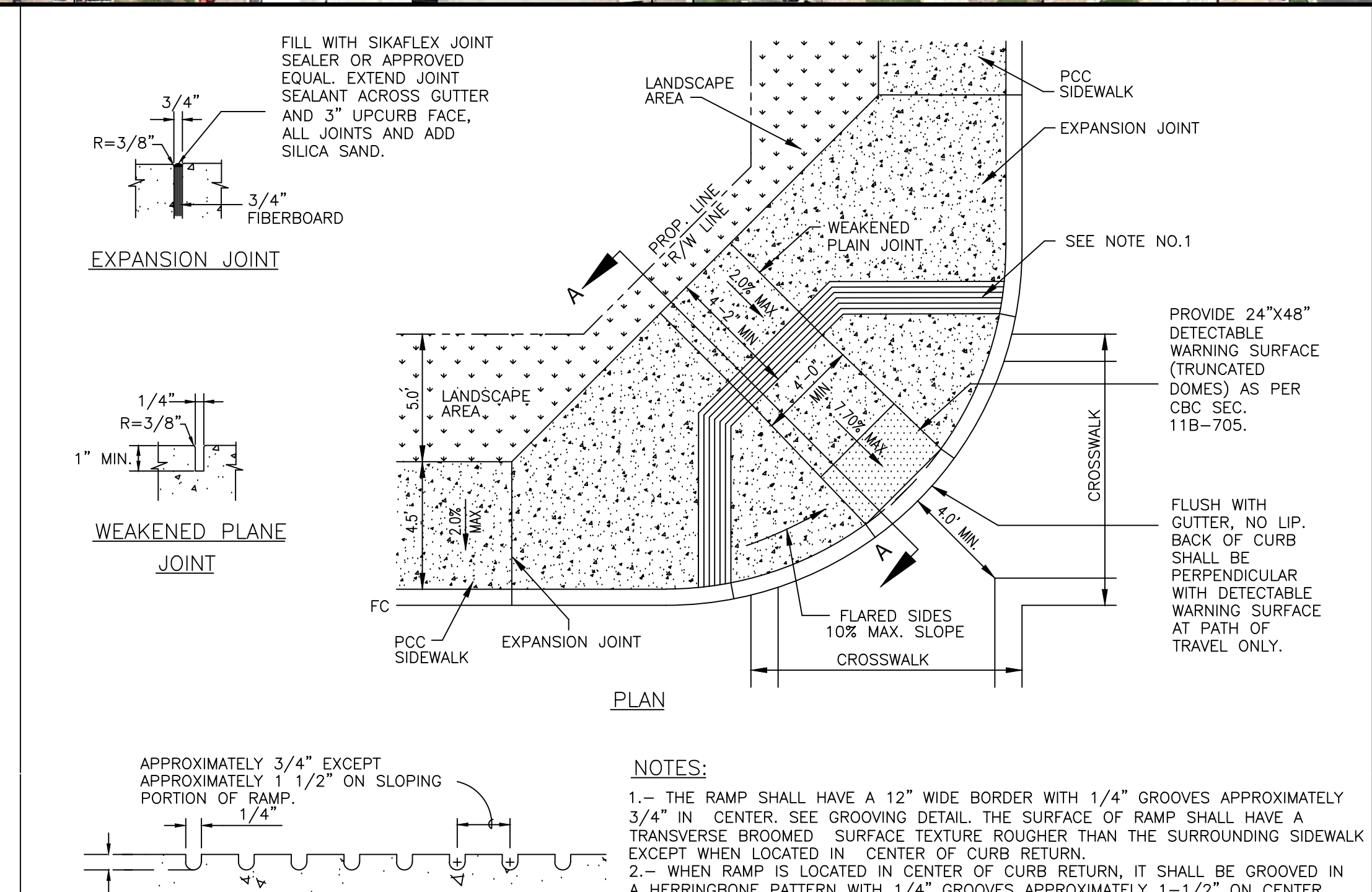
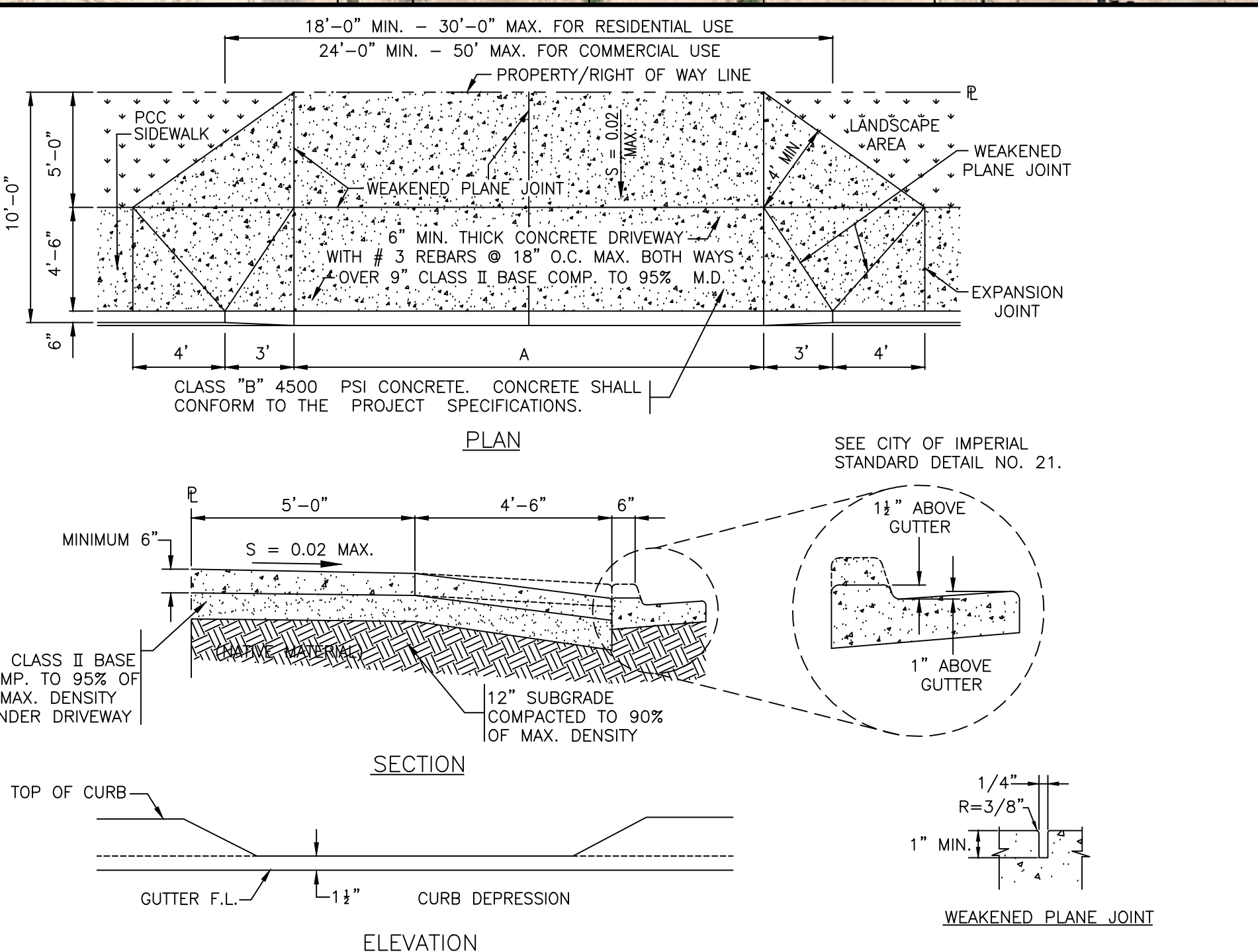
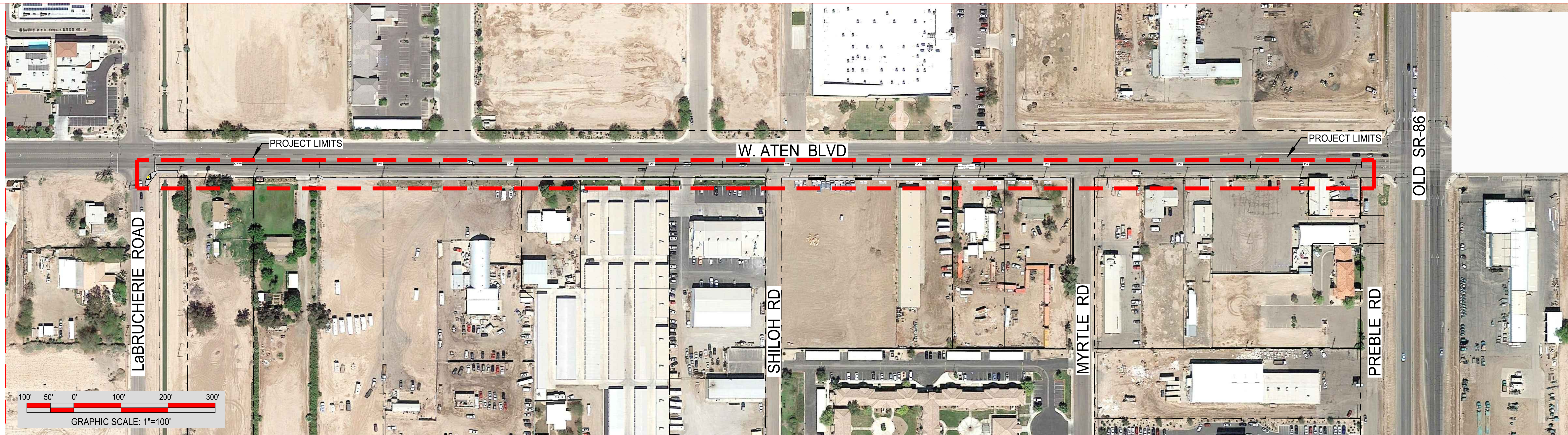
DATE SUBMITTED 07/26/17  
 SUBMITTED BY COMMUNITY DEVELOPMENT DIRECTOR  
 DATE ACTION REQUIRED 08/02/17

COUNCIL ACTION  (X)  
 PUBLIC HEARING REQUIRED  ( )  
 RESOLUTION  ( )  
 ORDINANCE 1<sup>ST</sup> READING  ( )  
 ORDINANCE 2<sup>ND</sup> READING  ( )  
 CITY CLERK'S INITIALS 

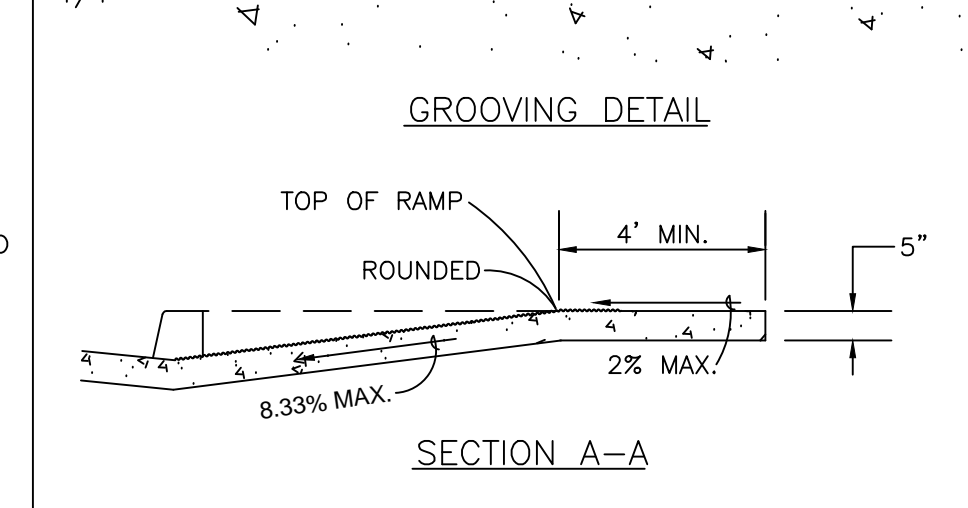
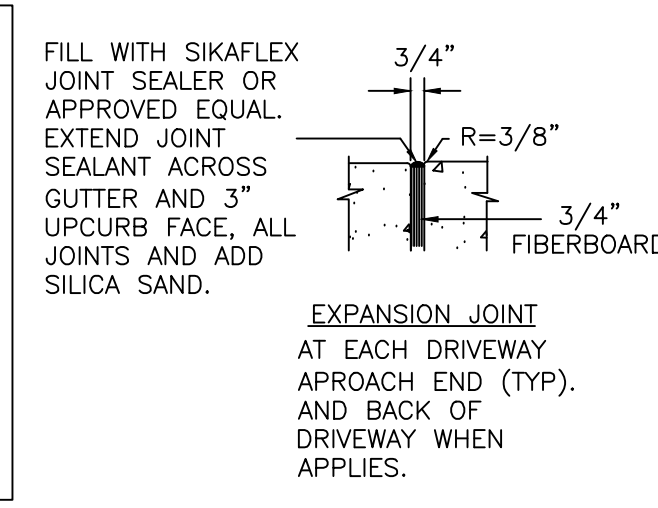
**IMPERIAL CITY COUNCIL  
 AGENDA ITEM**

SUBJECT:	DISCUSSION/ACTION: ATEN BOULEVARD SIDEWALK PROJECT FROM LaBRUCHERIE ROAD TO OLD SR-86 1. AUTHORIZATION TO SEEK BIDS		
DEPARTMENT INVOLVED:			
BACKGROUND/SUMMARY:	<p>It's being proposed to construct new concrete sidewalk, driveway approaches and handicap ramps along the south side of Aten Boulevard from LaBrucherie Road to Old SR-86.  <i>See Exhibit 1 attached hereto for details.</i></p> <p>This section of the Aten Boulevard currently has not been improved with this important pedestrian infrastructure.</p> <p>The work to be done consists of furnishing all materials, equipment, tools, and labor for the construction new concrete sidewalk, driveway approaches and handicap ramps and road traffic control around the construction zones.</p> <p>The estimated cost is approximately \$ 272,854.00</p>		
FISCAL IMPACT: \$ 272,854.00 (estimated)			F.O. INITIALS: _____
from Local Transportation.			
STAFF RECOMMENDATION:	Staff recommends authorization to seek bids.		
MANAGER'S RECOMMENDATION:	MANAGER'S INITIALS		
MOTION:			
SECONDED;	APPROVED <input type="checkbox"/> ( )	REJECTED <input type="checkbox"/> ( )	
AYES:	DISAPPROVED <input type="checkbox"/> ( )	DEFERRED <input type="checkbox"/> ( )	
NAYES:			
ABSENT:	REFERRED TO:		





- NOTES:**
- 1.- SUBGRADE TO BE 12" COMPACTED TO 90% OF MAXIMUM DENSITY AND MAINTAIN A MOISTURE CONTENT OF (18% ± 2%) FOR ALL LOCATIONS UNDERNEATH CONCRETE.
  - 2.- WEAKENED PLANE JOINTS REQUIRED ON DRIVEWAY CENTER LINE.
  - 3.- WIDTH AND LOCATION AS DIRECTED BY OWNER AND APPROVED BY THE CITY ENGINEER OR HIS REPRESENTATIVE.
  - 4.- ENCROACHMENT PERMIT IS REQUIRED BY THE CITY OF IMPERIAL PLANNING AND DEVELOPMENT DEPT. FOR ALL NEW DRIVEWAY APPROACHES. FOR FUTURE MAINTENANCE OF DRIVEWAY APPROACH AND SIDEWALK IS THE RESPONSIBILITY OF FRONTING LANDOWNER.
  - 5.- ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING USE, TO ADEQUATELY INSURE PUBLIC SAFETY.
  - 6.- 6"x6"x10/10 W.W.M. CAN BE INSTALLED INSTEAD OF #3 REBARS ON EXISTING DRIVEWAYS TO BE REPLACED, FOR RESIDENTIAL USE ONLY.
  - 7.- COMPACTION TEST FOR CLASS II BASE AND HUMIDITY TEST FOR SUBGRADE AT ALL NEW DRIVEWAY APPROACHES ARE REQUIRED BY THE CITY OF IMPERIAL WITH NO EXCEPTIONS.



- NOTES:**
- 1.- THE RAMP SHALL HAVE A 12" WIDE BORDER WITH 1/4" GROOVES APPROXIMATELY 3/4" IN CENTER. SEE GROOVING DETAIL. THE SURFACE OF RAMP SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK EXCEPT WHEN LOCATED IN CENTER OF CURB RETURN.
  - 2.- WHEN RAMP IS LOCATED IN CENTER OF CURB RETURN, IT SHALL BE GROOVED IN A HERRINGBONE PATTERN WITH 1/4" GROOVES APPROXIMATELY 1-1/2" ON CENTER. SEE GROOVING DETAIL. GROOVES SHALL BE ALIGNED PARALLEL TO CROSSWALK LINES OR PARALLEL TO THE PROLONGATION OF CURBS WHEN THERE ARE NO CROSSWALK LINES.
  - 3.- ACCESS RAMP SHALL BE CONSTRUCTED WITH 5" THICK OVER 8" OF CLASS II AGGREGATE BASE.
  - 4.- RAMP LOCATED OTHER THAN SHOWN, SHALL BE APPROVED BY THE CITY ENGINEER.
  - 5.- EXPANSION JOINTS TO BE INSTALLED AT BOTH RAMP ENDS.
  - 6.- HANDICAP RAMP AND CURB SHALL NOT BE POURED MONOLITHIC.
  - 7.- SUBGRADE TO BE 8" COMPACTED 90% OF ASTM D1557 MAXIMUM DRY DENSITY AND MAINTAIN A MOISTURE CONTENT OF (18% ± 2%) FOR ALL LOCATIONS UNDERNEATH CONCRETE.
  - 8.- USE 2" OF SAND FOR LEVELING (FINE GRADING) GRADE.
  - 9.- ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING ITS USE, TO ADEQUATELY ENSURE PUBLIC SAFETY.
  - 10.- HANDICAP RAMP SHALL BE CLASS "B" CONCRETE WHICH SHALL ATTAIN A 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI IN ACCORDANCE WITH ASTM C39/C39M-99 AND SHALL CONTAIN 1-1/2 LBS. OF POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBERMESH CO., FORTA MONO, O.A.E.

- NOTES:**
- 1.- EXPANSION JOINTS TO BE INSTALLED AT ALL B.C.'S, E.C.'S, CURB RETURNS AND STRUCTURES IN ADDITION TO @ 40' O.C.
  - 2.- SIDEWALK AND CURB SHALL NOT BE POURED MONOLITHIC.
  - 3.- SUBGRADE TO BE 6" COMPACTED 90% OF ASTM D1557 MAXIMUM DRY DENSITY AND MAINTAIN A MOISTURE CONTENT OF (18% ± 2%) FOR ALL LOCATIONS UNDERNEATH CONCRETE.
  - 4.- USE 2" OF SAND FOR LEVELING (FINE GRADING) GRADE.
  - 5.- ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING ITS USE, TO ADEQUATELY ENSURE PUBLIC SAFETY.
  - 6.- CONTIGUOUS SIDEWALK SHALL BE CLASS "B" CONCRETE WHICH SHALL ATTAIN A 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI IN ACCORDANCE WITH ASTM C39/C39M-99 AND SHALL CONTAIN 1- LBS. OF POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBERMESH CO., FORTA MONO, O.A.E.
  - 7.- HUMIDITY TEST FOR ALL NEW SIDEWALKS ARE REQUIRED BY THE CITY OF IMPERIAL WITH NO EXCEPTIONS.

D1 - PCC DRIVEWAY APPROACH DETAIL

D2 - HANDICAP RAMP DETAIL

D3 - PCC CONTINUOUS SIDEWALK DETAIL

NO.	REVISIONS:	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans.  
All changes to the plans must be in writing and must be approved by the preparer of these plans.



**CITY OF IMPERIAL**  
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Imperial, CA 92251  
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**EXHIBIT 1**

COMMUNITY DEVELOPMENT DEPARTMENT	SHEET
P.C.C SIDEWALK PROJECT	<b>1</b>
ALONG W. ATEN BLVD.	
FROM LaBRUCHERIE ROAD TO OLD SR-86	
DATE: 06/19/2017	OF <b>1</b> SHEETS