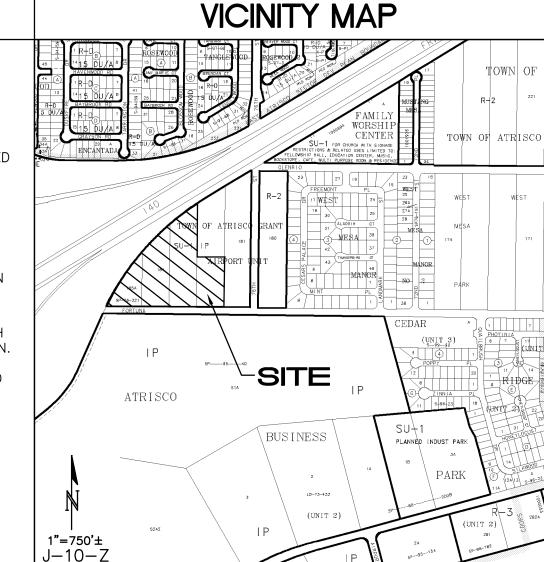


CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	CHORD BEARING	DELTA
C1	280.90'	1332.40'	140.97'	280.38'	S32*25'39"W	12*04'46"
C2	717.35	2642.50'	360.89'	715.15'	S46°13'14"W	15*33'14"

GENERAL NOTES

- A. COORDINATE WORK WITH SITE PLAN, UTILITY PLAN AND LANDSCAPE PLAN.
- B. ALL TRASH, DEBRIS, & SURFACE VEGETATION SHALL BE CLEARED AND LEGALLY DISPOSED OF.
- C. ALL SUBGRADE, OVEREXCAVATION, AND FILL SHALL BE PLACED AND / OR COMPACTED PER THE GEOTECHNICAL REPORT AND CITY OF ALBUQUERQUE SPECIFICATIONS.
- D. FINAL GRADES SHOWN REPRESENT TOP OF FINISH MATERIAL (I.E. TOP OF CONCRETE, TOP OF CONCRETE BUILDING PAD, TOP OF PAVEMENT MATERIAL, TOP OF LANDSCAPING MATERIAL, ETC.). CONTRACTOR SHALL GRADE, COMPACT SUBGRADE AND DETERMINE EARTHWORK ESTIMATES BASED ON ELEVATIONS SHOWN MINUS FINISH MATERIAL THICKNESSES.
- E. EXISTING UTILITY LINES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND MAY BE INCOMPLETE OR OBSOLETE. SUCH LINES MAY OR MAY NOT EXIST WHERE SHOWN OR NOT SHOWN. CONTRACTOR SHALL CONTACT NM-811 FOR UTILITY LINE SPOTS TWO WORKING DAYS PRIOR TO CONDUCTING SITE FIELD WORK. CONTRACTOR SHALL FIELD VERIFY AND LOCATE ALL UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES.
- F. THE ENVIRONMENTAL PROTECTION AGENCY (EPA) AND THE CITY OF ALBUQUERQUE REQUIRE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP), AN NDPES PERMIT, AND AN EROSION AND SEDIMENT CONTROL (ESC) PERMIT FOR PROJECTS WHERE CONSTRUCTION ACTIVITIES MEET THE EPA THRESHOLD. (SWPPP, NPDES PERMIT, AND ESC PLAN BY OTHERS.) A CITY-APPROVED ESC PERMIT MUST BE INCLUDED WITH THE CONTRACTOR'S SUBMITTAL FOR A ROUGH GRADING, GRADING, PAVING, BUILDING, OR WORK ORDER PERMIT.
- G. ADJUST RIMS OF EXISTING UTILITY FEATURES AS NECESSARY TO MATCH NEW GRADES, TYPICAL.
- H. ALL FRACTURED FACE ROCK (F.F. ROCK) TO BE 6" AVG. DIA. ANGULAR FACED ROCK PLACED OVER GEOTEX 501 NON-WOVEN GEOTEXTILE (O.E.).
- ENGINEER RECOMMENDS THAT OWNER MAINTAIN EROSION PROTECTION ELEMENTS. ENGINEER RECOMMENDS THAT OWNER INSPECT SITE YEARLY AND AFTER EACH RAINFALL TO IDENTIFY NEW AREAS OF EROSION AND INSTALL ADDITIONAL EROSION PROTECTION AS NEEDED BASED ON ACTUAL OCCURRENCES.



PROJECT DATA

LEGAL DESCRIPTION:

PORTION OF TRACT 182, TRACT 183, 184 AND 185-A-1, TOWN OF ATRISCO GRANT AIRPORT UNIT, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

SITE AREA: 8.86 ACRES

FLOOD ZONE: PER FEMA MAP 35001C0326H, THE SITE FALLS WITHIN FLOODZONE X DESIGNATED AS AREAS OUTSIDE THE 0.2-PERCENT-ANNUAL-CHANCE

FLOODPLAIN

ÅSA NILSSON-WEBER, P.E. ISAACSON & ARFMAN, P.A. 128 MONROE ST NE, ABQ. NM 87108

PHONE: (505) 268-8828

SURVEYOR: SURV-TEK CONSULTING SURVEYORS 9384 VALLEY VIEW DRIVE, N.W. ALBUQUERQUE, NEW MEXICO 87114

ALBUQUERQUE CONTROL SURVEY BENCHMARK

PHONE (505) 897-3366 BENCHMARK: VERTICAL DATUM IS BASED UPON THE

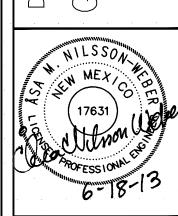
> "4-J9" HAVING A PUBLISHED ELEVATION = 5170.718 (NAVD 88)

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REVISIONS

KENWORTH INLAND

Z DRAINAG TITLE: G & GRADING DRAWING



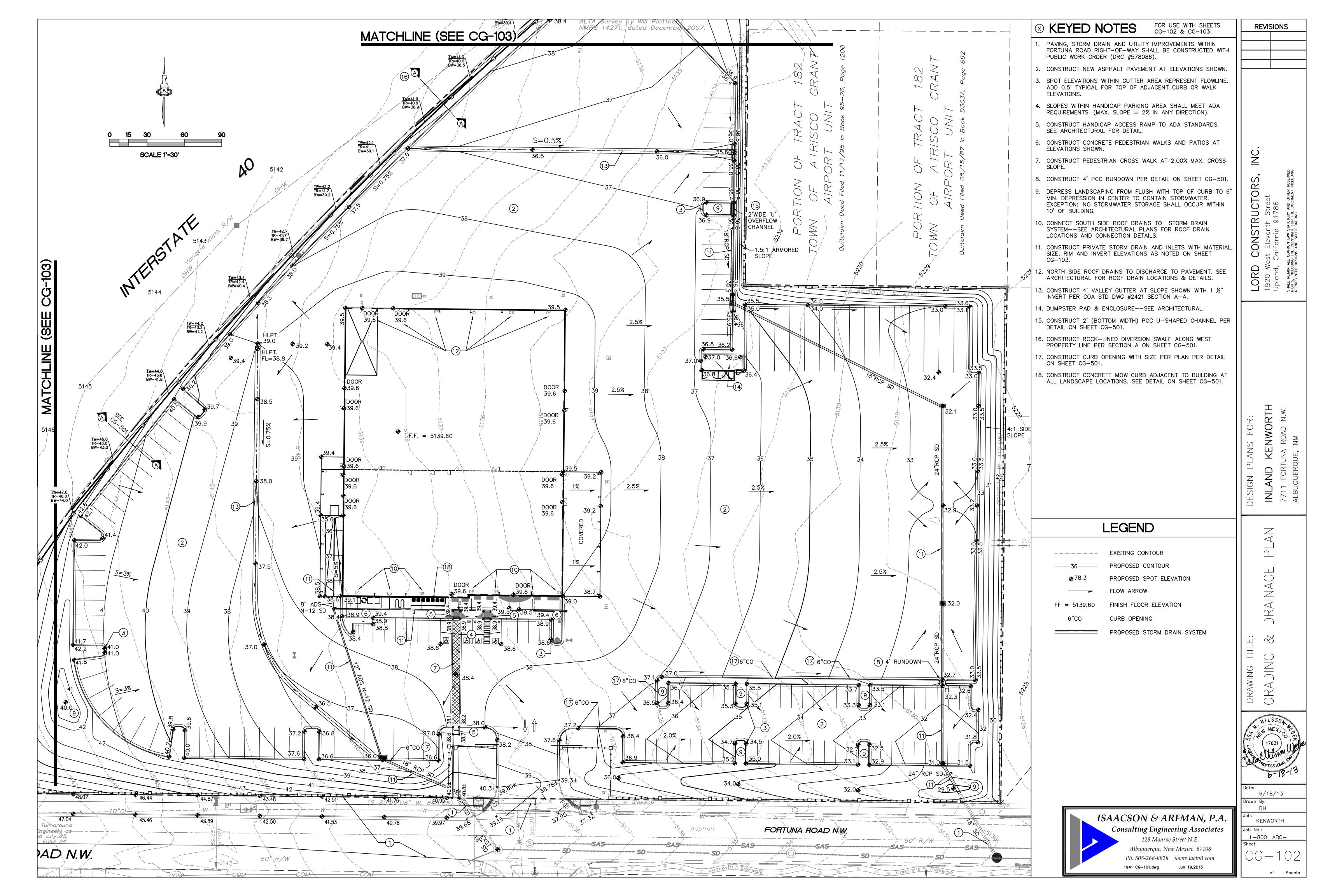
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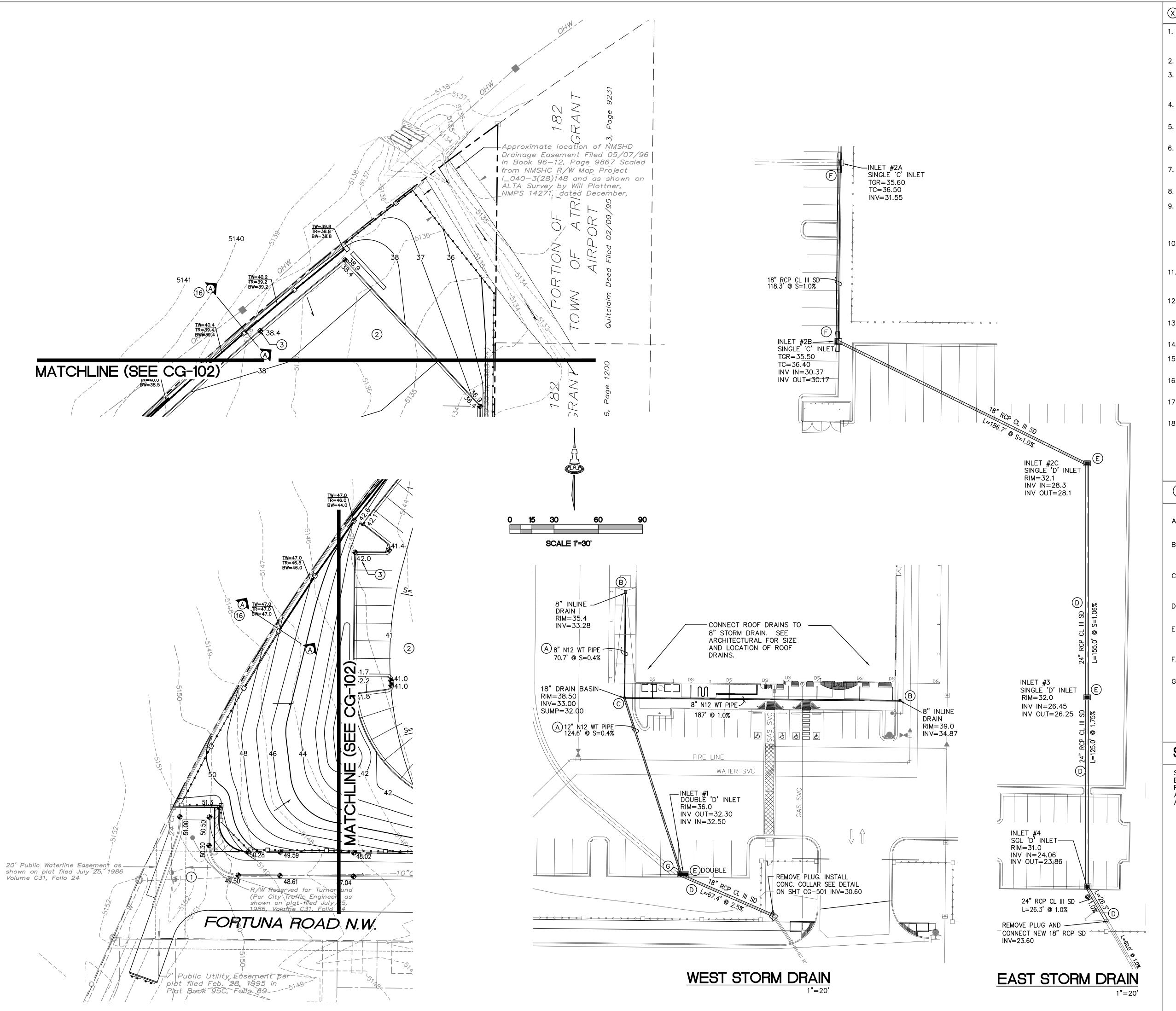
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L-800 ABC-

1941 CG-101.dwg Jun 19,2013

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★ KEYED NOTES
 FOR USE WITH SHEETS
 CG-102 & CG-103

- 1. PAVING, STORM DRAIN AND UTILITY IMPROVEMENTS WITHIN FORTUNA ROAD RIGHT-OF-WAY SHALL BE CONSTRUCTED WITH PUBLIC WORK ORDER (DRC #578086).
- 2. CONSTRUCT NEW ASPHALT PAVEMENT AT ELEVATIONS SHOWN.
- 3. SPOT ELEVATIONS WITHIN GUTTER AREA REPRESENT FLOWLINE. ADD 0.5' TYPICAL FOR TOP OF ADJACENT CURB OR WALK ELEVATIONS.
- 4. SLOPES WITHIN HANDICAP PARKING AREA SHALL MEET ADA REQUIREMENTS. (MAX. SLOPE = 2% IN ANY DIRECTION).
- 5. CONSTRUCT HANDICAP ACCESS RAMP TO ADA STANDARDS. SEE ARCHITECTURAL FOR DETAIL.
- 6. CONSTRUCT CONCRETE PEDESTRIAN WALKS AND PATIOS AT ELEVATIONS SHOWN.
- CONSTRUCT PEDESTRIAN CROSS WALK AT 2.00% MAX. CROSS
- 8. CONSTRUCT 4' PCC RUNDOWN PER DETAIL ON SHEET CG-501.
- 9. DEPRESS LANDSCAPING FROM FLUSH WITH TOP OF CURB TO 6" MIN. DEPRESSION IN CENTER TO CONTAIN STORMWATER. EXCEPTION: NO STORMWATER STORAGE SHALL OCCUR WITHIN
- 10. CONNECT SOUTH SIDE ROOF DRAINS TO STORM DRAIN SYSTEM——SEE ARCHITECTURAL PLANS FOR ROOF DRAIN LOCATIONS AND CONNECTION DETAILS.

10' OF BUILDING.

- 11. CONSTRUCT PRIVATE STORM DRAIN AND INLETS WITH MATERIAL,
 SIZE, RIM AND INVERT ELEVATIONS AS NOTED ON SHEET
- 12. NORTH SIDE ROOF DRAINS TO DISCHARGE TO PAVEMENT. SEE ARCHITECTURAL FOR ROOF DRAIN LOCATIONS & DETAILS.
- 13. CONSTRUCT 4' VALLEY GUTTER AT SLOPE SHOWN WITH 1 $\frac{1}{2}$ " INVERT PER COA STD DWG #2421 SECTION A-A.
- 14. DUMPSTER PAD & ENCLOSURE——SEE ARCHITECTURAL.
- 15. CONSTRUCT 2' (BOTTOM WIDTH) PCC U-SHAPED CHANNEL PER DETAIL ON SHEET CG-501.
- 16. CONSTRUCT ROCK-LINED DIVERSION SWALE ALONG WEST PROPERTY LINE PER SECTION A ON SHEET CG-501.
- 17. CONSTRUCT CURB OPENING WITH SIZE PER PLAN PER DETAIL ON SHEET CG-501.
- 18. CONSTRUCT CONCRETE MOW CURB ADJACENT TO BUILDING AT ALL LANDSCAPE LOCATIONS. SEE DETAIL ON SHEET CG-501.

○ KEYED STORM DRAIN NOTES

- A. INSTALL ADS N-12WT WATERTIGHT O.A.E. STORM DRAIN PER MANUFACTURER'S SPECIFICATIONS WITH SIZE PER PLAN.
- B. INSTALL INLINE DRAIN WITH 15"X15" TRAFFIC—RATED COVER PER DETAIL ON SHEET CG—501 AND PER MANUFACTURER'S RECOMMENDATIONS.
- C. INSTALL NYLOPLAST DRAIN BASIN WITH 18"X18" TRAFFIC-RATED COVER PER DETAIL ON SHEET CG-501 AND PER MANUFACTURER'S RECOMMENDATIONS.
- D. INSTALL RCP CLASS III STORM DRAIN PER COA STD SPECIFICATIONS WITH SIZE PER PLAN.
- E. INSTALL TYPE 'D' INLET PER COA STD DWG #2206 WITH FRAME AND GRATE PER COA STD DWG #2216 & #2220. SINGLE OR DOUBLE GRATE AS NOTED ON PLAN.
- F. INSTALL TYPE 'C' SINGLE INLET PER COA STD DWG #2205 WITH FRAME AND GRATE PER COA STD DWG #2216 & #2220.
- G. CONNECT N12 WT PIPE TO CONCRETE INLET WITH WATER STOP STRUCTURE CONNECTOR.

STORM DRAIN MAINTENANCE NOTE

STORM DRAIN SYSTEM WILL REQUIRE REGULAR MAINTENANCE TO ENSURE PROPER FUNCTIONING DURING STORM EVENTS. ENGINEER RECOMMENDS THAT PROPERTY OWNER PUT IN PLACE INSPECTION AND MAINTENANCE CRITERIA SCHEDULED TO OCCUR MONTHLY AND AFTER EACH STORM EVENT.

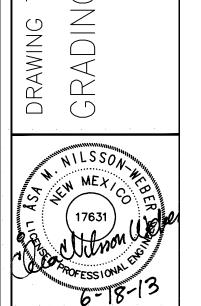
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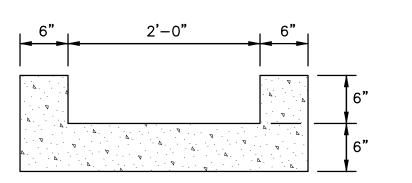
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Date: 6/18/13 Drawn By: DH

Job: KENWORTH Job No.:

L-800 ABC-Sheet:

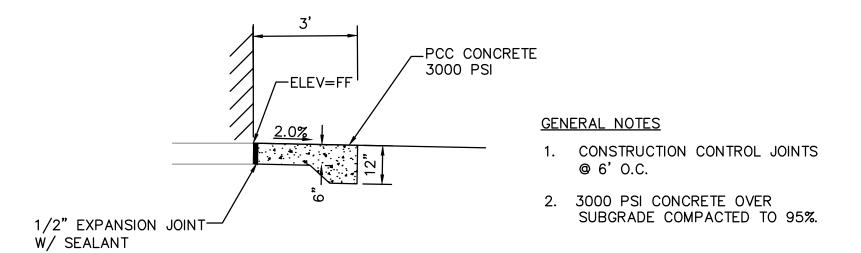
of Sheets



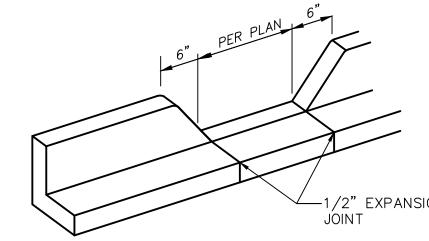
GENERAL NOTES

- 1. EDGES SHOULD BE REMOVED WITH 3/8" EDGING TOOL.
- 2. 3000 PSI CONCRETE OVER SUBGRADE COMPACTED TO 95%.
- 3. CONSTRUCTION CONTROL JOINTS @ 6' O.C.

'U' SHAPED PCC CHANNEL



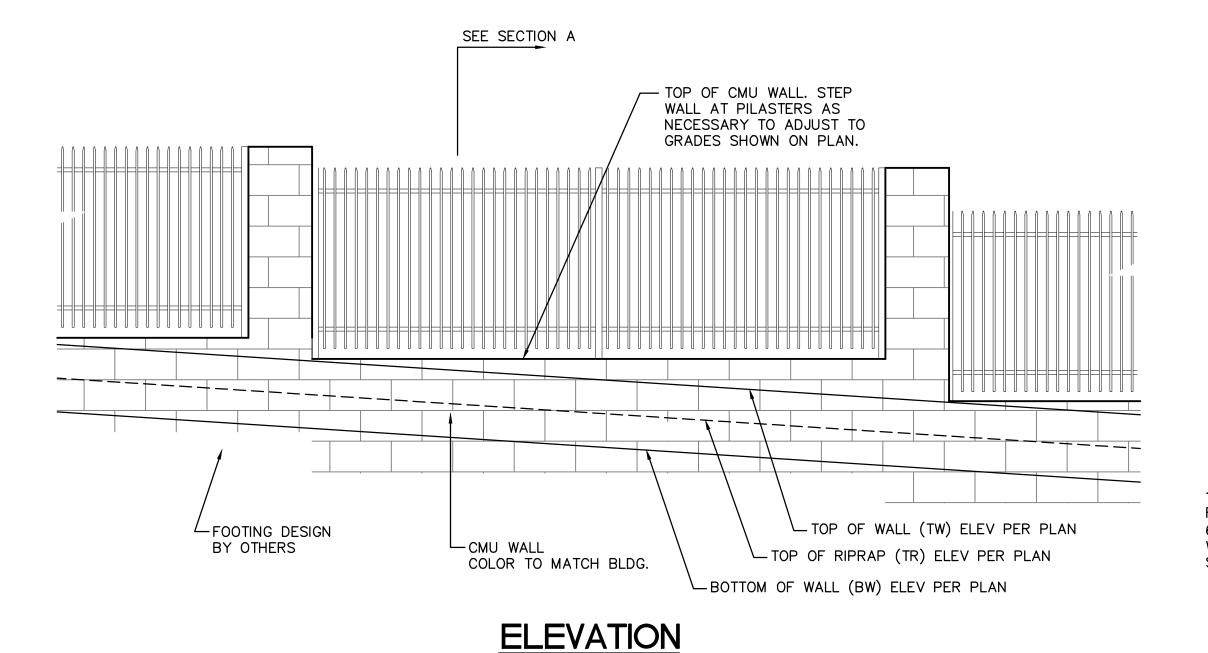
MOW CURB ADJACENT TO BUILDING



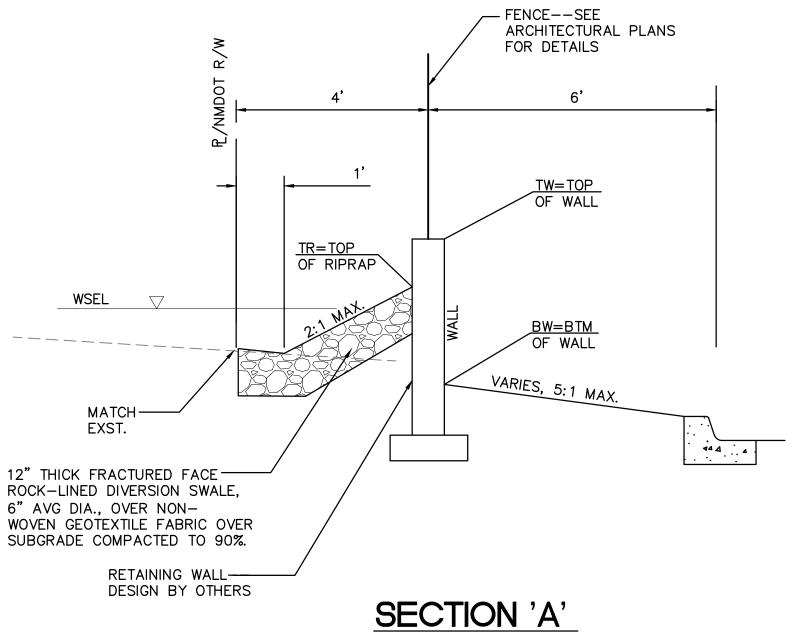
GENERAL NOTES

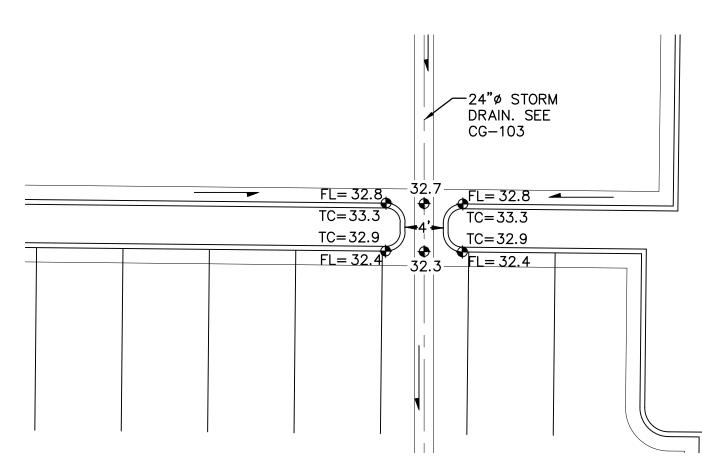
- 1. EDGES NOT SPECIFICALLY DIMENSIONED SHALL BE SHAPED WITH

SCALE: N.T.S.



WROUGHT IRON FENCE W/ CMU RTG WALL ELEVATION AND SECTION





4' PCC RUNDOWN

ALONG WEST PROPERTY LINE

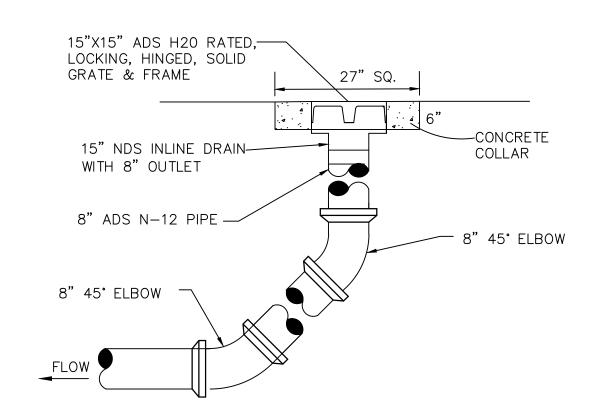
-INSTALL 2 LF OF 18" SD
PIPE TO ALLOW ACCESS
FOR GROUTING INTERIOR OF SAWCUT PIPES AND
MATCH ENDS. GROUT
INTERIOR OF PIPE JOINT
WITH NON-SHRINK GROUT A. 2-#4 BARS W/ 3" CLEARANCE B. 6-#4 BARS W/ 3" CLEARANCE

NOTE:
24 HRS PRIOR TO POURING CONCRETE
COLLAR, CONTRACTOR SHALL NOTIFY
ENGINEER FOR INSPECTION.

CONCRETE COLLAR

18"X18" ADS H20 RATED, — LOCKING, HINGED, SOLID GRATE & FRAME 18" NYLOPLAST CONCRETE -COLLAR <u>SECTION</u>

ADS NYLOPLAST BASIN



ADS NYLOPLAST INLINE DRAIN

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REVISIONS

CONSTRUCTORS, est Eleventh Street California 91786

KENWORTH

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L-800 ABC-

-1/2" EXPANSION JOINT

A 3/8" EDGING TOOL.

2. PROVIDE SMOOTH SURFACE ON BACK SIDE OF EXPOSED CURB.

3. 3000 PSI CONCRETE.

CURB OPENING

1"=10'

NTS