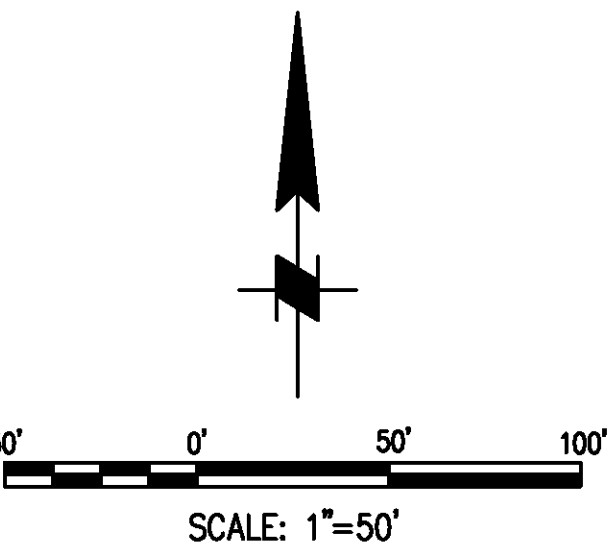


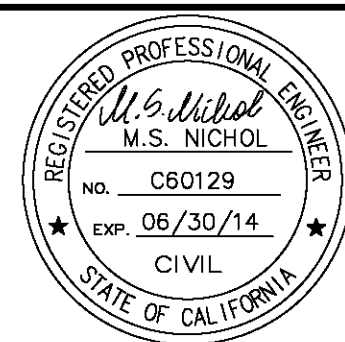
**ASBUILT**  
BID NO. 7185  
COMPLETION DATE 03/25/2016  
R.E. NAME DAVID HATCH



DRAWING NAME: \\netcpl002\lb\_projects\318 lb\3\CADD\Sheet\STORM DRAIN\335501.D001.dwg  
PLOT DATE: Sep 27, 2016 - 9:24am PLOTTED BY: dlegh

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**MOFFATT & NICHOL**  
3780 KILROY AIRPORT WAY, SUITE 600  
LONG BEACH, CALIFORNIA, 90806  
562-426-9551



MARK	REVISIONS	APPR.	DATE
DESIGNED BY	RW	DRAWN BY	TP
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UPRR BRIDGE 55.54 LOS ANGELES SUB  
**CITY OF RIVERSIDE, CALIFORNIA**  
**PUBLIC WORKS DEPARTMENT**  
**RIVERSIDE AVE UNDERPASS**  
**DRAINAGE KEY SHEET D-1**  
HORIZ. SCALE: AS SHOWN VERT. SCALE: AS SHOWN

ACCT. NO. -  
W.O. NO. -  
**D-866**  
SHEET 45 OF 146  
FILE NO.

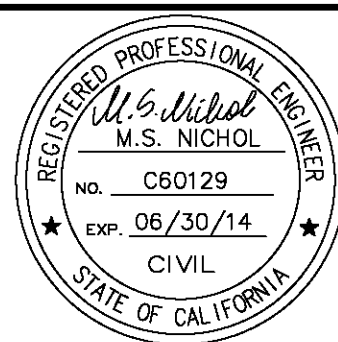
GENERAL NOTES:

1. NO PERSON SHALL CONSTRUCT ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
  2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
  3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
  4. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY (THIS NOTE REQUIRED ON ALL PLANS)
  5. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
  6. WHEN A PORTION OF THE WORK IS TO BE DONE BY THE CITY, THE CONTRACTOR SHALL GIVE THE CITY 60-DAYS NOTICE SO THAT THE CONTRACTOR'S WORK AND THE CITY'S WORK CAN BE PROPERLY COORDINATED. THE CONTRACTOR SHALL PREPARE AND COMPACT THE SUBGRADE TO ELEVATIONS WITHIN  $\pm .1'$  OF THE DESIGN ELEVATIONS SHALL BE RESPONSIBLE FOR THE CONDITION OF THE SUBGRADE UNTIL ACCEPTED BY THE CITY. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ANY BARRICADING DURING THIS TIME.
  7. THE CONTRACTOR SHALL CONTACT THE PUBLIC WORKS DEPARTMENT 30 DAYS PRIOR TO BEGINNING CONSTRUCTION TO NEGOTIATE THE COST OF THE CITY'S PORTION OF THE WORK.
  8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
  9. WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
  10. CONSTRUCT DRIVEWAY APPROACHES PER STANDARD DRAWING 302. EXACT SIZE AND LOCATION TO BE STAKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION OF THE CURB AND CUTTER.
  11. STREET OPENING PERMIT FOR CONSTRUCTION AND/OR MODIFICATION OF TRAFFIC SIGNAL FACILITIES IS REQUIRED.
  12. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
  13. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
  14. STREET IMPROVEMENT WORK THAT WILL CAUSE DAMAGE TO THE DETECTOR LOOP(S) SHALL NOT BE PERFORMED UNTIL TRAFFIC SIGNAL MAINTENANCE PERSONNEL HAVE BEEN NOTIFIED AND THE NECESSARY TIMING ADJUSTMENTS ARE MADE TO MAINTAIN SIGNAL OPERATION.
  15. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
  16. EXISTING UTILITIES SHOWN ON THESE PLANS ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA). PHONE #1-800-227-2600 OR 1-800-422-4133. TWO WORKING DAYS BEFORE DIGGING. SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES.
  17. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
  18. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
  19. A PLUG SHALL BE INSTALLED AND WILL REMAIN IN PLACE WHERE THE NEW SEWER CONNECTS WITH THE EXISTING SEWER UNTIL THE NEW SEWER IS ACCEPTED BY THE CITY.
  20. CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
  21. CONTRACTOR TO GIVE RCFC 5-DAYS WRITTEN NOTICE PRIOR TO STARTING WORK ON STORM DRAIN (OR DOING ANY WORK WITH RCFC EASEMENTS). RCFC ENCROACHMENT PERMIT NO. \_\_\_\_\_
  22. IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND PLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.
  23. ALL ELEVATIONS AND OFFSET SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD AND VERIFIED PRIOR TO CONSTRUCTION. ALL ELEVATIONS, OFFSETS, AND DIMENSIONS SHOWN FOR RETAINING WALLS AND DRIVEWAYS ON OR ADJACENT TO PRIVATE PROPERTY SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
  24. PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS "A" CONTRACTORS LICENSE.
  25. PRIOR TO ISSUANCE OF GRADE SHEETS FOR ANY PROPOSED SEWER AND STORM DRAIN FACILITIES CONTRACTOR SHALL EXPOSE ALL UTILITIES WHICH CROSS OR MAY BE IN CONFLICT WITH THE PROPOSED SEWER AND STORM DRAIN FACILITIES AND COORDINATE WITH THE INSPECTOR TO HAVE THE LOCATION AND ELEVATION VERIFIED BY CITY'S/CONTRACTOR'S SURVEYORS.
  26. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS AND THE SPECIFICATIONS FOR THIS CONTRACT.
  27. ALL CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED AND COORDINATED THROUGH THE ENGINEER, INCLUDING THE VARIOUS COMPANIES, AGENCIES AND OTHER CONTRACTORS WHO MAY BE AFFECTED BY THIS WORK. ALL REQUIRED PERMITS INCLUDING RAILROAD RIGHT-OF-WAY PERMITS NEEDED FOR THE WORK SHALL BE OBTAINED BY THE CONTRACTOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL COMPLY WITH ALL RAILROAD OCCUPANCY REQUIREMENTS, INCLUDING INSURANCE REQUIREMENTS, REQUIRED SAFETY TRAINING AND USE OF AND PAYMENT FOR RAILROAD FLAGMEN.
  28. HORIZONTAL AND VERTICAL CONTROL POINTS FOR THE TRACK LAYOUT ARE IDENTIFIED IN THE CONTRACT DOCUMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UTILIZE THESE CONTROL POINTS TO ASSURE THAT ALL FACILITIES INCLUDED IN THIS PROJECT ARE CONSTRUCTED AT CORRECT VERTICAL AND HORIZONTAL LOCATIONS.
  29. SUBGRADE BELOW TRACK (I.E. WITHIN 14' OF THE CENTERLINE OF TRACK), SHALL BE COMPACTED TO 95% OF THE MAXIMUM PROCTOR DENSITY. ALL OTHER SUBGRADE WORK SHALL BE COMPACTED TO A MINIMUM OF 90% OF THE MAXIMUM PROCTOR DENSITY.
  30. POSITIVE DRAINAGE MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION TO PREVENT PONDING OF WATER.
  31. THE CONTRACTOR SHALL COMPLY WITH THE STATE OF CALIFORNIA NPDES PERMIT REGARDING THE TREATMENT OF WATER BEFORE DISCHARGING OFF THE UPRR R/W.
  32. THE CONTRACTOR SHALL PROTECT ALL UPRR SIGNAL FACILITIES IN PLACE. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS FOR CONFLICTS WITH EXISTING UTILITIES. SIGNAL CABLES/EQUIPMENT AND/OR OTHER ITEMS THAT MIGHT IMPAIR CONSTRUCTION ACTIVITIES. INCONSISTENCIES FOUND SHALL BE REPORTED TO THE ENGINEER.
  33. REPAIRS TO FACILITIES INTENDED TO REMAIN IN PLACE SHALL BE MADE BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE UNLESS OTHERWISE STATED IN THE CONTRACT DOCUMENTS OR BY THE ENGINEER.
  34. ALL EXCAVATED WASTE MATERIAL SHALL BE IMMEDIATELY REMOVED FROM THE SITE. ON SITE STORAGE OF EXCAVATED WASTE MATERIAL SHALL NOT BE PERMITTED AT ANY TIME. SUITABLE EXCAVATED MATERIAL SHALL BE STOCKPILED PER APPROVAL BY THE ENGINEER.
  35. ON-SITE CONSTRUCTION BY OTHERS, INCLUDING ROUTINE MAINTENANCE WORK, (UPRR FORCES, UPRR SIGNAL CONTRACTOR, SCORRA, UTILITIES, ETC.) MAY OCCUR DURING THE CONSTRUCTION PERIOD OF THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE ACTIVITIES THROUGH THE ENGINEER SO AS TO MINIMIZE INTERFERENCE WITH OTHERS.
  36. PRIOR TO COMMENCING WORK, ALL EXISTING SITE CONDITIONS SHALL BE FIELD VERIFIED WITH THE ENGINEER TO ASCERTAIN THE LIMITS OF WORK ACTIVITIES. THE CONTRACTOR SHALL SUBMIT AND RECEIVE THE ENGINEER'S APPROVAL OF THE CONTRACTOR'S PROJECT SCHEDULE AND OPERATIONS PLAN. EACH ITEM OF WORK SHALL BE DESCRIBED AND ACCOUNTED FOR IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR FURTHER INFORMATION REGARDING SUBMITTAL REQUIREMENTS.
  37. RAIL TRAFFIC DISRUPTIONS SHALL BE KEPT TO A MINIMUM, DISRUPTIONS IN RAIL TRAFFIC THAT MAY BE REQUIRED SHALL BE COORDINATED WITH THE ENGINEER BEFOREHAND. NO SUCH WORK SHALL BE COMMENCED WITHOUT THE ENGINEER'S APPROVAL WORK AFFECTING SCORRA COMMUTER TRAIN OPERATIONS AND UPRR FREIGHT TRAFFIC MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
  38. THE CONTRACTOR SHALL NOT PLACE MATERIAL AND/OR EQUIPMENT WITHIN 25 FEET OF ANY TRACK AT ANY TIME WITHOUT PRIOR APPROVAL OF THE ENGINEER.
  39. EXISTING RAILROAD SIGNAGE (INCLUDING SPEED SIGNS) SHALL BE MAINTAINED DURING THE CONSTRUCTION PERIOD. ALL RAILROAD SIGNAGE SHALL BE FULLY RESTORED UPON COMPLETION OF EACH DAY'S WORK IN ACCORDANCE WITH UPRR ENGINEERING STANDARDS. PRIOR TO CONSTRUCTION, NO TRESPASSING SIGNS SHALL BE PLACED IN ACCORDANCE WITH UPRR STD DWG Q538A AND AS SHOWN ON THE DRAWINGS.
  40. ALL WORK SHALL BE COORDINATED WITH UPRR'S SIGNAL ENGINEER, SIGNAL FORCES AND SIGNAL CONTRACTOR THROUGH THE ENGINEER. WORK SHALL BE PHASED TO EFFECT THE CONTINUED OPERATION OF EXISTING SIGNAL SYSTEM DURING CONSTRUCTION. IN NO INSTANCE MAY WORK PROCEED IN ANY AREA WITHOUT ADVANCED APPROVAL OF UPRR'S SIGNAL ENGINEER. THE CONTRACTOR SHALL LOCATE ALL SIGNAL AND COMMUNICATION CONDUITS, CABLES, WIRES, OR OTHER TRACK, TRACK BED, AND RIGHT-OF-WAY.
  41. WALKWAYS SHALL BE PLACED AS REQUIRED BY CALIFORNIA PUBLIC UTILITIES COMMISSION GENERAL ORDER NO.118 AND 260 FOR ALL NEW CONSTRUCTION. UNLESS NOTED OTHERWISE.
  42. DIMENSIONS SHOWN IN PARENTHESES INDICATED APPROXIMATE EXISTING DIMENSIONS. WHERE ELEVATIONS ARE SHOWN IN PARENTHESES AT JOIN LOCATIONS, THE CONTRACTOR SHALL VERIFY THESE ELEVATIONS PRIOR TO CONSTRUCTION AND JOIN FEATURES AT EXISTING ELEVATIONS.

# ASBUILT

BID NO. 7185COMPLETION DATE 03/25/2016

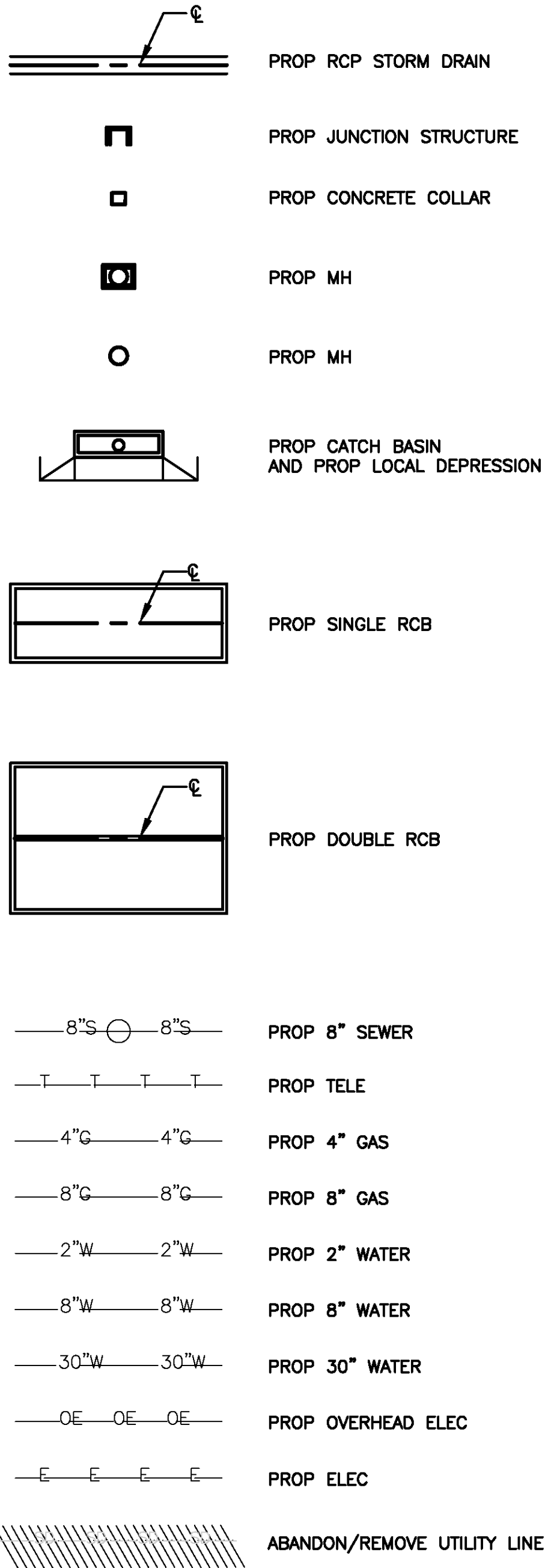
R.E. NAME DAVID HATCH



					CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT	ACCT. NO. - W.O. NO. -
					RIVERSIDE AVE UNDERPASS	D-866
					GENERAL NOTES D-2	SHEET 46 OF 146
MARK	REVISIONS	APPR.	DATE		HORIZ. SCALE: AS SHOWN VERT. SCALE: AS SHOWN	FILE NO.
DESIGNED BY	RW	DRAWN BY	TP	CHECKED BY	MSN	

DRAWING NAME: \\netcsp0602\ba\_projects\8318 1b13\CADD\Sheet\STORM DRAIN\83550\DC03.dwg  
PLOT DATE: Sep 27, 2016 — 9:24am PLOTTED BY: dclgh

LEGEND:



ABBREVIATIONS:

AVE	AVENUE
BC	BEGIN OF HORIZONTAL CURVE
CB	CATCH BASIN
CFS	CUBIC FEET PER SECOND
CIDH	CAST IN DRILLED HOLE
CL	CENTERLINE
CONTS	CONSTRUCT
DIA	DIAMETER
DEMO	DEMOLISH, DEMOLITION
DWG	DRAWING
EC	END OF HORIZONTAL CURVE
EL	ELEVATION
ELEC	ELECTRIC
ES	EXISTING SURFACE
ESMT	EASEMENT
EXIST	EXISTING
FPS	FEET PER SECOND
FS	FINISH SURFACE
H	HEIGHT
HGL	HYDRAULIC GRADE LINE
INT	INTERSECTION
INV	INVERT
JS	JUNCTION STRUCTURE
LF	LINEAL FEET
LT	LEFT
MH	MANHOLE
MIN	MINIMUM
PIP	PROTECT IN PLACE
PROP	PROPOSED
Q50	50 YEAR STORM FLOW RATE
RCB	REINFORCED CONCRETE BOX
RCFC	RIVERSIDE COUNTY FLOOD CONTROL
RCP	REINFORCED CONCRETE PIPE
RT	RIGHT
S	SLOPE
ST	STREET
STA	STATION
STD	STANDARD
UG	UNDERGROUND
UPRR	UNION PACIFIC RAILROAD
V50	50 YEAR STORM VELOCITY
W	WIDTH
WCD	WATER CONSERVATION DISTRICT
±	PLUS OR MINUS

CONSTRUCTION NOTES

- 100 CONSTRUCT CATCH BASIN (OMIT STEPS) PER CITY OF RIVERSIDE STD DRAWING NO 405
- 101 CONSTRUCT JUNCTION STRUCTURE PER CITY OF RIVERSIDE STD DRAWING NO 421
- 102 INSTALL 6" DIA SDR 35 PVC PIPE WITH BEDDING CASE 1 (NO SAND) PER CITY OF RIVERSIDE STD DRAWING NO. 452
- 103 CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD DRAWING NO 430
- 104 NOT USED
- 105 INSTALL 18" DIA RCP (D-LOAD PER PLAN), WITH BEDDING CASE 1 (NO SAND) PER CITY OF RIVERSIDE STD DRAWING NO. 452
- 106 CONSTRUCT JUNCTION STRUCTURE PER RCFC & WCD STD DRAWING NO JS226
- 107 NOT USED
- 108 CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD DRAWING NO 424
- 109 CONSTRUCT REINFORCED CONCRETE SINGLE BOX CULVERT PER CALTRANS STD PLAN D80 (SIZE PER PLAN), WITH BEDDING CASE 1 (NO SAND) PER CITY OF RIVERSIDE STD DRAWING NO. 452
- 110 CONSTRUCT REINFORCED CONCRETE DOUBLE BOX CULVERT PER CALTRANS STD PLAN D81 (SIZE PER PLAN), WITH BEDDING CASE 1 (NO SAND) PER CITY OF RIVERSIDE STD DRAWING NO. 452
- 112 INSTALL 24" DIA RCP (D-LOAD PER PLAN), WITH BEDDING CASE 1 (NO SAND) PER CITY OF RIVERSIDE STD DRAWING NO. 452
- 113 INSTALL 36" DIA RCP (D-LOAD PER PLAN), WITH BEDDING CASE 1 (NO SAND) PER CITY OF RIVERSIDE STD DRAWING NO. 452
- 114 CONSTRUCT CSP INLET PER CITY OF RIVERSIDE STD DRAWING NO 412
- 115 INSTALL 14" DIAMETER SDR 35 PVC PIPE WITH BEDDING CASE 1 (NO SAND) PER CITY OF RIVERSIDE STD DRAWING NO. 452

REMOVAL NOTES

- 54 ABANDON AND REMOVE INTERFERING PORTION OF STORM DRAIN PIPE
- 55 CUT & PLUG STORM DRAIN PIPE WITH BRICK & MORTAR
- 56 ADJUST EXISTING MANHOLE TO GRADE
- 57 REMOVE STORM DRAIN MANHOLE
- 58 REMOVE CATCH BASIN

ASBUILT

BID NO. 7185  
COMPLETION DATE 03/25/2016  
R.E. NAME DAVID HATCH

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**MOFFATT & NICHOL**  
3780 KILROY AIRPORT WAY, SUITE 600  
LONG BEACH, CALIFORNIA, 90806  
562-426-9551

REGISTERED PROFESSIONAL ENGINEER  
M.S. NICHOL  
NO. C60129  
EXP. 06/30/14  
CIVIL  
STATE OF CALIFORNIA

DESIGNED BY	RW	DRAWN BY	TP	CHECKED BY	MSN
MARK					
REVISIONS					
APPR. DATE					
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FILE NO.					

UPRR BRIDGE 55.54 LOS ANGELES SUB

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

RIVERSIDE AVE UNDERPASS

LEGEND, ABBREVIATIONS, AND CONSTRUCTION NOTES D-3

ADCT. NO. -

W.O. NO. -

D-866

SHEET 47 OF 146



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PLOT DATE: Sep 27, 2016 2:45pm PLOTTED BY: design

NOTES:

- FOR EXISTING UTILITY INFORMATION SEE THE UTILITY DISPOSITION SHEETS
- FOR OTHER PROPOSED UTILITY INFORMATION, SEE CORRESPONDING SHEETS

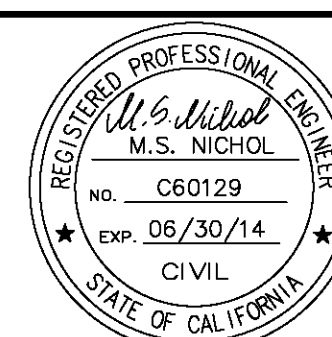
ASBUILT

BID NO. 7185  
COMPLETION DATE 03/25/2016  
R.E. NAME DAVID HATCH



**MOFFATT & NICHOL**  
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LONG BEACH, CALIFORNIA, 90806  
562-426-9551

DATE



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CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT RIVERSIDE AVE UNDERPASS DRAINAGE PLAN D-4 HORIZ. SCALE: AS SHOWN VERT. SCALE: AS SHOWN								
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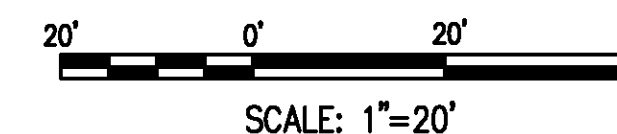
CONSTRUCTION NOTES

- 103 CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD DRAWING NO 430
- 105 INSTALL 18" DIA RCP (D-LOAD PER PLAN) WITH BEDDING CASE 1 (NO SAND) PER CITY OF RIVERSIDE STD DRAWING NO. 452
- 106 CONSTRUCT JUNCTION STRUCTURE PER RCFC & WCD STD DRAWING NO JS226
- 113 INSTALL 36" DIA RCP (D-LOAD PER PLAN) WITH BEDDING CASE 1 (NO SAND) PER CITY OF RIVERSIDE STD DRAWING NO. 452

CURVE DATA

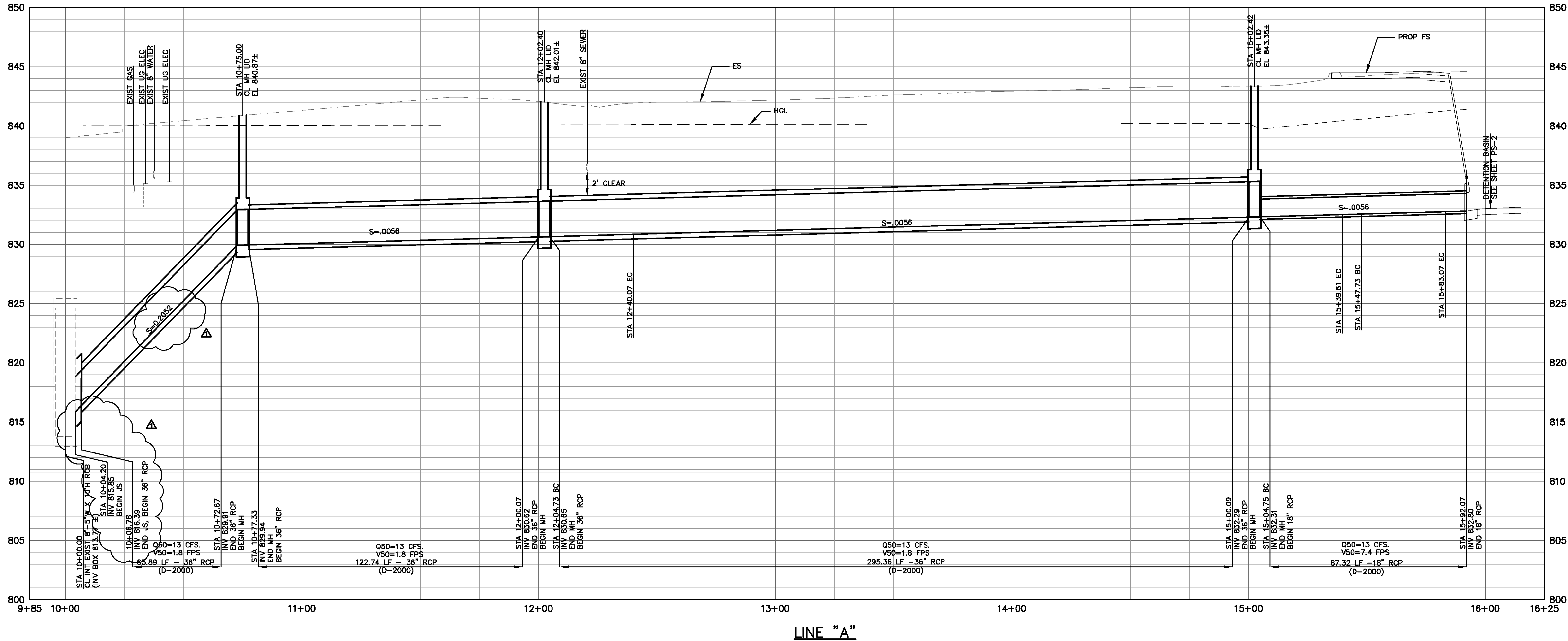
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\* BEVELED PIPE TO BE USED





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PLOT DATE: Sep 27, 2018 - 9:24am PLOTTED BY: design



<b>ASBUILT</b>	
BID NO.	<u>7185</u>
COMPLETION DATE	<u>03/25/2016</u>
R.E. NAME	<u>DAVID HATCH</u>

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562-426-9551  
DATE \_\_\_\_\_

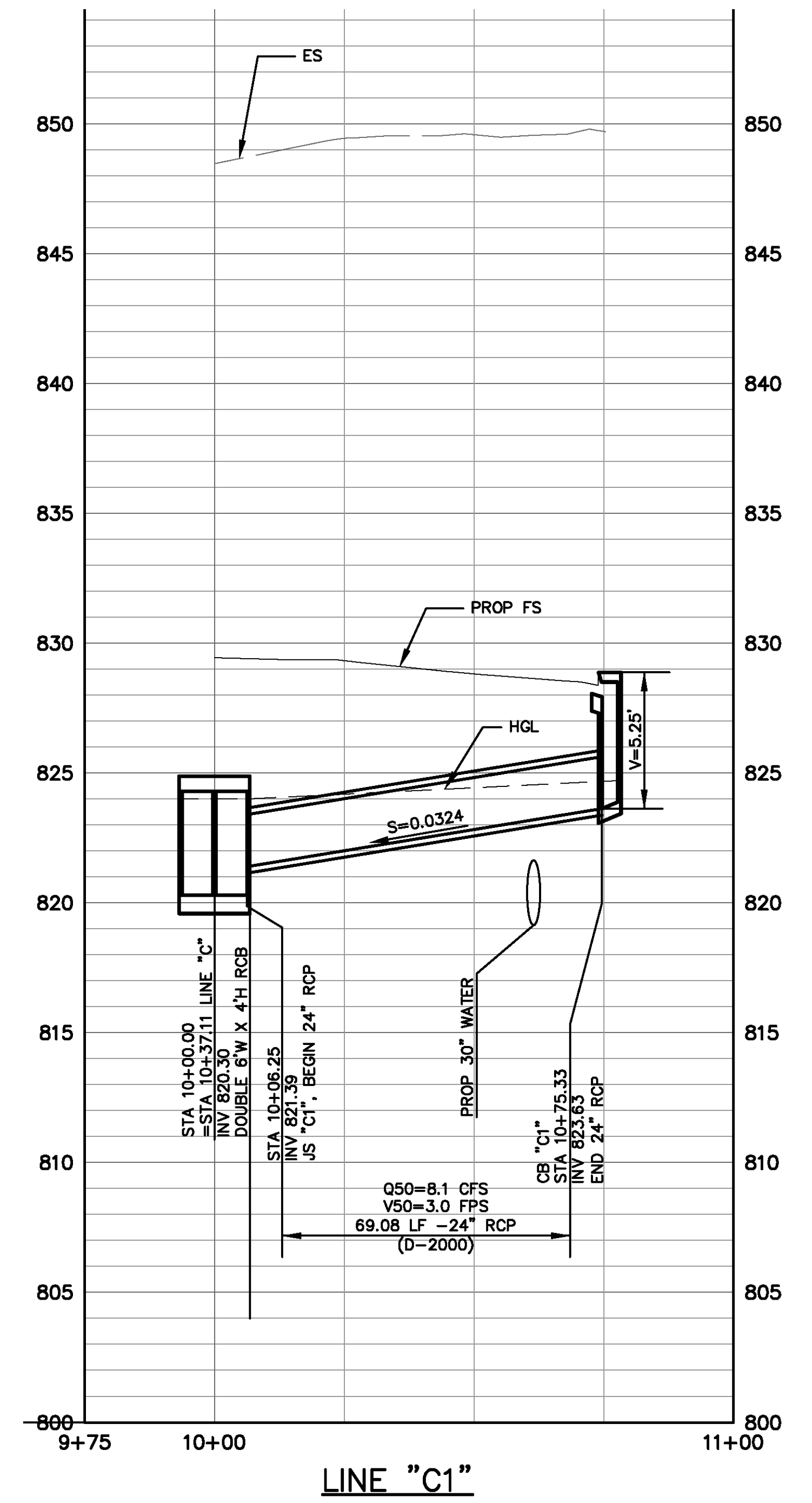
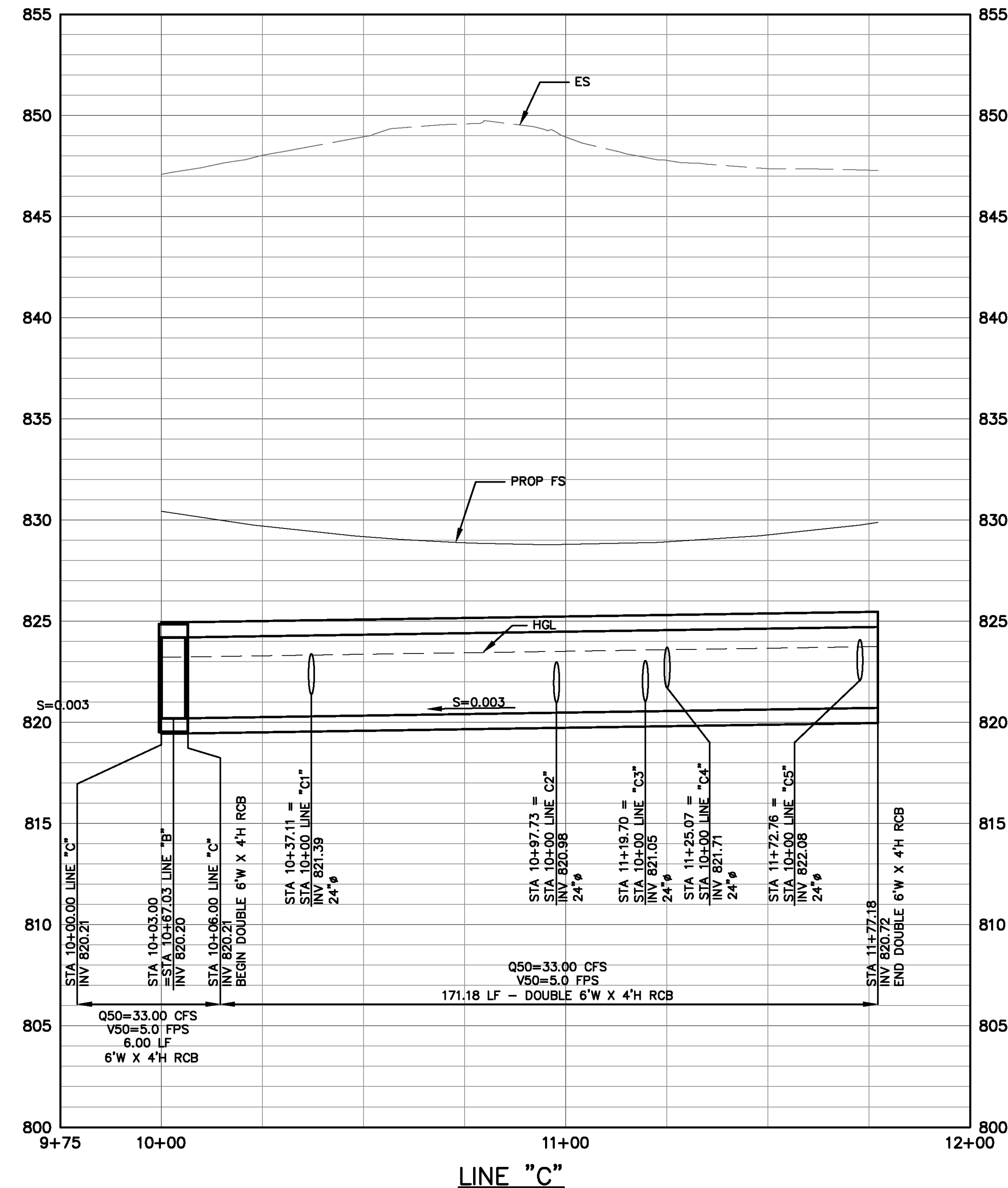
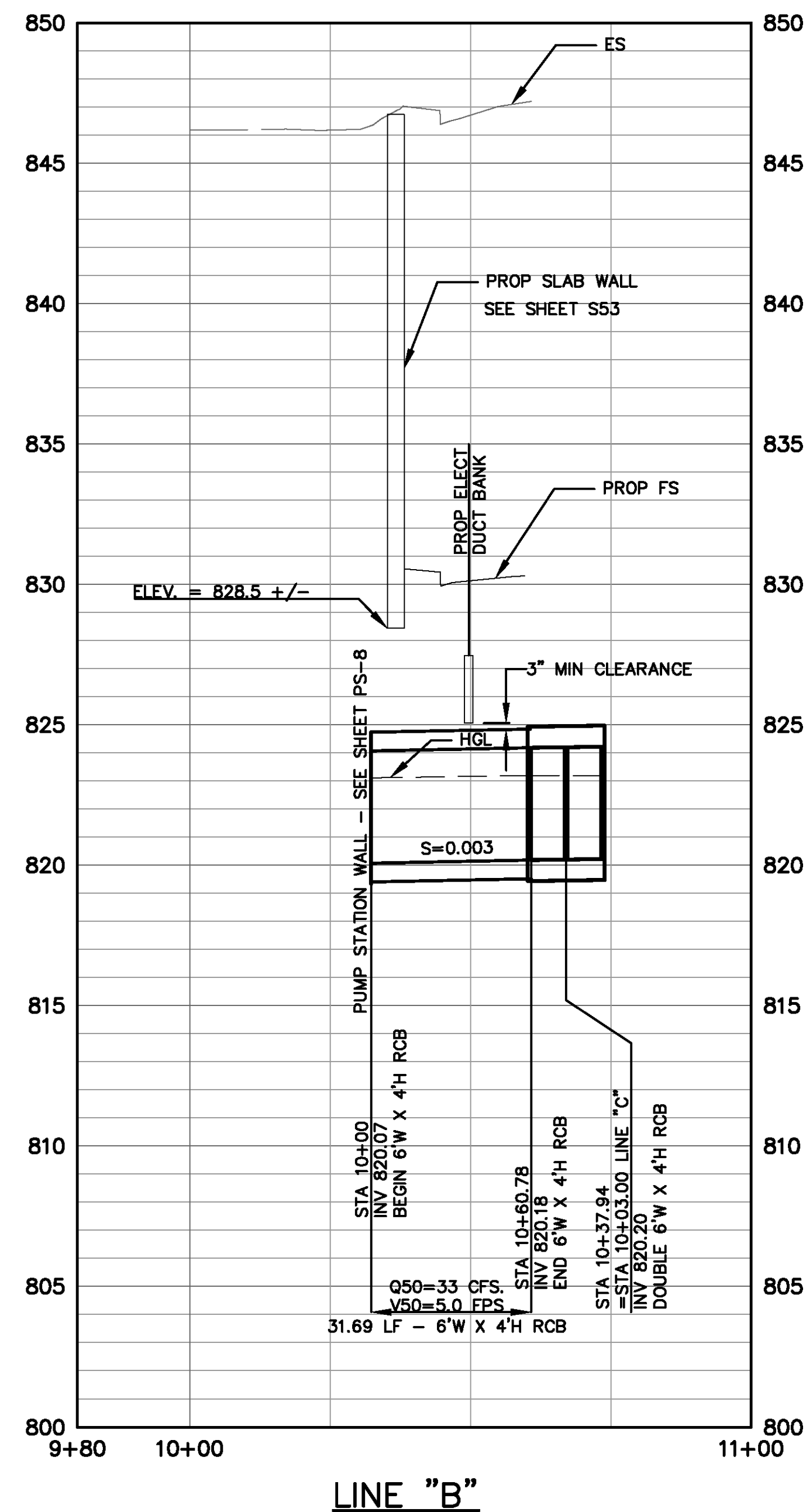
REGISTERED PROFESSIONAL ENGINEER  
M.S. NICHOL  
NO. C60129  
EXP. 06/30/14  
CIVIL  
STATE OF CALIFORNIA

DESIGNED BY	RW	DRAWN BY	TP	CHECKED BY	MSN
REV.	INV ELEV PER STD DRWG JS226	FM	08/15/14	RAB	08/25/14
MARK	REVISIONS	APPR.	DATE		

UPRR BRIDGE 55.54 LOS ANGELES SUB  
**CITY OF RIVERSIDE, CALIFORNIA**  
**PUBLIC WORKS DEPARTMENT**  
**RIVERSIDE AVE UNDERPASS**  
DRAINAGE PROFILES, LINE "A" D-6  
HORIZ. SCALE: AS SHOWN VERT. SCALE: AS SHOWN

HORIZ. SCALE: 1" = 20'	VERT. SCALE: 1" = 4'
ADCT. NO. -	W.O. NO. -
<b>D-866</b>	
SHEET <u>50</u> OF <u>146</u>	
FILE NO.	

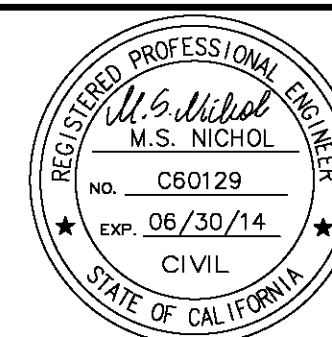




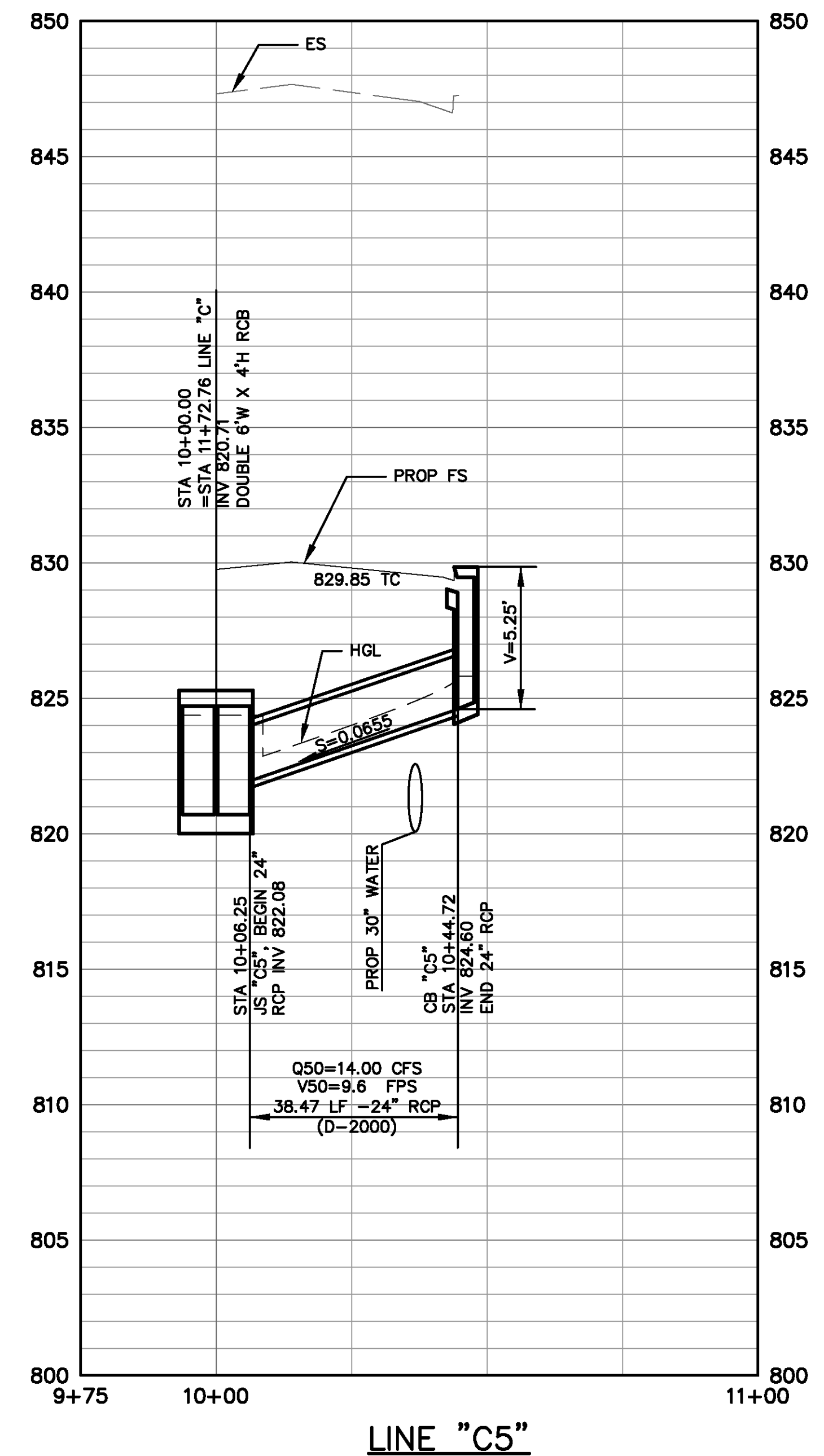
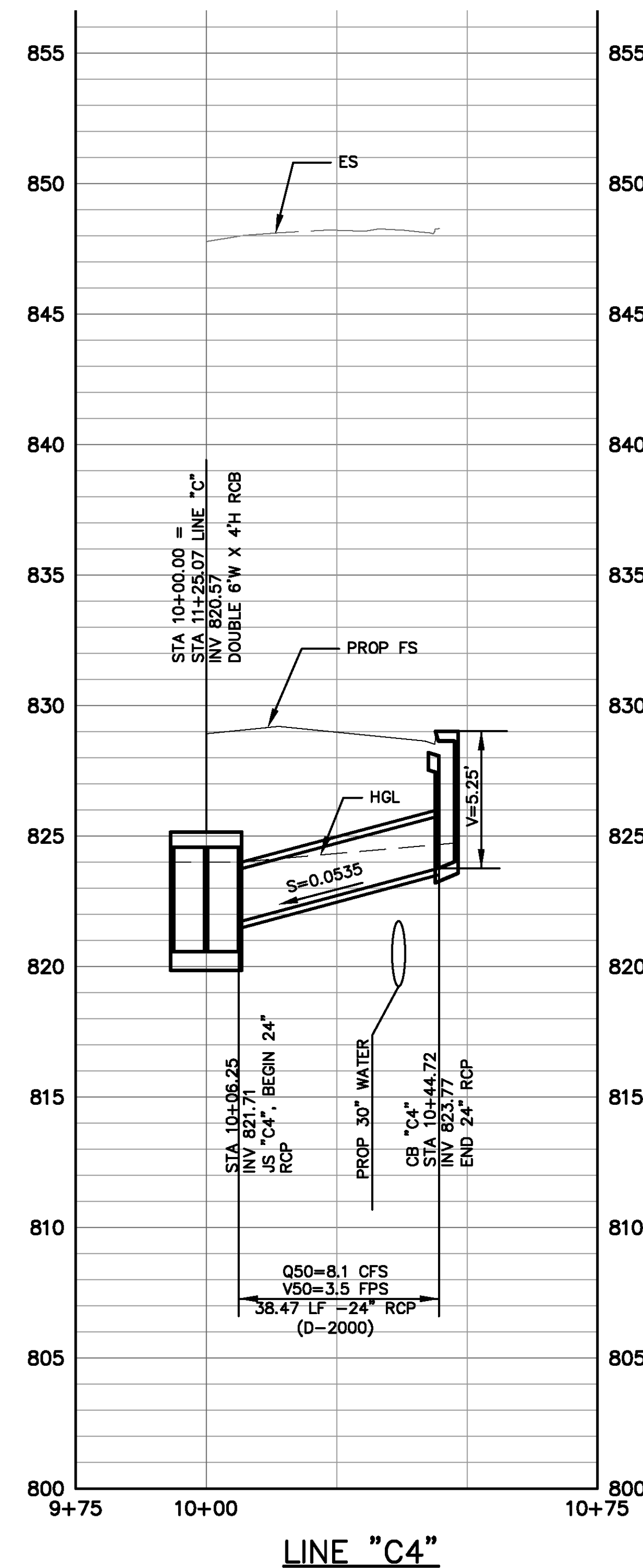
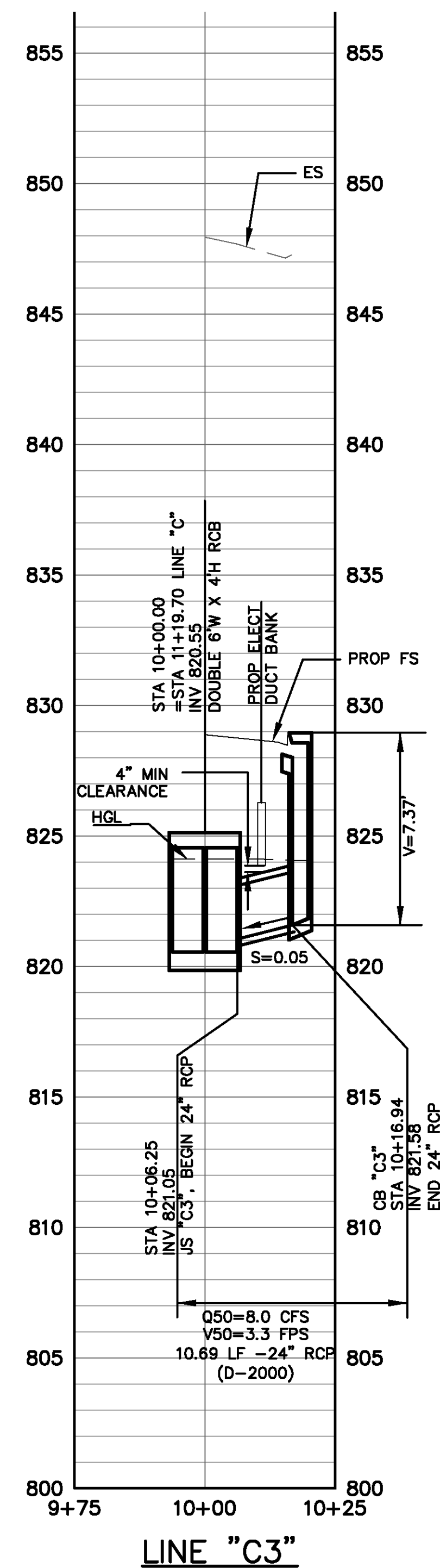
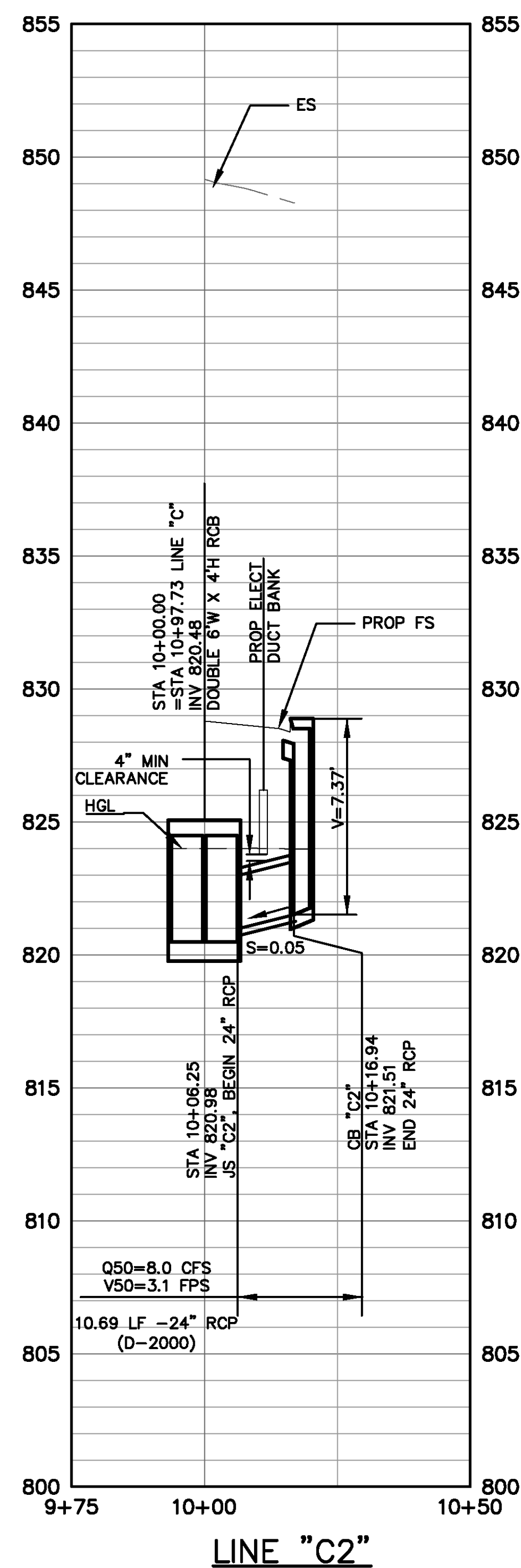
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BID NO. 7185  
COMPLETION DATE 03/25/2016  
R.E. NAME DAVID HATCH

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PLOT DATE: Sep 27, 2016 - 9:24am PLOTTED BY: dleigh



				CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT	ACCT. NO. - W.O. NO. -
				RIVERSIDE AVE UNDERPASS	D-866
				DRAINAGE PROFILES, LINES "B", "C", "C1" D-7	SHEET 51 OF 146
MARK	REVISIONS	APPR.	DATE		
				DESIGNED BY RW DRAWN BY TP CHECKED BY MSN	HORIZ. SCALE: AS SHOWN VERT. SCALE: AS SHOWN FILE NO.



# ASBUILT

BID NO. 7185

COMPLETION DATE 03/25/2016

R.E. NAME DAVID HATCH

UPRR BRIDGE 55.54 LOS ANGELES SUB

HORZ. SCALE: 1" = 20'  
VERT. SCALE: 1" = 4'

VERT. SCALE: 1" = 4'

ECT. NO. -

CITY OF RIVERSIDE, CALIFORNIA		AC
PUBLIC WORKS DEPARTMENT		W.

DIVERSIDE AVE UNDERPASS

## RIVERSIDE AVE UNDERPASS

DRAINAGE PROFILES, LINES "C2" "C3" "C4" "C5" D-8 S

HORIZ. SCALE: AS SHOWN	VERT. SCALE: AS SHOWN	FILE NO.
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D-866

SHEET 52 OF 146

TABLE NO.	
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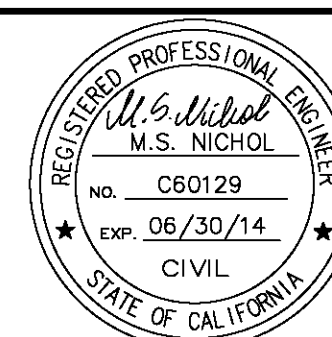
DIAL TOLL FREE  
1-800-422-4133  
AT LEAST TWO DAYS  
BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA



3780 KILROY AIRPORT WAY, SUITE 600  
LONG BEACH, CALIFORNIA, 90806  
562-426-9551

DATE \_\_\_\_\_

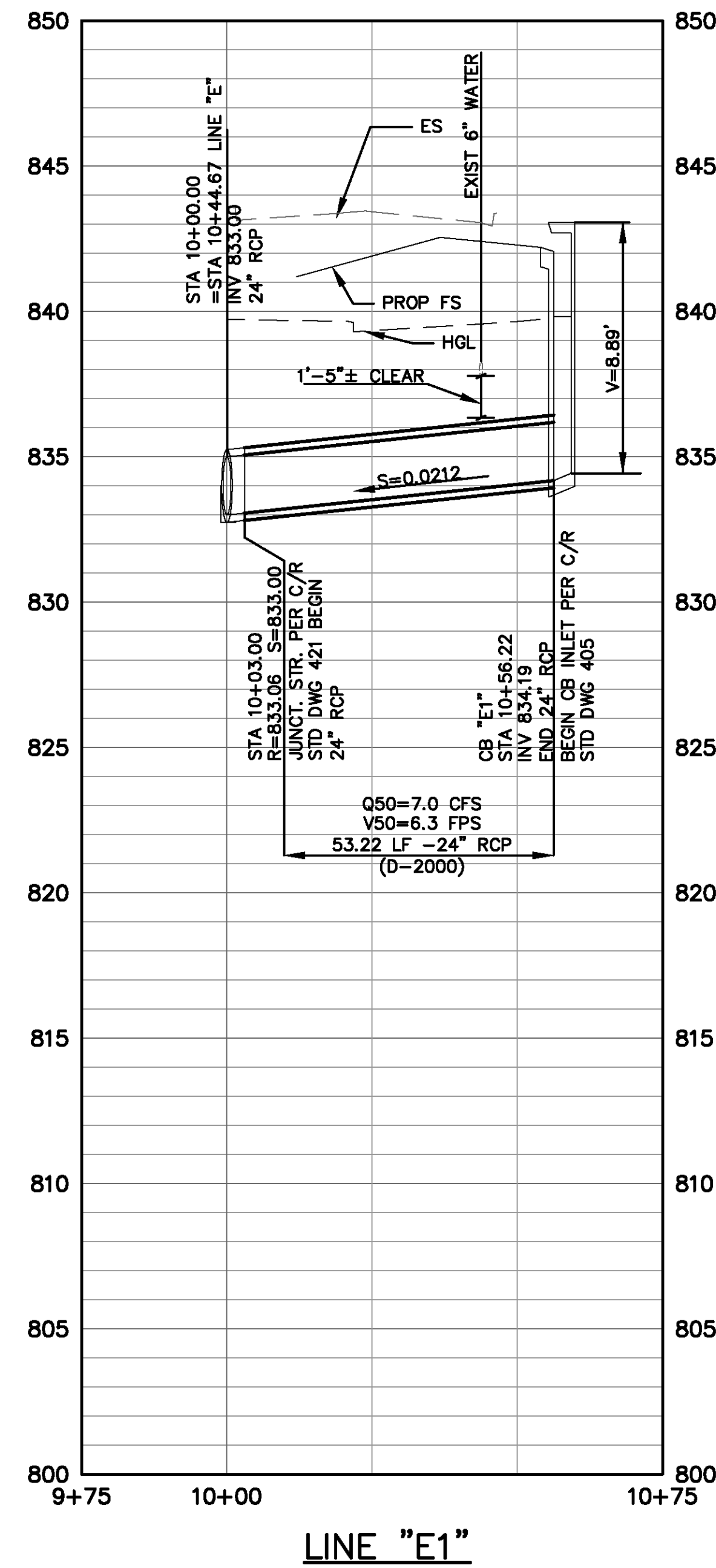
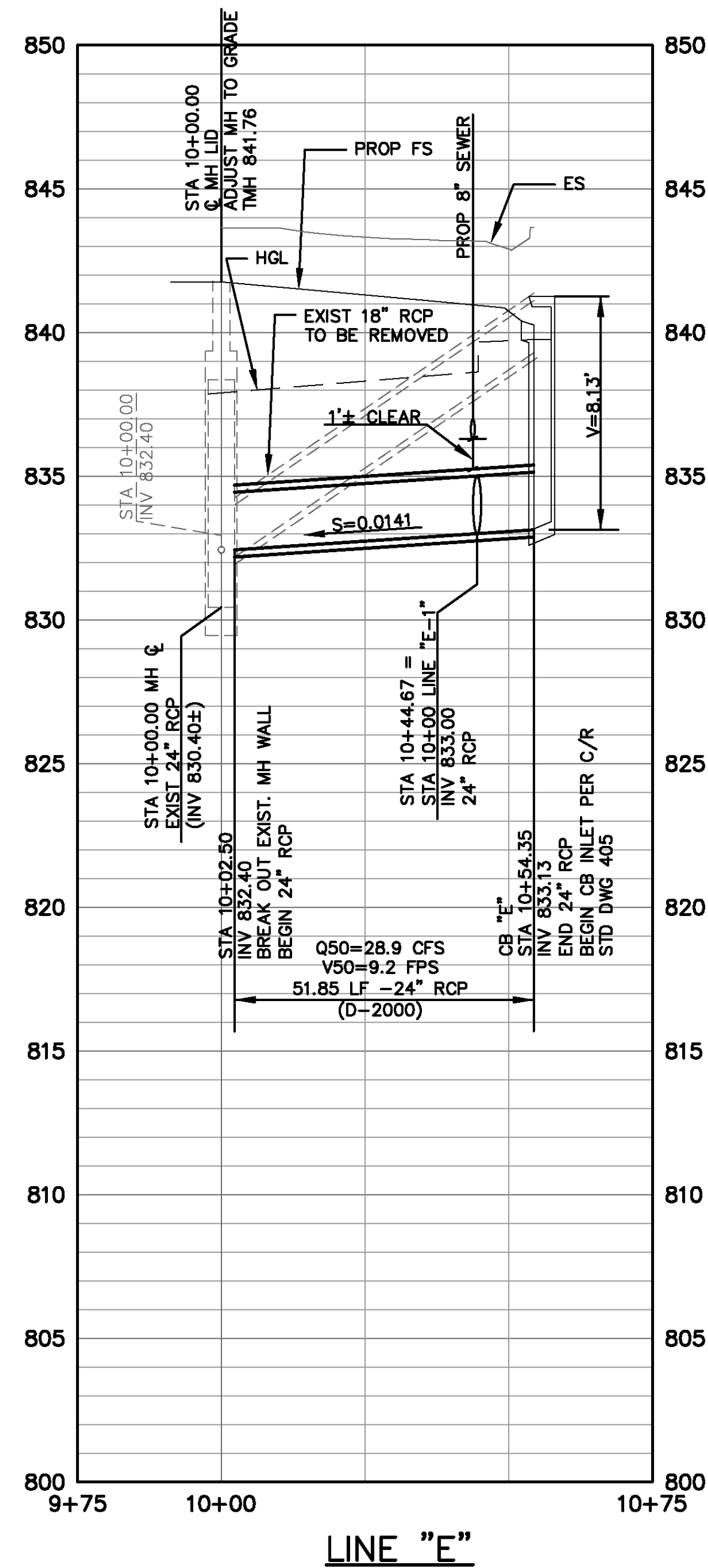
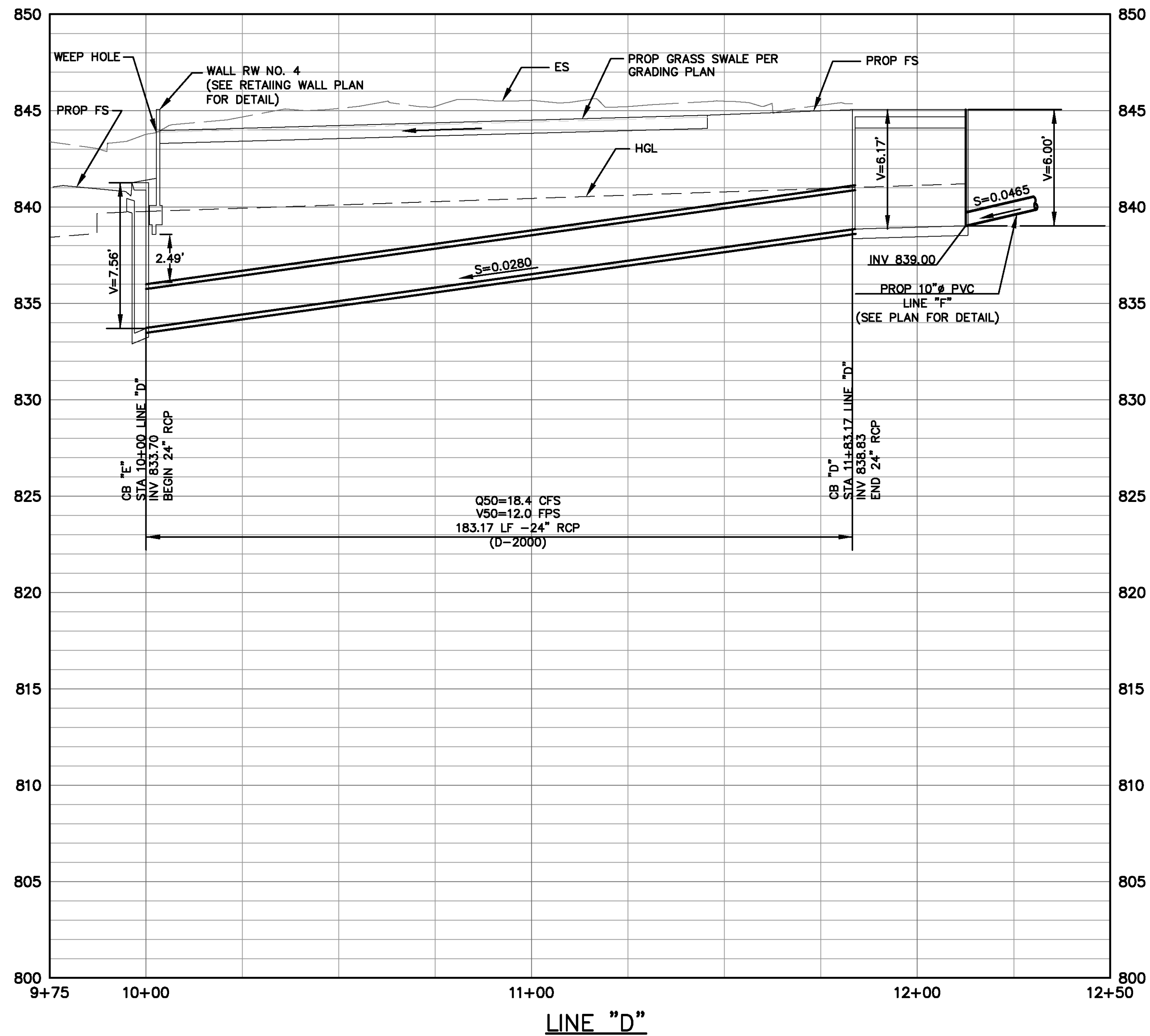


MARK	REVISIONS				APPR.	DATE
DESIGNED BY	RW	DRAWN BY	TP	CHECKED BY	MSN	

MARK	REVISIONS				APPR.	DATE
DESIGNED BY	RW	DRAWN BY	TP	CHECKED BY	MSN	



DRAWING NAME: \\netcplb02\ba\_projects\8318\13\CADD\Sheet\STORM DRAIN\83550\DC09.dwg  
PLOT DATE: Sep 27, 2016 9:24am PLOTTED BY: design



## ASBUILT

BID NO. 7185  
COMPLETION DATE 03/25/2016  
R.E. NAME DAVID HATCH



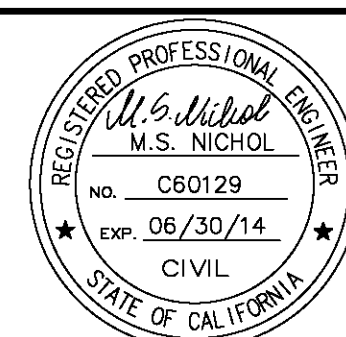
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DATE



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UPRR BRIDGE 55.54 LOS ANGELES SUB  
CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT  
RIVERSIDE AVE UNDERPASS  
DRAINAGE PROFILES, LINES "D", "E", "E1" D-9  
HORIZ. SCALE: AS SHOWN VERT. SCALE: AS SHOWN

HORZ. SCALE: 1" = 20'  
VERT. SCALE: 1" = 4'  
ACCT. NO. -  
W.O. NO. -  
D-866  
SHEET 53 OF 146  
FILE NO.