



SECTION G-1

CONTRACT DRAWINGS

Sheets 1 - 19

SNOWDROP ROAD PROJECT

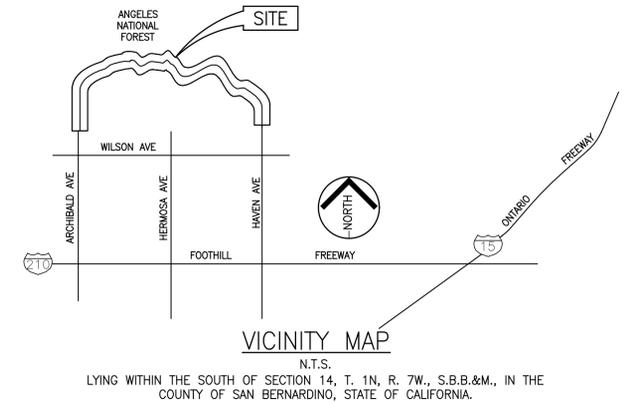
FOR

**Assessment District 2018-1
UNINCOPORATED RANCHO CUCAMONGA, CALIFORNIA**

PROJECT NO.: 30.30.0009



**COUNTY OF SAN BERNARDINO
SPECIAL DISTRICTS DEPARTMENT**
DRAWINGS FOR CONSTRUCTION OF AD 2018-1
SNOW DROP ROAD IMPROVEMENTS PROJECT
SNOWDROP ROAD, SANTINA DRIVE,
ARCHIBALD AVENUE, AND HAVEN AVENUE



ENGINEER'S NOTES:

- CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- ALL UNDERGROUND UTILITIES OR STRUCTURES, REPORTED OR FOUND IN PUBLIC RECORDS, ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES, SHOWN AND ANY OTHERS FOUND AT THE SITE.
- THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THESE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.
- QUANTITIES SHOWN HEREON ARE PROVIDED FOR BIDDING PURPOSES ONLY. CONTRACTORS SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES PRIOR TO BIDDING FOR CONSTRUCTION.
- STREET CENTERLINES SHOWN HEREON ARE BASED ON CENTER OF EXISTING PAVEMENT, NOT PER RECORD DRAWINGS, MONUMENTS OR EXISTING RIGHT OF WAYS. CENTERLINES ARE FOR DESIGN AND CONSTRUCTION REFERENCE ONLY.

NOTICE TO CONTRACTOR(S):

CONTRACTOR AGREES THAT HE SHALL ASSUME COMPLETE AND SOLE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. NO CERTIFICATION IS MADE AS TO THE ACCURACY OR THOROUGHNESS OF THIS PLAN BY THE COUNTY OF SAN BERNARDINO SPECIAL DISTRICTS DEPARTMENT. APPROVAL OF THIS PLAN BY THE SPECIAL DISTRICTS DEPARTMENT DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF LOCATION OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY, PIPE OR STRUCTURE. THE CONTRACTOR SHALL TAKE ALL DUE PRECAUTIONARY MEANS TO PROTECT ALL LINES AND STRUCTURES REGARDLESS IF SHOWN OR NOT ON THE DRAWINGS. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ELEVATION PRIOR TO CONSTRUCTION.

THE CONTRACTOR IS TO USE HIS BEST EFFORTS TO MAINTAIN THE INTEGRITY AND LOCATION OF THE EXISTING SURVEY MONUMENTS SHOWN ON THESE PLANS OR FOUND IN THE FIELD DURING CONSTRUCTION. IF CONTRACTOR INADVERTENTLY DAMAGES OR NEEDS TO REMOVE AN EXISTING MONUMENT, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE SERVICES OF A LICENSED SURVEYOR PRIOR TO REMOVAL AND OR REPLACEMENT OF THE EXISTING MONUMENT. A CORNER RECORD SHALL BE FILED BY THE SURVEYOR FOR EACH MONUMENT THAT IS DISTURBED AND REPLACED.

UNDERGROUND UTILITIES:

ALL UNDERGROUND STRUCTURES OR UTILITIES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

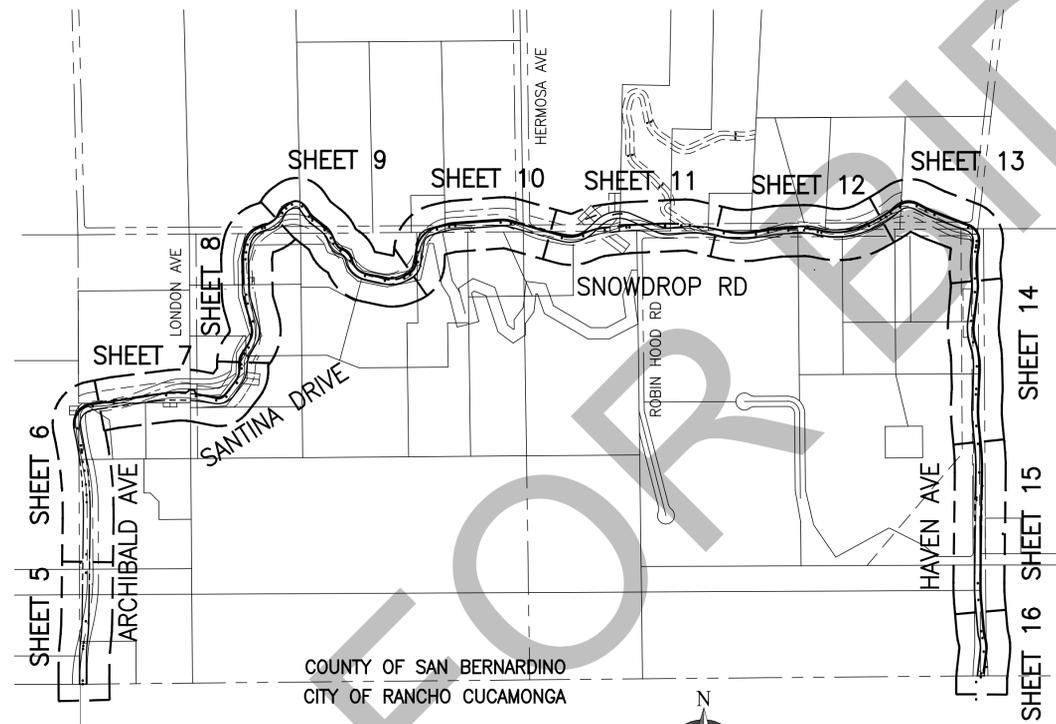
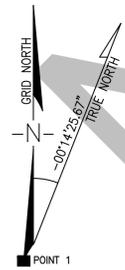
CALL UNDERGROUND SERVICE ALERT (U.S.A.) 1-800-227-2600 AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION.

UTILITIES:

WATER	CUCAMONGA VALLEY WATER DISTRICT	(909) 987-2591
GAS	SOUTHERN CALIFORNIA GAS COMPANY	(909) 335-7550
TELEPHONE	FRONTIER COMMUNICATIONS	(909) 469-6346
CABLE TV	CHARTER COMMUNICATIONS	(866) 874-2389
ELECTRICAL	SOUTHERN CALIFORNIA EDISON	(909) 357-6585

BASIS OF BEARINGS:

"THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, CCS83, ZONE 5, BASED LOCALLY ON CONTROL STATIONS "MLFP" AND "LORS", NAD 83 (NSRS2011) AS SHOWN HEREON. ALL BEARINGS SHOWN ON THIS MAP ARE GRID. QUOTED BEARINGS AND DISTANCES FROM REFERENCE MAPS OR DEEDS ARE AS SHOWN PER THAT RECORD REFERENCE. ALL DISTANCES SHOWN ARE GROUND DISTANCES UNLESS SPECIFIED OTHERWISE. GRID DISTANCES, MAY BE OBTAINED BY MULTIPLYING THE GROUND DISTANCE BY A COMBINATION FACTOR OF 0.9998588397. CALCULATIONS ARE MADE AT POINT #1 WITH COORDINATES OF N:1884434.555, E:6689271.966, USING AN ELEVATION OF 2500.281 FEET. THE CONVERGENCE ANGLE AT POINT #1 IS -00°14'25.67".



INDEX MAP

1"=500'



LEGEND:

	EXISTING RIGHT-OF-WAY
	PROPOSED CENTERLINE
	EXISTING PROPERTY LINE
	PROPOSED AC BERM
	PROPOSED EDGE OF PAVEMENT
	PROPOSED GUARDRAIL
	EXISTING EDGE OF PAVEMENT
	EXISTING WATER LINE
	EXISTING GAS LINE
	EXISTING STORM DRAIN
	DAYLIGHT LINE
	NEW A.C. PAVEMENT
	PROPOSED ELEVATION
	EXISTING ELEVATION
	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING POWER POLE
	EXISTING WATER METER
	EXISTING BLOW OFF

ABBREVIATIONS

AC-ASPHALT CONCRETE	PP-POWER POLE
BC-BEGIN CURVE	PRC-POINT OF REVERSE CURVE
BCR-BEGIN CURB RETURN	PROP-PROPOSED
BO-BLOW OFF	PVI-POINT OF VERTICAL INTERSECTION
C-CENTERLINE	PVMT-PAVEMENT
CO-CLEAN OUT	RT-RIGHT
CONST-CONSTRUCTION	R/W-RIGHT OF WAY
DW-DRIVEWAY	SD-STORM DRAIN
EC-END CURVE	STA-STATION
ECR-END CURB RETURN	SWR-SEWER LINE
EP-EDGE OF PAVEMENT	TC-TOP OF CURB
ESMT-EASEMENT	VC-VERTICAL CURVE
EX-EXISTING	WIR-WATER LINE
FH-FIRE HYDRANT	
FL-FLOW LINE	
FS-FINISH SURFACE	
LT-LEFT	
PI-POINT OF INTERSECTION	
P/L-PROPERTY LINE	

GENERAL NOTES:

- ALL FEDERAL, STATE OF CALIFORNIA AND LOCAL REGULATIONS APPLICABLE TO PUBLIC WORKS PROJECTS SHALL BE IN EFFECT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH THE JOBSITE AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL AT HIS OWN EXPENSE OR COST CONSTRUCT ALL IMPROVEMENTS IN A MANNER THAT WILL PROTECT ALL UNDERGROUND UTILITIES. THE ENGINEER AND OWNER WILL NOT BE RESPONSIBLE FOR DAMAGE TO ANY UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT 811 BEFORE EXCAVATION.
- WHERE SURVEY MONUMENTS EXIST, SUCH MONUMENTS SHALL BE PROTECTED OR SHALL BE REFERENCED AND RESET PURSUANT TO BUSINESS AND PROFESSIONS CODE, SECTION 8700 TO 8805 (LAND SURVEYOR S ACT).
- LOCATIONS SHOWN ON THE PLANS FOR EXISTING UTILITIES AND SUBSTRUCTURES ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL EXPOSE UTILITIES WHERE POTENTIAL CONFLICTS EXIST PRIOR TO EXCAVATION, GRADING OR TRENCHING TO VERIFY EXACT LOCATIONS, ELEVATIONS AND DIMENSIONS IN THE FIELD.
- CONTRACTOR SHALL NOTIFY SPECIAL DISTRICT DEPARTMENT AT (909) 386-8800 TO COORDINATE INSPECTION AT LEAST 48 HOURS PRIOR TO STARTING ANY WORK. WORK PERFORMED WITHOUT CALLING FOR INSPECTION SHALL BE REJECTED AND MAY BE REQUIRED TO BE REMOVED SOLELY AT THE CONTRACTORS EXPENSE.
- IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN A CURRENT AND APPROVED SET OF THE DISTRICT'S STANDARD SPECIFICATIONS ON THE JOB SITE AT ALL TIMES.
- EXISTING PAVING, LAWN, SHRUBS, FENCES, ROCK GARDENS, IRRIGATION SYSTEMS, SIGNS, MAILBOXES, AND OTHER IMPROVEMENTS DAMAGED AND/OR REMOVED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE INSPECTOR AND AT NO ADDITIONAL COST TO THE DISTRICTS.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS. PERMITS SHALL BE OBTAINED FROM THE COUNTY OF SAN BERNARDINO FLOOD CONTROL DISTRICT AND THE CITY OF RANCHO CUCAMONGA ENGINEERING DEPARTMENT, PRIOR TO ANY CONSTRUCTION OF THIS PROJECT.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THIS PLAN AND THE SAN BERNARDINO COUNTY SPECIAL DISTRICTS DEPARTMENT STANDARDS AND SPECIFICATIONS OR AS OTHERWISE NOTED ON THE PLANS.
- IF ASPHALT CONCRETE IS TO BE PLACED DIRECTLY ON SUBGRADE OF ROAD OR DRAINAGE FACILITIES, A SOIL STERILANT REGISTERED BY THE E.P.A. FOR USE UNDER A.C. AND P.C.C. SHALL BE UNIFORMLY APPLIED AT THE MANUFACTURER'S RECOMMENDED RATE FOR THE FULL PAVEMENT WIDTH PRIOR TO PAVING.
- AT THE COMPLETION OF PAVING, A MATERIALS REPORT SHALL BE SUBMITTED TO THE SAN BERNARDINO COUNTY SPECIAL DISTRICTS DEPARTMENT, LISTING ALL TESTS OR DETERMINATIONS COMPLETED TO VERIFY: a. R-VALUE, SIEVE ANALYSIS AND SAND EQUIVALENT OF AGGREGATE BASES. b. STABILITY, OIL CONTENT AND SIEVE ANALYSIS OF ASPHALT SURFACING.

SOILS ENGINEER:

CONVERSE CONSULTANTS 2021 RANCHO DRIVE, SUITE 1 REDLANDS, CA 92373 PHONE: (909) 796-0544	CHS CONSULTANTS 1355 E. COOLEY DRIVE, SUITE C COLTON, CA 92324 PHONE: (909) 824-7311
REPORT NO. 18-81-316-01 DATED: JANUARY 22, 2019	JOB NO. 14095-3 DATED: MARCH 17, 2014

SHEET INDEX

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SHEET 2	TYPICAL SECTIONS & DETAILS
SHEET 3	STORM DRAIN PROFILES
SHEET 4	STORM DRAIN LINE J AND K PLAN & PROFILE
SHEET 5	STA. 2+81.45 TO 10+00.00 PLAN & PROFILE
SHEET 6	STA. 10+00.00 TO 20+00.00 PLAN & PROFILE
SHEET 7	STA. 20+00.00 TO 30+00.00 PLAN & PROFILE
SHEET 8	STA. 30+00.00 TO 40+00.00 PLAN & PROFILE
SHEET 9	STA. 40+00.00 TO 50+00.00 PLAN & PROFILE
SHEET 10	STA. 50+00.00 TO 60+00.00 PLAN & PROFILE
SHEET 11	STA. 60+00.00 TO 70+00.00 PLAN & PROFILE
SHEET 12	STA. 70+00.00 TO 80+00.00 PLAN & PROFILE
SHEET 13	STA. 80+00.00 TO 89+00.00 PLAN & PROFILE
SHEET 14	STA. 89+00.00 TO 98+50.00 PLAN & PROFILE
SHEET 15	STA. 98+50.00 TO 108+50.00 PLAN & PROFILE
SHEET 16	STA. 108+50.00 TO 113+00.00 PLAN & PROFILE
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SHEET 18	RETAINING WALL PROFILES
SHEET 19	SNOW DROP ROAD EASEMENT EXHIBIT
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Underground Service Alert

Call: TOLL FREE
811
WWW.call811.com
TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK

No. 10105 (RANCHO CUCAMONGA)
CITY OF RANCHO CUCAMONGA BENCH MARK F.D. 2" BRASS DISK "CITY OF RC BENCH MARK 10105 (1894.77)"
ELEVATION:1894.77

SEAL - ENGINEER



ALBERT A. WEBB ASSOCIATES
ENGINEERING CONSULTANTS
3788 McCRAY STREET
RIVERSIDE CA. 92506
PH. (951) 686-1070
FAX (951) 788-1256
PROJECT ENGINEER
C65078
R.C.E. NO.

FIELD BOOK REF.

MARK	REVISIONS	APPR	DATE

COUNTY OF SAN BERNARDINO - SPECIAL DISTRICTS DEPARTMENT

ASSESSMENT DISTRICT 2018-1
APPROVED BY: _____
SPECIAL DISTRICT DEPARTMENT DATE _____

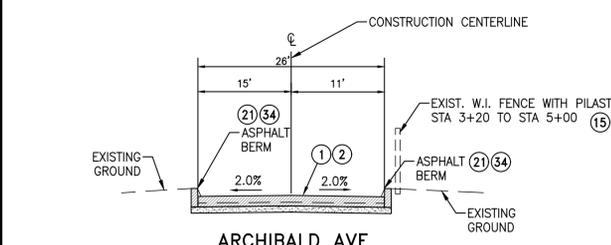
ASSESSMENT DISTRICT 2018-1

RANCHO CUCAMONGA, CALIFORNIA
SNOWDROP ROAD
TITLE SHEET
SCALE: HORIZ: AS SHOWN VERT: AS SHOWN

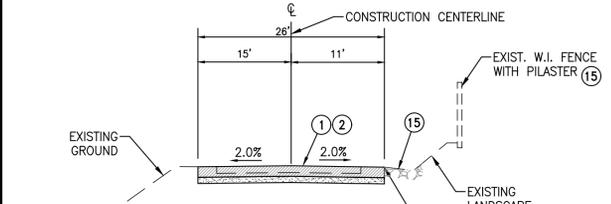
W.O. NO.: 16-3008
ROAD NO.:
FILE NO.:
SHEET 01 OF 19

NOVEMBER 6, 2019

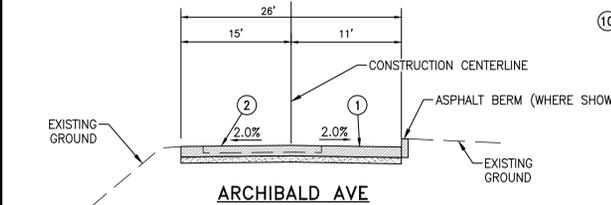
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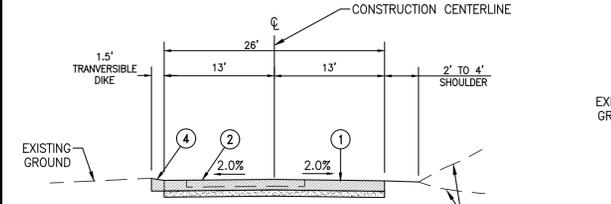
ARCHIBALD AVE
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STA. 2+81.45 TO 9+36.00



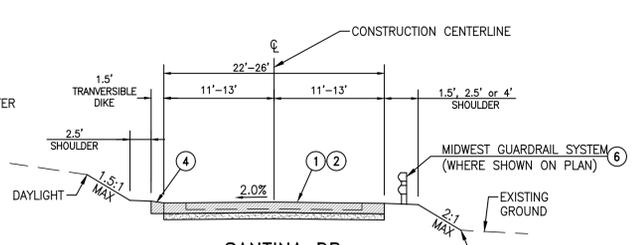
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STA. 16+59.00 TO 17+90.00



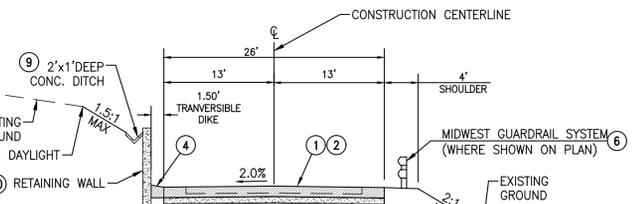
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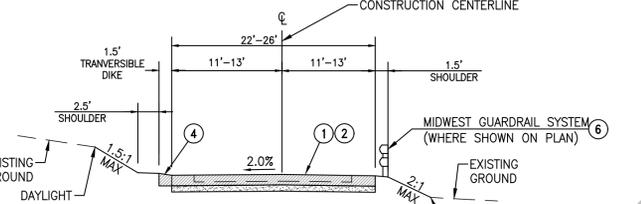
ARCHIBALD AVE & SANTINA DR
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STA. 17+90.00 TO 23+00.00



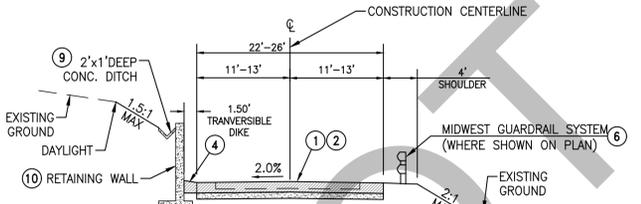
SANTINA DR
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STA. 30+75.00 TO 36+83.00
40+00.00 TO 41+00.00
42+90.00 TO 43+86.60
48+45.00 TO 50+46.00
52+60.00 TO 67+00.00



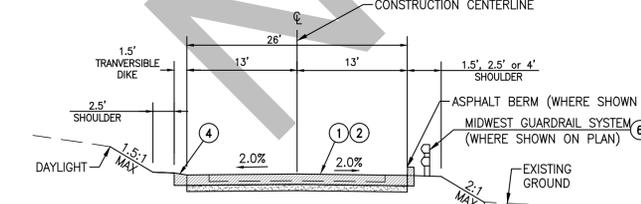
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STA. 41+00.00 TO 42+90.00



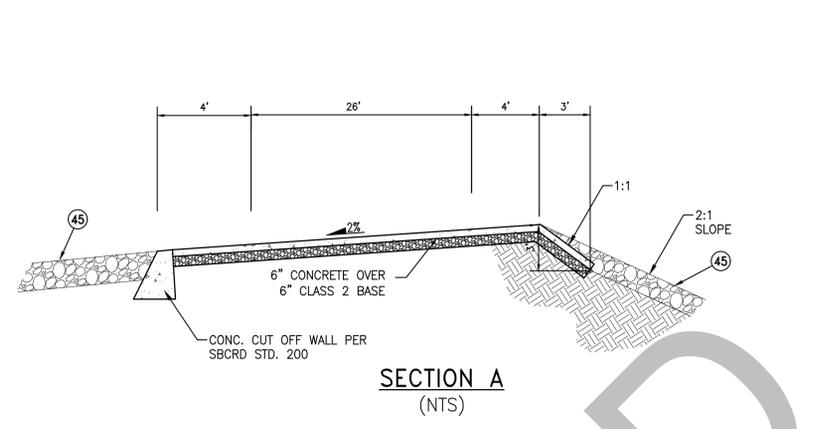
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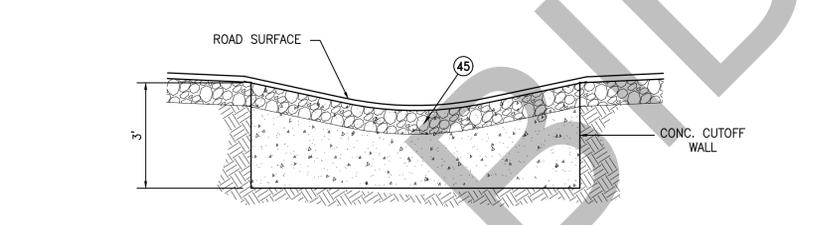
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STA. 50+46.00 TO 52+60.00
STA. 67+00.00 TO 70+00.00



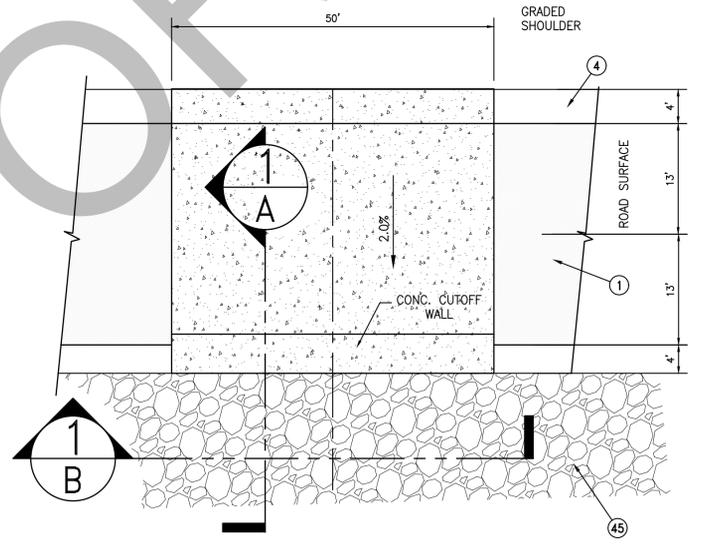
SNOWDROP RD & HAVEN AVE
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STA. 70+00.00 TO 112+27.75



SECTION A
(NTS)



SECTION B
(NTS)

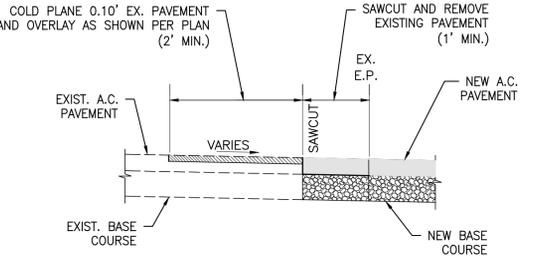


ARIZONA CROSSING TYPICAL DETAIL
(NTS)

CONCRETE CUTOFF WALL PER SBCRD STD. DWG. 200

CONSTRUCTION NOTES:

- QUANTITY
- (1) CONSTRUCT 4" A.C. OVER 8" CL II BASE
 - (2) PULVERIZE EXISTING AC ROAD AND GRADE, SHAPE AND COMPACT
 - (3) CONSTRUCT 3 1/2" A.C. OVER NATIVE (DRIVEWAYS)
 - (4) CONSTRUCT TRAVERSABLE DIKE PER SBCRD STD. 117A
 - (5) CONSTRUCT 6" CROSS GUTTER PER SBCRD STD. 119
 - (6) CONSTRUCT MIDWEST GUARDRAIL W/ TYPE A END CAP (EA. END) PER CALTRANS STD. PLAN RSP A77L1 AND RSP A77M1
 - (7) CONSTRUCT CONCRETE COLLAR FOR RCP PER SPPWC STD. DWG. 380-4
 - (8) CONSTRUCT RIP-RAP ENERGY DISSIPATOR PER DETAIL ON SHEET 17
 - (9) CONSTRUCT WALL DRAIN WITH PIPE DOME PER SPPWC STD. PLAN 617-3
 - (10) CONSTRUCT RETAINING WALL PER SPPWC STD. PLAN 616-3 TYPE 7A OR 618-3 TYPE A (H=6' MAX), 613-4 (H12'), 612-3 (H>12') OR DESIGN/CONSTRUCT GRAVITY RETAINING WALL (THE CONTRACTOR HAS AN OPTION TO CONSTRUCT RETAINING WALLS PER SPPWC STANDARD PLANS AS SHOWN ON STREET IMPROVEMENT PLANS OR DESIGN AND CONSTRUCT GRAVITY RETAINING WALL USING INTER-BLOCK RETAINING SYSTEM OR EQUAL SPECIFICATION)
 - (11) CONSTRUCT DRAINAGE INLET TYPE G1 PER CALTRANS STD. PLAN RSP D73B
 - (12) CONSTRUCT HEADWALL WING PER SBCRD STD. 209
 - (13) REMOVE EXISTING HEADWALL, CONC WALL AND ANY INTERFERING STRUCTURES
 - (14) REMOVE EXISTING STORM DRAIN
 - (15) PROTECT IN PLACE AS SHOWN ON PLAN
 - (16) CONSTRUCT ARIZONA CROSSING PER SBCRD STD. 200 AND PER DETAIL ON SHEET 2
 - (17) CONSTRUCT 36" INTERCEPTOR DRAIN PER DETAIL ON SHEET 17
 - (18) CONSTRUCT DOWN DRAIN PER DETAIL ON SHEET 17
 - (19) CONSTRUCT SPLASH WALL PER DETAIL AND NOTES ON SHEET 17
 - (20) CONSTRUCT DOWN DRAIN OUTLET PER DETAIL ON SHEET 17
 - (21) CONSTRUCT 6" AC BERM PER SPPWC 2012 STD. PLAN 120-2 (D1-6)
 - (22) CONSTRUCT 24" HDPE
 - (23) CONSTRUCT 36" HDPE
 - (24) CONSTRUCT 42" HDPE
 - (25) CONSTRUCT 48" HDPE
 - (26) CONSTRUCT 60" HDPE
 - (27) CONSTRUCT AC OVERSIDE DRAIN PER CALTRANS STD. PLAN D87D W/ 5'x5'x1.1' THICK NO. 2 BACKING RIP RAP
 - (28) ADJUST WATER VALVE TO GRADE PER C.V.W.D. STD. DWG. 115
 - (29) RELOCATE FIRE HYDRANT PER C.V.W.D. STD. DWG. 113
 - (30) RELOCATE WATER METER PER C.V.W.D. STD. DWG. 102
 - (31) RELOCATE WATER AIR RELEASE VALVE PER C.V.W.D. STD. DWG. 120
 - (32) RELOCATE WATER BLOW OFF PER C.V.W.D. STD. DWG. 119
 - (33) RELOCATE POWER POLE BY SCE
 - (34) REMOVE EXISTING AC BERM
 - (35) RELOCATE EXISTING MAILBOX
 - (36) RELOCATE EXISTING 2-RAIL FENCE
 - (37) PLACE 10' WIDE X 1.1' THICK NO. 2 BACKING RIP-RAP PER DETAIL ON SHEET 17
 - (38) REMOVE EX. K-RAIL
 - (39) CONSTRUCT CONCRETE HEADWALL PER CALTRANS STD. PLAN D90
 - (40) OVER EXCAVATE ARTIFICIAL FILL PER GEOTECH REPORT
 - (41) PLACE 5.4' THICK 2 TON RIP RAP
 - (42) CONSTRUCT CONCRETE INLET STRUCTURE PER DETAIL ON SHEET 4
 - (43) SAWCUT AND JOIN EX. PAV'T PER DETAIL ON SHEET 2
 - (44) CONSTRUCT DRAINAGE INLET TYPE GT1 PER CALTRANS STD. PLAN RSP D73D
 - (45) PLACE 2.7' THICK 1/4 TON RIP RAP
 - (46) PLACE 6" CLASS II BASE
 - (47) CONSTRUCT FIRE HYDRANT BARRICADE (BOLLARDS) PER C.V.W.D. STD. DWG. 114
 - (48) CONSTRUCT 8"x3.5" CONCRETE CUTOFF WALL
 - (49) REMOVE EX. BOULDERS AND PLACE BEHIND NEW S'LY EDGE OF PAVEMENT



(43) SAWCUT/OVERLAY JOIN DETAIL
NOT TO SCALE

Underground Service Alert
Call: TOLL FREE
811
WWW.call811.com
TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK
No. 10105 (RANCHO CUCAMONGA)
CITY OF RANCHO CUCAMONGA BENCH MARK F.D. 2" BRASS DISK
"CITY OF RC BENCH MARK 10105 (1894.77)"
ELEVATION:1894.77

SEAL - ENGINEER
REGISTERED PROFESSIONAL ENGINEER
DILESH R. SHETH
No. C65078
CIVIL
STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES
ENGINEERING CONSULTANTS
3788 McCRAV STREET
RIVERSIDE CA. 92506
PH. (951) 686-1070
FAX (951) 788-1256
Dilesh Sheth
PROJECT ENGINEER
C65078
R.C.E. NO.

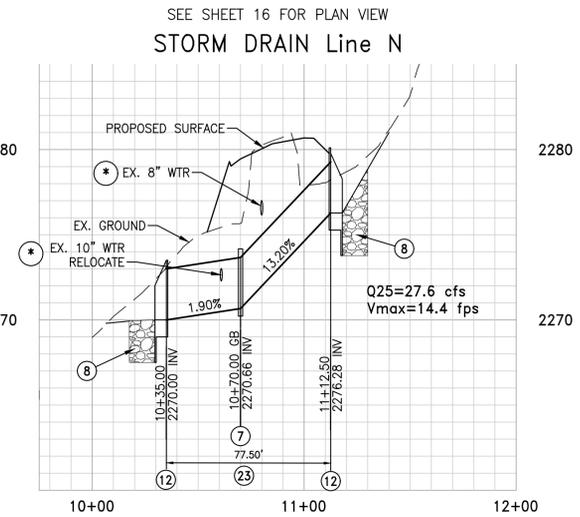
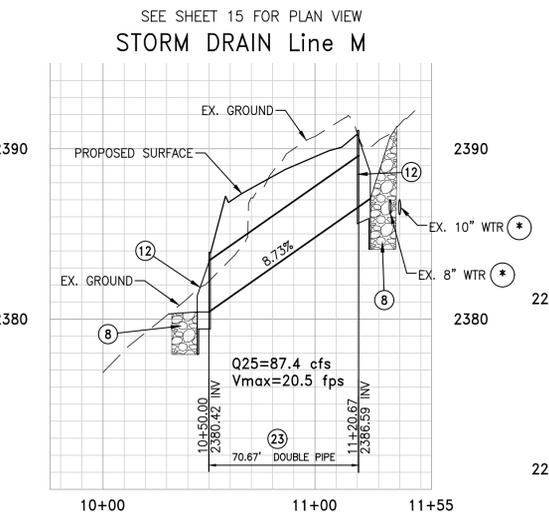
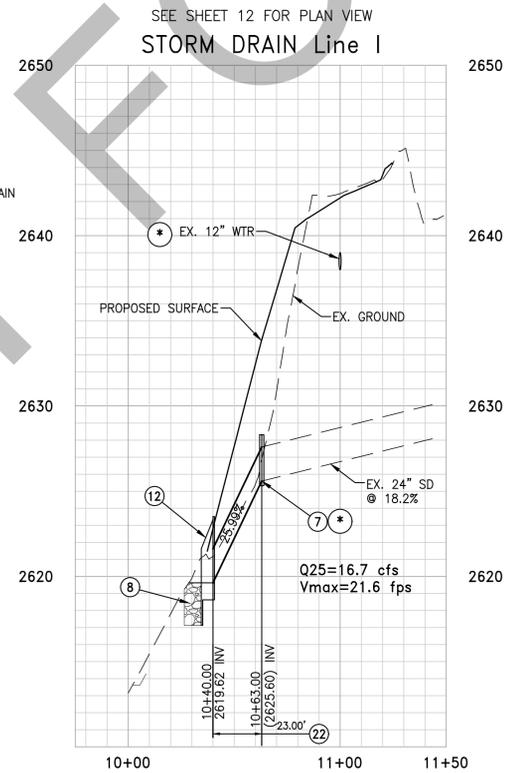
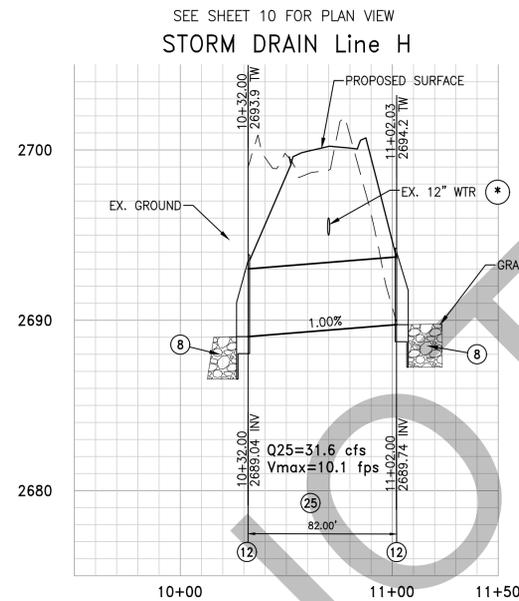
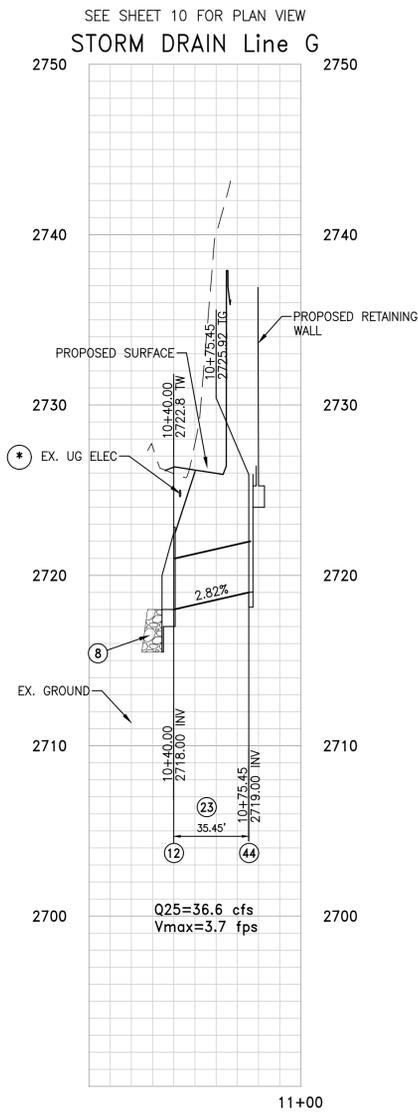
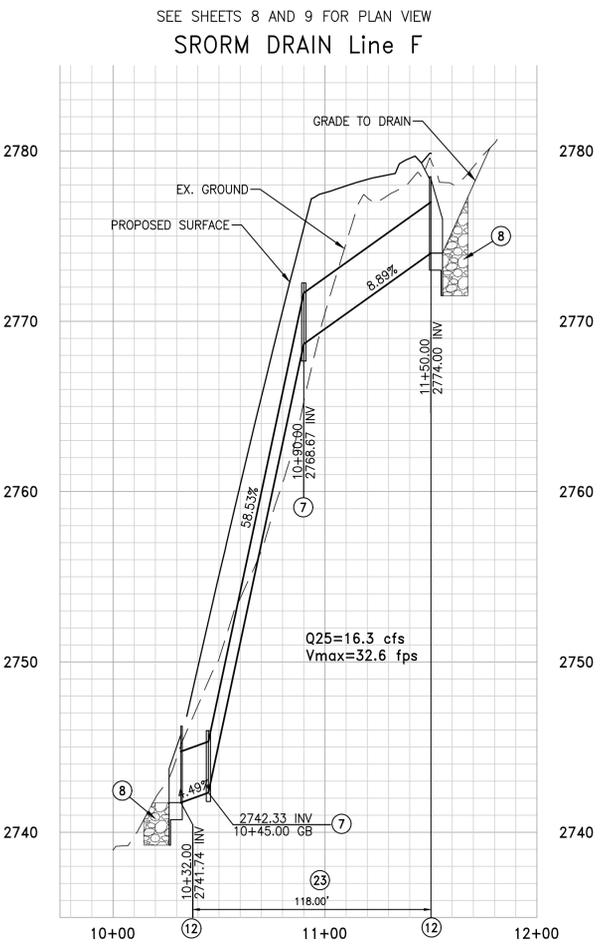
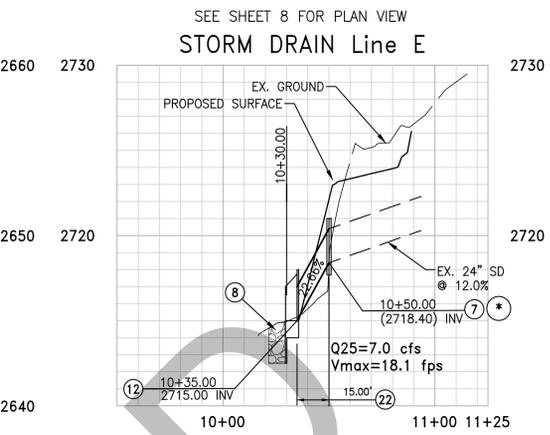
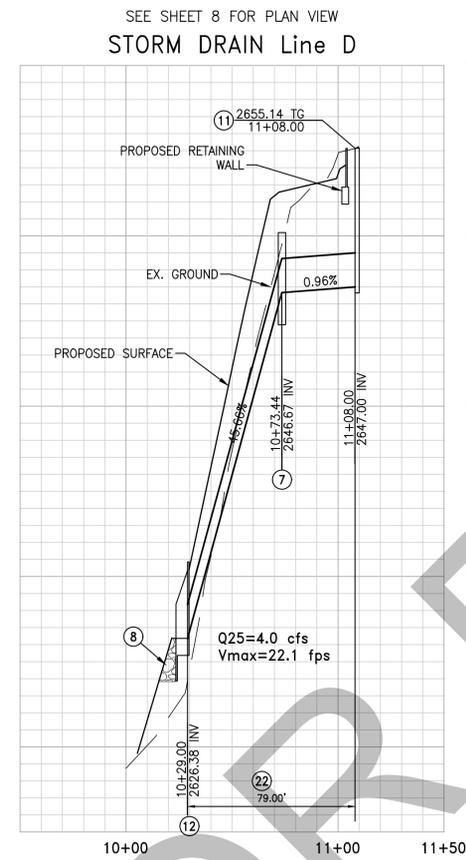
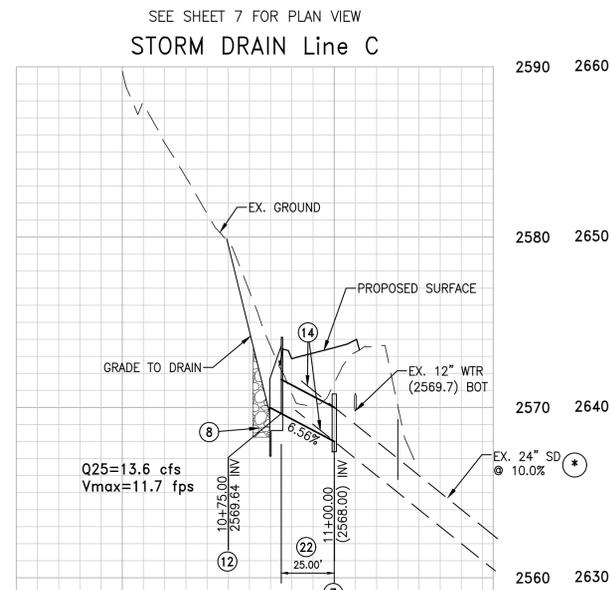
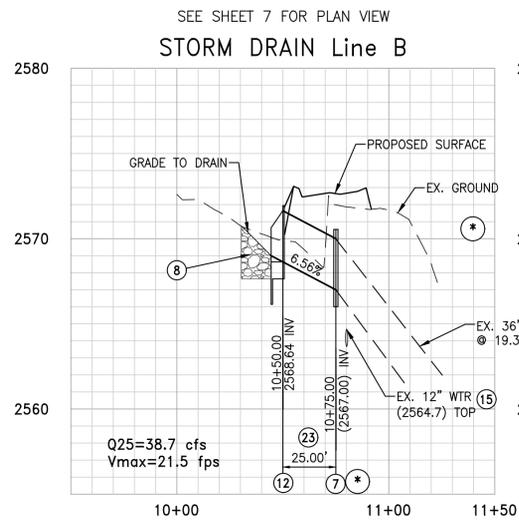
MARK	REVISIONS	APPR	DATE

COUNTY OF SAN BERNARDINO - SPECIAL DISTRICTS DEPARTMENT
ASSESSMENT DISTRICT 2018-1
APPROVED BY: _____
SPECIAL DISTRICT DEPARTMENT _____ DATE _____

ASSESSMENT DISTRICT 2018-1
RANCHO CUCAMONGA, CALIFORNIA
SNOWDROP ROAD
TYPICAL SECTIONS & DETAILS
SCALE: HORIZ: AS SHOWN VERT: AS SHOWN

W.O. NO.: 16-3008
ROAD NO.:
FILE NO.:
SHEET 02 OF 19

NOVEMBER 6, 2019



CONSTRUCTION NOTES:

- ⑦ CONSTRUCT CONCRETE COLLAR FOR RCP PER SPPWC STD. DWG. 380-4
- ⑧ CONSTRUCT RIP-RAP ENERGY DISSIPATOR PER DETAIL ON SHEET 17
- ⑪ CONSTRUCT DRAINAGE INLET TYPE G1 PER CALTRANS STD. PLAN RSP D73B
- ⑫ CONSTRUCT HEADWALL WING PER SBCRD STD. 209
- ⑬ REMOVE EXISTING HEADWALL AND ANY INTERFERING STRUCTURES
- ⑭ REMOVE EXISTING STORM DRAIN
- ⑮ CONSTRUCT 24" HDPE
- ⑯ CONSTRUCT 36" HDPE
- ⑰ CONSTRUCT 42" HDPE
- ⑱ CONSTRUCT 48" HDPE
- ⑲ CONSTRUCT DRAINAGE INLET TYPE G1 PER CALTRANS STD. PLAN RSP D73D

NOTE: *
CONTRACTOR SHALL LOCATE ALL EXIST. UNDERGROUND UTILITIES FOR LOCATION AND ELEVATION PRIOR TO CONSTRUCTION.

SCALE:
HORIZ. 1"=40'
VERT. 1"=5'

Underground Service Alert
Call: TOLL FREE 811
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TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK
No. 10105 (RANCHO CUCAMONGA)
CITY OF RANCHO CUCAMONGA BENCH MARK F.D. 2" BRASS DISK
"CITY OF RC BENCH MARK 10105 (1894.77)"
ELEVATION: 1894.77

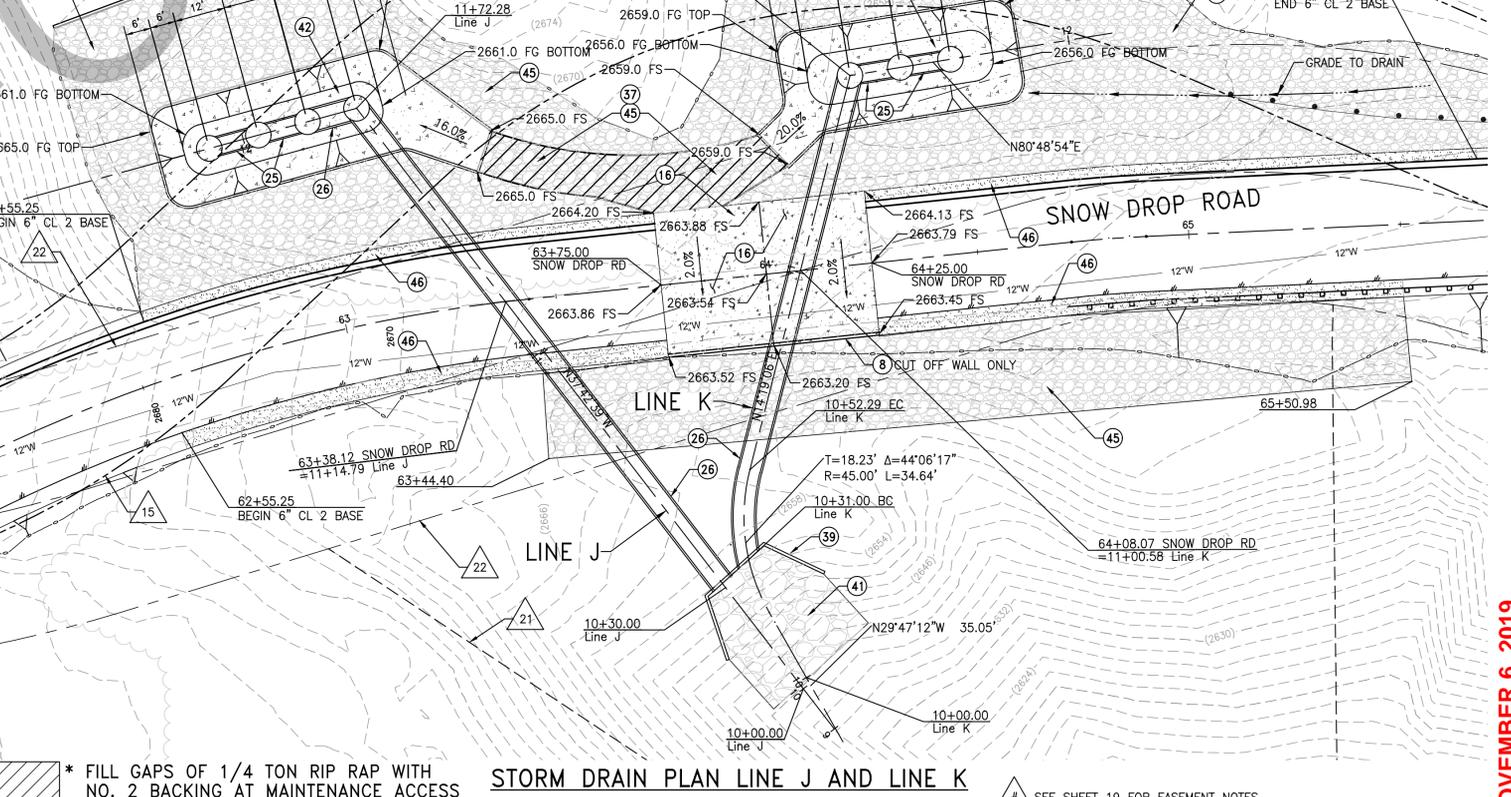
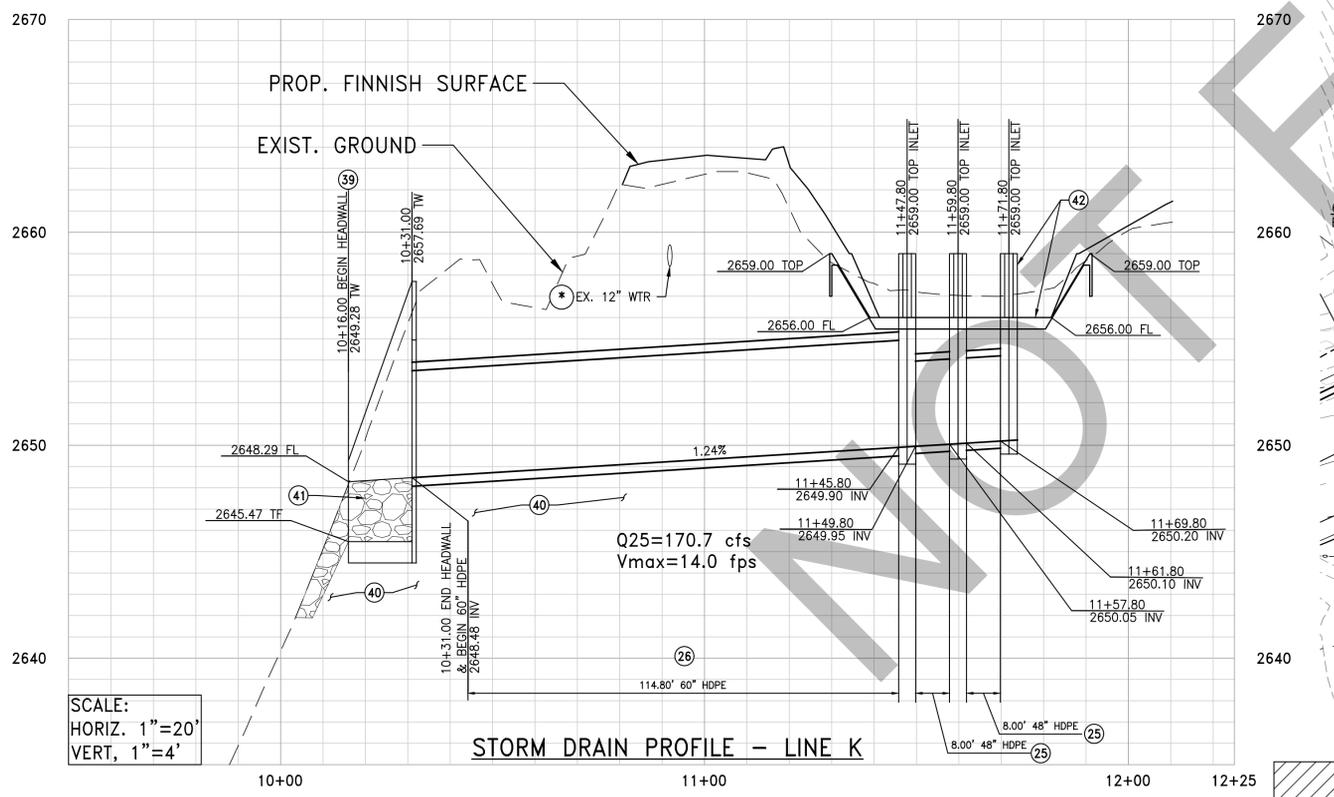
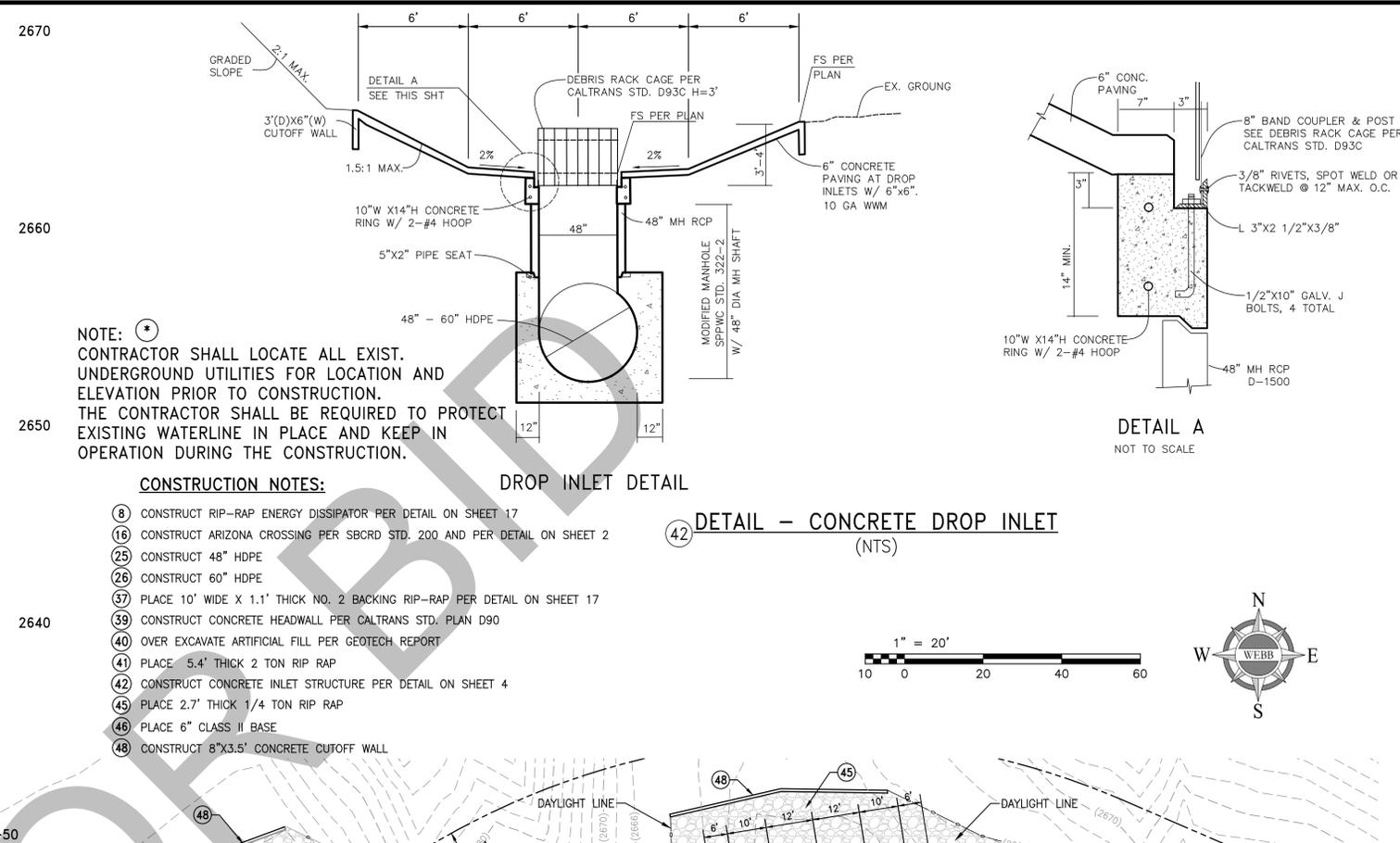
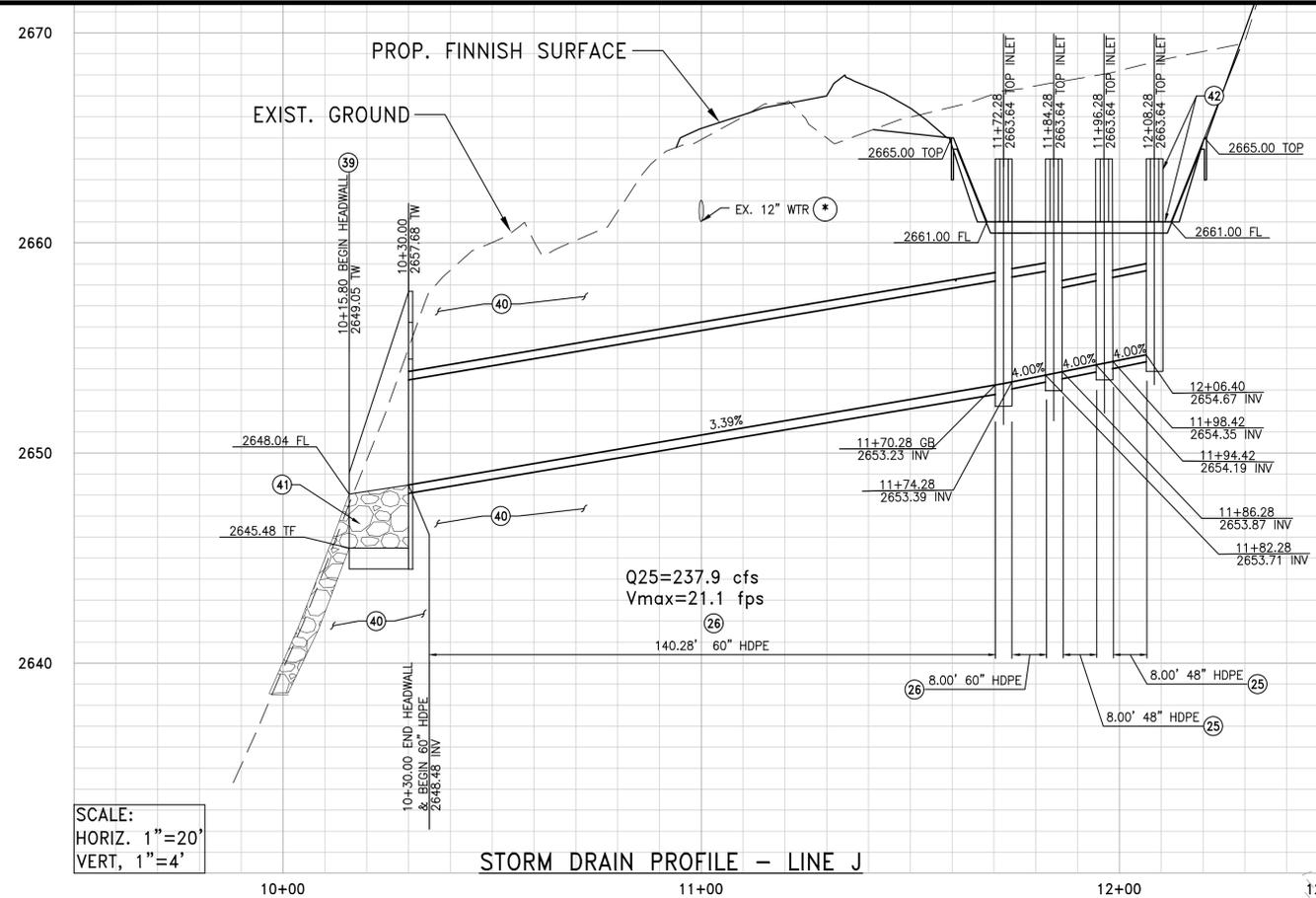
SEAL - ENGINEER
REGISTERED PROFESSIONAL ENGINEER
DILESH R. SHETH
No. C65078
CIVIL
STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES
ENGINEERING CONSULTANTS
3788 McCRAV STREET
RIVERSIDE CA. 92506
PH. (951) 686-1070
FAX (951) 788-1256
C65078
R.C.E. NO.

MARK	REVISIONS	APPR	DATE

COUNTY OF SAN BERNARDINO - SPECIAL DISTRICTS DEPARTMENT
ASSESSMENT DISTRICT 2018-1
APPROVED BY: _____
SPECIAL DISTRICT DEPARTMENT _____ DATE _____

ASSESSMENT DISTRICT 2018-1
RANCHO CUCAMONGA, CALIFORNIA
SNOWDROP ROAD
STORM DRAIN PROFILES
SCALE: HORIZ: AS SHOWN VERT: AS SHOWN
W.O. NO.: 16-3008
ROAD NO.:
FILE NO.:
SHEET 03 OF 19



NOTE: * CONTRACTOR SHALL LOCATE ALL EXIST. UNDERGROUND UTILITIES FOR LOCATION AND ELEVATION PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE REQUIRED TO PROTECT EXISTING WATERLINE IN PLACE AND KEEP IN OPERATION DURING THE CONSTRUCTION.

CONSTRUCTION NOTES:

- (8) CONSTRUCT RIP-RAP ENERGY DISSIPATOR PER DETAIL ON SHEET 17
- (16) CONSTRUCT ARIZONA CROSSING PER SBORD STD. 200 AND PER DETAIL ON SHEET 2
- (25) CONSTRUCT 48" HDPE
- (26) CONSTRUCT 60" HDPE
- (37) PLACE 10' WIDE X 1.1' THICK NO. 2 BACKING RIP-RAP PER DETAIL ON SHEET 17
- (39) CONSTRUCT CONCRETE HEADWALL PER CALTRANS STD. PLAN D90
- (40) OVER EXCAVATE ARTIFICIAL FILL PER GEOTECH REPORT
- (41) PLACE 5.4" THICK 2 TON RIP RAP
- (42) CONSTRUCT CONCRETE INLET STRUCTURE PER DETAIL ON SHEET 4
- (45) PLACE 2.7" THICK 1/4 TON RIP RAP
- (46) PLACE 6" CLASS II BASE
- (48) CONSTRUCT 8'X3.5' CONCRETE CUTOFF WALL

DETAIL - CONCRETE DROP INLET (NTS)



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BENCHMARK
No. 10105 (RANCHO CUCAMONGA)
CITY OF RANCHO CUCAMONGA BENCH MARK F.D. 2" BRASS DISK "CITY OF RC BENCH MARK 10105 (1894.77)"
ELEVATION: 1894.77

SEAL - ENGINEER
REGISTERED PROFESSIONAL ENGINEER
DIVISION R. SHEETS
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STATE OF CALIFORNIA

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MARK	REVISIONS	APPR	DATE

FIELD BOOK REF.
COUNTY OF SAN BERNARDINO - SPECIAL DISTRICTS DEPARTMENT
ASSESSMENT DISTRICT 2018-1
APPROVED BY:
SPECIAL DISTRICT DEPARTMENT DATE

ASSESSMENT DISTRICT 2018-1
RANCHO CUCAMONGA, CALIFORNIA
SNOWDROP ROAD
STORM DRAIN LINE J AND LINE K
SCALE:
HORIZ: AS SHOWN VERT: AS SHOWN

W.O. NO.: 16-3008
ROAD NO.:
FILE NO.:
SHEET 04 OF 19

NOVEMBER 6, 2019

2320 -

2300 -

2280 -

2320 -

2300 -

2280 -

2380 -

2360 -

2340 -

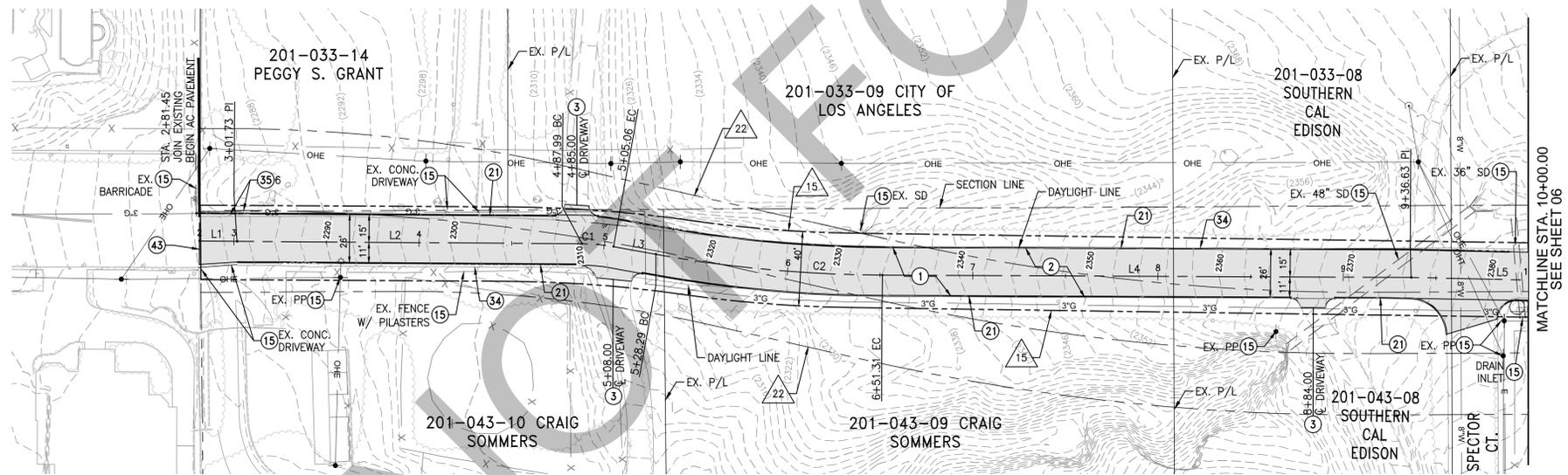
2380 -

2360 -

2340 -

2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00

PROFILE SCALES
HORIZ. 1"=40'
VERT. 1"=8'



- CONSTRUCTION NOTES:**
- ① CONSTRUCT 4" A.C. OVER 8" CL II BASE
 - ② PULVERIZE EXISTING AC ROAD AND GRADE, SHAPE AND COMPACT
 - ③ CONSTRUCT 3 1/2" A.C. OVER NATIVE (DRIVEWAYS)
 - ⑮ PROTECT IN PLACE AS SHOWN ON PLAN
 - ⑰ CONSTRUCT 6" AC BERM PER SPPWC 2012 STD. PLAN 120-2 (D1-6)
 - ⑳ REMOVE EXISTING AC BERM
 - ㉑ RELOCATE EXISTING MAILBOX
 - ㉒ SAWCUT AND JOIN EX. PAV'T PER DETAIL ON SHEET 2

SEE SHEET 19 FOR EASEMENT NOTES

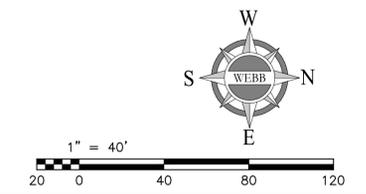
LINE TABLE

LINE #	BEARING	LENGTH
L1	N00°23'49"E	20.28
L2	N00°23'49"E	186.26
L3	N10°10'53"E	23.23
L4	N00°15'07"E	285.32
L5	N01°17'14"E	108.04

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C1	17.08	100.00	9°47'04"	8.56
C2	123.02	709.85	9°55'47"	61.66

ARCHIBALD AVENUE



Underground Service Alert

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TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK
No. 10105 (RANCHO CUCAMONGA)

CITY OF RANCHO CUCAMONGA BENCH MARK F.D. 2" BRASS DISK "CITY OF RC BENCH MARK 10105 (1894.77)"

ELEVATION: 1894.77

SEAL - ENGINEER

REGISTERED PROFESSIONAL ENGINEER
DILESH R. SHETH
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Dilesh Sheth
PROJECT ENGINEER
C65078
R.C.E. NO.

FIELD BOOK REF.

MARK	REVISIONS	APPR	DATE

COUNTY OF SAN BERNARDINO - SPECIAL DISTRICTS DEPARTMENT

ASSESSMENT DISTRICT 2018-1

APPROVED BY: _____

SPECIAL DISTRICT DEPARTMENT _____ DATE _____

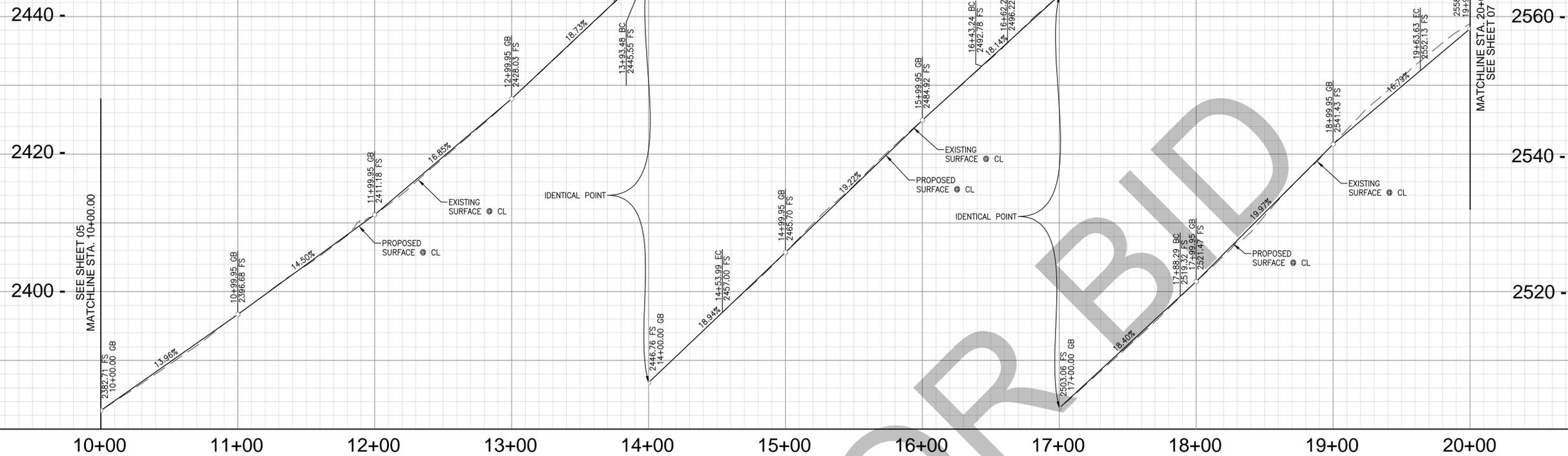
ASSESSMENT DISTRICT 2018-1
RANCHO CUCAMONGA, CALIFORNIA

ARCHIBALD AVENUE
ROADWAY PLAN & PROFILE
STA. 2+81.45 TO STA. 10+00.00

SCALE:
HORIZ: AS SHOWN VERT: AS SHOWN

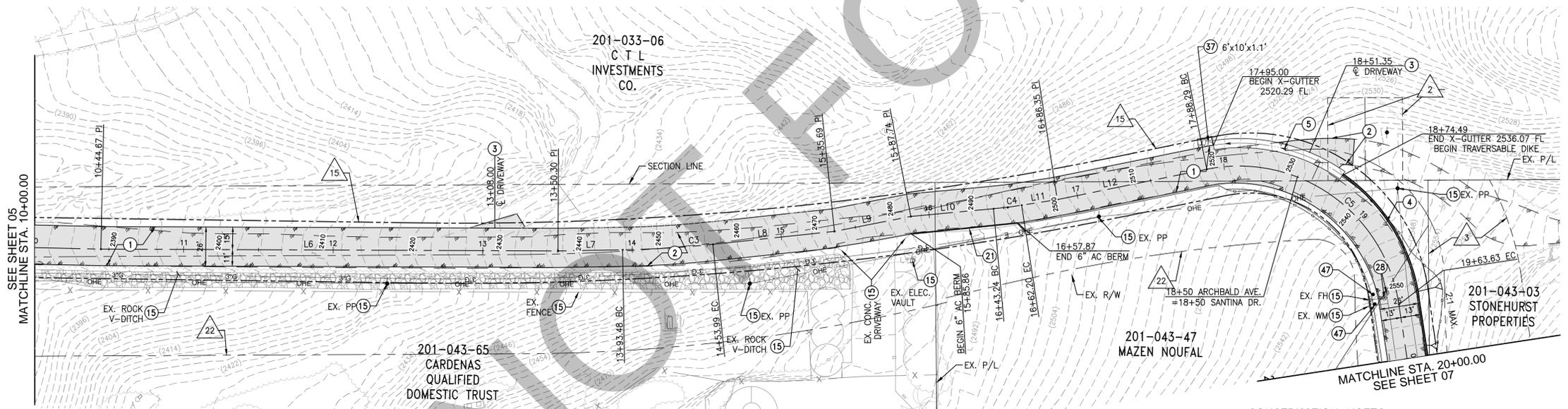
W.O. NO.: 16-3008
ROAD NO.:
FILE NO.:
SHEET 05 OF 19

NOVEMBER 6, 2019



PROFILE SCALES
 HORIZ. 1"=40'
 VERT. 1"=8'

10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00



CONSTRUCTION NOTES:

- ① CONSTRUCT 4" A.C. OVER 8" CL II BASE
- ② PULVERIZE EXISTING AC ROAD AND GRADE, SHAPE AND COMPACT
- ③ CONSTRUCT 3 1/2" A.C. OVER NATIVE (DRIVERWAYS)
- ④ CONSTRUCT TRAVERSABLE DIKE PER SBORD STD. 117A
- ⑤ CONSTRUCT 6" CROSS GUTTER PER SBORD STD. 119
- ⑮ PROTECT IN PLACE AS SHOWN ON PLAN
- ⑳ CONSTRUCT 6" AC BERM PER SPPWC 2012 STD. PLAN 120-2 (D1-6)
- ㉘ ADJUST WATER VALVE TO GRADE PER C.V.W.D. STD. DWG. 115
- ㉟ PLACE 10" WIDE X 1.1" THICK NO. 2 BACKING RIP-RAP PER DETAIL ON SHEET 17
- ㊿ CONSTRUCT FIRE HYDRANT BARRICADE (BOLLARDS) PER C.V.W.D. STD. DWG. 114

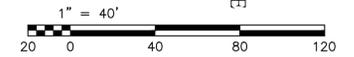
SEE SHEET 19 FOR EASEMENT NOTES

ARCHIBALD AVENUE

LINE #	BEARING	LENGTH
L6	N00°13'36"E	305.62
L7	N00°58'12"W	43.18
L8	N06°02'02"W	81.70
L9	N10°58'28"W	52.05

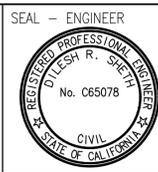
LINE #	BEARING	LENGTH
L10	N05°19'02"W	55.50
L11	N08°49'23"W	24.15
L12	N11°26'11"W	101.94

CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C3	60.50	684.56	5°03'51"	30.27
C4	18.96	309.89	3°30'21"	9.48
C5	175.34	108.23	92°49'31"	113.70



Underground Service Alert
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 WWW.call811.com
 TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK
 No. 10105 (RANCHO CUCAMONGA)
 CITY OF RANCHO CUCAMONGA BENCH MARK F.D. 2" BRASS DISK
 "CITY OF RC BENCH MARK 10105 (1894.77)"
 ELEVATION: 1894.77

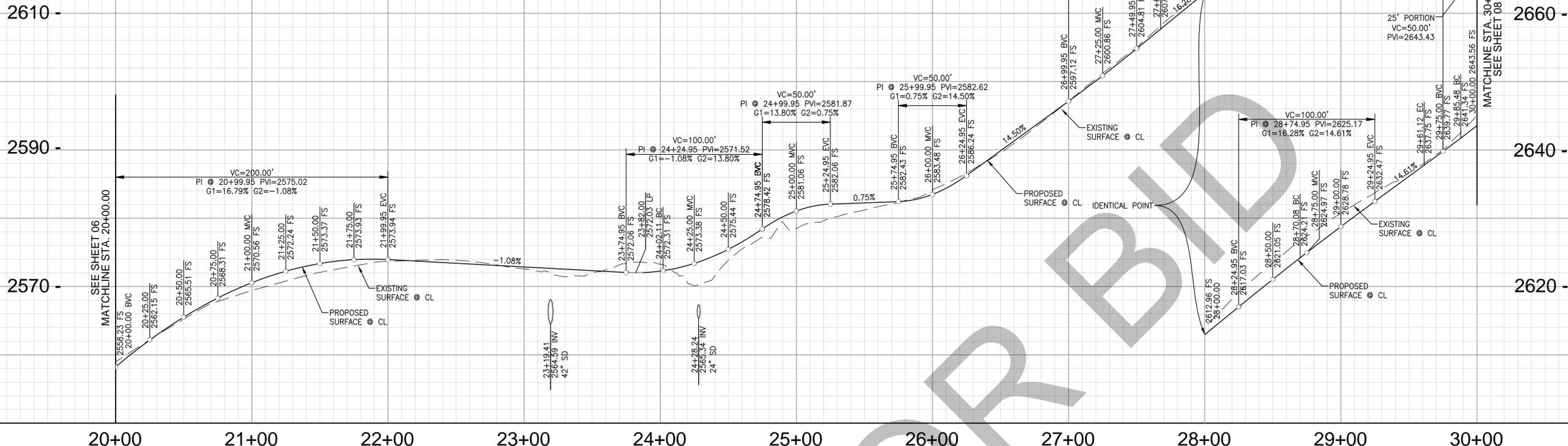


ALBERT A. WEBB ASSOCIATES
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 3788 McCRA Y STREET
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 PH. (951) 686-1070
 FAX (951) 788-1256
 PROJECT ENGINEER
 C65078 R.C.E. NO.

MARK	REVISIONS	APPR	DATE

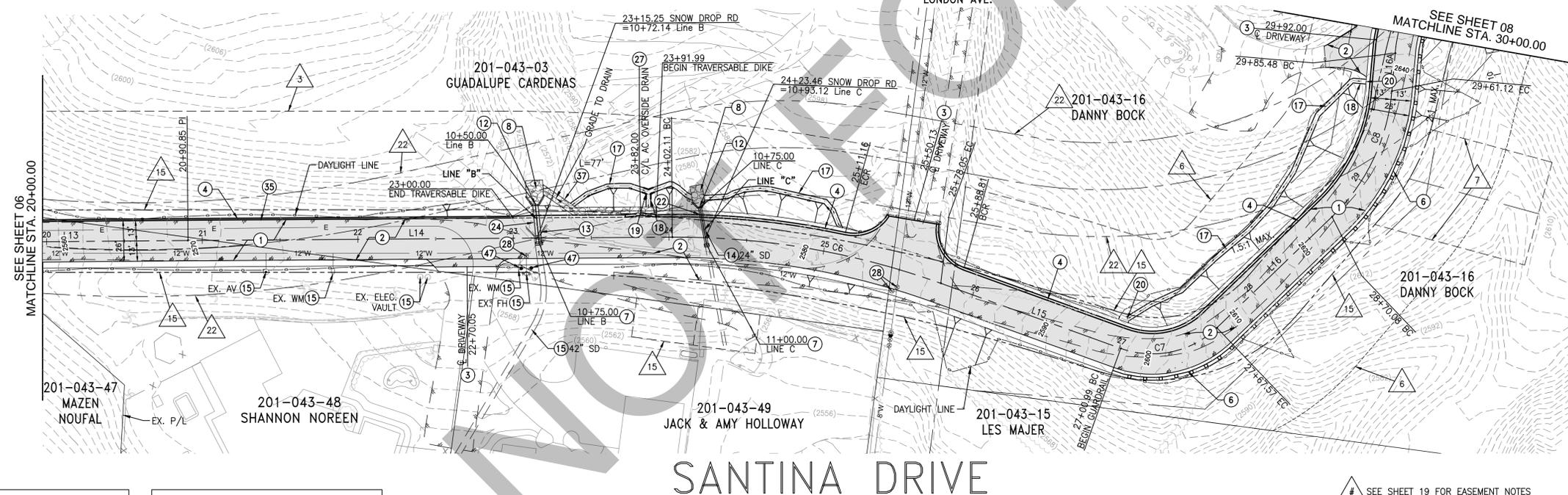
COUNTY OF SAN BERNARDINO - SPECIAL DISTRICTS DEPARTMENT
ASSESSMENT DISTRICT 2018-1
 APPROVED BY: _____
 SPECIAL DISTRICT DEPARTMENT _____ DATE _____

ASSESSMENT DISTRICT 2018-1
 RANCHO CUCAMONGA, CALIFORNIA
ARCHIBALD AVE. & SANTINA DR.
 ROADWAY PLAN & PROFILE
 STA. 10+00.00 TO STA. 20+00.00
 SCALE: HORIZ: AS SHOWN VERT: AS SHOWN
 W.O. NO.: 16-3008
 ROAD NO.: _____
 FILE NO.: _____
 SHEET 06 OF 19



PROFILE SCALES
 HORIZ. 1"=40'
 VERT. 1"=8'

20+00 21+00 22+00 23+00 24+00 25+00 26+00 27+00 28+00 29+00 30+00



- CONSTRUCTION NOTES:**
- 1) CONSTRUCT 4" A.C. OVER 8" CL II BASE
 - 2) PULVERIZE EXISTING AC ROAD AND GRADE, SHAPE AND COMPACT
 - 3) CONSTRUCT 3 1/2" A.C. OVER NATIVE (DRIVEWAYS)
 - 4) CONSTRUCT TRAVERSABLE DIKE PER SBCRD STD. 117A
 - 5) CONSTRUCT MIDWEST GUARDRAIL W/ TYPE A END CAP (EA. END) PER CALTRANS STD. PLAN RSP A77L1 AND RSP A77M1
 - 6) CONSTRUCT CONCRETE COLLAR FOR RCP PER SPPWC STD. DWG. 380-4
 - 7) CONSTRUCT RIP-RAP ENERGY DISSIPATOR PER DETAIL ON SHEET 17
 - 8) CONSTRUCT HEADWALL WING PER SBCRD STD. 209
 - 9) REMOVE EXISTING HEADWALL AND ANY INTERFERING STRUCTURES
 - 10) REMOVE EXISTING STORM DRAIN
 - 11) PROTECT IN PLACE AS SHOWN ON PLAN
 - 12) CONSTRUCT 36" INTERCEPTOR DRAIN PER DETAIL ON SHEET 17
 - 13) CONSTRUCT DOWN DRAIN PER DETAIL ON SHEET 17
 - 14) CONSTRUCT SPLASH WALL PER DETAIL AND NOTES ON SHEET 17
 - 15) CONSTRUCT DOWN DRAIN OUTLET PER DETAIL ON SHEET 17
 - 16) CONSTRUCT 24" HDPE
 - 17) CONSTRUCT 42" HDPE
 - 18) CONSTRUCT AC OVERSIDE DRAIN PER CALTRANS STD. PLAN D87D W/ 5'X5'X1.1' THICK NO. 2 BACKING RIP-RAP
 - 19) ADJUST WATER VALVE TO GRADE PER C.V.W.D. STD. DWG. 115
 - 20) RELOCATE EXISTING MAILBOX
 - 21) PLACE 10" WIDE X 1.1' THICK NO. 2 BACKING RIP-RAP PER DETAIL ON SHEET 17
 - 22) CONSTRUCT CONCRETE HEADWALL PER CALTRANS STD. PLAN D90
 - 23) CONSTRUCT FIRE HYDRANT BARRICADE (BOLLARDS) PER C.V.W.D. STD. DWG. 114

LINE TABLE

LINE #	BEARING	LENGTH
L13	N81°23'20"E	127.22
L14	N81°29'36"E	311.26
L15	S78°20'41"E	122.93
L16	N38°04'34"E	102.51
L16A	N03°08'53"W	24.37

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C6	175.95	500.00	20°09'43"	88.89
C7	66.58	60.00	63°34'44"	37.19
C8	91.04	126.53	41°13'27"	47.59

SANTINA DRIVE

Underground Service Alert
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 TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK
 No. 10105 (RANCHO CUCAMONGA)
 CITY OF RANCHO CUCAMONGA BENCH MARK F.D. 2" BRASS DISK
 "CITY OF RC BENCH MARK 10105 (1894.77)"
 ELEVATION: 1894.77

SEAL - ENGINEER
 REGISTERED PROFESSIONAL ENGINEER
 DILESH R. SHETH
 No. C65078
 CIVIL
 STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES
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 C65078
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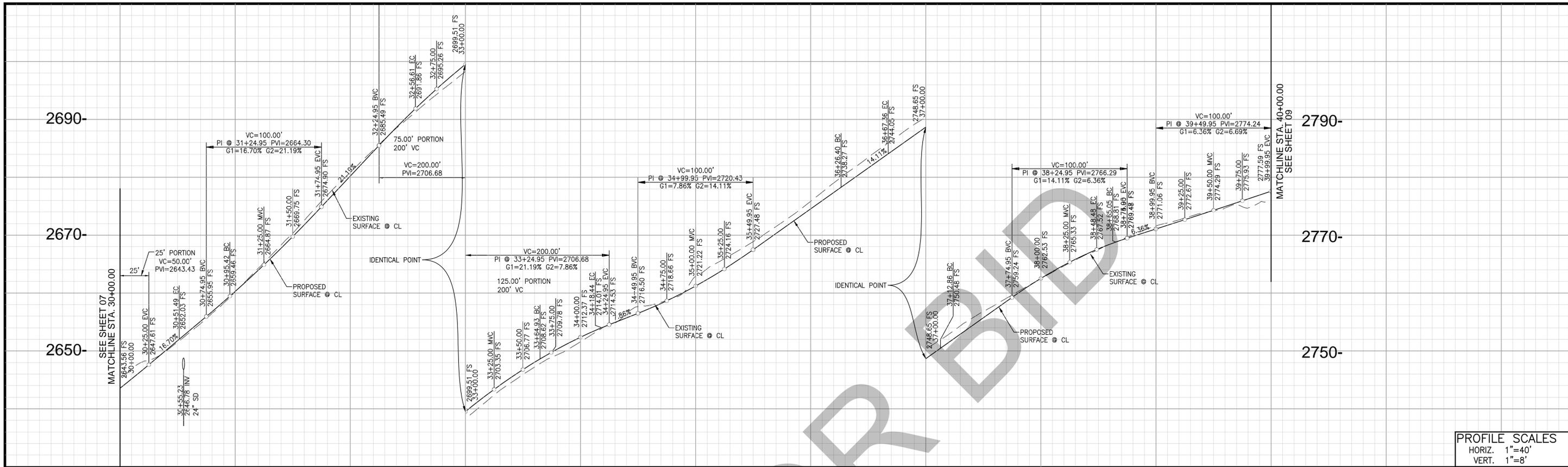
FIELD BOOK REF.

MARK	REVISIONS	APPR	DATE

COUNTY OF SAN BERNARDINO - SPECIAL DISTRICTS DEPARTMENT
ASSESSMENT DISTRICT 2018-1
 APPROVED BY: _____
 SPECIAL DISTRICT DEPARTMENT _____ DATE _____

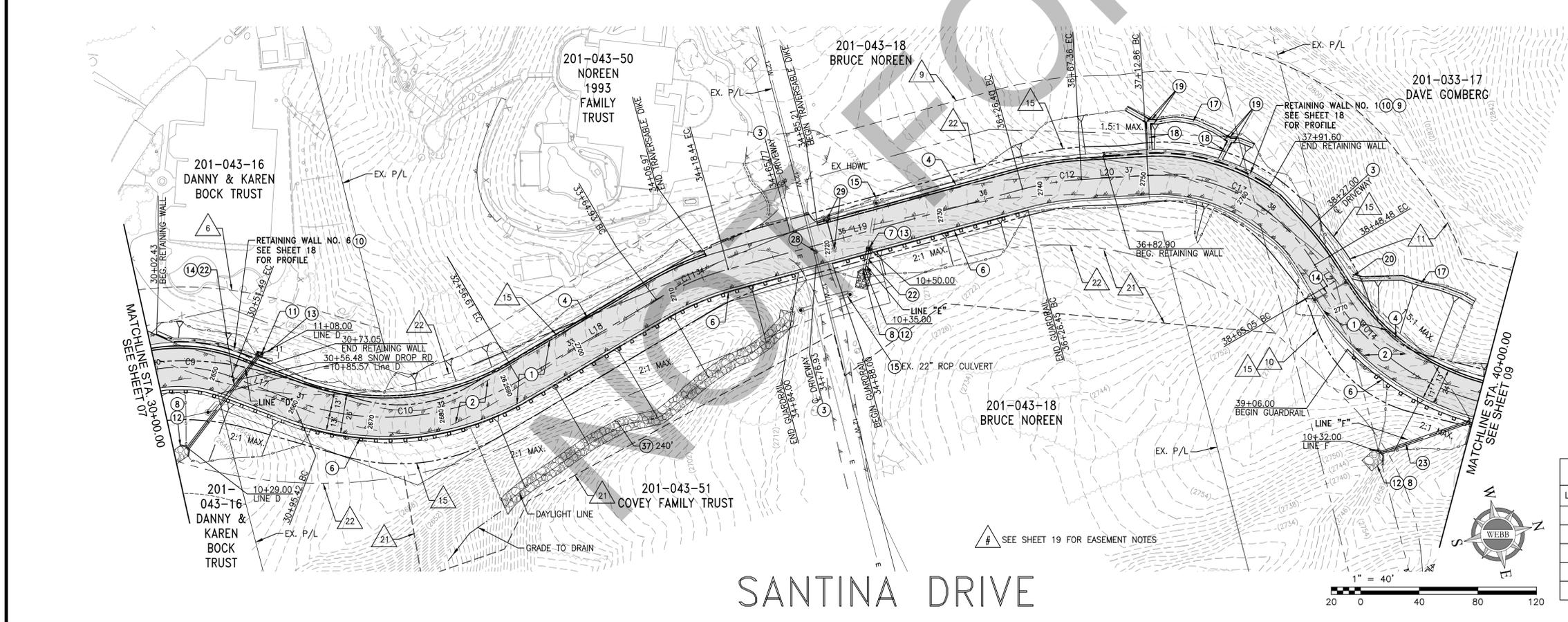
ASSESSMENT DISTRICT 2018-1
 RANCHO CUCAMONGA, CALIFORNIA
SANTINA DRIVE
 ROADWAY PLAN & PROFILE
 STA. 20+00.00 TO STA. 30+00.00
 SCALE: HORIZ: AS SHOWN VERT: AS SHOWN
 W.O. NO.: 16-3008
 ROAD NO.:
 FILE NO.:
 SHEET 07 OF 19

NOVEMBER 6, 2019



PROFILE SCALES
 HORIZ. 1"=40'
 VERT. 1"=8'

30+00 31+00 32+00 33+00 34+00 35+00 36+00 37+00 38+00 39+00 40+00



- CONSTRUCTION NOTES:**
- 1) CONSTRUCT 4" A.C. OVER 8" CL II BASE
 - 2) PULVERIZE EXISTING AC ROAD AND GRADE, SHAPE AND COMPACT
 - 3) CONSTRUCT 3 1/2" A.C. OVER NATIVE (DRIVEWAYS)
 - 4) CONSTRUCT TRAVERSABLE DIKE PER SBCRD STD. 117A
 - 5) CONSTRUCT MIDWEST GUARDRAIL W/ TYPE A END CAP (EA. END) PER CALTRANS STD. PLAN RSP A77L1 AND RSP A77M1
 - 6) CONSTRUCT CONCRETE COLLAR FOR RCP PER SPPWC STD. DWG. 380-4
 - 7) CONSTRUCT RIP-RAP ENERGY DISSIPATOR PER DETAIL ON SHEET 17
 - 8) CONSTRUCT WALL DRAIN WITH PIPE DOME PER SPPWC STD. PLAN 617-3
 - 9) CONSTRUCT RETAINING WALL PER SPPWC STD. PLAN 616-3 TYPE 7A OR 618-3 TYPE A (H=6' MAX), 613-4 (H12'), 612-3 (H>12') OR DESIGN/CONSTRUCT GRAVITY RETAINING WALL (THE CONTRACTOR HAS AN OPTION TO CONSTRUCT RETAINING WALLS PER SPPWC STANDARD PLANS AS SHOWN ON STREET IMPROVEMENT PLANS OR DESIGN AND CONSTRUCT GRAVITY RETAINING WALL USING INTER-BLOCK RETAINING SYSTEM OR EQUAL SPECIFICATION)
 - 10) CONSTRUCT DRAINAGE INLET TYPE G1 PER CALTRANS STD. PLAN RSP D73B
 - 11) CONSTRUCT HEADWALL WING PER SBCRD STD. 209
 - 12) REMOVE EXISTING HEADWALL AND ANY INTERFERING STRUCTURES
 - 13) REMOVE EXISTING STORM DRAIN
 - 14) PROTECT IN PLACE AS SHOWN ON PLAN
 - 15) CONSTRUCT 36" INTERCEPTOR DRAIN PER DETAIL ON SHEET 17
 - 16) CONSTRUCT DOWN DRAIN PER DETAIL ON SHEET 17
 - 17) CONSTRUCT SPLASH WALL PER DETAIL AND NOTES ON SHEET 17
 - 18) CONSTRUCT DOWN DRAIN OUTLET PER DETAIL ON SHEET 17
 - 19) CONSTRUCT 24" HDPE
 - 20) CONSTRUCT 36" HDPE
 - 21) ADJUST WATER VALVE TO GRADE PER C.V.W.D. STD. DWG. 115
 - 22) RELOCATE FIRE HYDRANT PER C.V.W.D. STD. DWG. 113
 - 23) PLACE 10' WIDE X 1.1' THICK NO. 2 BACKING RIP-RAP PER DETAIL ON SHEET 17

LINE #	BEARING	LENGTH
L17	N34°47'58"E	43.93
L18	N16°30'30"W	108.32
L19	N01°10'44"W	207.96
L20	N10°33'23"E	45.50
L21	N73°33'11"E	16.57

CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C9	66.01	99.67	37°56'51"	34.27
C10	161.19	180.00	51°18'28"	86.45
C11	53.51	200.00	15°19'47"	26.92
C12	40.96	200.00	11°44'07"	20.55
C13	135.62	123.35	62°59'47"	75.58
C14	136.35	170.00	45°57'16"	72.08

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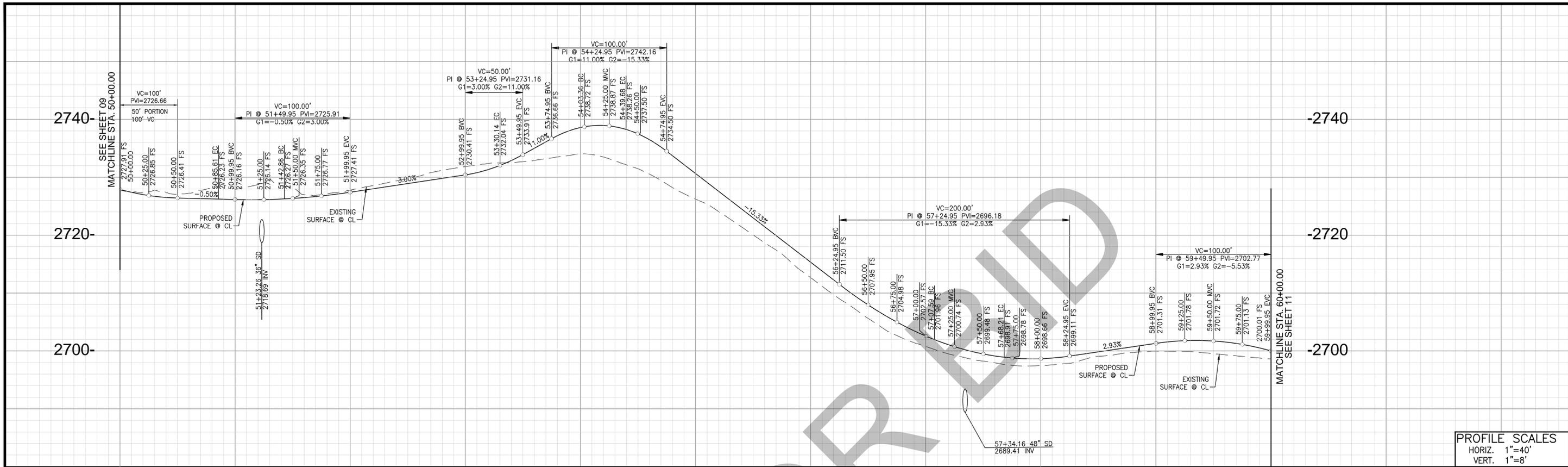
ALBERT A. WEBB ASSOCIATES
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MARK	REVISIONS	APPR	DATE

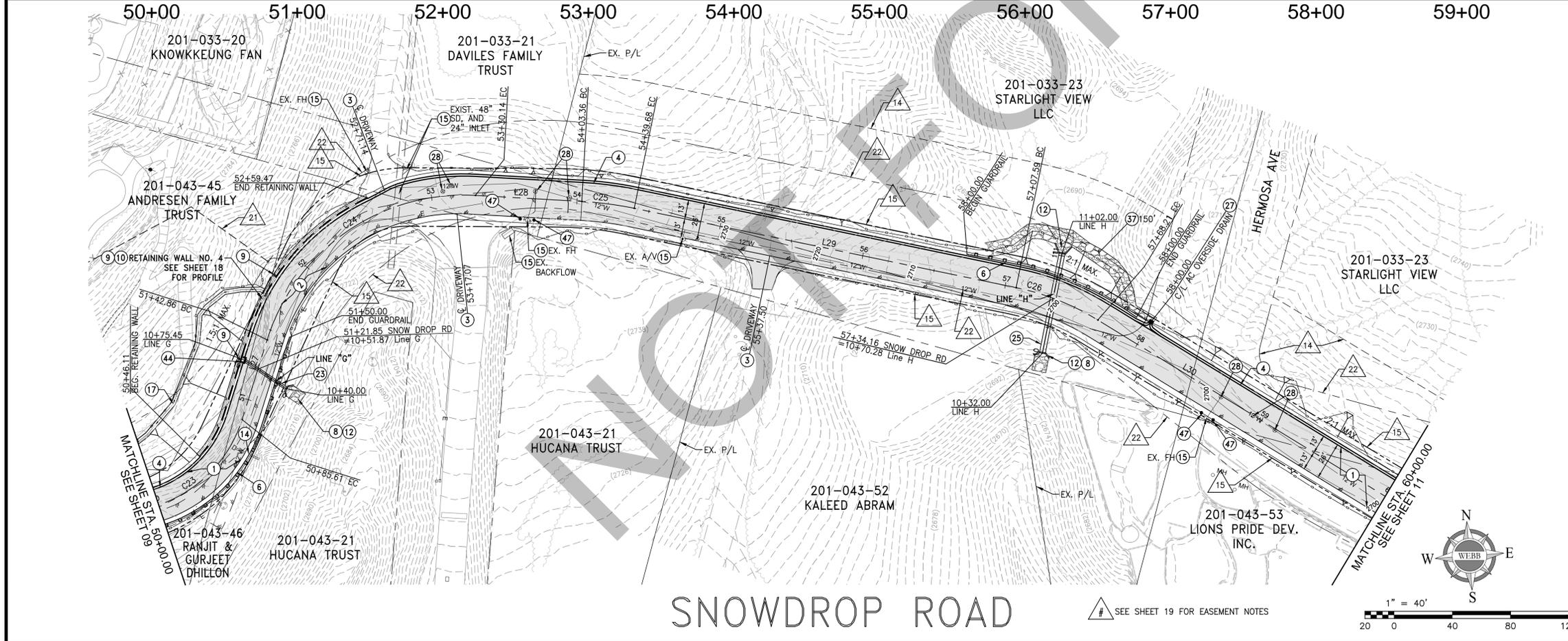
COUNTY OF SAN BERNARDINO - SPECIAL DISTRICTS DEPARTMENT
ASSESSMENT DISTRICT 2018-1
 APPROVED BY: _____
 SPECIAL DISTRICT DEPARTMENT _____ DATE _____

ASSESSMENT DISTRICT 2018-1
 RANCHO CUCAMONGA, CALIFORNIA
SANTINA DRIVE
 ROADWAY PLAN & PROFILE
 STA. 30+00.00 TO STA. 40+00.00
 SCALE: HORIZ: AS SHOWN VERT: AS SHOWN
 W.O. NO.: 16-3008
 ROAD NO.: _____
 FILE NO.: _____
 SHEET 08 OF 19

NOVEMBER 6, 2019



PROFILE SCALES
 HORIZ. 1"=40'
 VERT. 1"=8'



- CONSTRUCTION NOTES:**
- 1) CONSTRUCT 4" A.C. OVER 8" CL II BASE
 - 2) PULVERIZE EXISTING AC ROAD AND GRADE, SHAPE AND COMPACT
 - 3) CONSTRUCT 3 1/2" A.C. OVER NATIVE (DRIVEWAYS)
 - 4) CONSTRUCT TRAVERSABLE DIKE PER SBGRD STD. 117A
 - 5) CONSTRUCT MIDWEST GUARDRAIL W/ TYPE A END CAP (EA. END) PER CALTRANS STD. PLAN RSP A77L1 AND RSP A77M1
 - 6) CONSTRUCT RIP-RAP ENERGY DISSIPATOR PER DETAIL ON SHEET 17
 - 9) CONSTRUCT WALL DRAIN WITH PIPE DOME PER SPPWC STD. PLAN 617-3
 - 10) CONSTRUCT RETAINING WALL PER SPPWC STD. PLAN 616-3 TYPE 7A OR 618-3 TYPE A (H=6" MAX), 613-4 (H12'), 612-3 (H>12') OR DESIGN/CONSTRUCT GRAVITY RETAINING WALL (THE CONTRACTOR HAS AN OPTION TO CONSTRUCT RETAINING WALLS PER SPPWC STANDARD PLANS AS SHOWN ON STREET IMPROVEMENT PLANS OR DESIGN AND CONSTRUCT GRAVITY RETAINING WALL USING INTER-BLOCK RETAINING SYSTEM OR EQUAL SPECIFICATION)
 - 12) CONSTRUCT HEADWALL WING PER SBGRD STD. 209
 - 14) REMOVE EXISTING STORM DRAIN
 - 15) PROTECT IN PLACE AS SHOWN ON PLAN
 - 17) CONSTRUCT 36" INTERCEPTOR DRAIN PER DETAIL ON SHEET 17
 - 18) CONSTRUCT DOWN DRAIN PER DETAIL ON SHEET 17
 - 22) CONSTRUCT 24" HOPE
 - 23) CONSTRUCT 36" HOPE
 - 25) CONSTRUCT 48" HOPE
 - 27) CONSTRUCT AC OVERSIDE DRAIN PER CALTRANS STD. PLAN D87D W/ 5'X5'X1.1' THICK NO. 2 BACKING RIP RAP
 - 28) ADJUST WATER VALVE TO GRADE PER C.V.W.D. STD. DWG. 115
 - 57) PLACE 10" WIDE X 1.1' THICK NO. 2 BACKING RIP-RAP PER DETAIL ON SHEET 17
 - 44) CONSTRUCT DRAINAGE INLET TYPE G1 PER CALTRANS STD. PLAN RSP D73D
 - 47) CONSTRUCT FIRE HYDRANT BARRICADE (BOLLARDS) PER C.V.W.D. STD. DWG. 114

LINE TABLE			CURVE TABLE				
LINE #	BEARING	LENGTH	CURVE #	LENGTH	RADIUS	DELTA	TANGENT
L27	N01°43'30"E	57.25	C23	93.32	90.00	59°24'42"	51.35
L28	N77°28'39"E	73.22	C24	187.28	141.65	75°45'08"	110.18
L29	N85°56'14"E	267.91	C25	36.32	246.00	8°27'35"	18.19
L30	S74°19'43"E	312.69	C26	60.62	176.00	19°44'03"	30.61

Underground Service Alert
 Call: TOLL FREE 811
 WWW.call811.com
 TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK
 No. 10105 (RANCHO CUCAMONGA)
 CITY OF RANCHO CUCAMONGA BENCH MARK F.D. 2" BRASS DISK
 "CITY OF RC BENCH MARK 10105 (1894.77)"
 ELEVATION: 1894.77

SEAL - ENGINEER
 REGISTERED PROFESSIONAL ENGINEER
 DILESH R. SHETH
 No. C65078
 CIVIL
 STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES
 ENGINEERING CONSULTANTS
 3788 McCRAY STREET
 RIVERSIDE CA. 92506
 PH. (951) 686-1070
 FAX (951) 788-1256
 C65078
 R.C.E. NO.

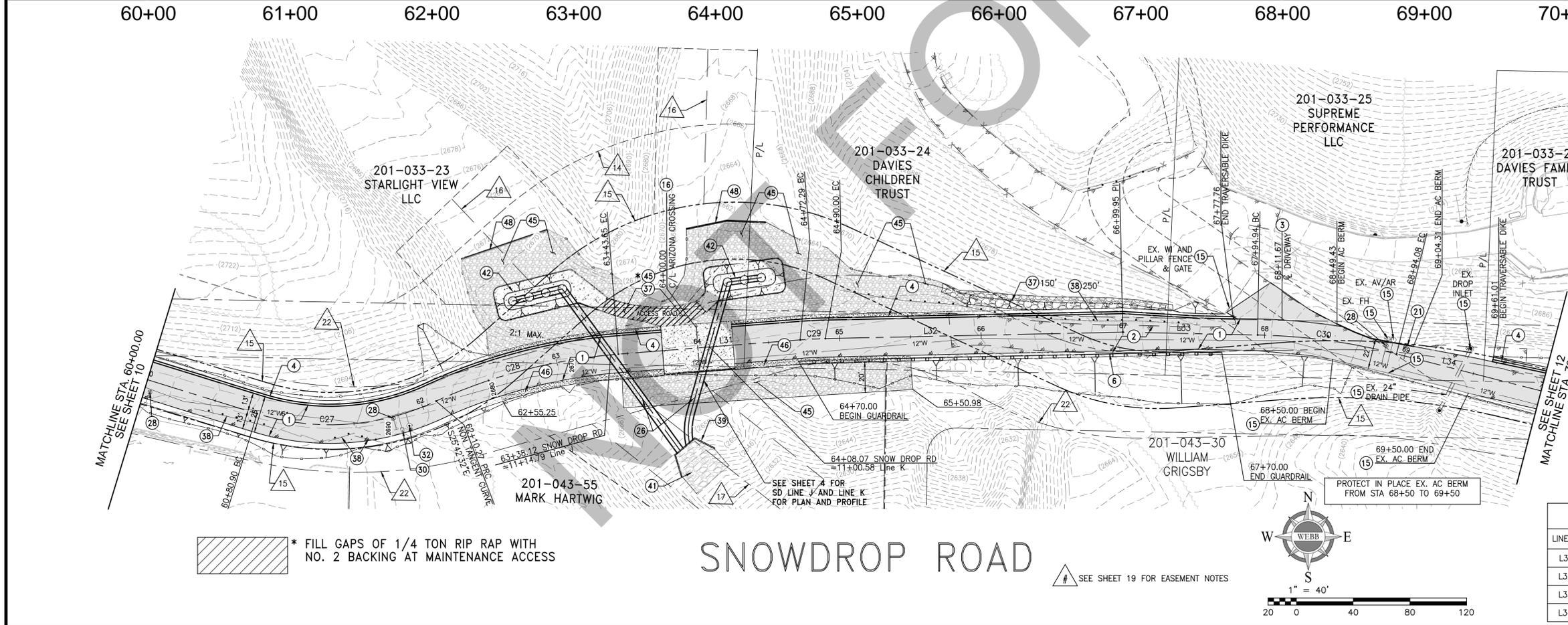
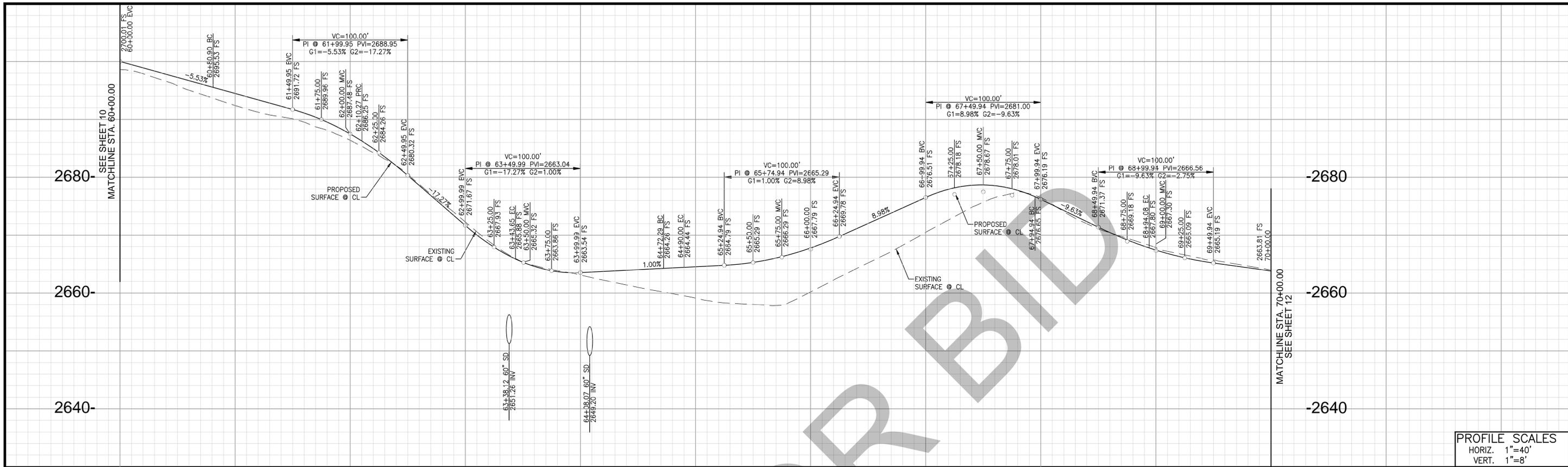
FIELD BOOK REF.

MARK	REVISIONS	APPR	DATE

COUNTY OF SAN BERNARDINO - SPECIAL DISTRICTS DEPARTMENT
ASSESSMENT DISTRICT 2018-1
 APPROVED BY: _____
 SPECIAL DISTRICT DEPARTMENT _____ DATE _____

ASSESSMENT DISTRICT 2018-1
 RANCHO CUCAMONGA, CALIFORNIA
SNOWDROP ROAD
 ROADWAY PLAN & PROFILE
 STA. 50+00.00 TO STA. 60+00.00
 SCALE: HORIZ: AS SHOWN VERT: AS SHOWN
 W.O. NO.: 16-3008
 ROAD NO.: _____
 FILE NO.: _____
 SHEET 10 OF 19

NOVEMBER 6, 2019



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 - 15 PROTECT IN PLACE AS SHOWN ON PLAN
 - 16 CONSTRUCT ARIZONA CROSSING PER SBCRD STD. 200 AND PER DETAIL ON SHEET 2
 - 18 CONSTRUCT 6" AC BERM PER SPPWC 2012 STD. PLAN 120-2 (01-6)
 - 26 CONSTRUCT 60" HDPE
 - 28 ADJUST WATER VALVE TO GRADE PER C.V.W.D. STD. DWG. 115
 - 29 RELOCATE FIRE HYDRANT PER C.V.W.D. STD. DWG. 113
 - 30 RELOCATE WATER METER PER C.V.W.D. STD. DWG. 102
 - 31 RELOCATE WATER AIR RELEASE VALVE PER C.V.W.D. STD. DWG. 120
 - 32 RELOCATE WATER BLOW OFF PER C.V.W.D. STD. DWG. 119
 - 37 PLACE 10' WIDE X 1.1' THICK NO. 2 BACKING RIP-RAP PER DETAIL ON SHEET 17
 - 38 REMOVE EX. K-RAIL
 - 39 CONSTRUCT CONCRETE HEADWALL PER CALTRANS STD. PLAN D90
 - 41 PLACE 5.4' THICK 2 TON RIP RAP
 - 42 CONSTRUCT CONCRETE INLET STRUCTURE PER DETAIL ON SHEET 4
 - 45 PLACE 2.7" THICK 1/4 TON RIP RAP
 - 46 PLACE 6" CLASS II BASE
 - 48 CONSTRUCT 8"x3.5' CONCRETE CUTOFF WALL

LINE TABLE			CURVE TABLE				
LINE #	BEARING	LENGTH	CURVE #	LENGTH	RADIUS	DELTA	TANGENT
L31	N84°02'28"E	128.65	C27	129.37	174.99	42°21'29"	67.80
L32	N87°16'58"E	209.94	C28	133.38	387.00	19°44'50"	67.36
L33	N89°42'28"E	94.99	C29	17.71	313.00	3°14'30"	8.86
L34	S77°12'47"E	156.06	C30	99.15	434.32	13°04'46"	49.79

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