

# TOWN OF YUCCA VALLEY STREET IMPROVEMENT PLAN PALOMAR AVENUE

## GENERAL STREET NOTES

- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE SPECIFICATIONS CONTAINED WITHIN THE CONTRACT DOCUMENTS, THIS PLAN, THE STANDARD SPECIFICATIONS AND DRAWINGS FOR THE TOWN OF YUCCA VALLEY AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION) AND CALTRANS STANDARD PLANS & SPECIFICATIONS (LATEST EDITION) WHEN SPECIFIED.
- THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 811 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY UNTIL PROJECT COMPLETION AND ACCEPTANCE AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE TOWN OF YUCCA VALLEY AND THE DESIGN ENGINEER(S) HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK IN THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE TOWN OF YUCCA VALLEY OR DESIGN ENGINEER(S).
- CONSTRUCTION OPERATIONS AND MAINTENANCE OF EQUIPMENT WITHIN ONE HALF MILE OF HUMAN OCCUPANCY SHALL NOT BE CONDUCTED BETWEEN THE HOURS OF 8:00 P.M. AND 7:00 A.M., OR ANYTIME ON A SATURDAY, A SUNDAY OR A FEDERAL HOLIDAY, UNLESS OTHERWISE APPROVED BY THE TOWN ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND SHALL MAINTAIN ALL FACILITIES, COMPLETED AND UNCOMPLETED, UNTIL ACCEPTED BY THE TOWN.
- IMMEDIATELY FOLLOWING REMOVAL OF EXISTING PAVEMENT OR DIKE OR CURB AND/OR GUTTER, THE CONTRACTOR SHALL DILIGENTLY PURSUE THIS PORTION OF WORK UNTIL COMPLETION SO AS TO MINIMIZE DISRUPTION TO THE PUBLIC AND MINIMIZE EXPOSURE TO FLOOD-RELATED DAMAGE. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTY OWNERS FROM ANY AND ALL FLOOD DAMAGE. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE COURSES THROUGHOUT THE DURATION OF CONSTRUCTION SUCH THAT FLOODWATERS WILL NOT BE DAMMED OR DIVERTED WHICH COULD CONTRIBUTE TO FLOODING, EROSION OR DEPOSITION OF SAND OR OTHER DEBRIS.
- THE LOCATIONS OF KNOWN EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT.
- THE CONTRACTOR SHALL PROVIDE FOR THE TIE OUT OF ALL WATER VALVES AND SURVEY MONUMENTS, IF ANY, PRIOR TO CONSTRUCTION AND PRESENT A COPY OF SUCH TIES TO THE TOWN ENGINEER. REMOVAL AND REPLACEMENT OF MONUMENTS OR BENCHMARKS SHALL BE DONE BY A REGISTERED CIVIL ENGINEER WITH AN R.C.E. NUMBER BELOW 33965, OR A LICENSED LAND SURVEYOR ONLY. IF REQUIRED, APPROPRIATE CORNER RECORDS SHALL BE PREPARED AND FILED FOR RECORDATION.
- WHERE DAMAGE IS CAUSED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, REPAIR OR REPLACE DAMAGED FACILITIES PROMPTLY IN ACCORDANCE WITH TOWN SPECIFICATIONS AND/OR AS DIRECTED BY THE TOWN ENGINEER.

## PAVING NOTES

- ALL EXISTING IMPROVEMENTS INCLUDING CURB AND GUTTERS, SIDEWALKS, ASPHALT CONCRETE OR P.C.C. PAVING, WHICH ARE BEING JOINED OR MATCHED IN CONNECTION WITH THIS PROJECT, SHALL BE JOINED OR MATCHED IN A MANNER SATISFACTORY TO THE TOWN ENGINEER, INCLUDING NECESSARY SAW CUTTING, REMOVAL, REPLACEMENT AND CAPPING.
- THE FINISHED SURFACE OF THE SUBGRADE OR BASE COURSE SHALL BE WITHIN 0.05 FEET OF DESIGN ELEVATIONS. THE ASPHALTIC CONCRETE THICKNESS SHALL NOT BE LESS THAN 0.25 INCHES THAN THE DESIGN THICKNESS. A MINIMUM OF 3 CORES FOR EACH 1/2 MILE OF STREET (3 INCH MINIMUM DIAMETER) MAY BE OBTAINED BY THE TOWN FOR MEASUREMENT OF THICKNESS AND DENSITY. LOCATION OF CORES SHALL BE PER TOWN ENGINEER.
- A "TACK COAT" SHALL BE APPLIED BETWEEN PAVEMENT LAYERS, CONCRETE SURFACES AND ON EXISTING PAVEMENT TO BE RESURFACED AT THE RATE OF 0.10 GAL/YD. THE TACK COAT SHALL BE TYPE SSS1H ASPHALTIC EMULSION WITH 60-70 GRADE LIQUID ASPHALT.
- 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 TO THE SUBGRADE FOR ALL AREAS TO RECEIVE ASPHALT OR CONCRETE.
- ASPHALT CONCRETE PAVING SHALL BE ALLOWED IN ONE LIFT UP TO 3" THICKNESS UNLESS OTHERWISE SPECIFIED.
- THE ASPHALT DESIGN MUST MEET THE CALTRANS STANDARD SPECIFICATIONS, LATEST EDITION, SECTION 39, FOR TYPE B ASPHALT, 3/4" MAXIMUM MEDIUM AND 1/2" MAXIMUM MEDIUM. THE OIL SHALL BE PG 70-10.
- THE AGGREGATE BASE SHALL BE CLASS II, FOR 3/4" MAXIMUM ACCORDING TO THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS, SECTION 26, LATEST EDITION.

## BASIS OF BEARING

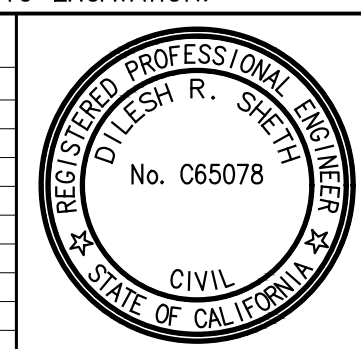
THE BASIS OF BEARING FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, CCS83 ZONE 6, BASED LOCALLY ON CONTROL STATIONS "P598", "P600", AND "RDMT" NAD 83(NRS2011) AS SHOWN HEREON. ALL BEARINGS SHOWN ON THIS MAP ARE GRID. QUOTED BEARINGS AND DISTANCES FROM REFERENCE MAPS OR DEEDS ARE AS 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 0.9998285481. N: 1871077.486, E: 7053191.175, USING AN ELEVATION OF 3313.59 (FEET).

## Underground Service Alert

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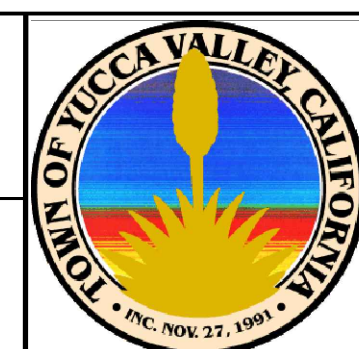
**BENCHMARK:**  
PID: EV3507, ELEV.=3172.51' (NAVD88)  
DESCRIBED BY NATIONAL GEODETIC SURVEY 1978 4.2 MI EAST FROM YUCCA VALLEY, 4.2 MILES EAST ALONG STATE HIGHWAY 62 FROM THE POST OFFICE AT YUCCA VALLEY, AT THE INTERSECTION OF HIGHWAY 62 AND INDIO AVENUE, 106.5 FT. NORTH OF THE CENTER LINE OF THE WESTBOUND LANES OF HIGHWAY 62, 61 FT. WEST OF THE CENTER LINE OF INDIO AVENUE, 35.5 FT. SOUTH OF THE SOUTHEAST CORNER OF DINO'S ITALIAN INN, IN TOP OF NORTH CURB OF TWENTY-NINE PALMS OUTER HIGHWAY.

MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'VD



PLANS PREPARED BY: **ALBERT A. WEBB ASSOCIATES**  
ENGINEERING CONSULTANTS  
3788 MCCRAY STREET  
RIVERSIDE CA. 92506  
PH. (951) 686-1070  
FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_  
DESIGNED BY: JLC CHECKED BY: LM  
ENGINEER R.C.E. NO. C65078 DATE \_\_\_\_\_

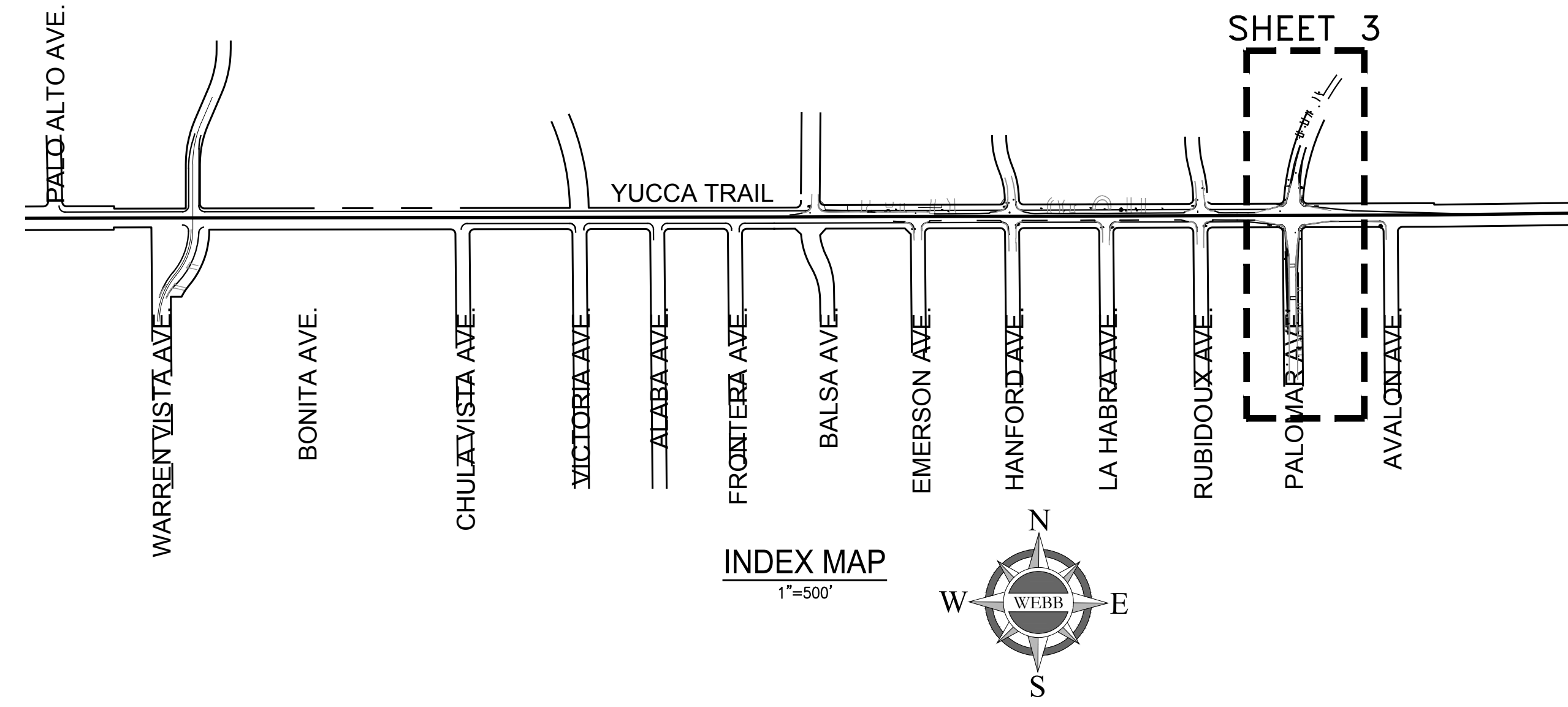
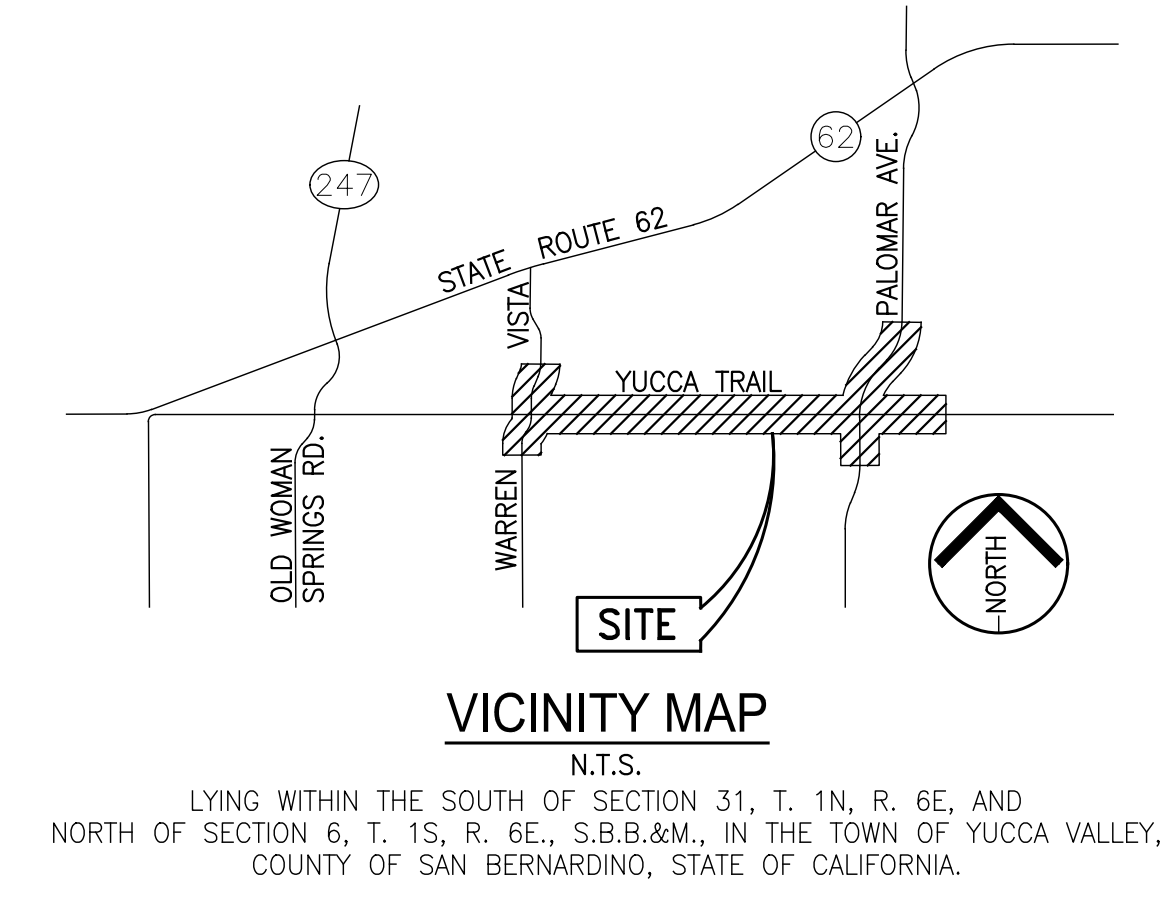


APPROVED BY: \_\_\_\_\_  
ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: \_\_\_\_\_  
NOEL OWSLEY, TOWN ENGINEER  
R.C.E. 39827 EXP. DATE 12/31/21

**TOWN OF YUCCA VALLEY**  
**STREET IMPROVEMENT PLANS**  
**PALOMAR AVENUE**  
**TITLE SHEET**

SHEET 1 OF 6 SHEETS  
DRAWING NO. \_\_\_\_\_



## ABBREVIATIONS

AC ASPHALT CONCRETE	HP HIGH POINT
ANGL. ANGLE	LP LOW POINT
AP ANGLE POINT	MH MANHOLE
BEG. BEGIN	MNT. MONUMENT
BCR BEGIN CURB RETURN	MTC MEDIAN TOP OF CURB
CATV. CABLE TELEVISION	MTR METER
COM. COMMUNICATION	PB PULL BOX
CB CATCH BASIN	PI POINT OF INTERSECTION
C&G CURB & GUTTER	P/L PROPERTY LINE
CONST. CONSTRUCTION	PP POWER POLE
DEFL. DEFLECTION	MON. PROPOSED
D/W DRIVEWAY	PVI POINT OF VERTICAL INTERSECTION
DI DROP INLET	RS ROAD SIGN
ECR END CURB RETURN	RW RECYCLED WATER
EOP EDGE OF PAVEMENT	R/W RIGHT OF WAY
ELEC. ELECTRICAL	SD STORM DRAIN
EX. EXISTING	SL STREET LIGHT
FG FINISHED GRADE	STA. STATION
FH FIRE HYDRANT	SRVY. SURVEY
FL FLOW LINE	SWR SEWER LINE
FS FINISH SURFACE	TC TOP OF CURB
GB GRADE BREAK	TS TRAFFIC SIGNAL
GV GAS VALVE	TYP TYPICAL
HDWD HIGH DESERT WATER DISTRICT	VC VERTICAL CURVE
	WTR WATER LINE

## UTILITIES

WATER	HI-DESERT WATER DISTRICT	(760) 365-8333
SEWER	HI-DESERT WATER DISTRICT	(760) 365-8333
ELECTRIC	SOUTHERN CALIFORNIA EDISON	(760) 369-5400
GAS	THE GAS COMPANY	(909) 335-7507
TELEPHONE	FRONTIER COMMUNICATIONS	(855) 284-2105
CABLE TV	SPECTRUM COMMUNICATIONS	(866) 874-2389

## 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 OWNER, BY ACCEPTING THESE PLANS OR PROCEEDING WITH THE IMPROVEMENTS PURSUANT THERETO AGREES TO ASSUME LIABILITY AND TO HOLD THE UNDERSIGNED HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON THE RECORDS EXAMINED.

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.

## LEGEND

---	EXISTING RIGHT-OF-WAY
---	EXISTING CENTERLINE
---	PROPOSED EDGE OF PAVEMENT (AC BERM)
---	PROPOSED EDGE OF PAVEMENT (AC DIKE)
---	PROPOSED EDGE OF PAVEMENT
---	SAWCUT
---	EXISTING EDGE OF PAVEMENT
---	NEW A.C. PAVEMENT
---	NEW CONCRETE
---	GRIND & OVERLAY
---	REMOVE EX. A.C. PAVEMENT
---	REMOVE EX. CONC. PAVEMENT
---	PROPOSED ELEVATION
---	EXISTING ELEVATION

## SHEET INDEX

SHEET 1	TITLE SHEET	
SHEET 2	STREET SECTIONS & DETAILS	
SHEET 3	PLAN & PROFILE - PALOMAR AVE.	10+50.00 TO 18+44.09
SHEET 4-5	SIGNING AND STRIPING PLANS	
SHEET 6	TRAFFIC SIGNAL PLAN	

## CONSTRUCTION NOTES

- CONSTRUCT 0.50' AC OVER NATIVE, GRADE AND COMPACT NATIVE TO 95% RELATIVE COMPACTION.
- CONSTRUCT 8" AC DIKE PER YUCCA VALLEY STD. NO. 202.
- CONSTRUCT 4" AC DIKE PER CALTRANS 2018 STD. PLAN A87B, TYPE E.
- CONSTRUCT EDGE OF PAVEMENT PER CALTRANS 2015 STD. PLAN NO. RSP P75, CASE A.
- SAWCUT EXISTING PAVEMENT.
- GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL ON SHEET 2.
- PROTECT IN PLACE.
- NOT USED.
- NOT USED.
- RELOCATE EXISTING MAIL BOX PER YUCCA VALLEY STD. NO. 500.
- NOT USED.
- NOT USED.
- REMOVE/RELOCATE EXISTING ROAD SIGN PER SIGNING & STRIPING PLAN.
- REMOVE EXISTING AC PAVEMENT AND MATERIAL DOWN 0.50'.
- REMOVE EXISTING AC BERM.
- REMOVE EXISTING CONCRETE DRIVEWAY
- RE-CONSTRUCT CONCRETE DRIVEWAY PER YUCCA VALLEY STD. NO. 210.
- REMOVE EXISTING AC DIKE.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.

## NOTICE TO CONTRACTOR

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; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FROM LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THESE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED IN FIELD BY THE CONTRACTOR, SO THAT ANY NECESSARY ADJUSTMENT CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY UTILITY LINES SHOWN AND ANY OTHER LINES NOT SHOWN ON THESE PLANS.

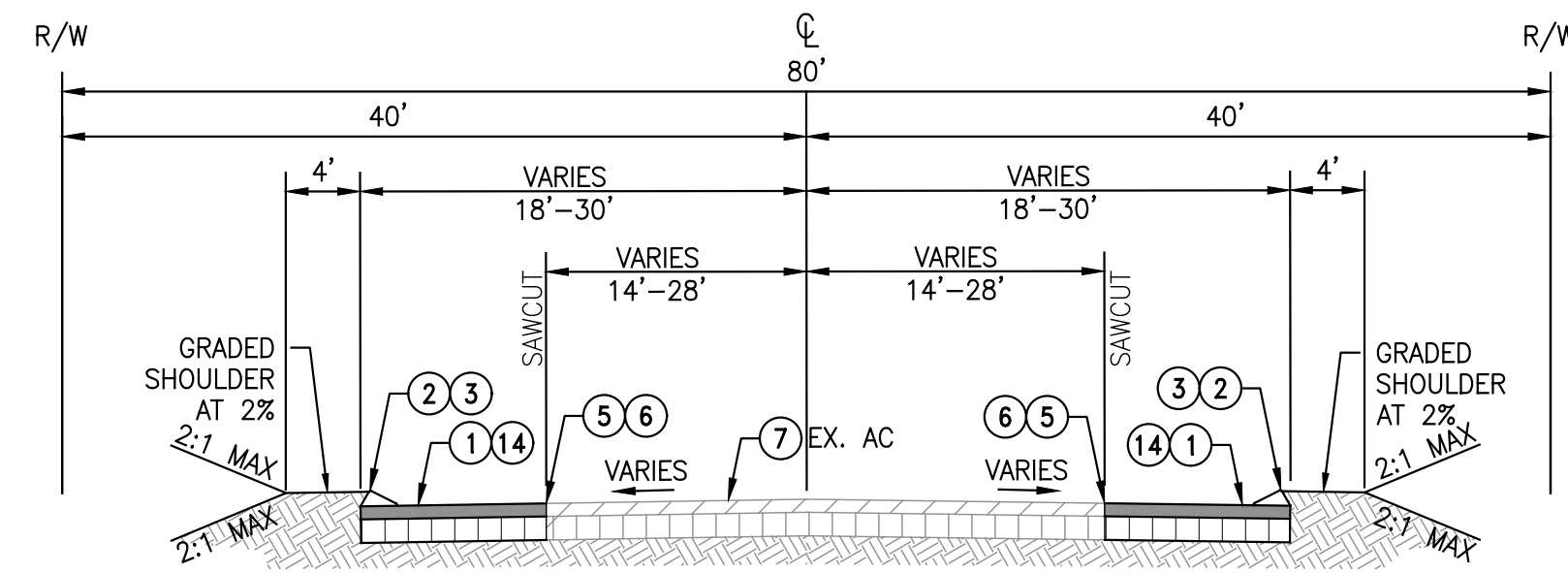
MAJOR ITEMS TO BE REMOVED HAVE BEEN NOTED ON THESE PLANS, HOWEVER THE CONTRACTOR IS TO WALK THE SITE FOR VERIFICATION OF ADDITIONAL SURFACE FEATURES REQUIRING REMOVAL. THE CONTRACTOR IS RESPONSIBLE TO REMOVE ALL OBJECTS AND MATERIALS (AC, CONCRETE, TREES, BUSHES, FENCING, ETC.) THAT ARE IN CONFLICT WITH THE NEW PROPOSED IMPROVEMENTS WHETHER CALLED-OUT OR NOT ON THE PLANS AND DISPOSE OF LEGALLY. CONTRACTOR IS TO BACKFILL ACCORDINGLY AND LEAVE SITE IN A RELATIVELY LEVEL CONDITION.

## NOTICE TO CONTRACTOR

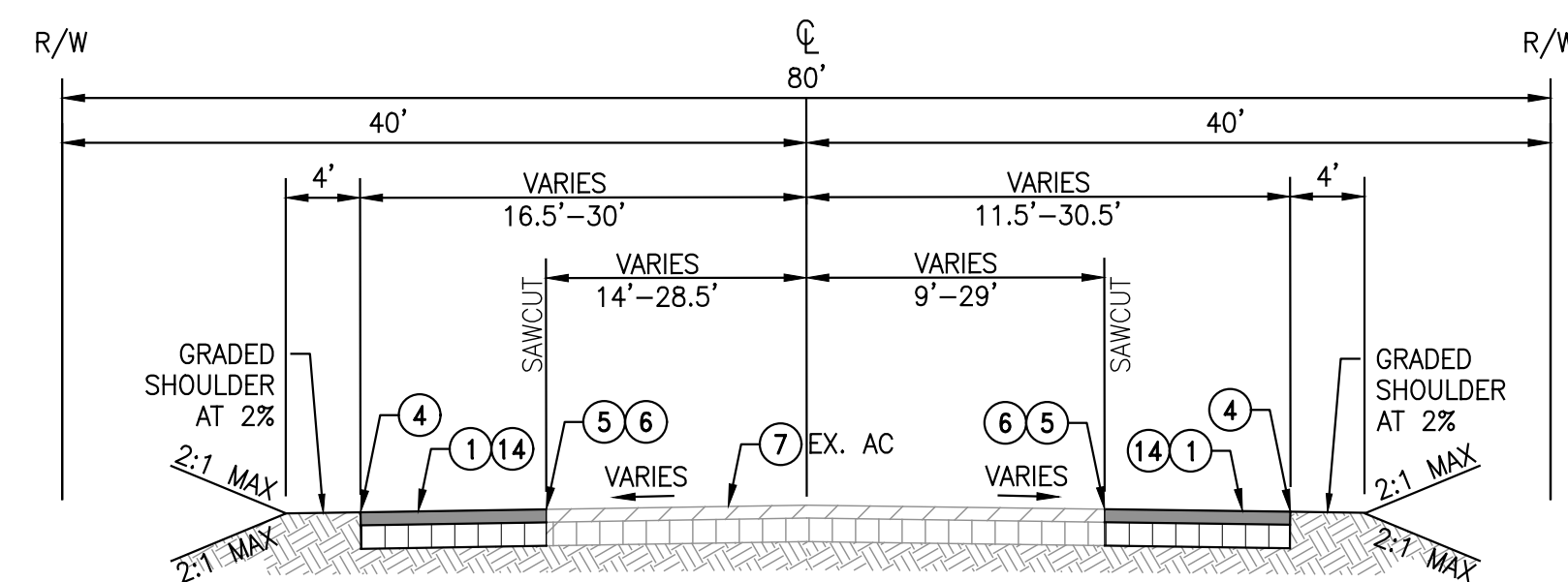
IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND ELEVATION OF THE EXISTING FACILITIES PRIOR TO THE START OF ANY CONSTRUCTION.

## ENGINEER OF RECORD

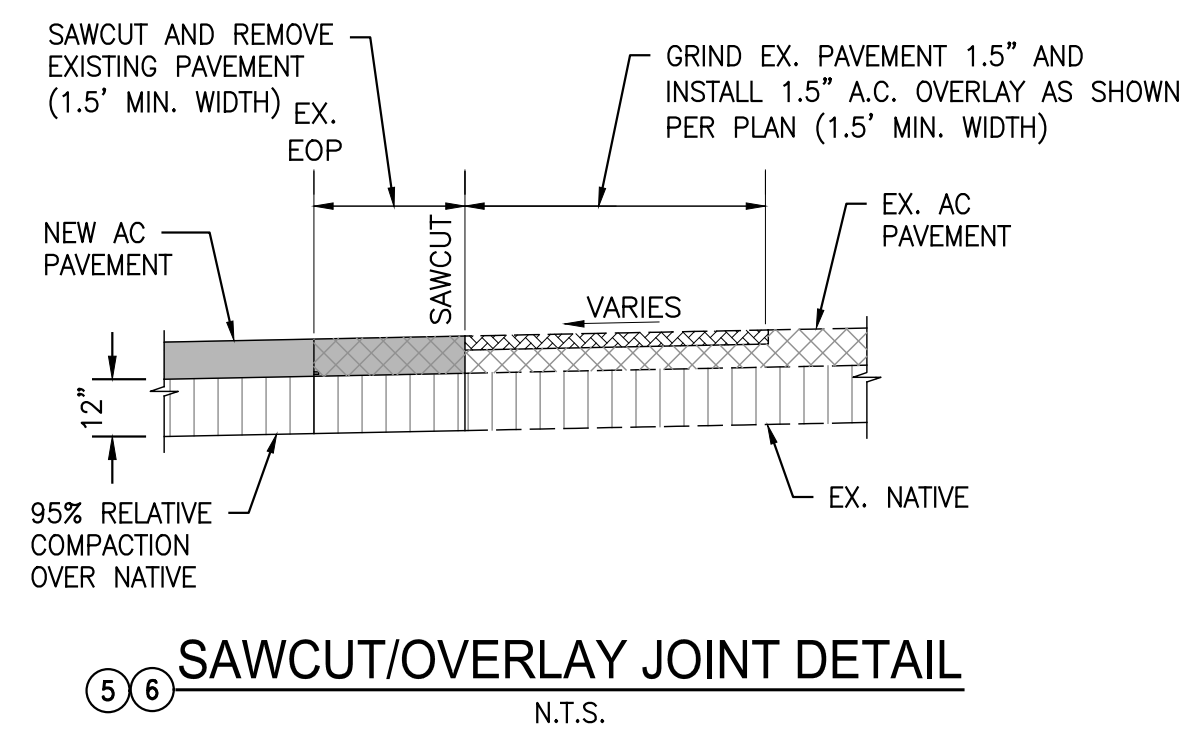
WEBB ASSOCIATES WAS RETAINED AS THE ENGINEER OF RECORD FOR THE DEVELOPMENT AND PROCESSING OF THESE PLANS FOR CONSTRUCTION PURPOSES. SAID PLANS HAVE BEEN REVIEWED AND APPROVED BY THE LOCAL GOVERNING AGENCY TO BE CONSTRUCTIBLE BASED ON LOCAL INDUSTRY STANDARDS. THIS DOES NOT MEAN, HOWEVER, THAT EVERY HORIZONTAL DIMENSION OR VERTICAL ELEVATION NECESSARY FOR CONSTRUCTION IS DELINEATED ON SAID DRAWINGS. ANY PART OF THESE DRAWINGS THAT IS TO BE USED IN STAKING THE PROPERTY HAS BEEN PREPARED BY WEBB WITH THE EXPECTATION AND ASSUMPTION THAT ANY STAKING, WHETHER BY WEBB, OWNER OR A THIRD PARTY, WILL BE PERFORMED UNDER THE SUPERVISION AND CONTROL OF A LICENSED LAND SURVEYOR AND WILL INCLUDE ON-SITE INTERPRETATION, VERIFICATION, CROSS-CHECKING AND FIELD CORRECTIONS OF PLANS, DRAWINGS, SURVEY INFORMATION AND ELECTRONIC DATA AT THE TIME OF ACTUAL STAKING OF THE PROPERTY PRIOR TO CONSTRUCTION.



**PALOMAR AVENUE**  
TYPICAL SECTION  
STA. 10+50.00 TO STA. 14+83.69  
N.T.S.



**PALOMAR AVENUE**  
TYPICAL SECTION  
STA. 16+08.46 TO STA. 18+44.09  
N.T.S.



**SAWCUT/OVERLAY JOINT DETAIL**  
N.T.S.

**CONSTRUCTION NOTES**

- ① CONSTRUCT 0.50" AC OVER NATIVE, GRADE AND COMPACT NATIVE TO 95% RELATIVE COMPACTION.
- ② CONSTRUCT 8" AC DIKE PER YUCCA VALLEY STD. NO. 200.
- ③ CONSTRUCT 4" AC DIKE PER CALTRANS 2018 STD. PLAN A87B, TYPE E.
- ④ CONSTRUCT EDGE OF PAVEMENT PER CALTRANS 2015 STD. PLAN NO. RSP P75, CASE A.
- ⑤ SAWCUT EXISTING PAVEMENT.
- ⑥ GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL ON SHEET 2.
- ⑦ PROTECT IN PLACE.
- ⑭ REMOVE EXISTING AC PAVEMENT AND MATERIAL DOWN 0.50".

**Underground Service Alert**



Call: TOLL FREE

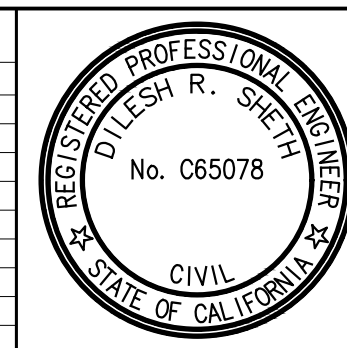
811

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**BENCHMARK:**  
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DESCRIBED BY NATIONAL GEODETIC SURVEY 1978 4.2 MI EAST FROM YUCCA VALLEY, ~ 4.2 MILES EAST ALONG STATE HIGHWAY 62 FROM THE POST OFFICE AT YUCCA VALLEY, AT THE INTERSECTION OF HIGHWAY 62 AND INDIO AVENUE, 106.5 FT. NORTH OF THE CENTER LINE OF THE WESTBOUND LANES OF HIGHWAY 62, 61 FT. WEST OF THE CENTER LINE OF INDIO AVENUE, 35.5 FT. SOUTH OF THE SOUTHEAST CORNER OF DINO'S ITALIAN INN, IN TOP OF NORTH CURB OF TWENTY-NINE PALMS OUTER HIGHWAY.

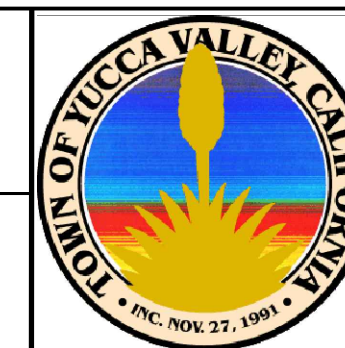
REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'VD



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PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_ DESIGNED BY: JLC CHECKED BY: LM

ENGINEER: \_\_\_\_\_ R.C.E. NO. C65078 DATE: \_\_\_\_\_

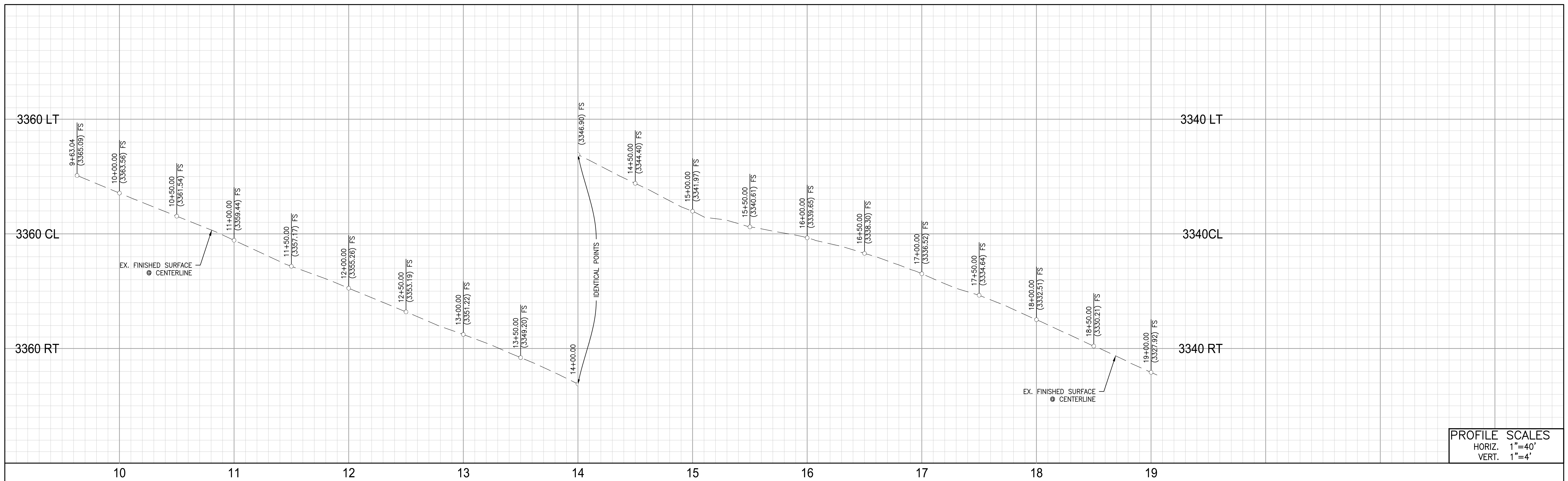


APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
R.C.E. 70102 EXP. DATE 09/30/20

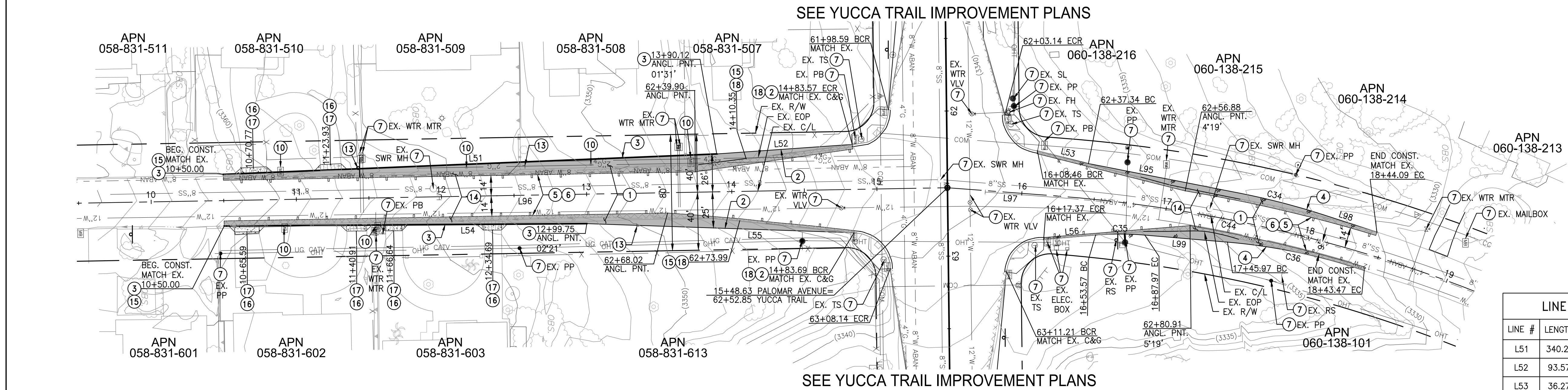
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NOEL OWSLEY, TOWN ENGINEER  
R.C.E. 39827 EXP. DATE 12/31/21

**TOWN OF YUCCA VALLEY**  
**STREET IMPROVEMENT PLANS**  
PALOMAR AVENUE  
STREET SECTIONS & DETAILS

SHEET  
**2**  
OF 6 SHEETS  
DRAWING NO.



**PROFILE SCALES**  
 HORIZ. 1"=40'  
 VERT. 1"=4'



- CONSTRUCTION NOTES**
- 1 CONSTRUCT 0.50' AC OVER NATIVE, GRADE AND COMPACT NATIVE TO 95% RELATIVE COMPACTION.
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  - 10 RELOCATE EXISTING MAIL BOX PER YUCCA VALLEY STD. NO. 500.
  - 13 REMOVE/RELOCATE EXISTING ROAD SIGN PER SIGNING & STRIPING PLAN.
  - 14 REMOVE EXISTING AC PAVEMENT AND MATERIAL DOWN 0.50'.
  - 15 REMOVE EXISTING AC BERM.
  - 16 REMOVE EXISTING CONCRETE DRIVEWAY
  - 17 RE-CONSTRUCT CONCRETE DRIVEWAY PER YUCCA VALLEY STD. NO. 210.
  - 18 REMOVE EXISTING AC DIKE.

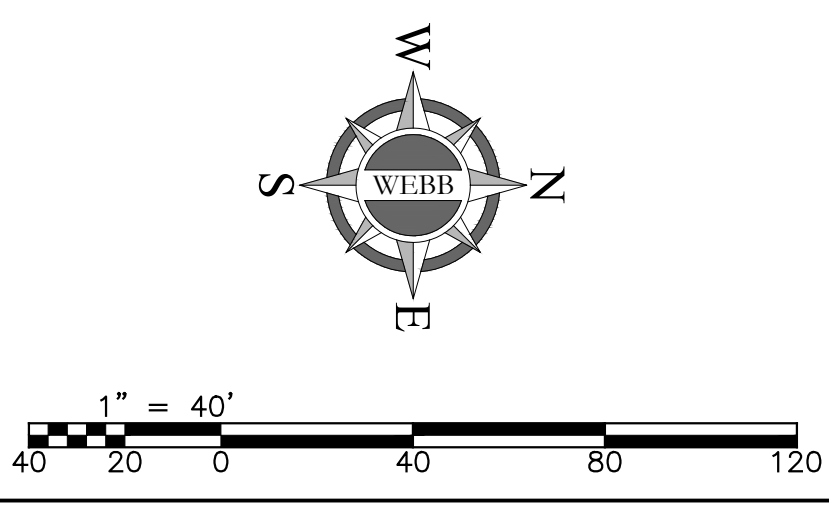
**LINE TABLE**

LINE #	LENGTH	DIRECTION
L51	340.21	N02° 22' 23"W
L52	93.57	S04° 00' 36"E
L53	36.27	N14° 05' 52"E
L54	249.77	N00° 22' 43"W
L55	184.18	N01° 56' 57"E
L56	35.93	N04° 51' 33"W
L95	106.28	N11° 04' 38"E
L96	498.63	S01° 01' 07"E
L97	75.00	N04° 19' 34"E
L98	38.65	N17° 54' 06"E
L99	57.16	N04° 51' 29"E

**CURVE TABLE**

CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C34	59.56	500.00	6°49'28"	29.81
C35	33.92	200.00	9°43'02"	17.00
C36	93.14	400.00	13°20'30"	46.78
C44	219.84	1000.00	12°35'46"	110.37

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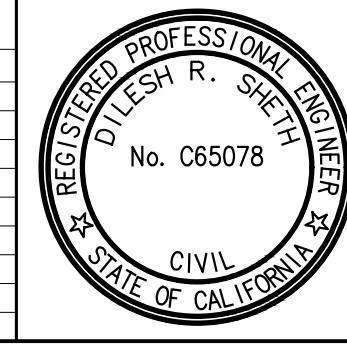
- LEGEND**
- [Solid Grey] NEW A.C. PAVEMENT
  - [Dotted Grey] NEW CONCRETE
  - [Cross-hatched] REMOVE EX. A.C. PAVEMENT
  - [Horizontal Lines] REMOVE EX. CONC. PAVEMENT

# PALOMAR AVENUE

**BENCHMARK:**  
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 DESCRIBED BY NATIONAL GEODETIC SURVEY 1978 4.2 MI EAST FROM YUCCA VALLEY, - 4.2 MILES EAST ALONG STATE HIGHWAY 62 FROM THE POST OFFICE AT YUCCA VALLEY, AT THE INTERSECTION OF HIGHWAY 62 AND INDIO AVENUE, 106.5 FT. NORTH OF THE CENTER LINE OF THE WESTBOUND LANES OF HIGHWAY 62, 61 FT. WEST OF THE CENTER LINE OF INDIO AVENUE, 35.5 FT. SOUTH OF THE SOUTHEAST CORNER OF DINO'S ITALIAN INN, IN TOP OF NORTH CURB OF TWENTY-NINE PALMS OUTER HIGHWAY.

**REVISIONS**

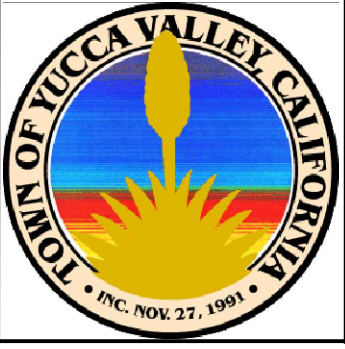
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PREPARED UNDER THE SUPERVISION OF: [Signature]  
 DESIGNED BY: JLC CHECKED BY: LM

ENGINEER: [Signature] R.C.E. NO. C65078 DATE: [ ]



APPROVED BY: [Signature]  
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 R.C.E. 39827 EXP. DATE 12/31/21

**TOWN OF YUCCA VALLEY**  
**STREET IMPROVEMENT PLANS**  
 PALOMAR AVENUE  
 PALOMAR AVENUE 10+50.00 TO 18+44.09

SHEET 3 OF 6 SHEETS DRAWING NO. [ ]

**GENERAL SIGNING AND STRIPING NOTES**

- ALL MATERIAL AND WORK SHALL CONFORM TO THE LATEST EDITION OF TOWN OF YUCCA VALLEY STANDARD PLANS AND SPECIFICATIONS, CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS, AND CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STRIPING WITHIN THE PROJECT LIMITS TO ENSURE COMPATIBILITY WITH THE SIGNING AND STRIPING PLANS.
- STRIPING LAYOUT SHALL BE APPROVED BY THE ENGINEER PRIOR TO APPLICATION OF PERMANENT PAINT. PLEASE CONTACT THE TOWN ENGINEERING DEPARTMENT 48 HOURS PRIOR TO LAYOUT.
- PAVEMENT LEGENDS SHALL BE PER THE LATEST EDITION OF CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS.
- RAISED PAVEMENT MARKERS SHALL BE INSTALLED IMMEDIATELY FOLLOWING THE SECOND COAT STRIPING INSTALLATION AND SHALL UTILIZE BITUMINOUS ADHESIVE. RAPID SET EPOXY ADHESIVE FOR PAVEMENT MARKERS IS PERMITTED WITH PRIOR APPROVAL FROM THE ENGINEER.
- TRAFFIC STRIPES AND MARKINGS SHALL BE APPLIED IN TWO COATS, WITH REFLECTORIZED MATERIAL IN BOTH COATS, AND SHALL CONFORM TO SECTION 84-3, PAINTED TRAFFIC STRIPES AND PAVEMENT MARKINGS, AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. THERE SHALL BE A MINIMUM OF 7 DAYS, BETWEEN THE APPLICATION OF THE FIRST AND SECOND COATS.
- ALL CROSSWALKS SHALL HAVE A MINIMUM OF 10 FEET IN BETWEEN THE 12-INCH WHITE OR YELLOW STRIPES.
- ALL DOUBLE YELLOW STRIPES SHALL HAVE 3-INCH PAINTED BLACK LINE SEPARATING THE YELLOW STRIPES.
- THERMOPLASTIC TAPE SHALL NOT BE USED.
- WHERE THERE IS NO CURB/BERM OR WHEN THE CURB ALIGNMENT DOES NOT PROVIDE FOR A RELIABLE MEASUREMENT, THE STRIPING CONTRACTOR SHALL USE THE CENTERLINE CONTROL POINTS (ON 50 FOOT CENTER) PLACED DIRECTLY ON THE PAVEMENT BY A LICENSED SURVEYOR.
- ALL TRAFFIC STRIPING AND PAVEMENT LEGENDS AND RAISED PAVEMENT MARKERS THAT CONFLICT OR CONFUSE TRAFFIC AS A RESULT OF THE NEWLY INSTALLED WORK SHOWN ON THIS PLAN SHALL BE REMOVED BY GRINDING. NO ASPHALT PAINT SHALL BE UTILIZED ADJACENT TO LANE LINES FOR BLACK OUT/REMOVAL. SLURRY SEAL SHALL BE UTILIZED FOR BLACKOUT ADJACENT TO LANE LINES. SANDBLASTING MAY BE UTILIZED WITH PRIOR AUTHORIZATION BY THE ENGINEER. ALL REMOVALS TO BE PERFORMED TO THE SATISFACTION OF THE TOWN ENGINEER.
- DEBRIS FROM REMOVAL OPERATIONS SHALL BE CONTAINED WITHIN THE WORK AREA AND THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT PERSONS AND PROPERTY ADJACENT TO THE GRINDING OR SANDBLASTING OPERATIONS. THE DEBRIS RESULTING FROM THE GRINDING OR SANDBLASTING SHALL BE IMMEDIATELY REMOVED AND DISPOSED OF BY THE CONTRACTOR. DEBRIS WITHIN THE ROADWAY SHALL BE REMOVED BY MECHANICAL SWEEPING OR HIGH POWER VACUUM.
- SCARRED PAVEMENT SURFACE RESULTING FROM REMOVAL OPERATIONS SHALL BE SEALED WITH ASPHALT PAINT CONFORMING TO SECTION 203-8 OF THE STANDARD SPECIFICATIONS. SCARRED AREAS RESULTING FROM WORK OR GRAPHIC LEGEND REMOVAL SHALL BE FULLY COVERED WITH AN ASPHALTIC PAINTED SQUARE OR RECTANGULAR SHAPE THAT COMPLETELY OBLITERATES THE OLD LEGEND FORM. PLEASE CONTACT CITY INSPECTION STAFF PRIOR TO APPLICATION OF ASPHALT SEALANT.
- ALL SIGNS SHALL CONFORM TO SECTION 56-2, ROADSIDE SIGNS, AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. SIGNS SHALL BE REFLECTORIZED SHEET ALUMINUM USING HIGH INTENSITY GRADE SHEETING THAT MEETS THE REQUIREMENTS OF THE CA-MUTCD, LATEST EDITION. ALL SIGNS SHALL BE MOUNTED WITH THEFT/VANDAL-PROOF FASTENERS.
- STEEL SIGN POSTS INSTALLED IN CONCRETE AREAS SHALL BE INSTALLED IN TELSAP STEEL SLEEVES OR EQUAL TO FACILITATE REPLACEMENT. WOOD POSTS ARE NOT TO BE USED FOR PERMANENT SIGNAGE INSTALLATIONS. BREAKAWAY POSTS SHALL BE USED FOR ANY SIGNS LOCATED IN THE TRAVELED WAY OR IN THE 20 FOOT CLEAR RECOVERY ZONE OF THE ROADWAY SHOULDER.
- THE CONTRACTOR SHALL REMOVE SIGNS IN ACCORDANCE WITH THE PLANS AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL DELIVER REMOVED SIGNS TO THE TOWN YARD OR AS DIRECTED BY THE ENGINEER.
- EXISTING PRIVATELY OWNED IMPROVEMENTS ON THE PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED OR REPLACED, AS DIRECTED BY THE ENGINEER.

**NOTICE TO CONTRACTOR**

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; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FROM LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THESE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED IN FIELD BY THE CONTRACTOR, SO THAT ANY NECESSARY ADJUSTMENT CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY UTILITY LINES SHOWN AND ANY OTHER LINES NOT SHOWN ON THESE PLANS.

MAJOR ITEMS TO BE REMOVED HAVE BEEN NOTED ON THESE PLANS, HOWEVER THE CONTRACTOR IS TO WALK THE SITE FOR VERIFICATION OF ADDITIONAL SURFACE FEATURES REQUIRING REMOVAL. THE CONTRACTOR IS RESPONSIBLE TO REMOVE ALL OBJECTS AND MATERIALS (AC, CONCRETE, TREES, BUSHES, FENCING, ETC.) THAT ARE IN CONFLICT WITH THE NEW PROPOSED IMPROVEMENTS WHETHER CALLED-OUT OR NOT ON THE PLANS AND DISPOSE OF LEGALLY. CONTRACTOR IS TO BACKFILL ACCORDINGLY AND LEAVE SITE IN A RELATIVELY LEVEL CONDITION.

**Underground Service Alert**

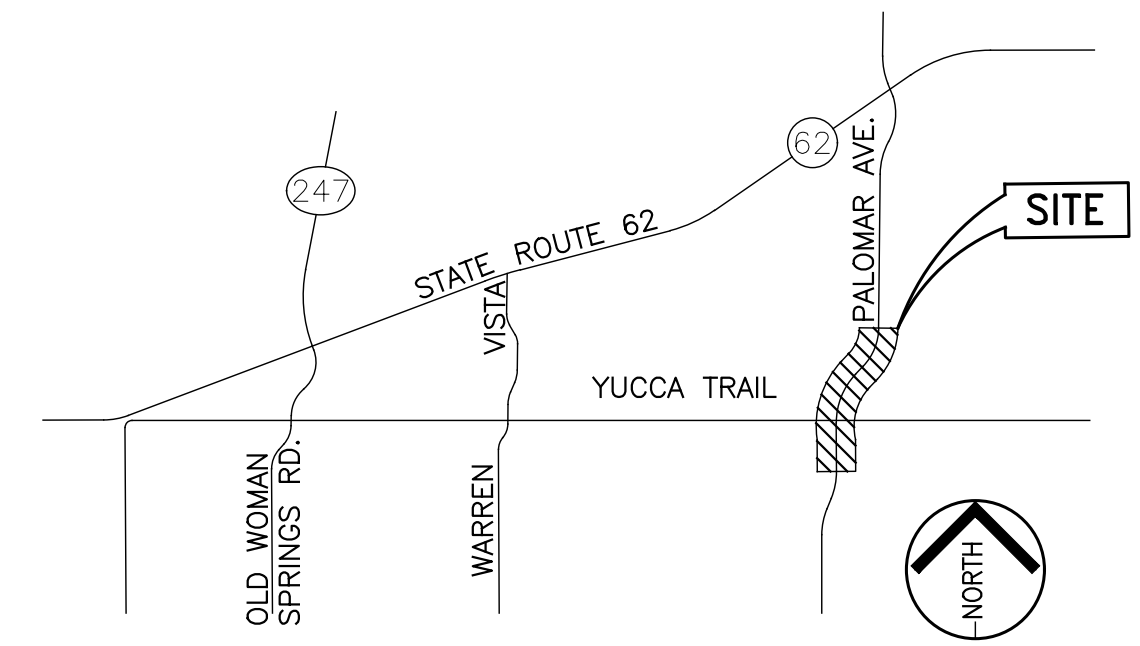
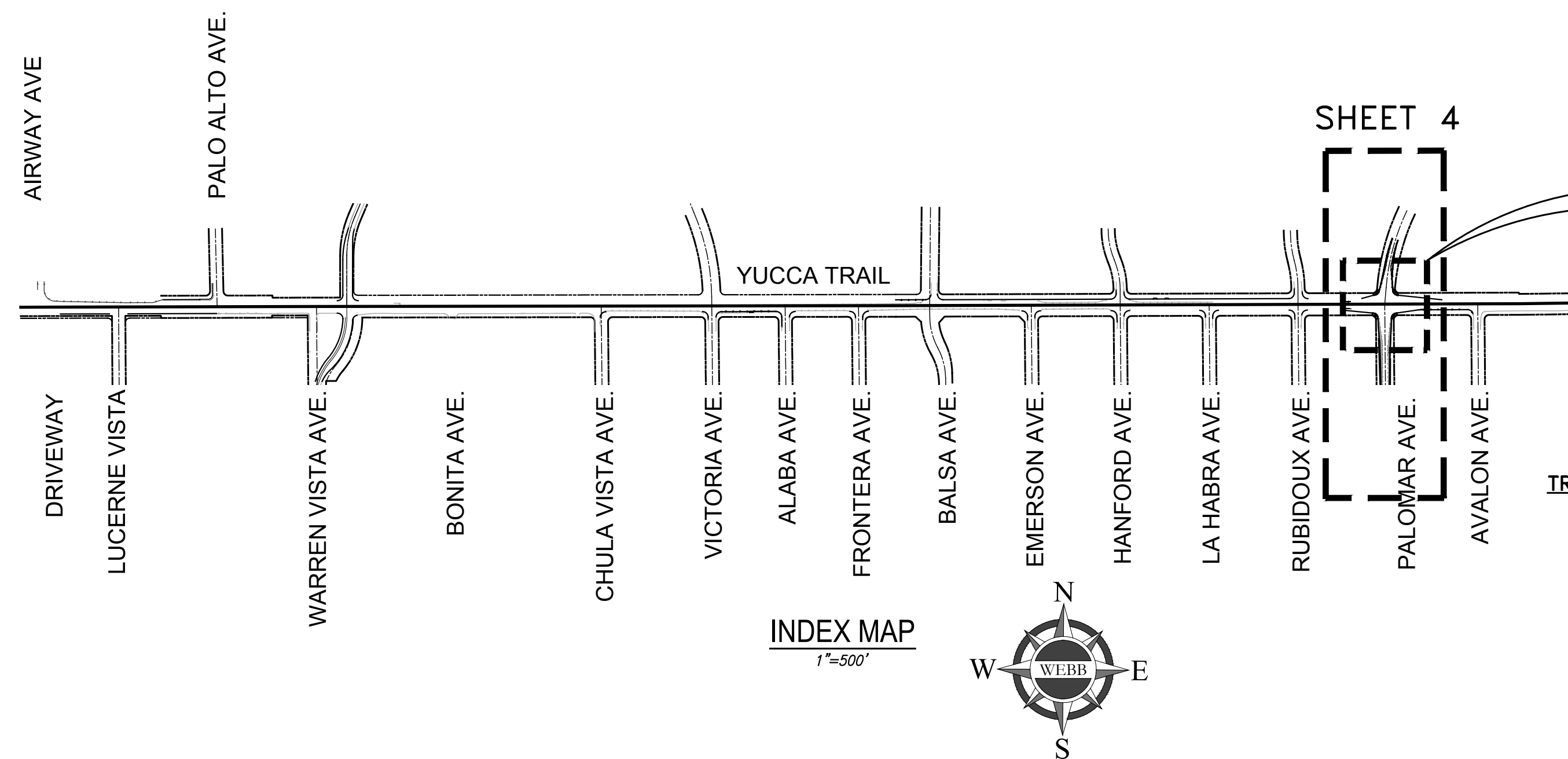
Call: TOLL FREE  
**811**  
WWW.call811.com  
TWO WORKING DAYS BEFORE YOU DIG

**BASIS OF BEARING**

THE BASIS OF BEARING FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, CCS83 ZONE 6, BASED LOCALLY ON CONTROL STATIONS "P598", "P600", AND "RDMT" NAD 83(NRS2011) 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 0.9998285481. N: 1871077.486, E: 7053191.175, USING AN ELEVATION OF 3313.59 (FEET).

# SIGNING AND STRIPING & TRAFFIC SIGNAL PLANS

## PALOMAR AVENUE AT YUCCA TRAIL

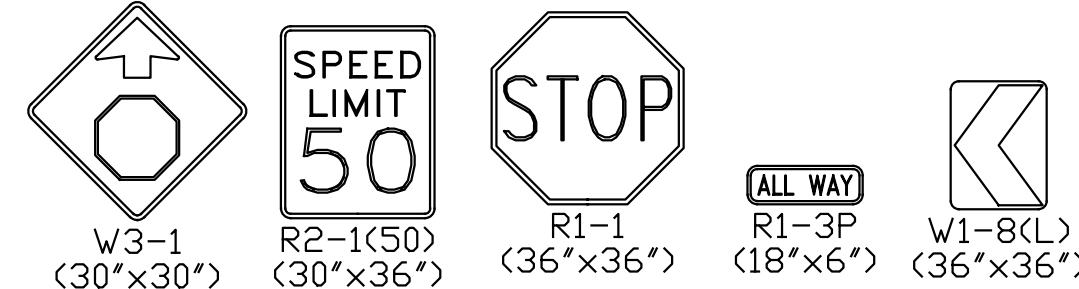


**VICINITY MAP**  
N.T.S.  
LYING WITHIN THE SOUTH OF SECTION 31, T. 1N, R. 6E, AND NORTH OF SECTION 6, T. 1S, R. 6E, S.B.B.&M., IN THE TOWN OF YUCCA VALLEY, COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA.

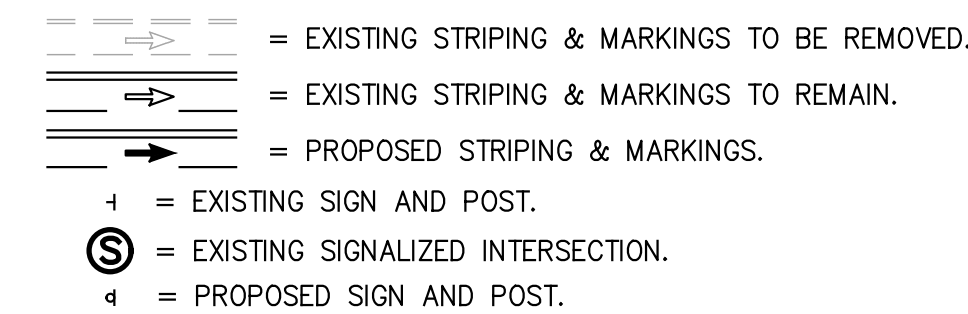
**TRAFFIC SIGNAL GENERAL NOTES**

- ALL MATERIAL AND WORK SHALL CONFORM TO THE LATEST EDITION OF TOWN OF YUCCA VALLEY STANDARD PLANS, CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS, AND CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT, (800) 227-2600, 811 AND ALL CONCERNED UTILITY COMPANIES AT LEAST TWO WORKING DAYS IN ADVANCE OF EXCAVATION.
- LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ALL DAMAGES OCCURRED DUE TO FAILURE TO LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES. HAND DIG AS NEEDED OR AS DIRECTED BY THE ENGINEER UNTIL CLEAR OF OBSTRUCTIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CLEAN UP ON TOWN RIGHT-OF-WAY AFFECTED BY CONTRACTOR'S WORK. THE CONTRACTOR SHALL KEEP TOWN RIGHT-OF-WAY CLEAN OF DEBRIS, WITH DUST AND OTHER NUISANCES BEING CONTROLLED AT ALL TIMES. METHOD OF STREET CLEANING SHALL BE DRY SWEEPING OF ALL PAVED AREAS. THERE SHALL BE NO STOCKPILING OF CONSTRUCTION MATERIALS WITHIN THE TOWN RIGHT-OF-WAY WITHOUT THE PERMISSION OF THE ENGINEER.
- EXISTING PRIVATELY OWNED IMPROVEMENTS ON PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED OR REPLACED.
- SEE CALTRANS STANDARD PLAN ES-1A, ES-1B, AND ES-1C FOR SYMBOLS AND ABBREVIATION LEGENDS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC SIGNAL EQUIPMENTS, SIGNS, AND STRIPING IN ACCORDANCE WITH THE PLANS AND SPECIAL PROVISIONS. ALL SIGNS SHALL BE REFLECTORIZED AND STANDARD SIZE UNLESS OTHERWISE NOTED.
- CONTROLLER CABINET AND SERVICE CABINET SHALL BE PLACED AT A MINIMUM OF 15 FEET APART.
- ALL PULL BOXES SIZE SHALL BE NO. 6 UNLESS OTHERWISE NOTED OR APPROVED BY THE ENGINEER. PULL BOXES IN UNIMPROVED AREAS NOT PROTECTED BY CURB AND GUTTER SHALL BE TRAFFIC BEARING TYPE. MAXIMUM SPACING BETWEEN TRAFFIC SIGNAL PULL BOXES SHALL BE 200 FEET.
- ALL CONDUITS SHALL BE TYPE 3 SCHEDULE 80 POLYVINYL CHLORIDE (PVC) RIGID NON-METALLIC CONDUIT, 3" MINIMUM DIAMETER, UNLESS OTHERWISE NOTED. ALL CONDUITS PLACED UNDER PAVING SHALL BE INSTALLED WITHOUT OPEN CUTTING.
- DETECTOR LOOPS SHALL BE PLACED PER CALTRANS STANDARD AND CENTERED WITHIN THE DRIVING LANE UNLESS OTHERWISE NOTED. STRIPING LAYOUT (CAT-TRACKING) SHALL BE APPROVED BY THE TOWN PRIOR TO DETECTOR LOOP INSTALLATION.
- ALL LOOP DETECTOR CONFIGURATIONS SHALL BE TYPE "E" PER STANDARD PLAN ES-5B. ALL CURB TERMINATIONS SHALL BE TYPE "A" PER STANDARD PLAN ES-5D. DETECTOR LOOP WIRES SHALL BE TESTED AND APPROVED PRIOR TO FILLING SAWCUTS.
- ALL CABLES AND CONDUCTORS SHALL BE CONTINUOUS WITH A MINIMUM OF 6 FEET OF SLACK INSIDE EACH PULL BOX UNLESS OTHERWISE NOTED. 20 FEET OF SIGNAL INTERCONNECT CABLE SLACK SHALL BE PROVIDED INSIDE THE CONTROLLER CABINET.
- TRAFFIC SIGNAL INTERCONNECT CABLE (SIC) SHALL BE 6-PAIR, AWG #20 CABLE UNLESS OTHERWISE NOTED.
- TRAFFIC SIGNAL INTERCONNECT/FIBER OPTIC CONDUIT SHALL BE TYPE 3 SCHEDULE 80, 4" DIAMETER PVC WITH MINIMUM FACTORY CONDUIT BEND RADIUS.
- TRAFFIC SIGNAL INTERCONNECT/FIBER OPTIC PULL BOXES SHALL BE #6E (EXTENSION). MAXIMUM SPACING BETWEEN INTERCONNECT/FIBER OPTIC PULL BOXES SHALL BE 500 FEET.
- ALL COMBINATION PEDESTRIAN AND VEHICLE SIGNAL INDICATIONS INCLUDING PV HEADS SHALL UTILIZE LIGHT EMITTING DIODE (LED) SIGNAL MODULES. ALL VEHICLE SIGNAL SECTION AND INDICATIONS SHALL BE 12 INCH PER SPECIFICATIONS.
- ALL PEDESTRIAN HEADS SHALL BE LED COUNTDOWN TYPE PER SPECIFICATIONS.
- ALL PEDESTRIAN PUSH BUTTONS SHALL BE TYPE B PER CALTRANS STANDARD PLAN ES-5C.
- ALL INTERNAL ILLUMINATED STREET NAME SIGNS SHALL BE EDGE LIT LED TYPE PER SPECIFICATIONS.
- ALL SIGNAL HOUSINGS, VISORS, AND BACKPLATES SHALL BE METAL. VEHICLE SIGNAL HOUSING SHALL BE PROVIDED WITH LOUVERED BACKPLATE. A TUNNEL VISOR SHALL BE PROVIDED FOR EACH SIGNAL FACE.
- ALL UNUSED TENONS SHALL BE CAPPED IN A WATERPROOF METHOD AS DIRECTED BY THE ENGINEER.
- ALL EQUIPMENT LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO FINAL PLACEMENT.
- ALL SALVAGED POLES AND MAST ARMS SHALL BE DELIVERED TO THE CITY AS DIRECTED BY THE TOWN ENGINEER.

**SIGN LEGEND**



**LEGEND**



**UTILITIES**

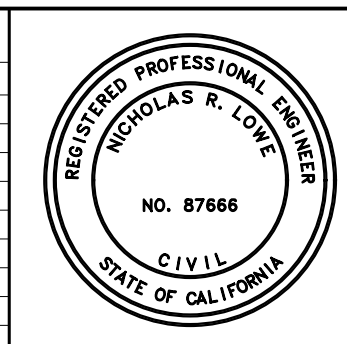
WATER	HI-DESERT WATER DISTRICT	(760) 365-8333
SEWER	HI-DESERT WATER DISTRICT	(760) 365-8333
ELECTRIC	SOUTHERN CALIFORNIA EDISON	(760) 369-5400
GAS	THE GAS COMPANY	(909) 335-7507
TELEPHONE	FRONTIER COMMUNICATIONS	(855) 284-2105
CABLE TV	SPECTRUM COMMUNICATIONS	(866) 874-2389

**SHEET INDEX**

SHEET 4	TITLE SHEET
SHEET 5	SIGNING AND STRIPING PLANS
SHEET 6	TRAFFIC SIGNAL PLAN

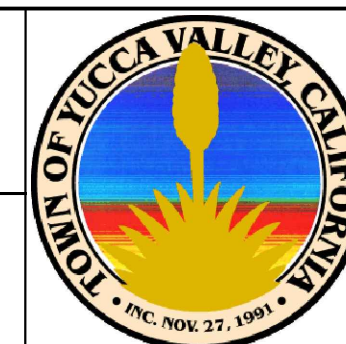
**BENCHMARK:**  
PID: EV3507, ELEV.=3172.51' (NAVD88)  
DESCRIBED BY NATIONAL GEODETIC SURVEY 1978 4.2 MI EAST FROM YUCCA VALLEY, 4.2 MILES EAST ALONG STATE HIGHWAY 62 FROM THE POST OFFICE AT YUCCA VALLEY, AT THE INTERSECTION OF HIGHWAY 62 AND INDIO AVENUE, 106.5 FT. NORTH OF THE CENTER LINE OF THE WESTBOUND LANES OF HIGHWAY 62, 61 FT. WEST OF THE CENTER LINE OF INDIO AVENUE, 35.5 FT. SOUTH OF THE SOUTHEAST CORNER OF DINO'S ITALIAN INN, IN TOP OF NORTH CURB OF TWENTY-NINE PALMS OUTER HIGHWAY.

REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'VD



PLANS PREPARED BY: **ALBERT A. WEBB ASSOCIATES**  
ENGINEERING CONSULTANTS  
3788 MCCRAY STREET  
RIVERSIDE CA. 92506  
PH. (951) 686-1070  
FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_ DESIGNED BY: ITM CHECKED BY: NL  
ENGINEER R.C.E. NO. C87666 DATE \_\_\_\_\_



APPROVED BY: \_\_\_\_\_ DATE \_\_\_\_\_  
ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: \_\_\_\_\_ DATE \_\_\_\_\_  
NOEL OWSLEY, TOWN ENGINEER  
R.C.E. 39827 EXP. DATE 12/31/21

**TOWN OF YUCCA VALLEY**  
**SIGNING AND STRIPING PLANS**  
PALOMAR AVENUE AT YUCCA TRAIL  
TITLE SHEET

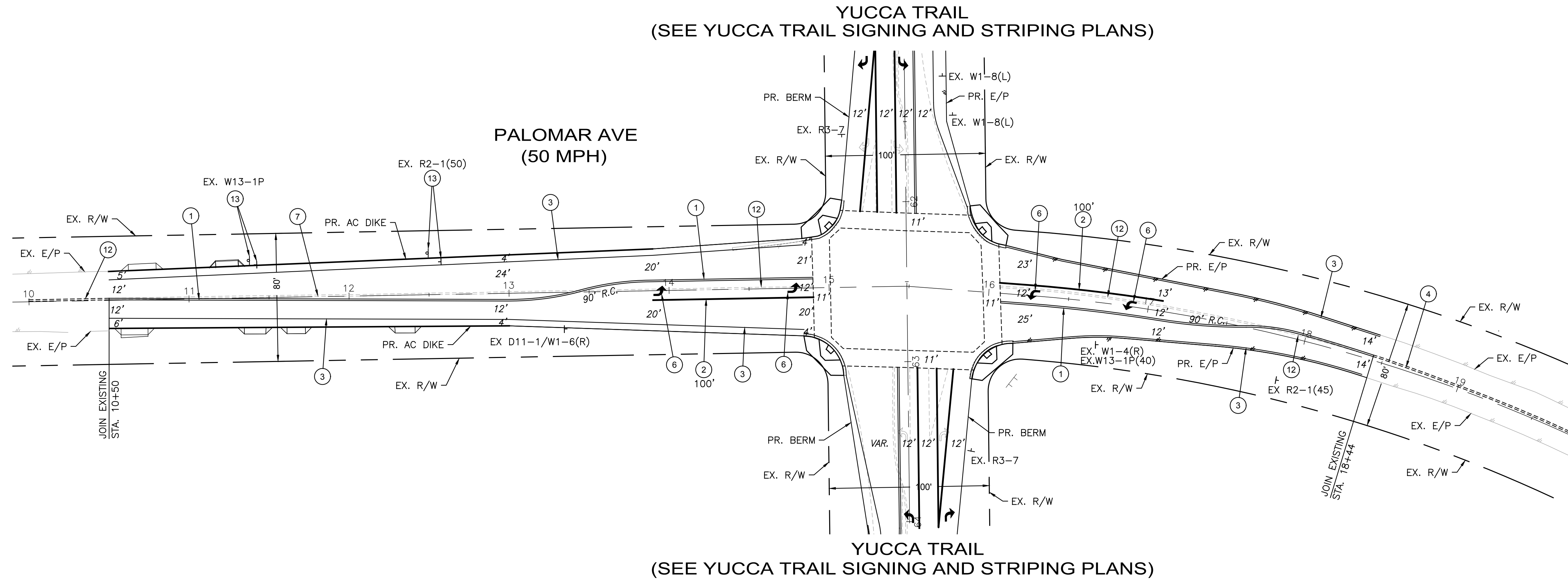
SHEET  
**4**  
OF 6 SHEETS  
DRAWING NO.

FOR REVIEW ONLY

G:\2017\17-0309\CORRESPONDENCE\FILES RECEIVED\PA CONSULTING\2019-07-25\YUCCAVALLEY\_SS - PALOMAR.DWG 1/22/2020 4:42:10 PM

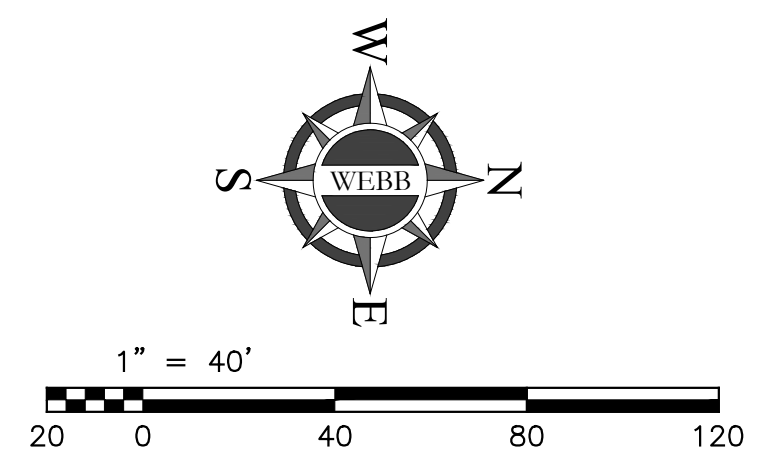
LEGEND

- = EXISTING STRIPING & MARKINGS TO BE REMOVED.
- = EXISTING STRIPING & MARKINGS TO REMAIN.
- = PROPOSED STRIPING & MARKINGS.
- = EXISTING SIGN AND POST.
- = EXISTING SIGNALIZED INTERSECTION.
- = PROPOSED SIGN AND POST.



- CONSTRUCTION NOTES (THIS SHEET ONLY):**
- ① INSTALL 6" DOUBLE YELLOW LINE (THERMOPLASTIC), PER CALTRANS STD. PLAN A20A, DETAIL 22.
  - ② INSTALL CHANNELIZING STRIPE (THERMOPLASTIC), PER CALTRANS STD. PLAN A20D, DETAIL 38.
  - ③ INSTALL 6" WHITE EDGE LINE (THERMOPLASTIC), PER CALTRANS STD. PLAN A20B, DETAIL 27B.
  - ④ PROTECT EXISTING STRIPING AND MARKING.
  - ⑥ INSTALL TYPE IV PAVEMENT ARROW (THERMOPLASTIC) PER CALTRANS STD. PLAN A24A.
  - ⑫ WET SANDBLAST CONFLICTING STRIPING AND/OR PAVEMENT MARKINGS.
  - ⑬ RELOCATE SIGN TO THE NEW LOCATION AS SHOWN ON PLAN.

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



**BENCHMARK:**  
 PID: EV3507, ELEV.=3172.51' (NAVD88)  
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MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'VD



PLANS PREPARED BY: **ALBERT A. WEBB ASSOCIATES**  
 ENGINEERING CONSULTANTS  
 3788 McCRAV STREET  
 RIVERSIDE CA. 92506  
 PH. (951) 686-1070  
 FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_ DESIGNED BY: ITM CHECKED BY: NL \_\_\_\_\_

ENGINEER: \_\_\_\_\_ R.C.E. NO. C87666 \_\_\_\_\_ DATE: \_\_\_\_\_



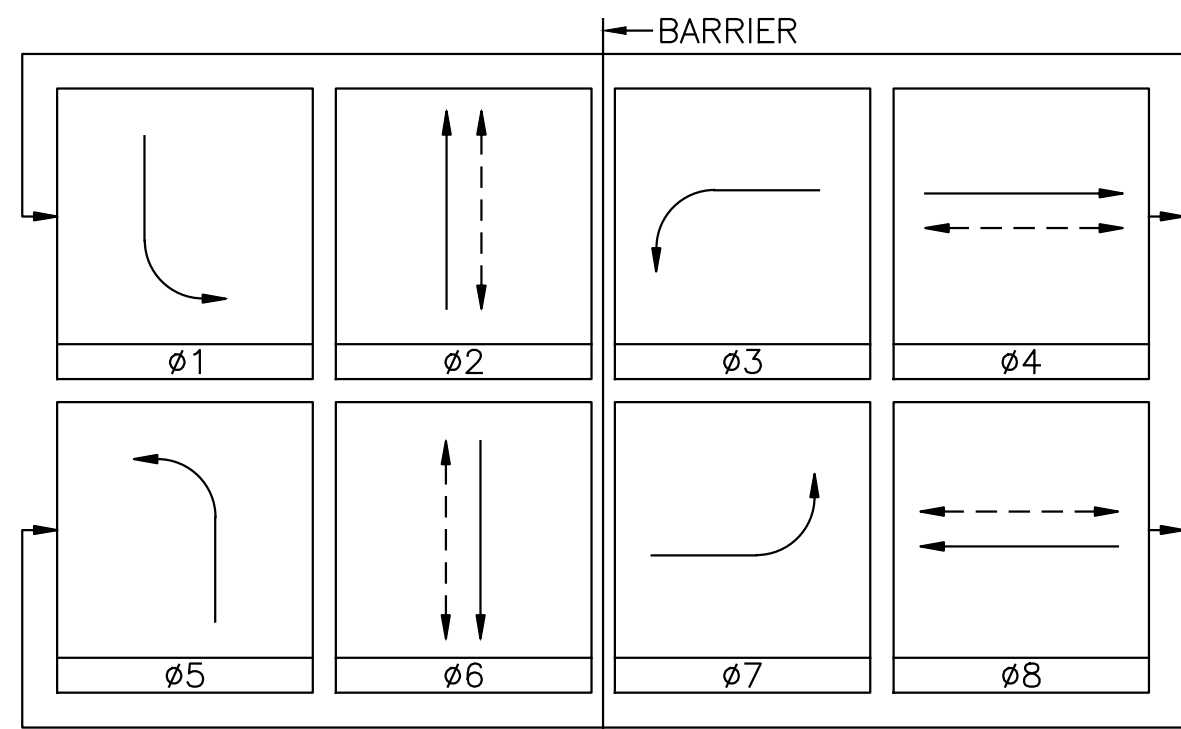
APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
 R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOEL OWSLEY, TOWN ENGINEER  
 R.C.E. 39827 EXP. DATE 12/31/21

**TOWN OF YUCCA VALLEY**  
**SIGNING AND STRIPING PLANS**  
 PALOMAR AVENUE AT YUCCA TRAIL

SHEET  
**5**  
 OF 6 SHEETS  
 DRAWING NO.

FOR REVIEW ONLY



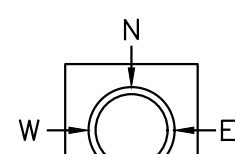
SIGNAL PHASING

RUBIDOUX AVE  
[25 MPH]

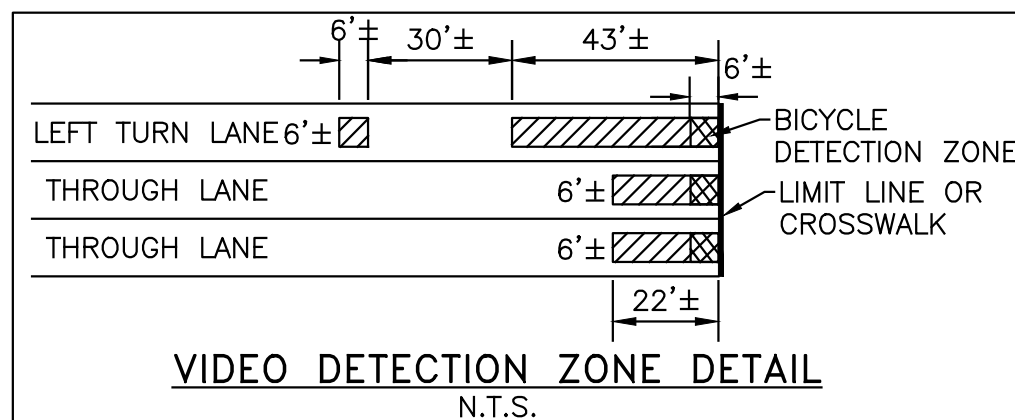
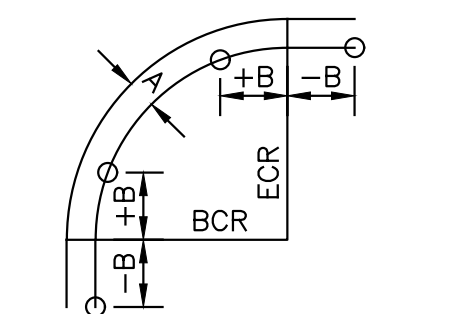
YUCCA TRAIL  
[50 MPH]

PALOMAR AVE  
[50 MPH]

AVALON AVE  
[25 MPH]



PPB QUADRANT DETAIL  
PEDESTRIAN PUSH BUTTON LOCATION  
(TOP VIEW)

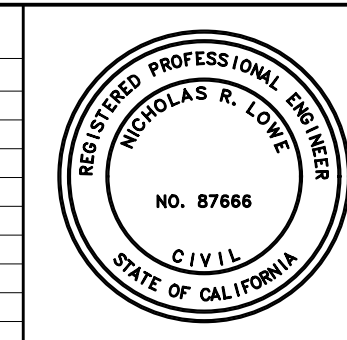


**CAUTION !!!**  
CONTRACTOR TO POTHOLE AND VERIFY LOCATION AND ELEVATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO ORDERING OF ANY EQUIPMENT. NOTIFY ALBERT A. WEBB ASSOCIATES IF ANY CONFLICT EXIST.

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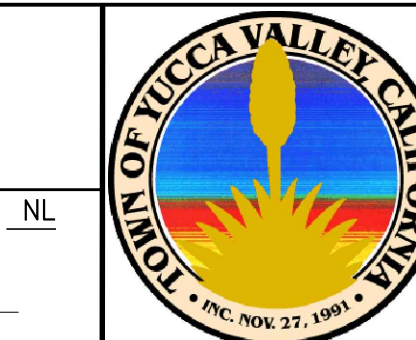
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DESIGNED BY: ITM CHECKED BY: NL

ENGINEER: \_\_\_\_\_ R.C.E. NO. C87666 DATE: \_\_\_\_\_



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ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
NOEL OWLSLEY, TOWN ENGINEER  
R.C.E. 39827 EXP. DATE 12/31/21

**TOWN OF YUCCA VALLEY**  
**TRAFFIC SIGNAL PLAN**  
PALOMAR AVENUE & YUCCA TRAIL

SHEET **6**  
OF 6 SHEETS  
DRAWING NO.

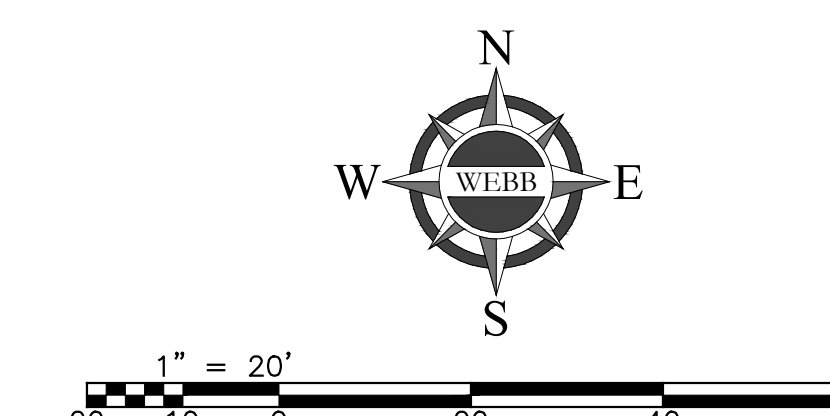
POLE SCHEDULE																
NO.	TYPE	STANDARD			LUM.	SIGNAL MOUNTING			PPB**		I.I.S.N.S. LEGEND	LOCATION				
		HEIGHT	SIG. M.A.	LUM. M.A.		F	VEHICLE	PED	PHASE	QUAD.		A	B			
(A)	26-4-100	30'	40'	15'*	15'	166W	MAS	MAS(R)	-	SV-1-T(R)	SP-1-T(R)	8	S	Yucca TR(R)	6'	2'
(B)	15TS	30'	-	15'	-	166W	-	-	-	SV-2-T	SP-1-T(R)	2	W	-	4'	6'
(C)	26-4-100	30'	45'	15'	15'	166W	MAS	MAS(R)	-	SV-1-T(R)	SP-1-T(R)	2	W	Palomar AVE(R)	6'	1'
(D)	1-A	10'	-	-	-	-	-	-	-	TV-1-T	SP-1-T(R)	4	N	-	5.5'	5'
(E)	26-4-100	30'	40'	15'	15'	166W	MAS	MAS(R)	-	SV-1-T(R)	SP-1-T(R)	4	N	Yucca TR(R)	6'	3'
(F)	15TS	30'	-	15'	-	166W	-	-	-	SV-2-T	SP-1-T(R)	6	E	-	4'	6'
(G)	29-5-100	30'	50'	15'	15'	166W	MAS	MAS(R)	-	SV-1-T(R)	SP-1-T(R)	6	E	Palomar AVE(R)	8'	2'
(H)	1-A	10'	-	-	-	-	-	-	-	TV-1-T	SP-1-T(R)	8	S	-	4'	3'

ALL EQUIPMENT SHALL BE NEW AND PER THE LATEST CALTRANS STANDARD PLANS UNLESS OTHERWISE NOTED.  
(R)=RELOCATE  
EXACT POLE LOCATIONS TO BE DETERMINED IN THE FIELD BY TOWN REPRESENTATIVE.  
\* - INSTALL STRAIGHT LUMINAIRE MAST ARM.  
\*\* - RELOCATE PEDESTRIAN PUSH BUTTONS TO PROPOSED NEW POLES PER POLE SCHEDULE. ALL PEDESTRIAN PUSH BUTTON PLATES SHALL HAVE COUNTDOWN INSTRUCTIONS WITH BRAILLE STREET NAMES (R10-31 SIGNS).

*CONDUCTOR SCHEDULE										
A.W.G.	CIRCUIT	RUNS								
		(E) 1	(E) 2	(E) 3	(E) 4	(E) 5	(E) 6	(E) 7	(E) 8	(E) 9
12 CSC / 3 CSC	POLE A	-	-	-	-	-	-	1/1	1/1	-
	POLE B	-	-	-	-	-	-	1/1	1/1	1/1
	POLE C	1/1	1/1	1/1	1/1	1/1	1/1	1/1	-	-
	POLE D	-	1/1	1/1	1/1	1/1	1/1	1/1	-	-
	POLE E	-	-	1/1	1/1	1/1	1/1	1/1	-	-
	POLE F	-	-	-	1/1	1/1	1/1	1/1	-	-
	POLE G	-	-	-	-	1/1	1/1	1/1	-	-
	POLE H	-	-	-	-	-	1/1	1/1	-	-
TOTAL	1/1	2/2	3/3	4/4	5/5	6/6	8/8	2/2	1/1	
#10	LUMINAIRE	2	2	2	2	2	2	-	2	2
#12	I.I.S.N.S.	2	2	2	2	2	2	-	2	2
EMERGENCY VEHICLE PREEMPTION (EVP) CABLE	EVA	-	-	-	-	-	-	1	1	-
	EVB	1	1	1	1	1	1	1	1	-
	EVC	-	-	1	1	1	1	1	1	-
	EVD	-	-	-	-	1	1	1	1	-
TOTAL	1	1	2	2	3	3	4	4	-	
VIDEO DET. SERVICE	VIDEO CABLE	1	1	2	2	3	3	4	4	-
	SERVICE	1	1	2	2	3	3	4	4	-
CONDUIT SIZE (INCH)		3"	3"	4"	4"	2-4"	2-4"	2-4"	3"	2"
PERCENT (%) FILL		13%	21%	19%	24%	15%	21%	23%	30%	21%

(E) - EXISTING CONDUIT  
\* - ALL NEW CONDUCTORS

- CONSTRUCTION NOTES:**
- PROTECT EXISTING TYPE 332 TRAFFIC SIGNAL CABINET WITH A 2070 CONTROLLER ASSEMBLY WIRED FOR 8-PHASE OPERATION. CONTRACTOR SHALL PROVIDE THE NECESSARY COMPONENTS FOR THE INTENDED OPERATION. ALL NEW WIRES/CABLES SHALL BE TAGGED FOR PHASE IDENTIFICATION.
  - PROTECT EXISTING TYPE III-CF 120/240V SIGNAL AND LIGHTING DUAL METER SERVICE CABINET.
  - PROTECT EXISTING 2°C, 3#2(SERVICE) TO SCE FEED POINT.
  - PROTECT EXISTING 2°C, 2#6(SERVICE) AND 1#8(GROUND).
  - PROTECT EXISTING 2°C, 4#10(LIGHTING), 4#10(IISNS) AND 1#8(GROUND).
  - RELOCATE MAST ARM-MOUNTED REGULATORY SIGN TO THE PROPOSED POLE AS SHOWN ON PLAN.
  - RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD TO PROPOSED POLE D AS SHOWN ON PLAN.
  - RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD TO PROPOSED POLE F AS SHOWN ON PLAN.
  - RELOCATE EXISTING EMERGENCY VEHICLE PREEMPTION (EVP) DETECTOR FROM THE EXISTING POLE TO THE PROPOSED POLE AS SHOWN ON PLAN.
  - RELOCATE EXISTING VIDEO DETECTION CAMERA TO PROPOSED NEW POLE AS SHOWN. CONTRACTOR SHALL PROVIDE CABLE AND COMPONENTS NECESSARY FOR THE INTENDED OPERATION.
  - PROTECT IN PLACE.
  - INSTALL TYPE E VEHICLE DETECTOR LOOP PER CALTRANS STANDARD PLANS ES-5B.
  - RELOCATE EQUIPMENT TO A NEW LOCATION AS SHOWN ON THE PLAN.
  - REMOVE AND SALVAGE EQUIPMENT TO CITY YARD.
  - ABANDON. IF APPLIED TO CONDUIT, REMOVE CONDUCTORS.
  - INSTALL PULL BOX IN EXISTING CONDUIT RUN.
  - INSTALL CONDUIT INTO EXISTING PULL BOX.
  - EQUIPMENT OR MATERIAL TO BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR.
  - CONNECT NEW AND EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS AND INSTALL CONDUCTORS AS INDICATED.



FOR REVIEW ONLY

# TOWN OF YUCCA VALLEY STREET IMPROVEMENT PLAN YUCCA TRAIL & WARREN VISTA AVENUE

## GENERAL STREET NOTES

- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE SPECIFICATIONS CONTAINED WITHIN THE CONTRACT DOCUMENTS, THIS PLAN, THE STANDARD SPECIFICATIONS AND DRAWINGS FOR THE TOWN OF YUCCA VALLEY AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION) AND CALTRANS STANDARD PLANS & SPECIFICATIONS (LATEST EDITION) WHEN SPECIFIED.
- THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 811 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY UNTIL PROJECT COMPLETION AND ACCEPTANCE AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE TOWN OF YUCCA VALLEY AND THE DESIGN ENGINEER(S) HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK IN THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE TOWN OF YUCCA VALLEY OR DESIGN ENGINEER(S).
- CONSTRUCTION OPERATIONS AND MAINTENANCE OF EQUIPMENT WITHIN ONE HALF MILE OF HUMAN OCCUPANCY SHALL NOT BE CONDUCTED BETWEEN THE HOURS OF 8:00 P.M. AND 7:00 A.M., OR ANYTIME ON A SATURDAY, A SUNDAY OR A FEDERAL HOLIDAY, UNLESS OTHERWISE APPROVED BY THE TOWN ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND SHALL MAINTAIN ALL FACILITIES, COMPLETED AND UNCOMPLETED, UNTIL ACCEPTED BY THE TOWN.
- IMMEDIATELY FOLLOWING REMOVAL OF EXISTING PAVEMENT OR DIKE OR CURB AND/OR GUTTER, THE CONTRACTOR SHALL DILIGENTLY PURSUE THIS PORTION OF WORK UNTIL COMPLETION SO AS TO MINIMIZE DISRUPTION TO THE PUBLIC AND MINIMIZE EXPOSURE TO FLOOD-RELATED DAMAGE. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTY OWNERS FROM ANY AND ALL FLOOD DAMAGE. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE COURSES THROUGHOUT THE DURATION OF CONSTRUCTION SUCH THAT FLOODWATERS WILL NOT BE DAMMED OR DIVERTED WHICH COULD CONTRIBUTE TO FLOODING, EROSION OR DEPOSITION OF SAND OR OTHER DEBRIS.
- THE LOCATIONS OF KNOWN EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT.
- THE CONTRACTOR SHALL PROVIDE FOR THE TIE OUT OF ALL WATER VALVES AND SURVEY MONUMENTS, IF ANY, PRIOR TO CONSTRUCTION AND PRESENT A COPY OF SUCH TIES TO THE TOWN ENGINEER. REMOVAL AND REPLACEMENT OF MONUMENTS OR BENCHMARKS SHALL BE DONE BY A REGISTERED CIVIL ENGINEER WITH AN R.C.E. NUMBER BELOW 33965, OR A LICENSED LAND SURVEYOR ONLY. IF REQUIRED, APPROPRIATE CORNER RECORDS SHALL BE PREPARED AND FILED FOR RECORDATION.
- WHERE DAMAGE IS CAUSED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, REPAIR OR REPLACE DAMAGED FACILITIES PROMPTLY IN ACCORDANCE WITH TOWN SPECIFICATIONS AND/OR AS DIRECTED BY THE TOWN ENGINEER.

## PAVING NOTES

- ALL EXISTING IMPROVEMENTS INCLUDING CURB AND GUTTERS, SIDEWALKS, ASPHALT CONCRETE OR P.C.C. PAVING, WHICH ARE BEING JOINED OR MATCHED IN CONNECTION WITH THIS PROJECT, SHALL BE JOINED OR MATCHED IN A MANNER SATISFACTORY TO THE TOWN ENGINEER, INCLUDING NECESSARY SAW CUTTING, REMOVAL, REPLACEMENT AND CAPPING.
- THE FINISHED SURFACE OF THE SUBGRADE OR BASE COURSE SHALL BE WITHIN 0.05 FEET OF DESIGN ELEVATIONS. THE ASPHALTIC CONCRETE THICKNESS SHALL NOT BE LESS THAN 0.25 INCHES THAN THE DESIGN THICKNESS. A MINIMUM OF 3 CORES FOR EACH 1/2 MILE OF STREET (3 INCH MINIMUM DIAMETER) MAY BE OBTAINED BY THE TOWN FOR MEASUREMENT OF THICKNESS AND DENSITY. LOCATION OF CORES SHALL BE PER TOWN ENGINEER.
- A "TACK COAT" SHALL BE APPLIED BETWEEN PAVEMENT LAYERS, CONCRETE SURFACES AND ON EXISTING PAVEMENT TO BE RESURFACED AT THE RATE OF 0.10 GAL./YD. THE TACK COAT SHALL BE TYPE SSS1H ASPHALTIC EMULSION WITH 60-70 GRADE LIQUID ASPHALT.
- 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 TO THE SUBGRADE FOR ALL AREAS TO RECEIVE ASPHALT OR CONCRETE.
- ASPHALT CONCRETE PAVING SHALL BE ALLOWED IN ONE LIFT UP TO 3" THICKNESS UNLESS OTHERWISE SPECIFIED.
- THE ASPHALT DESIGN MUST MEET THE CALTRANS STANDARD SPECIFICATIONS, LATEST EDITION, SECTION 39, FOR TYPE B ASPHALT, 3/4" MAXIMUM MEDIUM AND 1/2" MAXIMUM MEDIUM. THE OIL SHALL BE PG 70-10.
- THE AGGREGATE BASE SHALL BE CLASS II, FOR 3/4" MAXIMUM ACCORDING TO THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS, SECTION 26, LATEST EDITION.

## BASIS OF BEARING

THE BASIS OF BEARING FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, CCS83 ZONE 6, BASED LOCALLY ON CONTROL STATIONS "P598", "P600", AND "RDMT" NAD 83(NRS2011) 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 0.9998285481. N: 1871077.486, E: 7053191.175, USING AN ELEVATION OF 3313.59 (FEET).

## Underground Service Alert

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

**BENCHMARK:**  
PID: EV3507, ELEV.=3172.51' (NAVD88)  
DESCRIBED BY NATIONAL GEODETIC SURVEY 1978 4.2 MI EAST FROM YUCCA VALLEY, 4.2 MILES EAST ALONG STATE HIGHWAY 62 FROM THE POST OFFICE AT YUCCA VALLEY, AT THE INTERSECTION OF HIGHWAY 62 AND INDIO AVENUE, 106.5 FT. NORTH OF THE CENTER LINE OF THE WESTBOUND LANES OF HIGHWAY 62, 61 FT. WEST OF THE CENTER LINE OF INDIO AVENUE, 35.5 FT. SOUTH OF THE SOUTHEAST CORNER OF DINO'S ITALIAN INN, IN TOP OF NORTH CURB OF TWENTY-NINE PALMS OUTER HIGHWAY.

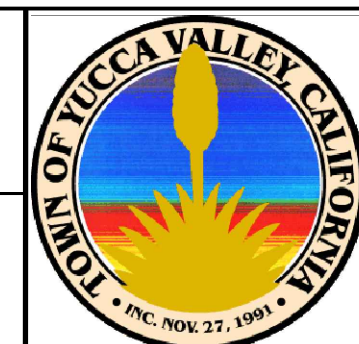
REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'VD



PLANS PREPARED BY: **ALBERT A. WEBB ASSOCIATES** ENGINEERING CONSULTANTS  
3788 MCCRAY STREET  
RIVERSIDE CA, 92506  
PH. (951) 686-1070  
FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_ DESIGNED BY: JLC CHECKED BY: LM

ENGINEER: \_\_\_\_\_ R.C.E. NO. C65078 DATE: \_\_\_\_\_

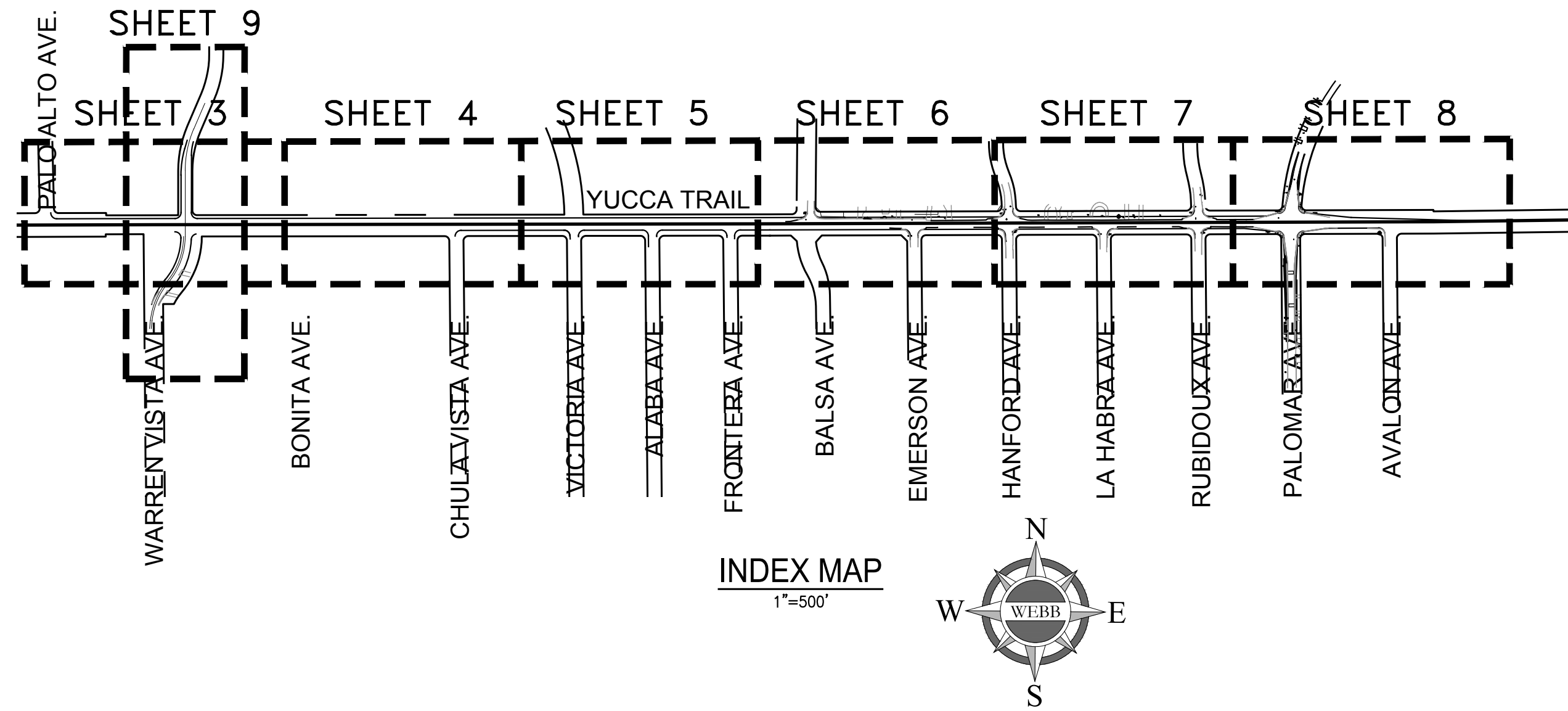
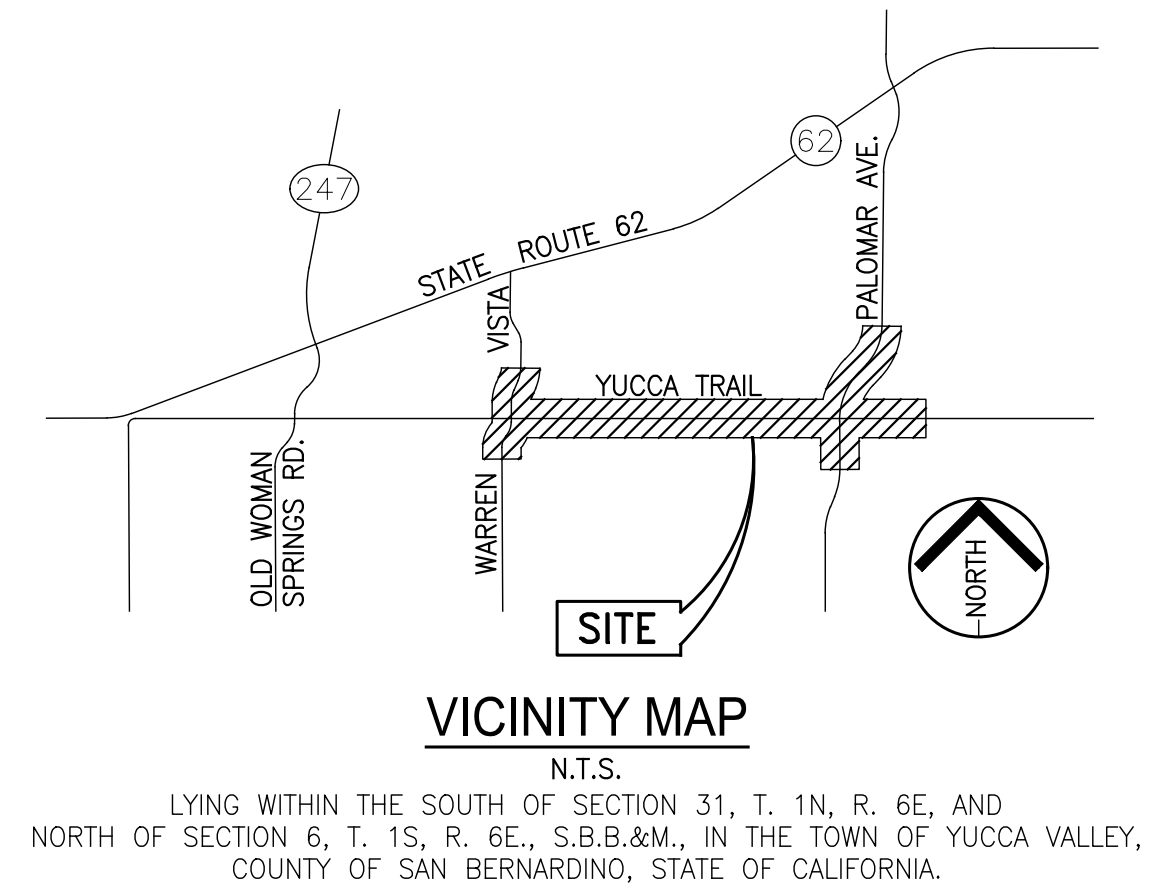


APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
NOEL OWLSLEY, TOWN ENGINEER  
R.C.E. 39827 EXP. DATE 12/31/21

TOWN OF YUCCA VALLEY  
STREET IMPROVEMENT PLANS  
YUCCA TRAIL & WARREN VISTA AVENUE  
TITLE SHEET

SHEET 1 OF 9 SHEETS  
DRAWING NO.



## ABBREVIATIONS

AC ASPHALT CONCRETE	HP HIGH POINT
ANGL. ANGLE	LP LOW POINT
AP ANGLE POINT	MH MANHOLE
BEG. BEGIN	MNT. MONUMENT
BCR BEGIN CURB RETURN	MTC MEDIAN TOP OF CURB
CATV. CABLE TELEVISION	MTR METER
COM. COMMUNICATION	PB PULL BOX
CB CATCH BASIN	PI POINT OF INTERSECTION
C&G CURB & GUTTER	P/L PROPERTY LINE
CONST. CONSTRUCTION	PP POWER POLE
DEFL. DEFLECTION	MON. PROPOSED
D/W DRIVEWAY	PVI POINT OF VERTICAL INTERSECTION
DI DROP INLET	RS ROAD SIGN
ECR END CURB RETURN	RW RECYCLED WATER
EOP EDGE OF PAVEMENT	R/W RIGHT OF WAY
ELEC. ELECTRICAL	SD STORM DRAIN
EX. EXISTING	SL STREET LIGHT
FG FINISHED GRADE	STA. STATION
FH FIRE HYDRANT	SRVY. SURVEY
FL FLOW LINE	SWR SEWER LINE
FS FINISH SURFACE	TC TOP OF CURB
GB GRADE BREAK	TS TRAFFIC SIGNAL
GV GAS VALVE	Typ TYPICAL
HDWD HIGH DESERT WATER DISTRICT	VC VERTICAL CURVE
	WTR WATER LINE

## UTILITIES

WATER	HI-DESERT WATER DISTRICT	(760) 365-8333
SEWER	HI-DESERT WATER DISTRICT	(760) 365-8333
ELECTRIC	SOUTHERN CALIFORNIA EDISON	(760) 369-5400
GAS	THE GAS COMPANY	(909) 335-7507
TELEPHONE	FRONTIER COMMUNICATIONS	(855) 284-2105
CABLE TV	SPECTRUM COMMUNICATIONS	(866) 874-2389

## 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 OWNER, BY ACCEPTING THESE PLANS OR PROCEEDING WITH THE IMPROVEMENTS PURSUANT THERETO AGREES TO ASSUME LIABILITY AND TO HOLD THE UNDERSIGNED HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON THE RECORDS EXAMINED.

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.

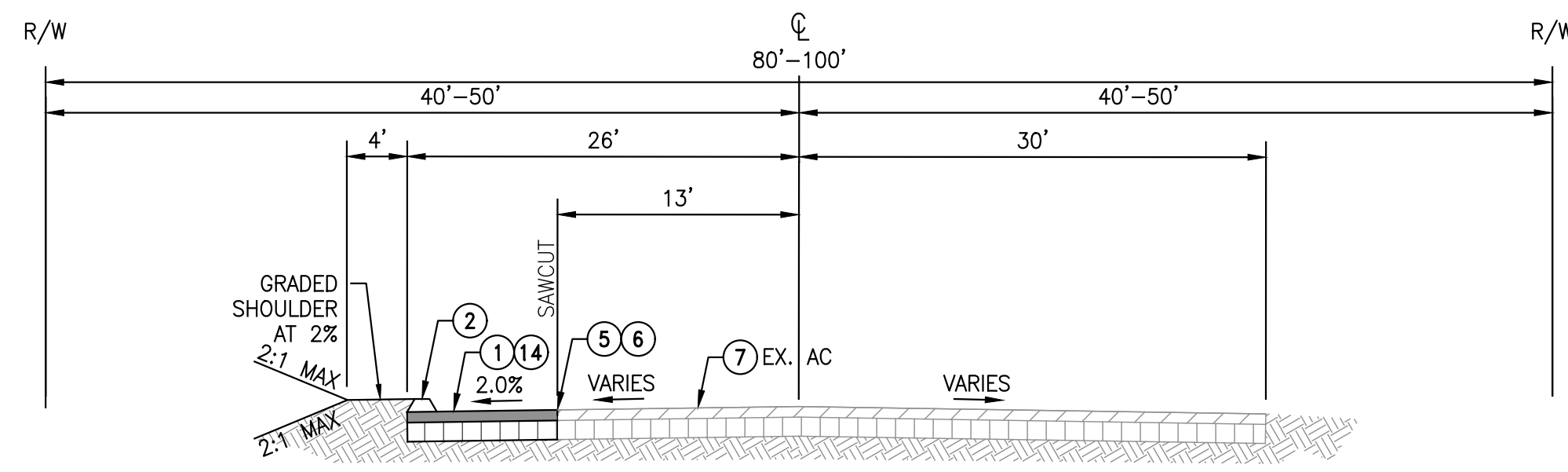
CALL UNDERGROUND SERVICE ALERT (U.S.A.) 1-800-227-2600 AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION.

## LEGEND

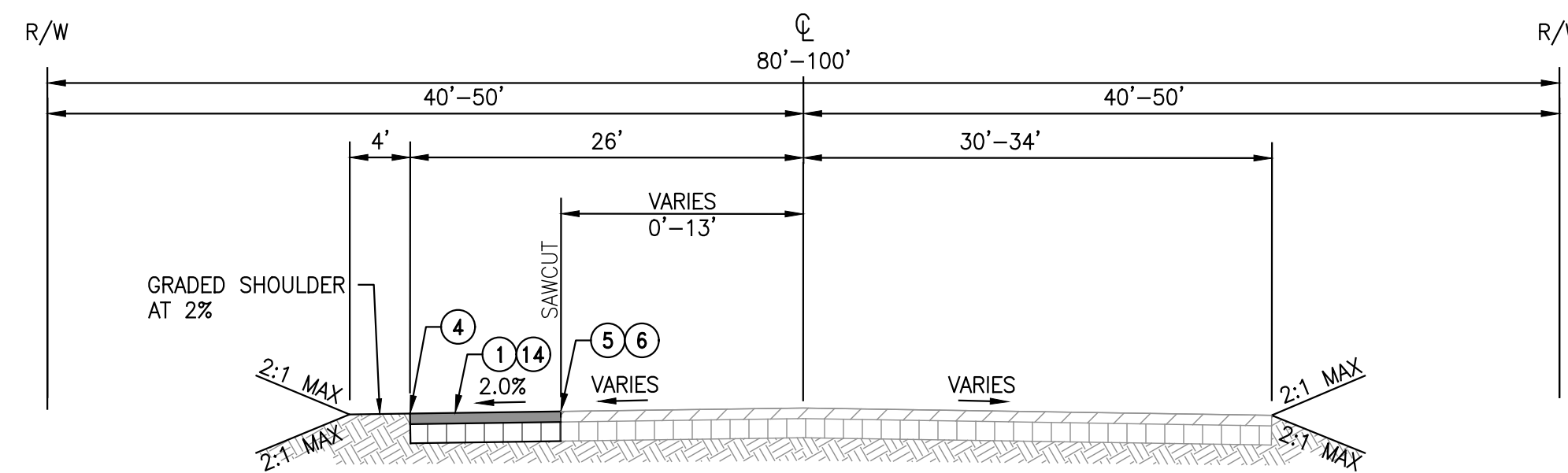
---	EXISTING RIGHT-OF-WAY
---	EXISTING CENTERLINE
---	PROPOSED EDGE OF PAVEMENT (AC BERM)
---	PROPOSED EDGE OF PAVEMENT (AC DIKE)
---	PROPOSED EDGE OF PAVEMENT
---	SAWCUT
---	EXISTING EDGE OF PAVEMENT
---	NEW A.C. PAVEMENT
---	NEW CONCRETE
---	GRIND & OVERLAY
---	REMOVE EX. A.C. PAVEMENT
---	REMOVE EX. CONC. PAVEMENT
---	PROPOSED ELEVATION
---	EXISTING ELEVATION

## SHEET INDEX

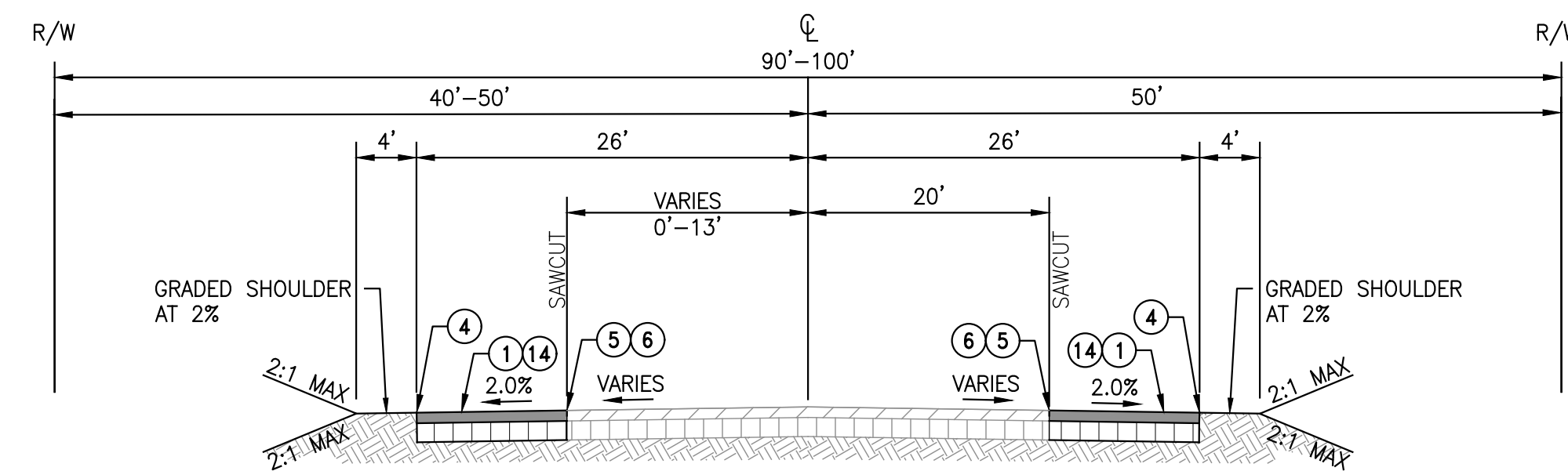
SHEET 1	TITLE SHEET	
SHEET 2	STREET SECTIONS & DETAILS	
SHEET 3	PLAN & PROFILE - YUCCA TRAIL	10+40.81 TO 20+00.00
SHEET 4	PLAN & PROFILE - YUCCA TRAIL	20+00.00 TO 30+00.00
SHEET 5	PLAN & PROFILE - YUCCA TRAIL	30+00.00 TO 40+00.00
SHEET 6	PLAN & PROFILE - YUCCA TRAIL	40+00.00 TO 50+00.00
SHEET 7	PLAN & PROFILE - YUCCA TRAIL	50+00.00 TO 60+00.00
SHEET 8	PLAN & PROFILE - YUCCA TRAIL	60+00.00 TO 70+88.32
SHEET 9	PLAN & PROFILE - WARREN VISTA AVE.	10+00.00 TO 17+97.54



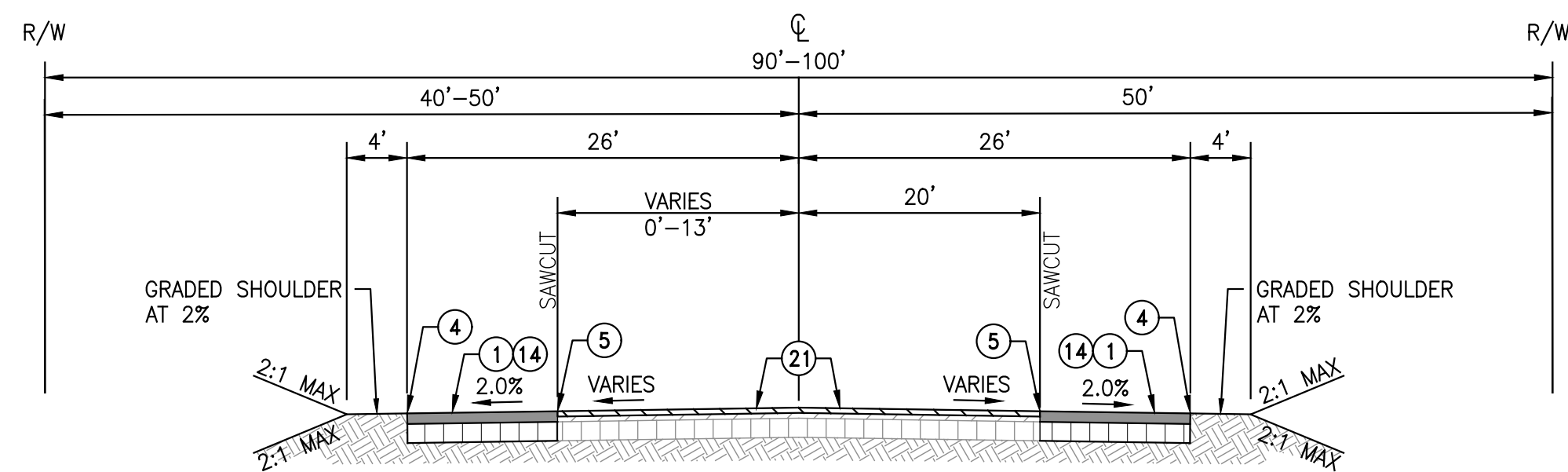
**YUCCA TRAIL**  
TYPICAL SECTION  
STA. 10+40.81 TO STA. 15+40.50  
N.T.S.



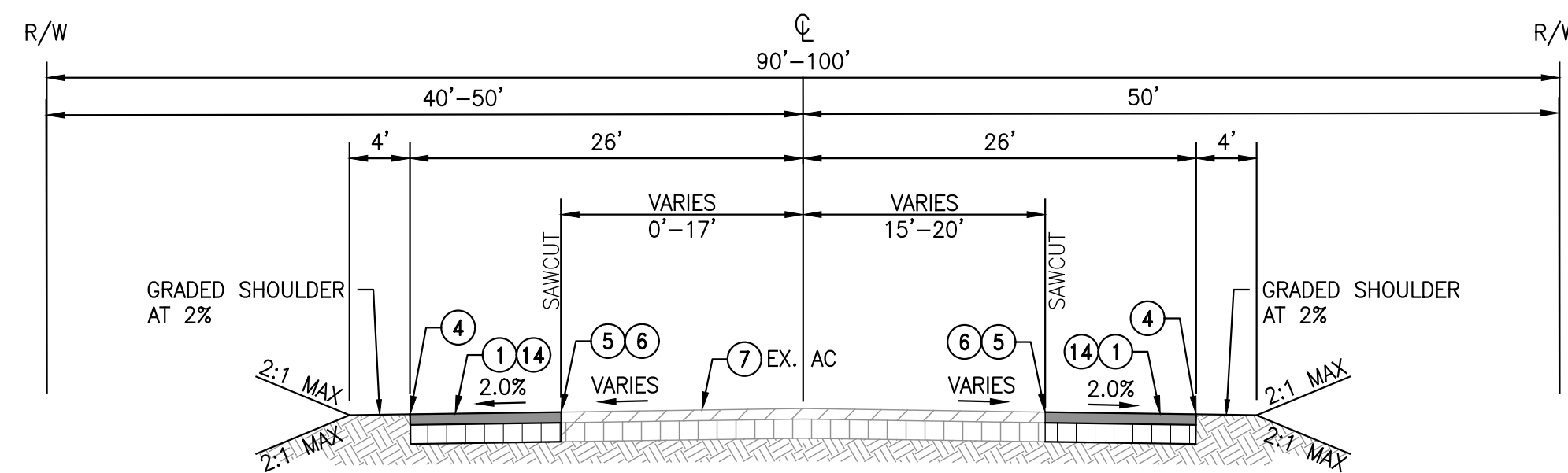
**YUCCA TRAIL**  
TYPICAL SECTION  
STA. 16+34.46 TO STA. 27+48.61  
N.T.S.



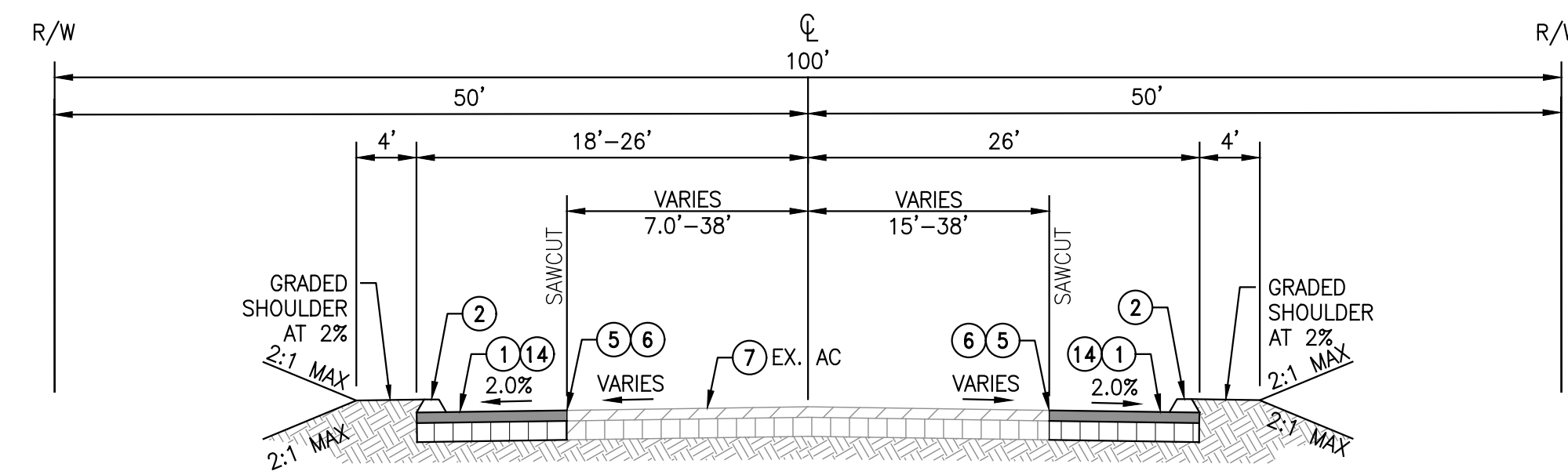
**YUCCA TRAIL**  
TYPICAL SECTION  
STA. 27+48.61 TO STA. 32+42.84  
STA. 35+44.70 TO STA. 38+46.44  
N.T.S.



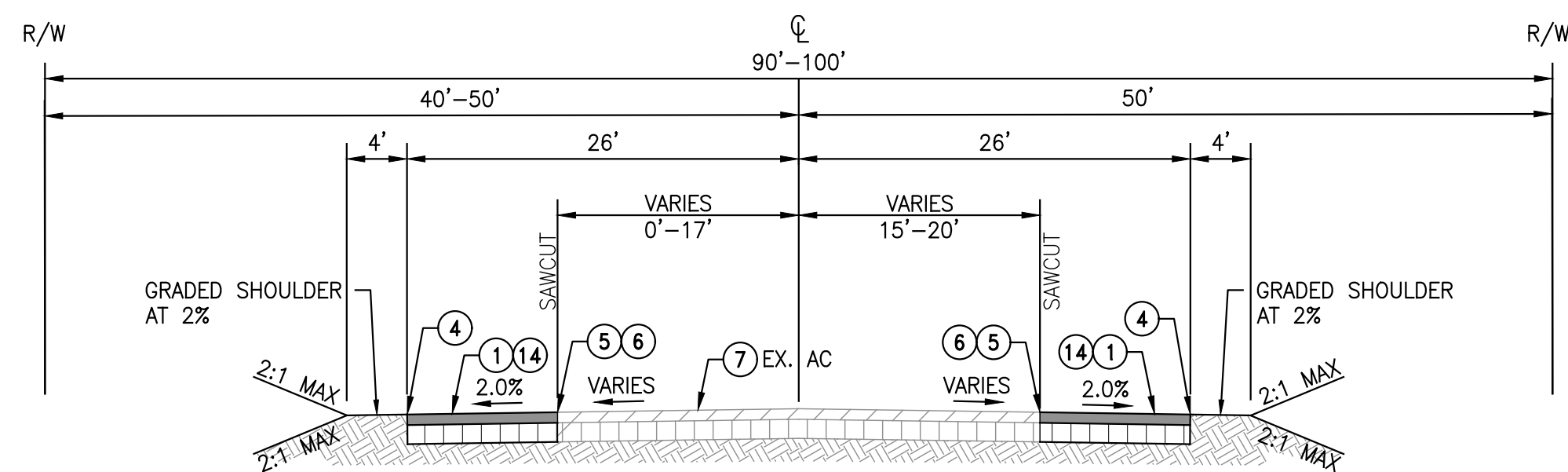
**YUCCA TRAIL**  
TYPICAL SECTION  
STA. 32+42.84 TO STA. 35+44.70  
N.T.S.



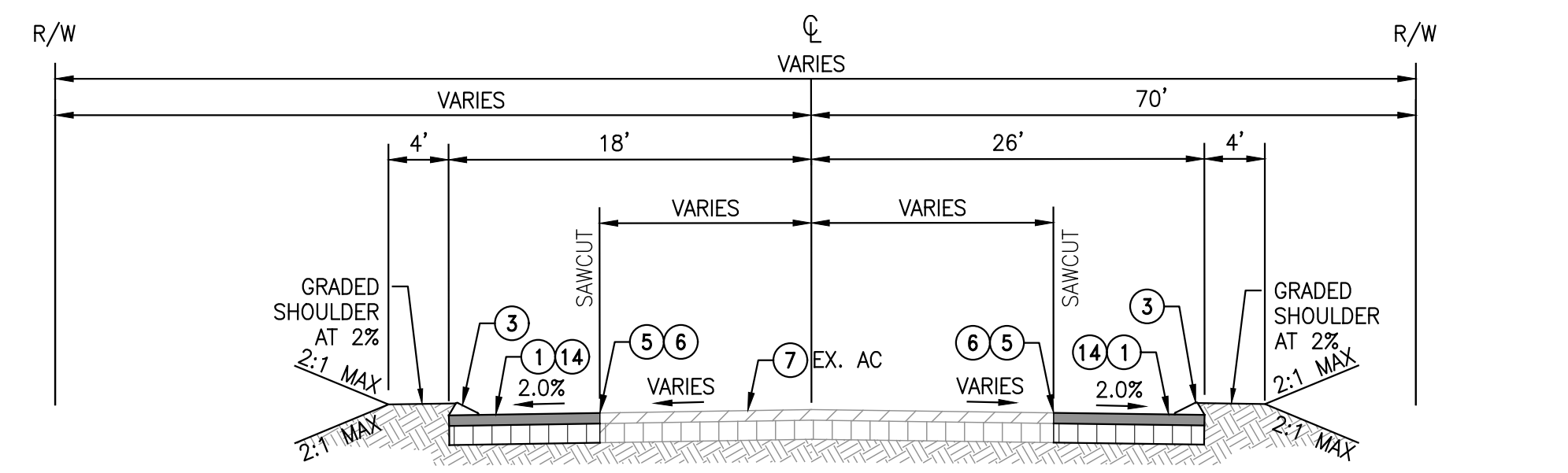
**YUCCA TRAIL**  
TYPICAL SECTION  
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N.T.S.



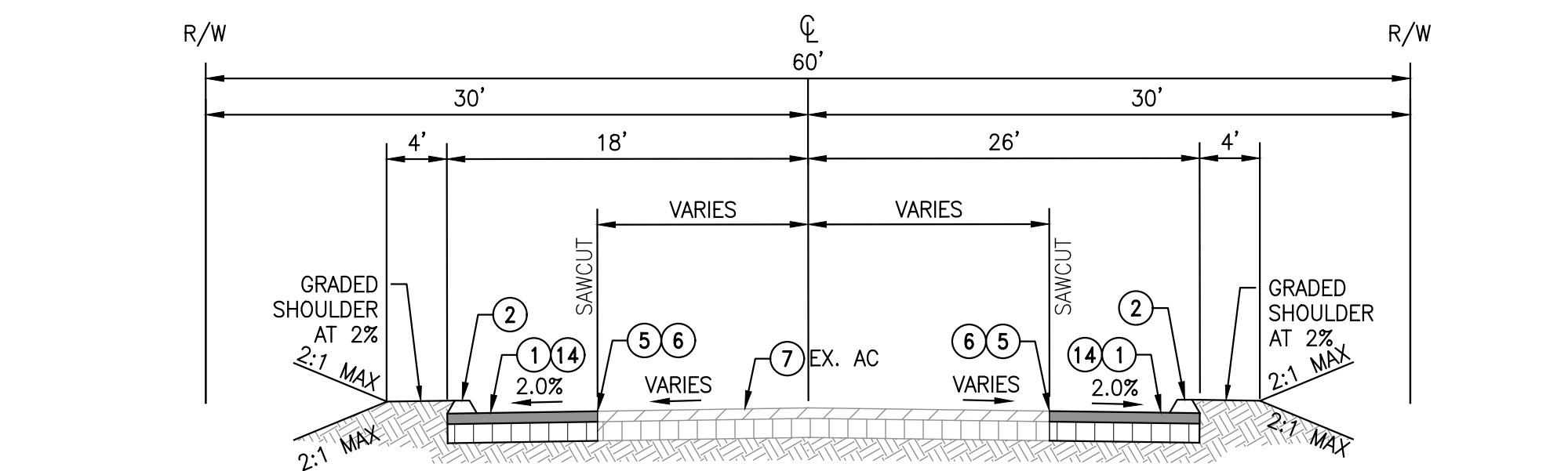
**YUCCA TRAIL**  
TYPICAL SECTION  
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N.T.S.



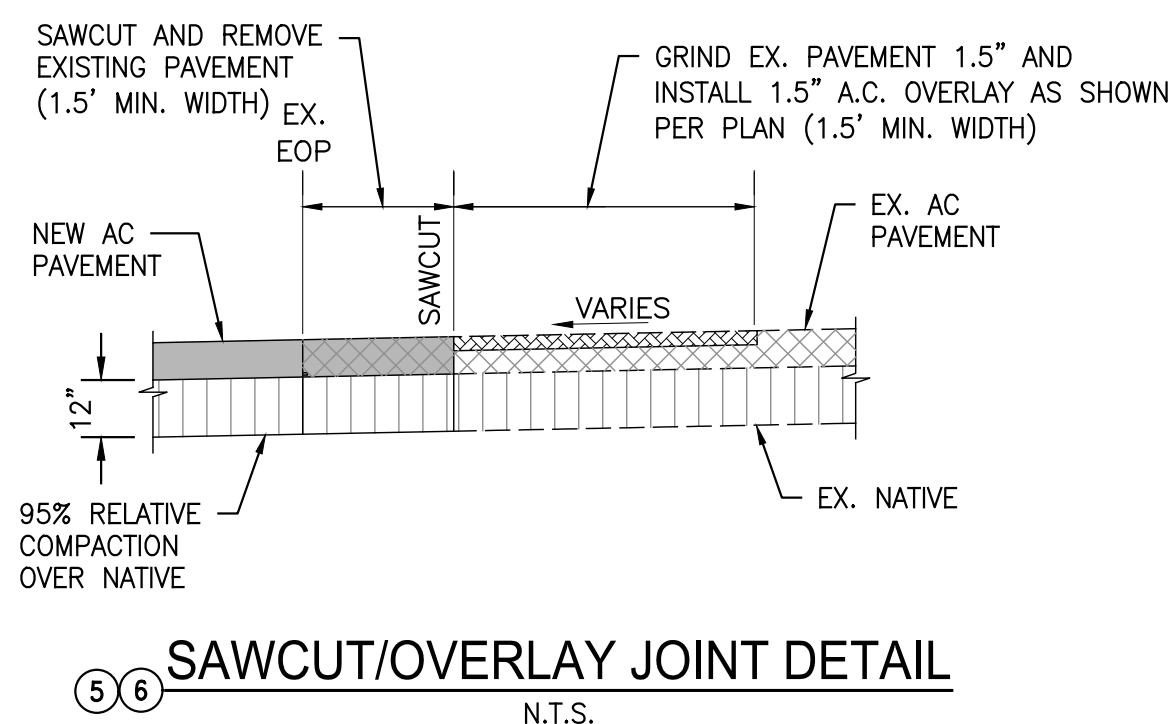
**YUCCA TRAIL**  
TYPICAL SECTION  
STA. 65+09.37 TO STA. 70+88.05  
N.T.S.



**WARREN VISTA AVENUE**  
TYPICAL SECTION  
STA. 10+00.00 TO 13+16.93  
N.T.S.



**WARREN VISTA AVENUE**  
TYPICAL SECTION  
STA. 14+24.28 TO 17+28.29  
N.T.S.



**SAWCUT/OVERLAY JOINT DETAIL**  
N.T.S.

**CONSTRUCTION NOTES**

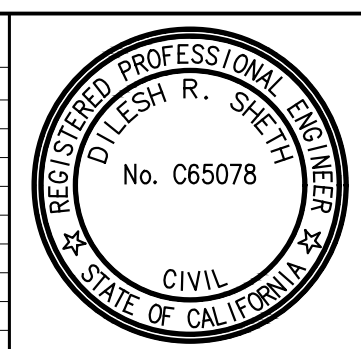
- 1 CONSTRUCT 0.50" AC OVER NATIVE, GRADE AND COMPACT NATIVE TO 95% RELATIVE COMPACTION.
- 2 CONSTRUCT 8" AC DIKE PER YUCCA VALLEY STD. NO. 200.
- 3 CONSTRUCT 4" AC DIKE PER CALTRANS 2018 STD. PLAN A87B, TYPE E.
- 4 CONSTRUCT EDGE OF PAVEMENT PER CALTRANS 2015 STD. PLAN NO. RSP P75, CASE A.
- 5 SAWCUT EXISTING PAVEMENT.
- 6 GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL ON SHEET 2.
- 7 PROTECT IN PLACE.
- 21 GRIND EXISTING PAVEMENT (1.5") AND INSTALL VARIABLE THICKNESS A.C. OVERLAY (1.5" MIN).

**Underground Service Alert**

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

**BENCHMARK:**  
PID: EV3507, ELEV.=3172.51' (NAVD88)  
DESCRIBED BY NATIONAL GEODETIC SURVEY 1978 4.2 MI EAST FROM YUCCA VALLEY, ~ 4.2 MILES EAST ALONG STATE HIGHWAY 62 FROM THE POST OFFICE AT YUCCA VALLEY, AT THE INTERSECTION OF HIGHWAY 62 AND INDO AVENUE, 106.5 FT. NORTH OF THE CENTER LINE OF THE WESTBOUND LANES OF HIGHWAY 62, 61 FT. WEST OF THE CENTER LINE OF INDO AVENUE, 35.5 FT. SOUTH OF THE SOUTHEAST CORNER OF DINO'S ITALIAN INN, IN TOP OF NORTH CURB OF TWENTY-NINE PALMS OUTER HIGHWAY.

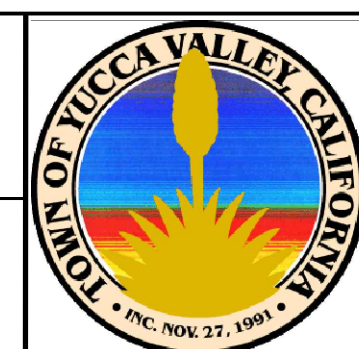
REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'VD



PLANS PREPARED BY: **ALBERT A. WEBB ASSOCIATES**  
ENGINEERING CONSULTANTS  
3788 MCCRAY STREET  
RIVERSIDE CA. 92506  
PH. (951) 686-1070  
FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_  
DESIGNED BY: JLC CHECKED BY: LM

ENGINEER: \_\_\_\_\_ R.C.E. NO. C65078 DATE: \_\_\_\_\_



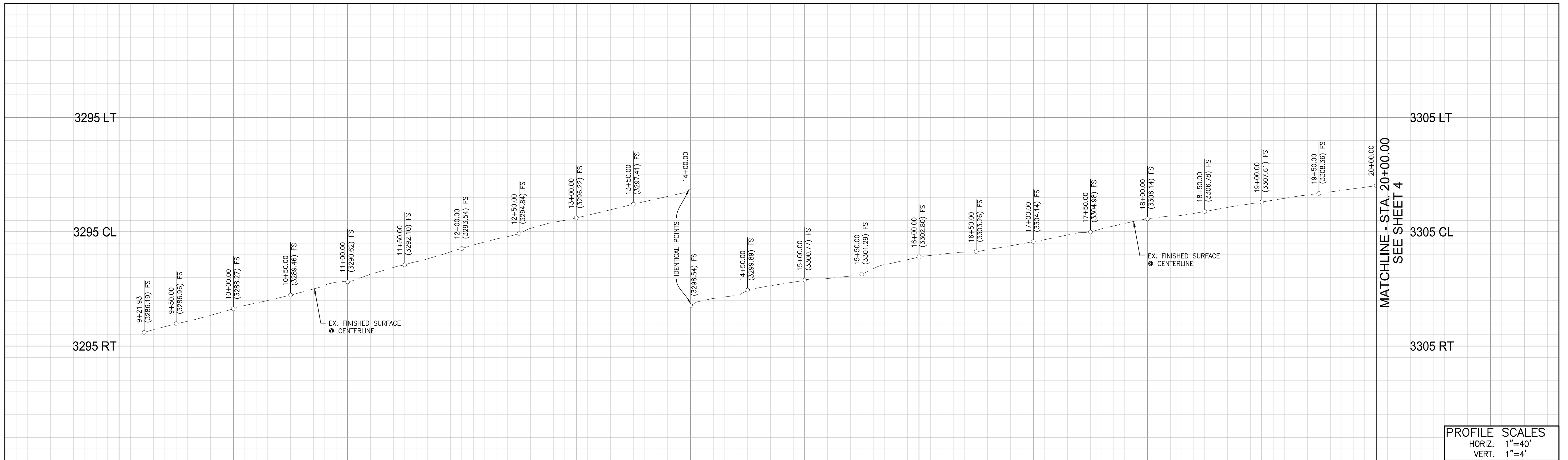
APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
NOEL OWSLEY, TOWN ENGINEER  
R.C.E. 39827 EXP. DATE 12/31/21

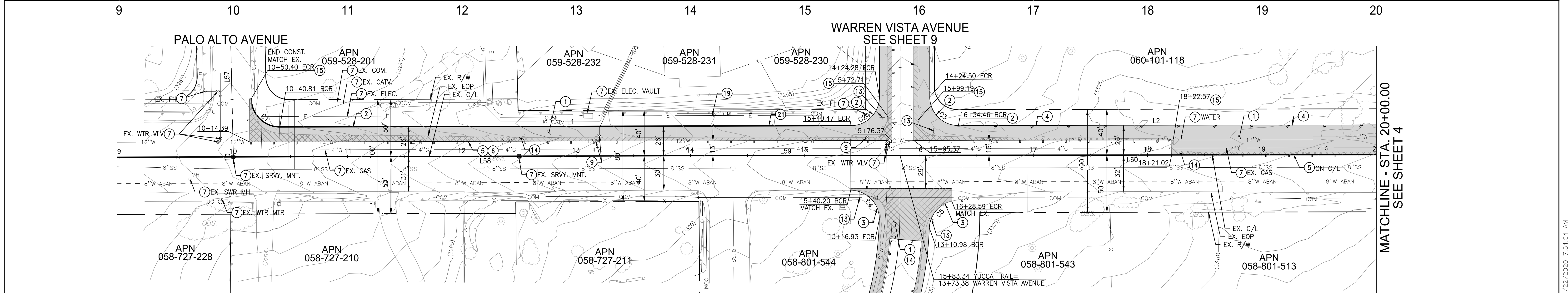
**TOWN OF YUCCA VALLEY**  
**STREET IMPROVEMENT PLANS**  
**YUCCA TRAIL & WARREN VISTA AVENUE**  
**STREET SECTIONS & DETAILS**

SHEET  
**2**  
OF 9 SHEETS  
DRAWING NO.





PROFILE SCALES  
 HORIZ. 1"=40'  
 VERT. 1"=4'



- CONSTRUCTION NOTES**
- 1 CONSTRUCT 0.50' AC OVER NATIVE, GRADE AND COMPACT NATIVE TO 95% RELATIVE COMPACTION.
  - 2 CONSTRUCT 8" AC DIKE PER YUCCA VALLEY STD. NO. 202.
  - 3 CONSTRUCT 4" AC DIKE PER CALTRANS 2018 STD. PLAN A87B, TYPE E.
  - 4 CONSTRUCT EDGE OF PAVEMENT PER CALTRANS 2015 STD. PLAN NO. RSP P75, CASE A.
  - 5 SAWCUT EXISTING PAVEMENT.
  - 6 GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL ON SHEET 2.
  - 7 PROTECT IN PLACE.
  - 9 ADJUST EXISTING WATER VALVE TO GRADE PER HDWD STD. NO. C-11
  - 13 REMOVE/RELOCATE EXISTING ROAD SIGN PER SIGNING & STRIPING PLAN.
  - 14 REMOVE EXISTING AC PAVEMENT AND MATERIAL DOWN 0.50'.
  - 15 REMOVE EXISTING AC BERM.
  - 19 REMOVE AND SALVAGE EXISTING STREET LIGHT POLE.

# YUCCA TRAIL

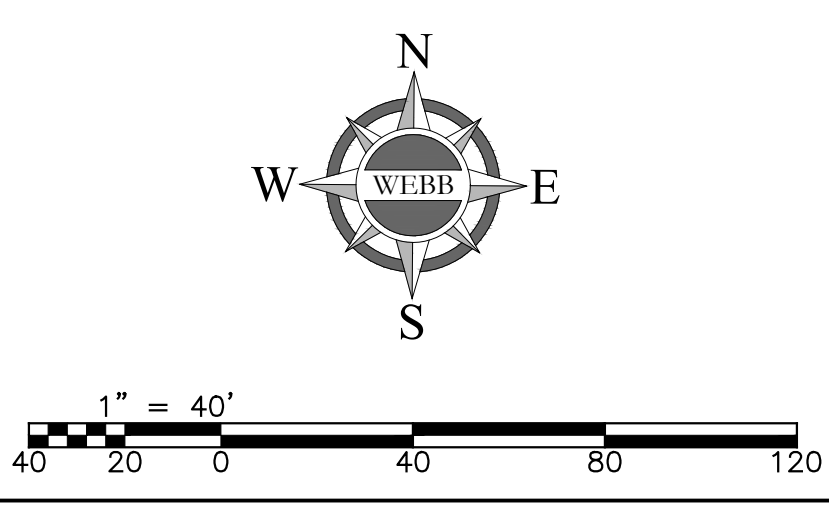
**LINE TABLE**

LINE #	LENGTH	DIRECTION
L1	499.69	N89° 22' 29"E
L2	365.54	S89° 24' 51"W
L57	349.94	N01° 49' 10"W
L58	447.05	N89° 21' 13"E
L59	136.29	N89° 24' 51"E
L60	416.66	N89° 24' 51"E

**CURVE TABLE**

CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C1	38.91	25.00	89°10'59"	24.65
C2	39.20	25.00	89°50'06"	24.93
C3	39.32	25.00	90°07'32"	25.05
C4	39.80	25.00	91°13'23"	25.54
C5	32.84	25.00	75°15'44"	19.27

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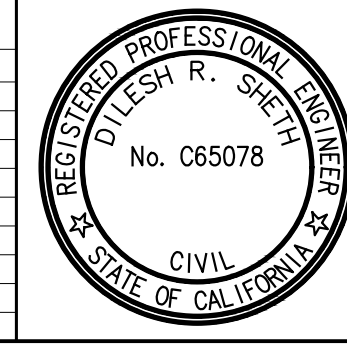
**LEGEND**

- NEW A.C. PAVEMENT
- GRIND & OVERLAY
- REMOVE EX. A.C. PAVEMENT

**BENCHMARK:**  
 PID: EV3507, ELEV.=3172.51' (NAVD88)  
 DESCRIBED BY NATIONAL GEODETIC SURVEY 1978 4.2 MI EAST FROM YUCCA VALLEY, - 4.2 MILES EAST ALONG STATE HIGHWAY 62 FROM THE POST OFFICE AT YUCCA VALLEY, AT THE INTERSECTION OF HIGHWAY 62 AND INDO AVENUE, 106.5 FT. NORTH OF THE CENTER LINE OF THE WESTBOUND LANES OF HIGHWAY 62, 61 FT. WEST OF THE CENTER LINE OF INDO AVENUE, 35.5 FT. SOUTH OF THE SOUTHEAST CORNER OF DINO'S ITALIAN INN, IN TOP OF NORTH CURB OF TWENTY-NINE PALMS OUTER HIGHWAY.

**REVISIONS**

MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'VD



PLANS PREPARED BY: **ALBERT A. WEBB ASSOCIATES**  
 ENGINEERING CONSULTANTS  
 3788 MCCRAY STREET  
 RIVERSIDE CA. 92506  
 PH. (951) 686-1070  
 FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_ DESIGNED BY: JLC CHECKED BY: LM

ENGINEER: \_\_\_\_\_ R.C.E. NO. C65078 DATE: \_\_\_\_\_



APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
 R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOEL OWSLEY, TOWN ENGINEER  
 R.C.E. 39827 EXP. DATE 12/31/21

**TOWN OF YUCCA VALLEY**

**STREET IMPROVEMENT PLANS**  
 YUCCA TRAIL & WARREN VISTA AVENUE  
 YUCCA TRAIL 10+40.81 TO 20+00.00

SHEET  
**3**  
 OF 9 SHEETS  
 DRAWING NO.

3310 LT

3310 CL

3310 RT

SEE SHEET 3  
MATCHLINE - STA. 20+00.00

3320 LT

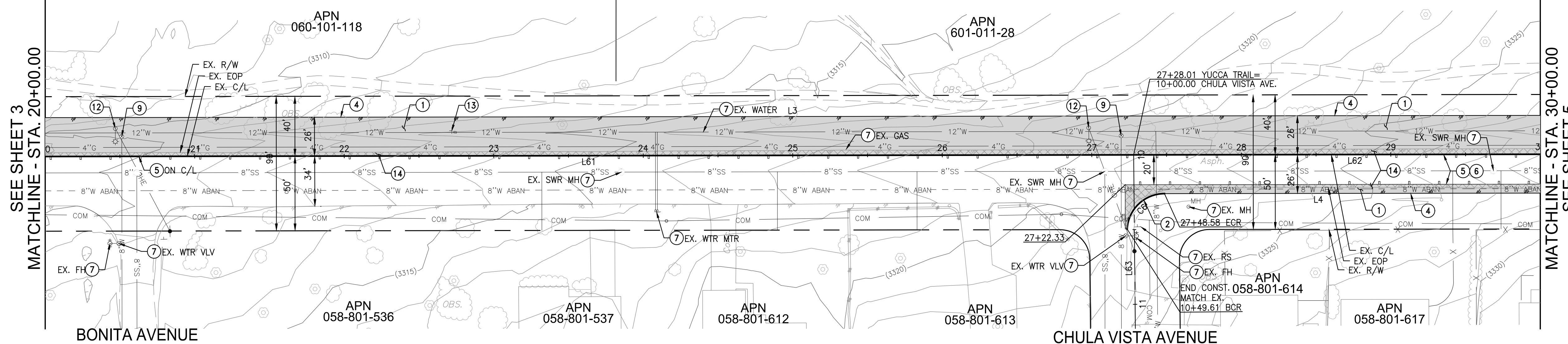
3320 CL

3320 RT

MATCHLINE - STA. 30+00.00  
SEE SHEET 5

20 21 22 23 24 25 26 27 28 29 30

PROFILE SCALES  
HORIZ. 1"=40'  
VERT. 1"=4'



SEE SHEET 3  
MATCHLINE - STA. 20+00.00

MATCHLINE - STA. 30+00.00  
SEE SHEET 5

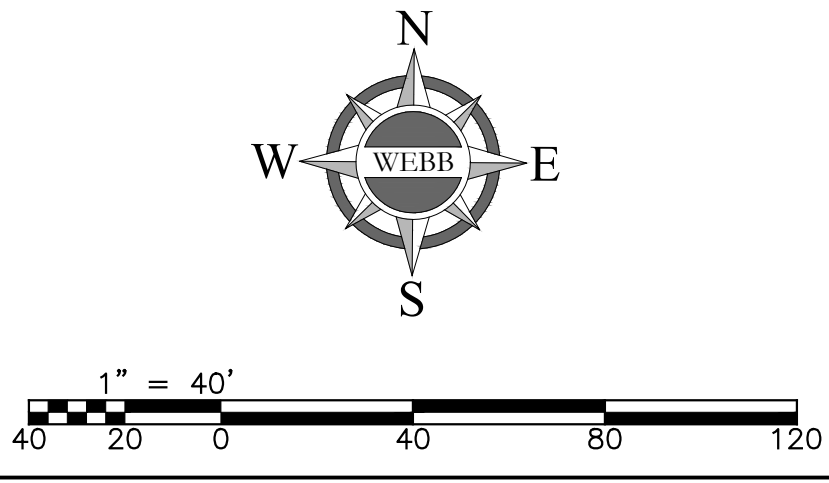
# YUCCA TRAIL

LINE #	LENGTH	DIRECTION
L3	1000.00	N89° 24' 51"E
L4	251.42	N89° 24' 51"E
L61	728.01	N89° 24' 51"E
L62	271.99	N89° 24' 51"E
L63	1660.33	N01° 03' 32"W

CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C6	37.92	25.00	86°54'28"	23.69

- ### CONSTRUCTION NOTES
- CONSTRUCT 0.50' AC OVER NATIVE, GRADE AND COMPACT NATIVE TO 95% RELATIVE COMPACTION.
  - CONSTRUCT 8" AC DIKE PER YUCCA VALLEY STD. NO. 202.
  - CONSTRUCT EDGE OF PAVEMENT PER CALTRANS 2015 STD. PLAN NO. RSP P75, CASE A.
  - SAWCUT EXISTING PAVEMENT.
  - GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL ON SHEET 2.
  - PROTECT IN PLACE.
  - ADJUST EXISTING WATER VALVE TO GRADE PER HDWD STD. NO. C-11
  - RELOCATE EXISTING STREET LIGHT BY SOUTHERN CALIFORNIA EDISON
  - REMOVE/RELOCATE EXISTING ROAD SIGN PER SIGNING & STRIPING PLAN.
  - REMOVE EXISTING AC PAVEMENT AND MATERIAL DOWN 0.50'.

**Underground Service Alert**  
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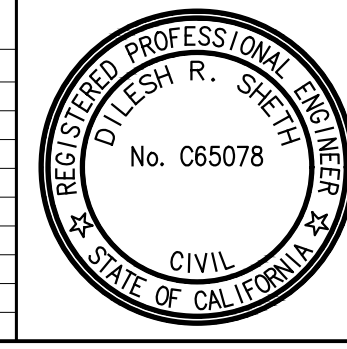


**LEGEND**

- NEW A.C. PAVEMENT
- GRIND & OVERLAY
- REMOVE EX. A.C. PAVEMENT

**BENCHMARK:**  
PID: EV3507, ELEV.=3172.51' (NAVD88)  
DESCRIBED BY NATIONAL GEODETIC SURVEY 1978 4.2 MI EAST FROM YUCCA VALLEY, - 4.2 MILES EAST ALONG STATE HIGHWAY 62 FROM THE POST OFFICE AT YUCCA VALLEY, AT THE INTERSECTION OF HIGHWAY 62 AND INDO AVENUE, 106.5 FT. NORTH OF THE CENTER LINE OF THE WESTBOUND LANES OF HIGHWAY 62, 61 FT. WEST OF THE CENTER LINE OF INDO AVENUE, 35.5 FT. SOUTH OF THE SOUTHEAST CORNER OF DINO'S ITALIAN INN, IN TOP OF NORTH CURB OF TWENTY-NINE PALMS OUTER HIGHWAY.

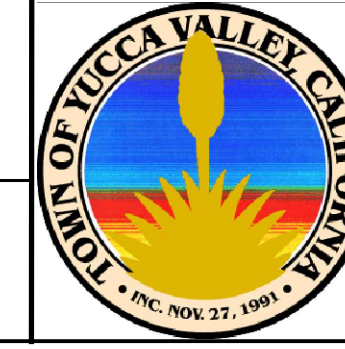
REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'VD



PLANS PREPARED BY: **ALBERT A. WEBB ASSOCIATES**  
ENGINEERING CONSULTANTS  
3788 MCCRAY STREET  
RIVERSIDE CA. 92506  
PH. (951) 686-1070  
FAX (951) 788-1256

DESIGNED BY: JLC CHECKED BY: LM

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_ ENGINEER R.C.E. NO. C65078 DATE \_\_\_\_\_



APPROVED BY: \_\_\_\_\_ DATE \_\_\_\_\_  
ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: \_\_\_\_\_ DATE \_\_\_\_\_  
NOEL OWLSLEY, TOWN ENGINEER  
R.C.E. 39827 EXP. DATE 12/31/21

**TOWN OF YUCCA VALLEY**  
**STREET IMPROVEMENT PLANS**  
YUCCA TRAIL & WARREN VISTA AVENUE  
YUCCA TRAIL 20+00.00 TO 30+00.00

SHEET  
**4**  
OF 9 SHEETS  
DRAWING NO.

3330 LT

3330 CL

3330 RT

3330 LT

3330 CL

3330 RT

SEE SHEET 4  
MATCHLINE - STA. 30+00.00

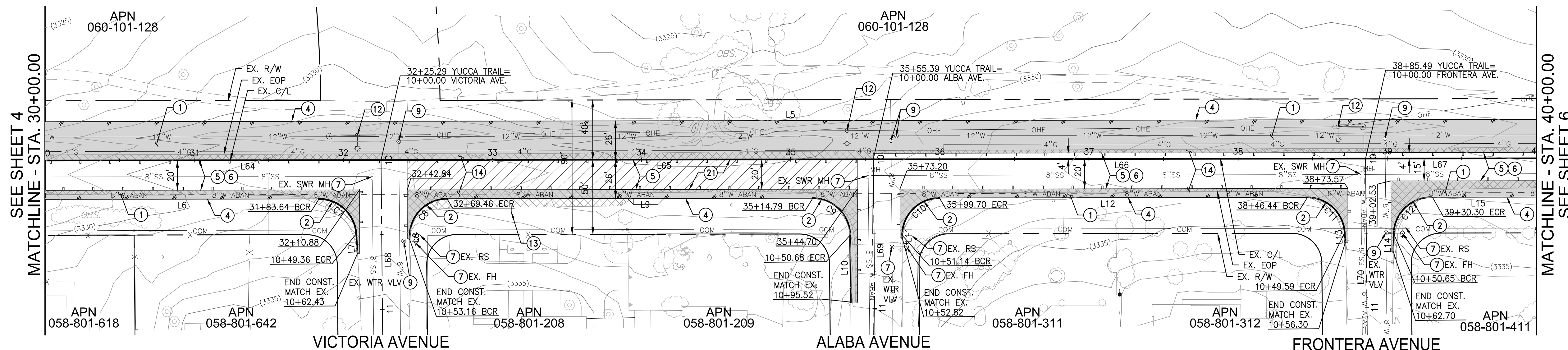
MATCHLINE - STA. 40+00.00  
SEE SHEET 6

PROFILE SCALES  
HORIZ. 1"=40'  
VERT. 1"=4'

LINE TABLE

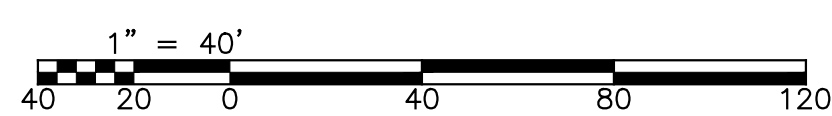
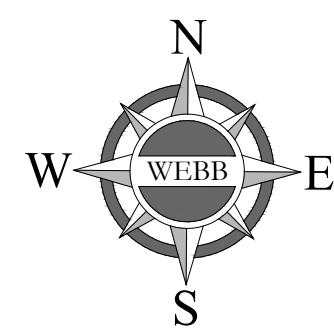
LINE #	LENGTH	DIRECTION
L5	1000.00	S89° 24' 51"W
L6	183.64	N89° 24' 51"E
L7	13.09	S04° 01' 57"E
L8	3.16	N02° 02' 32"E
L9	245.33	N89° 24' 51"E
L10	44.84	N01° 02' 07"W
L11	1.68	S00° 33' 08"E
L12	246.73	N89° 24' 51"E
L13	6.72	S03° 34' 05"E
L14	12.05	N00° 33' 01"E
L15	69.70	N89° 24' 51"E
L64	225.29	N89° 24' 51"E
L65	330.10	N89° 24' 51"E
L66	330.10	N89° 24' 51"E
L67	114.51	N89° 24' 51"E
L68	200.00	S01° 02' 07"E
L69	200.00	S01° 02' 07"E
L70	200.00	S01° 02' 07"E

30 31 32 33 34 35 36 37 38 39 40



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CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C7	37.77	25.00	86°33'12"	23.54
C8	38.12	25.00	87°22'19"	23.88
C9	39.07	25.00	89°33'02"	24.80
C10	39.26	25.00	89°57'59"	24.99
C11	37.97	25.00	87°01'04"	23.73
C12	39.78	25.03	91°03'30"	25.50

LEGEND

- NEW A.C. PAVEMENT
- GRIND & OVERLAY
- REMOVE EX. A.C. PAVEMENT

YUCCA TRAIL

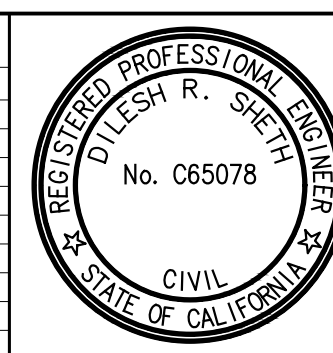
CONSTRUCTION NOTES

- CONSTRUCT 0.50' AC OVER NATIVE, GRADE AND COMPACT NATIVE TO 95% RELATIVE COMPACTION.
- CONSTRUCT 8" AC DIKE PER YUCCA VALLEY STD. NO. 202.
- CONSTRUCT EDGE OF PAVEMENT PER CALTRANS 2015 STD. PLAN NO. RSP P75, CASE A.
- SAWCUT EXISTING PAVEMENT.
- GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL ON SHEET 2.
- PROTECT IN PLACE.
- ADJUST EXISTING WATER VALVE TO GRADE PER HDWD STD. NO. C-11
- RELOCATE EXISTING STREET LIGHT BY SOUTHERN CALIFORNIA EDISON
- REMOVE/RELOCATE EXISTING ROAD SIGN PER SIGNING & STRIPING PLAN.
- REMOVE EXISTING AC PAVEMENT AND MATERIAL DOWN 0.50'.
- GRIND EXISTING PAVEMENT (1.5") AND INSTALL VARIABLE THICKNESS A.C. OVERLAY (1.5" MIN).

BENCHMARK:  
PID: EV3507, ELEV.=3172.51' (NAVD88)  
DESCRIBED BY NATIONAL GEODETIC SURVEY 1978 4.2 MI EAST FROM YUCCA VALLEY, - 4.2 MILES EAST ALONG STATE HIGHWAY 62 FROM THE POST OFFICE AT YUCCA VALLEY, AT THE INTERSECTION OF HIGHWAY 62 AND INDIO AVENUE, 106.5 FT. NORTH OF THE CENTER LINE OF THE WESTBOUND LANES OF HIGHWAY 62, 61 FT. WEST OF THE CENTER LINE OF INDIO AVENUE, 35.5 FT. SOUTH OF THE SOUTHEAST CORNER OF DINO'S ITALIAN INN, IN TOP OF NORTH CURB OF TWENTY-NINE PALMS OUTER HIGHWAY.

REVISIONS

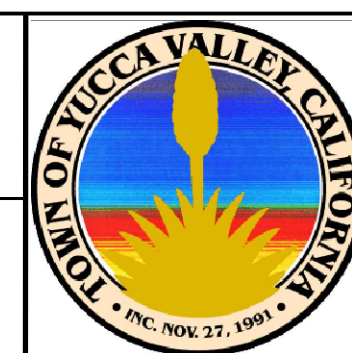
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'VD



PLANS PREPARED BY: ALBERT A. WEBB ASSOCIATES  
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FAX (951) 788-1256

DESIGNED BY: JLC CHECKED BY: LM

PREPARED UNDER THE SUPERVISION OF: ENGINEER R.C.E. NO. C65078 DATE



APPROVED BY: ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: NOEL OWSLEY, TOWN ENGINEER  
R.C.E. 39827 EXP. DATE 12/31/21

TOWN OF YUCCA VALLEY

STREET IMPROVEMENT PLANS  
YUCCA TRAIL & WARREN VISTA AVENUE  
YUCCA TRAIL 30+00.00 TO 40+00.00

SHEET 5 OF 9 SHEETS DRAWING NO.

3330 LT

3330 CL

3330 RT

3330 LT

3330 CL

3330 RT

SEE SHEET 5  
MATCHLINE - STA. 40+00.00

MATCHLINE - STA. 50+00.00  
SEE SHEET 7

PROFILE SCALES  
HORIZ. 1"=40'  
VERT. 1"=4'

40 41 42 43 44 45 46 47 48 49 50

LINE TABLE

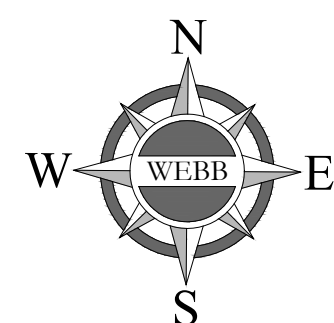
LINE #	LENGTH	DIRECTION
L16	52.64	S89° 24' 51"W
L17	133.71	S89° 19' 34"W
L18	734.47	S89° 19' 34"W
L19	52.70	N89° 24' 51"E
L20	568.14	N89° 19' 34"E
L21	17.51	N00° 41' 51"W
L22	8.10	N01° 54' 23"W
L23	296.34	N89° 19' 34"E
L24	0.85	S02° 52' 15"E
L71	52.68	N89° 24' 51"E
L72	152.81	N89° 19' 34"E
L73	457.19	N89° 19' 34"E
L74	337.32	N89° 19' 34"E
L75	200.00	S00° 00' 19"W
L76	200.00	S01° 01' 05"E

CURVE TABLE





CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C13	39.26	25.00	89°58'35"	24.99
C14	39.82	24.97	91°21'38"	25.57
C15	38.40	25.00	88°00'51"	24.15
C16	38.33	24.95	88°02'39"	24.11

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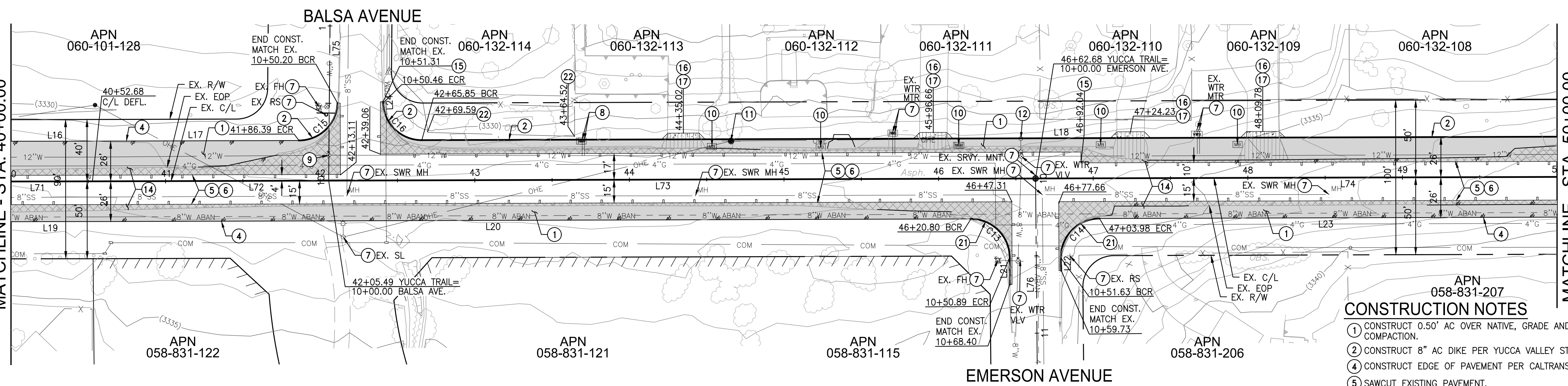


LEGEND

-  NEW A.C. PAVEMENT
-  NEW CONCRETE
-  REMOVE EX. A.C. PAVEMENT
-  REMOVE EX. CONC. PAVEMENT

SEE SHEET 5  
MATCHLINE - STA. 40+00.00

MATCHLINE - STA. 50+00.00  
SEE SHEET 7



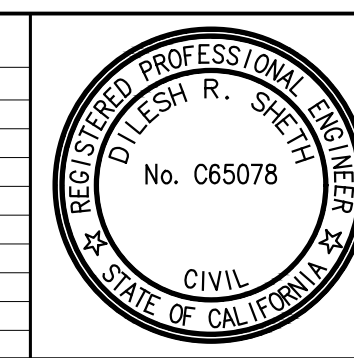
# YUCCA TRAIL

CONSTRUCTION NOTES

- 1 CONSTRUCT 0.50' AC OVER NATIVE, GRADE AND COMPACT NATIVE TO 95% RELATIVE COMPACTION.
- 2 CONSTRUCT 8" AC DIKE PER YUCCA VALLEY STD. NO. 202.
- 4 CONSTRUCT EDGE OF PAVEMENT PER CALTRANS 2015 STD. PLAN NO. RSP P75, CASE A.
- 5 SAWCUT EXISTING PAVEMENT.
- 6 GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL ON SHEET 2.
- 7 PROTECT IN PLACE.
- 8 RELOCATE EXISTING WATER METER PER HDWD STD. NO. C-4B.
- 9 ADJUST EXISTING WATER VALVE TO GRADE PER HDWD STD. NO. C-11
- 10 RELOCATE EXISTING MAIL BOX PER YUCCA VALLEY STD. NO. 500.
- 11 RELOCATE EXISTING POWER POLE BY SOUTHERN CALIFORNIA EDISON.
- 12 RELOCATE EXISTING STREET LIGHT BY SOUTHERN CALIFORNIA EDISON.
- 14 REMOVE EXISTING AC PAVEMENT AND MATERIAL DOWN 0.50'.
- 15 REMOVE EXISTING AC BERM.
- 16 REMOVE EXISTING CONCRETE DRIVEWAY
- 17 RE-CONSTRUCT CONCRETE DRIVEWAY PER YUCCA VALLEY STD. NO. 210.
- 22 REMOVE AND REPLACE EXISTING FENCE.

BENCHMARK:  
PID: EV3507, ELEV.=3172.51' (NAVD88)  
DESCRIBED BY NATIONAL GEODETIC SURVEY 1978 4.2 MI EAST FROM YUCCA VALLEY, - 4.2 MILES EAST ALONG STATE HIGHWAY 62 FROM THE POST OFFICE AT YUCCA VALLEY, AT THE INTERSECTION OF HIGHWAY 62 AND INDIO AVENUE, 106.5 FT. NORTH OF THE CENTER LINE OF THE WESTBOUND LANES OF HIGHWAY 62, 61 FT. WEST OF THE CENTER LINE OF INDIO AVENUE, 35.5 FT. SOUTH OF THE SOUTHEAST CORNER OF DINO'S ITALIAN INN, IN TOP OF NORTH CURB OF TWENTY-NINE PALMS OUTER HIGHWAY.

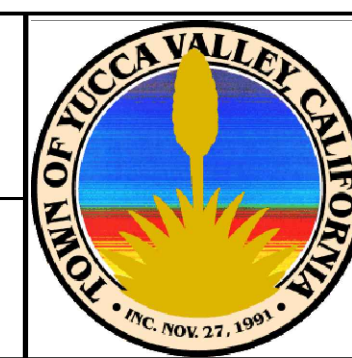
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'VD



PLANS PREPARED BY: ALBERT A. WEBB ASSOCIATES  
ENGINEERING CONSULTANTS  
3788 MCCRAY STREET  
RIVERSIDE CA. 92506  
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FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: JLC  
DESIGNED BY: JLC CHECKED BY: LM

ENGINEER: R.C.E. NO. C65078 DATE: \_\_\_\_\_

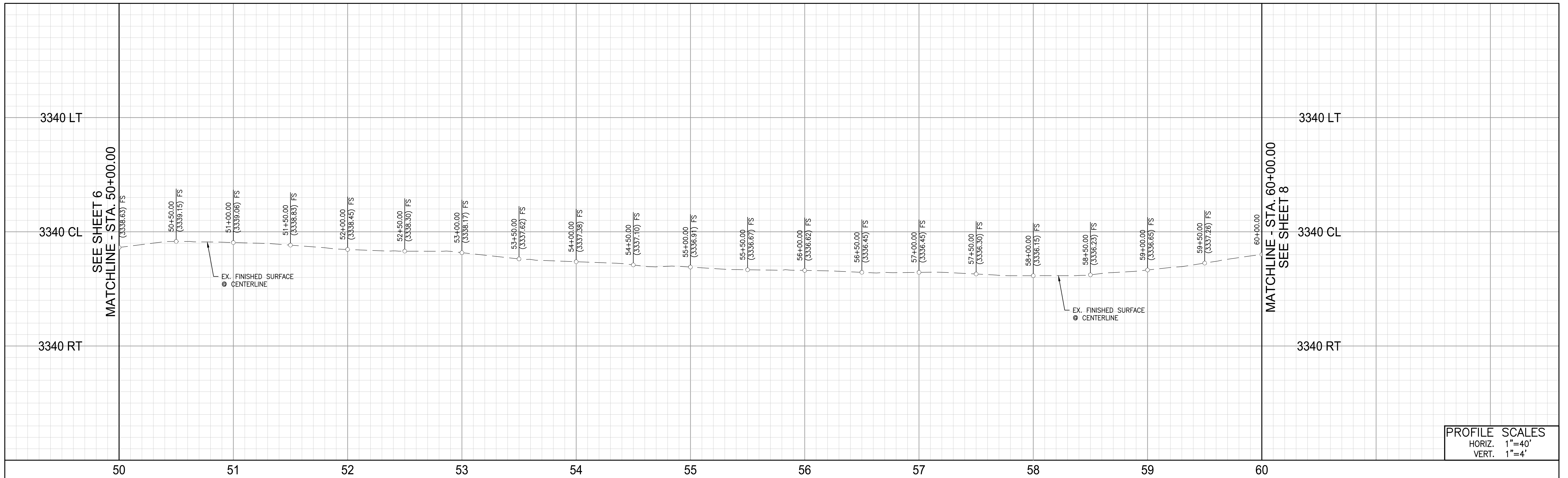


APPROVED BY: ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
R.C.E. 70102 EXP. DATE 09/30/20

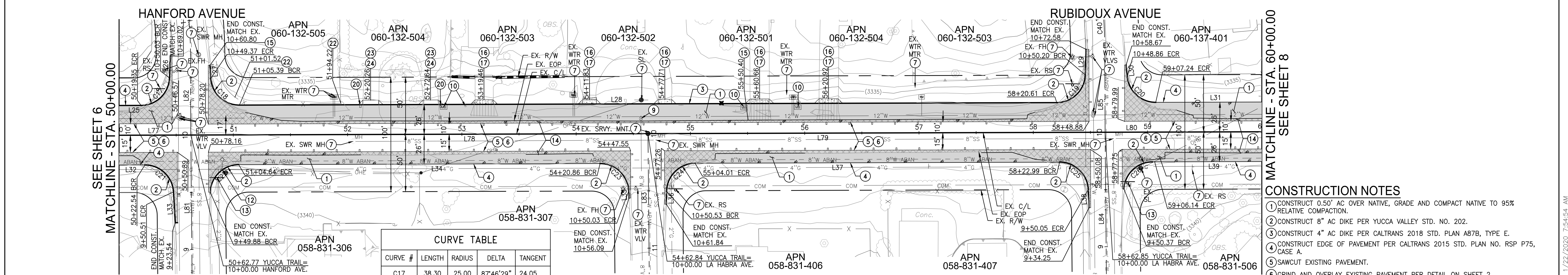
RECOMMENDED BY: NOEL OWSLEY, TOWN ENGINEER  
R.C.E. 39827 EXP. DATE 12/31/21

TOWN OF YUCCA VALLEY  
STREET IMPROVEMENT PLANS  
YUCCA TRAIL & WARREN VISTA AVENUE  
YUCCA TRAIL 40+00.00 TO 50+00.00

SHEET 6  
OF 9 SHEETS  
DRAWING NO.



PROFILE SCALES  
 HORIZ. 1"=40'  
 VERT. 1"=4'



CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C17	38.30	25.00	87°46'29"	24.05
C18	37.63	25.00	86°15'05"	23.42
C19	38.47	25.00	88°10'26"	24.22
C20	37.13	25.00	85°05'35"	22.95
C21	37.85	25.00	86°44'46"	23.62
C22	38.29	25.00	87°45'42"	24.04
C23	38.41	25.00	88°01'14"	24.15
C24	38.70	25.00	88°41'48"	24.44
C25	38.31	25.00	87°47'31"	24.05
C26	37.80	25.00	86°37'33"	23.57
C39	137.23	350.00	22°27'54"	69.51
C40	129.19	500.00	14°48'16"	64.96

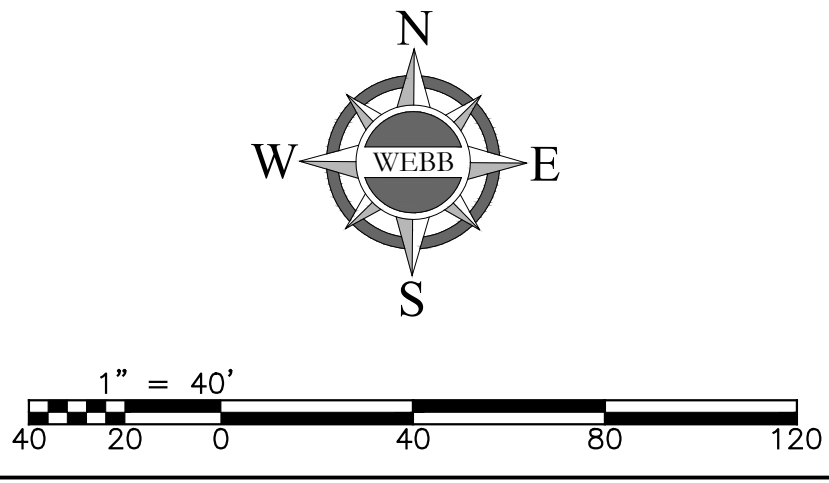
LINE #	LENGTH	DIRECTION
L25	19.03	S89° 19' 34"W
L26	19.00	N01° 33' 05"E
L27	11.46	N04° 25' 22"W
L28	715.21	S89° 19' 34"W
L29	22.31	S01° 09' 07"W
L30	9.84	N05° 34' 52"W
L31	92.76	S89° 19' 34"W
L32	22.23	N89° 19' 34"E

LINE #	LENGTH	DIRECTION
L33	27.01	N03° 55' 40"W
L34	316.22	N89° 19' 34"E
L35	6.06	N02° 39' 12"W
L36	11.32	N00° 37' 46"E
L37	318.98	N89° 19' 34"E
L38	15.81	N02° 52' 56"W
L39	95.82	N89° 19' 34"E
L77	62.77	N89° 19' 34"E

LINE #	LENGTH	DIRECTION
L78	400.08	N89° 19' 34"E
L79	400.01	N89° 19' 34"E
L80	137.15	N89° 19' 34"E
L81	722.96	S01° 01' 07"E
L82	70.00	N00° 40' 26"W
L83	200.00	S01° 01' 07"E
L84	200.00	S01° 01' 07"E

- CONSTRUCTION NOTES**
- CONSTRUCT 0.50' AC OVER NATIVE, GRADE AND COMPACT NATIVE TO 95% RELATIVE COMPACTION.
  - CONSTRUCT 8" AC DIKE PER YUCCA VALLEY STD. NO. 202.
  - CONSTRUCT 4" AC DIKE PER CALTRANS 2018 STD. PLAN A87B, TYPE E.
  - CONSTRUCT EDGE OF PAVEMENT PER CALTRANS 2015 STD. PLAN NO. RSP P75, CASE A.
  - SAWCUT EXISTING PAVEMENT.
  - GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL ON SHEET 2.
  - PROTECT IN PLACE.
  - ADJUST EXISTING WATER VALVE TO GRADE PER HDWD STD. NO. C-11
  - RELOCATE EXISTING MAIL BOX PER YUCCA VALLEY STD. NO. 500.
  - RELOCATE EXISTING STREET LIGHT BY SOUTHERN CALIFORNIA EDISON
  - REMOVE/RELOCATE EXISTING ROAD SIGN PER SIGNING & STRIPING PLAN.
  - REMOVE EXISTING AC PAVEMENT AND MATERIAL DOWN 0.50'.
  - REMOVE EXISTING AC BERM.
  - REMOVE EXISTING CONCRETE DRIVEWAY
  - RE-CONSTRUCT CONCRETE DRIVEWAY PER YUCCA VALLEY STD. NO. 210.
  - RELOCATE EXISTING DECORATIVE STATUE.
  - REMOVE AND REPLACE EXISTING FENCE.
  - REMOVE EXISTING AC DRIVEWAY.
  - RE-CONSTRUCT AC DRIVEWAY PER YUCCA VALLEY STD. NO. 210.

**Underground Service Alert**  
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**811**  
 WWW.call811.com  
 TWO WORKING DAYS BEFORE YOU DIG



**BENCHMARK:**  
 PID: EV3507, ELEV.=3172.51' (NAVD88)  
 DESCRIBED BY NATIONAL GEODETIC SURVEY 1978 4.2 MI EAST FROM YUCCA VALLEY, - 4.2 MILES EAST ALONG STATE HIGHWAY 62 FROM THE POST OFFICE AT YUCCA VALLEY, AT THE INTERSECTION OF HIGHWAY 62 AND INDIO AVENUE, 106.5 FT. NORTH OF THE CENTER LINE OF THE WESTBOUND LANES OF HIGHWAY 62, 61 FT. WEST OF THE CENTER LINE OF INDIO AVENUE, 35.5 FT. SOUTH OF THE SOUTHEAST CORNER OF DINO'S ITALIAN INN, IN TOP OF NORTH CURB OF TWENTY-NINE PALMS OUTER HIGHWAY.

MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'VD



PLANS PREPARED BY: **ALBERT A. WEBB ASSOCIATES**  
 ENGINEERING CONSULTANTS  
 3788 MCCRAY STREET  
 RIVERSIDE CA. 92506  
 PH. (951) 686-1070  
 FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_  
 DESIGNED BY: JLC CHECKED BY: LM

ENGINEER: \_\_\_\_\_ R.C.E. NO. C65078 DATE: \_\_\_\_\_

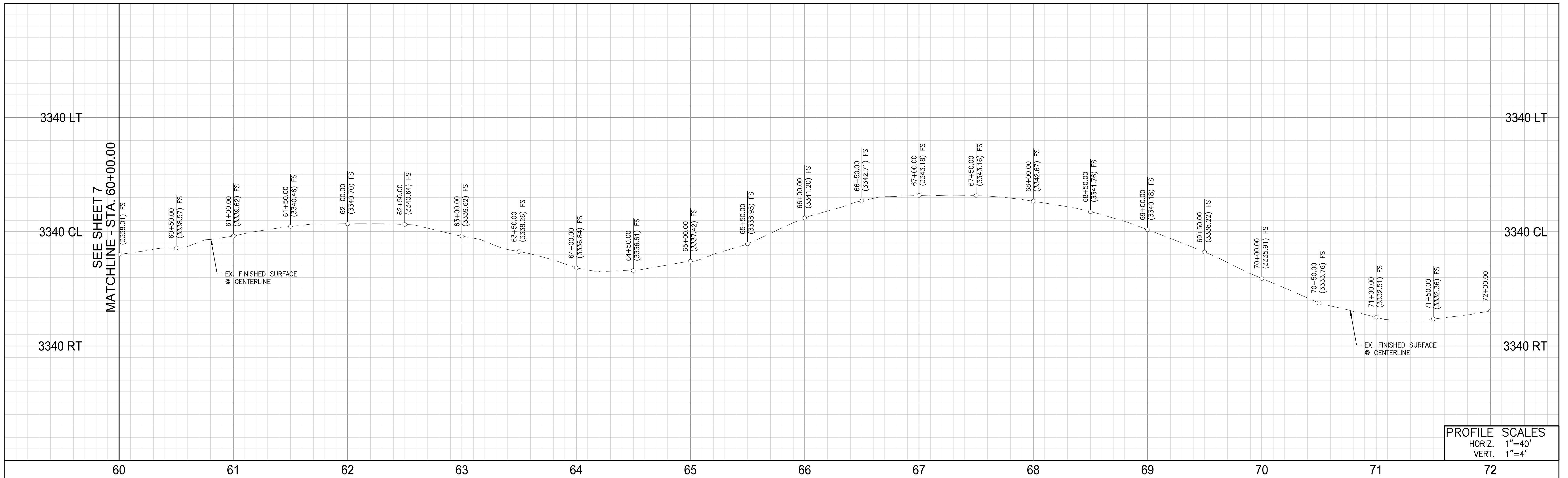


APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
 R.C.E. 70102 EXP. DATE 09/30/20

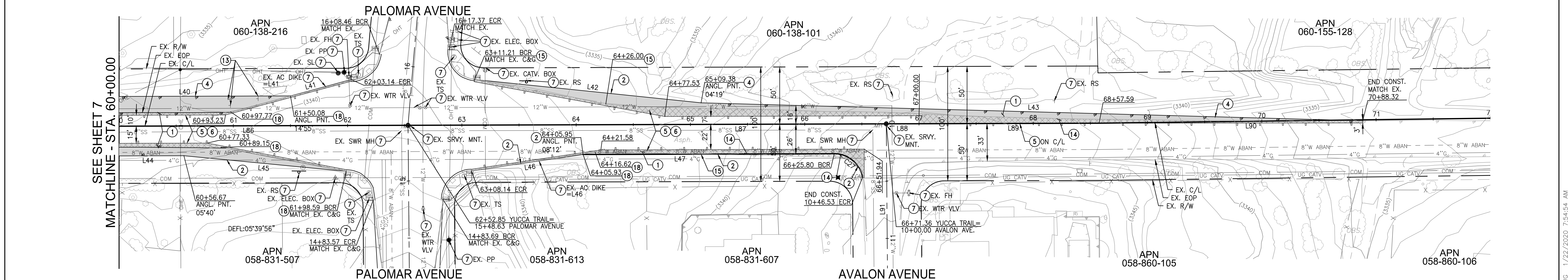
RECOMMENDED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOEL OWLSLEY, TOWN ENGINEER  
 R.C.E. 39827 EXP. DATE 12/31/21

**TOWN OF YUCCA VALLEY**  
**STREET IMPROVEMENT PLANS**  
 YUCCA TRAIL & WARREN VISTA AVENUE  
 YUCCA TRAIL 50+00.00 TO 60+00.00

SHEET **7**  
 OF 9 SHEETS  
 DRAWING NO. \_\_\_\_\_



PROFILE SCALES  
 HORIZ. 1"=40'  
 VERT. 1"=4'

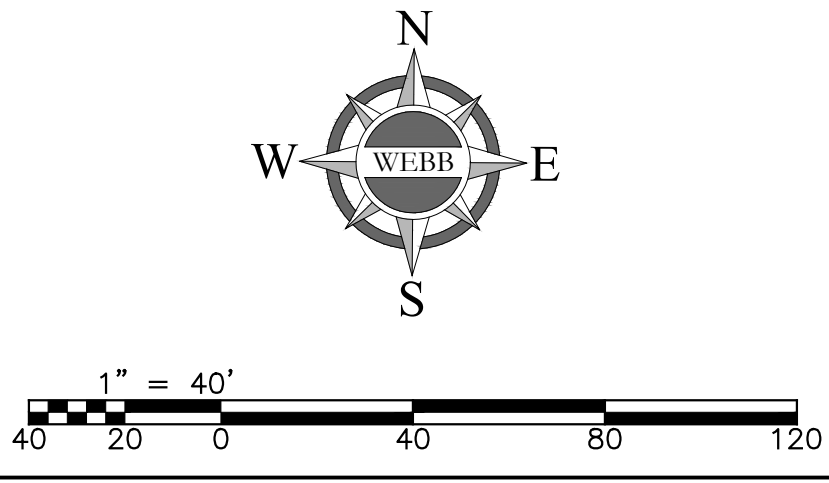


LINE #	LENGTH	DIRECTION
L40	150.08	S89° 19' 34"W
L41	54.91	S74° 24' 20"W
L42	199.28	S84° 37' 36"E
L43	579.20	N88° 56' 50"W
L44	56.67	N89° 19' 34"E
L45	142.62	S85° 00' 30"E
L46	98.83	N81° 07' 25"E
L47	219.85	N89° 19' 34"E

CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C27	35.05	25.00	80°19'40"	21.10

- CONSTRUCTION NOTES**
- CONSTRUCT 0.50' AC OVER NATIVE, GRADE AND COMPACT NATIVE TO 95% RELATIVE COMPACTION.
  - CONSTRUCT 8" AC DIKE PER YUCCA VALLEY STD. NO. 202.
  - CONSTRUCT EDGE OF PAVEMENT PER CALTRANS 2015 STD. PLAN NO. RSP P75, CASE A.
  - SAWCUT EXISTING PAVEMENT.
  - GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL ON SHEET 2.
  - PROTECT IN PLACE.
  - REMOVE/RELOCATE EXISTING ROAD SIGN PER SIGNING & STRIPING PLAN.
  - REMOVE EXISTING AC PAVEMENT AND MATERIAL DOWN 0.50'.
  - REMOVE EXISTING AC BERM.
  - REMOVE EXISTING AC DIKE.

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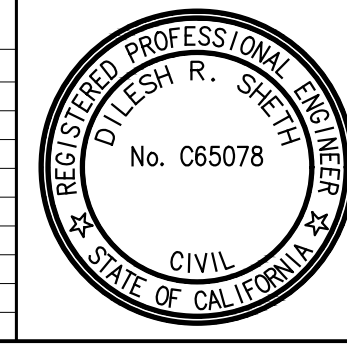


**LEGEND**

- NEW A.C. PAVEMENT
- REMOVE EX. A.C. PAVEMENT

**BENCHMARK:**  
 PID: EV3507, ELEV.=3172.51' (NAVD88)  
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MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'VD



PLANS PREPARED BY: **ALBERT A. WEBB ASSOCIATES**  
 ENGINEERING CONSULTANTS  
 3788 MCCRAY STREET  
 RIVERSIDE CA. 92506  
 PH. (951) 686-1070  
 FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_ DESIGNED BY: JLC CHECKED BY: LM

ENGINEER: \_\_\_\_\_ R.C.E. NO. C65078 DATE: \_\_\_\_\_



APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
 R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOEL OWLSLEY, TOWN ENGINEER  
 R.C.E. 39827 EXP. DATE 12/31/21

**TOWN OF YUCCA VALLEY**

**STREET IMPROVEMENT PLANS**  
 YUCCA TRAIL & WARREN VISTA AVENUE  
 YUCCA TRAIL 60+00.00 TO 70+88.32

SHEET 8 OF 9 SHEETS  
 DRAWING NO. \_\_\_\_\_

3310 LT

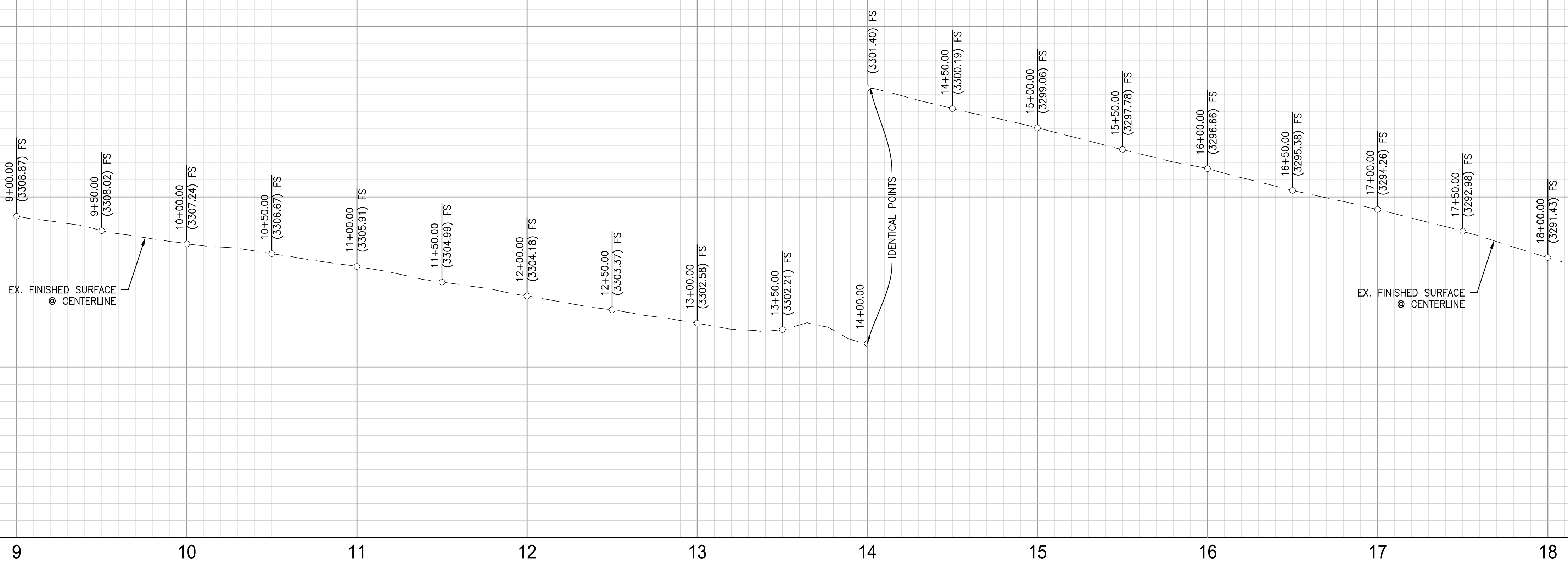
3310 CL

3310 RT

3295 LT

3295 CL

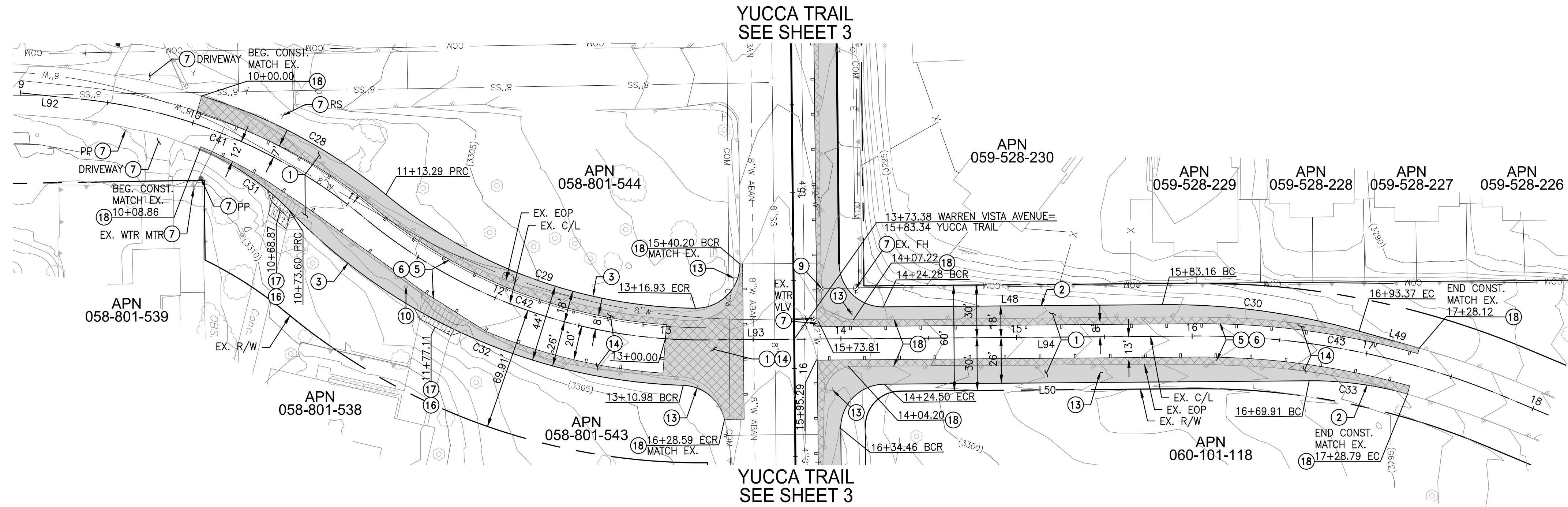
3295 RT



PROFILE SCALES  
 HORIZ. 1"=40'  
 VERT. 1"=4'

LINE #	LENGTH	DIRECTION
L48	158.88	N00° 27' 37"W
L49	35.61	N15° 47' 20"E
L50	241.96	N00° 27' 37"W
L92	34.89	N05° 47' 28"E
L93	50.32	N00° 27' 37"W
L94	228.03	N00° 27' 37"W

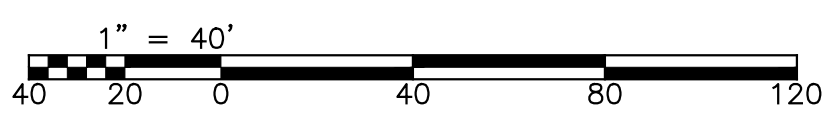
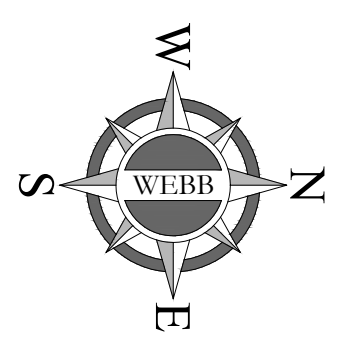
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C28	119.74	300.00	22°52'09"	60.68
C29	191.43	282.09	38°52'52"	99.56
C30	113.44	400.00	16°14'57"	57.10
C31	61.94	150.00	23°39'38"	31.42
C32	251.74	326.09	44°13'54"	132.52
C33	56.72	200.00	16°14'57"	28.55
C41	177.66	299.91	33°56'28"	91.52
C42	210.51	300.09	40°11'33"	109.80
C43	127.37	450.00	16°13'03"	64.11



- CONSTRUCTION NOTES**
- CONSTRUCT 0.50' AC OVER NATIVE, GRADE AND COMPACT NATIVE TO 95% RELATIVE COMPACTION.
  - CONSTRUCT 8" AC DIKE PER YUCCA VALLEY STD. NO. 202.
  - CONSTRUCT 4" AC DIKE PER CALTRANS 2018 STD. PLAN A87B, TYPE E.
  - SAWCUT EXISTING PAVEMENT.
  - GRIND AND OVERLAY EXISTING PAVEMENT PER DETAIL ON SHEET 2.
  - PROTECT IN PLACE.
  - ADJUST EXISTING WATER VALVE TO GRADE PER HDWD STD. NO. C-11
  - RELOCATE EXISTING MAIL BOX PER YUCCA VALLEY STD. NO. 500.
  - REMOVE/RELOCATE EXISTING ROAD SIGN PER SIGNING & STRIPING PLAN.
  - REMOVE EXISTING AC PAVEMENT AND MATERIAL DOWN 0.50'.
  - REMOVE EXISTING CONCRETE DRIVEWAY
  - RE-CONSTRUCT CONCRETE DRIVEWAY PER YUCCA VALLEY STD. NO. 210.
  - REMOVE EXISTING AC DIKE.

# WARREN VISTA AVENUE

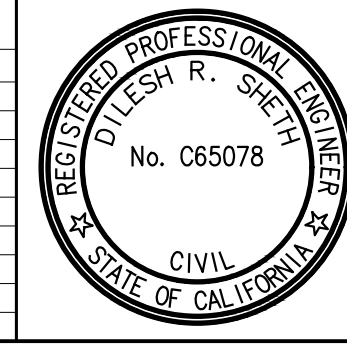
- LEGEND**
- NEW A.C. PAVEMENT
  - NEW CONCRETE
  - REMOVE EX. A.C. PAVEMENT
  - REMOVE EX. CONC. PAVEMENT



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PLANS PREPARED BY: **ALBERT A. WEBB ASSOCIATES**  
 ENGINEERING CONSULTANTS  
 3788 MCCRAY STREET  
 RIVERSIDE CA. 92506  
 PH. (951) 686-1070  
 FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: **JLC** DESIGNED BY: **JLC** CHECKED BY: **LM**

ENGINEER: **R.C.E. NO. C65078** DATE: \_\_\_\_\_



APPROVED BY: **ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR** DATE: \_\_\_\_\_  
 R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: **NOEL OWSLEY, TOWN ENGINEER** DATE: \_\_\_\_\_  
 R.C.E. 39827 EXP. DATE 12/31/21

**TOWN OF YUCCA VALLEY**  
**STREET IMPROVEMENT PLANS**  
 YUCCA TRAIL & WARREN VISTA AVENUE  
 WARREN VISTA AVENUE 10+00.00 TO 17+97.54

SHEET  
**9**  
 OF 9 SHEETS  
 DRAWING NO.

**GENERAL SIGNING AND STRIPING NOTES**

- ALL MATERIAL AND WORK SHALL CONFORM TO THE LATEST EDITION OF TOWN OF YUCCA VALLEY STANDARD PLANS AND SPECIFICATIONS, CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS, AND CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STRIPING WITHIN THE PROJECT LIMITS TO ENSURE COMPATIBILITY WITH THE SIGNING AND STRIPING PLANS.
- STRIPING LAYOUT SHALL BE APPROVED BY THE ENGINEER PRIOR TO APPLICATION OF PERMANENT PAINT. PLEASE CONTACT THE TOWN ENGINEERING DEPARTMENT 48 HOURS PRIOR TO LAYOUT.
- PAVEMENT LEGENDS SHALL BE PER THE LATEST EDITION OF CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS.
- RAISED PAVEMENT MARKERS SHALL BE INSTALLED IMMEDIATELY FOLLOWING THE SECOND COAT STRIPING INSTALLATION AND SHALL UTILIZE BITUMINOUS ADHESIVE. RAPID SET EPOXY ADHESIVE FOR PAVEMENT MARKERS IS PERMITTED WITH PRIOR APPROVAL FROM THE ENGINEER.
- TRAFFIC STRIPES AND MARKINGS SHALL BE APPLIED IN TWO COATS, WITH REFLECTORIZED MATERIAL IN BOTH COATS, AND SHALL CONFORM TO SECTION 84-3, PAINTED TRAFFIC STRIPES AND PAVEMENT MARKINGS, AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. THERE SHALL BE A MINIMUM OF 7 DAYS, BETWEEN THE APPLICATION OF THE FIRST AND SECOND COATS.
- ALL CROSSWALKS SHALL HAVE A MINIMUM OF 10 FEET IN BETWEEN THE 12-INCH WHITE OR YELLOW STRIPES.
- ALL DOUBLE YELLOW STRIPES SHALL HAVE 3-INCH PAINTED BLACK LINE SEPARATING THE YELLOW STRIPES.
- THERMOPLASTIC TAPE SHALL NOT BE USED.
- WHERE THERE IS NO CURB/BERM OR WHEN THE CURB ALIGNMENT DOES NOT PROVIDE FOR A RELIABLE MEASUREMENT, THE STRIPING CONTRACTOR SHALL USE THE CENTERLINE CONTROL POINTS (ON 50 FOOT CENTER) PLACED DIRECTLY ON THE PAVEMENT BY A LICENSED SURVEYOR.
- ALL TRAFFIC STRIPING AND PAVEMENT LEGENDS AND RAISED PAVEMENT MARKERS THAT CONFLICT OR CONFUSE TRAFFIC AS A RESULT OF THE NEWLY INSTALLED WORK SHOWN ON THIS PLAN SHALL BE REMOVED BY GRINDING. NO ASPHALT PAINT SHALL BE UTILIZED ADJACENT TO LANE LINES FOR BLACK OUT/REMOVAL. SLURRY SEAL SHALL BE UTILIZED FOR BLACKOUT ADJACENT TO LANE LINES. SANDBLASTING MAY BE UTILIZED WITH PRIOR AUTHORIZATION BY THE ENGINEER. ALL REMOVALS TO BE PERFORMED TO THE SATISFACTION OF THE TOWN ENGINEER.
- DEBRIS FROM REMOVAL OPERATIONS SHALL BE CONTAINED WITHIN THE WORK AREA AND THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT PERSONS AND PROPERTY ADJACENT TO THE GRINDING OR SANDBLASTING OPERATIONS. THE DEBRIS RESULTING FROM THE GRINDING OR SANDBLASTING SHALL BE IMMEDIATELY REMOVED AND DISPOSED OF BY THE CONTRACTOR. DEBRIS WITHIN THE ROADWAY SHALL BE REMOVED BY MECHANICAL SWEEPING OR HIGH POWER VACUUM.
- SCARRED PAVEMENT SURFACE RESULTING FROM REMOVAL OPERATIONS SHALL BE SEALED WITH ASPHALT PAINT CONFORMING TO SECTION 203-8 OF THE STANDARD SPECIFICATIONS. SCARRED AREAS RESULTING FROM WORK OR GRAPHIC LEGEND REMOVAL SHALL BE FULLY COVERED WITH AN ASPHALTIC PAINTED SQUARE OR RECTANGULAR SHAPE THAT COMPLETELY OBLITERATES THE OLD LEGEND FORM. PLEASE CONTACT CITY INSPECTION STAFF PRIOR TO APPLICATION OF ASPHALT SEALANT.
- ALL SIGNS SHALL CONFORM TO SECTION 56-2, ROADSIDE SIGNS, AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. SIGNS SHALL BE REFLECTORIZED SHEET ALUMINUM USING HIGH INTENSITY GRADE SHEETING THAT MEETS THE REQUIREMENTS OF THE CA-MUTCD, LATEST EDITION. ALL SIGNS SHALL BE MOUNTED WITH THEFT/VANDAL-PROOF FASTENERS.
- STEEL SIGN POSTS INSTALLED IN CONCRETE AREAS SHALL BE INSTALLED IN TELSAPR STEEL SLEEVES OR EQUAL TO FACILITATE REPLACEMENT. WOOD POSTS ARE NOT TO BE USED FOR PERMANENT SIGNAGE INSTALLATIONS. BREAKAWAY POSTS SHALL BE USED FOR ANY SIGNS LOCATED IN THE TRAVELED WAY OR IN THE 20 FOOT CLEAR RECOVERY ZONE OF THE ROADWAY SHOULDER.
- THE CONTRACTOR SHALL REMOVE SIGNS IN ACCORDANCE WITH THE PLANS AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL DELIVER REMOVED SIGNS TO THE TOWN YARD OR AS DIRECTED BY THE ENGINEER.
- EXISTING PRIVATELY OWNED IMPROVEMENTS ON THE PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED OR REPLACED, AS DIRECTED BY THE ENGINEER.

**NOTICE TO CONTRACTOR**

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; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FROM LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THESE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED IN FIELD BY THE CONTRACTOR, SO THAT ANY NECESSARY ADJUSTMENT CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY UTILITY LINES SHOWN AND ANY OTHER LINES NOT SHOWN ON THESE PLANS.

MAJOR ITEMS TO BE REMOVED HAVE BEEN NOTED ON THESE PLANS, HOWEVER THE CONTRACTOR IS TO WALK THE SITE FOR VERIFICATION OF ADDITIONAL SURFACE FEATURES REQUIRING REMOVAL. THE CONTRACTOR IS RESPONSIBLE TO REMOVE ALL OBJECTS AND MATERIALS (AC, CONCRETE, TREES, BUSHES, FENCING, ETC.) THAT ARE IN CONFLICT WITH THE NEW PROPOSED IMPROVEMENTS WHETHER CALLED-OUT OR NOT ON THE PLANS AND DISPOSE OF LEGALLY. CONTRACTOR IS TO BACKFILL ACCORDINGLY AND LEAVE SITE IN A RELATIVELY LEVEL CONDITION.

**Underground Service Alert**

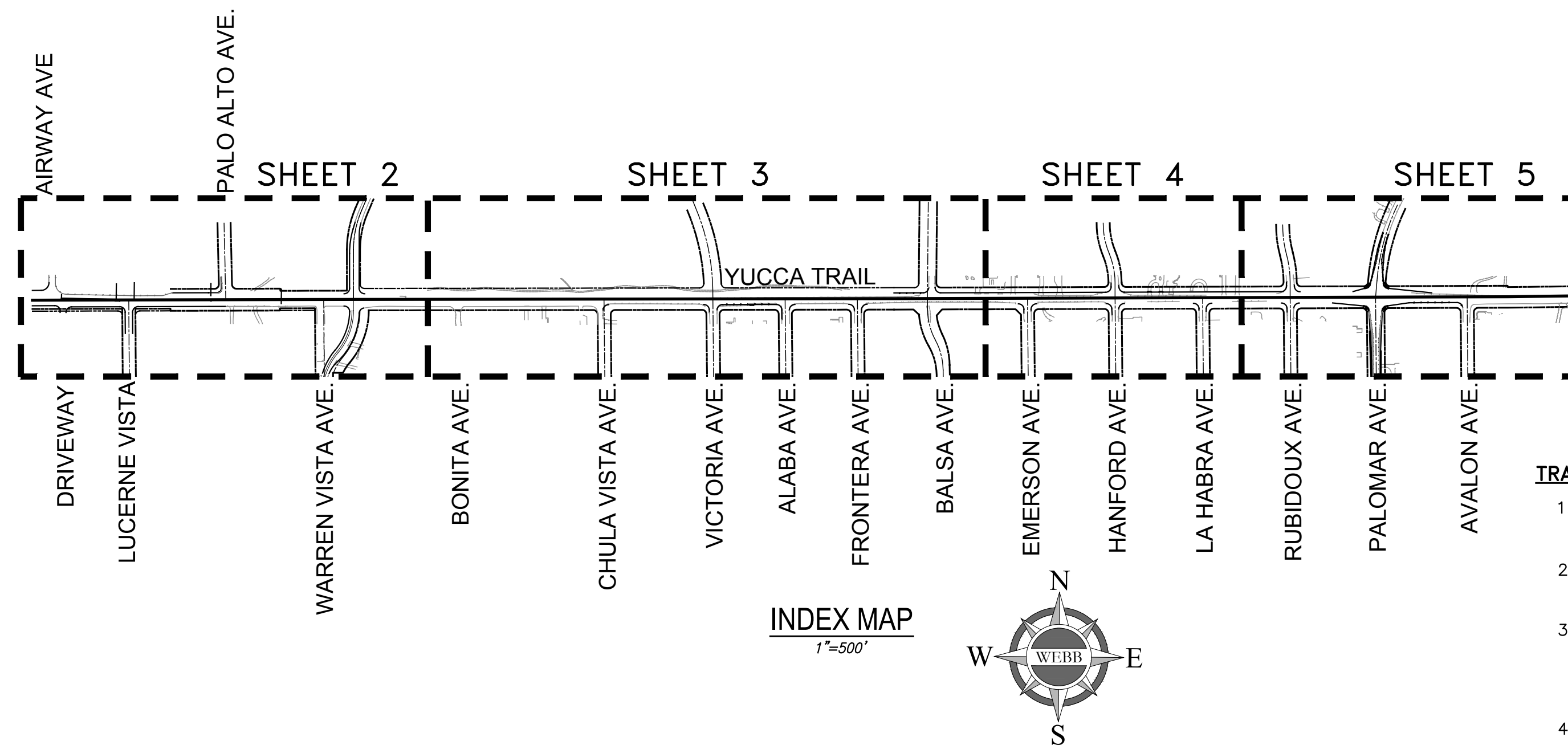
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WWW.call811.com  
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**BASIS OF BEARING**

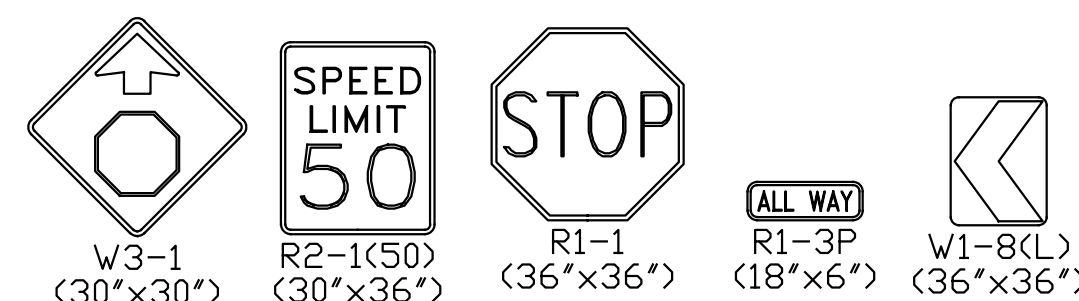
THE BASIS OF BEARING FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, CCS83 ZONE 6, BASED LOCALLY ON CONTROL STATIONS "P598", "P600", AND "RDMT" NAD 83(NRS2011) AS SHOWN HEREON. ALL BEARINGS SHOWN ON THIS MAP ARE GRID. QUOTED BEARINGS AND DISTANCES FROM REFERENCE MAPS OR DEEDS ARE AS 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 0.9998285481. N: 1871077.486, E: 7053191.175, USING AN ELEVATION OF 3313.59 (FEET).

# SIGNING AND STRIPING & TRAFFIC SIGNAL PLANS

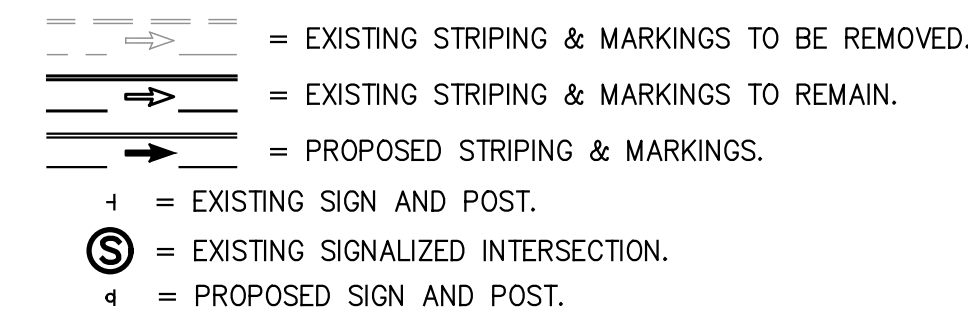
## YUCCA TRAIL BETWEEN AIRWAY AVENUE & AVALON AVENUE



**SIGN LEGEND**



**LEGEND**

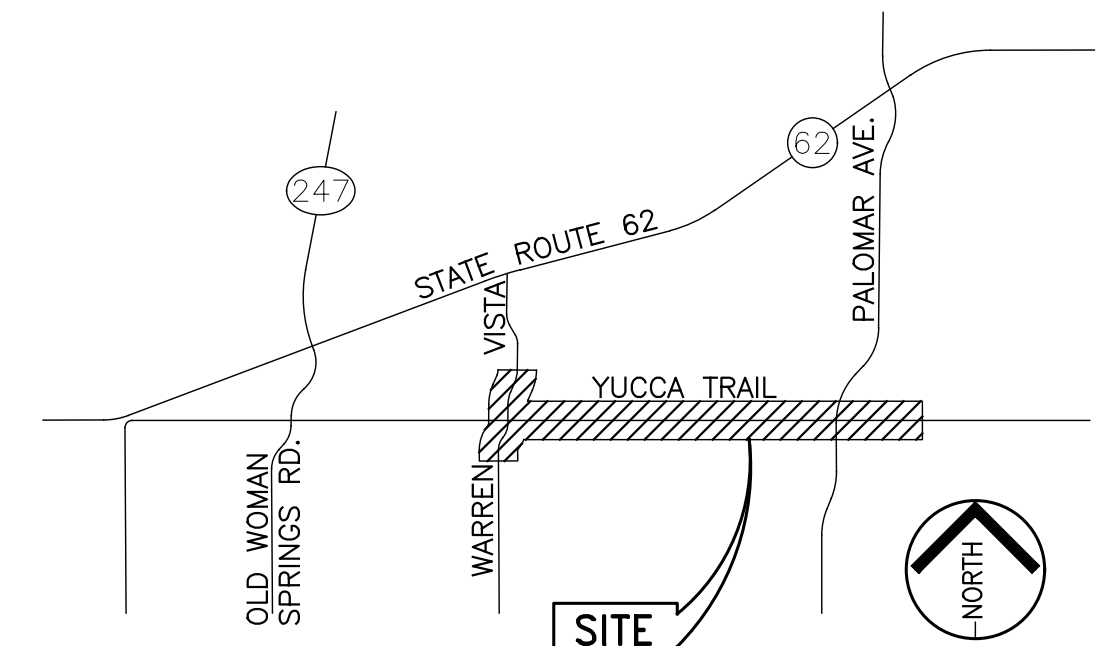


**UTILITIES**

WATER	HI-DESERT WATER DISTRICT	(760) 365-8333
SEWER	HI-DESERT WATER DISTRICT	(760) 365-8333
ELECTRIC	SOUTHERN CALIFORNIA EDISON	(760) 369-5400
GAS	THE GAS COMPANY	(909) 335-7507
TELEPHONE	FRONTIER COMMUNICATIONS	(855) 284-2105
CABLE TV	SPECTRUM COMMUNICATIONS	(866) 874-2389

**SHEET INDEX**

SHEET 1	TITLE SHEET
SHEET 2-5	SIGNING AND STRIPING PLANS



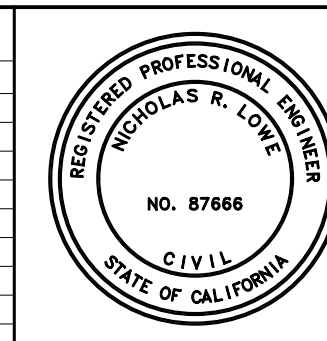
**VICINITY MAP**  
N.T.S.  
LYING WITHIN THE SOUTH OF SECTION 31, T. 1N, R. 6E, AND NORTH OF SECTION 6, T. 1S, R. 6E, S.B.S. & M., IN THE TOWN OF YUCCA VALLEY, COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA.

**TRAFFIC SIGNAL GENERAL NOTES**

- ALL MATERIAL AND WORK SHALL CONFORM TO THE LATEST EDITION OF TOWN OF YUCCA VALLEY STANDARD PLANS, CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS, AND CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT, (800) 227-2600, 811 AND ALL CONCERNED UTILITY COMPANIES AT LEAST TWO WORKING DAYS IN ADVANCE OF EXCAVATION.
- LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ALL DAMAGES OCCURRED DUE TO FAILURE TO LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES. HAND DIG AS NEEDED OR AS DIRECTED BY THE ENGINEER UNTIL CLEAR OF OBSTRUCTIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CLEAN UP ON TOWN RIGHT-OF-WAY AFFECTED BY CONTRACTOR'S WORK. THE CONTRACTOR SHALL KEEP TOWN RIGHT-OF-WAY CLEAN OF DEBRIS, WITH DUST AND OTHER NUISANCES BEING CONTROLLED AT ALL TIMES. METHOD OF STREET CLEANING SHALL BE DRY SWEEPING OF ALL PAVED AREAS. THERE SHALL BE NO STOCKPILING OF CONSTRUCTION MATERIALS WITHIN THE TOWN RIGHT-OF-WAY WITHOUT THE PERMISSION OF THE ENGINEER.
- EXISTING PRIVATELY OWNED IMPROVEMENTS ON PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED OR REPLACED.
- SEE CALTRANS STANDARD PLAN ES-1A, ES-1B, AND ES-1C FOR SYMBOLS AND ABBREVIATION LEGENDS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC SIGNAL EQUIPMENTS, SIGNS, AND STRIPING IN ACCORDANCE WITH THE PLANS AND SPECIAL PROVISIONS. ALL SIGNS SHALL BE REFLECTORIZED AND STANDARD SIZE UNLESS OTHERWISE NOTED.
- CONTROLLER CABINET AND SERVICE CABINET SHALL BE PLACED AT A MINIMUM OF 15 FEET APART.
- ALL PULL BOXES SIZE SHALL BE NO. 6 UNLESS OTHERWISE NOTED OR APPROVED BY THE ENGINEER. PULL BOXES IN UNIMPROVED AREAS NOT PROTECTED BY CURB AND GUTTER SHALL BE TRAFFIC BEARING TYPE. MAXIMUM SPACING BETWEEN TRAFFIC SIGNAL PULL BOXES SHALL BE 200 FEET.
- ALL CONDUITS SHALL BE TYPE 3 SCHEDULE 80 POLYVINYL CHLORIDE (PVC) RIGID NON-METALLIC CONDUIT, 3" MINIMUM DIAMETER, UNLESS OTHERWISE NOTED. ALL CONDUITS PLACED UNDER PAVING SHALL BE INSTALLED WITHOUT OPEN CUTTING.
- DETECTOR LOOPS SHALL BE PLACED PER CALTRANS STANDARD AND CENTERED WITHIN THE DRIVING LANE UNLESS OTHERWISE NOTED. STRIPING LAYOUT (CAT-TRACKING) SHALL BE APPROVED BY THE TOWN PRIOR TO DETECTOR LOOP INSTALLATION.
- ALL LOOP DETECTOR CONFIGURATIONS SHALL BE TYPE "E" PER STANDARD PLAN ES-5B. ALL CURB TERMINATIONS SHALL BE TYPE "A" PER STANDARD PLAN ES-5D. DETECTOR LOOP WIRES SHALL BE TESTED AND APPROVED PRIOR TO FILLING SAWCUTS.
- ALL CABLES AND CONDUCTORS SHALL BE CONTINUOUS WITH A MINIMUM OF 6 FEET OF SLACK INSIDE EACH PULL BOX UNLESS OTHERWISE NOTED. 20 FEET OF SIGNAL INTERCONNECT CABLE SLACK SHALL BE PROVIDED INSIDE THE CONTROLLER CABINET.
- TRAFFIC SIGNAL INTERCONNECT CABLE (SIC) SHALL BE 6-PAIR, AWG #20 CABLE UNLESS OTHERWISE NOTED.
- TRAFFIC SIGNAL INTERCONNECT/FIBER OPTIC CONDUIT SHALL BE TYPE 3 SCHEDULE 80, 4" DIAMETER PVC WITH MINIMUM FACTORY CONDUIT BEND RADIUS.
- TRAFFIC SIGNAL INTERCONNECT/FIBER OPTIC PULL BOXES SHALL BE #6E (EXTENSION). MAXIMUM SPACING BETWEEN INTERCONNECT/FIBER OPTIC PULL BOXES SHALL BE 500 FEET.
- ALL COMBINATION PEDESTRIAN AND VEHICLE SIGNAL INDICATIONS INCLUDING PV HEADS SHALL UTILIZE LIGHT EMITTING DIODE (LED) SIGNAL MODULES. ALL VEHICLE SIGNAL SECTION AND INDICATIONS SHALL BE 12 INCH PER SPECIFICATIONS.
- ALL PEDESTRIAN HEADS SHALL BE LED COUNTDOWN TYPE PER SPECIFICATIONS.
- ALL PEDESTRIAN PUSH BUTTONS SHALL BE TYPE B PER CALTRANS STANDARD PLAN ES-5C.
- ALL INTERNAL ILLUMINATED STREET NAME SIGNS SHALL BE EDGE LIT LED TYPE PER SPECIFICATIONS.
- ALL SIGNAL HOUSINGS, VISORS, AND BACKPLATES SHALL BE METAL. VEHICLE SIGNAL HOUSING SHALL BE PROVIDED WITH LOUVERED BACKPLATE. A TUNNEL VISOR SHALL BE PROVIDED FOR EACH SIGNAL FACE.
- ALL UNUSED TENONS SHALL BE CAPPED IN A WATERPROOF METHOD AS DIRECTED BY THE ENGINEER.
- ALL EQUIPMENT LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO FINAL PLACEMENT.
- ALL SALVAGED POLES AND MAST ARMS SHALL BE DELIVERED TO THE CITY AS DIRECTED BY THE TOWN ENGINEER.

**BENCHMARK:**  
PID: EV3507, ELEV.=3172.51' (NAVD88)  
DESCRIBED BY NATIONAL GEODETIC SURVEY 1978 4.2 MI EAST FROM YUCCA VALLEY. - 4.2 MILES EAST ALONG STATE HIGHWAY 62 FROM THE POST OFFICE AT YUCCA VALLEY, AT THE INTERSECTION OF HIGHWAY 62 AND INDO AVENUE, 106.5 FT. NORTH OF THE CENTER LINE OF THE WESTBOUND LANES OF HIGHWAY 62, 61 FT. WEST OF THE CENTER LINE OF INDO AVENUE, 35.5 FT. SOUTH OF THE SOUTHEAST CORNER OF DINO'S ITALIAN INN, IN TOP OF NORTH CURB OF TWENTY-NINE PALMS OUTER HIGHWAY.

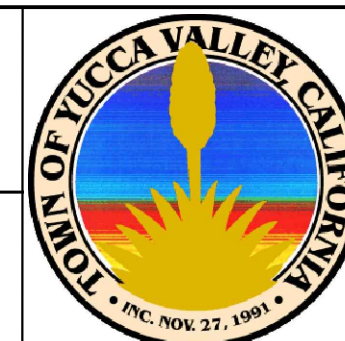
REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'VD



PLANS PREPARED BY: **ALBERT A. WEBB ASSOCIATES**  
ENGINEERING CONSULTANTS  
3788 McCRAY STREET  
RIVERSIDE, CA. 92506  
PH. (951) 686-1070  
FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_ DESIGNED BY: **ITM** CHECKED BY: **NL**

ENGINEER \_\_\_\_\_ R.C.E. NO. C87666 \_\_\_\_\_ DATE \_\_\_\_\_



APPROVED BY: \_\_\_\_\_ DATE \_\_\_\_\_  
ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: \_\_\_\_\_ DATE \_\_\_\_\_  
NOEL OWSLEY, TOWN ENGINEER  
R.C.E. 39827 EXP. DATE 12/31/21

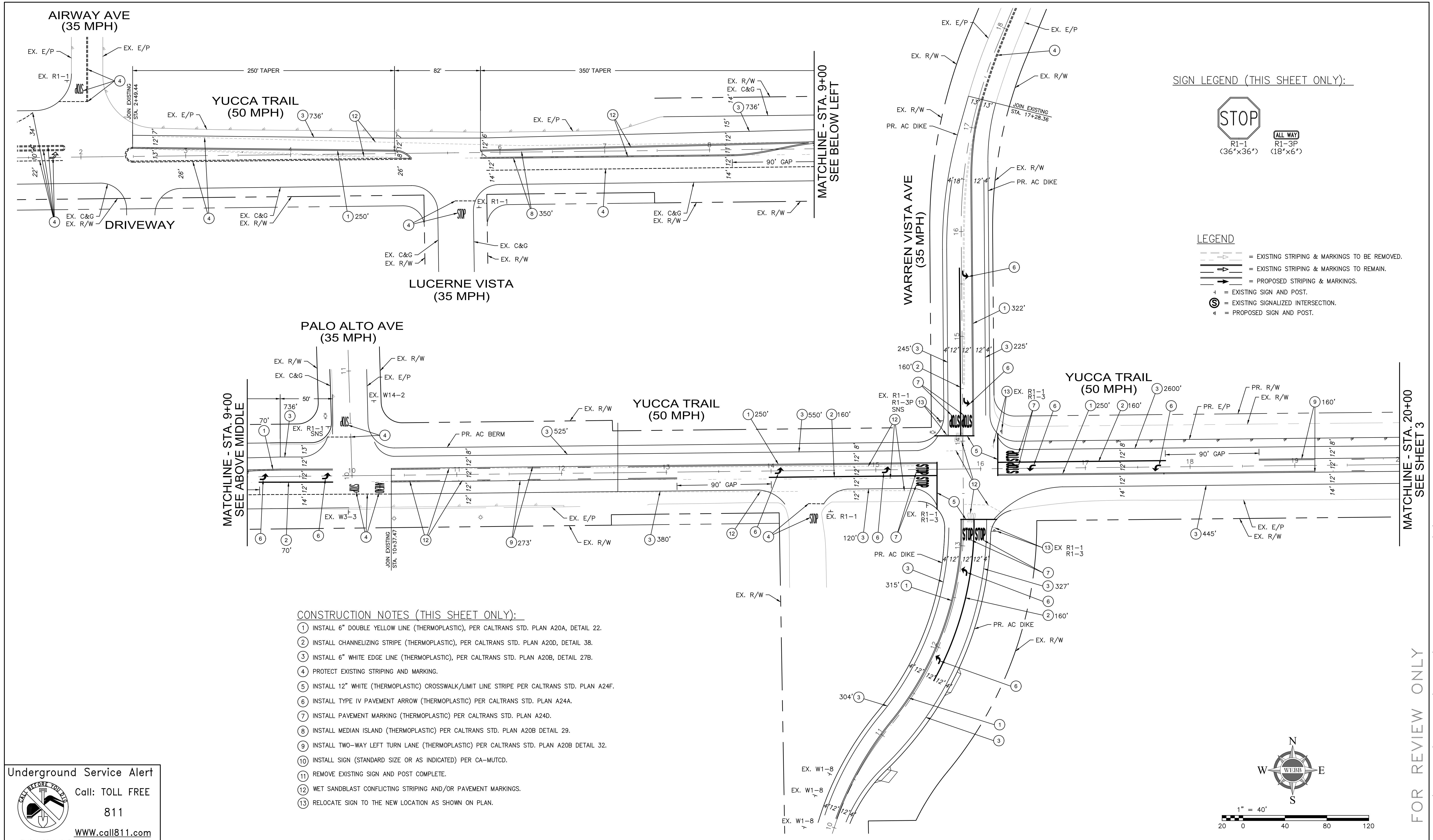
**TOWN OF YUCCA VALLEY**  
**SIGNING AND STRIPING**  
YUCCA TRAIL BETWEEN AIRWAY AVENUE AND AVALON AVENUE  
TITLE SHEET

SHEET  
**1**  
OF **5** SHEETS  
DRAWING NO.

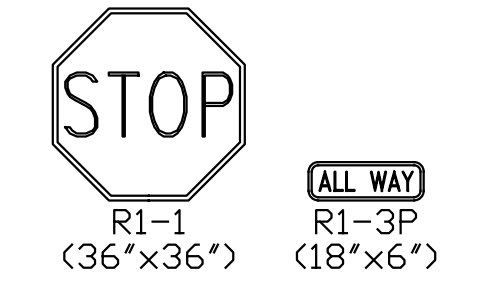
FOR REVIEW ONLY

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SIGN LEGEND (THIS SHEET ONLY):



LEGEND

- = EXISTING STRIPING & MARKINGS TO BE REMOVED.
- = EXISTING STRIPING & MARKINGS TO REMAIN.
- = PROPOSED STRIPING & MARKINGS.
- ④ = EXISTING SIGN AND POST.
- ⊙ = EXISTING SIGNALIZED INTERSECTION.
- ④ = PROPOSED SIGN AND POST.

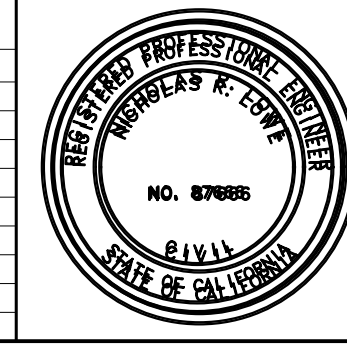
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- 3 INSTALL 6" WHITE EDGE LINE (THERMOPLASTIC), PER CALTRANS STD. PLAN A20B, DETAIL 27B.
- 4 PROTECT EXISTING STRIPING AND MARKING.
- 5 INSTALL 12" WHITE (THERMOPLASTIC) CROSSWALK/LIMIT LINE STRIPE PER CALTRANS STD. PLAN A24F.
- 6 INSTALL TYPE IV PAVEMENT ARROW (THERMOPLASTIC) PER CALTRANS STD. PLAN A24A.
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- 8 INSTALL MEDIAN ISLAND (THERMOPLASTIC) PER CALTRANS STD. PLAN A20B DETAIL 29.
- 9 INSTALL TWO-WAY LEFT TURN LANE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20B DETAIL 32.
- 10 INSTALL SIGN (STANDARD SIZE OR AS INDICATED) PER CA-MUTCD.
- 11 REMOVE EXISTING SIGN AND POST COMPLETE.
- 12 WET SANDBLAST CONFLICTING STRIPING AND/OR PAVEMENT MARKINGS.
- 13 RELOCATE SIGN TO THE NEW LOCATION AS SHOWN ON PLAN.

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**BENCHMARK:**  
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REVISIONS					
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PLANS PREPARED BY: **ALBERT A. WEBB ASSOCIATES** ENGINEERING CONSULTANTS  
 3788 MCCRAY STREET RIVERSIDE CA. 92506  
 PH. (951) 686-1070 FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_ DESIGNED BY: ITM CHECKED BY: NL

ENGINEER: \_\_\_\_\_ R.C.E. NO. C87666 DATE: \_\_\_\_\_

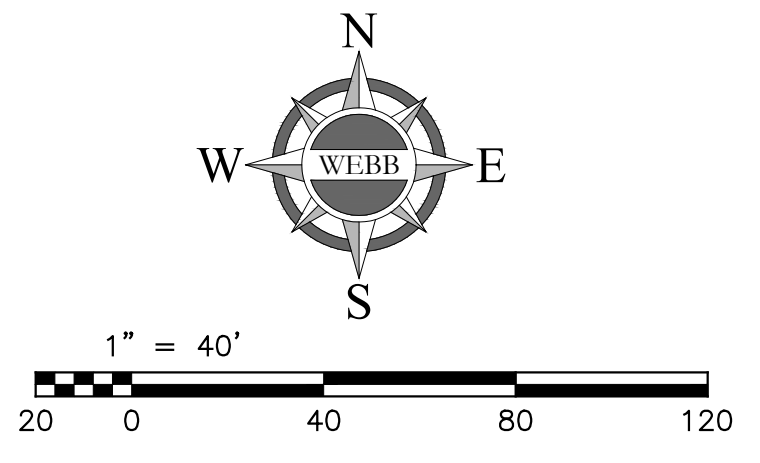


APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
 R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOEL OWLSLEY, TOWN ENGINEER  
 R.C.E. 39827 EXP. DATE 12/31/21

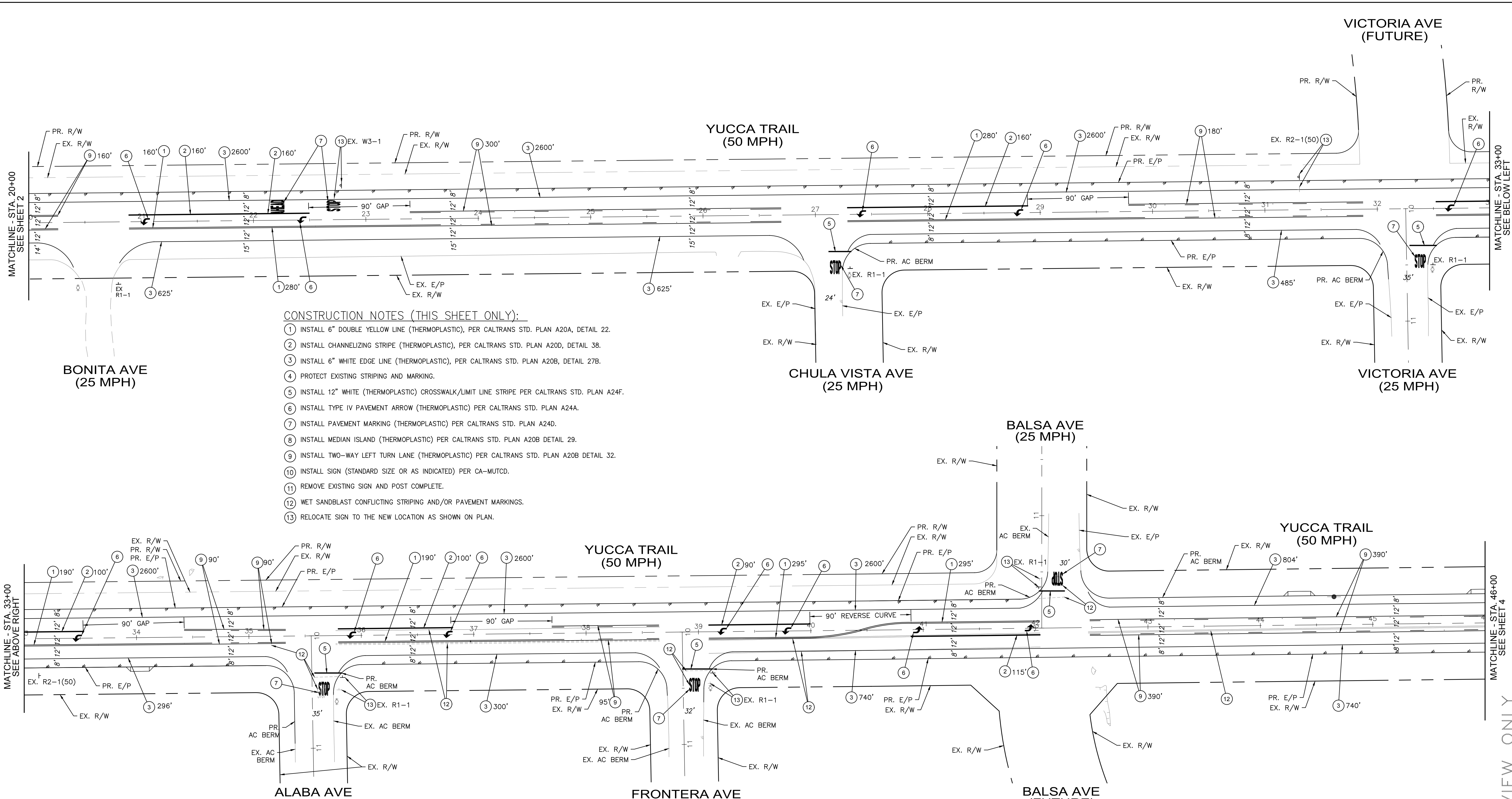
**TOWN OF YUCCA VALLEY**  
**SIGNING AND STRIPING**  
 YUCCA TRAIL BETWEEN AIRWAY AVENUE AND AVALON AVENUE

SHEET **2**  
 OF 5 SHEETS  
 DRAWING NO. \_\_\_\_\_



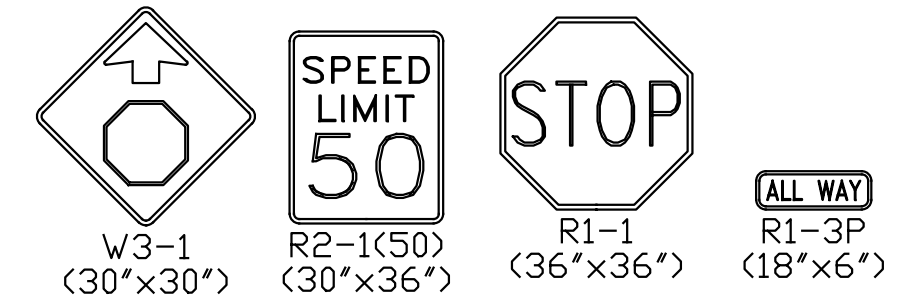
MATCHLINE - STA. 20+00 SEE SHEET 3

FOR REVIEW ONLY

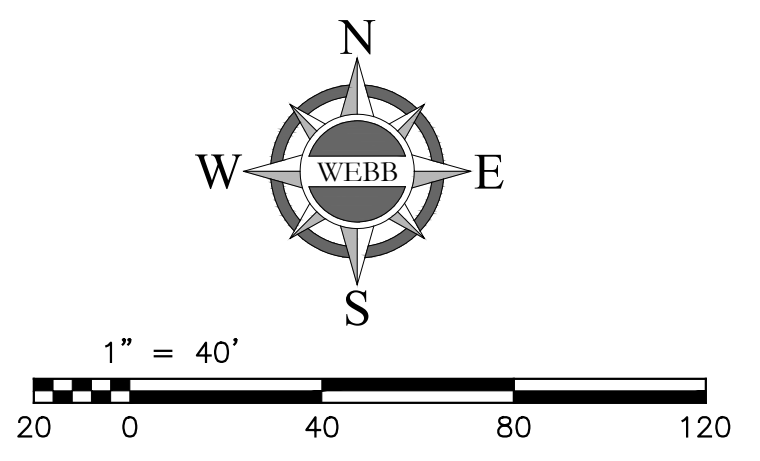


- CONSTRUCTION NOTES (THIS SHEET ONLY):**
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  - 11 REMOVE EXISTING SIGN AND POST COMPLETE.
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**SIGN LEGEND (THIS SHEET ONLY):**



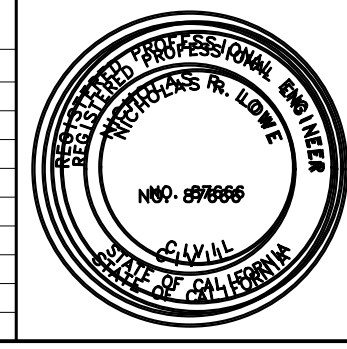
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PLANS PREPARED BY: **ALBERT A. WEBB ASSOCIATES** ENGINEERING CONSULTANTS  
 3788 McCRAY STREET RIVERSIDE CA. 92506  
 PH. (951) 686-1070 FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_ DESIGNED BY: ITM CHECKED BY: NL

ENGINEER: \_\_\_\_\_ R.C.E. NO. C87666 DATE: \_\_\_\_\_



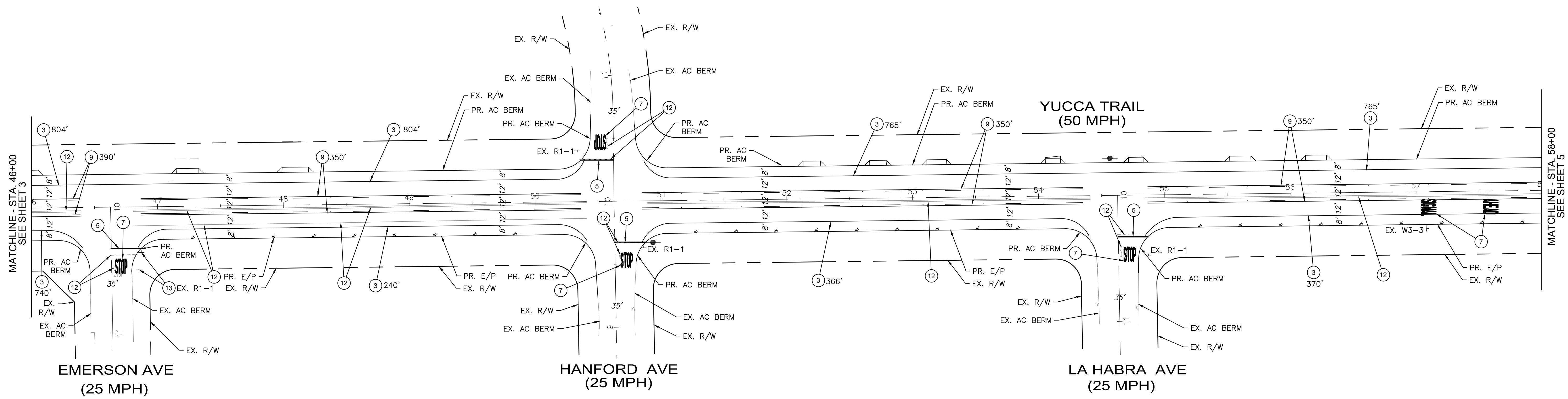
APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
 R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOEL OWLSLEY, TOWN ENGINEER  
 R.C.E. 39827 EXP. DATE 12/31/21

**TOWN OF YUCCA VALLEY**  
**SIGNING AND STRIPING**  
 YUCCA TRAIL BETWEEN AIRWAY AVENUE AND AVALON AVENUE

SHEET  
**3**  
 OF 5 SHEETS  
 DRAWING NO.

FOR REVIEW ONLY



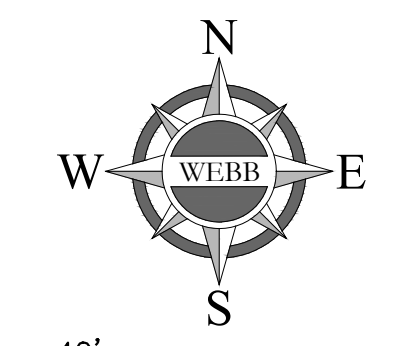
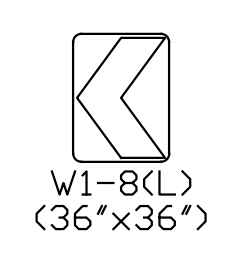
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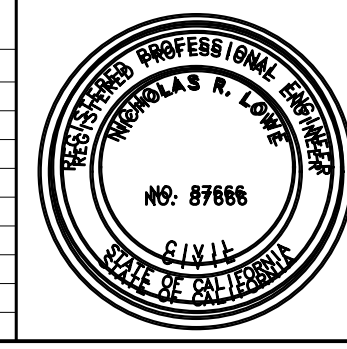
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 3788 McCRAV STREET RIVERSIDE CA. 92506  
 PH. (951) 686-1070 FAX (951) 788-1256

PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_ DESIGNED BY: ITM CHECKED BY: NL

ENGINEER: \_\_\_\_\_ R.C.E. NO. C87666 DATE: \_\_\_\_\_



APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ARMANDO GARCIA BALDIZZONE, PUBLIC WORKS DIRECTOR  
 R.C.E. 70102 EXP. DATE 09/30/20

RECOMMENDED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOEL OWSLEY, TOWN ENGINEER  
 R.C.E. 39827 EXP. DATE 12/31/21

**TOWN OF YUCCA VALLEY**

**SIGNING AND STRIPING**  
 YUCCA TRAIL BETWEEN  
 AIRWAY AVENUE AND AVALON AVENUE

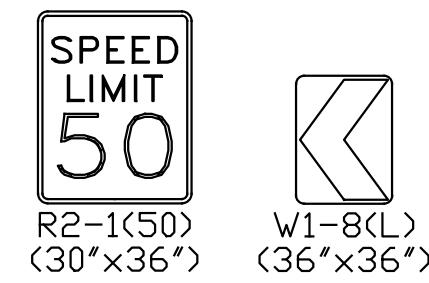
SHEET  
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 DRAWING NO.

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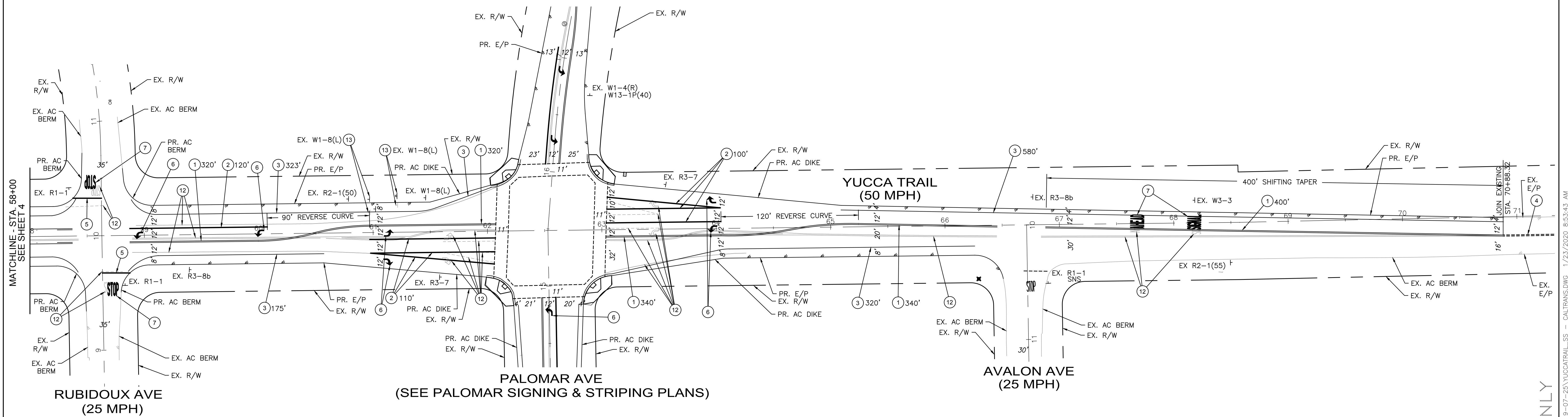
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**PALOMAR AVE  
(SEE PALOMAR SIGNING & STRIPING PLANS)**



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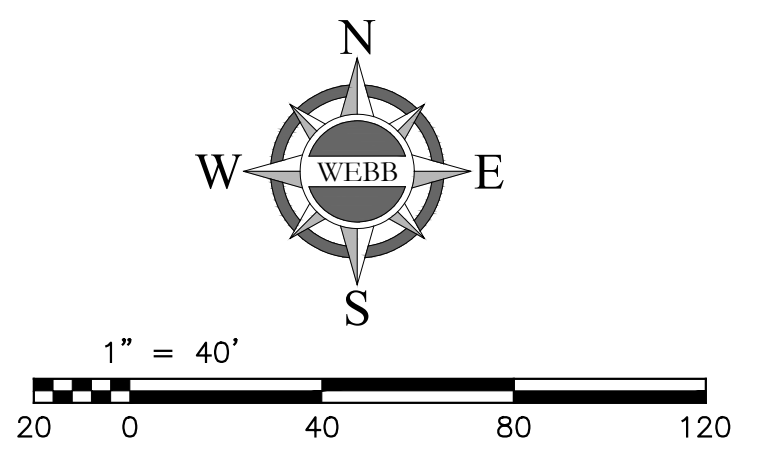


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SHEET **5**  
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