

TOWN OF YUCCA VALLEY CALIFORNIA PEDESTRIAN IMPROVEMENT PLANS FOR ONAGA TRAIL

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 COUNTY OF SAN BERNARDINO AS ADOPTED BY THE TOWN OF YUCCA VALLEY AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION) AND CALTRANS STANDARD PLANS & SPECIFICATIONS 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 HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE TOWN OF YUCCA VALLEY OR DESIGN ENGINEER.
- 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, SUNDAY OR 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 BIKE 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 FOOD 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 THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT.
- THE CONTRACTOR SHALL PROVIDE FOR THE TIE OUT 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 BENCH MARKS 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.

SIGNING AND STRIPING NOTES:

- CONFLICTING STRIPING AND MARKING SHALL BE REMOVED BY SANDBLASTING OR GRINDING.
- ALL STRIPING AND MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SPECIFICALLY SHOWN TO BE PAINTED
- STRIPING SHALL NOT BE PAINTED OR INSTALLED SOONER THAN 24 HOURS AFTER PAVING.
- NO STRIPING OR MARKINGS SHALL BE PAINTED OR INSTALLED UNTIL LAYOUT AND SPOTTING HAVE BEEN SPECIFICALLY APPROVED BY THE TOWN ENGINEER.
- ALL PAINTING SHALL BE APPLIED IN TWO COATS WITH GLASS BEADS IN BOTH COATS. FIRST COAT TO BE THOROUGHLY DRY BEFORE PAINTING SECOND COAT.
- SIGN POSTS SHALL BE 2" SQUARE STEEL BREAKAWAY POSTS WITH PERFORATED HOLES AND HEAVY DUTY ANCHORS SET IN 1 .C.F. CAST IN PLACE CONCRETE (MIN.).
- CONTRACTOR SHALL CONTACT THE TOWN ENGINEER FOR BLOCK NUMBERS PRIOR TO ORDERING STREET NAME SIGNS.

GRADING NOTES:

- ALL TRAVELED WAYS MUST BE KEPT CLEAN OF ALL DIRT, MUD AND DEBRIS DEPOSITED ON THEM AS A RESULT OF THE CONTRACTORS OPERATION. CLEANING IS TO BE DONE TO THE SATISFACTION OF THE TOWN ENGINEER.
- THE SITE SHALL BE WETTED DOWN AS NECESSARY DURING CONSTRUCTION TO MINIMIZE DUST GENERATION.
- THE EXISTING NATIVE MATERIAL WITHIN THE CONSTRUCTION AREA SHALL BE EXCAVATED AND/OR FILLED TO SUBBASE DESIGN ELEVATION IN ACCORDANCE WITH SECTION 300 - "EARTHWORK" OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION), SCARIFY AND COMPACT THE NATIVE MATERIAL 1 FOOT BELOW THE SUBBASE DESIGN GRADE TO 90 PERCENT OF MAXIMUM DENSITY AT 2 PERCENT OVER OPTIMUM WATER CONTENT PER ASTM D-1557. COMPACTION TESTING FOR SUBGRADE SHALL BE AS DESCRIBED IN THE PROJECT SOILS REPORT. 95% COMPACTION IS REQUIRED IN THE TOP 6" OF SUBBASE MATERIAL. SUBGRADE ELEVATIONS FOR STREET SHALL NOT PROJECT ABOVE DESIGN ELEVATIONS.

TRAFFIC NOTES:

- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY OF MANUAL ON UNIFORM TRAFFIC CONTROLS (MUTCD) AND AS OTHERWISE DIRECTED BY THE TOWN ENGINEER.
- A "TRAFFIC CONTROL PLAN" SHALL BE SUBMITTED TO AND APPROVED BY THE TOWN OF YUCCA VALLEY PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS TO PRIVATE PROPERTY ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION, UNLESS OTHERWISE APPROVED BY THE TOWN ENGINEER.
- ANY STREET CLOSURES REQUIRED DURING THE COURSE OF CONSTRUCTION WILL BE DONE SOLELY BY THE CONTRACTOR, AND ONLY UPON PRIOR APPROVAL OF THE TOWN OF YUCCA VALLEY. A MINIMUM NOTICE OF 48 HOURS SHALL BE PROVIDED TO THE PUBLIC AND AFFECTED AGENCIES (SCHOOL, POLICE, FIRE, ETC.)

INDEX OF SHEETS:

SHEET 1	-TITLE SHEET
SHEET 2	-DETAIL SHEET
SHEET 3-6	-STREET IMPROVEMENTS
SHEET 7-10	-DRIVEWAY CROSS SECTIONS
SHEET 11-12	-SIGNING AND STRIPING

NOTIFICATIONS:

CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES AT LEAST 48 HOURS IN ADVANCE OF STARTING CONSTRUCTION:

ELECTRICAL	SOUTHERN CALIFORNIA EDISON	(909) 233-9831
GAS	SOUTHERN CALIFORNIA GAS	(909) 335-7524
TELEPHONE	FRONTIER COMMUNICATIONS	(760) 929-9491
CABLE	SPECTRUM/TIME WARNER CABLE	(760) 674-5433
WATER	HI-DESERT WATER DISTRICT	(760) 365-8673
SEWER	HI-DESERT WATER DISTRICT	(760) 365-8673

PAVING NOTES:

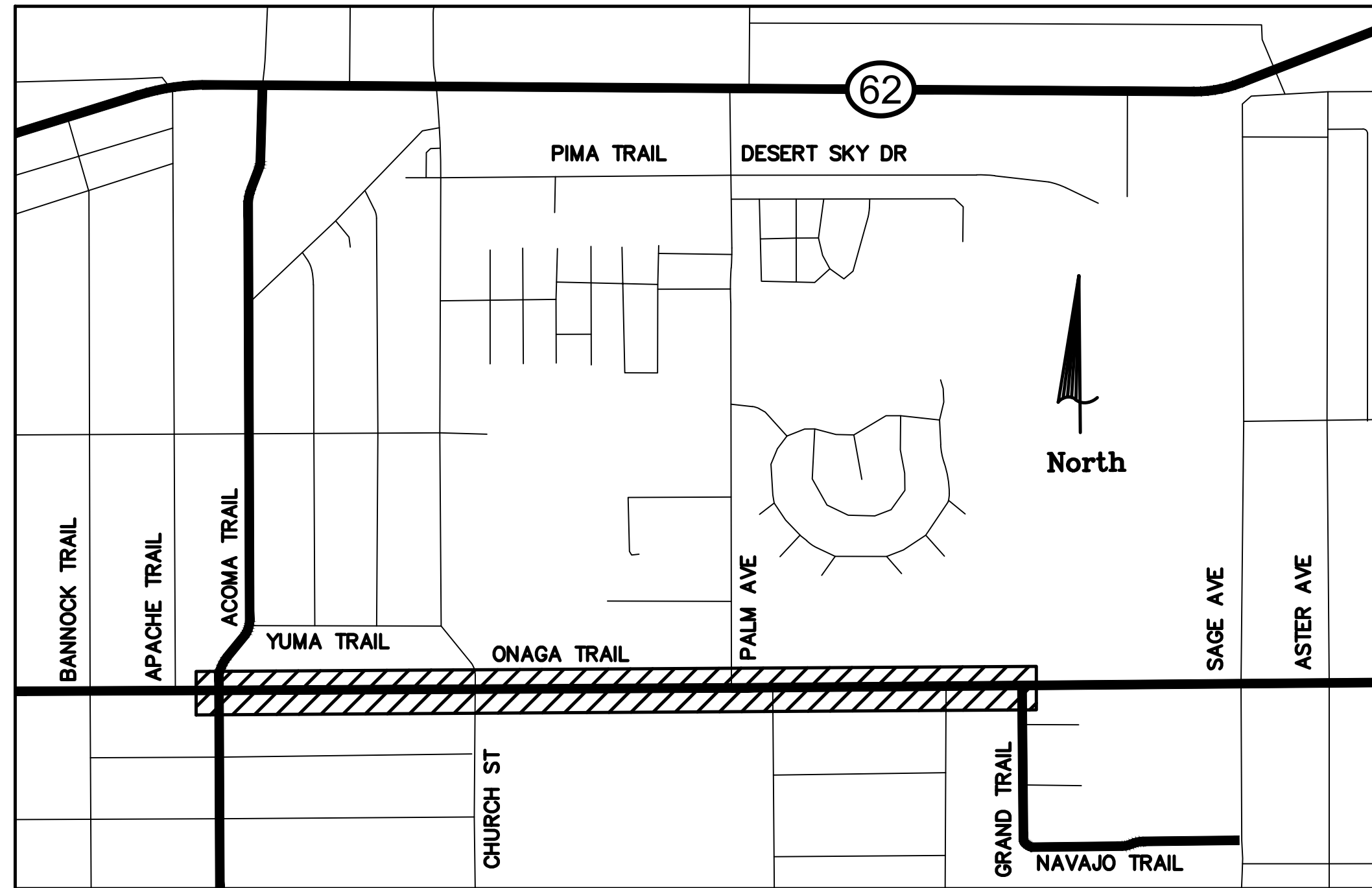
- ALL EXISTING IMPROVEMENTS INCLUDING CURB AND GUTTERS, SIDEWALKS, ASPHALT CONCRETE OR P.C.C. PAVING, WHICH ARE BEING JOINED OR MATCHED IN CONNECTION WITH THIS PROJECT, SHALL BE JOINED OR MATCHED IN A MANNER SATISFACTORY TO THE TOWN ENGINEER, INCLUDING NECESSARY SAW CUTTING, REMOVAL, REPLACEMENT AND 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 INCH LESS THAN THE DESIGN THICKNESS. A MINIMUM OF 3 CORES FOR EACH 1/2 MILE OF STREET (3 INCH MINIMUM DIAMETER) SHALL BE OBTAINED BY THE CONTRACTOR OR AS PROVIDED IN CONTRACT 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./S.Y. THE TACK COAT SHALL BE TYPE S51h ASPHALTIC EMULSION WITH A 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 INCH THICKNESS UNLESS OTHERWISE SPECIFIED.
- THE ASPHALT DESIGN MUST MEET THE CALTRANS STANDARD SPECIFICATIONS CURRENT EDITION SECTION 39, FOR TYPE B ASPHALT, 3/4" MAXIMUM MEDIUM AND 1/2" MAXIMUM MEDIUM. THE OIL SHALL BE PG 70-10.

CONSTRUCTION NOTES

NO.	DESCRIPTION	QTY.
①	REMOVE EXISTING: • AC PAVEMENT • AC DRIVEWAY • PCC DRIVEWAY • CURB RAMP • CURB AND GUTTER • PILASTER • FENCE	37,000 SF 2,500 SF 5,800 SF 5 EA 800 LF 2 EA 100 LF
②	REMOVAL LIMIT. SAWCUT CONCRETE, ASPHALT, AND OTHER HARDSCAPE SURFACE AND REMOVE TO THE LIMITS SHOWN ON THIS PLAN. ALL REMOVALS SHALL BE DISPOSED OF BY THE CONTRACTOR, UNDER CLEARING AND GRUBBING.	N/A
③	PROTECT IN PLACE.	N/A
④	ADJUST EXISTING UTILITY TO GRADE.	23 EA
⑤	RELOCATE EXISTING UTILITY, BY OTHERS.	N/A
⑥	REMOVE EXISTING AND CONSTRUCT 4" MIN AC PAVEMENT OVER 12" OF 95% COMPACTED NATIVE SUBGRADE PER TOWN OF YUCCA VALLEY STANDARD PLAN 240.	1,650 TON
⑦	CONSTRUCT 8" CURB AND GUTTER OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 200. VARY CURB TO MATCH CURB RAMP AND DRIVEWAYS.	6,100 LF
⑧	CONSTRUCT 4" THICK PCC SIDEWALK OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 220.	33,000 SF
⑨	CONSTRUCT CURB RAMP PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 221, OVER 12" MIN 95% COMPACTED NATIVE.	8 EA
⑩	CONSTRUCT CURB RAMP PER CALTRANS STANDARD PLAN A88A CASE C, OVER 12" MIN 95% COMPACTED NATIVE.	6 EA
⑪	REMOVE EXISTING TREE AND ROOTS.	15 EA 10 EA JOSHUA
⑫	CONSTRUCT 6" THICK PCC DEPRESSED DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.	5,000 SF
⑬	GRADE AT 2:1 MAXIMUM AS SHOWN ON PLANS	3250 CY (CUT) 570 CY (FILL)
⑭	CONSTRUCT 6" THICK PCC PAVEMENT DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE.	5,000 SF
⑮	RELOCATE EXISTING FIRE HYDRANT PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 310	7 EA
⑯	REMOVE EXISTING WALL.	100 LF
⑰	REMOVE EXISTING MAIL BOX AND POST.	34 EA
⑱	INSTALL NEW MAIL BOX AND POST.	34 EA
⑲	SALVAGE AND RELOCATE EXISTING MAIL BOX AND POST.	2 EA
⑳	CONSTRUCT 8" AC DIKE PER TOWN OF YUCCA VALLEY STANDARD PLAN 202.	125 LF
㉑	CONSTRUCT 6" THICK PCC DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.	8,500 SF
㉒	CONSTRUCT 6" THICK COMMERCIAL DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 213.	600 SF
㉓	CONSTRUCT 6" CHAIN LINK FENCE PER SPPWC STANDARD PLAN 600-3.	120 LF
㉔	CONSTRUCT 1" PCC RETAINING CURB PER DETAIL "C" ON SHEET 2.	150 LF
㉕	CONSTRUCT 3'-4" REINFORCED CONCRETE RETAINING WALL TYPE 7A PER SPPWC STANDARD PLAN 616-3.	300 LF
㉖	RESET EXISTING TELEPHONE POLE TO NEW GRADE (BY OTHERS).	7 EA
㉗	ADJUST EXISTING GATE AND POLES TO GRADE.	1 EA
㉘	INSTALL FLEXIBLE DELINEATORS (IE SAFE-HIT OR APPROVED EQUAL).	20 EA
㉙	CONSTRUCT LIGHT CLASS RIPRAP PER CALTRANS STD. SPECS 72	9 EA
㉚	GRIND AND OVERLAY EXISTING PAVEMENT WITH 0.17" AC MIN.	10,000 SF
㉛	REMOVE AND REPLACE PCC SPANDREL PER TOWN OF YUCCA VALLEY STANDARD PLAN 230.	2 EA
㉜	CONSTRUCT TYPE 2 INLET PER SPPWC STANDARD PLAN 151-2. S=2'	1 EA

INSPECTION/MATERIAL NOTES:

- A "NO FEE" ENCROACHMENT PERMIT SHALL BE OBTAINED FROM THE TOWN OF YUCCA VALLEY PRIOR TO ANY CONSTRUCTION ON THIS PROJECT.
- THE CONTRACTOR SHALL NOTIFY THE TOWN A MINIMUM OF 48 HOURS PRIOR TO STARTING WORK. THE CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS WITH THE TOWN OF YUCCA VALLEY A MINIMUM OF 48 HOURS ADVANCE NOTICE SHALL BE PROVIDED.
- THE CONTRACTOR, AT NO EXPENSE TO THE TOWN, SHALL PROVIDE ALL NECESSARY SAMPLES AND TESTS THAT THE TOWN ENGINEER MAY REQUIRE TO ASSURE THAT QUALITY OF MATERIAL AND WORKMANSHIP ARE IN ACCORDANCE WITH THE SPECIFICATIONS.
- MATERIALS CERTIFICATIONS AND MIX DESIGNS REQUIRED FOR CONCRETE OR ASPHALTIC CONCRETE WORK SHALL BE SUBMITTED TO THE TOWN OF YUCCA VALLEY FOR APPROVAL PRIOR TO USE ON THE PROJECT.
- ALL CONCRETE MIXES SHALL UTILIZE A MINIMUM OF 5 1/2 SACKS OF TYPE II PORTLAND CEMENT PER CUBIC YARD OF CONCRETE. CONCRETE SHALL BE CLASS S20-C-4000 PSI WITH FIBER.
- ALL 0.40% OR LESS CURB GRADE LINES SHALL BE STAKED AT 25' INTERVALS; FORMS SHALL BE INSPECTED BEFORE POURING CONCRETE.
- THE FLOWLINE OF ALL CURB & GUTTER AND RIBBON GUTTER SHALL BE WATER TESTED FOR PONDING IN THE PRESENCE OF THE INSPECTOR BEFORE ACCEPTANCE OF THE PROJECT.
- COMPACTION TESTS SHALL BE PROVIDED BY THE CONTRACTOR (OR AS PROVIDED IN THE CONTRACT) TO VERIFY COMPACTION OF: NATIVE SUBGRADE, AGGREGATE BASE COURSE, A.C. PAVEMENT, UTILITY TRENCHES AND CURB AND GUTTER SUBGRADE.
- EXCESS EARTH MATERIAL & REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN A LAWFUL MANNER. CONTRACTOR SHALL PROVIDE RECEIPTS OR OTHER SUITABLE DOCUMENTS AS REQUESTED BY THE TOWN ENGINEER. A GRADING PERMIT AND LONG-TERM DUST CONTROL MEASURES MAY BE REQUIRED FOR EXPORTED EARTH MATERIAL PLACED ON PRIVATE PROPERTY.



VICINITY MAP
N.T.S.

LEGEND:

	CONSTRUCT P.C.C. SIDEWALK		EX. WATER METER
	CONSTRUCT A.C. PAVEMENT		EX. WATER VALVE
	CONSTRUCT P.C.C. DRIVEWAY		EX. MAILBOX
	EXISTING CENTERLINE		EX. FIRE HYDRANT
	EXISTING RIGHT-OF-WAY		EX. POWER POLE
	EXISTING SIDEWALK		EX. STREET SIGN
	REMOVE EXISTING SIDEWALK		REMOVE MAIL BOX
	PROPOSED SIDEWALK		PROPOSED MAIL BOX
	EXISTING CURB & GUTTER		PROPOSED STREET SIGN
	PROPOSED CURB & GUTTER		



BENCH MARK NO.
ELEVATIONS SHOWN HEREON ARE BASED UPON THE
SMARTNET NORTH AMERICA C.O.R.S. CACT, ELEVATION 388.85
FEET (NAVD 88).

REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'D

KOA
PLANNING | ENGINEERING |
CONSTRUCTION MANAGEMENT
PREPARED UNDER THE SUPERVISION OF:
MING GUAN, RCE 75793

3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

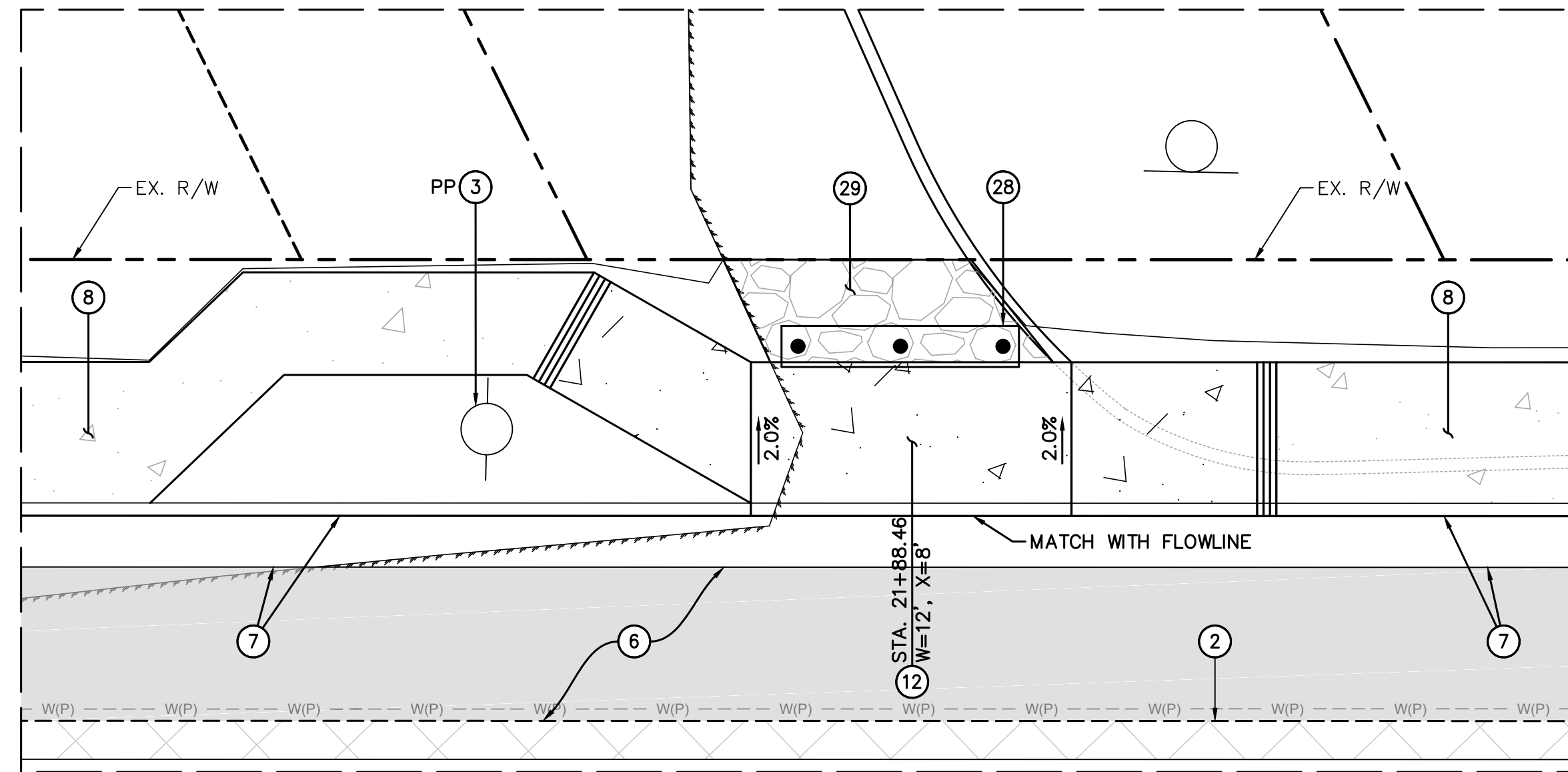


APPROVED BY:
ARMANDO BALDIZZONE, DIRECTOR OF PUBLIC WORKS
RCE 70102 EXP. DATE 9/30/22

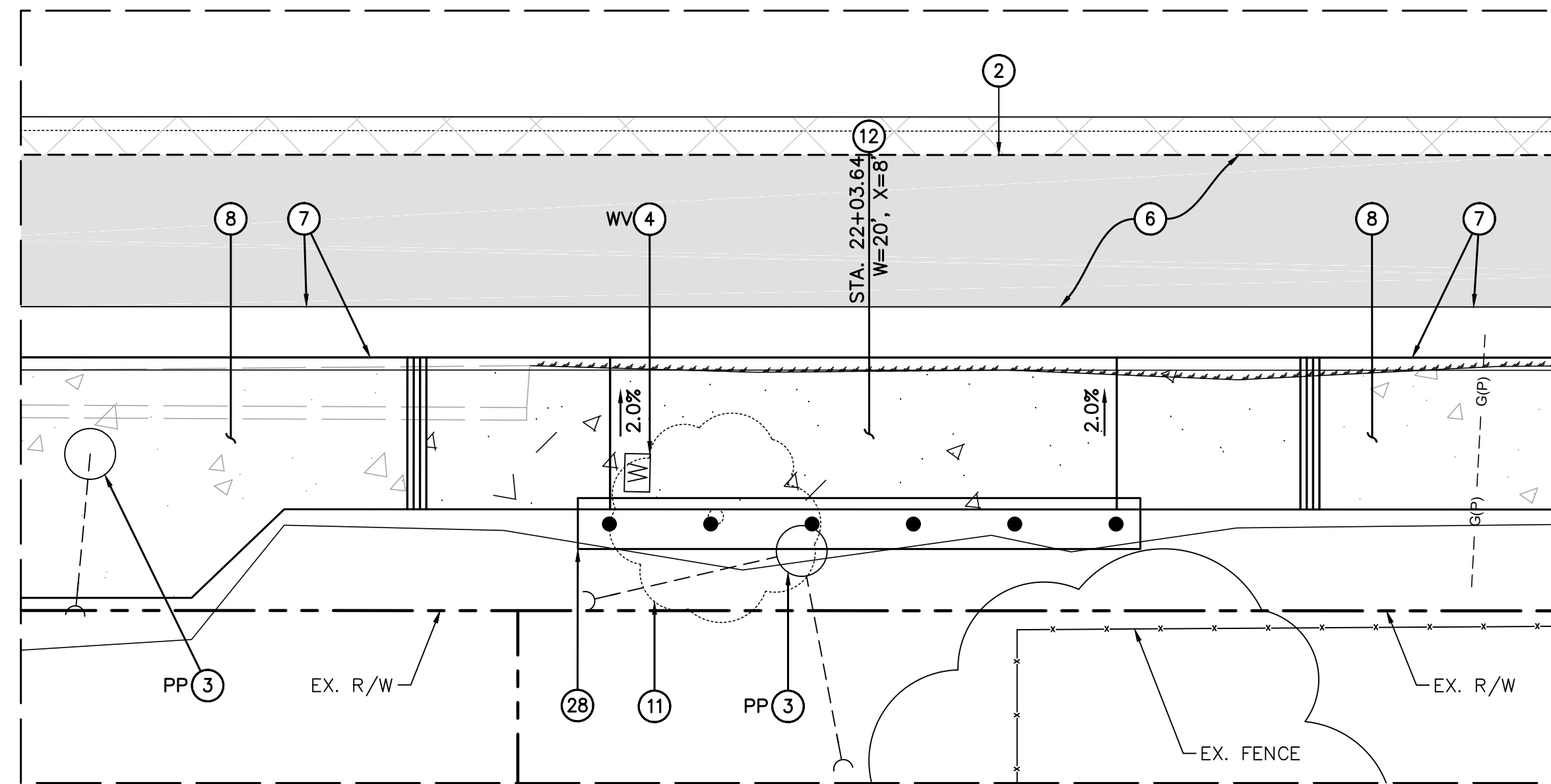
RECOMMENDED BY:

TOWN OF YUCCA VALLEY
ONAGA TRAIL PEDESTRIAN IMPROVMENTS
ACOMA TRAIL TO GRAND AVE
TITLE SHEET

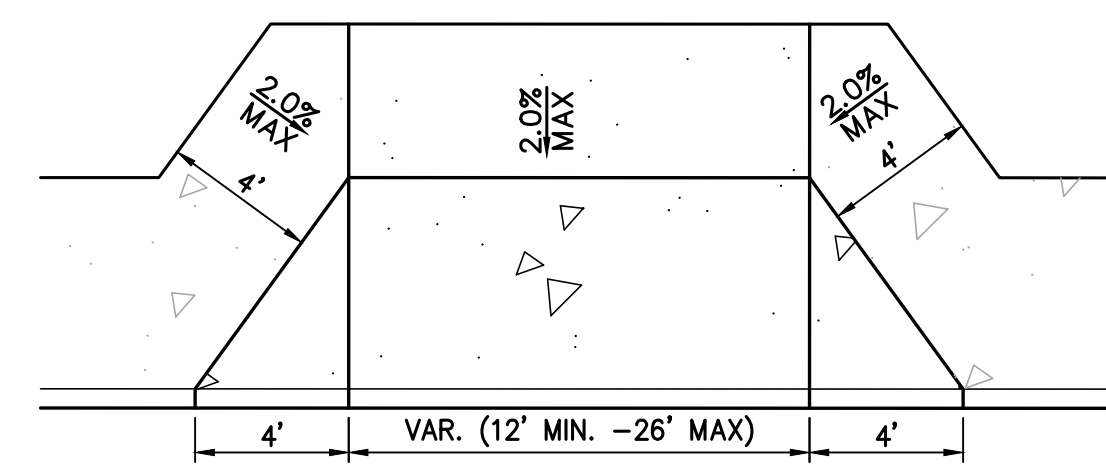
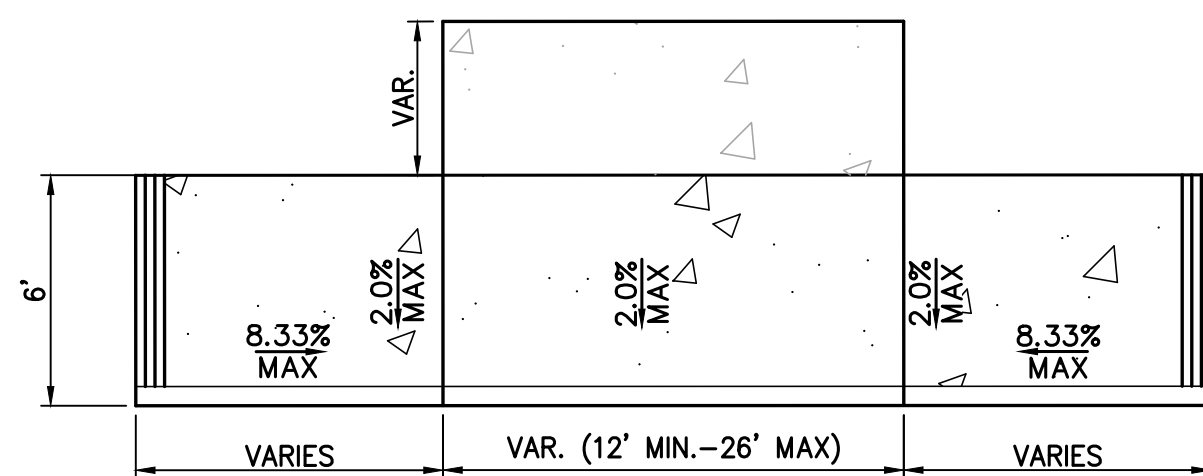
SHEET
1
OF 12 SHEETS
DRAWING NO.



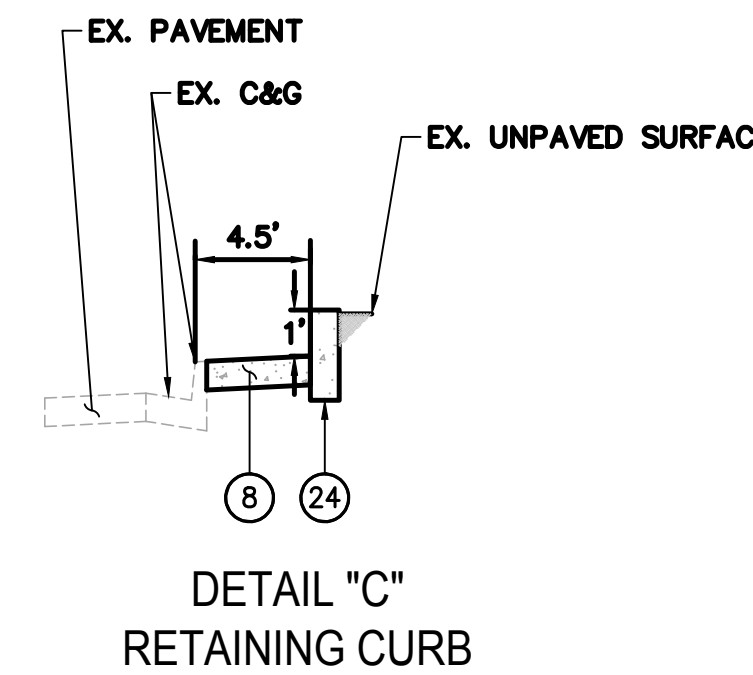
DETAIL "A"
STA. 21+88.46
N'LY WASH DETAIL



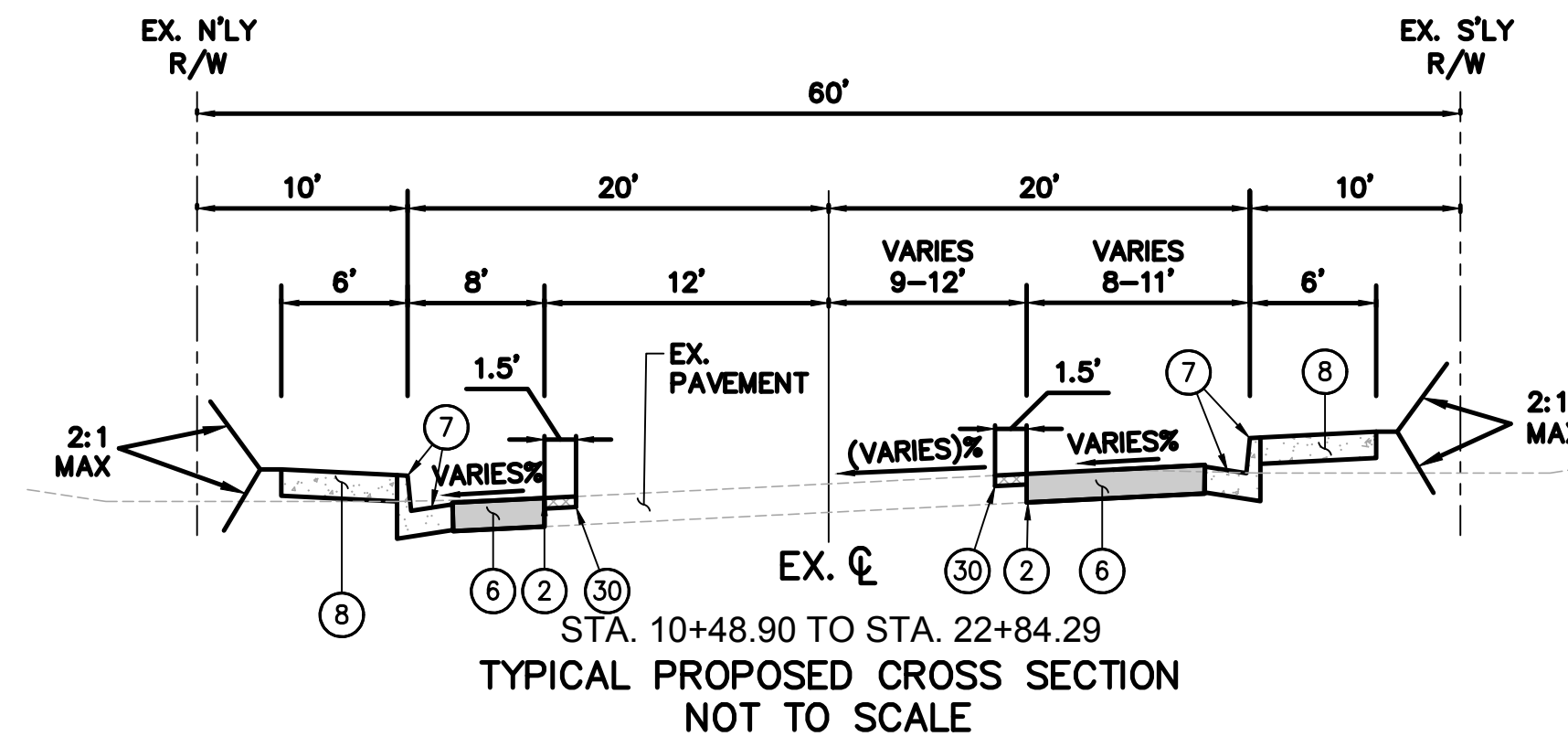
DETAIL "B"
STA. 22+03.64
S'LY WASH DETAIL



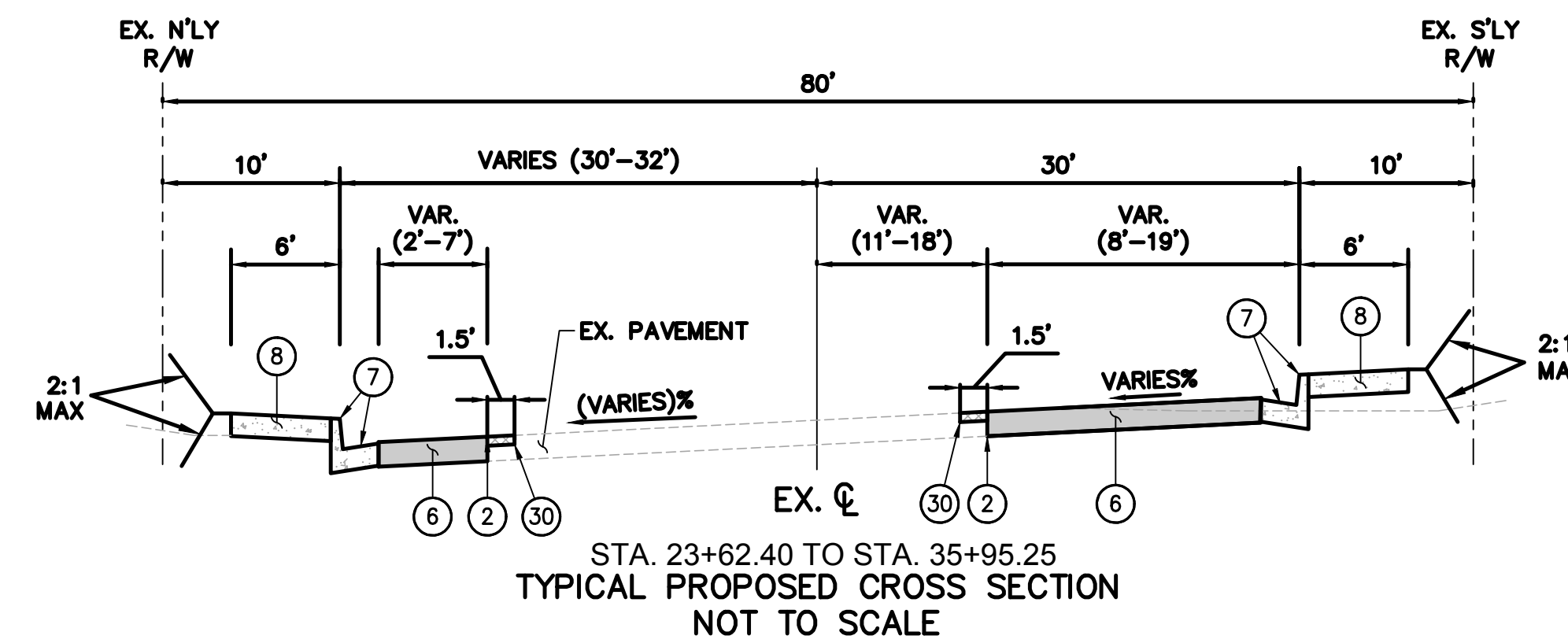
DETAIL "E"
DEPRESSED AND
STANDARD
RESIDENTIAL
DRIVEWAY DETAIL



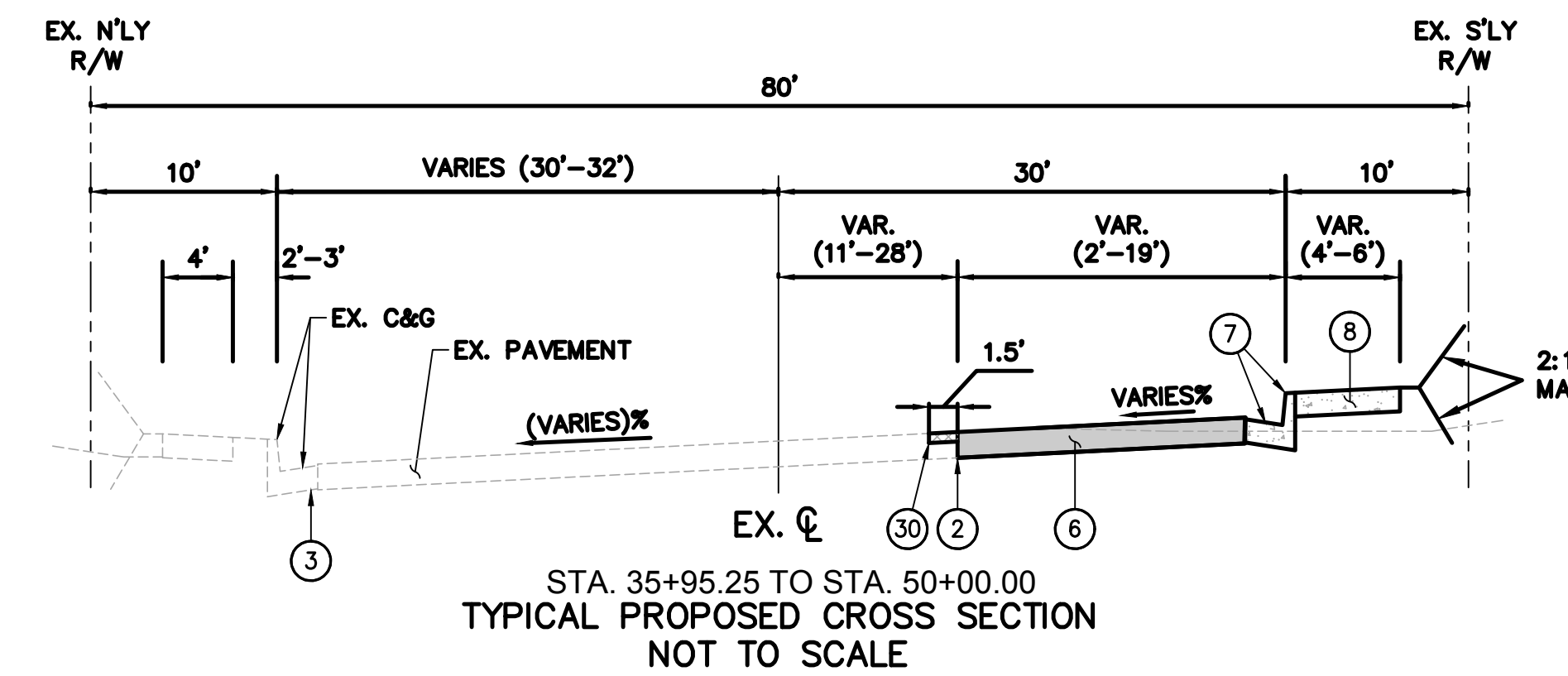
DETAIL "C"
RETAINING CURB



STA. 10+48.90 TO STA. 22+84.29
TYPICAL PROPOSED CROSS SECTION
NOT TO SCALE



STA. 23+62.40 TO STA. 35+95.25
TYPICAL PROPOSED CROSS SECTION
NOT TO SCALE



STA. 35+95.25 TO STA. 50+00.00
TYPICAL PROPOSED CROSS SECTION
NOT TO SCALE

CONSTRUCTION NOTES

- 1 REMOVE EXISTING SIDEWALK, CURB RAMP, DRIVEWAY, CURB AND GUTTER, OR AS NOTED.
- 2 REMOVAL LIMIT. SAWCUT CONCRETE, ASPHALT, AND OTHER HARDSCAPE SURFACE AND REMOVE TO THE LIMITS SHOWN ON THIS PLAN. ALL REMOVALS SHALL BE DISPOSED OF BY THE CONTRACTOR, UNDER CLEARING AND GRUBBING.
- 3 PROTECT IN PLACE.
- 4 ADJUST EXISTING UTILITY TO GRADE.
- 5 RELOCATE EXISTING UTILITY, BY OTHERS.
- 6 REMOVE EXISTING AND CONSTRUCT 4" MIN AC PAVEMENT OVER 12" OF 95% COMPACTED NATIVE SUBGRADE PER TOWN OF YUCCA VALLEY STANDARD PLAN 240.
- 7 CONSTRUCT 8" CURB AND GUTTER OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 200. VARY CURB TO MATCH CURB RAMP AND DRIVEWAYS.
- 8 CONSTRUCT 4" THICK PCC SIDEWALK OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 220.
- 9 CONSTRUCT CURB RAMP PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 221, OVER 12" MIN 95% COMPACTED NATIVE.
- 10 CONSTRUCT CURB RAMP PER CALTRANS STANDARD PLAN AB8A CASE C, OVER 12" MIN 95% COMPACTED NATIVE.
- 11 REMOVE EXISTING TREE AND ROOTS.
- 12 CONSTRUCT 6" THICK PCC DEPRESSED DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.
- 13 GRADE AT 2:1 MAXIMUM AS SHOWN ON PLANS
- 14 CONSTRUCT 6" THICK PCC PAVEMENT DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE.
- 15 RELOCATE EXISTING FIRE HYDRANT PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 310
- 16 REMOVE EXISTING WALL.
- 17 REMOVE EXISTING MAIL BOX AND POST.
- 18 INSTALL NEW MAIL BOX AND POST.
- 19 SALVAGE AND RELOCATE EXISTING MAIL BOX AND POST.
- 20 CONSTRUCT 8" AC DIKE PER TOWN OF YUCCA VALLEY STANDARD PLAN 202.
- 21 CONSTRUCT 6" THICK PCC DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.
- 22 CONSTRUCT 6" THICK COMMERCIAL DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 213.
- 23 CONSTRUCT 6" CHAIN LINK FENCE PER SPPWC STANDARD PLAN 600-3.
- 24 CONSTRUCT 1' PCC RETAINING CURB PER DETAIL "C" ON SHEET 2.
- 25 CONSTRUCT 3'-4" REINFORCED CONCRETE RETAINING WALL TYPE 7A PER SPPWC STANDARD PLAN 616-3.
- 26 RESET EXISTING TELEPHONE POLE TO NEW GRADE (BY OTHERS).
- 27 ADJUST EXISTING GATE AND POLES TO GRADE.
- 28 INSTALL FLEXIBLE DELINEATORS (IE SAFE-HIT OR APPROVED EQUAL).
- 29 CONSTRUCT LIGHT CLASS RIPRAP PER CLATTRANS STD. SPECS 72
- 30 GRIND AND OVERLAY EXISTING PAVEMENT WITH 0.17" AC MIN.
- 31 REMOVE AND REPLACE PCC SPANDREL PER TOWN OF YUCCA VALLEY STANDARD PLAN 230.
- 32 CONSTRUCT TYPE 2 INLET PER SPPWC STANDARD PLAN 151-2. S=2'

LEGEND:

- CONSTRUCT PCC SIDEWALK
- CONSTRUCT AC PAVEMENT
- PROPOSED GRIND AND OVERLAY

ABBREVIATIONS

PROP.	PROPOSED	FH	FIRE HYDRANT	LF	LINEAR FOOT
EX.	EXISTING	TELE	TELEPHONE	CY	CUBIC YARD
TYP.	TYPICAL	WV	WATER VALVE	SF	SQUARE FOOT
VAR.	VARIES	WM	WATER METER	EA	EACH
STA.	STATION	PB	PULLBOX	SNS	STREET NAME SIGN
GB	GRADE BREAK	G	GAS VALVE	N'LY	NORTHERLY
ELEV	ELEVATION	MH	MANHOLE	E'LY	EASTERLY
R/W	RIGHT-OF-WAY	E	ELECTRICAL	S'LY	SOUTHERLY
CL	CENTERLINE	T	TELEPHONE	E'LY	EASTERLY
BCR	BEGINNING OF CURB RETURN	M	MAILBOX	LT	LEFT
ECR	END OF CURB RETURN	PP	POWER POLE	RT	RIGHT
BVC	BEGIN VERTICAL CURVE	EPB	ELECTRIC PULL BOX	AC	ASPHALT CONCRETE
EVC	END VERTICAL CURVE	TPB	TELCO PULL BOX	PCC	PORTLAND CEMENT CONCRETE
EP	EDGE OF PAVEMENT	SL	STREET LIGHT	C/G	CURB AND GUTTER
FL	FLOW LINE	DWY	DRIVEWAY		
TC	TOP OF CURB	GCO	GAS CLEANOUT		



BENCH MARK NO. ELEVATIONS SHOWN HEREON ARE BASED UPON THE SMARTNET NORTH AMERICA C.O.R.S. CACT, ELEVATION 388.85 FEET (NAVD 88).

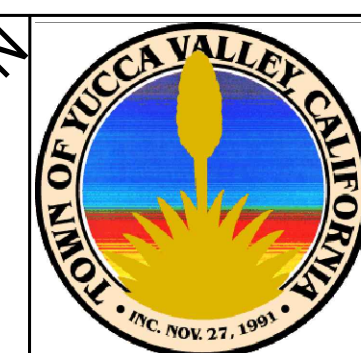
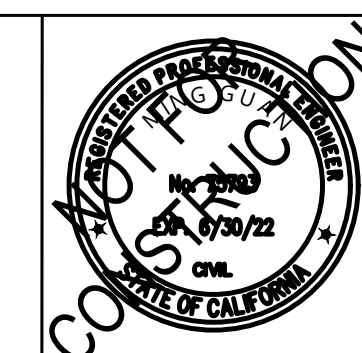
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'D

REVISIONS

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3190 C SHELBY STREET
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APPROVED BY: ARMANDO BALDEZON, DIRECTOR OF PUBLIC WORKS
RCE 70102 EXP. DATE 9/30/22

RECOMMENDED BY: _____ DATE _____

TOWN OF YUCCA VALLEY
ONAGA TRAIL PEDESTRIAN IMPROVMENTS
ACOMA TRAIL TO GRAND AVE
DETAIL SHEET

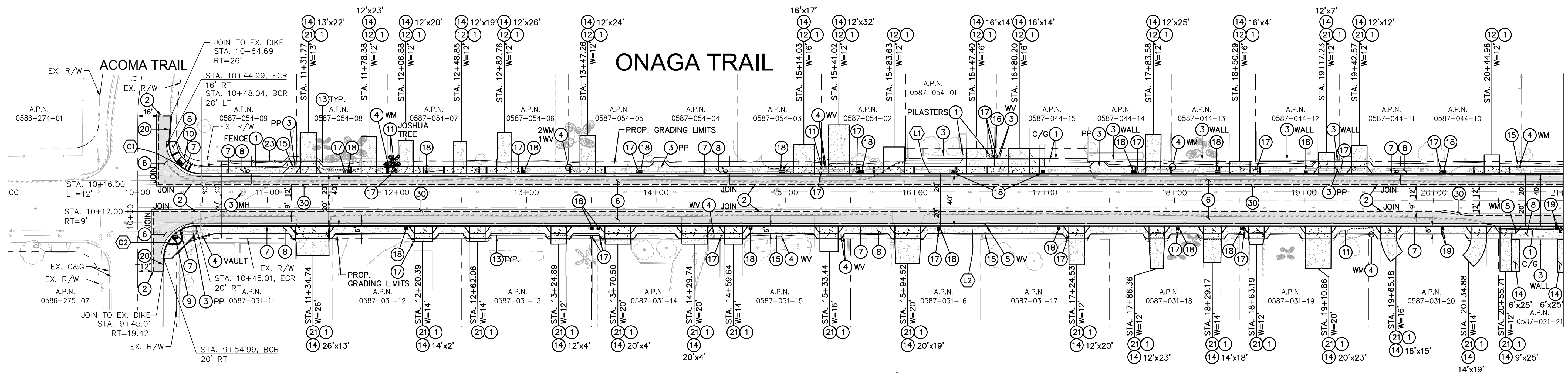
SHEET 2 OF 12 SHEETS
DRAWING NO.

XXX.XX = PROPOSED
(XXX.XX) = EXISTING

HORIZ. SCALE 1"=40'
VERT. SCALE 1"=8'



MATCHLINE STA. 21+00 SEE SHEET 4



MATCHLINE STA. 21+00
SEE SHEET 4

CONSTRUCTION NOTES

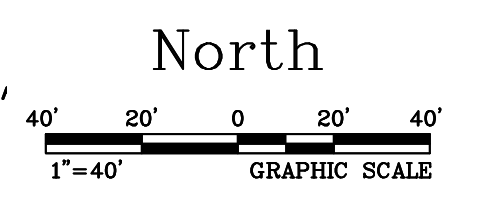
- 1 REMOVE EXISTING SIDEWALK, CURB RAMP, DRIVEWAY, CURB AND GUTTER, OR AS NOTED.
- 2 REMOVAL LIMIT. SAWCUT CONCRETE, ASPHALT, AND OTHER HARDSCAPE SURFACE AND REMOVE TO THE LIMITS SHOWN ON THIS PLAN. ALL REMOVALS SHALL BE DISPOSED OF BY THE CONTRACTOR, UNDER CLEARING AND GRUBBING.
- 3 PROTECT IN PLACE.
- 4 ADJUST EXISTING UTILITY TO GRADE.
- 5 RELOCATE EXISTING UTILITY, BY OTHERS.
- 6 REMOVE EXISTING AND CONSTRUCT 4" MIN AC PAVEMENT OVER 12" OF 95% COMPACTED NATIVE SUBGRADE PER TOWN OF YUCCA VALLEY STANDARD PLAN 240.
- 7 CONSTRUCT 8" CURB AND GUTTER OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 200. VARY CURB TO MATCH CURB RAMP AND DRIVEWAYS.
- 8 CONSTRUCT 4" THICK PCC SIDEWALK OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 220.
- 9 CONSTRUCT CURB RAMP PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 221, OVER 12" MIN 95% COMPACTED NATIVE.
- 10 CONSTRUCT CURB RAMP PER CALTRANS STANDARD PLAN A88A CASE C, OVER 12" MIN 95% COMPACTED NATIVE.
- 11 REMOVE EXISTING TREE AND ROOTS.
- 12 CONSTRUCT 6" THICK PCC DEPRESSED DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.
- 13 GRADE AT 2:1 MAXIMUM AS SHOWN ON PLANS
- 14 CONSTRUCT 6" THICK PCC PAVEMENT DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE.
- 15 RELOCATE EXISTING FIRE HYDRANT PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 310
- 16 REMOVE EXISTING WALL.
- 17 REMOVE EXISTING MAIL BOX AND POST.
- 18 INSTALL NEW MAIL BOX AND POST.
- 19 SALVAGE AND RELOCATE EXISTING MAIL BOX AND POST.
- 20 CONSTRUCT 8" AC DIKE PER TOWN OF YUCCA VALLEY STANDARD PLAN 202.
- 21 CONSTRUCT 6" THICK PCC DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.
- 23 CONSTRUCT 6' CHAIN LINK FENCE PER SPPWC STANDARD PLAN 600-3.
- 30 GRIND AND OVERLAY EXISTING PAVEMENT WITH 0.17" AC MIN.

LEGEND:

- CONSTRUCT PCC SIDEWALK
- CONSTRUCT AC PAVEMENT
- PROPOSED GRIND AND OVERL

LINE TABLE		
LINE #	LENGTH	DELTA
L1	1229.96'	N88° 43' 58"E
L2	1239.28'	N88° 43' 58"E

CURVE TABLE				
CURVE#	LENGTH	RADIUS	DELTA	TANGENT
C1	39.27'	25.00'	89° 59' 26"	25.00'
C2	39.27'	25.00'	90° 43' 34"	25.00'



IMPORTANT NOTICE
 Double check all of the information on this drawing. It is your responsibility to verify the accuracy of all information. If you find any errors, please call the engineer immediately. Do not proceed with construction until you have received written approval from the engineer. **CALL TOLL FREE TWO WORKING DAYS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 811**

BENCH MARK NO.
 ELEVATIONS SHOWN HEREON ARE BASED UPON THE SMARTNET NORTH AMERICA C.O.R.S. CACT, ELEVATION 388.85 FEET (NAVD 88).

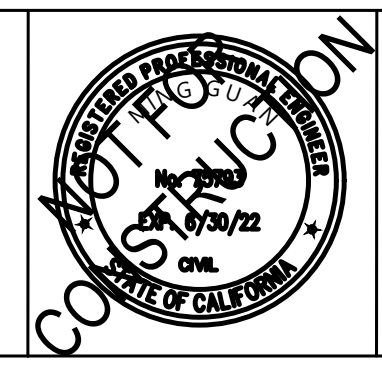
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'D

REVISIONS

MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'D

KOA
 PLANNING | ENGINEERING | CONSTRUCTION MANAGEMENT
 PREPARED UNDER THE SUPERVISION OF:
 MING GUAN, RCE 75793

3190 C SHELBY STREET
 ONTARIO, CALIFORNIA 91764
 Tel: (909) 890-9693 Fax: (909) 890-9694



APPROVED BY:
 ARMANDO BALDEZON, DIRECTOR OF PUBLIC WORKS
 RCE 70102 EXP. DATE 9/30/22

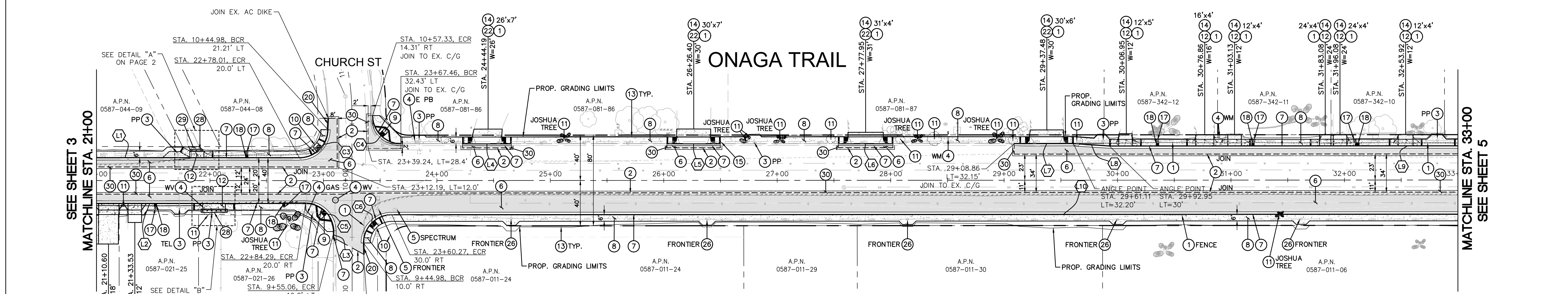
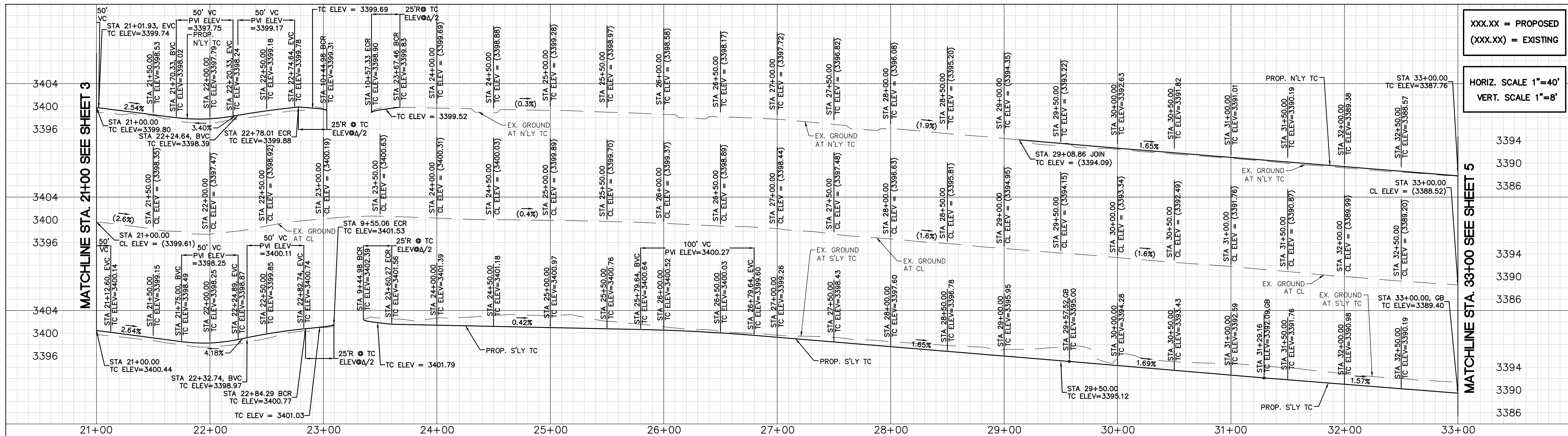
RECOMMENDED BY:

TOWN OF YUCCA VALLEY
 ONAGA TRAIL PEDESTRIAN IMPROVMENTS
 ACOMA TRAIL TO GRAND AVE
 STREET IMPROVEMENT STA 10+00 TO STA 21+00

SHEET
 3
 OF 12 SHEETS
 DRAWING NO.

XXX.XX = PROPOSED
(XXX.XX) = EXISTING

HORIZ. SCALE 1"=40'
VERT. SCALE 1"=8'



CONSTRUCTION NOTES

- 1 REMOVE EXISTING SIDEWALK, CURB RAMP, DRIVEWAY, CURB AND GUTTER, OR AS NOTED.
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- 3 PROTECT IN PLACE.
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- 5 RELOCATE EXISTING UTILITY, BY OTHERS.
- 6 REMOVE EXISTING AND CONSTRUCT 4" MIN AC PAVEMENT OVER 12" OF 95% COMPACTED NATIVE SUBGRADE PER TOWN OF YUCCA VALLEY STANDARD PLAN 240.
- 7 CONSTRUCT 8" CURB AND GUTTER OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 200. VARY CURB TO MATCH CURB RAMP AND DRIVEWAYS.
- 8 CONSTRUCT 4" THICK PCC SIDEWALK OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 220.
- 9 CONSTRUCT CURB RAMP PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 221, OVER 12" MIN 95% COMPACTED NATIVE.
- 10 CONSTRUCT CURB RAMP PER CALTRANS STANDARD PLAN AB8A CASE C, OVER 12" MIN 95% COMPACTED NATIVE.

- 11 REMOVE EXISTING TREE AND ROOTS.
- 12 CONSTRUCT 6" THICK PCC DEPRESSED DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.
- 13 GRADE AT 2:1 MAXIMUM AS SHOWN ON PLANS
- 14 CONSTRUCT 6" THICK PCC PAVEMENT DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE.
- 15 RELOCATE EXISTING FIRE HYDRANT PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 310
- 16 REMOVE EXISTING WALL.
- 17 REMOVE EXISTING MAIL BOX AND POST.
- 18 INSTALL NEW MAIL BOX AND POST.
- 20 CONSTRUCT 8" AC DIKE PER TOWN OF YUCCA VALLEY STANDARD PLAN 202.
- 21 CONSTRUCT 6" THICK PCC DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.
- 22 CONSTRUCT 6" THICK COMMERCIAL DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 213.
- 26 RESET EXISTING TELEPHONE POLE TO NEW GRADE (BY OTHERS).
- 28 INSTALL FLEXIBLE DELINEATORS (IE SAFE-HIT OR APPROVED EQUAL).
- 29 CONSTRUCT LIGHT CLASS RIPRAP PER CALTRANS STD. SPECS 72
- 30 GRIND AND OVERLAY EXISTING PAVEMENT WITH 0.17" AC MIN.

LINE TABLE

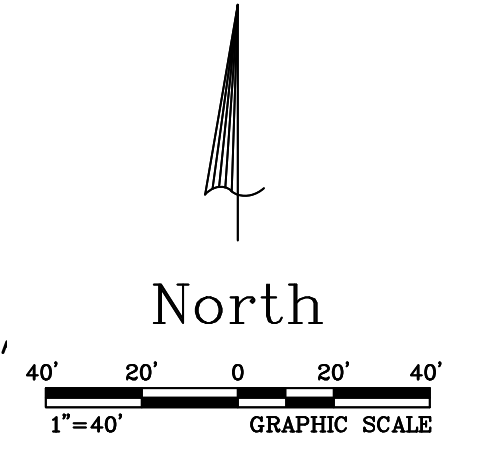
LINE #	LENGTH	DELTA
L1	1229.96'	N88° 43' 58"E
L2	1239.28'	N88° 43' 58"E
L3	6.65'	S00° 39' 16"W
L4	42.98'	N88° 45' 13"E
L5	47.02'	N88° 44' 24"E
L6	48.13'	N88° 42' 03"E
L7	47.25'	N88° 39' 04"E
L8	31.91'	N87° 24' 31"E
L9	602.49'	N88° 41' 21"E
L10	1184.278'	N88° 41' 26"E

CURVE TABLE

CURVE#	LENGTH	RADIUS	DELTA	TANGENT
C3	39.21'	25.00'	89° 52' 10"	25.00'
C4	39.25'	25.00'	89° 56' 51"	25.00'
C5	39.24'	25.00'	89° 55' 27"	25.00'
C6	39.29'	25.00'	90° 03' 14"	25.00'

LEGEND:

- CONSTRUCT PCC SIDEWALK
- CONSTRUCT AC PAVEMENT
- PROPOSED GRIND AND OVERLAY



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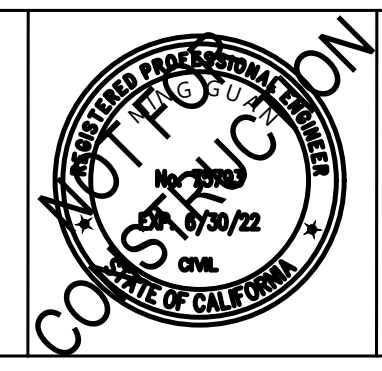
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'D

REVISIONS

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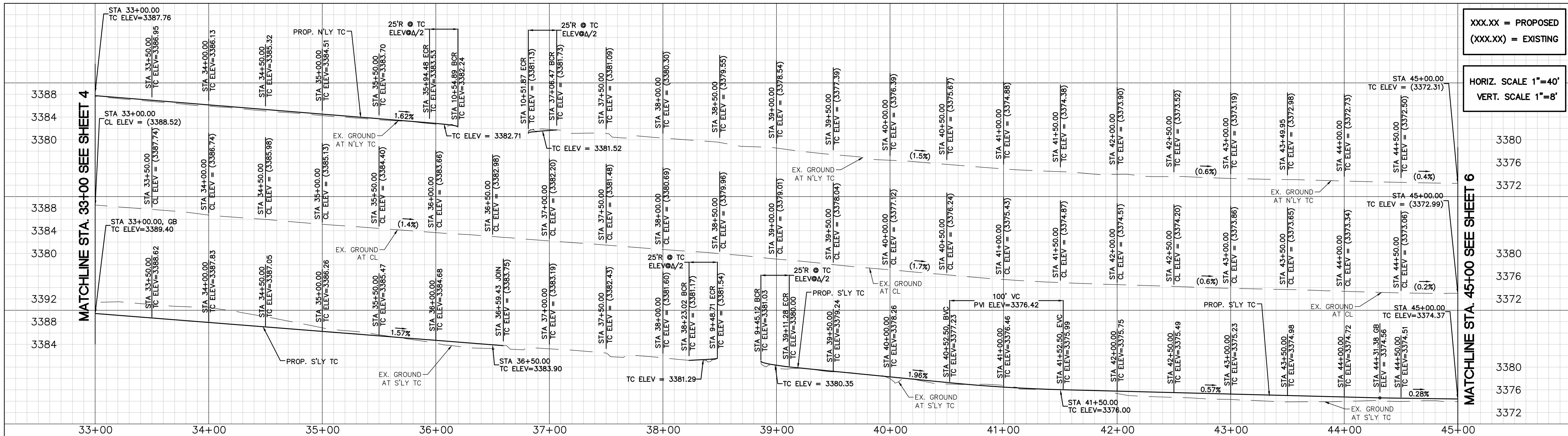
APPROVED BY: _____ DATE: _____
 ARMANDO BALDEZON, DIRECTOR OF PUBLIC WORKS
 RCE 70102 EXP. DATE 9/30/22

RECOMMENDED BY: _____

TOWN OF YUCCA VALLEY
 ONAGA TRAIL PEDESTRIAN IMPROVMENTS
 ACOMA TRAIL TO GRAND AVE
 STREET IMPROVEMENT STA 21+00 TO STA 33+00

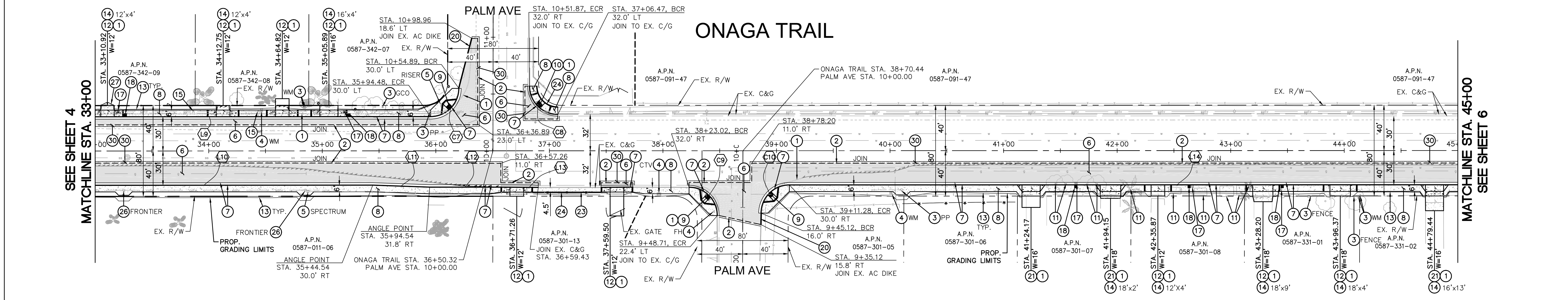
SHEET
 4
 OF 12 SHEETS
 DRAWING NO.

PROJECT: _____



XXX.XX = PROPOSED
(XXX.XX) = EXISTING

HORIZ. SCALE 1"=40'
VERT. SCALE 1"=8'



CONSTRUCTION NOTES

- 1 REMOVE EXISTING SIDEWALK, CURB RAMP, DRIVEWAY, CURB AND GUTTER, OR AS NOTED.
- 2 REMOVAL LIMIT. SAWCUT CONCRETE, ASPHALT, AND OTHER HARDSCAPE SURFACE AND REMOVE TO THE LIMITS SHOWN ON THIS PLAN. ALL REMOVALS SHALL BE DISPOSED OF BY THE CONTRACTOR, UNDER CLEARING AND GRUBBING.
- 3 PROTECT IN PLACE.
- 4 ADJUST EXISTING UTILITY TO GRADE.
- 5 RELOCATE EXISTING UTILITY, BY OTHERS.
- 6 REMOVE EXISTING AND CONSTRUCT 4" MIN AC PAVEMENT OVER 12" OF 95% COMPACTED NATIVE SUBGRADE PER TOWN OF YUCCA VALLEY STANDARD PLAN 240.
- 7 CONSTRUCT 8" CURB AND GUTTER OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 200. VARY CURB TO MATCH CURB RAMP AND DRIVEWAYS.
- 8 CONSTRUCT 4" THICK PCC SIDEWALK OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 220.
- 9 CONSTRUCT CURB RAMP PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 221, OVER 12" MIN 95% COMPACTED NATIVE.

- 10 CONSTRUCT CURB RAMP PER CALTRANS STANDARD PLAN A88A CASE C, OVER 12" MIN 95% COMPACTED NATIVE.
- 11 REMOVE EXISTING TREE AND ROOTS.
- 12 CONSTRUCT 6" THICK PCC DEPRESSED DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.
- 13 GRADE AT 2:1 MAXIMUM AS SHOWN ON PLANS
- 14 CONSTRUCT 6" THICK PCC PAVEMENT DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE.
- 15 RELOCATE EXISTING FIRE HYDRANT PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 310
- 17 REMOVE EXISTING MAIL BOX AND POST.
- 18 INSTALL NEW MAIL BOX AND POST.
- 20 CONSTRUCT 8" AC DIKE PER TOWN OF YUCCA VALLEY STANDARD PLAN 202.
- 21 CONSTRUCT 6" THICK PCC DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.

- 23 CONSTRUCT 6' CHAIN LINK FENCE PER SPPWC STANDARD PLAN 600-3.
- 24 CONSTRUCT 1' PCC RETAINING CURB PER DETAIL "C" ON SHEET 2.
- 26 RESET EXISTING TELEPHONE POLE TO NEW GRADE (BY OTHERS).
- 27 ADJUST EXISTING GATE AND POLES TO GRADE.
- 30 GRIND AND OVERLAY EXISTING PAVEMENT WITH 0.17" AC MIN.

LEGEND:

- CONSTRUCT PCC SIDEWALK
- CONSTRUCT AC PAVEMENT
- PROPOSED GRIND AND OVERL

LINE TABLE		
LINE #	LENGTH	DELTA
L9	602.49'	N88° 41' 21"E
L10	1184.278'	N88° 41' 26"E
L11	50.03'	N89° 17' 12"E
L12	62.71'	N88° 43' 37"E
L13	33.00'	N89° 04' 47"E
L14	683.25'	N88° 42' 08"E

CURVE TABLE				
CURVE#	LENGTH	RADIUS	DELTA	TANGENT
C7	39.22'	25.00'	89° 53' 01"	25.00'
C8	39.32'	25.00'	90° 06' 12"	25.00'
C9	39.34'	25.00'	90° 10' 08"	25.00'
C10	39.20'	25.00'	89° 49' 52"	25.00'

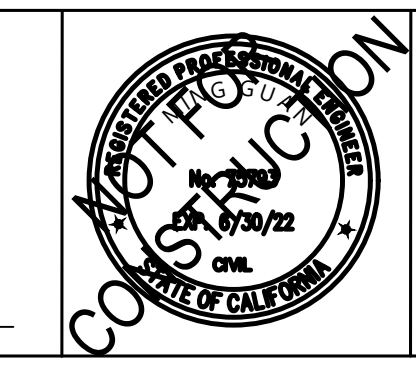
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BENCH MARK NO.
 ELEVATIONS SHOWN HEREON ARE BASED UPON THE
 SMARTNET NORTH AMERICA C.O.R.S. CACT, ELEVATION 388.85
 FEET (NAVD 89).

REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'D

KOA
 PLANNING | ENGINEERING |
 CONSTRUCTION MANAGEMENT
 PREPARED UNDER THE SUPERVISION OF:
 MING GUAN, RCE 75793

3190 S SHELBY STREET
 ONTARIO, CALIFORNIA 91764
 Tel: (909) 890-9693 Fax: (909) 890-9694



APPROVED BY:
 ARMANDO BALDEZZONE, DIRECTOR OF PUBLIC WORKS
 RCE 70102 EXP. DATE 9/30/22

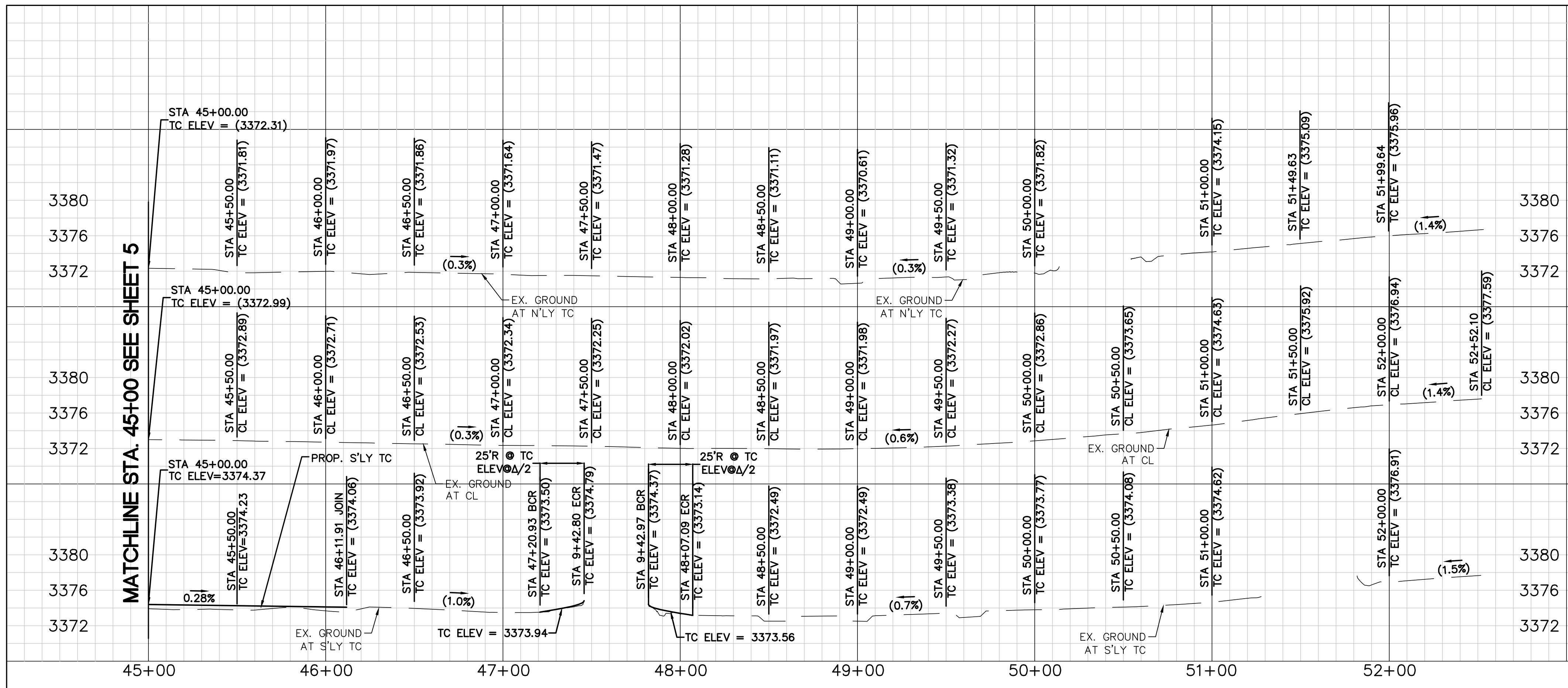
RECOMMENDED BY:

TOWN OF YUCCA VALLEY
 ONAGA TRAIL PEDESTRIAN IMPROVMENTS
 ACOMA TRAIL TO GRAND AVE
 STREET IMPROVEMENT STA 33+00 TO STA 45+00

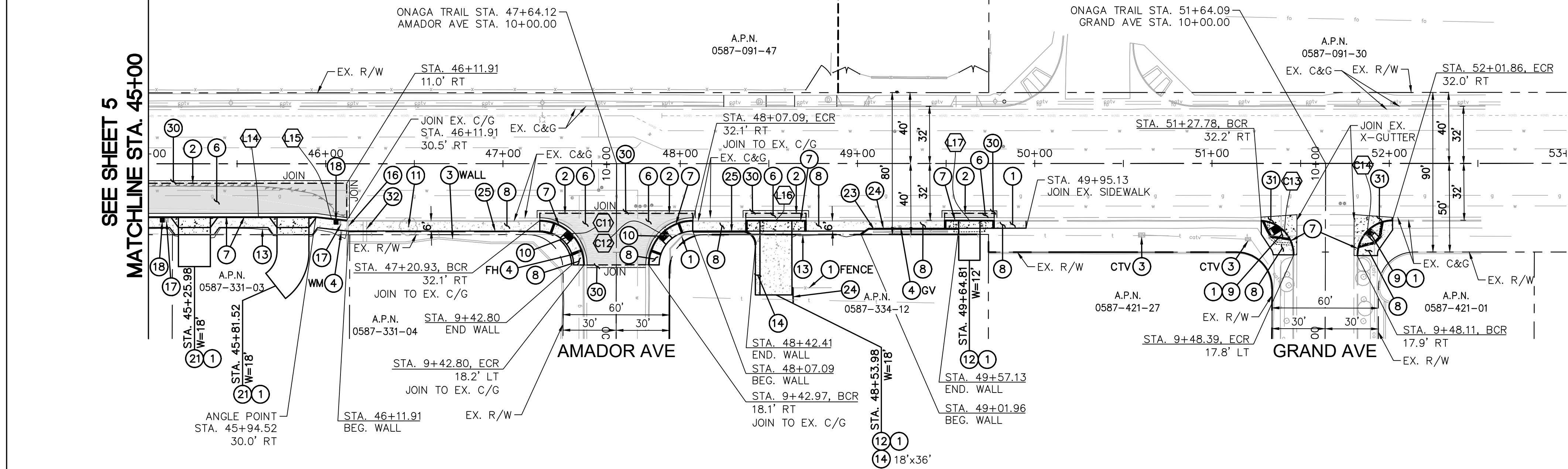
SHEET
 5
 OF 12 SHEETS
 DRAWING NO.

XXX.XX = PROPOSED
(XXX.XX) = EXISTING

HORIZ. SCALE 1"=40'
VERT. SCALE 1"=8'



ONAGA TRAIL



LINE TABLE		
LINE #	LENGTH	DELTA
L14	683.25'	N88° 42' 08"E
L15	17.50'	N85° 03' 03"E
L16	34.00'	N88° 46' 19"E
L17	28.00'	N88° 55' 46"E

CURVE TABLE				
CURVE#	LENGTH	RADIUS	DELTA	TANGENT
C11	39.34'	25.00'	90° 10' 01"	25.00'
C12	39.20'	25.00'	89° 49' 59"	25.00'
C13	21.19'	19.30'	62° 53' 41"	11.80'
C14	20.17'	20.00'	57° 46' 22"	11.00'

CONSTRUCTION NOTES

- 1 REMOVE EXISTING SIDEWALK, CURB RAMP, DRIVEWAY, CURB AND GUTTER, OR AS NOTED.
- 2 REMOVAL LIMIT. SAWCUT CONCRETE, ASPHALT, AND OTHER HARDSCAPE SURFACE AND REMOVE TO THE LIMITS SHOWN ON THIS PLAN. ALL REMOVALS SHALL BE DISPOSED OF BY THE CONTRACTOR, UNDER CLEARING AND GRUBBING.
- 3 PROTECT IN PLACE.
- 4 ADJUST EXISTING UTILITY TO GRADE.
- 6 REMOVE EXISTING AND CONSTRUCT 4" MIN AC PAVEMENT OVER 12" OF 95% COMPACTED NATIVE SUBGRADE PER TOWN OF YUCCA VALLEY STANDARD PLAN 240.
- 7 CONSTRUCT 8" CURB AND GUTTER OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 200. VARY CURB TO MATCH CURB RAMP AND DRIVEWAYS.
- 8 CONSTRUCT 4" THICK PCC SIDEWALK OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 220.
- 9 CONSTRUCT CURB RAMP PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 221, OVER 12" MIN 95% COMPACTED NATIVE.
- 10 CONSTRUCT CURB RAMP PER CALTRANS STANDARD PLAN A88A CASE C, OVER 12" MIN 95% COMPACTED NATIVE.
- 11 REMOVE EXISTING TREE AND ROOTS.
- 12 CONSTRUCT 6" THICK PCC DEPRESSED DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.
- 13 GRADE AT 2:1 MAXIMUM AS SHOWN ON PLANS
- 14 CONSTRUCT 6" THICK PCC PAVEMENT DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE.
- 16 REMOVE EXISTING WALL.
- 17 REMOVE EXISTING MAIL BOX AND POST.
- 18 INSTALL NEW MAIL BOX AND POST.
- 21 CONSTRUCT 6" THICK PCC DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.
- 23 CONSTRUCT 6' CHAIN LINK FENCE PER SPPWC STANDARD PLAN 600-3.
- 24 CONSTRUCT 1' PCC RETAINING CURB PER DETAIL "C" ON SHEET 2.
- 25 CONSTRUCT 3'-4" REINFORCED CONCRETE RETAINING WALL TYPE 7A PER SPPWC STANDARD PLAN 616-3.
- 30 GRIND AND OVERLAY EXISTING PAVEMENT WITH 0.17" AC MIN.
- 31 REMOVE AND REPLACE PCC SPANDREL PER TOWN OF YUCCA VALLEY STANDARD PLAN 230.
- 32 CONSTRUCT TYPE 2 INLET PER SPPWC STANDARD PLAN 151-2. S=2'

IMPORTANT NOTICE
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 811

LEGEND:

- CONSTRUCT PCC SIDEWALK
- CONSTRUCT AC PAVEMENT
- PROPOSED GRIND AND OVERLAY

North
 40' 20' 0 20' 40'
 1"=40'
 GRAPHIC SCALE

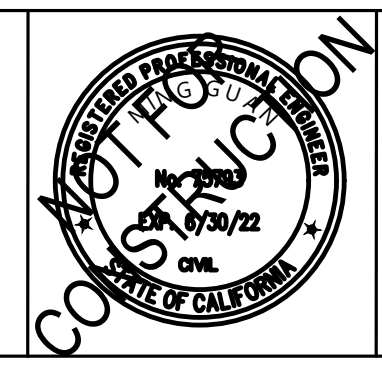
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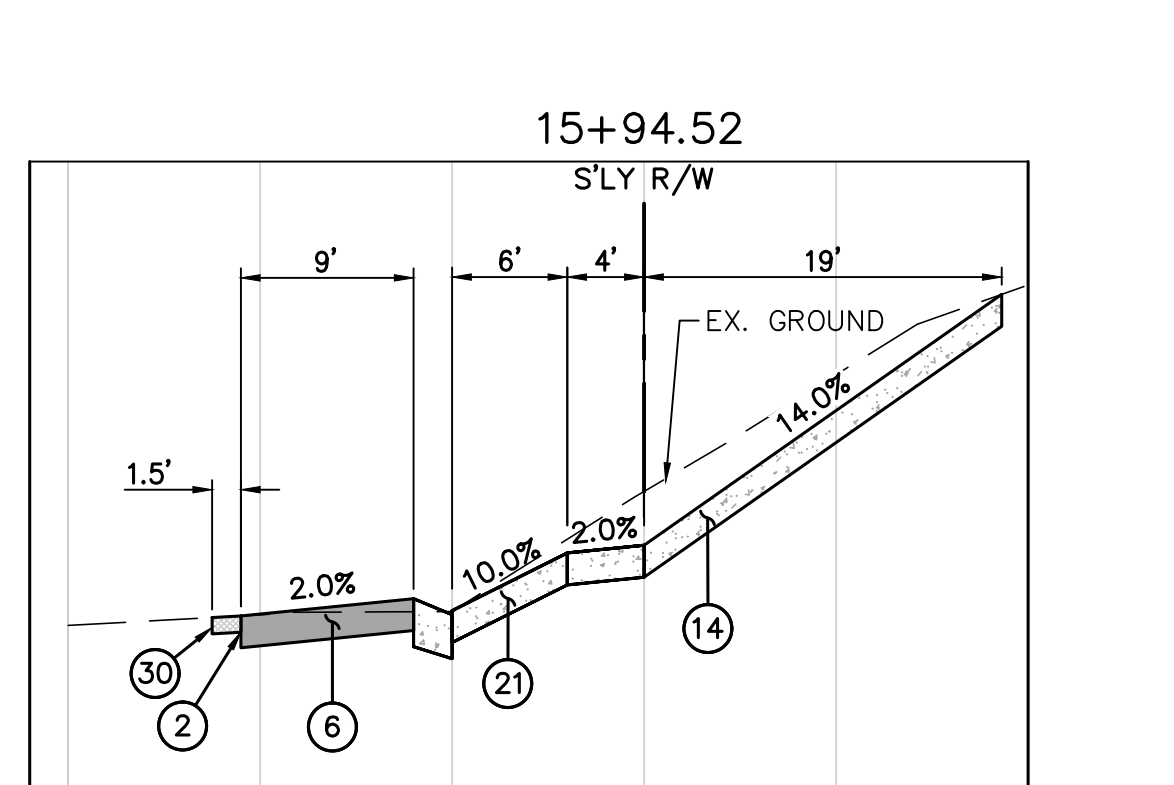
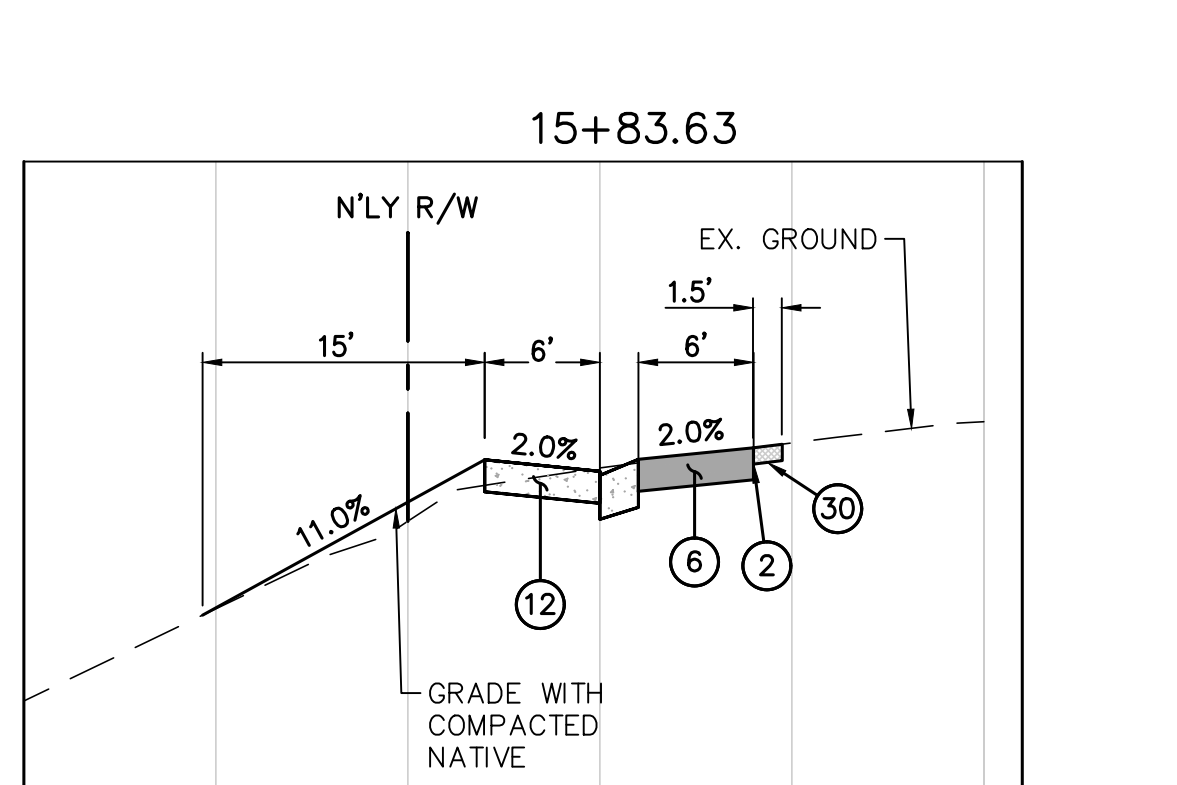
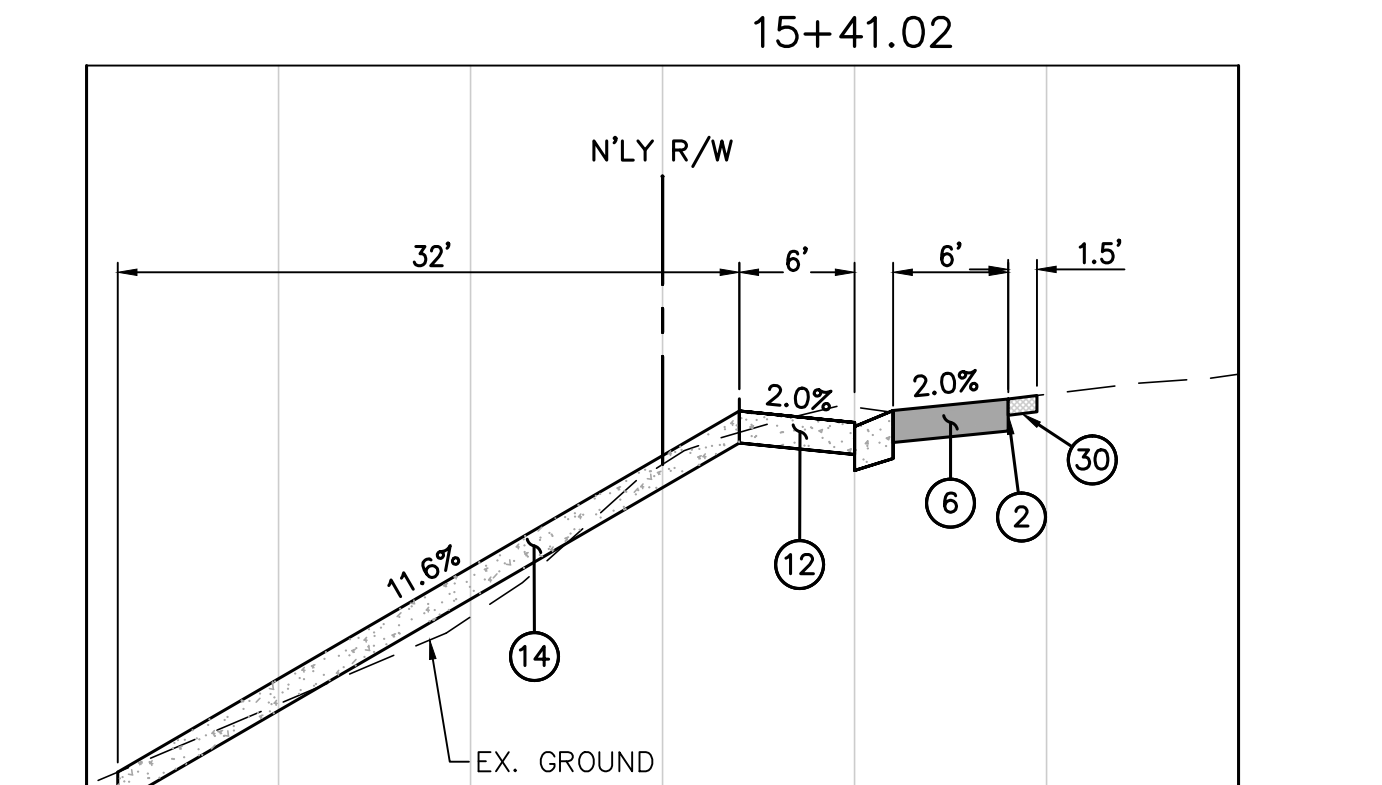
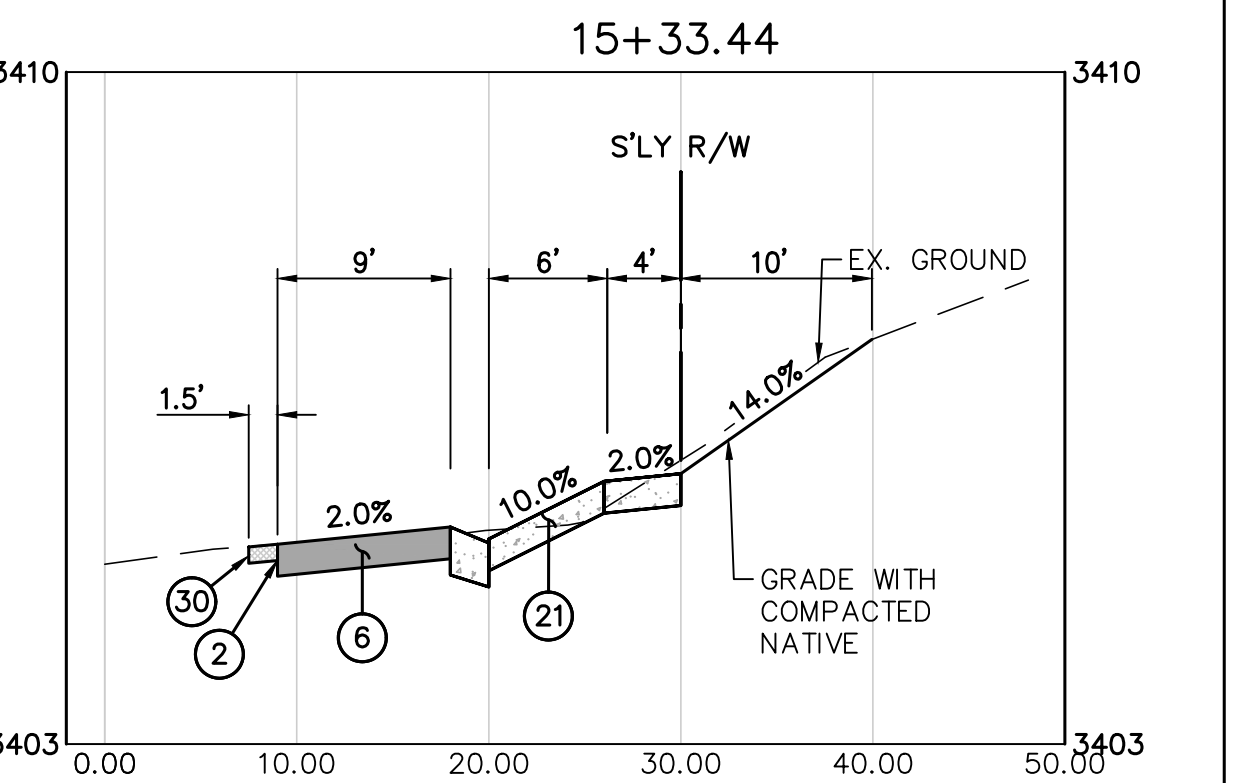
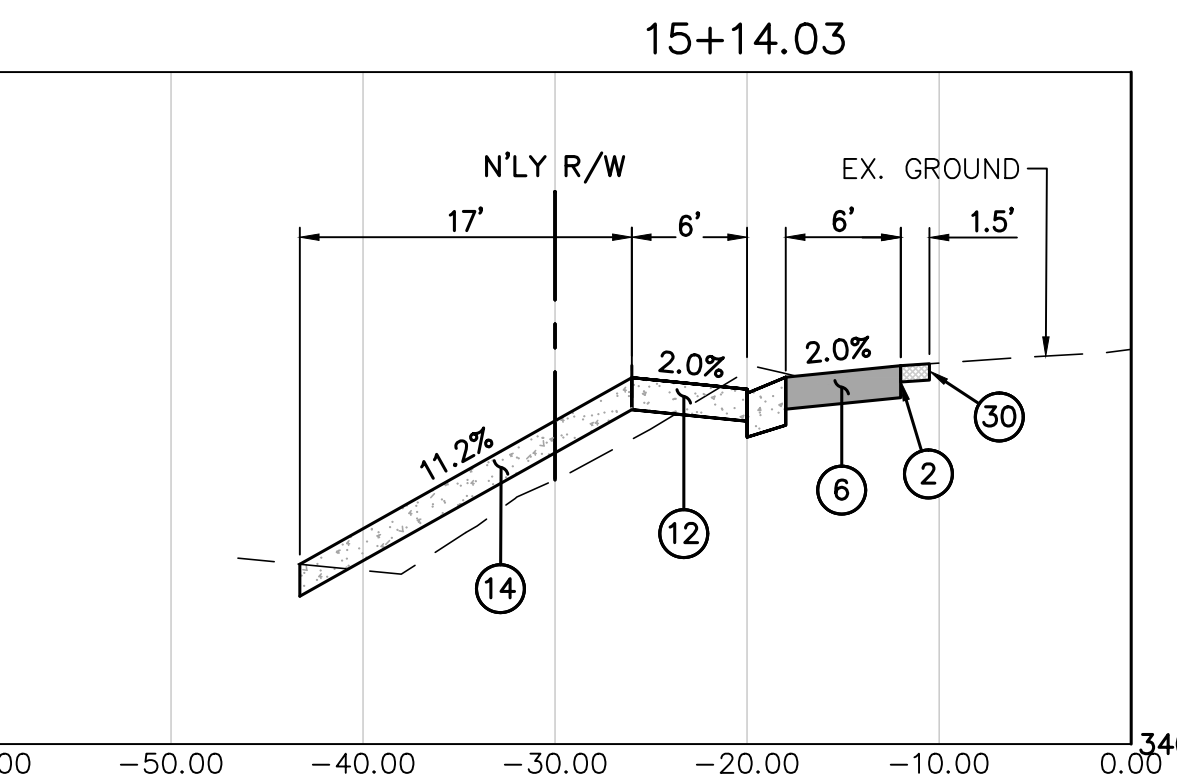
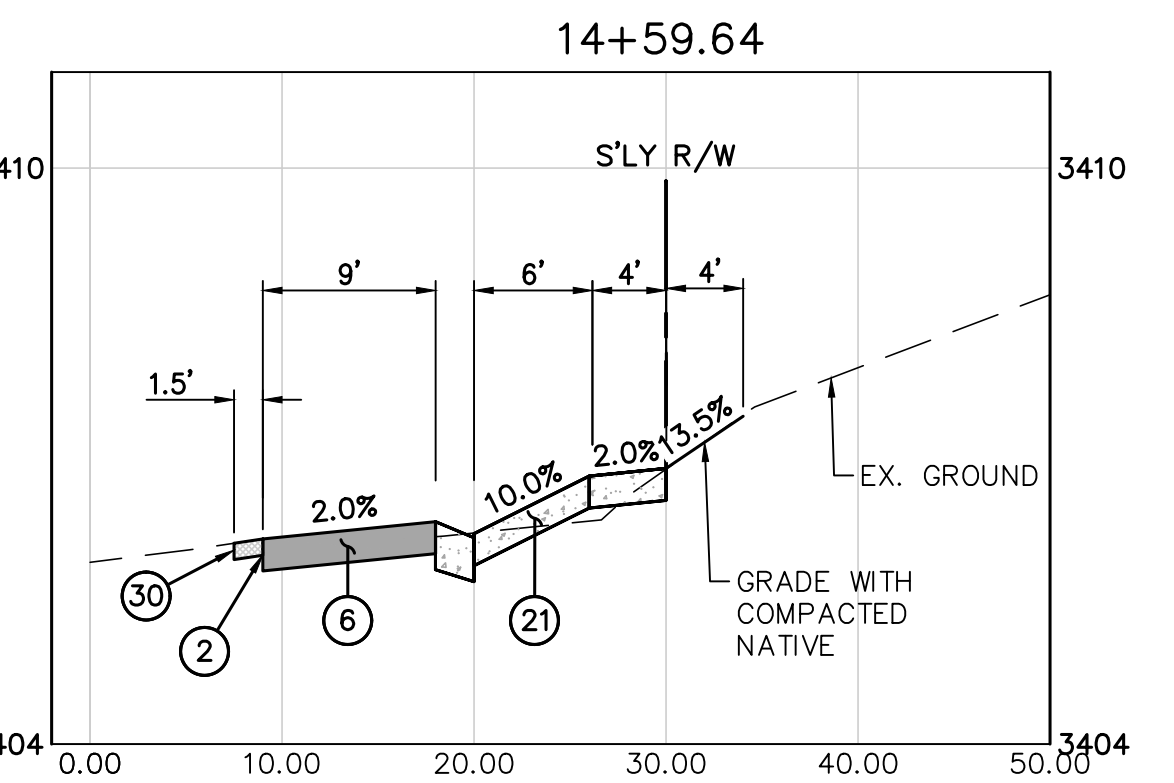
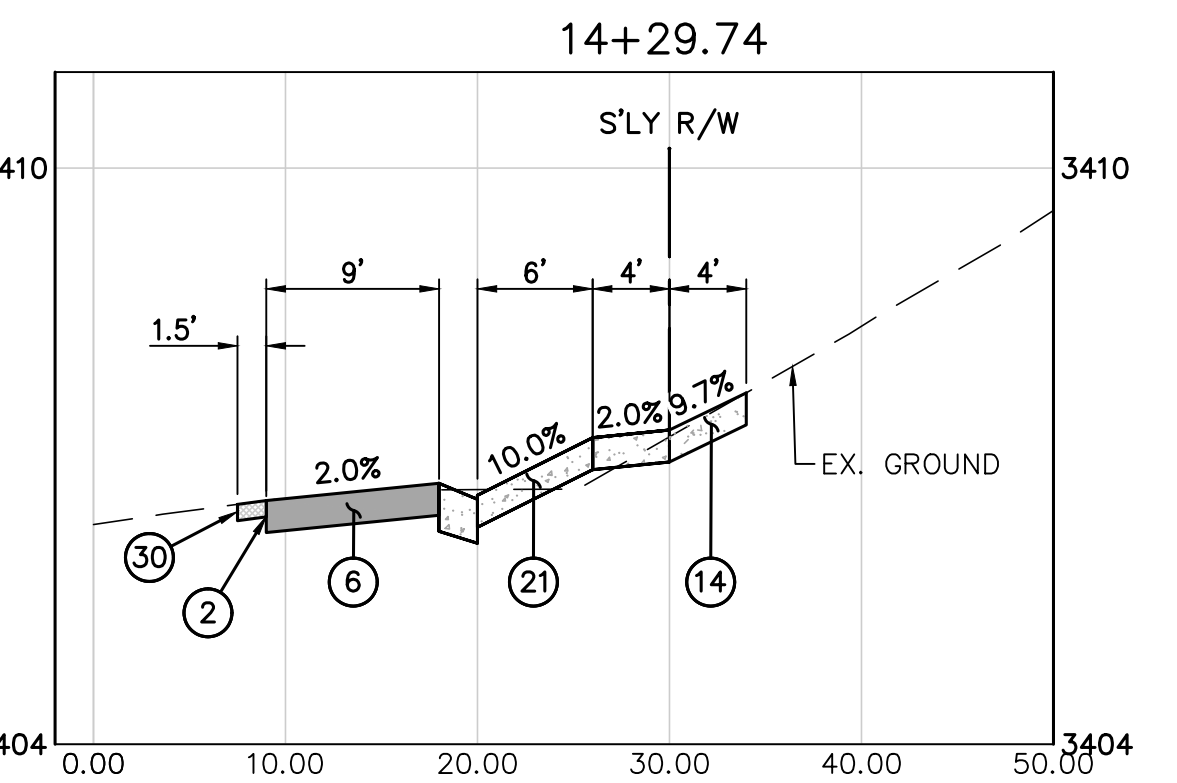
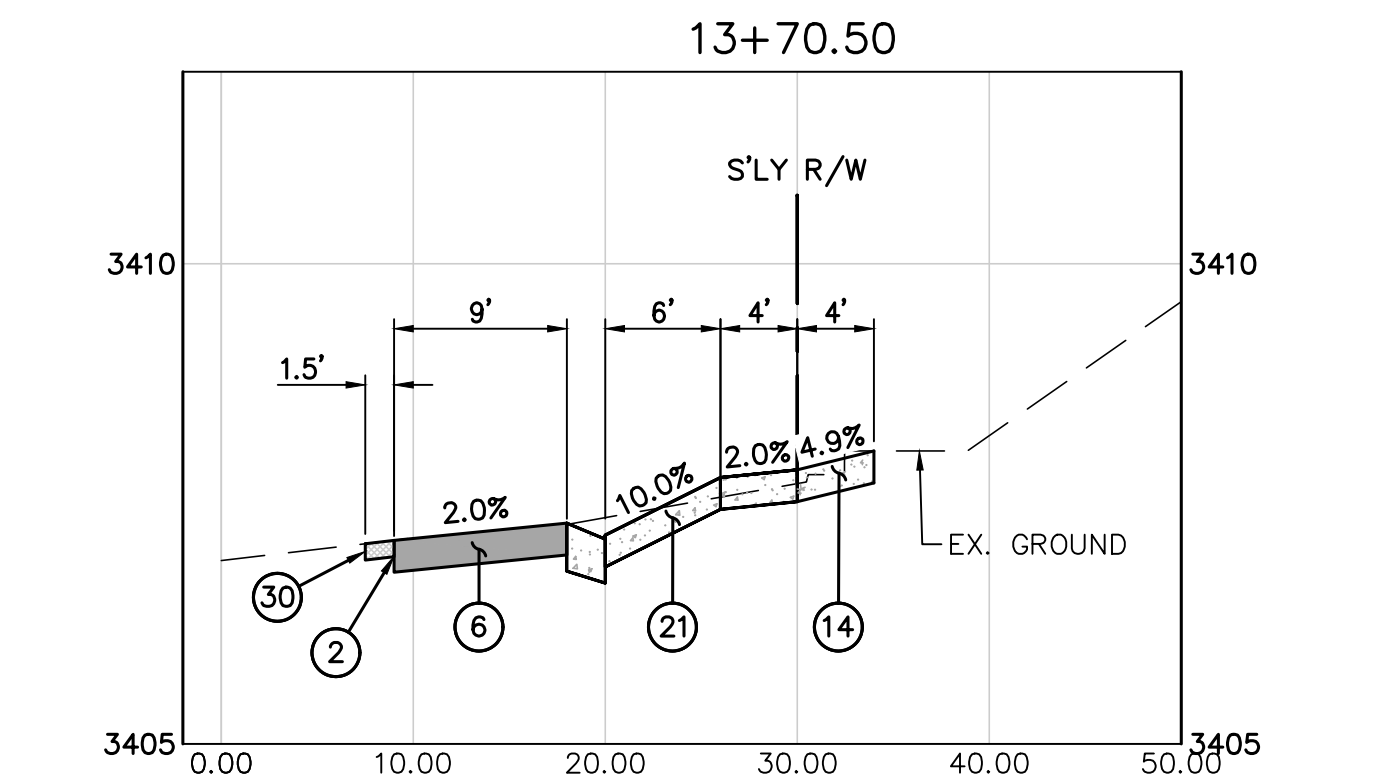
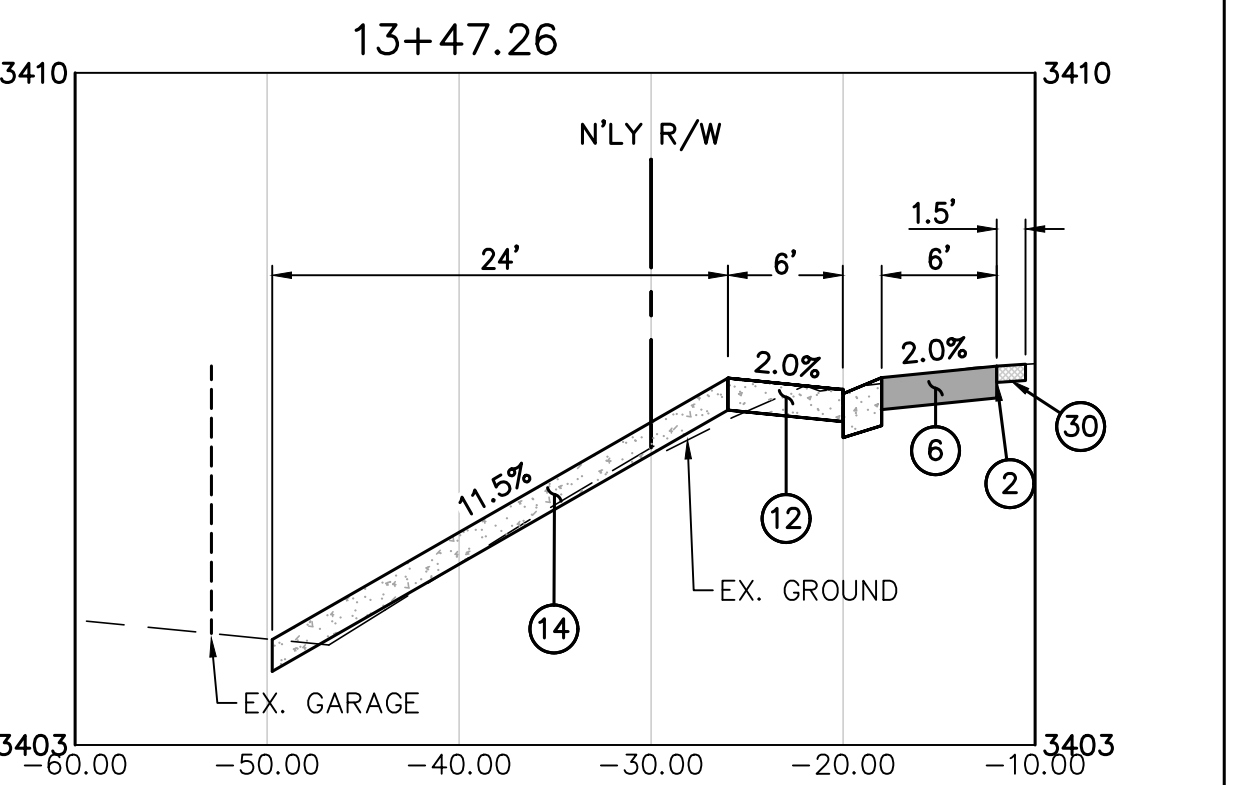
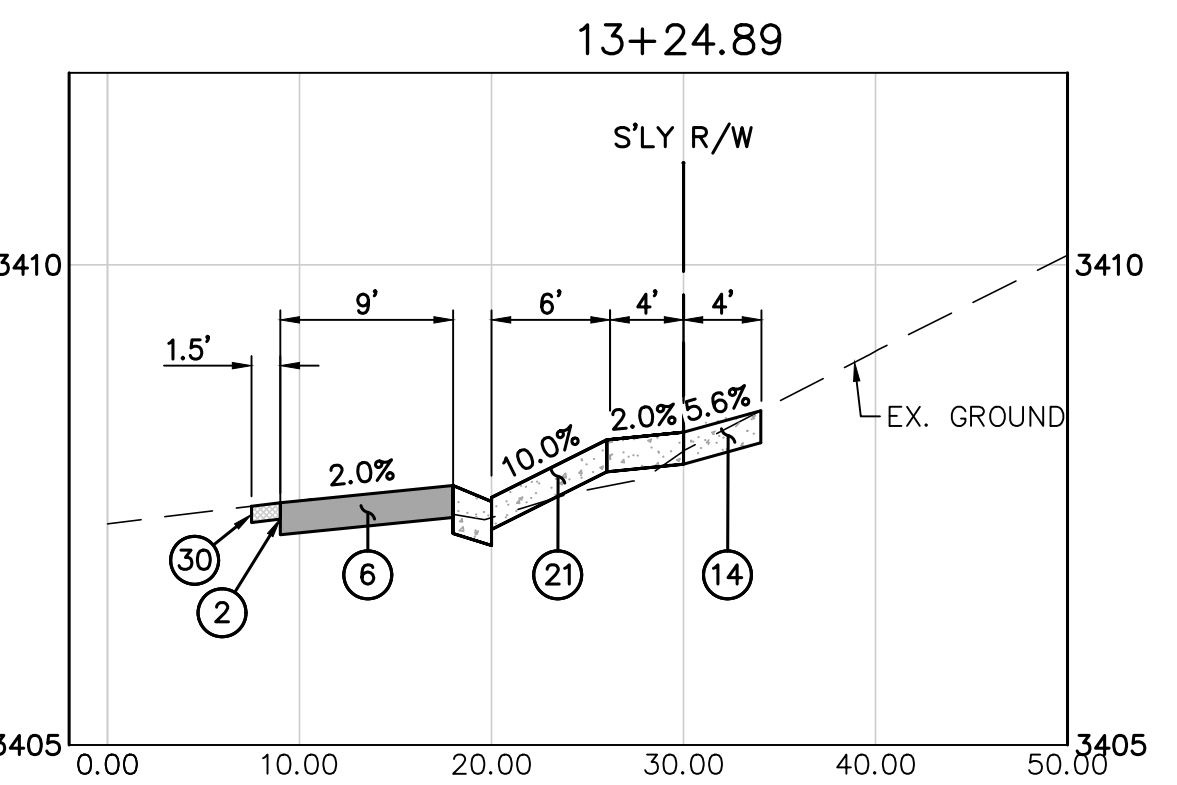
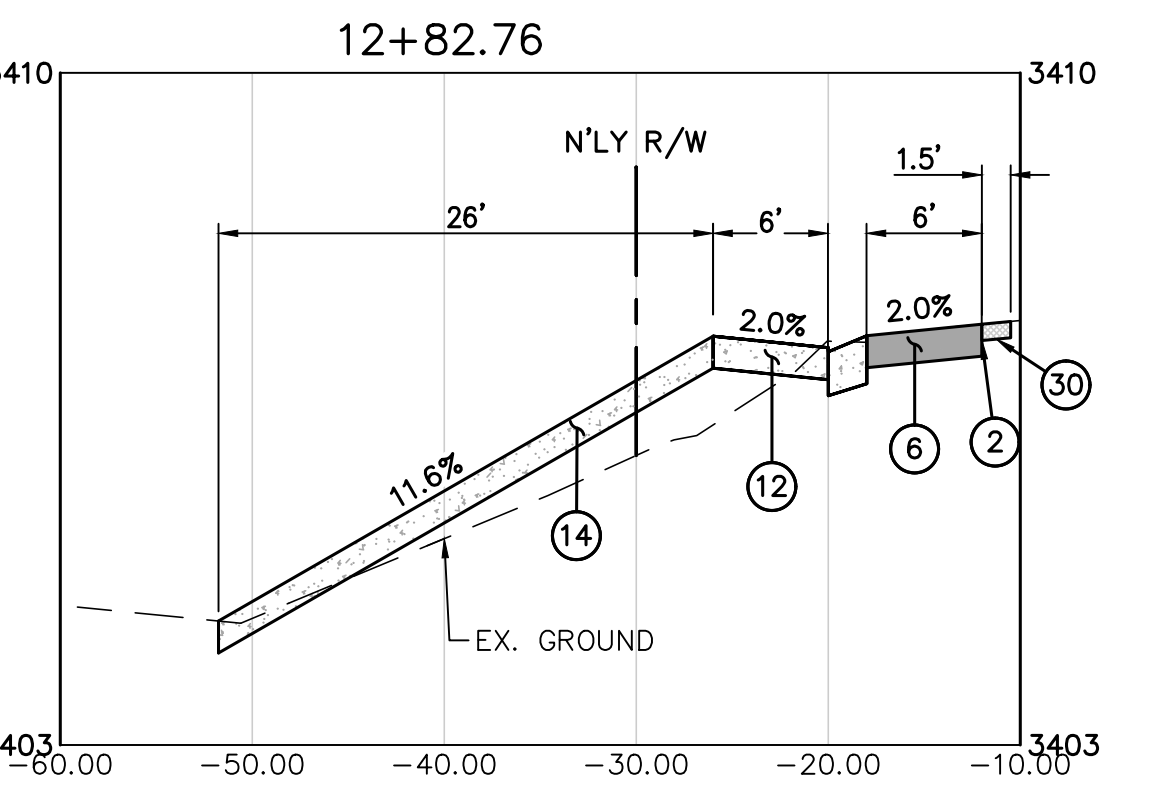
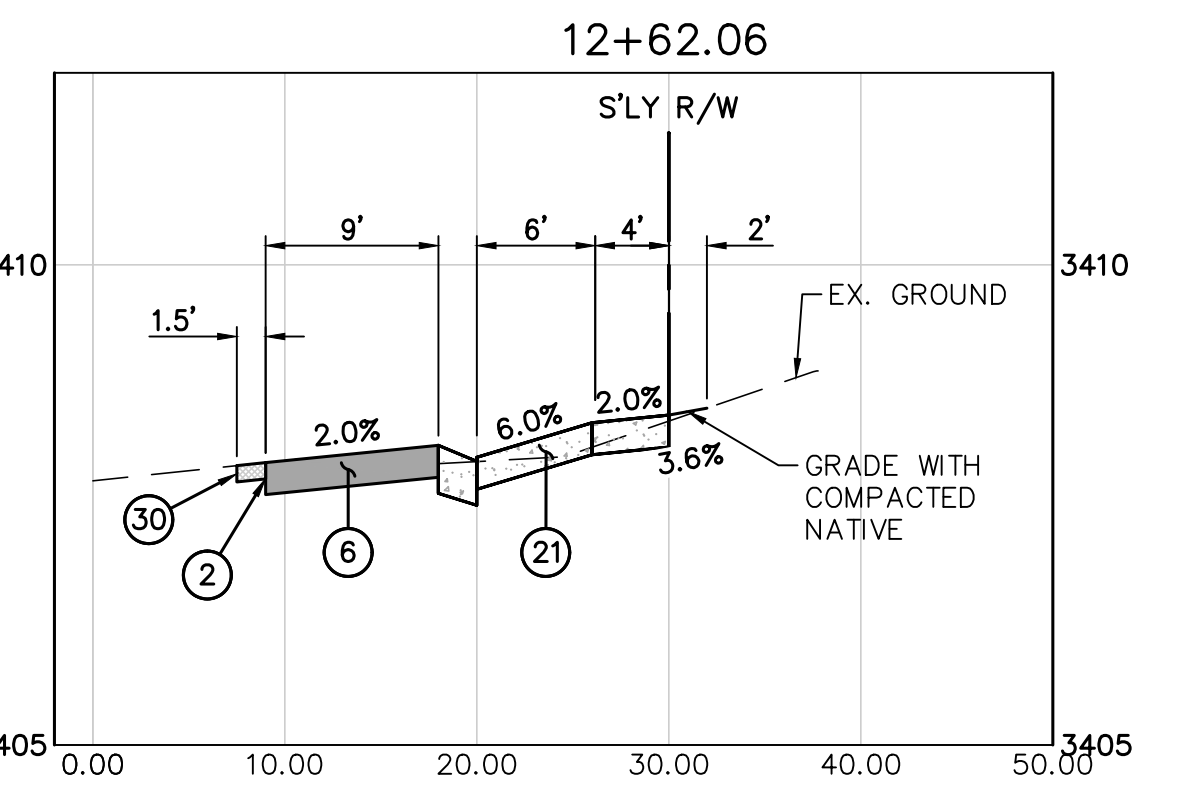
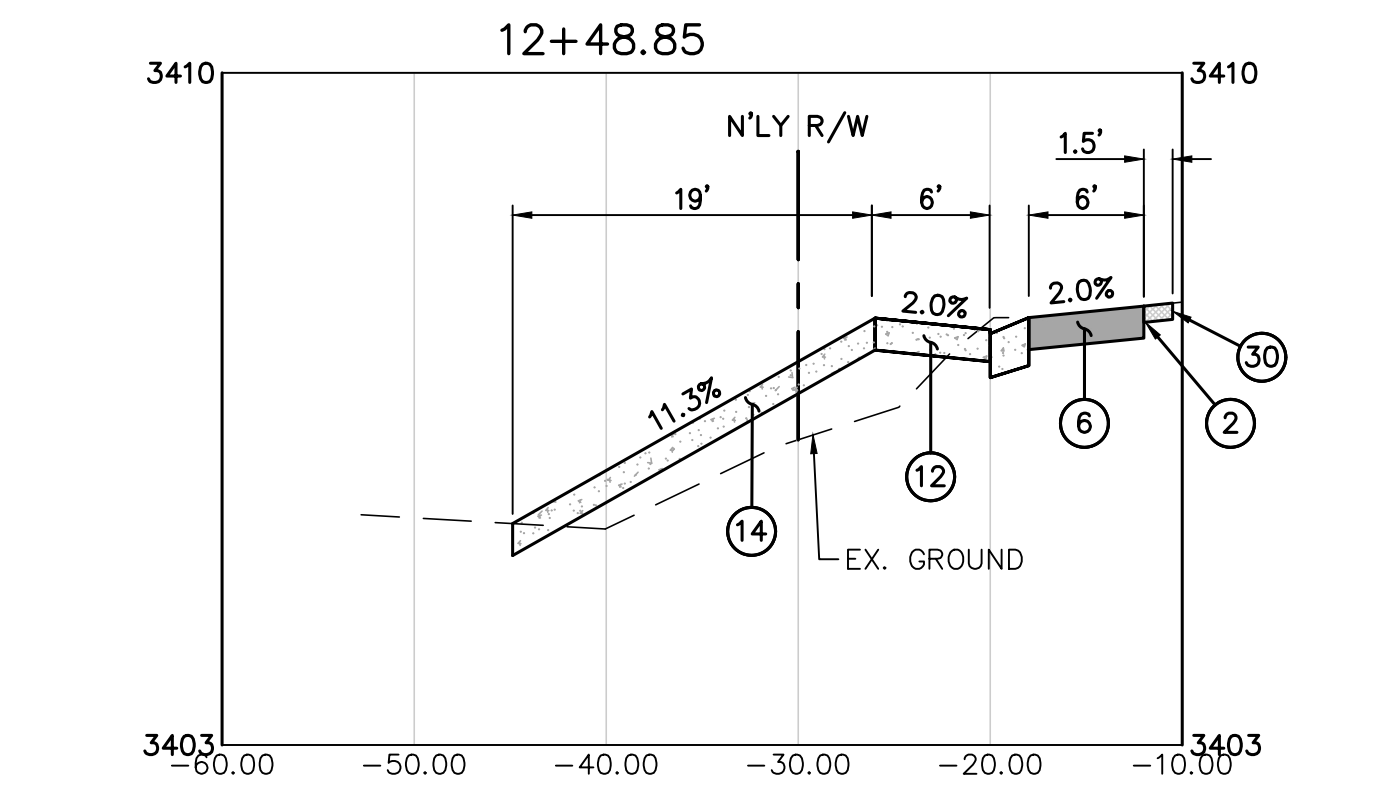
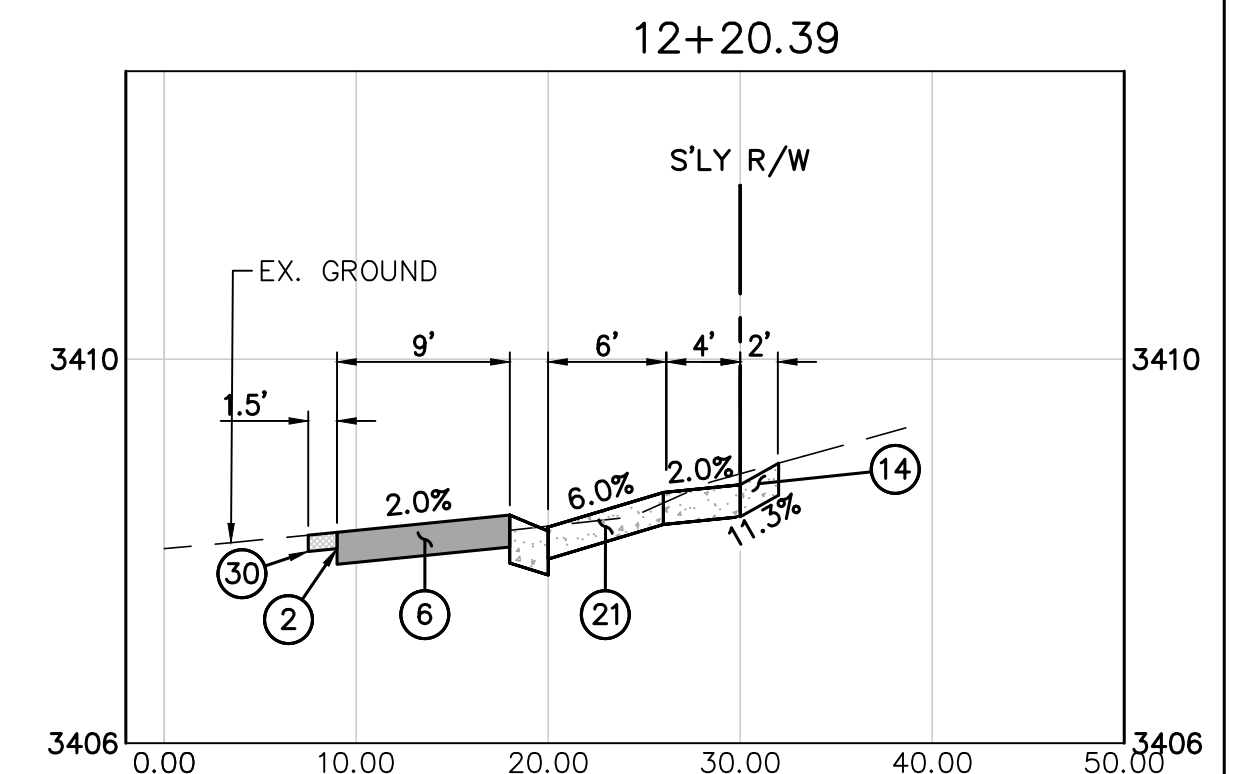
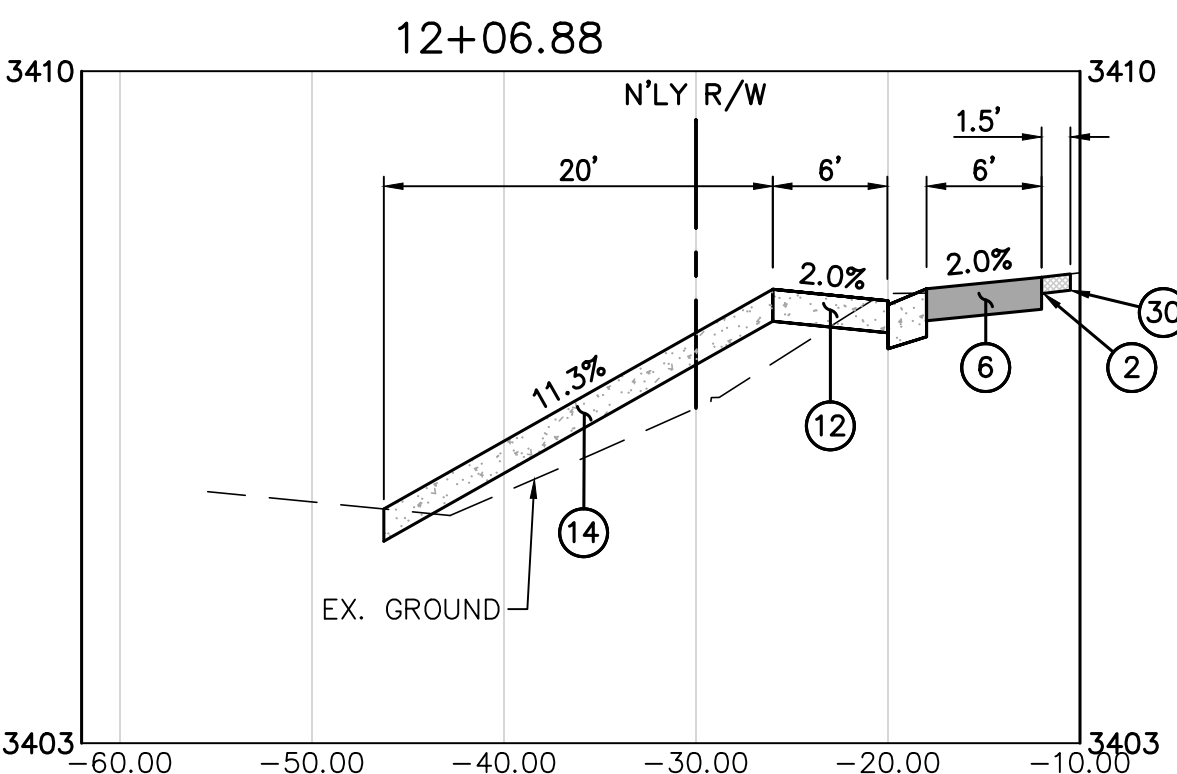
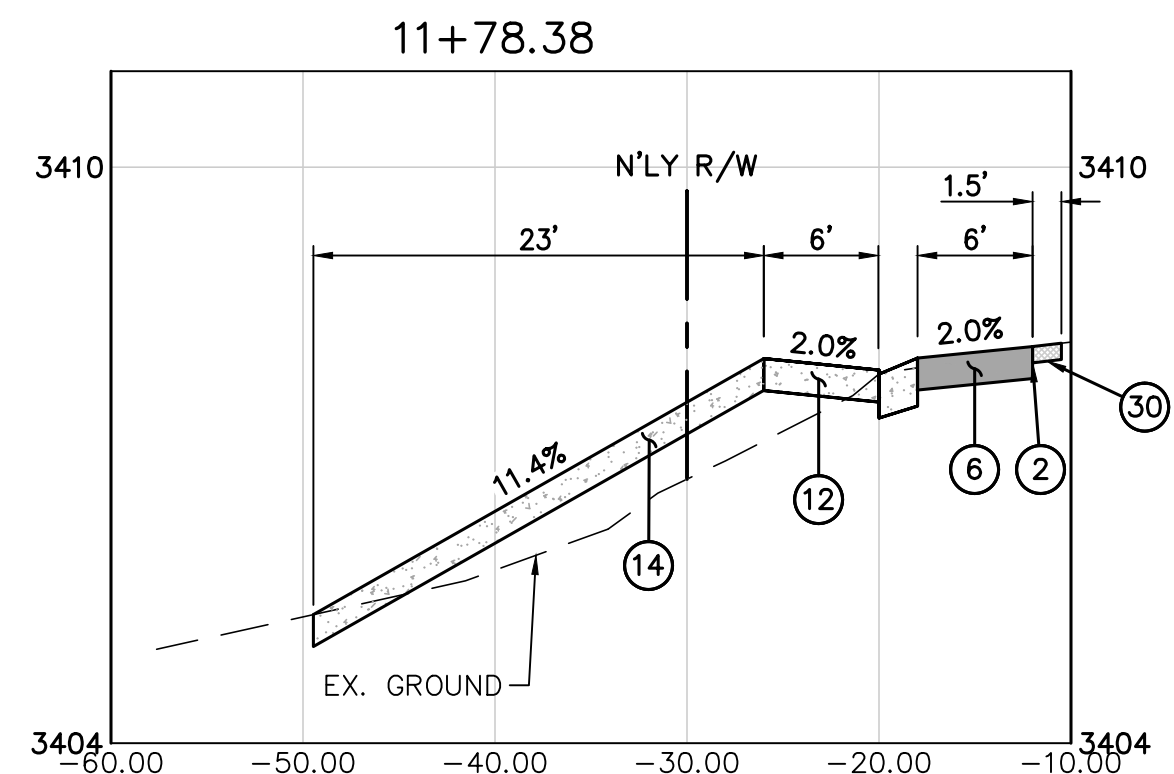
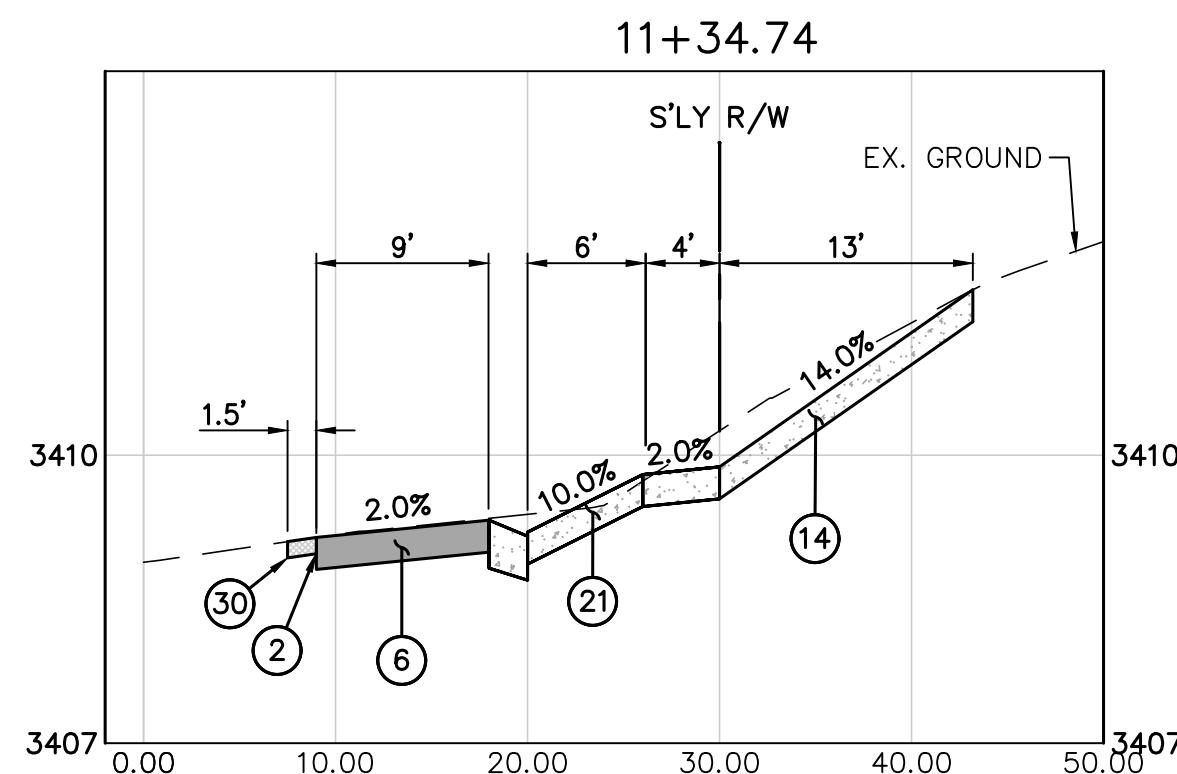
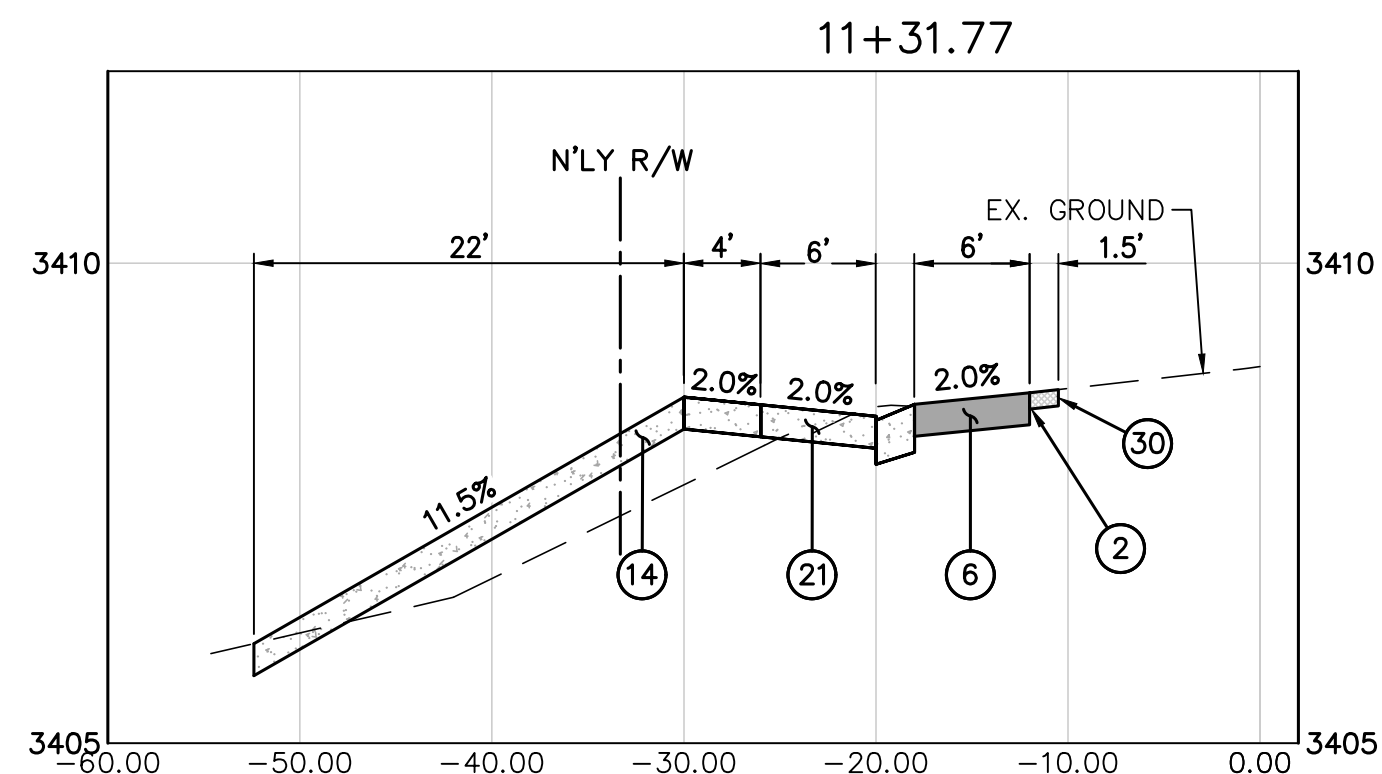


APPROVED BY: _____ DATE: _____
 ARMANDO BALDEZON, DIRECTOR OF PUBLIC WORKS
 RCE 70102 EXP. DATE 9/30/22

RECOMMENDED BY: _____

TOWN OF YUCCA VALLEY
 ONAGA TRAIL PEDESTRIAN IMPROVMENTS
 ACOMA TRAIL TO GRAND AVE
 STREET IMPROVEMENT STA 45+00 TO STA 53+00

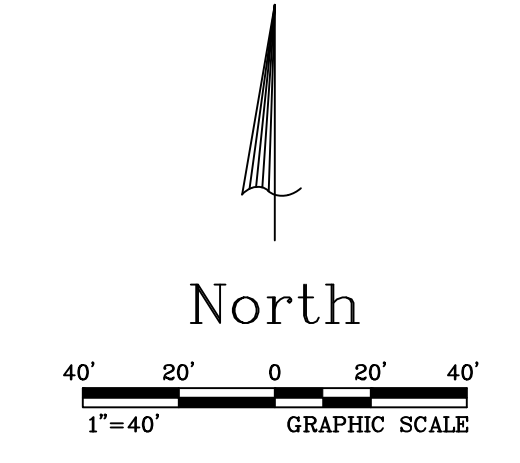
SHEET
 6
 OF 12 SHEETS
 DRAWING NO.



- LEGEND:**
- CONSTRUCT PCC
 - CONSTRUCT AC PAVEMENT
 - PROPOSED GRIND AND OVERLAY

- CONSTRUCTION NOTES**
- ② REMOVAL LIMIT. SAWCUT CONCRETE, ASPHALT, AND OTHER HARDSCAPE SURFACE AND REMOVE TO THE LIMITS SHOWN ON THIS PLAN. ALL REMOVALS SHALL BE DISPOSED OF BY THE CONTRACTOR, UNDER CLEARING AND GRUBBING.
 - ⑥ REMOVE EXISTING AND CONSTRUCT 4" MIN AC PAVEMENT OVER 12" OF 95% COMPACTED NATIVE SUBGRADE PER TOWN OF YUCCA VALLEY STANDARD PLAN 240.
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 - ⑰ CONSTRUCT 6" THICK PCC DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.
 - ⑳ GRIND AND OVERLAY EXISTING PAVEMENT WITH 0.17' AC MIN.

HORIZONTAL SCALE:
1" = 10'
VERTICAL SCALE:
1" = 2'



IMPORTANT NOTICE
Should a utility be located within the limits of any excavation, the contractor shall be responsible for its protection. If a utility is located within the limits of any excavation, the contractor shall be responsible for its protection. If a utility is located within the limits of any excavation, the contractor shall be responsible for its protection.
CALL TOLL FREE
TWO WORKING DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
811

BENCH MARK NO.
ELEVATIONS SHOWN HEREON ARE BASED UPON THE SMARTNET NORTH AMERICA C.O.R.S. CACT, ELEVATION 388.85 FEET (NAVD 88).

REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'D

KOA
PLANNING | ENGINEERING | CONSTRUCTION MANAGEMENT
PREPARED UNDER THE SUPERVISION OF:
MING GUAN, RCE 75793

3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

APPROVED BY:
ARMANDO BALDEZON, DIRECTOR OF PUBLIC WORKS
RCE 70102 EXP. DATE 9/30/22

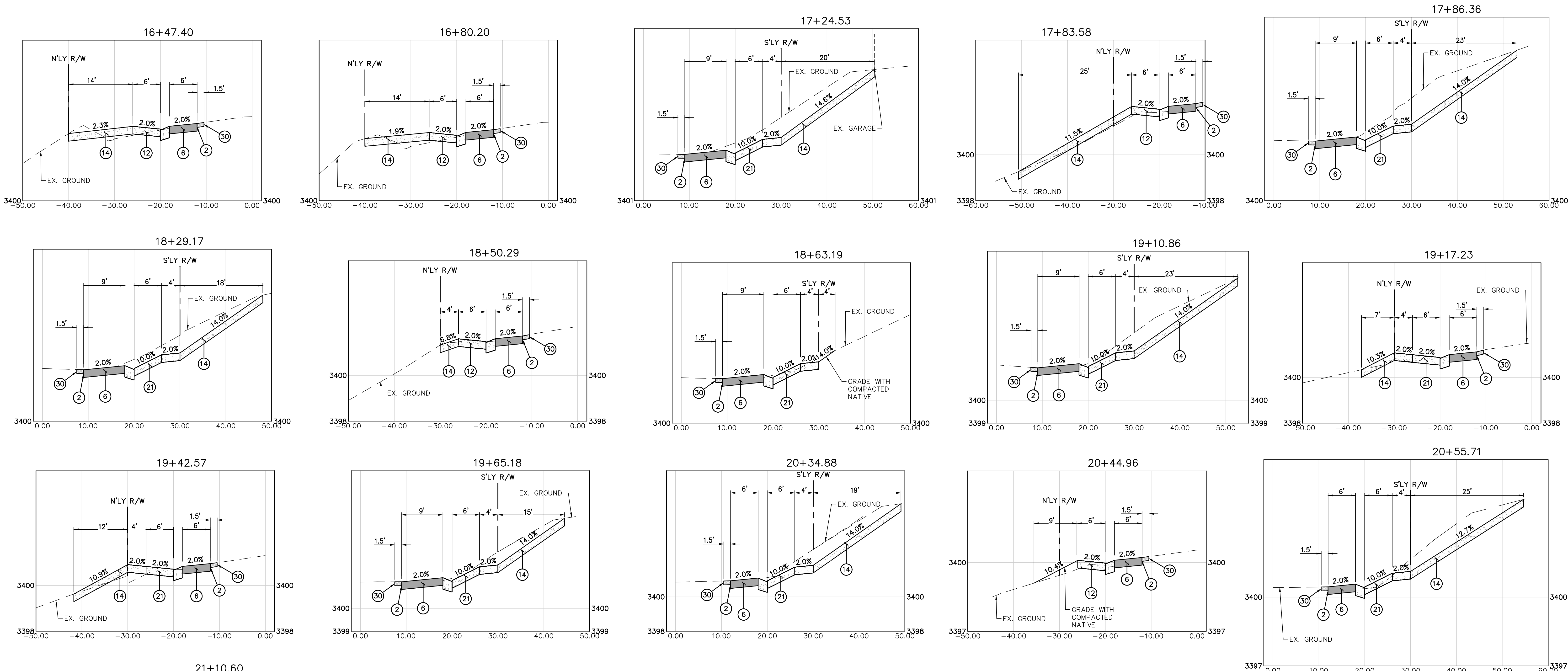
RECOMMENDED BY:

TOWN OF YUCCA VALLEY
ONAGA TRAIL PEDESTRIAN IMPROVMENTS
ACOMA TRAIL TO GRAND AVE
DRIVEWAY CROSS SECTIONS STA. 11+31.77 TO STA. 15+94.52

TOWN OF YUCCA VALLEY
ONAGA TRAIL PEDESTRIAN IMPROVMENTS
ACOMA TRAIL TO GRAND AVE
DRIVEWAY CROSS SECTIONS STA. 11+31.77 TO STA. 15+94.52

SHEET 7 OF 12 SHEETS
DRAWING NO.

95% SUBMITTAL

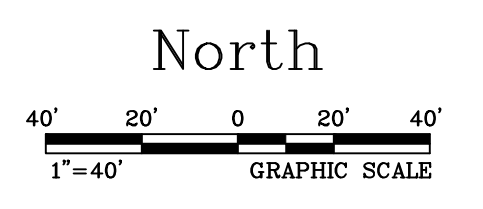


LEGEND:

- CONSTRUCT PCC
- CONSTRUCT AC PAVEMENT
- PROPOSED GRIND AND OVERLAY

HORIZONTAL SCALE:
1" = 10'
VERTICAL SCALE:
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 - ⑳ GRIND AND OVERLAY EXISTING PAVEMENT WITH 0.17" AC MIN.



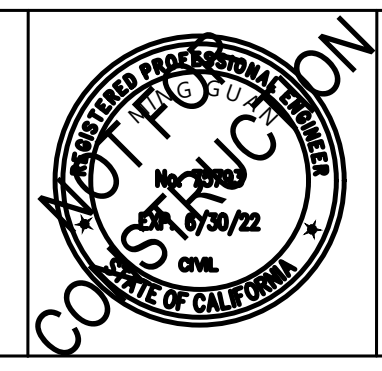
IMPORTANT NOTICE
Should a utility of the International Brotherhood of Electrical Workers be located in the area shown on this plan, the contractor shall be responsible for its location and protection. All work shall be done in accordance with the applicable codes and standards. For more information, call 811.
CALL TOLL FREE
TWO WORKING DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
811

BENCH MARK NO.
ELEVATIONS SHOWN HEREON ARE BASED UPON THE SMARTNET NORTH AMERICA C.O.R.S. CACT, ELEVATION 388.85 FEET (NAVD 88).

REVISIONS					
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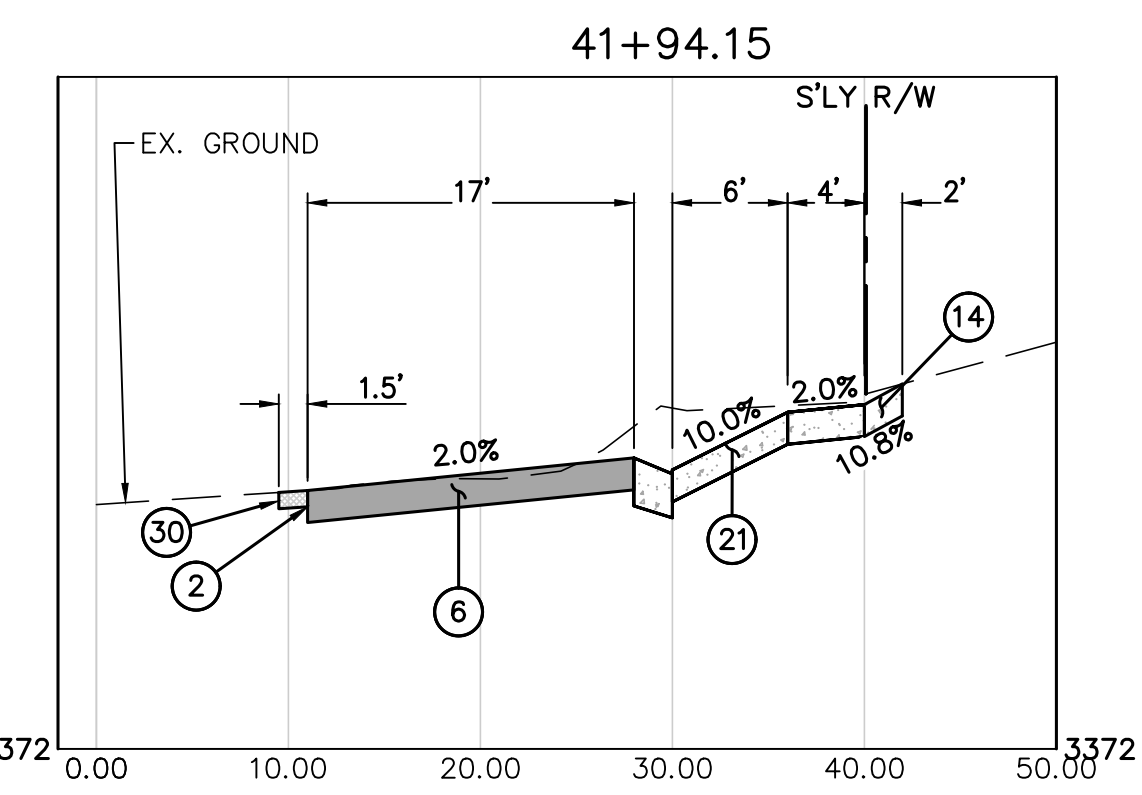
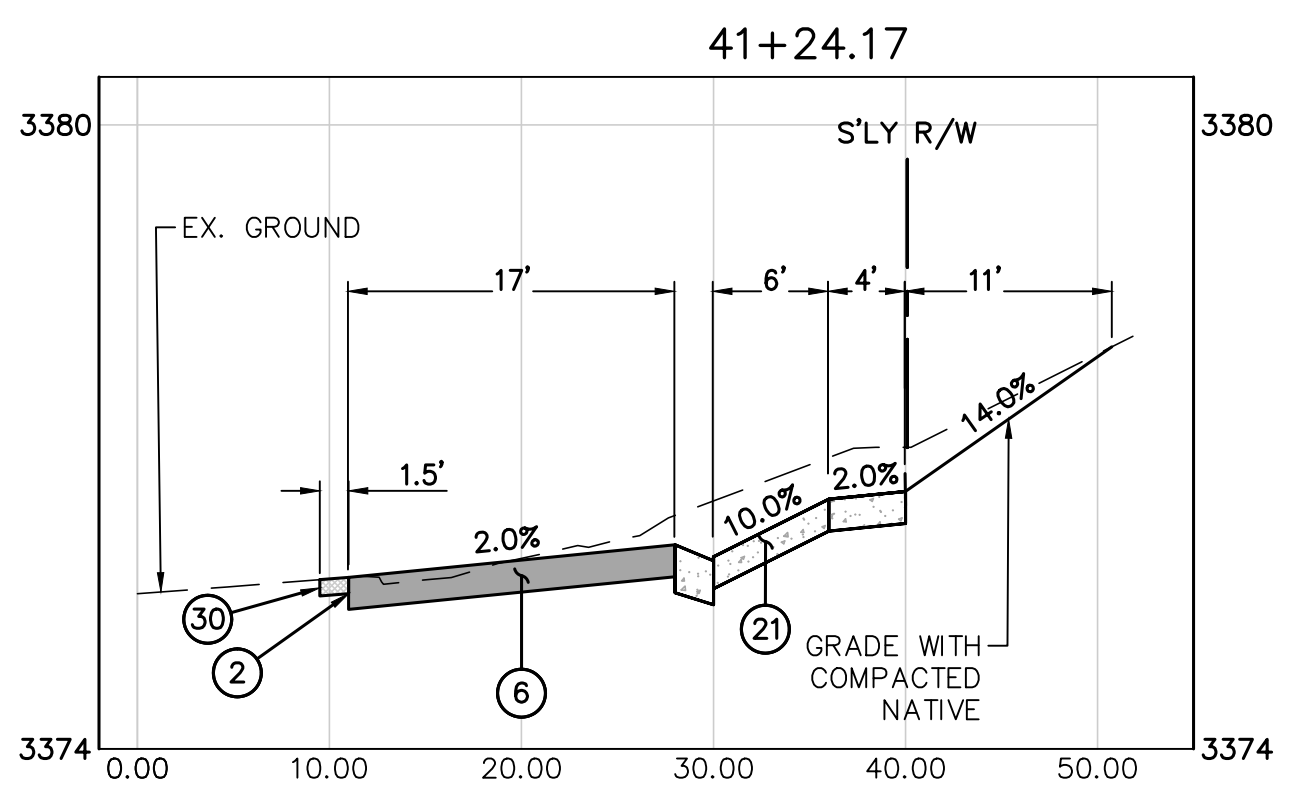
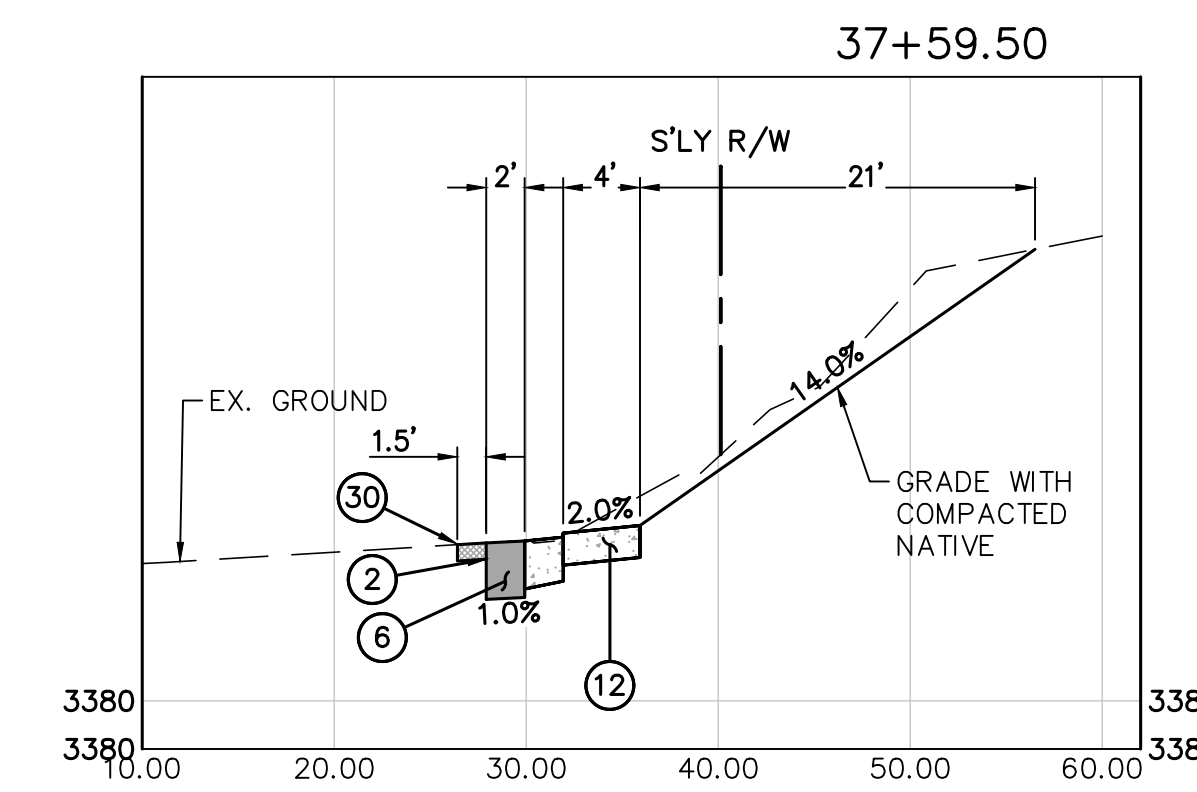
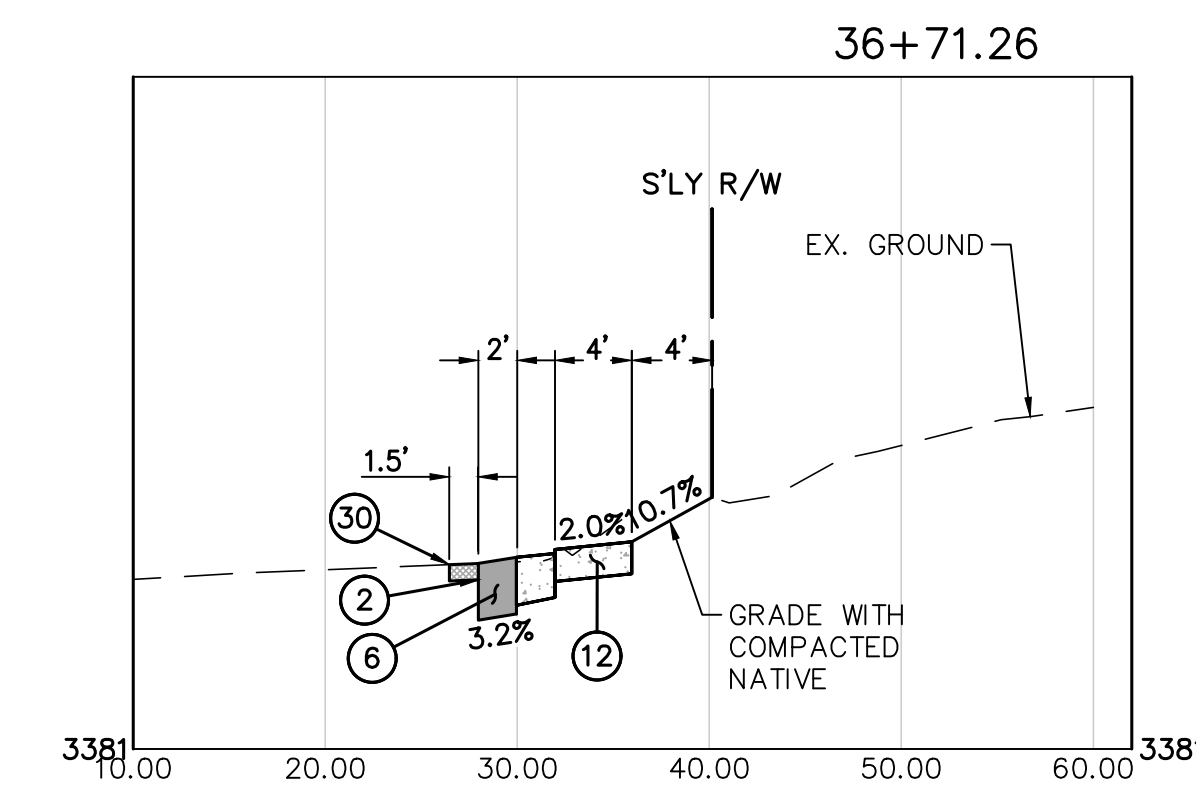
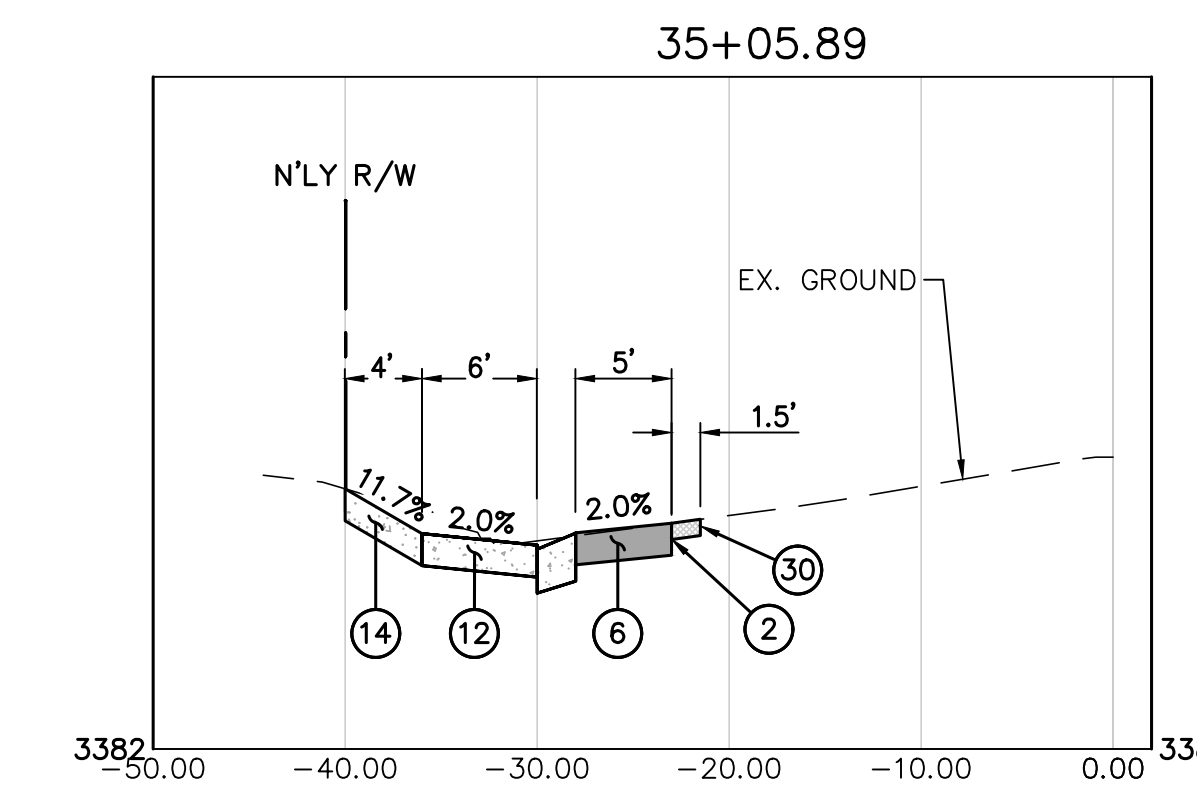
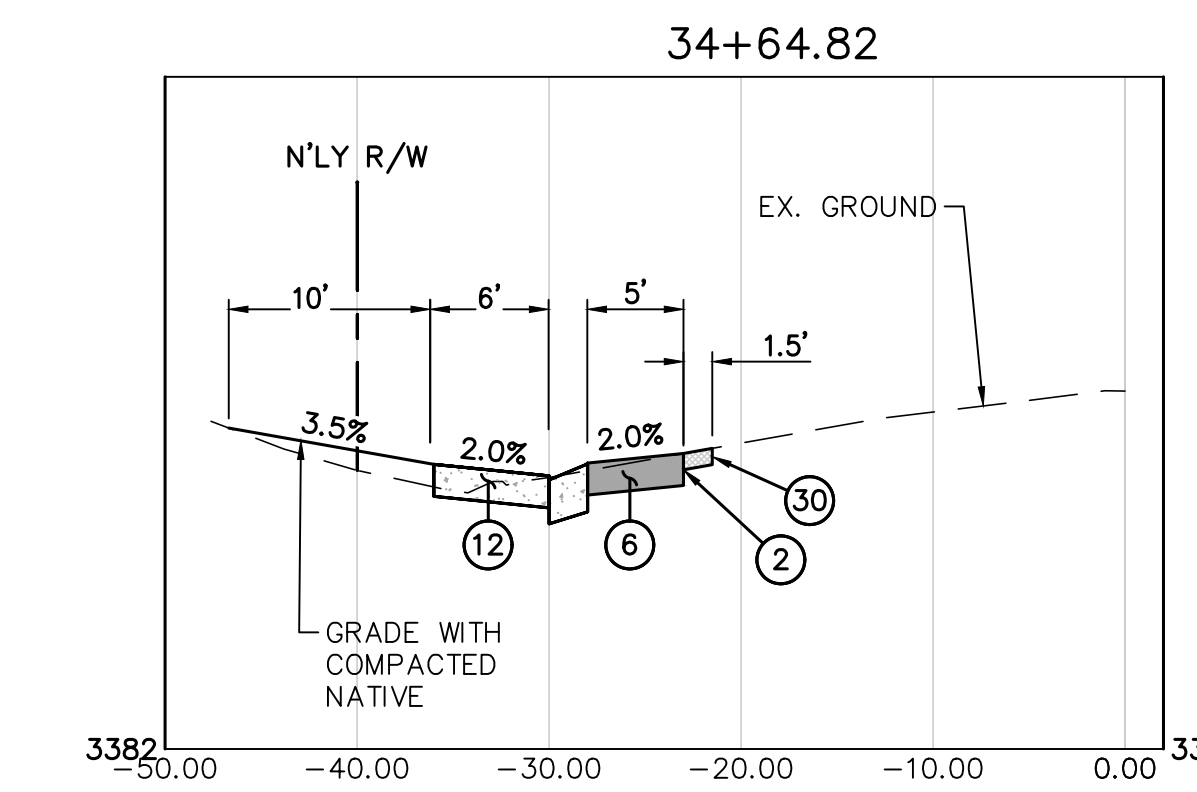
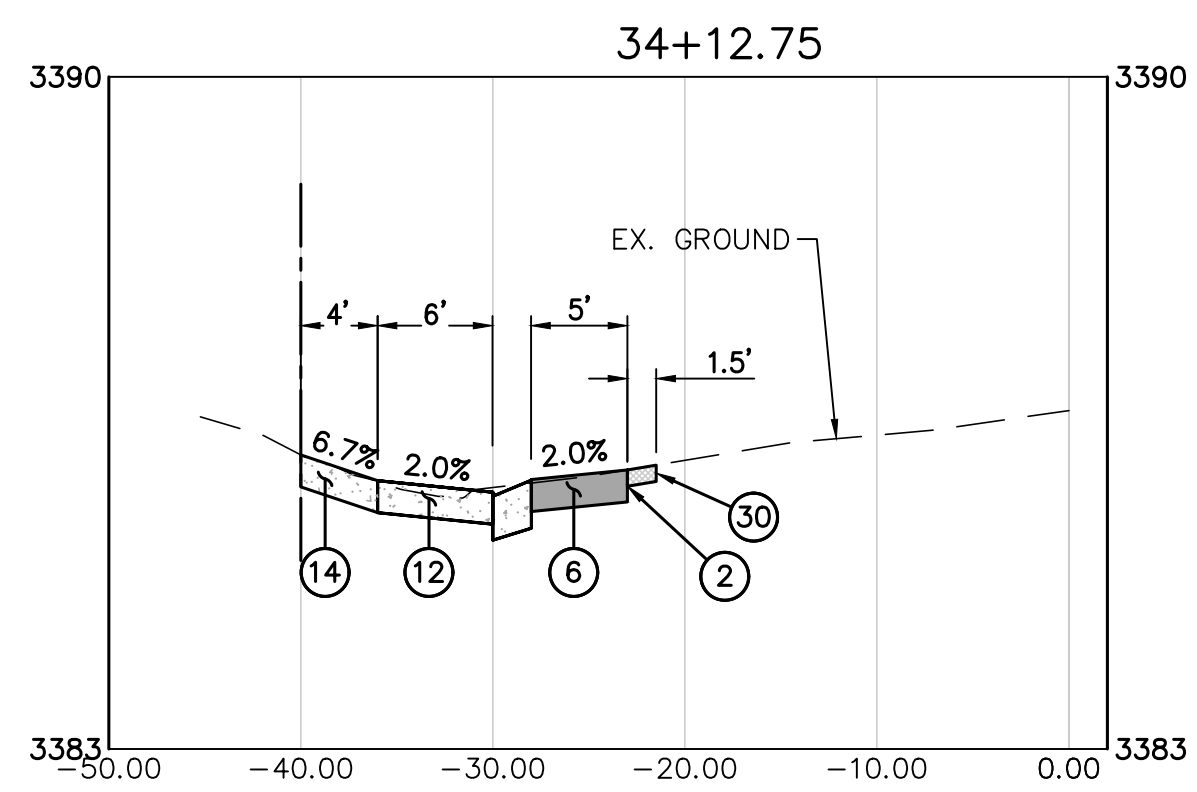
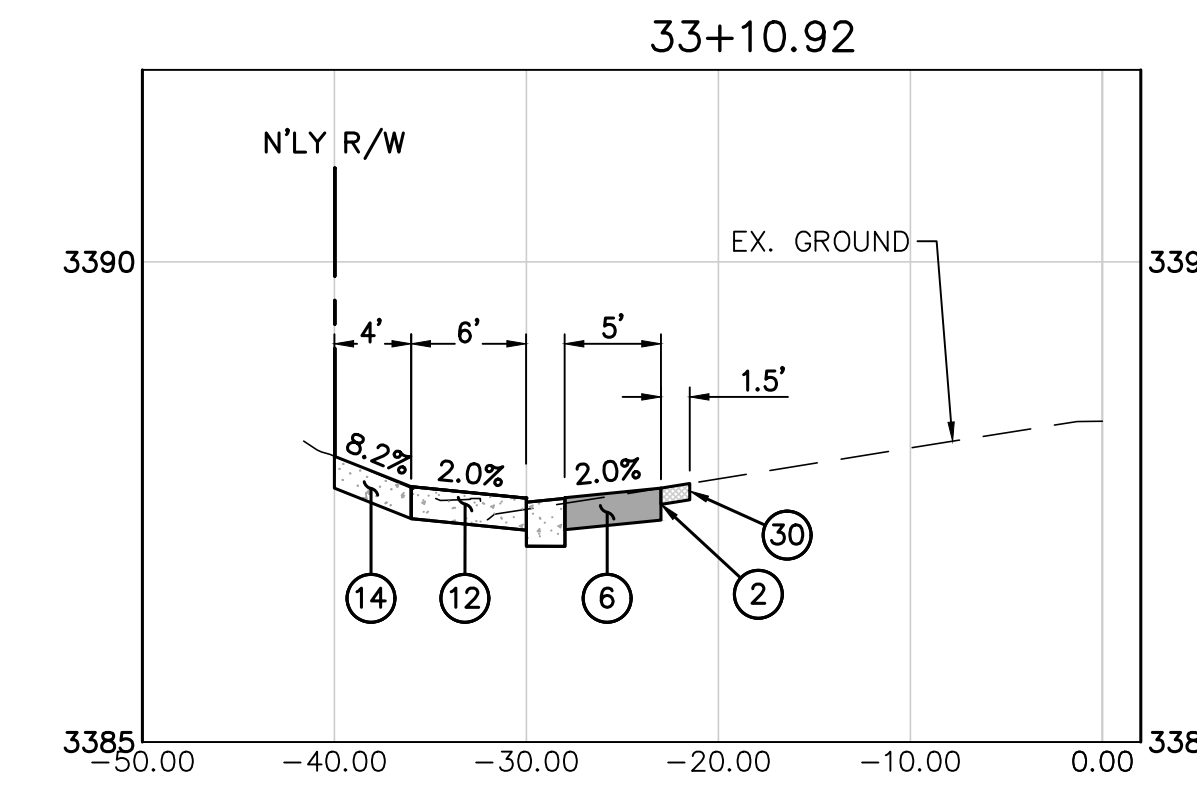
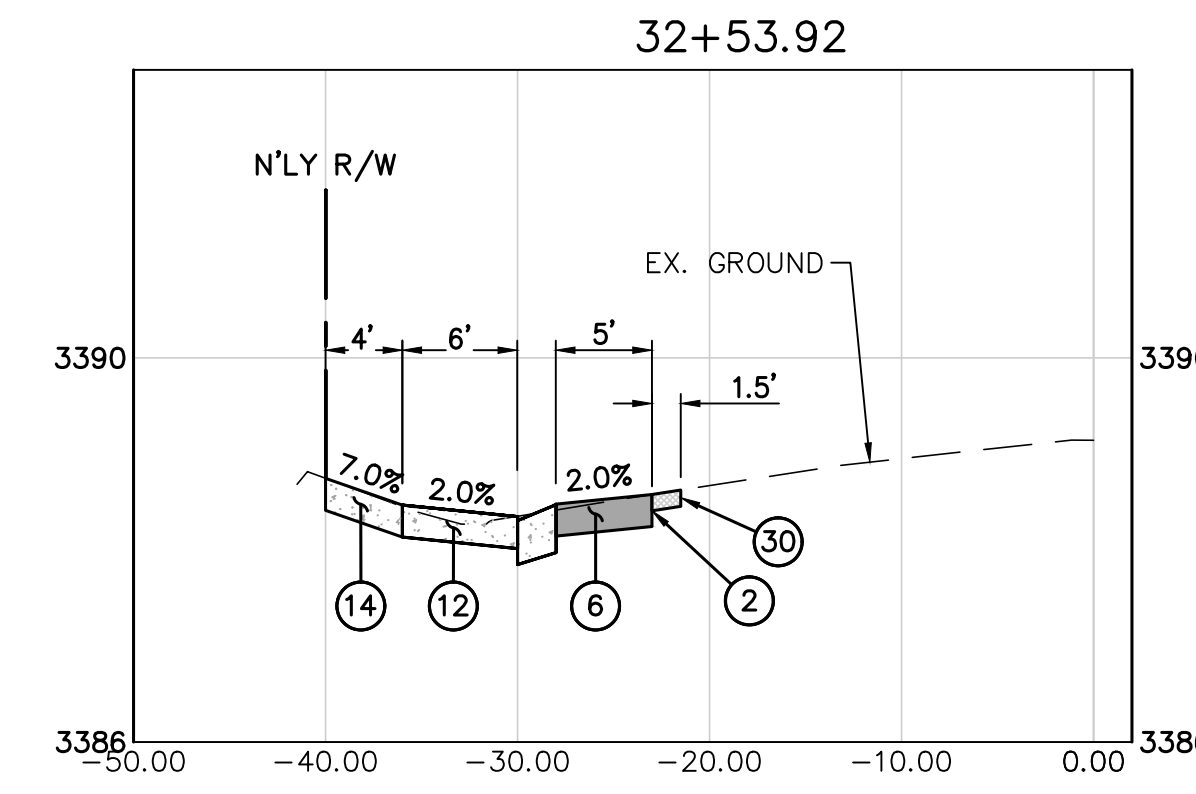
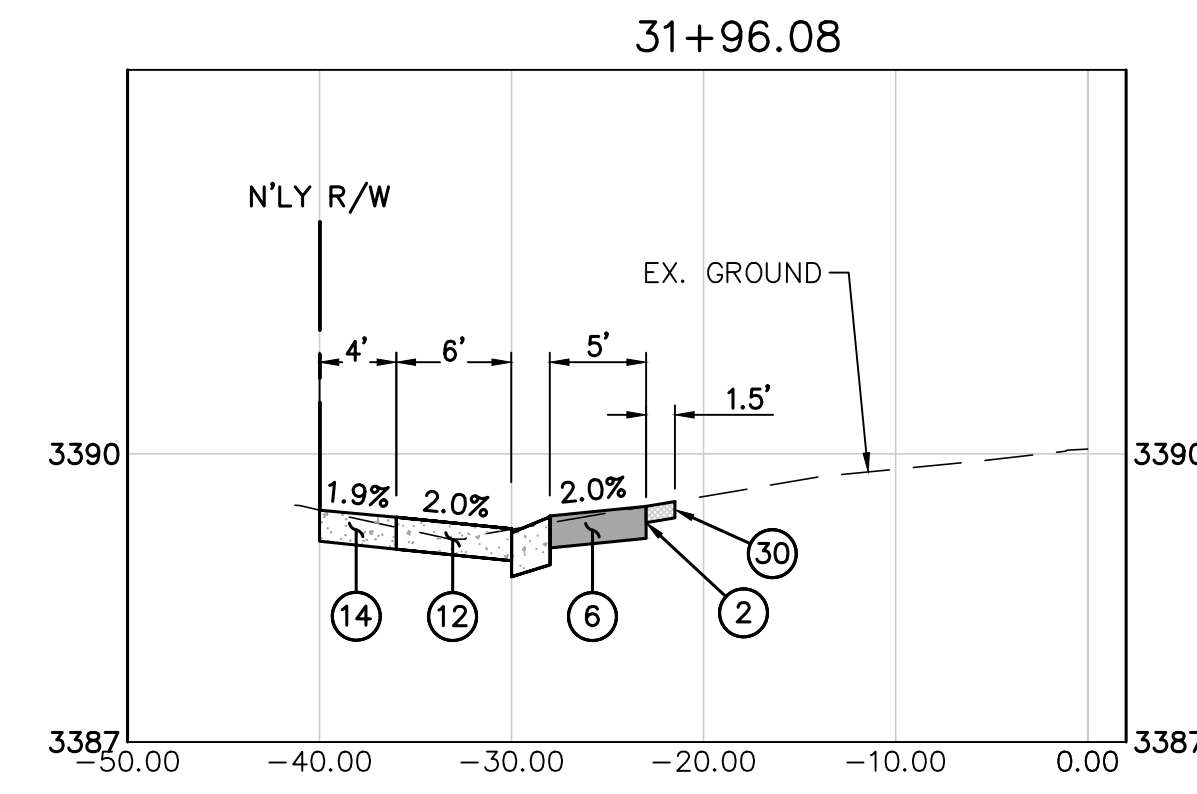
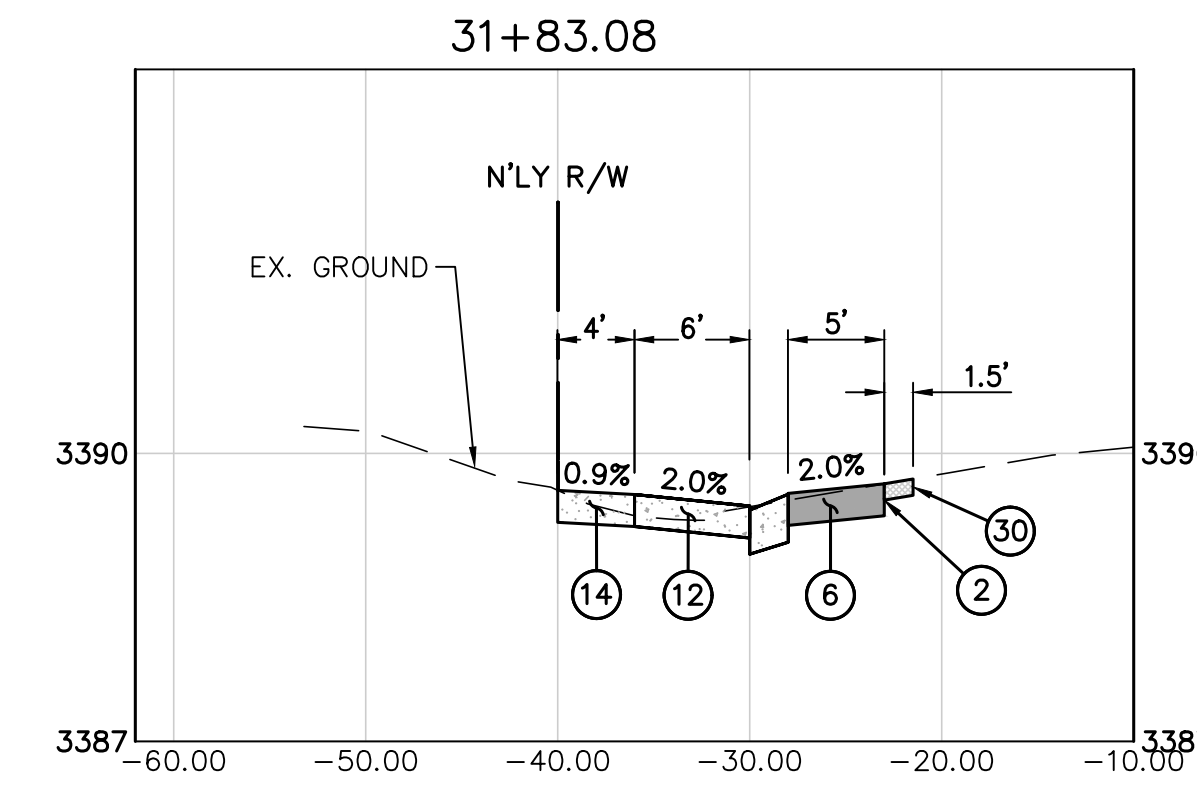
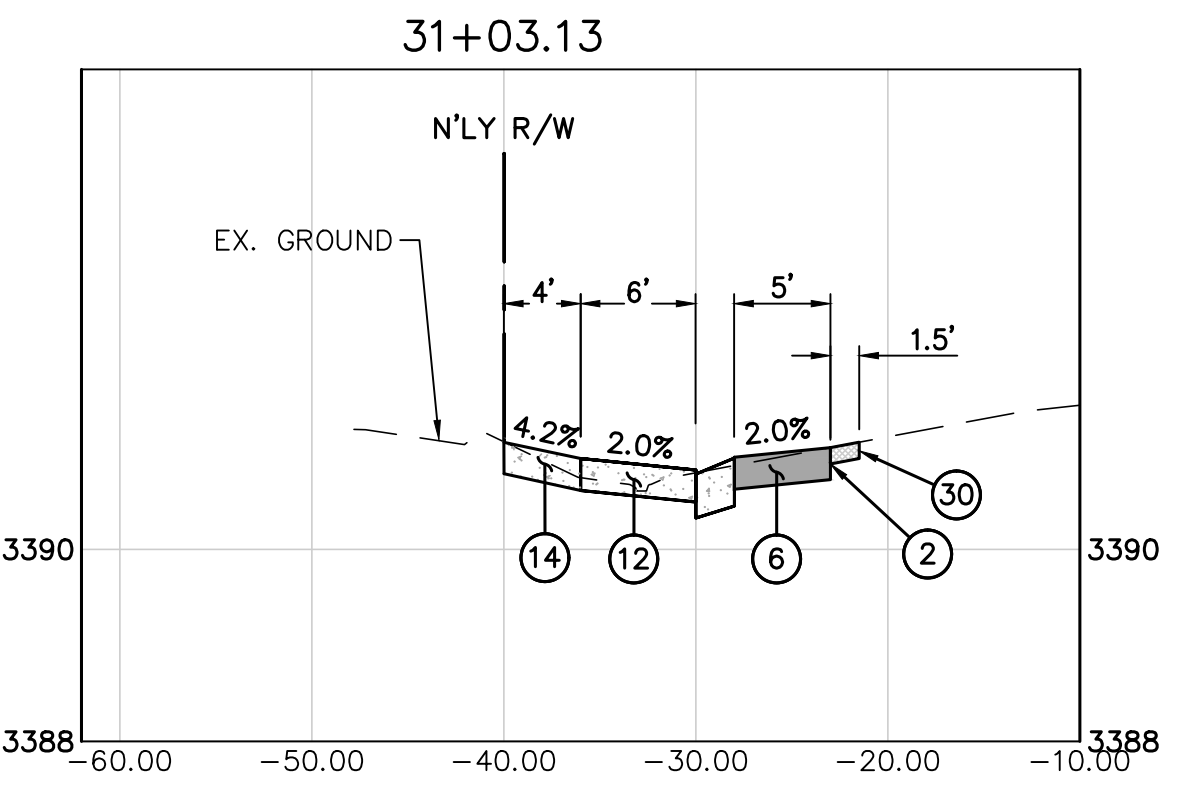
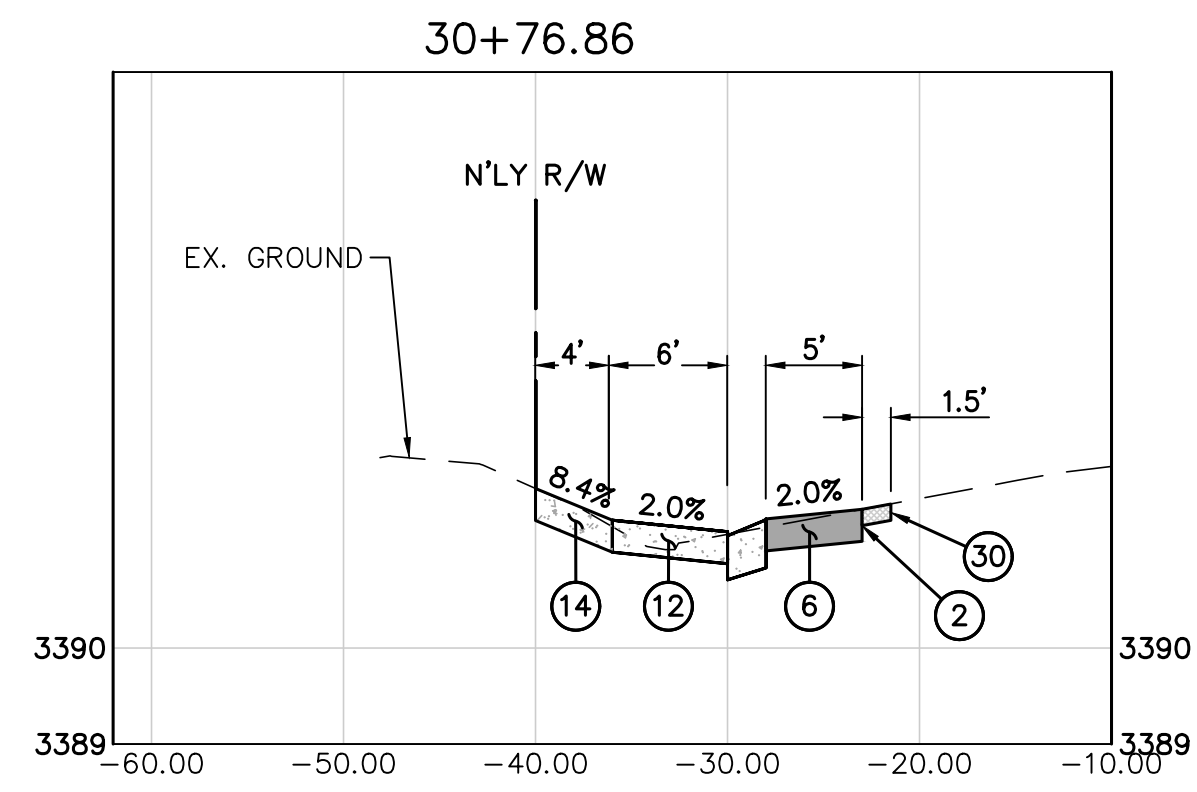
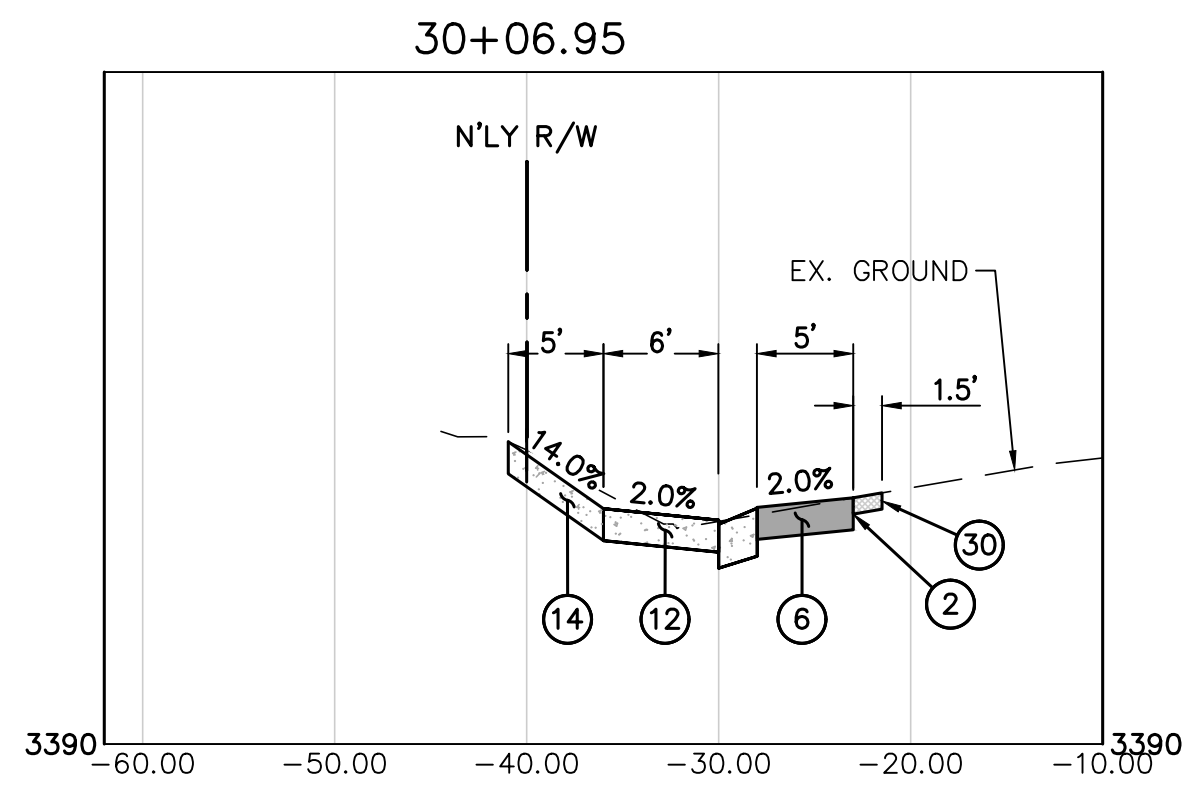
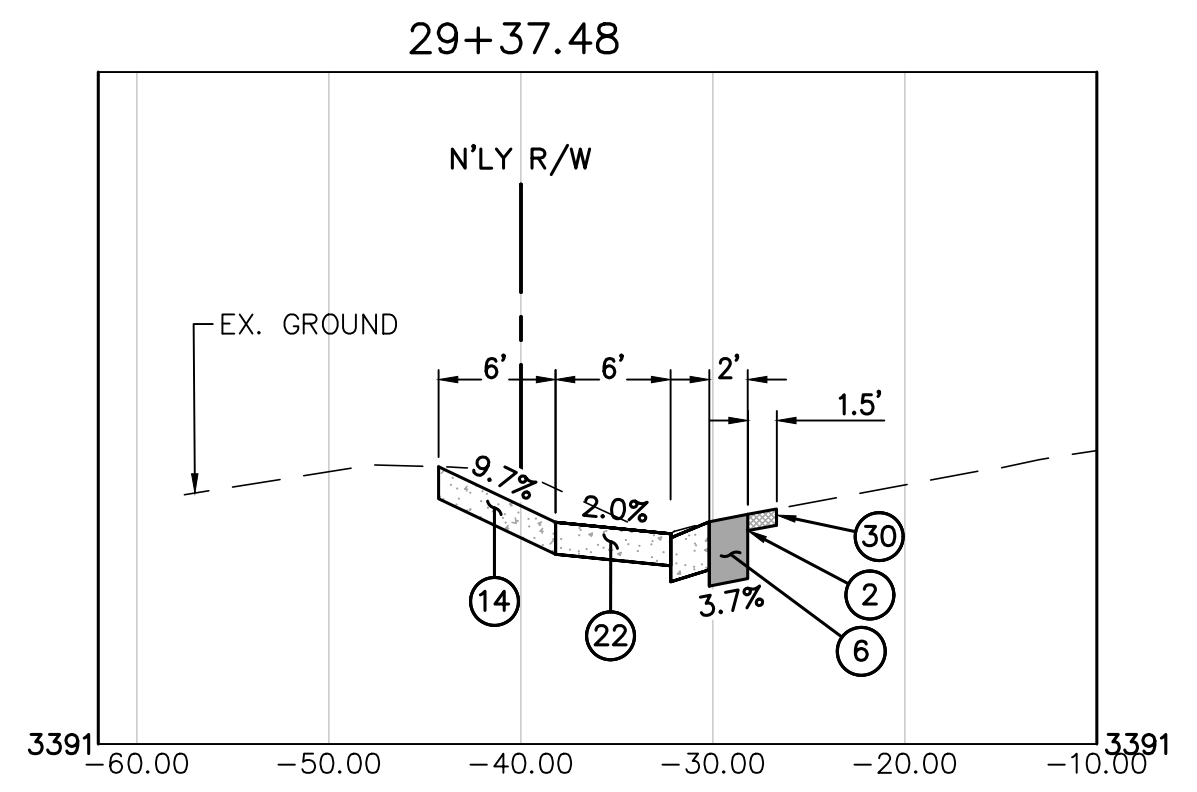
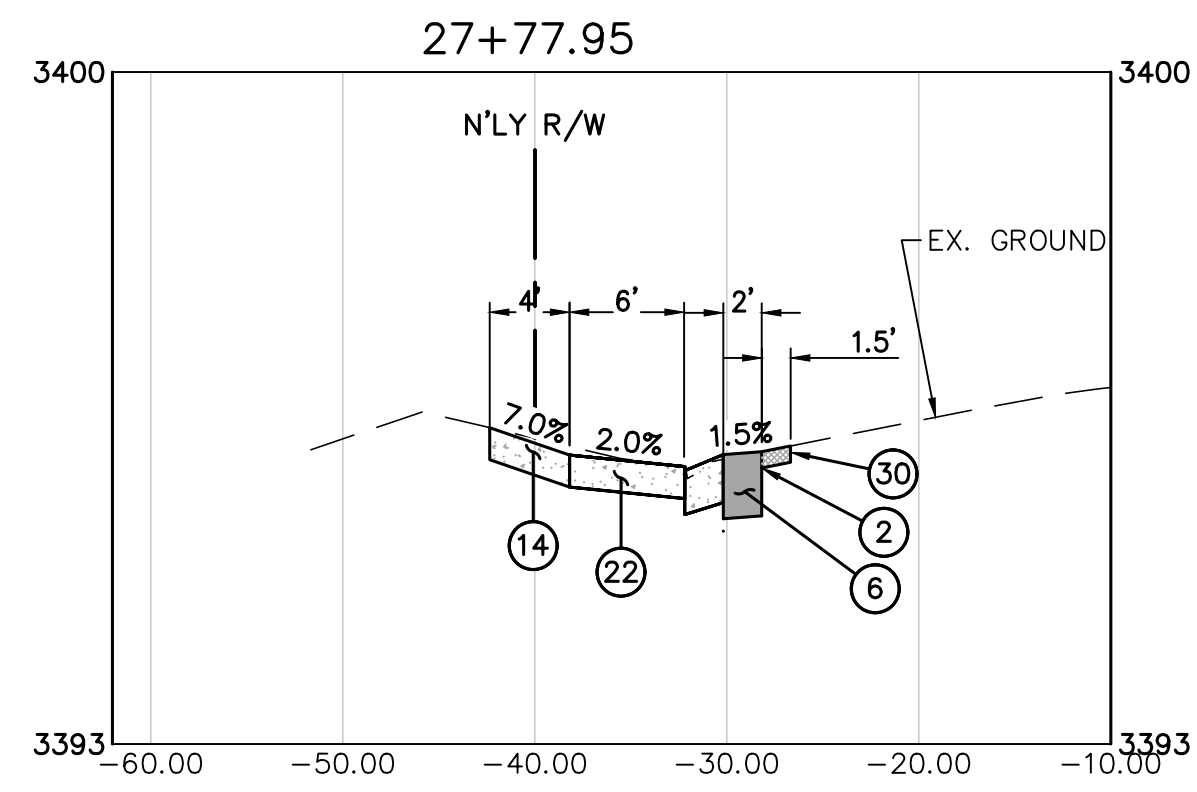
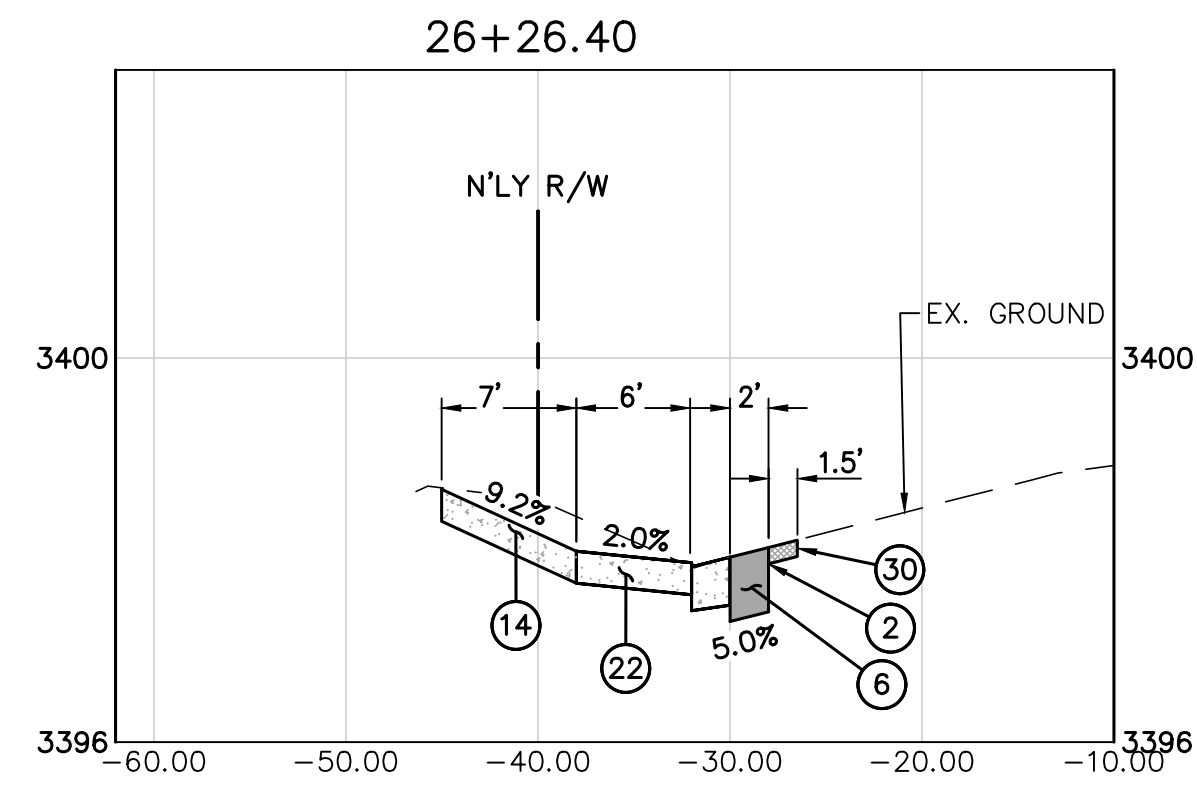


APPROVED BY:
ARMANDO BALDIZZONE, DIRECTOR OF PUBLIC WORKS
RCE 70102 EXP. DATE 9/30/22

RECOMMENDED BY:

TOWN OF YUCCA VALLEY
ONAGA TRAIL PEDESTRIAN IMPROVMENTS
ACOMA TRAIL TO GRAND AVE
DRIVEWAY CROSS SECTIONS STA. 16+47.40 TO STA. 24+44.19

SHEET
8
OF 12 SHEETS
DRAWING NO.

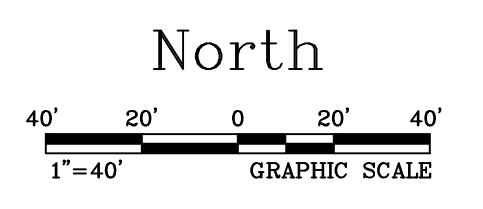


LEGEND:

- CONSTRUCT PCC
- CONSTRUCT AC PAVEMENT
- PROPOSED GRIND AND OVERLAY

HORIZONTAL SCALE:
1" = 10'
VERTICAL SCALE:
1" = 2'

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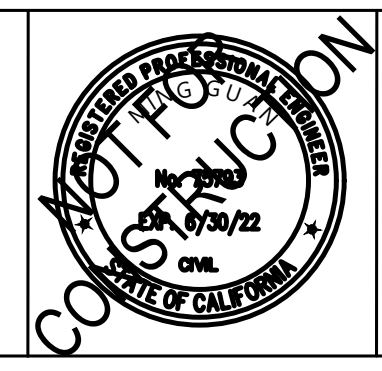
IMPORTANT NOTICE
 Double check location of this information. Call before you dig. Call toll free 811. Two working days before you dig. UNDERGROUND SERVICE ALERT.

BENCH MARK NO.
 ELEVATIONS SHOWN HEREON ARE BASED UPON THE SMARTNET NORTH AMERICA C.O.R.S. CACT, ELEVATION 388.85 FEET (NAVD 88).

REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'D

KOA
 PLANNING | ENGINEERING | CONSTRUCTION MANAGEMENT
 PREPARED UNDER THE SUPERVISION OF:
 MING GUAN, RCE 75793

3190 C SHELBY STREET
 ONTARIO, CALIFORNIA 91764
 Tel: (909) 890-9693 Fax: (909) 890-9694

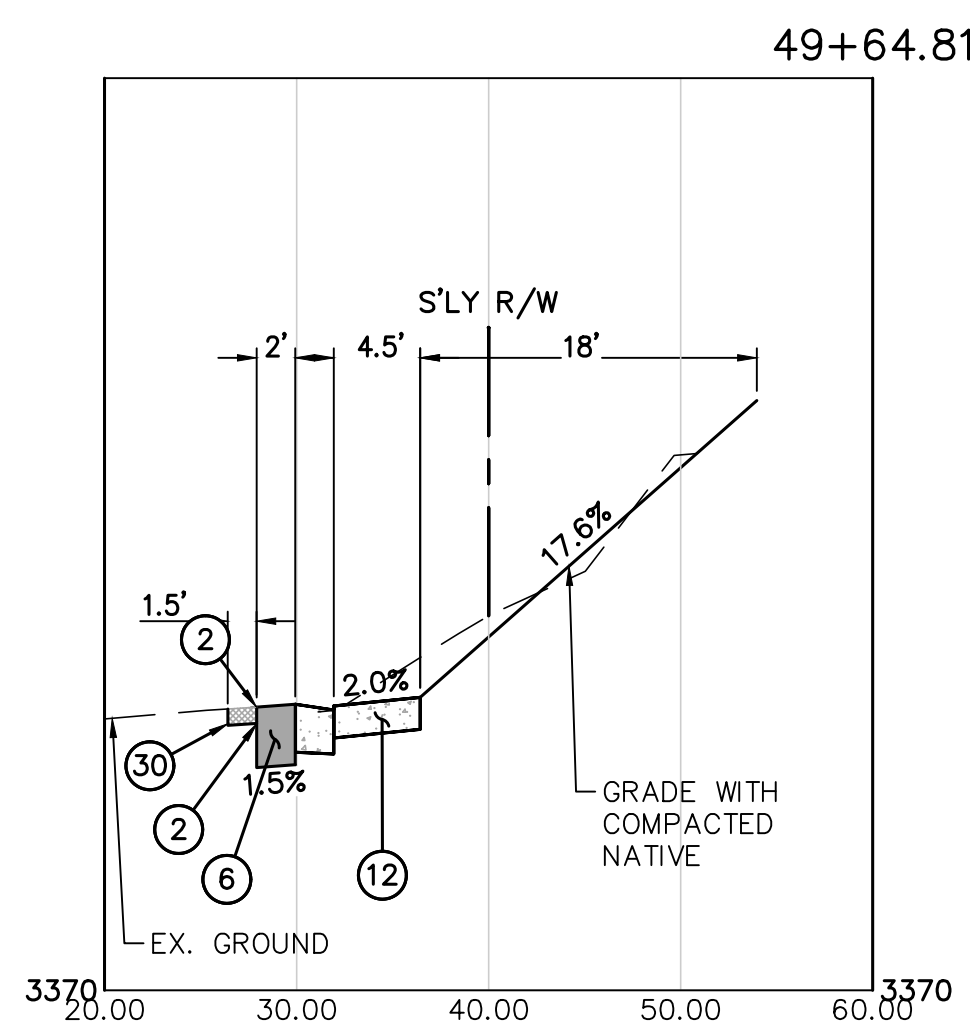
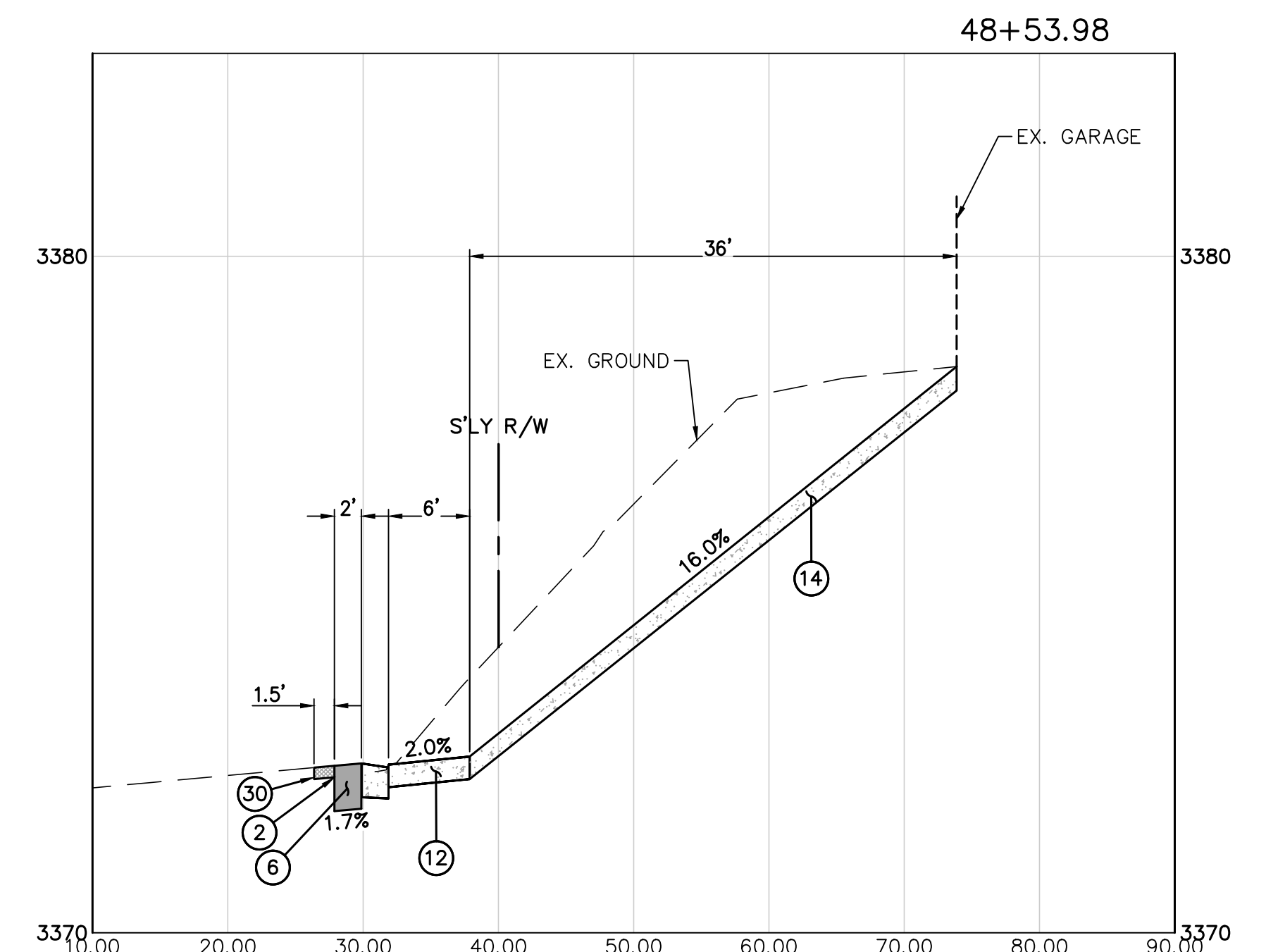
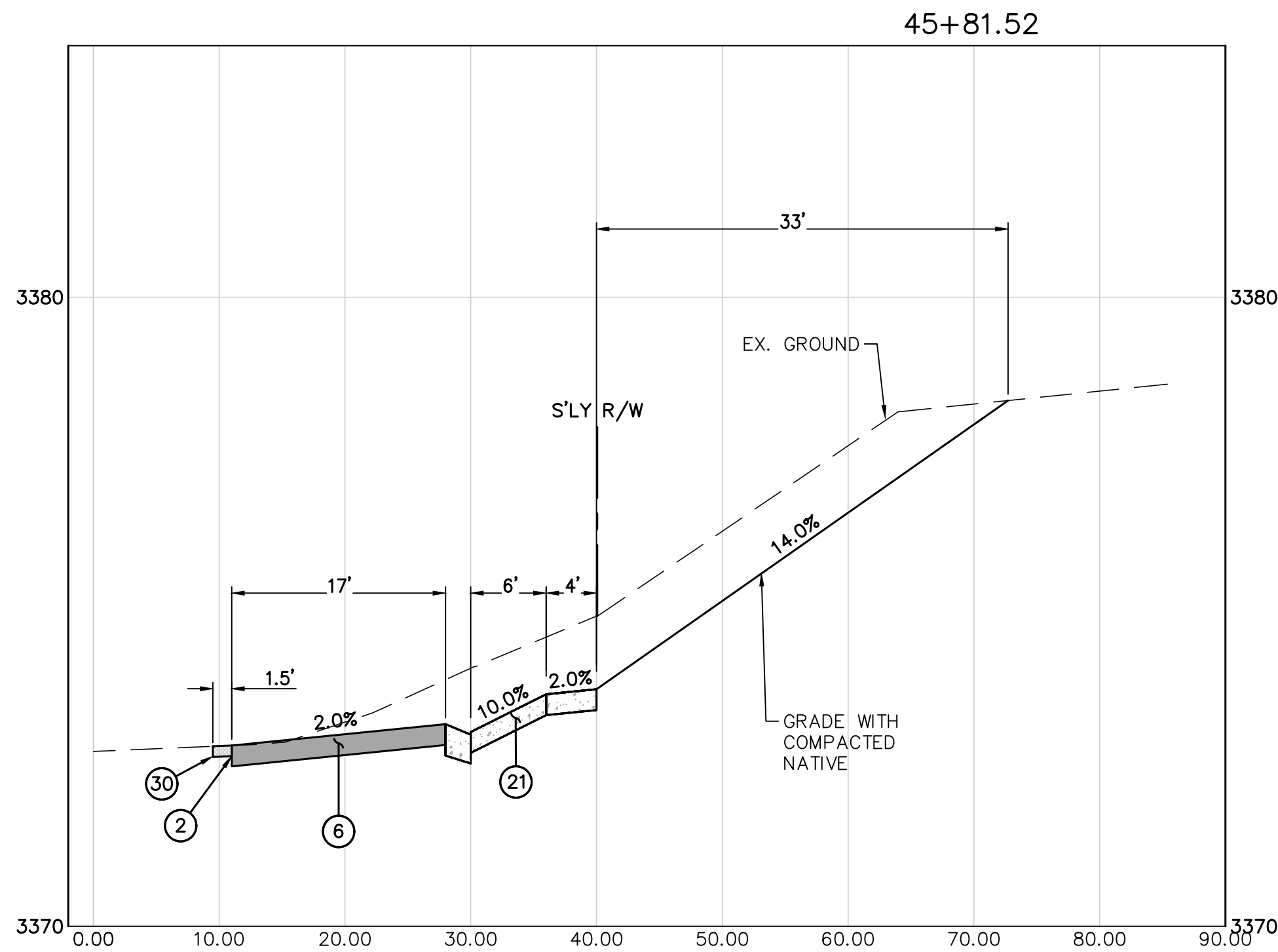
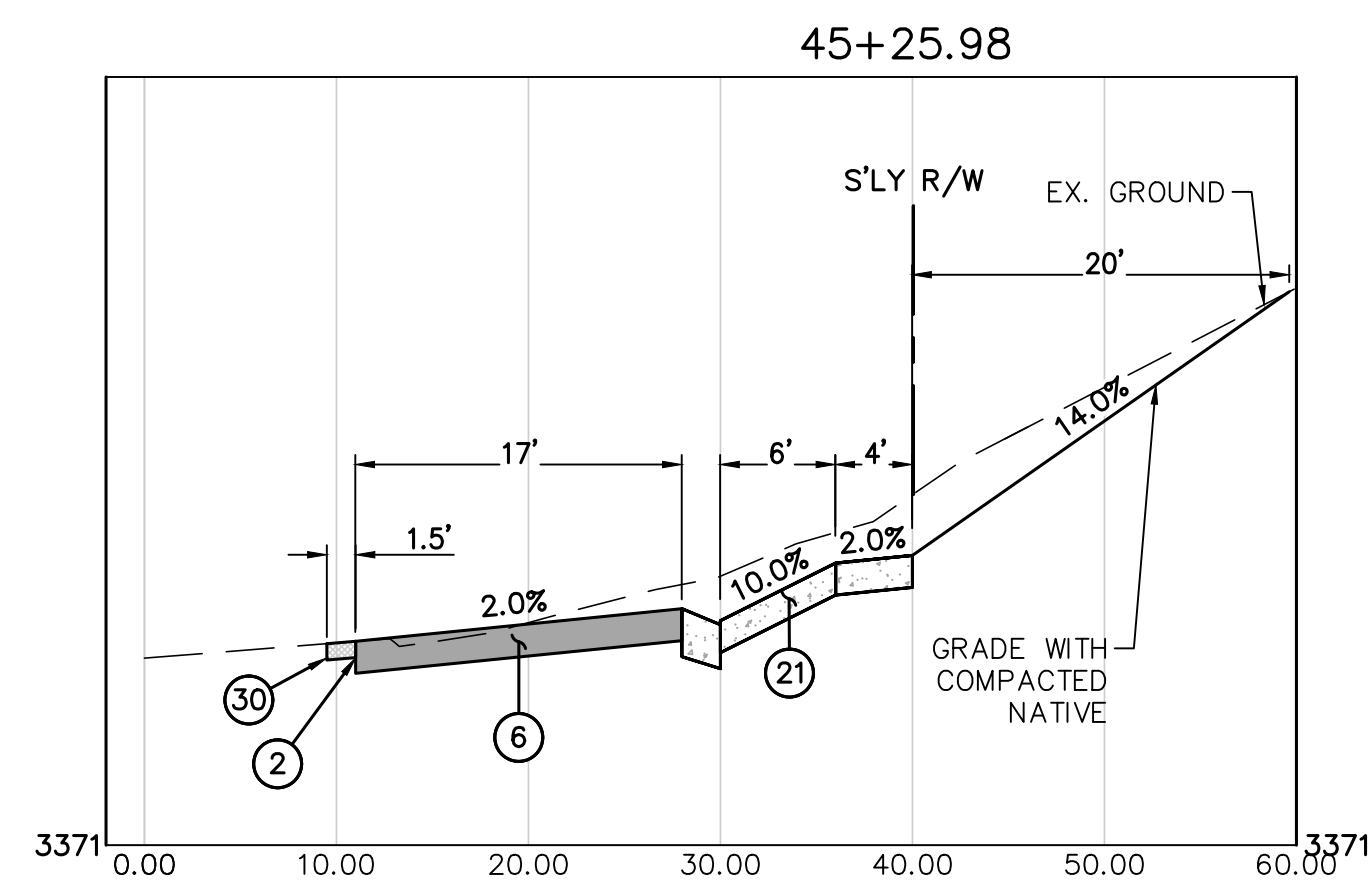
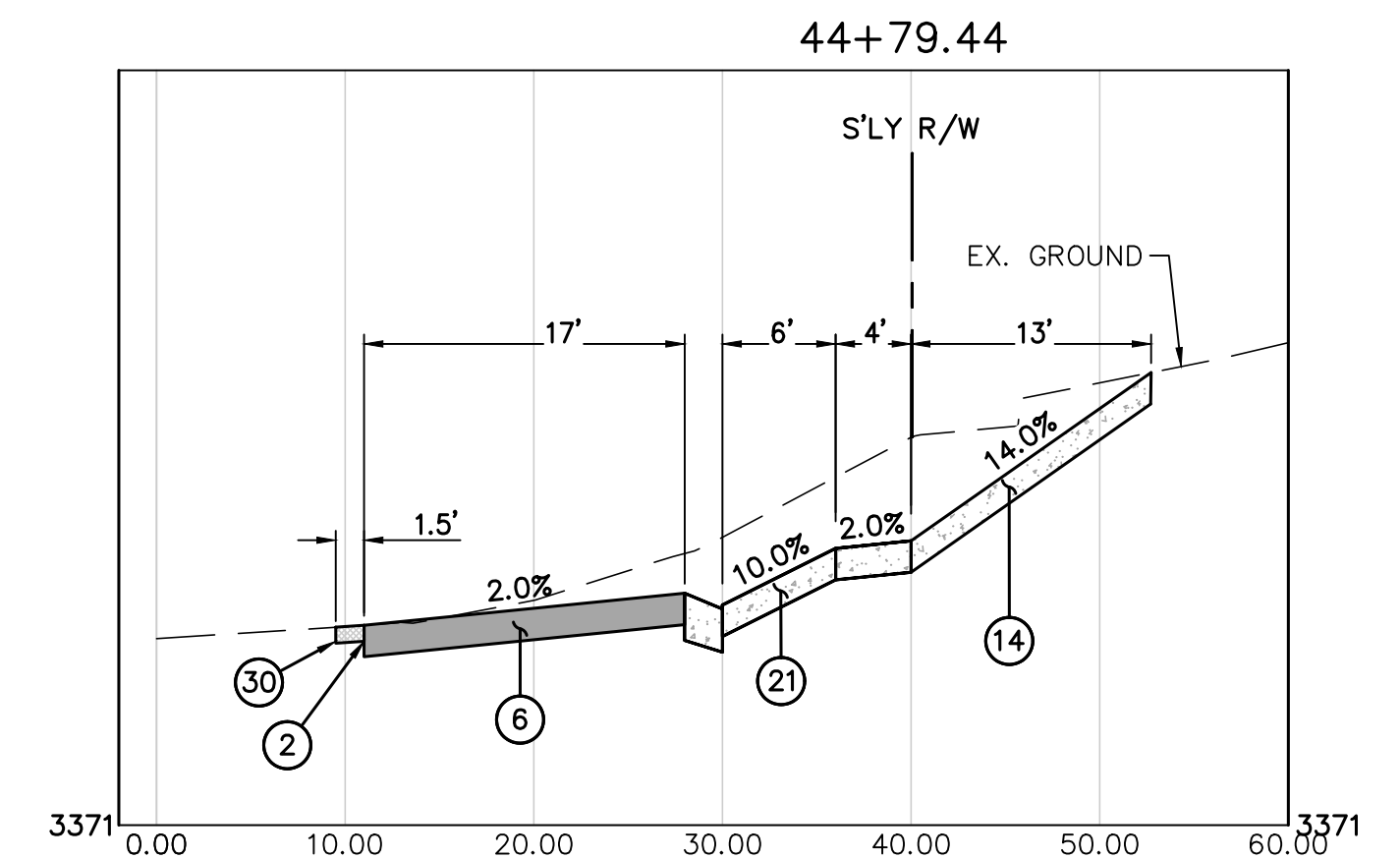
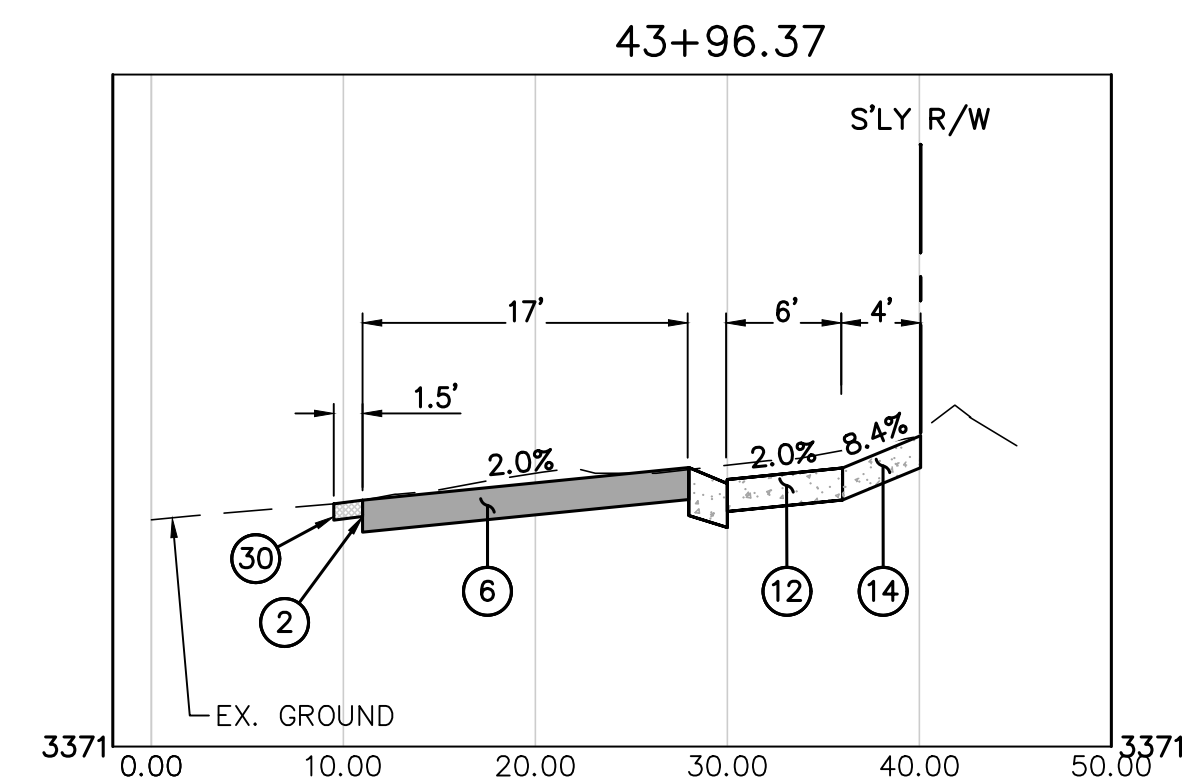
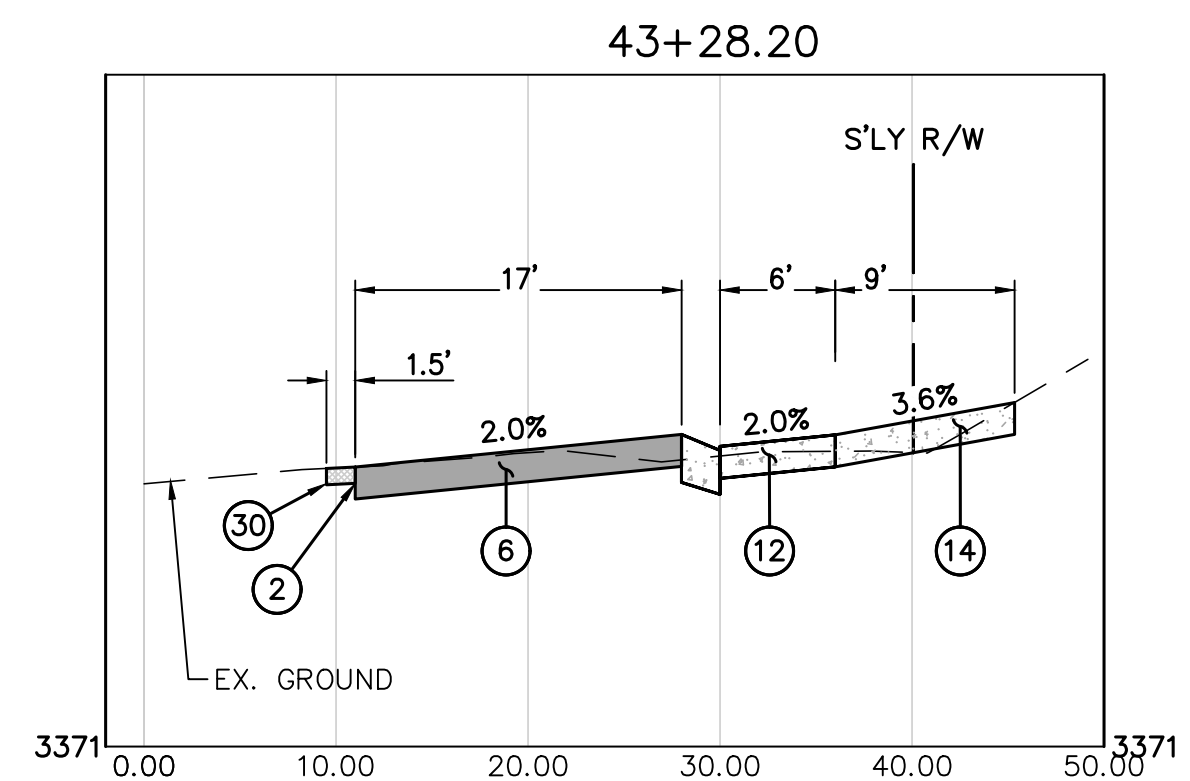
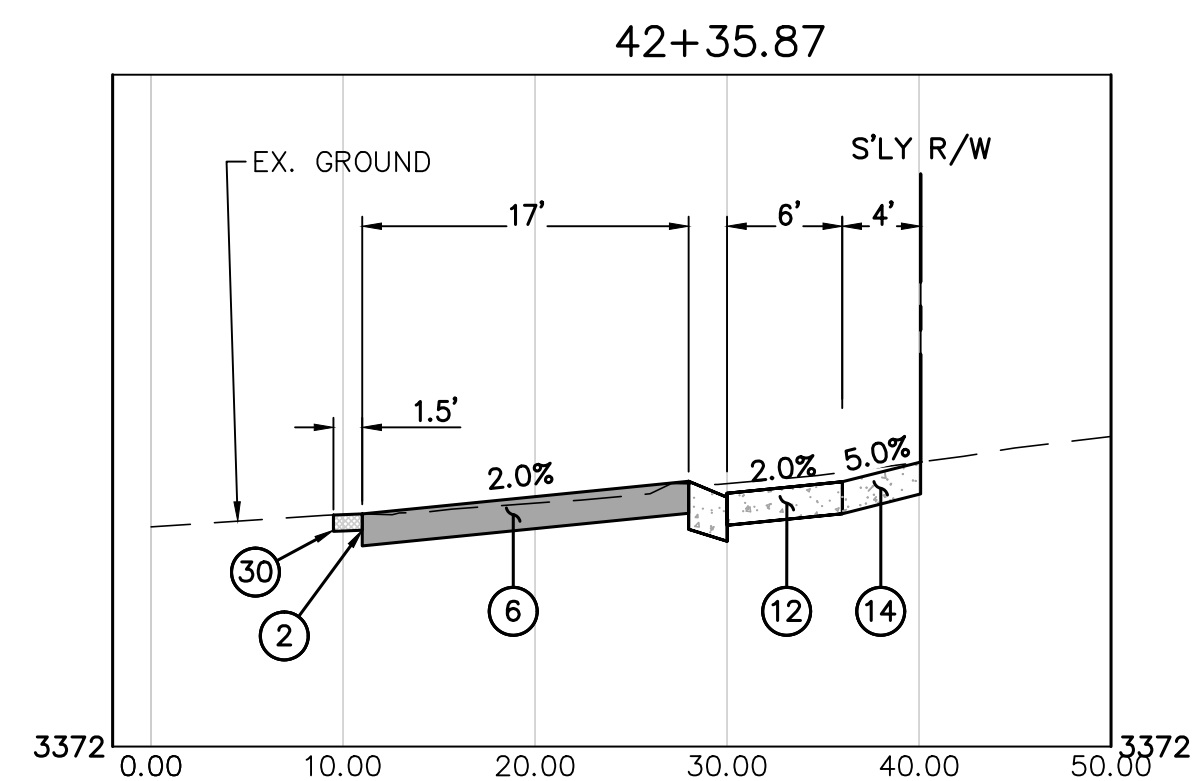


APPROVED BY:
 ARMANDO BALDIZZONE, DIRECTOR OF PUBLIC WORKS
 RCE 70102 EXP. DATE 9/30/22

RECOMMENDED BY:

TOWN OF YUCCA VALLEY
 ONAGA TRAIL PEDESTRIAN IMPROVMENTS
 ACOMA TRAIL TO GRAND AVE
 DRIVEWAY CROSS SECTIONS STA. 26+26.40 TO STA. 41+94.15

SHEET
 9
 OF 12 SHEETS
 DRAWING NO.



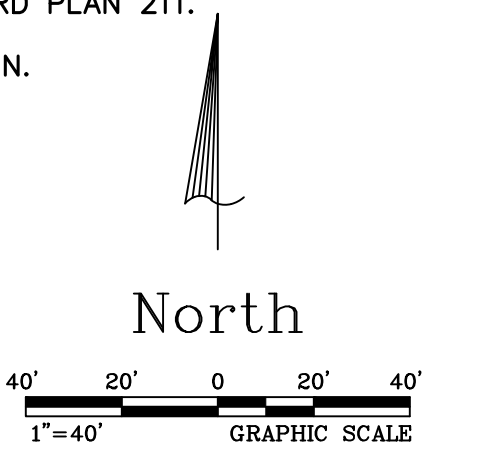
LEGEND:

- CONSTRUCT PCC
- CONSTRUCT AC PAVEMENT
- PROPOSED GRIND AND OVERLAY

CONSTRUCTION NOTES

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HORIZONTAL SCALE:
1" = 10'
VERTICAL SCALE:
1" = 2'

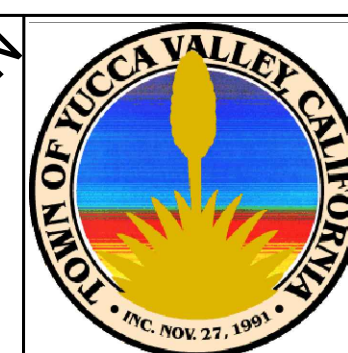
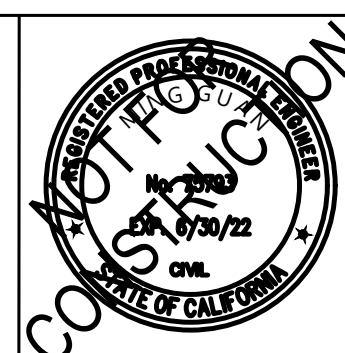


BENCH MARK NO.
ELEVATIONS SHOWN HEREON ARE BASED UPON THE SMARTNET NORTH AMERICA C.O.R.S. CACT, ELEVATION 388.85 FEET (NAVD 88).

REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'D

KOA
PLANNING | ENGINEERING | CONSTRUCTION MANAGEMENT
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MING GUAN, RCE 75793

3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

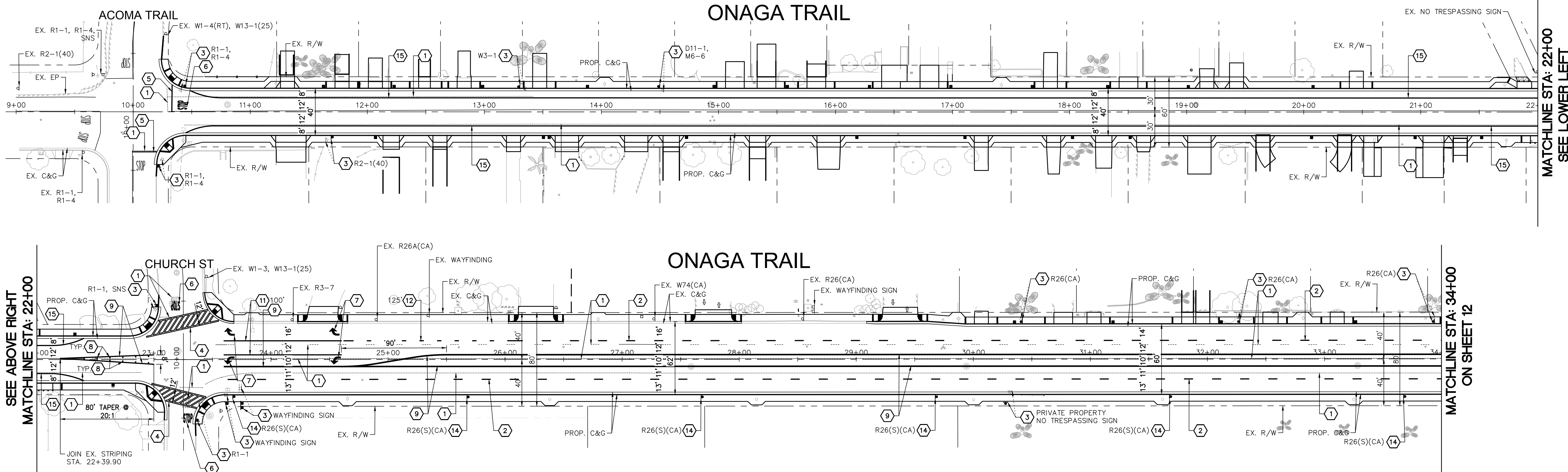


APPROVED BY:
ARMANDO BALDEZZONE, DIRECTOR OF PUBLIC WORKS
RCE 70102 EXP. DATE 9/30/22

RECOMMENDED BY:

TOWN OF YUCCA VALLEY
ONAGA TRAIL PEDESTRIAN IMPROVMENTS
ACOMA TRAIL TO GRAND AVE
DRIVEWAY CROSS SECTIONS STA. 42+35.87 TO STA. 49+64.81

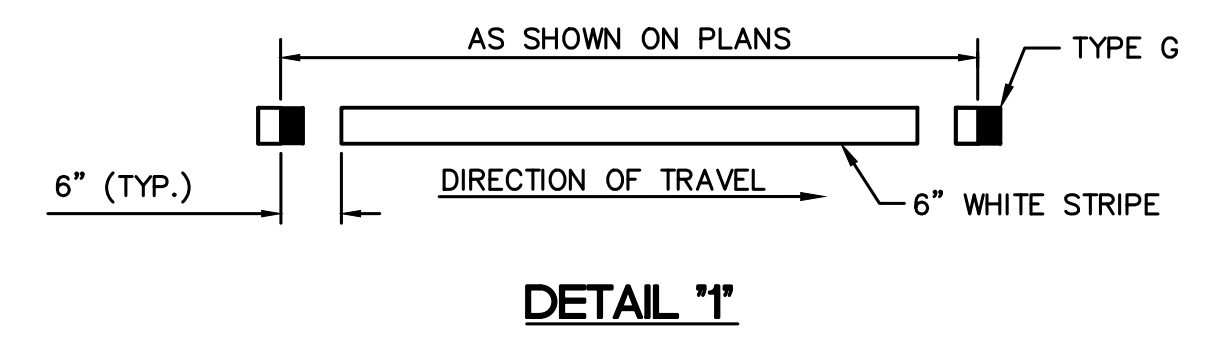
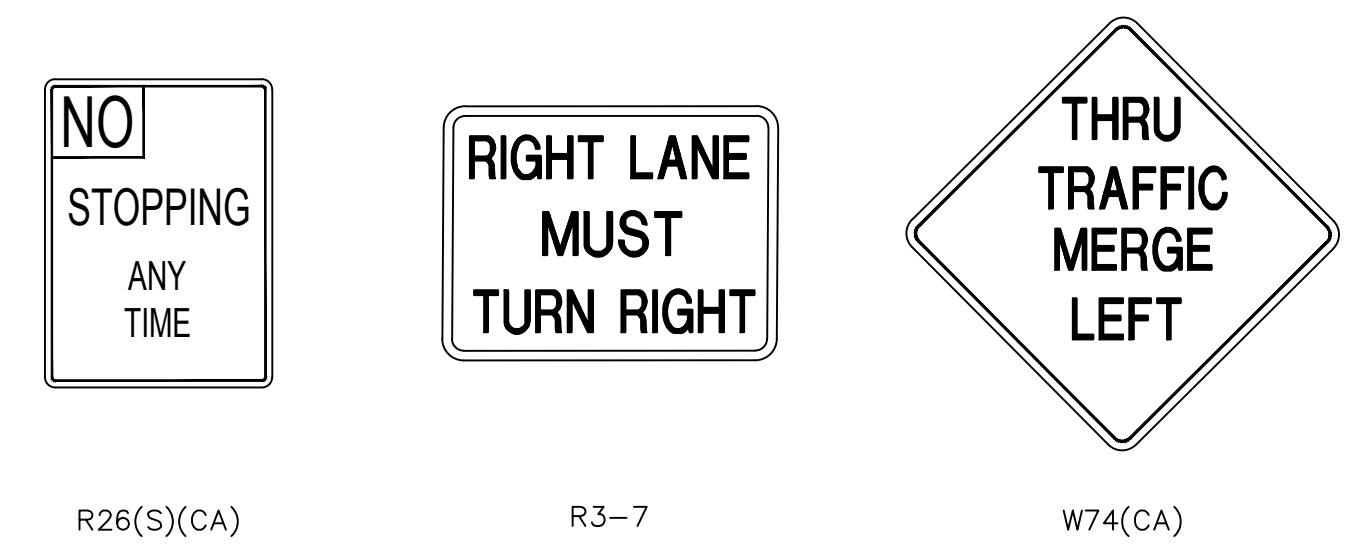
SHEET
10
OF 12 SHEETS
DRAWING NO.



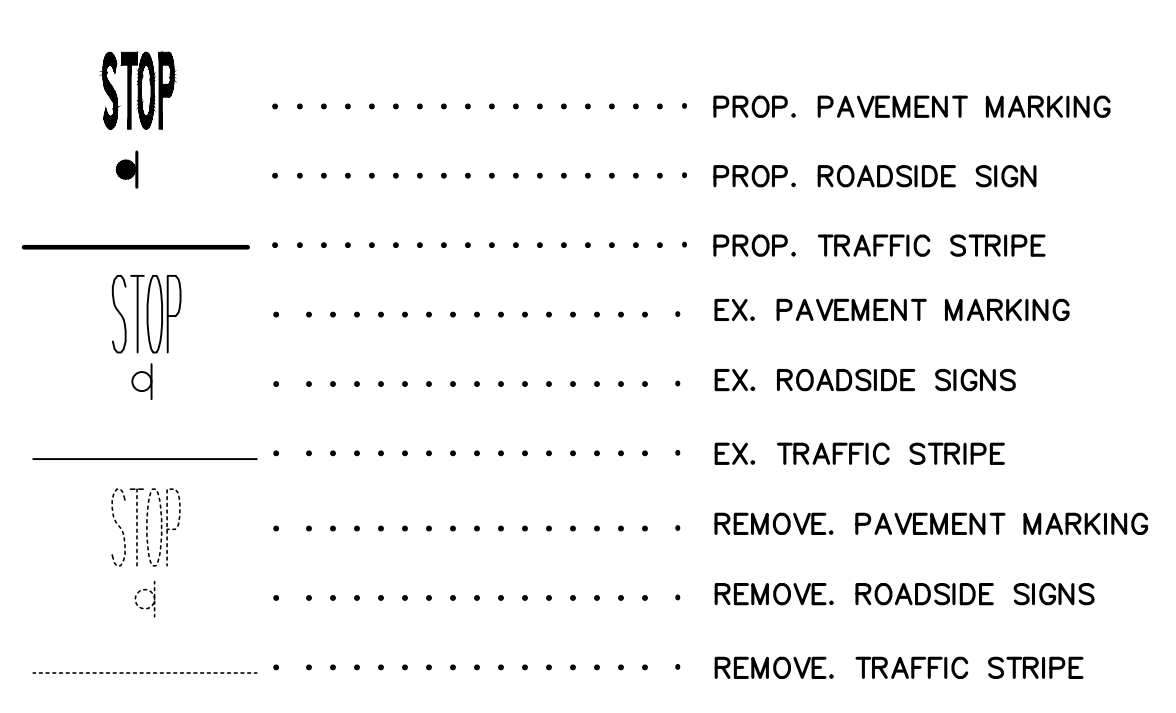
SIGNING AND STRIPING CONSTRUCTION NOTES

- 1 REMOVE EXISTING STRIPING AND PAVEMENT MARKINGS BY GRINDING.
- 2 APPLY 6" LANE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 12.
- 3 RELOCATE EXISTING SIGN AND POST.
- 4 APPLY 12" WHITE DIAGONAL CROSSWALK PER CALTRANS STANDARD PLAN A24F.
- 5 APPLY 12" LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
- 6 APPLY WHITE "STOP" PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24D.
- 7 APPLY TYPE IV ARROW PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24A.
- 8 INSTALL FLEXIBLE DELINEATORS (IE SAFE-HIT OR APPROVED EQUAL).
- 9 APPLY 6" DOUBLE YELLOW CENTERLINE PER CALTRANS STANDARD PLAN A20A, DETAIL 22.
- 10 APPLY 6" WHITE SOLID LANE STRIPE PER DETAIL "1" HEREON.
- 11 APPLY 8" CHANNELIZING STRIPE PER CALTRANS STANDARD PLAN A20D, DETAIL 38A.
- 12 APPLY 6" LANE DROP STRIPE PER CALTRANS STANDARD PLAN A20C, DETAIL 37B.
- 13 REMOVE EXISTING SIGN AND POST.
- 14 FURNISH AND INSTALL SIGN AND/OR PER TOWN OF YUCCA VALLEY STANDARD PLAN 322.
- 15 APPLY 6" WHITE RIGHT EDGELINE PER CALTRANS STANDARD PLAN A20B, DETAIL 27B.

SIGN LEGEND



SIGNING AND STRIPING LEGEND



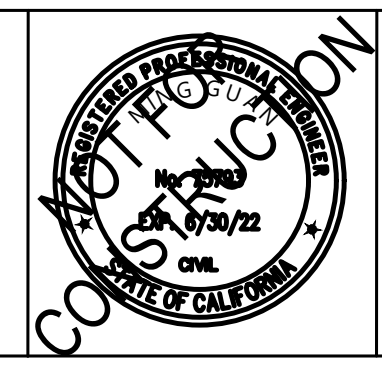
IMPORTANT NOTICE
 Southern California Gas Company
 Two working days before you dig
 UNDERGROUND SERVICE ALERT
 811

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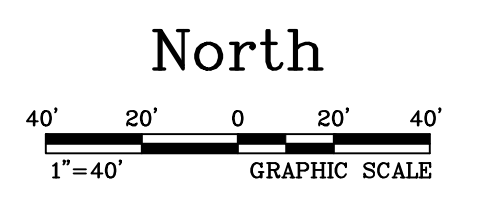
3190 C SHELBY STREET
 ONTARIO, CALIFORNIA 91764
 Tel: (909) 890-9693 Fax: (909) 890-9694

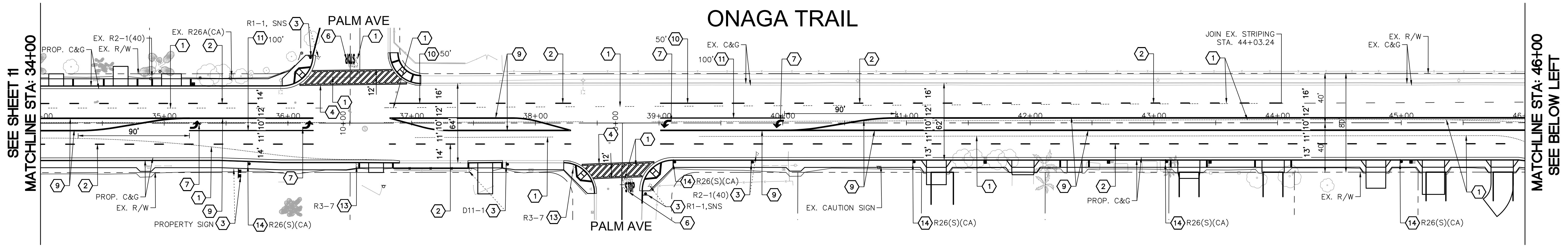


APPROVED BY: _____ DATE _____
 ARMANDO BALDEZZONE, DIRECTOR OF PUBLIC WORKS
 RCE 70102 EXP. DATE 9/30/22
 RECOMMENDED BY: _____

TOWN OF YUCCA VALLEY
 ONAGA TRAIL PEDESTRIAN IMPROVMENTS
 ACOMA TRAIL TO GRAND AVE
 SIGNING AND STRIPING IMPROVEMENT

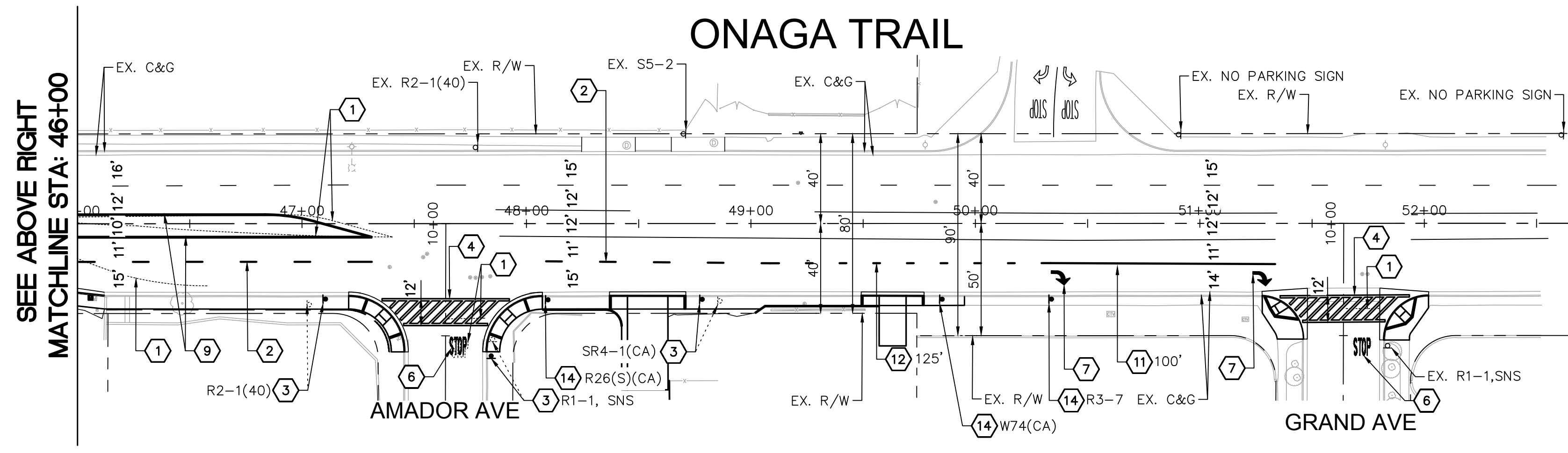
SHEET
 11
 OF 12 SHEETS
 DRAWING NO.





SEE SHEET 11
MATCHLINE STA: 34+00

MATCHLINE STA: 46+00
SEE BELOW LEFT

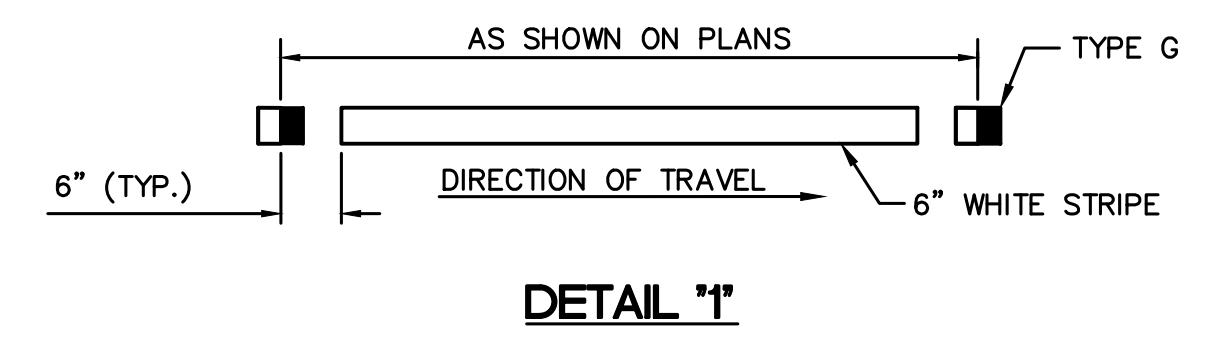
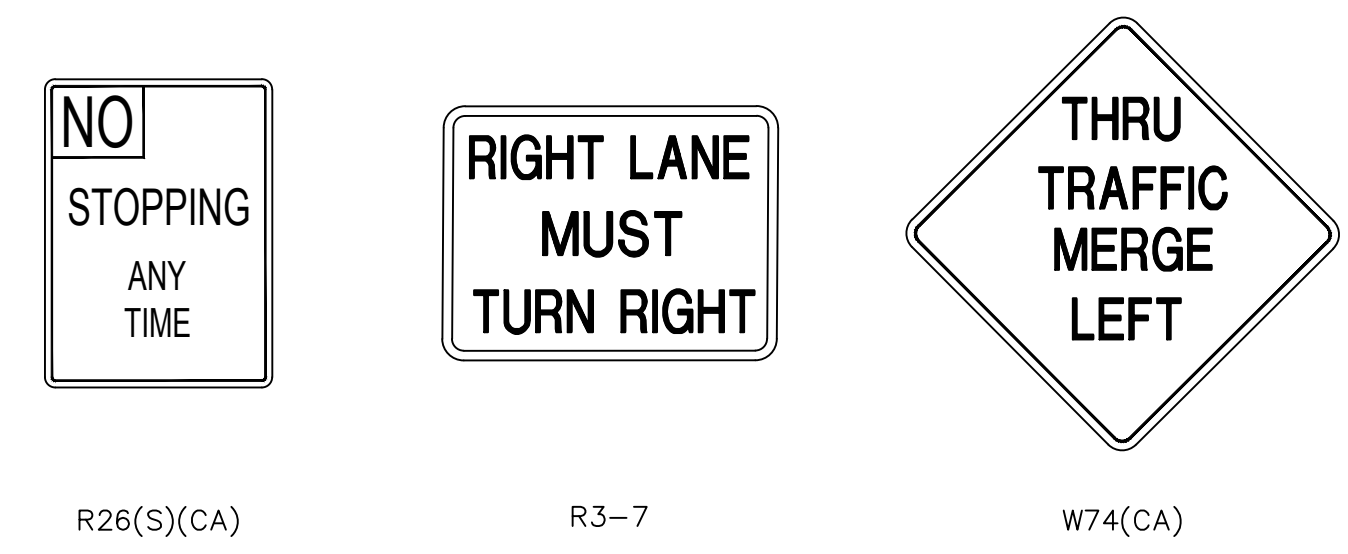


SEE ABOVE RIGHT
MATCHLINE STA: 46+00

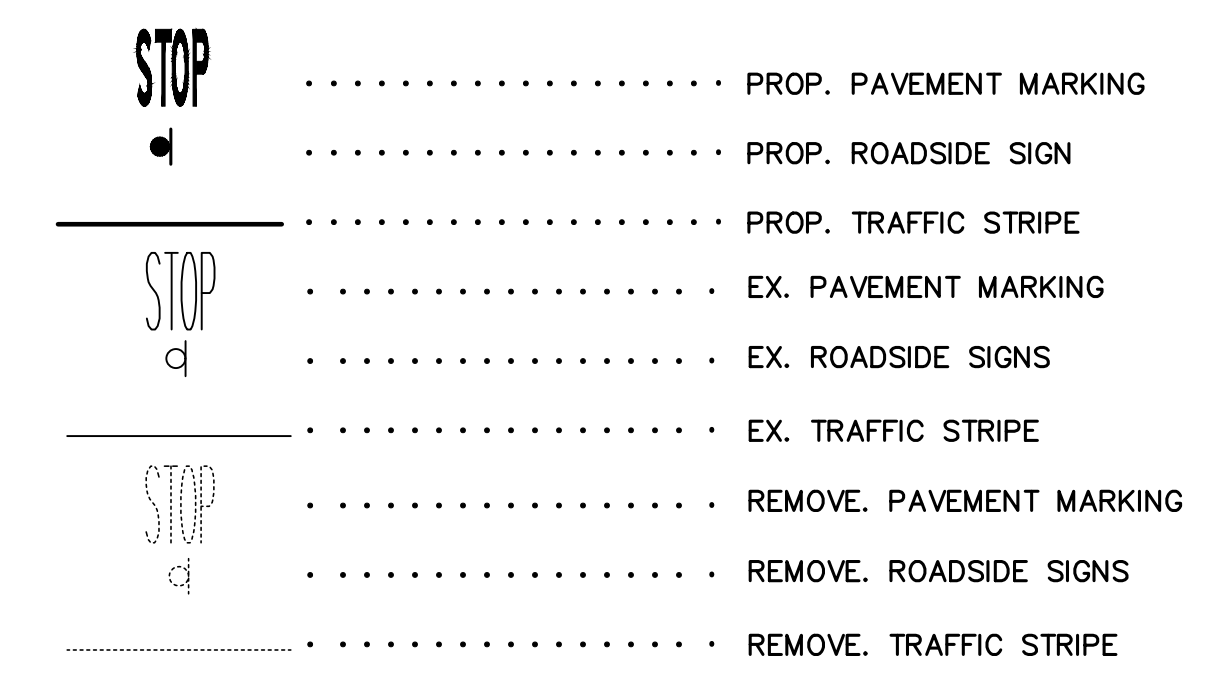
SIGNING AND STRIPING CONSTRUCTION NOTES

- 1 REMOVE EXISTING STRIPING AND PAVEMENT MARKINGS BY GRINDING.
- 2 APPLY 6" LANE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 12.
- 3 RELOCATE EXISTING SIGN AND POST.
- 4 APPLY 12" WHITE DIAGONAL CROSSWALK PER CALTRANS STANDARD PLAN A24F.
- 5 APPLY 12" LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
- 6 APPLY WHITE "STOP" PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24D.
- 7 APPLY TYPE IV ARROW PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24A.
- 8 INSTALL FLEXIBLE DELINEATORS (IE SAFE-HIT OR APPROVED EQUAL).
- 9 APPLY 6" DOUBLE YELLOW CENTERLINE PER CALTRANS STANDARD PLAN A20A, DETAIL 22.
- 10 APPLY 6" WHITE SOLID LANE STRIPE PER DETAIL "1" HEREON.
- 11 APPLY 8" CHANNELIZING STRIPE PER CALTRANS STANDARD PLAN A20D, DETAIL 38A.
- 12 APPLY 6" LANE DROP STRIPE PER CALTRANS STANDARD PLAN A20C, DETAIL 37B.
- 13 REMOVE EXISTING SIGN AND POST.
- 14 FURNISH AND INSTALL SIGN AND/OR PER TOWN OF YUCCA VALLEY STANDARD PLAN 322.
- 15 APPLY 6" WHITE RIGHT EDGELINE PER CALTRANS STANDARD PLAN A20B, DETAIL 27B.

SIGN LEGEND



SIGNING AND STRIPING LEGEND



IMPORTANT NOTICE
 Schedule activities of the construction work to be done in the street. Notify the public of the work. Call toll free 811. Two working days before you dig. UNDERGROUND SERVICE ALERT 811

BENCH MARK NO.
 ELEVATIONS SHOWN HEREON ARE BASED UPON THE SMARTNET NORTH AMERICA C.O.R.S. CACT, ELEVATION 388.85 FEET (NAVD 88).

REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'D

KOA
 PLANNING | ENGINEERING | CONSTRUCTION MANAGEMENT
 PREPARED UNDER THE SUPERVISION OF:
 MING GUAN, RCE 75793

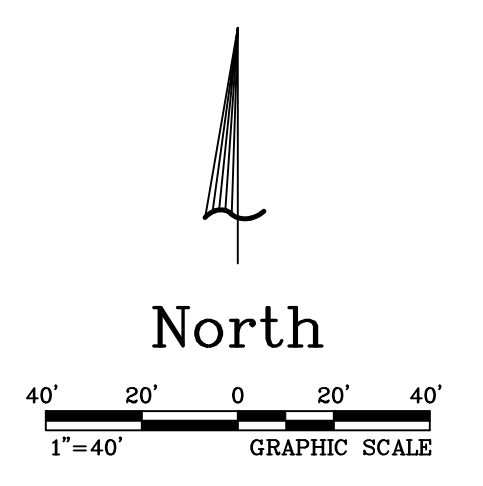
3190 C SHELBY STREET
 ONTARIO, CALIFORNIA 91764
 Tel: (909) 890-9693 Fax: (909) 890-9694



APPROVED BY: _____ DATE: _____
 ARMANDO BALDEZZONE, DIRECTOR OF PUBLIC WORKS
 RCE 70102 EXP. DATE 9/30/22
 RECOMMENDED BY: _____

TOWN OF YUCCA VALLEY
 ONAGA TRAIL PEDESTRIAN IMPROVMENTS
 ACOMA TRAIL TO GRAND AVE
 SIGNING AND STRIPING IMPROVEMENT

SHEET
 12
 OF 12 SHEETS
 DRAWING NO.



PLAN NO: