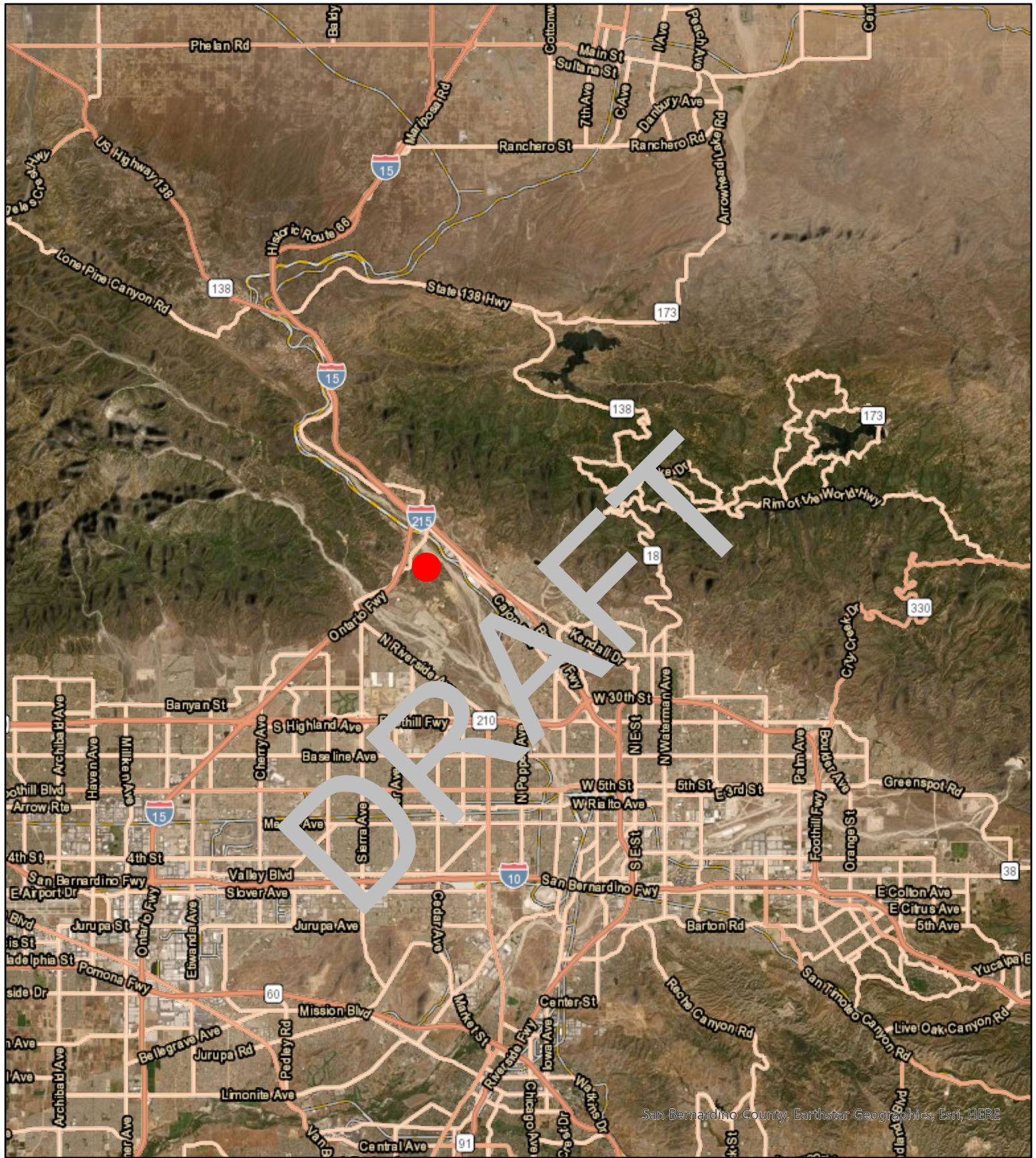




REGIONAL/VICINITY MAP

GLEN HELEN REGIONAL PARK REHABILITATION

Parking Lot 1 & Road "A" (Phase II) Project

— PROJECT AREA



0 0.5 1 2 Miles



Standard and Special Drawings
(Green Pages)

inserted here

LIST OF STANDARD AND SPECIAL DRAWINGS (GREEN PAGES)

NOTICE TO RESIDENTS (ENGLISH / SPANISH)

Sheet 1 – LOCATION MAP
Sheet 2 – LAYOUT PLAN (PARKING LOT 1)
Sheet 3 – PARKING LOT 1 (TYPICAL SECTION)
Sheet 4 – LAYOUT PLAN (ROAD “A”) With SPEED HUMP DETAIL
Sheet 5 – ROAD “A” (TYPICAL SECTION)
Sheet 6 – RAMP 1 PLAN AND PROFILE (SE Corner at Gate # 1)
Sheet 7 – RAMP 2 PLAN AND PROFILE (NE Corner at Gate # 1)
Sheet 8 – STRIPING PLAN (ROAD “A”)
Sheet 9 – ENLARGED STRIPING PLAN (ROAD “A”)
Sheet C-1A – MEADOWLARK SHELTER ACCESSIBLE PARKING LAYOUT
Sheet C-1 – MEADOWLARK SHELTER GRADING PLAN
Sheet PW-01 – OVERALL SITE PLAN
Sheet PW-02 – PARKING DEMO & PROPOSED PLAN
Sheet PW-03 – ENLARGED SITE PLAN
Sheet PW-04 – ENLARGED SITE PLAN
Sheet PW-05 – SITE SIGNAGE
Sheet PW-06 – ACCESSIBLE PARKING SYMBOL
Sheet PW-07 – PROPOSED SIDEWALK
Sheet PW-08 – GRADING PLAN
Sheet PW-09 – TYPICAL SECTIONS
Sheet PW-10 – CONCRETE SLAB DETAIL
- RUBBER WHEEL STOP
- AC PAVEMENT SECTION
Sheet PW-11 – SPECIAL CONCRETE CURB
- DETECTABLE WARNING SURFACE

COUNTY STANDARDS AND SPECIAL DRAWINGS

109 (MODIFIED) 303A 303B

2018 CALTRANS STANDARD PLANS

A20A	A24A	A24E	A88A (MODIFIED)
A20B	A24C	A24F	A90A
A20D	A24D	A87A	A90B
T9	T11	T13	

2014 CA MUTCD (REVISION 6)

Figure 2A-2(CA)	FIG 6H-28	FIG 6H-29
Section 6D.01	Section 6D.02	Section 3B.24
R99(CA)	R99B(CA)	R99C(CA)
R100B(CA)	R7-8b	



NOTICE TO THE RESIDENTS CLOSE TO OR NEARBY GLEN HELEN REGIONAL PARK

The County of San Bernardino Department of Public Works has contracted with (Company name) for the (type of work) of (name of road) in the (city) area. The construction shall include (detailed description of work).

This work will be performed between the dates of (start date) and (end date).

Normal working hours will be between the hours of _____ A.M. and _____ P.M. Monday through Friday.

There will be "No Parking Signs" posted on your street indicating the specific dates work will be performed on the street. During the time we are working, access to the public will be limited and we ask the following:

1. Do not park your vehicle on the roadway
2. Do not allow water to run on the roadway
3. Do not allow children to play in the roadway
4. Do not place trash cans or other debris on the roadway

We regret any inconvenience that this work may cause you and we thank you for your cooperation in assisting us in rebuilding your street.

Thank you.

(Company name)

(Company contact name)

(Company phone number)

If you need further assistance contact the Department of Public Works at (909) 387-7920



NOTIFICACIÓN A LOS RESIDENTES CERCANO DE GLEN HELEN REGIONAL PARK

El Condado de San Bernardino, Departamento de Obras Públicas, a contratado con (Company name) para (type of work) la calle llamada (name of road) en la ciudad de (city). La construcción va a incluir (detailed description of work).

Este trabajo será hecho entre la fecha de (start date) (end date). Las horas elegidas para hacer este trabajo serán entre las _____ de la mañana y _____ de la tarde de lunes a viernes.

Habrán letreros indicando que "No habrá estacionamiento" en la calle y especificando el horario cuando el trabajo será hecho. Durante el tiempo que estaremos trabajando en la calle, la entrada para el público será limitada y por esta razón pedimos lo siguiente:

1. No estacione en sus vehículos en la calle.
2. No permita que corra el agua hacia la calle.
3. No permita que los niños jueguen en la calle.
4. No ponga los botes de basura o cualquier otra basura en la calle.

Lamentamos la inconveniencia que causara este trabajo y les agradecemos por su cooperación y asistencia en el mejoramiento de su calle.

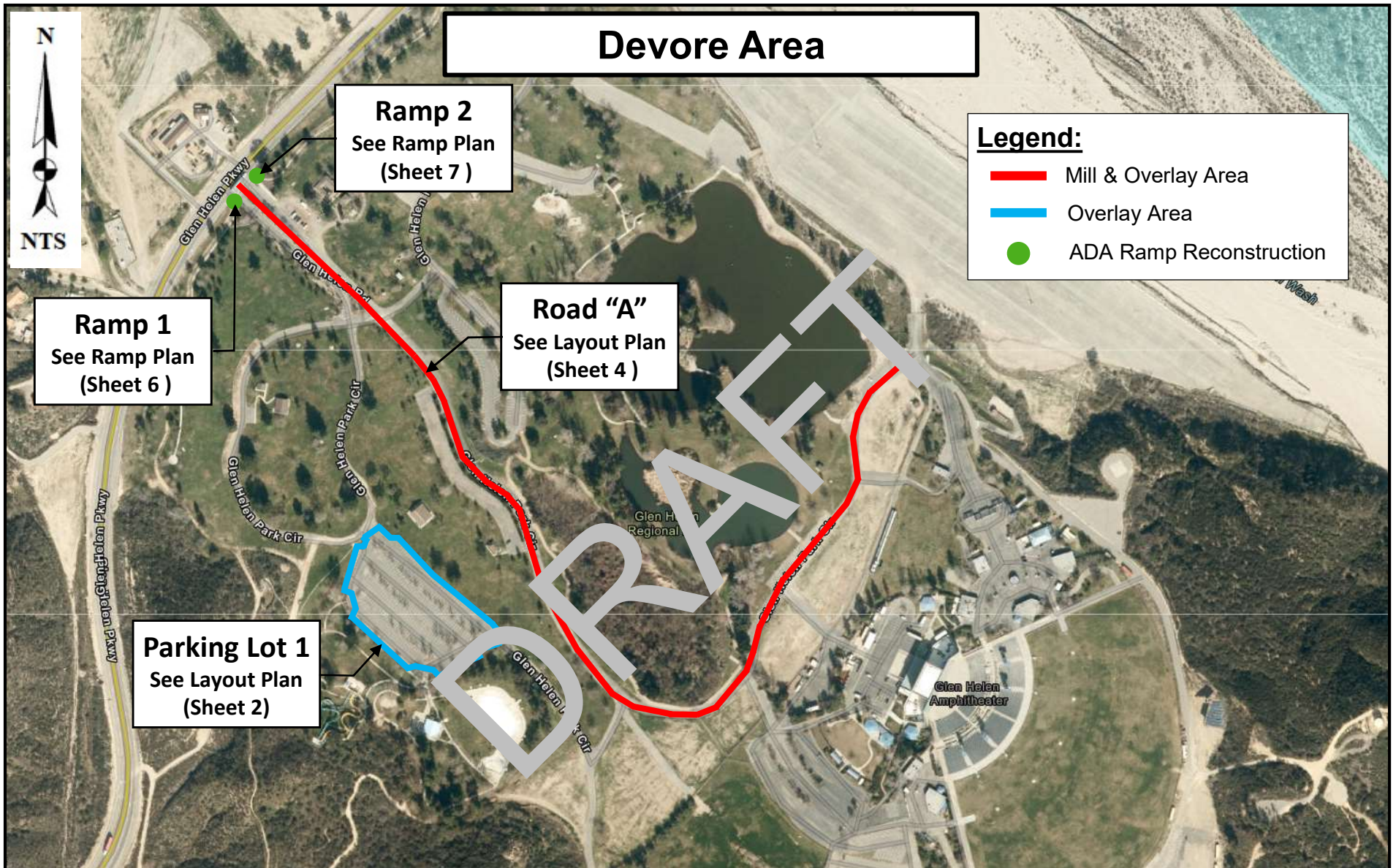
Muchas Gracias.

(Company name)

(Company contact name)

(Company phone number)

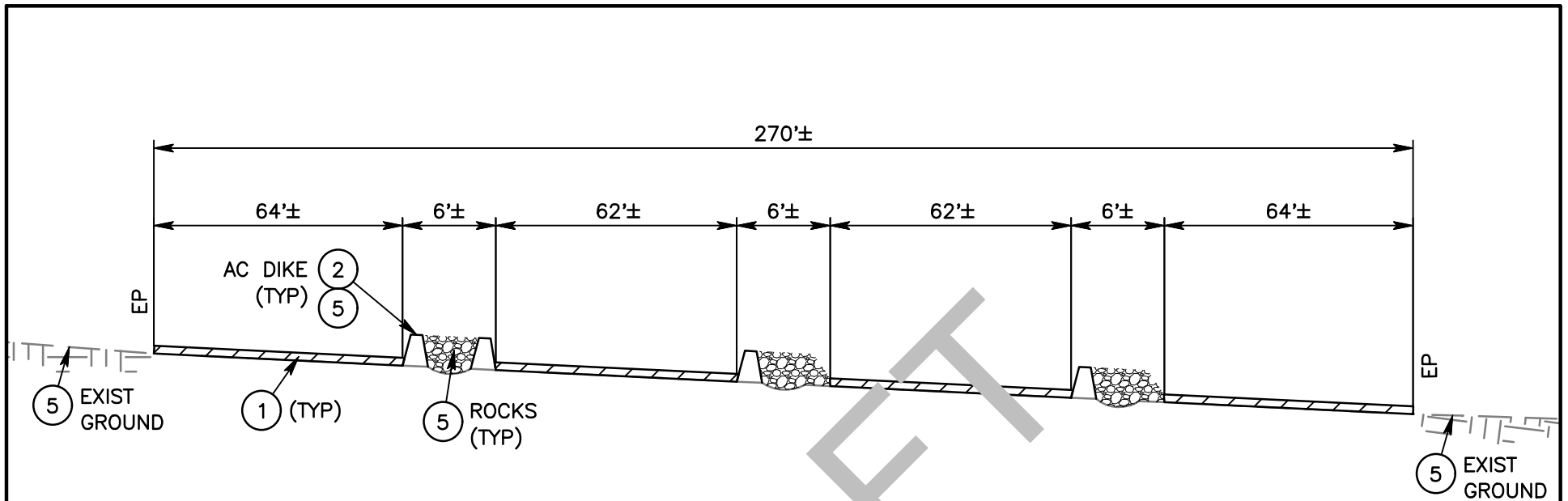
Si necesita asistencia favor de hablar al Departamento de Obras Publicas, (909) 387-7920.



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS
DISTRICT 5
(WO H15188)

LOCATION MAP
GLEN HELEN REGIONAL PARK REHABILITATION
Parking Lot 1 & Road "A" (PHASE II)

SHEET 1 OF 9



SECTION A-A

CONSTRUCTION NOTES:

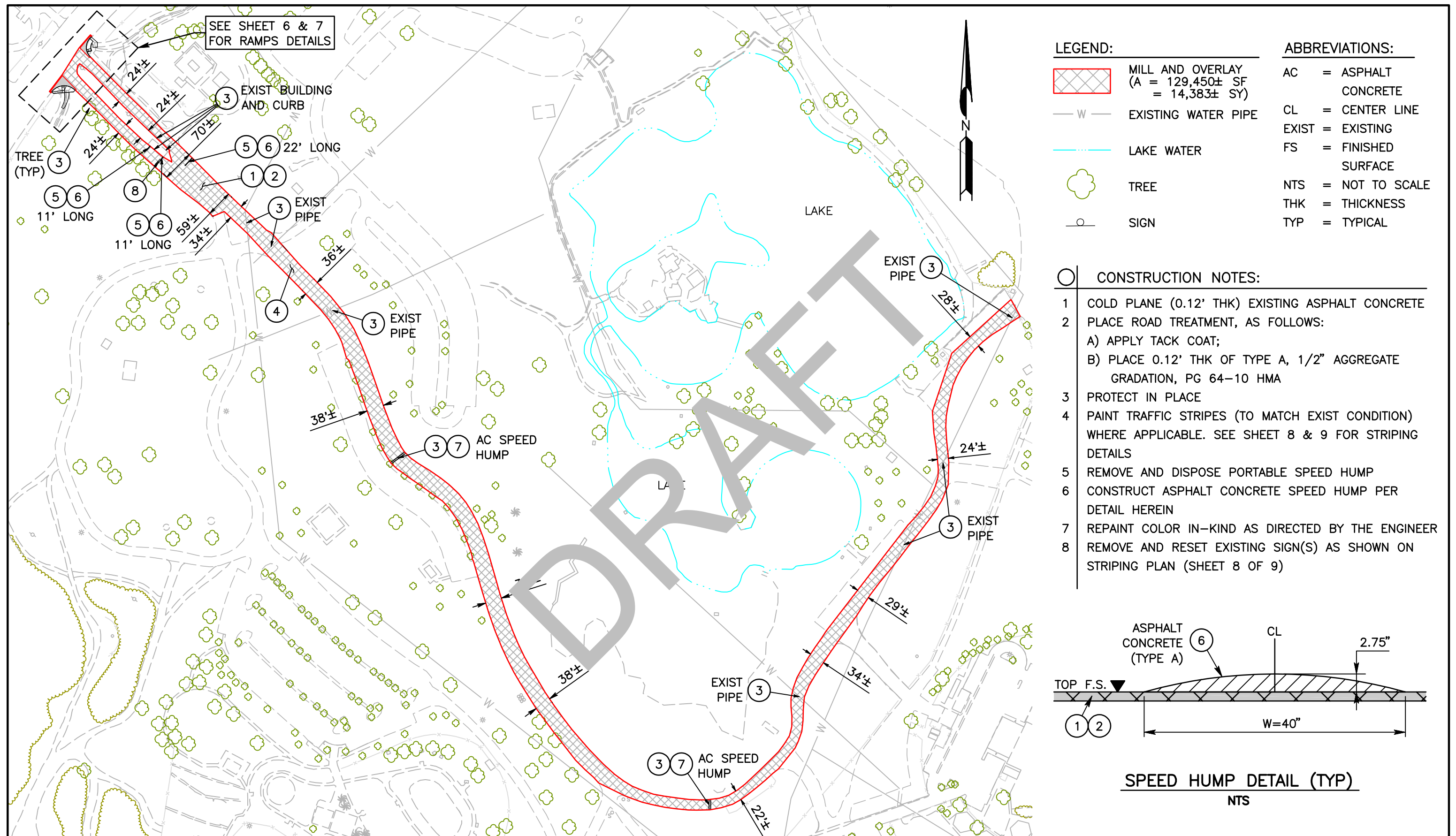
- 1 PLACE ROAD TREATMENT, AS FOLLOWS:
 - A) APPLY TACK COAT;
 - B) PLACE LEVELING COURSE TYPE A, 3/8" AGGREGATE GRADATION, PG 64-10 HMA;
 - C) APPLY POLYMER MODIFIED ASPHALT CHIP SEAL, 3/8" ROCKS;
 - D) APPLY SLURRY SEAL TYPE I.
- 2 FOG SEAL EXISTING AC DIKE
- 5 PROTECT IN PLACE

SAN BERNARDINO COUNTY TRANS. DEPT.

DESIGN DIVISION

SECTION A-A
PARKING LOT 1

SHEET
3 OF 9



LEGEND:

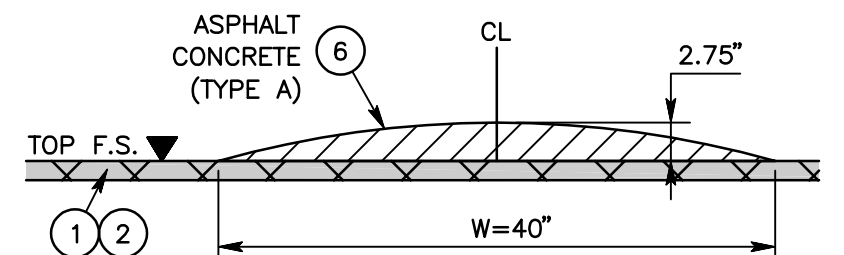
- MILL AND OVERLAY
(A = 129,450± SF
= 14,383± SY)
- EXISTING WATER PIPE
- LAKE WATER
- TREE
- SIGN

ABBREVIATIONS:

- AC = ASPHALT CONCRETE
- CL = CENTER LINE
- EXIST = EXISTING
- FS = FINISHED SURFACE
- NTS = NOT TO SCALE
- THK = THICKNESS
- TYP = TYPICAL

CONSTRUCTION NOTES:

- COLD PLANE (0.12' THK) EXISTING ASPHALT CONCRETE
- PLACE ROAD TREATMENT, AS FOLLOWS:
A) APPLY TACK COAT;
B) PLACE 0.12' THK OF TYPE A, 1/2" AGGREGATE GRADATION, PG 64-10 HMA
- PROTECT IN PLACE
- PAINT TRAFFIC STRIPES (TO MATCH EXIST CONDITION) WHERE APPLICABLE. SEE SHEET 8 & 9 FOR STRIPING DETAILS
- REMOVE AND DISPOSE PORTABLE SPEED HUMP
- CONSTRUCT ASPHALT CONCRETE SPEED HUMP PER DETAIL HEREIN
- REPAINT COLOR IN-KIND AS DIRECTED BY THE ENGINEER
- REMOVE AND RESET EXISTING SIGN(S) AS SHOWN ON STRIPING PLAN (SHEET 8 OF 9)



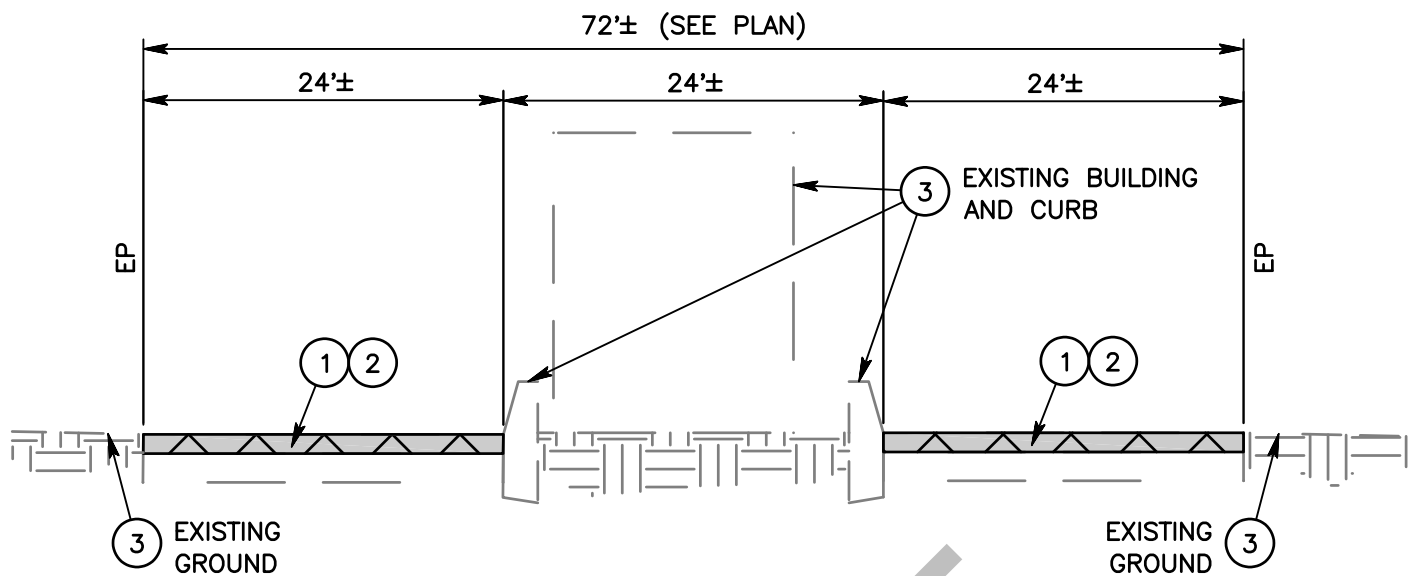
SPEED HUMP DETAIL (TYP)
NTS

SAN BERNARDINO COUNTY TRANS. DEPT.

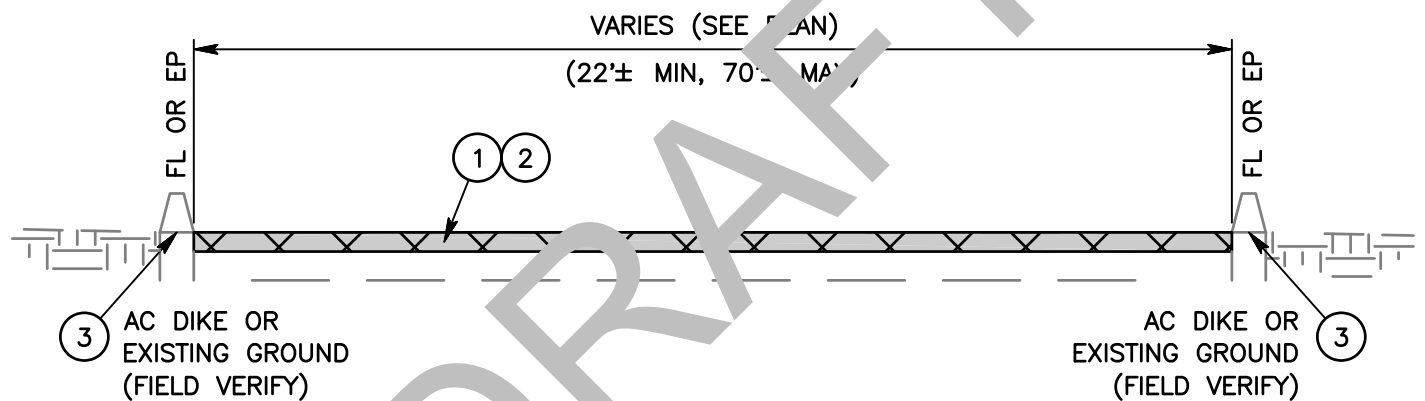
DESIGN DIVISION

LAYOUT PLAN
ROAD "A"

SHEET
4 OF 9



MILL AND OVERLAY WITH CENTER ISLAND



MILL AND OVERLAY BETWEEN AC DIKE AND/OR EP

TYPICAL SECTION

NTS

○ CONSTRUCTION NOTES:

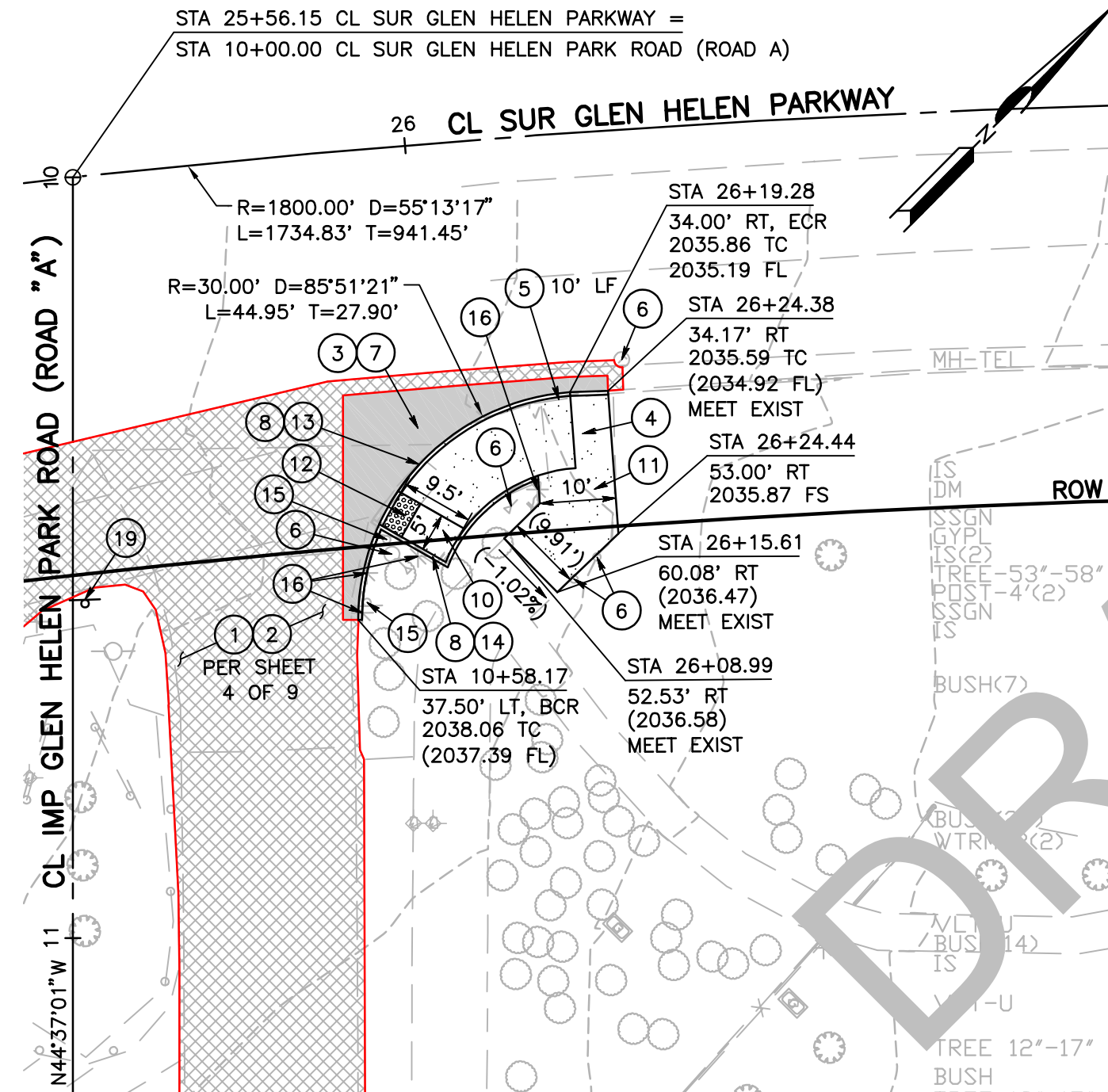
- 1 COLD PLANE (0.12' THK) EXISTING ASPHALT CONCRETE
- 2 PLACE ROAD TREATMENT, AS FOLLOWS:
 - A) APPLY TACK COAT;
 - B) PLACE 0.12' THK OF TYPE A, 1/2" AGGREGATE GRADATION, PG 64-10 HMA
- 3 PROTECT IN PLACE

SAN BERNARDINO COUNTY TRANS. DEPT.

DESIGN DIVISION

TYPICAL SECTION
ROAD "A"

SHEET
5 OF 9



PLAN



LEGEND:

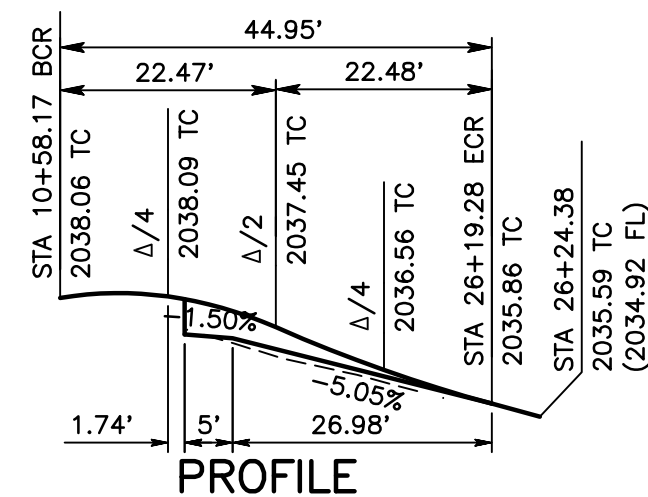
- MILL AND OVERLAY
- ASPHALT CONCRETE PAVEMENT
- PORTLAND CEMENT CONCRETE
- DETECTABLE WARNING SURFACE

ABBREVIATIONS:

- AC = ASPHALT CONCRETE
- EXIST = EXISTING
- STD = STANDARD
- THK = THICKNESS
- TYP = TYPICAL

CONSTRUCTION NOTES:

- 1 COLD PLANT (0.12' THK) EXISTING ASPHALT CONCRETE
- 2 PLACE ROAD TREATMENT, AS FOLLOWS:
A) APPLY PRIMER COAT;
B) PLACE 0.12' THK OF TYPE A, 1/2" AGGREGATE GRADATION, PG 64-10 HMA
- 3 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE SURFACING
- 4 SAWCUT AND REMOVE EXISTING CONCRETE
- 5 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE DIKE
- 6 EXIST IN PLACE
- 7 PLACE 0.33' THK OF TYPE A, 1/2" AGGREGATE GRADATION, PG 64-10 HMA OVER 0.5' THK CLASS 2 AGGREGATE BASE
- 8 REMOVE EXISTING CONCRETE CURB OR RETAINING CURB
- 10 CONSTRUCT RAMP PER CALTRANS STD A88A (MODIFIED) (CASE C)
- 11 CONSTRUCT CONCRETE SIDEWALK TYPE "C" PER COUNTY STD 109 (MODIFIED)
- 12 PLACE DETECTABLE WARNING SURFACE PER CALTRANS STD A88A (MODIFIED)
- 13 CONSTRUCT 8" CURB ONLY PER CALTRANS STD A87A, TYPE A1-8
- 14 INSTALL 6" WIDE CONCRETE RETAINING CURB (HT=8") PER CALTRANS STD A88A (MODIFIED)
- 15 REMOVE AND RELOCATE EXISTING SIGN AS SHOWN ON ENLARGED STRIPING PLAN (SHEET 9 OF 9)
- 16 CUT, CAP & REMOVE PIPE AND SPRINKLER HEADS (SEE SPECIAL PROVISIONS)
- 19 INSTALL NEW SIGN AS SHOWN ON ENLARGED STRIPING PLAN (SHEET 9 OF 9)



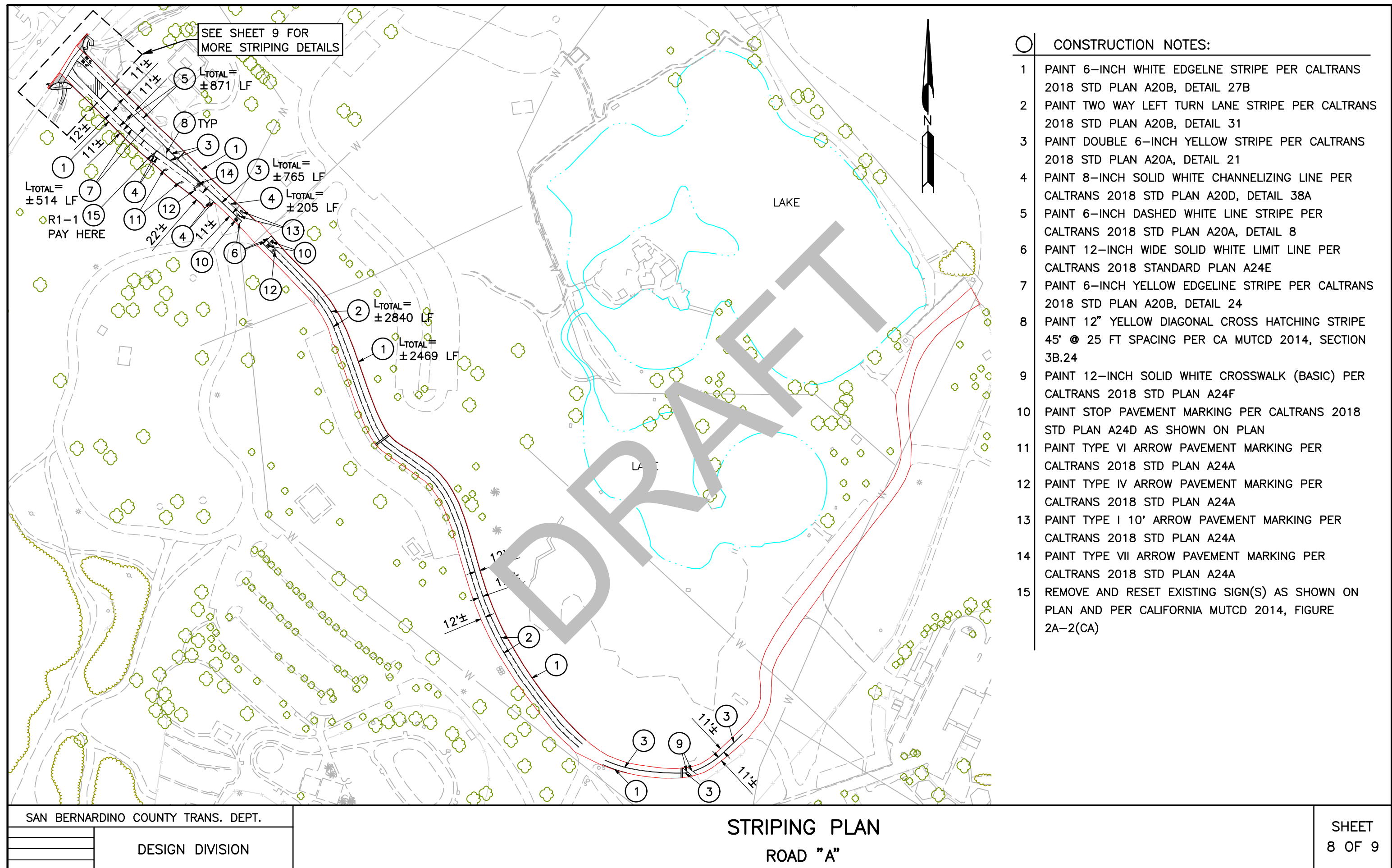
PROFILE

SAN BERNARDINO COUNTY TRANS. DEPT.

DESIGN DIVISION

RAMP PLAN AND PROFILE
NE RAMP 2

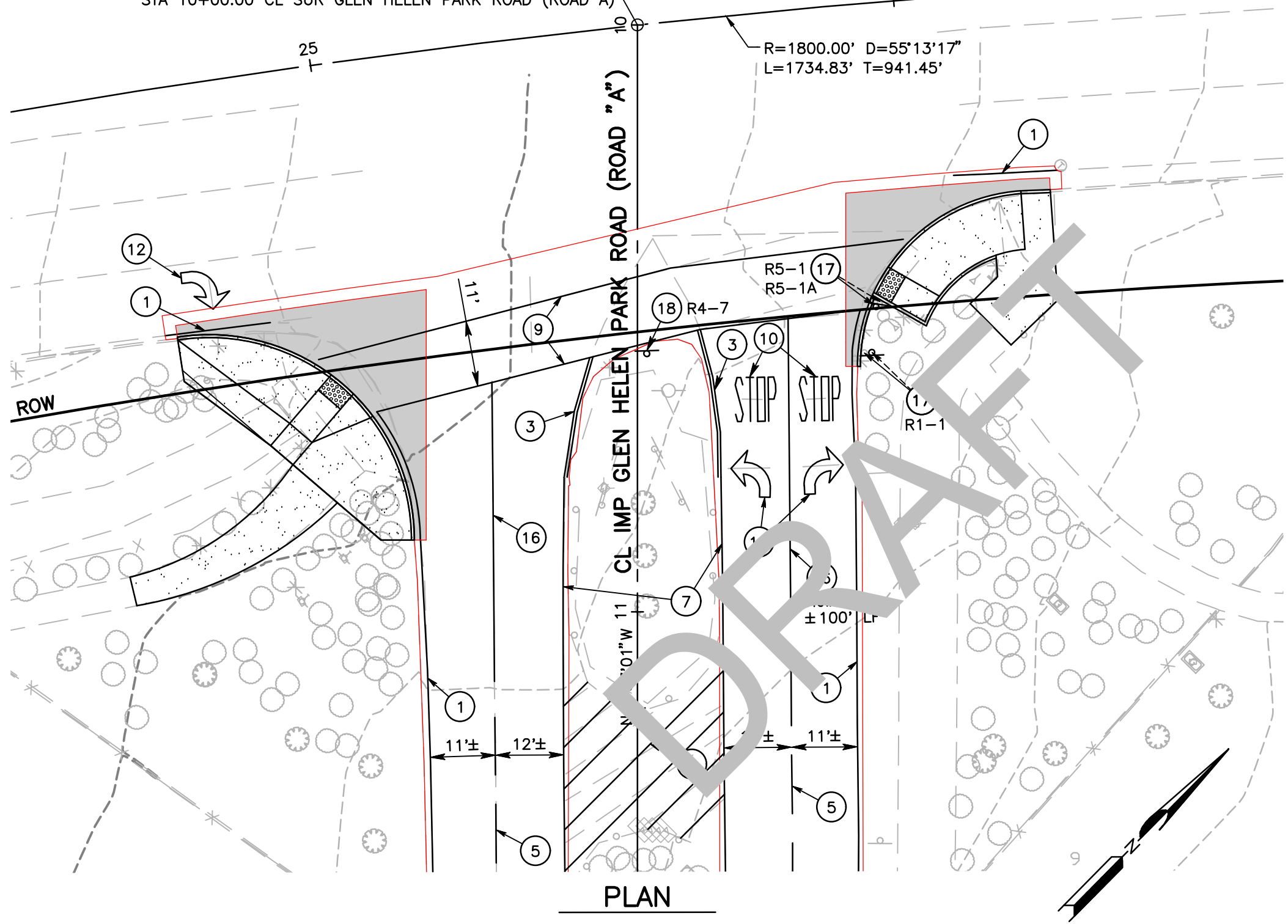
SHEET
7 OF 9



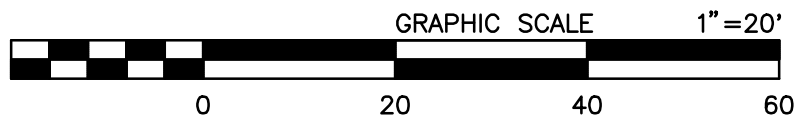
STA 25+56.15 CL SUR GLEN HELEN PARKWAY =
STA 10+00.00 CL SUR GLEN HELEN PARK ROAD (ROAD A)

26 CL SUR GLEN HELEN PARKWAY

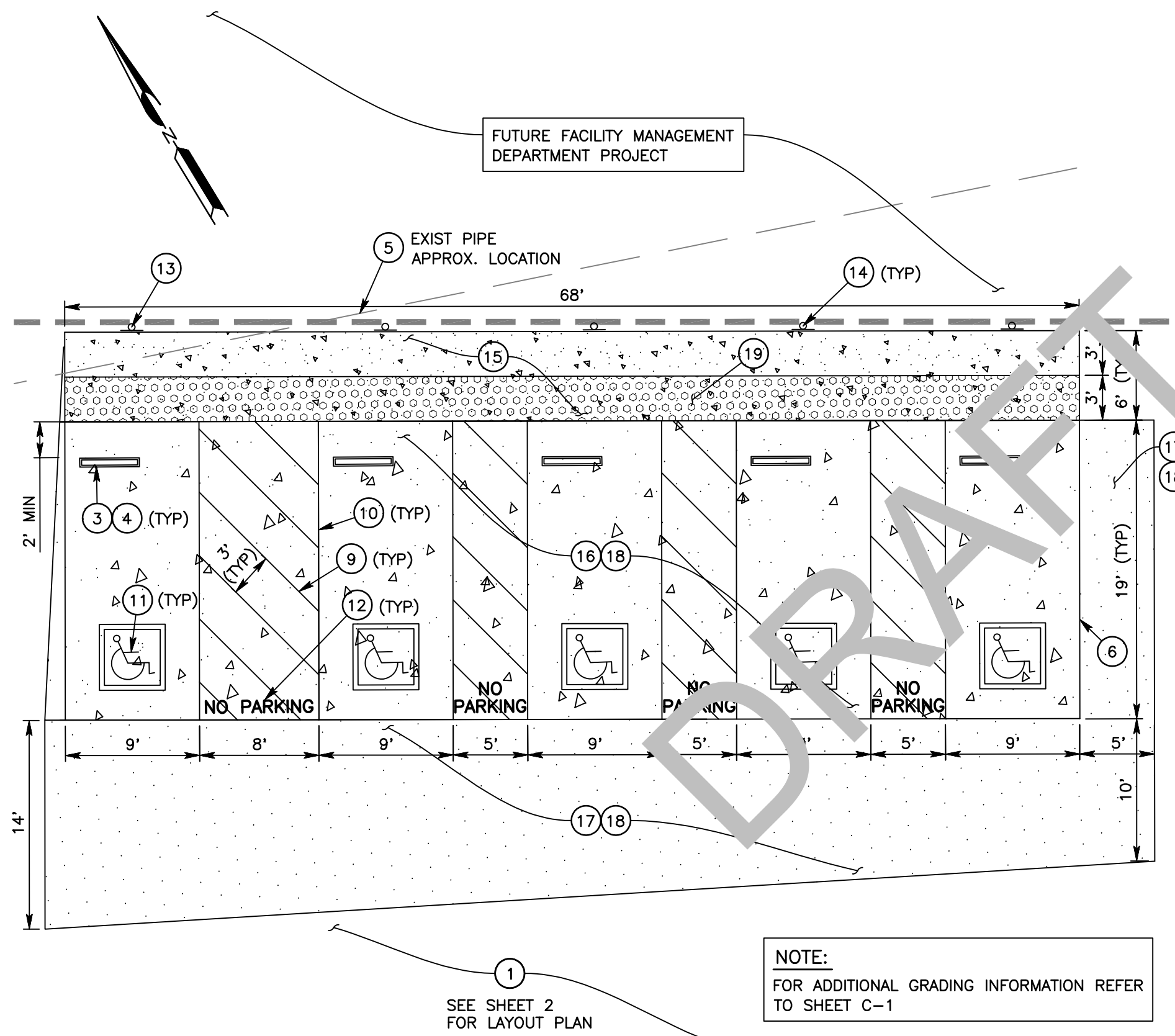
R=1800.00' D=55°13'17"
L=1734.83' T=941.45'



- CONSTRUCTION NOTES:
- 1 PAINT 6-INCH WHITE EDGELNE STRIPE PER CALTRANS 2018 STD PLAN A20B, DETAIL 27B
 - 3 PAINT DOUBLE 6-INCH YELLOW STRIPE PER CALTRANS 2018 STD PLAN A20A, DETAIL 21
 - 5 PAINT 6-INCH DASHED WHITE LINE STRIPE PER CALTRANS 2018 STD PLAN A20A, DETAIL 8
 - 7 PAINT 6-INCH YELLOW EDGELNE STRIPE PER CALTRANS 2018 STD PLAN A20B, DETAIL 24
 - 8 PAINT 12" YELLOW DIAGONAL CROSS HATCHING STRIPE 45° @ 5 FT SPACING PER CA MUTCD 2014, SECTION 3B.24
 - 9 PAINT 12-INCH SOLID WHITE CROSSWALK (BASIC) PER CALTRANS 2018 STD PLAN A24F
 - 10 PAINT STOP PAVEMENT MARKING PER CALTRANS 2018 STD PLAN A24D AS SHOWN ON PLAN
 - 12 PAINT TYPE IV ARROW PAVEMENT MARKING PER CALTRANS 2018 STD PLAN A24A
 - 16 PAINT 6-INCH SOLID WHITE LANE LINE PER CALTRANS 2018 STD PLAN A20D, DETAIL 8
 - 17 REMOVE AND RELOCATE EXISTING SIGN AS SHOWN ON PLAN AND PER CALIFORNIA MUTCD 2014, FIGURE 2A-2(CA)
 - 18 INSTALL NEW SIGN AS SHOWN ON PLAN AND PER CALIFORNIA MUTCD 2014, FIGURES 2A-2(CA)



PLAN



LEGEND:

	CONCRETE SIDEWALK		ACCESSIBLE SIGN
	CONCRETE SLAB		WHEEL STOP
	AC PAVEMENT		INTERNATIONAL SYMBOL OF ACCESSIBILITY
	DETECTABLE WARNING SURFACE		PROJECT LIMIT LINE

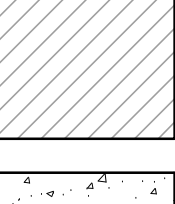
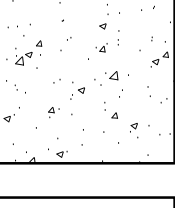
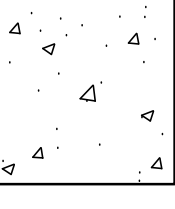
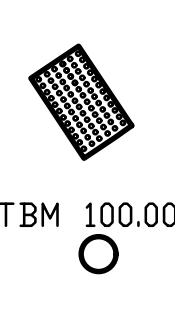
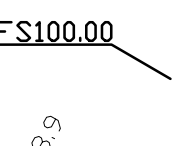
- CONSTRUCTION NOTES:**
- PLACE TREATMENT, AS FOLLOWS:
A) APPLY TACK COAT;
B) PLACE LEVELING COURSE TYPE A, 3/8" AGGREGATE GRADATION, PG 64-10 HMA;
C) APPLY POLYMER MODIFIED ASPHALTIC CHIP SEAL, 3/8" ROCKS;
D) APPLY SLURRY SEAL TYPE I.
 - REMOVE PRECAST CONCRETE WHEEL STOP INCLUDING DOWELS
 - PLACE RUBBER PARKING WHEEL STOP
 - PROTECT IN PLACE
 - PAINT 4" WHITE SOLID PARKING TRAFFIC STRIPE
 - PAINT 4" WHITE DIAGONAL HATCH AT 3' MAX CENTERS
 - PAINT 4" BLUE LINE BORDERS PARKING TRAFFIC STRIPE
 - PAINT PAVEMENT ACCESSIBLE PARKING MARKING PER 2018 CALTRANS STANDARD PLAN RSP A90A AND RSP A24C AND PER DETAIL 2 ON SHEET PW-04
 - PAINT WHITE "NO PARKING" PAVEMENT MARKING PER 2018 CALTRANS STANDARD PLAN RSP A90B
 - INSTALL VAN ACCESSIBLE SIGN PER DETAIL 1 ON SHEET PW-03
 - INSTALL ACCESSIBLE PARKING SIGN PER DETAIL 2 ON SHEET PW-03
 - CONSTRUCT 4" THICK CONCRETE SIDEWALK
 - CONSTRUCT 6" THICK CONCRETE SLAB
 - PLACE 0.25' THK OF TYPE A, 1/2" AGGREGATE GRADATION, PG 64-10 HMA OVER 0.33' THK CLASS 2 AGGREGATE BASE
 - SAWCUT AND REMOVE EXISTING AC SURFACING
 - PLACE DETECTABLE WARNING SURFACE PER CALTRANS A88A (MODIFIED)

NOTE:
FOR ADDITIONAL GRADING INFORMATION REFER TO SHEET C-1

SEE SHEET 2
FOR LAYOUT PLAN

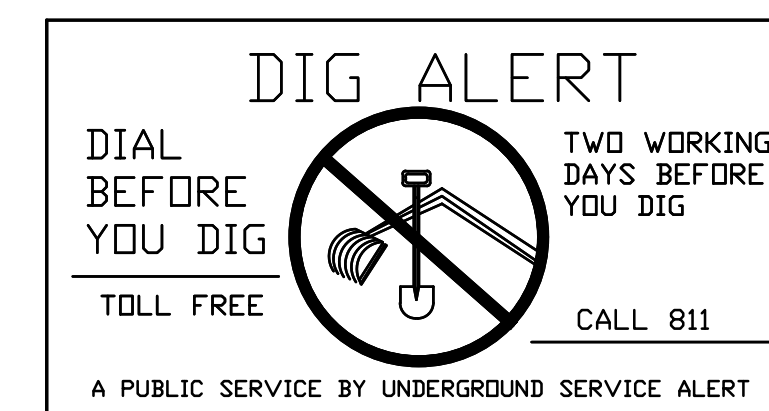
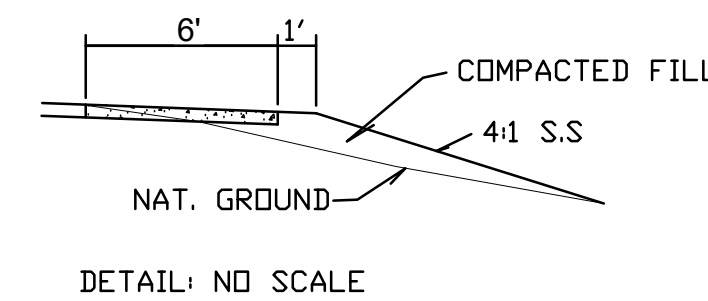


PUBLIC WORKS PROJECT H15188

- | | |
|---|--|
|  | <p>REMOVE AC PAVING AND/OR CONC. SLAB/SIDEWALK
REMOVE RESTROOM AND APPURTENANCES</p> |
|  | <p>CONSTRUCT 4' MIN. THICK CONC. SIDEWALK
INCL. IMPORT/EXPORT AND 6" SCARIFY
95% MIN. COMPACTION OF SUBGRADE</p> |
|  | <p>CONSTRUCT 6' MIN. THICK CONC. SLAB
INCL. IMPORT/EXPORT AND 6" SCARIFY
95% MIN. COMPACTION OF SUBGRADE</p> |
|  | <p>CONSTRUCT 3' MIN. THICK AC PAVING/4' CLII AGG BASE
INCL. IMPORT/EXPORT AND 6" SCARIFY
95% MIN. COMPACTION OF SUBGRADE
OR 6" CONCRETE PAVING</p> |
|  | <p>3'x5' DETECTABLE WARNING</p> |
|  | <p>TEMPORARY BENCHMARK: 1X2 NEAR TREE</p> |
| <p>FS100.00</p> | <p>PROPOSED FINISH SURFACE ELEV.</p> |
| <p>EX. ELEV.</p> | <p></p> |

CONSTRUCTION NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SAN BERNARDINO COUNTY STANDARD DRAWINGS AND SPECIFICATIONS..
2. ALL CUT AND FILL SHALL BE 4:1 SIDE SLOPE AND SHALL MATCH AC/CONCRETE FINISH SURFACES AND NATURAL GROUND.
3. ALL GRADING, OVEREX., SCARIFY, RECOMPACTION, IMPORT OR EXPORT SHALL BE A PART OF THE WORK AS REQUIRED.
4. ALL FINISH GRADING SHALL BE SMOOTH AND RESEDED AS DIRECTED BY THE PARK SUPERINTENDENT.
5. THE GRASS AREAS HAVE IRRIGATION SPRINKLER SYSTEMS. PLUG AND/OR REMOVE AS DIRECTED BY PARK SUPERINTENDENT DURING CONSTRUCTION AND REPAIR/REPLACE AS REQUIRED TO PROVIDE FULLY OPERATIONAL SYSTEM. CO-ORDINATE WITH PARK SUPERINDENDENT.
6. ALL AC AND CONC. AND EXCAVATED ITEMS SHALL BE REMOVED AS PART OF THE WORK.
7. PROTECT TREES AND EXIST. GRASS AND REPAIR DAMAGED GRASS SURFACES AS DIRECTED BY THE PARK SUPERINTENDENT.
8. NO SOILS REPORT HAS BEEN FURNISHED.
9. REMOVE OR REPAIR ALL UTILITIES, ETC.



42095 Zavo Dr. Suite A-15, Temecula, CA 92590
Phone: 951.296.9110 Fax: 951.296.8079 Email: stc@stcinc.com

CONSULTANT:

A.J. FRICK CIVIL
ENGINEERING

42095 ZEVO DR., SUITE A15
TEMECULA, CA 92590
PHONE: (951) 296-9110
FAX: (951) 296-6079

PROJECT ADMINISTERED BY:
SAN BERNARDINO COUNTY
PUBLIC WORKS
DEPARTMENT

385 N. ARROWHEAD AVE.
SAN BERNARDINO, CA 92415

PROJECT NAME:

GLEN HELEN REGIONAL PARK
REHABILITATION
PARKING LOT 1 & ROAD "A"
(PHASE II)

WORK ORDER: H15188

2555 GLEN HELEN PARKWAY
SAN BERNARDINO, CA 92407

[illegible]

SHEET INFORMATION:

PROJECT NO.: -
SCALE: AS NOTED
DATE: JULY 2022
PLOT DATE:
DRAWING NAME:

SEAL:



EXP. 09-30-23

SHEET TITLE:

GRADING PLAN

MEADOWLARK
SHELTER
ACCESSIBLE
PARKING

SHEET NO.:

C-1