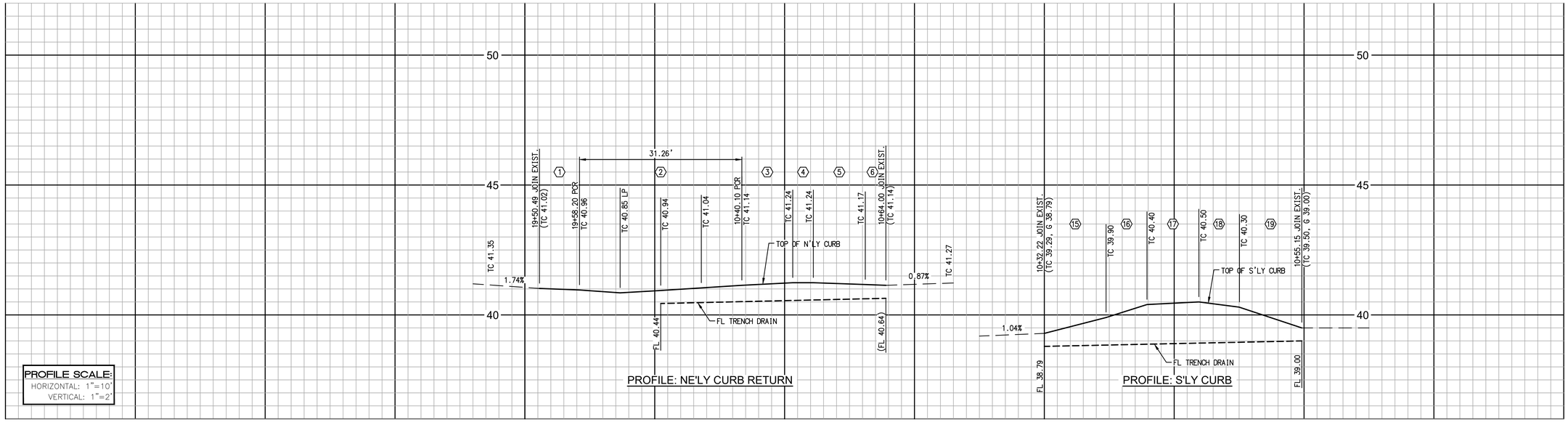


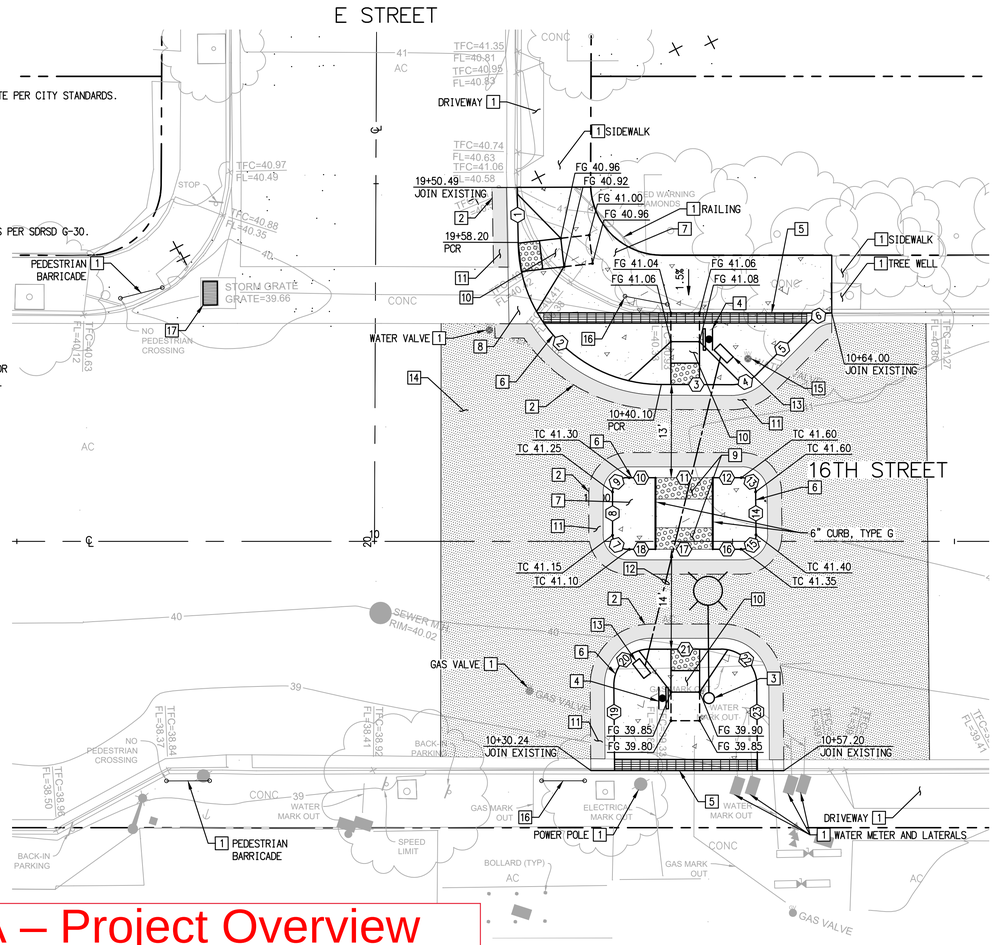
PROFILE SCALE:
HORIZONTAL: 1"=10'
VERTICAL: 1"=2'

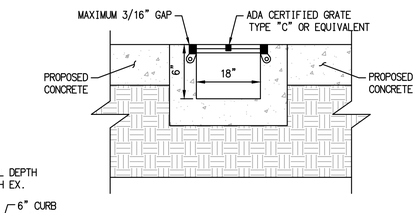
CONSTRUCTION NOTES

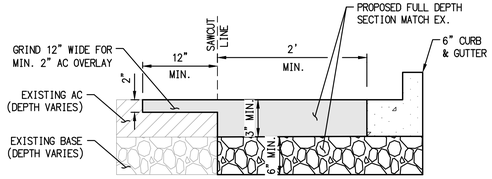
1. PROTECT IN PLACE.
2. SAW CUT EXISTING AC PAVEMENT PER DETAIL "A", THIS SHEET.
3. FURNISH AND INSTALL SOLAR STREET LIGHT STANDARD WITH FOUNDATION COMPLETE PER CITY STANDARDS.
4. FURNISH AND INSTALL SOLAR RECTANGULAR RAPID FLASHING BEACON WITH POLE AND FOUNDATION COMPLETE PER DETAIL "C" ON SHEET 3.
5. FURNISH AND INSTALL CURB CHANNEL PER DETAIL "B", THIS SHEET.
6. CONSTRUCT 6" CONCRETE CURB & GUTTER PER SDRSD G-2.
7. CONSTRUCT 4" PCC SIDEWALK PER SDRSD G-7 AND G-9.
8. CONSTRUCT PCC CROSS GUTTER PER SDRSD G-12.
9. FURNISH AND INSTALL YELLOW TRUNCATED DOMES PER SDRSD G-30.
10. CONSTRUCT CURB RAMP TYPE A-1 PER SDRSD G-28 WITH YELLOW TRUNCATED DOMES PER SDRSD G-30.
11. CONSTRUCT AC PAVEMENT. MATCH EXISTING SECTION.
12. FURNISH AND INSTALL 2" PVC CONDUIT WITH MULE TAPE FOR FUTURE USE.
13. FURNISH AND INSTALL #5 PULL BOX.
14. PERFORM 2" MILL AND VARIABLE DEPTH OVERLAY.
15. ADJUST EXISTING UTILITY TO GRADE.
16. REMOVE AND SALVAGE EXISTING BARRICADES.
17. RS EXISTING STORM DRAIN GRATE. FURNISH AND INSTALL NEW 25" X 40" ADA COMPLIANT GRATE. GRATE SHALL BE NEENAH CATALOG NO. R-4996 A12 TYPE M (OR APPROVED EQUAL). GRATE SHALL BE BOLTED DOWN FLUSH, THE CONTRACTOR SHALL DETERMINE THE DEPTH.

CURB DATA TABLE

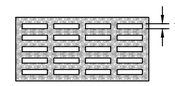
NO	BEARING/DELTA	RADIUS	LENGTH	NOTE
1	N 19°00'44" W	---	7.71'	6" C&G TYPE G
2	Δ=89°32'51"	20.00'	31.26'	6" C&G TYPE G
3	N 72°18'50" E	---	9.80'	6" C&G TYPE G
4	Δ=45°23'38"	5.00'	3.96'	6" C&G TYPE G
5	N 26°55'12" E	---	9.99'	6" C&G TYPE G
6	Δ=43°35'58"	5.00'	3.80'	6" C&G TYPE G
7	Δ=90°00'31"	2.00'	3.14'	6" MEDIAN C&G, TYPE B-2
8	N 17°53'31" W	---	6.00'	6" MEDIAN C&G, TYPE B-2
9	Δ=89°59'29"	2.00'	3.14'	6" MEDIAN C&G, TYPE B-2
10	N 72°06'48" E	---	4.00'	6" MEDIAN C&G, TYPE B-2
11	N 72°05'58" E	---	8.00'	6" C&G, TYPE B-2/FLUSH
12	N 72°06'11" E	---	4.00'	6" MEDIAN C&G, TYPE B-2
13	Δ=89°32'51"	2.00'	3.13'	6" MEDIAN C&G, TYPE B-2
14	N 18°21'11" W	---	6.00'	6" MEDIAN C&G, TYPE B-2
15	Δ=90°27'09"	2.00'	3.16'	6" MEDIAN C&G, TYPE B-2
16	N 72°06'11" E	---	4.00'	6" MEDIAN C&G, TYPE B-2
17	N 72°05'58" E	---	8.00'	6" C&G, TYPE B-2/FLUSH
18	N 72°05'57" E	---	4.00'	6" MEDIAN C&G, TYPE B-2
19	N 18°21'11" W	---	11.88'	6" C&G TYPE G
20	Δ=90°27'09"	5.00'	7.89'	6" C&G TYPE G
21	N 72°05'58" E	---	9.97'	6" C&G TYPE G
22	Δ=89°32'51"	5.00'	7.81'	6" C&G TYPE G
23	N 18°21'11" W	---	12.02'	6" C&G TYPE G





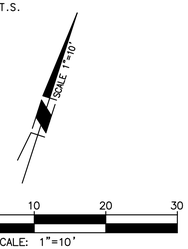


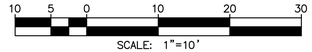
DETAIL "A"
SAW CUT & AC PAVEMENT SLOT PATCH
N.T.S



GRATE TO BE BOLTED DOWN FLUSH WITH TAMPER RESISTANT HARDWARE

DETAIL "B"
CURB CHANNEL
N.T.S.





SCALE: 1"=10'

LEGEND

- PROPOSED SAWCUT LINE
- PROPOSED 4" PCC SIDEWALK
- PROPOSED 2" MILL AND OVERLAY
- PROPOSED AC PAVEMENT OVER AB, MATCH FULL DEPTH SECTION IN KIND
- PROPOSED CURB CHANNEL

DIGALERT
DIAL TOLL FREE
1-800-227-2600
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

Exhibit A – Project Overview

STC TRAFFIC
5973 AVENIDA ENCINAS, SUITE 218, CARLSBAD, CA 92008
PHONE: 760-602-4290 WWW.STCTRAFFIC.COM

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THIS PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONAL CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF THESE PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF NATIONAL CITY IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME AS ENGINEER OF WORK OF MY RESPONSIBILITIES FOR THE PROJECT DESIGN.

[redacted] 2/18/2025
PHILIP R. KERN R.C.E. 40831 DATE

REGISTERED PROFESSIONAL ENGINEER PHILLIP R. KERN NO. 40831 CIVIL STATE OF CALIFORNIA

CALIFORNIA NATIONAL CITY 1887 INCORPORATED

PLANS FOR THE IMPROVEMENTS OF:
16TH ST AND E AVE PEDESTRIAN CROSSING IMPROVEMENT PLAN

CITY OF NATIONAL CITY

[redacted] 2/20/2025
STEPHEN MANGANIELLO, RTE 2973 DATE
DIRECTOR OF ENGINEERING AND PUBLIC WORKS

PROJECT NO. | CIP NO.

SHEET 3 OF 3 SHEETS

ENGINEERING DEPARTMENT
AS-BUILT
REVISIONS

BY	APPROVED	DATE

UTILITY DEPARTMENTS

	TELEPHONE
SDGE	
ELECTRICAL, HASER MARABEH	(858) 549-6516
GAS MAPS, HUEY MITCHELL	(858) 547-2080
TELECOMMUNICATIONS, DEAN TATEYAMA	(619) 260-4312
COX COMMUNICATIONS, GARY COOPER	(619) 266-5387
AT&T SUBSTRUCTURES, PATTI SLADEK	(858) 886-1935

CONSTRUCTION RECORDS
DATE STARTED:
INSPECTOR:
DATE COMPLETED:
SURVEYOR:

jwalters Feb 18, 2025 - 12:43pm R:\Shared With Me\STC Data\Projects\National City\0867_Pedestrian Crossing at E 16th & E Ave\07_Engineering\CADD\dlv\0867_DLV_02_JM.dwg