

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

04

SON

116

26.6/27.5

1

5

CONSTRUCTION PLANS FOR
CITY OF SEBASTOPOL CONTRACT NO. 2026-03

HIGHWAY SAFETY IMPROVEMENT PROGRAM

PEDESTRIAN CROSSING ENHANCEMENTS ON SR-116

HSIP PROEJCT ID: H11-04-049

N MAIN ST & KEATING AVE; S MAIN ST & BURNETT ST; PETALUMA AVE & WALKER AVE; GRAVENSTEIN HWY & HUTCHINS AVE

CITY OF SEBASTOPOL, CALIFORNIA

GENERAL NOTES: (APPLIES TO ALL SHEETS)

1. ALL MATERIAL, WORKMANSHIP, AND CONSTRUCTION SHALL CONFORM TO THE CITY OF SEBASTOPOL 2021 STREET STANDARDS, THE 2025 CALTRANS STANDARD PLANS (CSP) AND SPECIFICATIONS, AND THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA–MUTCD) LATEST REVISION.

2. CONTRACTOR SHALL GIVE THE CITY’S PUBLIC WORKS DEPARTMENT 48 HOURS NOTICE BEFORE STARTING WORK.

3. WORK HOURS ARE LIMITED TO MONDAY THROUGH FRIDAY, 7:00 AM. TO 5:00 P.M. INSPECTION WILL BE AVAILABLE MONDAY THROUGH FRIDAY FROM 8:00 AM. TO 4:00 P.M. CONTRACTORS SHALL SCHEDULE INSPECTIONS 48 HOURS IN ADVANCE.

4. ANY DISCREPANCY DISCOVERED BY CONTRACTOR IN THESE PLANS OR ANY FIELD CONDITIONS DISCOVERED BY CONTRACTOR THAT MAY DELAY OR OBSTRUCT THE PROPER COMPLETION OF THE WORK PER THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE CITY ENGINEER IMMEDIATELY UPON DISCOVERY. NOTIFICATION SHALL BE IN WRITING.

5. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING NOISE, ODORS, DUST AND DEBRIS TO MINIMIZE IMPACTS ON SURROUNDING PROPERTIES AND ROADWAYS. CONTRACTOR SHALL BE RESPONSIBLE TO ASSURE THAT ALL CONSTRUCTION EQUIPMENT IS EQUIPPED WITH MANUFACTURERS APPROVED MUFFLER’S AND BAFFLES. FAILURE TO COMPLY MAY RESULT IN THE ISSUANCE OF A STOP WORK ORDER.

6. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL HALT CONSTRUCTION IMMEDIATELY, NOTIFY THE CITY ENGINEER, AND IMPLEMENT REMEDIATION AS DIRECTED BY THE CITY OR ITS AGENTS.

9. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL BY CITY STAFF THAT COMPLIES WITH THE CA–MUTCD.

10. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TRAFFIC FLOW ON AFFECTED ROADWAYS DURING NON–WORKING HOURS, AND TO MINIMIZE TRAFFIC RESTRICTION DURING CONSTRUCTION. NO EXISTING STREET SHALL BE ALLOWED TO BE COMPLETELY CLOSED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE CITY ENGINEER. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED THROUGH CONSTRUCTION.

11. ALL EXISTING OR PROPOSED OVERHEAD AND UNDERGROUND UTILITIES SHALL BE PROTECTED THROUGHOUT THE CONSTRUCTION OF THE PROJECT IMPROVEMENTS.

DATE SIGNED

4/28/2026

LICENSE Exp. DATE

3/31/2028

REGISTRATION No.

43159

CONSULTANT DESIGN ENGINEER

STEPHEN J. WEINBERGER, P.E.

VICINITY MAP

1"=1000'

PROJECT LOCATION

SHEET INDEX

DESCRIPTION	SHEET NO
TITLE SHEET	1
NORTH MAIN STREET (SR 116)/KEATING AVENUE PEDESTRIAN IMPROVEMENTS	2
SOUTH MAIN STREET (SR 116)/BURNETT STREET PEDESTRIAN IMPROVEMENTS	3
PETALUMA AVENUE (SR 116)/WALKER AVENUE PEDESTRIAN IMPROVEMENTS	4
GRAVENSTEIN HIGHWAY (SR 116)/HUTCHINS AVENUE PEDESTRIAN IMPROVEMENTS	5

PLANS APPROVED BY:

MARIO LANDEROS, INTERIM CITY ENGINEER
CITY OF SEBASTOPOL

DATE

DESIGNED BY
CJN

CHECKED BY
SJW

STEPHEN J. WEINBERGER, P.E.

R.C.E. NO. 43159

REGISTERED PROFESSIONAL ENGINEER
STEPHEN J. WEINBERGER
C043159
CIVIL
STATE OF CALIFORNIA

DRAWN BY
NMS

4/28/2026
DATE

UNDERGROUND SERVICE ALERT

DIAL TOLL FREE
1–800–227–2600
OR 811
AT LEAST TWO WORKING DAYS
BEFORE DIGGING

W-Trans

490 Mendocino Avenue, Suite 201
Santa Rosa, CA 95401
(707) 542-9500 Fax (707) 542-9590

DGN FILE = SEB914–J_100.dwg

RELATIVE BORDER SCALE
IS IN INCHES

0

1

2

3

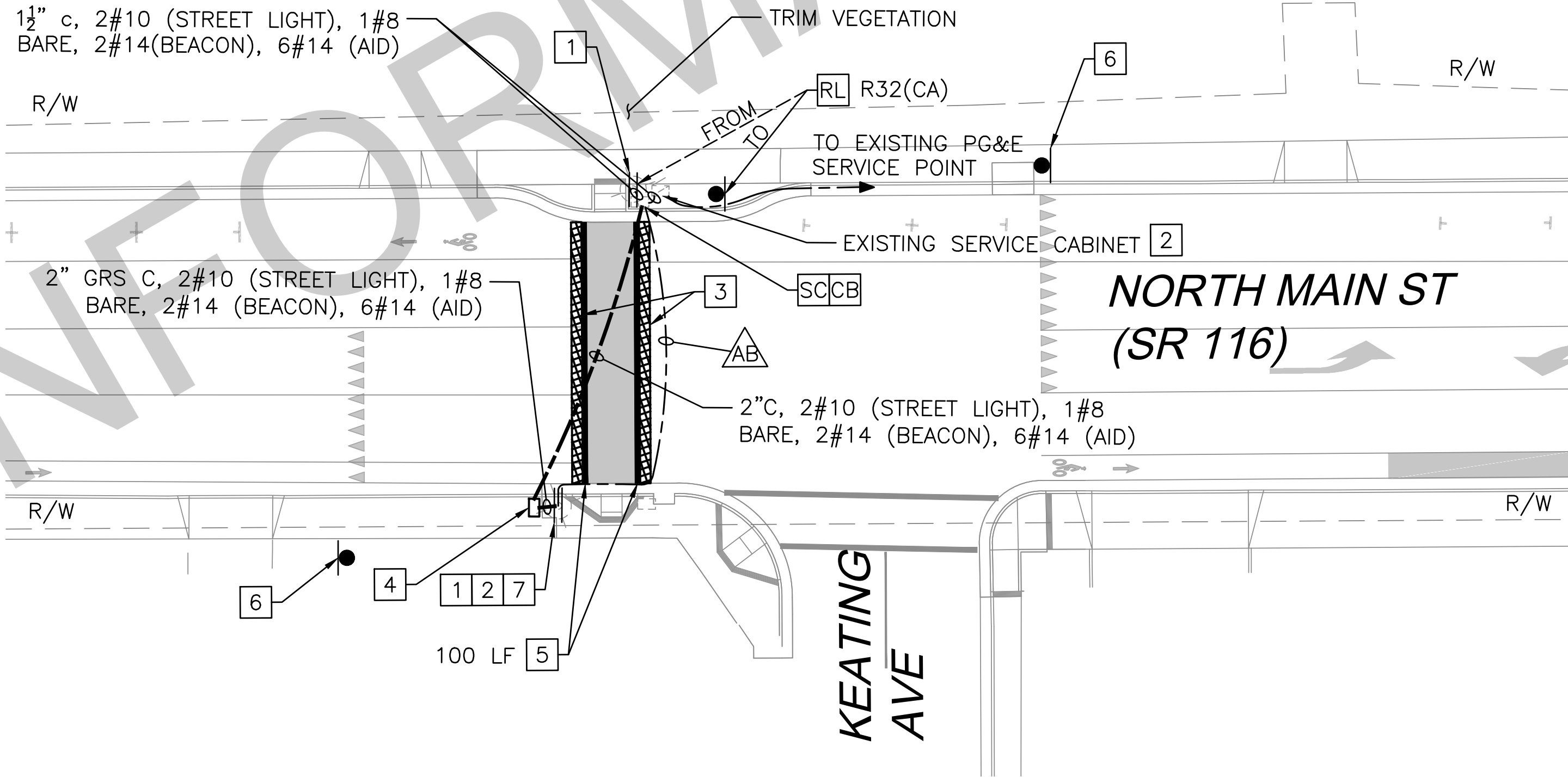
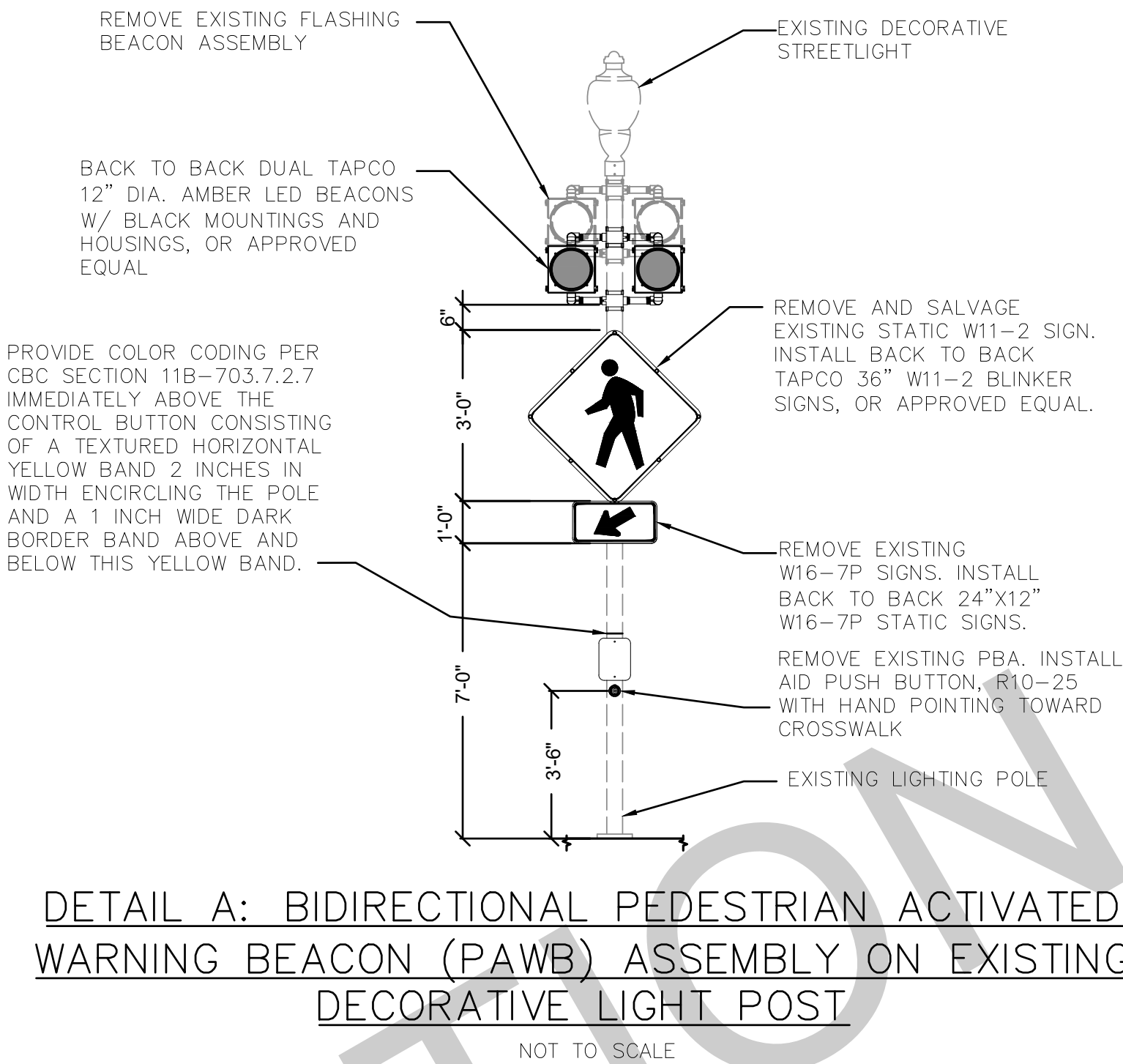
TITLE SHEET

GENERAL NOTES: (APPLIES TO SHEETS 2 TO 5)

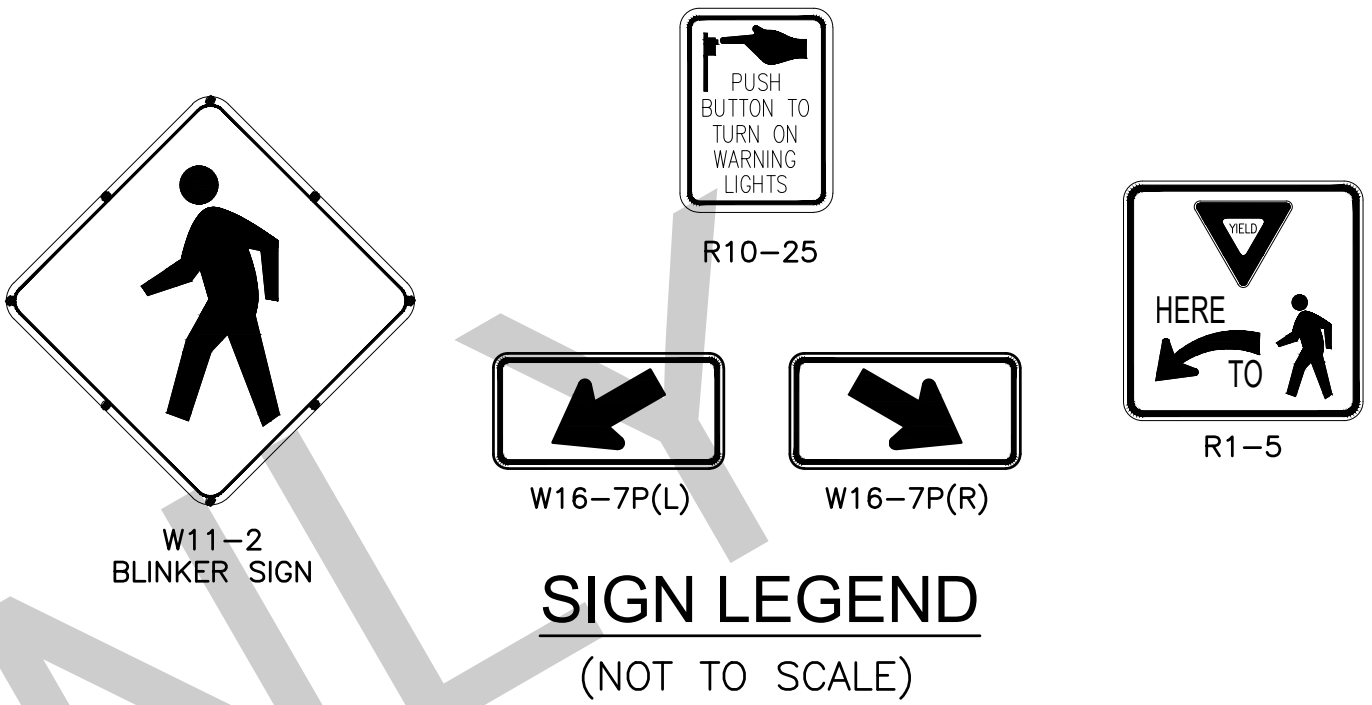
- WORK SHOWN ON THIS SHEET IS ACCURATE FOR PEDESTRIAN ACTIVATED WARNING BEACON (PAWB), PAVEMENT WORK, AND SIGNING WORK ONLY.
- ALL MATERIAL, WORKMANSHIP, AND CONSTRUCTION SHALL CONFORM TO THE CITY OF SEBASTOPOL STREET STANDARDS, THE 2025 CALTRANS STANDARD PLANS (CSP) AND SPECIFICATIONS, AND THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD) LATEST REVISION.
- CONTRACTOR SHALL CALL U.S.A. AT 811 OR 1-800-642-2444 AND HAVE UTILITIES MARKED AT LEAST TWO WORKING DAYS BEFORE BEGINNING ANY WORK.
- CONTRACTOR SHALL AVOID DAMAGING ALL EXISTING FACILITIES, SHOWN OR NOT SHOWN ON THESE PLANS. FACILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.
- CONTRACTOR SHALL MARK POLE LOCATIONS AND HAVE THEM VERIFIED BY THE CITY ENGINEER A MINIMUM OF 48 HOURS PRIOR TO INSTALLATION.
- CONTRACTOR SHALL VERIFY OVERHEAD CLEARANCE WITH UTILITY COMPANIES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE ALL EQUIPMENT NECESSARY FOR COMPLETE PAWB OPERATING SYSTEM.
- THE PUSH BUTTON SHALL BE THE POLARA INX MODEL AUDIBLE INFORMATION DEVICE (AID) OR APPROVED EQUAL CONFIRMING TO CALTRANS ADA REQUIREMENTS.
- PAWB SHALL BE THE TAPCO BLINKERBEACON OR APPROVED EQUAL.
- LIGHTED PEDESTRIAN CROSSING SIGNS SHALL BE THE TAPCO BLINKERSIGN 36"X36" OR APPROVED EQUAL.
- CONTROLLER SHALL BE TAPCO OR APPROVED EQUAL.
- PAWB SYSTEM SHALL OPERATE ON SOLAR POWER WITH BATTERY OR BE CONNECTED TO THE EXISTING POWER SUPPLY WHERE EXISTING PAWB SYSTEMS ARE PRESENT.
- SIDEWALKS WITHIN CALTRANS RIGHT-OF-WAY (ROW) SHALL BE 0.33' PCC / 0.5' AB (2) OR AS (2). REFER TO CALTRANS STANDARD PLANS A87A FOR MORE INFORMATION ON CURB & GUTTER, SIDEWALKS, AND DRIVEWAYS.

PROJECT NOTES: (THIS SHEET ONLY)

- REMOVE AND DISPOSE OF EXISTING FLASHING BEACON LIGHTS, W11-2 AND W16-7P(L) SIGNS, AND PUSH BUTTON ASSEMBLY (PBA). INSTALL PAWB ASSEMBLY WITH BEACONS ON BOTH SIDES OF EXISTING POLE. SEE DETAIL A, THIS SHEET. INSTALL NEW AID PBA IN PLACE OF EXISTING PBA. W16-7P ARROWS SHALL POINT TOWARD SR 116 CENTERLINE. CONFORM TO NEC SECTION 250.50 REQUIREMENTS. CONTRACTOR TO CONNECT PAWB SYSTEM TO EXISTING POWER SUPPLY.
- REMOVE AND SALVAGE EXISTING CONTROLLER. INSTALL NEW CONTROLLER PER MANUFACTURER'S RECOMMENDATIONS.
- 2" GRIND AND OVERLAY (2' WIDE). REMOVE EXISTING IN-PAVEMENT WARNING LIGHTS ON EACH SIDE OF CROSSWALK. ABANDON EXISTING CONDUCTORS.
- INSTALL NO. 5 PULL BOX PER 2024 CALTRANS STANDARD PLAN ES-8A.
- REFRESH EXISTING 12" WHITE CROSSWALK MARKINGS.
- INSTALL R1-5 ON NEW POST.
- FURNISH AND INSTALL 2" GRS CONDULET INTO EXISTING POLE.
- RELOCATE EXISTING SIGN TO NEW POST.



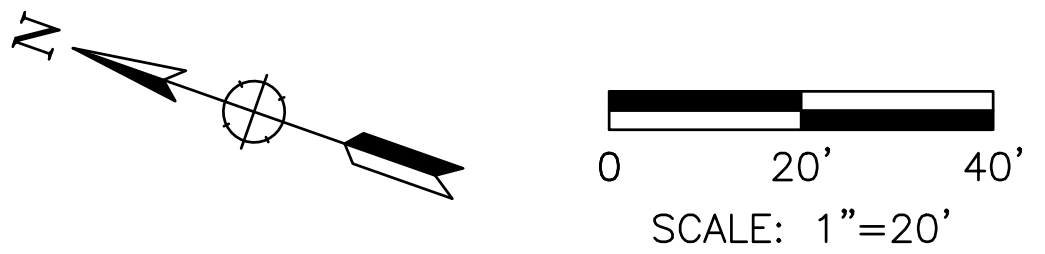
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SON	116	26.6/27.5	2	5



PAWB ASSEMBLY QUANTITIES	
COMPONENT	QUANTITY
ROUND FLASHERS	8 EA
PUSH BUTTON ASSEMBLY	2 EA
CONTROLLER	1 EA
PULL BOX	1 EA
2" CONDUIT	60 LF

REMOVAL QUANTITIES	
ITEM	QUANTITY
W11-2	2 EA
W16-7P(L)	2 EA
PUSH BUTTON ASSEMBLY	2 EA
IN-PAVEMENT WARNING LIGHTS	18 EA
MILL AND OVERLAY	200 SF

NEW SIGNING QUANTITIES	
SIGN	QUANTITY
W11-2 (BLINKER)	4 EA
W16-7P(R)	2 EA
W16-7P(L)	2 EA
R10-25	2 EA
R1-5	2 EA



DESIGNED BY CJN		DRAWN BY NMS
CHECKED BY SJW		DATE 4/28/2026
STEPHEN J. WENBERGER, R.C.E. NO. 43159		

UNDERGROUND SERVICE ALERT

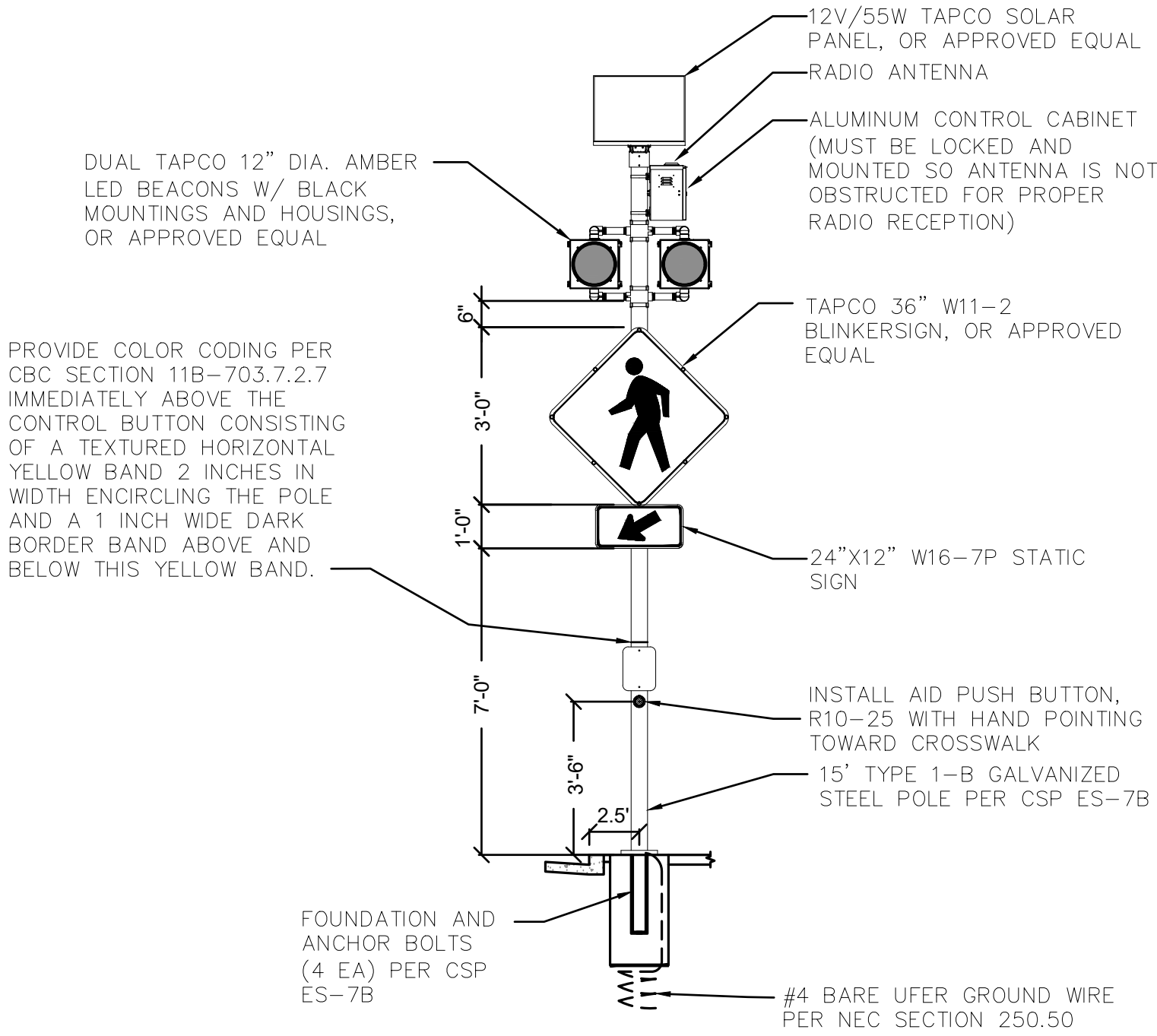
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1-800-227-2600
OR 811
AT LEAST TWO WORKING DAYS
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811

W-Trans

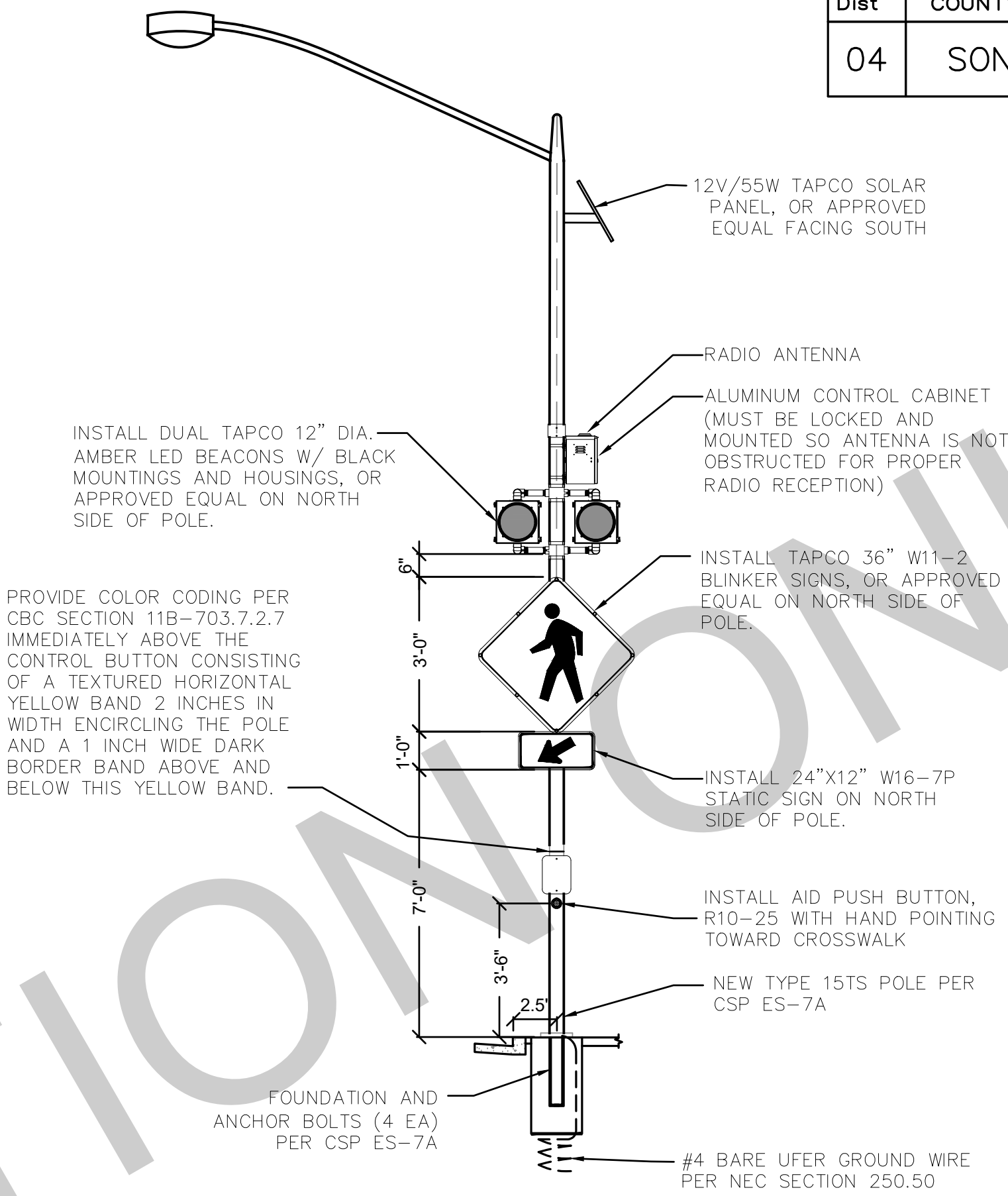
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SON	116	26.6/27.5	3	5



DETAIL B: PEDESTRIAN ACTIVATED WARNING BEACON (PAWB) ASSEMBLY WITH CONTROLLER ON TYPE 1-B

NOT TO SCALE

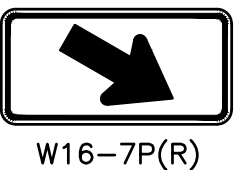
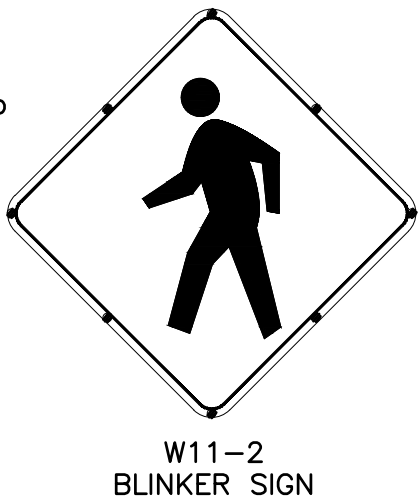
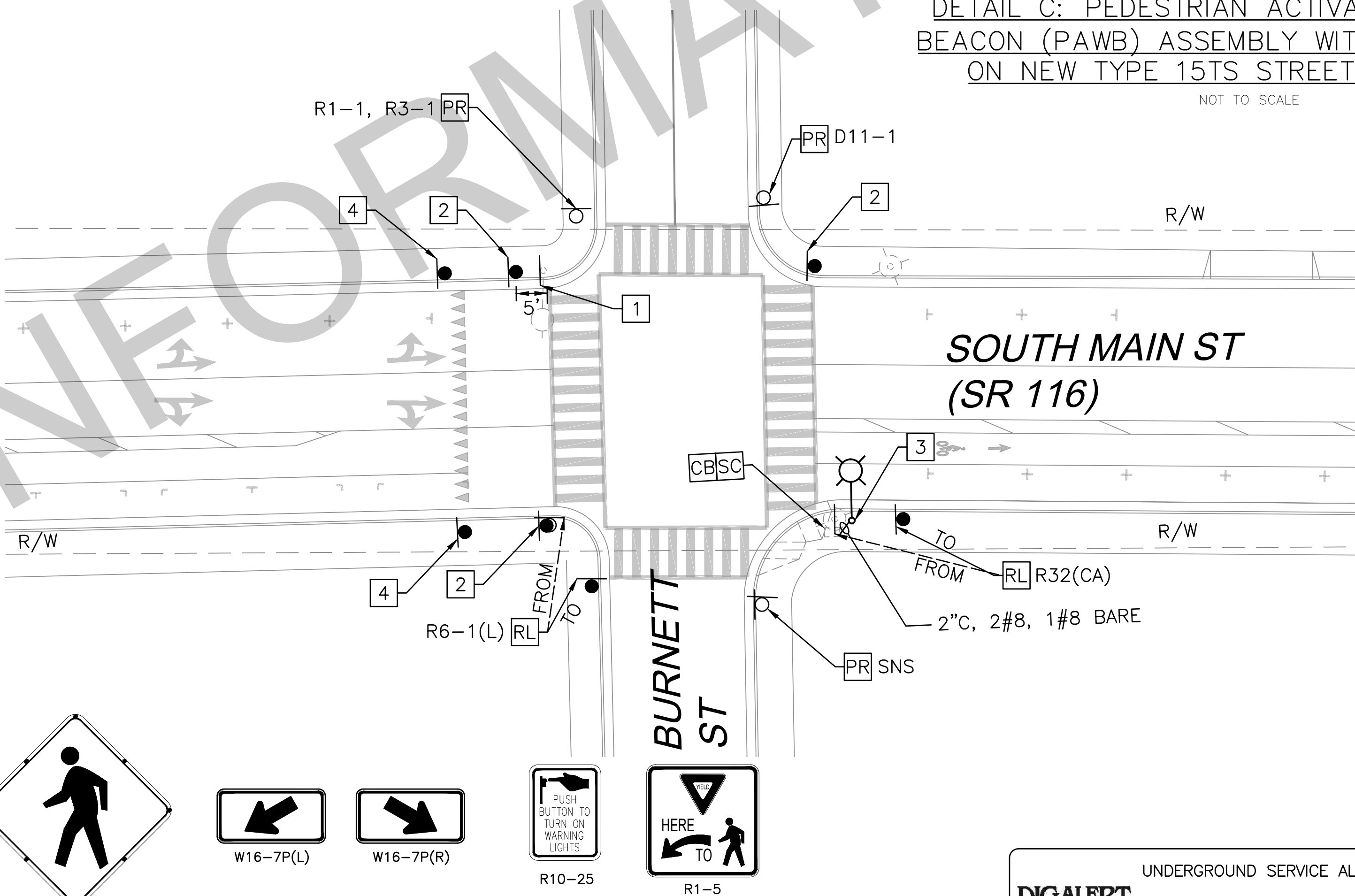


DETAIL C: PEDESTRIAN ACTIVATED WARNING BEACON (PAWB) ASSEMBLY WITH CONTROLLER ON NEW TYPE 15TS STREETLIGHT POLE

NOT TO SCALE

PROJECT NOTES: (THIS SHEET ONLY)

- 1 REMOVE AND DISPOSE OF EXISTING W11-2 AND W16-7P(R) SIGNS ON EXISTING STREETLIGHT.
 - 2 INSTALL PAWB ASSEMBLY WITH CONTROLLER, SOLAR PANEL, FLASHING SIGNS, AND BEACONS ON NORTH SIDE OF 15' TALL TYPE 1-B POLE. SEE DETAIL B, THIS SHEET. INSTALL SINGLE AID PBA ON CROSSWALK SIDE OF POLE. NEW POLE SHALL BE INSTALLED SO THAT A LEVEL 2.5' BY 4' AREA IS PROVIDED BETWEEN PUSH BUTTON AND CURB RAMP OR NEAREST STREETLIGHT. RELOCATE TRASH CANS AS NEEDED TO ACCOMMODATE NEW POLE. W16-7P ARROW SHALL POINT TOWARD SR 116 CENTERLINE. FACE OF POLE SHALL BE 18" OFF FACE OF CURB. INSTALL 25 FEET OF #4 BARE UFER GROUND WIRE, BOND TO GROUNDING LUG OR ANCHOR BOLT. COIL AGAINST SOIL AT BASE OF FOUNDATION IN 12-INCH (MIN) RADIUS. CONFORM TO NEC SECTION 250.50 REQUIREMENTS.
 - 3 REMOVE EXISTING DECORATIVE STREETLIGHT POLE AND FOUNDATION COMPLETELY AND INSTALL NEW TYPE 15TS STREETLIGHT POLE AND FOUNDATION PER CALTRANS STANDARD PLAN ES-7A. NEW POLE SHALL BE INSTALLED SO THAT A LEVEL 2.5' BY 4' AREA IS PROVIDED BETWEEN PUSH BUTTON AND CURB RAMP. INSTALL PAWB ASSEMBLY WITH CONTROLLER, SOLAR PANEL, FLASHING SIGNS, AND BEACONS ON NORTH SIDE OF NEW TYPE 15TS POLE. SEE DETAIL C, THIS SHEET. INSTALL NEW AID PBA ON CROSSWALK SIDE OF POLE. W16-7P ARROW SHALL POINT TOWARD SR 116 CENTERLINE. CONFORM TO NEC SECTION 250.50 REQUIREMENTS.
 - 4 INSTALL R1-5 ON NEW POST.
- PR PROTECT EXISTING SIGN IN PLACE.
- RL RELOCATE EXISTING SIGN TO NEW POST.



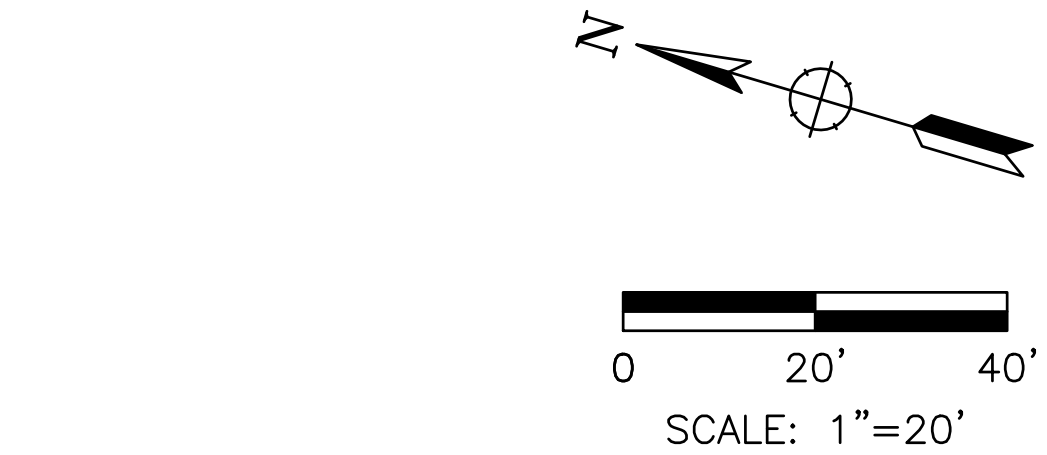
SIGN LEGEND

(NOT TO SCALE)

DIGALERT

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DESIGNED BY
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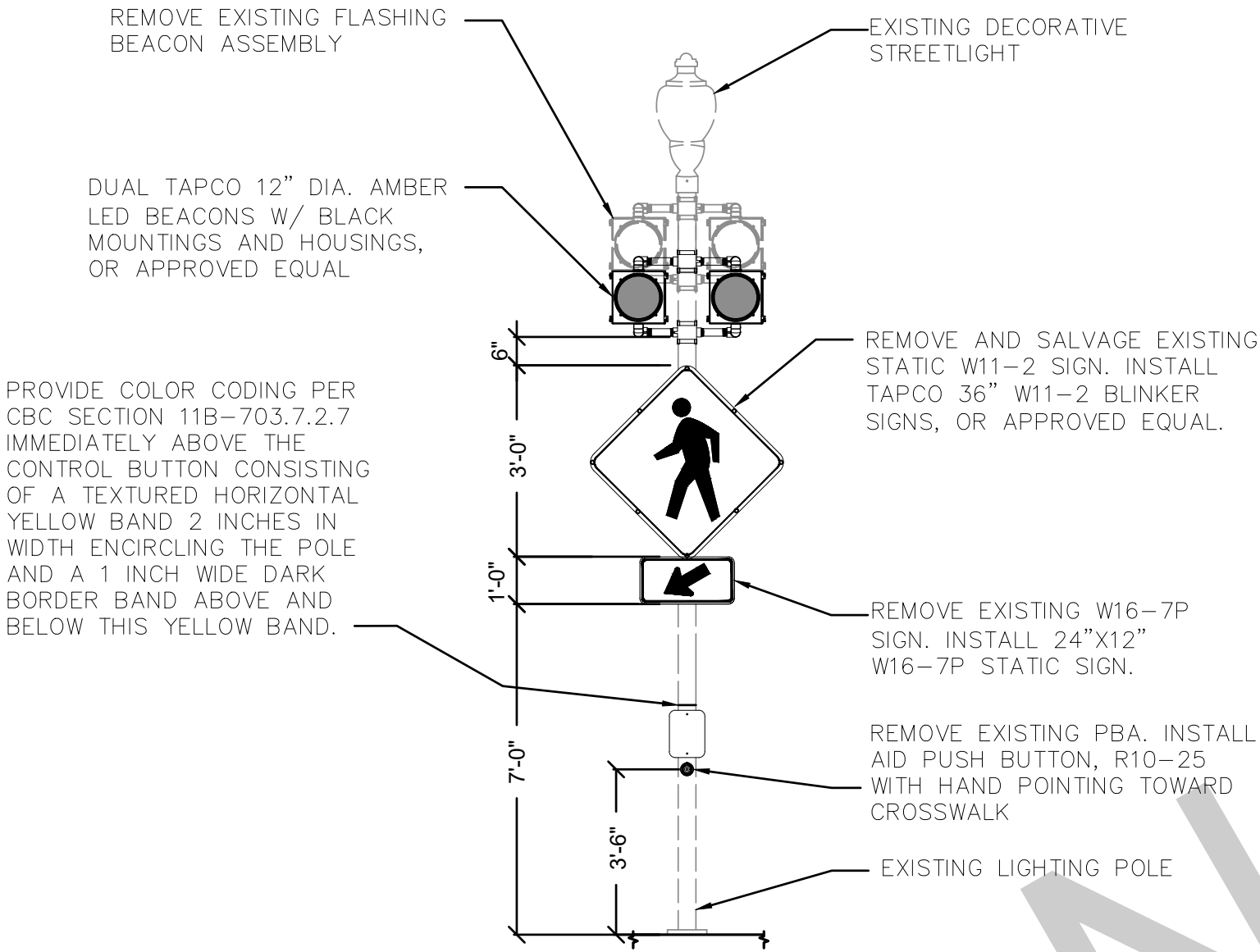
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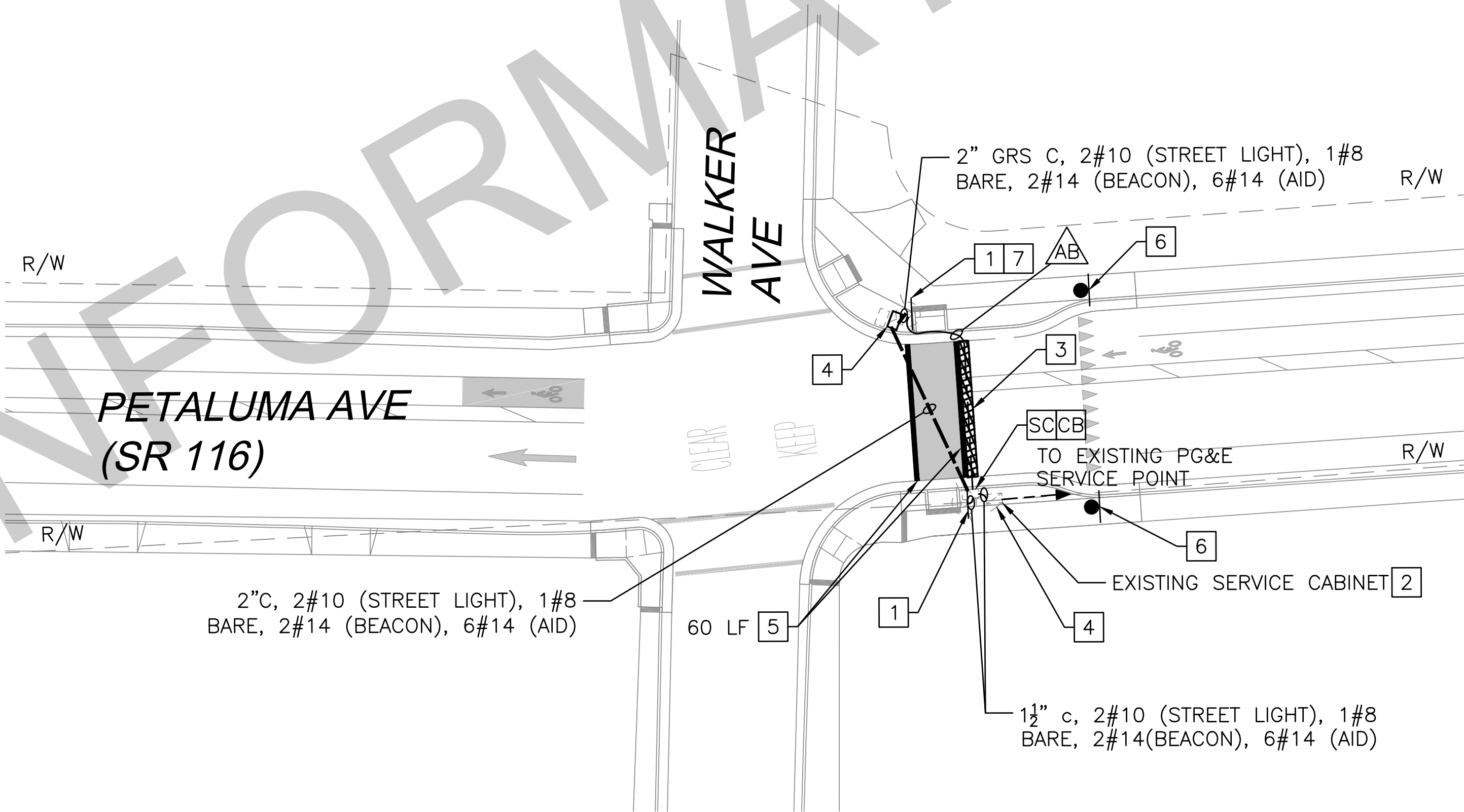
PROJECT NOTES: (THIS SHEET ONLY)

- 1 REMOVE AND DISPOSE OF EXISTING FLASHING BEACON LIGHTS, W11-2 AND W16-7P SIGNS, AND PUSH BUTTON ASSEMBLY (PBA). INSTALL NEW PAWB ASSEMBLY WITH BEACONS ON SOUTH SIDE OF EXISTING POLE. SEE DETAIL D, THIS SHEET. INSTALL NEW AID PBA IN PLACE OF EXISTING PBA. W16-7P ARROW SHALL POINT TOWARD SR 116 CENTERLINE. CONFORM TO NEC SECTION 250.50 REQUIREMENTS. CONTRACTOR TO CONNECT PAWB SYSTEM TO EXISTING POWER SUPPLY.
- 2 REMOVE AND SALVAGE EXISTING CONTROLLER. INSTALL NEW CONTROLLER PER MANUFACTURER'S RECOMMENDATIONS.
- 3 2" GRIND AND OVERLAY (2' WIDE). REMOVE EXISTING IN-PAVEMENT WARNING LIGHTS ON SOUTH SIDE OF CROSSWALK. ABANDON EXISTING CONDUCTORS.
- 4 INSTALL NO. 5 PULL BOX PER 2024 CALTRANS STANDARD PLAN ES-8A.
- 5 REFRESH EXISTING 12" WHITE CROSSWALK MARKINGS.
- 6 INSTALL R1-5 ON NEW POST.
- 7 FURNISH AND INSTALL 2" GRS CONDULET INTO EXISTING POLE.

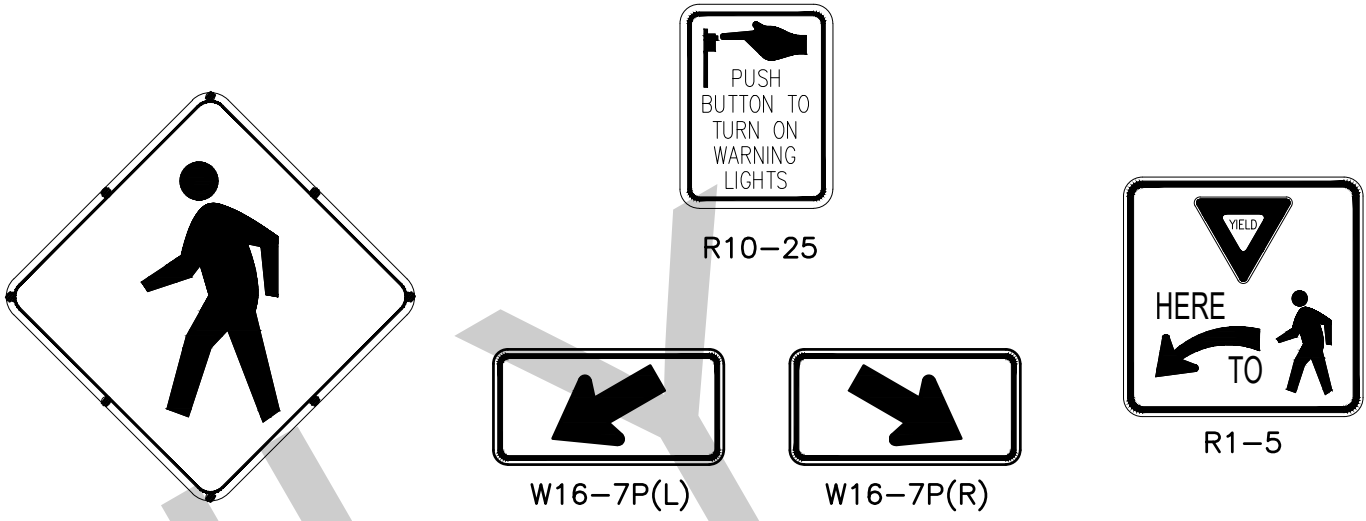


DETAIL D: PEDESTRIAN ACTIVATED WARNING BEACON (PAWB) ASSEMBLY ON EXISTING DECORATIVE LIGHT POST

NOT TO SCALE



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SON	116	26.6/27.5	4	5

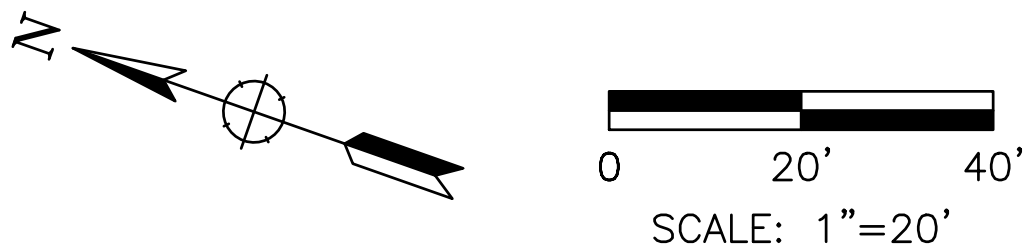


SIGN LEGEND
(NOT TO SCALE)

PAWB ASSEMBLY QUANTITIES	
COMPONENT	QUANTITY
ROUND FLASHERS	4 EA
PUSH BUTTON ASSEMBLY	2 EA
CONTROLLER	1 EA
PULL BOX	1 EA
2" CONDUIT	40 LF

REMOVAL QUANTITIES	
ITEM	QUANTITY
W11-2	2 EA
W16-7P	2 EA
PUSH BUTTON ASSEMBLY	2 EA
IN-PAVEMENT WARNING LIGHTS	5 EA
MILL AND OVERLAY	60 SF

NEW SIGNING QUANTITIES	
SIGN	QUANTITY
W11-2 (BLINKER)	2 EA
W16-7P(R)	1 EA
W16-7P(L)	1 EA
R10-25	2 EA
R1-5	2 EA



DESIGNED BY CJN		DRAWN BY NMS
CHECKED BY SJW		DATE 4/28/2026
STEPHEN J. WEINBERGER, R.C.E. NO. 43159		



UNDERGROUND SERVICE ALERT
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OR 811
AT LEAST TWO WORKING DAYS
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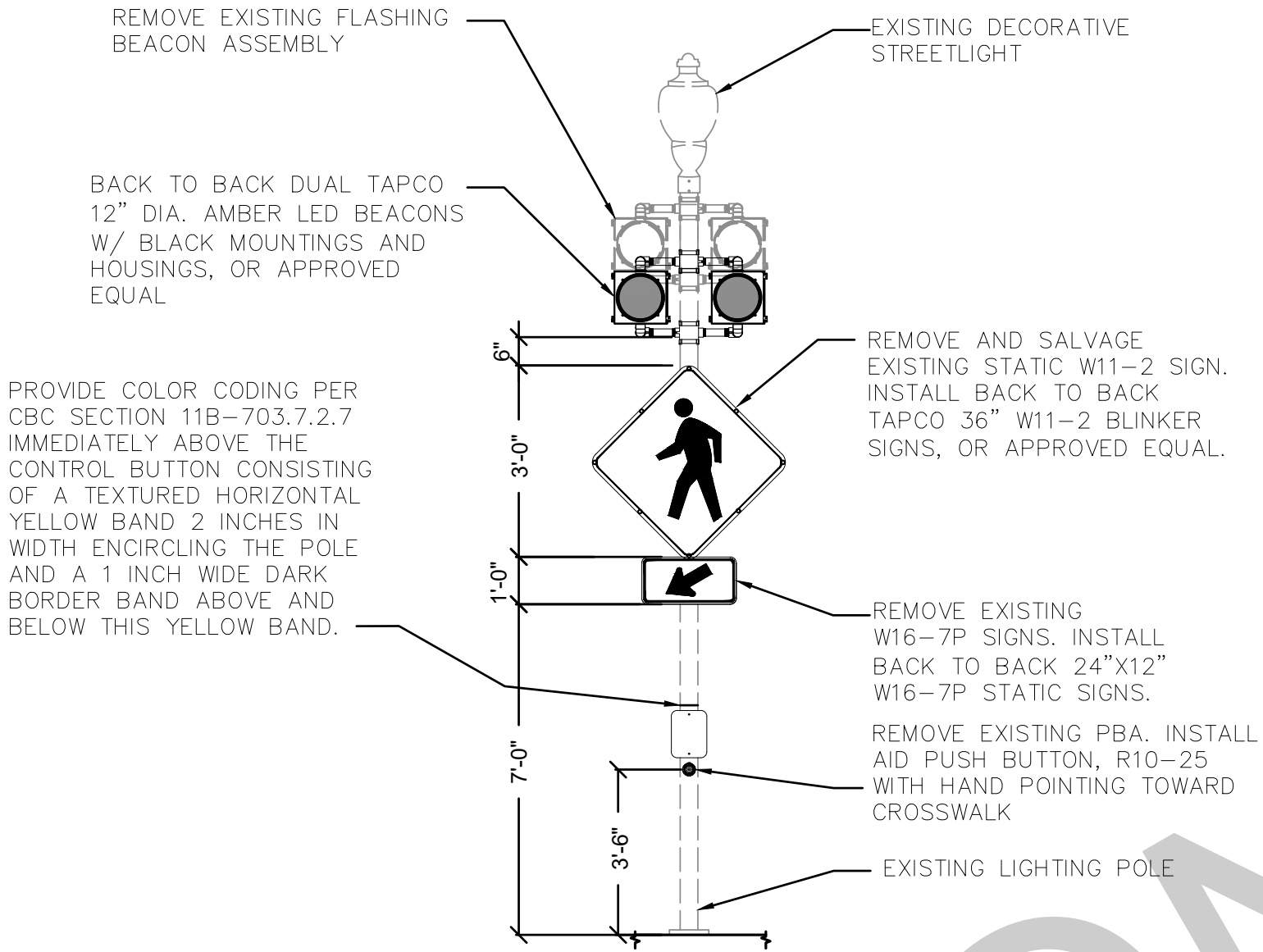




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Santa Rosa, CA 95401
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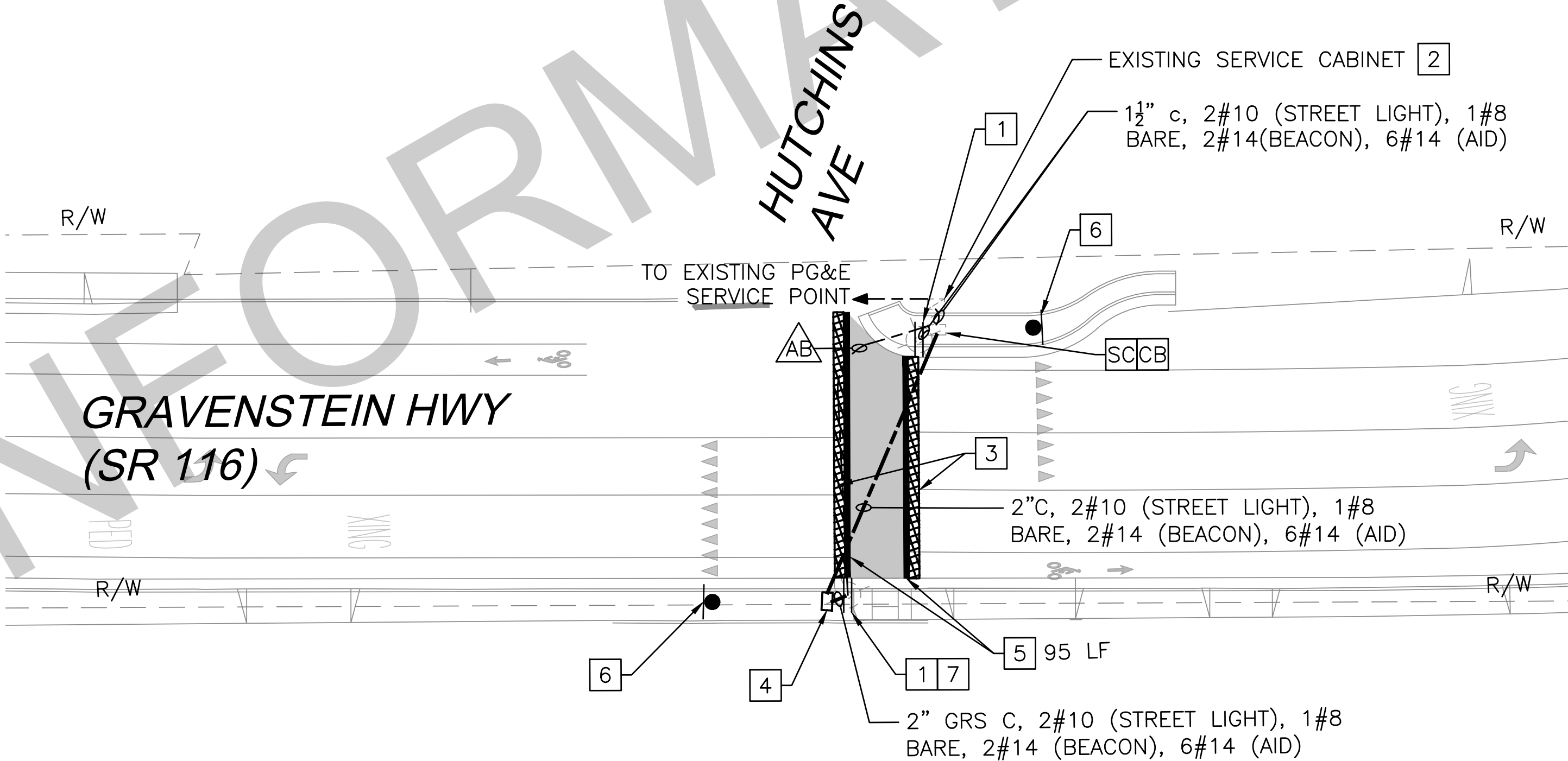
PROJECT NOTES: (THIS SHEET ONLY)

- 1 REMOVE AND DISPOSE OF EXISTING FLASHING BEACON LIGHTS, W11-2 AND W16-7P(L) SIGNS, AND PUSH BUTTON ASSEMBLY (PBA). INSTALL PAWB ASSEMBLY WITH BEACONS ON BOTH SIDES OF EXISTING POLE. SEE DETAIL A, THIS SHEET. INSTALL NEW AID PBA IN PLACE OF EXISTING PBA. W16-7P ARROWS SHALL POINT TOWARD SR 116 CENTERLINE. CONFORM TO NEC SECTION 250.50 REQUIREMENTS. CONTRACTOR TO CONNECT PAWB SYSTEM TO EXISTING POWER SUPPLY.
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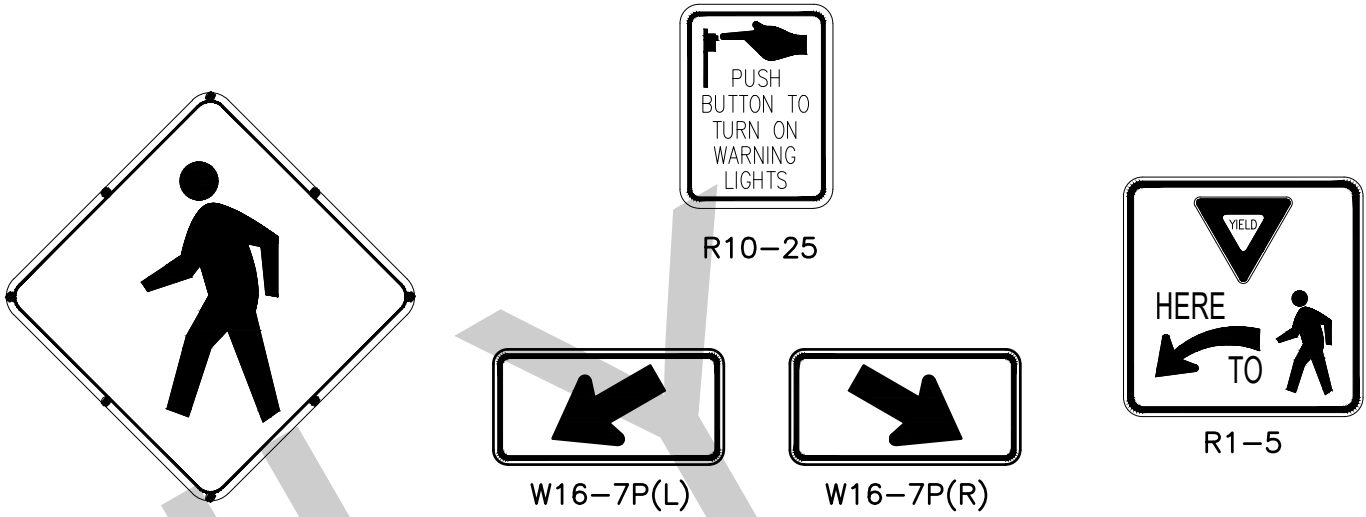


DETAIL A: BIDIRECTIONAL PEDESTRIAN ACTIVATED WARNING BEACON (PAWB) ASSEMBLY ON EXISTING DECORATIVE LIGHT POST

NOT TO SCALE



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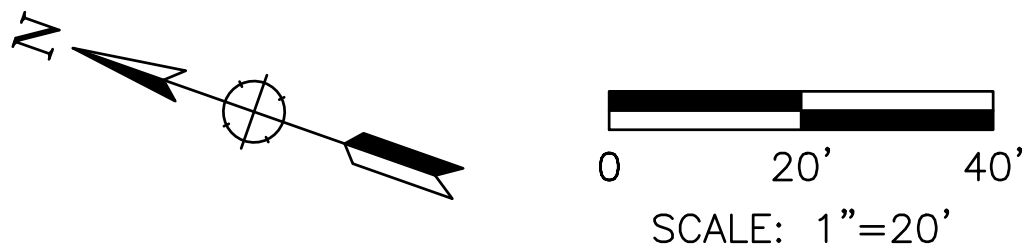


SIGN LEGEND
(NOT TO SCALE)

PAWB ASSEMBLY QUANTITIES	
COMPONENT	QUANTITY
ROUND FLASHERS	8 EA
PUSH BUTTON ASSEMBLY	2 EA
CONTROLLER	1 EA
PULL BOX	1 EA
2" CONDUIT	55 LF

REMOVAL QUANTITIES	
ITEM	QUANTITY
W11-2	2 EA
W16-7P(L)	2 EA
PUSH BUTTON ASSEMBLY	2 EA
IN-PAVEMENT WARNING LIGHTS	14 EA
MILL AND OVERLAY	190 SF

NEW SIGNING QUANTITIES	
SIGN	QUANTITY
W11-2 (BLINKER)	4 EA
W16-7P(R)	2 EA
W16-7P(L)	2 EA
R10-25	2 EA
R1-5	2 EA



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