

DATE SUBMITTED 04/27/2022
 SUBMITTED BY COMMUNITY DEVELOPMENT DIRECTOR
 DATE ACTION REQUIRED 05/04/2022

COUNCIL ACTION (X)
 PUBLIC HEARING REQUIRED ()
 RESOLUTION ()
 ORDINANCE 1ST READING ()
 ORDINANCE 2ND READING ()
 CITY CLERK'S INITIALS AB

**IMPERIAL CITY COUNCIL
 AGENDA ITEM**



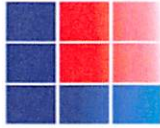
SUBJECT: DISCUSSION/ACTION: LABRUCHERIE RD WIDENING PROJECT FROM ATEN BLVD TO TRESHILL RD 1. AUTHORIZATION TO SEEK BIDS FOR THE CONSTRUCTION OF THE WIDENING PROJECT.	
DEPARTMENT INVOLVED: COMMUNITY DEVELOPMENT DEPARTMENT	
BACKGROUND/SUMMARY: This widening project will not only provide a full four-lane cross-section configuration, but also will allow to accommodate concrete curb & gutter, sidewalk, street lights and bike paths to improve safety, increase mobility and offer additional route options for our community. In order for the successful completion of the project, we are requesting authorization to use local funds, LTA Measure D, SB1 RMRA (Road Maintenance and Rehabilitation Account) and Circulation funds. A portion of the local funds will include reimbursement from Caltrans after completion of 2 nd Street Rehabilitation Project. Work scope consists of PCC Curb & Gutters, PCC Driveways, PCC Sidewalks, ADA Ramps, Asphalt Paving, Thermoplastic Striping, Fire Hydrants, Catch Basins and Storm Drain and Water Pipelines. For details see Exhibits 1 & 2 attached herewith.	
FISCAL IMPACT: 1. Widening Project – \$2,642,788 from Measure “D”, SB1 RMRA and Circulation funds	ADMIN SERVICES SIGN INITIALS <u></u>
STAFF RECOMMENDATION: 1. Authorization to seek bids for the construction of LaBrucherie Road widening project.	DEPT. INITIALS <u>OM</u>
MANAGER'S RECOMMENDATION: <u>approve</u>	CITY MANAGER'S INITIALS <u></u>
MOTION: SECONDED: APPROVED () REJECTED () AYES: DISAPPROVED () DEFERRED () NAYES: ABSENT: REFERRED TO:	

Exhibit 2



LC ENGINEERING CONSULTANTS INC.
CIVIL ENGINEERING • LAND SURVEYING • CONSTRUCTION MANAGEMENT SERVICES

**CITY OF IMPERIAL
LA BRUCHERIE WIDENING PROJECT
FROM ATEN BLVD. TO TRESHILL ROAD
OFF-SITE ENGINEER'S ESTIMATE**

ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL
1 MOBILIZATION	L.S.	1.00	\$30,000.00	\$30,000.00
2 TRAFFIC CONTROL	L.S.	1.00	\$20,000.00	\$20,000.00
3 EROSION CONTROL IMPLEMENTATION	L.S.	1.00	\$3,500.00	\$3,500.00
4 CONSTRUCTION STAKING	L.S.	1.00	\$18,000.00	\$18,000.00
5 GEOTECHNICAL TESTING FOR QUALITY CONTROL (QC)	L.S.	1.00	\$18,000.00	\$18,000.00
6 SAWCUT EXISTING A.C. PAVEMENT FOR THE FULL DEPTH OF THE A.C. PAVEMENT AND GRIND PER COLD PLANE DETAIL	L.F.	390.00	\$10.00	\$3,900.00
7 REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT PER CITY OF IMPERIAL INSTRUCTION.	C.Y.	810.00	\$50.00	\$40,500.00
8 SAWCUT EXISTING PCC CURB AND GUTTER AND SIDEWALK FOR THE FULL DEPTH	L.F.	20.00	\$15.00	\$300.00
9 REMOVE AND DISPOSE OF EXISTING CONCRETE PRODUCT OF THE DEMOLITION OF CONCRETE INFRASTRUCTURE INCLUDING CURB AND GUTTER, SIDEWALK AND CROSS GUTTER	C.Y.	5.00	\$50.00	\$250.00
10 REMOVE AND DISPOSE OF NATIVE MATERIAL TO SUBGRADE DESIGN GRADE	C.Y.	7,118.00	\$25.00	\$177,950.00
11 EXIST. MANHOLE FRAME AND COVER TO BE LOWERED 0.30' OF DESIGN GRADE BEFORE PAVING ACTIVITIES, ADJUST THE M.H. FRAME AND COVER AFTER GRADING OPERATIONS AND INSTALL A ONE FOOT WIDE BY ONE FOOT DEEP CONCRETE RIM AROUND THE MANHOLE FRAME AND COVER.	EA.	2.00	\$1,000.00	\$2,000.00
12 EXISTING STREET SIGNS TO BE REMOVED AND TEMPORARILY STORED	EA.	11.00	\$150.00	\$1,650.00
13 REMOVE EXISTING STOP BAR, STOP LEGEND & CROSSWALK STRIPING BY HYDRO-BLAST	L.S.	1.00	\$500.00	\$500.00
14 CLEARING AND GRUBBING	L.S.	1.00	\$5,000.00	\$5,000.00
15 INSTALL 4" THICK OF A.C. PAVEMENT COMPACT PER SOILS REPORT	S.F.	121,383.00	\$9.75	\$1,183,484.25
16 INSTALL 18" THICK OF CLASS 2 BASE FOR ROADWAY, COMPACT PER SOILS REPORT.	S.F.	121,383.00	\$2.44	\$296,174.52
17 INSTALL NEW 6" P.C.C CURB AND GUTTER WITH 6" OF CLASS 2 BASE, COMPACT PER CITY OF IMPERIAL STANDARDS.	L.F.	2,866.00	\$30.00	\$85,980.00

ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL
18 INSTALL NEW 4" P.C.C SIDEWALK OVER 6" OF SAND, COMPACT PER CITY OF IMPERIAL STDS.	S.F.	13,163.00	\$12.00	\$157,956.00
19 INSTALL NEW P.C.C. HANDICAP RAMP AND TRUNCATED DOMES OVER 8" OF SAND, COMPACT PER CITY OF IMPERIAL STANDARDS.	S.F.	1,000.00	\$35.00	\$35,000.00
20 INSTALL NEW P.C.C. DRIVEWAY APPROACH OVER 9" OF CLASS 2 BASE, COMPACT PER CITY OF IMPERIAL STD. DETAIL NO. 403	S.F.	693.00	\$20.00	\$13,860.00
21 INSTALL NEW 12" DIA. PVC WATERLINE	L.F.	1,962.00	\$35.00	\$68,670.00
22 INSTALL NEW 12" WATER VALVE	EA.	1.00	\$3,200.00	\$3,200.00
23 INSTALL NEW PVC 12" X 12" TEE	EA.	1.00	\$2,000.00	\$2,000.00
24 INSTALL NEW PVC 12" X 8" TEE	EA.	2.00	\$1,500.00	\$3,000.00
25 CONNECT NEW 12" WATERLINE TO EXISTING 12" WATERLINE	EA.	2.00	\$1,500.00	\$3,000.00
26 INSTALL NEW ECCENTRIC 5' DIA. STORMWATER MANHOLE OVER 12" OF GRAVEL PER CITY OF IMPERIAL STANDARDS.	EA.	4.00	\$5,750.00	\$23,000.00
27 INSTALL 12" SDR-18 HDPE STORMWATER PIPELINE, UTILITY TRENCH PER CITY OF IMPERIAL STANDARD DETAIL No. 513	L.F.	916.00	\$35.00	\$32,060.00
28 INSTALL NEW P.C.C. STORMWATER CATCH BASIN PER DETAIL, OVER 6" OF CLASS 2 BASE.	EA.	6.00	\$4,000.00	\$24,000.00
29 INSTALL NEW STREET LIGHT PER CITY OF IMPERIAL STANDARDS.	EA.	4.00	\$5,500.00	\$22,000.00
30 INSTALL NEW STOP AND STREET SIGN	EA.	4.00	\$300.00	\$1,200.00
31 INSTALL STRIPING AND SIGNAGE PER PLAN	L.S.	1.00	\$15,000.00	\$15,000.00
32 RELOCATION AND UPGRADE OF TRAFFIC SIGNALS INCLUDING HARDWARE AND APPURTENANCES FOR THE INSTALLATION OF PEDESTRIAN COUNTDOWN SIGNAL HEADS, APS PUSHBUTTONS, ETC.	LS	1.00	\$100,000.00	\$100,000.00
33 INSTALL NEW PCC SPANDREL 6' WIDE CROSS PER CITY OF IMPERIAL STD. DET. No. 410/411-A	S.F.	520.00	\$20.00	\$10,400.00
34 SWRCB CONSTRUCTION STORMWATER WAIVER	LS	1.00	\$1,000.00	\$1,000.00
SUB-TOTAL				\$2,402,534.77
10% CONTINGENCY				\$240,253.48
TOTAL				\$2,642,788.25



DATE: February 08, 2022

NOTES:

Since the engineer has no control over the cost of labor, materials, or equipment, or over the contractor's methods of determining prices, or over competitive bidding or market conditions, our opinions of probable project cost or construction cost provided for herein are to be made on the basis of our experience and qualifications and represent our best judgment as design professionals familiar with the construction industry, but the engineer cannot, and does not guarantee that proposals, bids, or the construction cost will not vary from opinions of probable cost prepared by the firm.

UNDERGROUND SERVICE ALERT
CALL TOLL FREE
811
BEFORE YOU DIG

DATE	BY	REVISIONS
1/24/21	JACKIE LORBER	

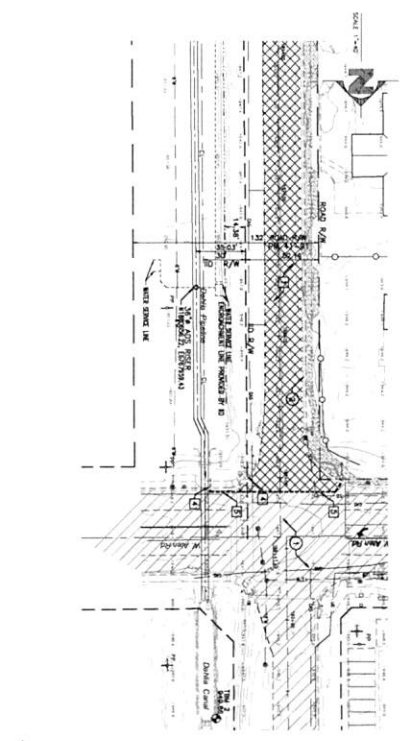
APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA
DATE: _____

ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
DATE: _____
E.C.L. NO.: 55432

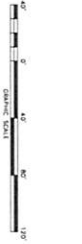


LC ENGINEERING CONSULTANTS INC.
11100 IMPERIAL AVENUE
IMPERIAL, CA 92542
DATE: 1/24/21 BENCHMARK: SEE SHEET NO. 1

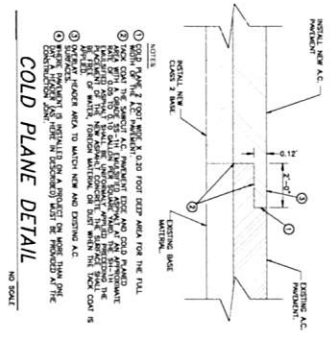
CITY OF IMPERIAL
IMPROVEMENT PLANS
TOPO & DEMOLITION PLAN
SHEET 2 OF 12 SHEETS
JOB NO. C19033-00



- DEMOLITION NOTES:**
- REMOVE EXISTING ADJACENT A WALL SECTION AND PORTION OF MASONRY.
 - RELOCATE EXISTING STREET SIGN SET SET # FOR FINAL LOCATION.
 - EXISTING MASONRY REMAIN/REMOVE TO BE DETERMINED BY THE CONTRACTOR AFTER FIELD VERIFICATION OF THE EXISTING MASONRY. THE CONTRACTOR SHALL VERIFY THE EXISTING MASONRY IS AS SHOWN ON THE PLAN AND SHALL BE RESPONSIBLE FOR THE MASONRY REMAIN/REMOVE.
 - EXISTING PCC DRIVE CURB & SLOTTED AND SIDEWALK TO BE DEMOLISHED AND RECONSTRUCTED AS SHOWN ON THE PLAN. THE CONTRACTOR SHALL VERIFY THE EXISTING PCC DRIVE CURB & SLOTTED AND SIDEWALK IS AS SHOWN ON THE PLAN.
- EXISTING NOTES:**
- EXISTING A.C. PARALLEL TO REMAIN.
 - EXISTING CURB AND SLOTTED TO REMAIN.



NO ENCROACHMENT PERMIT WILL BE REQUIRED PRIOR TO START ANY WORK WITHIN RIGHT OF WAY

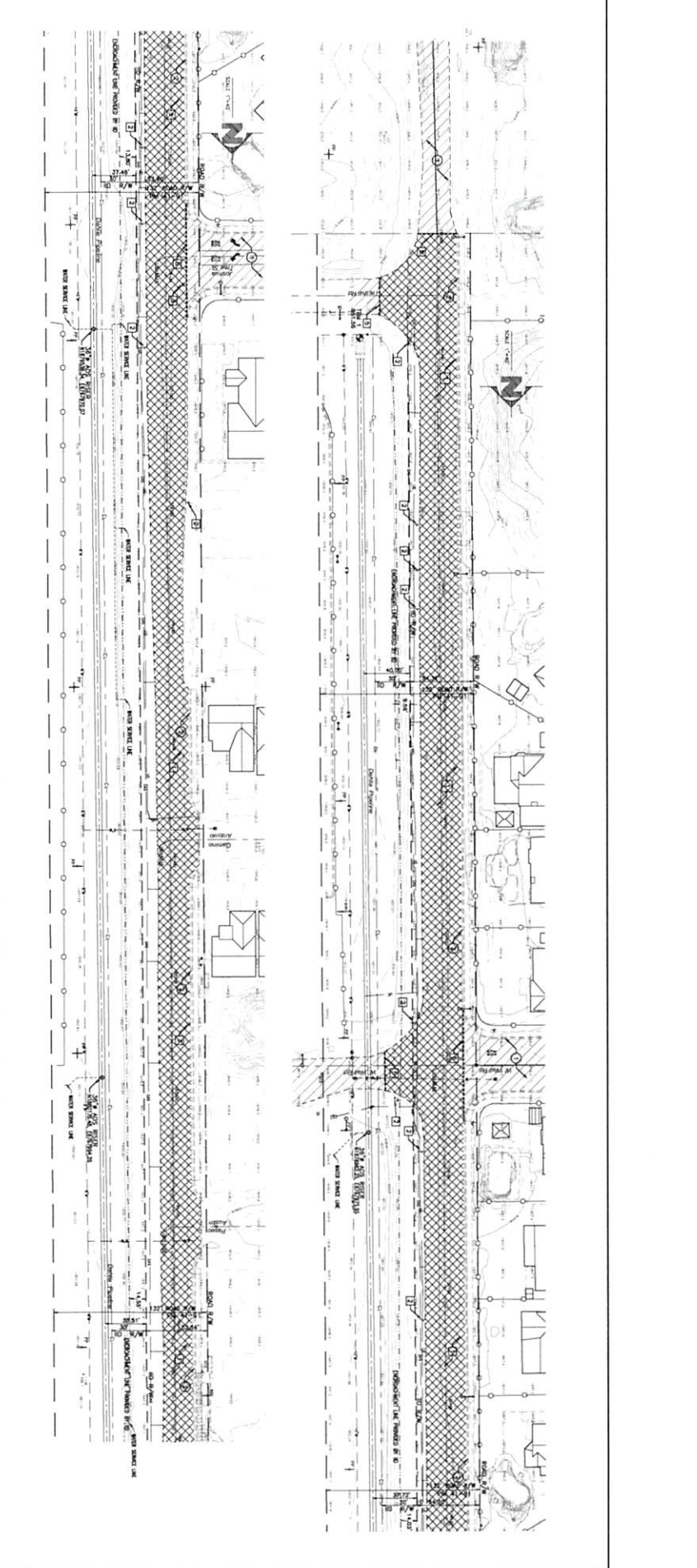


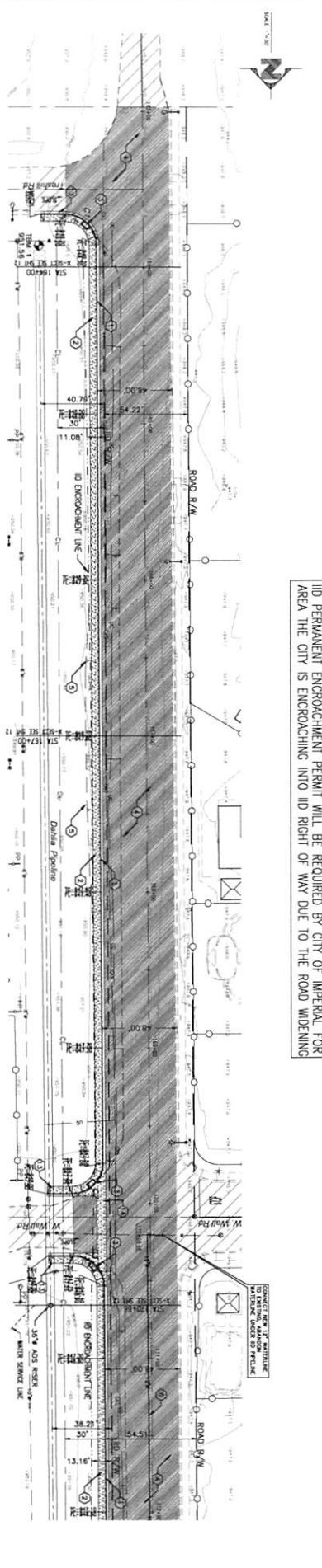
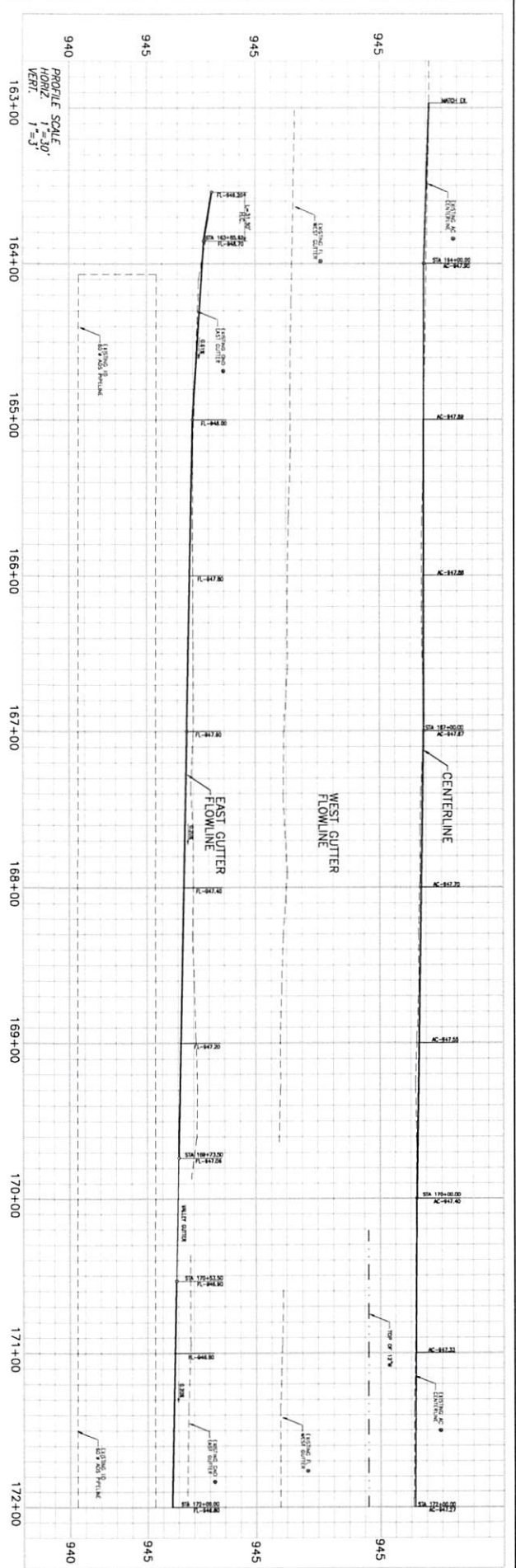
ENCROACHMENT LINE FOR LA BRUCHERIE ROAD PROJECT
(SEE SHEET NO. 1 FOR LA STREET)

STATION	ENCROACHMENT LINE	ENCROACHMENT LINE	ENCROACHMENT LINE
1+00.00	11.50	11.50	11.50
1+05.00	11.50	11.50	11.50
1+10.00	11.50	11.50	11.50
1+15.00	11.50	11.50	11.50
1+20.00	11.50	11.50	11.50
1+25.00	11.50	11.50	11.50
1+30.00	11.50	11.50	11.50
1+35.00	11.50	11.50	11.50
1+40.00	11.50	11.50	11.50
1+45.00	11.50	11.50	11.50
1+50.00	11.50	11.50	11.50
1+55.00	11.50	11.50	11.50
1+60.00	11.50	11.50	11.50
1+65.00	11.50	11.50	11.50
1+70.00	11.50	11.50	11.50
1+75.00	11.50	11.50	11.50
1+80.00	11.50	11.50	11.50
1+85.00	11.50	11.50	11.50
1+90.00	11.50	11.50	11.50
1+95.00	11.50	11.50	11.50
2+00.00	11.50	11.50	11.50

REVISIONS:

NO.	DATE	DESCRIPTION
1	12/02/21	ISSUED FOR PERMIT





CURVE TABLE

STATION	DATE	NAME	LENGTH	PERCENT SERVICE
163+00	11/15/21	1	20.00	11.30
163+20	11/15/21	2	20.00	11.30
163+40	11/15/21	3	20.00	11.30
163+60	11/15/21	4	20.00	11.30
163+80	11/15/21	5	20.00	11.30
164+00	11/15/21	6	20.00	11.30
164+20	11/15/21	7	20.00	11.30
164+40	11/15/21	8	20.00	11.30
164+60	11/15/21	9	20.00	11.30
164+80	11/15/21	10	20.00	11.30
165+00	11/15/21	11	20.00	11.30
165+20	11/15/21	12	20.00	11.30
165+40	11/15/21	13	20.00	11.30
165+60	11/15/21	14	20.00	11.30
165+80	11/15/21	15	20.00	11.30
166+00	11/15/21	16	20.00	11.30
166+20	11/15/21	17	20.00	11.30
166+40	11/15/21	18	20.00	11.30
166+60	11/15/21	19	20.00	11.30
166+80	11/15/21	20	20.00	11.30
167+00	11/15/21	21	20.00	11.30
167+20	11/15/21	22	20.00	11.30
167+40	11/15/21	23	20.00	11.30
167+60	11/15/21	24	20.00	11.30
167+80	11/15/21	25	20.00	11.30
168+00	11/15/21	26	20.00	11.30
168+20	11/15/21	27	20.00	11.30
168+40	11/15/21	28	20.00	11.30
168+60	11/15/21	29	20.00	11.30
168+80	11/15/21	30	20.00	11.30
169+00	11/15/21	31	20.00	11.30
169+20	11/15/21	32	20.00	11.30
169+40	11/15/21	33	20.00	11.30
169+60	11/15/21	34	20.00	11.30
169+80	11/15/21	35	20.00	11.30
170+00	11/15/21	36	20.00	11.30
170+20	11/15/21	37	20.00	11.30
170+40	11/15/21	38	20.00	11.30
170+60	11/15/21	39	20.00	11.30
170+80	11/15/21	40	20.00	11.30
171+00	11/15/21	41	20.00	11.30
171+20	11/15/21	42	20.00	11.30
171+40	11/15/21	43	20.00	11.30
171+60	11/15/21	44	20.00	11.30
171+80	11/15/21	45	20.00	11.30
172+00	11/15/21	46	20.00	11.30

La Brucherie Rd

CONSTRUCTION NOTES:

1. SEE P. 100 CROSS AND GUTTER FOR CITY OF IMPERIAL, SET. No. 400
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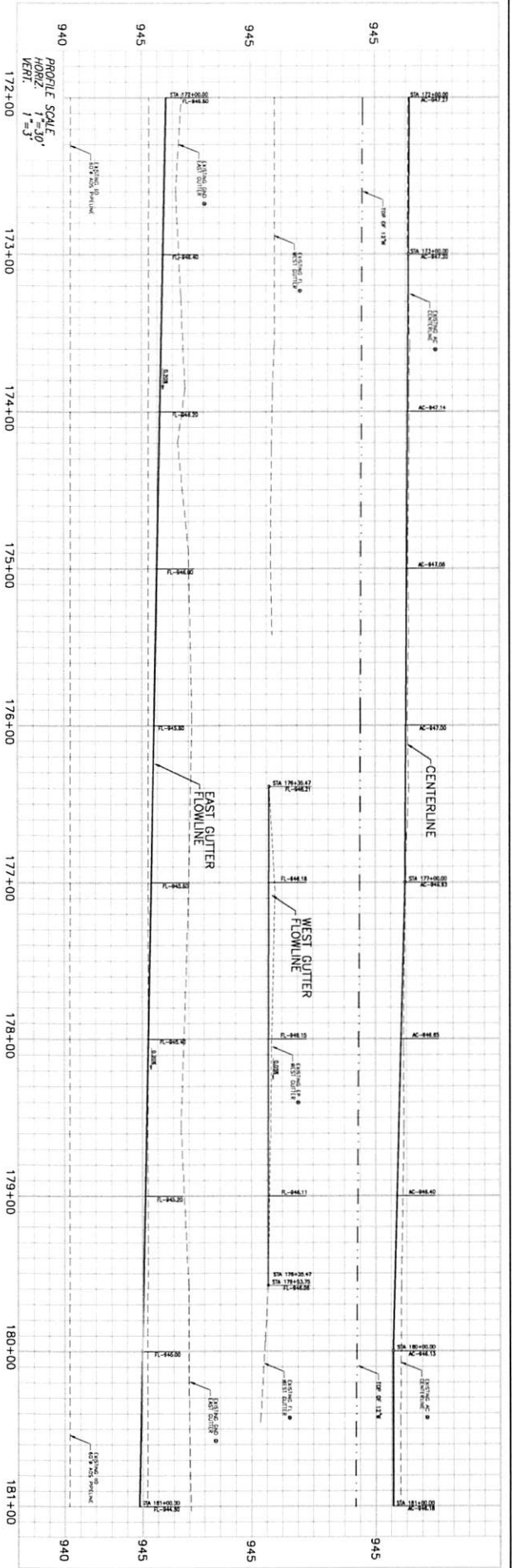
NOTES:

1. SEE SHEET 19033-00 FOR PLAN & PROFILE
2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED
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APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA

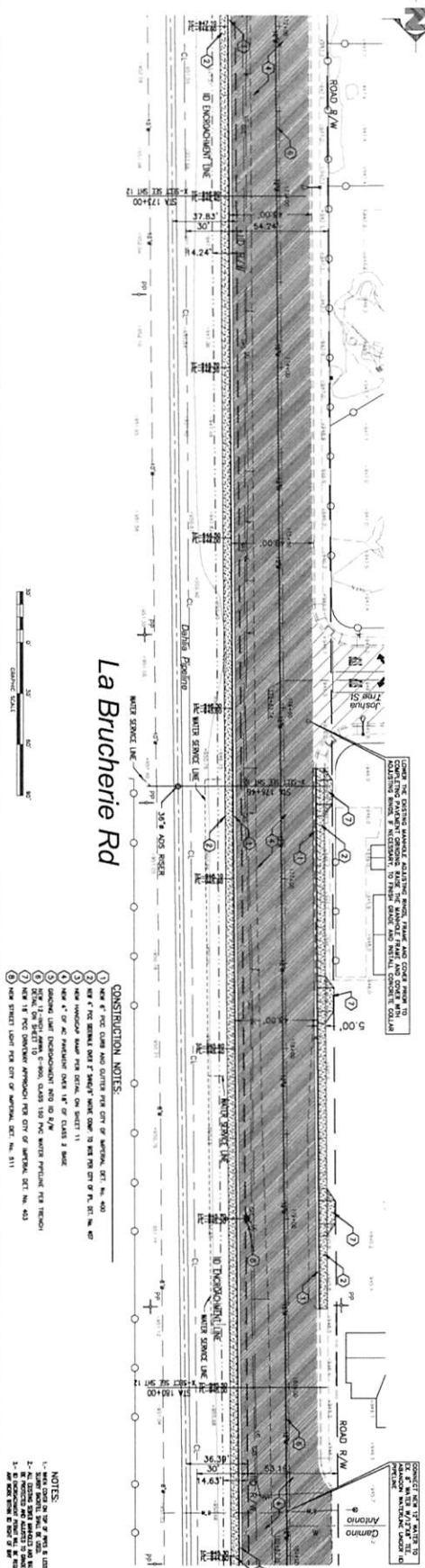
ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
DATE: _____

CITY OF IMPERIAL
IMPROVEMENT PLANS
PLAN & PROFILE
SHEET 3 OF 12 SHEETS
JOB NO. C19033-00



IID PERMANENT ENCROACHMENT PERMIT WILL BE REQUIRED BY CITY OF IMPERIAL FOR AREA THE CITY IS ENCROACHING INTO IID RIGHT-OF-WAY DUE TO THE ROAD WIDENING

La Brucherie Rd



- CONSTRUCTION NOTES:**
1. SEE THE CITY OF IMPERIAL FOR THE CITY OF IMPERIAL, SET NO. 433
 2. SEE THE CITY OF IMPERIAL FOR THE CITY OF IMPERIAL, SET NO. 433
 3. SEE THE CITY OF IMPERIAL FOR THE CITY OF IMPERIAL, SET NO. 433
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 9. SEE THE CITY OF IMPERIAL FOR THE CITY OF IMPERIAL, SET NO. 433

UNDERGROUND SERVICES ALERT
 CALL TOLL FREE
 811
 BEFORE YOU DIG

APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA
 DATE: _____

ENGINEER OF RECORD
 PLANS PREPARED UNDER THE SUPERVISION OF
 DATE: _____

REVISIONS

NO.	DATE	BY	REVISIONS


R.C.E. NO.: _____

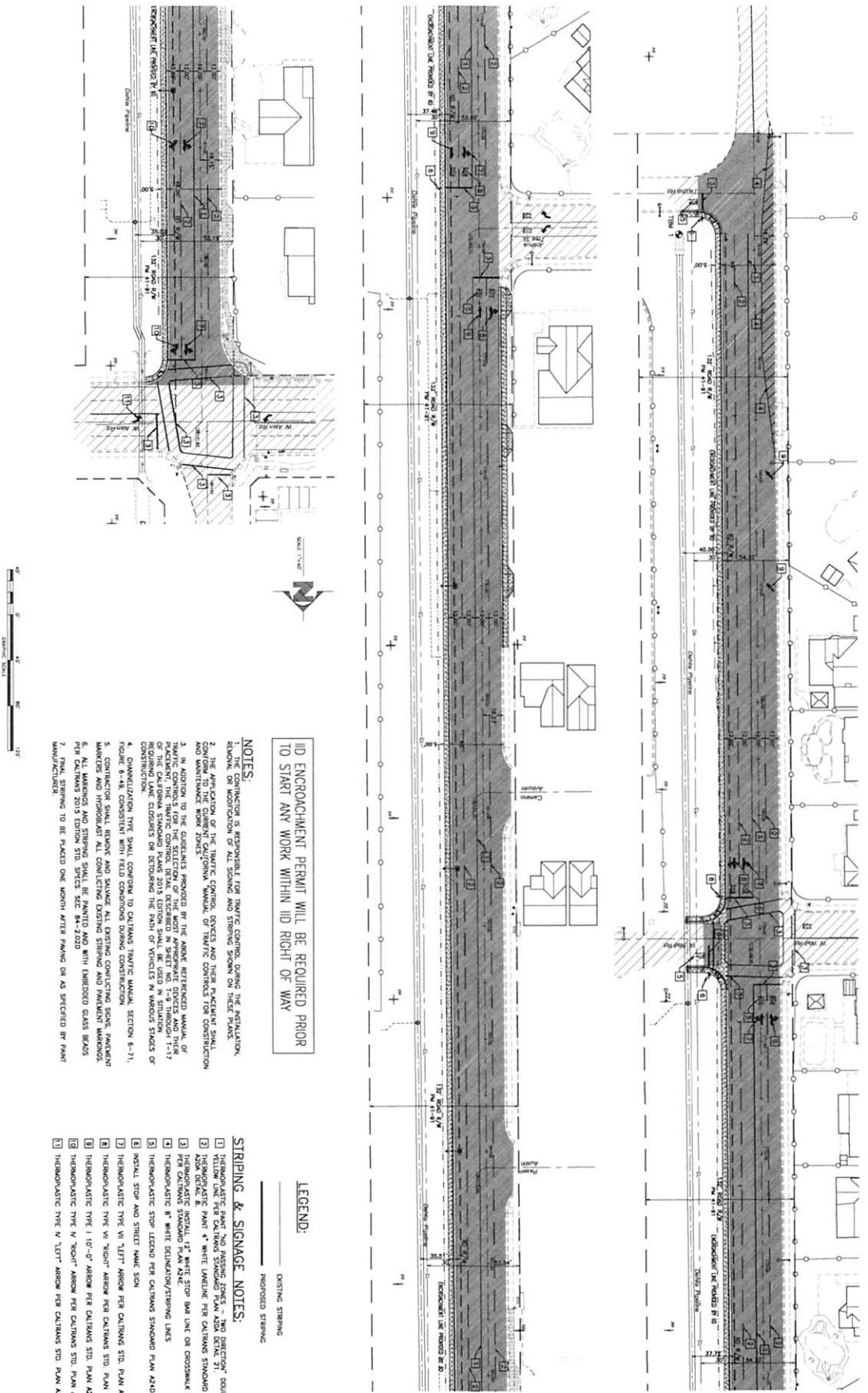
R.C.E. NO.: 5543D

SCALE

CITY OF IMPERIAL
 IMPROVEMENT PLANS
 PLAN & PROFILE

SHEET
 4 OF
 12 SHEETS
 JOB NO. C19033-00

 <p>UNDERGROUND SERVICE ALERT: CALL 811 BEFORE YOU DIG</p>	<p>DATE: 12/02/21</p> <p>DESIGNER: [Name]</p>	<p>APPROVED BY DIRECTOR OF PUBLIC WORKS CITY OF IMPERIAL, CA</p> <p>DATE: [Date]</p>	<p>ENGINEER OF RECORD PLANS PREPARED UNDER THE SUPERVISION OF</p> <p>DATE: [Date]</p>	<p>SCALE: [Scale]</p> <p>DATE: 12/02/21</p>	<p>CITY OF IMPERIAL IMPROVEMENT PLANS STRIPING & SIGNAGE PLAN</p>	<p>SHEET 6 of 12 SHEETS JOB NO. C19033-00</p>
	<p>PROJECT NO. 19-0171 FUNDING: F.R. 2019/20</p>	<p>REVISIONS:</p>	<p>DATE: [Date]</p>	<p>DATE: [Date]</p>	<p>DATE: [Date]</p>	<p>LABORER/OPERATOR/INSPECTOR PREPARED BY: [Name]</p>



NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL, DURING THE INSTALLATION, REMOVAL OR MODIFICATION OF ALL SIGNS AND STRIPING SHOWN ON THESE PLANS.

2. THE APPLICATION OF THE TRAFFIC CONTROL DEVICES AND THEIR PLACEMENT SHALL CONFORM TO THE CURRENT CALIFORNIA MANUAL OF TRAFFIC CONTROL'S FOR CONSTRUCTION AND MAINTENANCE WORK ZONES.

3. IN ADDITION TO THE DETAILS PROVIDED BY THE ABOVE REFERENCED MANUAL, OF PLACEMENT THE TRAFFIC CONTROL DEVICES DESCRIBED IN SHEET NO. 1-3 THROUGH 1-17 REGARDING THE CHAIR CONES OR REFLECTORS, THE PAINT OF VEHICLES IN VARIOUS STAGES OF CONSTRUCTION.

4. DIMENSIONAL TYPE SHALL CONFORM TO CALIFORNIA TRAFFIC MANUAL, SECTION 6-71.

5. CONTRACTOR SHALL REMOVE AND SOLVAGE ALL EXISTING CONSTRUCTION SIGNAGE.

6. ALL SIGNAGE AND STRIPING SHALL BE PAINTED AND WITH EMBOSSED GLOSS ENDS PER CALIFORNIA 2019 EDITION STD. SPEC. SEC. 64-2.0220

7. FINAL STRIPING TO BE PLACED ONE MONTH AFTER PAVING OR AS SPECIFIED BY PAINT MANUFACTURER.

LEGEND:

— EXISTING STRIPING

— PROPOSED STRIPING

- STRIPING & SIGNAGE NOTES:**
1. DIMENSIONAL TYPE PER CALIFORNIA STD. PLAN A244
 2. DIMENSIONAL TYPE PER CALIFORNIA STD. PLAN A244
 3. DIMENSIONAL TYPE PER CALIFORNIA STD. PLAN A244
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 100. DIMENSIONAL TYPE PER CALIFORNIA STD. PLAN A244

UNDERGROUND SERVICE ALERT

 CALL 811
 BEFORE YOU DIG

DATE: 12/02/21
 DRAWN BY: JAVIER R. LOPEZ
 CHECKED BY: JAVIER R. LOPEZ
 APPROVED BY: JAVIER R. LOPEZ
 CITY: IMPERIAL, CA

APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA
 DATE: _____

ENGINEER OF RECORD
 PLANS PREPARED UNDER THE SUPERVISION OF
 DATE: _____
 BR: CARLOS COMALES
 E.C.L. NO.: 55443

SEAL

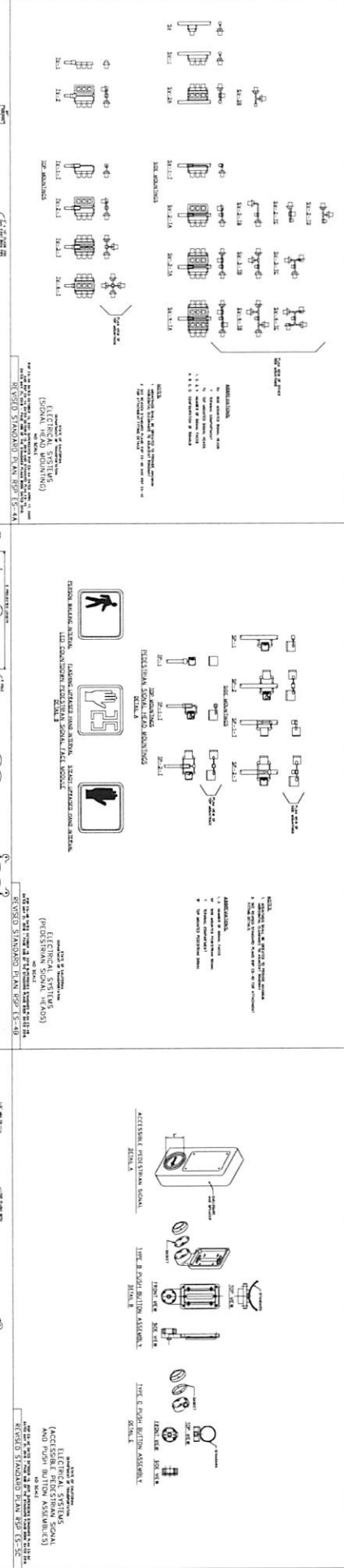
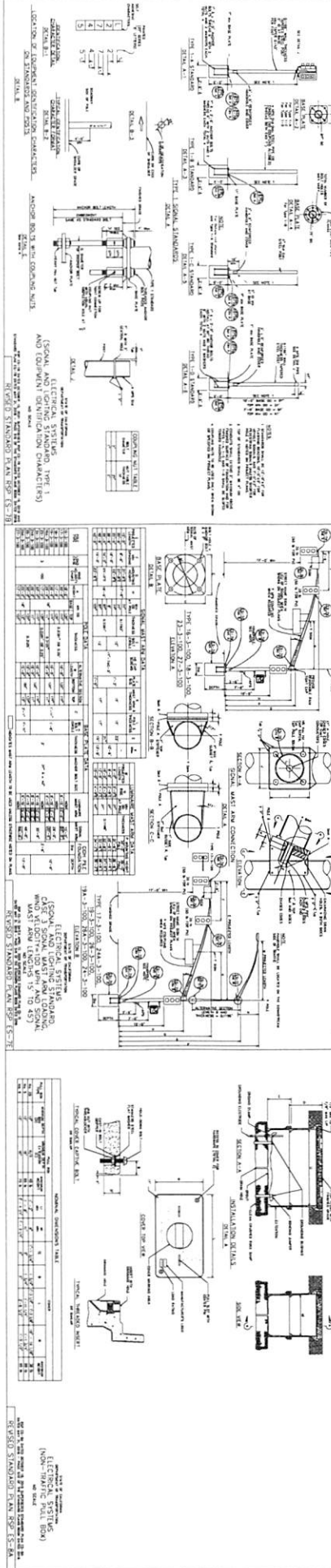
 No. 55443
 State of California
 Electrical Engineering

DATE: 12/02/21
 BENCHMARK: SEE SHEET NO. 1

LC ENGINEERING CONSULTANTS INC.
 4615 S. VALLEY BLVD.
 SUITE 200
 IMPERIAL, CA 92521
 TEL: (619) 425-1111
 FAX: (619) 425-1112

CITY OF IMPERIAL
 IMPROVEMENT PLANS
 TRAFFIC SIGNAL DETAILS
 FABRICATED AND/OR MODIFIED
 FROM THE 2019 STANDARD SPECIFICATIONS

SHEET
 8 OF
 12 SHEETS
 JOB NO. C19033-00




REVISIONS

NO.	DATE	DESCRIPTION
1	12/02/21	ISSUE FOR PERMIT
2	12/02/21	ISSUE FOR CONSTRUCTION
3	12/02/21	ISSUE FOR RECORD

REVISIONS

NO.	DATE	DESCRIPTION
1	12/02/21	ISSUE FOR PERMIT
2	12/02/21	ISSUE FOR CONSTRUCTION
3	12/02/21	ISSUE FOR RECORD

 <p>UNDERGROUND SERVICE ALERT CALL 811 BEFORE YOU DIG</p>	<p>DATE: 1/27/21 DRAWN BY: JAVIER R. B. LUNA CHECKED BY: JAVIER R. B. LUNA</p>	<p>DATE: 1/27/21 DESIGNED BY: JAVIER R. B. LUNA CHECKED BY: JAVIER R. B. LUNA</p>	<p>DATE: 1/27/21 PROJECT NO.: 1766-46 SHEET NO.: 9 OF 12 SHEETS</p>
	<p>DATE: 1/27/21 DRAWN BY: JAVIER R. B. LUNA CHECKED BY: JAVIER R. B. LUNA</p>	<p>DATE: 1/27/21 DESIGNED BY: JAVIER R. B. LUNA CHECKED BY: JAVIER R. B. LUNA</p>	<p>DATE: 1/27/21 PROJECT NO.: 1766-46 SHEET NO.: 9 OF 12 SHEETS</p>

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA
DATE: _____

ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
CARLOS CORALES
DATE: _____

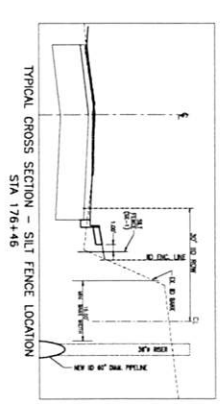
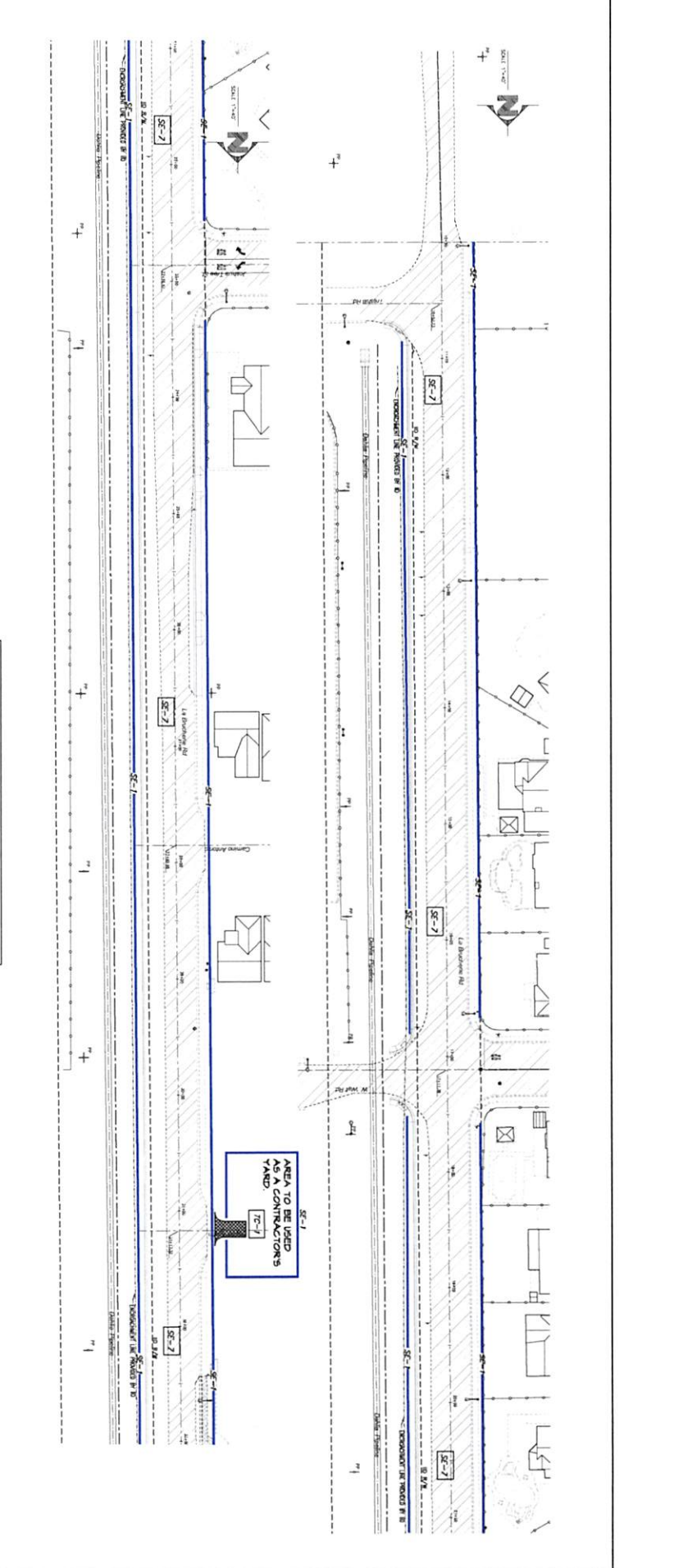
SEAL
No. 55432
DATE: 1/27/21

DATE: 1/27/21
BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL
IMPROVEMENT PLANS
EROSION CONTROL PLAN
PROJECT SURFACE FLOW DIRECTION

SHEET
9 OF
12 SHEETS
JOB NO. C19033.00

IID ENCROACHMENT PERMIT WILL BE REQUIRED PRIOR TO START ANY WORK WITHIN IID RIGHT-OF-WAY

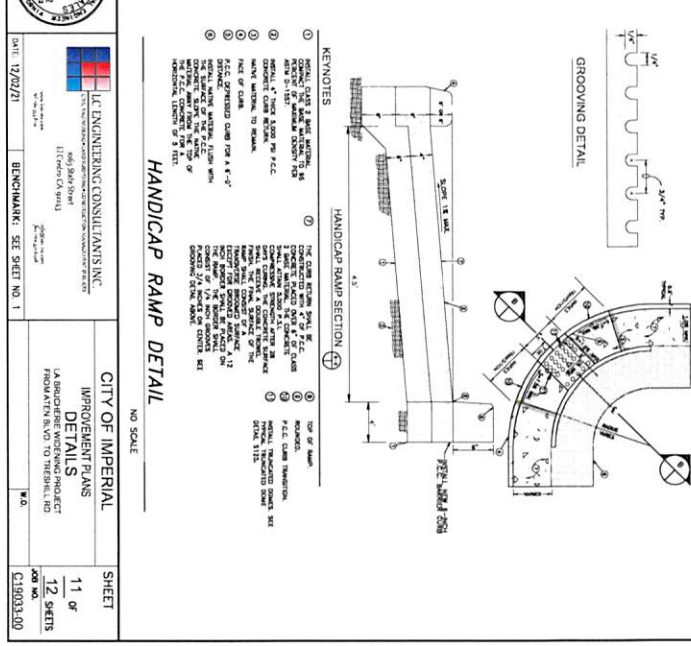
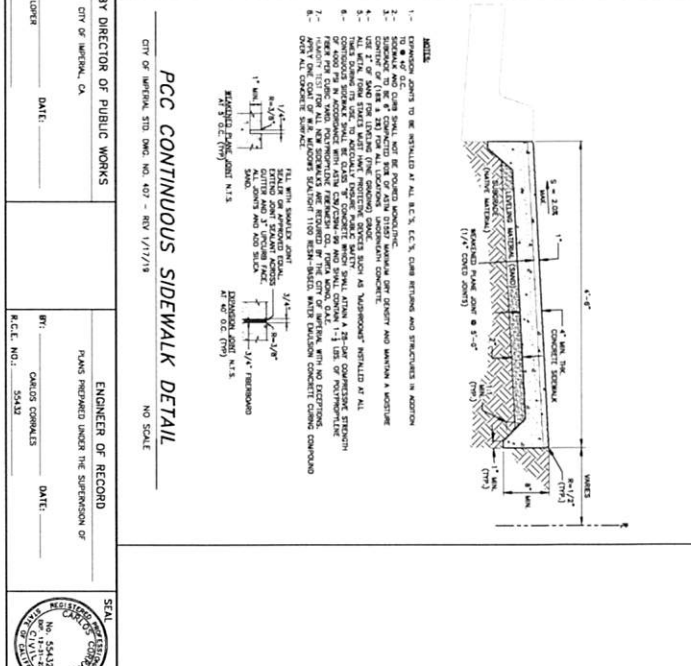
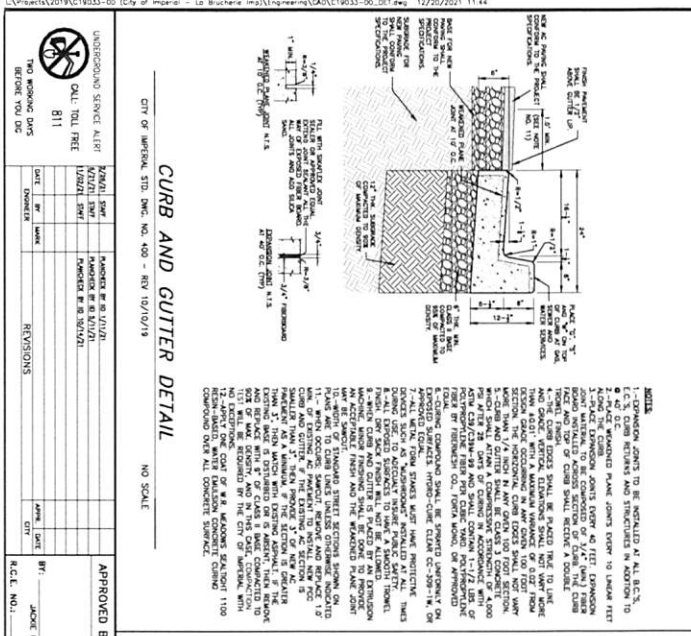
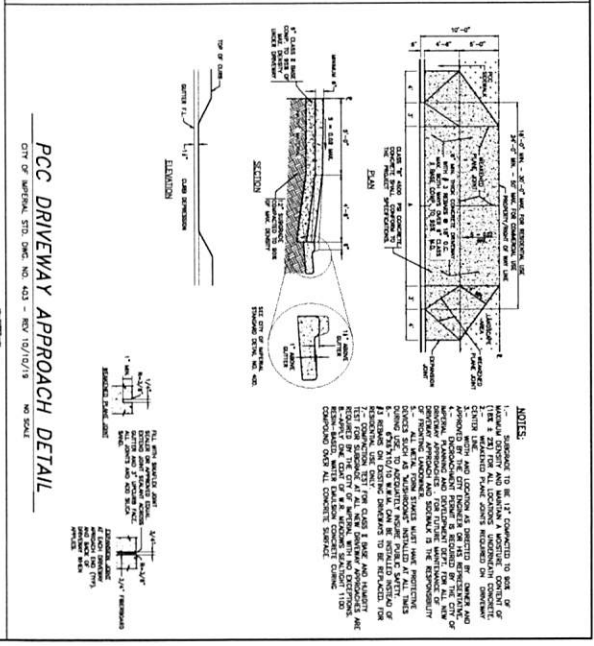
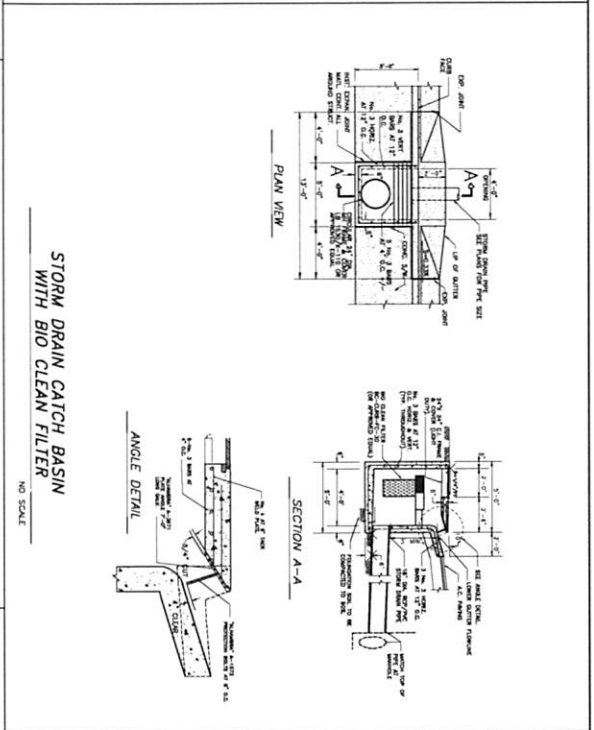
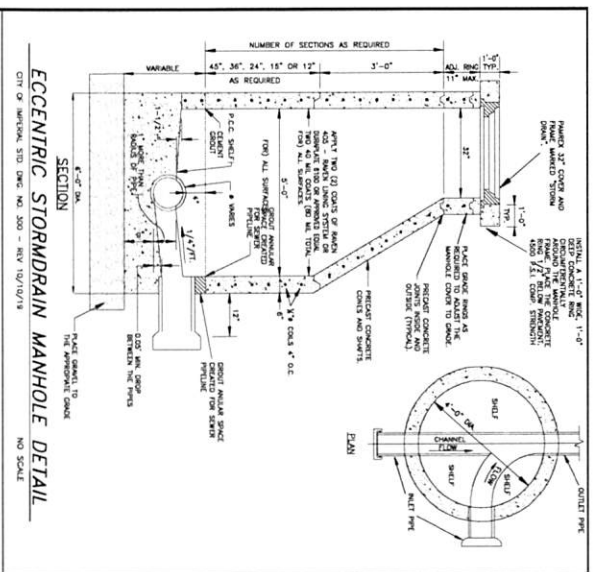


- LEGEND:**
- SC-1 - SILT FENCE
 - SC-1 - STREET SWEEPING AND VACUUMING STRIPES (ONCE CONSTRUCTION ENDED)
 - TC-1 - STABILIZED CONSTRUCTION ENCROACHMENT

CONTRACTOR'S YARD AREA WILL USE THE FOLLOWING PERMITS:
 1. IID ENCROACHMENT PERMIT
 2. SILT FENCE
 3. STREET SWEEPING AND VACUUMING STRIPES (ONCE CONSTRUCTION ENDED)



NATURAL FLOW PATH
PROJECT SURFACE FLOW DIRECTION



UNDESIRABLE SERVICE ALERT
CALL TOLL FREE 811 BEFORE YOU DIG

DATE	BY	REVISIONS

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA

ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF

DATE	BY	REVISIONS

SCALE
AS SHOWN

DATE: 12/20/21

BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL
IMPROVEMENT PLANS
DETAILS

SHEET
11 of 12 SHEETS
JOB NO. C19023.00

UNDERGROUND SERVICE ALERT
 CALL TOLL FREE
 811
 BEFORE YOU DIG

DATE	BY	REVISIONS

APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA
 DATE: _____

ENGINEER OF RECORD
 PLANS PREPARED UNDER THE SUPERVISION OF
 DATE: _____



LA ENGINEERING CONSULTANTS, INC.
 5615 39th Street
 Imperial, CA 92243
 (619) 434-9944
 BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL
 IMPROVEMENT PLANS
 DETAILS & CROSS-SECTIONS
 SHEET 12 OF 12 SHEETS
 JOB NO. C19033-00

