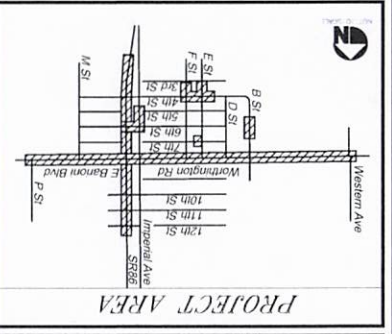


DATE SUBMITTED 05/29/2024
 SUBMITTED BY COMMUNITY DEVELOPMENT DIRECTOR
 DATE ACTION REQUIRED 06/05/2024

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

**IMPERIAL CITY COUNCIL
 AGENDA ITEM**

SUBJECT: DISCUSSION/ACTION: AHSC-ARPA/HWY 86 BEAUTIFICATION PHASE 1 PROJECT 1. AUTHORIZATION TO SEEK BIDS FOR THE CONSTRUCTION OF AHSC-ARPA/HWY 86 BEAUTIFICATION PHASE 1 PROJECT.	
DEPARTMENT INVOLVED: COMMUNITY DEVELOPMENT DEPARTMENT	
BACKGROUND/SUMMARY: The City of Imperial continues its efforts to create an environment to thrive for the Imperial Community by implementing numerous improvements to increase safeness, promote pedestrian accessibility, as well as provide economic opportunities anticipating advantageous results such as better quality of life to its residents and attract businesses. Once funding was secured from the Affordable Housing and Sustainable Communities (AHSC) and the American Rescue Plan Act (ARPA), City Staff has been working very closely with Chen Ryan & Associates (CRA), the consultant hired to prepare the improvement plans for the AHSC-ARPA / HIGHWAY 86 BEAUTIFICATION Phase 1 Project. After careful examinations and revisions of said plans, the BID documents are being finalized for construction and now we are requesting authorization to seek bids from experienced and qualified contractors to continue this process of implementing City Council's vision for the flourishing of the City. For details, see attached Exhibit 1 (Improvements Plans for AHSC-ARPA/Hwy 86 Beautification Phase 1 Project).	
FISCAL IMPACT: 1. AHSC-ARPA Phase 1 Project – \$5,000,000.00 from AHSC and \$910,000.00 ARPA.	ADMIN SERVICES SIGN INITIALS <u>DP</u>
STAFF RECOMMENDATION: Authorize Community Development Department to seek bids through a competitive bidding process for the construction of AHSC-ARPA / Highway 86 Beautification Phase 1 Project.	DEPT. INITIALS <u>DM</u>
MANAGER'S RECOMMENDATION: <i>approve</i>	CITY MANAGER'S INITIALS <u>DM</u>
MOTION: SECONDED: APPROVED () REJECTED () AYES: DISAPPROVED () DEFERRED () NAYES: ABSENT: REFERRED TO:	



DECLARATION OF RESPONSIBLE CHARGE

I, **MARK C. HANSEN**, the Engineer of Record for the Project, do hereby declare that I am the Engineer of Record for the Project and that the design is my own original work and that the design is consistent with the requirements of the Professional Code and that the design is consistent with the requirements of the City of Imperial, California and does not violate any applicable laws, rules, and regulations.

SHEET INDEX

01	TITLE SHEET, GENERAL NOTES
02	KEY MAP
03	CONSTRUCTION DETAILS
04	TYPICAL SECTIONS
05	GENERAL NOTES
06	CONCRETE WORK
07	SEWER AND SANITATION
08	WATER AND IRRIGATION
09	LANDSCAPE
10	UTILITIES AND STRUCTURES

REVISIONS

NO.	REVISIONS	DATE

THE ENGINEER'S RESPONSIBILITY IS LIMITED TO THE DESIGN OF THE PROJECT. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED BY THE OWNER OR OTHER CONTRACTORS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT OR FOR THE SAFETY OF THE PROJECT.

APPROVED DATE: _____
 SIGNATURE: _____

IMPERIAL COUNTY ENGINEERS & ARCHITECTS
 1400 E. IMPERIAL AVENUE
 IMPERIAL, CA 92541
 PHONE: (760) 355-4718
 FAX: (760) 355-4718

CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Phone: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK ASSOCIATION
 1700 N. STATE ST. SUITE 100
 IMPERIAL, CA 92541
 PHONE: (760) 355-4718
 FAX: (760) 355-4718

NOT FOR CONSTRUCTION

STREET IMPROVEMENT GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND CONDITIONS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS, LATEST EDITION, AND THE CITY OF IMPERIAL SPECIFICATIONS FOR PUBLIC WORKS, LATEST EDITION.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF IMPERIAL AND ANY AGENCIES WITH JURISDICTION OVER THE PROJECT.

3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

5. THE CONTRACTOR SHALL MAINTAIN THE PROJECT AREA OPEN TO TRAFFIC AT ALL TIMES.

PROJECT INFORMATION

OWNER: CITY OF IMPERIAL
ENGINEER: MARK C. HANSEN, P.E.
DATE: APRIL 2024

AGENCY CONTACTS

CITY OF IMPERIAL:
 CITY ENGINEER: JAMES TUCKER
 CITY MANAGER: KATHARINE BURRWORTH
 CITY CLERK: STACY MENDOZA

IMPERIAL REGIONAL WATER DISTRICT:
 DISTRICT MANAGER: JAMES TUCKER
 DISTRICT CLERK: STACY MENDOZA

APRIL 2024

CITY OF IMPERIAL - AHSC-ARPA PHASE 1 IMPROVEMENTS
 IN THE CITY OF IMPERIAL, CALIFORNIA

NOTE TO CONTRACTOR: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF IMPERIAL AND ANY AGENCIES WITH JURISDICTION OVER THE PROJECT.

ENGINEER'S NOTE TO CONTRACTOR: THE ENGINEER'S RESPONSIBILITY IS LIMITED TO THE DESIGN OF THE PROJECT. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED BY THE OWNER OR OTHER CONTRACTORS.

DEMOLITION NOTES

1. ALL EXISTING UTILITIES SHALL BE PROTECTED AND DELETED FROM THE CONSTRUCTION AREA.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

ABBREVIATIONS

AC ASPHALT CONCRETE
 AN ANCHORED NAIL
 APN AGRICULTURAL PARCEL NUMBER
 ARPA AMERICAN RESCUE AND RECOVERY ACT

APPROVED BY DIRECTOR OF PUBLIC WORKS

CITY OF IMPERIAL, CA
 1100 N. STATE ST. SUITE 100
 IMPERIAL, CA 92541
 PHONE: (760) 355-4718
 FAX: (760) 355-4718

NO.	REVISIONS	DATE

CITY OF IMPERIAL
 420 SOUTH IMPERIAL AVENUE
 IMPERIAL, CA 92251
 PHONE: (760) 355-4371
 FAX: (760) 355-4718

NOT FOR CONSTRUCTION

APRIL 2024

CITY OF IMPERIAL
 420 SOUTH IMPERIAL AVENUE
 IMPERIAL, CA 92251
 PHONE: (760) 355-4371
 FAX: (760) 355-4718

CITY COUNCIL

KATHARINE BURRWORTH
 Mayor

ROBERT AMPARANO
 Mayor Pro Tem

JAMES TUCKER
 Council Member

STACY MENDOZA
 Council Member

IDA OBESO-MARTINEZ
 Council Member

NOTE TO CONTRACTOR: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF IMPERIAL AND ANY AGENCIES WITH JURISDICTION OVER THE PROJECT.

ENGINEER'S NOTE TO CONTRACTOR: THE ENGINEER'S RESPONSIBILITY IS LIMITED TO THE DESIGN OF THE PROJECT. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED BY THE OWNER OR OTHER CONTRACTORS.

APRIL 2024

APRIL 2024

CITY OF IMPERIAL
 420 SOUTH IMPERIAL AVENUE
 IMPERIAL, CA 92251
 PHONE: (760) 355-4371
 FAX: (760) 355-4718

CITY COUNCIL

KATHARINE BURRWORTH
 Mayor

ROBERT AMPARANO
 Mayor Pro Tem

JAMES TUCKER
 Council Member

STACY MENDOZA
 Council Member

IDA OBESO-MARTINEZ
 Council Member

NOTE TO CONTRACTOR: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF IMPERIAL AND ANY AGENCIES WITH JURISDICTION OVER THE PROJECT.

ENGINEER'S NOTE TO CONTRACTOR: THE ENGINEER'S RESPONSIBILITY IS LIMITED TO THE DESIGN OF THE PROJECT. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED BY THE OWNER OR OTHER CONTRACTORS.

APRIL 2024

Exhibit 1

SR 98 CONSTRUCTION GEOMETRIC DATA

LENGTH	LINE/CHORD DIRECTION	R	T	DELTA	REMARKS
L1	WORTHINGTON RD	464.00'	360.70'	107.234°	
L2	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L3	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L4	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L5	WORTHINGTON RD	109.0731'E	306.00'	107.234°	

S IMPERIAL AVE CONSTRUCTION CENTERLINE GEOMETRIC DATA

LENGTH	LINE/CHORD DIRECTION	R	T	DELTA	REMARKS
L1	WORTHINGTON RD	464.00'	360.70'	107.234°	
L2	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L3	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L4	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L5	WORTHINGTON RD	109.0731'E	306.00'	107.234°	

W WORTHINGTON RD CONSTRUCTION CENTERLINE GEOMETRIC DATA

LENGTH	LINE/CHORD DIRECTION	R	T	DELTA	REMARKS
L1	WORTHINGTON RD	464.00'	360.70'	107.234°	
L2	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L3	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L4	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L5	WORTHINGTON RD	109.0731'E	306.00'	107.234°	

B ST CONSTRUCTION CENTERLINE GEOMETRIC DATA

LENGTH	LINE/CHORD DIRECTION	R	T	DELTA	REMARKS
L1	WORTHINGTON RD	464.00'	360.70'	107.234°	
L2	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L3	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L4	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L5	WORTHINGTON RD	109.0731'E	306.00'	107.234°	

E ST CONSTRUCTION CENTERLINE GEOMETRIC DATA

LENGTH	LINE/CHORD DIRECTION	R	T	DELTA	REMARKS
L1	WORTHINGTON RD	464.00'	360.70'	107.234°	
L2	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L3	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L4	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L5	WORTHINGTON RD	109.0731'E	306.00'	107.234°	

F ST CONSTRUCTION CENTERLINE GEOMETRIC DATA

LENGTH	LINE/CHORD DIRECTION	R	T	DELTA	REMARKS
L1	WORTHINGTON RD	464.00'	360.70'	107.234°	
L2	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L3	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L4	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L5	WORTHINGTON RD	109.0731'E	306.00'	107.234°	

W 7TH ST CONSTRUCTION CENTERLINE GEOMETRIC DATA

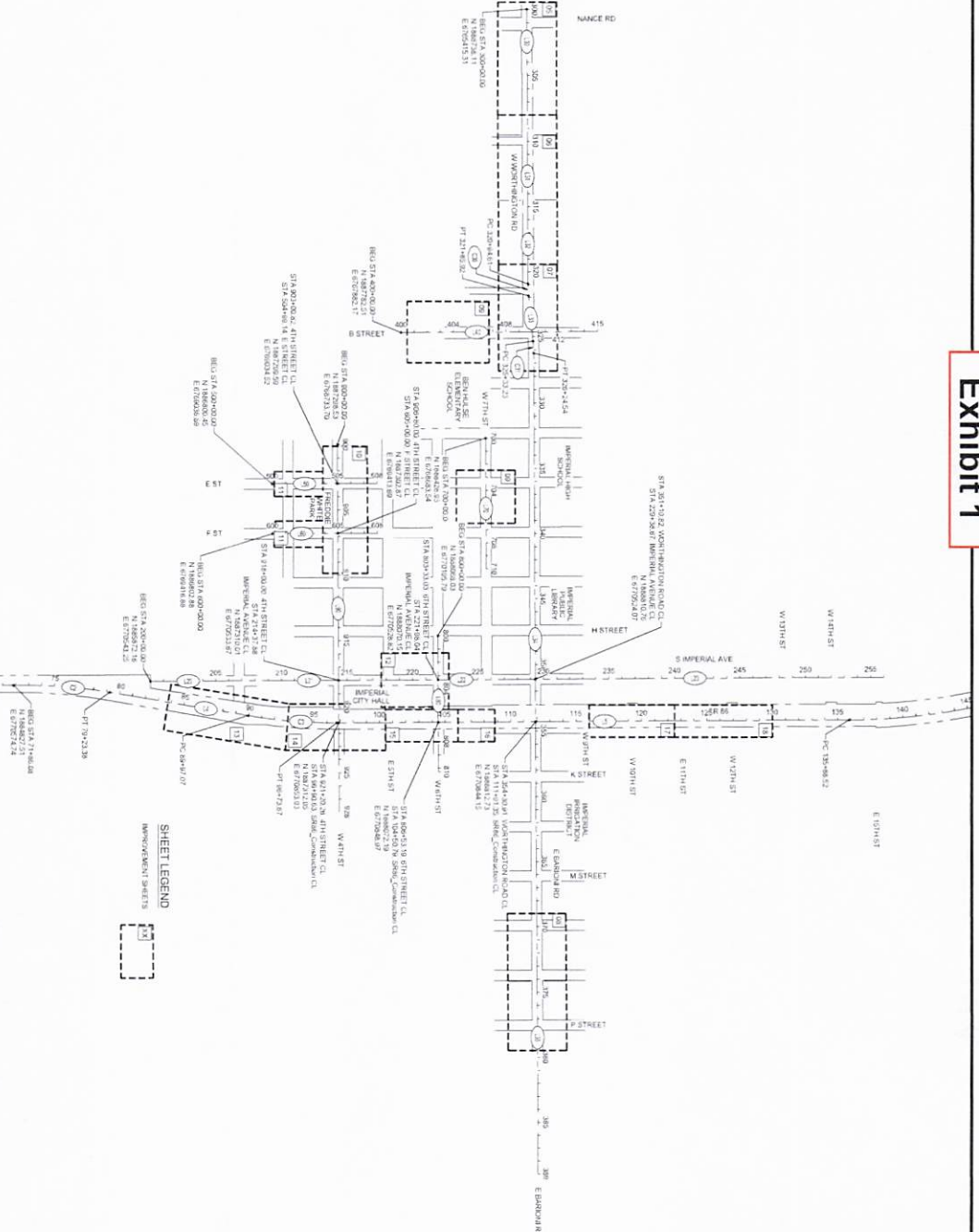
LENGTH	LINE/CHORD DIRECTION	R	T	DELTA	REMARKS
L1	WORTHINGTON RD	464.00'	360.70'	107.234°	
L2	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L3	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L4	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L5	WORTHINGTON RD	109.0731'E	306.00'	107.234°	

W 6TH ST CONSTRUCTION CENTERLINE GEOMETRIC DATA

LENGTH	LINE/CHORD DIRECTION	R	T	DELTA	REMARKS
L1	WORTHINGTON RD	464.00'	360.70'	107.234°	
L2	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L3	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L4	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L5	WORTHINGTON RD	109.0731'E	306.00'	107.234°	

W 4TH ST CONSTRUCTION CENTERLINE GEOMETRIC DATA

LENGTH	LINE/CHORD DIRECTION	R	T	DELTA	REMARKS
L1	WORTHINGTON RD	464.00'	360.70'	107.234°	
L2	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L3	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L4	WORTHINGTON RD	109.0731'E	306.00'	107.234°	
L5	WORTHINGTON RD	109.0731'E	306.00'	107.234°	



REVISIONS

NO.	REVISIONS	APPROVED	DATE

City of Imperial
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
 BENCHMARK ELEVATION:
 BENCHMARK DESCRIPTION:



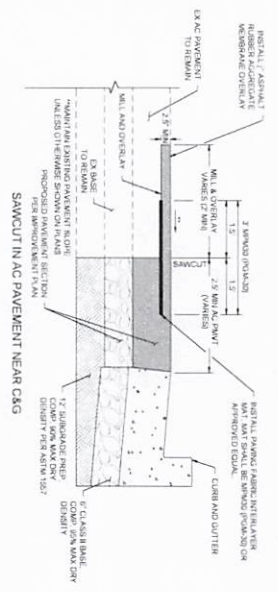
APPROVED UNDER THE DIRECT SUPERVISION OF
 CITY OF IMPERIAL
 221-2600

PROJECT TITLE
 ABCARINA PHASE I IMPROVEMENTS
 CITY OF IMPERIAL

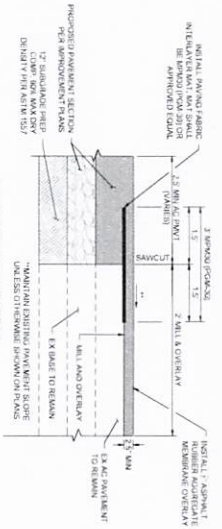
SCALE 1/4"
DATE 09/01/15
DRAWN BY RS
CHECKED BY RD
DATE 09/01/15
APP. NO. 2014
DATE 09/01/15



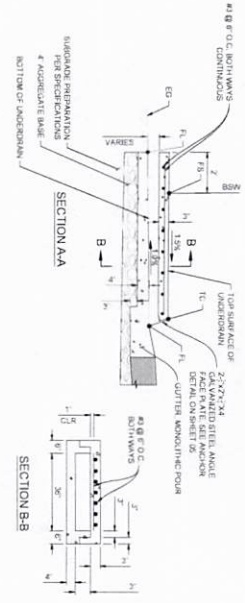
Exhibit 1



A SAW-CUT IN AC PAVEMENT
NOT TO SCALE



C MODIFIED SIDEWALK UNDERDRAIN
NOT TO SCALE



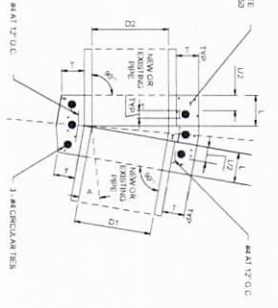
NOTES:
1. REMOVE EXISTING BOTTOM OF UNDERDRAIN AND TOP SURFACE OF UNDERDRAIN BEHIND THE BACK OF SIDEWALK UNDERDRAIN. REPAIR UNDERDRAIN WITH THE SAME MATERIAL AS EXISTING UNDERDRAIN. REPAIR OF SIDEWALK SHALL BE IN ACCORDANCE WITH THE CITY OF IMPERIAL STANDARD DETAIL NO. 40 UNLESS OTHERWISE SPECIFIED.
2. RECONSTRUCT SIDEWALK UNDERDRAIN SHALL COMPLY WITH CITY OF IMPERIAL STANDARD DETAIL NO. 40 UNLESS OTHERWISE SPECIFIED.

NOTES:

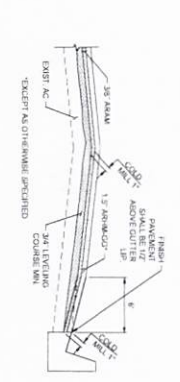
- 1) HANGER BARS OF GERTON'S CONCRETE SHALL BE THREE OF THE LARGER PILE DIA.1
- 2) GERTON'S CONCRETE SHALL BE 4000 PSI AND SHALL BE 4\"/>

D	L	T
12"	24"	6"
18"	24"	6"
24"	24"	6"
36"	24"	6"

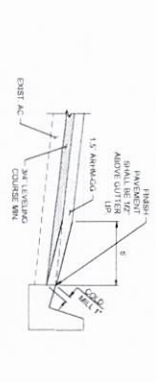
G PIPE COLLAR DETAIL
NOT TO SCALE



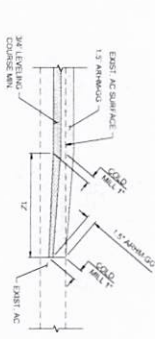
D SYSTEM 3 ARRAH-GO ON ARRAH OVER LEVELING COURSE
NOT TO SCALE



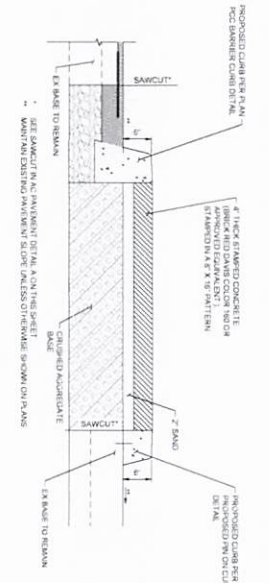
E INTERSECTION APPROACH SYSTEM 3 CROSS SECTION
NOT TO SCALE



F TERMINATION JOIN SYSTEM 3 INTERSECTION
NOT TO SCALE



H PCC MEDIAN INFILL
NOT TO SCALE



NOT REVISIONS

NO.	REVISIONS	APPROVED	DATE

City of Imperial
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
BENCHMARK ELEVATION:
BENCHMARK DESCRIPTION:

NOT FOR CONSTRUCTION

PREPARED UNDER THE DIRECT SUPERVISION OF

DATE	BY	CHK'D	DATE

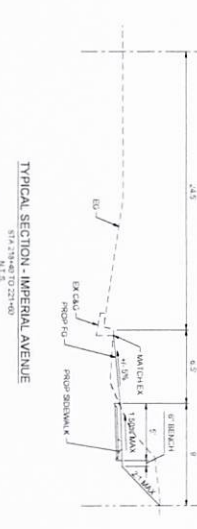
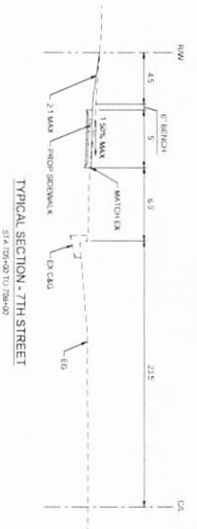
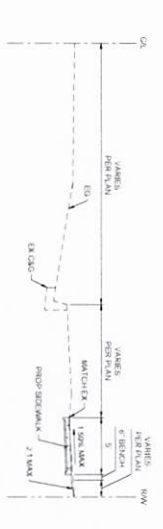
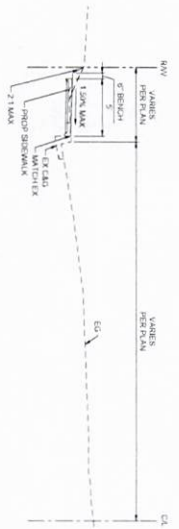
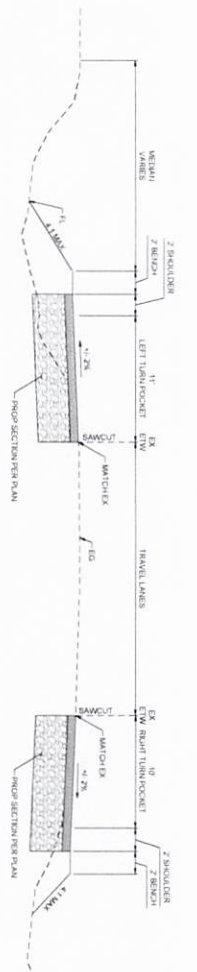
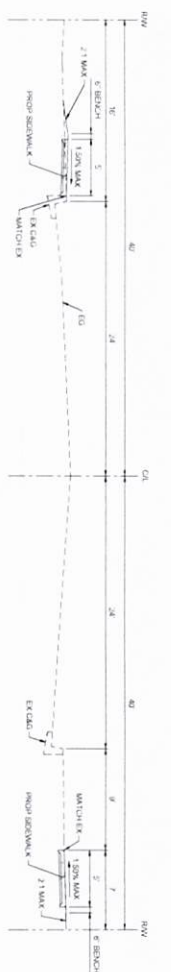
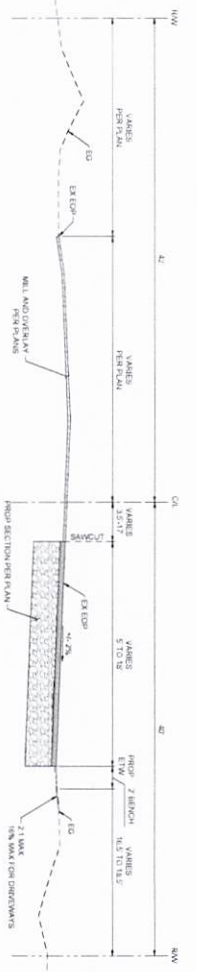
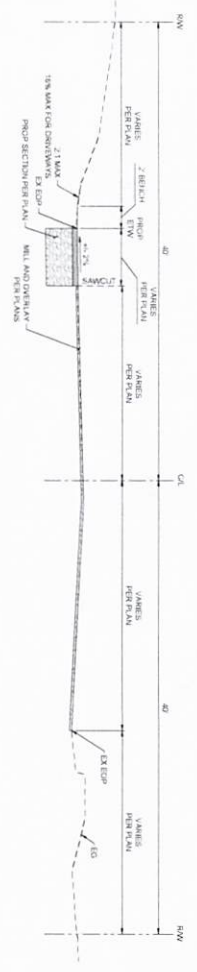
PRODUCT TITLE: ARRAH-CARINA PHASE 1 IMPROVEMENTS
CITY OF IMPERIAL
Imperial, CA 92251
Tel: 760-355-4371

SCALE: 1/4" = 1'-0"
DRAWN BY: BS
CHECKED BY: RD
DATE: APRIL 2024

SHEET NO. 03
OF 49 SHEETS



Exhibit 1



NO.	REVISIONS	APPROVED	DATE

City of Imperial
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
 BENCHMARK LAYOUT & RECORD DRAWING DESIGN



PREPARED UNDER THE DIRECT SUPERVISION OF	DATE
BY	DATE

PRODUCT TITLE: CITY OF IMPERIAL
AS/CAN/PA/PHASE I IMPROVEMENTS
 221-2800

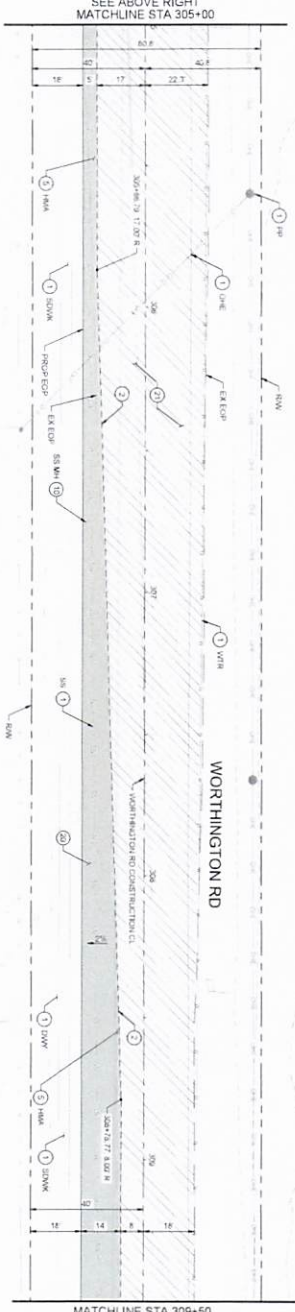
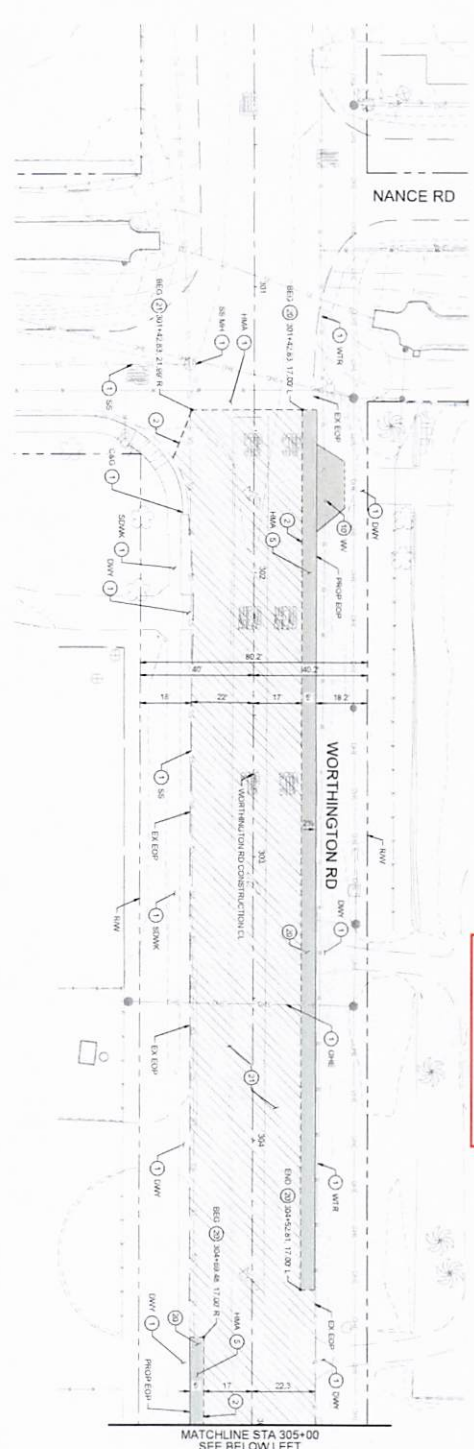
SCALE: N/A
DRWN BY: SS
REVIEWED BY: 20
DATE: APR 2024
SHEET NO. 04
TOTAL SHEETS 6 OF 49 SHEETS



APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA

NOT FOR CONSTRUCTION

Exhibit 1



CONSTRUCTION NOTES

1. PROTECT IN PLACE
2. SANDWICH PER DETAIL A ON SHEET 10
3. REMOVE AND REPLACE
4. ADJUST TO GRADE
5. CONSTRUCT 5.5" HMA DRIVE IN CLASS 3 AGGREGATE BASE
6. CONSTRUCT 1.5" OF FINISH HMA AND OVERLAY 1.5" HMA

LEGEND

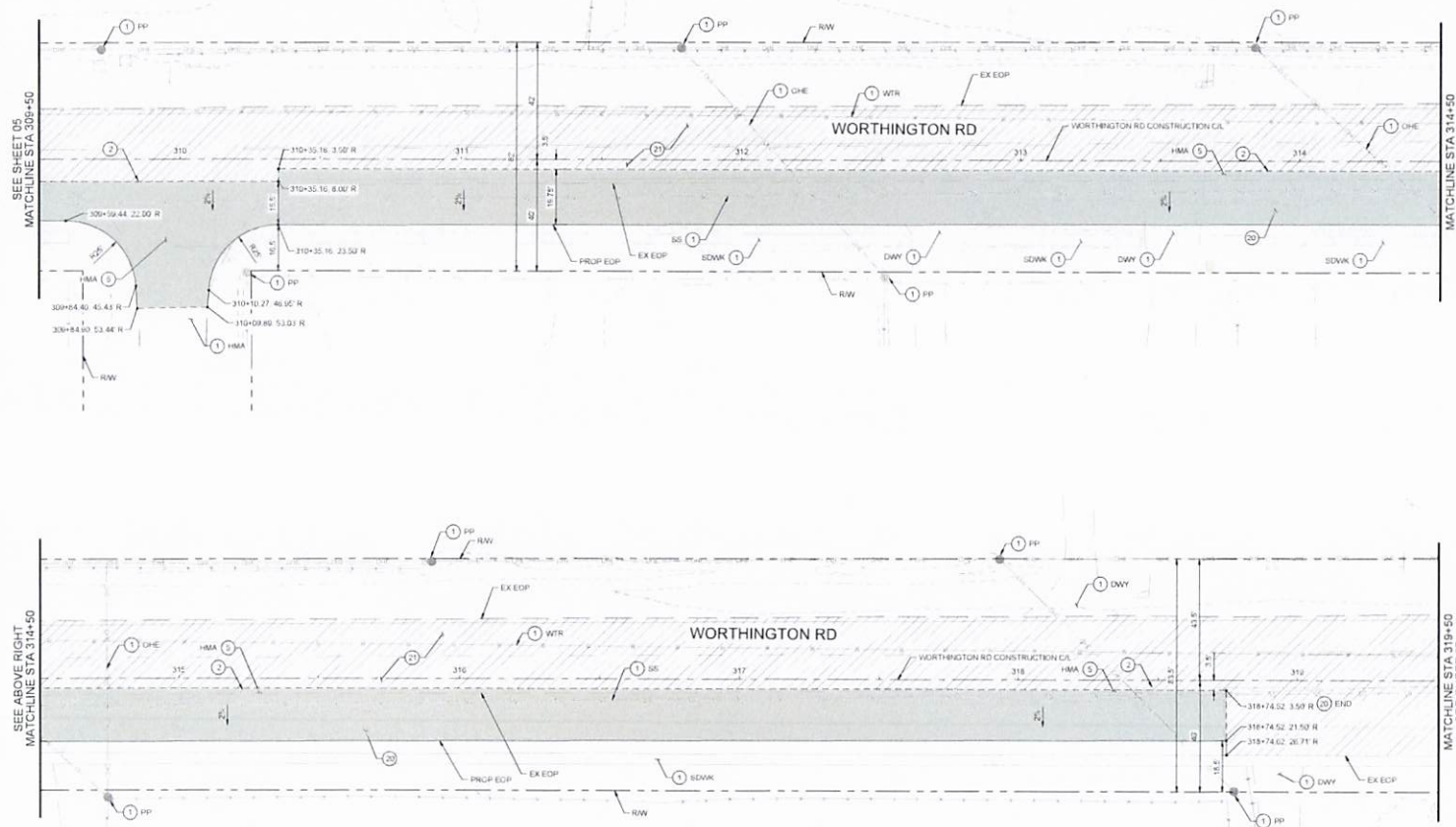
- RIGHT OF WAY LINE
- MARKET LINE
- GRAVEL LINE
- EXISTING EDGE LINE
- HMA IMPROVEMENT
- HCC FINISH
- WALL AND OVERLAY
- LANEWAYS PER LANDSCAPE PLAN

GENERAL NOTES

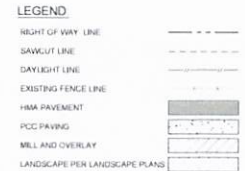
1. SEE TITLE SHEET FOR IMPROVEMENT NOTES AND DETAIL NOTES.
2. VERIFY THE EXISTENCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES WITHIN THE PROJECT LIMITS THAT MAY CONFLICT WITH THE IMPROVED PLAN.
3. TO THE EXTENT POSSIBLE, CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING UTILITIES AND MANHOLES. CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING MANHOLES AND UTILITIES THAT MAY BE DAMAGED OR DISRUPTED BY THE IMPROVEMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND MANHOLES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UTILITIES AND MANHOLES.
4. REMOVAL OF ALL EXISTING IMPROVEMENTS LESS THAN 2" WALK MAT FINISH TYPICAL.
5. THE REMOVAL OF HMA INCLUDES SEPARATE AND BASE SECTION.
6. THE CONTRACTOR SHALL DETERMINE THE START AND POINT OF WORK. HMA TO BE CONSTRUCTED IN THE LIMITS AND POINT OF THE WORK SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. BY OTHER SPECIAL DRAWING OR FIELD MARKS ONLY.

<p>UNAUTHORIZED CHANGES & OMISSIONS. The Engineer preparing these plans is not responsible for any changes or omissions made to these plans, and any such changes or omissions shall be the responsibility of the person making such changes or omissions.</p>	<p>APPROVED: [Signature]</p> <p>DATE: _____</p>	<p>CITY OF IMPERIAL 420 South Imperial Avenue Imperial, CA 92251 Ph: (760) 355-4371 Fax: (760) 355-4718</p>	<p>BENCHMARK BENCHMARK ELEVATION: BENCHMARK DESCRIPTION:</p>	<p style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;">NOT FOR CONSTRUCTION</p>	<p>APPROVED BY DIRECTOR OF PUBLIC WORKS: CITY OF IMPERIAL, CA</p> <p>NO WORK SHALL BE DONE ON THIS PROJECT WITHOUT THE PRESENT AND EXISTING RECORD PLANS ON FILE WITH THE CITY OF IMPERIAL, CA.</p> <p>Underground Service Alert Call 811-800</p>	<p>PROJECT TITLE: HIGHWAY PHASE I IMPROVEMENTS</p> <p>CITY OF IMPERIAL</p> <p>SCALE: N/A</p> <p>DESIGNED BY: [Signature]</p> <p>CHECKED BY: [Signature]</p> <p>DATE: APRIL 2024</p>	<p>COR</p> <p>SHEET 05 OF 43 SHEETS</p>
--	---	--	---	--	--	---	--

Exhibit 1



- CONSTRUCTION NOTES**
- ① PROTECT IN PLACE
 - ② SAWCUT PER DETAIL A ON SHEET 03
 - ③ REMOVE AND DISPOSE
 - ④ CONSTRUCT 5.5" HMA OVER 2" CLASS 2 AGGREGATE BASE
 - ⑤ COLD MILL 2.5" OF EXISTING HMA AND OVERLAY 2.5" HMA



- GENERAL NOTES**
1. SEE TITLE SHEET FOR IMPROVEMENT NOTES AND DEMOLITION NOTES.
 2. VERIFY THE EXISTENCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES WITHIN THE PROJECT AREA THAT MAY CONFLICT WITH THE PROPOSED CONSTRUCTION. EXISTING UTILITIES MAY BE PRESENT EVEN IF NOT SHOWN ON PLAN.
 3. TO THE EXTENT POSSIBLE, CONTRACTOR SHALL PROTECT IN PLACE ALL SURVEY MONUMENTS DURING THE COURSE OF CONSTRUCTION. CONTRACTOR'S LAND SURVEYOR SHALL INDEPENDENTLY VERIFY/DETERMINE ANY AND ALL SURVEY MONUMENTS THAT MAY OR WILL BE DISTURBED OR DESTROYED BY THE CONTRACTOR'S ACTIVITIES. CONTRACTOR'S LAND SURVEYOR SHALL FILE WITH THE OFFICE OF THE COUNTY SURVEYOR CURRENT RECORDS AND/OR RECORDS OF SURVEY PRIOR TO SUCH DISTURBANCE AND UPON RE-ESTABLISHMENT OF THE SURVEY MONUMENTS.
 4. AREAS OF FULL DEPTH REPLACEMENT LESS THAN 2' WIDE MAY UTILIZE FULL DEPTH HMA.
 5. THE REMOVAL OF HMA INCLUDES ASPHALT AND BASE SECTION.
 6. THE CONTRACTOR SHALL DETERMINE THE LIMITS AND LAYOUT OF WORK PRIOR TO DEMOLITION. THE LIMITS AND LAYOUT OF THE WORK SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. BY EITHER SHOP DRAWING OR FIELD MARK OUTS.



NO.	REVISIONS	APPROVED	DATE



CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK:
 BENCHMARK ELEVATION =
 BENCHMARK DESCRIPTION:



APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA

BY: _____ DATE: _____

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW NOTICE IS ISSUED OF INTENTION TO GRADE OR EXCAVATE.

Underground Service Alert
 Call: TOLL FREE
 1-800-227-2600
 NO WORKING DAYS BEFORE 100 D.C.

PREPARED UNDER THE DIRECT SUPERVISION OF
 BLANCA H. SOTO
 P.C.E. NO. 88397
 DATE: 04/18/2024 REC. EXP. 03/21/2025

PROJECT TITLE: CITY OF IMPERIAL
 AHSC-ARPA PHASE 1 IMPROVEMENTS

SHEET CONTENT: IMPROVEMENT PLANS
 WORTHINGTON ROAD

SCALE: 1/4" = 1'-0"

DRAWN BY: BS

REVIEWED BY: PD

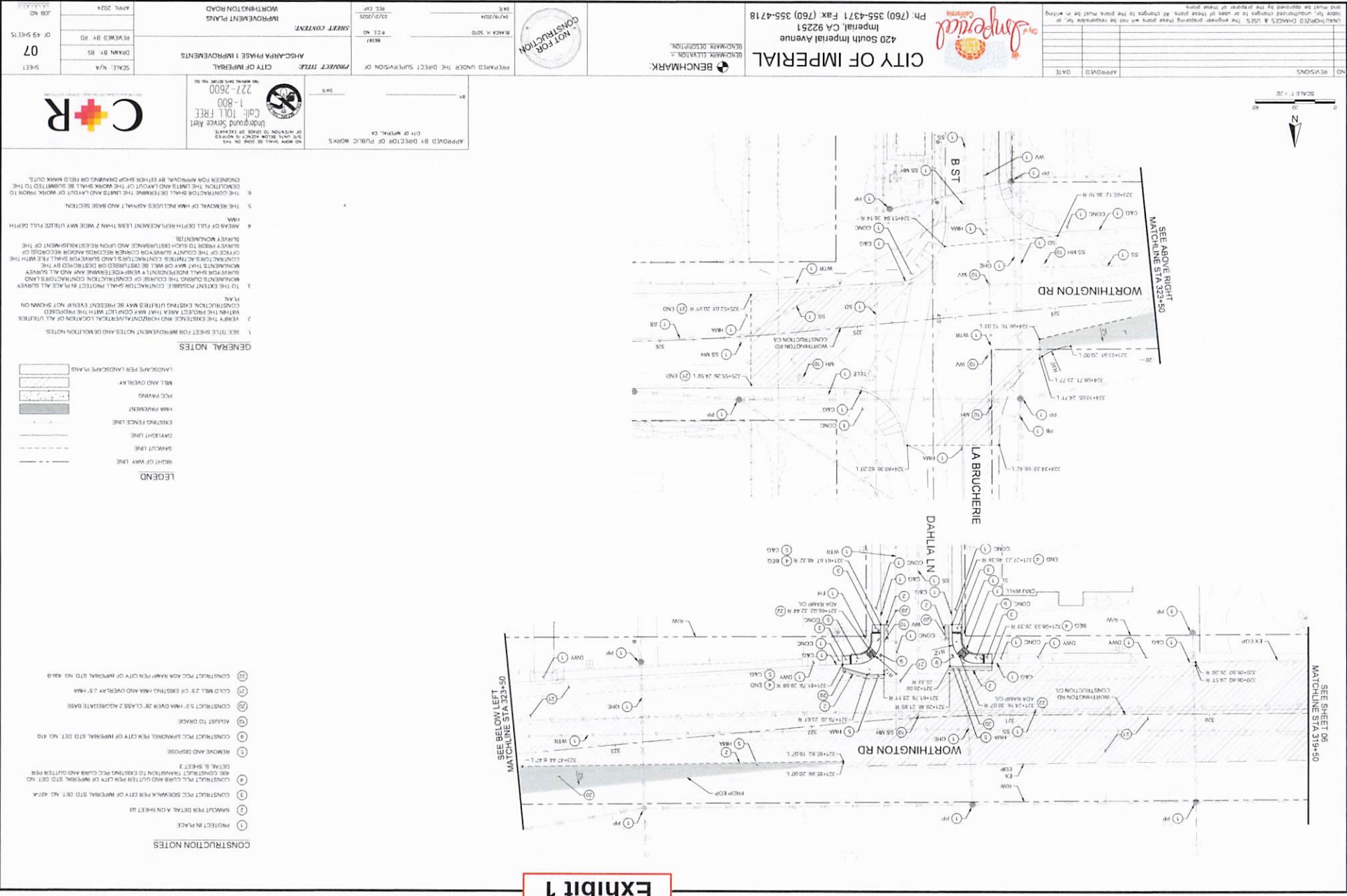
DATE: APRIL 2024

SHEET NO.: 06
 OF 49 SHEETS

JOB NO.: 18-24-001



Exhibit 1



CONSTRUCTION NOTES

- 1 PROJECT IN PLACE
- 2 SHALLOT PER DETAIL A ON SHEET 04
- 3 CONSTRUCT PCC SIDEWALK PER CITY OF IMPERIAL STD. DET. NO. 407A
- 4 CONSTRUCT PCC CURB AND GUTTER PER CITY OF IMPERIAL STD. NO. 408
- 5 CONSTRUCT TRANSITION TO EXISTING PCC CURB AND GUTTER PER DETAIL B, SHEET 3
- 6 REMOVE AND REPLACE
- 7 CONSTRUCT PCC SHOULDER PER CITY OF IMPERIAL STD. DET. NO. 410
- 8 ADJUST TO GRADE
- 9 CONSTRUCT 5.5' HMA OVER 28" CLASS 2 AGGREGATE BASE
- 10 COLLECT 2.5' OF EXISTING HMA AND OVERLAY 2.5" HMA
- 11 CONSTRUCT PCC RAMP PER CITY OF IMPERIAL STD. NO. 404B
- 12 LANDSCAPE PER LANDSCAPE PLANS

LEGEND

- RIGHT OF WAY LINE
- SHOULDER LINE
- DAYLIGHT LINE
- EXISTING FENCE LINE
- HMA PAVEMENT
- PCC PAVING
- MILL AND OVERLAY
- LANDSCAPE PER LANDSCAPE PLANS

GENERAL NOTES

1. SEE TITLE SHEET FOR IMPROVEMENT NOTES AND DEMOLITION NOTES.
2. VERIFY THE EXISTENCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES WITHIN THE PROJECT AREA THAT MAY BE CONTACTED WITH THE PROPOSED CONSTRUCTION. EXISTING UTILITIES MAY BE PRESENT, BUT NOT SHOWN ON PLAN.
3. TO THE EXTENT POSSIBLE, CONTRACTOR SHALL PROTECT IN PLACE ALL SURVEY MONUMENTS DURING THE COURSE OF CONSTRUCTION. CONTRACTOR SHALL SURVEY FOR AND PROTECT MONUMENTS AFFECTED BY THE PROPOSED IMPROVEMENTS. MONUMENTS THAT MAY BE DISTURBED OR DESTROYED BY THE CONSTRUCTION SHALL BE RELOCATED AND RECORDED WITH THE COUNTY SURVEYOR. CONTRACTOR SHALL MAINTAIN RECORDS OF THE SURVEY MONUMENTS AND UPON RE-ESTABLISHMENT OF THE SURVEY MONUMENTS.
4. AREAS OF FILL DEPTH REPLACEMENT LESS THAN 7" WIDE MAY UTILIZE FILL DEPTH HMA.
5. THE REMOVAL OF HMA INCLUDES ASPHALT AND BASE SECTION.
6. THE CONTRACTOR SHALL DETERMINE THE LIMITS AND LOCATION OF WORK. REASON TO DEMOLITION, THE LIMITS AND LOCATION OF THE WORK SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. IF EITHER SHIP DRAWING OR FIELD MARK OULS.

APPROVED BY DIRECTOR OF PUBLIC WORKS

CITY OF IMPERIAL, CA

NO WORK SHALL BE DONE ON THIS DATE UNLESS A WORK ORDER IS IN PLACE

1-800-CALIF-TOLL-FREE

222-2600

Underground Service Alert

PREPARED UNDER THE DIRECT SUPERVISION OF

PROJECT TITLE: CITY OF IMPERIAL AHS-CARMA PHASE I IMPROVEMENTS

PROJECT NO.: 217/2025

DATE: 04/19/2024

SCALE: N/A

DRAWN BY: BS

REVIEWED BY: BS

DATE: APRIL 2024

JOB NO. 07

SHEET 07 OF 49 SHEETS

420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718

CITY OF IMPERIAL

BENCHMARK ELEVATION:
BENCHMARK DESCRIPTION:

REVISIONS

NO.	REVISIONS	DATE

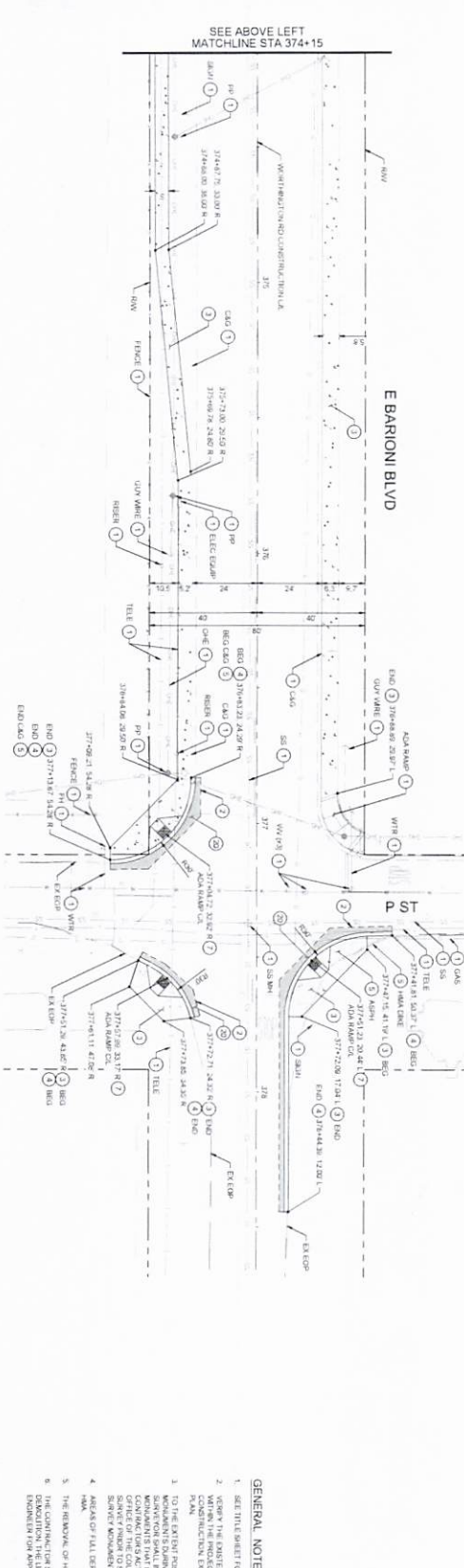
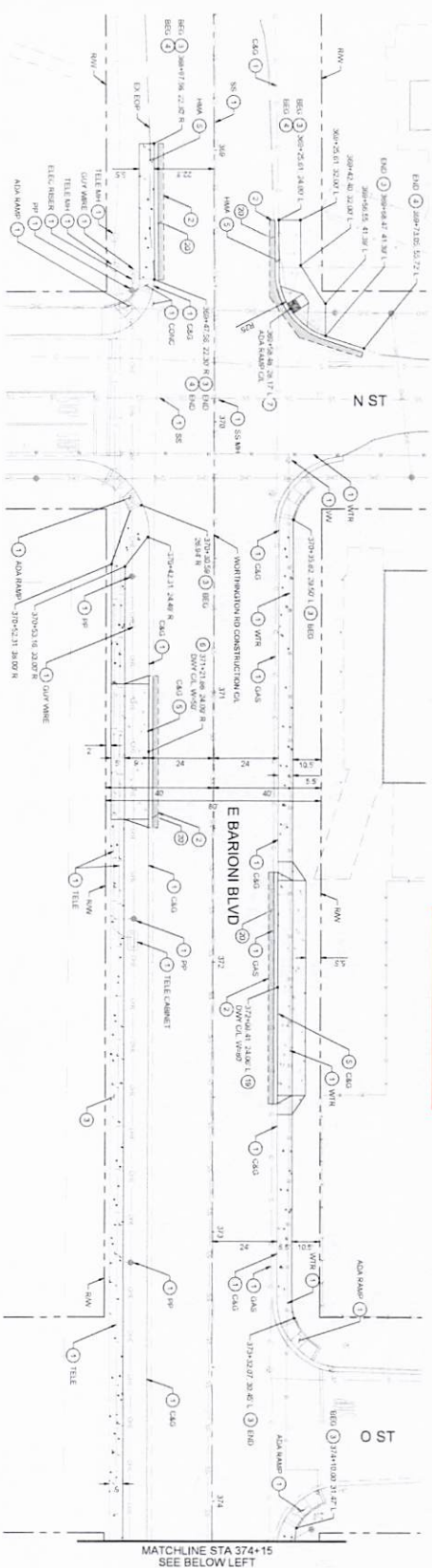
APPROVED DATE

NOT FOR CONSTRUCTION

SCALE: 1" = 20'

UNLAWFUL TO REPRODUCE OR TRANSMIT IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE ENGINEER. THE ENGINEER'S RESPONSIBILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED HEREON. THE USER OF THESE PLANS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE EXISTENCE AND LOCATION OF ALL UTILITIES AND OBSTRUCTIONS PRIOR TO CONSTRUCTION.

Exhibit 1



- ### CONSTRUCTION NOTES
1. PROJECT IN PLACE
 2. SHOWN FOR DETAIL, AS SHOWN ON SHEET 04
 3. CONSTRUCT TO CITY SPECIFICATIONS AND PER CITY OF IMPERIAL STD. DET. NO. 400
 4. CONSTRUCT TO CITY SPECIFICATIONS AND PER CITY OF IMPERIAL STD. DET. NO. 400
 5. REMOVE AND REGRADE
 6. CONSTRUCT TO CITY SPECIFICATIONS AND PER CITY OF IMPERIAL STD. DET. NO. 400
 7. CONSTRUCT TO CITY SPECIFICATIONS AND PER CITY OF IMPERIAL STD. DET. NO. 400
 8. CONSTRUCT TO CITY SPECIFICATIONS AND PER CITY OF IMPERIAL STD. DET. NO. 400
 9. CONSTRUCT TO CITY SPECIFICATIONS AND PER CITY OF IMPERIAL STD. DET. NO. 400
 10. CONSTRUCT TO CITY SPECIFICATIONS AND PER CITY OF IMPERIAL STD. DET. NO. 400

- ### LEGEND
- HEIGHT OF WAY LINE
 - SEWER LINE
 - CHANGING LINE
 - EXISTING UTILITY LINE
 - HWM (WATER)
 - FGC (FIBER OPTIC)
 - WALL AND OVERLAY
 - LANDSCAPE PLAN

- ### GENERAL NOTES
1. SET TITLE SHEET FOR RESPONSE TO NOTES AND DEMOLITION NOTES
 2. VERIFY THE EXISTENCE AND CONDITION AND VERTICAL LOCATION OF ALL UTILITIES
 3. VERIFY THE EXISTENCE AND CONDITION AND VERTICAL LOCATION OF ALL UTILITIES
 4. VERIFY THE EXISTENCE AND CONDITION AND VERTICAL LOCATION OF ALL UTILITIES
 5. TO THE EXTENT POSSIBLE, CONSTRUCTION SHALL PROTECT IN PLACE ALL EXISTING UTILITIES AND STRUCTURES THAT MAY BE AFFECTED BY THE PROPOSED CONSTRUCTION. ANY UTILITIES OR STRUCTURES THAT MAY BE AFFECTED BY THE PROPOSED CONSTRUCTION SHALL BE PROTECTED BY THE CONTRACTOR AND THE CITY OF IMPERIAL SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES.
 6. THE CONTRACTOR SHALL OBTAIN THE LIMITS AND LOCATION OF ALL UTILITIES AND STRUCTURES FROM THE CITY OF IMPERIAL AND THE COUNTY ENGINEER AND RECORD AND RECONSTRUCTION OF THE UTILITIES AND STRUCTURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 7. THE CONTRACTOR SHALL OBTAIN THE LIMITS AND LOCATION OF ALL UTILITIES AND STRUCTURES FROM THE CITY OF IMPERIAL AND THE COUNTY ENGINEER AND RECORD AND RECONSTRUCTION OF THE UTILITIES AND STRUCTURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 8. THE CONTRACTOR SHALL OBTAIN THE LIMITS AND LOCATION OF ALL UTILITIES AND STRUCTURES FROM THE CITY OF IMPERIAL AND THE COUNTY ENGINEER AND RECORD AND RECONSTRUCTION OF THE UTILITIES AND STRUCTURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 9. THE CONTRACTOR SHALL OBTAIN THE LIMITS AND LOCATION OF ALL UTILITIES AND STRUCTURES FROM THE CITY OF IMPERIAL AND THE COUNTY ENGINEER AND RECORD AND RECONSTRUCTION OF THE UTILITIES AND STRUCTURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 10. THE CONTRACTOR SHALL OBTAIN THE LIMITS AND LOCATION OF ALL UTILITIES AND STRUCTURES FROM THE CITY OF IMPERIAL AND THE COUNTY ENGINEER AND RECORD AND RECONSTRUCTION OF THE UTILITIES AND STRUCTURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans, and not the responsible for, or any other person, shall be held responsible for any errors or omissions in these plans. No changes to the plans shall be made without the written approval of the engineer.

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA

APPROVED BY: _____ DATE: _____

PREPARED UNDER THE DIRECT SUPERVISION OF: _____ DATE: _____

DESIGNED BY: _____ DATE: _____

CHECKED BY: _____ DATE: _____

PROJECT TITLE: CITY OF IMPERIAL
ANASCAPA PHASE I IMPROVEMENTS

PROJECT COUNTY: IMPERIAL COUNTY
E BARION ROAD

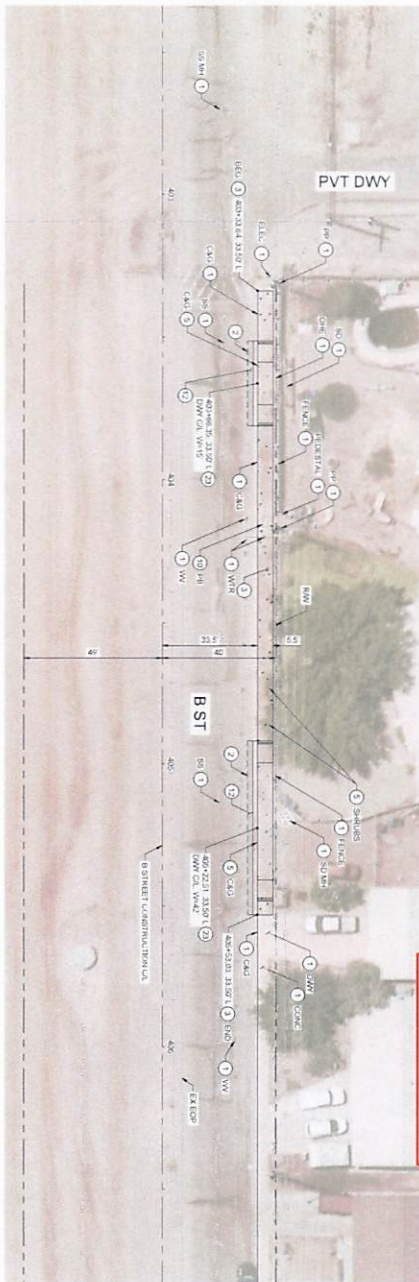
SCALE: N/A
SHEET: 08
OF 49 SHEETS
DRAWN BY: _____
CHECKED BY: _____
DATE: APRIL 2024

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718

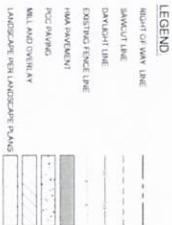
BENCHMARK
ENGINEERING, LLC
BENCHMARK ENGINEERING, LLC
1000 S. MAIN ST. SUITE 100
IMPERIAL, CA 92251
TEL: (760) 355-4718

C&R
ENGINEERING

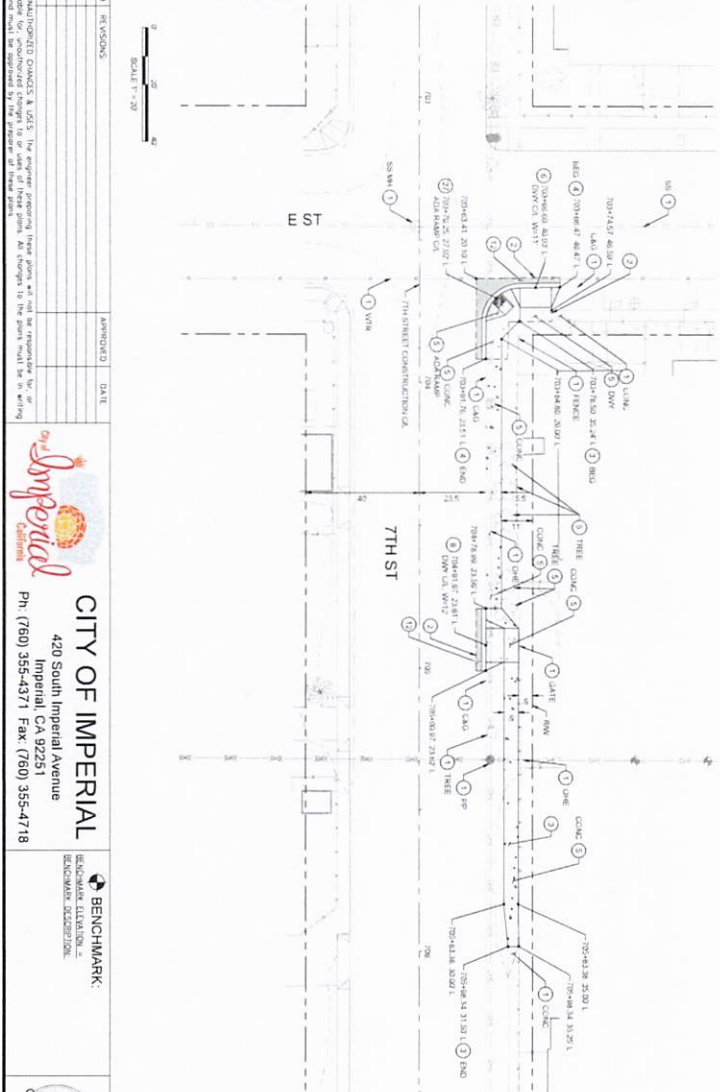
Exhibit 1



- ### CONSTRUCTION NOTES
- 1 PROJECT IN PLACE
 - 2 SANDLOT PER DETAIL A ON SHEET A4
 - 3 CONSTRUCT PCC SIDEWALK PER CITY OF IMPERIAL STD DET. NO. 401-A
 - 4 CONSTRUCT PCC CURB AND COTTON PER CITY OF IMPERIAL STD DET. NO. 401-B
 - 5 CONSTRUCT PCC DRIVEWAY APPROXIMATE PER CITY OF IMPERIAL STD DET. NO. 401-C
 - 6 REMOVE AND REPLACE
 - 7 CONSTRUCT 1' SANDWICH PER CITY OF IMPERIAL STD DET. NO. 401-D
 - 8 ADJUST TO GRADE
 - 9 CONSTRUCT 3" HMA OVER 18" CLASS 2 AGGREGATE BASE
 - 10 CONSTRUCT PCC DRIVEWAY APPROXIMATE PER CITY OF IMPERIAL STD DET. NO. 401-E
 - 11 CONSTRUCT MODIFIED PCC DRIVEWAY PER CITY OF IMPERIAL STD DET. NO. 401-F
 - 12 CONSTRUCT MODIFIED PCC DRIVEWAY PER CITY OF IMPERIAL STD DET. NO. 401-G



- ### GENERAL NOTES
- 1 SEE TITLE SHEET FOR IMPROVEMENT NOTES AND DEMOTION NOTES.
 - 2 VERIFY THE EXISTENCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES WITHIN THE PROJECT AREA THAT MAY COINCIDE WITH THE PROPOSED IMPROVEMENTS. VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES WITHIN THE PROJECT AREA THAT MAY COINCIDE WITH THE PROPOSED IMPROVEMENTS.
 - 3 TO THE EXTENT POSSIBLE, CONSTRUCTION SHALL PROTECT IN PLACE ALL EXISTING WORKMANSHIP INCLUDING THE CURB AND CONCRETE DRIVEWAY AND SANDWICH WORKMANSHIP THAT MAY OR WILL BE DETRIEVED OR OBTAINED BY THE CITY OF IMPERIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING WORKMANSHIP AND FOR THE REPAIR AND REPLACEMENT OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING WORKMANSHIP AND FOR THE REPAIR AND REPLACEMENT OF THE SAME.
 - 4 AREAS OF TALL CYPRESS TREES SHALL BE MARKED WITH TALL CYPRESS TREES.
 - 5 THE REMOVAL OF HMA INCLUDES SPHALT AND BASE SECTION.
 - 6 THE CONTRACTOR SHALL DETERMINE THE LIMITS AND LOCATION OF THE WORK AREAS TO BE EXCAVATED AND LAYOUT OF THE WORK SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. THE LIMITS AND LAYOUT OF THE WORK SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. THE LIMITS AND LAYOUT OF THE WORK SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
 - 7 CONSTRUCTION TO BE COMPLETED BY THE CITY ENGINEER PRIOR TO REMOVAL OF EXISTING CONSTRUCTION.



NO.	REVISIONS	APPROVED	DATE

CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK:
 BENCHMARK ELEVATION:
 BENCHMARK DESCRIPTION:



PREPARED UNDER THE DIRECT SUPERVISION OF
 ENGINEER
 R. J. NO. 13372
 DATE: 04/19/2024

APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA
 [Signature]

CITY OF IMPERIAL
 ANS-CARPA PHASE 1 IMPROVEMENTS
 SHEET COVER: IMPROVEMENT PLANS
 B AND 7TH STREET

Underground Service Net
 Call: 1-800-277-7800

SCALE: N/A
 DRAWN BY: SS
 CHECKED BY: SS
 SHEET NO. 09
 OF 49 SHEETS
 DATE: 08/13/24

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for or endorse any unauthorized changes to or use of these plans. All changes to the plans shall be in writing and shall be approved by the engineer preparing these plans.

NO.	REVISIONS	DATE	APPROVED



CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
 BENCHMARK ELEVATION:
 BENCHMARK DESCRIPTION:



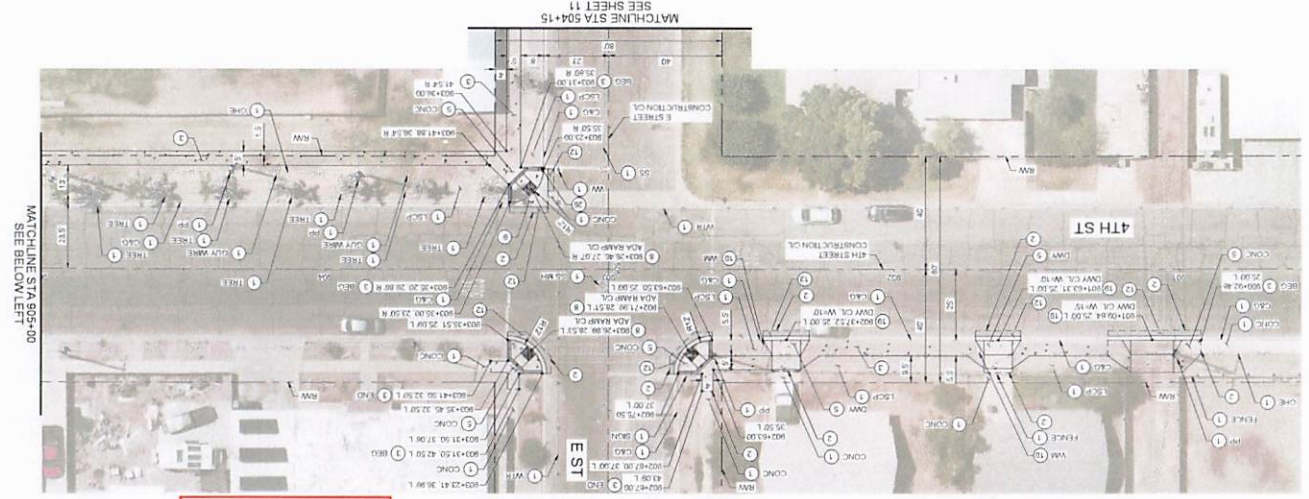
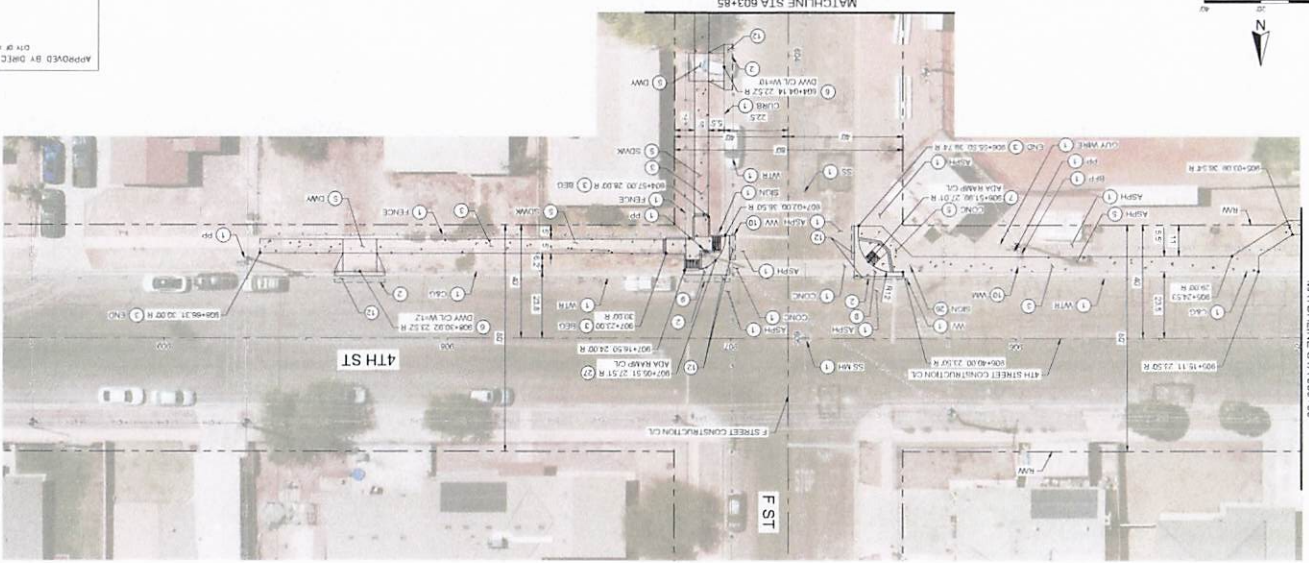
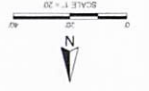
DATE: 04/17/2024
 DRAWN BY: SS
 SHEET: 10
 OF 49 SHEETS
 SCALE: N/A

SHEET CONTENT:
 IMPROVEMENT PLANS
 4TH STREET

PROJECT TITLE:
 AHS-CARP-PHASE 1 IMPROVEMENTS
 CITY OF IMPERIAL



APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA
 NO WORK SHALL BE DONE ON THIS PROJECT WITHOUT AGENCY APPROVAL
 227-2600
 1-800
 Call Toll Free
 Underground Service Alert



- GENERAL NOTES**
1. SEE THE SHEET FOR IMPROVEMENT NOTES AND DETAIL NOTES.
 2. VERIFY THE EXISTENCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES WITHIN THE PROJECT AREA THAT MAY INTERFERE WITH THE PROPOSED CONSTRUCTION. EXISTING UTILITIES MAY BE PRESENT EVEN IF NOT SHOWN ON PLAN.
 3. TO THE EXTENT POSSIBLE, CONTRACTOR SHALL PROTECT IN PLACE ALL SURVEY MONUMENTS THAT MAY BE OBTAINED OR DESTROYED BY THE WORK. CONTRACTOR SHALL MAINTAIN RECORDS OF THE LOCATION AND CONDITION OF ALL MONUMENTS AND LUPON RE-ESTABLISHMENT OF THE SURVEY MONUMENTS.
 4. AREAS OF FULL DEPTH REPAIRMENT LESS THAN 2 WIDE WAY UTILIZE FULL DEPTH REPAIR WORK.
 5. THE REMOVAL OF HAW INCLUDES ASPHALT AND BASE SECTION.
 6. THE CONTRACTOR SHALL DETERMINE THE LIMITS AND LAYOUT OF WORK PRIOR TO THE BEGINNING OF THE WORK AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND OTHER FEATURES SHOWN ON FIELD MARK OUTS.

- LEGEND**
- RIGHT OF WAY LINE
 - SMOOTH LINE
 - DAYLIGHT LINE
 - EXISTING FENCE LINE
 - HAW PAVEMENT
 - PCC PAVEMENT
 - MILL AND OVERLAY
 - LANDSCAPE PER LANDSCAPE PLANS

- CONSTRUCTION NOTES**
1. PROJECT IN PLACE
 2. COMPUTE PER DETAIL ON SHEET 99
 3. REMOVE AND DEPOSE
 4. CONSTRUCT PERMANENT PCC DRIVEWAY APPROACH PER CITY OF IMPERIAL STD. DET. NO. 804
 5. CONSTRUCT PCC FULL CORNER ADA RAMP PER CITY OF IMPERIAL STD. DET. NO. 499
 6. CONSTRUCT PCC SPANOVER PER CITY OF IMPERIAL STD. DET. NO. 419
 7. CONSTRUCT 3" HAW OVER 14" CLASS 3 AGGREGATE BASE
 8. CONSTRUCT PCC DRIVEWAY APPROACH PER CITY OF IMPERIAL STD. DET. NO. 803
 9. REMOVE AND REINSTALL EXISTING SIGN
 10. CONSTRUCT MOVED PCC OBSTRUCTED ADA RAMP PER CITY OF IMPERIAL STD. DET. NO. 499-D

Exhibit 1

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. No changes to the plans must be in writing.

NO.	REVISIONS	DATE	APPROVED



CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK DESIGN
 BENCHMARK ELEVATION:
 BENCHMARK DESCRIPTION:

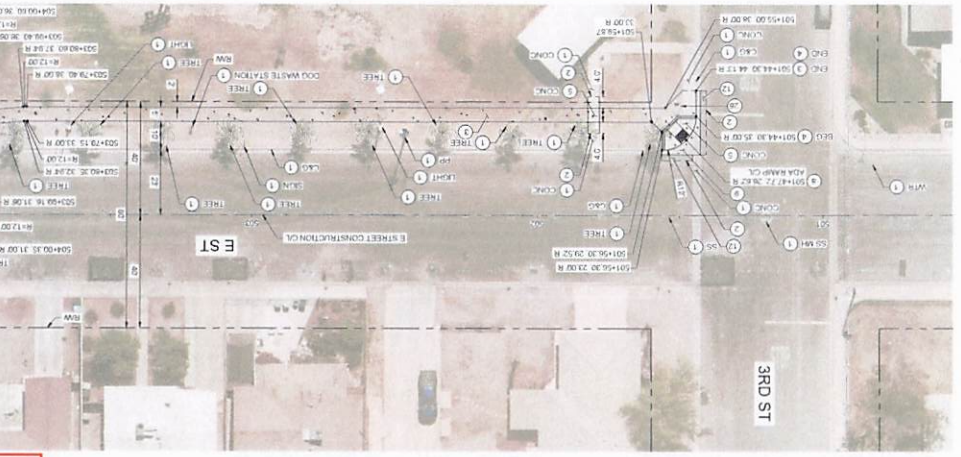
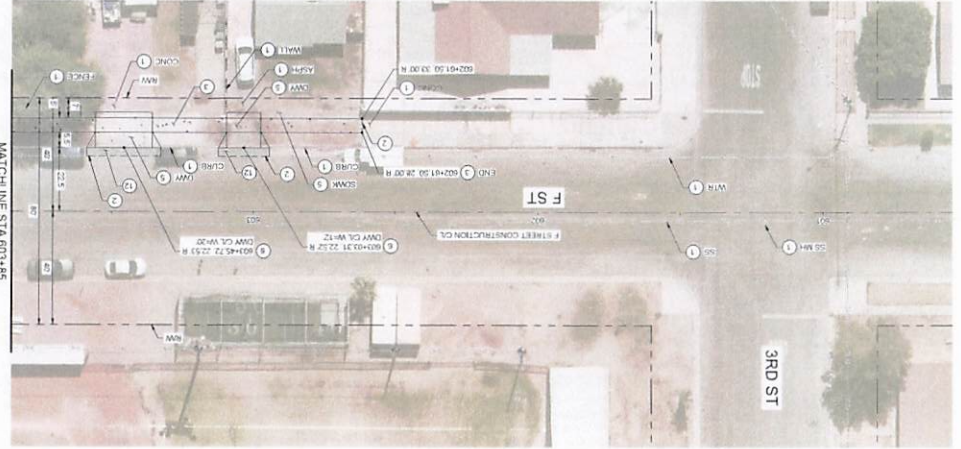


PREPARED UNDER THE DIRECT SUPERVISION OF
PROJECT TITLE: CITY OF IMPERIAL
PROJECT CONTENT: AHS-CARPA PHASE I IMPROVEMENTS
IMPROVEMENT PLANS E AND F STREET

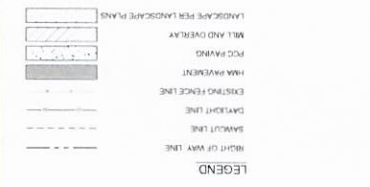
DATE: APRIL 2024
 SHEET: 11
 OF 49 SHEETS



APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA
 NO WORK SHALL BE DONE ON THIS PROJECT UNLESS THE CONTRACTOR HAS A CURRENTLY VALID LICENSE TO CONTRACT FOR THE TYPE OF WORK TO BE PERFORMED.
 UNDERGROUND SERVICE AGENCY
 Call: 1-800-777-2600
 Cal: TOLL FREE



- GENERAL NOTES**
1. SEE TITLE SHEET FOR IMPROVEMENT NOTES AND DEMOLITION NOTES.
 2. VERIFY THE EXISTENCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES WITHIN THE PROJECT AREA THAT MAY BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION. EXISTING UTILITIES MAY BE PRESENT EVEN IF NOT SHOWN ON PLAN.
 3. TO THE EXTENT POSSIBLE, CONTRACTOR SHALL PROTECT IN PLACE ALL SURVEY MONUMENTS THAT MAY BE FOUND ON THE COURSE OF CONSTRUCTION. CONTRACTORS AND SUBCONTRACTORS SHALL MAINTAIN AND PROTECT EXISTING ANY AND ALL SURVEY MONUMENTS THAT MAY BE FOUND ON THE COURSE OF CONSTRUCTION. CONTRACTORS OF THE COUNTY SHOWER CONCRETE RECORDS AND RECORD RECONSTRUCTION OF THE SURVEY FROM TO SUCH DISTANCE AND UPON RECONSTRUCTION OF THE SURVEY MONUMENTS.
 4. AREAS OF FULL DEPTH REPAIRMENT LESS THAN 2 WIDE WAY UTILIZE FULL DEPTH REPAIRMENT.
 5. THE REMOVAL OF HMA INCLUDES ASPHALT AND BASE SECTION.
 6. THE CONTRACTOR SHALL DETERMINE THE LIMITS AND LAYOUT OF THE WORK PRIOR TO THE ENGINEER FOR APPROVAL. BY EITHER SHOP DRAWING OR FIELD MARK CUTS.



- CONSTRUCTION NOTES**
1. PROTECT IN PLACE
 2. SAWCUT PER DETAIL A ON SHEET 20
 3. CONSTRUCT PCC SIDEWALK PER CITY OF IMPERIAL STD DET. NO. 407A
 4. CONSTRUCT PCC CURB AND GUTTER PER CITY OF IMPERIAL STD DET. NO. 407A
 5. CONSTRUCT TRANSMISSION TO EXISTING PCC CURB AND GUTTER PER DETAIL B, SHEET 3
 6. REMOVE AND DISPOSE
 7. CONSTRUCT PRIMARY PCC DRIVEWAY APPROACH PER CITY OF IMPERIAL STD DET. NO. 404
 8. DET. NO. 404
 9. CONSTRUCT PCC FULL CORNER ADA RAMP PER CITY OF IMPERIAL STD DET. NO. 410
 10. CONSTRUCT PCC SIDEWALK PER CITY OF IMPERIAL STD DET. NO. 410
 11. CONSTRUCT 7' HMA OVER 14" CLASS 2 AGGREGATE BASE
 12. REMOVE AND REINSTALL EXISTING SIGN

Exhibit 1

NO.	REVISIONS	DATE	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for any work or modification changes to or use of these plans. All changes to the plans must be in writing and must be approved by the engineer of these plans.



CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
 BENCHMARK DESCRIPTION:
 BENCHMARK ELEVATION:

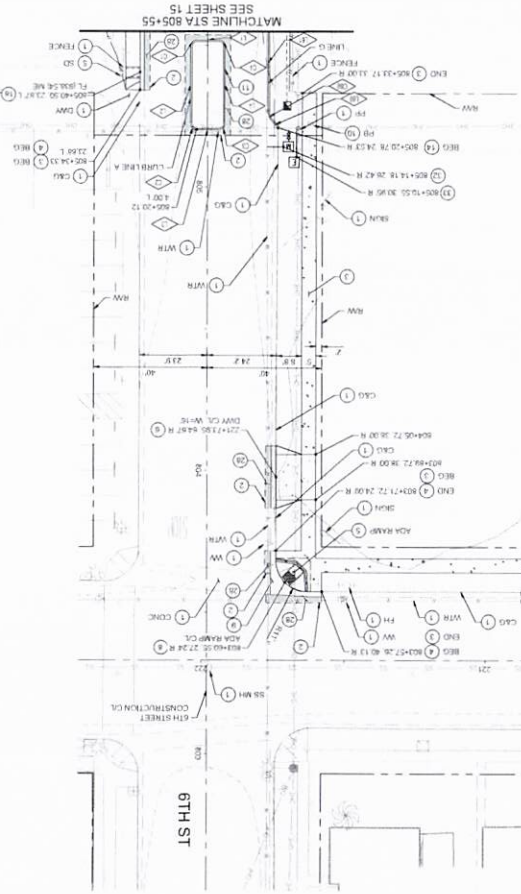


DATE: 04/19/2024
 PREPARED UNDER THE DIRECT SUPERVISION OF
 PROJECT TITLE: CITY OF IMPERIAL
 MHC-RAN-PA PHASE I IMPROVEMENTS
 SHEET CONTENT: IMPROVEMENT PLANS
 6TH STREET

DATE: APRIL 2024
 SCALE: 1/4" = 1'-0"
 DRAWN BY: BS
 REVIEWED BY: BS
 SHEET NO: 12
 OF 49 SHEETS

CURB LINE A GEOMETRIC DATA	LENGTH	LENGTH	LINECHORD BISECTION	R	T	DELTA	REMARKS
1	0.00'	140.7155' W	0	2.00'	2.00'	90.0000'	P.C.C. BARBER CURB
2	0.00'	140.7155' W	0	2.00'	2.00'	90.0000'	P.C.C. BARBER CURB
3	1.14'	546.3717' W	0	2.00'	2.00'	89.9972'	P.C.C. BARBER CURB
4	0.00'	546.3717' W	0	2.00'	2.00'	90.0028'	P.C.C. BARBER CURB
5	1.13'	540.2727' E	0	2.00'	2.00'	89.9972'	P.C.C. BARBER CURB
6	0.00'	540.2727' E	0	2.00'	2.00'	90.0028'	P.C.C. BARBER CURB
7	1.14'	140.7155' W	0	2.00'	2.00'	90.0000'	P.C.C. BARBER CURB
8	0.00'	140.7155' W	0	2.00'	2.00'	90.0000'	P.C.C. BARBER CURB
9	1.14'	546.3717' E	0	2.00'	2.00'	89.9972'	P.C.C. BARBER CURB
10	0.00'	546.3717' E	0	2.00'	2.00'	90.0028'	P.C.C. BARBER CURB

SEE SHEET 15 FOR LINE G GEOMETRIC DATA TABLE



APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA
 NO WORK SHALL BE DONE ON THIS SITE UNTIL AFTER 48 HOURS OF NOTICE TO THE AGENCY

1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES.

2. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES.

3. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES.

4. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES.

5. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES.

6. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES.

7. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES.

8. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES.

9. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES.

10. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES.

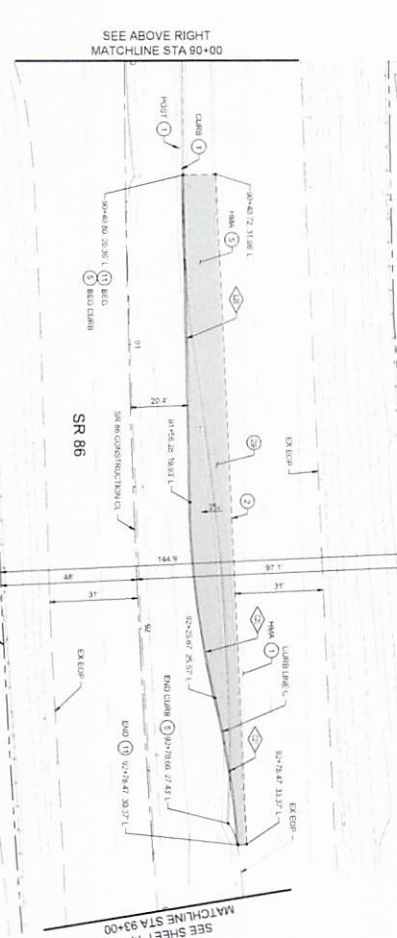
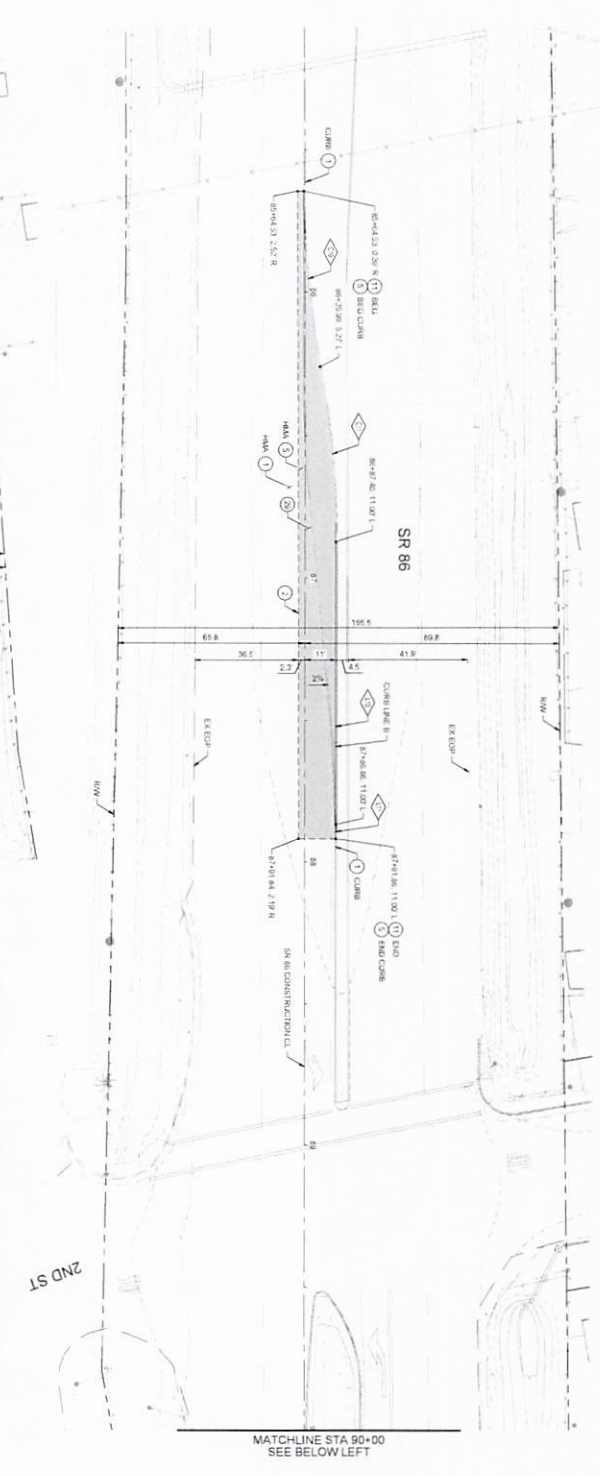
11. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES.

12. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES.

13. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND STRUCTURES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND STRUCTURES.

Exhibit 1

Exhibit 1



LENGTH	DIRECTION	R	T	DELTA	REMARKS
61.81	S04.94°W	323.20	31.30	10.4767	CITY OF IMPERIAL, STD DETAIL NO. 401
61.77	S04.80°W	323.00	30.97	10.3934	CITY OF IMPERIAL, STD DETAIL NO. 401
66.46	S06.20°W	323.00	30.97	10.3934	CITY OF IMPERIAL, STD DETAIL NO. 401
52.07	S10.94°W	310.00	29.42	9.7139	CITY OF IMPERIAL, STD DETAIL NO. 401

LENGTH	DIRECTION	R	T	DELTA	REMARKS
114.68	S06.05°W	323.20	31.30	10.4767	CITY OF IMPERIAL, STD DETAIL NO. 401
69.36	S07.13°W	323.00	31.42	10.2957	CITY OF IMPERIAL, STD DETAIL NO. 401
52.71	S08.20°W	317.00	28.42	9.7139	CITY OF IMPERIAL, STD DETAIL NO. 401

- GENERAL NOTES**
- SEE TITLE SHEET FOR IMPROVEMENT NOTES AND DEMOLITION NOTES.
 - VERIFY THE DISTANCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. EXISTING UTILITIES MAY BE PRESENT EVEN IF NOT SHOWN ON PLAN.
 - TO THE EXTENT POSSIBLE, CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING UTILITIES AND STRUCTURES THAT WILL NOT BE DEMOLISHED OR RELOCATED BY THE WORK. ANY NECESSARY SHIFTS OR REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. RECORD DRAWINGS AND RECORDS OF THE COUNTY SUPERVISOR ON THESE RECORDS AND RECORDS OF THE COUNTY SUPERVISOR SHALL BE MAINTAINED AND USED FOR FUTURE REFERENCE OF THE CONTRACTOR AND OWNER.
 - AREAS OF FILL OR EXISTING CONSTRUCTION SHALL BE REFINISHED TO ORIGINAL GRADE AND FINISHED WITH THE SAME MATERIALS AS THE ORIGINAL CONSTRUCTION.
 - THE REMOVAL OF H&M INCLUDES ASPHALT AND BASE SECTION.
 - THE CONTRACTOR SHALL DETERMINE THE NUMBER AND LOCATION OF WORK PILES TO BE USED FOR THE WORK AND AVOID OF THE WORK SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY OTHER SPECIAL DRAWINGS OR FIELD MARK SITES.

- CONSTRUCTION NOTES**
- PROJECT IN PLACE
 - REMOVE PER DETAIL A ON SHEET 2A
 - REMOVE AND REPLACE
 - CONSTRUCT P&C BARRIER CURB PER CITY OF IMPERIAL STD DETAIL NO. 401
 - CONSTRUCT 8.5" H&M OVER 34" CLASS 2 ASPHALT BASE



UNAUTHORIZED CHANGES TO THIS SHEET ARE THE RESPONSIBILITY OF THE USER. THE ENGINEER PROVIDING THESE PLANS AND NOT BE RESPONSIBLE FOR ANY CHANGES TO THESE PLANS. ANY CHANGES TO THESE PLANS MUST BE IN WRITING AND APPROVED BY THE ENGINEER PROVIDING THESE PLANS.

DATE: _____

SCALE: 1" = 20'

APPROVED: _____ DATE: _____

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA

FOR MORE INFORMATION, CONTACT THE CITY OF IMPERIAL AT 760-939-2100 OR VISIT OUR WEBSITE AT WWW.IMPERIALCA.GOV

PROJECT TITLE: CITY OF IMPERIAL ASCACABA PHASE 1 IMPROVEMENTS

IMPROVEMENT PLANS SR 86 AT 2ND STREET

DATE: _____

SCALE: 1/4" = 1'-0"

DRAWN BY: BS

REVIEWED BY: SD

DATE: APRIL 2024

SHEET 13 OF 49 SHEETS

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
SURVEYING & CONSULTING

NOT FOR CONSTRUCTION

PREPARED UNDER THE DIRECT SUPERVISION OF
DATE: _____

NO WORK SHALL BE DONE ON THIS PROJECT WITHOUT THE APPROVAL OF THE CITY OF IMPERIAL. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF IMPERIAL STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2019 EDITION.

DATE: _____

APPROVED BY: _____ DATE: _____

PROJECT TITLE: CITY OF IMPERIAL ASCACABA PHASE 1 IMPROVEMENTS

IMPROVEMENT PLANS SR 86 AT 2ND STREET

C&R

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, any unauthorized changes to or use of these plans. All changes to the plans must be in writing and must be approved by the engineer of these plans.

APPROVED DATE: _____

CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

Imperial
 California

BENCHMARK: BENCHMARK ELEVATION: _____

NOT FOR CONSTRUCTION

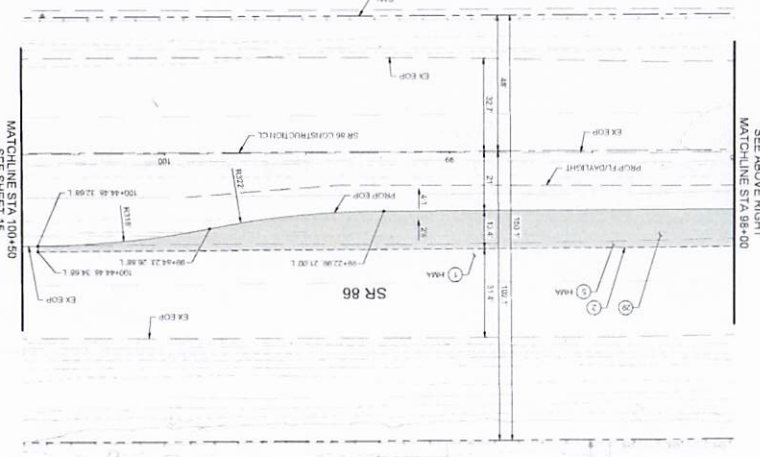
DATE: 04/19/2024
 DRAWN BY: 85
 CHECKED BY: 80
 SCALE: N/A

PROJECT TITLE: A-HIGHWAY PHASE I IMPROVEMENTS
 SHEET: 14
 SHEETS: 49

APPROVED BY DIRECTOR OF PUBLIC WORKS: _____
 CITY OF IMPERIAL, CA
 NO WORK SHALL BE DONE ON THIS PROJECT WITHOUT THE SIGNATURE OF THE DIRECTOR OF PUBLIC WORKS.

227-2600
 1-800
 Call Toll Free
 Underground Service Alert

CITY OF IMPERIAL
 IMPROVEMENT PLANS
 SR 96 AT 4TH STREET
 APRIL 2024

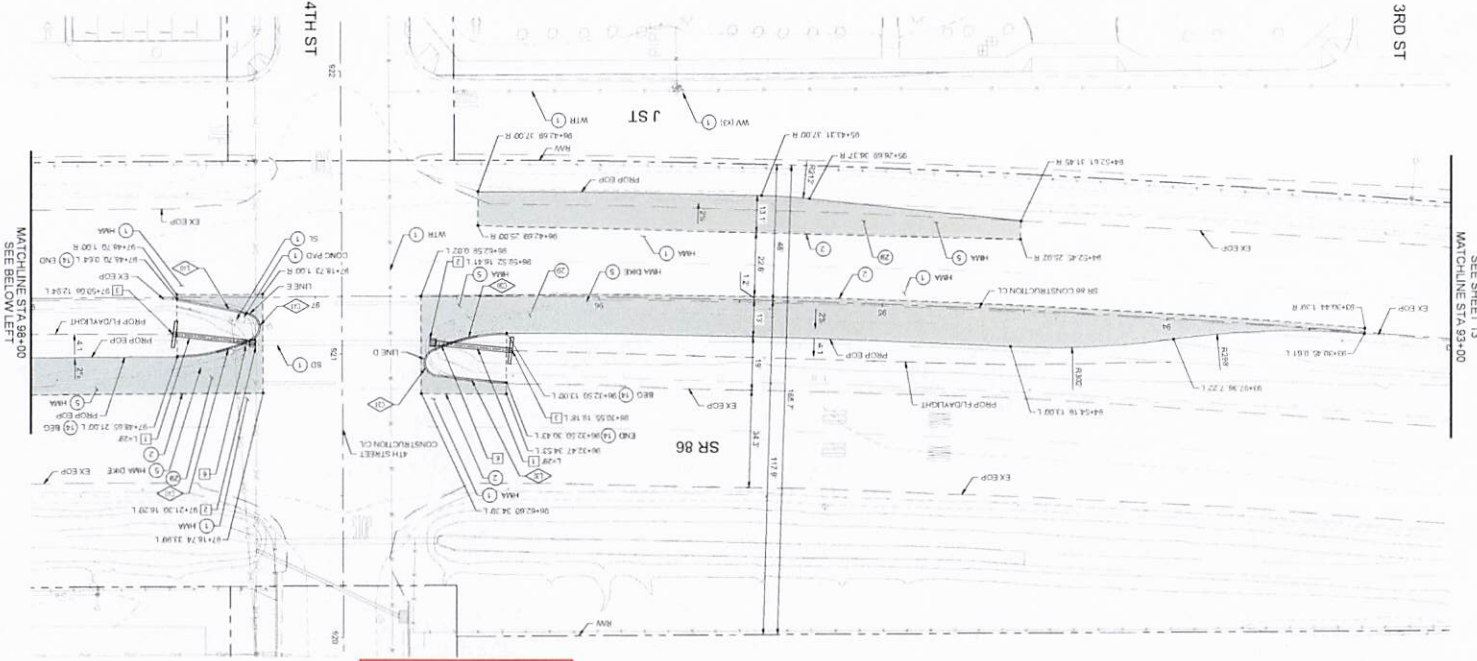


LINE D GEOMETRIC DATA

STATION	LENGTH	LANECHORD DIRECTION	DELTA	REMARKS
130+00	24.50	N08 00 40 E		CAL TRANS STD PLAN A/B/T
126+00	12.96	N40 13 23 E	5.00	TYPE A HMA DKE PER
118+00	17.68	N48 25 26 E	5.00	CAL TRANS STD PLAN A/B/T
113+00	27.00	S12 40 25 E	60.00	TYPE A HMA DKE PER
100+00	17.73	S2 46 58 E	5.00	CAL TRANS STD PLAN A/B/T
				DELTA

LINE E GEOMETRIC DATA

STATION	LENGTH	LANECHORD DIRECTION	DELTA	REMARKS
100+00	27.00	S12 40 25 E	60.00	TYPE A HMA DKE PER
97+00	17.73	S2 46 58 E	5.00	CAL TRANS STD PLAN A/B/T
93+00	12.96	N40 13 23 E	5.00	TYPE A HMA DKE PER
89+00	24.50	N08 00 40 E		CAL TRANS STD PLAN A/B/T
				DELTA



- GENERAL NOTES**
- SEE TITLE SHEET FOR IMPROVEMENT NOTES AND DEMOLITION NOTES.
 - VERIFY THE EXISTENCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES WITHIN THE PROJECT AREA THAT MAY BE IN CONTACT WITH THE PROPOSED CONSTRUCTION. EXISTING UTILITIES MAY BE PRESENT EVEN IF NOT SHOWN ON PLANS.
 - TO THE EXTENT POSSIBLE, CONTRACTOR SHALL PROTECT IN PLACE ALL SURVEY MONUMENTS OR MARKERS ON THE COURSE OF CONSTRUCTION (AND SURVEYOR SHALL INDEPENDENTLY VERIFY/RE-ESTABLISH ANY AND ALL SURVEY MONUMENTS THAT MAY BE DESTROYED OR DISTURBED BY THE CONSTRUCTION). THE WORK SHALL BE DONE IN ACCORDANCE WITH THE OFFICE OF THE COUNTY SUPERVISOR'S COMMON RECORDS AND RECORDS OF SURVEY. REFER TO LOCAL DISTRICT/AREA AND UPRON RECORDS/MENTIONS/SHADES & MONUMENTS.
 - AREAS OF FULL DEPTH REPLACEMENT LESS THAN 2' WIDE WAY W/UTILE FULL DEPTH WMA.
 - THE REMOVAL OF HMA INCLUDES ASPHALT AND BASE SECTION.
 - THE CONTRACTOR SHALL DETERMINE THE LIMITS AND LAYOUT OF WORK PRIOR TO THE DEMOLITION. THE LIMITS AND LAYOUT OF THE WORK SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. BY OTHER SHEET DRAWINGS OR FIELD MARK OUTS.
- LEGEND**
- RIGHT OF WAY LINE
 - SMOOTH LINE
 - DASHED LINE
 - EXPAND FENCE LINE
 - HMA PREPAREMENT
 - HMA FINISH
 - POC FINISH
 - WMA AND OVERLAY
 - LANDSCAPE PER LANDSCAPE PLANS

- CONSTRUCTION NOTES**
- PROTECT IN PLACE
 - SMOOTH PER DETAIL A ON SHEET 01
 - REMOVE AND DISPOSE
 - CONTRACT HMA DKE TYPE A PER CAL TRANS STD PLAN A/B/T
 - CONTRACT 6.7" HMA OVER 3/4" CLASS 2 AGGREGATE BASE
- STORM DRAIN CONSTRUCTION NOTES**
- PROTECT IN PLACE
 - REMOVE EXISTING PER IN CONTACT WITH PROPOSED IMPROVEMENTS
 - CONTRACT 8" MANHOLE RINGS WITH 12" RINGS 5' TO 10' DEEP IN 12"
 - CONTRACT 18" CONCRETE PER COLLAR PER DETAIL A ON SHEET 13
 - REMOVE AND DISPOSE
 - REMOVE AND INSTALL 18" RINGS PER DETAIL A ON SHEET 13
 - REMOVE EXISTING PER IN CONTACT WITH PROPOSED IMPROVEMENTS

Exhibit 1

LINE NO.	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH
C24	13.57	485.2231W	9.00	8.00	80.0000	68.5036			
C25	2.00	588.3856W							
C26	3.14	544.3856W	2.00	2.00	80.0000				
L11	6.08	500.2135E							
C27	10.07	561.4945E	2.00	1.88	86.2740				
C28	12.73	515.3535E	30.00	9.40	22.4400				
C29	4.06	461.4373E	2.00	2.21	114.1044				
L12	3.48	402.2231W							
C30	2.48	420.2231W							
REMARKS									

LINE NO.	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH
L81	22.17	469.2231W							
C81	43.88	442.2231W	28.00	28.00	86.5137				
L82	34.66	388.3856W							
C83	1.80	387.3856W	5.00	2.05	44.3805				
L84	2.97	345.0000W							
REMARKS									

LINE NO.	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH
C84	27.00	414.1533W	60.00	11.70	25.4539				
C85	12.88	418.3856W	5.00	17.78	143.4327				
L85	31.28	308.2759W							
REMARKS									

LINE NO.	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH
C86	1.57	485.2231W							
L86	8.42	588.3727W							
C87	2.50	418.0631W	1.00	2.98	143.0212				
C88	9.73	388.3727E	30.00	4.86	27.5247				
C89	1.73	485.1098E	1.00	1.72	99.0500				
L89	3.58	402.2231W							
REMARKS									

LINE NO.	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH	LENGTH
C90	1.57	485.2231W							
L91	8.42	588.3727W							
C92	2.50	418.0631W	1.00	2.98	143.0212				
C93	9.73	388.3727E	30.00	4.86	27.5247				
C94	1.73	485.1098E	1.00	1.72	99.0500				
L95	3.58	402.2231W							
REMARKS									

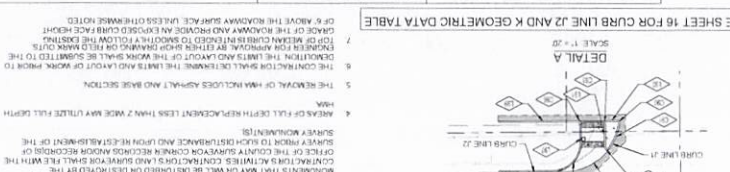
NOT FOR CONSTRUCTION

CITY OF IMPERIAL
BENCHMARK: BENCHMARK DESCRIPTION
420 South Imperial Avenue
Imperial, CA 92251
PH: (760) 355-4371 FAX: (760) 355-4718

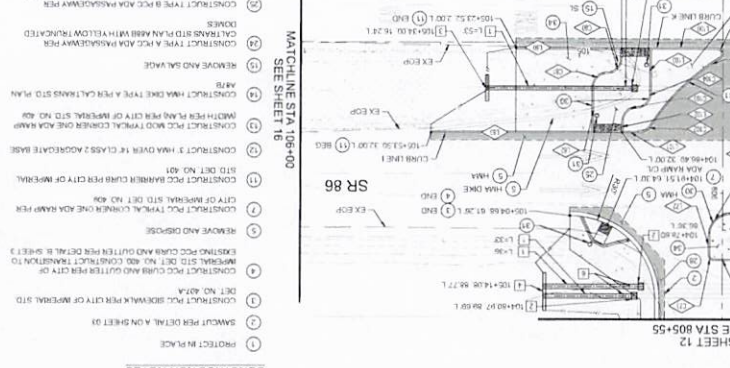
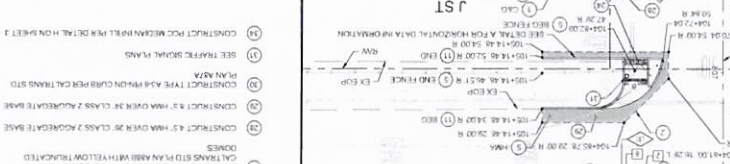
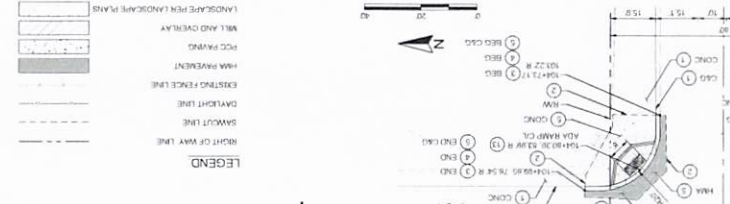
APPROVED BY: DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA

PREPARED UNDER THE DIRECT SUPERVISION OF

SCALE: N/A
DRAWN BY: BS
REVIEWED BY: BS
DATE: APRIL 2024
SHEET NO.: 15
TOTAL SHEETS: OF 49 SHEETS



STORM DRAIN CONSTRUCTION NOTES
1. VERIFY THE EXISTENCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES WITH THE PROJECT DESIGNER BEFORE BEGINNING CONSTRUCTION.
2. CONSTRUCT DOUBLE CHANNEL PER HEAVY DUTY PLAN DR88 H=3'-2"
3. CONSTRUCT DOUBLE CHANNEL PER HEAVY DUTY PLAN DR88 H=3'-2"
4. CONSTRUCT DOUBLE CHANNEL PER HEAVY DUTY PLAN DR88 H=3'-2"
5. CONSTRUCT DOUBLE CHANNEL PER HEAVY DUTY PLAN DR88 H=3'-2"
6. CONSTRUCT DOUBLE CHANNEL PER HEAVY DUTY PLAN DR88 H=3'-2"
7. CONSTRUCT DOUBLE CHANNEL PER HEAVY DUTY PLAN DR88 H=3'-2"
8. CONSTRUCT DOUBLE CHANNEL PER HEAVY DUTY PLAN DR88 H=3'-2"
9. CONSTRUCT DOUBLE CHANNEL PER HEAVY DUTY PLAN DR88 H=3'-2"
10. CONSTRUCT DOUBLE CHANNEL PER HEAVY DUTY PLAN DR88 H=3'-2"

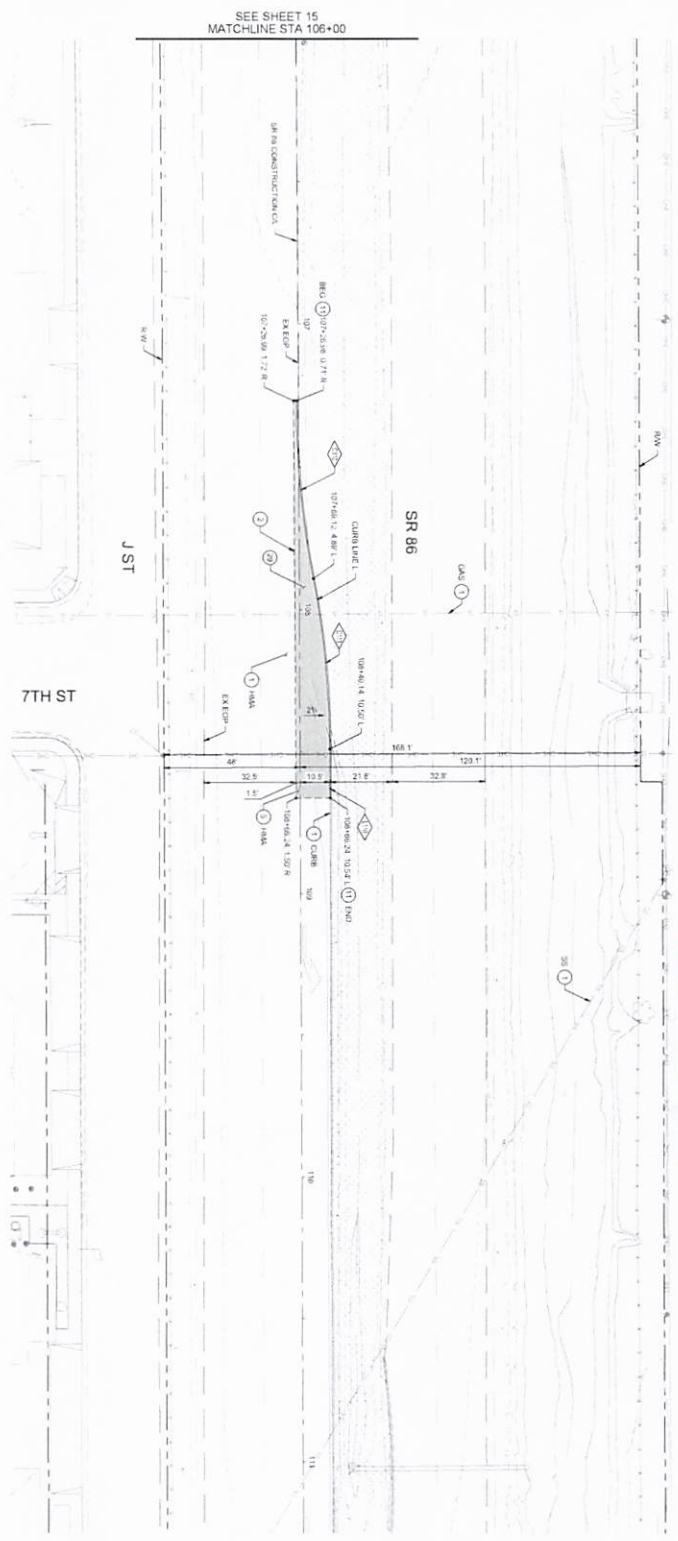


CONSTRUCTION NOTES
1. PROTECT IN PLACE
2. SMOOTH PER DETAIL A ON SHEET 31
3. CONSTRUCT PCC CURB AND GUTTER PER CITY OF IMPERIAL STD. DET. NO. 403A
4. CONSTRUCT PCC CURB AND GUTTER PER DETAIL B SHEET 3
5. CONSTRUCT PCC CURB AND GUTTER PER DETAIL B SHEET 3
6. CONSTRUCT PCC CURB AND GUTTER PER DETAIL B SHEET 3
7. CONSTRUCT PCC CURB AND GUTTER PER DETAIL B SHEET 3
8. CONSTRUCT PCC CURB AND GUTTER PER DETAIL B SHEET 3
9. CONSTRUCT PCC CURB AND GUTTER PER DETAIL B SHEET 3
10. CONSTRUCT PCC CURB AND GUTTER PER DETAIL B SHEET 3

Exhibit 1



Exhibit 1



SEE SHEET 15
MATCHLINE STA 106+00

- ### CONSTRUCTION NOTES
1. PROJECT IN PLACE
 2. SHALLOT PER DETAIL A ON SHEET 01
 3. REMOVE AND REPOSE
 4. CONTRACTOR SHALL REMOVE CURB LINE PER CITY OF IMPERIAL, STD DET. NO. 021
 5. CONTRACTOR SHALL REMOVE CURB LINE PER CITY OF IMPERIAL, STD DET. NO. 021
 6. CONTRACTOR SHALL REMOVE CURB LINE PER CITY OF IMPERIAL, STD DET. NO. 021

- ### GENERAL NOTES
1. SEE TITLE SHEET FOR IMPROVEMENT NOTES AND DEMOLITION NOTES.
 2. VERIFY THE EXISTENCE AND CHARACTERISTICS OF ALL UTILITIES BEFORE THE PROJECT AREA THAT MAY COME IN CONTACT WITH THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
 3. TO THE EXTENT POSSIBLE, CONSTRUCTION SHALL PROTECT IN PLACE ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL UTILITIES AND STRUCTURES THAT MAY BE DAMAGED OR DESTROYED BY THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL UTILITIES AND STRUCTURES THAT MAY BE DAMAGED OR DESTROYED BY THE CONSTRUCTION.
 4. REMOVAL OF ALL EXISTING IMPROVEMENTS SHALL BE DONE IN ACCORDANCE WITH THE CITY OF IMPERIAL, STD DET. NO. 021.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL UTILITIES AND STRUCTURES THAT MAY BE DAMAGED OR DESTROYED BY THE CONSTRUCTION.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL UTILITIES AND STRUCTURES THAT MAY BE DAMAGED OR DESTROYED BY THE CONSTRUCTION.

CURB LINE K GEOMETRIC DATA

LENGTH	LENGTH/DIRECTION	R	T	DELTA	REMARKS
15.01	N02°22'21"W	107	7.2	148.1242	TYPE A&B FRESH CURB C&A TRAVEL STRIP PLAN A&B
15.01	N02°22'21"W	107	7.2	148.1242	TYPE A&B FRESH CURB C&A TRAVEL STRIP PLAN A&B
15.01	N02°22'21"W	107	7.2	148.1242	TYPE A&B FRESH CURB C&A TRAVEL STRIP PLAN A&B
15.01	N02°22'21"W	107	7.2	148.1242	TYPE A&B FRESH CURB C&A TRAVEL STRIP PLAN A&B
15.01	N02°22'21"W	107	7.2	148.1242	TYPE A&B FRESH CURB C&A TRAVEL STRIP PLAN A&B
15.01	N02°22'21"W	107	7.2	148.1242	TYPE A&B FRESH CURB C&A TRAVEL STRIP PLAN A&B
15.01	N02°22'21"W	107	7.2	148.1242	TYPE A&B FRESH CURB C&A TRAVEL STRIP PLAN A&B
15.01	N02°22'21"W	107	7.2	148.1242	TYPE A&B FRESH CURB C&A TRAVEL STRIP PLAN A&B
15.01	N02°22'21"W	107	7.2	148.1242	TYPE A&B FRESH CURB C&A TRAVEL STRIP PLAN A&B
15.01	N02°22'21"W	107	7.2	148.1242	TYPE A&B FRESH CURB C&A TRAVEL STRIP PLAN A&B

CURB LINE J2 GEOMETRIC DATA

LENGTH	LENGTH/DIRECTION	R	T	DELTA	REMARKS
15.01	N02°22'21"W	103	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	103	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	103	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	103	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	103	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	103	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	103	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	103	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	103	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	103	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021

CURB LINE L GEOMETRIC DATA

LENGTH	LENGTH/DIRECTION	R	T	DELTA	REMARKS
15.01	N02°22'21"W	102	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	102	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	102	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	102	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	102	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	102	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	102	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	102	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	102	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021
15.01	N02°22'21"W	102	0.00	90.0000	CITY OF IMPERIAL, STD DET. NO. 021

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA

DATE: _____

PROJECT TITLE: CITY OF IMPERIAL
ASCARBIA PHASE I IMPROVEMENTS

PROJECT COUNTY: IMPERIAL COUNTY

SCALE: 1/4" = 1'-0"

SHEET: 16 OF 49 SHEETS

DATE: APRIL 2024

NOT FOR CONSTRUCTION

APPROVED BY: _____

DATE: _____

PROJECT COUNTY: IMPERIAL COUNTY

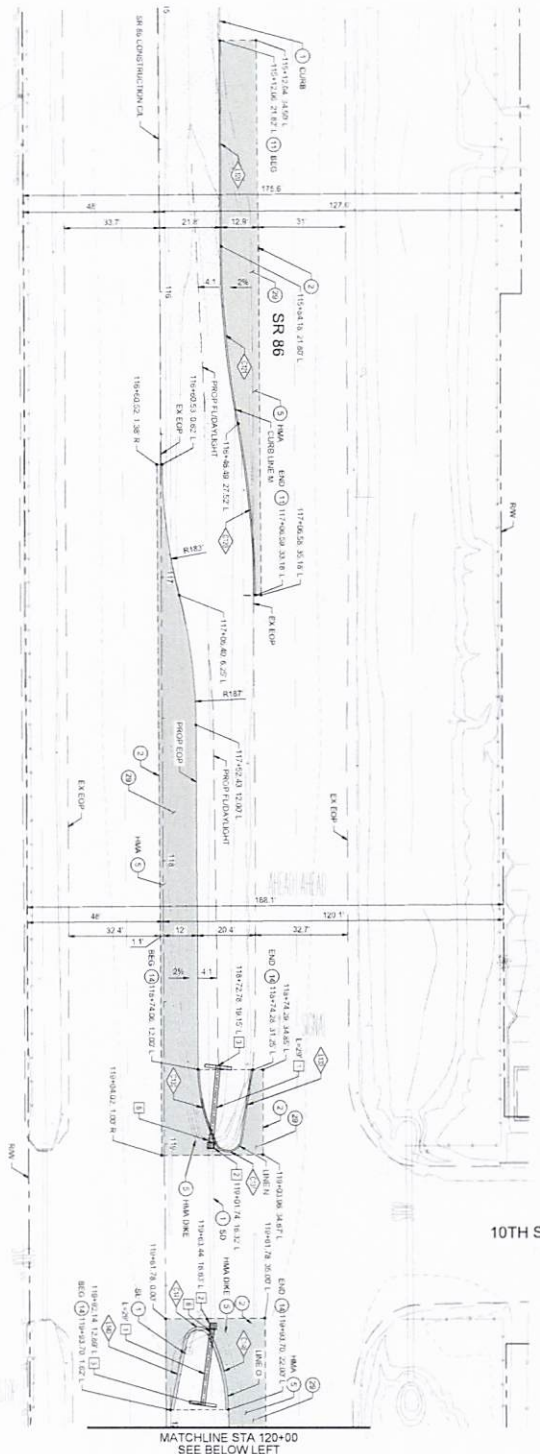
SCALE: 1/4" = 1'-0"

SHEET: 16 OF 49 SHEETS

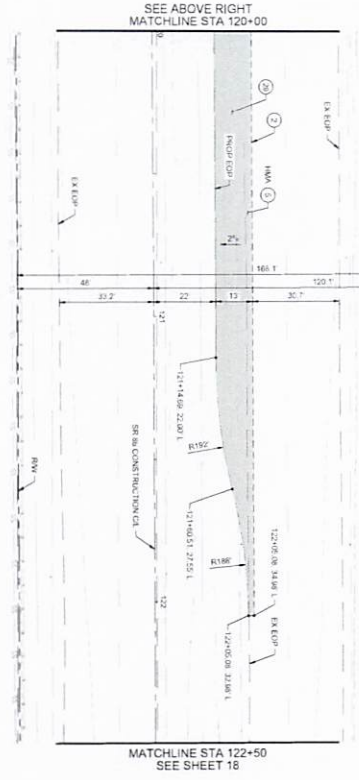
DATE: APRIL 2024

City of Imperial
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718

Exhibit 1



10TH ST



CURB LINE M GEOMETRIC DATA

LENGTH	LINE/CORNER DIRECTION	R	T	DELTA	REMARKS
0.00	000 423.2 E	338.00	33.30	92.144	CITY OF AMBERSON, STA 120+00
0.17	000 371.9 E	342.00	31.42	92.987	CITY OF AMBERSON, STA 120+00
1.00	000 272.0 E	350.00	27.20	93.767	CITY OF AMBERSON, STA 120+00

LINE N GEOMETRIC DATA

LENGTH	LINE/CORNER DIRECTION	R	T	DELTA	REMARKS
0.10	000 423.2 E	338.00	33.30	92.144	CITY OF AMBERSON, STA 120+00
0.17	000 371.9 E	342.00	31.42	92.987	CITY OF AMBERSON, STA 120+00
1.00	000 272.0 E	350.00	27.20	93.767	CITY OF AMBERSON, STA 120+00

LINE O GEOMETRIC DATA

LENGTH	LINE/CORNER DIRECTION	R	T	DELTA	REMARKS
0.10	000 423.2 E	338.00	33.30	92.144	CITY OF AMBERSON, STA 120+00
0.17	000 371.9 E	342.00	31.42	92.987	CITY OF AMBERSON, STA 120+00
1.00	000 272.0 E	350.00	27.20	93.767	CITY OF AMBERSON, STA 120+00



APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA



SCALE: 1/4" = 1'-0"
DRAWN BY: BS
REVIEWED BY: SO
DATE: 04/01/2024

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK:
ELEVATION:
DESCRIPTION:

NOT FOR CONSTRUCTION

PREFERRED UNDER THE DIRECT SUPERVISION OF
DATE: 04/01/2024

PROJECT TITLE:
ASPHALT PAVEMENT IMPROVEMENTS
SR 86 AT 10TH STREET

SHEET: 17
OF 49 SHEETS

DATE: 04/01/2024

GENERAL NOTES:

- SEE TITLE SHEET FOR IMPROVEMENT NOTES AND DEMOLITION NOTES.
- VERIFY THE EXISTENCE AND HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES. CONSTRUCTION SHOULD PROCEED ONLY AFTER THE LOCATION OF ALL UTILITIES HAS BEEN VERIFIED.
- TO THE EXTENT POSSIBLE, CONSTRUCTION SHALL PROTECT IN PLACE ALL EXISTING UTILITIES. IF PROTECTION IS NOT FEASIBLE, UTILITIES SHALL BE RELOCATED TO THE SIDE OF THE ROAD OR UNDERGROUND. THE LOCATION OF ALL UTILITIES SHALL BE RECORDED AND SHOWN ON THE CONSTRUCTION RECORD DRAWINGS.
- AREAS OF ALL EXISTING IMPROVEMENTS SHALL BE MAINTAINED OR RECONSTRUCTED TO ORIGINAL CONDITION.
- THE REMOVAL OF HMA INCLUDES ASPHALT AND AGGREGATE SECTION.
- THE CONSTRUCTION SHALL DETERMINE THE LIMIT AND LAYOUT OF WORK. RISES TO EXISTING UTILITIES SHALL BE MAINTAINED OR RECONSTRUCTED TO ORIGINAL CONDITION.

CONSTRUCTION NOTES:

- PROTECT IN PLACE.
- REMOVE EXISTING UTILITIES.
- REMOVE EXISTING UTILITIES.
- CONSTRUCT STORM DRAIN WITH 18" DIA. MANHOLE AT STA 120+00.
- CONSTRUCT STORM DRAIN WITH 18" DIA. MANHOLE AT STA 120+00.
- CONSTRUCT STORM DRAIN WITH 18" DIA. MANHOLE AT STA 120+00.
- CONSTRUCT STORM DRAIN WITH 18" DIA. MANHOLE AT STA 120+00.

STORM DRAIN CONSTRUCTION NOTES:

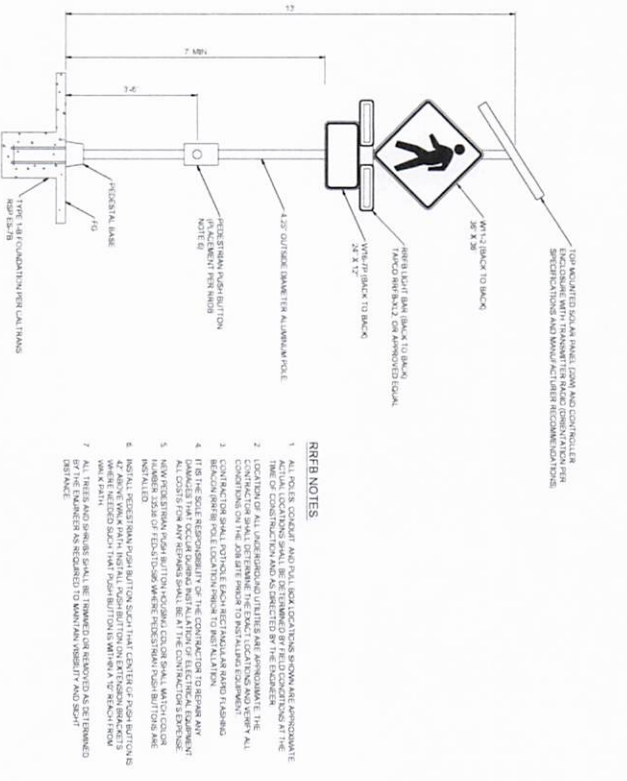
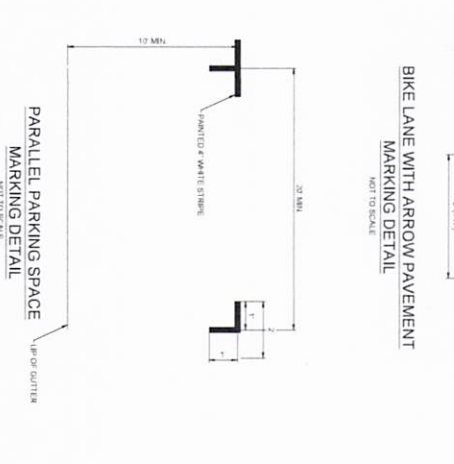
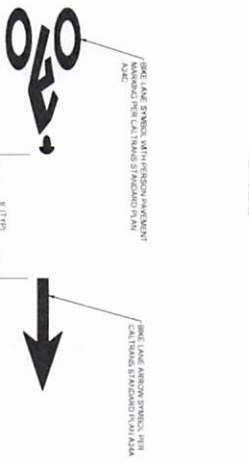
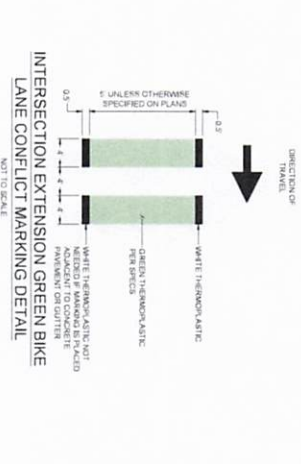
- INSTALL 18" DIA. MANHOLE AT STA 120+00.
- CONSTRUCT STORM DRAIN WITH 18" DIA. MANHOLE AT STA 120+00.
- CONSTRUCT STORM DRAIN WITH 18" DIA. MANHOLE AT STA 120+00.
- CONSTRUCT STORM DRAIN WITH 18" DIA. MANHOLE AT STA 120+00.

LEGEND:

- RIGHT OF WAY LINE
- EXISTING FENCE LINE
- HMA PAVEMENT
- WET AND OVERLAY
- LANDSCAPE PLAN

SIGNING AND MARKING GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL SIGNS AND STRIPING.
2. ALL SIGNS AND STRIPING SHALL BE IN ACCORDANCE WITH THE CALIFORNIA TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS AND THE CALIFORNIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
3. ALL SIGNS AND STRIPING SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.
4. ALL SIGNS AND STRIPING SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.
5. ALL SIGNS AND STRIPING SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.
6. ALL SIGNS AND STRIPING SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.
7. ALL SIGNS AND STRIPING SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.
8. ALL SIGNS AND STRIPING SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.
9. ALL SIGNS AND STRIPING SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.
10. ALL SIGNS AND STRIPING SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.
11. ALL SIGNS SHALL BE STANDARD SIZE.
12. SIGN POSTS SHALL BE SQUARE PER CALTRANS STANDARD PLAN ASP 4200.
13. SIGN POSTS SHALL BE SQUARE PER CALTRANS STANDARD PLAN ASP 4200.
14. SIGN POSTS SHALL BE SQUARE PER CALTRANS STANDARD PLAN ASP 4200.
15. ALL SIGNS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.
16. ALL SIGNS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.
17. ALL SIGNS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.
18. ALL SIGNS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.
19. ALL SIGNS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.
20. ALL SIGNS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE.

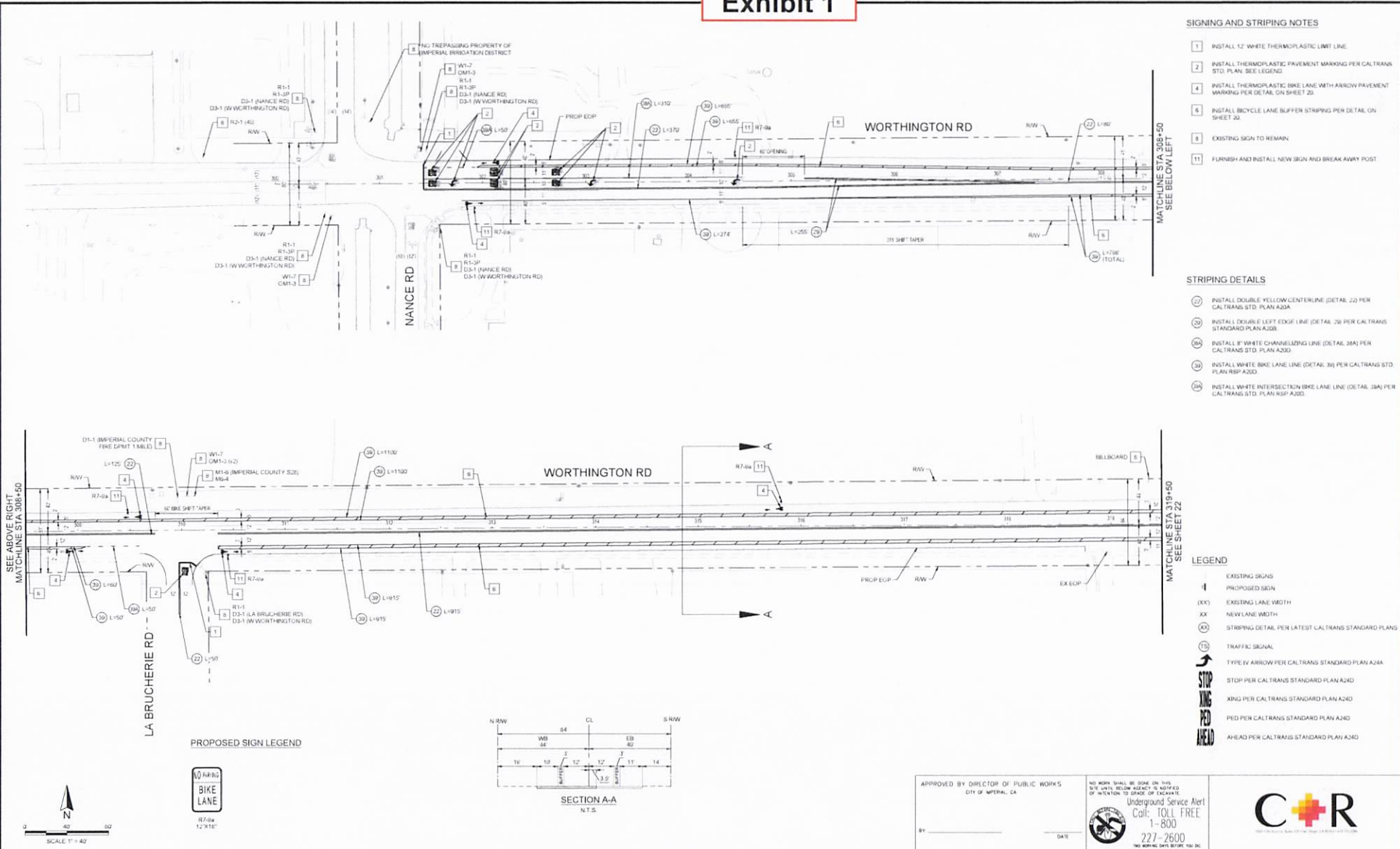


RFB NOTES

1. ALL RFB'S CORNER AND TAIL SOLAR LOCATIONS SHOULD BE APPROXIMATELY 10 FEET FROM THE CURB.
2. THE LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE TO THE LOCATION OF THE CURB AS SHOWN IN THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
3. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION.
4. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION.
5. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION.
6. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION.
7. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION.

NO. 1	REVISIONS	APPROVED	DATE
<p>UNAUTHORIZED CHANGES & USES: The Engineer, displaying their plans, and not be responsible for, or not be approved of, any changes or modifications made to these plans without the Engineer's written consent.</p>			
<p>CITY OF IMPERIAL 420 South Imperial Avenue Imperial, CA 92251 Ph: (760) 355-4371 FAX: (760) 355-4718</p>		<p>BENCHMARK ENGINEERING & ARCHITECTURE 32400 LINDEN AVE SANTA ANA, CA 92705 TEL: (714) 261-1111 WWW.BENCHMARK-CA.COM</p>	<p>NOT FOR CONSTRUCTION</p>
<p>APPROVED BY: DIRECTOR OF PUBLIC WORKS CITY OF IMPERIAL, CA</p>		<p>DATE: _____</p>	<p>SCALE: 1/4"</p> <p>DRAWN BY: BS</p> <p>CHECKED BY: RD</p> <p>DATE: APRIL 2024</p>
<p>PROJECT TITLE: ASACARBA PHASE 1 IMPROVEMENTS</p> <p>SHEET CONTENT: SIGNAGE AND STRIPING NOTES AND DETAILS</p>		<p>CITY OF IMPERIAL 221-2600</p>	<p>SHEET 20 OF 49 SHEETS SHEET NO. 20 OF 49 SHEETS</p>

Exhibit 1



- SIGNING AND STRIPING NOTES**
- 1 INSTALL 12" WHITE THERMOPLASTIC LIMIT LINE.
 - 2 INSTALL THERMOPLASTIC PAVEMENT MARKING PER CALTRANS STD. PLAN. SEE LEGEND.
 - 4 INSTALL THERMOPLASTIC BIKE LANE WITH ARROW PAVEMENT MARKING PER DETAIL ON SHEET 20.
 - 6 INSTALL BICYCLE LANE BUFFER STRIPING PER DETAIL ON SHEET 20.
 - 8 EXISTING SIGN TO REMAIN.
 - 11 FURNISH AND INSTALL NEW SIGN AND BREAK AWAY POST.

- STRIPING DETAILS**
- 22 INSTALL DOUBLE YELLOW CENTERLINE (DETAIL 22) PER CALTRANS STD. PLAN A22A.
 - 26 INSTALL DOUBLE LEFT EDGE LINE (DETAIL 26) PER CALTRANS STANDARD PLAN A26B.
 - 38A INSTALL 8" WHITE CHANNELLING LINE (DETAIL 38A) PER CALTRANS STD. PLAN A26B.
 - 39 INSTALL WHITE BIKE LANE LINE (DETAIL 39) PER CALTRANS STD. PLAN RSP A20G.
 - 38B INSTALL WHITE INTERSECTION BIKE LANE LINE (DETAIL 38B) PER CALTRANS STD. PLAN RSP A20G.

- LEGEND**
- 4 EXISTING SIGNS
 - PROPOSED SIGN
 - (XX) EXISTING LANE WIDTH
 - XX NEW LANE WIDTH
 - (XX) STRIPING DETAIL PER LATEST CALTRANS STANDARD PLANS
 - (TS) TRAFFIC SIGNAL
 - TYPE IV ARROW PER CALTRANS STANDARD PLAN A24A
 - STOP PER CALTRANS STANDARD PLAN A24D
 - XING PER CALTRANS STANDARD PLAN A24D
 - PER PER CALTRANS STANDARD PLAN A24D
 - AHEAD PER CALTRANS STANDARD PLAN A24D

NO.	REVISIONS	APPROVED	DATE

CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
 BENCHMARK ELEVATION =
 BENCHMARK DESCRIPTION =



PREPARED UNDER THE DIRECT SUPERVISION OF
 BLANCA H. SOTO
 P.C.E. NO.
 04/18/2024
 DATE

PROJECT TITLE: CITY OF IMPERIAL
 AHSC-ARPA PHASE 1 IMPROVEMENTS

SHEET CONTENT:
 SIGNAGE AND STRIPING PLANS

SCALE: N/A	SHEET
DRAWN BY: BS	21
REVIEWED BY: RD	OF 49 SHEETS
DATE: APRIL 2024	JOB NO. 22-000-003

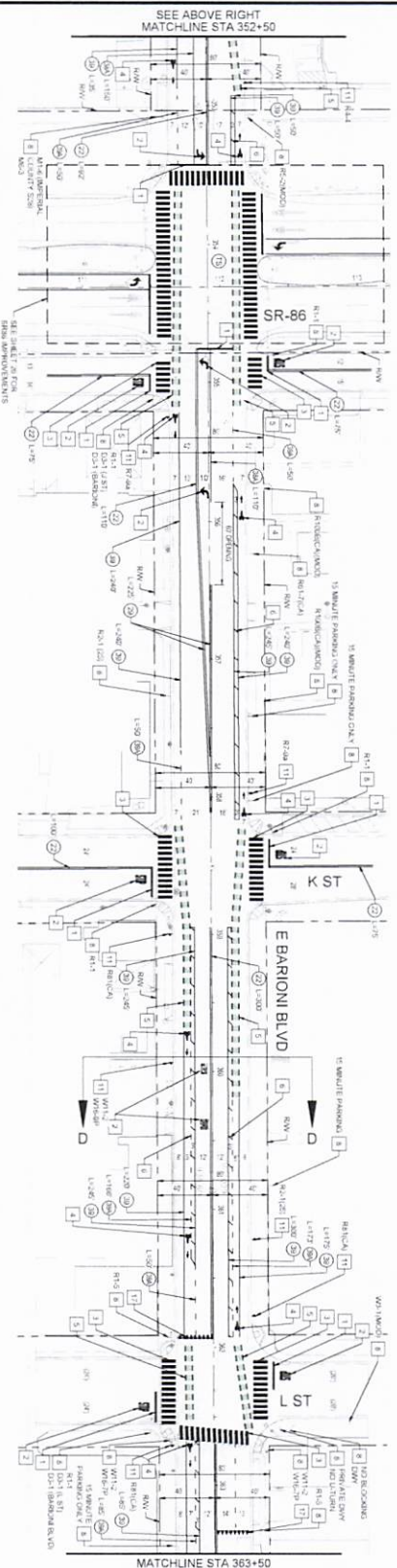
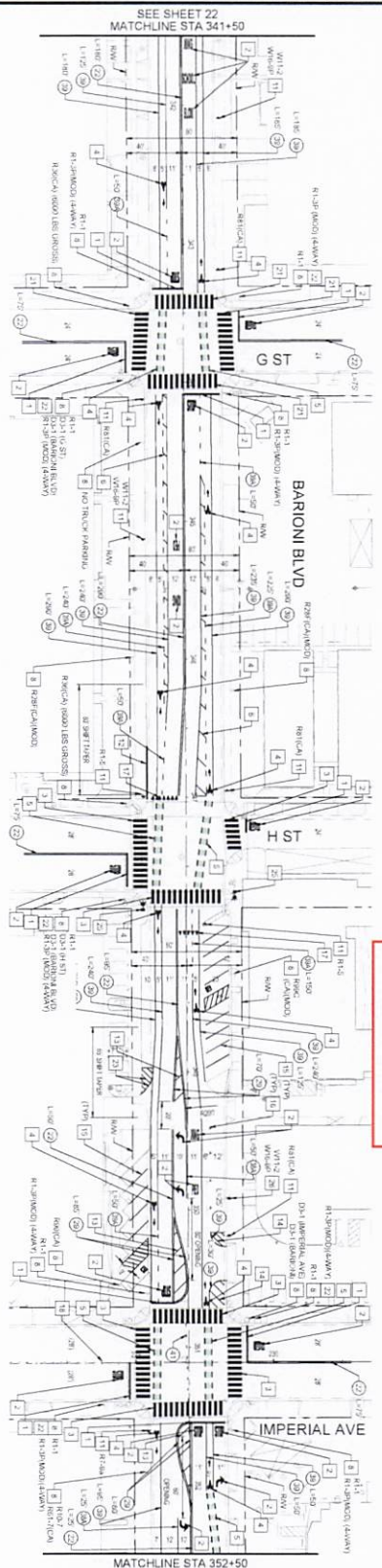
APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.

Underground Service Alert
 Call: TOLL FREE
 1-800-277-2600
 900 NORTH ZEEB ROAD, SUITE 200, YUBA, CA 95993

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

Exhibit 1



SIGNING AND STRIPING NOTES

- 1 INSTALL 12" WHITE THERMOPLASTIC LINE LINE
- 2 INSTALL THERMOPLASTIC PARKING MARKING PER CALTRANS STD. PLAN 404A
- 3 INSTALL 2" X 4" WHITE THERMOPLASTIC CENTERLINE CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 4 INSTALL THERMOPLASTIC BARRIERS WITH ARROW PANELS MARKED FOR PER DETAIL ON SHEET 20
- 5 INSTALL CORNER MARKING PER DETAIL ON SHEET 20
- 6 INSTALL RECTANGLE WHITE STRIPING PER DETAIL ON SHEET 20
- 7 EXISTING SIGN TO REMAIN
- 8 FURNISH AND INSTALL NEW SIGN AND BREAK AWAY POST
- 9 FURNISH AND INSTALL NEW SIGN AND BREAK AWAY POST
- 10 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 11 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 12 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 13 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 14 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 15 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 16 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 17 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 18 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 19 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 20 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 21 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 22 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 23 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 24 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 25 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 26 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 27 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A
- 28 FURNISH AND INSTALL WHITE THERMOPLASTIC CROSSWALK AT 5' INTERSECTION CENTER TO CENTER PER CALTRANS STANDARD PLAN 404A

- ### LEGEND
- 1 EXISTING SIGN
 - 2 PROPOSED SIGN
 - 3 EXISTING LINE WIDTH
 - 4 NEW LINE WIDTH
 - 5 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 6 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 7 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 8 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 9 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 10 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 11 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 12 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 13 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 14 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 15 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 16 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 17 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 18 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 19 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 20 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 21 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 22 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 23 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 24 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 25 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 26 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 27 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A
 - 28 STRIPING DETAIL PER CALTRANS STANDARD PLAN 404A



NO. 1 REVISIONS: _____

APPROVED: _____ DATE: _____

SCALE: 1" = 40'

SEE ABOVE RIGHT MATCHLINE STA 352+50

MATCHLINE STA 363+50
SEE SHEET 24

MATCHLINE STA 341+50
SEE ABOVE RIGHT

MATCHLINE STA 352+50
SEE BELOW LEFT

CITY OF IMPERIAL

420 South Imperial Avenue
Imperial, CA 92251
Ph. (760) 355-4371 Fax. (760) 355-4718

BENCHMARK

ENGINEERING SOLUTIONS
DESIGN-BUILD DIVISION

NOT FOR CONSTRUCTION

PREPARED UNDER THE DIRECT SUPERVISION OF:

DATE: _____

APPROVED BY DIRECTOR OF PUBLIC WORKS:

CITY OF IMPERIAL, CA

CITY OF IMPERIAL

727-2600

727-2600

CPR

CITY OF IMPERIAL

PROJECT TITLE: CITY OF IMPERIAL
MISCARINA PHASE 1 IMPROVEMENTS

SHEET CONTENT: SIGNAGE AND STRIPING PLANS

SCALE: 1/4" = 1'-0"

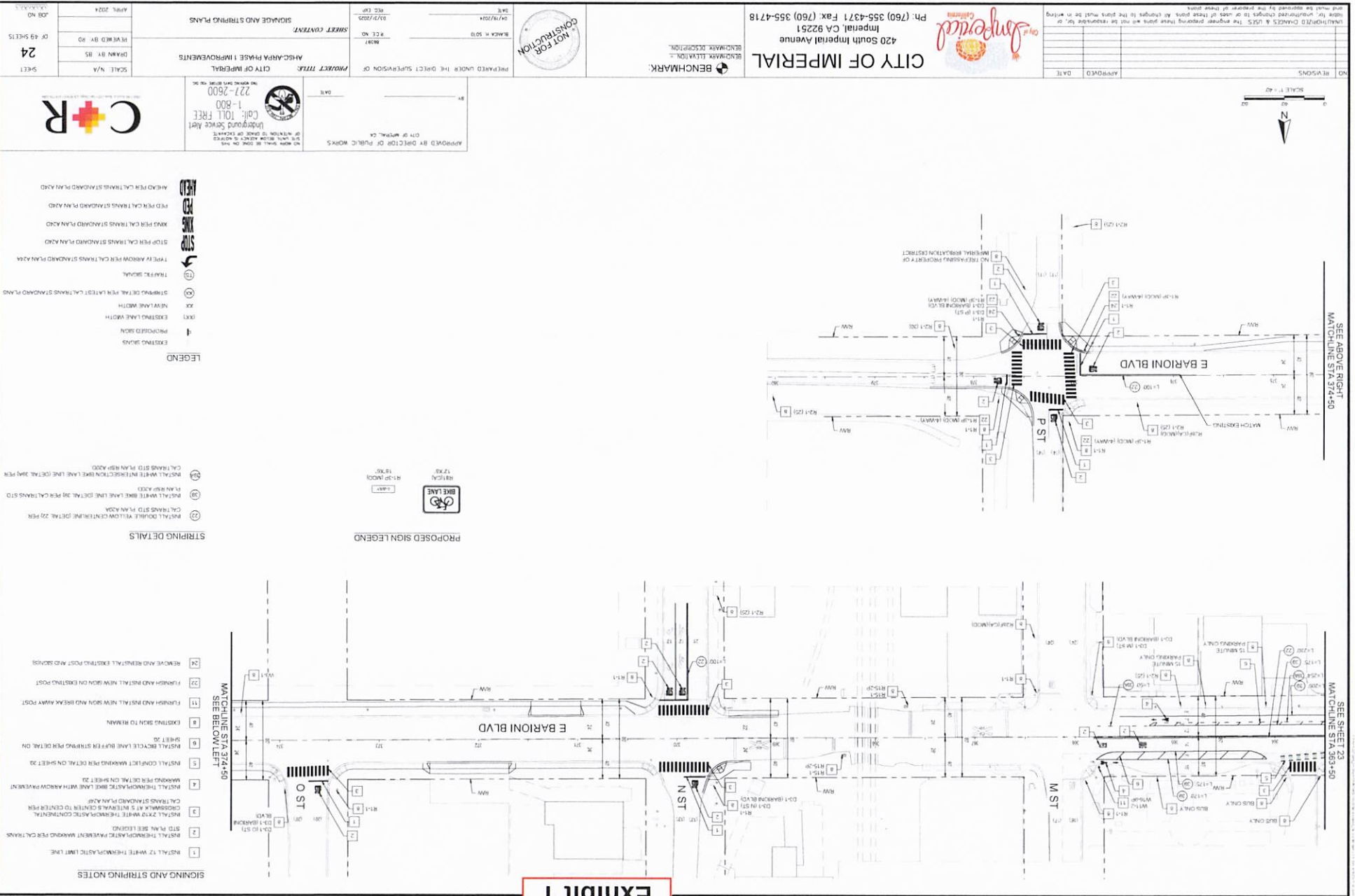
DRAWN BY: BS

REVIEWED BY: RG

DATE: APRIL 2024

SHEET NO. 23 OF 49 SHEETS

Exhibit 1



- SIGNING AND STRIPING NOTES**
- 1 INSTALL 12" WHITE THERMOPLASTIC LIMIT LINE
 - 2 STD. 14" x 24" SIGN
 - 3 INSTALL 2' x 10" WHITE THERMOPLASTIC CENTERLINE MARKING PER CALTRANS
 - 4 COMPLETE 15' x 15' SIGN CENTER TO CENTER PER CALTRANS STANDARD PLAN A-47
 - 5 INSTALL THERMOPLASTIC MARKING PER DETAIL ON SHEET 20
 - 6 MARKING PER DETAIL ON SHEET 20
 - 7 INSTALL THERMOPLASTIC MARKING PER DETAIL ON SHEET 20
 - 8 EXISTING SIGN TO REMAIN
 - 9 FINISH AND INSTALL NEW SIGN ON EXISTING POST
 - 10 FINISH AND INSTALL NEW SIGN AND BREAK AWAY POST
 - 11 REMOVE AND REINSTALL EXISTING POST AND SIGN
 - 12 REMOVE AND REINSTALL EXISTING POST AND SIGN

- STRIPING DETAILS**
- 13 CALTRANS STD. FOLLOW CENTRAL LINE DETAIL 20 PER PLAN A-40A
 - 14 INSTALL WHITE BIKE LANE DETAIL 20 PER CALTRANS STD. PER PLAN A-40C
 - 15 INSTALL WHITE INTERSECTION BIKE LANE DETAIL 20 PER PLAN A-40D
 - 16 CALTRANS STD. PLAN A-40A

- LEGEND**
- EXISTING SIGN
 - PROPOSED SIGN
 - EXISTING LANE WIDTH
 - PROPOSED LANE WIDTH
 - STRIPIING DETAIL PER LATEST CALTRANS STANDARD PLAN A-47
 - TRANSIT SIGNAGE
 - TYPE IV ARROW PER CALTRANS STANDARD PLAN A-24
 - STOP PER CALTRANS STANDARD PLAN A-20
 - XING PER CALTRANS STANDARD PLAN A-20
 - WXS PER CALTRANS STANDARD PLAN A-20
 - RED PER CALTRANS STANDARD PLAN A-20
 - AHEAD PER CALTRANS STANDARD PLAN A-20

CITY OF IMPERIAL
 PROJECT TITLE: AHS-CALPHA PHASE 1 IMPROVEMENTS
 DRAWN BY: BS
 SCALE: N/A
 SHEET: 24
 OF 49 SHEETS

CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

APPROVED: _____ DATE: _____
 REVISIONS: _____

APPROVED BY DIRECTOR OF PUBLIC WORKS: _____ DATE: _____
 CITY OF IMPERIAL, CA
 NO WORK SHALL BE DONE ON THIS PROJECT WITHOUT THE SIGNATURE OF DIRECTOR OF PUBLIC WORKS AND THE CITY ENGINEER AND THE STATE ENGINEER.

UNDERGROUND SERVICE AGENCY: Call: 1-800-277-2600

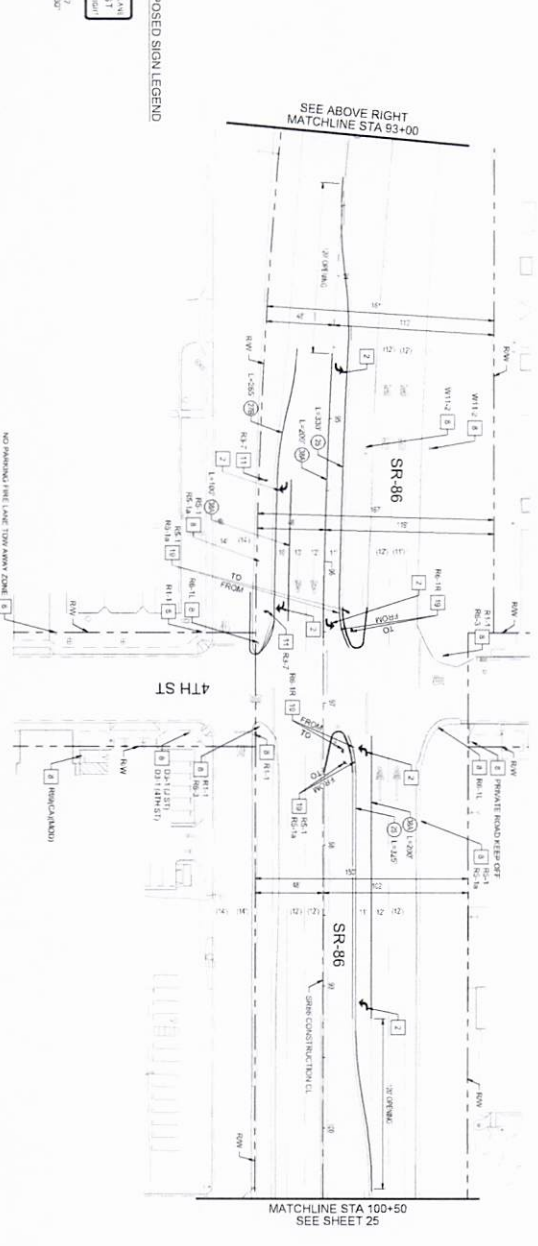
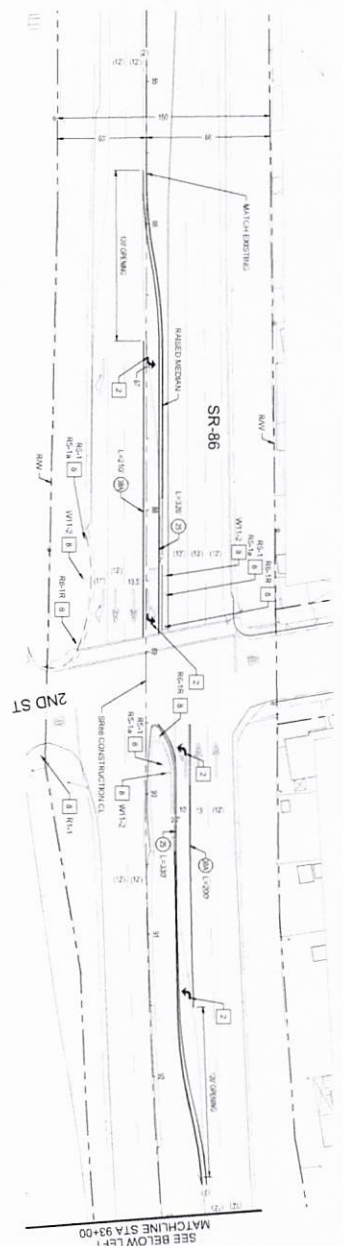
NOT FOR CONSTRUCTION

BENCHMARK: BENCHMARK ELEVATION: _____ BENCHMARK DESCRIPTION: _____

APPROVED: _____ DATE: _____

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for or liable for any unauthorized changes to work or for any errors or omissions in the plans. The contractor shall be responsible for any errors or omissions in the plans and shall be held liable for any such errors or omissions.

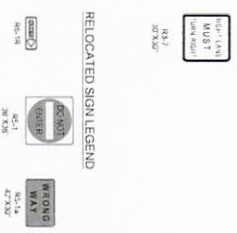
Exhibit 1



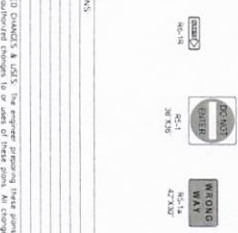
- SIGNING AND STRIPING NOTES**
- 1) INSTALL THRESHOLD ASBESTIC PAVEMENT MARKING FOR CALTRANS STD PLAN SEE LEGEND
 - 2) FURNISH SIGN TO CONTRACTOR
 - 3) FURNISH AND INSTALL SIGN BOARDS AND MESSAGE BOARD POST
 - 4) EXISTING SIGN TO BE RELOCATED

- STRIPING DETAILS**
- 1) INSTALL LEFT SIDE LINE DETAIL FOR CALTRANS STANDARD PLAN AND
 - 2) INSTALL RIGHT SIDE LINE DETAIL FOR CALTRANS STANDARD PLAN AND
 - 3) INSTALL 8' WHITE CONVALESCING LINE DETAIL FOR CALTRANS STANDARD PLAN AND
 - 4) INSTALL 8' WHITE CONVALESCING LINE DETAIL FOR CALTRANS STANDARD PLAN AND

PROPOSED SIGN LEGEND



RELOCATED SIGN LEGEND



NO.	REVISIONS	APPROVED	DATE

CITY OF IMPERIAL

420 South Imperial Avenue
Imperial, CA 92251
Ph. (760) 355-4371 Fax (760) 355-4718

BENCHMARK

BENCHMARK ELEVATION
BENCHMARK DESCRIPTION



APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA

PREPARED UNDER THE DIRECT SUPERVISION OF
CITY OF IMPERIAL, CA

PROJECT TITLE:
ASACABA PHASE I IMPROVEMENTS

SHEET COUNTY: SEVAGE AND STRIPING PLANS

DATE: 04/01/2024

SCALE: 1" = 40'

CITY OF IMPERIAL
Engineering Services Dept.
City of Imperial
777-2600

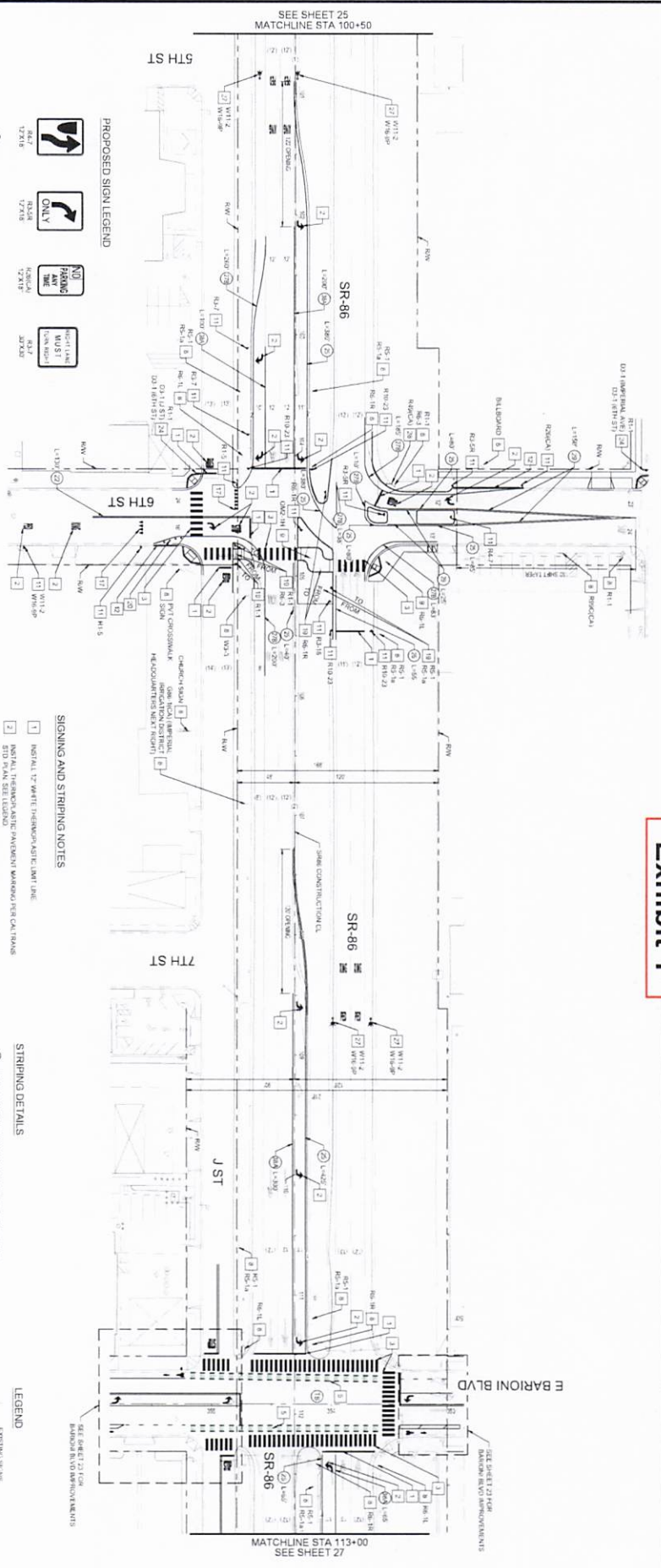
COR

SCALE: N/A
DRAWN BY: BS
CHECKED BY: BD
DATE: APRIL 2024

SHEET 25
OF 49 SHEETS

QUALIFIED ENGINEER & SURVEYOR. The engineer preparing these plans will not be responsible for or accept any liability for any errors or omissions in these plans. Any changes to the plans must be in writing and must be approved by the engineer of record.

Exhibit 1



PROPOSED SIGN LEGEND



RELOCATED SIGN LEGEND



SIGNING AND STRIPING NOTES

- 1 INSTALL 12" WHITE THERMOPLASTIC LIMIT LINE
- 2 INSTALL THERMOPLASTIC PAVEMENT MARKING PER CALTRANS STD PLAN, SEE LEGEND
- 3 INSTALL 24" WIDE THERMOPLASTIC CONTINENTAL CROSSWALK'S INTERLACE CENTER TO CENTER PER CALTRANS STANDARD PLAN AND
- 4 EXISTING SIGN TO REMAIN
- 5 EXISTING SIGN TO BE REMOVED
- 6 FLASHING AND SIGNAL, NEW SIGN AND BREAK AWAY POST
- 7 PAINT CORNER BEE
- 8 INSTALL YIELD LINE PER CALTRANS BEYOND STANDARD PLAN AND
- 9 EXISTING SIGN TO BE RELOCATED
- 10 FLASHING AND SIGNAL, CLASS 111 CORNER POST DELIMITER PER CALTRANS STANDARD PLAN AND
- 11 REMOVE AND REINSTALL EXISTING POST AND SIGNAL
- 12 INSTALL SIGN COMPROMISED TO BE PER SIGNAL PLAN
- 13 FLASHING AND SIGNAL, NEW SIGN AND TYPE EVIDENTIARY SIGNIFIER PER CALTRANS STD PLAN AND
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27
- 28

STRIPING DETAILS

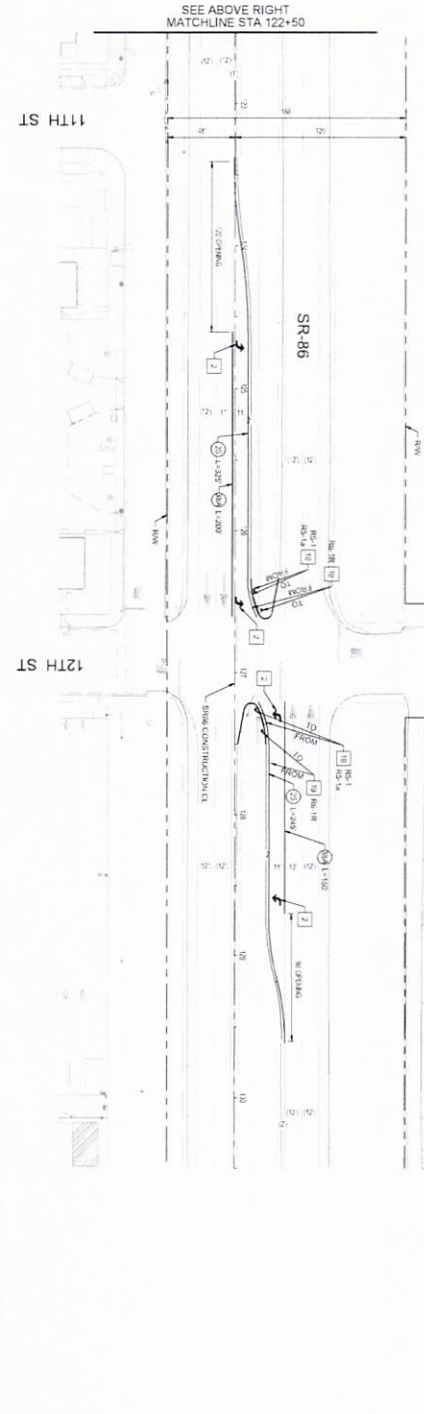
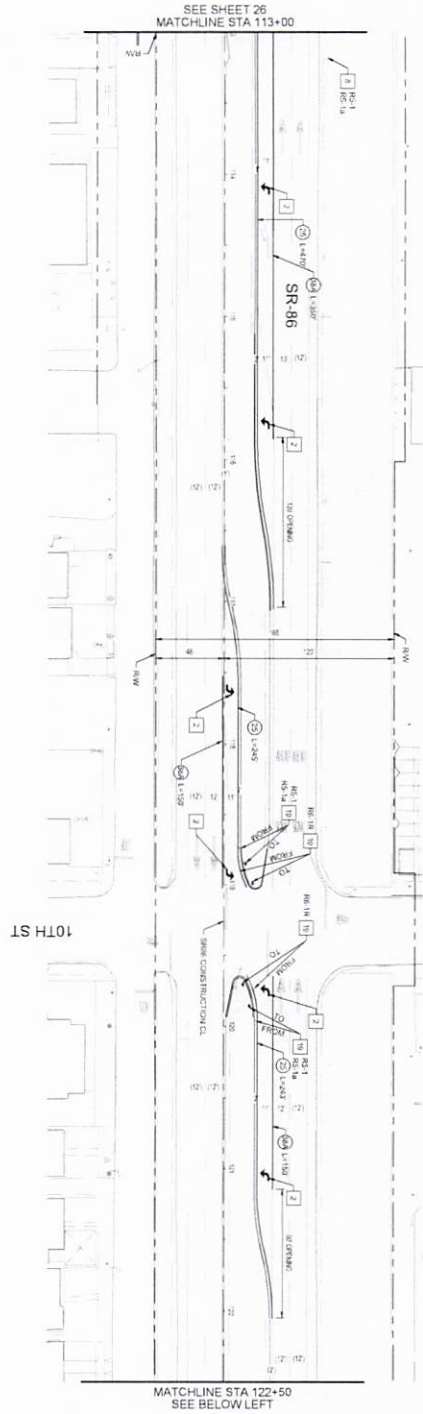
- 22 INSTALL SIGN PER CALTRANS STANDARD PLAN AND
- 23 CAL TRANS STD PLAN AND
- 24 INSTALL LEFT EDGE LINE DETAIL 20 PER CAL TRANS STANDARD PLAN AND
- 25 INSTALL RIGHT EDGE LINE DETAIL 20 PER CAL TRANS STANDARD PLAN AND
- 26 INSTALL DOUBLE LEFT EDGE LINE DETAIL 20 PER CAL TRANS STANDARD PLAN AND
- 27 CAL TRANS STD PLAN AND
- 28 CAL TRANS STD PLAN AND

LEGEND

- 1 EXISTING SIGN
- 2 PROPOSED SIGN
- 3 EXISTING LINE WIDTH
- 4 NEW LINE WIDTH
- 5 STRIPING DETAIL PER LATEST CALTRANS STANDARD PLANS
- 6 TRAFFIC SIGNAL
- 7 TYPE IV ANCHOR PER CAL TRANS STANDARD PLAN AND
- 8 STOP PER CAL TRANS STANDARD PLAN AND
- 9 KING PER CAL TRANS STANDARD PLAN AND
- 10 RED PER CAL TRANS STANDARD PLAN AND
- 11 AND PER CAL TRANS STANDARD PLAN AND

<p>UNAUTHORIZED CHANGES & USES. The engineer preparing these plans will not be responsible for, or liable for, any unauthorized changes to or use of these plans. All changes to the plans must be in writing and approved by the engineer of record.</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>REVISIONS</th> <th>APPROVED</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	REVISIONS	APPROVED	DATE					<p style="text-align: center;"> CITY OF IMPERIAL 420 South Imperial Avenue Imperial, CA 92251 Ph: (760) 355-4371 Fax: (760) 355-4718 </p>	<p>BENCHMARK:</p> <p style="text-align: center;"> BENCHMARK ILLUSTRATION BENCHMARK DESCRIPTION </p>	<p style="text-align: center; border: 1px solid black; border-radius: 50%; padding: 5px;"> NOT FOR CONSTRUCTION </p>	<p>APPROVED BY DIRECTOR OF PUBLIC WORKS</p> <p style="text-align: center;"> CITY OF IMPERIAL Underground Service Alert Call 811 727-7600 </p>	<p>PROJECT TITLE: ANASCARVA PHASE I IMPROVEMENTS</p> <p>SMART CONVEY: SIGNAGE AND STRIPING PLANS</p>	<p>SCALE: N/A</p> <p>SPAWN BY: BS</p> <p>DATE: 01/19/2024</p> <p>SHEET: 26</p> <p>OF 49 SHEETS</p> <p>DATE: APRIL 2024</p> <p>DATE: 01/19/2024</p>
NO.	REVISIONS	APPROVED	DATE												

Exhibit 1



- SIGNING AND STRIPING NOTES**
- 1 INSTALL THERMOPLASTIC PAVEMENT MARKING PER CALTRANS STD PLAN SET LEAD0
 - 2 EXISTING SIGN TO REMAIN
 - 3 EXISTING SIGN TO BE RELOCATED

- STRIPING DETAILS**
- 100 INSTALL LEFT EDGE LINE (EFTAL 20) PER CALTRANS STANDARD PLAN SET
 - 101 INSTALL RIGHT EDGE LINE (EFTAL 20) PER CALTRANS STANDARD PLAN SET
 - 102 INSTALL CENTERLINE (EFTAL 20) PER CALTRANS STANDARD PLAN SET

- RELOCATED SIGN LEGEND**
- SR-86 20' WIDE
 - SR-86 47' WIDE
 - SR-86 54' WIDE

- LEGEND**
- 1 EXISTING SIGN
 - 2 PROPOSED SIGN
 - 3 EXISTING LANE WIDTH
 - 4 NEW LANE WIDTH
 - 5 STRIPING DETAIL PER LATEST CALTRANS STANDARD PLANS
 - 6 TRAFFIC SIGNAL
 - 7 TYPE II ANCHOR PER CALTRANS STANDARD PLANS
 - 8 STOP PER CALTRANS STANDARD PLANS
 - 9 STOP PER CALTRANS STANDARD PLANS
 - 10 PER CALTRANS STANDARD PLANS
 - 11 PER CALTRANS STANDARD PLANS
 - 12 PER CALTRANS STANDARD PLANS
 - 13 PER CALTRANS STANDARD PLANS
 - 14 PER CALTRANS STANDARD PLANS
 - 15 PER CALTRANS STANDARD PLANS
 - 16 PER CALTRANS STANDARD PLANS
 - 17 PER CALTRANS STANDARD PLANS
 - 18 PER CALTRANS STANDARD PLANS
 - 19 PER CALTRANS STANDARD PLANS
 - 20 PER CALTRANS STANDARD PLANS
 - 21 PER CALTRANS STANDARD PLANS
 - 22 PER CALTRANS STANDARD PLANS
 - 23 PER CALTRANS STANDARD PLANS
 - 24 PER CALTRANS STANDARD PLANS
 - 25 PER CALTRANS STANDARD PLANS
 - 26 PER CALTRANS STANDARD PLANS
 - 27 PER CALTRANS STANDARD PLANS
 - 28 PER CALTRANS STANDARD PLANS
 - 29 PER CALTRANS STANDARD PLANS
 - 30 PER CALTRANS STANDARD PLANS
 - 31 PER CALTRANS STANDARD PLANS
 - 32 PER CALTRANS STANDARD PLANS
 - 33 PER CALTRANS STANDARD PLANS
 - 34 PER CALTRANS STANDARD PLANS
 - 35 PER CALTRANS STANDARD PLANS
 - 36 PER CALTRANS STANDARD PLANS
 - 37 PER CALTRANS STANDARD PLANS
 - 38 PER CALTRANS STANDARD PLANS
 - 39 PER CALTRANS STANDARD PLANS
 - 40 PER CALTRANS STANDARD PLANS
 - 41 PER CALTRANS STANDARD PLANS
 - 42 PER CALTRANS STANDARD PLANS
 - 43 PER CALTRANS STANDARD PLANS
 - 44 PER CALTRANS STANDARD PLANS
 - 45 PER CALTRANS STANDARD PLANS
 - 46 PER CALTRANS STANDARD PLANS
 - 47 PER CALTRANS STANDARD PLANS
 - 48 PER CALTRANS STANDARD PLANS
 - 49 PER CALTRANS STANDARD PLANS
 - 50 PER CALTRANS STANDARD PLANS
 - 51 PER CALTRANS STANDARD PLANS
 - 52 PER CALTRANS STANDARD PLANS
 - 53 PER CALTRANS STANDARD PLANS
 - 54 PER CALTRANS STANDARD PLANS
 - 55 PER CALTRANS STANDARD PLANS
 - 56 PER CALTRANS STANDARD PLANS
 - 57 PER CALTRANS STANDARD PLANS
 - 58 PER CALTRANS STANDARD PLANS
 - 59 PER CALTRANS STANDARD PLANS
 - 60 PER CALTRANS STANDARD PLANS
 - 61 PER CALTRANS STANDARD PLANS
 - 62 PER CALTRANS STANDARD PLANS
 - 63 PER CALTRANS STANDARD PLANS
 - 64 PER CALTRANS STANDARD PLANS
 - 65 PER CALTRANS STANDARD PLANS
 - 66 PER CALTRANS STANDARD PLANS
 - 67 PER CALTRANS STANDARD PLANS
 - 68 PER CALTRANS STANDARD PLANS
 - 69 PER CALTRANS STANDARD PLANS
 - 70 PER CALTRANS STANDARD PLANS
 - 71 PER CALTRANS STANDARD PLANS
 - 72 PER CALTRANS STANDARD PLANS
 - 73 PER CALTRANS STANDARD PLANS
 - 74 PER CALTRANS STANDARD PLANS
 - 75 PER CALTRANS STANDARD PLANS
 - 76 PER CALTRANS STANDARD PLANS
 - 77 PER CALTRANS STANDARD PLANS
 - 78 PER CALTRANS STANDARD PLANS
 - 79 PER CALTRANS STANDARD PLANS
 - 80 PER CALTRANS STANDARD PLANS
 - 81 PER CALTRANS STANDARD PLANS
 - 82 PER CALTRANS STANDARD PLANS
 - 83 PER CALTRANS STANDARD PLANS
 - 84 PER CALTRANS STANDARD PLANS
 - 85 PER CALTRANS STANDARD PLANS
 - 86 PER CALTRANS STANDARD PLANS
 - 87 PER CALTRANS STANDARD PLANS
 - 88 PER CALTRANS STANDARD PLANS
 - 89 PER CALTRANS STANDARD PLANS
 - 90 PER CALTRANS STANDARD PLANS
 - 91 PER CALTRANS STANDARD PLANS
 - 92 PER CALTRANS STANDARD PLANS
 - 93 PER CALTRANS STANDARD PLANS
 - 94 PER CALTRANS STANDARD PLANS
 - 95 PER CALTRANS STANDARD PLANS
 - 96 PER CALTRANS STANDARD PLANS
 - 97 PER CALTRANS STANDARD PLANS
 - 98 PER CALTRANS STANDARD PLANS
 - 99 PER CALTRANS STANDARD PLANS
 - 100 PER CALTRANS STANDARD PLANS

NO. 1 REVISIONS

NO.	REVISIONS	DATE	BY

SCALE: 1" = 40'

SEE ABOVE RIGHT MATCHLINE STA 122+50

SEE BELOW LEFT MATCHLINE STA 122+50

SEE ABOVE RIGHT MATCHLINE STA 122+50

SEE BELOW LEFT MATCHLINE STA 122+50

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
BENCHMARK ELEVATION
BENCHMARK DESCRIPTION

NOT FOR CONSTRUCTION

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA

FORWARDED UNDER THE DIRECT SUPERVISION OF
PROJECT TITLE: **CITY OF IMPERIAL ASCACABA PHASE 1 IMPROVEMENTS**

PROJECT NUMBER: **277-2600**

DATE: **APRIL 2024**

SCALE: **1/4" = 1'-0"**

DRAWN BY: **BS**

CHECKED BY: **RD**

DATE: **APRIL 2024**

SHEET **27** OF **49** SHEETS

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA

FORWARDED UNDER THE DIRECT SUPERVISION OF
PROJECT TITLE: **CITY OF IMPERIAL ASCACABA PHASE 1 IMPROVEMENTS**

PROJECT NUMBER: **277-2600**

DATE: **APRIL 2024**

SCALE: **1/4" = 1'-0"**

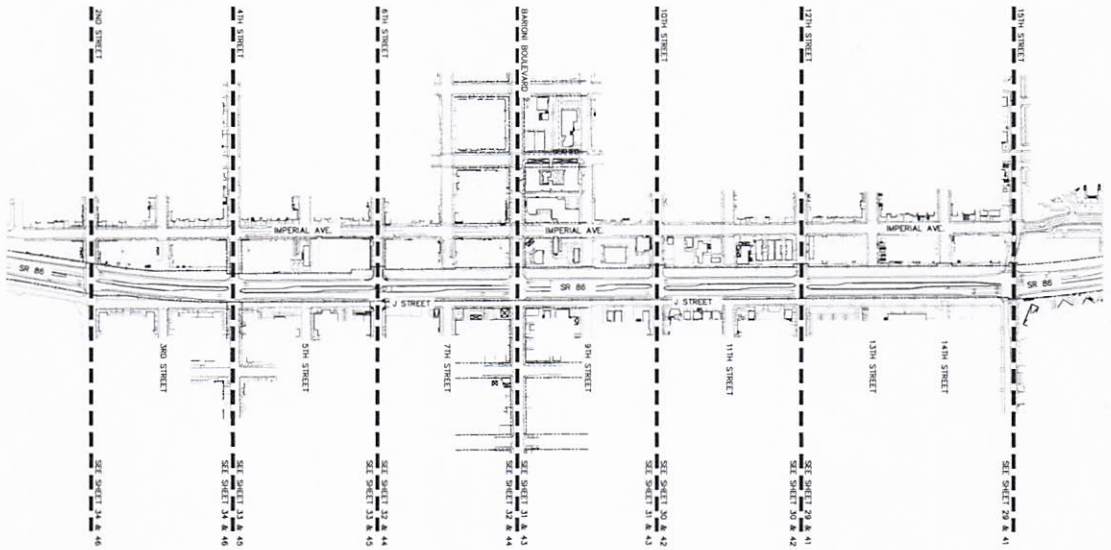
DRAWN BY: **BS**

CHECKED BY: **RD**

DATE: **APRIL 2024**

SHEET **27** OF **49** SHEETS

Exhibit 1



15TH TO 2ND - OVERALL SITE PLAN



NO.	REVISIONS	APPROVED	DATE



CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK:
BENCHMARK LITERATION,
INCORPORATED



SPURLOCK
REGISTERED PROFESSIONAL ENGINEER
No. 10226
Professional Seal No. 10226

APPROVED UNDER THE DIRECT SUPERVISION OF
BY _____
TITLE _____
DATE _____

PROJECT TITLE:
AGRICULTURAL PHASE II IMPROVEMENTS
LANDSCAPE COVER SHEET

SCALE:
DRAWN BY: M & WS
REVISED BY: VJ
APRIL 2024
SHEET NO. 28
OF 49 SHEETS
JOB NO. 2024-01-01

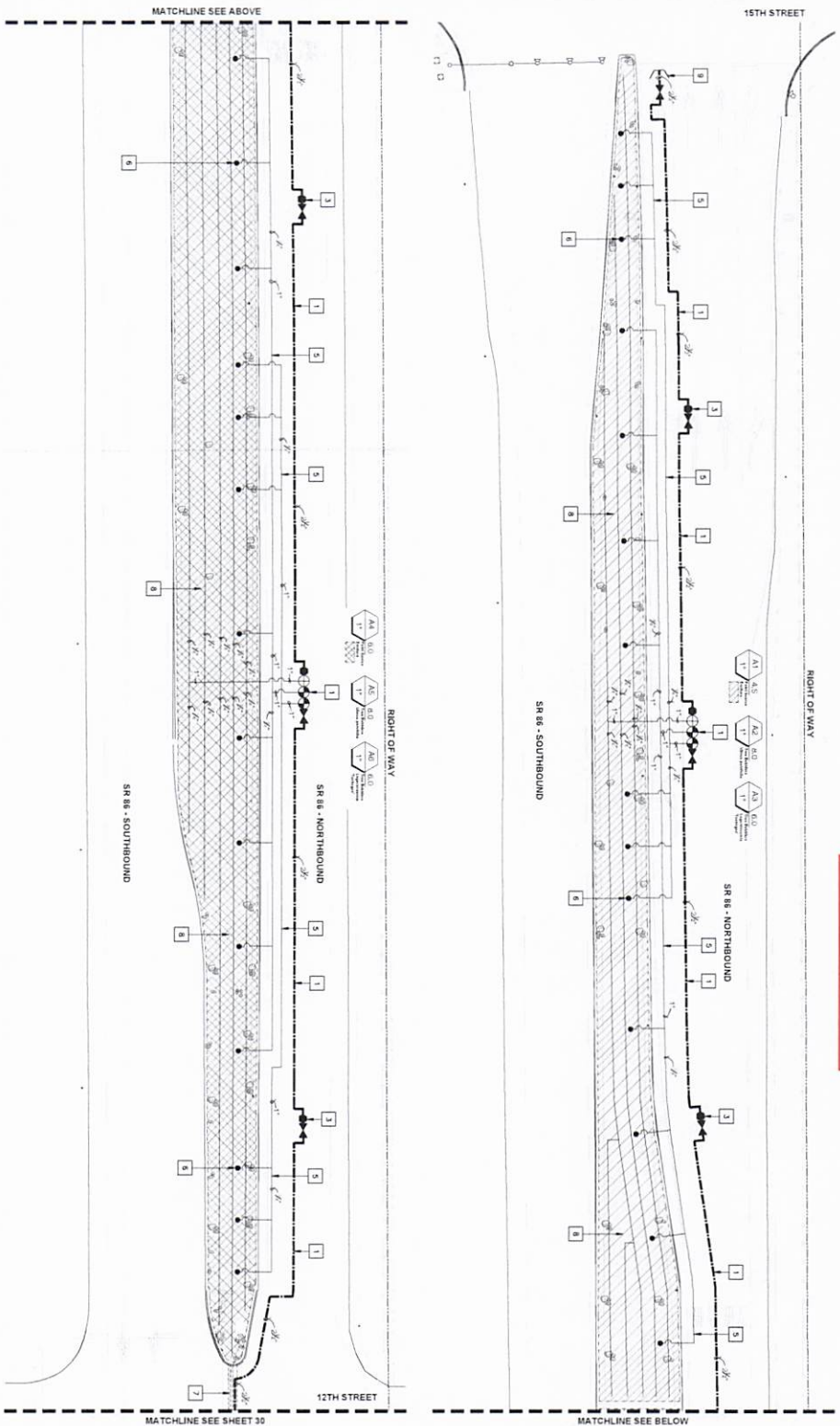


SHEET NO.	TITLE
28	LANDSCAPE COVER SHEET
29	REGULATION PLAN
30	REGULATION PLAN
31	REGULATION PLAN
32	REGULATION PLAN
33	REGULATION PLAN
34	REGULATION PLAN
35	REGULATION PLAN
36	REGULATION NOTICES, SCHEDULE AND REGULATION DETAILS
37	REGULATION DETAILS
38	REGULATION DETAILS
39	REGULATION DETAILS
40	REGULATION DETAILS
41	REGULATION PLAN
42	REGULATION PLAN
43	REGULATION PLAN
44	REGULATION PLAN
45	REGULATION PLAN
46	REGULATION PLAN
47	REGULATION PLAN
48	LANDSCAPE LEGENDS & NOTES
49	PLANTING DETAILS



VICINITY MAP

Exhibit 1



NO.	REVISIONS	APPROVED	DATE

UNAUTHORIZED CHANGES BY USER. The engineer, preparing these plans, is not be responsible for, or accept any liability for, any changes or alterations made to these plans after the date of their issue. All changes to the plans must be in writing.

CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
 BENCHMARK ELEVATION, INC.
 BLDG. 200, SCARBOROUGH, ME

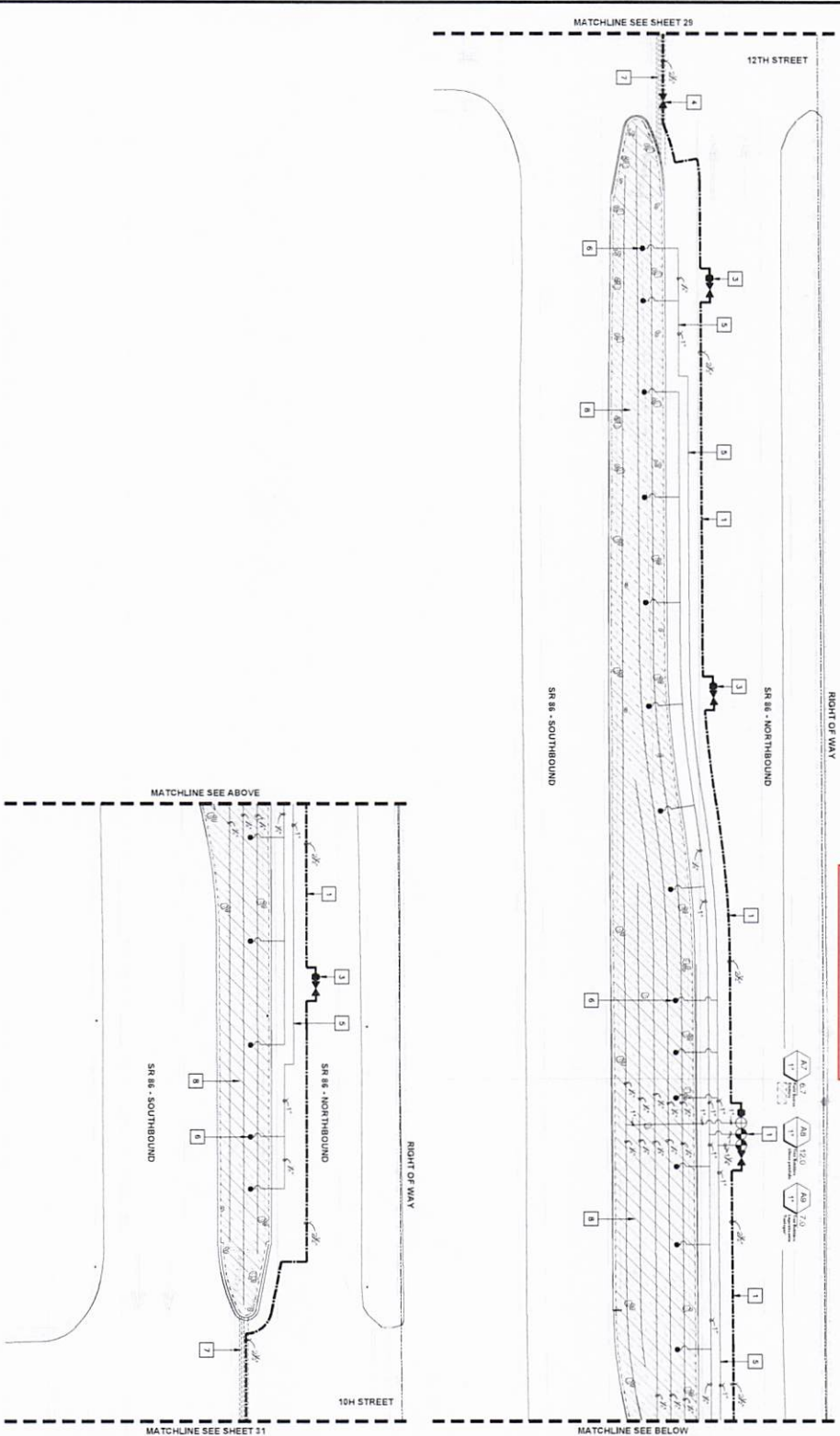
SPURLOCK
 1122 Holliston Street
 Santa Ana, CA 92705
 Phone: (714) 952-1000
 Fax: (714) 952-1001

APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA

COR
 SCALE: DRAWN BY: M. A. W.S.
 CHECKED BY: VZ
 APRIL 2024
 SHEET 29 OF 49 SHEETS
 09/20 2023

SEE SHEET 35 FOR IRRIGATION LEGEND
 SEE SHEET 36 FOR IRRIGATION SCHEDULE

Exhibit 1



SEE SHEET 35 FOR IRRIGATION LEGEND
SEE SHEET 36 FOR IRRIGATION SCHEDULE



NO. REVISIONS	APPROVED	DATE

BENCHMARK
 BENCHMARK ELEVATION:
 BENCHMARK DESCRIPTION:



SPURLLOCK
 4122 BIRCHMOUNT DRIVE
 SUITE 200
 OAKLAND, CA 94618
 (925) 762-1100

APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA

PROJECT TITLE: **CITY OF IMPERIAL**
AGRICULTURE PHASE I IMPROVEMENTS

SHEET COUNTY: **IRRIDATION PLAN**

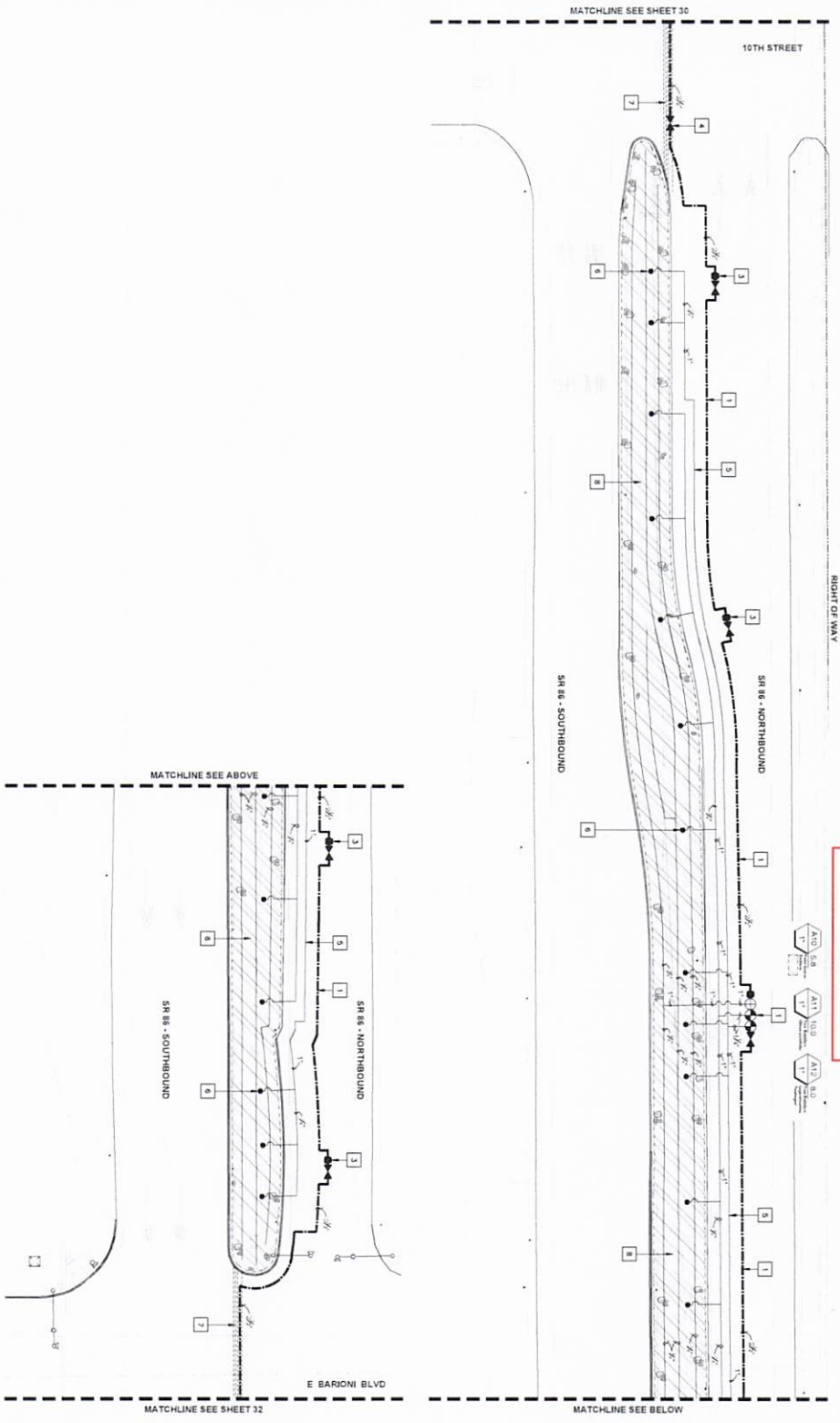
COR

SCALE: DRAWN BY: **K. A. W.S.**
 REVISION BY: **V.**
 SHEET NO.: **30**
 OF 49 SHEETS
 APRIL 2024

CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

DATA/INSTRUMENTS CHANGED, & USED. The engineer preparing these plans will not be responsible for or liable for any consequences that may result from the use of these plans. All changes to these plans must be in writing and approved by the engineer of record.

Exhibit 1



NO. OF REVISIONS	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans shall not be responsible for, or liable for, any errors or omissions in these plans, and shall not be responsible for the construction of these plans.

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
BENCHMARK ELEVATION:
BENCHMARK LOCATION:

SPURLOCK
1122 Technology Center
Imperial, CA 92251
Phone: (760) 355-4371
Fax: (760) 355-4718

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA

DATE: _____

NO WORK SHALL BE DONE IN THIS AREA WITHOUT THE WRITTEN PERMISSION OF THE CITY OF IMPERIAL. THE CITY OF IMPERIAL SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.

Underground Service Net
Call 811-6000
or 777-7600

DATE: _____

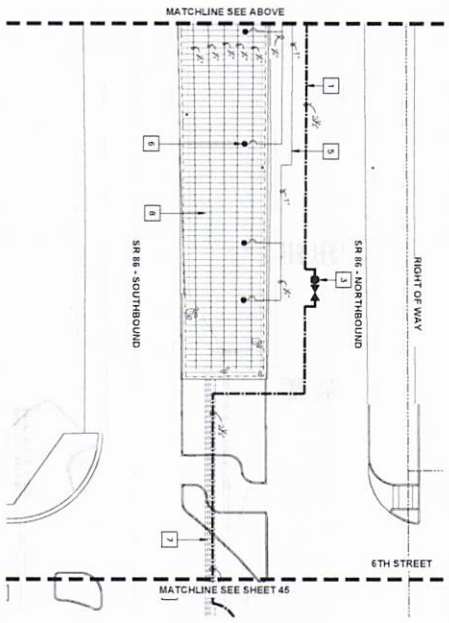
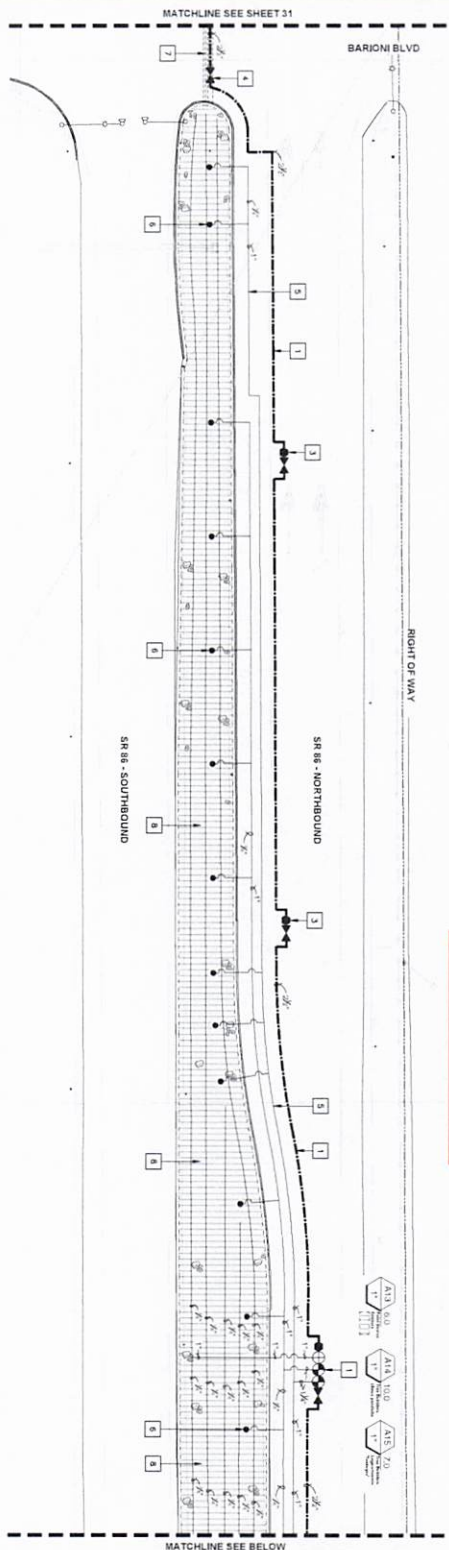
COR

SCALE: _____
DRAWN BY: M. A. M.S.
REVIEWED BY: V.L.
DATE: APRIL 2024

SHEET: **31**
OF 49 SHEETS
DATE: 4/11/24

SEE SHEET 35 FOR IRRIGATION LEGEND
SEE SHEET 36 FOR IRRIGATION SCHEDULE

Exhibit 1



NO.	REVISIONS	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer, preparing these plans, will not be responsible for or accept any liability for any changes or alterations to these plans, which may be approved by the contractor at their own risk.

CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
 BENCHMARK ELEVATION:
 BENCHMARK DESCRIPTION:

SPURLOCK
 11222 LINDSEY BLVD
 SUITE 100
 IMPERIAL, CA 92251
 (760) 355-4371

APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA

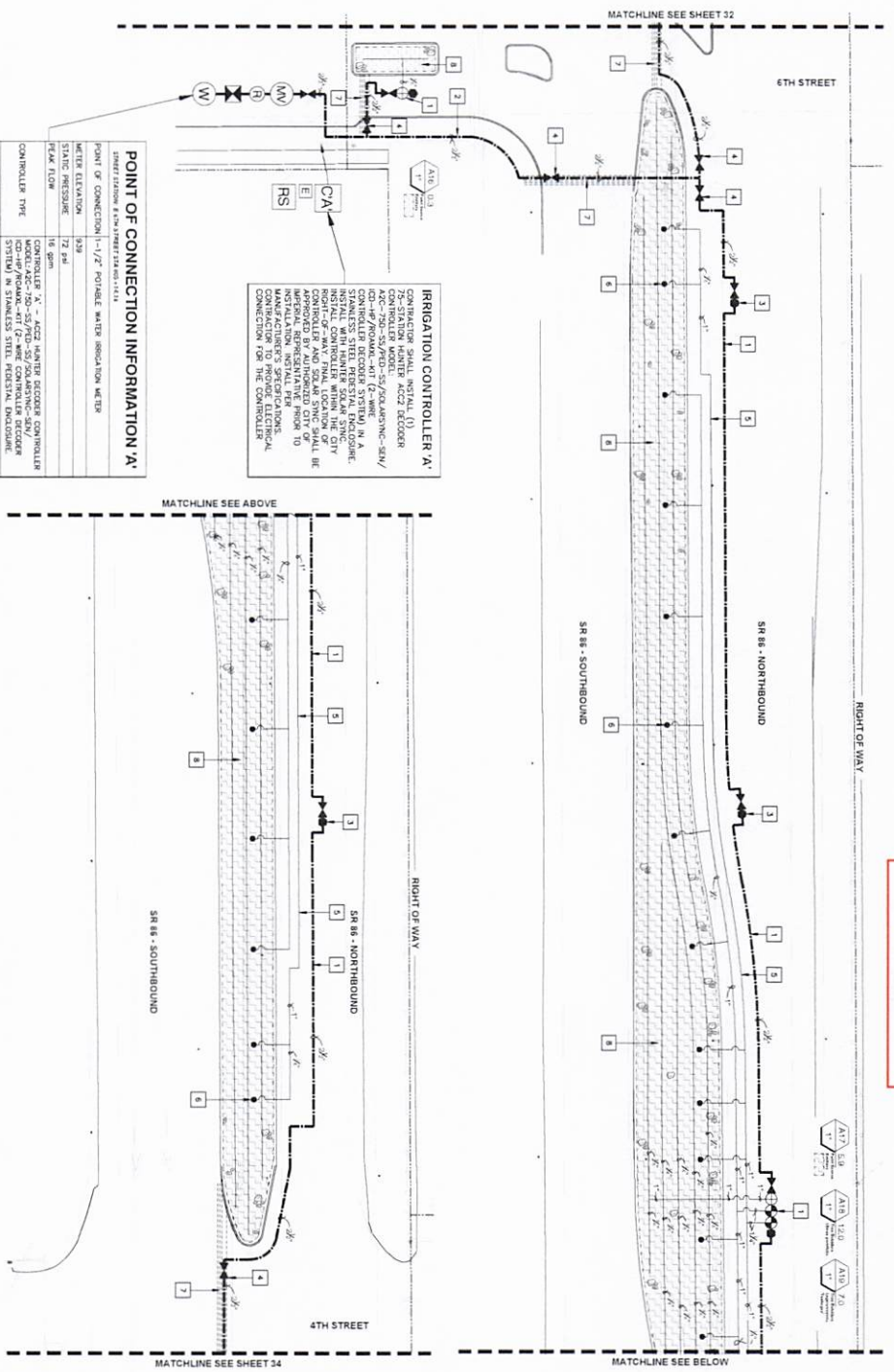
CIP
 221-2600

CR

SEE SHEET 35 FOR IRRIGATION LEGEND
 SEE SHEET 36 FOR IRRIGATION SCHEDULE

SCALE	SHEET
DRAWN BY: K.A. W.S.	32
REVIEWED BY: T.C.	OF 49 SHEETS
SHEET COUNTY: IRRIGATION PLAN	DATE: APRIL 2024
PROJECT TITLE: ANSCARBIA PHASE I IMPROVEMENTS	PROJECT NUMBER: 221-2600

Exhibit 1



IRRIGATION CONTROLLER 'A'
 CONTROLLER SHALL INSTALL (1) ACC-DECOR ACC DECOR CONTROLLER MODEL ACC-750-50/RED-52/SOLAR/ACC-52M/CONTROLLER DECOR SYSTEM IN A STAINLESS STEEL RECESSED ENCLOSURE. INSTALL CONTROLLER WITHIN THE CITY CONTROLLER AND SOLAR SYNC SHALL BE APPROVED BY THE CITY OF IMPERIAL. INSTALL PER SOME CONNECTION TO PROVIDE ELECTRICAL CONNECTION FOR THE CONTROLLER.

POINT OF CONNECTION INFORMATION 'A'

POINT OF CONNECTION 1-1/2" POLY-BE WATER METER INFORMATION

WATER ELEVATION	139
STATIC PRESSURE	172 psd
PEAK FLOW	16 gpm
CONTROLLER TYPE	ACC-750-50/RED-52/SOLAR/ACC-52M/CONTROLLER DECOR SYSTEM IN STAINLESS STEEL RECESSED ENCLOSURE
STATIONS AVAILABLE	75 STATIONS
STATIONS USED	22 STATIONS
ADDITIONAL DEVICE	1-1/2" VALVE



DATE: _____

APPROVED: _____

DATE: _____

PROJECT TITLE: CITY OF IMPERIAL IRRIGATION PLAN

SCALE: SHEET 33 OF 49 SHEETS

DATE: APRIL 2014

SEE SHEET 35 FOR IRRIGATION LEGEND
 SEE SHEET 36 FOR IRRIGATION SCHEDULE

CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK:
 BENCHMARK ELEVATION: _____
 BENCHMARK DESCRIPTION: _____

SPURLOCK
 1122 Exchange Blvd
 Suite 100
 Imperial, CA 92251
 Phone: (760) 355-4371

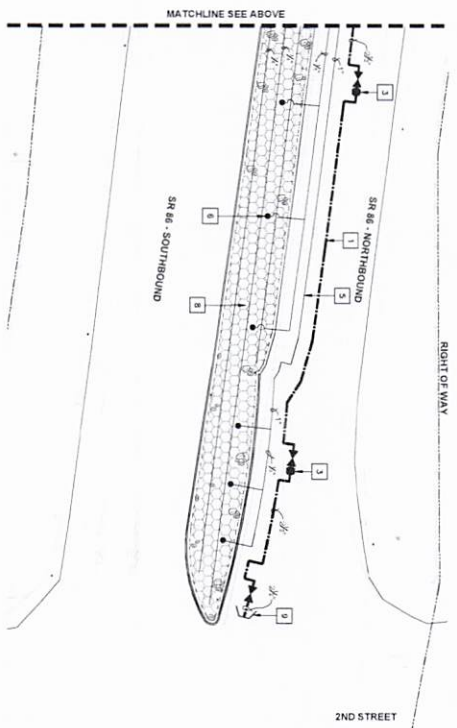
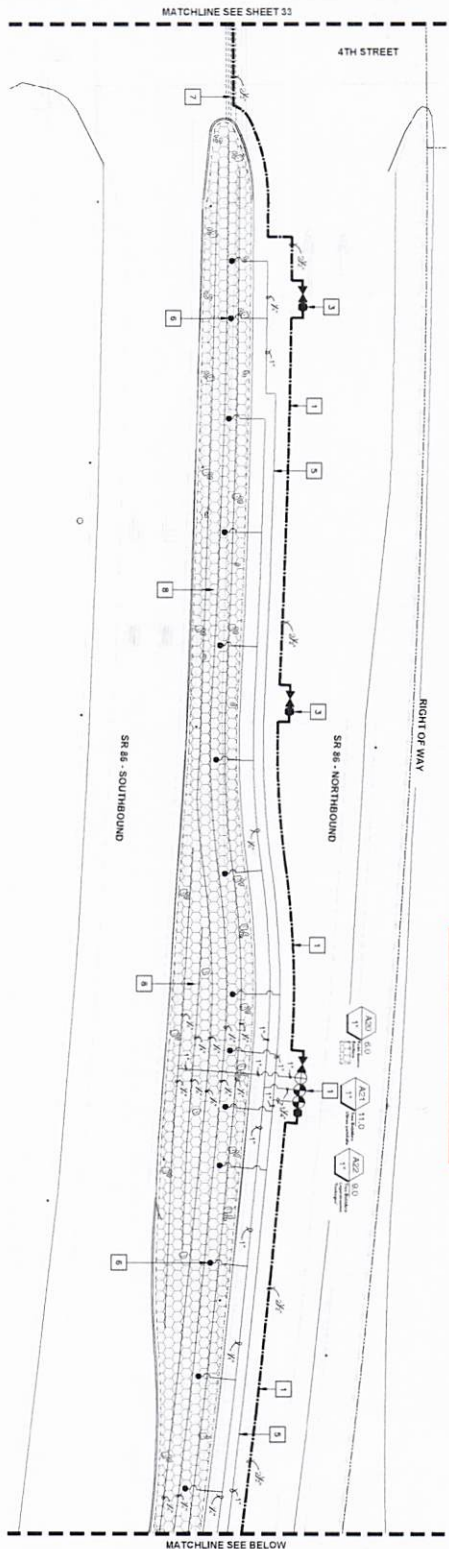
APPROVED BY DIRECTOR OF PUBLIC WORKS
 OR BY SPECIAL AGENT
 DATE: _____

FOR MORE INFORMATION CONTACT:
 UNDERGROUND SERVICE UNIT
 CALL 1-800-786-7860
 OR 760-355-4371

COR

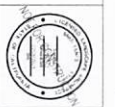
SCALE: SHEET 33 OF 49 SHEETS
 DRAWN BY: M.A. & W.S.
 REVIEWED BY: VZ
 APRIL 2014

Exhibit 1



NO.	REVISIONS	APPROVED	DATE

BENCHMARK:
BENCHMARK ELEVATION: _____
BENCHMARK DESCRIPTION: _____



SPURLOCK
REGISTERED PROFESSIONAL ENGINEER
No. 221-2800
State of California
Professional Seal

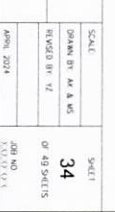
APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718

PROJECT TITLE: ANGLORA PHASE I IMPROVEMENTS
SHEET CONTENT: IRRIGATION PLAN

SCALE:
DRAWN BY: M. A. M.S.
REVIEWED BY: T.C.
DATE: APRIL 2024

SHEET 34
OF 49 SHEETS
SHEET NO. 34 OF 49
TOTAL SHEETS



SEE SHEET 35 FOR IRRIGATION LEGEND
SEE SHEET 36 FOR IRRIGATION SCHEDULE

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for or any errors or omissions in these plans. No changes to the plans shall be made without the written consent of the engineer. All changes to the plans shall be made on a separate sheet and must be approved by the engineer at these times.

NO.	REVISIONS	APPROVED DATE



CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
PH (760) 355-4371 FAX (760) 355-4718

BENCHMARK
BENCHMARK ELEVATION:
BENCHMARK DESCRIPTION:



DATE: _____
REVISED BY: _____
DRAWN BY: M.R. & W.S.
SHEET: 37 OF 49 SHEETS
SCALE: _____

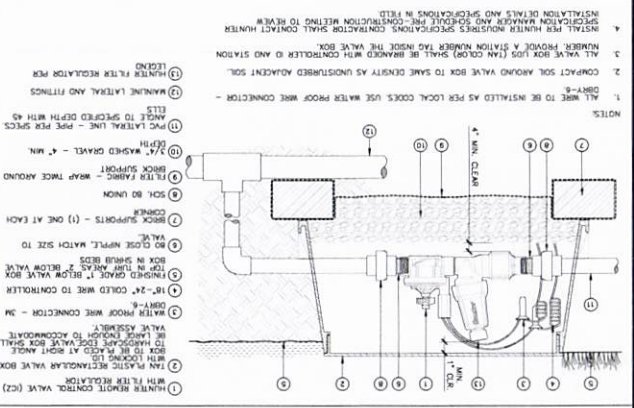
APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA
1225 Imperial Mall
Imperial, CA 92251
PH (760) 355-4371
FAX (760) 355-4718

SPURLUCK

NO WORK SHALL BE DONE ON THIS PROJECT UNLESS IT IS COVERED BY A PERMIT.
CITY OF IMPERIAL, CA
227-2600
1-800-735-3000
Call TOLL FREE
Underground Service Alert

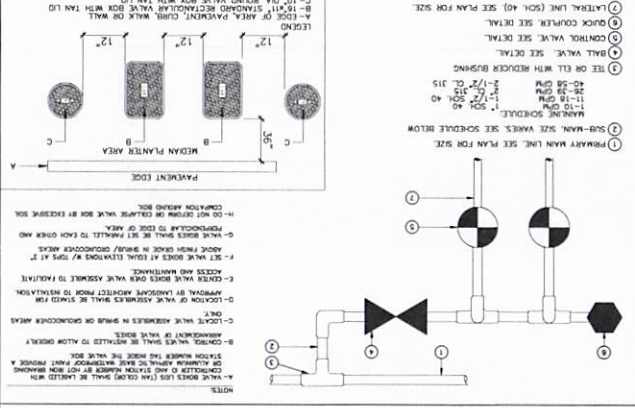


4 DRIP REMOTE CONTROL VALVE ASSEMBLY



- NOTES:
1. ALL WIRE TO BE INSTALLED AS PER LOCAL CODES. USE WATER PROOF WIRE CONNECTION - DWR-6.
 2. ALL VALVE BOX LIDS (TAN COLOR) SHALL BE BRANDED WITH MANUFACTURER'S INFORMATION AND SPECIFICATIONS IN FIELD.
 3. COMPACT SOLE ABOVE VALVE BOX TO SAME DENSITY AS UNDISTURBED ADJACENT SOIL.
 4. HUNTER FINE FILTER REGULATOR SHALL BE INSTALLED IN FIELD.
- LEGEND:
- (1) HUNTER FINE FILTER REGULATOR PER SPECIFICATIONS.
 - (2) CONTROL VALVE.
 - (3) WATER PROOF WIRE CONNECTION - DWR-6.
 - (4) BRASS NUTS (4).
 - (5) BRASS ELBOW (2).
 - (6) BRASS UNIONS (2).
 - (7) BRASS FITTINGS (4).
 - (8) BRASS RISERS (2).
 - (9) 1/2" SCH. 40 PVC ADAPTER.
 - (10) FINISHED GRAVEL.
 - (11) CONCRETE FOOTINGS 2' DIA. FT. EACH.
 - (12) 3/4" SCH. 40 PVC SUPPORT.
 - (13) CONCRETE SLAB (4" THICK).
 - (14) RESISTANT BACKFLOW ENDOURER (ENDOSCOURER) FOR FILTER REGULATOR.
 - (15) 1/2" SCH. 40 PVC MAIN LINE.
 - (16) 1/2" SCH. 40 PVC LATERAL LINE.
 - (17) BRASS TIE RODS 2' BELOW VALVE BOX TO HORIZONTAL TIE ROD VALVE BOX SHALL BE BRANDED TO ACCOMMODATE VALVE ASSEMBLY.
 - (18) 2" WATER PROOF WIRE CONNECTION - 3M.
 - (19) 1/2" DIA. TANK PLASTIC VALVE BOX WITH FINE FILTER REGULATOR (CZ).
 - (20) 1/2" DIA. TANK PLASTIC VALVE BOX BRAND (CZ).

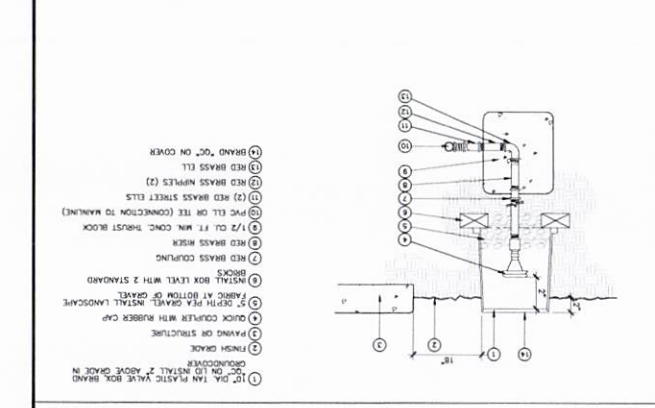
5 VALVE MAINFOLD INSTALLATION (TYPICAL)



- NOTES:
1. VALVE BOX LIDS (TAN COLOR) SHALL BE BRANDED WITH MANUFACTURER'S INFORMATION AND SPECIFICATIONS IN FIELD.
 2. COMPACT SOLE ABOVE VALVE BOX TO SAME DENSITY AS UNDISTURBED ADJACENT SOIL.
 3. ALL VALVE BOX LIDS (TAN COLOR) SHALL BE BRANDED WITH MANUFACTURER'S INFORMATION AND SPECIFICATIONS IN FIELD.
 4. HUNTER FINE FILTER REGULATOR SHALL BE INSTALLED IN FIELD.
- LEGEND:
- (1) BRASS TIE RODS 2' BELOW VALVE BOX TO HORIZONTAL TIE ROD VALVE BOX SHALL BE BRANDED TO ACCOMMODATE VALVE ASSEMBLY.
 - (2) 2" WATER PROOF WIRE CONNECTION - 3M.
 - (3) 1/2" DIA. TANK PLASTIC VALVE BOX WITH FINE FILTER REGULATOR (CZ).
 - (4) 1/2" DIA. TANK PLASTIC VALVE BOX BRAND (CZ).
 - (5) 1/2" SCH. 40 PVC SUPPORT.
 - (6) 3/4" SCH. 40 PVC MAIN LINE.
 - (7) 1/2" SCH. 40 PVC LATERAL LINE.
 - (8) BRASS TIE RODS 2' BELOW VALVE BOX TO HORIZONTAL TIE ROD VALVE BOX SHALL BE BRANDED TO ACCOMMODATE VALVE ASSEMBLY.
 - (9) 2" WATER PROOF WIRE CONNECTION - 3M.
 - (10) 1/2" DIA. TANK PLASTIC VALVE BOX WITH FINE FILTER REGULATOR (CZ).
 - (11) 1/2" DIA. TANK PLASTIC VALVE BOX BRAND (CZ).
 - (12) 3/4" SCH. 40 PVC MAIN LINE.
 - (13) 1/2" SCH. 40 PVC LATERAL LINE.
 - (14) BRASS TIE RODS 2' BELOW VALVE BOX TO HORIZONTAL TIE ROD VALVE BOX SHALL BE BRANDED TO ACCOMMODATE VALVE ASSEMBLY.
 - (15) 2" WATER PROOF WIRE CONNECTION - 3M.
 - (16) 1/2" DIA. TANK PLASTIC VALVE BOX WITH FINE FILTER REGULATOR (CZ).
 - (17) 1/2" DIA. TANK PLASTIC VALVE BOX BRAND (CZ).

Exhibit 1

6 QUICK COUPLER

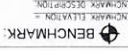


- NOTES:
1. ALL WIRE TO BE INSTALLED AS PER LOCAL CODES. USE WATER PROOF WIRE CONNECTION - DWR-6.
 2. ALL VALVE BOX LIDS (TAN COLOR) SHALL BE BRANDED WITH MANUFACTURER'S INFORMATION AND SPECIFICATIONS IN FIELD.
 3. COMPACT SOLE ABOVE VALVE BOX TO SAME DENSITY AS UNDISTURBED ADJACENT SOIL.
 4. HUNTER FINE FILTER REGULATOR SHALL BE INSTALLED IN FIELD.
- LEGEND:
- (1) BRASS TIE RODS 2' BELOW VALVE BOX TO HORIZONTAL TIE ROD VALVE BOX SHALL BE BRANDED TO ACCOMMODATE VALVE ASSEMBLY.
 - (2) 2" WATER PROOF WIRE CONNECTION - 3M.
 - (3) 1/2" DIA. TANK PLASTIC VALVE BOX WITH FINE FILTER REGULATOR (CZ).
 - (4) 1/2" DIA. TANK PLASTIC VALVE BOX BRAND (CZ).
 - (5) 1/2" SCH. 40 PVC SUPPORT.
 - (6) 3/4" SCH. 40 PVC MAIN LINE.
 - (7) 1/2" SCH. 40 PVC LATERAL LINE.
 - (8) BRASS TIE RODS 2' BELOW VALVE BOX TO HORIZONTAL TIE ROD VALVE BOX SHALL BE BRANDED TO ACCOMMODATE VALVE ASSEMBLY.
 - (9) 2" WATER PROOF WIRE CONNECTION - 3M.
 - (10) 1/2" DIA. TANK PLASTIC VALVE BOX WITH FINE FILTER REGULATOR (CZ).
 - (11) 1/2" DIA. TANK PLASTIC VALVE BOX BRAND (CZ).
 - (12) 3/4" SCH. 40 PVC MAIN LINE.
 - (13) 1/2" SCH. 40 PVC LATERAL LINE.
 - (14) BRASS TIE RODS 2' BELOW VALVE BOX TO HORIZONTAL TIE ROD VALVE BOX SHALL BE BRANDED TO ACCOMMODATE VALVE ASSEMBLY.
 - (15) 2" WATER PROOF WIRE CONNECTION - 3M.
 - (16) 1/2" DIA. TANK PLASTIC VALVE BOX WITH FINE FILTER REGULATOR (CZ).
 - (17) 1/2" DIA. TANK PLASTIC VALVE BOX BRAND (CZ).

Exhibit 1

NO	REVISIONS	APPROVED DATE

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718



DATE: _____	NO. SHEETS: _____
PROJECT TITLE: AHSC-ARPA PHASE I IMPROVEMENTS	SHEET NO: 38
CITY OF IMPERIAL	SCALE: _____
DESIGNED BY: AK & WS	DATE: April, 2024
DRAWN BY: AK & WS	JOB NO: _____
REVISIONS: _____	DATE: _____

SPURLOCK
APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA
1480 E. BROWNS AVE. #100
IMPERIAL, CA 92251
Tel: (760) 355-4371

APPROVED BY: **CS** (Professional Engineer Seal)
COURT FEE FREE
227-2600
No more than 60 days in this state
OR IN ANOTHER STATE OR OUTSIDE THE UNITED STATES

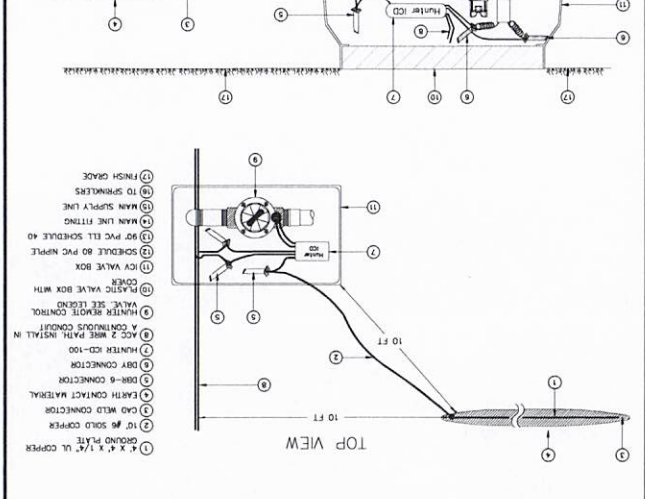
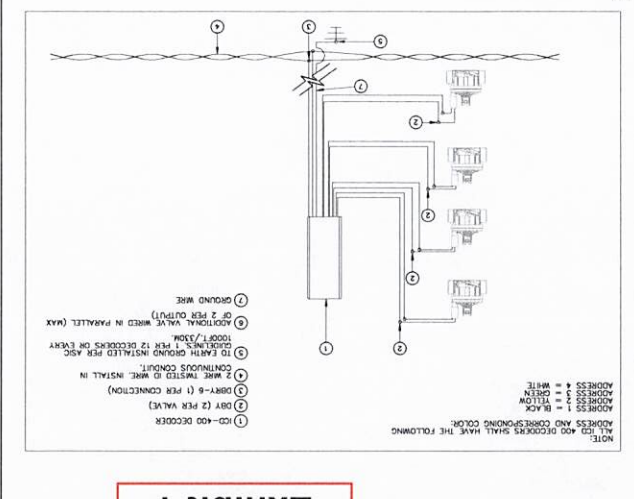
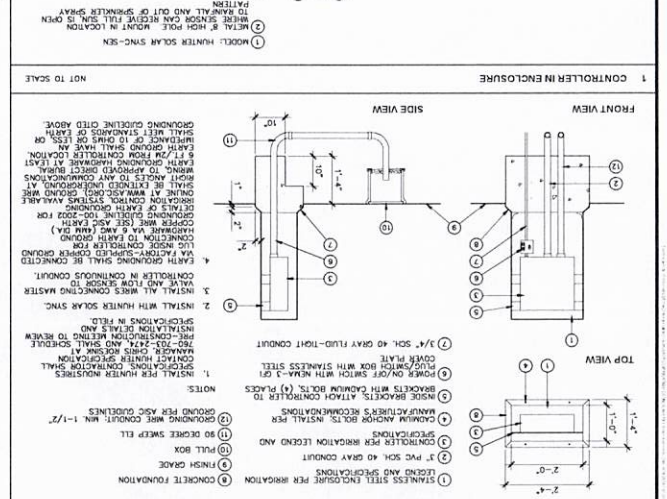
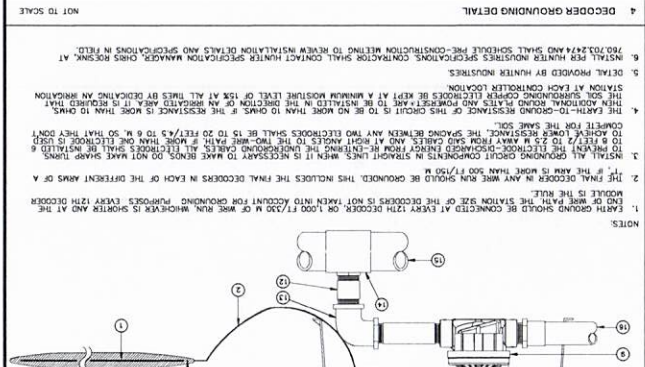
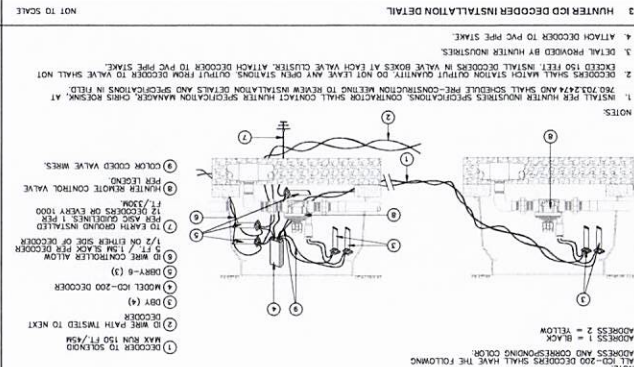
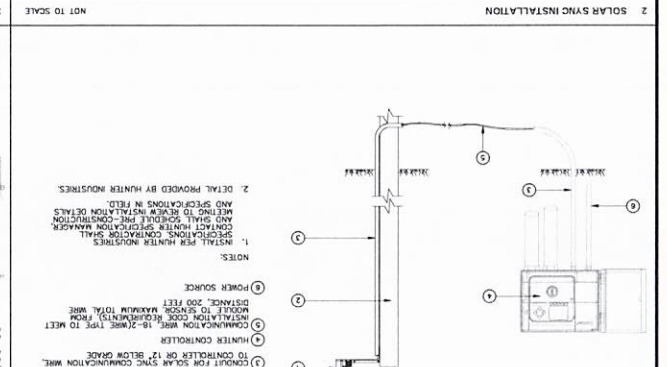


Exhibit 1

NO.	REVISIONS	APPROVED	DATE



CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
 BENCHMARK ELEVATION:
 BENCHMARK DESCRIPTION:



DATE: _____
 REC. EXP: _____
 REC. NO: _____
 PROJECT TITLE: _____
 PREPARED UNDER THE DIRECT SUPERVISION OF _____

CITY OF IMPERIAL
 A/C-S/C-P/A PHASE I IMPROVEMENTS
 SHEET NUMBER: _____
 SHEET COUNT: _____
 IRRIGATION DETAILS

SCALE: _____
 DRAWN BY: K & W
 CHECKED BY: _____
 DATE: April 2024
 JOB NO: 2023-017
 SHEET: 39 OF 45 SHEETS

SPURLOCK
 4122 Broadway Avenue
 San Diego, California 92116
 619.871.0000
 1-800-277-2600
 Cal. Toll Free
 Underground Service Airt
 APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA
 NO WORK SHALL BE DONE ON THIS
 OR OTHER PUBLIC WORKS UNLESS
 THE WORKER OBTAINS A PERMIT
 FROM THE CITY ENGINEER.

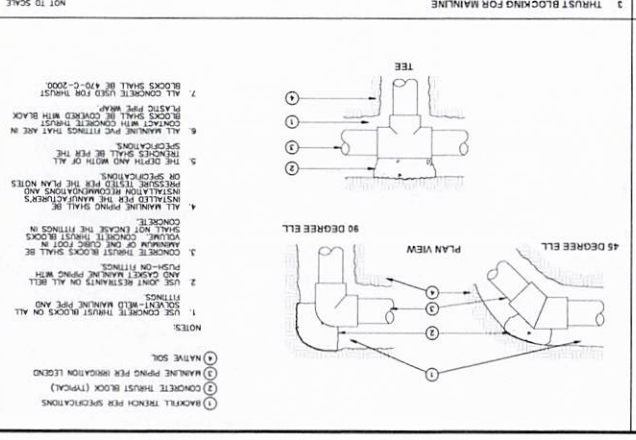
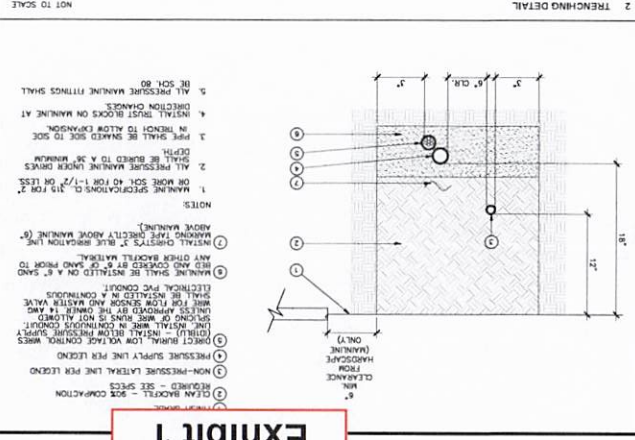
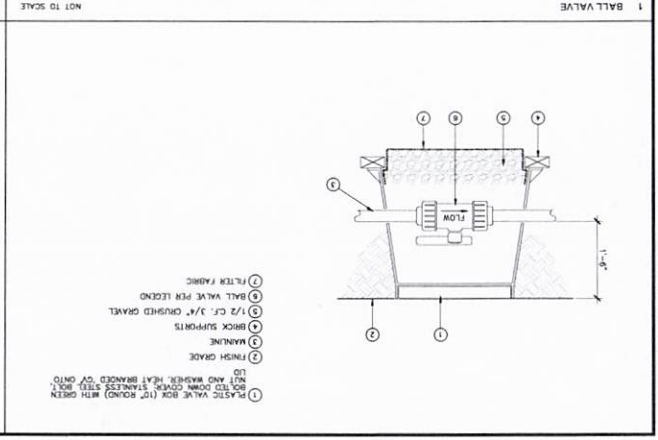
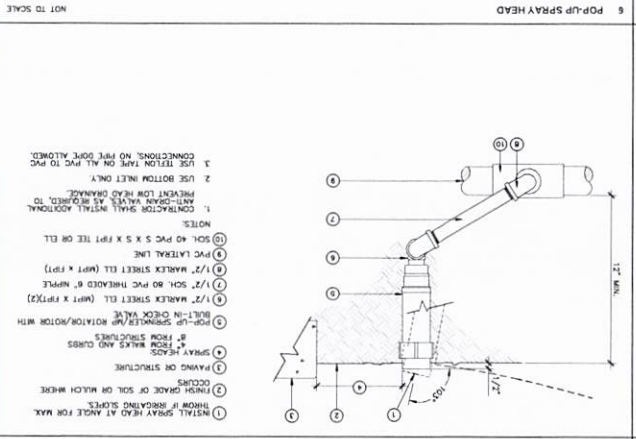
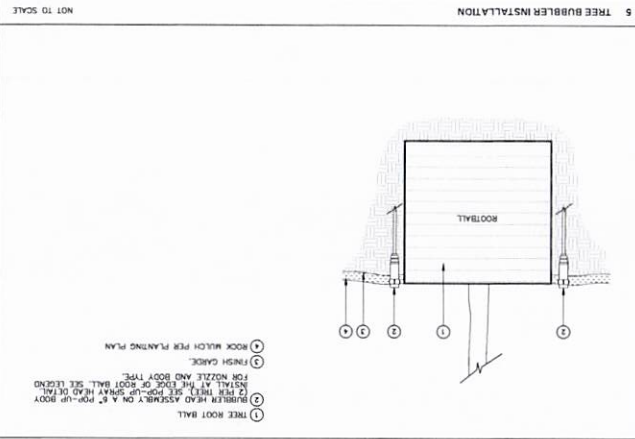
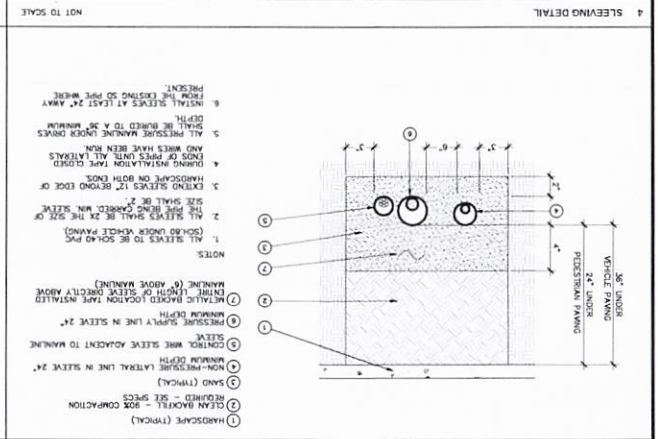


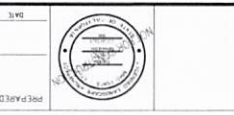
Exhibit 1

NO.	REVISIONS	DATE	APPROVED



CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
 BENCHMARK ELEVATION
 BENCHMARK DESCRIPTION



DATE: _____
 REC. EXP: _____
 SHEET NO.: _____
 PROJECT TITLE: _____

APPROVED UNDER THE DIRECT SUPERVISION OF _____
 PROJECT TITLE: _____
 CITY OF IMPERIAL
 A/C-A/MPA PHASE I IMPROVEMENTS

SCALE: _____
 SHEET: _____
 DRAWN BY: AY & WS
 REVISIONS BY: VZ
 APRIL 2024

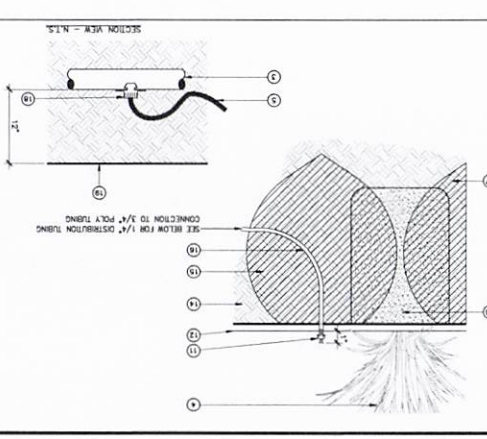
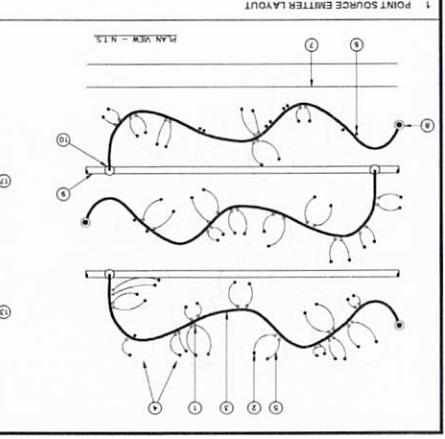
UNAUTHORIZED CHANGES & USES. The engineer prepares these plans and is not responsible for or liable for unauthorized changes or uses of these plans. All changes to the plans must be in writing and must be approved by the engineer in the presence of these plans.



APPROVED BY: _____
 DATE: _____
 BY: _____
 227-2600
 1-800-
 Call Toll Free
 Underground Service Alert
 BE SURE YOU CALL OR NOTIFY BEFORE ANY WORK IS DONE ON THE SITE TO AVOID DAMAGE TO UTILITIES OR EXHAUSTION OF RESOURCES.

APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA

SPURLOCK
 2122 E. Imperial Street
 San Diego, California 92113
 619.587.0000
 spurlock.com



NOT TO SCALE

NOTES:

1. LOCATE DRIP EMITTER WITHIN 2" OF THE ROOT BALL OF THE PLANT.
2. INSTALL PER MAN BHD SPECIFICATIONS.
3. EMITTER ON END OF 1/4" TUBING.
4. 3/4" POLY TUBING (20 FT MAX).
5. PLANTS, SEE PLANTING PLAN.
6. 1/4" DISTRIBUTION TUBING TO PLANTS, 72" MAXIMUM LENGTH.
7. EMITTER INTO 3/4" TUBING FINISHED GRADE.
8. FLUSH CAP AT TUBING END.
9. CURB OR PAVEMENT EDGE.
10. CONNECTION TO PVC LATERAL LINE.
11. INSURE CONNECTION FROM EMITTER WITH A DIRTOR BUD CAP.
12. MODEL NO. 20-C-PC INSTALL (2) TWO EMITTERS PER SQUARE FEET OF AREA.
13. FINISHED GRADE OR TOP OF ROCK MULCH, SEE PLANTING PLAN.
14. HANGED OR ON-AN-GRADE SITE SOIL.
15. PHYSICAL METHOD AREA FROM A DRIP EMITTER IN SOIL FOR REFERENCE ONLY.
16. HANGED OR ON-AN-GRADE SITE SOIL.
17. ROOT BALL OF PLANT FROM CONTAINER.
18. FINISHED GRADE OR TOP OF ROCK MULCH, SEE PLANTING PLAN.
19. FINISHED GRADE.

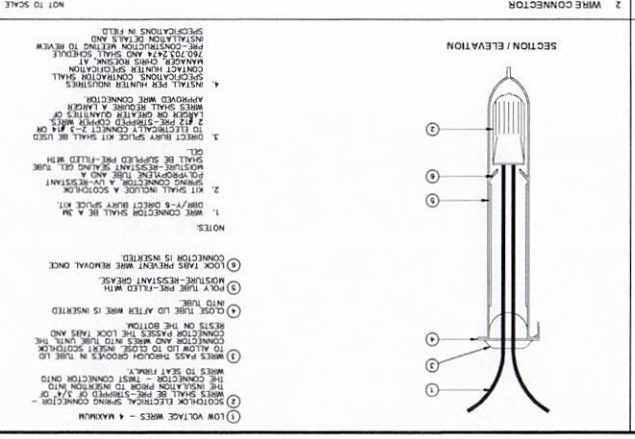
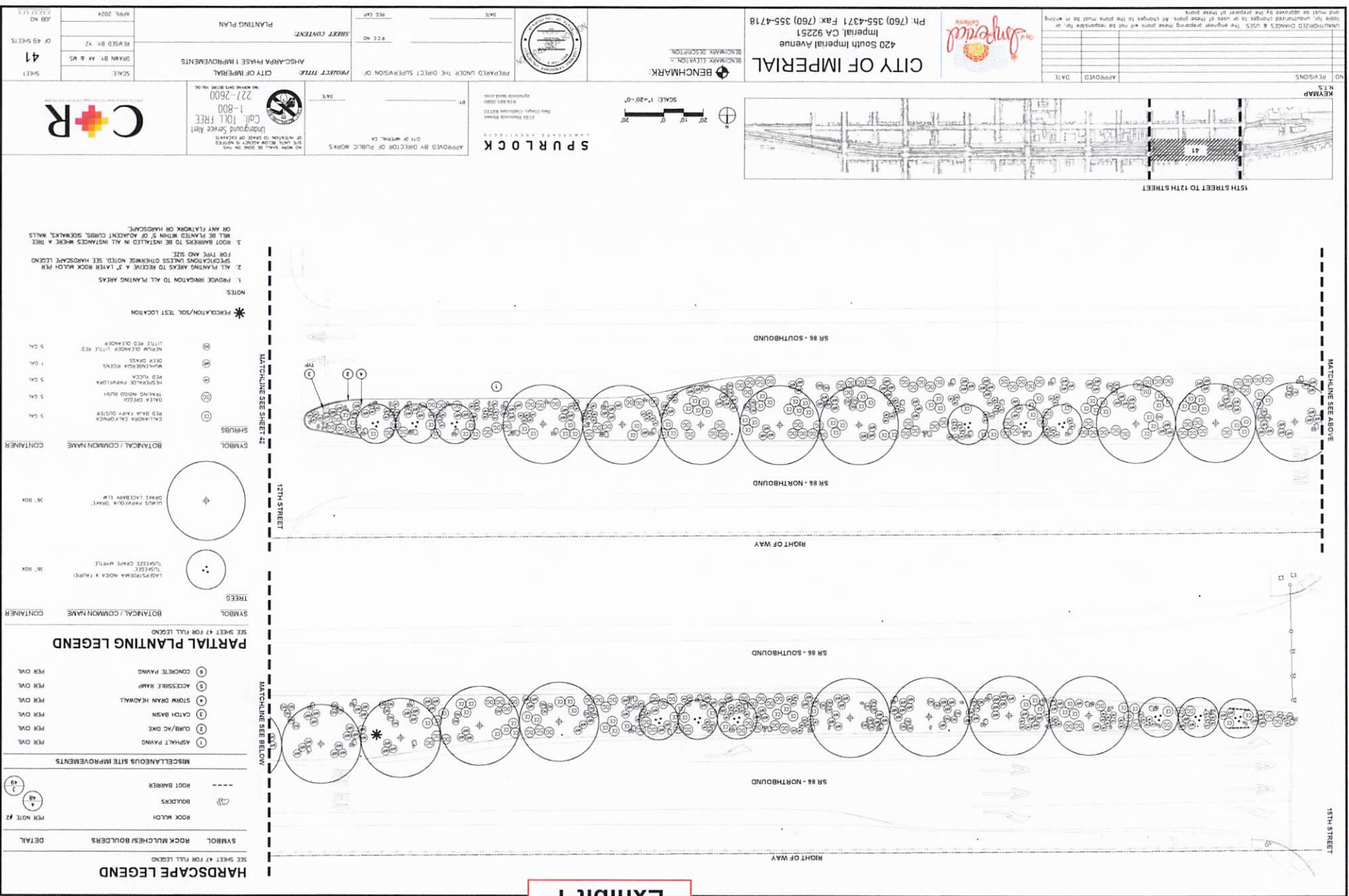


Exhibit 1

Exhibit 1



CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
BENCHMARK DESCRIPTION:
BENCHMARK ELEVATION: _____

SPURLOCK
APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA
NO WORK SHALL BE DONE ON THIS PROJECT UNLESS THE CITY ENGINEER HAS REVIEWED AND APPROVED THE PLAN.

CITY OF IMPERIAL
PROJECT TITLE: AHSC-ARPA PHASE I IMPROVEMENTS
PROJECT NO.: _____
DATE: _____

REVISIONS

NO.	REVISIONS	DATE	APPROVED

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, and shall not be deemed to have approved, any changes or alterations to these plans or any part thereof, unless such changes or alterations are made in writing and approved by the engineer.

SCALE: 1"=20'-0"

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA
NO WORK SHALL BE DONE ON THIS PROJECT UNLESS THE CITY ENGINEER HAS REVIEWED AND APPROVED THE PLAN.

BY: _____
DATE: _____

COR
Call: TOLL FREE 1-800-277-2600
Underground Service Alert
of IMPERIAL, CALIFORNIA
NO WORK SHALL BE DONE ON THIS PROJECT UNLESS THE CITY ENGINEER HAS REVIEWED AND APPROVED THE PLAN.

PLANTING PLAN
SHEET 41 OF 49 SHEETS
DATE: April, 2024

HARDSCAPE LEGEND
SEE SHEET #7 FOR FULL LEGEND

SYMBOL	DESCRIPTION
(1)	ASPHALT PAVING
(2)	CURB/AC DME
(3)	CATCH BASIN
(4)	STORM DRAIN HEADWALL
(5)	ACCESSIBLE RAMP
(6)	CONCRETE PAVING

MISCELLANEOUS SITE IMPROVEMENTS

SYMBOL	DESCRIPTION
(A)	ROCK WALL
(B)	BOULDERS
(C)	ROOT BARRIER

PARTIAL PLANTING LEGEND
SEE SHEET #7 FOR FULL LEGEND

SYMBOL	DESCRIPTION
(1)	ASPHALT PAVING
(2)	CURB/AC DME
(3)	CATCH BASIN
(4)	STORM DRAIN HEADWALL
(5)	ACCESSIBLE RAMP
(6)	CONCRETE PAVING

TREES

SYMBOL	DESCRIPTION
(1)	ASBESTOSUS NOCA x FAUNE
(2)	ULMUS CRISPUS
(3)	ULMUS CRISPUS
(4)	ULMUS CRISPUS
(5)	ULMUS CRISPUS
(6)	ULMUS CRISPUS
(7)	ULMUS CRISPUS
(8)	ULMUS CRISPUS
(9)	ULMUS CRISPUS
(10)	ULMUS CRISPUS
(11)	ULMUS CRISPUS
(12)	ULMUS CRISPUS
(13)	ULMUS CRISPUS
(14)	ULMUS CRISPUS
(15)	ULMUS CRISPUS
(16)	ULMUS CRISPUS
(17)	ULMUS CRISPUS
(18)	ULMUS CRISPUS
(19)	ULMUS CRISPUS
(20)	ULMUS CRISPUS
(21)	ULMUS CRISPUS
(22)	ULMUS CRISPUS
(23)	ULMUS CRISPUS
(24)	ULMUS CRISPUS
(25)	ULMUS CRISPUS
(26)	ULMUS CRISPUS
(27)	ULMUS CRISPUS
(28)	ULMUS CRISPUS
(29)	ULMUS CRISPUS
(30)	ULMUS CRISPUS
(31)	ULMUS CRISPUS
(32)	ULMUS CRISPUS
(33)	ULMUS CRISPUS
(34)	ULMUS CRISPUS
(35)	ULMUS CRISPUS
(36)	ULMUS CRISPUS
(37)	ULMUS CRISPUS
(38)	ULMUS CRISPUS
(39)	ULMUS CRISPUS
(40)	ULMUS CRISPUS
(41)	ULMUS CRISPUS
(42)	ULMUS CRISPUS
(43)	ULMUS CRISPUS
(44)	ULMUS CRISPUS
(45)	ULMUS CRISPUS
(46)	ULMUS CRISPUS
(47)	ULMUS CRISPUS
(48)	ULMUS CRISPUS
(49)	ULMUS CRISPUS
(50)	ULMUS CRISPUS

SYMBOLS

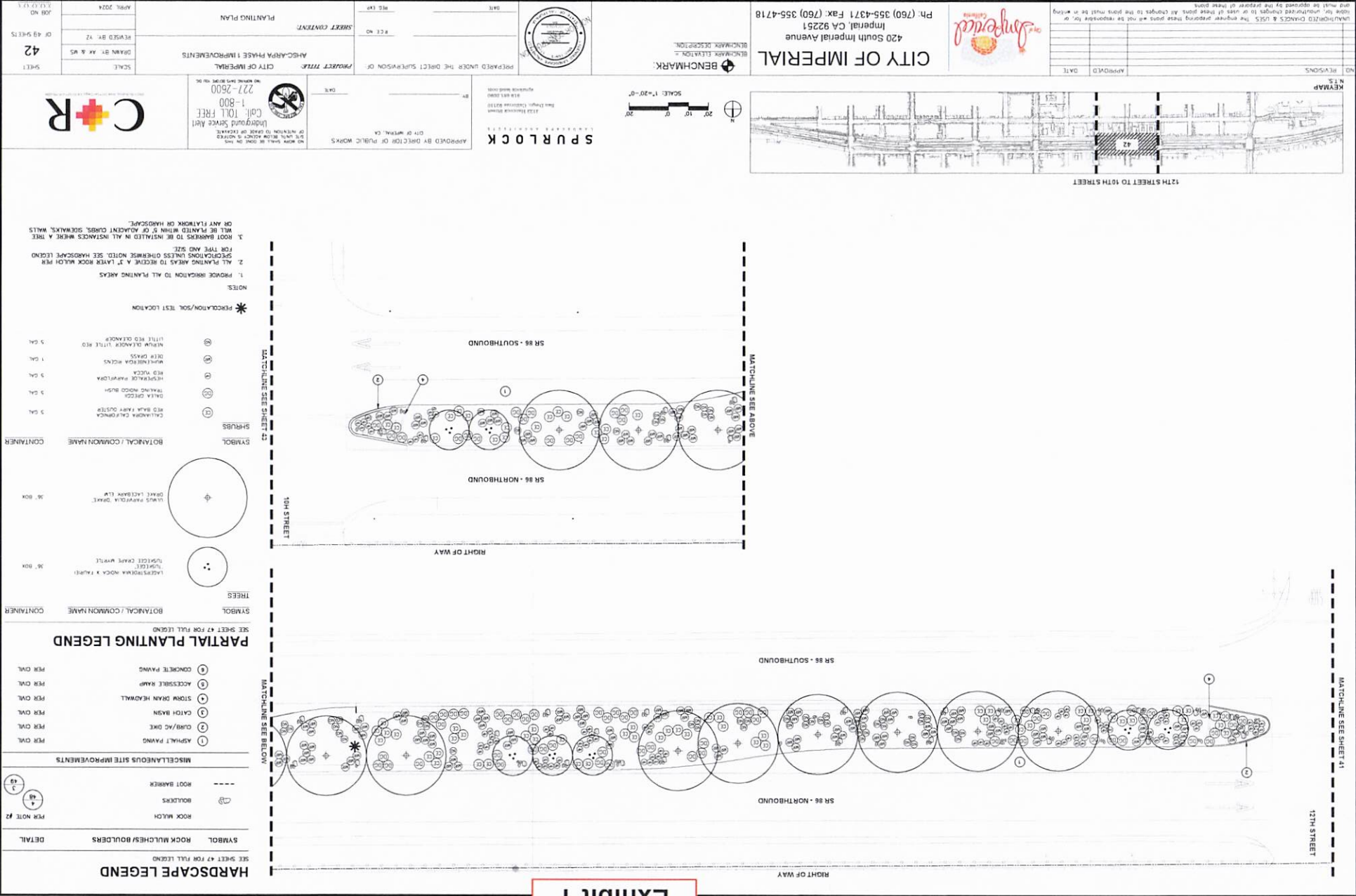
SYMBOL	DESCRIPTION
(1)	ULMUS CRISPUS
(2)	ULMUS CRISPUS
(3)	ULMUS CRISPUS
(4)	ULMUS CRISPUS
(5)	ULMUS CRISPUS
(6)	ULMUS CRISPUS
(7)	ULMUS CRISPUS
(8)	ULMUS CRISPUS
(9)	ULMUS CRISPUS
(10)	ULMUS CRISPUS
(11)	ULMUS CRISPUS
(12)	ULMUS CRISPUS
(13)	ULMUS CRISPUS
(14)	ULMUS CRISPUS
(15)	ULMUS CRISPUS
(16)	ULMUS CRISPUS
(17)	ULMUS CRISPUS
(18)	ULMUS CRISPUS
(19)	ULMUS CRISPUS
(20)	ULMUS CRISPUS
(21)	ULMUS CRISPUS
(22)	ULMUS CRISPUS
(23)	ULMUS CRISPUS
(24)	ULMUS CRISPUS
(25)	ULMUS CRISPUS
(26)	ULMUS CRISPUS
(27)	ULMUS CRISPUS
(28)	ULMUS CRISPUS
(29)	ULMUS CRISPUS
(30)	ULMUS CRISPUS
(31)	ULMUS CRISPUS
(32)	ULMUS CRISPUS
(33)	ULMUS CRISPUS
(34)	ULMUS CRISPUS
(35)	ULMUS CRISPUS
(36)	ULMUS CRISPUS
(37)	ULMUS CRISPUS
(38)	ULMUS CRISPUS
(39)	ULMUS CRISPUS
(40)	ULMUS CRISPUS
(41)	ULMUS CRISPUS
(42)	ULMUS CRISPUS
(43)	ULMUS CRISPUS
(44)	ULMUS CRISPUS
(45)	ULMUS CRISPUS
(46)	ULMUS CRISPUS
(47)	ULMUS CRISPUS
(48)	ULMUS CRISPUS
(49)	ULMUS CRISPUS
(50)	ULMUS CRISPUS

NOTES:

- PROVIDE IRRIGATION TO ALL PLANTING AREAS
- ALL PLANTING AREAS TO RECEIVE A 3" LAYER ROCK MULCH PER SPECIFICATIONS UNLESS OTHERWISE NOTED. SEE HARDSCAPE LEGEND FOR TYPE AND SIZE.
- ROCK BARRIERS TO BE INSTALLED IN ALL INSTANCES WHERE A TREE WILL BE PLANTED WITHIN 5' OF ADJACENT CURBS, SIDEWALKS, WALLS OR ANY PLATFORM OR HARDSCAPE.

***PERCOLATION/SOIL TEST LOCATION**

Exhibit 1



CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
BENCHMARK DESCRIPTION:
BENCHMARK ELEVATION:
BENCHMARK DATE:

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

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

NO WORK SHALL BE DONE ON THIS PROJECT UNLESS A PERMIT IS OBTAINED FROM THE PUBLIC WORKS DEPARTMENT.

SPURLUK & ASSOCIATES, INC.
11525 INDIAN WOOD DRIVE
SAN DIEGO, CALIFORNIA 92126
TEL: (619) 594-8888
WWW.SPURLUK.COM

KEYMAP
N.T.S.

12TH STREET TO 10TH STREET

13TH STREET

14TH STREET

15TH STREET

16TH STREET

17TH STREET

18TH STREET

19TH STREET

20TH STREET

21ST STREET

22ND STREET

23RD STREET

24TH STREET

25TH STREET

26TH STREET

27TH STREET

28TH STREET

29TH STREET

30TH STREET

31ST STREET

32ND STREET

33RD STREET

34TH STREET

35TH STREET

36TH STREET

37TH STREET

38TH STREET

39TH STREET

40TH STREET

41ST STREET

42ND STREET

43RD STREET

44TH STREET

45TH STREET

46TH STREET

47TH STREET

48TH STREET

49TH STREET

50TH STREET

51ST STREET

52ND STREET

53RD STREET

54TH STREET

55TH STREET

56TH STREET

57TH STREET

58TH STREET

59TH STREET

60TH STREET

61ST STREET

62ND STREET

63RD STREET

64TH STREET

65TH STREET

66TH STREET

67TH STREET

68TH STREET

69TH STREET

70TH STREET

71ST STREET

72ND STREET

73RD STREET

74TH STREET

75TH STREET

76TH STREET

77TH STREET

78TH STREET

79TH STREET

80TH STREET

81ST STREET

82ND STREET

83RD STREET

84TH STREET

85TH STREET

86TH STREET

87TH STREET

88TH STREET

89TH STREET

90TH STREET

91ST STREET

92ND STREET

93RD STREET

94TH STREET

95TH STREET

96TH STREET

97TH STREET

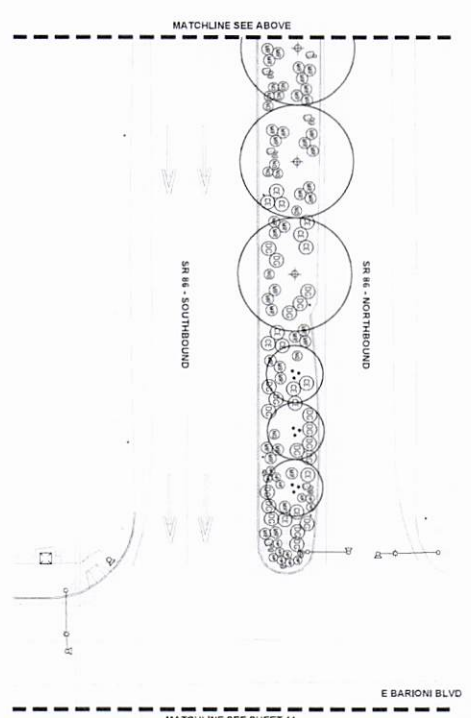
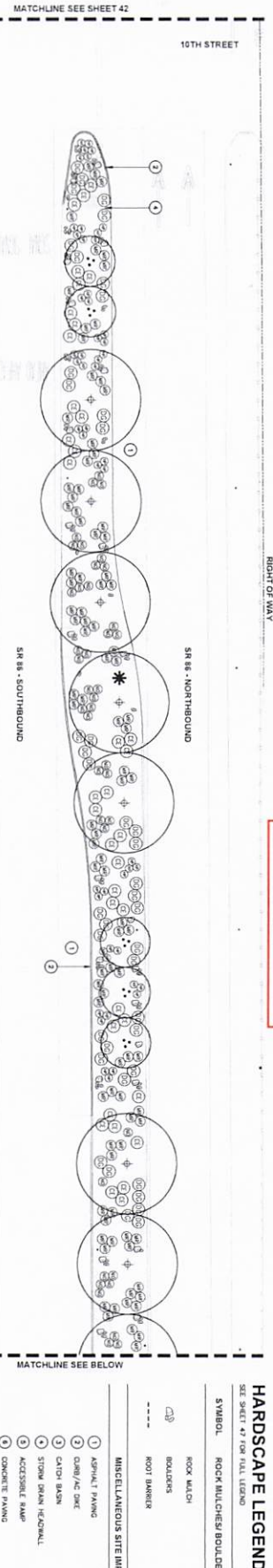
98TH STREET

99TH STREET

100TH STREET

- HARDSCAPE LEGEND**
SEE SHEET 47 FOR FULL LEGEND
- | SYMBOL | ROCK MULCHES/BOULDERS | DETAIL |
|--------|-----------------------|-------------|
| | ROCK MULCH | PER NOTE #2 |
| | BOULDERS | |
| | ROOT BARRIER | |
- MISCELLANEOUS SITE IMPROVEMENTS**
- | | | |
|--|----------------------|------------|
| | ASPHALT PAVING | PER O.V.L. |
| | CURB/AC CURB | PER O.V.L. |
| | CATCH BASIN | PER O.V.L. |
| | STORM DRAIN HEADWALL | PER O.V.L. |
| | ACCESSIBLE RAMP | PER O.V.L. |
| | CONCRETE PAVING | PER O.V.L. |
- PARTIAL PLANTING LEGEND**
SEE SHEET 47 FOR FULL LEGEND
- | SYMBOL | BOTANICAL / COMMON NAME | CONTAINER |
|--------|-------------------------|-----------|
| | WESTERN RED CEDAR | 36 BOX |
| | WESTERN WHITE PINE | 36 BOX |
| | WESTERN DOUGLASS PINE | 36 BOX |
| | WESTERN LARCH | 36 BOX |
| | WESTERN REDWOOD | 36 BOX |
| | WESTERN JUNIPER | 36 BOX |
| | WESTERN SAGE | 36 BOX |
| | WESTERN YEW | 36 BOX |
| | WESTERN RED CEDAR | 36 BOX |
| | WESTERN WHITE PINE | 36 BOX |
| | WESTERN DOUGLASS PINE | 36 BOX |
| | WESTERN LARCH | 36 BOX |
| | WESTERN REDWOOD | 36 BOX |
| | WESTERN JUNIPER | 36 BOX |
| | WESTERN SAGE | 36 BOX |
| | WESTERN YEW | 36 BOX |
- SHRUBS**
- | SYMBOL | BOTANICAL / COMMON NAME | CONTAINER |
|--------|-------------------------|-----------|
| | WESTERN RED CEDAR | 36 BOX |
| | WESTERN WHITE PINE | 36 BOX |
| | WESTERN DOUGLASS PINE | 36 BOX |
| | WESTERN LARCH | 36 BOX |
| | WESTERN REDWOOD | 36 BOX |
| | WESTERN JUNIPER | 36 BOX |
| | WESTERN SAGE | 36 BOX |
| | WESTERN YEW | 36 BOX |
- NOTES**
- PROVIDE IRRIGATION TO ALL PLANTING AREAS.
 - ALL PLANTING AREAS TO RECEIVE A 1" LAYER ROCK MULCH PER SPECIFICATIONS UNLESS OTHERWISE NOTED. SEE HARDSCAPE LEGEND FOR TYPE AND SIZE.
 - ROCK BARRIERS TO BE INSTALLED IN ALL INSTANCES WHERE A TREE WILL BE PLANTED WITHIN 5' OF ADJACENT CURBS, SIDEWALKS, WALLS OR ANY FLATWORK OR HARDSCAPE.
- * PERCOLATION/SOIL TEST LOCATION**

Exhibit 1



HARDSCAPE LEGEND

SYMBOL	DESCRIPTION	DETAIL
	ROCK MULCH	PER NOTE #1
	ROCK BALCONES BOULDERS	PER NOTE #1
	ROOT BARRIER	PER NOTE #1

MISCELLANEOUS SITE IMPROVEMENTS

1	ASPHALT PAVING	PER DWG.
2	CURB/AC DECK	PER DWG.
3	CATCH BASIN	PER DWG.
4	STORM DRAIN HEADWALL	PER DWG.
5	ACCESSIBLE RAMP	PER DWG.
6	CONCRETE PAVING	PER DWG.

PARTIAL PLANTING LEGEND

SYMBOL	BOTANICAL / COMMON NAME	CONTAINER
	LEUCOSPORA ROCK Y FANBERG	36" ROK
	CONCRETE CORAL WHITE	36" ROK
	LEUCOSPORA ROCK Y FANBERG	36" ROK
	LEUCOSPORA ROCK Y FANBERG	36" ROK

SYMBOL	BOTANICAL / COMMON NAME	CONTAINER
	SAVANNAH BURNING BIRD BARK FERN CENTER	3 GAL
	DAILA CRISTE	3 GAL
	TRAILING NODD NASH	3 GAL
	HE SPYGLASS PAPAVERA	3 GAL
	WHOLEBERRY MONDO	1 GAL
	DIER GARDEN	3 GAL
	MILKWEED STAINLESS STEEL FIB	3 GAL
	MILKWEED STAINLESS STEEL FIB	3 GAL

NOTES

- * RECOGNITION/SITE TEST LOCATION
- 1. PROVIDE IRRIGATION TO ALL PLANTING AREAS
- 2. ALL PLANTING AREAS TO RECEIVE A 5" LAYER ROCK MULCH PER SPECIFICATIONS UNLESS OTHERWISE NOTED SEE HARDSCAPE LEGEND
- 3. ROOT BARRIER SHALL BE INSTALLED IN ALL INSTANCES WHERE A TREE WILL BE PLANTED WITHIN 5' OF ADJACENT CURBS, SIDEWALKS, WALLS OR ANY FLATWORK OR LANDSCAPE.



NO.	REVISIONS	APPROVED	DATE

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph. (760) 365-4371 Fax. (760) 365-4718

BENCHMARK
BENCHMARK ELEVATION, LLC
ENGINEERING ARCHITECTURE

SPURLOCK
LANDSCAPE ARCHITECTURE
1430 E. BARRIONI BLVD
IMPERIAL, CA 92251
TEL: (760) 365-4718
WWW.SPURLOCKLA.COM

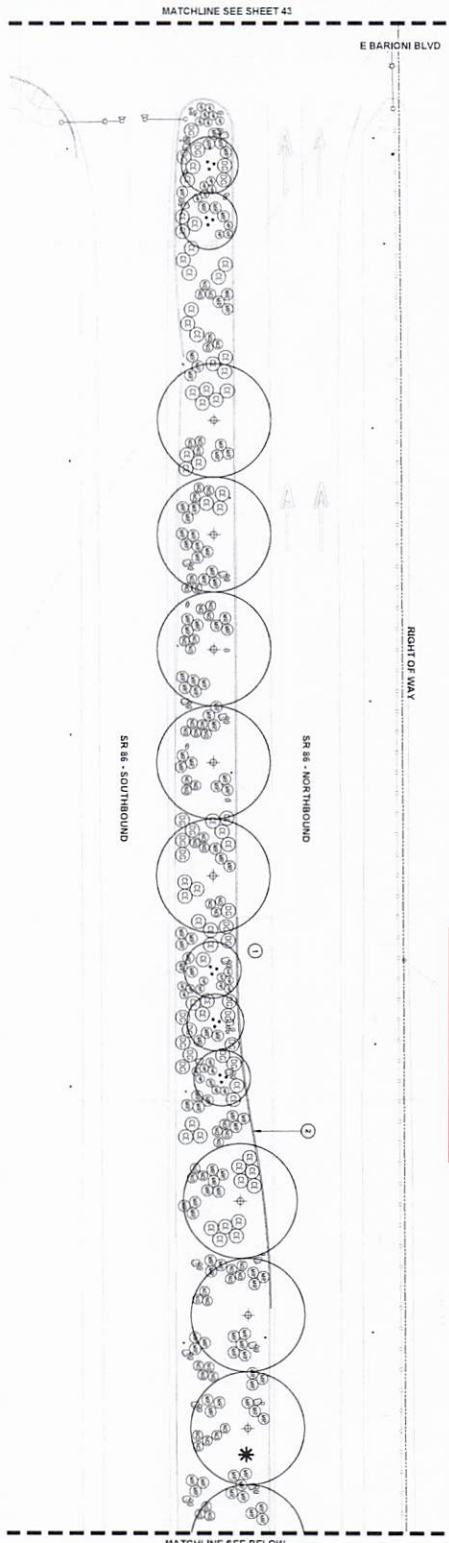
APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA

PREPARED UNDER THE DIRECT SUPERVISION OF
PROJECT TITLE: AHC-CANADA PHASE I IMPROVEMENTS
CITY OF IMPERIAL
PLANTING PLAN

SCALE: DRAWN BY: A4 & W5
RVS: DR: VZ
DATE: APRIL 2024

SHEET 43 OF 43 SHEETS
NO. 2024.01.01.01.01

Exhibit 1



HARDSCAPE LEGEND

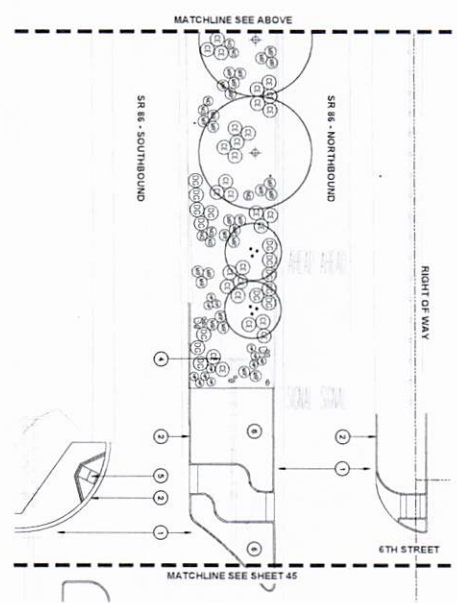
SYMBOL	ROCK MULCH/ROCK BOLLERS	DETAIL
	ROCK MULCH	PER CWT #1
	ROCK BOLLERS	PER CWT #2
	ROOT BARRIER	PER CWT #3

MISCELLANEOUS SITE IMPROVEMENTS

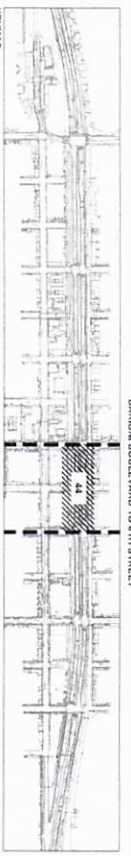
1	ASPHALT PAVING	PER CWT
2	CURB/PC DKE	PER CWT
3	CATCH BASIN	PER CWT
4	STEM BURN MESH/NET	PER CWT
5	ACCESSIBLE RAMP	PER CWT
6	CONCRETE PAVING	PER CWT

PARTIAL PLANTING LEGEND

SYMBOL	BOTANICAL / COMMON NAME	CONTAINER
	USDA'S PRUNELLA 'SHAKI'	3" BOX
	USDA'S LEBENIA 'LIP'	3" BOX
	USDA'S PRUNELLA 'SHAKI'	3" BOX
	USDA'S LEBENIA 'LIP'	3" BOX



- NOTES**
- * FIELD/NOV/2024 TEST LOCATION
 - 1. PROVIDE IRRIGATION TO ALL PLANTING AREAS
 - 2. ALL PLANTING AREAS TO RECEIVE A 3" LAYER ROCK MULCH PER SPECIFICATIONS UNLESS OTHERWISE NOTED SEE HARDSCAPE LEGEND
 - 3. ROOT BARRIER TO BE INSTALLED IN ALL INSTANCES WHERE A TREE WILL BE PLANTED WITHIN 5' OF ADJACENT CURBS, SIDEWALKS, WALLS OR ANY FLATWORK OR HARDSCAPE.



SPURLOCK
 2222 Eastman Street
 Suite 100
 San Diego, CA 92108
 Tel: 619.594.1000
 Fax: 619.594.1001

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

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the City of Imperial, California, this _____ day of _____, 2024.

2024
 City of Imperial
 222 - 7600

CPR
 SCALE: DRAWN BY: AS & WS
 REVISIONS: SHEET: 44
 OF 43 SHEETS
 APRIL 2024

CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 365-4371 Fax: (760) 365-4718

BENCHMARK
 BENCHMARK ELEVATION: _____
 BENCHMARK DESCRIPTION: _____

PREPARED UNDER THE DIRECT SUPERVISION OF
 PROJECT TITLE: AMICANHA PHASE II IMPROVEMENTS
 SHEET NO.: _____
 DATE: _____

PROJECT TITLE: AMICANHA PHASE II IMPROVEMENTS
 SHEET NO.: _____
 DATE: _____

PROJECT TITLE: AMICANHA PHASE II IMPROVEMENTS
 SHEET NO.: _____
 DATE: _____

PROJECT TITLE: AMICANHA PHASE II IMPROVEMENTS
 SHEET NO.: _____
 DATE: _____

NO. REVISIONS: APPROVED: DATE: _____

DESIGNED BY: _____
 CHECKED BY: _____
 DATE: _____

DESIGNED BY: _____
 CHECKED BY: _____
 DATE: _____

DESIGNED BY: _____
 CHECKED BY: _____
 DATE: _____

DESIGNED BY: _____
 CHECKED BY: _____
 DATE: _____

DESIGNED BY: _____
 CHECKED BY: _____
 DATE: _____

DESIGNED BY: _____
 CHECKED BY: _____
 DATE: _____

Exhibit 1

HARDSCAPE LEGEND

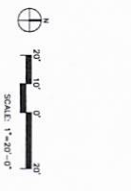
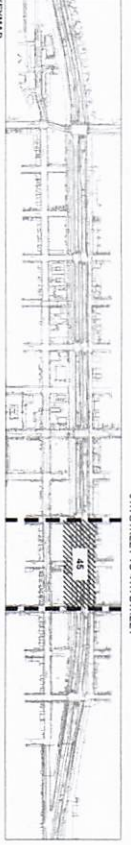
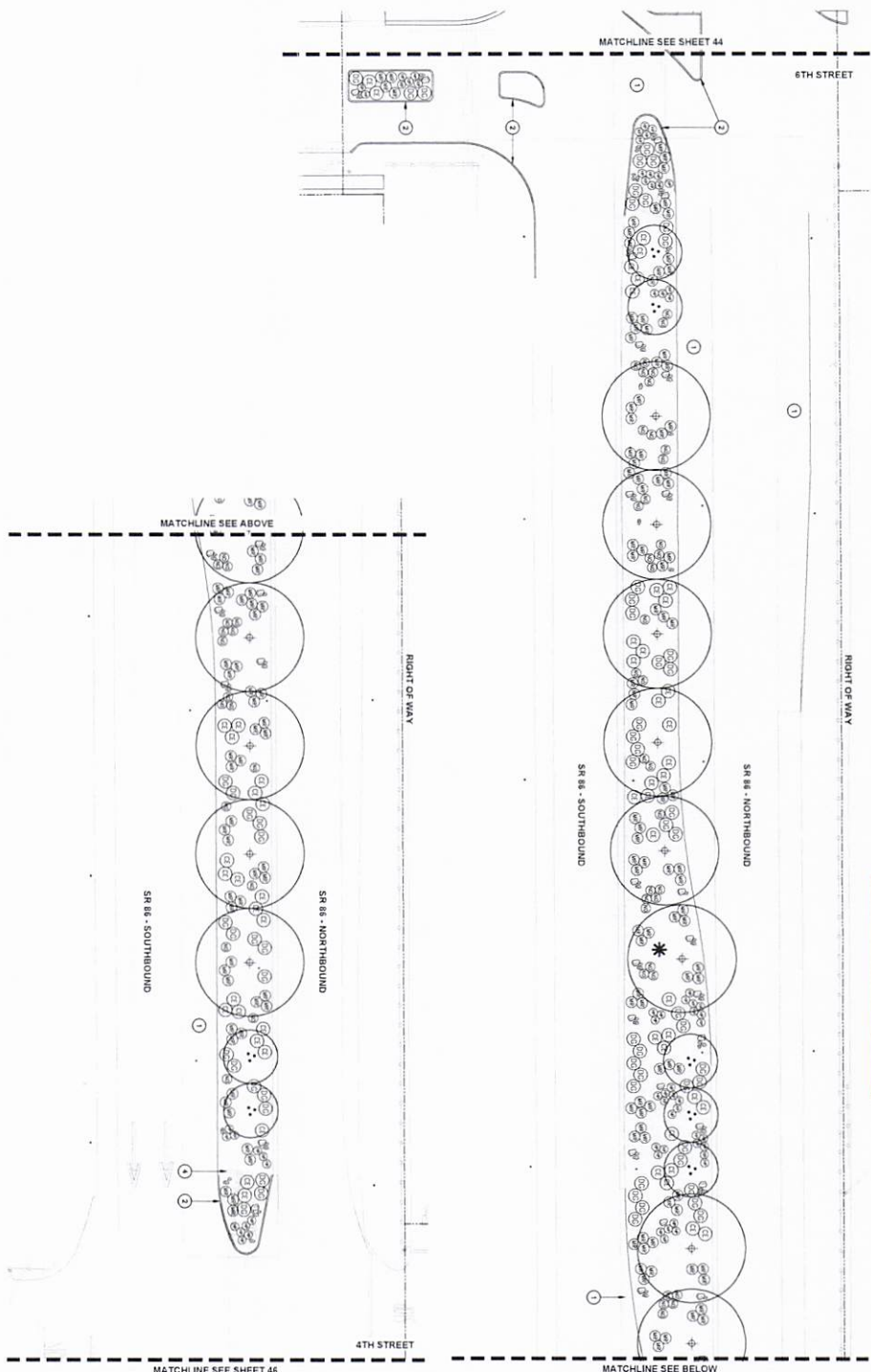
SYMBOL	ROCK MULCH/BOULDERS	DETAIL
	ROCK MULCH	PER NOTE #2
	BOULDERS	PER NOTE #2
	ROOT BARRIER	PER NOTE #2

MISCELLANEOUS SITE IMPROVEMENTS

	1 ASPHALT PAVING	PER CVM
	2 CURB/PC CURB	PER CVM
	3 CATCH BASIN	PER CVM
	4 STORM DRAIN	PER CVM
	5 ACCESSIBLE RAMP	PER CVM
	6 CONCRETE PAVING	PER CVM

PARTIAL PLANTING LEGEND

SYMBOL	BOTANICAL COMMON NAME	CONTAINER
	LAGERSTROMIA MOCOSI F. RUBRI "SUNRISE" ORANGE SPOTLE	36" BOX
	LAGERSTROMIA MOCOSI F. ORANGE "SUNRISE" ORANGE SPOTLE	36" BOX



SPURLOCK
CITY ENGINEER

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

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

NO SIGN SHALL BE PLACED ON ANY PUBLIC HIGHWAY OR STATE HIGHWAY WITHOUT THE WRITTEN PERMISSION OF THE CALIFORNIA HIGHWAY PATROL.

227 2900

COR

SCALE: DRAWN BY: J.M. & W.S. REVISION: 05-17-21 SHEET: 45 OF 45 SHEETS

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-4371 Fax: (760) 355-4718

BENCHMARK
BENCHMARK ELEVATION:
BENCHMARK DESCRIPTION:

SPURLOCK
CITY ENGINEER

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

NO SIGN SHALL BE PLACED ON ANY PUBLIC HIGHWAY OR STATE HIGHWAY WITHOUT THE WRITTEN PERMISSION OF THE CALIFORNIA HIGHWAY PATROL.

227 2900

COR

SCALE: DRAWN BY: J.M. & W.S. REVISION: 05-17-21 SHEET: 45 OF 45 SHEETS

NO REVISIONS

NO.	REVISIONS	APPROVED	DATE

LAU/UCR/ETD CHANGES & USE: The engineer preparing these plans shall not be responsible for or accept any liability for any errors or omissions in these plans, specifications, or designs, or for any consequences thereof, which may be required by the engineer of record.

Imperial
CITY OF IMPERIAL

SPURLOCK
CITY ENGINEER

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

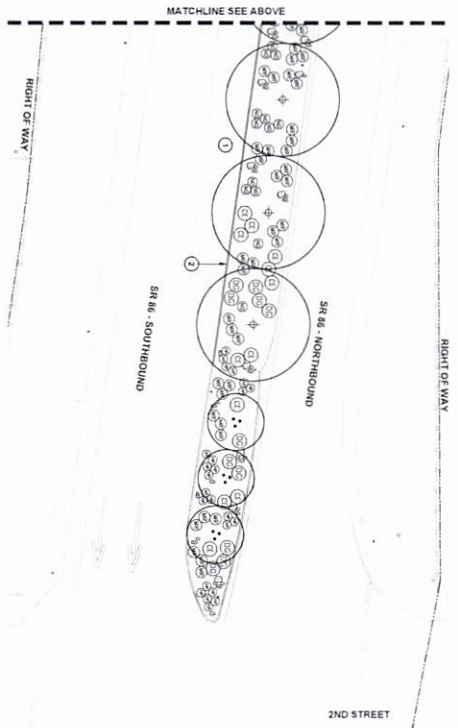
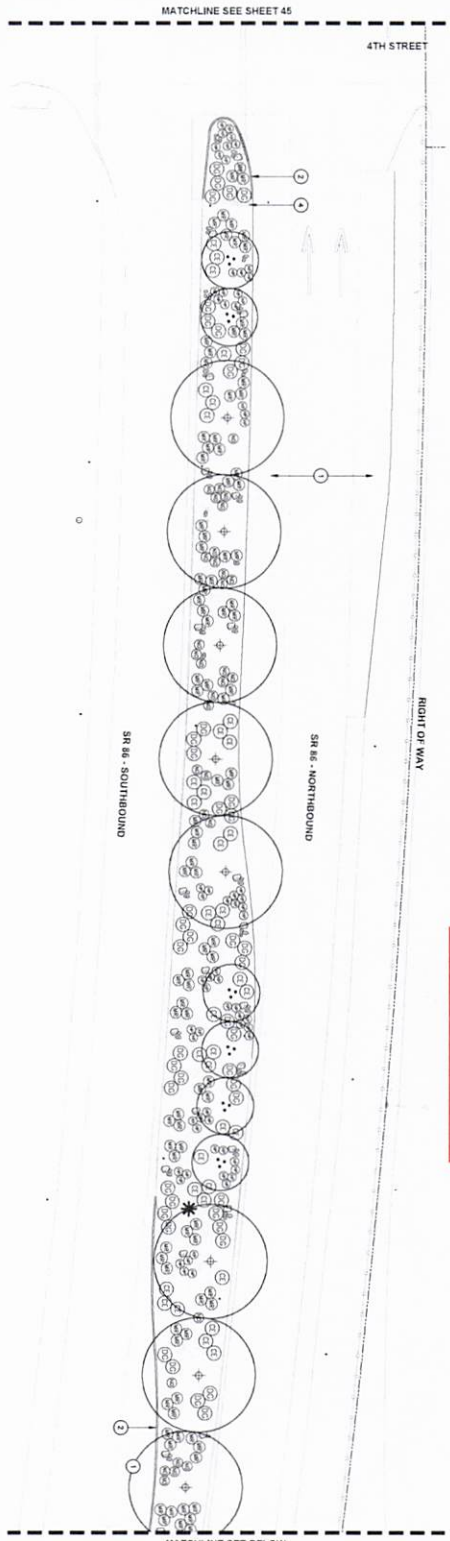
NO SIGN SHALL BE PLACED ON ANY PUBLIC HIGHWAY OR STATE HIGHWAY WITHOUT THE WRITTEN PERMISSION OF THE CALIFORNIA HIGHWAY PATROL.

227 2900

COR

SCALE: DRAWN BY: J.M. & W.S. REVISION: 05-17-21 SHEET: 45 OF 45 SHEETS

Exhibit 1



HARDSCAPE LEGEND

SYMBOL	DESCRIPTION	DETAIL
	ROCK MULCH	PER ONE
	BOULDERS	PER ONE
	ROOT BARRIERS	PER ONE

MISCELLANEOUS SITE IMPROVEMENTS

1	ADORN PLANTING	PER ONE
2	GRAB/AC CURB	PER ONE
3	CATCH BASIN	PER ONE
4	STORM DRAIN HEADWALL	PER ONE
5	ACCESSIBLE RAMP	PER ONE
6	CONCRETE PAVING	PER ONE

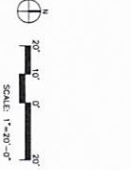
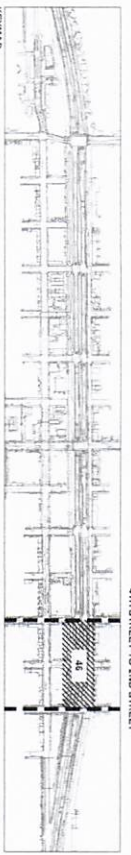
PARTIAL PLANTING LEGEND

SYMBOL	BOTANICAL / COMMON NAME	CONTAINER
	ADONISMA BUCKLEYANA	36" BOX
	ADONISMA BUCKLEYANA	36" BOX
	ADONISMA BUCKLEYANA	36" BOX

SYMBOL	BOTANICAL / COMMON NAME	CONTAINER
1	STAMENIA SP. SPERMATOPHYTES	3 GAL
2	HELIOPSIS SCUTELLARIA	3 GAL
3	HELIOPSIS SCUTELLARIA	3 GAL
4	HELIOPSIS SCUTELLARIA	3 GAL
5	HELIOPSIS SCUTELLARIA	3 GAL
6	HELIOPSIS SCUTELLARIA	3 GAL
7	HELIOPSIS SCUTELLARIA	3 GAL
8	HELIOPSIS SCUTELLARIA	3 GAL

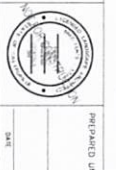
* FERTIGATION/ SOIL TEST LOCATION

- NOTES
1. PROVIDE IRRIGATION TO ALL PLANTING AREAS
 2. ALL PLANTING AREAS TO RECEIVE A 3" LAYER ROCK MULCH PER SPECIFICATIONS UNLESS OTHERWISE NOTED. SEE HARDSCAPE LEGEND FOR DETAILS.
 3. ROOT BARRIERS TO BE INSTALLED IN ALL INSTANCES WHERE A TREE OR ANY PLANTING ON HARDSCAPE.



CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph. (760) 355-4371 Fax. (760) 355-4718

BENCHMARK:
 ENGINEERING SOLUTIONS
 ENGINEERING SOLUTIONS



APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA

PROJECT TITLE: AHC-AMBA PHASE 1 IMPROVEMENTS
 SHEET NO: PLANTING PLAN

SCALE: DRAWN BY: M & WS
 REVISION BY: VJ
 SHEET NO: 46
 OF 45 SHEETS



Exhibit 1

HARDSCAPE LEGEND

SEE SHEET #2 FOR FULL LEGEND

SYMBOL	ROCK MULDERS/BOULDERS	DETAIL	DESCRIPTION	MANUFACTURER	MODEL
	ROCK Moulder	PER NOTE #2	3/4" ANGLE IRON ROCK Moulder, 3" THICK LAYER	LANDSCAPE ROCK SUPPLY, 760-427-9522	COLOR: TRB
	BOULDERS	TYPE 1 - 16", TYPE 2 - 24", TYPE 3 - 36"	LANDSCAPE ROCK SUPPLY, 760-427-9522		COLOR: TRB
	ROOT BARRIER		TYPE# 800-541-1222		MODEL: 800 BARBER

MISCELLANEOUS SITE IMPROVEMENTS

- ① ASPHALT PAVING PER OVL
- ② CONCRETE CURB AND GUTTER PER OVL
- ③ CATCH BASIN PER OVL
- ④ STORM DRAIN HEADWALL PER OVL
- ⑤ ACCESSIBLE PAVP PER OVL
- ⑥ CONCRETE PAVING PER OVL

* PARCOLATION/DR. TEST LOCATION

- NOTES
1. PROVIDE INDICATION TO ALL PLANTING AREAS
 2. INDICATE THE LOCATION OF THE PARCOLATION/DR. TEST LOCATION FOR EACH PLANTING AREA
 3. ROOT BARRIERS TO BE INSTALLED IN ALL INSTANCES WHERE A TREE OR SHRUB IS PLANTED OVER A CONCRETE, STONE, SIDEWALK, WALLS OR ANY FLATWORK ON HARDSCAPE.

FULL PLANTING LEGEND

SYMBOL	BOTANICAL / COMMON NAME	CONTAINER	MATURE SIZE	FORM	WATER USE	CITY
	WATERBURY WOOD Y FLOWER	36" BOX	20' - 30' H x 20' - 30' W	STANDARD	MODERATE	50
	WATERBURY WOOD Y FLOWER	36" BOX	20' - 30' H x 20' - 30' W	STANDARD	MODERATE	70
	WATERBURY WOOD Y FLOWER	36" BOX	20' - 30' H x 20' - 30' W	STANDARD	MODERATE	70

PLANTING NOTES

1. ALL LANDSCAPE AND IRRIGATION SHALL CONFORM TO THE STANDARDS OF THE CITY-WIDE LANDSCAPE REGULATIONS AND THE CITY OF IMPERIAL LANDSCAPE STANDARDS AND ALL OTHER LANDSCAPE RELATED CITY AND REGIONAL STANDARDS.
2. MAINTENANCE: ALL REQUIRED LANDSCAPE AREAS SHALL BE MAINTAINED BY OWNER. LANDSCAPE AND IRRIGATION AREAS IN THE PUBLIC RIGHT-OF-WAY SHALL BE MAINTAINED BY THE CITY OF IMPERIAL. MAINTENANCE SHALL BE PERFORMED ON A SCHEDULED BASIS TO MAINTAIN THE HEALTH AND VIGOR OF THE PLANTS. DURING DROUGHT CONDITIONS, DEFICED OR DEAD PLANT MATERIAL SHALL BE SUBSEQUENTLY TRIMMED OR REPLACED PER THE CONDITIONS OF THE PERMIT.
3. MULCH: ALL REQUIRED PLANTING AREAS AND ALL EXPOSED SOIL AREAS WITHIN VEGETATION SHALL BE COVERED WITH MULCH TO A MINIMUM DEPTH OF 3 INCHES.
4. TREES SHALL BE MAINTAINED SO THAT ALL BRANCHES OVER RECREATIONAL WALKWAYS ARE 8 FEET ABOVE THE WALKWAY GRADE AND BRANCHES OVER VEHICULAR TRAVEL AREAS ARE 15 FEET ABOVE THE GRADE OF TRAVEL WAY.
5. ALL PLANTING SHALL COMPLY WITH THE STANDARDS OF THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) FOR TREE CARE OPERATIONS AND INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) FOR TREE PLANNING. CHANGING OF TRUNKS IS NOT PERMITTED.
6. IF ANY REQUIRED LANDSCAPE INDICATED ON THE APPROVED CONSTRUCTION DOCUMENTS IS DAMAGED OR REMOVED, IT SHALL BE REPLACED AND/OR REPLANTED IN KIND AND EQUIVALENT SIZE PER THE APPROVED DOCUMENTS TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DEPARTMENT WITHIN 30 DAYS OF DAMAGE.

SPURLOCK
LANDSCAPE ARCHITECTS

11222 E. IMPERIAL AVENUE
IMPERIAL, CA 92251
TEL: (760) 949-1234
WWW.SPURLOCKLANDSCAPE.COM

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA

PREPARED UNDER THE DIRECT SUPERVISION OF
LANDSCAPE ARCHITECT

PROJECT TITLE: CITY OF IMPERIAL
ARIZONA PHASE IMPROVEMENTS

DATE: _____

SCALE: DRAWN BY: AK & WS
REVISION BY: VI
APRIL 2024

SHEET 47 OF 49 SHEETS
NO. 17.0 (1.1)

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
PH: (760) 355-4371 FAX: (760) 355-4718

BENCHMARK
BENCHMARK ELEVATION: _____
BENCHMARK DESCRIPTION: _____

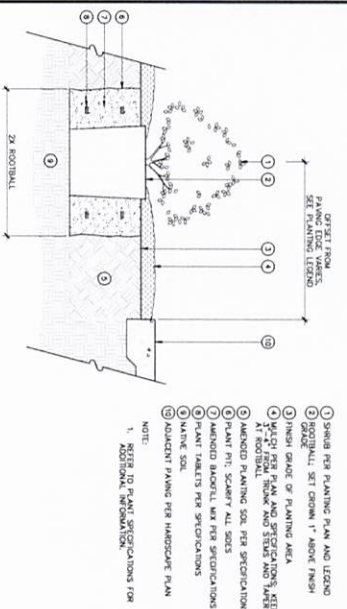
CORPORATE SEAL

CORPORATE SEAL

CORPORATE SEAL

CORPORATE SEAL

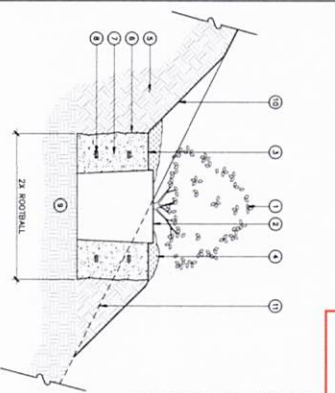
Exhibit 1



- 1 SHRUB PER PLANTING PLAN AND LEGEND
 - 2 ROOTBALL, SET DOWN 1" ABOVE FINISH
 - 3 FINISH GRADE OF PLANTING AREA
 - 4 MATCH PER PLAN AND SPECIFICATIONS, KEEP AT ROOTBALL, TRIM AND STAKES AND TAPER
 - 5 AMENDED PLANTING SOIL PER SPECIFICATIONS
 - 6 AMENDED BACKETT MIX PER SPECIFICATIONS
 - 7 PLANT PIT, SCAFFRY ALL SOILS
 - 8 PLANT TABLETS PER SPECIFICATIONS
 - 9 PLANTING SOIL
 - 10 ADJACENT FINING PER HARDSCAPE PLAN
- NOTE:
1. REFER TO PLANT SPECIFICATIONS FOR ADDITIONAL INFORMATION

1 SHRUB - LEVEL

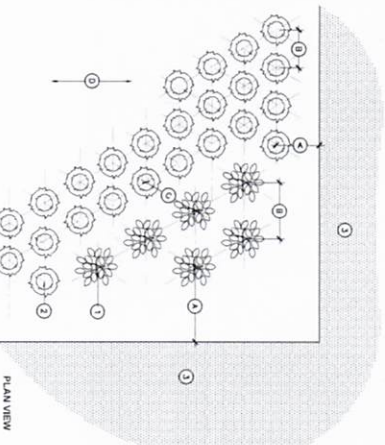
SCALE: N15



- 1 SHRUB PER PLANTING PLAN AND LEGEND
 - 2 ROOTBALL, SET DOWN 1" ABOVE FINISH
 - 3 FINISH GRADE OF PLANTING AREA
 - 4 MATCH PER PLAN AND SPECIFICATIONS, KEEP AT ROOTBALL, TRIM AND STAKES AND TAPER
 - 5 AMENDED PLANTING SOIL PER SPECIFICATIONS
 - 6 AMENDED BACKETT MIX PER SPECIFICATIONS
 - 7 PLANT PIT, SCAFFRY ALL SOILS
 - 8 PLANT TABLETS PER SPECIFICATIONS
 - 9 PLANTING SOIL
 - 10 ADJACENT FINING PER HARDSCAPE PLAN
- NOTE:
1. REFER TO PLANT SPECIFICATIONS FOR ADDITIONAL INFORMATION

2 SHRUB ON SLOPE

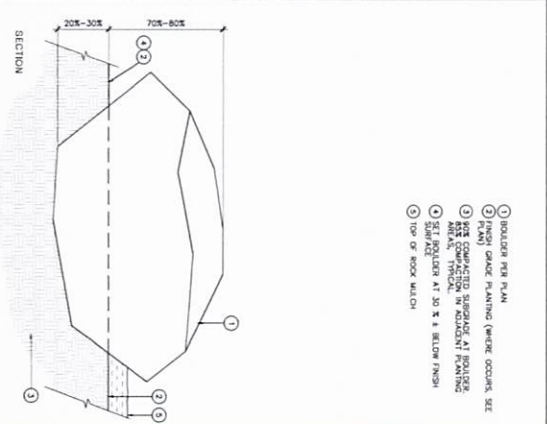
SCALE: N15



- 1 PLANT TYPE 1
- 2 PLANT TYPE 2
- 3 ADJACENT FINING, WALL, OR OTHER OBSTRUCTION
- 4 OFFSET DISTANCE FROM CENTER CORNER DISTANCE UNLESS THE PLANT TYPE IS NOT TO LEGEND
- 5 ADJACENT FINING, DISTANCE TO LEGEND
- 6 OFFSET DISTANCE FROM CENTER CORNER DISTANCE UNLESS THE PLANT TYPE IS NOT TO LEGEND
- 7 OFFSET DISTANCE FROM CENTER CORNER DISTANCE UNLESS THE PLANT TYPE IS NOT TO LEGEND

3 PLANT SPACING OFFSET

SCALE: N15



- 1 BOULDER PER PLAN
- 2 FINISH GRADE PLANTING (WHERE OCCURS, SET PER SPECIFICATIONS)
- 3 PER COMPACTED SUBGRADE AT BOULDER PER SPECIFICATIONS IN ADJACENT FINING
- 4 SET BOULDER AT 2" ± BELOW FINISH SURFACE
- 5 TOP OF ROCK MATCH

4 BOULDER

SCALE: N15

NO. REVISIONS	APPROVED	DATE			
CITY OF IMPERIAL 420 South Imperial Avenue Imperial, CA 92251 Ph: (760) 355-4371 Fax: (760) 355-4718					
SPURLOCK CONSULTANTS 1222 Broadway Street San Francisco, CA 94133 (415) 431-2300 spurlock.com					
APPROVED BY DIRECTOR OF PUBLIC WORKS CITY OF IMPERIAL, CA _____ DATE: _____					
PREPARED UNDER THE DIRECT SUPERVISION OF _____ DATE: _____					
PRODUCT TITLE: CITY OF IMPERIAL PROJECT: ANACIANA PHASE I IMPROVEMENTS SHEET COUNTY: PLANTING DETAILS					
SCALE: _____ DRAWN BY: M & WS REVISION BY: VZ DATE: APRIL 2024 SHEET NO. 48 TOTAL SHEETS: 69					

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or any liability incurred by, the contractor if these plans are changed or used for any purpose other than that intended by the engineer.

