

DATE SUBMITTED 4/4/25
 SUBMITTED BY Public Services
 DATE ACTION REQUIRED 4/16/25

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

**IMPERIAL CITY COUNCIL
 AGENDA ITEM**

SUBJECT: DISCUSSION/ACTION: I. Adopt Plans and Specifications and Authorize Public Bidding for the Aten Road Sewer Line Replacement Project Phase 2 From Preble Road to the Claypool Pump Station in the City of Imperial; Bid-2025-06	
DEPARTMENT INVOLVED: Public Services	
BACKGROUND/SUMMARY: The city recently completed Phase 1 of the Aten Road Sewer Line Replacement Project, which included a 21-inch diameter PVC sewer pipeline and manholes from Shiloh Road to Preble Road. This project will continue the 21-inch diameter sewer pipeline from Preble Road to the Claypool Pump Station. The Claypool Pump station will be relocated and the concrete wet well will be replaced. The existing wet well is six feet in diameter, and the new wet well will be 12 feet in diameter to allow for more storage capacity for the pumps. The 21-inch sewer pipeline is designed to reduce the impact to traffic at the intersection of Old Hwy 86 and Aten Blvd. and reduce costs as much as possible. The project will bid in accordance with the Public Contract Code (PCC). The project plans and specifications will be on file with the City Clerk at City Hall located at 420 S. Imperial Ave, Imperial, CA 92251.	
FISCAL IMPACT: NOT TO EXCEED Funds to cover associated costs will be expended from enterprise funds. Project is in the FY 24-25 Capital Improvement Plan. CIP Project No. 848, Claypool Sewer Pipe - \$2,500,000	FINANCE INITIALS <u>JMS</u>
STAFF RECOMMENDATION: approve request	DEPT. INITIALS <u>[Signature]</u>
MANAGER'S RECOMMENDATION: <u>approve</u>	CITY MANAGER'S INITIALS <u>[Signature]</u>
MOTION: SECONDED: APPROVED () REJECTED () AYES: DISAPPROVED () DEFERRED () NAYES: ABSENT: REFERRED TO:	

CITY OF IMPERIAL

NOTICE INVITING SEALED BIDS

Aten Road and Imperial Ave. Sewer Line Replacement Project Phase 2 in the City of Imperial

BID NO. 2025-06

PUBLIC NOTICE IS HEREBY GIVEN that the City of Imperial, as CITY, invites sealed bids for the above stated project and will receive such bids in the offices of the City Clerk at 420 S. Imperial Avenue, Imperial, California 92251 up to the hour of **3:00 P.M. Thursday, May 22, 2025**, at which time they will be publicly opened and read aloud. A bid summary will then be prepared and posted.

A **Non-Mandatory** Pre-Bid meeting will be conducted at **10:00 AM on Tuesday, May 6, 2025** at City Hall located at 420 S. Imperial Ave., Imperial, California 92251 to be followed by a Field Walkthrough at the project site.

The work to be done consists of furnishing all materials, equipment, tools, labor and incidentals as required by the contract documents for the construction and installation of a new sewer main pipeline, new sewer manholes and new pump station wet well. The project will also include connecting existing sewer collection system to new sewer main pipeline, new perimeter block wall at new pump station location, other improvements and traffic control around the construction zones. Materials testing will be provided by the CITY.

Bid packages are available at City Hall, 420 S. Imperial Avenue, Imperial, California 92251 upon payment of a \$85.00 non-refundable fee (\$100.00 if mailed). Only those firms who have purchased the bid documents will be provided any addendums that may be issued for this project prior to the bid opening date.

Any contract entered into pursuant to this notice will incorporate the provisions of the State Labor Code of the State of California. Compliance with the State prevailing rates of wages and apprenticeship employment standards established by the State director of Industrial Relations will be required. Affirmative action to ensure against discrimination in employment practices on the basis of race, color, national origin, ancestry, sex, or religion will also be required.

This project is funded with local funds and does not have a specific contract Disadvantaged Businesses Enterprises (DBE) Contract Goal.

The Contractor's compliance with Executive Order 11246 and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals established for the geographical area where the contract resulting from the solicitation is to be performed. The hours of minority and female employment and training must be substantially uniform through the duration of the contract, and in each trade, and the Contractor shall make a good faith effort to employ women and minority individuals evenly on each of its projects.

The transfer of minority or female employees or trainees from contractor to contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order, and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

Each bid must be accompanied by a guaranty of cash, certified check, cashier's check or bid bond made payable to the City of Imperial for an amount equal to at least ten percent (10%) of the bid. Such guaranty to be forfeited should the bidder to whom the contract is

awarded fails to enter the contract. All guaranties to be returned after the contract is awarded.

In conformance with the State of California Public Contract Code Section 22300, the contractor may substitute securities for any funds withheld by the City to ensure performance under the contract.

At request and expense of the contractor, securities equivalent to the amount withheld shall be deposited with the City or with a State or Federally chartered bank as the escrow agent who shall pay such funds to the contractor upon notification by the City of contractor's satisfactory completion of contract.

The type of securities deposited and the method of release shall be approved by the City Attorney's office.

As used in this notice, and in the contract resulting from this solicitation, the "covered area" is in the City of Imperial in Imperial County, State of California.

The contract documents call for monthly payments based upon the engineer's estimate of the work completed. The City of Imperial will retain five (5) percent of each progress payment as security for completion of the balance of the work. At the request and expense of the successful bidder, the City will pay the amounts so retained upon compliance with the requirements of Public Contract Code Section 22300 and the provisions of the contract documents pertaining to Substitution of Securities.

Bids must be prepared on the approved proposal forms in conformance with the Instructions to Bidders and submitted in a sealed envelope plainly marked on the outside;

ATTN: CITY CLERK: SEALED BID FOR:

Imperial Ave. and Aten Rd Sewer Improvements Project Phase 2, in the City of Imperial

BID NO. 2025-06

The Proposal should be delivered in a sealed envelope no later than 3:00 P.M. **Thursday, May 22, 2025**, addressed as follows:

Jenell Guerrero
City of Imperial • Public Services Department
420 S. Imperial Avenue, Imperial, CA 92251

Questions concerning the proposal should be directed to David Dale, PE with the City of Imperial at (760) 355-3336 or via email: ddale@cityofimperial.org.

Clarification desired by a proposer shall be requested in writing with sufficient time to allow for a response prior to the date RFPs are due. Oral explanation or instructions shall not be considered binding on behalf of the City.

Any modifications to this solicitation will be issued by the City as a written addendum.

The City will not consider proposals received after the specified time and date.

This RFP does not commit the City of Imperial to award a contract or pay any costs associated with the preparation of a Proposal.

The City of Imperial reserves the right to reject any or all bids, to award each item separately, delete portions of the work, and/or waive any informality on any bid. No bid may be withdrawn for 60 days after the time set for the opening thereof.

Failure by the successful bidder to enter into a contract with the City or to deliver goods and/or services in accordance with the bid may result in a declaration by the City that the bidder is not a responsible bidder, and elimination from consideration in future bidding.

No contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1 (a)]. No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations. Any bid submitted by a contractor or subcontractor not properly licensed and not registered with the Department of Industrial Relations shall be considered non-responsive and will be rejected.

At the time of contract award, the prime contractor shall possess a Class "A" contractor's license and/or any combination of "C" specialty contractor's license(s) sufficient to perform the work.

Dated this _____ day of _____, 2025.

By: _____
Kristina Shields – City Clerk

City of Imperial
420 S. Imperial Avenue
Imperial, CA 92251
(760) 355-4373

CITY OF IMPERIAL

INSTRUCTIONS TO BIDDERS

Imperial Ave. and Aten Rd Sewer Improvements Project Phase 2, in the City of Imperial

BID NO. 2025-06

PROPOSAL FORMS

Bids shall be submitted in writing on the Bid Proposal forms provided by the CITY. All information requested therein must be clearly and legibly set forth in the manner and form indicated. The CITY will not consider any bid proposal not meeting these requirements and/or not submitting all forms requested herein.

PROPOSAL GUARANTEE (BID BOND)

Proposals must be accompanied by a proposal guarantee consisting of a certified check or bid bond payable to the CITY in the amount of (10%) of the total amount Bid. Any proposal not accompanied by such a guarantee will not be considered. If a bidder to whom a contract is awarded fails or refuses to execute the contract documents or furnish the required insurance policies and bonds as set forth in those documents, the proposal guarantee shall be forfeited to the CITY. The proposal guarantees of all bidders will be held until the successful bidder has properly executed all contract documents.

NON-COLLUSION AFFIDAVIT

Bidder shall declare that the only persons or parties interested in the proposal as principals are those named therein; that no officer, agent, or employee of the CITY is personally interested, directly or indirectly, in the proposal; that the proposal is made without connection to any other individual, firm, or corporation making a bid for the same work; and that the proposal is in all respects fair and without collusion or fraud. The Non-Collusion Affidavit shall be executed and submitted with the proposal.

PROPOSAL BID SHEET

Bidders shall give unit prices for each and all of the items set forth. No aggregate bids will be considered. The bidder shall set forth for each item of work, in clearly legible figures, a unit item price and a total for the item in the respective spaces provided for this purpose. The quantities listed in the Bid sheets are supplied to give an indication of the general scope of work, but the accuracy of figures is not guaranteed and the bidder shall make his own estimates from the drawings. In case of a variation between the unit price and the totals shown by the bidder, the unit price will be considered to be the bid.

No bidder may withdraw his proposal for a period of sixty (60) days after the time set for opening thereof. However, the CITY will return all proposal guarantees within ten (10) days after the award of the contract or rejection of the bids, as the case may be, to the respective bidders whose proposals they accompany.

DELIVERY OF PROPOSAL

Proposals may be mailed or delivered by messenger. However, it is the bidder's responsibility alone to ensure delivery of the proposal to the hands of the CITY's designated official prior to the bid opening hour stipulated in the "Notice Inviting Sealed Bids." Late proposals will not be considered. Proposals shall be enclosed in a sealed envelope plainly marked on the outside,

**ATTN: CITY CLERK: SEALED BID FOR:
Imperial Ave. and Aten Rd Sewer Improvements Project Phase 2, in the City of Imperial
BID NO. 2025-06**

WITHDRAWAL OF PROPOSALS

A proposal may be withdrawn by a written request signed by the bidder. Such requests must be delivered to the CITY's designated official prior to the bid opening hour stipulated in the "Notice Inviting Sealed Bids". The withdrawal of a proposal will not prejudice the right of the bidder to submit a new proposal, providing there is time to do so. Proposals may not be withdrawn after said hour without forfeiture of the proposal guarantee.

IRREGULAR PROPOSALS

Unauthorized conditions, limitations, or provisions attached to a proposal will render it irregular and may cause its rejection. The completed proposal forms shall be without interlineations, alterations, or erasures. Alternative proposals will not be considered unless specifically requested. No oral, telegraphic, or telephonic proposal, modification, or withdrawal will be considered.

TAXES

No mention shall be made in the proposal of Sales Tax, Use Tax, or any other tax, as all amounts bid will be deemed and held to include any such taxes, which may be applicable.

DISQUALIFICATION OF BIDDERS

In the event that any bidder acting as a prime contractor has an interest in more than one proposal, all such proposals will be rejected, and the bidder will be disqualified.

This restriction does not apply to subcontractors or suppliers who may submit quotations to more than one bidder, and while doing so, may also submit a formal proposal as a prime contractor.

No contract will be executed unless the bidder is licensed in accordance with the provisions of the State Business and Professions Code.

INTERPRETATION OF PLANS AND DOCUMENTS

If any person contemplates submission of a bid for the proposed contract and is in doubt as to the true meaning of any part of the services to be performed, he may submit to the Engineer of the CITY a written request for an interpretation or correction thereof. The person submitting the request will be responsible for its prompt delivery.

Any interpretation or correction of the proposed documents shall be made only by addendum duly issued and copy of such addendum will be mailed or delivered to each person receiving a set of such documents.

The Engineer will not be responsible for any other explanation or interpretations of the proposed documents.

ADDENDA OR BULLETINS

All bidders are advised as to the possibility of issuance of addenda affecting the items, scope or quantity of the work required for this project. Each bidder shall be fully responsible for informing himself as to whether or not any such addenda have been issued. The effect of all addenda to the Contract Documents shall be considered in the bid, and said addenda shall be made a part of the contract documents and shall be returned with them. Failure to cover in his bid any such addenda issued may render his bid irregular and may result in its rejection by the CITY.

LEGAL RESPONSIBILITIES

All proposals must be submitted, filed, made, and executed in accordance with State and Federal laws relating to bids for contracts of this nature whether the same are expressly referred to herein or not.

Any Bidder submitting a proposal shall by such action thereby agree to each and all of the terms, conditions, provisions, and requirements set forth, contemplated, and referred to in the Contract Documents, and to full compliance therewith.

AWARD OF CONTRACT

Following a review of the bids, the CITY shall determine whether to award the contract or to reject all bids. The award of contract, if made, will be to the lowest responsible Bidder as determined solely by the CITY. At the time of contract award, the successful Bidder shall hold a Class A Contractors License or a combination of Class C license(s), as required to perform the work, issued by the State of California.

Additionally, the CITY reserves the right to reject any or all proposals, to accept any bid or portion thereof, to waive any irregularity, and to take the bids under advisement for the period of time stated in the "Notice Inviting Sealed Bids", all as may be required to provide for the best interests of the CITY. In no event will an award be made until all necessary investigations are made as to the responsibility and qualifications of the Bidder to whom the award is contemplated.

No bidder may withdraw his proposal for a period of sixty (60) days after the time set for opening thereof. However, the CITY will return all proposal guarantees within ten (10) days after the award of the contract and execution of the contract documents or rejection of the bids, as the case may be, to the respective bidders whose proposals they accompany.

LABOR CODE

Pursuant to the provisions of Section 1773 of the Labor Code of the State of California (herein referred to as Labor Code), the CITY has obtained the general provisions rate of per diem wages and the general prevailing rate for holiday and overtime work in this locality for each craft, classification or type of workman needed to execute the contract from the Director of the Department of Industrial Relations. These rates are on file with the Clerk of the CITY.

Travel and subsistence payments to each workman needed to execute the work shall be made as such travel and subsistence payments are defined in the applicable collective bargaining agreements filed in accordance with Section 1773.8 of the Labor Code.

The Contractor shall comply with the provisions of Section 1774 of the Labor Code. Failure to comply with the subject section will subject the Contractor to penalty and forfeiture provisions of Section 1775 of the Labor Code.

Pursuant to the provisions of Section 1770 of the Labor Code, the general prevailing rate of wages has been ascertained (which rate includes employer payments for health and welfare, vacation, pension and similar purposes) applicable to the work to be done, for straight time, overtime, Saturday, Sunday and holiday work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of workmen concerned.

The CITY will not recognize any claim for additional compensation because of the payment by the Contractor of any wage rate in excess of the prevailing wage rate set forth in the contract. The possibility of wage increases is one of the elements to be considered by the Contractor in determining his bid, and will not under any circumstances be considered as the basis of a claim against the CITY on the contract.

The CONTRACTOR and subcontractors shall comply with Section 1777.6 of the Labor Code which stipulates that it shall be unlawful to refuse to accept otherwise qualified employees as registered apprentices solely on the grounds of race, religious creed, color, national origin, ancestry, sex, or age, of such employee, except as provided in Section 3077 of the Labor Code.

WORKMAN'S COMPENSATION CERTIFICATE

Section 3700 of the Labor Code requires that every employer shall secure the payment of compensation by either being insured against liability to pay compensation with one or more insurers or by securing a certificate of consent to self-insure from the State Director of Industrial Relations.

In accordance with this section and with Section 1861 of the Labor Code, the contractor shall sign a Compensation Insurance Certificate, which is included with the Contract Agreement, and submit same to City along with the other required contract documents, prior to performing any work. Reimbursement for this requirement shall be considered as included in the various items of work.

CLAYTON ACT AND CARTWRIGHT ACT

Section 4551 of the State Government Code specifies that in executing a public works contract with the CITY to supply goods, services or materials, the Contractor or Subcontractor offers and agrees to assign to the CITY all rights, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 commencing with Sec. 16700) of Part 2 of Division 7 of the Business and Professions Code, arising from purchase of goods, services or materials pursuant to the contract or subcontract. This assignment shall become effective when the CITY tenders final payment to the Contractor without further acknowledgment by the parties.

SUBSTITUTION OF SECURITIES

In conformance with the State of California Public Contract Code Section 22300, the contractor may substitute securities for any funds withheld by the CITY to ensure performance under the contract.

At the request and expense of the contractor, securities equivalent to the amount withheld shall be deposited with the City or with a State or Federally chartered bank as the escrow agent who shall pay such funds to the contractor upon notification by CITY of Contractor's satisfactory completion of the contract.

The type of securities deposited and the method of release shall be approved by the City Attorney's office.

SUBLETTING AND SUBCONTRACTING

Pursuant to the Subletting and Subcontracting Fair Practices Act (commencing with Section 4100 of the Government Code), bidders are required to list in their proposal the name and location of place of business of each subcontractor who will perform work or labor or render services in or about the construction of the work or improvement or a subcontractor who specially fabricates and installs a portion of the work or improvement according to detailed drawings contained in the Plans and Specifications in excess of 1/2 of 1% of this prime contractor's total bid. Failure to list a subcontractor for a portion of the work means that the prime contractor will do that portion of the work. It is the Agency's intent for the Subletting and Subcontracting Fair Practices Act to apply to all phases of the work.

CITY BUSINESS LICENSE

The Contractor shall obtain a City of Imperial Business License prior to the City's issuing the Notice to Proceed. The annual fee for the Business License is ninety-six dollars (\$96.00).

CITY OF IMPERIAL
BID PROPOSAL
For

Imperial Ave. and Aten Rd Sewer Improvements Project Phase 2, in the City of Imperial
BID NO. 2025-06

TO CITY OF IMPERIAL, as CITY:

In accordance with CITY's "Notice Inviting Sealed Bids", the undersigned BIDDER hereby proposes to furnish all materials, equipment, tools, labor, and incidentals required for the above stated project as set forth in the Contract Documents, and to perform all work in the manner and time prescribed.

BIDDER declares that this proposal is based upon careful examination of the work site, Plans, Specifications, Instructions to Bidders, and Contract Documents. If this proposal is accepted for award, BIDDER agrees to enter into a contract with the CITY at the unit and/or lump sum prices set forth in the following Proposal Bid Sheet. BIDDER understands that failure to enter into a contract in the manner and time prescribed will result in forfeiture to the CITY of the Bid Bond accompanying this proposal.

BIDDER understands that a bid is required for the entire work that the estimated quantities set forth in the Proposal Bid Sheet are solely for the purpose of comparing bids, and that final compensation under the contract will be based upon the actual quantities of work satisfactorily completed. It is agreed that the unit and/or lump sum prices bid include all appurtenant expenses, taxes, royalties, and fees. In the case of discrepancies in the amounts bid, unit prices shall govern over extended amounts.

BIDDER agrees and acknowledges that he is aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for workman's compensation or to undertake self-insurance in accordance with the provisions of that code, and that the BIDDER will comply with such provisions of that code before commencing the performance of this Contract if awarded it.

BIDDER certifies that in all previous contracts or subcontracts, all reports which may have been due under the requirements of any agency, State, or Federal equal employment opportunity orders have been satisfactorily filed, and that no such reports are currently outstanding.

BIDDER declares that the only persons or parties interested in this proposal as principals are those named herein; that no officer, agent, or employee of the CITY is personally interested, directly or indirectly, in this proposal; that this proposal is made without connection to any other individual, firm, or corporation making a bid for the same work; and that this proposal is in all respects fair and without collusion or fraud.

BIDDER certifies that affirmative action has been taken to seek out and consider disadvantaged business enterprises for those portions of the work to be subcontracted, and that such affirmative actions have been carefully documented, that said documentation is open to inspection, and that said affirmative action will remain in effect for the life of any contract awarded hereunder. Furthermore, BIDDER certifies that affirmative action will be taken to meet all equal employment opportunity requirements of the contract documents.

DATED: _____, 2025

BIDDER: _____

BIDDER'S ADDRESS:

BY: _____

TITLE: _____

TELEPHONE #: _____

FAX #: _____

BIDDER 'S INFORMATION

BIDDER certifies that the following information is true and correct:

Bidder's Name _____

Business Address _____

Telephone _____

State Contractor's License No. and Class _____

Original Date Issued _____ Expiration Date _____

The following are the names, titles, addresses, and phone numbers of all individuals, firm members, partners, joint ventures, and/or corporate officers having a principal interest in this proposal:

The dates of any voluntary or involuntary bankruptcy judgments against any principal having an interest in this proposal are as follows:

All current and prior DBA's, alias, and/or fictitious business names for any principal having an interest in this proposal are as follows:

CONTRACTOR'S LICENSING STATEMENT

The undersigned is licensed in accordance with the laws of the State of California providing for the registration of Contractors.

Contractor's License Number: _____

Name of Individual Contractor (Print or type): _____

Signature of Owner: _____

Business Address: _____

Or

Name of Firm: _____

Business Address: _____

Name: _____ Title: _____

Address: _____

Or

Name of Corporation: _____

Corporation Address: _____

Corporation organized under the laws of the State of _____

Signature of President of Corporation

Signature of Secretary of Corporation

LIST OF SUBCONTRACTORS

BIDDER proposes to subcontract certain portions of the work, and to procure materials and equipment from suppliers and vendors as follows:

Name Under Which Subcontractor Is Licensed	Specific License of No.	Address Office Mill/Shop	Percent of Total Contract	Description of Subcontract

REFERENCES

The following are the names, addresses, and phone numbers for three public agencies for which BIDDER has performed similar work within the past two years:

DESIGNATION OF SURETIES

The following are the names, addresses, and phone numbers for all brokers and sureties from whom BIDDER intends to procure insurance and bonds:

CITY OF IMPERIAL

BID BOND

Imperial Ave. and Aten Rd Sewer Improvements Project Phase 2, in the City of Imperial
BID NO. 2025-06

KNOW ALL MEN BY THESE PRESENTS that _____,
as BIDDER, and _____,
as SURETY, are held and firmly bound unto the CITY OF IMPERIAL, as CITY, in the penal
sum of _____
dollars (\$ _____), which is ten percent (10%) of the total amount bid by
BIDDER to the CITY for the above stated project, for the payment of which sum, BIDDER
and SURETY agree to be bound, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas BIDDER is about to
submit a bid to CITY for the above stated project, if said bid is rejected, or if said bid is
accepted and a contract is awarded and entered into by BIDDER in the manner and time
specified, then this obligation shall be null and void, otherwise it shall remain in full force and
effect in favor of AGENCY.

WITNESS our hands this ____ day of _____, 2025.

(seal)

CONTRACTOR (CORPORATION) – TYPE

By: _____
President

By _____
Secretary/Treasurer

NOTE: SIGNATURE OF CORPORATE OFFICIALS MUST BE NOTARIZED.

Subscribed and sworn to before me
this _____ day of _____, 2025.

Notary Public _____

(Page 1 of 2)

SURETY'S NAME-TYPE

Mailing Address _____

By: _____
Name

Title _____

NOTE: SIGNATURE OF SURETY MUST BE NOTARIZED.

Subscribed and sworn to before me
this _____ day of _____, 2025.

Notary Public _____

(seal)

NON-COLLUSION AFFIDAVIT

STATE OF CALIFORNIA)
) SS
COUNTY OF _____)

_____ being first duly sworn
deposes and says that he is _____ (sole owner, a partner,
president, etc.) of _____ the party
making the foregoing bid; that such bid is not made in the interest of or behalf of any
undisclosed person, partnership, company, association, organization or corporation, that
such bid is genuine and not collusive or a sham, that said bidder has not directly or
indirectly induced or solicited any other bidder to put in a sham bid, or that anyone shall
refrain from bidding, that said bidder has not in any manner, directly or indirectly sought
by agreements, communication or conference with anyone to fix the bid price of said
bidder or of any other bidder, or to fix the overhead, profit, or cost element of such bid
price, or of that of any other bidder, or to secure any advantage against the public body
awarding the contract or anyone interested in the proposed contract; that all statements
contained in such bid are true, and further, that said bidder has not, directly or indirectly
submitted his bid price, or any breakdown thereof, or the contents thereof, or divulged
information or data relative thereto, or paid and will not pay any fee in connection,
organization, bid depository, or to any member or persons as have a partnership or other
financial interest with said bidder in his general business.

Signed: _____

Title: _____

Subscribed and sworn to before me
this _____ day of _____, 2025.

Notary Public _____

CITY OF IMPERIAL

PROPOSAL BASE BID (Items 1-26)

FOR

Imperial Ave. and Aten Rd Sewer Improvements Project Phase 2, in the City of Imperial

BID NO. 2025-06

ITEM	QUANTITY	UNIT	ITEM	UNIT COST	AMOUNT
1	1	LS	Mobilization of equipment and material, Performance Bond, Payment Bond, General Liability Insurance, Workman's Compensation Insurance, Construction water, freight, project signs, Air pollution control district requirements and fees, Restroom Facilities, Vehicle Insurance, Taxes, Permits, Business license, and Similar expenses and other costs not specifically addressed within this bid item list.	\$	\$
2	1	LS	Preparation of Traffic Control Plan, Implementation of Traffic Control	\$	\$
3	1	LS	Potholing of Existing Underground Utilities and Pipelines as indicated on Improvement Plans.	\$	\$
4	1	LS	Construction Staking	\$	\$
5	1	LS	Preparation and Implementation of Dust Control Plan Per Imperial County Air Pollution Control District	\$	\$
6	150	LF	Furnish and Install New 21-inch Dia. PVC PS115, ASTM F679 Gravity Sewer Pipeline, Including Trenching/Shoring, Pipe Sand Bedding, Tracer Wire, Sand Backfill, Pipe Zone Wrap with Filter Fabric and Compaction per Detail 3 of plans.	\$	\$
7	2,685	LF	Furnish and Install New 21-inch Dia. PVC PS115, ASTM F679 Gravity Sewer Pipeline, Including Trenching/Shoring, Pipe Sand Bedding, Tracer Wire, Native Material Backfill, Pipe Zone Wrap with Filter Fabric and Compaction per Detail 4 of plans.	\$	\$
8	84	LF	Furnish and Install 8" PVC SDR 26 Pipe Per Trench Detail 4 of the plans	\$	\$
9	3	EA	Connect New 8 inch sewer lines to Existing Manholes.	\$	\$
10	11	EA	Furnish and Install 5-ft Diameter Manhole Per Details on Plans	\$	\$

11	4	EA	Backfill Around Manholes within Drainage Ditch, Per Detail 14 of the plans.	\$	\$
12	4	EA	Relocate Existing Concrete Drainage Pipe Away from New Sewer Manholes	\$	\$
13	1	LS	Contractor to Complete New Sewer System Testing per General Notes.	\$	\$
14	1	LS	Remove and Dispose Existing Concrete Barrier Curb (115 ft Imperial Ave) and Curb and Gutter (30 ft Claypool Dr)	\$	\$
15	115	LF	Install Concrete Barrier Curb	\$	\$
16	280	SF	Install New P.C.C. Driveway for New Lift Station	\$	\$
17	1	LS	Install P.C.C. Depressed Curb and Gutter and Pavement Extension Joint (30 ft)	\$	\$
18	1,625	SF	Install 9 Inches of Class II Base over Compacted Mative Material at Lift Station and Access Way. Include Native Material Compaction	\$	\$
19	1	LS	Install 16 ft Chain Link Gate	\$	\$
20	122	LF	Install 6 ft Height Concrete Masonry (CMU) Block Wall.	\$	\$
21	1	LS	Install 12 ft (I.D.) by 20 ft Deep Wet Well Per Details on Sheet 7.	\$	\$
22	1	LS	Dewatering for Installation of Wet Well	\$	\$
23	1	LS	Temporary Relocation of Street Signs and License Plate Reader.	\$	\$
24	1	LS	Remove and Dispose AC Pavement and Undelaying Material, include AC Milling in Trenching Detail	\$	\$
25	46	Tons	Install 6 Inches of AC Pavement 3/4" Type A HMA, Include Cold Mill Area	\$	\$
26	55	CYS	Install 18 Inches of Class II Base	\$	\$
TOTAL BASE BID PROPOSAL					\$

**CITY OF IMPERIAL
BASE BID PROPOSAL**

NOTE 1: THE ESTIMATED QUANTITIES INDICATED ABOVE ARE APPROXIMATE. THE ENGINEER WILL NOT ASSUME RESPONSIBILITY FOR THE QUANTITIES ILLUSTRATED IN THE PROJECT PLANS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE QUANTITIES.

NOTE 2: THE LOWEST RESPONSIVE BID WILL BE BASED ON THE LOWEST TOTAL BID PROPOSAL.

TOTAL AMOUNT OF **BASE BID** PROPOSAL (NUMBERS)_____

TOTAL AMOUNT OF **BASE BID** PROPOSAL (WORDS)_____

Note: The estimated quantities listed in the Proposal Bid Sheet(s) are supplied to give an indication of the general scope of the work, but the accuracy of these figures is not guaranteed and the bidder shall make his own estimates from the drawings. In case of a variation between the unit price and the totals shown by the bidder, the unit price will be considered to be the bid.

Bidder's Name and Telephone Number

BID PROPOSAL

IN WITNESS WHEREOF, BIDDER executes and submits this bid proposal with the names, titles, hands, and seals of all forenamed principals this _____ day of _____, 2025.

Bidder: _____

By: _____

Title: _____

Subscribed and sworn to this _____ day of _____, 2025.

NOTARY PUBLIC _____

AGENCY acknowledges this proposal was received and opened at the time and in the place specified, and that it was accompanied by the required guarantee in the amount of ten percent (10%) of the total bid.

By: _____

Title: _____

CITY OF IMPERIAL

CONTRACT AGREEMENT

Imperial Ave. and Aten Rd Sewer Improvements Project Phase 2, in the City of Imperial
BID NO. 2025-06

THIS CONTRACT AGREEMENT is made and entered into for the above stated project this _____ day of _____, 2025, BY AND BETWEEN THE CITY OF Imperial, as the CITY, and _____, as CONTRACTOR.

WITNESSETH that the CITY and CONTRACTOR have mutually agreed as follows:

ARTICLE I

The contract documents for the aforesaid project shall consist of the Notice Inviting Sealed Bids, Instructions to Bidders, Proposal, General Specifications, Standard Specifications, Special Provisions, Plans, and all referenced specifications and appendices; together with this Contract Agreement and all required bonds, insurance certificates, permits, notices, and affidavits; and also including any and all addenda or supplemental agreements clarifying, amending, or extending the work contemplated as may be required to insure its completion in an acceptable manner. All of the provisions of said contract documents are made a part hereof as though fully set forth herein.

ARTICLE II

For and in consideration of the payments and agreements to be made and performed by the CITY, the CONTRACTOR agrees to furnish all materials and perform all work required for the above stated project, and to fulfill all other obligations as set forth in the aforesaid contract documents.

ARTICLE III

CONTRACTOR agrees to receive and accept the unit labor, equipment rental and material prices set forth in the Proposal as the basis for compensation for furnishing all materials, performing all work, and fulfilling all obligations hereunder. Said compensation shall cover all expenses, losses, damages, and consequences arising out of the nature of work during its progress or prior to its acceptance including those for well and faithfully completing the work and the whole thereof in the manner and time specified in the aforesaid contract documents; and also including those arising from actions of the elements, unforeseen difficulties or obstructions encountered in the prosecution of the work, suspension or discontinuance of the work, and all other unknowns or risks of any description connected with the work.

ARTICLE IV

The CITY hereby promises and agrees to employ, and does hereby employ, CONTRACTOR to provide the materials, do the work, and fulfill the obligations according to the terms and conditions herein contained and referred to, for the prices aforesaid, and hereby contracts to pay the same at the time, in the manner, and upon the conditions set forth in the contract documents.

ARTICLE V

CONTRACTOR acknowledges the provisions of the State Labor Code requiring every employer to be insured against liability for worker's compensation, or to undertake self-insurance in accordance with the provisions of that code, and certifies compliance with such provisions.

ARTICLE VI

CONTRACTOR agrees to indemnify and hold harmless the CITY and all of its officers and agents from any claims, demands, or causes of action, including related expenses, attorney's fees, and costs, based on, arising out of, or in any way related to the work undertaken by CONTRACTOR hereunder.

ARTICLE VII

CONTRACTOR affirms that the signatures, titles, and seals set forth hereinafter in execution of this Contract Agreement represent all individuals, firm members, partners, joint ventures, and/or corporate officers having a principal interest herein.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement to be executed the day and year first written.

CITY:

CONTRACTOR:

MAYOR – CITY OF IMPERIAL

(CORPORATION NAME –TYPE)

ATTEST: _____

BY: _____

TITLE: _____

BY: _____

TITLE: _____

KRISTINA SHIELDS
CITY CLERK - CITY OF IMPERIAL

**NOTE: SIGNATURES OF CORPORATE OFFICIALS AND SURETY MUST
 BE NOTARIZED.**

Subscribed before me on this ____ day of _____, 2025.

Notary Public

(SEAL)

My commission expires: _____

CONTRACT PERFORMANCE BOND

(CALIFORNIA PUBLIC WORK)

KNOW ALL MEN BY THESE PRESENTS:

THAT WHEREAS, the CITY OF IMPERIAL (sometimes referred to hereinafter as "Obligee") has awarded to _____ (hereinafter designated as the "Contractor"), an agreement for the work described as follows:

**Imperial Ave. and Aten Rd Sewer Improvements Project Phase 2, in the City of Imperial
BID NO. 2025-06**

(hereinafter referred to as the "Public Work"); and

WHEREAS, the work to be performed by the Contractor is more particularly set forth in that certain contract for the said Public Work dated _____, (hereinafter referred to as the "Contract"), which Contract is incorporated herein by this reference; and

WHEREAS, the Contractor is required by said Contract to perform the terms thereof and to provide a bond both for the performance and guaranty thereof.

NOW, THEREFORE, we, _____, the undersigned Contractor, as Principal, and _____,

_____ a corporation organized and existing under the laws of the State of _____, and duly authorized to transact business under the laws of the State of California, as Surety, are held and firmly bound unto the City of Imperial in the sum of _____ Dollars (\$ _____)

said sum being not less than one hundred percent (100%) of the total amount payable by the said Obligee under the terms of the said Contract, for which amount will and truly to be made, we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that, if the bounden Contractor, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and will and truly keep and perform the covenants, conditions and agreements in the said Contract and any alteration thereof made as therein provided, on his or its part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their intent and meaning; and shall faithfully fulfill the one year guarantee of all materials and workmanship; and indemnify and save harmless the Obligee, its officers and agents, as stipulated in said Contract, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

The said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or the Specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the work or to the Specifications.

No final settlement between the Obligee and the Contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

Contractor and Surety agree that if the Obligee is required to engage the services of an attorney in connection with enforcement of the bond, each shall pay Obligee's reasonable attorney's fees incurred, with or without suit, in addition to the above sum.

IN WITNESS WHEREOF, we have hereunto set our hands and seals
this _____ day of _____, 2025.

PRINCIPAL/CONTRACTOR:

By: _____

SURETY:

By: _____

Attorney-in-Fact

The rate of premium on this bond is _____ per thousand.

The total amount of premium charged: \$ _____

(The above must be filled in by corporate surety).

IMPORTANT: Surety companies executing bonds must possess a certificate of authority from the California Insurance Commissioner authorizing them to write surety insurance defined in Section 105 of the California Insurance Code, and if the work or project is financed, in whole or in part, with federal, grant or loan funds, it must also appear on the Treasury Department's most current list (Circular 570 as amended). **THIS IS A REQUIRED FORM.**

Any claims under this bond may be addressed to:

(Name and Address of Surety)

(Name and Address of agent or representative for service of process in California if different from above)

(Telephone Number of Surety and agent or representative for service of process in California).

STATE OF CALIFORNIA)
) ss.
COUNTY OF _____)

On this _____ day of _____, in the year 2025, before me, _____, a Notary Public in and for said State, personally appeared _____, known to me to be the person whose name is subscribed to the within instrument as the Attorney-in-Fact of the _____ (Surety) thereto and his own name as Attorney-in-Fact.

Notary Public in and for said State

(SEAL)

My Commission expires: _____

NOTE: A copy of the power of attorney to local representatives of the bonding company must be attached hereto.

PAYMENT BOND
(CALIFORNIA PUBLIC WORK)

KNOW ALL MEN BY THESE PRESENTS:

THAT WHEREAS, the City of Imperial (sometimes referred to hereinafter as "Obligee") has awarded to (hereinafter designated as the "Contractor"), an agreement dated _____, described as follows:

**Imperial Ave. and Aten Rd Sewer Improvements Project Phase 2, in the City of Imperial
BID NO. 2025-06**

(hereinafter referred to as the "Contract"): and

WHEREAS, said Contractor is required to furnish a bond in connection with said Contract, and pursuant to Section 3247 of the California Civil Code;

NOW, THEREFORE, We, _____, the undersigned Contractor, as Principal; and _____, a corporation organized and existing under the laws of the State of _____, and duly authorized to transact business under the laws of the State of California, as Surety, are held and firmly bound unto the City of Imperial and to any and all persons, companies or corporations entitled to file stop notices under Section 3181 of the California Civil Code, in the sum of _____ Dollars (\$_____)

said sum being not less than one hundred percent (100%) of the total amount payable by the said Obligee under the terms of the said Contract, for which payment will and truly to be made, we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that, if said Contractor, his or its heirs, executors, administrators, successors or assigns, or Sub-contractors, shall fail to pay for any materials, provisions or other supplies, implements, machinery or power used in, upon for or about the performance of the Public Work contracted to be done, or to pay any person for any work or labor of any kind, or for bestowing skills or other necessary services thereon, or for amounts due under the Unemployment Insurance Code with respect to such work or labor, or for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of said Contractor and his Subcontractors pursuant to Section 13020 of the Unemployment Insurance Code with respect to such work and labor as required by the provisions of Section 3247 through 3252 of the Civil Code, the Surety or Sureties hereon will pay for same in an amount not exceeding the sum specified in this bond, otherwise the above obligation shall be void. In addition to the provisions hereinabove, it is agreed that this bond will inure to the benefit of any and all persons, companies and corporations entitled to serve stop notices under Section 3181 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or additions to the terms of the said Contract or to the work to be performed thereunder or the Specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the work or to the Specifications.

No final settlement between the Obligee and the Contractor hereunder shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

Contractor and Surety agree that if the Obligee is required to engage the services of an attorney in connection with the enforcement of this bond, each shall pay Obligee's reasonable attorney's fees incurred, with or without suit, in addition to the above sum.

IN WITNESS WHEREOF, we have hereunto set our hands and seal this _____ day of _____, 2025.

PRINCIPAL/CONTRACTOR:

By: _____

SURETY: _____

By: _____

Attorney-in-Fact

IMPORTANT: Surety companies executing bonds must possess a certificate of authority from the California Insurance Commissioner authorizing them to write surety insurance defined in Section 105 of the California Insurance Code, and if the work or project is financed, in whole or in part, with federal, grant or loan funds, it must also appear on the Treasury Department's most current list (Circular 570 as amended). **THIS IS A REQUIRED FORM.**

Any claims under this bond may be addressed to:

(Name and Address of Surety)

(Name and Address of agent or representative for service of process in California if different from above)

(Telephone Number of Surety and agent or representative for service of process in California).

STATE OF CALIFORNIA)
) ss.
COUNTY OF _____)

On this _____ day of _____, in the year 2025, before me,
_____, a Notary Public in and
for said State personally appeared _____
_____, known to me to be the person whose name is subscribed to the within
instrument as the Attorney-in-Fact of the _____(Surety) and
acknowledged to me that he subscribed the name of the _____
_____(Surety) thereto and his own name as Attorney-in-Fact.

Notary Public in and for said State

(SEAL)

My Commission expires: _____

Note: A copy of the power of attorney to local representatives of the bonding company
must be attached hereto.

GENERAL LIABILITY ENDORSEMENT

CITY OF IMPERIAL
420 S. Imperial Ave.
Imperial, CA 92251

A. POLICY INFORMATION

Endorsement # _____

1. Insurance Company: _____

Policy Number: _____

2. Policy Term: (From) _____ (To) _____

Endorsement Effective Date: _____

3. Named Insured: _____

4. Address of Named Insured: _____

5. Limit of Liability Any One Occurrence/Aggregate:
\$ _____

6. Deductible or Self-Insured Retention (Nil unless otherwise specified):
\$ _____

7. Coverage is equivalent to:
Comprehensive General Liability form GL0002 _____

Commercial General Liability "Occurrence" form CG0001 _____

8. Bodily Injury and Property Damage Coverage is: _____ "occurrence"

Note: The City of Imperial standard insurance requirements specify "occurrence" coverage. "Claims-made" coverage is not acceptable. If commercial general liability form or equivalent is used, the general aggregate must apply separately to this location/project or the general aggregate must be twice the occurrence limit.

9. Description of Project: _____

B. POLICY AMENDMENTS

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. **INSURED.** As respects any work performed on the above-described Project, the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers, and volunteers are included as insured with regard to damages and defense of claims arising from: (a) activities performed by or on behalf of the Named Insured, (b) products and completed operations of the Named Insured, or (c) premises owned, leased or used by the Named Insured.
1. **CONTRIBUTION NOT REQUIRED.** As respects: (a) work performed by the Named Insured on the above-described Project for or on behalf of the City of Imperial; or (b) products sold by the Named Insured to the City of Imperial for use on the Project; or (c) premises leased by the Named Insured from the City of Imperial, the insurance afforded by this policy shall be primary insurance as respects the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers, or volunteers; or stand in an unbroken chain of coverage excess of the Named Insured schedule underlying primary coverage. In either event, any other insurance maintained by the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers, or volunteers shall be in excess of this insurance and shall not contribute with it.
3. **SCOPE OF COVERAGE.** This policy, if primary, affords coverage at least as broad as:
 - (1) Insurance Services Office form number GL 0002 (Ed. 1/73), Comprehensive General Liability Insurance and Insurance Services Office form number GL 0404 Broad Form Comprehensive General Liability endorsement; or
 - (2) Insurance Services Office Commercial General Liability Coverage, "occurrence" form CG 0001; or
 - (3) If excess, affords coverage which is at least as broad as the primary insurance forms referenced in the preceding sections (1) and (2).
4. **SEVERABILITY OF INTEREST.** The insurance afforded by this policy applies separately to each insured who is seeking coverage or against whom a claim is made or a suit is brought, except with respect to the Company's limit of liability.
5. **PROVISIONS REGARDING THE INSURED'S DUTIES AFTER ACCIDENT OR LOSS.** Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the City Imperial, its elected or appointed officer, officials, employees, consulting engineers or volunteers.
6. **CANCELLATION NOTICE.** The insurance afforded by this policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail return receipt requested has been given to the City of Imperial. Such notice shall be addressed as shown in the heading of this endorsement.

C. INCIDENT AND CLAIM REPORTING PROCEDURE

Incidents and claims are to be reported to the insurer at:

ATTN: _____
(Title) (Department)

(Company)

(Street Address)

(City) (State) (Zip Code)

(Telephone Number)

D. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____, warrant that I have authority to bind the
(print/type name) listed Insurance company and by my
signature hereon do so bind this company.

SIGNATURE OF AUTHORIZED REPRESENTATIVE (Original Signature required on
endorsement furnished to the City of Imperial)

ORGANIZATION: _____

TITLE: _____

ADDRESS: _____

TELEPHONE: _____

AUTOMOBILE LIABILITY ENDORSEMENT

CITY OF IMPERIAL
420 S. Imperial Ave.
Imperial, CA 92251

A. POLICY INFORMATION

Endorsement # _____

- 1. Insurance Company: _____
Policy Number: _____

- 2. Policy Term: (From) _____ (To) _____
Endorsement Effective Date: _____

- 3. Named Insured: _____

- 4. Address of Named Insured: _____

- 5. Limit of Liability Any One Occurrence/Aggregate
\$ _____

- 6. Deductible or Self-Insured Retention (Nil unless otherwise specified):

B. POLICY AMENDMENTS

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

- 1. **INSURED.** The City of Imperial, its elected or appointed officers, officials, consulting engineers, employees and volunteers are included as insured with regard to damages and defense of claims arising from: the ownership, operation, maintenance, use, loading or unloading of any auto owned, leased, hired or borrowed by the Named Insured, regardless of whether liability is attributable to the Named Insured or a combination of the Named Insured and the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers or volunteers.

- 2. **CONTRIBUTION NOT REQUIRED.** As respects work performed by the Named Insured for or on behalf of the City of Imperial, the insurance afforded by this policy shall:

(a) be primary insurance as respects the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers or volunteers;

or

(b) stand in an unbroken chain of coverage in excess of the Named Insured's primary coverage. In either event, any other insurance maintained by the City of Imperial, its elected or appointed officers, officials, employees or volunteers shall be in excess of this insurance and shall not contribute with it.

3. **SCOPE OF COVERAGE**. This policy, if primary, affords coverage to the Named Insured at least as broad as:

(1) Insurance Services Office form number CA 00001 (Ed. 1/78), Code 1 ("any auto") and endorsement CA 0025.

(2) If excess, affords coverage which is at least as broad as the primary insurance forms referenced in the preceding section (1).

4. **SEVERABILITY OF INTEREST**. The insurance afforded by this policy applies separately to each insured who is seeking coverage or against whom a claim is made or a suit is brought, except with respect to the Company's limit of liability.

5. **PROVISIONS REGARDING THE INSURED'S DUTIES AFTER ACCIDENT OR LOSS**. Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the City of Imperial, its elected or appointed officer, officials, employees, consulting engineers or volunteers.

6. **CANCELLATION NOTICE**. The insurance afforded by this policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail return receipt requested has been given to the City of Imperial. Such notice shall be addressed as shown in the heading of this endorsement.

C. INCIDENT AND CLAIM REPORTING PROCEDURE

Incidents and claims are to be reported to the insurer at:

ATTN: _____
(Title) (Department)

(Company)

(Street Address)

(City) (State) (Zip Code)

(Telephone)

D. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____, warrant that I have authority to bind the
(print/type name) listed Insurance company and by my
signature hereon do so bind this company.

SIGNATURE OF AUTHORIZED REPRESENTATIVE (Original Signature required on
endorsement furnished to the City of Imperial)

ORGANIZATION: _____

TITLE: _____

ADDRESS: _____

TELEPHONE: _____

**WORKER'S COMPENSATION/EMPLOYERS
LIABILITY ENDORSEMENT**

CITY OF IMPERIAL
420 S. Imperial Ave.
Imperial, CA 92251

A. POLICY INFORMATION Endorsement # _____

1. Insurance Company: _____

Policy Number: _____

2. Effective Date of This Endorsement: _____

3. Named Insured: _____

4. Employer's Liability Limit (Coverage B) _____

B. POLICY AMENDMENTS

In consideration of the policy premium and notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. CANCELATION NOTICE. The insurance afforded by this policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail return receipt requested has been given to the City of Imperial. Such notice shall be addressed as shown in the heading of this endorsement.
2. WAIVER OF SUBGROGATION. The Insurance Company agrees to waive all rights of subrogation against the City of Imperial, its elected or appointed officers, officials, agents and employees for losses paid under the terms of this policy which arise from work performed by the Named Insured for the City of Imperial.

C. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____, warrant that I have authority to bind the
(print/type name) listed Insurance company and by my
signature hereon do so bind this company.

SIGNATURE OF AUTHORIZED REPRESENTATIVE (Original Signature required on
endorsement furnished to the City of Imperial)

ORGANIZATION: _____

TITLE: _____

ADDRESS: _____

TELEPHONE: _____

CITY OF IMPERIAL

GENERAL SPECIFICATIONS

FOR

Imperial Ave. and Aten Rd Sewer Improvements Project Phase 2, in the City of Imperial

BID NO. 2025-06

SCOPE OF WORK

The work to be done consists of furnishing all materials, equipment, tools, labor and incidentals as required by the contract documents to construct the above stated project.

The scope of work includes construction and installation of a new sewer main pipeline, new sewer manholes and new pump station wet well. The project will also include connecting existing sewer collection system to new sewer main pipeline, new perimeter block wall at new pump station location, other improvements and traffic control around the construction zones. **Materials testing will be provided by the CITY.**

LOCATION OF WORK

1. Aten Road and Imperial Avenue (old Hwy 86) within City of Imperial city limits.

TIME OF COMPLETION

The Contractor shall complete all work in every detail within **One Hundred Ten (110) Working days** after the date of the Notice to Proceed, exclusive of maintenance periods.

TRAFFIC REQUIREMENTS

All streets must remain open to public traffic. Temporary street closures may be made with the prior approval of the City Engineer.

UTILITY REQUIREMENTS

The Contractor is advised of the existence of the utility notification service provided by UNDERGROUND SERVICE ALERT (USA). USA member utilities will provide the Contractor with approximate locations of their substructures in the construction area when the Contractor gives at least 48 hours' notice to the Underground Service Alert by calling 811. Contractor shall contact USA as specified and shall provide the City with proof of contact with USA upon request.

Prior to begin of construction, the Contractor shall "pot hole" and/or excavate to determine the depth of existing underground utilities. Any "pot hole" and/or excavation shall be performed in presence of the utility company representative. Contractor shall notify the following agencies at least 48 hours in advance of excavating around any of their utilities or structures.

1. Imperial Irrigation District Power: Maricruz Salcedo (760) 339-9493
2. Imperial Irrigation District Water: Olivia Alcaraz (760) 339-9108
2. Southern California Gas: J.Montenegro, (760) 352-6100 / E.Cuevas (760) 370-5812
3. SBC - Telephone Company: Mike Ormand, (760) 337-3358
4. Time Warner (Cable TV): Keith Johnson, (760) 352-8835
5. Imperial County Public Works Department: John Gay, Deputy Director, (760) 482-4462
6. City of Imperial Water Department: Robert Emmitt, (760) 355-2155
7. City of Imperial Wastewater Department: Chris Kemp, (760) 355-2718
8. City of Imperial Public Works Department: David Dale, (760) 355-1152

The Contractor shall exercise extreme care to protect all existing utilities in place whether shown on the plans or not, and shall assume full responsibility for all damage resulting from

his operations. The Contractor shall coordinate with each utility company as to the requirements and methods for protection of their facilities during the construction period, and shall be responsible for preparation and processing of any required plans or permits. The Contractor shall assume full responsibility to maintain uninterrupted service for all utilities, including temporary service connections. Payment for protection in place shall be deemed as included in the items of work as shown on the proposal bid sheet and no additional compensation will be allowed.

FLOW AND ACCEPTANCE OF WATER

It is anticipated that storm, surface or other waters may be encountered at various times and locations during the work herein contemplated. The Contractor, by submitting a bid, acknowledges that he has investigated the risk arising from such waters and has prepared his bid accordingly, and Contractor, by submitting a bid, assumes all of said risk.

The Contractor shall conduct his operations in such a manner that storm or other waters may proceed uninterrupted along their existing street or drainage courses. Diversion of water for short reaches to protect construction in progress will be permitted if public and/or private properties, in the opinion of the Engineer, are not subject to the probability of damage. The Contractor shall obtain written permission from the applicable public agency or property owner before any diversion of water outside of street right of way will be permitted.

REMOVAL OF WATER

The Contractor shall provide and maintain at all times during construction ample means and devices to promptly remove and properly dispose of all water entering the excavations or other parts of the work. Dewatering for the pipelines, sewer manholes and wet well shall commence when ground water is first encountered, and shall be continuous until such time as the excavated area or trenches are properly backfilled. Dewatering shall be accomplished by well points or some other method which will insure a preservation of final lines and grade of the bottoms of excavation, all subject to the approval of the Engineer.

Disposal of water from dewatering operations shall be the sole responsibility of the Contractor. Disposal methods shall conform to the Porter-Cologne Water Quality Control Act, 1974, the Federal Water Pollution Control Act Amendments of 1972, and the California Administrative Code, Title 23, Chapter 3.

Full compensation of dewatering shall be considered as included in the contract prices paid for the related items of work, and no additional compensation will be allowed therefore.

TRENCH EXCAVATION AND SHORING

For any contract for public works for excavation of any trench or trenches five (5) feet or more in depth, the Agency shall require submission by the Contractor and acceptance by the awarding body or by a Registered Civil or Structural Engineer to whom authority to accept has been delegated, in advance of excavation, a detailed plan showing the design of shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. This plan shall be prepared by a Registered Civil or Structural Engineer.

Nothing in this Section shall be deemed to allow the use of a shoring, sloping, or protective system less effective than that required by the safety standards set forth by the State of California Safety Requirements. Nothing in this Section shall be construed to impose tort liability on the awarding body or any of its employees.

STANDARD SPECIFICATIONS

The Standard Specifications of the Agency are contained in the latest edition of the STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, as written and promulgated by the Joint Cooperative Committee of the Southern California Chapter of the American Public Works Association and the Southern California District of the Associated General Contractors of California (The Greenbook).

Copies of these Standard Specifications are available from the publisher:
Building News, Incorporated
P.O. Box 3031 Terminal Annex
Los Angeles, California 90051
(213) 202-7775

The Standard Specifications set forth above will control the general provisions for this contract except as amended by the Plans, Special Provisions, or other contract documents.

The section numbers of the following Special Provisions coincide with those of the said Standard Specifications. Only those sections requiring amendment or elaboration, or specifying options, are called out.

In case of conflict between the Standard Specifications and the Special Provisions, the Special Provisions shall take precedence over and be used in lieu of such conflicting portions.

References in the Special Provisions to "CALTRANS Standard Specifications" shall mean the latest edition of the Standard Specifications of the State of California, Department of Transportation. Copies of these specifications and standard drawings may be obtained from:

*State of California
Department of Transportation
Central Publication Distribution Unit
6002 Folsom Boulevard
Sacramento, California 95819*

References in the Special Provisions to Standard Plans shall mean the Standard Plans of the City of Imperial or other governing agency as specified.

Where the Plans or Specifications describe portions of the work in general terms, but not in complete detail, it is understood that the item is to be furnished and installed complete and in place and that only the best general practice is to prevail and that only materials and workmanship of the first quality are to be used. Unless otherwise specified, the Contractor shall furnish all labor, materials, tools, equipment and incidentals, and do all the work involved in executing the contract.

WAGE RATES AND LABOR CODE REQUIREMENTS

Wage Rates

The Contractor and all Subcontractors shall be required to adhere to State general prevailing rate of per diem wages as determined and published by the State Director of the Department of Industrial Relations, pursuant to Sections 1770, 1773, and 1773.2 of the California Labor Code. Copies of these rates and the latest revisions thereto are on file in the Office of the Clerk of the Agency and are available for review upon request.

Attention is directed to the provisions of Sections 1774, 1775, 1776, 1777.5, and 1777.6 of the State Labor Code. Sections 1774 and 1775 require the Contractor and all subcontractors to pay not less than the state prevailing wage rates to all workmen employed in the execution of the contract and specify forfeitures and penalties for failure to do so. The minimum state wage rates to be paid are those determined by the State Director of the Department of Industrial Relations. Section 1776 requires the Contractor and all Subcontractors to keep accurate payroll records, specifies the contents thereof, their inspection and duplication procedures, and certain notices required of the Contractor pertaining to their location.

Apprentices

Section 1777.5 requires the Contractor or Subcontractor employing tradesmen in any apprentice able occupation to apply to the Joint Apprenticeship Committee nearest the site of the public works project and which administers the apprenticeship program in that trade for a certificate of approval. The certificate will also fix the ratio of apprentices to journeymen to be used in the performance of the contract.

The Contractor is required to make contributions to funds established for the administration of apprenticeship programs if he employs registered apprentices or journeymen in any apprentice able trade and if other Contractors on the public works site are making such contributions.

Information relative to apprenticeship standards, contributions, wage schedules and other requirements may be obtained from the State Director of Industrial Relations or from the Division of Apprenticeship Standards.

Clayton Act and Cartwright Act

Section 4551 of the State Government Code specifies that in executing a public works contract with the Agency to supply goods, services or materials, the Contractor or Subcontractors offers and agrees to assign to the Agency all rights, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 commencing with Sec. 16700) of Part 2 of Division 7 of the Business and Professions Code, arising from purchase of goods, services or materials pursuant to the contract or subcontract. This assignment shall become effective when the Agency tenders final payment to the contractor without further acknowledgment by the parties.

CITY OF IMPERIAL

SPECIAL PROVISIONS

for

Imperial Ave. and Aten Rd Sewer Improvements Project Phase 2, in the City of Imperial
BID NO. 2025-06

MODIFICATIONS TO: STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

PART I - GENERAL PROVISIONS

SECTION 1 - TERMS, DEFINITIONS, ABBREVIATIONS AND SYMBOLS

1-2 DEFINITIONS.

City	- City of Imperial
Board	- City Council
Caltrans	- California Department of Transportation
County	- County of Imperial
Engineer	- City Engineer
Federal	- United States of America
State	- State of California

SECTION 2 - SCOPE AND CONTROL OF THE WORK

2-1 AWARD AND EXECUTION OF CONTRACT.

Is amended as follows:

Within ten (10) working days after the date of the Notice of Award, the Contractor shall execute and return the following contract documents to the Agency:

- ~ Contract Agreement
- ~ Faithful Performance Bond
- ~ Payment Bond
- ~ General Liability Endorsement
- ~ Automobile Liability Endorsement
- ~ Worker's Compensation/Employers Liability Endorsement

Failure to comply with the above will result in annulment of the award and forfeiture of the Proposal Guarantee.

The Contract Agreement shall not be considered binding upon the City until executed by the authorized City officials.

A corporation to which an award is made may be required, before the Contract Agreement is executed by the City, to furnish evidence of its corporate existence, of its right to enter into contracts in the State of California, and that the officers signing the contract and bonds for the corporation have the authority to do so.

2-4 CONTRACT BONDS.

add the following:

Both the Faithful Performance Bond and the Payment Bond shall each be for not less than one hundred percent (100%) of the total contract amount. The Payment Bond shall remain in force until thirty-five (35) days after the date of recordation of the Notice of Completion. The Faithful Performance Bond will not be released until one year after said date.

2-5 PLANS AND SPECIFICATIONS.

2-5.1 General.

the first paragraph is amended as follows:

The Contractor shall maintain a control set of Plans and Specifications on the project site at all times. All final locations determined in the field, and any deviations from the Plans and Specifications, shall be marked in red on this control set to show the record conditions. Upon completion of all work, the Contractor shall return the control set to the Engineer. Final payment will not be made until this requirement is met.

2-9 SURVEYING

2-9.3 Survey Service.

Is amended as follows:

Contractor shall be responsible for all construction staking and shall protect all existing survey monuments.

~~CITY shall obtain and pay for the construction staking services of a surveyor as needed to perform the work. The City will provide the services of a properly licensed surveyor to establish control points and relocate survey monuments before construction begins. Contractor shall protect existing survey monuments.~~

SECTION 3 - CHANGES IN WORK

3-2 CHANGES INITIATED BY THE AGENCY

3-2.1 General.

add the following:

The term "Contract Price" as specified herein shall serve to mean the total dollar value of the Contractor's original bid for all of the various items of work combined and shall not be construed to mean the subtotal shown for any singular item of work.

3-3 EXTRA WORK

3-3.2 Payment

3-3.2.3 Markup.

add the following as the first paragraph:

The markups mentioned hereinafter shall include, but are not limited to, all costs for the services of superintendents, project managers, timekeepers, and other personnel not working directly on the change order and pickup or yard trucks used by the above personnel. These costs shall not be reported as labor or equipment elsewhere except when actually performing work directly on the change order and then shall not be reported at the labor classification of the work performed.

SECTION 4 - CONTROL OF MATERIALS

4-1 MATERIALS AND WORKMANSHIP

4-1.4 Test of Materials.

add the following:

TESTING LABORATORY SERVICES

All tests which require the services of a laboratory to determine compliance with the Contract Documents shall be performed by an independent commercial testing laboratory acceptable to the Engineer, according to the City's Quality Assurance Program (QAP).

TESTING SERVICES FURNISHED BY CITY

The City shall pay all charges of testing laboratories for quality control tests made in the field or laboratory on concrete, asphalt mixtures, moisture-density (Proctor and relative density tests on embedment, fill, and backfill materials, in-place field density tests on embedment's and fills), and other materials and equipment, during and after their incorporation in the Work, except re-testing which shall be paid by Contractor. Field sampling and testing will be performed by the City's independent commercial testing laboratory, in the general manner indicated in the specifications, with minimum interference with construction operations. The independent commercial testing laboratory shall determine the exact time and location of field sampling and testing, according to the City's Quality Assurance Program (QAP), and, may require such additional sampling and testing as necessary to determine that materials and equipment conforms with data previously furnished by Contractor and to the Contract Documents.

Samples and test specimens will be delivered to the testing laboratory by testing laboratory personnel. The testing laboratory shall perform all laboratory tests within a reasonable time.

Contractor shall furnish all sample materials and cooperate in the sampling and field testing activities, interrupting the Work when necessary. When sampling or testing activities are performed in the field by Engineer, Contractor shall furnish personnel and facilities to assist in the activities as required.

The City shall not retain any testing laboratory against which Contractor has reasonable objection, and if at any time during the construction process the services become unacceptable to Contractor, Contractor may request in writing that such services be terminated.

The request must be supported with evidence of improper testing. If the Engineer determines that sufficient cause exists, the Engineer shall terminate the services and engage a different testing laboratory.

TRANSMITTAL OF TEST REPORTS

Written reports of tests and engineering data furnished by Contractor for Engineer's review of materials and equipment proposed to be used in the

Work shall be submitted as specified for Shop Drawings.

The testing laboratory retained by the Engineer will furnish three copies of a written report of each test performed by laboratory personnel. Two copies of each test report will be transmitted to the engineer and one copy to the Contractor within three working days after each test is completed.

SECTION 5 - UTILITIES

5-1 LOCATION.

add the following paragraph:

The Contractor shall notify the utilities designated in the General Specifications at least 48 hours in advance of excavating around any of their structures.

SECTION 6 - PROSECUTION, PROGRESS, AND ACCEPTANCE OF THE WORK

6-1 CONSTRUCTION SCHEDULE AND COMMENCEMENT OF WORK.

is amended as follows:

The Contractor's proposed Construction Schedule shall be submitted to the Engineer within ten (10) working days after the date of the Notice of Award of Contract. The schedule shall be supported by written statements from each supplier of materials or equipment indicating that all orders have been placed and acknowledged, and setting forth the dates that each item will be delivered.

Prior to issuing the Notice to Proceed, the Engineer will schedule a pre-construction meeting with the Contractor to review the proposed Construction Schedule and delivery dates, arrange the utility coordination, discuss construction methods, and clarify inspection procedures, including City's Quality Assurance Program, City Staff and/or City Consultants designated to the project, etc..

The Contractor shall submit periodic Progress Reports to the Engineer by the tenth day of each month. The report shall include an updated Construction Schedule. Any deviations from the original schedule shall be explained. Progress payments will be withheld pending receipt of any outstanding reports.

6-7 TIME OF COMPLETION.

6-7.1 General.

add the following:

The time for completion shall be **110 Working days** from the issuance date of the Notice to Proceed.

6-7.2 Working Day.

is amended as follows:

The Contractor's activities shall be confined to the hours between 7:00 AM and 6:00 PM, Monday through Friday, excluding holidays. Deviation from these hours will not be permitted without the prior consent of the Engineer, except in emergencies involving immediate hazard to persons or property.

In the event of either a requested or emergency deviation, inspection service

fees will be charged against the Contractor. The service fees will be calculated at overtime rates including benefits, overhead, and travel time. The service fees will be deducted from any amounts due the Contractor.

6-9 LIQUIDATED DAMAGES.

the last sentence is amended as follows:

For each consecutive calendar day in excess of the time specified, as adjusted in accordance with Subsection 6-6, for completion of the work the Contractor shall pay to the Agency, or have withheld from monies due it, the sum of \$2,000.00 per day.

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

7-1 CONTRACTOR'S EQUIPMENT AND FACILITIES.

add the following:

A noise level limit of 86 db at a distance of fifty feet (50') shall apply to all construction equipment on or related to the job whether owned by the Contractor or not. The use of excessively loud warning signals shall be avoided except in those cases required for the protection of personnel.

7-2 LABOR.

7-2.2 Laws.

add the following:

The Contractor, and all subcontractors, suppliers and vendors, shall comply with all Agency, State, and Federal orders regarding affirmative action to ensure equal employment opportunities and fair employment practices. Failure to file any report due under said orders will result in suspension of periodic progress payments.

The Contractor shall ensure unlimited access to the job site for all equal employment opportunity compliance officers.

7-3 LIABILITY INSURANCE.

the entire Subsection is amended as follows:

7-3.1 Indemnification. The Contractor shall indemnify and save harmless the CITY OF IMPERIAL and the County of Imperial from all claims or suits for damages arising from his prosecution of the contract work, as more fully described in Subsection 7-3.2 "Contractor's Liability".

The Contractor shall maintain during the life of the contract a protective liability policy. The policy shall provide for not less than the following amounts;

Bodily Injury	\$1,000,000	each person
	\$2,000,000	each accident
	\$2,000,000	aggregate products and completed operations
Property Damage	\$ 500,000	each accident
		Worker's Compensation Statutory

All liability insurance policies shall bear an endorsement or shall have attached a rider whereby it is provided that, in the event of expiration or proposed cancellation of such policies for any reason whatsoever, the Agency shall be notified by registered mail, return receipt requested, giving a sufficient time before the date thereof to comply with any applicable law or statute, but in no event less than 30 days before expiration or cancellation is

effective. The following statement shall be included on the insurance certificate:

"Additional Insured: The insurer agrees that the City and its City Council, and/or all City Council appointed groups, committees, boards and any other City Council appointed body, and/or elective and appointive officers, servants or employees of the City when acting as such are additional insured hereunder, for the acts of the insured, and such insurance shall be primary to any insurance of the City."

The Contractor agrees to protect, defend and indemnify the CITY OF IMPERIAL against loss, damage or expense by reason of any suit, claims, demands, judgments and causes of action caused by the Contractor, his employees, agents or any subcontractor or by any third party arising out of or in consequence of the performance of all or any operations covered by the Certificate of Insurance. The Contractor, at his option, may include such coverage under his Public Liability coverage.

7-3.2 Contractor's Liability.

The CITY OF IMPERIAL, its City Council, or the Engineer shall not be answerable or accountable in any manner, for any loss or damage that may happen to the work or any part thereof; or for any of the materials or other things used or employed in performing the work; or for injury to any person or persons, either workmen or the public; or for damage to adjoining property from any cause which might have been prevented by the Contractor, or his workmen, or any one employed by him; against all of which injuries or damages to persons and property the Contractor having control over such work must properly guard. The Contractor shall be responsible for any damage to any person or property resulting from defects or obstructions at any time before its completion and final acceptance, and shall indemnify and save harmless the CITY OF IMPERIAL, its City Council, and the Engineer from all suits or actions of every name and description, brought for, or on account of, any injuries or damages received or sustained by any person or persons, or by the Contractor, his servants or agents, in the construction of the work or by or in consequence of any negligence in guarding the same, in improper materials used in its construction, or by or on account of any act or omission of the Contractor or his agents, and so much of the money due the Contractor under and by virtue of the Contract as shall be considered necessary by the City may be retained by the City until disposition has been made of such suits or claims for damages aforesaid.

If, in the opinion of the Engineer, the precautions taken by the Contractor are not safe or adequate at any time during the life of the Contract, he may order the Contractor to take further precautions, and if the Contractor shall fail to do so, the Engineer may order the work done by others and charge the Contractor for the cost thereof, such cost to be deducted from any moneys due or becoming due the Contractor. Failure of the Engineer to order such additional precautions, however, shall not relieve the Contractor from his full responsibility for public safety.

7-5 PERMITS.

the first sentence is amended as follows:

Prior to the start of any work, including “pot holes” and excavation to determine depth of existing underground utilities, the Contractor shall take out the applicable Agencies’ permits and make arrangements for Agencies inspections, i.e. County of Imperial, City of Imperial, Imperial Irrigation District. The Contractor and all subcontractors shall each obtain any and all other permits, licenses, inspections, certificates, or authorizations required by any governing body or public utility. The City of Imperial will reimburse the permit fees paid by Contractor to said agencies or public utilities. The City will waive the City’s usual encroachment permit fees.

7-10 PUBLIC CONVENIENCE AND SAFETY.

7-10.1 Traffic and Access.

add the following:

When entering or leaving roadways carrying public traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic.

The Contractor shall notify all affected property owners of the proposed schedule a minimum of 48 hours, but not more than 72 hours, in advance of any limitation or closure of access to their property. Form of said notice shall be as approved by the Engineer and shall contain the date and time of the closure. In the event of delay, whether beyond the control of the Contractor or not, the Contractor shall notify all affected property owners as to the extent of the delay and his revised schedule. In the event of delay over 72 hours, the Contractor shall re-notify the property owners as described above.

The Contractor shall notify the following public agencies –but not limited to: California Highway Patrol, County Fire Department, County Sheriff, Imperial County Department of Public Works, Imperial County Airport, Imperial Valley College, other, of the proposed project schedule, a minimum of 48 hours, but not more than 72 hours, in advance of any access limitation, detour or closure of the project site.

Payment for notification and coordination as per Section 7-10 as modified herein shall be included in the compensation paid for the various items of work and no additional compensation will be allowed.

7-10.2 Storage of Equipment and Materials in Public Streets.

add the following:

The Contractor shall assume full responsibility for any damage caused by stockpiling and shall repair same at his expense. The Contractor shall also be responsible for providing traffic control as required to protect the public from hazards caused by stockpiling within the right of way. Payment for the above, if any, will be deemed as included in the items of work and no additional compensation will be allowed.

The Contractor may, at his own expense, maintain and operate a work and

storage area outside of the public right-of-way.

In such case the Contractor shall submit to Agency written authorization from the owners of the subject property prior to occupation. Occupation of site without written authorization shall be grounds for immediate suspension of work.

Location of site to be approved by Agency. Condition and operation of yard shall conform to these specifications. The Contractor shall assume full responsibility for all damage to the site resulting from his operations and shall repair and/or replace same, at his own expense, to the satisfaction of the owner of the subject property. The Contractor shall vacate site and return it to pre-project condition within five (5) working days following application for Notice of Completion. The Contractor shall obtain a written release from the property owner accepting the condition of the vacated site and releasing the Contractor from any further clean-up or restoration work and shall submit a copy of such release to Agency. The Notice of Completion will not be issued until said release is submitted.

7-10.3 Street Closures, Detours, and Barricades.

add the following:

The Contractor shall maintain the minimum traffic requirements designated in the General Specifications. It shall be the Contractor's responsibility to furnish a detailed detour signing and barricade plan for Agency approval.

The Contractor shall be responsible for providing temporary access to all driveways at the end of each workday.

The Contractor shall provide and maintain all other signs, barricades, pedestals, flashers, delineators and other necessary facilities for the protection of the public within the limits of the construction area. He shall also post proper signs to notify the public regarding detours and the condition of the roadway, all in accordance with the provisions of the Vehicle Code and the current State of California Department of Transportation Manual of Warning Signs, Lights and Devices for Use in Performance of Work Upon Highways.

The Contractor shall furnish competent flagmen as are necessary to give adequate warning to traffic or to the public of any dangerous conditions to be encountered. Flagmen, while on duty and assigned to give warnings to the public of construction and of any dangerous conditions to be encountered as a result thereof, shall perform their duties and shall be provided with the necessary equipment in accordance with the current "Instructions to Flagmen," of the Department of Transportation. The equipment shall be furnished and kept clean and in good repair by the Contractor, at his expense.

Should the Contractor appear to be neglectful or negligent in furnishing warning and protective measures as provided, the Engineer may direct attention to the existence of a hazard and the necessary warning and protective measures shall be furnished and installed by the Contractor at his expense. Should the Engineer point out the inadequacy of warning and

protective measures, such action on the part of the Engineer shall not relieve the Contractor from responsibility for public safety or abrogate his obligation to furnish any pay for these devices.

The Contractor shall distribute notices to all affected residents and businesses at the stated minimum time prior to the start of work:

Excavations and miscellaneous repairs – 36 hours

The Contractor shall notify the following entities at least forty-eight (48) hours in advance of any street closure, detour or restriction to access:

1. City Engineer at 760-355-1152
2. Fire Department at 760-355-1191
3. Imperial Police Dept. at 760-355-4327
4. Imperial County Sheriff's Dept. 760-482-6301
5. Imperial County Public Works Dept. 442-265-1818
5. Imperial County Airport. 442-265-3220

Full compensation for conforming to this article shall be considered as included in the various items of work involved, and no additional compensation will be allowed therefore.

7-10.4 Safety.
7-10.4.1

Safety Orders.
add the following:

CONSTRUCTION SAFETY ORDERS

The Construction Safety orders of the State of California, Department of Industrial Relations, effective November 15, 1975, and as amended, shall be applicable to the work in this contract. The Contractor's special attention is directed to:

Article 6

Excavations, Trenches and Earthwork

Article 11

Traffic Control, Flagmen, Barriers and Warning signs; and

***Article 28 ***

Miscellaneous Construction Equipment prior to the start of work, the Contractor will be required to obtain a permit from the Office of the Division of Occupational Safety and Health. The office serving the Imperial area is at 7807 Convoy court, Suite 140, San Diego, California 92111, Telephone Number; (619) 637-5534.

The Contractor shall provide the City Engineer's office with a copy of the permit prior to the start of excavation, and the permit shall be maintained on the job site at any timework requiring trenching or shoring operations exist.

Where excavation of any trench 5 feet or more in depth is

required, the Contractor shall submit to the City Engineer for approval, in writing, two weeks in advance of excavations, a detailed plan showing the design of shoring bracing, sloping, protection of existing utilities, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench. If such plan varies from shoring system standards established by the Construction Safety Order. The plan shall be prepared by a Registered Civil or Structural Engineer.

Copies of said regulations are available from the documents Section, P.O. box 20191, Sacramento, California 95820. The cost of furnishing labor, tools, equipment, services and items required thereby shall be borne by the Contractor as part of this contract work and he shall not be entitled to additional compensation for compliance with said regulations.

7-15 PAYROLL RECORDS.

add the following paragraph:

Payroll records shall be submitted to the Agency by the tenth day of each month. Progress payments will be withheld pending receipt of any outstanding reports.

SECTION 9 - MEASUREMENT AND PAYMENT

9-3 PAYMENT.

9-3.2 Partial and Final Payment.

the last paragraph is amended as follows:

The closure date for periodic progress payments will be five (5) working days prior to the first Monday of each month.

The final progress payment will not be released until the Contractor returns the control set of Plans and Specifications showing the as-built conditions.

The full five percent (5%) retention will be deducted from all payments. The final retention will be authorized for payment thirty-five (35) days after the date of recordation of the Notice of Completion.

In conformance with the Public Contracts Code, Section 22300, the Contractor may substitute securities for any monies withheld by the Agency to secure performance under the contract.

At the request and expense of the Contractor, securities equivalent to the amount withheld shall be deposited with the Agency or with a State or Federally chartered bank as the escrow agent who shall pay such monies to the Contractor upon notification by Agency of Contractor's satisfactory completion of the contract. Actual pay quantity measurements will be done at the end of each working day and agreed upon by both the Contractor and the Engineer's representative.

The type of securities deposited and the method of release shall be approved by the City Attorney's office.

9-3.3 Delivered Materials.
is amended as follows:

Materials and equipment delivered but not incorporated into the work will not be included in the estimate for progress payment, subject to the discretion of the City Engineer.

9-3.4 Dewatering.
is amended as follows:

The Contractor may encounter groundwater or water from other sources during excavation. The Contractor shall provide and maintain at all times during construction, ample means and devices with which to promptly remove and properly dispose of all water from any source entering the excavations or other parts of the work. Dewatering shall be accomplished by methods, which will ensure a dry excavation and preservation of the final lines and grades of the bottoms of excavations.

Dewatering shall commence when groundwater is first encountered, and shall be continuous until such times as water can be allowed to rise in accordance with the provisions of this section or other requirements.

Disposal of watering from dewatering operations shall be the sole responsibility of the Contractor. Disposal methods shall conform to the Porter-Cologne Water quality control Act, 1974, the Federal Water Pollution Control Act Amendment of 1972; and the California Administrative code, Title 23, Chapter 3.

The Contractor shall dispose of the water from the work in a suitable manner without damage to adjacent property. Conveyance of the water shall be such as to not interfere with traffic flow or other construction. No water shall be drained into work built or under construction without prior consent of the City Engineer.

Water shall be desanded before disposal in any storm drain system. The system used for desanding the water shall be a baffled structure and shall provide not less than five minutes detention time and shall have a "flow-through" velocity not exceeding 0.2 feet per second at the anticipated peak flow. The desanding box shall be cleaned as required to maintain the detention time and flow-through limitations specified above.

9-3.5 Mobilization.
is amended as follows:

Mobilization shall consist of preparatory work and operations, including but not limited to those necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; for the establishment of all offices, buildings and other facilities necessary for the work on this project; and for all work and operations which must be performed or cost incurred prior to beginning work on the various contract items on the project site.

The compensation paid for mobilization shall be full compensation for all costs incurred by the Contractor for doing all the work involved in mobilization as specified herein. Payment for mobilization will be included in the items of work listed in the **BID PROPOSAL**.

PART II – CONSTRUCTION MATERIALS

All CONSTRUCTION MATERIALS AND CONSTRUCTION METHODS shall be according to the latest edition of the “Standard Specifications for Public Works Construction” Greenbook, Specifications and according to the CONSTRUCTION PROJECT PLANS called for in APPENDIX C.

PART III - CONSTRUCTION METHODS

All CONSTRUCTION MATERIALS AND CONSTRUCTION METHODS shall be according to the latest edition of the “Standard Specifications for Public Works Construction” Greenbook, Specifications and according to the CONSTRUCTION PROJECT PLANS called for in APPENDIX C.

Miscellaneous Provisions

TRAFFIC CONTROL

All traffic control for the project shall be in accordance with the Special Provisions and the latest edition of the California Manual on Uniform Traffic Control Devices (California MUTCD) and the latest edition of the “Construction Area Traffic Control Devices” of CALTRANS Standard Specifications.

SUBMITTALS

The Contractor shall submit eight (8) copies of the following shop drawings to the Engineer for review and approval at least ten (10) days before drawings will be required for ordering materials and commencing the work. Each shop drawing and sample submission shall bear a stamp or specific written indication that the Contractor has satisfied the Contractor's review and approval of that submission. The Contractor shall provide specific written notice of any variations that the shop drawings may have from the requirements of the Contract Documents.

Within 8 calendar days of receipt of shop drawings, the Engineer will return two (2) copies of each drawing to the Contractor with his comments thereon. If so indicated, the Contractor shall make corrections required by the Engineer and shall return the required number of corrected copies of Shop Drawings and submit as required new samples for review and approval. The Engineer's review and approval of Shop Drawings or samples shall not relieve the Contractor from responsibility for any variation from the requirements of the Contract Documents. Shop drawings shall be submitted but not limited to the following items:

- A. The Contractor shall submit drawings of the precast reinforced concrete manholes and appurtenances, including structural calculations prepared and approved by a Registered Civil or Structural Engineer.

- B. The Contractor shall submit shop drawings of the precast Wet Well and appurtenances,

including structural calculations prepared and approved by a Registered Civil or Structural Engineer.

- C. The Contractor shall submit shoring plans for review to the City Engineer. Shoring plans must be prepared and approved by a registered Civil or Structural Engineer.
- D. The Contractor shall submit dewatering plan for wet well construction for review to the City Engineer.
- E. The Contractor shall submit dewatering plan for sewer manholes and sewer pipe installation for review to the City Engineer.
- F. The Contractor shall submit manufacturer's specification and information and regarding to all materials to be used on the work site.

PRESERVATION OF MONUMENTATION

The Contractor shall be responsible for protecting all existing horizontal and vertical survey controls, monuments, ties and benchmarks located within the limits of the project. If any of the above require any removal, relocating or resetting, the Contractor shall, prior to any construction work and under the supervision of a California-licensed surveyor or pre-1972 licensed civil engineer, establish sufficient temporary ties and bench marks to enable the points to be reset by the Contractor after completion of construction.

Any ties, monuments and bench marks disturbed during construction shall be reset after construction per City of Imperial or County of imperial standards, as applicable, and the tie notes submitted to the City of Imperial or County of Imperial on 8-1/2" x 11" note paper. The Contractor and its sureties shall be liable for, at its expense, any resurvey required due to its negligence in protecting existing ties, monuments, bench marks or any such horizontal and vertical controls.

The Contractor shall comply with The Land Surveyors Acts #9771 (Record of Surveys-Monumentation) and #8773 (Corner Records-Records of Survey for "Lost Corners").

NOTES

Appendix A has been prepared by the City's Projects Manager / Consultant, as certified below, for the:

**Imperial Ave. and Aten Rd Sewer Improvements Project Phase 2, in the City of Imperial
BID NO. 2025-06**

Appendix A
California State General Prevailing Wage Rates

Appendix B

Specifications and Special Provisions

SPECIFICATIONS

1.1 STANDARD SPECIFICATIONS

The work embraced herein shall be done in accordance with the appropriate provisions of construction details as shown in the specifications entitled “State of California, Department of Transportation Standard Specifications 2010” insofar as the same may apply. Also portions of the work shall be done in accordance with the “GREENBOOK” Standard Specifications for Public Works Construction 2021 Edition. These specifications are hereinafter referred to as the Standard Specifications and in accordance with the following provisions:

Whenever in the Standard Specifications the following terms are used, they shall be understood to mean to refer the following:

Department of Public Works or Division of Highways – City of Imperial, California Director of Public Services – The Director of Public Services of the City of Imperial, California.

Engineer – The City Engineer, acting directly or through properly authorized agents, such agents acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties entrusted to them.

Laboratory – The designated laboratory authorized by the City of Imperial to test materials and work involved in the contract.

State – The City of Imperial, California.

Other terms appearing in the Standard Specifications, the General Conditions and these Special Provisions, shall have the intent and meaning specified in the Sections 1, “Definitions of Terms”, Standard Specifications. In case of conflict between the Standard Specifications and these General Conditions and Specifications, the General Conditions and Specifications shall take precedence over and be used in lieu of such conflicting portions.

1.2 SCOPE OF WORK

The work to be done consists of furnishing all materials, equipment, tools, labor and incidentals as required by the contract documents for the construction and installation of a new sewer main pipeline, new sewer manholes and new pump station wet well. The project will also include connecting existing sewer collection system to new sewer main pipeline, new perimeter block wall at new pump station location, other improvements and traffic control around the construction zones. Materials testing will be provided by the CITY.

END OF SPECIFICATIONS

SPECIAL PROVISIONS

1. ORDER OF WORK

Prior to commencement of any work on the project, a preconstruction conference will be held for the purpose of review and discussion of progress schedule and construction procedures. At the discretion of the Director of Public Services, periodic meetings involving project personnel (Contractor, utility and others) will be held for the purpose of coordinating project activities.

2. STARTING AND COMPLETION OF WORK

The work called for in these contract documents shall commence within (10) calendar days after that date set out in the **Notice-to-Proceed** issued by the City, and shall be diligently pursued to completion within **One Hundred Ten (110) working days of said date.**

3. FAILURE TO COMPLETE ON TIME AND LIQUIDATED DAMAGES

It is agreed by the parties of the contract that in case of all work called for under the contract is not completed before or upon the expiration of the time limits set forth in these Special Provisions, damages will be sustained by the City of Imperial and that it will be impracticable to determine the actual damage by which the City will sustain in the event of and by reason of such delay and it is therefore agreed that the contractor will pay to the **City of Imperial the sum of two thousand dollars (\$2,000.00) per day for each and every day delay** beyond the time prescribed to complete the work.

4. MAINTAINING TRAFFIC

The Contractor shall maintain two-way traffic in the work area in accordance with the “Manual of Uniform Traffic Control Devices” (MUTCD), 2014 Edition Revision 8 (January 11, 2024) or as modified, available through the State of California, Department of Transportation, 1900 Royal Oaks Drive, Sacramento, California 95815.

Personal vehicles of the Contractor’s employees shall not be parked on the traveled way at any time, including any section closed to public traffic.

The contractor shall make every effort to keep driveways open during working hours. After work hours, all driveways shall be accessible and safe. The payment for item shall be included in the bid price for the applicable item of work for which traffic control is performed.

5. NOTICE AND POSTING REQUIREMENTS

CITY shall post and remove temporary “No Parking” signs as needed. Signs shall be in place for at least 48 hours in advance of commencing of work. Signs may be attached to existing poles, parkway trees, or any available support that may exist in the public right-of-way or the contractor may furnish sign supports as may be necessary.

Multiple notices shall be delivered and hung on door handles of each residence and to each business affected by the construction. The format and content of the notices shall be submitted to the Engineer for approval at least 2 weeks prior to use. Notices will be required as follows:

- 1) A general notice in all cases will be required 2 weeks in advance of work, describing the sequence of activities that will affect parking and access to properties, to be delivered 2 weeks prior to construction. This notice will generally address parking and access for street resurfacing with further details to follow on subsequent notices, except detailed information will be required in this first notice to explain the leveling course portion of the work.

6. CONSTRUCTION AREA SIGNS

The Contractor shall furnish, install, maintain, and remove all construction area signs in conformance with the plans and Sections 12-3.06 of the Standard Specifications.

7. REPAIR EXISTING ROADBED

Where directed by the Director of Public Works, broken or failed, or other unsatisfactory portions of the existing roadbed shall be removed and disposed of and the resulting excavation shall be filled with asphalt concrete pavement in conformance with specifications and to be compensated by applicable bid item.

8. REMOVE PAVEMENT MARKINGS

Existing pavement markers, when no longer required for traffic lane delineation as directed by the Director of Public Works, shall be removed and disposed of.

Full compensation for removing and disposing of pavement markers shall be considered as included in the contract price for the applicable bid item **for sewer pipe installation (Bid Item No. XXXX)** and no separate payment will be made therefore.

9. SANITARY SEWER

9.1 Pipe Installation

This section covers furnishing all labor, supervision, materials and equipment and performing all operations necessary to furnish and install the piping and fittings. All pipe and fittings, and accessories furnished by the contractor shall be new material free from rust or corrosion. All piping and fittings shall be cleaned on the inside when installed and the contractor shall take all necessary precautions to insure that the lines are kept free of any foreign matter and dirt until the work is completed.

All pipe shall be carefully placed and supported at the proper lines and grades as shown on the drawings. Piping runs shown on the drawings shall be followed as closely as possible except for minor adjustments to avoid other piping or structural features. If major relocations are required, they shall be approved by the engineer. The bedding shall be defined as that material supporting, surrounding and extending to one foot above the top of the pipe. If soft, spongy, unstable or similar other material is encountered upon which the bedding material or pipe is to be placed, this unsuitable material shall be removed to a depth ordered by the city engineer and replaced with bedding material suitably densified. Bedding material shall first be placed so that the pipe is supported for the full length of the barrel with full bearing on the bottom segment of the pipe. Hunching of the pipe shall not be allowed. Pipe will be carefully inspected in the field before and after laying. If any cause for rejection is discovered in a pipe after it has been laid, it shall be subject to rejection. Any corrective work shall be

approved by the engineer.

Pipe shall be laid true to line and grade with uniform bearing under the full length of the barrel of the pipe. Suitable excavation shall be made to receive the bell or collar which shall not bear upon the subgrade or bedding. Any pipe which is not in true alignment or shows any undue settlement after laying shall be taken up and relaid at the contractor's expense. Pipe shall be laid upgrade with the socket ends of the pipe upgrade unless otherwise authorized by the engineer. Pipe sections shall be laid and joined in such a manner that the offset of the inside of the pipe at any joint will be held to a minimum at the invert.

The maximum horizontal offset at the invert of the pipe shall be 1% of the inside diameter of the pipe or 0.02 feet, whichever is smaller. The vertical grade shall be +/- **0.02 feet** of the design invert. In joining socket pipe, the spigot of each pipe shall be so seated in the socket of the adjacent pipe as to give a uniform annular space all around the pipe in the socket. Unavoidable offsets shall be distributed around the circumference of the pipe in such a manner that the minimum offset occurs at the invert. At the close of work each day, or whenever the work ceases for any reason, the end of the pipe shall be securely closed

9.2 Shoring and Sheathing

The contractor shall do such trench bracing, sheathing, or shoring necessary to perform and protect the excavation as required for safety and conformance to governing laws. The bracing, sheathing, or shoring shall not be removed in one operation but shall be done in successive stages to prevent overloading of the pipe during backfilling operations. All shoring and sheathing deemed necessary to protect the excavation and to safeguard employees, shall be installed.

9.3 Open Trench

Any excavated area shall be considered open trench until the trench backfill has been placed to subbase level. All trenches shall be completely backfilled as soon as possible after pipe laying. No open trench shall be allowed after the end of the work day. All trenches shall be backfilled before the end of the workday.

9.4 Protection of Existing Utilities

Unless otherwise illustrated on the plans or stated in the specifications, all utilities, both underground or overhead, shall be maintained in continuous service throughout the entire contract period. The contractor shall be responsible and liable for any damages to or interruption of service caused by the construction.

If the contractor desires to simplify his operation by temporarily or permanently relocating or shutting down any utility or appurtenance, he shall make the necessary arrangements and agreements with the utility purveyor and shall be completely responsible for all costs concerned with the relocation or shutdown and reconstruction. All property shall be reconstructed in its original or new location as soon as possible and to a condition at least as good as its previous condition. This cycle of relocation or shutdown and reconstruction shall be subject to inspection and approval by both the city engineer and the utility purveyor.

The contractor shall be entirely responsible for safeguarding and maintaining all conflicting utilities that are illustrated on the plans. This includes overhead wires and cables and their supporting poles whether they are inside or outside of the open trench. If, in the course of work, a conflicting utility line that was not illustrated on the plans is discovered, the city shall either negotiate with the utility purveyor for relocation, relocate the utility or change the alignment and grade of the trench.

9.5 Compaction Methods

Backfill material shall be compacted with hand and/or mechanical work methods using equipment such as roller, pneumatic tamps, and hydro-hammers or other approved devices which secure uniform and required density without injury to the pipe or related structures.

Water consolidation by jetting or flooding is not acceptable as a soil consolidation method unless authorized in the technical specification or approved by the city engineer.

9.6 Sanitary Sewer Gravity Main

The sanitary sewer gravity pipe material for diameter sizes 4 inches through 48 inches shall meet all requirements of ASTM D-3034 and ASTM F-679 (annex) in accordance with ASTM D1784. The pipe shall be joined with an integral bell to utilize the gasket for sealing. All gaskets shall meet the requirements of ASTM F-477. The pipe shall be made of P.V.C. plastic having a cell classification of 12454-B or 12454-C or 13364-B with a minimum tensile modules of 500,000 psi as defined in ASTM D-1784. Clean rework material may be used as long as the pipe produced meets all of the requirements of this specification. The PVC sanitary sewer pipe shall be installed according to the requirements of ASTM D2321, UNI-BELL UNI-PUB 6 and the requirements of the manufacturer. The pipeline diameter size shall be as indicated on the plans. The pipe lengths shall measure 20 feet in horizontal length.

10. PRECAST CONCRETE MANHOLES

10.1 Sewer Manholes

- A. Precast concrete manhole components shall be in accordance with ASTM C478 and the Standard Drawings.
- B. Manhole components shall be designed for H-20 highway wheel loading and specific site conditions.
- C. Manhole bases may be either precast or cast-in-place, as appropriate for the application, with a formed recess shaped to match the first precast shaft section. The manhole base shall extend 10" below the bottom of the lowest pipe and 6" above the top of the largest pipe.
- D. Manhole shafts shall be fabricated only from precast shaft sections, eccentric cone sections and grade rings.
- E. Pipe penetrations for sewer applications shall incorporate a watertight flexible pipe connector or ring-type seal according to the method of manhole construction as shown in the Standard Drawings. Precast manholes shall utilize either an integrally cast embedded pipe connector, or a boot-type connector installed in a circular block out opening in accordance with ASTM C923. Connections to existing manholes shall utilize a boot-type connector per ASTM C923 installed in a cored opening. Cast-in-place bases shall incorporate a ring-type seal on the pipe to be embedded in the concrete.
- F. Manholes on sewer mains 18" or larger, and all drop manholes regardless of the size of the sewer main, shall be PVC lined and polyurethane coated. Precast shaft sections, cone sections and grade rings on PVC-lined manholes shall have an integrally- cast PVC T-shaped liner of 0.065" minimum thickness. A 100% solids elastomeric polyurethane coating shall be applied to exposed concrete at the interior of precast and cast-in-place bases.

10.2 Sewer Manholes

- A. Manhole frames shall be 36" in diameter with two concentric covers, made of cast-iron in accordance with ASTM A48 Class 30, the Standard Drawings and the Approved Materials List. Covers shall incorporate a "pic-hole" for lifting purposes.
- B. Frames and covers shall be designed for H-20 highway wheel loading.
- C. Covers shall be cast with the words "SEWER" as appropriate to the application. No other lettering will be permitted on the top portion of the cover
- D. Castings shall be smooth, clean, and free from blisters, blowholes, and shrinkage. Mating surfaces of the frame and cover shall be machined to prevent movement of the lid. Frames and covers shall be match marked in sets before shipping to the site. Castings shall be smooth, clean, and free from blisters, blowholes, and shrinkage. Mating surfaces of the frame and cover shall be machined to prevent movement of the lid. Frames and covers shall be match marked in sets before shipping to the site.
- E. All castings shall be dipped twice in a preparation of asphalt or coal tar and oil applied at a temperature of not less than 143.3 °C (290 °F) nor more than 154.4 °C (310 °F) and in such a manner as to form a firm and tenacious coating.

10.3 Manhole Base

- A. The invert of precast and cast-in-place bases shall be hand-worked to provide channels conforming in size to the inside diameter of the piping as indicated on the Approved Plans. The channels shall vary uniformly in size and shape from inlet to outlet. The concrete base shall be shaped with a wood float and shall receive a hard steel trowel finish before the concrete sets. A template shall be used to accurately form the level surface that will receive the first precast section.
- B. During construction of cast-in-place bases, all sewer mains and stub piping shall be in place, including ring-type seals, before concrete placement. Pipe grade and alignment shall be verified immediately upon placement of concrete to assure that the pipelines are in proper position prior to the concrete taking an initial set. The invert elevation and flow line of piping shall be as shown on the Approved Plans and Standard Drawings. The manhole base shall extend 10" below the bottom of the lowest pipe and 6" above the top of the largest pipe.
- C. Cast-in-place bases shall set a minimum of 24 hours before the manhole construction is continued. In certain critical situations, the setting time may be reduced upon approval of the City.

10.4 Installing Manhole Sections

- A. The concrete manhole base and successive precast sections will receive a mastic joint sealing compound prior to setting the precast sections in place as shown on the Standard Drawings. Following the vacuum testing as described in this section, the joints will be mortared and tooled to a smooth finish, free of voids. Note that sewer manholes are to be vacuum tested following assembly of the concrete sections, but prior to mortaring the joints, or backfilling.
- B. Manhole components incorporating a PVC liner and polyurethane coating shall be installed and tested in accordance with these specifications, the manufacturer's recommendations, and the Standard Drawings. Upon assembly of the precast sections and vacuum testing as described in this section, the mortaring and finishing of joints shall be performed. The PVC liner seams at the joints shall then be welded. The PVC liner shall be secured by insertion between the uppermost grade ring and the manhole cover frame. Note that PVC lined sewer manholes are to be vacuum tested following assembly of the concrete sections, but prior to mortaring the joints, welding the seams of the PVC liner, or backfilling. The polyurethane coating of all exposed concrete on the manhole base shall follow completion of the entire installation and all construction activity within the manhole.
- C. After the frame is securely set the cover shall be installed. All necessary cleaning of foreign materials from the frames and covers shall be accomplished to ensure a satisfactory fit.
- D. Where manholes are to be given a protective coating, they shall be free of seepage and surface moisture. Piping installation adjacent to the manhole and connection to the base or shaft sections shall be performed as shown on the Standard Drawings and Approved Plans.
- E. Piping installation into flexible pipe connectors shall be in accordance with the manufacturer's recommendations for assembly, lubricants and limits of deflection.
- F. New connections to existing manholes, where stubs have not been provided, shall be made by core drilling through the walls or base as directed by the City. Flexible seals shall be installed in accordance with the Standard Drawings shall be used for the pipe penetration. Apply a protective epoxy coating to the cored concrete and the ends of any reinforcing steel exposed.
- G. A concrete ring shall be cast around manhole frames within paved and traveled areas in accordance with the Standard Drawings.

10.5 Holiday Testing of PVC Lined Manholes

PVC-Lined and Polyurethane-coated surfaces shall be holiday tested with an electrical holiday detector as manufactured by Tinker and Razor (Model AP-W with power pack) with the instrument set at 20,000 volts and used as directed by the City. All imperfections identified on the PVC lining and polyurethane coating shall be repaired with materials-in-kind and the test shall be repeated until no holidays are evident.

- 11. NOT USED
- 12. NOT USED
- 13. NOT USED

14. NOT USED
15. NOT USED
16. NOT USED
17. NOT USED

18. UTILITY COVER ADJUSTMENTS TO GRADE

Manholes shall be adjusted to grade in accordance with Section 302-5.8, "Manholes," of the GREENBOOK and as supplemented herein.

REPLACEMENT PARTS FOR ADJUSTING MANHOLES, VALVES AND/OR SURVEY MONUMENT WELLS WILL BE SUPPLIED AT NO COST TO THE CONTRACTOR BY THE CITY OF IMPERIAL AS NEEDED.

18.1 Reference Setting.

Contractor shall note and reference the locations of the manholes and water valves and vaults prior to placing pavement in order to locate and raise them following the work. Manhole, water valve and of vault locations and distance from reference points to the center of each such facility shall be marked on either a curb face or other reference point indicators (stakes) by contractor prior to getting any paving.

18.2 Adjustment to Grade

Contractor shall lower manhole and water valves within areas designated for cold milling prior to cold milling operations. Each such manhole water valve or utility box shall be lowered to a depth below the required milling depth. Frames and covers and utility boxes shall be removed to the city yard facility and a ½" thick steel plate shall be provided to cover the hole where the utility facility exists. Temporary AC shall be provided to fill any voids in the roadway surface which remain after the cover is in its final lowered position.

After completion of paving, the facility shall be raised to grade. The finish grade of raised facilities shall be ¼-inch below the finish grade of the asphalt concrete pavement.

Contractor shall exercise care such that rocks, dirt and debris do not enter sewer lines.

The water valves shall be raised as follows: the asphalt pavement immediately adjacent to the water valve shall be removed, the existing frame and cover removed, the existing sleeve extended or replaced with matching material to extend from the valve to the new valve frame elevation, the water valve frame and cover placed to match the respective water district's standards, the water valve and cover and adjusted to proper grade, and the pavement replaced with a minimum of two inches of asphalt concrete.

Contractor shall notify the respective utility owners at least five working days in advance of the paving operations and again after completion of paving operations. Such notifications of utilities to be adjusted to grade by others shall be made in writing. Contractor shall mark locations of utilities for those locations of facilities to be adjusted to grade by others.

The Contractor shall take care to insure no intrusion of gravel or pulverized material into the manholes or valve stem areas.

18.3 Payment.

Compensation for raising utility facilities to grade based on the applicable bid item for each type of facility and type of adjustment, and whether single or double. Single shall mean leaving the facility in place until paving is complete and raising the grade thereafter. Double shall mean removing the facility prior to paving and reestablishing the facility at finish grade per specifications after paving. The unit price bid shall be considered full compensation for removing the facility, and storing and replacing it as applicable, protecting the facility at all times during the procedure and as specified, and resetting the facility at finish grade, including all materials, equipment and labor and incidentals.

19. COOPERATION

Attention is directed to Sections 7-1.14, "Cooperation" and 8-1.10, "Utility and Non-Highway Facilities" of the Standards Specifications.

The contractor shall obtain an Encroachment Permit from the County prior to any construction activities. The contractor shall contact the Permit Specialist at the County of Imperial to verify all fees and requirements prior to bidding of project. The cost for obtaining the Permit shall be distributed among all the bid items accordingly. The County of Imperial, Department of Public Works shall be notified of all contractor's activities.

20. SANITARY ARRANGEMENTS

The Contractor shall make provisions for and maintain in a sanitary manner at the work site all necessary and sanitary conveniences for the workmen, in accordance with the rules and regulations of the State Board of Health.

21. ACCESS

The Contractor's attention is directed to the existing pedestrian and vehicular access ways crossing the lines of work. These access ways shall not be closed unless an alternate access way is provided. The Contractor shall assume full responsibility for providing alternate access. The compensation for the work in this item shall be considered as included in the cost of the various contract items of work and additional compensation will be made therefore.

22. INSURANCE

The Contractor's attention is directed to the amount of insurance as shown in General Provisions.

23. CONSTRUCTION CONFERENCE

The Contractor's attention is directed to the preconstruction conference as stated in Section 6 of the General Provisions.

24. SUBMITTALS

The Contractor shall submit at minimum the following submittals for review and approval:

- Construction Schedule
- Traffic Control Plan
- Letter Designating Project Superintendent.
- Class II Base gradation, durability, R-value and sand equivalent.
- Sand backfill gradation and sand equivalent.
- AC mix design. The percent bitumen, sieve analysis, durability, resistance (R-value), aggregate gradation and all other standard parameters.
- P.C.C. concrete mix design
- Masonry walls. Retaining wall submittal information.
- Precast manhole shafts and cones
- Precast manhole coating system
- Ductile iron manhole rings and covers
- PVC Pipe
- Pre Cast Wet well

END OF SPECIAL PROVISION

Appendix C

Project Plans

SEWER GENERAL NOTES:

THE WORK SPECIFIED UNDER THIS SECTION INCLUDES THE MANUFACTURE, CONSTRUCTION AND INSTALLATION OF POLYVINYLCHLORIDE (PVC) PIPE AND FITTINGS FOR WATER LINES AND FOR GRAVITY AND PRESSURE SANITARY SEWERS.

SUBMITTALS
SUBMIT MANUFACTURER'S DATA ON PIPE FURNISHED, INDICATING COMPLIANCE WITH THE SPECIFICATIONS REGARDING DIMENSIONS, THICKNESS, WEIGHTS, AND MATERIALS. SUBMIT MANUFACTURER'S "CERTIFICATE OF COMPLIANCE," STATING THAT THE MATERIALS FURNISHED COMPLY WITH THIS SPECIFICATION.

MATERIAL
GREEN COLORED POLYVINYL CHLORIDE (PVC) GRAVITY PIPE AND FITTINGS IN SIZES SIX INCH (6") THROUGH TWELVE INCH (12") SHALL CONFORM TO ASTM D3034 AND BE UL LISTED AND APPROVED BY THE NATIONAL SANITATION FOUNDATION. PIPE AND FITTINGS SHALL BE SDR-26. EIGHTEEN INCH (18") PIPE AND FITTINGS SHALL BE SDR-26 AND CONFORM TO ASTM F-679. TWENTY ONE INCH (21") PIPE AND FITTINGS SHALL BE PVC PS115 AND CONFORM TO ASTM F-679.

POLYVINYL CHLORIDE (PVC) PRESSURE PIPE, FOUR (4) INCH THROUGH EIGHT (8) INCH, SHALL BE GREEN IN COLOR AND SHALL CONFORM TO THE CURRENT ASTM D2241, AWWA - C900, OR AWWA C909 STANDARD.

TESTING FOR SANITARY SEWER GRAVITY SYSTEM

MANHOLE TESTING
AFTER COMPLETION OF MANHOLE CONSTRUCTION, WALL SEALING, OR REHABILITATION, TEST MANHOLES FOR LEAKAGE.

HYDROSTATIC TESTING
• THE MAXIMUM LEAKAGE FOR HYDROSTATIC TESTING OR ANY ALTERNATIVE TEST METHODS IS 0.025 GALLONS PER FOOT DIAMETER PER FOOT OF MANHOLE DEPTH PER HOUR.

• SEAL ALL WASTEWATER PIPES COMING INTO A MANHOLE WITH AN INTERNAL PIPE PLUG, FILL THE MANHOLE WITH WATER UP TO THE MANHOLE COVER AND MAINTAIN THE TEST FOR AT LEAST ONE HOUR.

• A TEST FOR CONCRETE MANHOLES MAY USE A 24-HOUR WETTING PERIOD BEFORE TESTING TO ALLOW SATURATION OF THE CONCRETE.

GRAVITY PIPE LEAKAGE TESTING
TESTS SHALL BE MADE BY THE LOW-PRESSURE AIR TEST OR THE INFILTRATION TEST. THE INFILTRATION TEST SHALL BE USED WHEN THE GROUNDWATER LEVEL IS AT LEAST 2 FT ABOVE THE CROWN OF THE PIPE MEASURED AT THE UPSTREAM MANHOLE. THE LOW-PRESSURE AIR TEST, THE INFILTRATION TEST AND THE EXFILTRATION TEST SHALL BE CONDUCTED FROM MANHOLE TO MANHOLE. TRENCHES SHALL BE COMPLETELY BACKFILLED AND SEWER LINE SHOULD BE FREE OF DEBRIS PRIOR TO TESTING. PLUG ALL PIPE OUTLETS INCLUDING LATERALS AND SECURE PLUGS TO PREVENT LEAKAGE BLOWOUT DUE TO TESTING PRESSURE.

INFILTRATION TEST
THE TOTAL INFILTRATION, AS DETERMINED BY A HYDROSTATIC HEAD TEST, SHALL NOT EXCEED 50 GALLONS PER INCH OF DIAMETER PER MILE OF PIPE PER 24 HOURS AT A MINIMUM TEST HEAD OF 2.0 FEET ABOVE THE CROWN OF A PIPE AT AN UPSTREAM MANHOLE. FOR CONSTRUCTION WITHIN THE 100-YEAR FLOOD PLAIN, THE TOTAL INFILTRATION SHALL NOT EXCEED TEN GALLONS PER INCH OF DIAMETER PER MILE OF PIPE PER 24 HOURS.

SIZE OF PIPE	ALLOWABLE LEAKAGE* GAL./MIN/100 FT.
6"	0.0039
8"	0.0053
10"	0.0066
12"	0.0079
15"	0.0099
18"	0.0118
21"	0.0138
24"	0.0158
27"	0.0178
30"	0.0197
36"	0.0237

* EQUIVALENT TO 50 GAL. PER INCH DIAMETER PER MILE PER 24 HOURS

INFILTRATION TEST EXECUTION
STOP ALL DEWATERING OPERATIONS AND ALLOW THE GROUNDWATER TO RETURN TO ITS NORMAL LEVEL AND ALLOW TO REMAIN SO FOR AT LEAST 24 HOURS. LEAKAGE SHALL BE DETERMINED BY MEASURING THE FLOW THROUGH THE OPENING IN THE DOWNSTREAM PLUG FOR AT LEAST 15 MINUTES. FIVE SEPARATE MEASUREMENTS SHALL BE MADE. THE AVERAGE OF THE MEASUREMENTS SHALL BE USED, DISCARDING ANY ONE OF THE FIVE MEASUREMENTS EXCEPT THE LAST THAT VARIES BY MORE THAN 50% FROM THE AVERAGE OF THE OTHER FOUR. IF THE RESULTS OF THE TESTS ARE OTHERWISE SATISFACTORY, BUT THE LAST OF THE FIVE MEASUREMENTS SHOW LEAKAGE IN EXCESS OF THAT PERMITTED, THE TESTS SHALL BE CONTINUED TO DETERMINE IF ADDITIONAL LEAKS MAY HAVE DEVELOPED DURING TESTING.

AIR TEST
THE PIPE SHALL BE PRESSURIZED TO 5 POUNDS PER SQUARE INCH GAUGE (PSIG) GREATER THAN THE PRESSURE EXERTED BY GROUNDWATER ABOVE THE PIPE. ONCE THE PRESSURE IS STABILIZED, THE MINIMUM TIME ALLOWABLE FOR THE PRESSURE TO DROP 1.0 PSIG SHALL BE 5 MINUTES PER EVERY 100 FEET OF PIPE PLUS (+) 5 MINUTES PER EACH SERVICE CONNECTION. THE TEST MAY BE STOPPED IF NO PRESSURE LOSS HAS OCCURRED DURING THE FIRST 25% OF THE CALCULATED TESTING TIME. IF ANY PRESSURE LOSS OR LEAKAGE HAS OCCURRED DURING THE FIRST 25% OF THE TESTING PERIOD, THEN THE TEST SHALL CONTINUE FOR THE ENTIRE TEST DURATION AS OUTLINED IN THIS SUBPARAGRAPH OR UNTIL FAILURE.

AIR TEST EXECUTION
ADD AIR UNTIL THE INTERNAL AIR PRESSURE OF THE SEWER LINE IS RAISED TO APPROXIMATELY 5.5 PSIG. ALLOW THE AIR PRESSURE TO STABILIZE. THE PRESSURE WILL NORMALLY DROP UNTIL THE TEMPERATURE OF THE AIR IN THE LINE STABILIZES. WHEN THE PRESSURE HAS STABILIZED AND IS AT OR ABOVE THE STARTING TEST PRESSURE OF 5 PSIG, COMMENCE THE TEST BY ALLOWING THE GAGE PRESSURE TO DROP TO 5 PSIG AT WHICH POINT THE TIME RECORDING IS INITIATED. RECORD THE DROP IN PRESSURE FOR THE TEST PERIOD.

DEFLECTION TESTING
DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPES. FOR PIPELINES WITH INSIDE DIAMETERS LESS THAN 27 INCHES, A RIGID MANDREL SHALL BE USED TO MEASURE DEFLECTION. OTHER METHODS SHALL PROVIDE A PRECISION OF TWO TENTHS OF ONE PERCENT (0.2%) DEFLECTION. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5.0%. IF A PIPE SHOULD FAIL TO PASS THE DEFLECTION TEST, THE PROBLEM SHALL BE CORRECTED AND A SECOND TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AN ADDITIONAL 30 DAYS. THE TESTS SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.

MANDREL SIZING
THE RIGID MANDREL SHALL HAVE AN OUTSIDE DIAMETER (O.D.) EQUAL TO 95% OF THE INSIDE DIAMETER (I.D.) OF THE PIPE. THE INSIDE DIAMETER OF THE PIPE, FOR THE PURPOSE OF DETERMINING THE OUTSIDE DIAMETER OF THE MANDREL, SHALL BE THE AVERAGE OUTSIDE DIAMETER MINUS TWO MINIMUM WALL THICKNESSES FOR O.D. CONTROLLED PIPE AND THE AVERAGE INSIDE DIAMETER FOR I.D. CONTROLLED PIPE. ALL DIMENSIONS SHALL BE PER APPROPRIATE STANDARD. STATISTICAL OR OTHER "TOLERANCE PACKAGES" SHALL NOT BE CONSIDERED IN MANDREL SIZING.

MANDREL DESIGN
THE RIGID MANDREL SHALL BE CONSTRUCTED OF A METAL OR RIGID PLASTIC MATERIAL THAT CAN WITHSTAND 200 PSI WITHOUT BEING DEFORMED. THE MANDREL SHALL HAVE NINE OR MORE "RUNNERS" OR "LEGS" AS LONG AS THE TOTAL NUMBER OF LEGS IS AN ODD NUMBER. THE BARREL SECTION OF THE MANDREL SHALL HAVE A LENGTH OF AT LEAST 75% OF THE INSIDE DIAMETER OF THE PIPE. A PROVING RING SHALL BE PROVIDED AND USED FOR EACH SIZE MANDREL IN USE.

TV CAMERA INSPECTION
T.V. CAMERA INSPECTION SHALL BE PERFORMED ON ALL SEWER PIPE INSTALLED BEFORE ACCEPTANCE. WHEN THE CONTRACTOR PERFORMS THE INSPECTION, THE CITY ENGINEER OR HIS REPRESENTATIVE SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS PRIOR SO THAT HE/SHE CAN VIEW THE PROCEDURE. THE INSPECTION SHALL BE IN DIGITAL VIDEO FORMAT, SAVED TO A DVD OR CD (ENCLOSED WITHIN A PROTECTIVE CASE) AND SHALL BE GIVEN TO THE CITY ENGINEER OR HIS REPRESENTATIVE FOR REVIEW AND FINAL RECORDS.

THE LINES SHALL BE COMPLETELY FILLED WITH POTABLE WATER BETWEEN MANHOLES TO FILL THE SERVICE CONNECTIONS AND DRAINED PRIOR TO T.V. CAMERA INSPECTION. LINE SHALL BE CLEANED PRIOR TO T.V. INSPECTION. ALL DIRT/DEBRIS, INCLUDING PIPE GREASE, IN THE LINE WHICH COULD COVER A DEFECT SHALL BE REMOVED. LINE SHOULD BE CLEANED BEFORE BEING FILLED WITH WATER. JETTING OF THE LINES IN CONJUNCTION WITH THE T.V. INSPECTION IS PROHIBITED. IF THE LINE TO BE TELEVISED IS DISCOVERED TO CONTAIN FOREIGN MATERIAL, WHICH PROHIBITS AN ACCEPTABLE T.V. INSPECTION, THE LINE SHALL BE JETTED AND TELEVISED AGAIN.

THE T.V. INSPECTION SHALL BE USED TO IDENTIFY DEFECTIVE CONSTRUCTION SUCH AS SAGS, DEBRIS, SEPARATED JOINTS, ETC. THE CITY ENGINEER SHALL MAKE ALL FINAL DETERMINATIONS IF THE SEVERITY OF THE DEFECT CONSTITUTES FAILURE AND SUBSEQUENT REMOVAL OF THE SEGMENT IN QUESTION.

RETESTS
MANHOLES OR SEWERS WHICH FAIL TO MEET THE TESTING REQUIREMENTS SHALL BE REPAIRED AND RETESTED BY THE CONTRACTOR. ALL REPAIRS AND RETESTING SHALL BE PERFORMED AT THE EXPENSE OF THE CONTRACTOR.


CONNECTION OF NEW LINES TO EXISTING MANHOLES
THIS ITEM SHALL GOVERN FOR THE CONNECTING OF NEW SEWER LINES TO EXISTING MANHOLES, WHERE SO INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

THIS CONNECTING NEW SEWER LINES TO EXISTING MANHOLES WILL BE PAID FOR AT THE UNIT PRICE BID IN THE PROPOSAL FOR EACH CONNECTION MADE. THE PRICE WILL BE FULL REMUNERATION FOR MAKING THE CONNECTION COMPLETE, INCLUDING CUTTING THE HOLE IN THE MANHOLE, SHAPING THE BOTTOM OF THE MANHOLE OF NECESSARY, GROUTING THE PIPE AND INCLUDING THE FURNISHING OF ALL EQUIPMENT, LABOR, MATERIALS, POWER, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK, EXCEPT THE PIPE.

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BY: _____ DAVID B. DALE, P.E.	DATE _____	

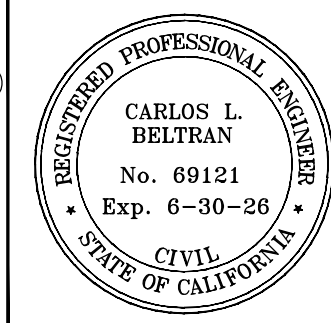
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CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
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BENCHMARK DESCRIPTION (STAMPED "D1225"):
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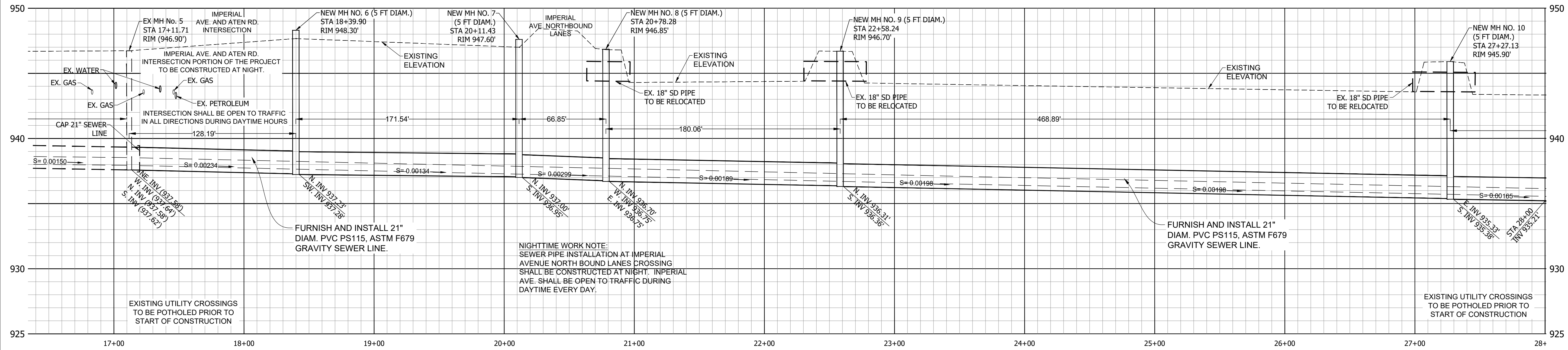
PREPARED UNDER THE DIRECT SUPERVISION OF:

69,121
CARLOS L. BELTRAN, P.E.
R.C.E. NO.
06/30/26
REG. EXP.

PROJECT TITLE: CITY OF IMPERIAL
ATEN ROAD AND IMPERIAL AVE. SEWER IMPROVEMENTS
PROJECT PHASE 2 - BID NO. 2025-06

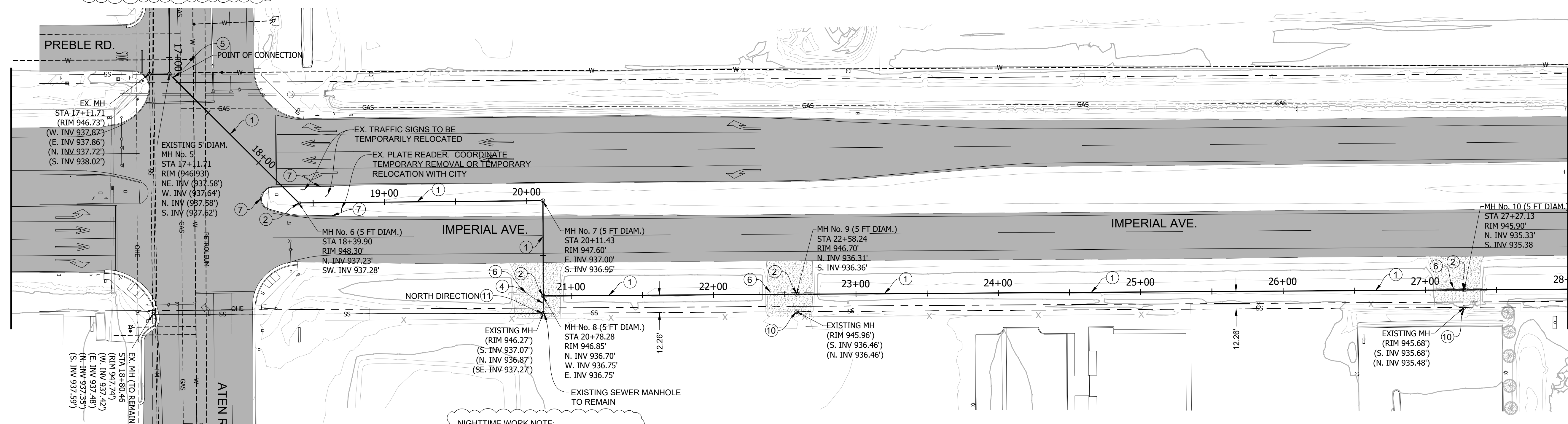
SHEET CONTENT: SEWER GENERAL NOTES

SCALE:	SHEET
DRAWN BY: DB, FM	2
REVISED BY: CB	OF 8 SHEET
APRIL 10, 2025	JOB NO. DCE 392724



IMPERIAL AVE. SEWER LINE - PROFILE
 VERTICAL SCALE: 1" = 4'
 HORIZONTAL SCALE: 1" = 40'

NIGHTTIME WORK NOTE:
 SEWER PIPE INSTALLATION AT IMPERIAL AVENUE AND ATEN ROAD INTERSECTION SHALL BE CONSTRUCTED AT NIGHT. INTERSECTION SHALL BE OPEN TO TRAFFIC DURING DAYTIME EVERY DAY.



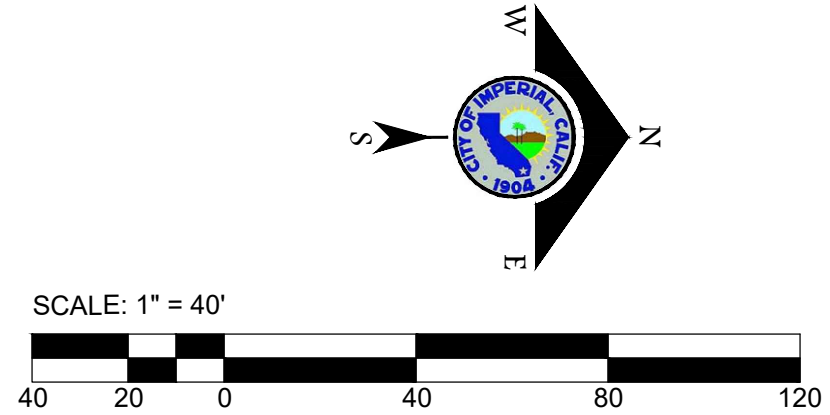
IMPERIAL AVE. SEWER LINE - PLAN VIEW

NIGHTTIME WORK NOTE:
 SEWER PIPE INSTALLATION AT IMPERIAL AVENUE NORTH BOUND LANES CROSSING SHALL BE CONSTRUCTED AT NIGHT. IMPERIAL AVE. SHALL BE OPEN TO TRAFFIC DURING DAYTIME EVERY DAY.

SEWER CONSTRUCTION NOTES:

- ① FURNISH AND INSTALL 21" PVC PS115, ASTM F679 SEWER PIPE. FOR TRENCH DETAILS SEE DETAILS 3 AND 4 ON SHEET 7.
- ② FURNISH AND INSTALL 5 FT DIAMETER SEWER MANHOLE PER DETAIL 10, SEE SHEET 8.
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- ④ FURNISH AND INSTALL 8" PVC SDR 26, ASTM D3034 SEWER PIPE. FOR TRENCH DETAILS SEE DETAILS 3 AND 4 ON SHEET 7. CONNECT EXISTING SEWER MANHOLE TO NEW SEWER MANHOLE.
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NOTE:
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APPROVED BY DIRECTOR OF PUBLIC SERVICES
 CITY OF IMPERIAL, CA
 BY: DAVID B. DALE, P.E. DATE

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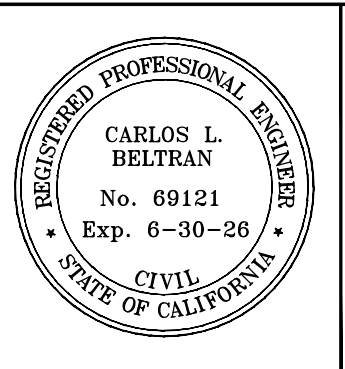
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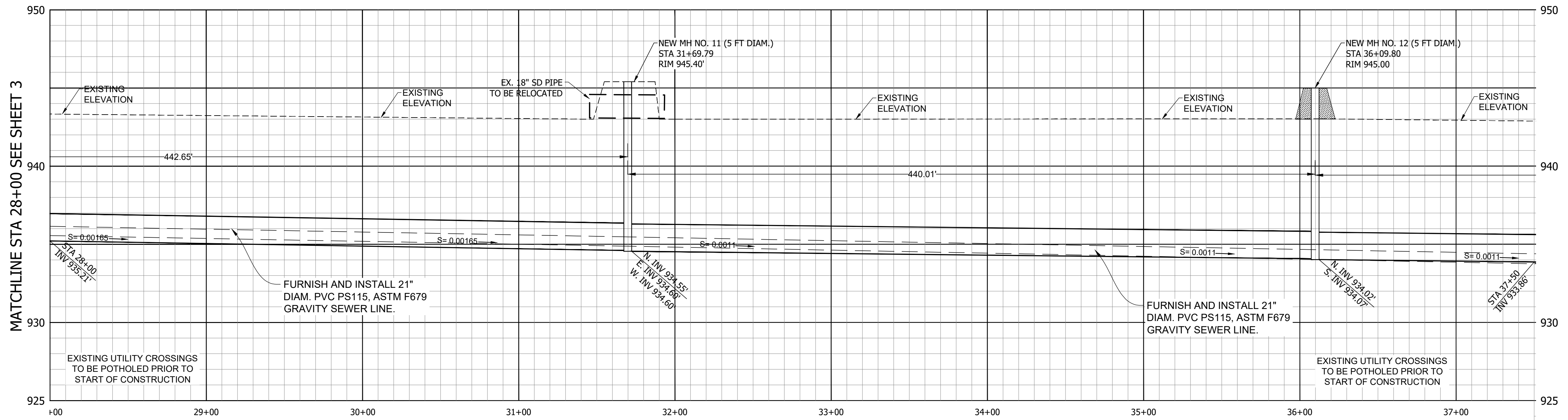


PREPARED UNDER THE DIRECT SUPERVISION OF:
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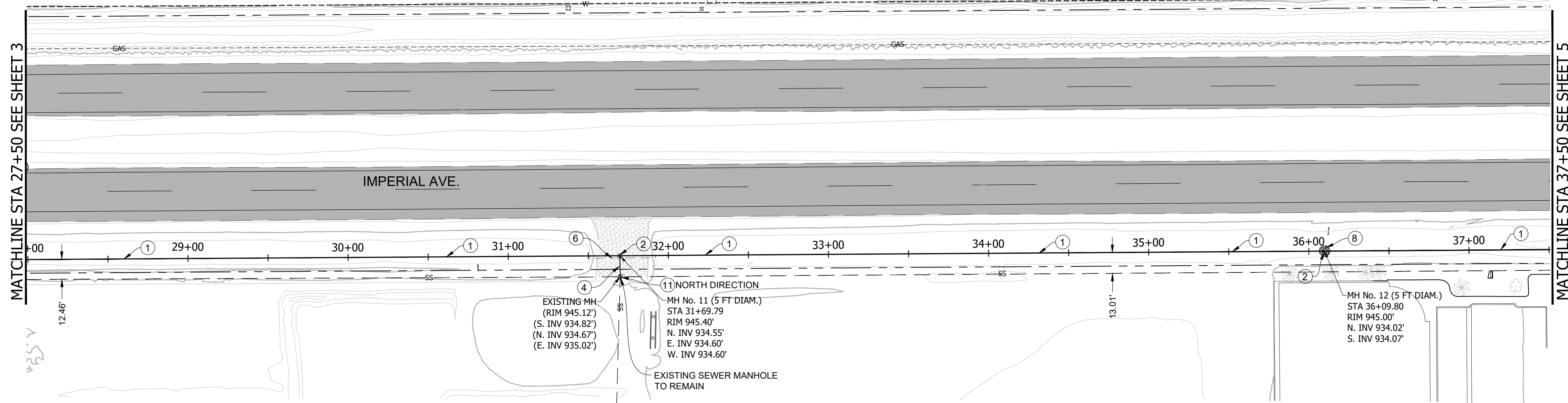
PROJECT TITLE: CITY OF IMPERIAL
 ATEN ROAD AND IMPERIAL AVE. SEWER IMPROVEMENTS
 PROJECT PHASE 2 - BID NO. 2025-06
 SHEET CONTENT:
 IMPERIAL AVE. SEWER IMPROVEMENT PLANS
 STA 17+11.71 TO STA 28+00

SCALE:
 DRAWN BY: DB, FM
 REVISED BY: CB
 APRIL 10, 2025

SHEET
3
 OF 8 SHEETS
 JOB NO.
DCE 392724



IMPERIAL AVE. SEWER LINE - PROFILE
 VERTICAL SCALE: 1" = 4'
 HORIZONTAL SCALE: 1" = 40'



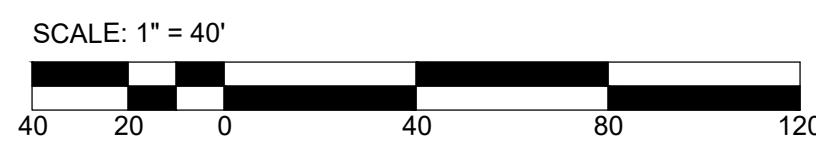
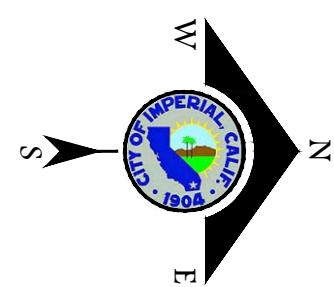
IMPERIAL AVE. SEWER LINE - PLAN VIEW

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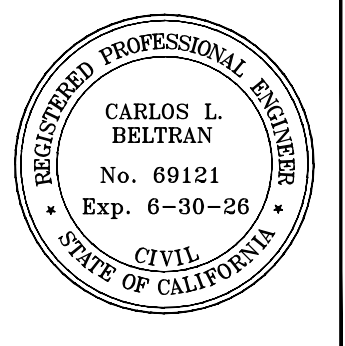
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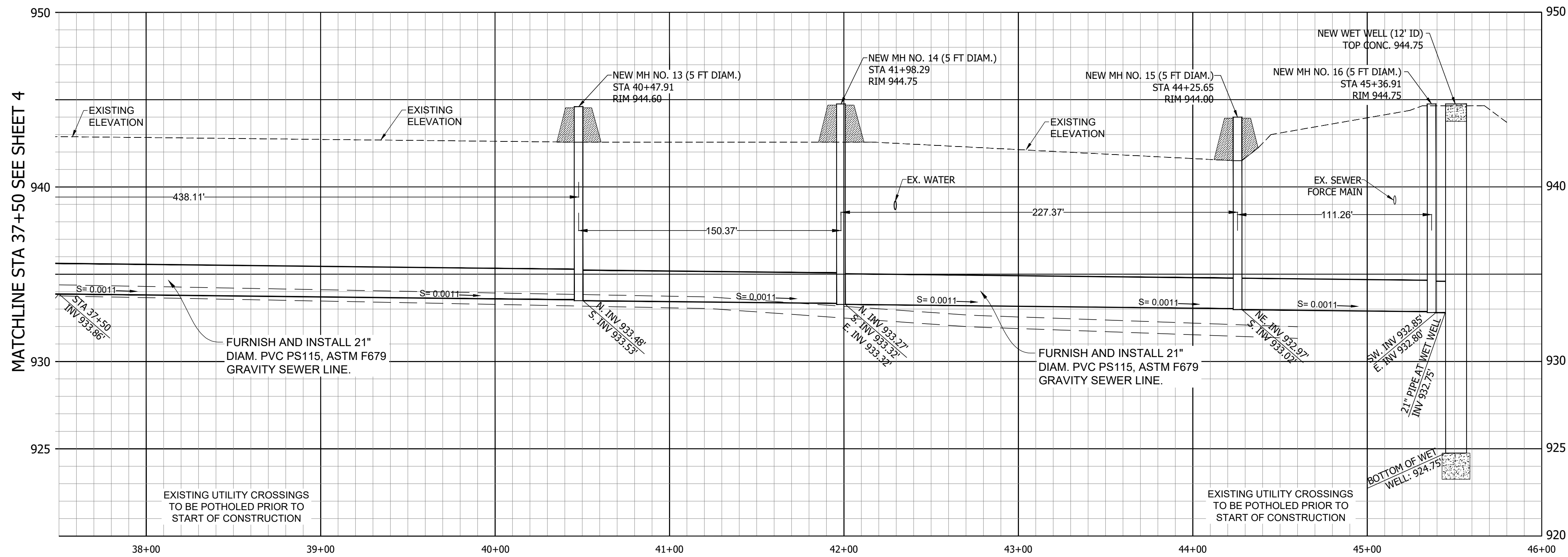
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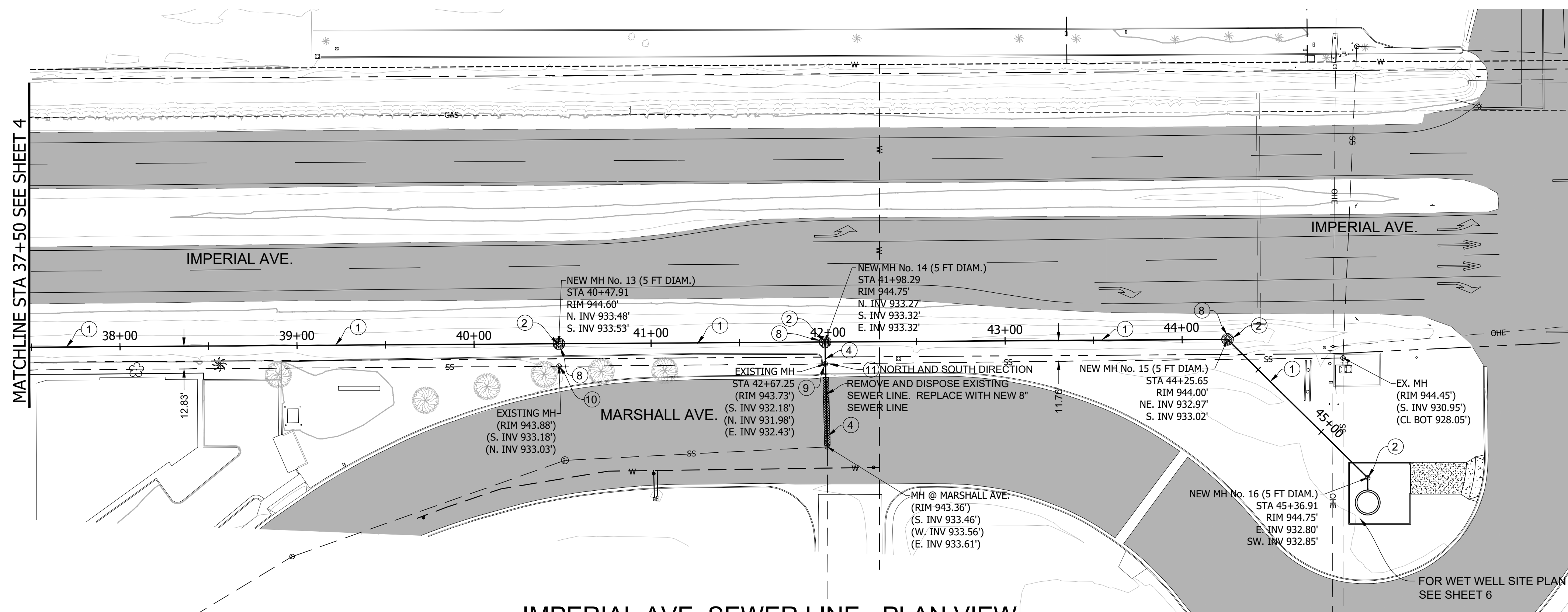
PREPARED UNDER THE DIRECT SUPERVISION OF:
 CARLOS L. BELTRAN, P.E.
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PROJECT TITLE: CITY OF IMPERIAL
 ATEN ROAD AND IMPERIAL AVE. SEWER IMPROVEMENTS
 PROJECT PHASE 2 - BID NO. 2025-06
 SHEET CONTENT:
 IMPERIAL AVE. SEWER IMPROVEMENT PLANS
 STA 28+00 TO STA 37+50

SCALE:	SHEET
DRAWN BY: DB, FM	4
REVISED BY: CB	OF 8 SHEETS
APRIL 10, 2025	JOB NO. DCE 392724



IMPERIAL AVE. SEWER LINE - PROFILE
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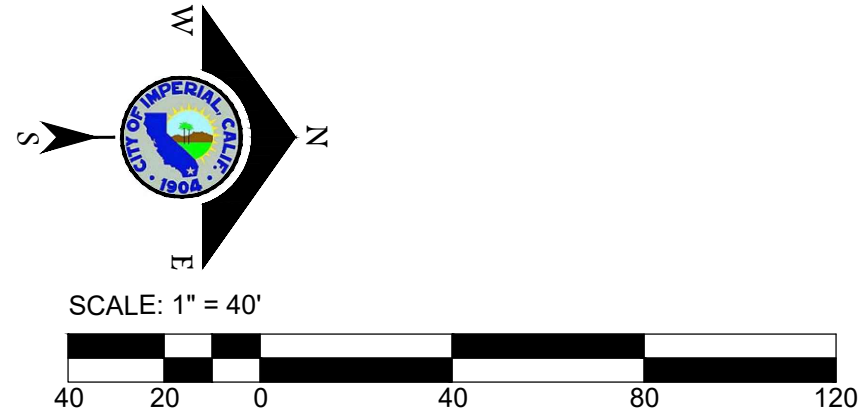
IMPERIAL AVE. SEWER LINE - PLAN VIEW

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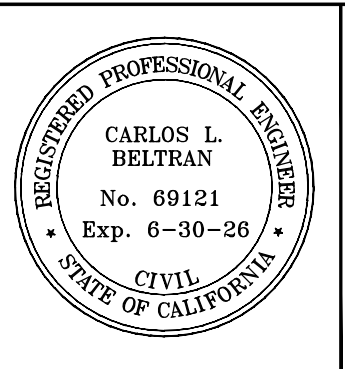
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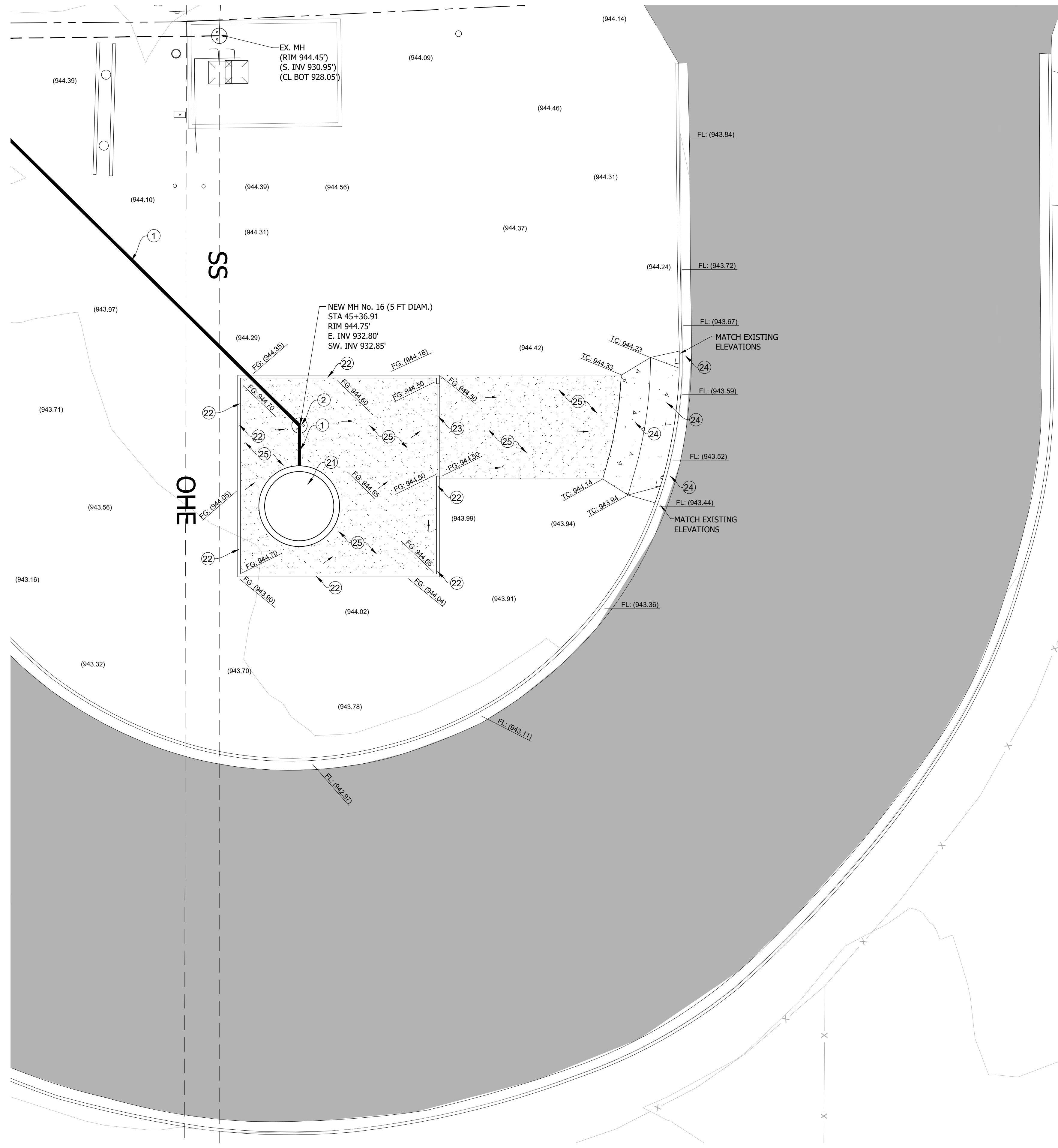
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 PROJECT PHASE 2 - BID NO. 2025-06
 SHEET CONTENT:
 IMPERIAL AVE. SEWER IMPROVEMENT PLANS
 STA 37+50 TO STA 45+44

SCALE:
 DRAWN BY: DB, FM
 REVISED BY: CB
 SHEET
5
 OF 8 SHEETS
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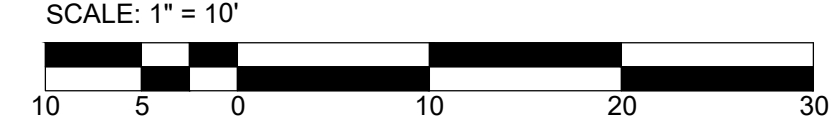
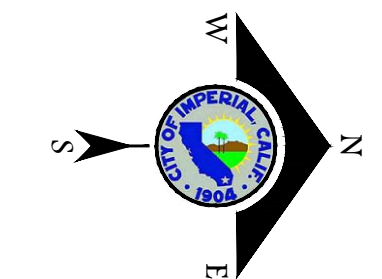


WET WELL CONSTRUCTION NOTES:

- 21 FURNISH AND INSTALL PRECAST WELL PER DETAIL 1, SEE SHEET 7.
- 22 INSTALL 6 FT HEIGHT PERIMETER BLOCK WALL PER DETAIL 2, SEE SHEET 7.
- 23 INSTALL 16 FT WIDE CHAIN LINK GATE PER DETAIL 12, SEE SHEET 8.
- 24 REMOVE EXISTING CURB AND GUTTER AND INSTALL NEW CURB AND GUTTER AND DRIVEWAY APPROACH PER DETAILS 11 AND 15, SEE SHEET 8 AND DETAIL 5, SEE SHEET 7.
- 25 INSTALL 9 INCHES OF CLASS II BASE OVER 12 INCHES OF COMPACTED NATIVE MATERIAL. COMPACT NATIVE MATERIAL TO 90% COMPACTION IN 6 INCH MAXIMUM LIFTS.

SEWER CONSTRUCTION NOTES:

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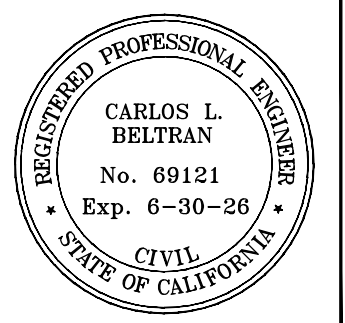
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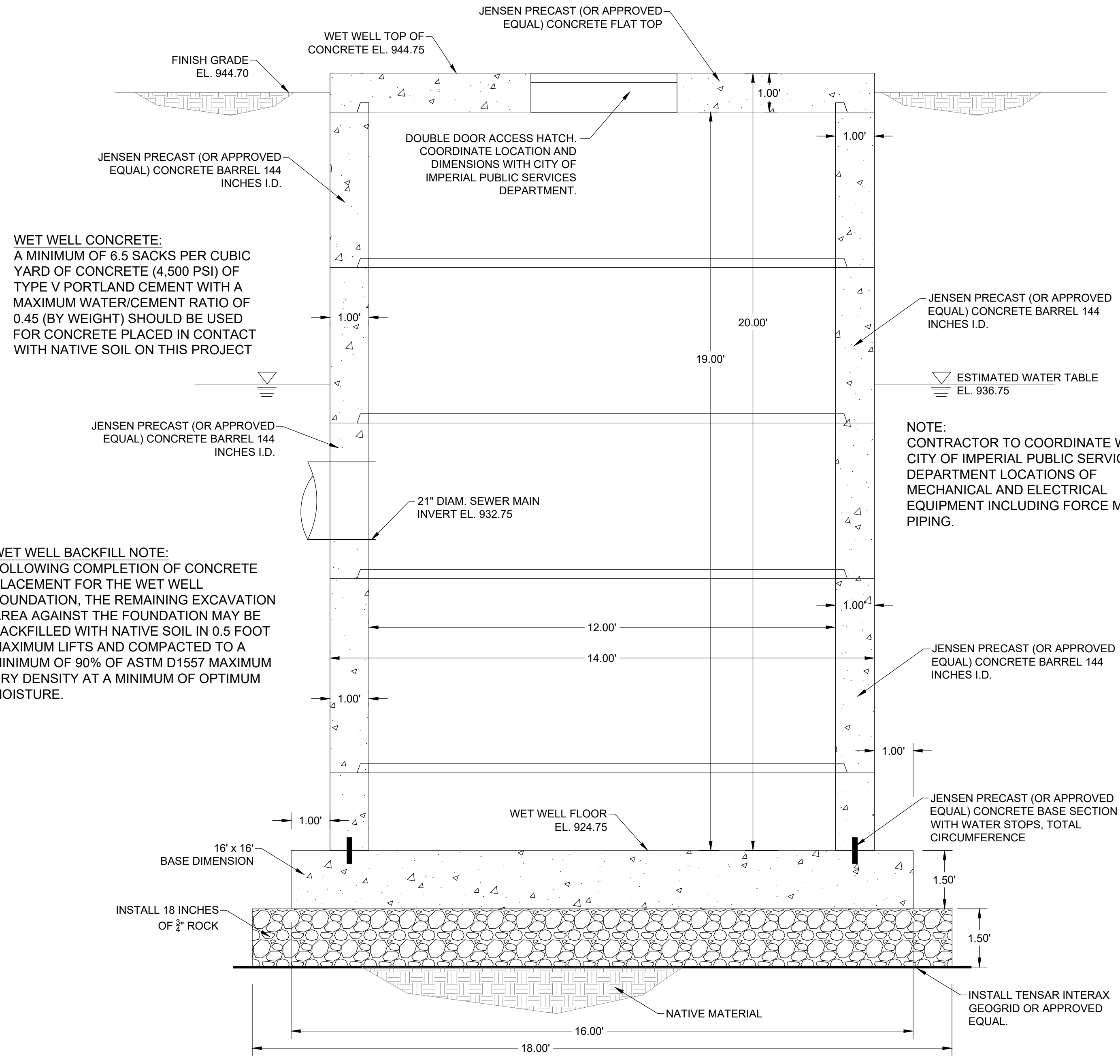
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PROJECT TITLE: CITY OF IMPERIAL
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SHEET CONTENT:
 NEW SEWER WET WELL
 SITE PLAN

SCALE:	SHEET
DRAWN BY: DB, FM	6
REVISED BY: CB	OF 8 SHEET
APRIL 10, 2025	JOB NO. DCE 392724

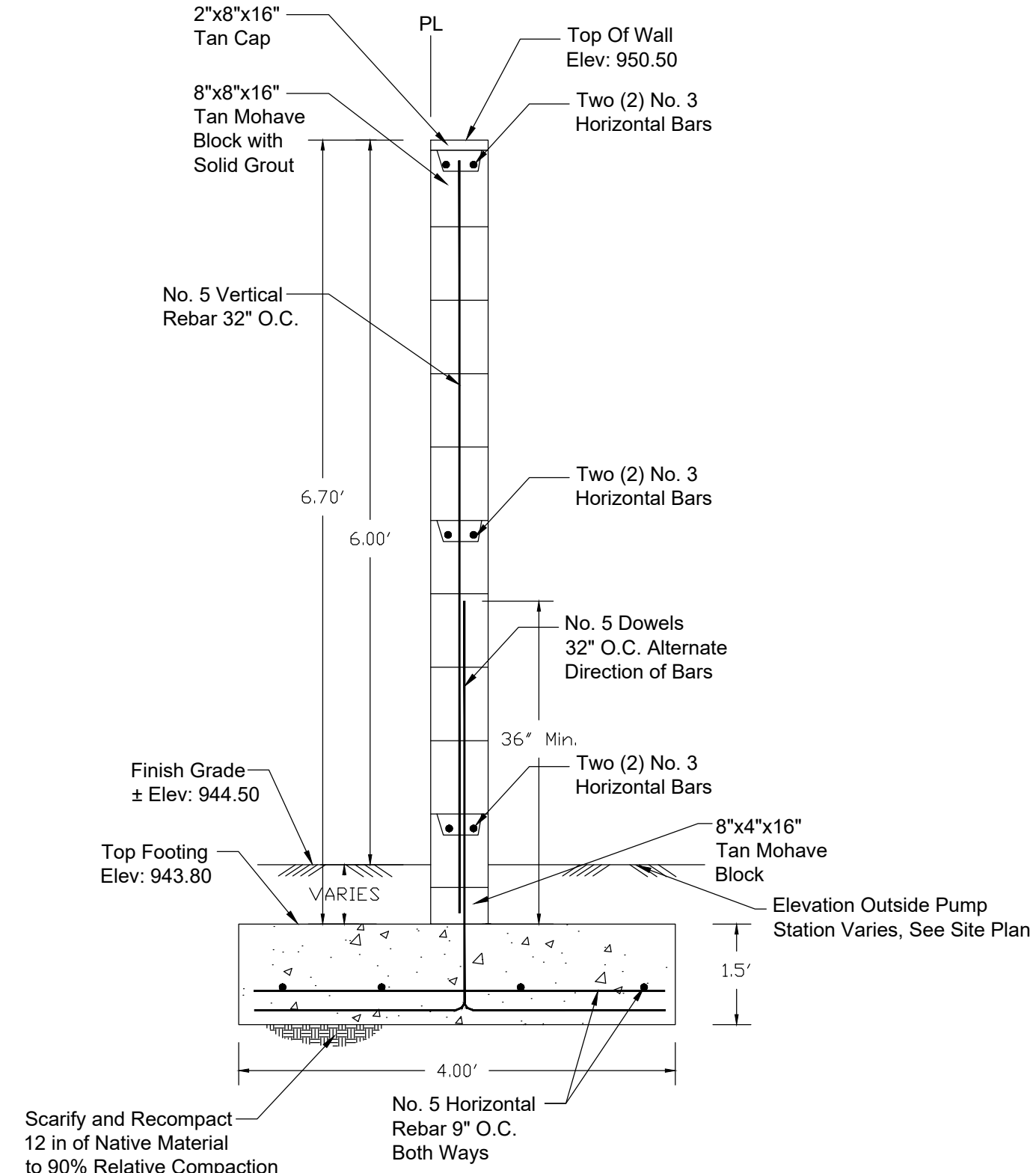


WET WELL CONCRETE:
 A MINIMUM OF 6.5 SACKS PER CUBIC YARD OF CONCRETE (4,500 PSI) OF TYPE V PORTLAND CEMENT WITH A MAXIMUM WATER/CEMENT RATIO OF 0.45 (BY WEIGHT) SHOULD BE USED FOR CONCRETE PLACED IN CONTACT WITH NATIVE SOIL ON THIS PROJECT

WET WELL BACKFILL NOTE:
 FOLLOWING COMPLETION OF CONCRETE PLACEMENT FOR THE WET WELL FOUNDATION, THE REMAINING EXCAVATION AREA AGAINST THE FOUNDATION MAY BE BACKFILLED WITH NATIVE SOIL IN 0.5 FOOT MAXIMUM LIFTS AND COMPACTED TO A MINIMUM OF 90% OF ASTM D1557 MAXIMUM DRY DENSITY AT A MINIMUM OF OPTIMUM MOISTURE.

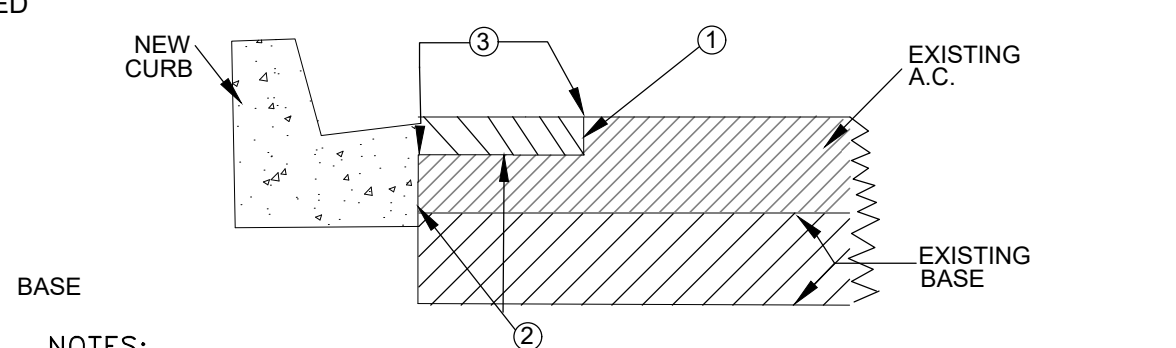
- NOTE: CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO ORDERING AND FABRICATING WET WELL.
- SHOP DRAWINGS SHALL INCLUDE AT MINIMUM:
- WET WELL DIMENSIONS.
 - BASE DIMENSIONS, HEIGHT, REBAR CONFIGURATION AND REBAR SIZES.
 - WET WELL BARRELS DIMENSIONS, HEIGHTS, REBAR CONFIGURATION AND REBAR SIZES.
 - WET WELL FLAT TOP DIMENSIONS, REBAR CONFIGURATION, REBAR SIZES AND OPENING FOR DOUBLE ACCESS HATCH.
 - DOUBLE ACCESS HATCH DETAILS INCLUDING DIMENSIONS.

WET WELL DETAILS
DETAIL 1
 NOT TO SCALE



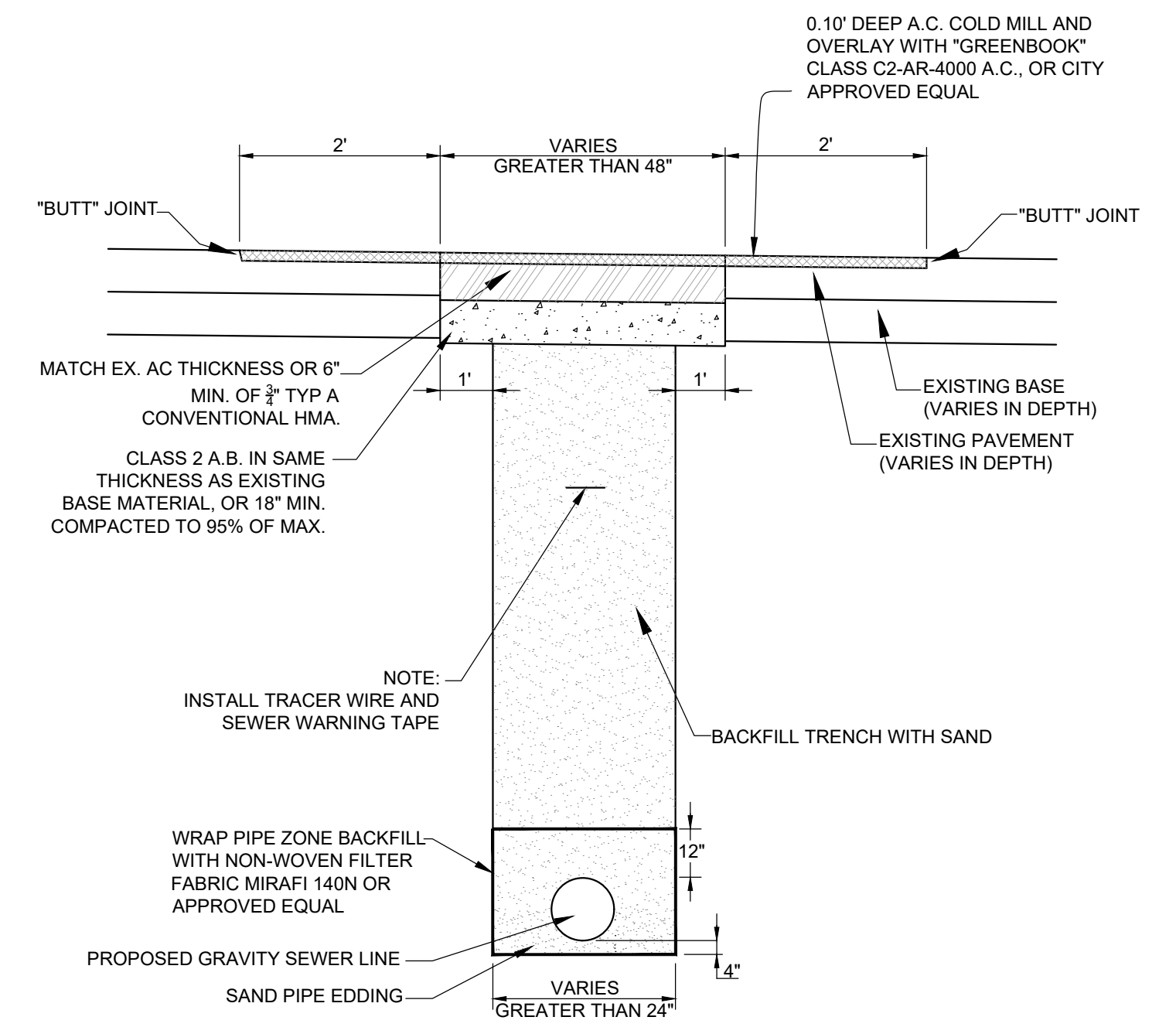
PERIMETER BLOCK WALL DETAIL
DETAIL 2
 NOT TO SCALE

CONCRETE NOTE:
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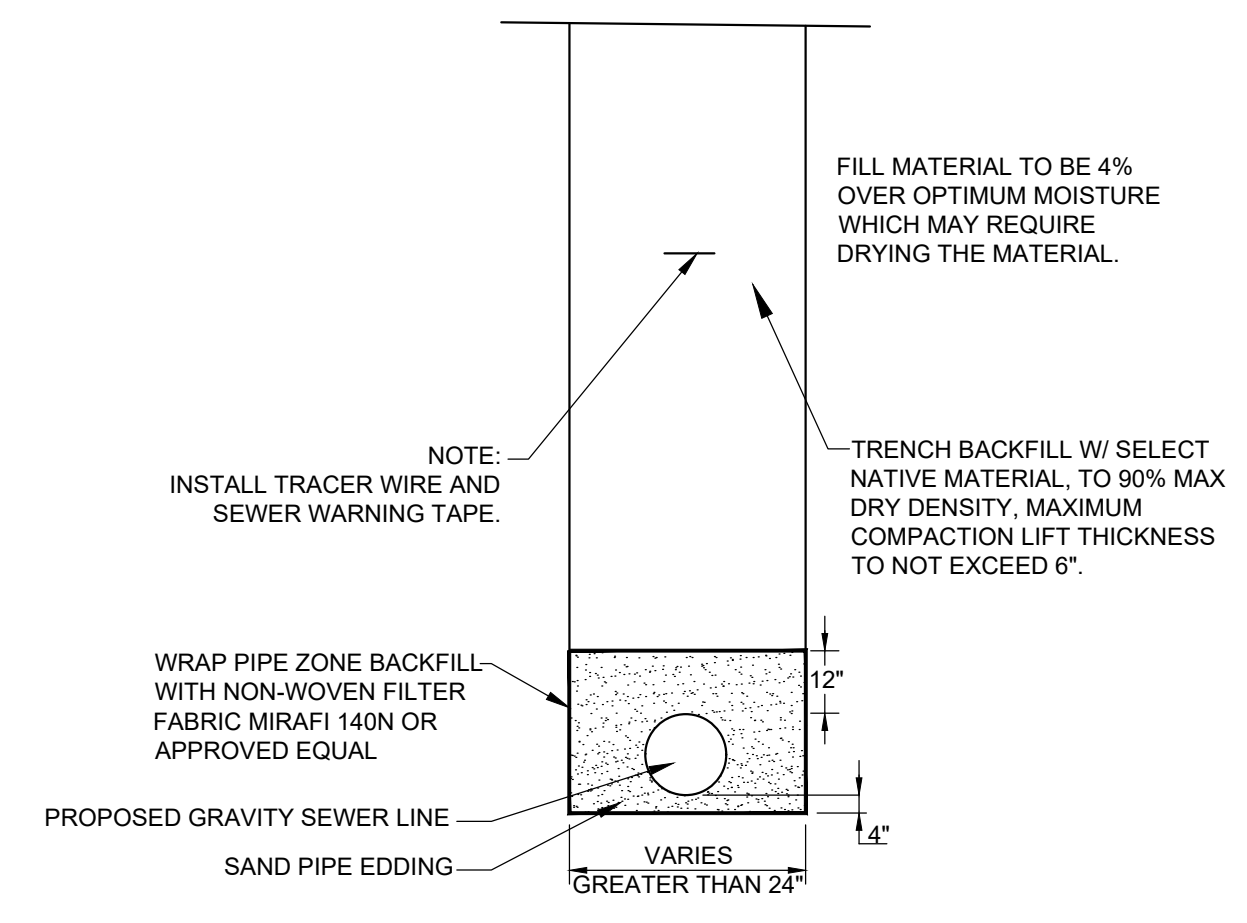


- NOTES:
- 1 GRIND 2" WIDE X 0.12" DEEP HEADER FULL LENGTH OF JOINT
 - 2 TACK COAT ENTIRE SURFACE WITH GRADE SS-1H EMULSIFIED ASPHALT AT AN APPROXIMATE RATE OF 0.05 TO 0.10 GALLON GALLON PER SQUARE YARD SHALL BE UNIFORMLY APPLIED UPON THE EXISTING PAVEMENT PRECEDING THE PLACEMENT OF THE ASPHALT CONCRETE. THE SURFACE SHALL BE FREE OF WATER, FOREIGN MATERIAL, OR DUST, WHEN THE TACKCOAT IS APPLIED.
 - 3 OVERLAY HEADER AREA TO MATCH NEW & EXISTING A.C. SURFACES
 - 4 WHERE PAVEMENT IS INSTALLED ON A PROJECT ON MORE THAN ONE DAY, A HEADER (AS HERE IN DESCRIBED) MUST BE PROVIDED AT THE CONSTRUCTION JOINT.

NEW CONSTRUCTION PAVEMENT EXTENSION JOINT DETAIL
DETAIL 5
 NOT TO SCALE



TRENCH DETAIL IN PAVED AREAS
DETAIL 3
 NOT TO SCALE



TRENCH DETAIL IN UNPAVED AREAS
DETAIL 4
 NOT TO SCALE

APPROVED BY DIRECTOR OF PUBLIC SERVICES
 CITY OF IMPERIAL, CA

BY: DAVID B. DALE, P.E. DATE

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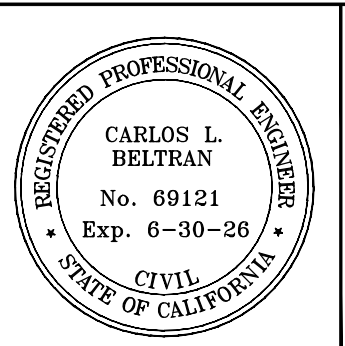
CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT
 2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,
 IMPERIAL, CA 92251
 TEL. (760) 545-0162 FAX (760) 545-0163
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NO.	REVISIONS:	APPROVED	DATE

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.

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

BENCH MARK:
 BENCHMARK ELEVATION = 945.52' (NAVD'88+1000')
 BENCHMARK DESCRIPTION (STAMPED "D1225"):
 THE STATION MARK IS A STANDARD BENCHMARK DISK SET IN A RETAINING WALL, 0.15 MILE NORTH OF THE CROSSING OF ATEN ROAD AT THE JUNCTION OF A SPUR TRACK SOUTH, IN THE TOP OF 1.0 FOOT SOUTH OF THE NORTH END OF THE EAST CONCRETE HEADWALL.



PREPARED UNDER THE DIRECT SUPERVISION OF:

69,121
 R.C.E. NO.
 CARLOS L. BELTRAN, P.E.

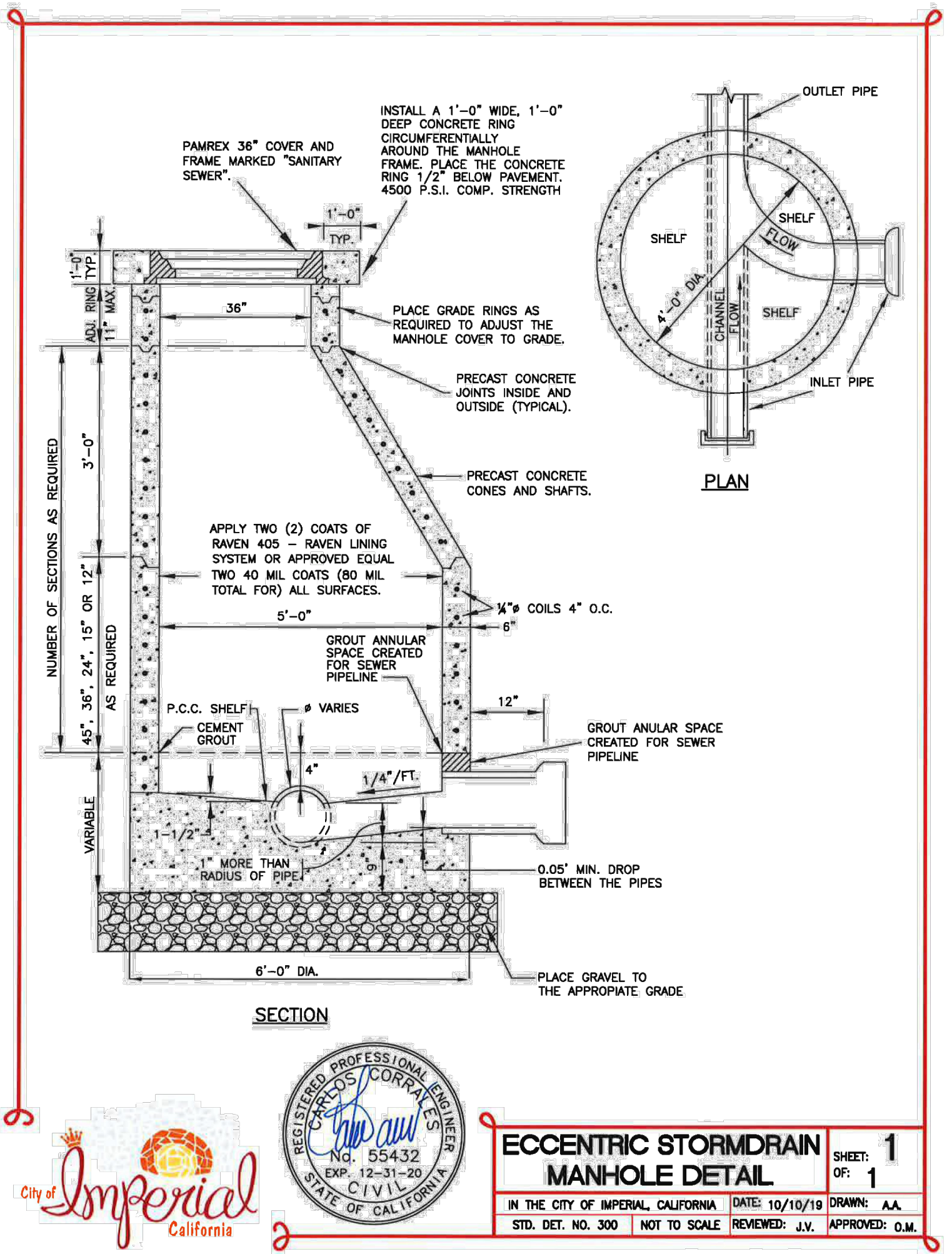
DATE 06/30/26
 REG. EXP.

PROJECT TITLE: CITY OF IMPERIAL
 ATEN ROAD AND IMPERIAL AVE. SEWER IMPROVEMENTS
 PROJECT PHASE 2 - BID NO. 2025-06

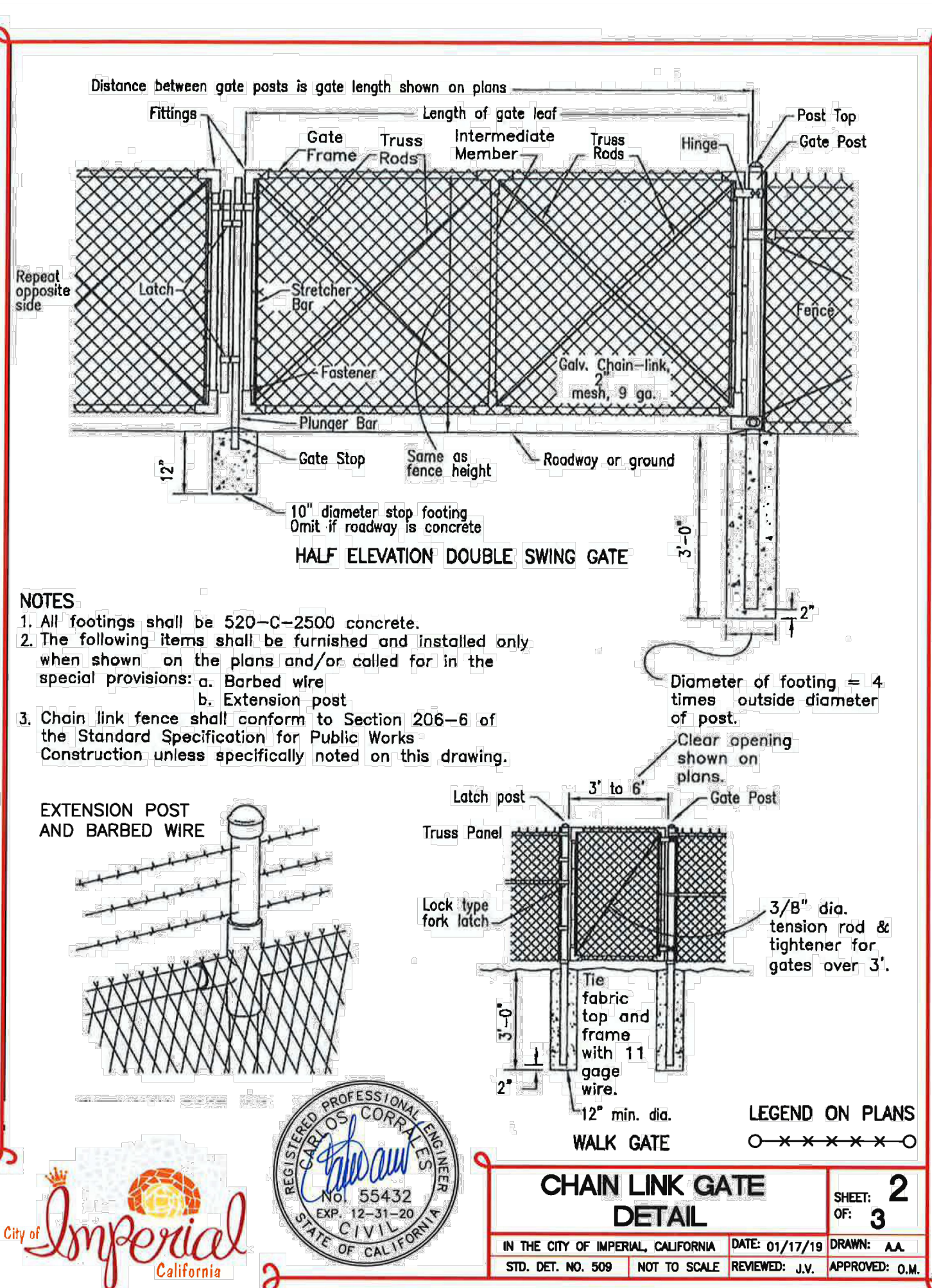
SHEET CONTENT: WET WELL DETAILS

SCALE: DRAWN BY: DB, FM
 REVISED BY: CB

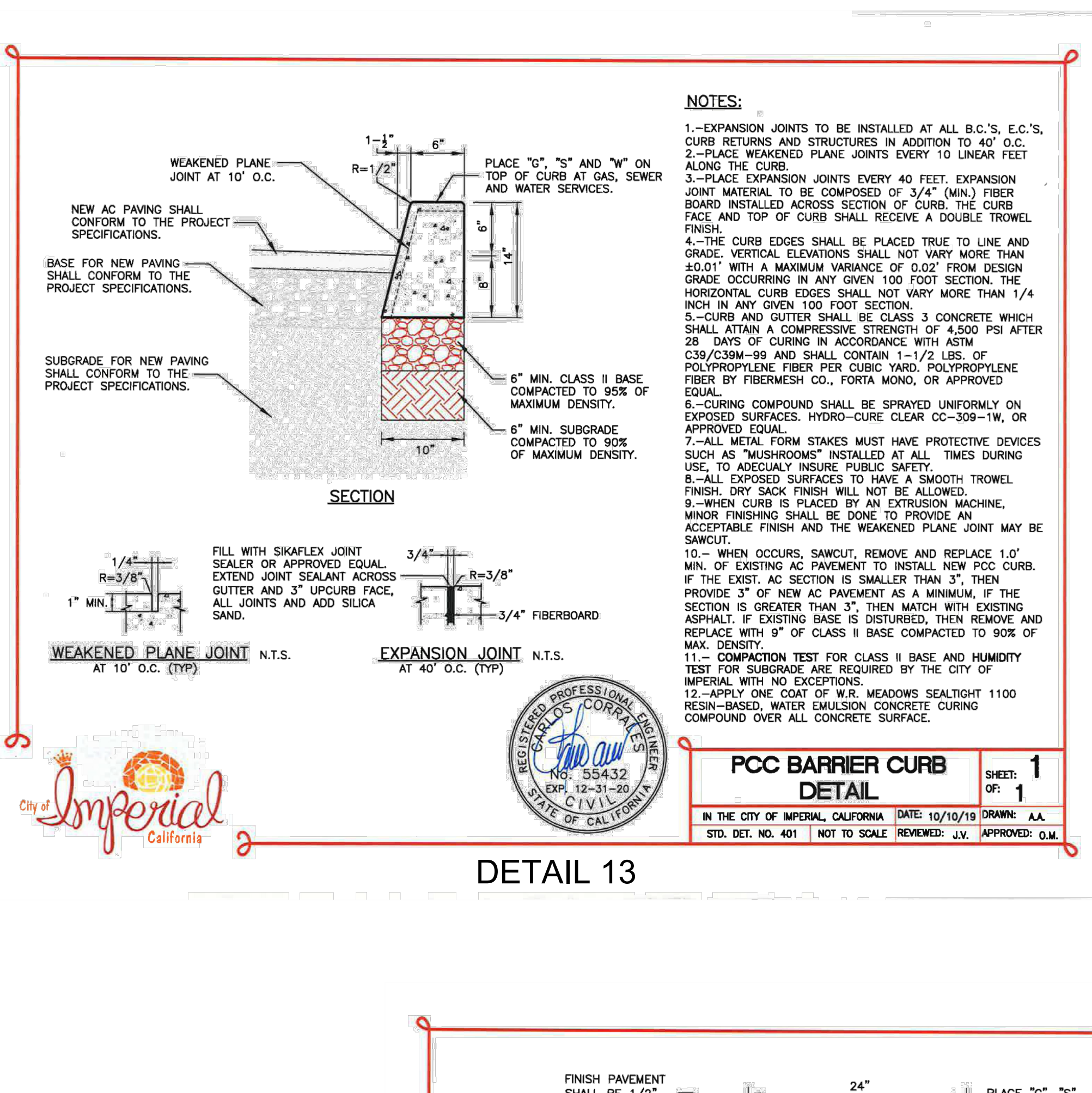
SHEET 7 OF 8 SHEETS
 JOB NO. DCE 392724
 APRIL 10, 2025



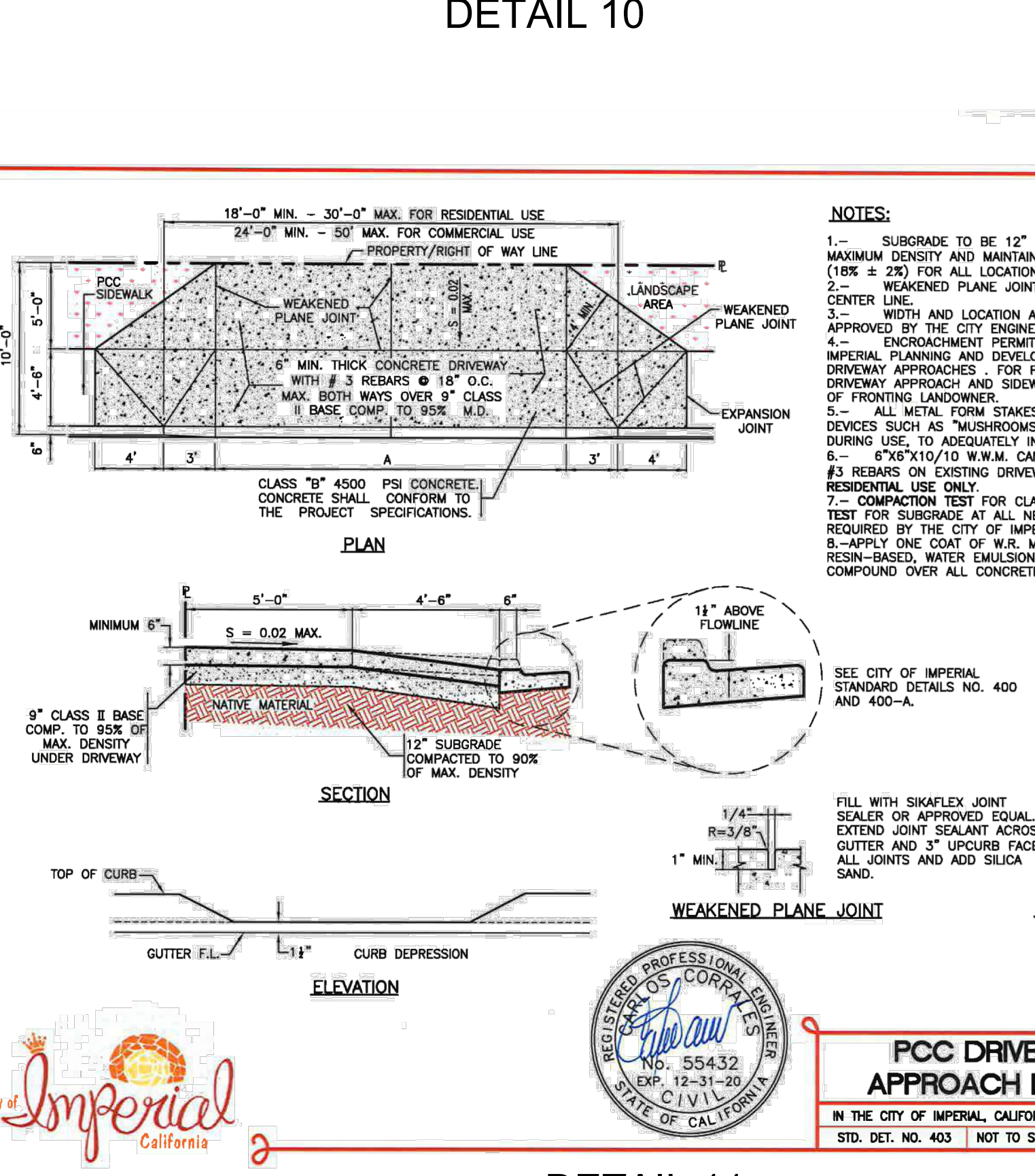
ECCENTRIC STORMDRAIN MANHOLE DETAIL
 SHEET OF 1
 IN THE CITY OF IMPERIAL, CALIFORNIA DATE: 10/10/19 DRAWN: A.A.
 STD. DET. NO. 300 NOT TO SCALE REVIEWED: J.V. APPROVED: O.M.



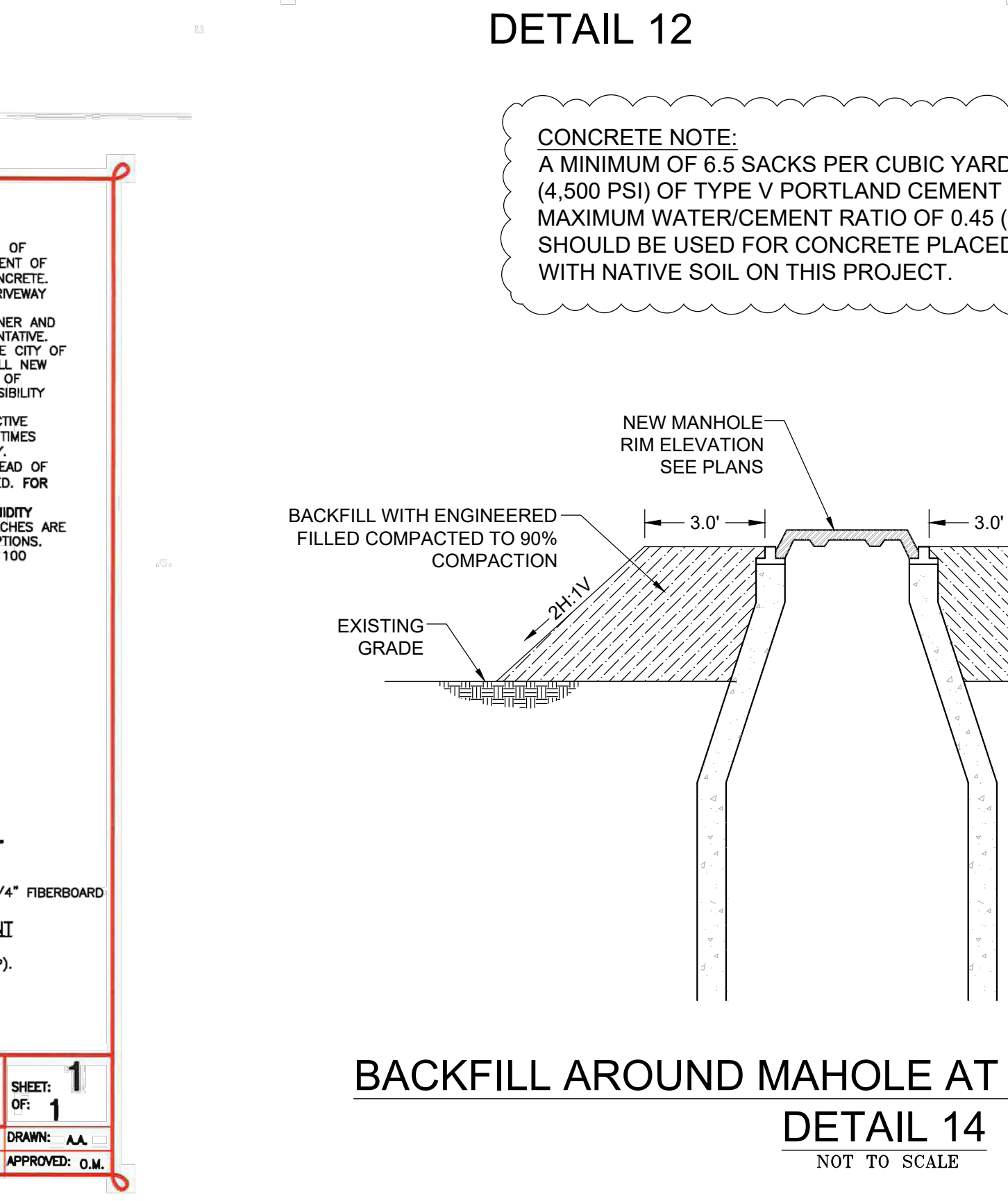
CHAIN LINK GATE DETAIL
 SHEET OF 3
 IN THE CITY OF IMPERIAL, CALIFORNIA DATE: 01/17/19 DRAWN: A.A.
 STD. DET. NO. 508 NOT TO SCALE REVIEWED: J.V. APPROVED: O.M.



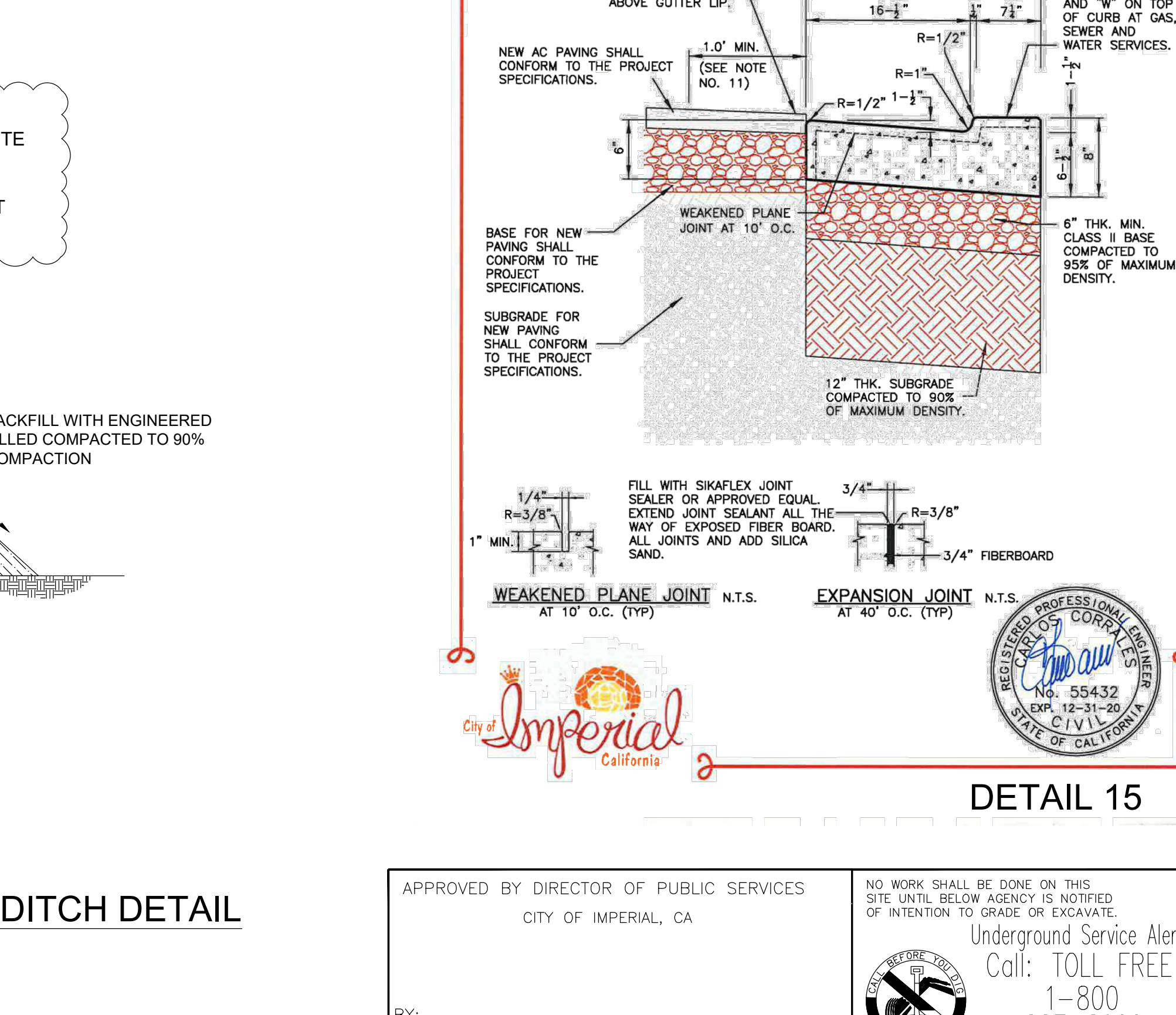
PCC BARRIER CURB DETAIL
 SHEET OF 1
 IN THE CITY OF IMPERIAL, CALIFORNIA DATE: 10/10/19 DRAWN: A.A.
 STD. DET. NO. 401 NOT TO SCALE REVIEWED: J.V. APPROVED: O.M.



PCC DRIVEWAY APPROACH DETAIL
 SHEET OF 1
 IN THE CITY OF IMPERIAL, CALIFORNIA DATE: 10/10/19 DRAWN: A.A.
 STD. DET. NO. 403 NOT TO SCALE REVIEWED: J.V. APPROVED: O.M.



BACKFILL AROUND MAHOLE AT DRAIN DITCH DETAIL
 NOT TO SCALE

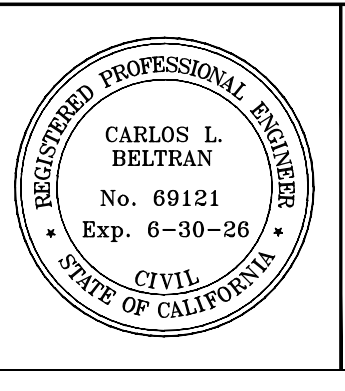


PCC DEPRESSED CURB AND GUTTER DETAIL
 SHEET OF 1
 IN THE CITY OF IMPERIAL, CALIFORNIA DATE: 10/10/19 DRAWN: A.A.
 STD. DET. NO. 400-A NOT TO SCALE REVIEWED: J.V. APPROVED: O.M.

NO.	REVISIONS:	APPROVED	DATE

CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
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APPROVED BY DIRECTOR OF PUBLIC SERVICES
 CITY OF IMPERIAL, CA
 BY: DAVID B. DALE, P.E. DATE: _____

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PREPARED UNDER THE DIRECT SUPERVISION OF:
 CARLOS L. BELTRAN, P.E.
 R.C.E. NO. 69121
 06/30/26 REG. EXP.

PROJECT TITLE: CITY OF IMPERIAL
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 PROJECT PHASE 2 - BID NO. 2025-06

SHEET CONTENT: DETAILS

SCALE: DRAWN BY: DB, FM
 REVISED BY: CB
 APRIL 10, 2025

SHEET OF 8 SHEET
 JOB NO. DCE 392724