



P. O. BOX 1458 - KINGSVILLE, TEXAS 78364

Addendum No. 1

(CITY OF KINGSVILLE BID NO. 24-14)
2023-2024 CITY WIDE MISCELLANEOUS CONCRETE
AND DRAINAGE IMPROVEMENT PHASE III

The above referenced Bid Opening is modified to provide additional information as follows:

- I. **REVISION OF ITEMS ON BID PROPOSAL** – Revisions of the following items:
 - Addition of Remove Vegetation item in base bid including quantities
 - Addition of 6' Wide Concrete Valley Gutter item in Additive Alternate #1 including quantities
 - Addition of Storm Manhole Removal item in base bid including quantities
 - Addition of Storm Manhole item in base bid including quantities
 - See attached Revised Bid Proposal including quantities
- II. **REVISION OF ITEMS ON PLAN SET** – Editorial changes were made on the following sheets for clarification.
 - Sheet 6
 - Sheet 7
 - Sheet 8
 - Sheet 9
 - Sheet 10
 - Sheet 11
 - Sheet 12
 - Sheet 14
 - Sheet 31
- III. Questions concerning this Addendum No. 1 should be addressed to City Engineer, Rutilio P. Mora, Jr., P.E. via email to rmora@cityofkingsville.com.

Q1: Will concrete flume require rebar and base material?

A1: Yes, please see attached sheet #31.

Q2: Are these projects concurrent or consecutive?

A2: Project shall be completed within the contract time by either concurrent or consecutive method.

Q3: Will contractor be responsible for removing trees, brush vegetation, etc.?

A3: Yes, item is included in attached revised bid proposal.



P. O. BOX 1458 - KINGSVILLE, TEXAS 78364

Q4: Are we replacing base material under 2" Asphalt?

A4: Yes, please see sheet #30.

IV. Contract time has been adjusted from 120 Calendar Days to 210 Calendar Days

A signed copy of this Addendum No. 1 must accompany each proposal submission. In doing so, the Proposer acknowledges receipt of this Addendum No. 1, and agrees if selected as the successful Proposer, to be bound by the terms as amended. All terms of Bid No. 24-14 which are not amended hereby, remain in full force and effect.

Rutilio P. Mora Jr. P.E.

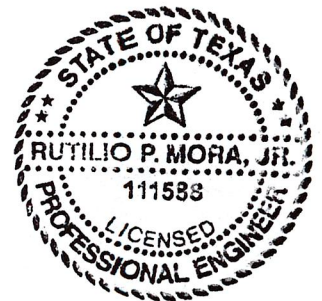
Rutilio P. Mora Jr. P.E., City Engineer

July 24, 2024

Date

Contractor

Date



REVISED (7/24/24)

BID PROPOSAL

Proposal of _____

a * _____ (hereinafter called "BIDDER"), organized and existing under the laws of the State of Texas to City of Kingsville, Texas (hereinafter called "OWNER.")

BIDDER hereby proposes to perform all WORK for the construction of the **"2023-2024 City-Wide Miscellaneous Concrete and Drainage Improvements Phase III"** in accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete the PROJECT within **210** consecutive calendar days thereafter. BIDDER further agrees to pay as liquidated damages, the sum of **\$ 200.00** for each consecutive calendar day thereafter as provided in the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

*Insert "a corporation", "a partnership", or "an Individual" as applicable.

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following amount:

BID SCHEDULE (REVISED 7/22/24)

ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
<u>BASE BID – 2023-2024 City-Wide Miscellaneous Concrete and Drainage Improvements Phase III</u>					
B-1)	242	SY	REMOVE/ DISPOSE OF CONCRETE DRIVEWAY per plans and specifications, complete in place per square yard.	_____	_____
B-2)	282	LF	REMOVE/ DISPOSE OF CONCRETE CURB & GUTTER per plans and specifications, complete in place per linear foot.	_____	_____
B-3)	147	LF	REMOVE/ DISPOSE OF CONCRETE VALLEY GUTTER per plans and specifications, complete in place per linear foot.	_____	_____
B-4)	1,024	SY	REMOVE/ DISPOSE OF ASPHALT & BASE per plans and specifications, complete in place per square yard.	_____	_____
B-5)	191	SY	REMOVE/ DISPOSE OF CONCRETE SIDEWALK per plans and specifications, complete in place per square yard.	_____	_____
B-6)	1,621	SY	REMOVE/ DISPOSE OF CONCRETE PAVEMENT per plans and specifications, complete in place per square yard.	_____	_____
B-7)	2	EA	REMOVE/ DISPOSE OF STORM JUNCTION BOX per plans and specifications, complete in place per each.	_____	_____

B-8)	1,541	LF	REMOVE/ DISPOSE OF STORM PIPE per plans and specifications, complete in place per linear foot.	_____	_____
B-9)	4	EA	REMOVE/ DISPOSE OF CURB INLET per plans and specifications, complete in place per each.	_____	_____
B-10)	9	EA	REMOVE/ DISPOSE OF GRATE INLET per plans and specifications, complete in place per each.	_____	_____
B-11)	3	EA	REMOVE/ DISPOSE OF STORM MANHOLE per plans and specifications, complete in place per each.	_____	_____
B-12)	0.07	AC	REMOVE/ DISPOSE OF VEGETATION per plans and specifications, complete in place per acre.	_____	_____
B-13)	2,228	LF	6" CONCRETE CURB & GUTTER per plans and specifications, complete in place per linear foot.	_____	_____
B-14)	260	LF	2' WIDE CONCRETE VALLEY GUTTER per plans and specifications, complete in place per linear foot.	_____	_____
B-15)	104	LF	3' WIDE CONCRETE VALLEY GUTTER per plans and specifications, complete in place per linear foot.	_____	_____

B-16)	859	SY	4" THICK CONCRETE SIDEWALK per plans and specifications, complete in place per square yard.	_____	_____
B-17)	5	EA	CONCRETE STORM MANHOLE per plans and specifications, complete in place per each.	_____	_____
B-18)	433	SY	6" THICK CONCRETE DRIVEWAY per plans and specifications, complete in place per square yard.	_____	_____
B-19)	732	SY	2" HOT MIX ASPHALT REPAIR per plans and specifications, complete in place per square yard.	_____	_____
B-20)	2,180	SY	6" THICK AVG LIMESTONE BASE COMPACTED per plans and specifications, complete in place per square yard.	_____	_____
B-21)	118	SY	BRICK PAVERS per plans and specifications, complete in place per square yard.	_____	_____
B-22)	2,041	SY	6" THICK CONCRETE PAVEMENT per plans and specifications, complete in place per square yard.	_____	_____
B-23)	161	SY	6" THICK CONCRETE PAVEMENT REPAIR per plans and specifications, complete in place per square yard.	_____	_____

B-24)	2	EA	CONCRETE JUNCTION BOX per plans and specifications, complete in place per each.	_____	_____
B-25)	1,203	LF	24" DIA REINFORCED CONCRETE PIPE per plans and specifications, complete in place per linear foot.	_____	_____
B-26)	452	LF	36" DIA REINFORCED CONCRETE PIPE per plans and specifications, complete in place per linear foot.	_____	_____
B-27)	5	EA	CURB INLET per plans and specifications, complete in place per each.	_____	_____
B-28)	3	EA	CURB INLET W/ EXTENSION per plans and specifications, complete in place per each.	_____	_____
B-29)	10	EA	PEDESTRIAN CURB RAMP TYPE 1 per plans and specifications, complete in place per each.	_____	_____
B-30)	4	EA	PEDESTRIAN CURB RAMP TYPE 7 per plans and specifications, complete in place per each.	_____	_____
B-31)	2	EA	PEDESTRIAN CURB RAMP TYPE 10 per plans and specifications, complete in place per each.	_____	_____

B-32)	4	EA	ADA SHARED LANDING 5' X 5' per plans and specifications, complete in place per each.	_____	_____
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TOTAL BASE BID				\$	_____
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ALTERNATE BID 1 – LAWNSDALE DR.

A1-1)	12	SY	REMOVE/ DISPOSE OF CONCRETE DRIVEWAY per plans and specifications, complete in place per square yard.	_____	_____
A1-2)	212	LF	REMOVE/ DISPOSE OF CONCRETE CURB & GUTTER per plans and specifications, complete in place per linear foot.	_____	_____
A1-3)	28	LF	REMOVE/ DISPOSE OF CONCRETE VALLEY GUTTER per plans and specifications, complete in place per linear foot.	_____	_____
A1-4)	313	SY	REMOVE/ DISPOSE OF ASPHALT & BASE per plans and specifications, complete in place per square yard.	_____	_____
A1-5)	836	LF	REMOVE/ DISPOSE OF CONCRETE FLUME per plans and specifications, complete in place per linear foot.	_____	_____
A1-6)	0.19	AC	REMOVE/ DISPOSE OF VEGETATION per plans and specifications, complete in place per acre.	_____	_____
A1-7)	206	LF	6" CONCRETE CURB & GUTTER per plans and specifications, complete in place per linear foot.	_____	_____
A1-8)	26	LF	2' WIDE CONCRETE VALLEY GUTTER per plans and specifications, complete in place per linear foot.	_____	_____

A1-9)	28	LF	6' WIDE CONCRETE VALLEY GUTTER per plans and specifications, complete in place per linear foot.	_____	_____
A1-10)	12	SY	6" THICK CONCRETE DRIVEWAY per plans and specifications, complete in place per square yard.	_____	_____
A1-11)	320	SY	2" HOT MIX ASPHALT REPAIR per plans and specifications, complete in place per square yard.	_____	_____
A1-12)	836	LF	CONCRETE FLUME per plans and specifications, complete in place per linear foot.	_____	_____

TOTAL ALTERNATE 1 BID \$ _____

ALTERNATE BID 2 – 19th STREET

A2-1)	30	SY	REMOVE/ DISPOSE OF ASPHALT & BASE per plans and specifications, complete in place per square yard.	_____	_____
A2-2)	6	SY	REMOVE/ DISPOSE OF CONCRETE SIDEWALK per plans and specifications, complete in place per square yard.	_____	_____
A2-3)	51	LF	4” CONCRETE ROLL CURB & GUTTER per plans and specifications, complete in place per linear foot.	_____	_____
A2-4)	1,265	LF	6” CONCRETE CURB & GUTTER per plans and specifications, complete in place per linear foot.	_____	_____
A2-5)	60	LF	2’ WIDE CONCRETE VALLEY GUTTER per plans and specifications, complete in place per linear foot.	_____	_____
A2-6)	60	SY	6” THICK CONCRETE DRIVEWAY per plans and specifications, complete in place per square yard.	_____	_____
A2-7)	241	SY	6” THICK AVG LIMESTONE BASE COMPACTED per plans and specifications, complete in place per square yard.	_____	_____

TOTAL ALTERNATE 2 BID \$ _____

TOTAL BASE BID \$ _____

TOTAL BASE BID + ALT NO.1 \$ _____

TOTAL BASE BID + ALT NO. 1 + ALT NO. 2 \$ _____

Respectfully submitted:

Signature

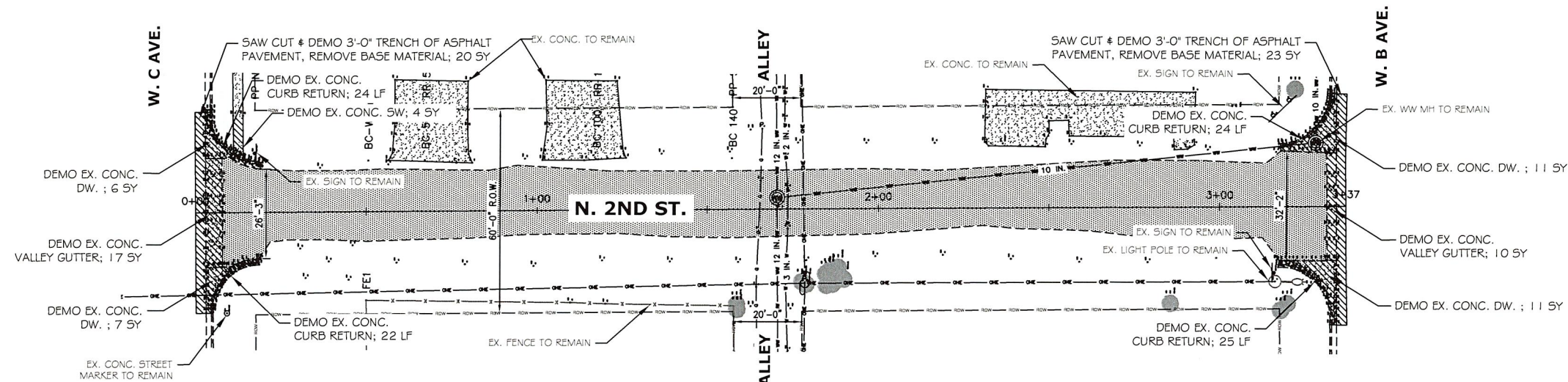
Address

Title

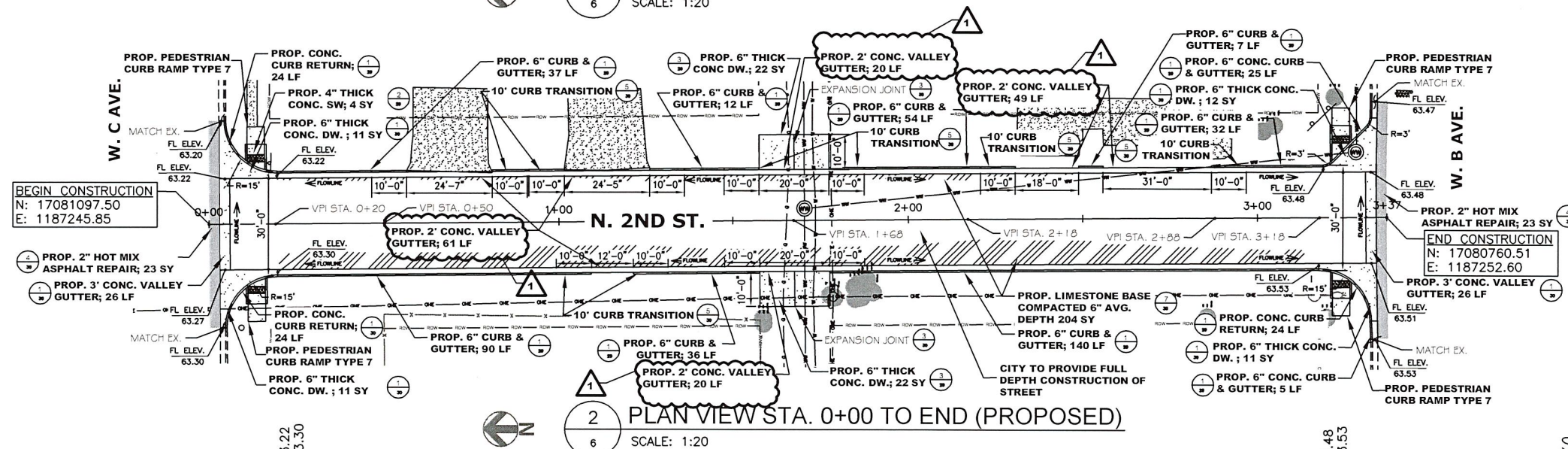
Date

License number (if applicable)

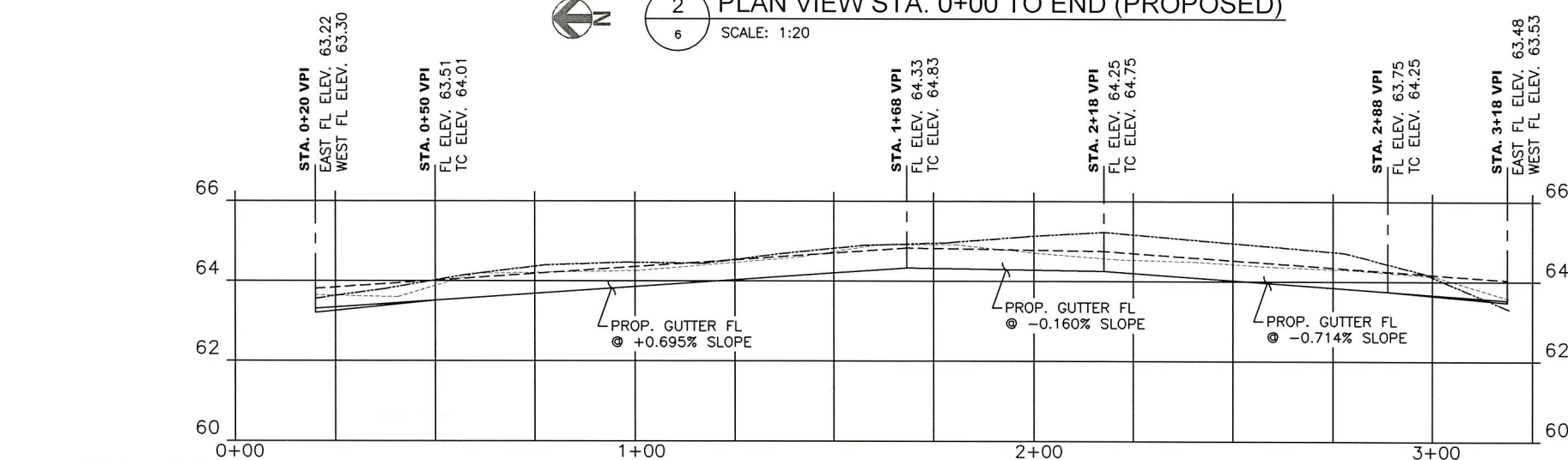
Date



1 PLAN VIEW STA. 0+00 TO END (EXISTING)
6 SCALE: 1:20



2 PLAN VIEW STA. 0+00 TO END (PROPOSED)
6 SCALE: 1:20



PROFILE LEGEND
 ——— EXISTING EAST NG PROFILE
 - - - EXISTING WEST NG PROFILE
 ——— PROPOSED FL PROFILE
 - - - PROPOSED TC PROFILE

A PROFILE VIEW STA. 0+00 TO END
6 HORIZONTAL SCALE: 1:20
VERTICAL SCALE: 1:2

SHEET QUANTITIES

UNIT	QTY	DESCRIPTION
SY	35	DEMO CONC. DRIVEWAY
LF	95	DEMO CONC. CURB & GUTTER
LF	27	DEMO CONC. VALLEY GUTTER
SY	43	DEMO ASPHALT & BASE
SY	4	DEMO CONC. SIDEWALK
LF	510	6" CONC. CURB & GUTTER
LF	150	2' CONC. VALLEY GUTTER
LF	52	3' CONC. VALLEY GUTTER
SY	27	4" THICK CONC. SIDEWALK
SY	89	6" THICK CONC. DRIVEWAY
SY	46	2" HOT MIX ASPHALT REPAIR
SY	204	LIMESTONE FILL (6" AVG. DEPTH)
EA	4	PEDESTRIAN CURB RAMP TYPE 7

REVISED 7/24/2024
 1 2' CONC. VALLEY GUTTER
 NOTES & REVISED SHEET
 QUANTITIES.

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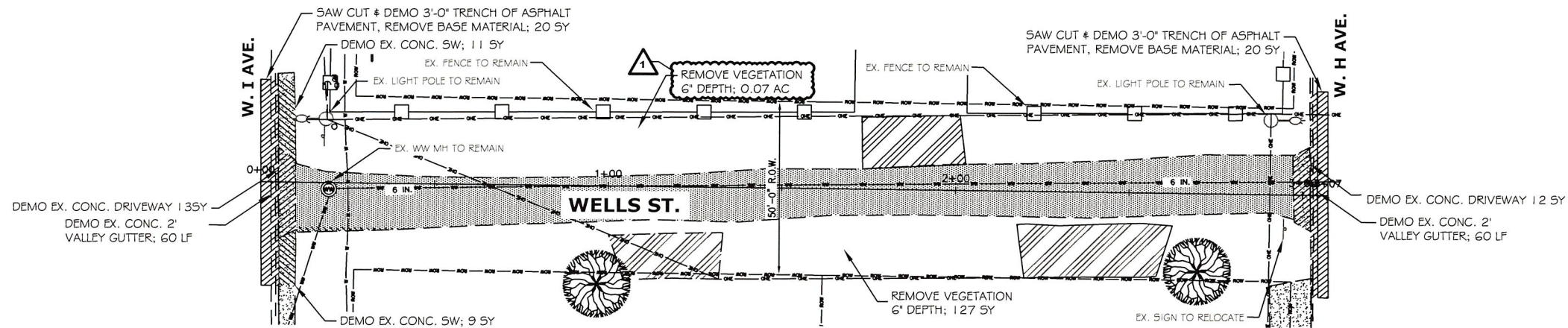
Rutilio P. Mora Jr. 7/24/2024
 RUTILIO P. MORA JR., P.E. NO. 111588

**2023-2024 CITY-WIDE MISCELLANEOUS CONCRETE AND
 DRAINAGE IMPROVEMENTS - PHASE 3**

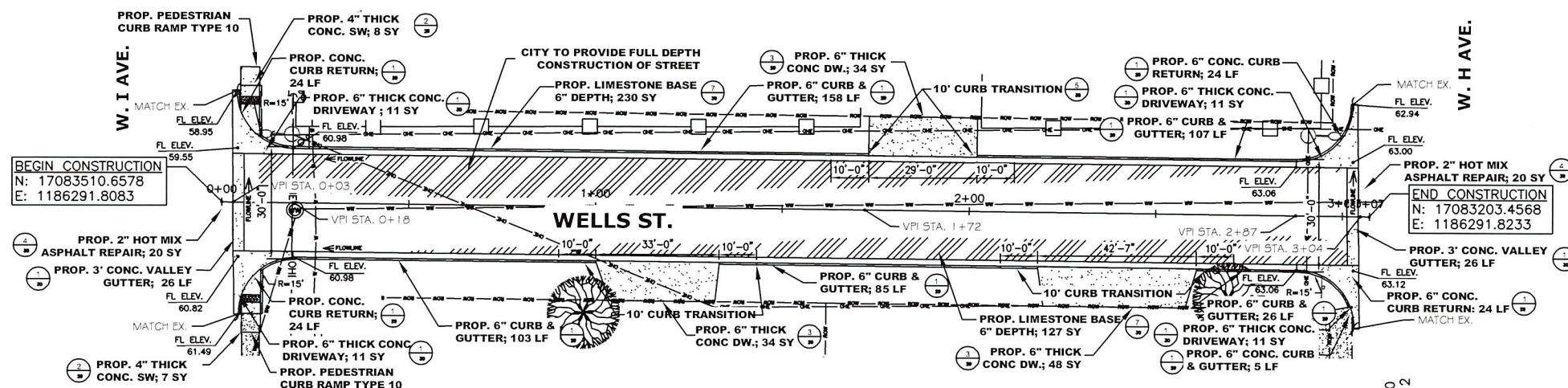
N. 2ND ST. FROM W. C AVE. TO W. B AVE.
 PLAN AND PROFILE - STA. 0+00 TO END

Drawn by: A. REYES
 Date: 08/23/2023
 Checked by: R. MORA
 Job: 23-024 D-C
 Scale: AS NOTED

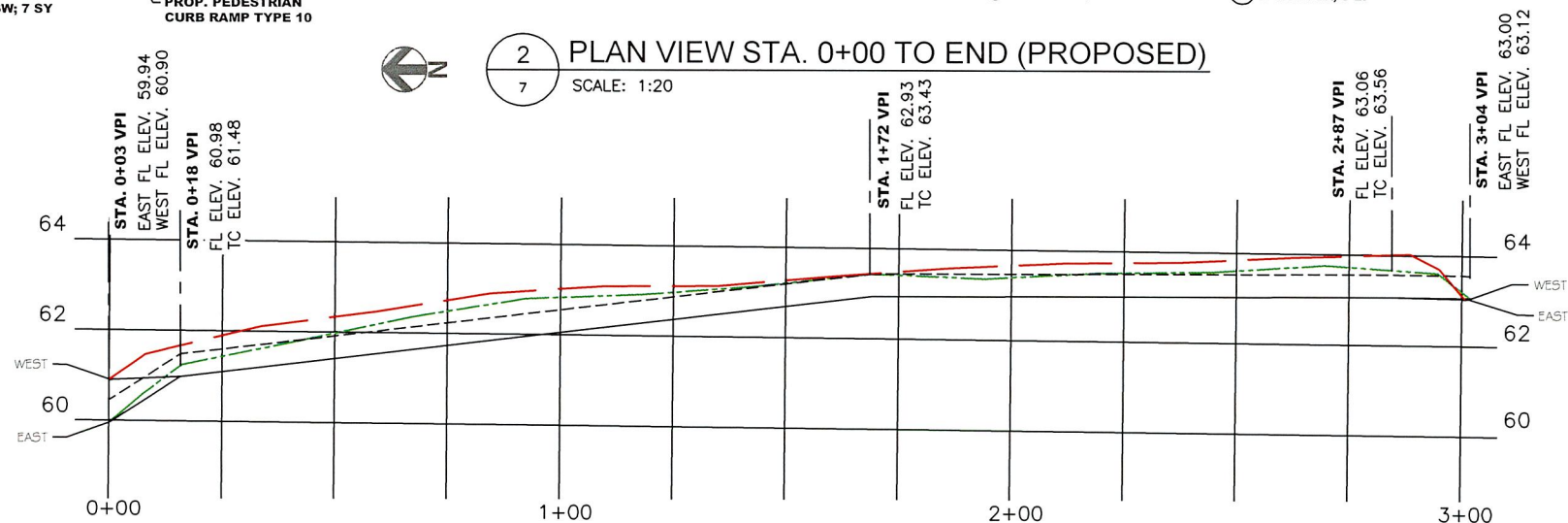
CITY OF KINGSVILLE
 ENGINEERING DEPARTMENT
 400 West King
 Kingsville, Texas 78363
 Office 361.595.8007
 Fax 361.595.8035



1 PLAN VIEW STA. 0+00 TO END (EXISTING)
SCALE: 1:20



2 PLAN VIEW STA. 0+00 TO END (PROPOSED)
SCALE: 1:20



A PROFILE VIEW STA. 0+00 TO END
HORIZONTAL SCALE: 1:20
VERTICAL SCALE: 1:2

PROFILE LEGEND	
	EXISTING EAST NG PROFILE
	EXISTING WEST NG PROFILE
	PROPOSED FL PROFILE
	PROPOSED TC PROFILE

REVISED 7/24/2024

1 REVISED QUANTITY AND UNIT

SHEET QUANTITIES

UNIT	QTY	DESCRIPTION
SY	25	DEMO CONC. DRIVEWAY
LF	120	DEMO CONC. VALLEY GUTTER
SY	40	DEMO ASPHALT & BASE
SY	20	DEMO CONC. SIDEWALK
AC	0.07	REMOVE VEGETATION
LF	580	6" CONC. CURB & GUTTER
LF	60	2' CONC. VALLEY GUTTER
LF	52	3' CONC. VALLEY GUTTER
SY	15	4" THICK CONC. SIDEWALK
LF	160	CONC. DRIVEWAY
SY	40	2" HOT MIX ASPHALT REPAIR
SY	357	LIMESTONE FILL (6" AVG. DEPTH)
EA	2	PEDESTRIAN CURB RAMP TYPE 10

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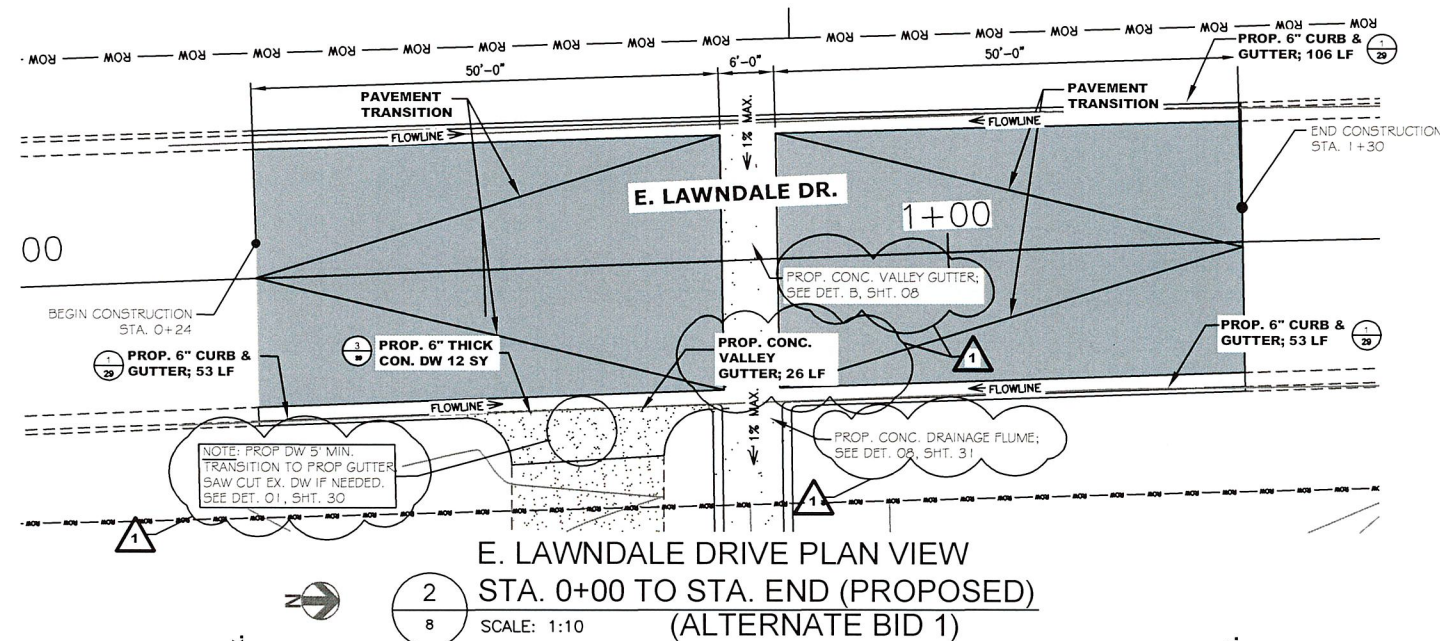
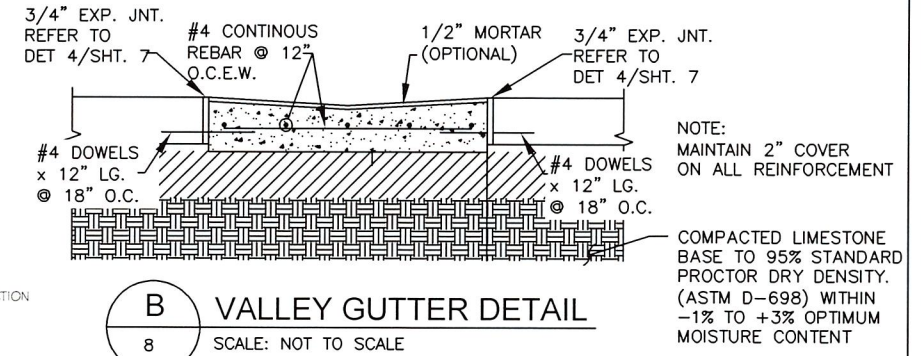
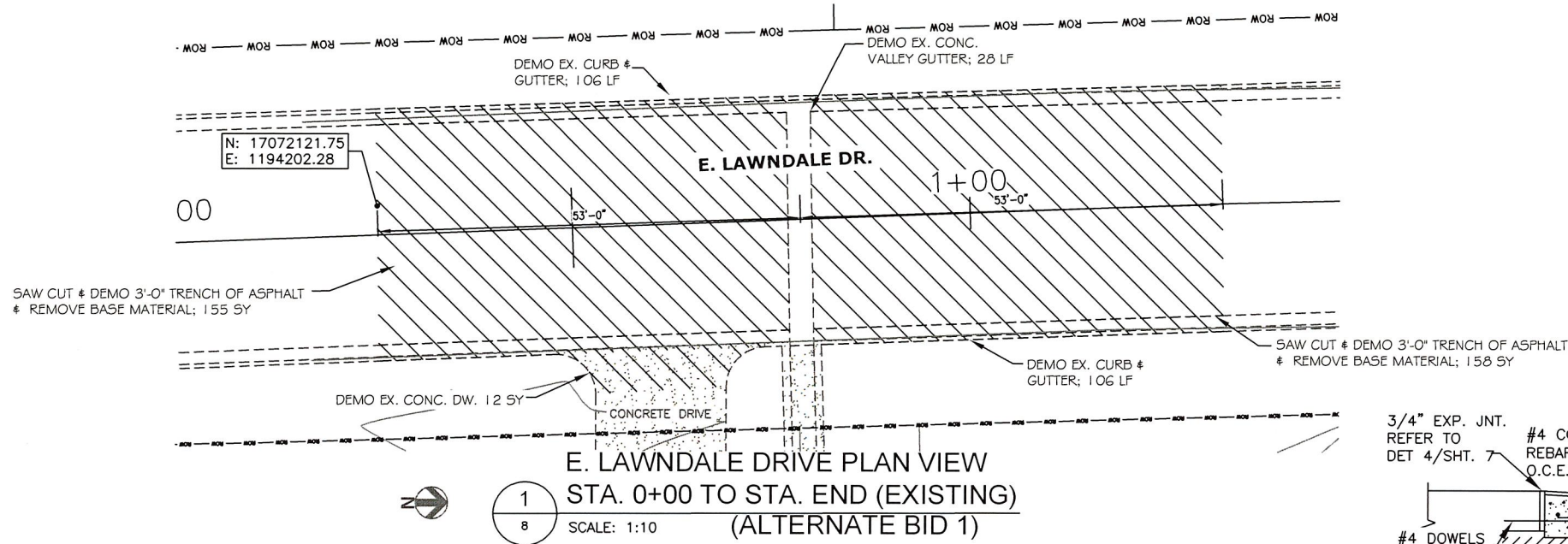
2023-2024 CITY-WIDE MISCELLANEOUS CONCRETE AND DRAINAGE IMPROVEMENTS - PHASE 3

WELLS ST. FROM W. I AVE. TO W. B AVE.
PLAN AND PROFILE VIEWS - STA. 0+00 TO END

Drawn by: A. REYES
Date: 08/23/2023
Checked by: R. MORA
Job: 23-024 D-C
Scale: AS NOTED

CITY OF KINGSVILLE
ENGINEERING DEPARTMENT
400 West King
Kingsville, Texas 78363
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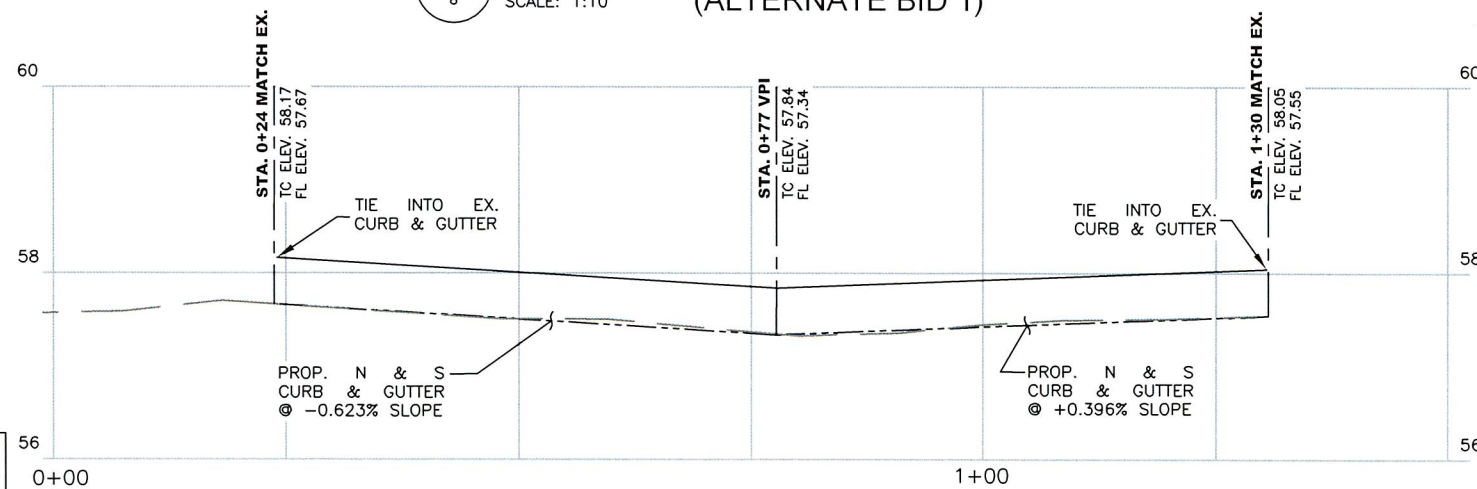




REVISED 7/24/2024
 1 CONC. VALLEY GUTTER NOTES, REVISED SHEET QUANTITIES & ADDED DETAIL

(ALTERNATE BID 1)
 SHEET QUANTITIES

UNIT	QTY	DESCRIPTION
SY	12	DEMO CONC. DRIVEWAY
LF	212	DEMO CONC. CURB & GUTTER
LF	28	DEMO CONC. VALLEY GUTTER
SY	313	DEMO ASPHALT & BASE
LF	206	6" CONC. CURB & GUTTER
LF	26	2' CONC. VALLEY GUTTER
LF	28	6" CONC. VALLEY GUTTER
SY	12	6" THICK CONC. DRIVEWAY
SY	320	2" HOT MIX ASPHALT REPAIR



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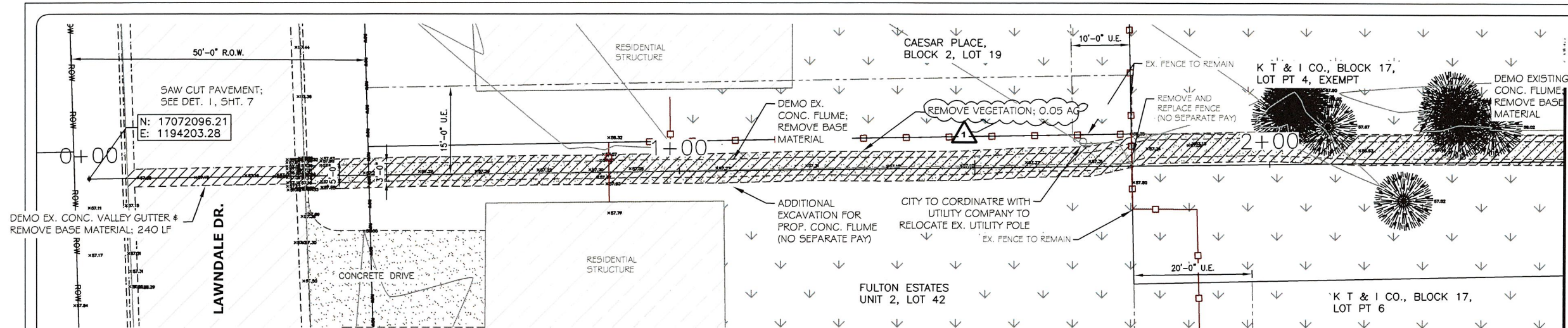
Rutilio P. Mora Jr. 7/28/2024
 RUTILIO P. MORA JR., P.E. NO. 111588



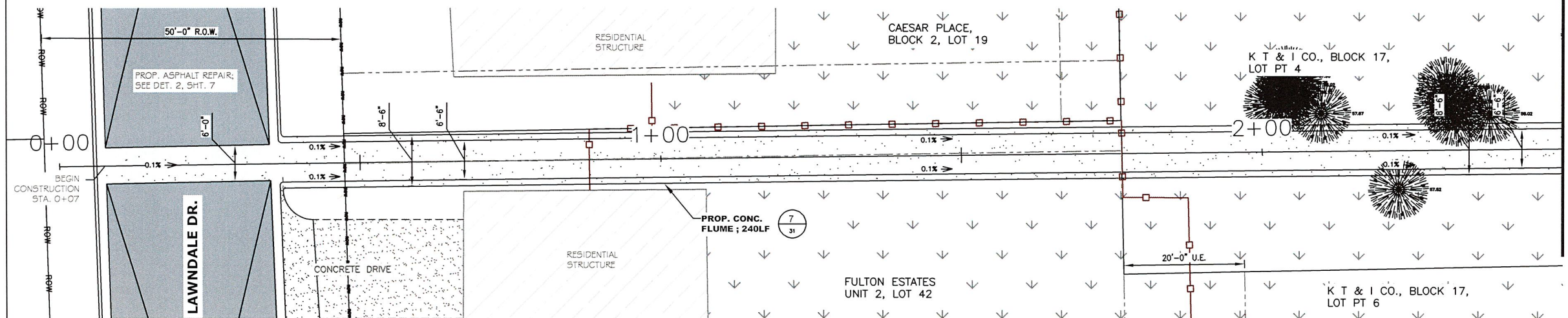
Drawn by: A. REYES
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2023-2024 CITY-WIDE MISCELLANEOUS CONCRETE AND DRAINAGE IMPROVEMENTS - PHASE 3

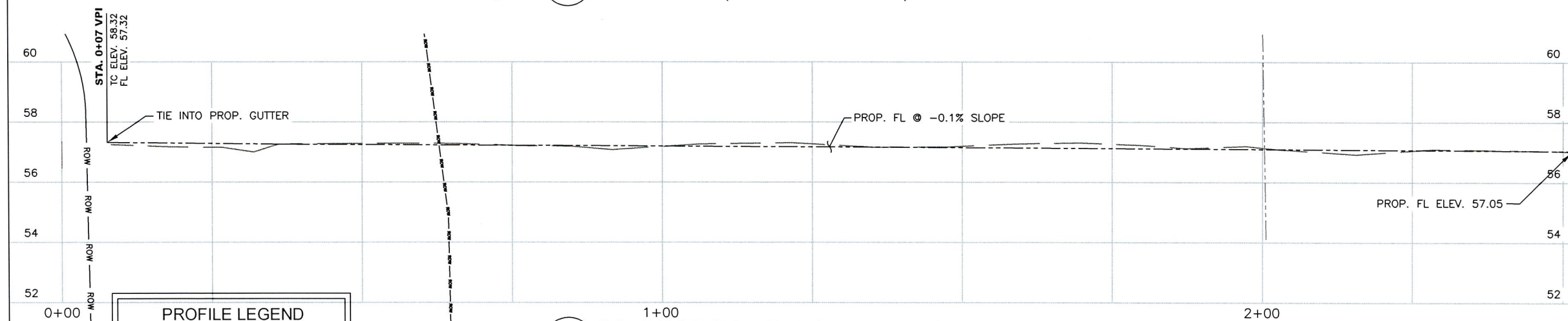
DRAINAGE FLUME AND E. LAWDALE DR. INTERSECTION



1
9
DRAINAGE FLUME PLAN VIEW
STA. 0+00 TO STA. 2+50 (EXISTING)
SCALE: 1:10 (ALTERNATE BID 1)



2
9
DRAINAGE FLUME PLAN VIEW
STA. 0+00 TO STA. 2+50 (PROPOSED)
SCALE: 1:10 (ALTERNATE BID 1)



A
9
DRAINAGE FLUME PROFILE VIEW STA. 0+00 TO STA. 2+50
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=2' (ALTERNATE BID 1)

MATCHLINE STA. 2 + 50

(ALTERNATE BID 1)
SHEET QUANTITIES

UNIT	QTY	DESCRIPTION
LF	241	DEMO CONC. FLUME
LF	241	CONC. FLUME
AC	0.05	REMOVE VEGETATION

REVISED 7/24/2024
REMOVE VEGETATION ITEM
ADDED & REVISED SHEET
QUANTITIES.

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Rutilio P. Mora Jr. 7/24/2024
RUTILIO P. MORA JR., P.E. NO. 111588

CITY OF KINGSVILLE
ENGINEERING DEPARTMENT
400 West King
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Office 361.595.8007
Fax 361.595.8035



Drawn by: A. REYES
Date: 08/23/2023
Checked by: R. MORA
Job: 23-024 D-C
Scale: AS NOTED

2023-2024 CITY-WIDE MISCELLANEOUS CONCRETE AND
DRAINAGE IMPROVEMENTS - PHASE 3
DRAINAGE FLUME FROM E. LAWDALE DR. TO
E. SEN. CARLOS TRUAN BLVD. PLAN AND PROFILE - STA 0+00 TO 2+50

MATCHLINE STA. 2 + 50

MATCHLINE STA. 5 + 00

DRAINAGE FLUME PLAN VIEW
STA. 2+50 TO STA. 5+00 (EXISTING)
(ALTERNATE BID 1)
SCALE: 1:10

DRAINAGE FLUME PLAN VIEW
STA. 2+50 TO STA. 5+00 (PROPOSED)
(ALTERNATE BID 1)
SCALE: 1:10

(ALTERNATE BID 1)
SHEET QUANTITIES

UNIT	QTY	DESCRIPTION
LF	250	DEMO CONC. FLUME
LF	250	CONC. FLUME
AC	0.06	REMOVE VEGETATION

REVISED 7/24/2024

REMOVE VEGETATION ITEM
ADDED & REVISED SHEET
QUANTITIES.

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Rutilio P. Mora Jr. 7/24/2024
RUTILIO P. MORA JR., P.E. NO. 111588

PROFILE LEGEND

— EXISTING FL PROFILE
- - - PROPOSED FL PROFILE

DRAINAGE FLUME PROFILE VIEW STA. 2+50 TO STA. 5+00
(ALTERNATE BID 1)
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=2'

2023-2024 CITY-WIDE MISCELLANEOUS CONCRETE AND
DRAINAGE IMPROVEMENTS - PHASE 3

DRAINAGE FLUME BETWEEN E. LAWDALE DR. TO
E. SEN. CARLOS TRUAN BLVD. PLAN AND PROFILE - STA 2+50 TO 5+00

SHEET
10

Drawn by: A. REYES

Date: 08/23/2023

Checked by: R. MORA

Job: 23-024 D-C

Scale: AS NOTED

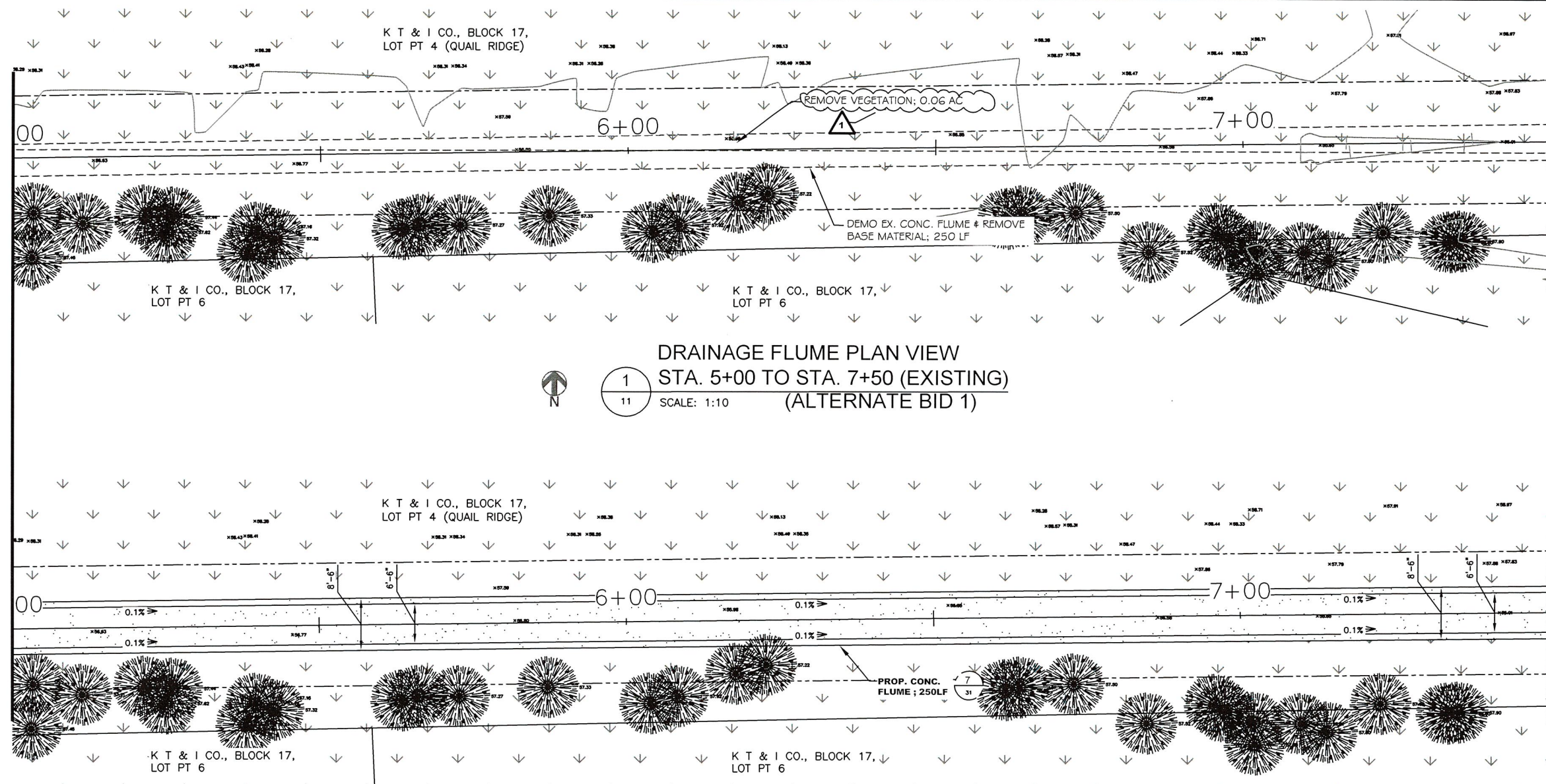
CITY OF KINGSVILLE
ENGINEERING DEPARTMENT



400 West King
Kingsville, Texas 78363
Office 361.595.8007
Fax 361.595.8035

MATCHLINE STA. 5 + 0 0

MATCHLINE STA. 7 + 5 0

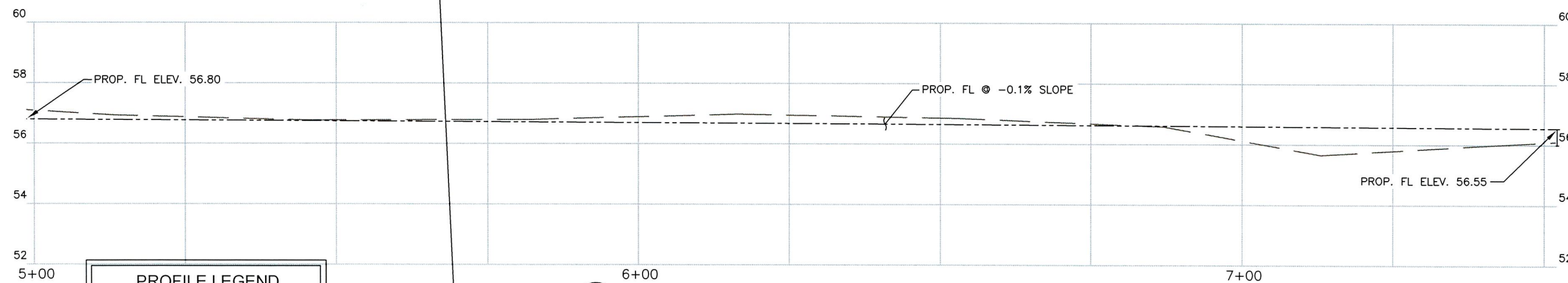


DRAINAGE FLUME PLAN VIEW
STA. 5+00 TO STA. 7+50 (EXISTING)
SCALE: 1:10 (ALTERNATE BID 1)

DRAINAGE FLUME PLAN VIEW
STA. 5+00 TO STA. 7+50 (PROPOSED)
SCALE: 1:10 (ALTERNATE BID 1)

(ALTERNATE BID 1)
SHEET QUANTITIES

UNIT	QTY	DESCRIPTION
LF	250	DEMO CONC. FLUME
LF	250	CONC. FLUME
AC	0.06	REMOVE VEGETATION



PROFILE LEGEND

— EXISTING FL PROFILE
- - - PROPOSED FL PROFILE

DRAINAGE FLUME PROFILE VIEW STA. 5+00 TO STA. 7+50
HORIZONTAL SCALE: 1":10'
VERTICAL SCALE: 1":2'
(ALTERNATE BID 1)

REVISED 7/24/2024
REMOVE VEGETATION ITEM
ADDED & REVISED SHEET
QUANTITIES.

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DOCUMENT WAS AUTHORIZED BY
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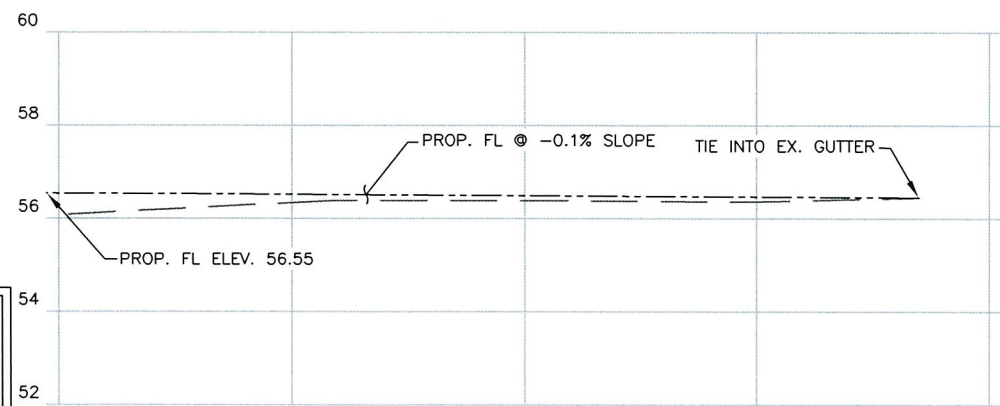
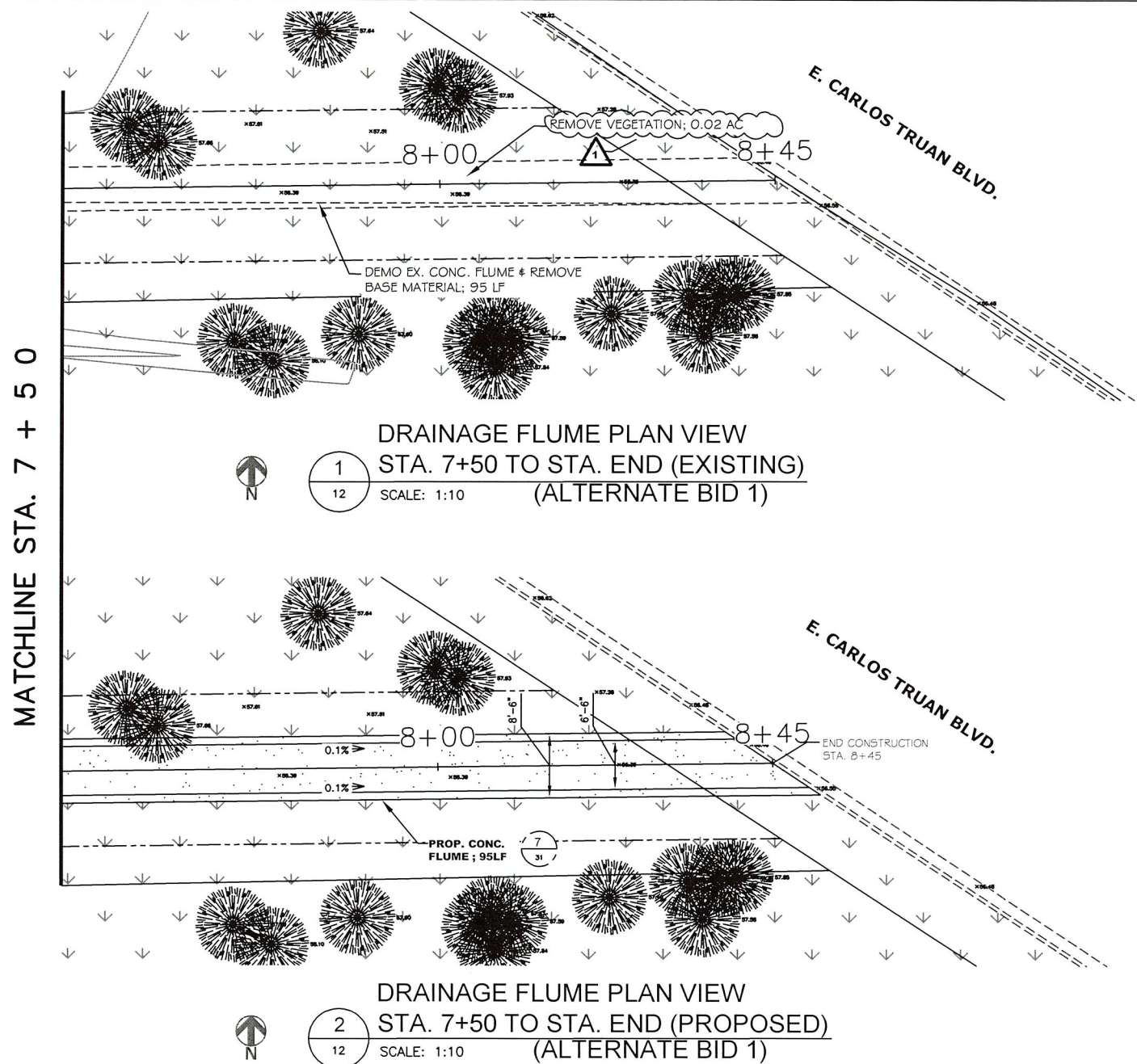
Rutilio P. Mora Jr. 7/24/2024
RUTILIO P. MORA JR., P.E. NO. 111588

2023-2024 CITY-WIDE MISCELLANEOUS CONCRETE AND
DRAINAGE IMPROVEMENTS - PHASE 3

DRAINAGE FLUME BETWEEN E. LAWDALE DR. TO
E. SEN. CARLOS TRUAN BLVD. PLAN AND PROFILE - STA 5+00 TO 7+50

CITY OF KINGSVILLE
ENGINEERING DEPARTMENT
400 West King
Kingsville, Texas 78363
Office 361.595.8007
Fax 361.595.8035

Drawn by: A. REYES
Date: 08/23/2023
Checked by: R. MORA
Job: 23-024 D-C
Scale: AS NOTED



PROFILE LEGEND	
—	EXISTING FL PROFILE
- - -	PROPOSED FL PROFILE

A **DRAINAGE FLUME PROFILE VIEW STA. 7+50 TO END**
 12 HORIZONTAL SCALE: 1":10'
 VERTICAL SCALE: 1":2'

(ALTERNATE BID 1)
 SHEET QUANTITIES

UNIT	QTY	DESCRIPTION
LF	95	DEMO CONC. FLUME
LF	95	CONC. FLUME
AC	0.02	REMOVE VEGETATION

REVISED 7/24/2024

1 REMOVE VEGETATION ITEM
 ADDED & REVISED SHEET
 QUANTITIES.

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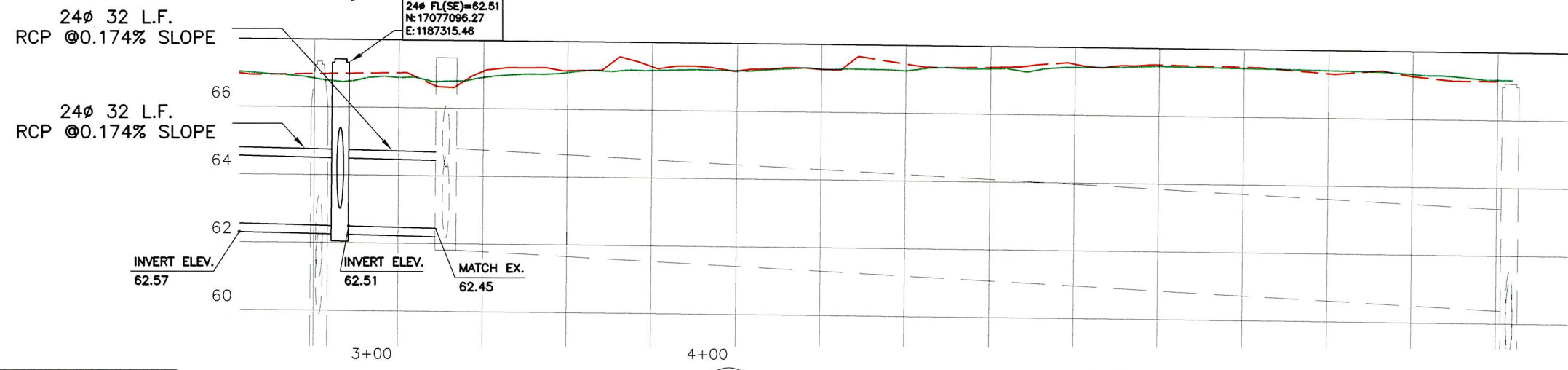
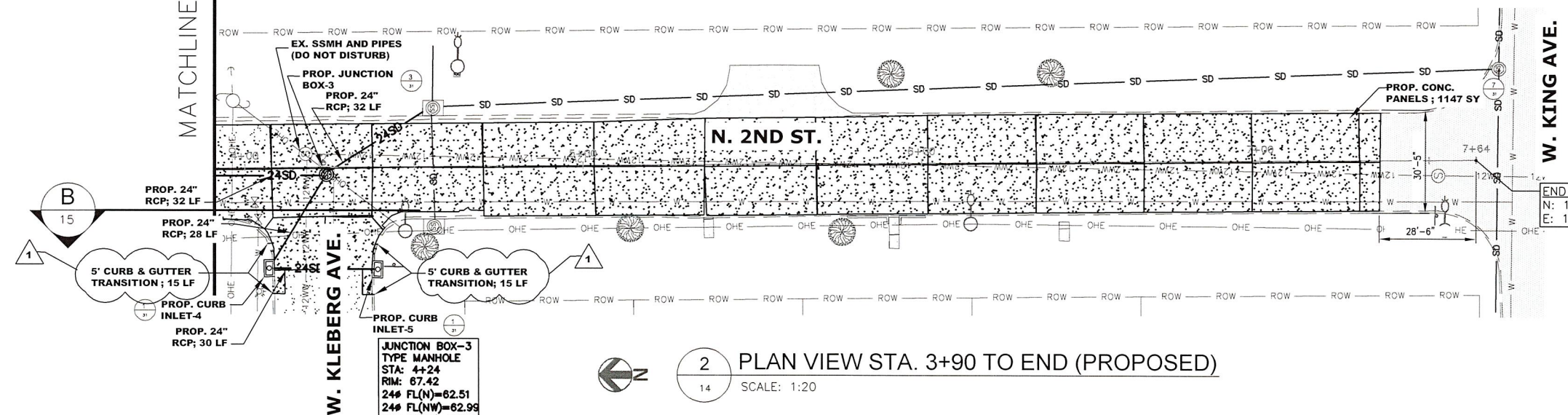
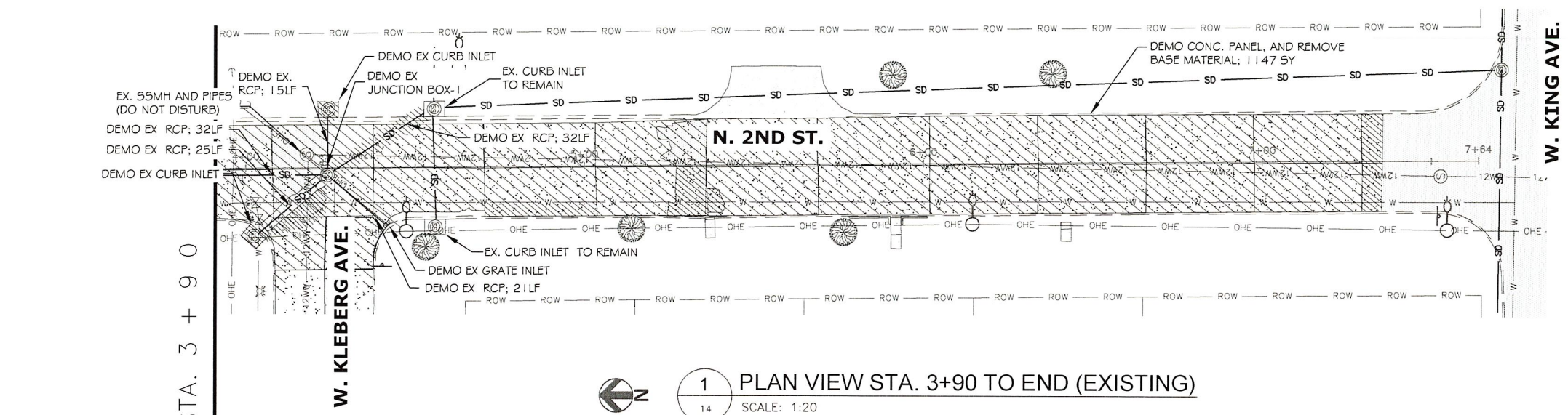
**2023-2024 CITY-WIDE MISCELLANEOUS CONCRETE AND
 DRAINAGE IMPROVEMENTS - PHASE 3**

**DRAINAGE FLUME BETWEEN E. LAWDALE DR. TO
 E. SEN. CARLOS TRUAN BLVD. PLAN AND PROFILE - STA 7+50 TO END**

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END CONSTRUCTION
N: 170767556.50
E: 1187326.65

REVISED 7/24/2024
1 5' CURB & GUTTER
NOTES REVISED

SHEET QUANTITIES

UNIT	QTY	DESCRIPTION
LF	60	DEMO 6" CONC. CURB & GUTTER
SY	1147	DEMO CONC. PAVEMENT
EA	1	DEMO JUNCTION BOX
LF	125	DEMO STORM PIPE
EA	2	DEMO CURB INLET
EA	1	DEMO GRATE INLET
LF	30	6" CONC. CURB & GUTTER
SY	1147	LIMESTONE FILL (6" AVG. DEPTH)
SY	1147	CONC. PAVEMENT 6" THICK
EA	1	CONC. STORM MANHOLE
LF	122	24" DIA. RCP
EA	2	CON. CURB INLET

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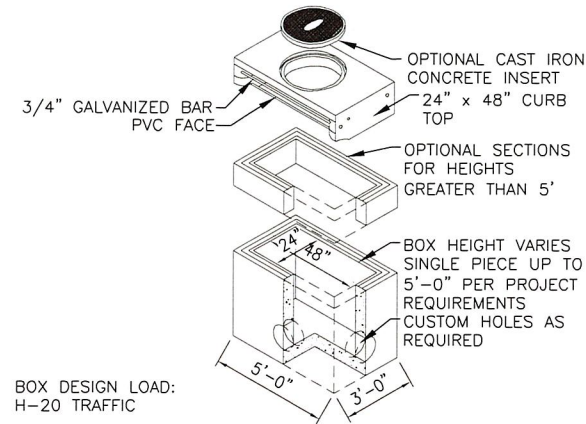


Rutilio P. Mora Jr. 7/24/2024
RUTILIO P. MORA JR., P.E. NO. 111588

2023-2024 CITY-WIDE MISCELLANEOUS CONCRETE AND DRAINAGE IMPROVEMENTS - PHASE 3
S. 2ND ST. FROM W. KLEBERG AVE. TO W. KING AVE.
PLAN AND PROFILE - STA. 3+90 TO END

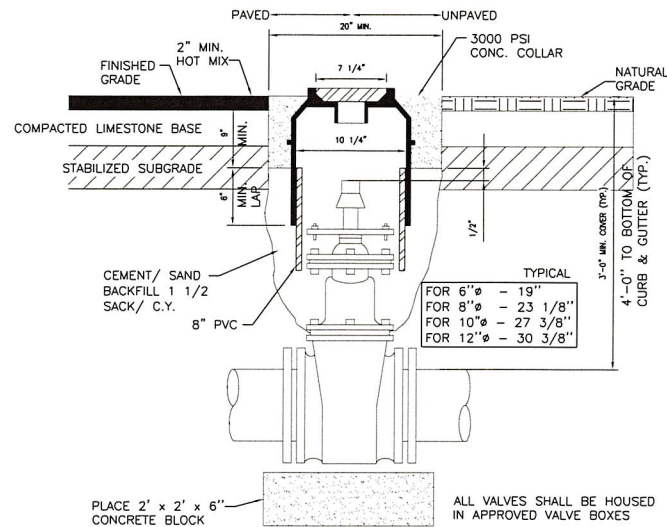
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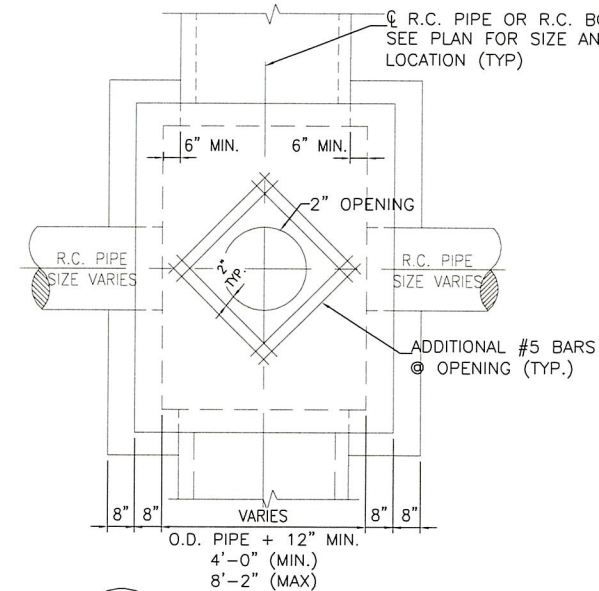
1 CURB INLET & CATCH BASIN DETAIL

31 SCALE: N.T.S.



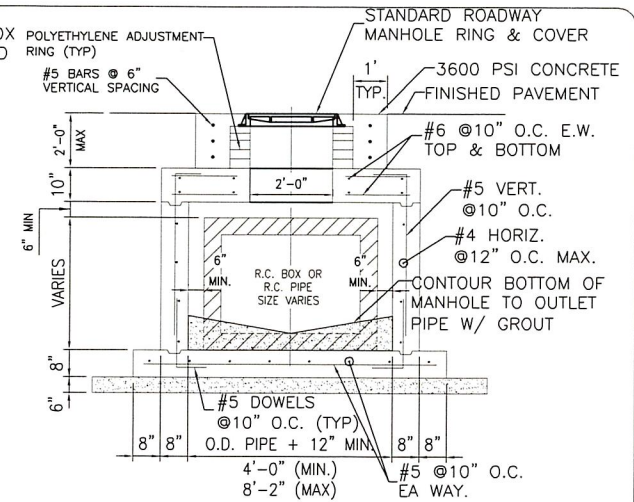
2 VALVE BOX DETAIL

31 SCALE: NOT TO SCALE



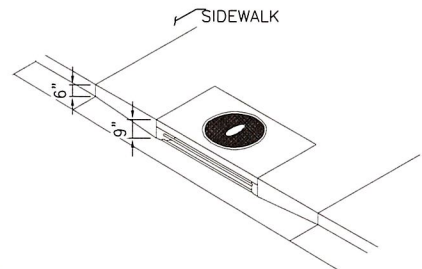
3 TYPE "C" JUNCTION BOX

31 SCALE: NOT TO SCALE



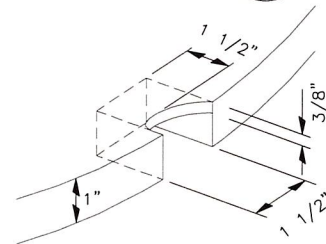
3 TYPE "C" JUNCTION BOX

31 SCALE: NOT TO SCALE



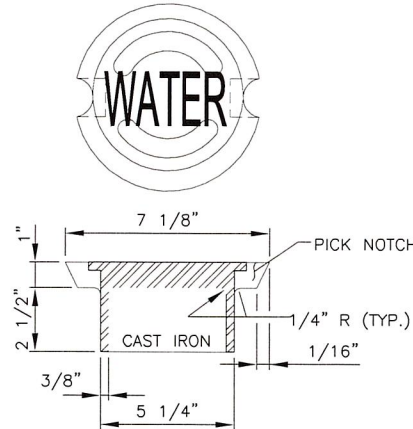
4 CURB INLET & SIDEWALK DETAIL

31 SCALE: N.T.S.



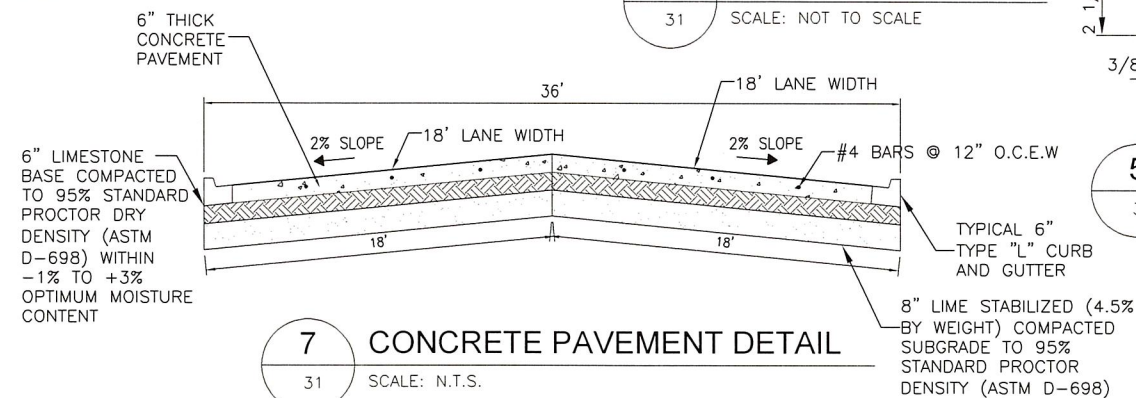
6 PICK NOTCH DETAIL

31 SCALE: NOT TO SCALE



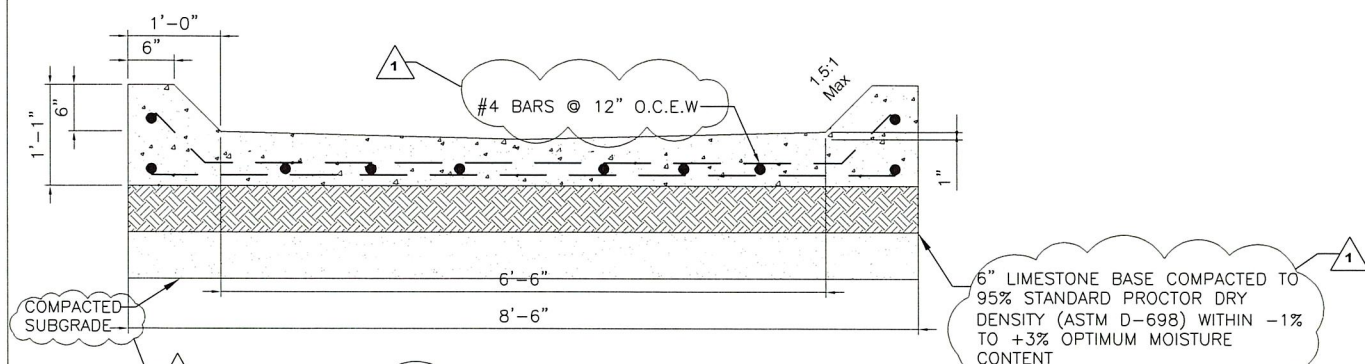
5 LID DETAIL

31 SCALE: NOT TO SCALE



7 CONCRETE PAVEMENT DETAIL

31 SCALE: N.T.S.



8 CONCRETE FLUME

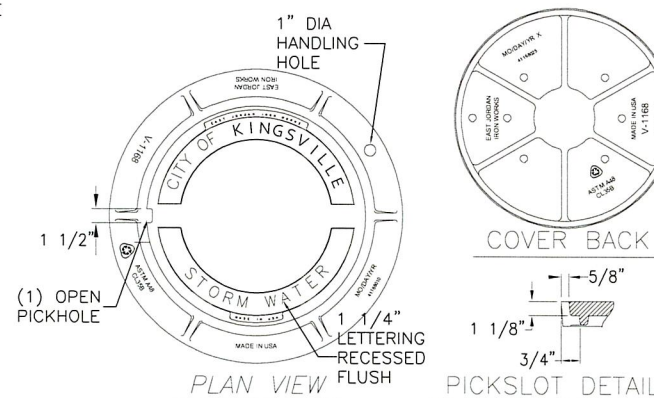
31 SCALE: NOT TO SCALE

GENERAL NOTES FOR CONCRETE DRAINAGE STRUCTURES:

1. ALL CONCRETE SHALL BE CLASS "C" (3600 PSI) EXCEPT STANDARD CURB INLETS AND CONCRETE COLLARS MAY BE CLASS "A".
2. ALL REINFORCING STEEL SHALL BE GRADE 60.
3. DIMENSIONS RELATING TO REINFORCING STEEL ARE TO CENTERS OF BARS.
4. VERTICAL STEEL MAY BE SPLICED (15" MIN. LAP) IN THE LOWER ONE-HALF OF ALL INLET WALLS.
5. IN AREAS OF CONFLICT BETWEEN REINFORCING STEEL, PIPES AND MANHOLE FRAME, THE REINFORCEMENT SHALL BE BENT OR ADJUSTED TO CLEAR AS DIRECTED BY THE ENGINEER.
6. CHAMFER ALL EXPOSED EDGES 3/4".
7. PROVIDE STANDARD SIDEWALK MANHOLE RING AND COVER FOR STANDARD CURB INLET. PROVIDE STANDARD ROADWAY STORM WATER MANHOLE RING AND COVER FOR SPECIAL CURB INLET.
8. THE CONTRACTOR MAY PROPOSE ALTERNATE PROCEDURES FOR THE CONSTRUCTION OF INLETS AND MANHOLES, INCLUDING PRECAST UNITS. PLANS FOR SUCH PROPOSED ALTERNATES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL BEFORE CONSTRUCTION. PRECAST MANHOLE WITHIN THE ROADWAY SHALL BE DESIGNED TO SUPPORT HS 20 TRAFFIC LOADING AND SEALED BY A LICENSED ENGINEER.
9. ALL INLET WALLS SHALL BE FORMED EXCEPT WHERE THE NATURE OF THE SURROUNDING MATERIAL IS SUCH THAT IT CAN BE TRIMMED TO A SMOOTH VERTICAL FACE. WHEN INLET WALLS ARE PLACED TO NEAT EXCAVATION LINES THE WALL THICKNESS SHALL NOT EXCEED 10 INCHES. PAYMENT FOR INLET AT THE CONTRACT PRICE SHALL INCLUDE THE TRANSITION CURB.
10. INVERT OF INLET SHALL BE SLOPED 1:20 WITH GROUT.
11. NO SPLICING OF REINFORCING STEEL SHALL BE PERMITTED EXCEPT WHERE OTHERWISE NOTED ON THE PLANS OR PERMITTED IN WRITING BY THE ENGINEER.
12. IN DEEP EXCAVATIONS (> 20') OR BELOW WATER TABLE, USE CRUSHED STONE OR CRUSHED GRAVEL MEETING GRADATION OF CONCRETE COARSE AGGREGATE; TxDOT ITEM 421; GRADE 2, 3, OR 4.

ROADWAY MANHOLE RING & COVER NOTES

1. MANHOLE RING & COVER SHALL BE SUPER COVER OR APPROVED EQUAL.
2. CASTING SHALL BE TRUE TO PATTERN, FORM, AND DIMENSIONS, FREE FROM CRACKS, SPONGINESS AND BLOWHOLES.
3. MACHINE SURFACES TO YIELD FIT WHICH WILL NOT RATTLE WITH PASSING TRAFFIC LOAD.
4. TRAFFIC SHALL BE RESTRICTED FROM M.H. FOR 36 HOURS AFTER PLACEMENT OF RING.
5. RING AND COVER SHALL BE DIPPED IN COAL TAR OR ASPHALT.
6. OTHER CASTING PATTERNS FOR RING & COVERS MAY BE SUBMITTED FOR APPROVAL PROVIDED THE PLAN PATTERN OF COVER IS THE SAME AS SHOWN ON THIS SHEET AND PROVIDED OTHER CASTINGS SHALL BE COMPLETELY INTERCHANGEABLE, I.E., THE COVERS OF THIS SHEET SHALL FIT PROPERLY, THE RINGS OF OTHER CASTING DETAILS AND THE COVERS OF OTHER CASTINGS SHALL FIT THE RINGS OF THIS SHEET.
7. MINIMUM WEIGHTS OF FINISHED CASTINGS : THE COVER = 160 POUNDS, THE RING = 180 POUNDS.
8. POLYETHYLENE MANHOLE ADJUSTMENT RINGS SHALL BE DESIGNED TO SUPPORT HS 20 TRAFFIC LOADING.



9 JUNCTION BOX RING DETAIL

31 SCALE: NOT TO SCALE

REVISED 7/24/2024

1 CONCRETE FLUME DETAIL REVISED

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MISCELLANEOUS DETAILS III

SHEET
31