



Ann M. Stillman
Interim Director

County Government Center
555 County Center, 5th Floor
Redwood City, CA 94063
650-363-4100 T
650-361-8220 F
www.smcgov.org

May 17, 2022

COUNTY OF SAN MATEO

**RECONSTRUCTION OF ENCINA AVENUE
FROM MIDDLEFIELD ROAD TO END**

**COUNTY PROJECT NO. RW703
PROJECT FILE NO. E5044000**

ADDENDUM NO. 1

TO ALL PLAN HOLDERS:

The following **Addendum No. 1** to the above referenced project, dated April 15, 2022, shall be included in the project plans and specifications.

1. The bid opening date has been moved to May 26, 2022 at 2:30 p.m. Pages 1 - 3 of the NC.E5044 (Notice to Contractor) Section shall be replaced in the Project Specifications

Replace pages 1, 2 and 3 of the NC.E5044 Section with pages 1 (REV), 2 (REV) and 3 (REV) NC.E5044 Section.

2. Page 7 of the NC.E5044 (Notice to Contractor) Section shall be replaced in the Project Specifications:

Replace page 7 of the NC.E5044 Section with page 7 (REV) of the NC.E5044 Section.

3. Page 7 of the PR.E5044 (Proposal) Section shall be replaced in the Project Specifications

Replace page 7 of the PR.E5044 Section with page 7 (REV) of the PR.E5044 Section.

4. The following sheets shall be replaced in the Project Plans:

Replace Plan sheets 5, 6, 7, 10, 11, 12, 16, 17, 18, 19, 20 of the Plans with sheets 5 (REV), 6 (REV), 7 (REV), 10 (REV), 11 (REV), 12 (REV), 16 (REV), 17 (REV), 18 (REV), 19 (REV), 20 (REV) of the Project Plan sheets, respectively.



TO ALL PLAN HOLDERS:

RECONSTRUCTION OF ENCINA AVENUE FROM MIDDLEFIELD ROAD TO END

ADDENDUM NO. 1

May 17, 2022

Page 2

Please sign and return the attached “Receipt of Addendum No. 1” form. The “Receipt of Addendum No. 1” form MUST be received in this office no later than 4:00 PM Wednesday, May 25, 2022 or the bid will NOT be considered. The Receipt of Addendum can be emailed to Krzysztof Lisaj attention at klisaj@smcgov.org, with carbon copy to wng@smcgov.org and jschabowski@smcgov.org.

If you have any questions or require additional information, please contact John Schabowski, Wency Ng, or Krzysztof Lisaj of our office at (650) 363-4100. They can also be reached by e-mail at:

jschabowski@smcgov.org

wng@smcgov.org

klisaj@smcgov.org

Very truly yours,



Ann M. Stillman,
Interim Director of Public Works

AMS:KL:WN:JS

F:\Users\design\C3D\E5044000_Encina Ave Recon\01 Bid Process\Addendums\Addendum 1\E5044 Addendum 1.docx

Encl.- “Receipt of Addendum No. 1” Form

Revised Pages 1 (REV), 2 (REV), 3 (REV) and 7 (REV) of the NC.E5044 Section

Revised Pages 7 (REV) of the PR.E5044 Section

Revised Sheets 5 (REV), 6 (REV), 7 (REV), 10 (REV), 11 (REV), 12 (REV), 16 (REV), 17 (REV), 18 (REV), 19 (REV), 20 (REV) of the Plans

cc: Krzysztof Lisaj, Principal Civil Engineer, Engineering and Construction
Wency Ng, Senior Civil Engineer, Project Development and Design
John Schabowski, Assistant Engineer, Project Development and Design



Ann M. Stillman
Interim Director

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May 17, 2022

COUNTY OF SAN MATEO

**RECONSTRUCTION OF ENCINA AVENUE
FROM MIDDLEFIELD ROAD TO END**

**COUNTY PROJECT NO. RW703
PROJECT FILE NO. E5044000**

RECEIPT OF ADDENDUM NO. 1

I, _____, an authorized representative for _____, have received **Addendum No. 1** for the Reconstruction of Encina Avenue from Middlefield Road to End in the North Fair Oaks Area from an authorized representative of the County of San Mateo, to be included in the Plans and Specifications for the above referenced project.

This form must be signed and received in the offices of the County of San Mateo, Department of Public Works **no later than 4:00 PM, Wednesday, May 25, 2022.**

“Contractor”

(Print)

(Signature)

(Date)



**COUNTY OF SAN MATEO
STATE OF CALIFORNIA**

NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN, that

Sealed bids will be received ~~either by mail~~ to the office of the County Executive/Clerk of the Board of Supervisors, ~~or hand-delivered within one (1) hour prior to the bid opening to the main public entrance~~ of the Hall of Justice and Records, 400 County Center, Redwood City, California, 94063 until the hour of 1:00 p.m., Wednesday, May 18, 2022 2:30 p.m., Thursday, May 26, 2022 which ~~all bids (mailed in or hand-delivered)~~ will then be transmitted to the ~~main public entrance~~ County Executive's Office of the Hall of Justice and Records ~~at 400 County Center, Redwood City~~, where the bids will be publicly opened and read aloud for the following project in accordance with the specifications therefore and to which special reference is made as follows:

**RECONSTRUCTION OF ENCINA AVENUE
FROM MIDDLEFIELD ROAD TO END**

**TOTAL PROJECT APPROXIMATELY 0.33 IN LENGTH
WITH APPURTENANT WORK THERETO
IN SAN MATEO COUNTY**

**COUNTY PROJECT NO. RW935
PROJECT FILE NO. E5044000**

Bids are required for the entire work described herein.

Bidders are further advised of the following:

1. **Contractor should be placed on a Plan Holders List for bidding. To be placed on the Plan Holders List, the Contractor shall either:**
 - a. **Purchase Plans and Specifications, including forms of proposal and contract, from the County of San Mateo Department of Public Works. When purchasing by phone (650-363-4100) or email jschabowski@smcgov.org, please send check payable to "County of San Mateo" to 555 County Center, 5th Floor, Redwood City, CA 94063; OR**
 - b. **Complete and sign the following Plan Holder's Affidavit by using the link below and you will receive a separate link for downloading an electronic copy of the plans and Specifications:**

<https://www.smcgov.org/publicworks/affidavit-form-reconstruction-encina-avenue-middlefield-road-end>

The contractor is advised that the table should be received by the County no later than three (3) working days prior to the bid opening date.

- c. If plans and specifications are obtained through a source other than those outlined in 1a and 1b above, complete and sign the following Plan Holder's Affidavit and return to the County by either PDF via email to jschabowski@smcgov.org or by fax at (650) 361-8220. The Contractor is advised that the table should be received by the County no later than three (3) working days prior to the bid opening date.

Plan Holder's Affidavit	
Project Title	Reconstruction of Encina Avenue from Middlefield Road to End
Project No.	RW935
	Project Engineer: John Schabowski
	Project Manager: Wency Ng
Bid Open Date and Time:	2:30 p.m., Wednesday, May 18, 2022 <u>2:30 p.m., Thursday, May 26, 2022</u>
Company Name:	_____
Mailing Address:	_____
Phone Number:	Fax Number: _____
E-mail Address:	_____
(Name and Title of Authorized Representative of Bidder)	
(Signature of Authorized Representative of Bidder)	

2. The Plan Holders List will be posted to the County of San Mateo's Public Works website two (2) working days prior to the bid open date.
3. Questions regarding the Contract Documents concerning items such as

discrepancies, conflicts, omissions, doubts as to meanings, or regarding scope of bid items shall be referred to the Engineer. Inquiries must be received in writing via email, to jschabowski@smcgov.org, not less than five (5) working days prior to bid opening. Inquiries will be answered in writing via email response if written clarification is warranted, in the opinion of the Engineer, then inquiries and responses will be posted to the Project's page on the County of San Mateo's Public Works website. It will be the Contractor's sole responsibility to ensure that they receive responses, *if any*. The County will not be responsible for oral clarifications.

4. It will be the Contractor's sole responsibility to ensure that they have received addendums, if any, which will be posted to the County of San Mateo's Public Works website on the same day issued. Said addendums will also be sent to all current plan holders and made available during purchase of Plans and Specifications.
5. The Contractor's attention is directed in particular that proposals in which the prices obviously are unbalanced may be rejected.

The Department of Public Works website will be updated as needed and can be accessed under the Department's tab found on the County of San Mateo website

[\(<http://publicworks.smcgov.org>\)](http://publicworks.smcgov.org).

**RECONSTRUCTION OF ENCINA AVENUE
FROM MIDDLEFIELD ROAD TO END
(Engineer's Estimate – Continued from Previous Page)**

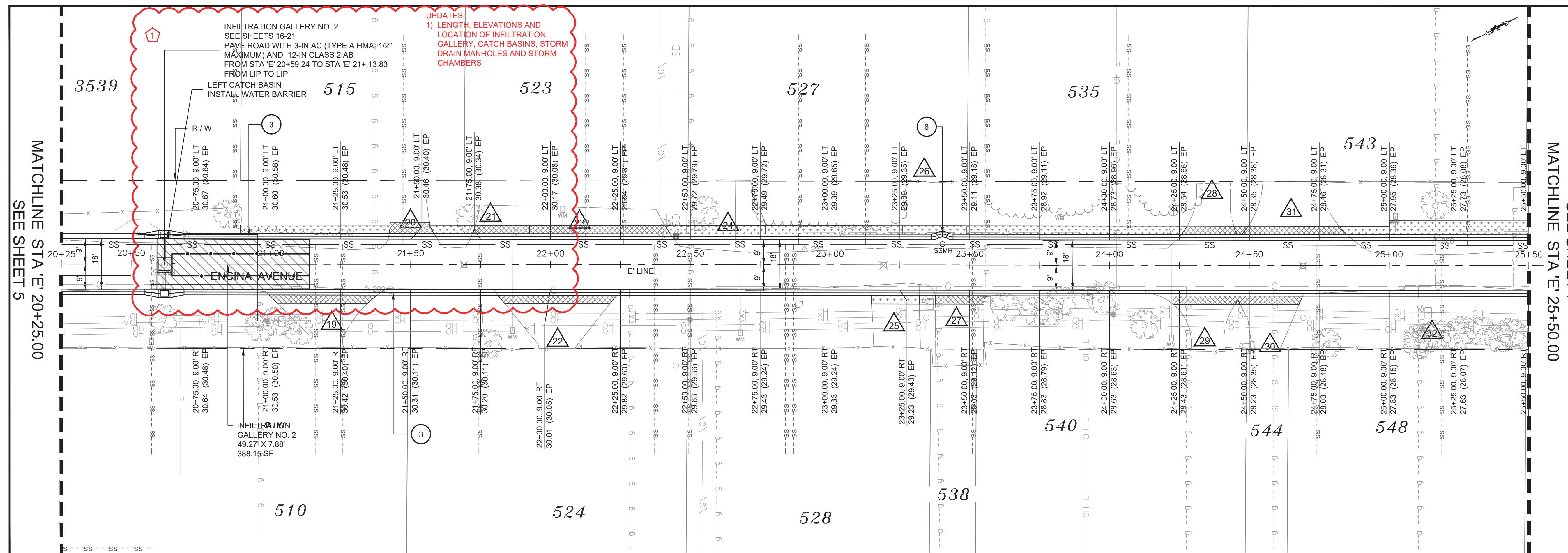
Item No.	Section No.	Estimated Quantity	Unit of Measure	Item Description
32	81 (S)	5	EA	Pavement Marker (Blue Reflective, Fire Hydrant Markers)
33	81 (S)	18	EA	Pavement Marker (Type D Two-Way, Yellow, Retroreflective)
34	84-1 (S)	100	SF	Thermoplastic Pavement Markings
35	90 (S)	<u>70_85</u>	TON	Portland Cement
36	94-1	5	TON	Asphaltic Emulsion
37	100 (S)	1	LS	Construction Staking
38	101	725	LF	Root Control
39	103	2,000	LF	Pipe Burst Existing 6" VCP and Install 6" HDPE in Street
40	103	120	LF	Pipe Burst Existing 6" VCP and Install 6" HDPE in Easement
41	103-10	51	EA	Reconnect Sanitary Sewer Laterals (Pipe Bursting Method)
42	104-4	170	LF	Remove Existing 6" VCP and Install 6" PVC by Open Trench Method

Engineer's Estimate - Continued on Next Page

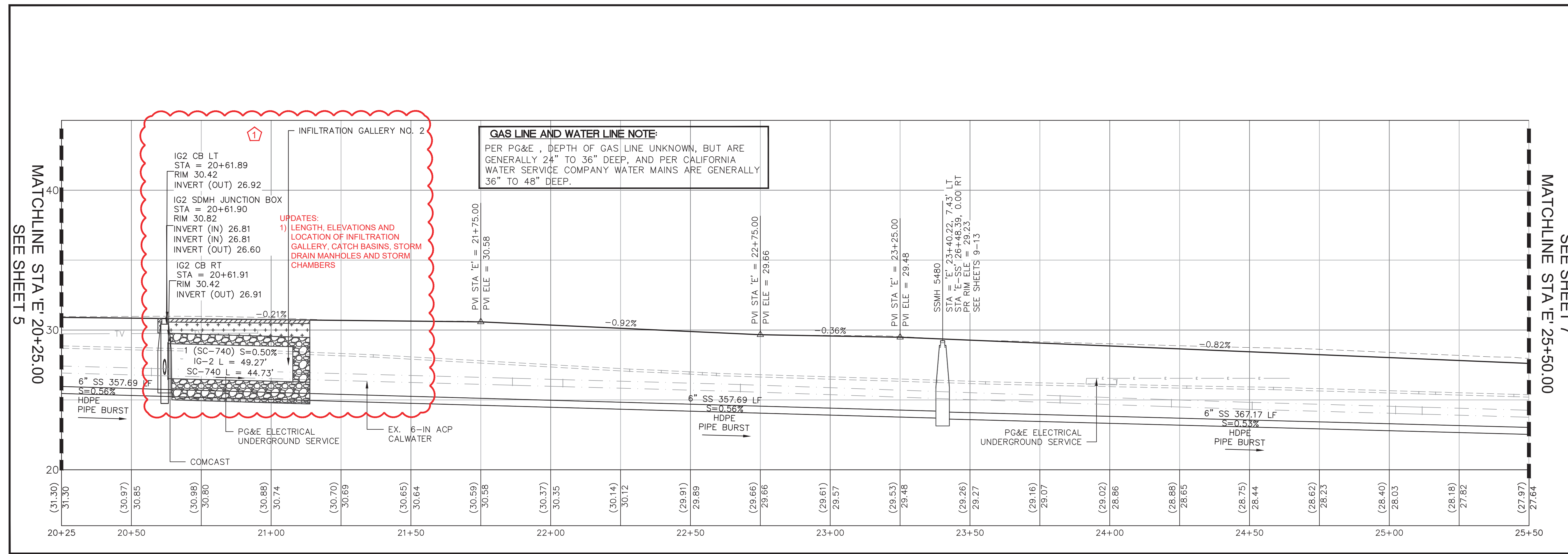
**RECONSTRUCTION OF ENCINA AVENUE
FROM MIDDLEFIELD ROAD TO END
(Engineer's Estimate – Continued from Previous Page)**

Item No.	Section No.	Estimated Quantity	Unit of Measure	Item Description	Item Price (In Figures)	Total (In Figures)
32	81 (S)	5	EA	Pavement Marker (Blue Reflective, Fire Hydrant Markers)	\$	\$
33	81 (S)	18	EA	Pavement Marker (Type D Two-Way, Yellow, Retroreflective)	\$	\$
34	84-1 (S)	100	SF	Thermoplastic Pavement Markings	\$	\$
35	90 (S)	70 85	TON	Portland Cement	\$	\$
36	94-1	5	TON	Asphaltic Emulsion	\$	\$
37	100 (S)	1	LS	Construction Staking	\$	\$
38	101	725	LF	Root Control	\$	\$
39	103	2,000	LF	Pipe Burst Existing 6" VCP and Install 6" HDPE in Street	\$	\$
40	103	120	LF	Pipe Burst Existing 6" VCP and Install 6" HDPE in Easement	\$	\$
41	103-10	51	EA	Reconnect Sanitary Sewer Laterals (Pipe Bursting Method)	\$	\$
42	104-4	170	LF	Remove Existing 6" VCP and Install 6" PVC by Open Trench Method	\$	\$

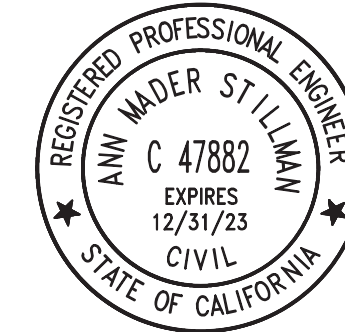
Proposal - Continued on Next Page



PLAN SCALE 1 IN = 20 FT



CENTERLINE PROFILE SCALE
1 IN = 20 FT HORIZONTAL
1 IN = 4 FT VERTICAL



APPROVED:
DATE: April 15, 2022
ANN MADER STILLMAN,
INTERIM DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882 / EXPIRES 12-31-2023

LEGEND:

- SD STORM DRAIN LINE (EX / PR)
- SS SANITARY SEWER MAIN (EX / PR)
- SS SANITARY SEWER LATERAL (EX)
- W WATER LINE (EX)
- G GAS LINE (EX)
- G GAS SERVICE LATERAL (EX)
- ABANDON GAS (EX)
- E UNDERGROUND ELECTRICAL LINE (EX)
- TV UNDERGROUND TV LINE (EX)
- OH OVERHEAD LINE (EX)
- ELECTRICAL, TV, COMMUNICATION

- COUNTY/TOWN BOUNDARY
- RIGHT OF WAY
- CONSTRUCTION CENTERLINE
- SURVEY TIE
- === 2-FT VALLEY GUTTER
- === 6-INCH CONCRETE BAND
- EXISTING EDGE OF PAVEMENT (ATHERTON)
- HEADER BOARD
- ▲ DRIVEWAY CONFORM NO.

- [Pattern] NATIVE BACKFILL
- [Pattern] MISCELLANEOUS ASPHALT CONCRETE
- [Pattern] 0.25-FT ASPHALT CONCRETE
- [Pattern] DEEP LIFT AREAS (0.50' DEEP ASPHALT CONCRETE)
- [Pattern] CLASS 2 AGGREGATE BASE - AB (CL. 2) (GRAVEL)
- [Pattern] CLASS 3 CONCRETE
- [Pattern] 2" WASHED, CRUSHED STONE
- [Pattern] PAVE ROAD WITH 3-IN AC (TYPE A HMA, 1/2" MAXIMUM) AND 12-IN CLASS 2 AB

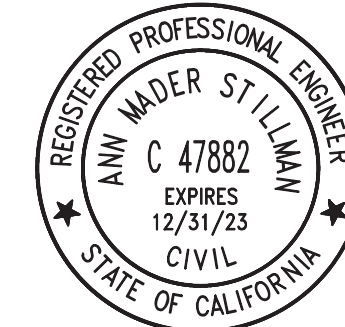
DETAILS

- 3 CONCRETE VALLEY GUTTER
- 8 CONCRETE VALLEY GUTTER TRANSITION AT MANHOLE
- C14
- E15

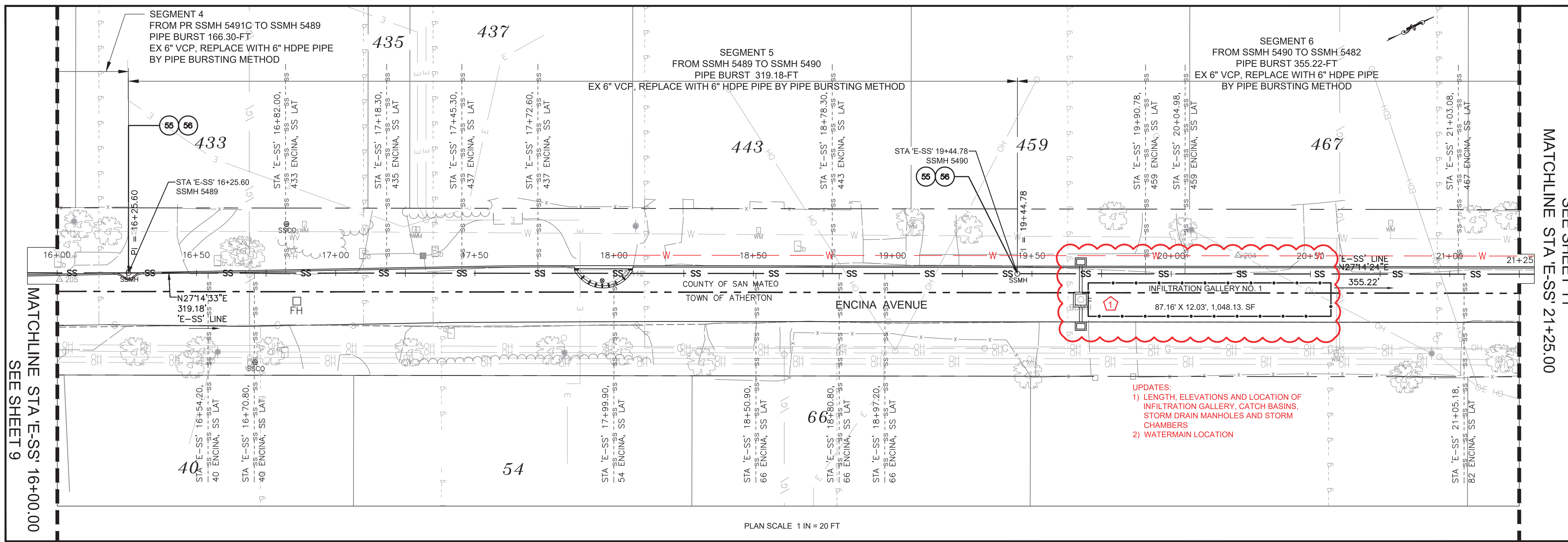


05-17-2022, ADDENDUM 1		DESIGNED BY: JS	RECONSTRUCTION OF ENCINA AVENUE FROM MIDDLEFIELD ROAD TO END ROAD - PLAN & PROFILE 3/4	SCALE: 1IN = 20FT
		CHECKED BY: WN		DATE: 04-15-2022
		DRAWN BY: JS		FILE NO.: 1/5044
REVISION	DATE	ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO		555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES			0 1 2 3 4	6 REV SHEET 6 OF 25

FILENAME: F:\USERS\DESIGN\C3D\ES044\000_ENCINA_AVE_RECON\10_DWG\VP-ES044004-7.DWG (1-5044006)

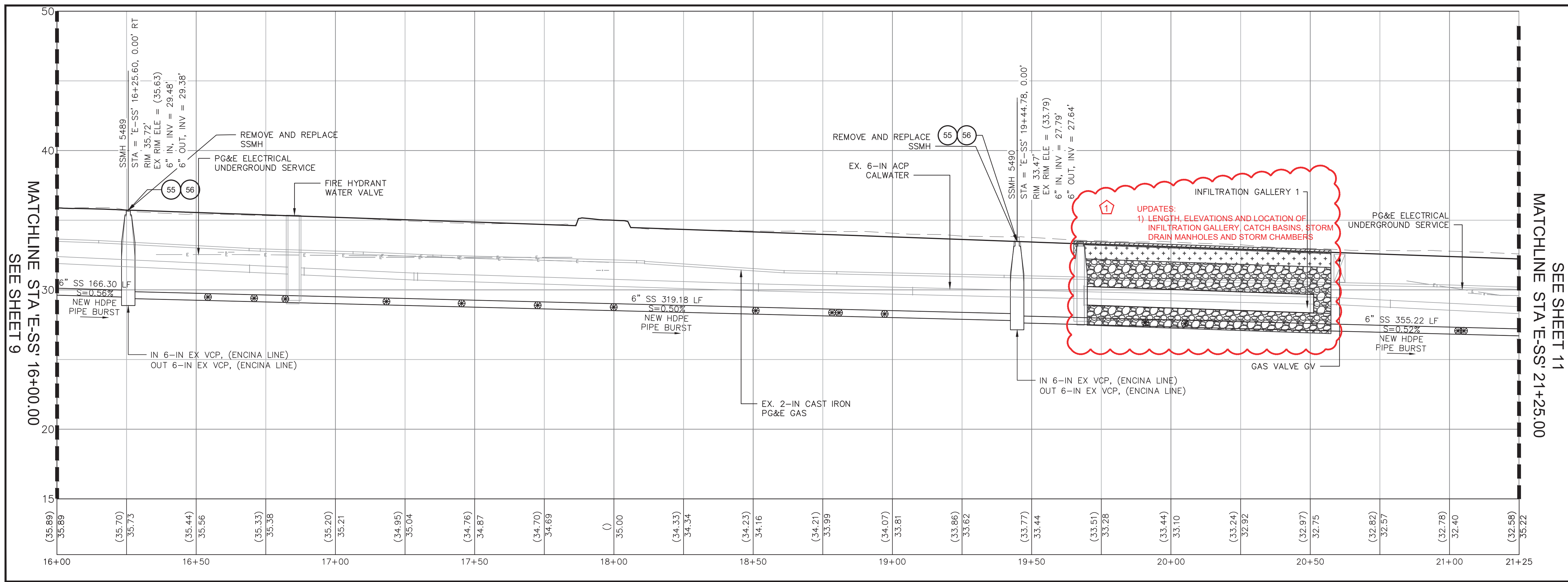


APPROVED: _____
 DATE: April 15, 2022
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023



- LEGEND:**
- SD STORM DRAIN LINE
 - SS SANITARY SEWER LINE
 - SS SANITARY SEWER LINE "ACTIVE" PROFILE
 - SS SANITARY SEWER LINE (Abn) PROFILE
 - SS SANITARY SEWER LATERAL (EX)
 - W WATER LINE (EX)
 - G GAS LINE (EX)
 - G GAS SERVICE LATERAL (EX)
 - ABANDON GAS (EX)
 - E UNDERGROUND ELECTRICAL LINE (EX)
 - TV UNDERGROUND TV LINE (EX)
 - OH OVERHEAD LINE (EX)
 - OH ELECTRICAL, TV, COMMUNICATION
 - COUNTY/TOWN BOUNDARY
 - RIGHT OF WAY
 - CONSTRUCTION CENTERLINE
 - SURVEY TIE
 - 2-FT VALLEY GUTTER
 - 6-INCH CONCRETE BAND
 - EXISTING EDGE OF PAVEMENT (ATHERTON)
 - HEADER BOARD
 - ▲ DRIVEWAY CONFORM NO.
 - Native Backfill
 - Miscellaneous Asphalt Concrete
 - 0.25-FT ASPHALT CONCRETE
 - DEEP LIFT AREAS (0.50' DEEP ASPHALT CONCRETE)
 - CLASS 2 AGGREGATE BASE - AB (CL. 2) (GRAVEL)
 - CLASS 3 CONCRETE
 - 2" WASHED, CRUSHED STONE
 - NEW SANITARY SEWER LATERAL LOCATION (PROFILE)
 - EX SANITARY SEWER LATERAL LOCATION (PROFILE)

UPDATES:
 1) LENGTH, ELEVATIONS AND LOCATION OF INFILTRATION GALLERY, CATCH BASINS, STORM DRAIN MANHOLES AND STORM CHAMBERS
 2) WATERMAIN LOCATION



- DETAILS**
- SS SANITARY SEWER MANHOLE DETAIL

SEE SHEET 24 TABLES
 SANITARY SEWER MANHOLE
 SANITARY SEWER REHABILITATION BY PIPE-BURSTING METHOD (6") WORK WITHIN ROAD RIGHT-OF-WAY

GAS LINE AND WATER LINE NOTE:
 PER PG&E, DEPTH OF GAS LINE UNKNOWN, BUT ARE GENERALLY 24" TO 36" DEEP, AND PER CALIFORNIA WATER SERVICE COMPANY WATER MAINS ARE GENERALLY 36" TO 48" DEEP.

CENTERLINE PROFILE SCALE
 1 IN = 20 FT HORIZONTAL
 1 IN = 4 FT VERTICAL



05-17-2022, ADDENDUM 1		DESIGNED BY: JS	RECONSTRUCTION OF ENCINA AVENUE FROM MIDDLEFIELD ROAD TO END		SCALE: 1IN = 20FT
		CHECKED BY: WN	SANITARY SEWER - PLAN & PROFILE 2/5		DATE: 04-15-2022
		DRAWN BY: JS	ANN MADER STILLMAN, DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO		FILE NO.: 1/5044
REVISION	DATE	555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063		10 REV SHEET 10 OF 25	



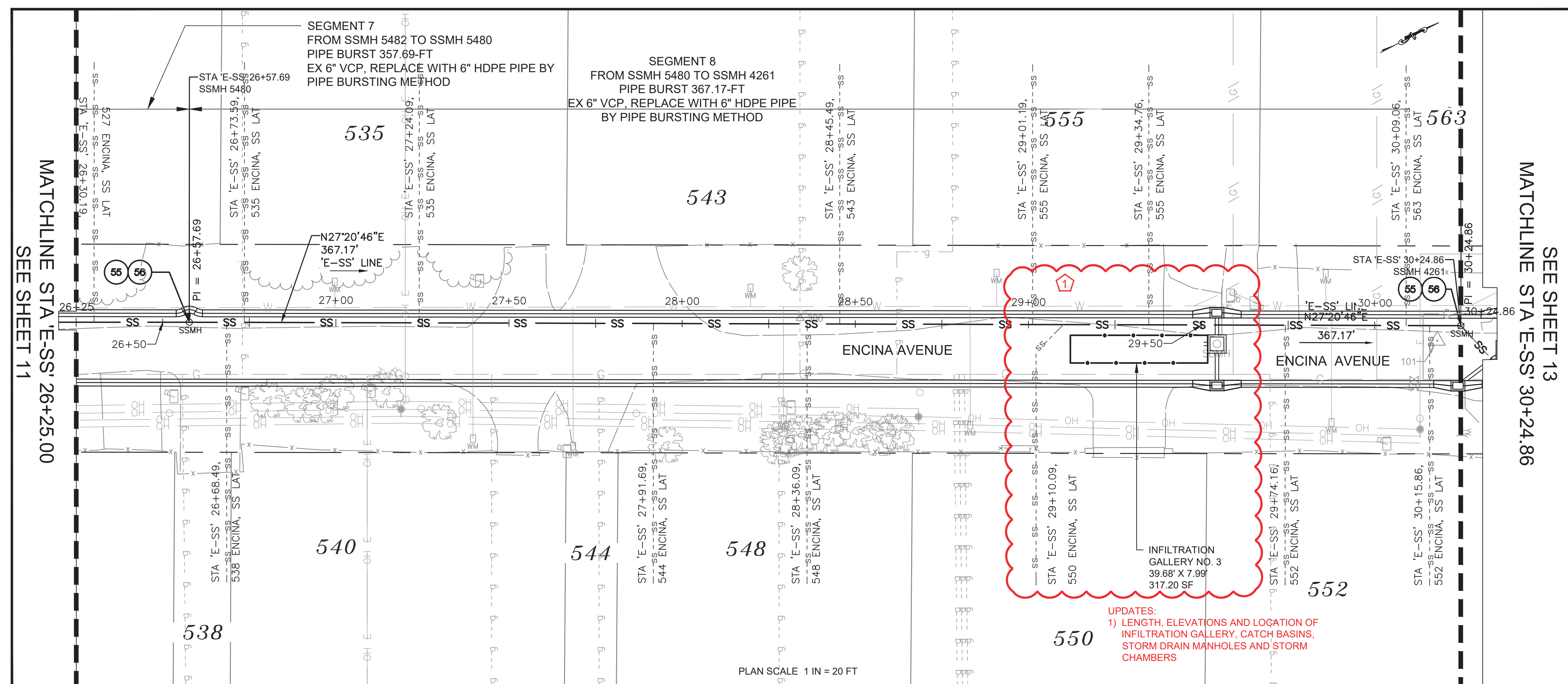
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APPROVED:

DATE: April 15, 2022

Ann Mader Stillman
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023

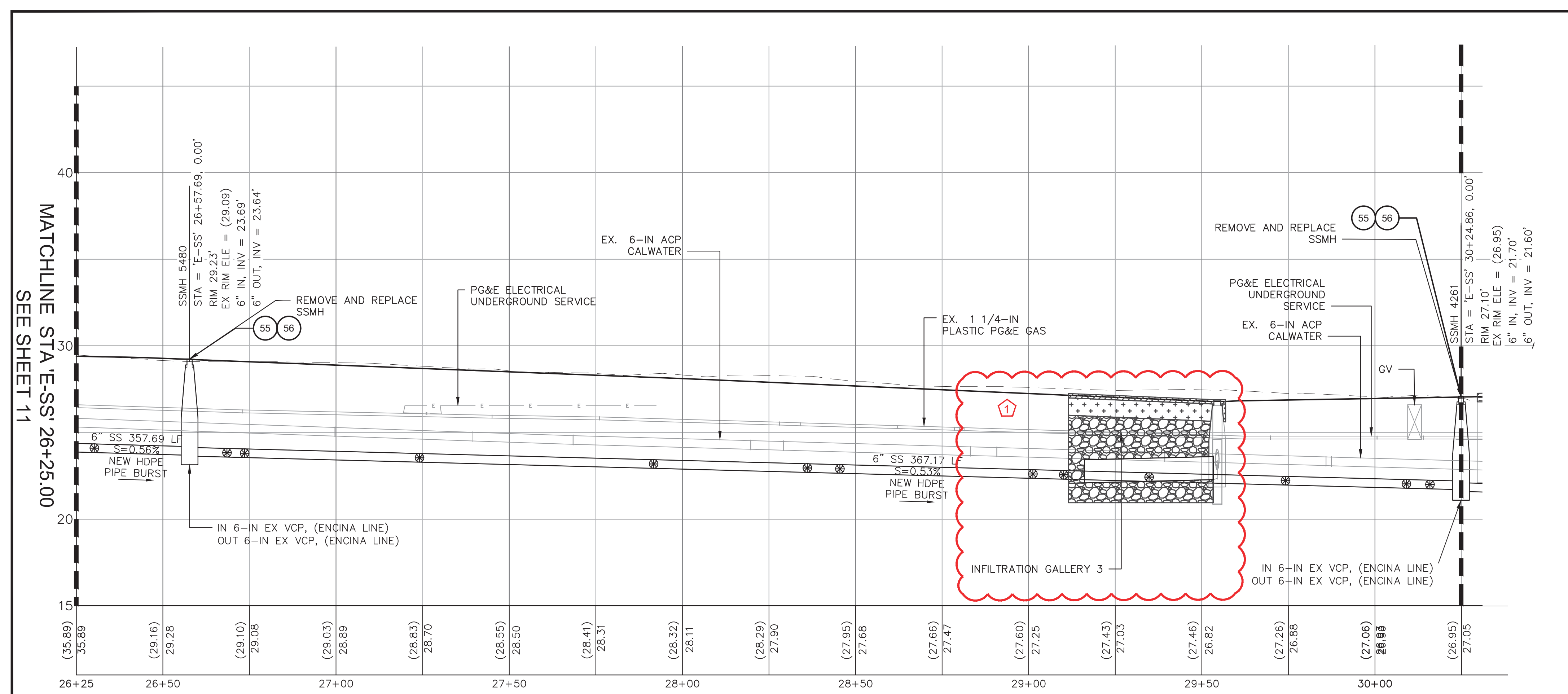


MATCHLINE STA 'E-SS' 26+25.00
 SEE SHEET 11

MATCHLINE STA 'E-SS' 30+24.86
 SEE SHEET 13

- LEGEND:**
- SD STORM DRAIN LINE
 - STORM DRAIN LINE
 - SS SANITARY SEWER LINE "ACTIVE"
 - SS SANITARY SEWER LINE "ACTIVE" PROFILE
 - SS SANITARY SEWER LINE (Abn)
 - SS SANITARY SEWER LINE (Abn) PROFILE
 - SS SANITARY SEWER LATERAL (EX)
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 - ELECTRICAL, TV, COMMUNICATION
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 - SURVEY TIE
 - 2-FT VALLEY GUTTER
 - 6-INCH CONCRETE BAND
 - EXISTING EDGE OF PAVEMENT (ATHERTON)
 - HEADER BOARD
 - ▲ DRIVEWAY CONFORM NO.

- DETAILS**
- 55 SANITARY SEWER MANHOLE DETAIL
 - A 23
- SEE SHEET 24 TABLES
 SANITARY SEWER MANHOLE
 SANITARY SEWER REHABILITATION BY PIPE-BURSTING
 METHOD (6") WORK WITHIN ROAD RIGHT-OF-WAY



MATCHLINE STA 'E-SS' 30+24.86
 SEE SHEET 13

GAS LINE AND WATER LINE NOTE:
 PER PG&E, DEPTH OF GAS LINE UNKNOWN, BUT ARE
 GENERALLY 24" TO 36" DEEP, AND PER CALIFORNIA
 WATER SERVICE COMPANY WATER MAINS ARE GENERALLY
 36" TO 48" DEEP.

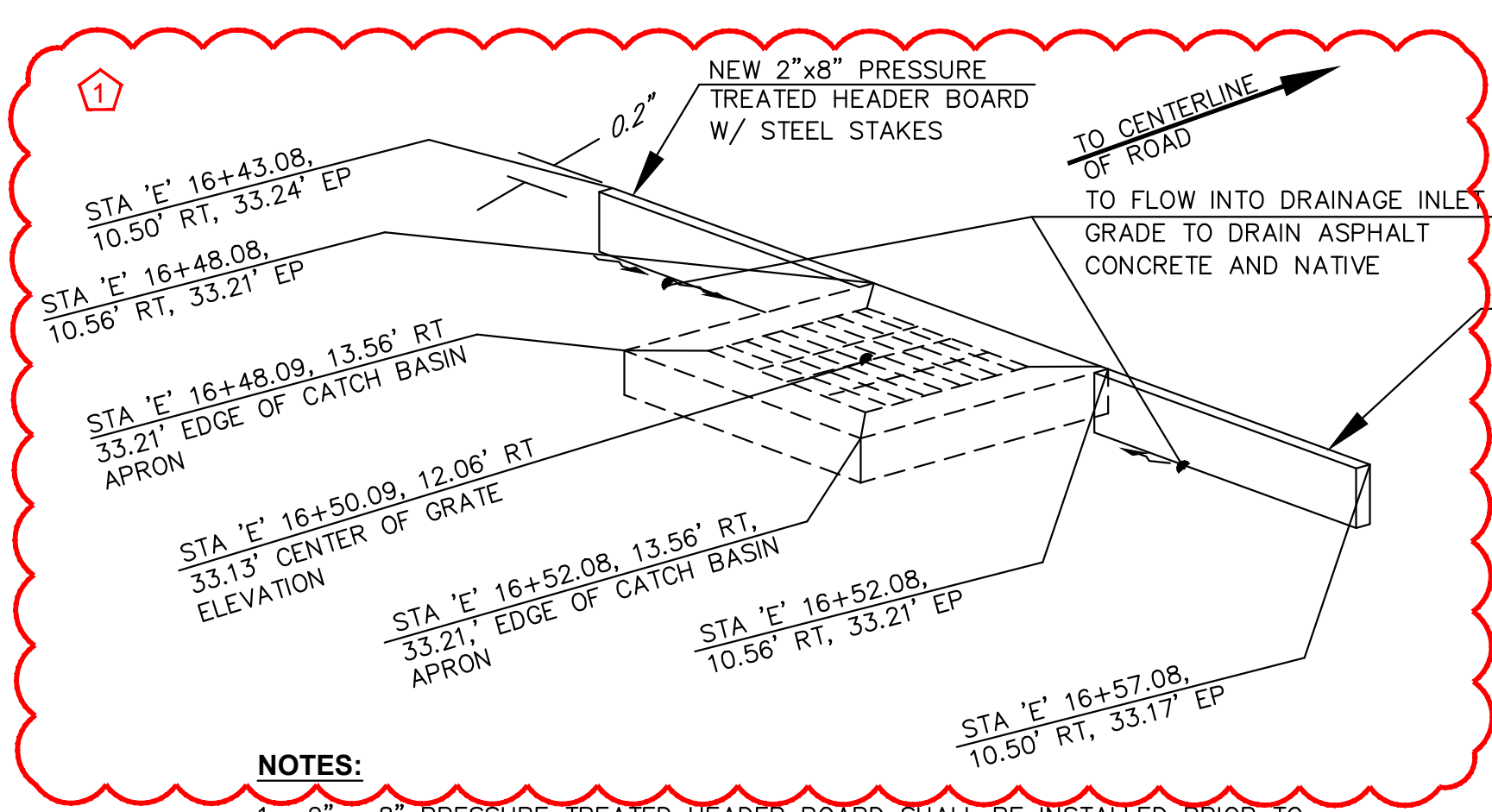
UPDATES:
 1) LENGTH, ELEVATIONS AND LOCATION OF
 INFILTRATION GALLERY, CATCH BASINS,
 STORM DRAIN MANHOLES AND STORM
 CHAMBERS



05-17-2022, ADDENDUM 1		DESIGNED BY: JS	RECONSTRUCTION OF ENCINA AVENUE FROM MIDDLEFIELD ROAD TO END		SCALE: 1IN = 20 FT
		CHECKED BY: WN	SANITARY SEWER - PLAN & PROFILE 4/5		DATE: 04-15-2022
		DRAWN BY: JS	ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO		FILE NO: 1/5044
REVISION	DATE	555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063		12 REV SHEET 12 OF 25	



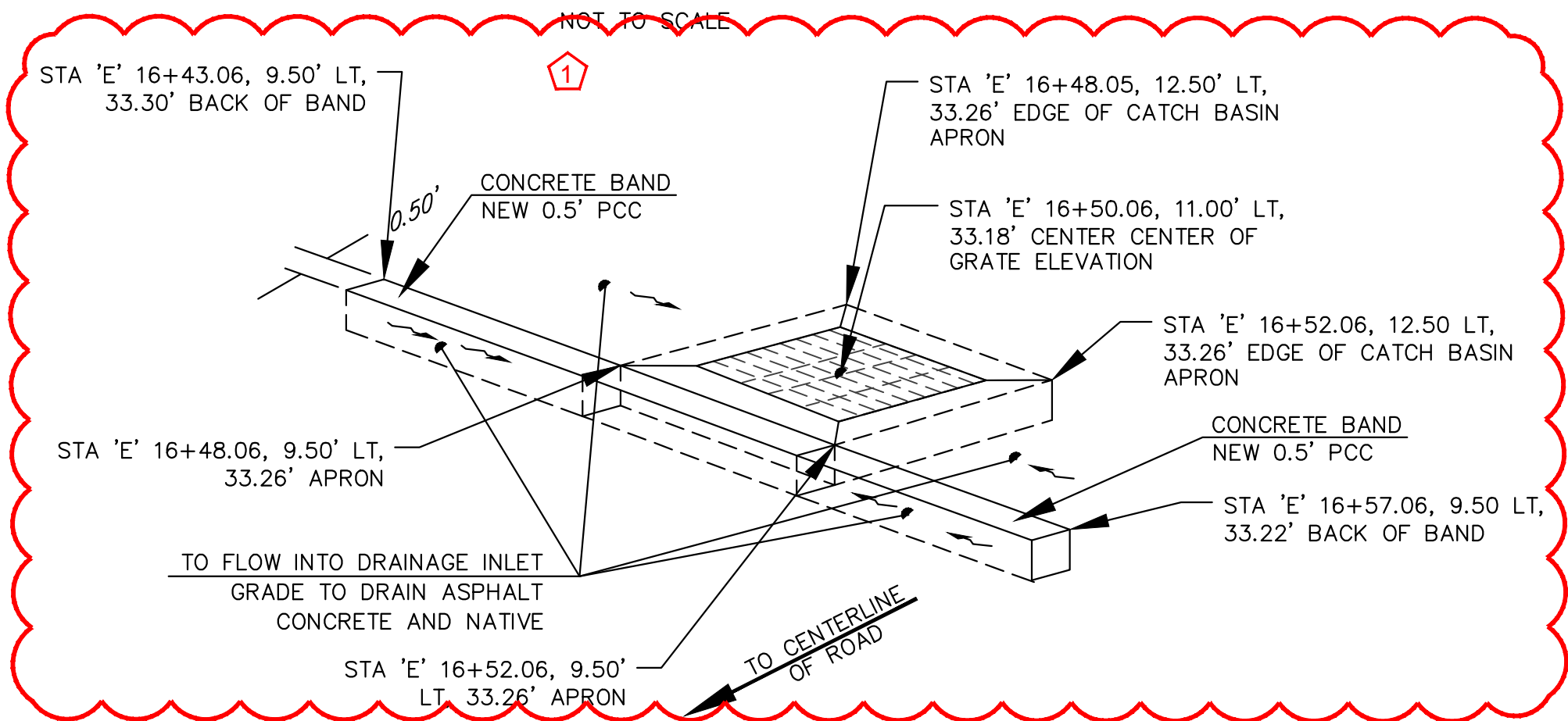
FILENAME: F:\USERS\DESIGN\10\ENCINA_AVE_RECON\10.DWG (1-5044012)



NOTES:

- 2' x 8' PRESSURE TREATED HEADER BOARD SHALL BE INSTALLED PRIOR TO PAVING, UNLESS ENGINEER APPROVES OTHERWISE.
- PLACE STEEL STAKE AT 16" O.C.
- SUB-BASE MATERIALS WITHIN 30" OF SUBGRADE SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.

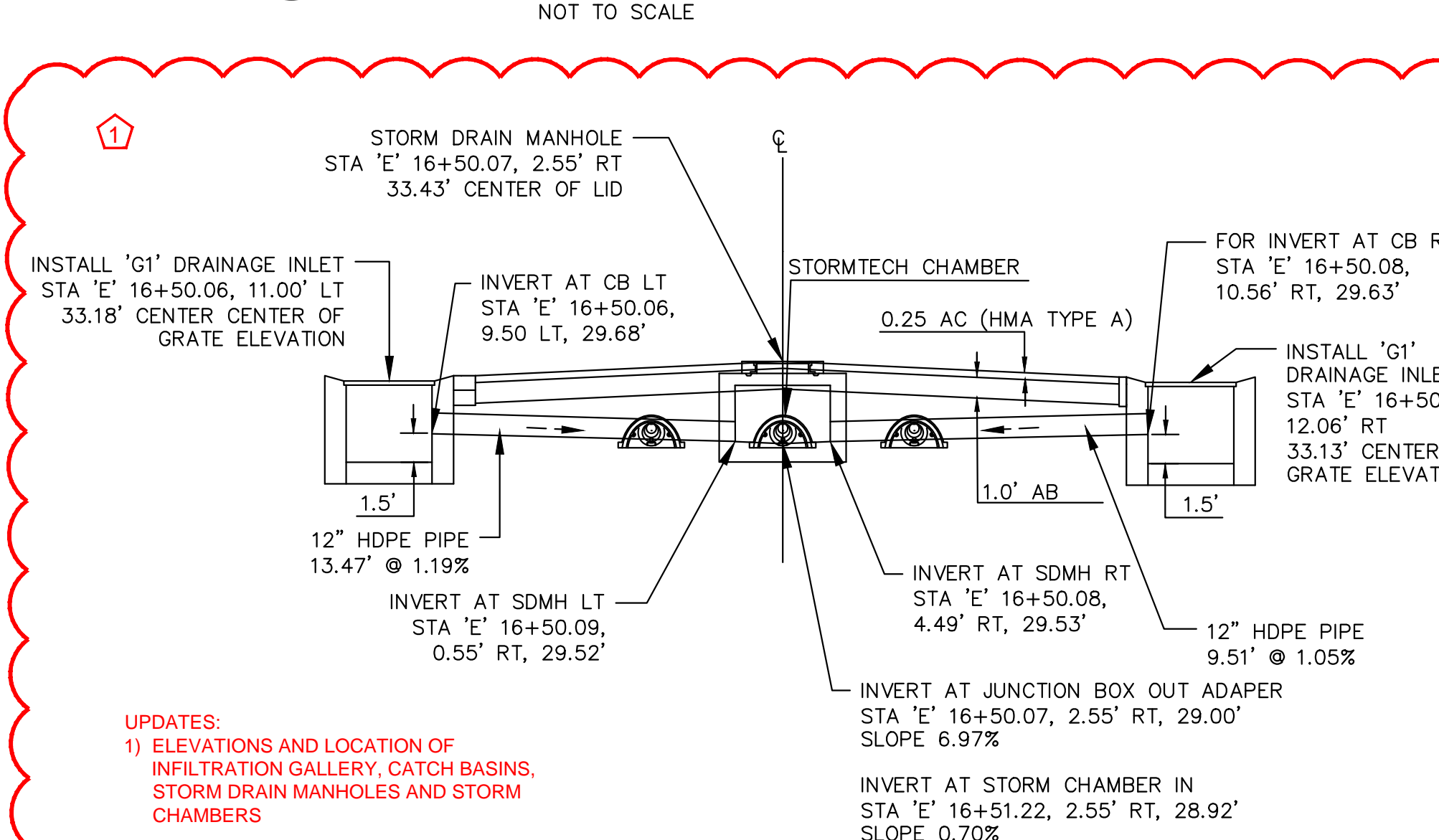
A 'G1' DRAINAGE INLET RIGHT DETAIL AT INFILTRATION GALLERY 1



NOTES:

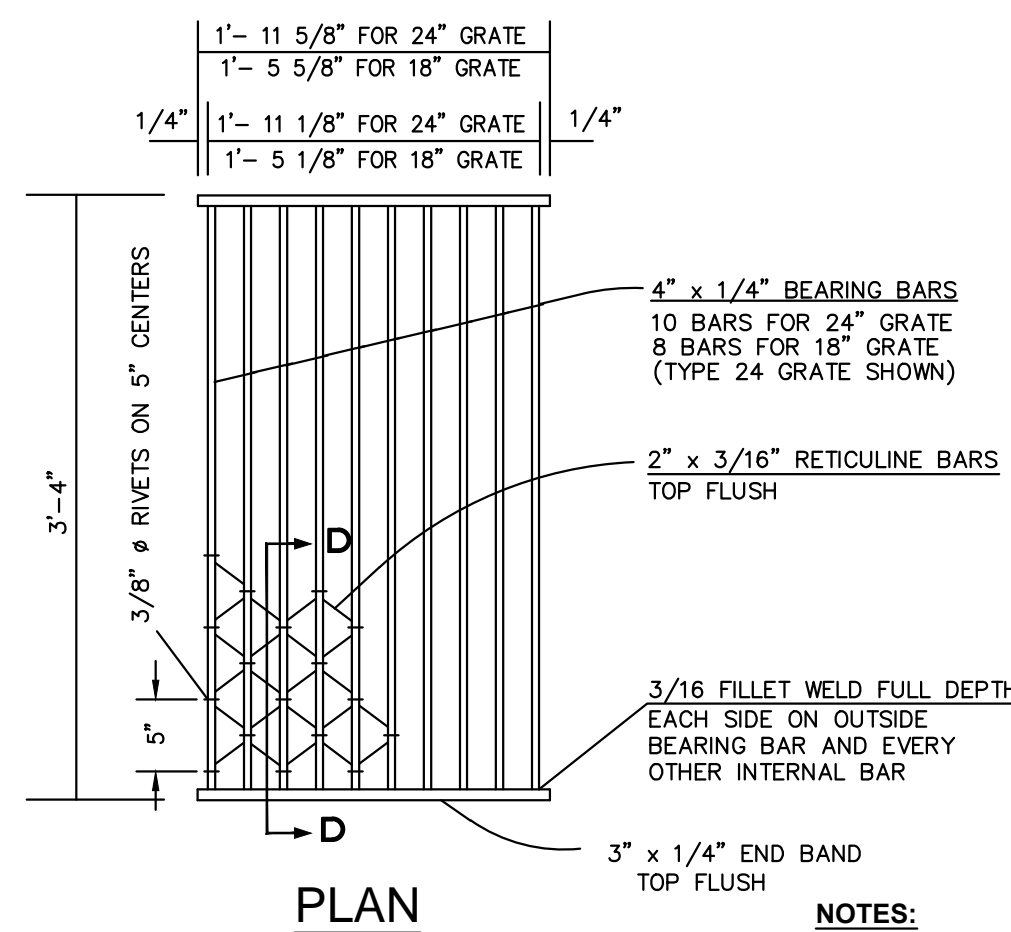
- CONCRETE BANDS SHALL BE INSTALLED PRIOR TO PAVING, UNLESS ENGINEER APPROVES OTHERWISE.
- ALL CONCRETE TO BE COLORED CLASS 3 CONCRETE AS SPECIFIED IN SECTION 51-1 OF THE SPECIFICATIONS.
- PLACE 1/2" DIAMETER x 18" LONG DOWELS, AT EXPANSION JOINTS, AS SHOWN, AND AT LOCATIONS WHERE NEW CONCRETE IS ADJACENT TO EXISTING CONCRETE.
- PLACE 1/4" THICK EXPANSION JOINTS FULL WIDTH 20' ON CENTER. PLACE 1/4" DEEP SCORE AT 10' INTERVALS BETWEEN EXPANSION JOINTS.
- PLACE 1/2" DIA. X 12" LONG REBAR, SPACED EVERY 10' VERTICALLY AND SPACED 5' FROM EXPANSION JOINTS.
- SUB-BASE MATERIALS WITHIN 30" OF SUBGRADE SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
- APRONS SHALL BE POURED MONOLITHIC WITH ADJACENT CURB AND GUTTER.

B 'G1' DRAINAGE INLET LEFT DETAIL AT INFILTRATION GALLERY 1



- UPDATES:**
1) ELEVATIONS AND LOCATION OF INFILTRATION GALLERY, CATCH BASINS, STORM DRAIN MANHOLES AND STORM CHAMBERS

C STORMTECH PROFILE INFILTRATION GALLERY 1

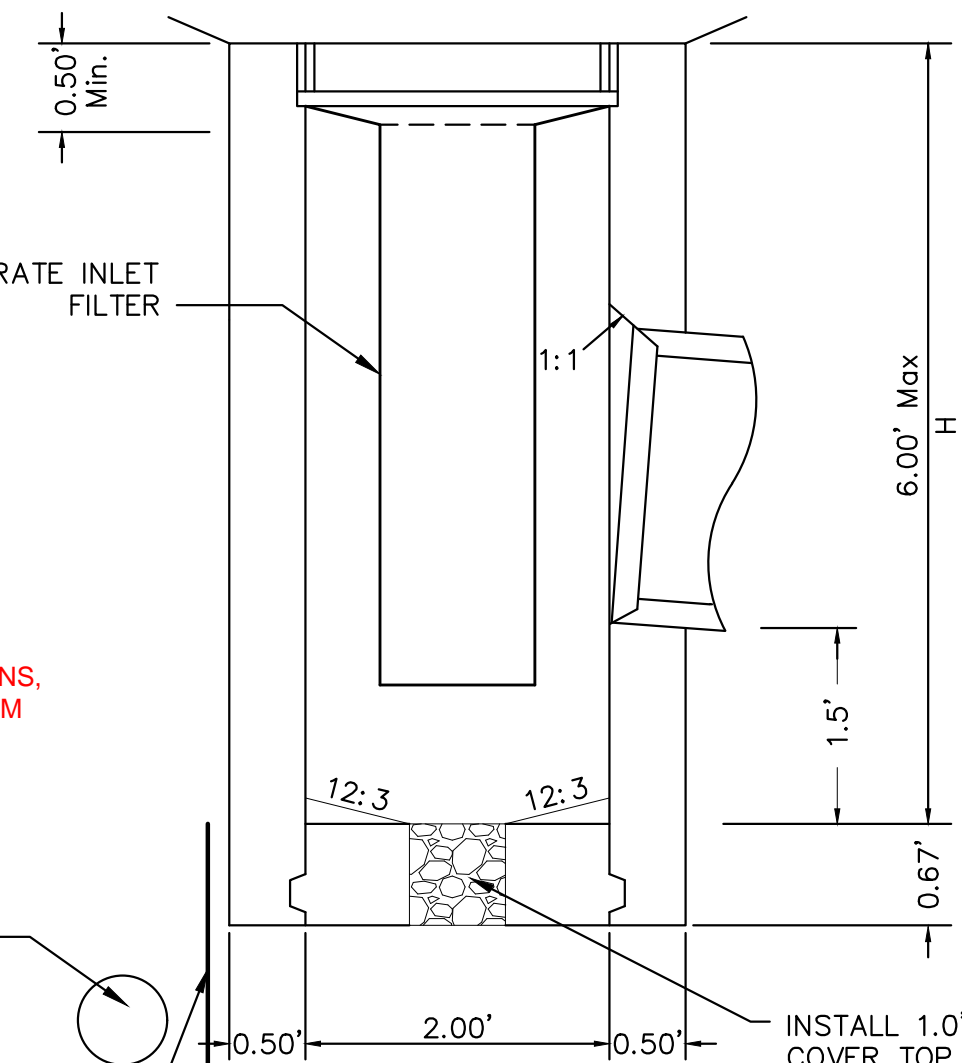


NOTES:

ALL STEEL TO BE HOT DIP GALVANIZED AFTER ALL WELDING IS COMPLETE.

INLET TYPE	GRATE TYPE	NO. GRATES	WEIGHT LBS. EA
G1	24-10S	2	229

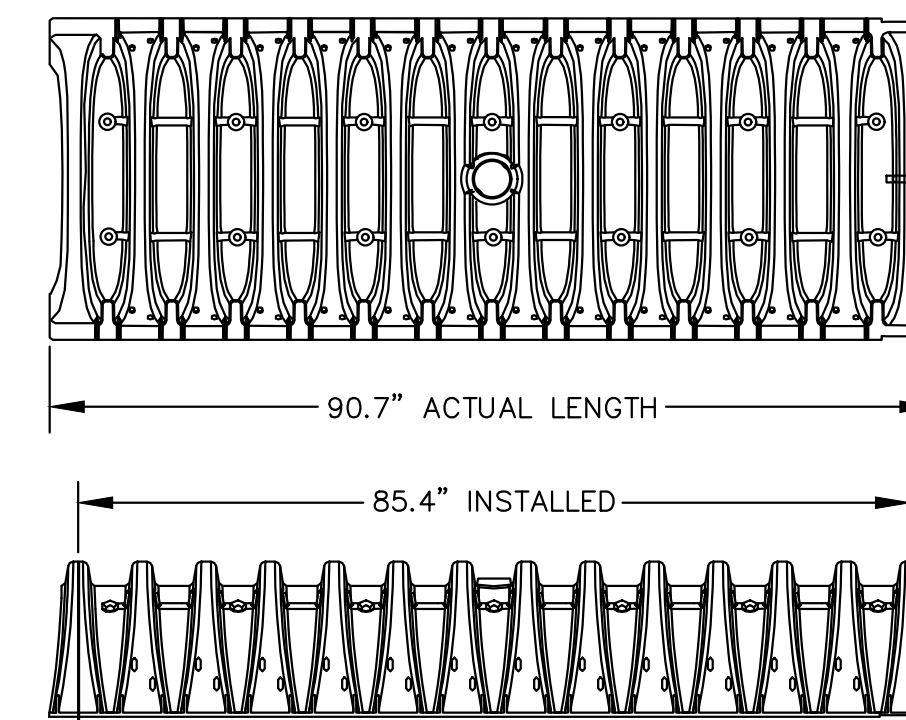
D TYPE 24-10S GRATE WELDED STEEL (RETICULINE TYPE) AT INFILTRATION GALLERY 1



NOTES:

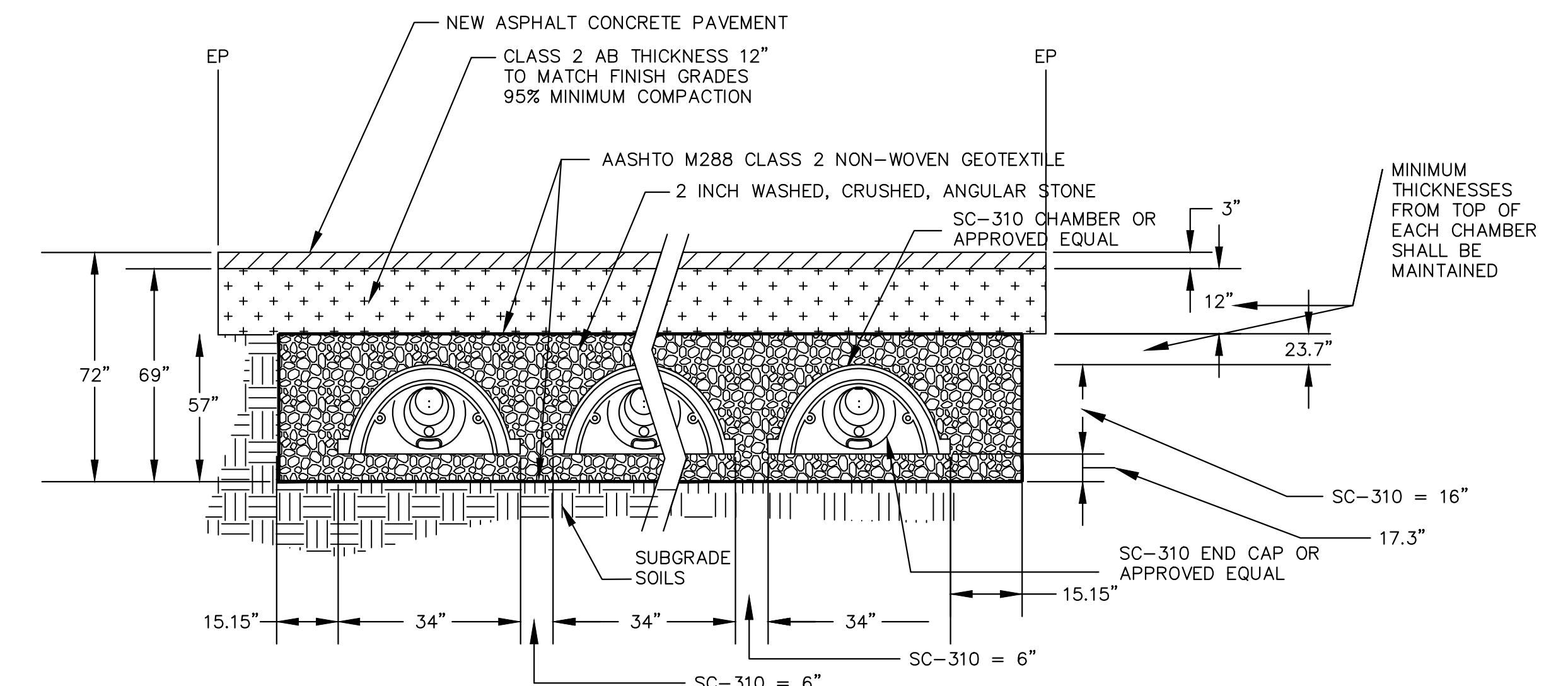
- CONCRETE IS TO BE CLASS 2 CONCRETE.
- "H" IS THE DIFFERENCE IN ELEVATION BETWEEN THE OUTLET PIPE FLOW LINE AND THE NORMAL GUTTER GRADE LINE UNDEPRESSED.
- WALL REINFORCING NOT REQUIRED WHEN "H" IS 8' OR LESS AND THE UNSUPPORTED WIDTH OR LENGTH IS 7' OR LESS. WALLS EXCEEDING THESE LIMITS SHALL BE REINFORCED WITH "4 BARS @ 18"± CENTERS PLACED 1 1/2" CLEAR TO INSIDE OF BOX UNLESS OTHERWISE SHOWN.
- INLET BOTTOM REINFORCING NOT REQUIRED. SEE STANDARD PLAN D74C FOR ALTERNATIVE REINFORCED BOTTOM AND ALTERNATIVE HALF ROUND BOTTOM.

E TYPE 'G1' DRAINAGE INLET AT INFILTRATION GALLERY 1



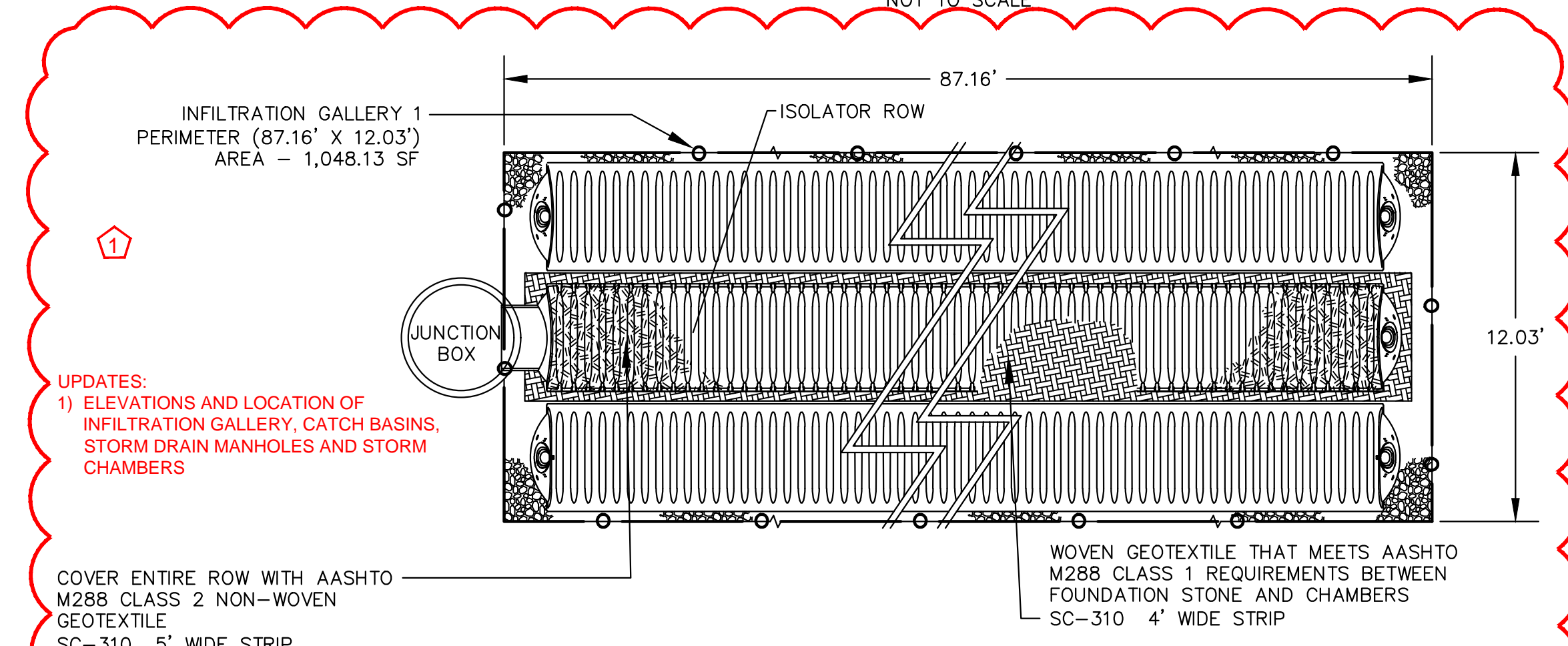
F SUBSURFACE STORMWATER DETENTION CHAMBER AT INFILTRATION GALLERY 1

NOT TO SCALE



G INSTALL SUBSURFACE STORMWATER DETENTION SYSTEM TYPICAL CROSS SECTION DETAIL AT INFILTRATION GALLERY 1 (IG1)

NOT TO SCALE



H SUBSURFACE STORMWATER DETENTION SYSTEM PLAN VIEW DETAIL AT INFILTRATION GALLERY 1

NOT TO SCALE

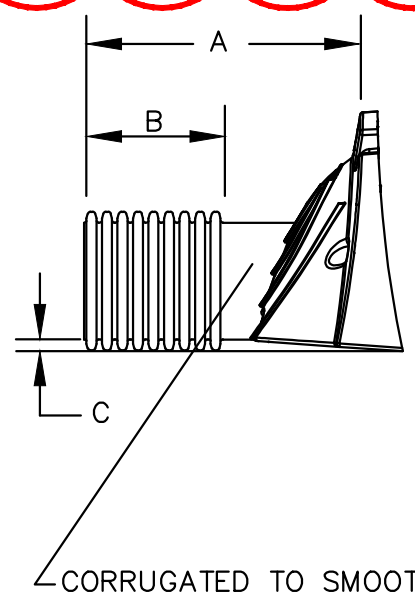
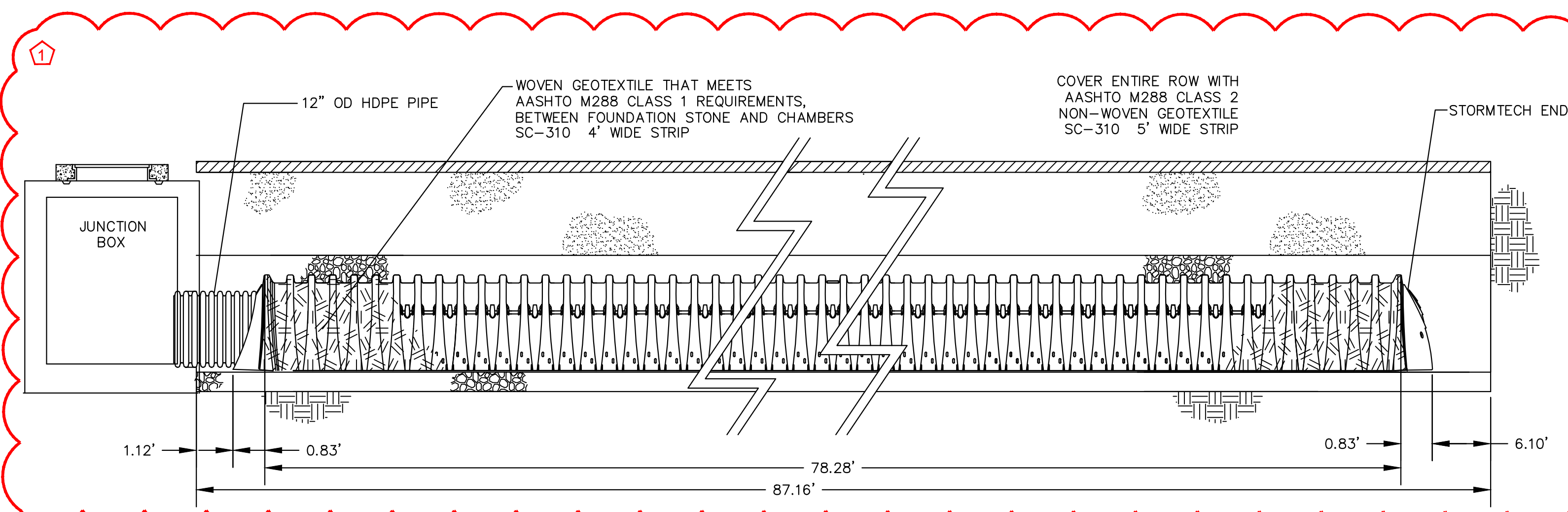
	05-17-2022 ADDENDUM 1	DESIGNED BY: JS CHECKED BY: WN DRAWN BY: JS	RECONSTRUCTION OF ENCINA AVENUE FROM MIDDLEFIELD ROAD TO END INFILTRATION GALLERY 1	SCALE: NONE DATE: 04-15-2022 FILE NO.: 1/5044
	REVISION: _____ DATE: _____	ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO	555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063	16 REV SHEET 16 OF 25

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

FILENAME: F:\USERS\DESIGN\C\3D\ES044\000_ENCINA_AVE_RECON\10_DWG\10-ES044014-25.DWG (1-5044016)



APPROVED: *Ann Mader Stillman*
 DATE: April 15, 2022
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023

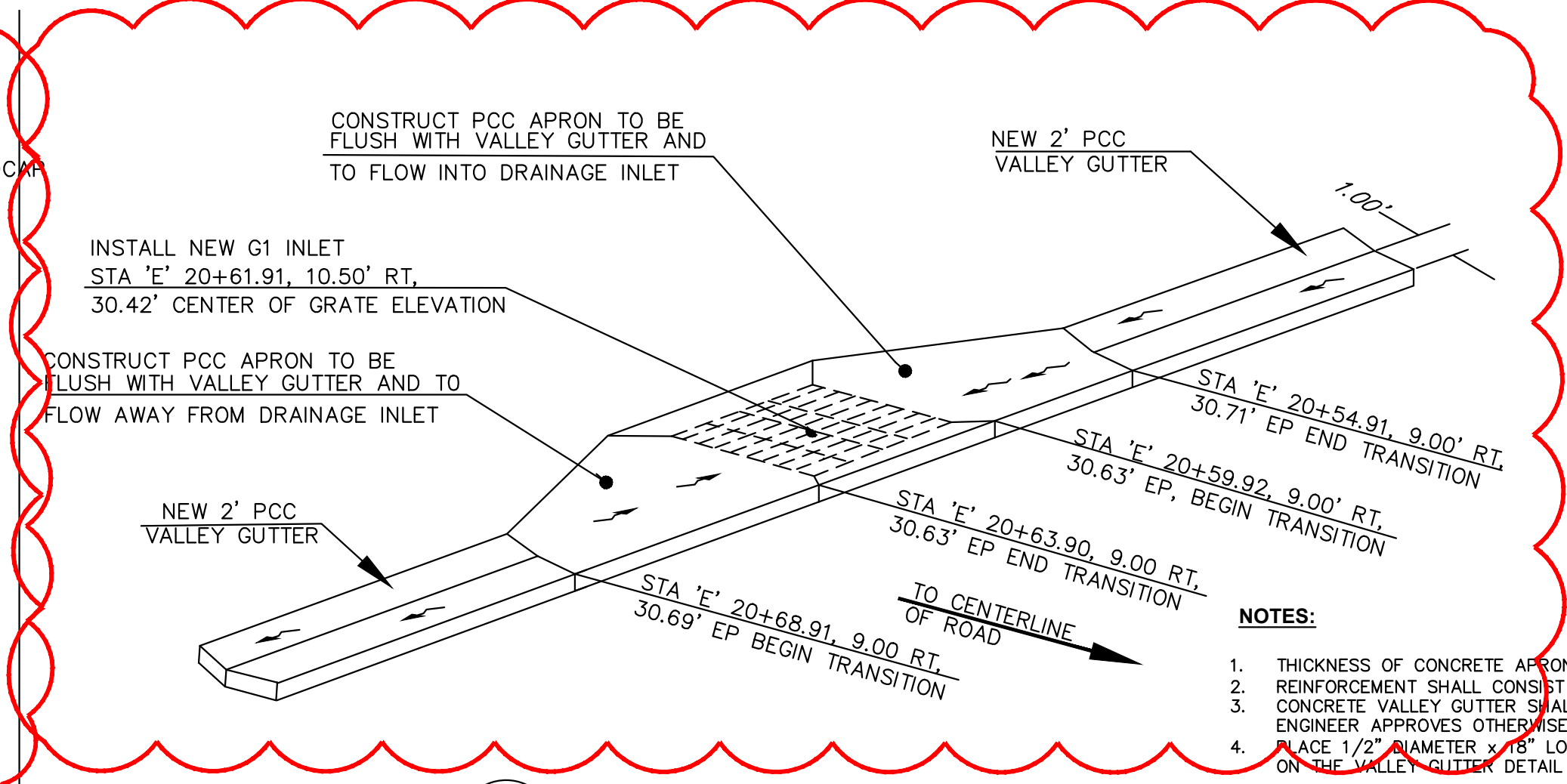


PART #	CHAMBER	PIPE SIZE	A	B	C
SC310EPE12B	SC 310	12 in	13.5 in	7.70 in	0.90 in

* FOR THE SC310EPE12B OR APPROVED EQUAL THE 12" STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 0.25". BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SETS LEVEL.

A SUBSURFACE STORMWATER DETENTION SYSTEM ISOLATOR ROW
17 PROFILE VIEW DETAIL
 AT INFILTRATION GALLERY 1
 NOT TO SCALE

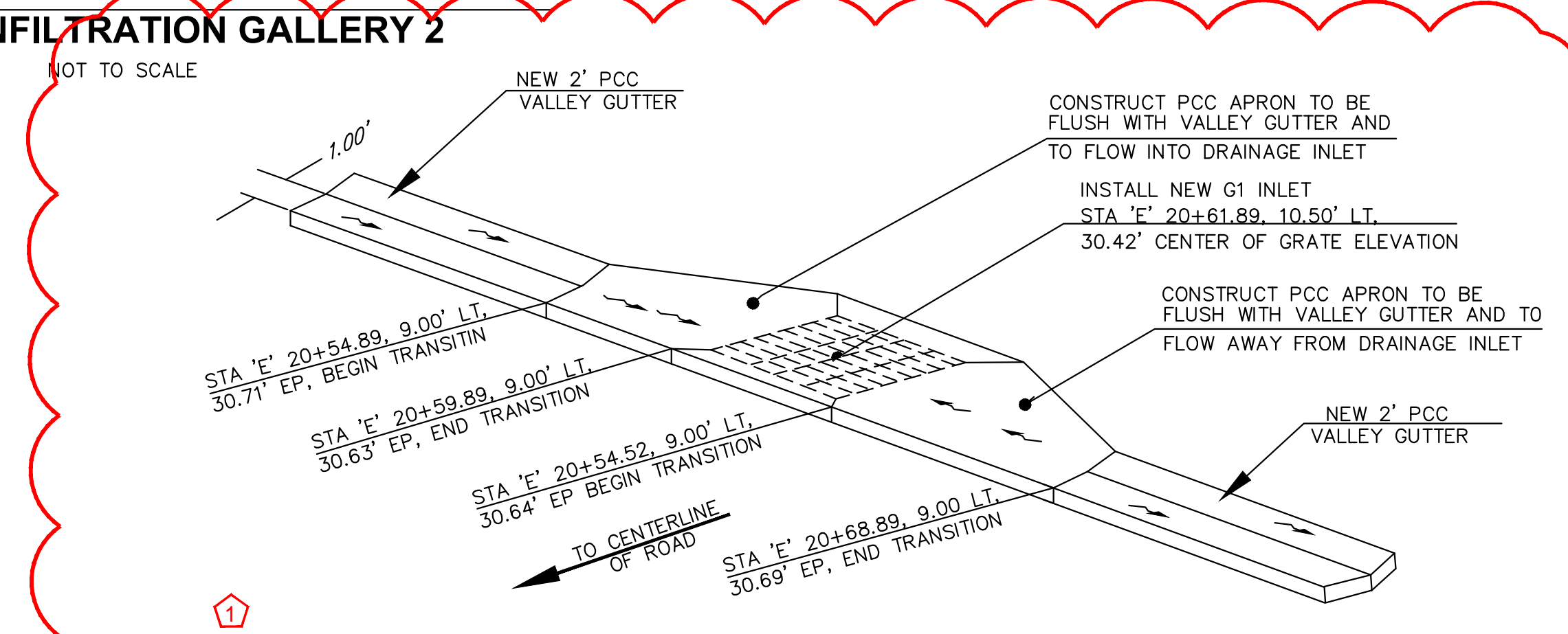
UPDATES:
 1) LENGTH, ELEVATIONS AND LOCATION OF INFILTRATION GALLERY, CATCH BASINS, STORM DRAIN MANHOLES AND STORM CHAMBERS



C DRAINAGE APRON RIGHT DETAIL
17 AT INFILTRATION GALLERY 2
 NOT TO SCALE

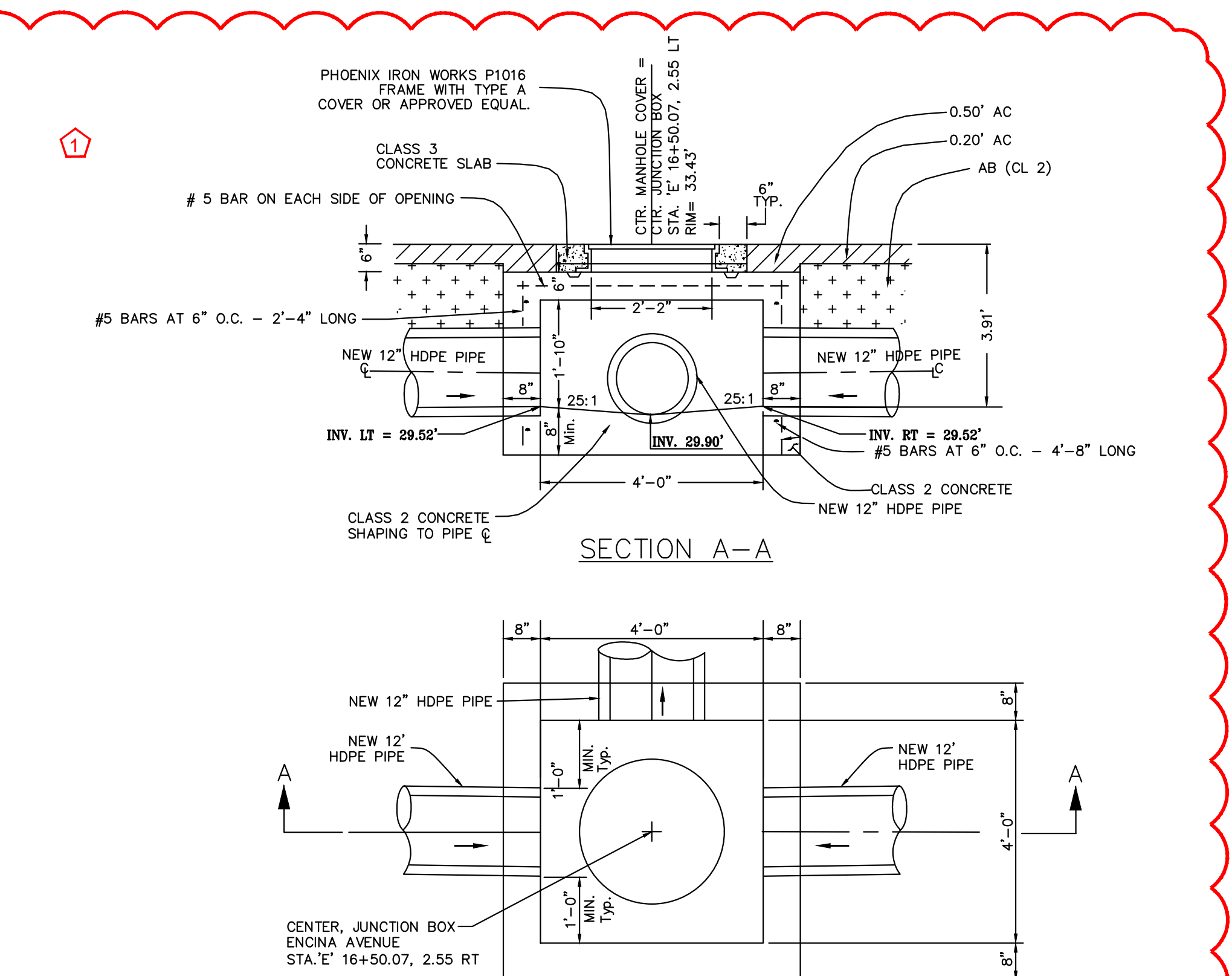
UPDATES:
 1) LENGTH, ELEVATIONS AND LOCATION OF INFILTRATION GALLERY, CATCH BASINS, STORM DRAIN MANHOLES AND STORM CHAMBERS

- NOTES:
- THICKNESS OF CONCRETE APRON SHALL BE 0.50'.
 - REINFORCEMENT SHALL CONSIST OF 6" x 6" - #10/#10 WELDED WIRE FABRIC.
 - CONCRETE VALLEY GUTTER SHALL BE INSTALLED PRIOR TO PAVING, UNLESS ENGINEER APPROVES OTHERWISE.
 - PLACE 1/2" DIAMETER x 78" LONG DOWELS, AT EXPANSION JOINTS, AS SHOWN ON THE VALLEY GUTTER DETAIL ON SHEET 14.



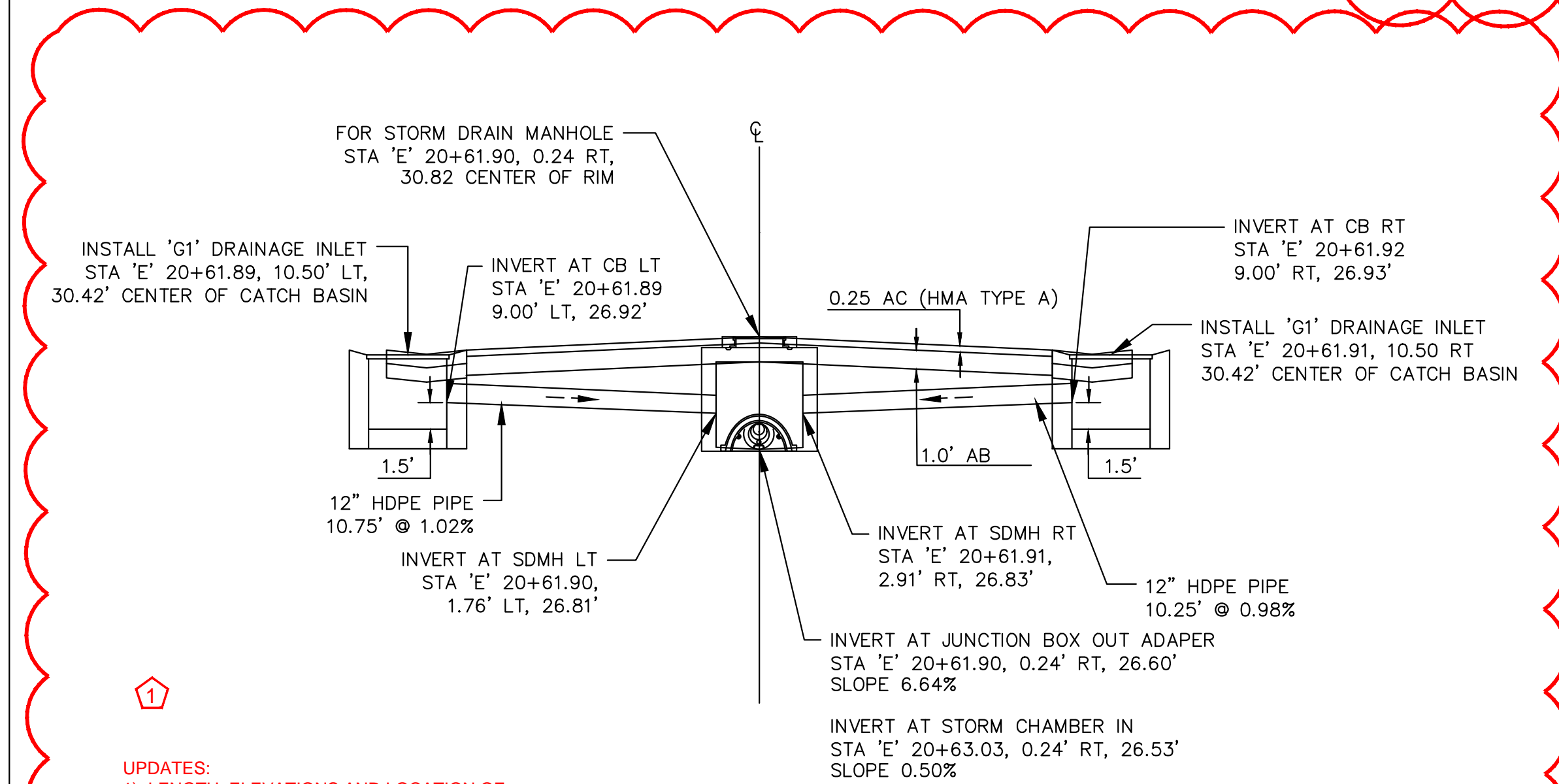
D DRAINAGE APRON LEFT DETAIL
17 AT INFILTRATION GALLERY 2
 NOT TO SCALE

UPDATES:
 1) LENGTH, ELEVATIONS AND LOCATION OF INFILTRATION GALLERY, CATCH BASINS, STORM DRAIN MANHOLES AND STORM CHAMBERS



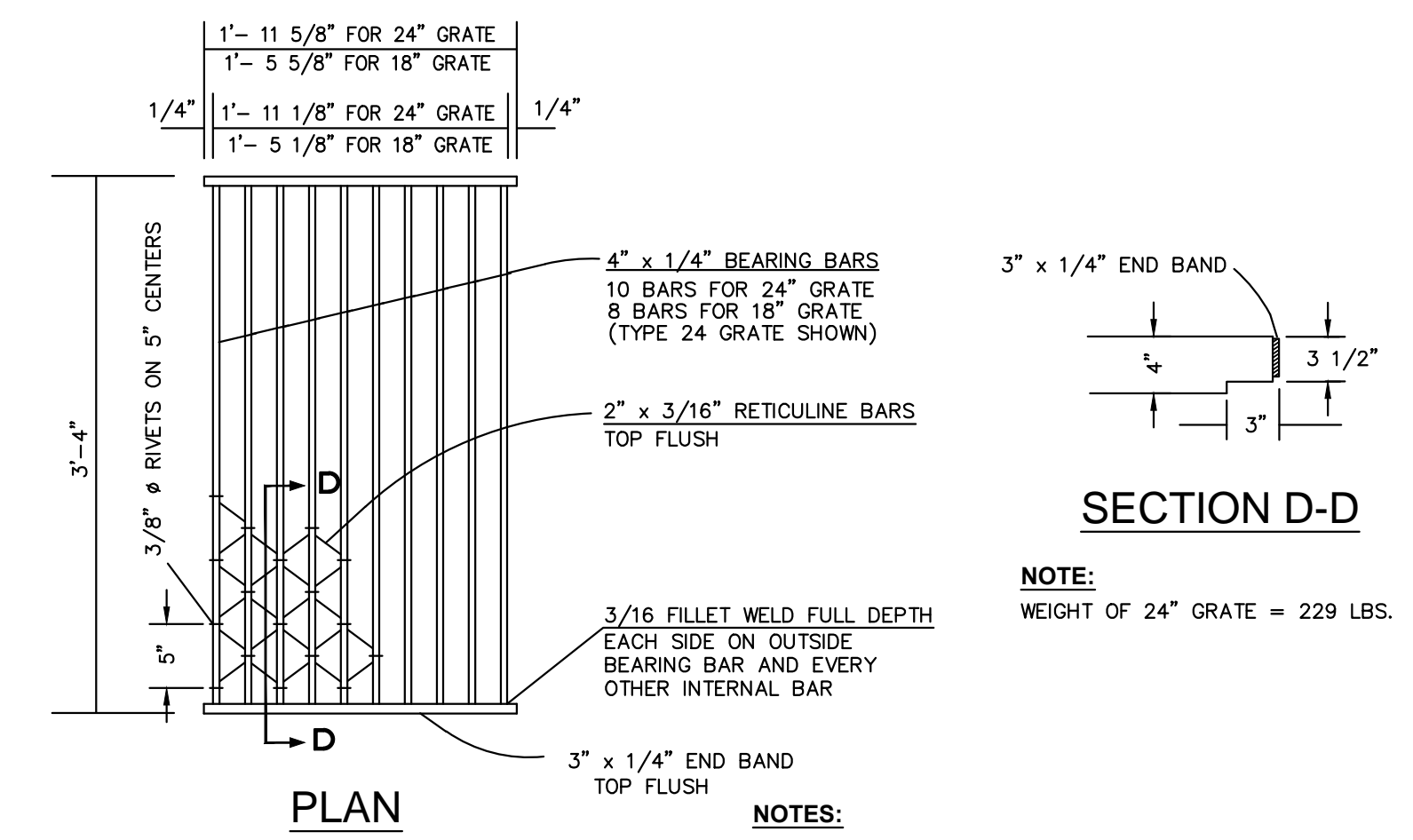
B JUNCTION BOX
17 INFILTRATION GALLERY 1
 STA 'E' 16+47.00, 2.55 RT
 NOT TO SCALE

UPDATES:
 1) LENGTH, ELEVATIONS AND LOCATION OF INFILTRATION GALLERY, CATCH BASINS, STORM DRAIN MANHOLES AND STORM CHAMBERS



E STORMTECH PROFILE AT
16 INFILTRATION GALLERY 2
 NOT TO SCALE

UPDATES:
 1) LENGTH, ELEVATIONS AND LOCATION OF INFILTRATION GALLERY, CATCH BASINS, STORM DRAIN MANHOLES AND STORM CHAMBERS



INLET TYPE	GRATE TYPE	NO. GRATES	WEIGHT LBS. EA
G1	24-10S	2	229

F TYPE 24-10S GRATE
17 WELDED STEEL (RETICULINE TYPE)
 AT INFILTRATION GALLERY 2

NOTE:
 WEIGHT OF 24" GRATE = 229 LBS.
 NOTES:
 ALL STEEL TO BE HOT DIP GALVANIZED AFTER ALL WELDING IS COMPLETE.



05-17-2022, ADDENDUM 1

DESIGNED BY: JS
 CHECKED BY: WN
 DRAWN BY: JS

RECONSTRUCTION OF ENCINA AVENUE FROM MIDDLEFIELD ROAD TO END INFILTRATION GALLERY 1 & 2

SCALE: NONE
 DATE: 04-15-2022
 FILE NO.: 1/5044

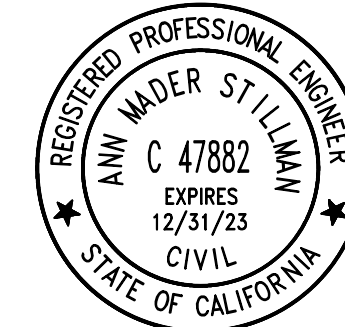
ANN MADER STILLMAN, DIRECTOR OF PUBLIC WORKS
 COUNTY SAN MATEO

555 COUNTY CENTER, 5th FLOOR
 REDWOOD CITY, CALIFORNIA 94063

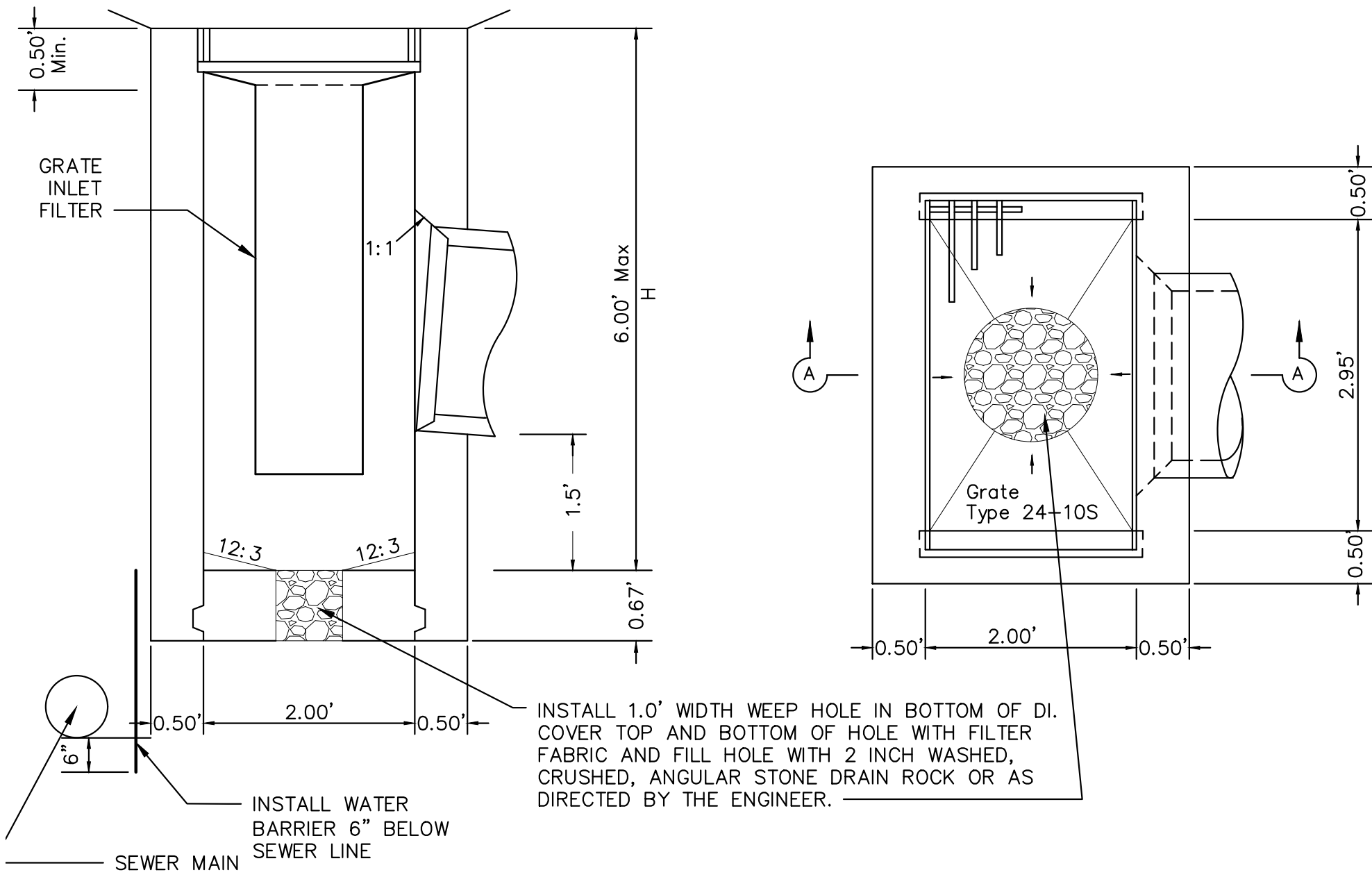
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

17 REV
 SHEET 17 OF 25

FILENAME: F:\USERS\DESIGN\C3D\ES044000_ENCINA_AVE_RECON\10_DWG\10_ENCINA_AVE_RECON-ES044000-25.DWG (1-5044017)



APPROVED:
 DATE: April 15, 2022
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023



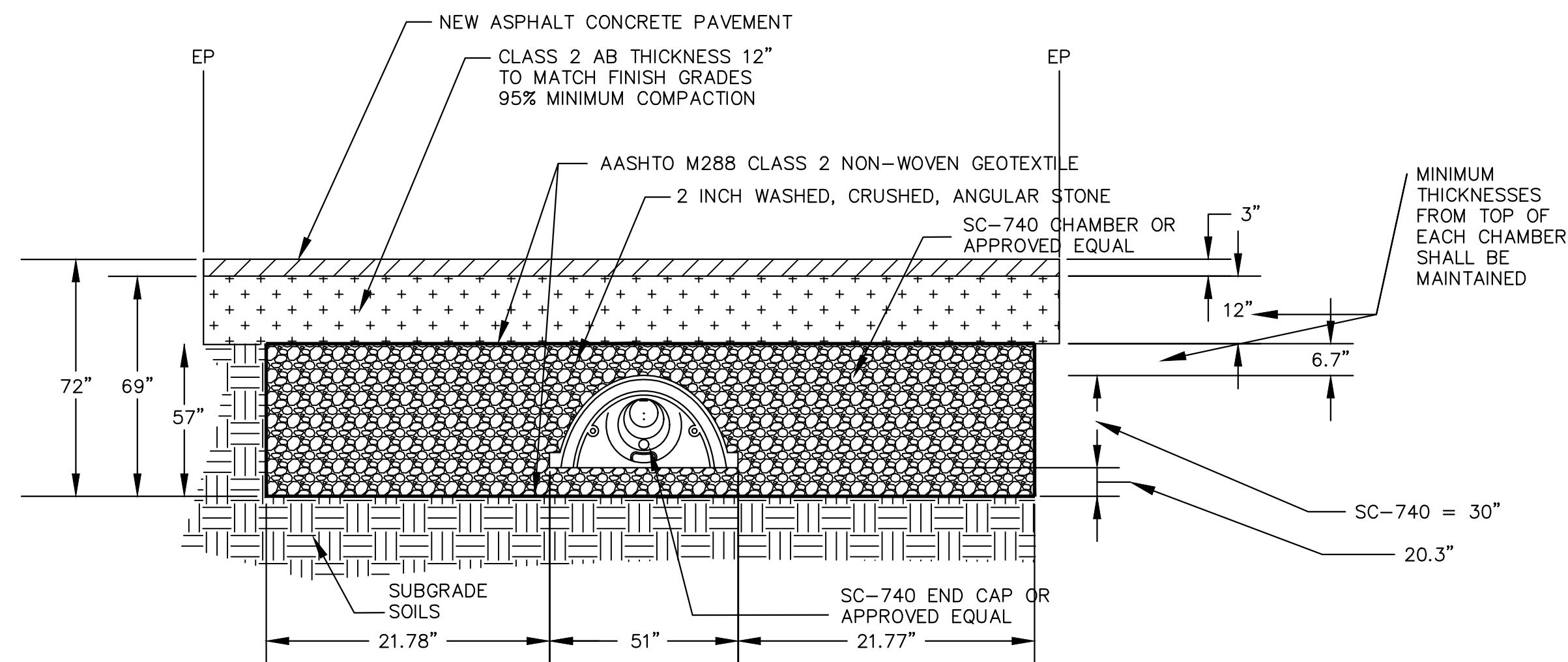
SECTION A-A

NOTES:

1. CONCRETE IS TO BE CLASS 2 CONCRETE.
2. "H" IS THE DIFFERENCE IN ELEVATION BETWEEN THE OUTLET PIPE FLOW LINE AND THE NORMAL GUTTER GRADE LINE UNDEPRESSED.
3. WALL REINFORCING NOT REQUIRED WHEN "H" IS 8" OR LESS AND THE UNSUPPORTED WIDTH OR LENGTH IS 7" OR LESS. WALLS EXCEEDING THESE LIMITS SHALL BE REINFORCED WITH #4 BARS @ 18"± CENTERS PLACED 1 1/2" CLEAR TO INSIDE OF BOX UNLESS OTHERWISE SHOWN.
4. INLET BOTTOM REINFORCING NOT REQUIRED. SEE STANDARD PLAN D74C FOR ALTERNATIVE REINFORCED BOTTOM AND ALTERNATIVE HALF ROUND BOTTOM.

A TYPE 'G1' DRAINAGE INLET AT INFILTRATION GALLERY 2

NOT TO SCALE



C INSTALL SUBSURFACE STORMWATER DETENTION SYSTEM TYPICAL CROSS SECTION DETAIL AT INFILTRATION GALLERY 2 (IC2)

NOT TO SCALE

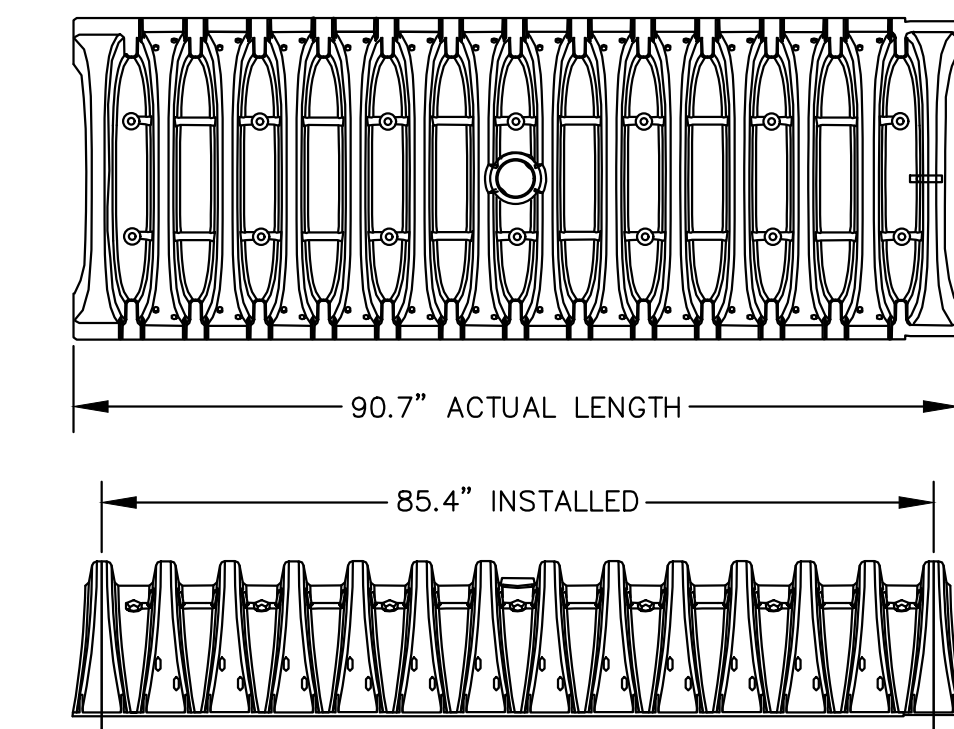


D SUBSURFACE STORMWATER DETENTION SYSTEM PLAN VIEW DETAIL AT INFILTRATION GALLERY 2

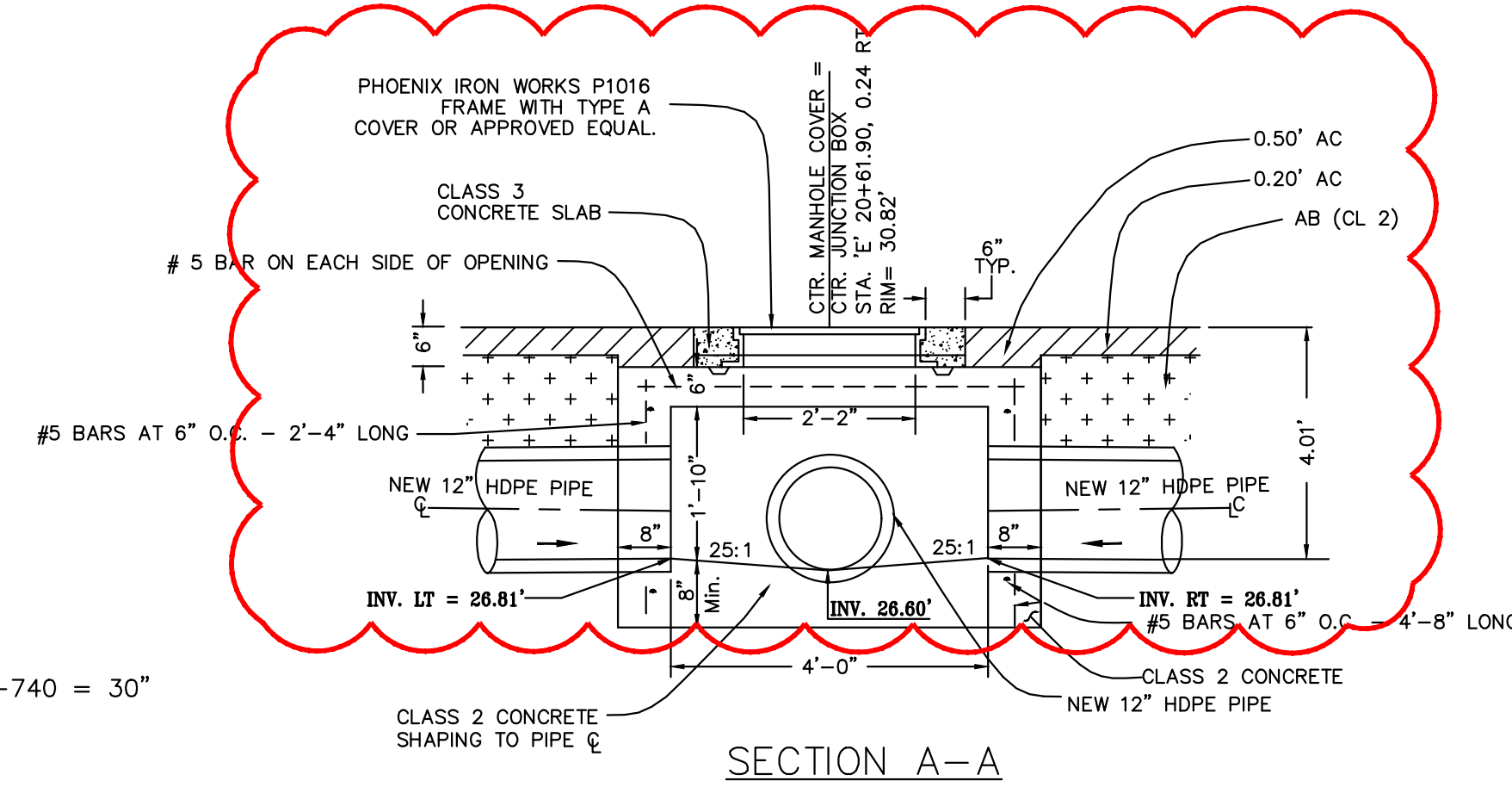
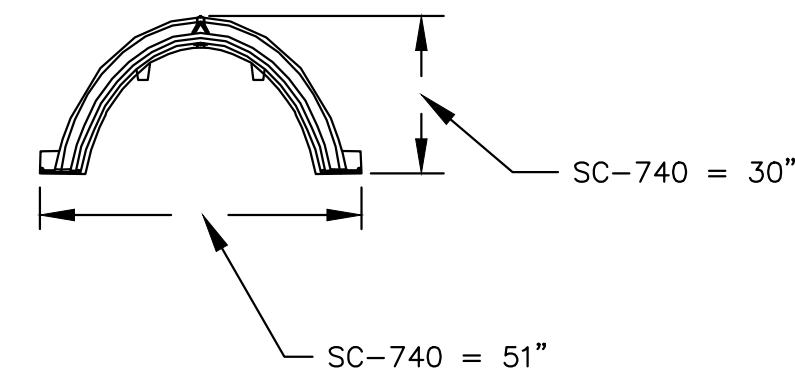
NOT TO SCALE

B SUBSURFACE STORMWATER DETENTION CHAMBER AT INFILTRATION GALLERY 2

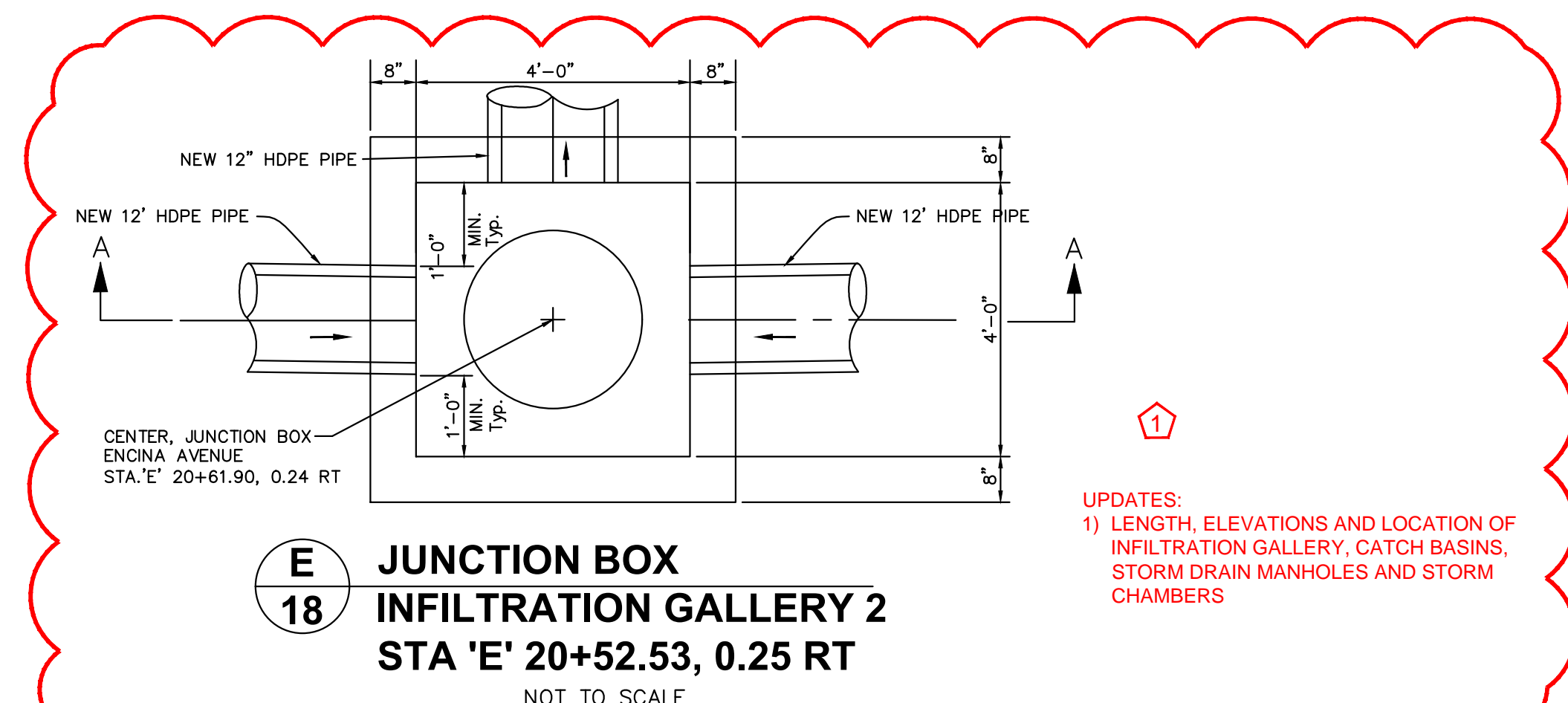
NOT TO SCALE



STORMTECH SC-160 LP OR APPROVED EQUAL



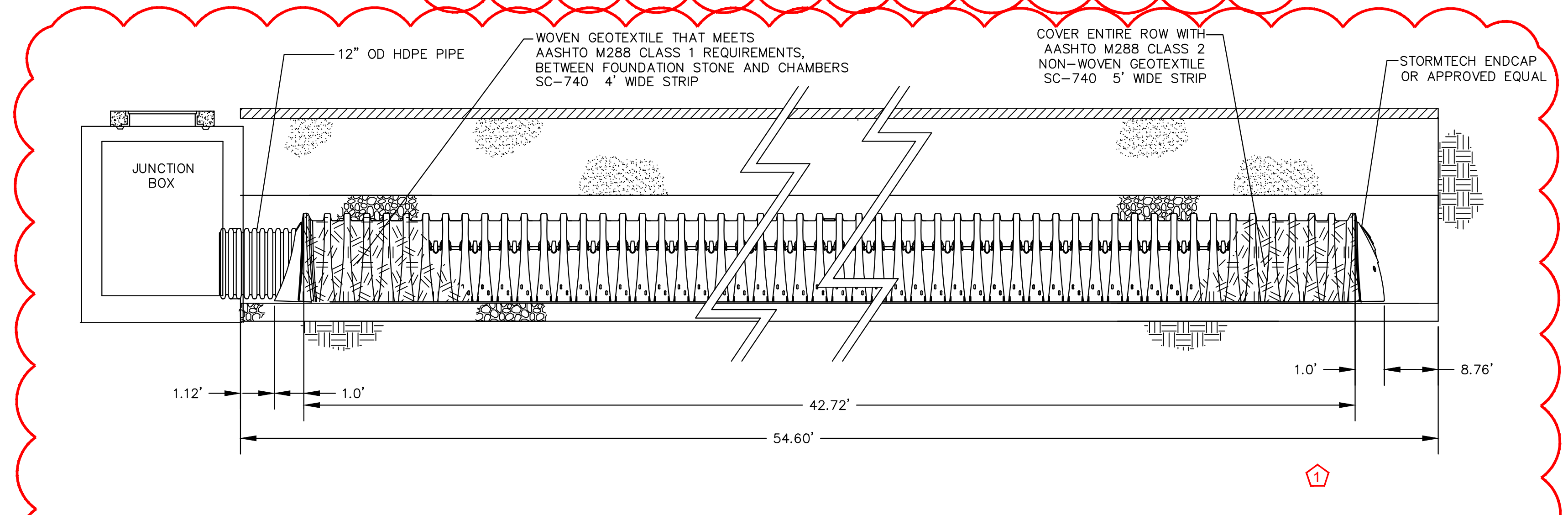
SECTION A-A



E JUNCTION BOX INFILTRATION GALLERY 2 STA 'E' 20+52.53, 0.25 RT

NOT TO SCALE

UPDATES:
 1) LENGTH, ELEVATIONS AND LOCATION OF INFILTRATION GALLERY, CATCH BASINS, STORM DRAIN MANHOLES AND STORM CHAMBERS

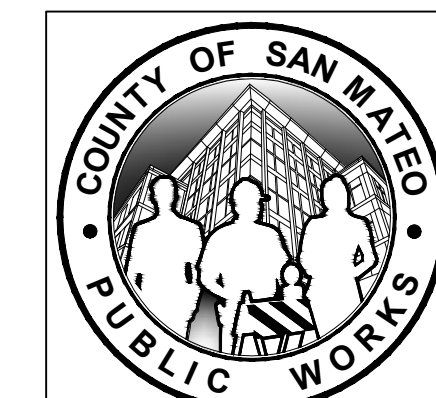


PART #	CHAMBER	PIPE SIZE	A	B	C
SC310EPH12B	SC 740	12 in	13.5 in	7.70 in	0.90 in

FOR THE SC310EPH12B OR APPROVED EQUAL THE 12" STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 0.25'. BASKET MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SETS LEVEL.

F SUBSURFACE STORMWATER DETENTION SYSTEM ISOLATOR ROW PROFILE VIEW DETAIL AT INFILTRATION GALLERY 2

NOT TO SCALE



05-17-2022, ADDENDUM 1 DESIGNED BY: JS CHECKED BY: WN DRAWN BY: JS		RECONSTRUCTION OF ENCINA AVENUE FROM MIDDLEFIELD ROAD TO END INFILTRATION GALLERY 2		SCALE: NONE DATE: 04-15-2022 FILE NO.: 1/5044
REVISION DATE	ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO	555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063		18 REV SHEET 18 OF 25



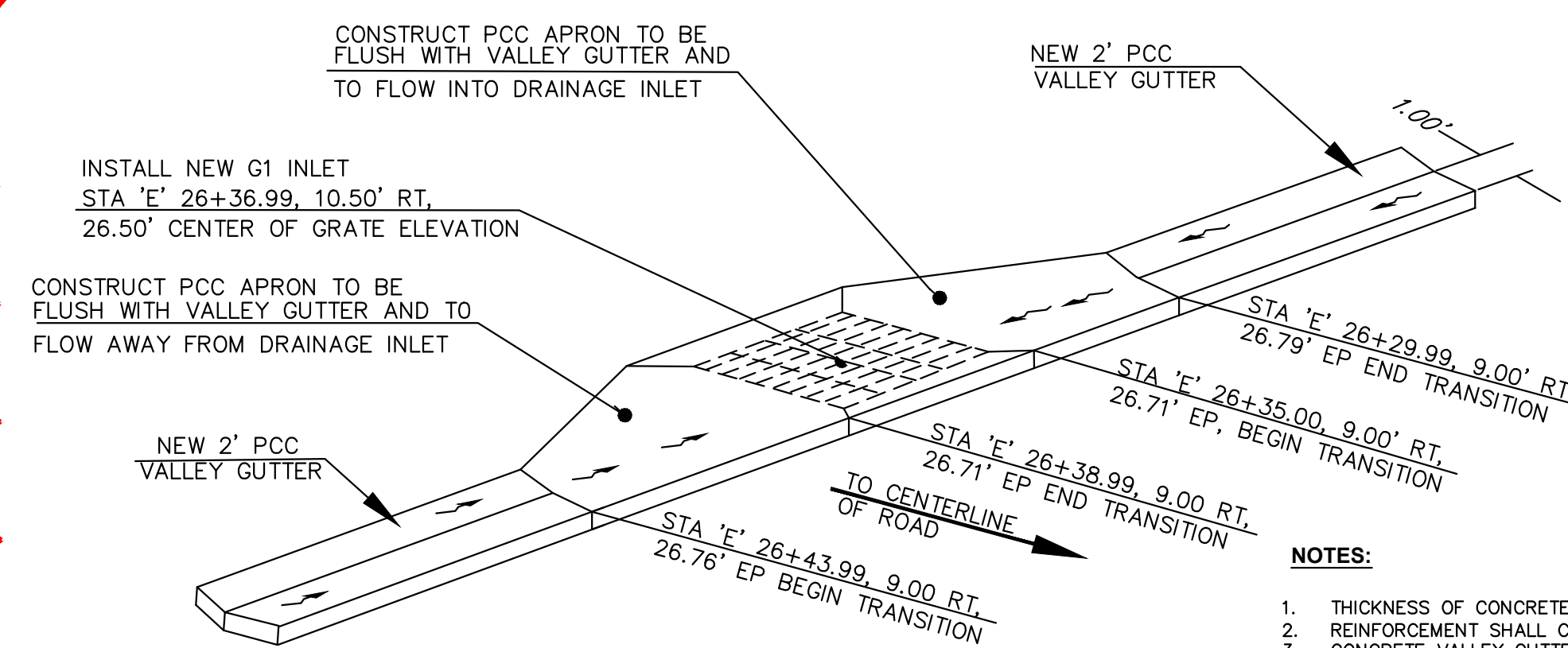
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APPROVED:

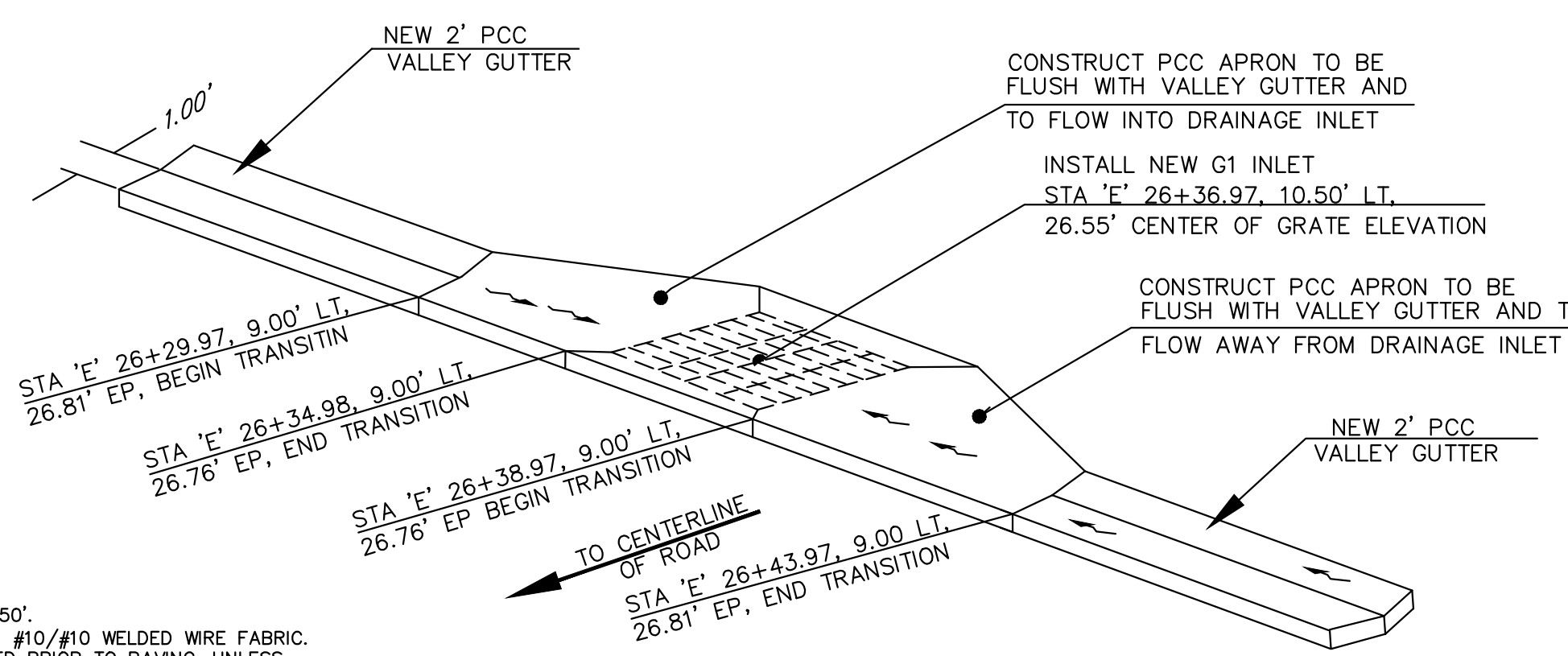
DATE: April 15, 2022

ANN MADER STILLMAN,
INTERIM DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882 / EXPIRES 12-31-2023



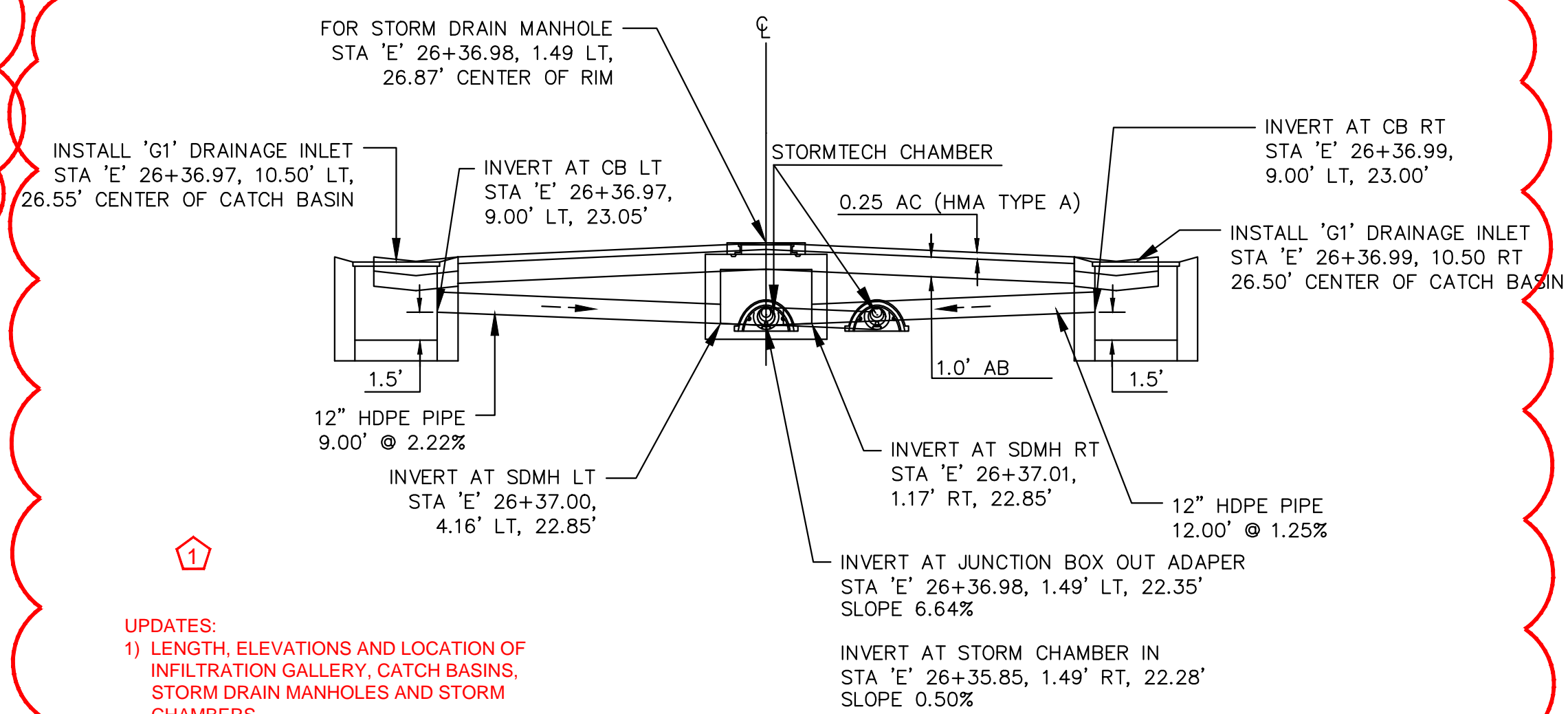
A DRAINAGE APRON RIGHT DETAIL
19 AT INFILTRATION GALLERY 3
NOT TO SCALE

- NOTES:**
- THICKNESS OF CONCRETE APRON SHALL BE 0.50'.
 - REINFORCEMENT SHALL CONSIST OF 6" x 6" - #10/#10 WELDED WIRE FABRIC.
 - CONCRETE VALLEY GUTTER SHALL BE INSTALLED PRIOR TO PAVING, UNLESS ENGINEER APPROVES OTHERWISE.
 - PLACE 1/2" DIAMETER x 18" LONG DOWELS, AT EXPANSION JOINTS, AS SHOWN ON THE VALLEY GUTTER DETAIL ON SHEET 14.



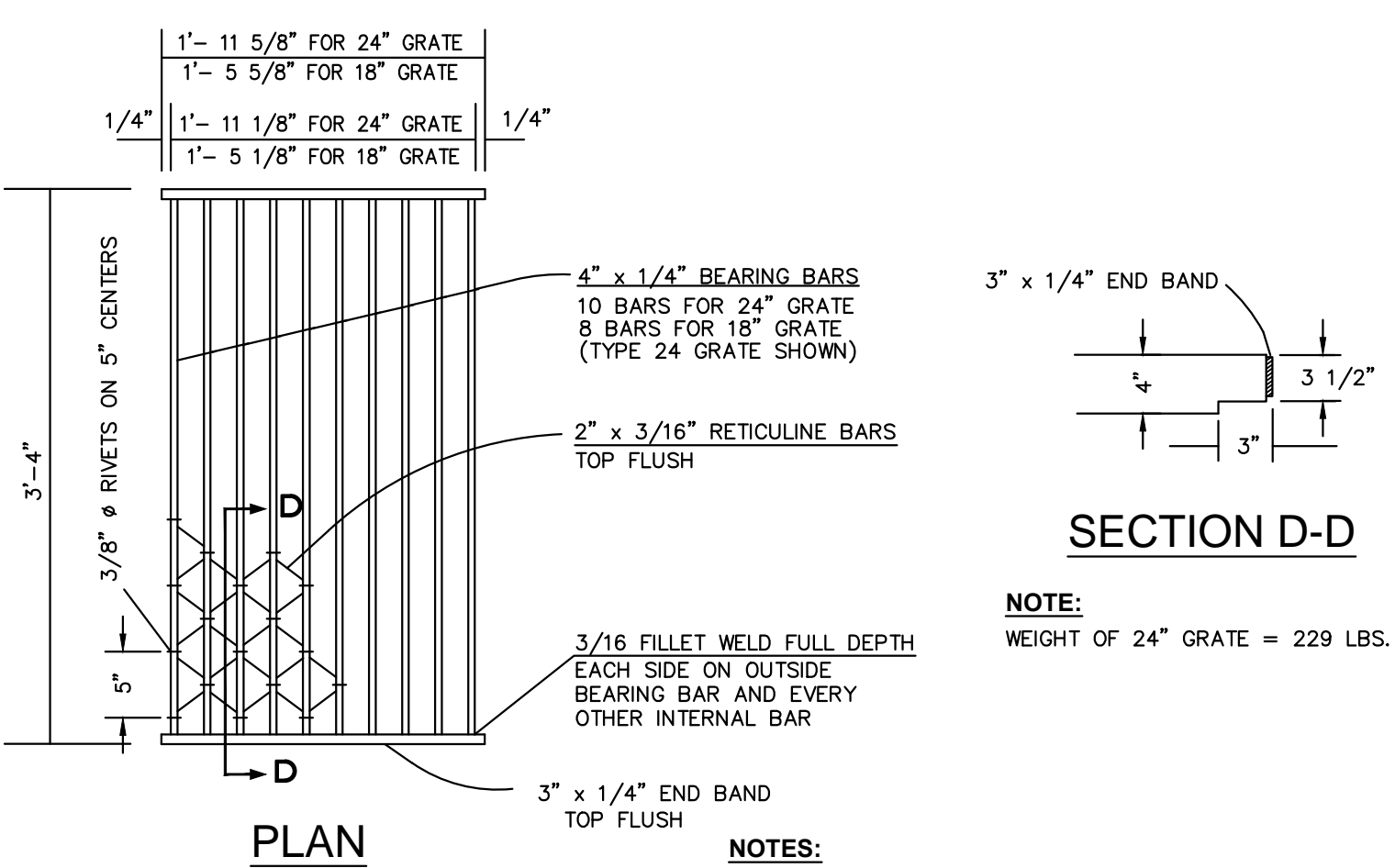
B DRAINAGE APRON LEFT DETAIL
19 AT INFILTRATION GALLERY 3
NOT TO SCALE

- UPDATES:**
- LENGTH, ELEVATIONS AND LOCATION OF INFILTRATION GALLERY, CATCH BASINS, STORM DRAIN MANHOLES AND STORM CHAMBERS



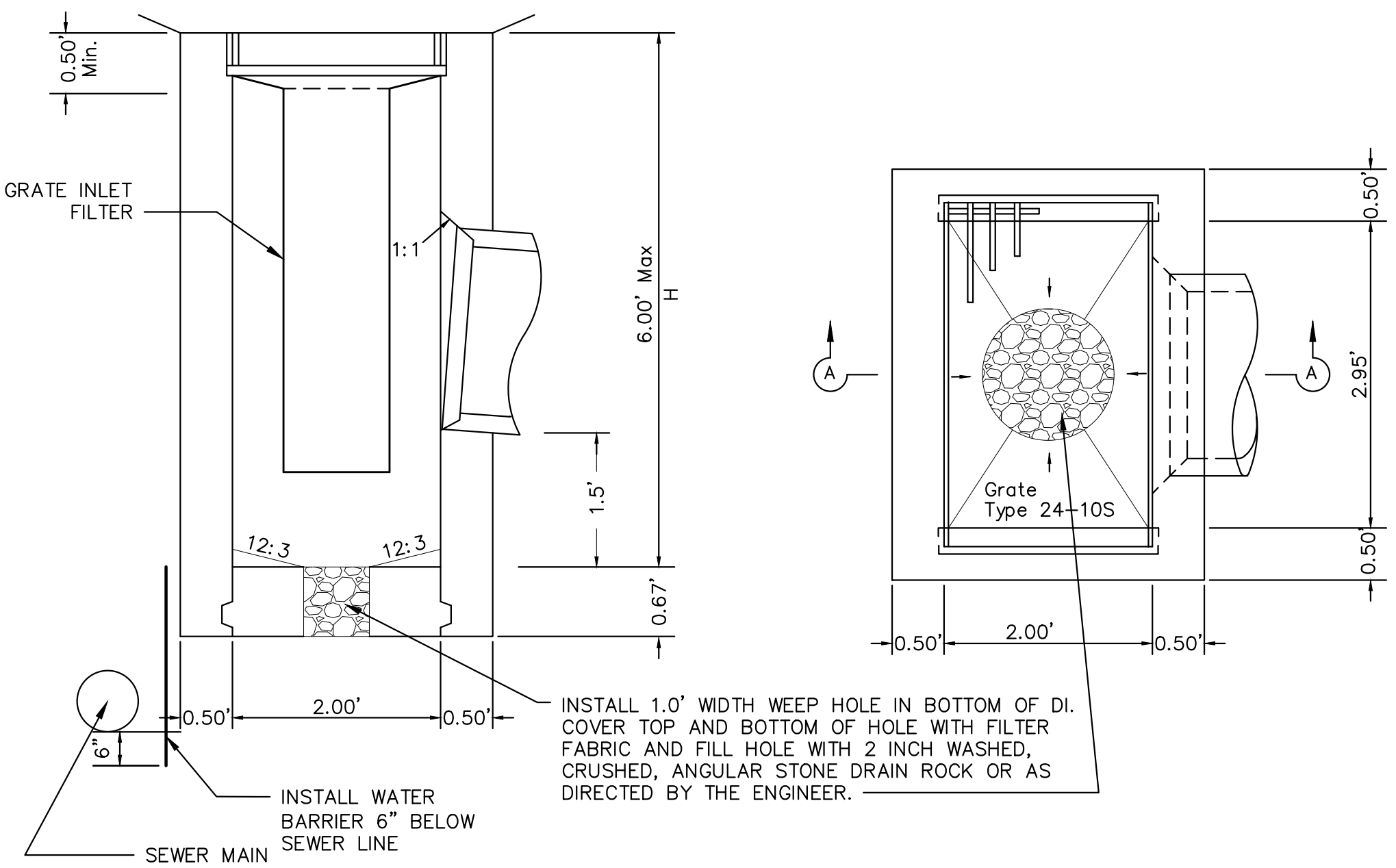
- UPDATES:**
- LENGTH, ELEVATIONS AND LOCATION OF INFILTRATION GALLERY, CATCH BASINS, STORM DRAIN MANHOLES AND STORM CHAMBERS

C STORMTECH PROFILE AT
19 INFILTRATION GALLERY 3
NOT TO SCALE



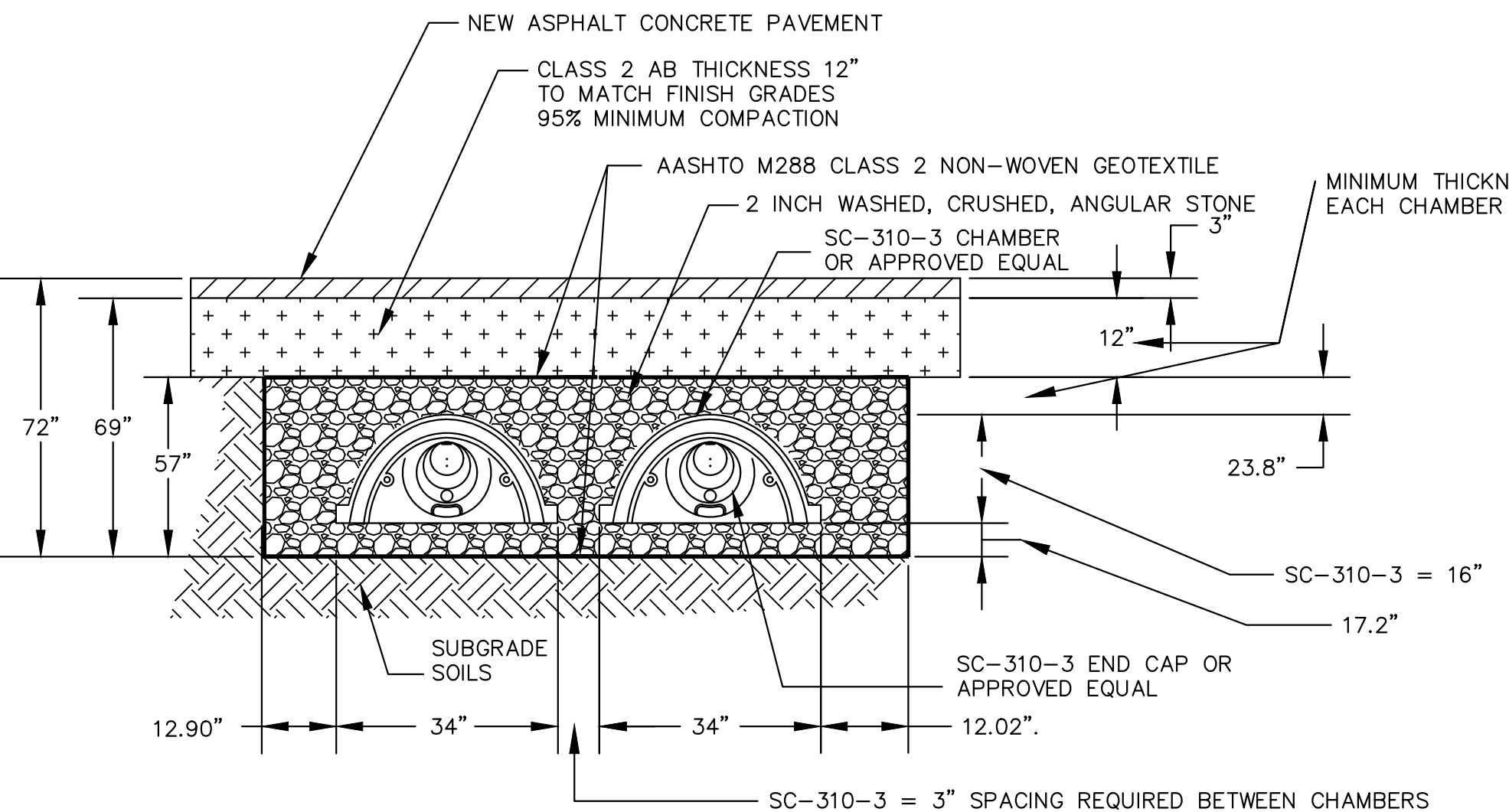
INLET TYPE	GRATE TYPE	NO. GRATES	WEIGHT LBS. EA
G1	24-10S	2	229

D TYPE 24-10S GRATE
19 WELDED STEEL (RETICULINE TYPE)
AT INFILTRATION GALLERY 3
NOT TO SCALE

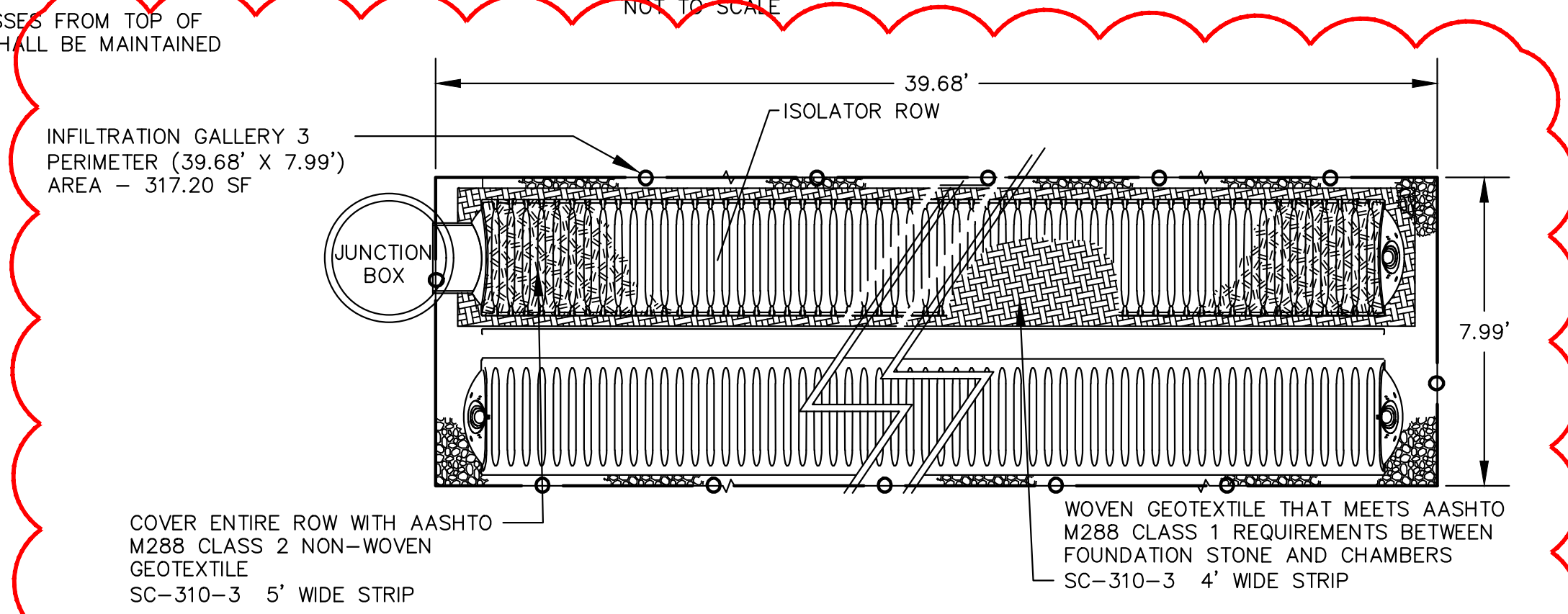


- NOTES:**
- CONCRETE IS TO BE CLASS 2 CONCRETE.
 - "H" IS THE DIFFERENCE IN ELEVATION BETWEEN THE OUTLET PIPE FLOW LINE AND THE NORMAL GUTTER GRADE LINE UNDEPRESSED.
 - WALL REINFORCING NOT REQUIRED WHEN "H" IS 8' OR LESS AND THE UNSUPPORTED WIDTH OR LENGTH IS 7' OR LESS. WALLS EXCEEDING THESE LIMITS SHALL BE REINFORCED WITH #4 BARS @ 18" CENTERS PLACED 1/2" CLEAR TO INSIDE OF BOX UNLESS OTHERWISE SHOWN.
 - INLET BOTTOM REINFORCING NOT REQUIRED. SEE STANDARD PLAN D74C FOR ALTERNATIVE REINFORCED BOTTOM AND ALTERNATIVE HALF ROUND BOTTOM.

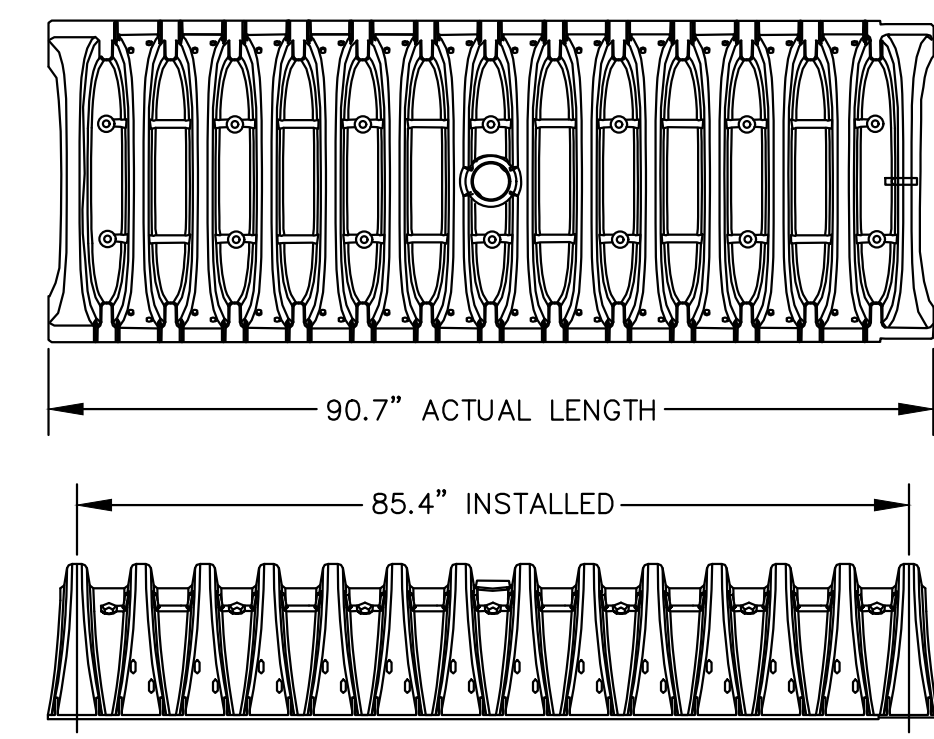
E TYPE 'G1' DRAINAGE INLET
19 AT INFILTRATION GALLERY 3
NOT TO SCALE



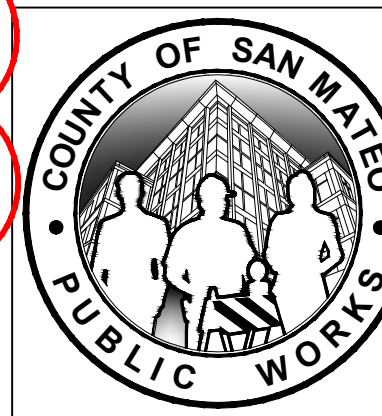
G INSTALL SUBSURFACE STORMWATER DETENTION SYSTEM
19 TYPICAL CROSS SECTION DETAIL
AT INFILTRATION GALLERY 3 (IG3)
NOT TO SCALE



H SUBSURFACE STORMWATER DETENTION
19 SYSTEM PLAN VIEW DETAIL
AT INFILTRATION GALLERY 3
NOT TO SCALE

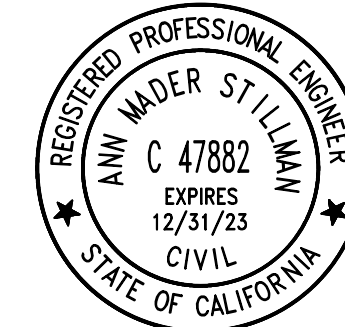


F SUBSURFACE STORMWATER
19 DETENTION CHAMBER
AT INFILTRATION GALLERY 3
NOT TO SCALE

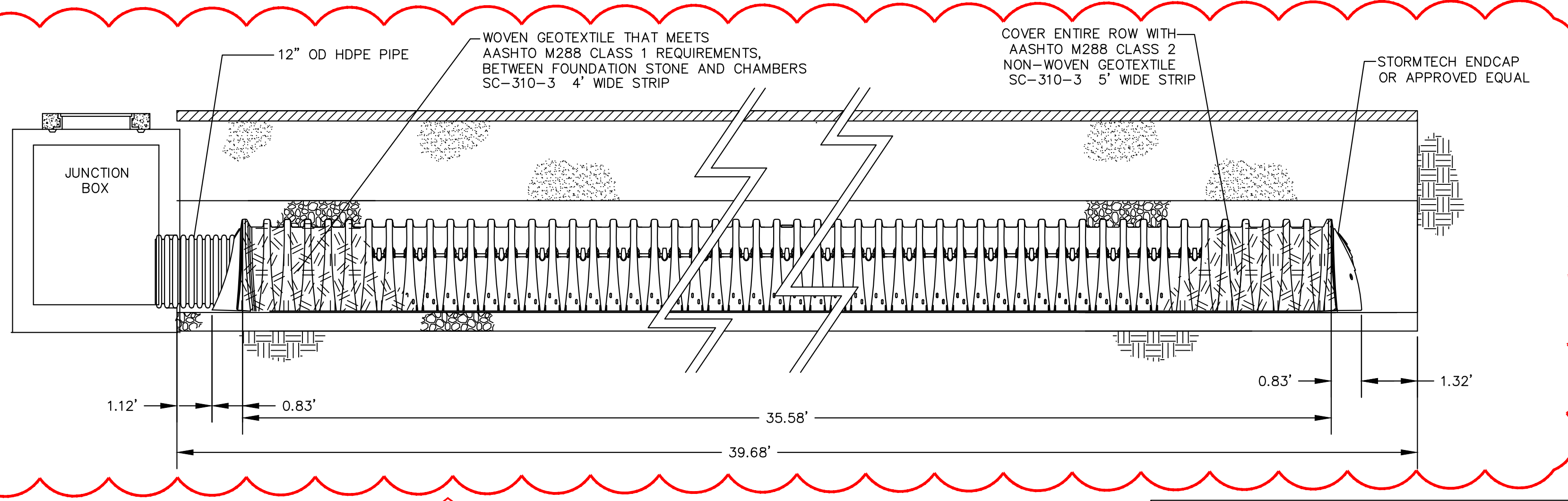


19		05-17-2022, ADDENDUM 1	DESIGNED BY: JS	RECONSTRUCTION OF ENCINA AVENUE FROM MIDDLEFIELD ROAD TO END INFILTRATION GALLERY 3	SCALE: NONE
			CHECKED BY: WN		DATE: 04-15-2022
			DRAWN BY: JS		FILE NO.: 1/5044
REVISION	DATE	ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO		555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063	
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES					19 REV SHEET 19 OF 25

FILENAME: F:\USERS\DESIGN\C\10\ENCINA_AVE_RECON\10_DWG\19-E5044014-25.DWG (1-5044019)



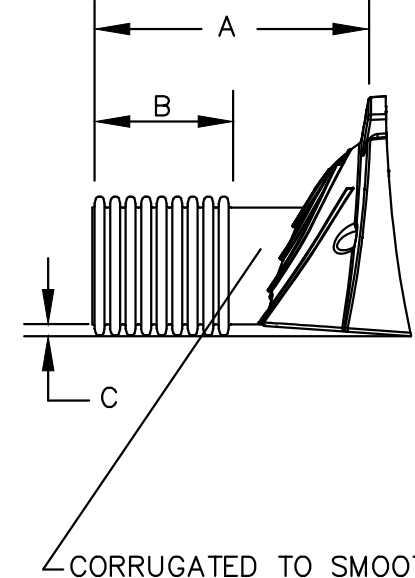
APPROVED:
 DATE: April 15, 2022
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023



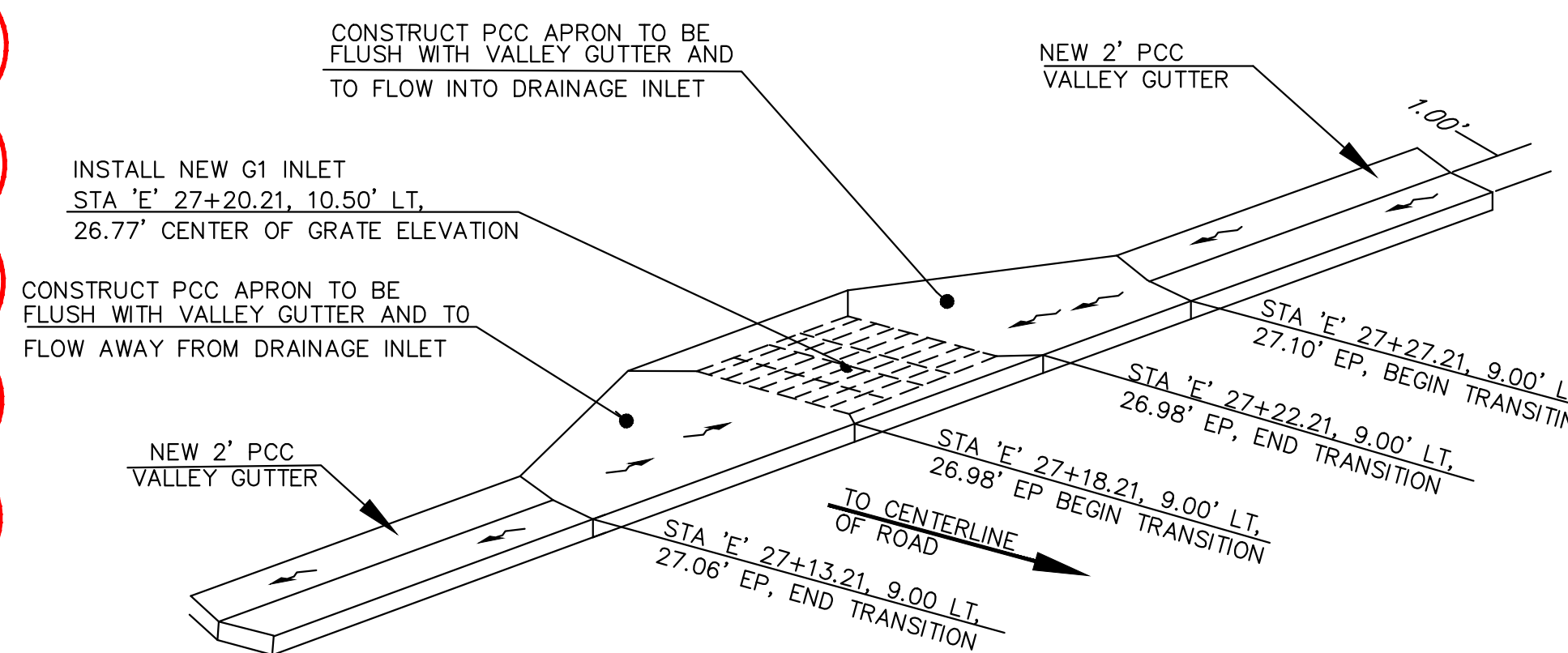
1) LENGTH, ELEVATIONS AND LOCATION OF INFILTRATION GALLERY, CATCH BASINS, STORM DRAIN MANHOLES AND STORM CHAMBERS

PART #	CHAMBER	PIPE SIZE	A	B	C
SC310EPE12B	SC-310-3	12 in	13.5 in	7.70 in	0.90 in

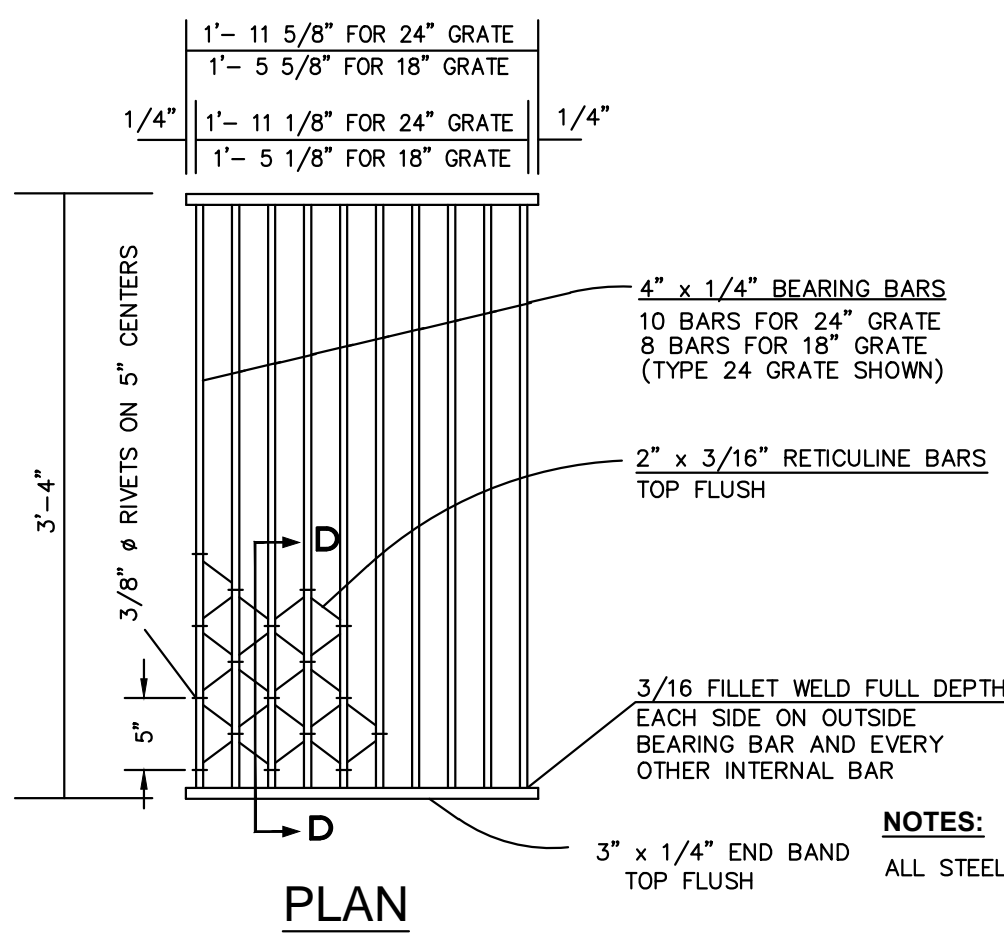
* FOR THE SC310EPE12B OR APPROVED EQUAL THE 12" STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 0.25". BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-8 STUB SO THAT THE FITTING SETS LEVEL.



A SUBSURFACE STORMWATER DETENTION SYSTEM ISOLATOR ROW PROFILE VIEW DETAIL AT INFILTRATION GALLERY 3 NOT TO SCALE



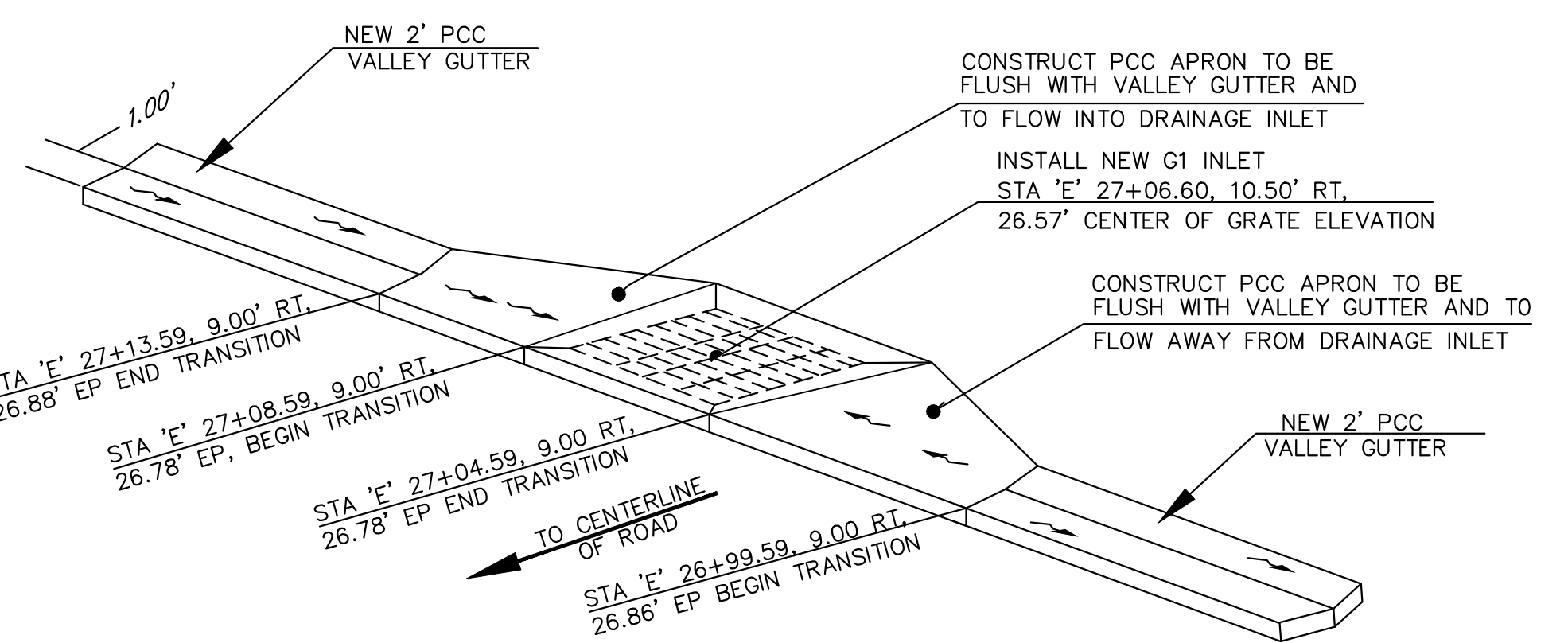
C DRAINAGE APRON LEFT DETAIL AT INFILTRATION GALLERY 4 NOT TO SCALE



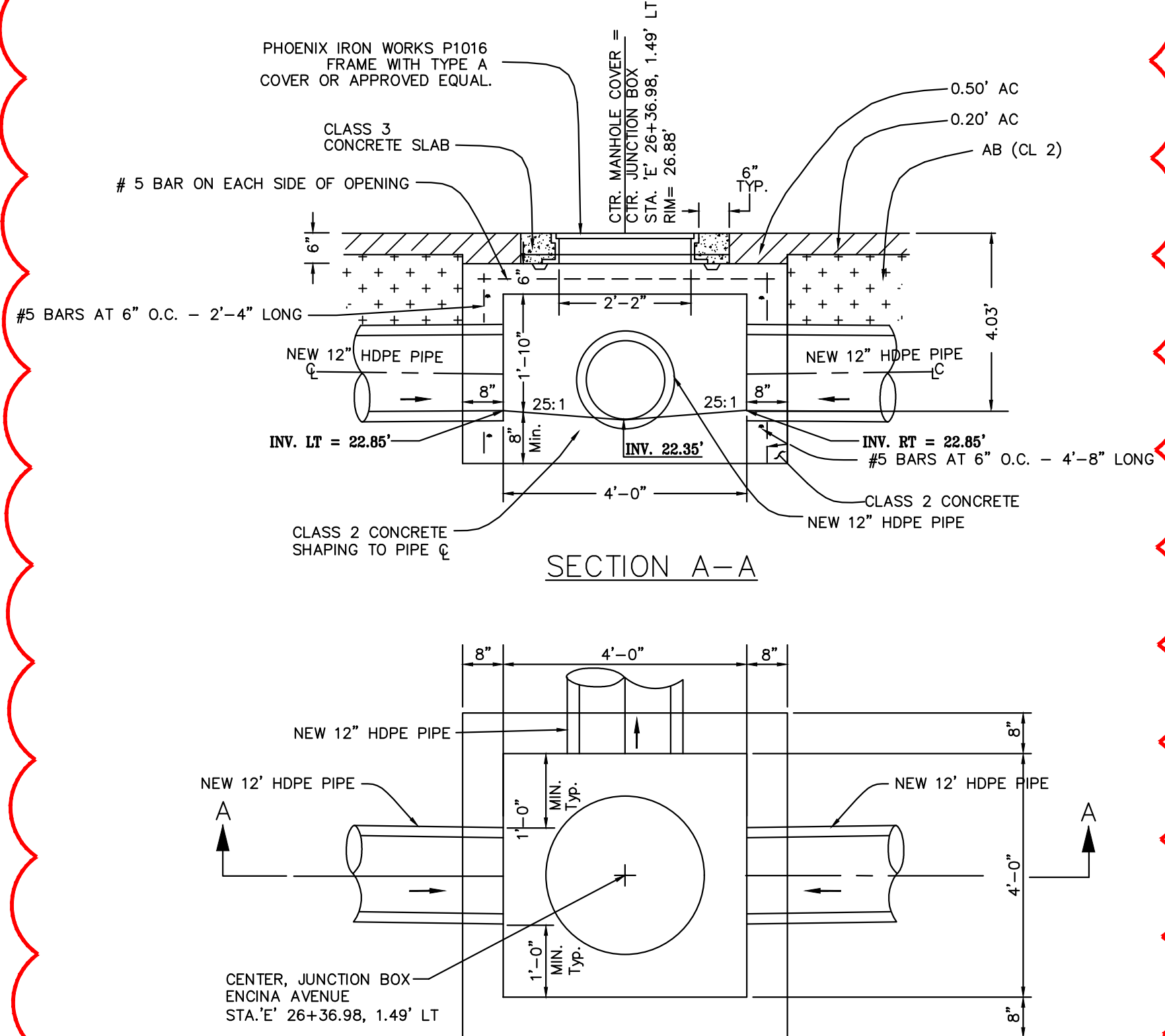
NOTE: ALL STEEL TO BE HOT DIP GALVANIZED AFTER ALL WELDING IS COMPLETE.

INLET TYPE	GRATE TYPE	NO. GRATES	WEIGHT LBS. EA
G1	24-10S	2	229

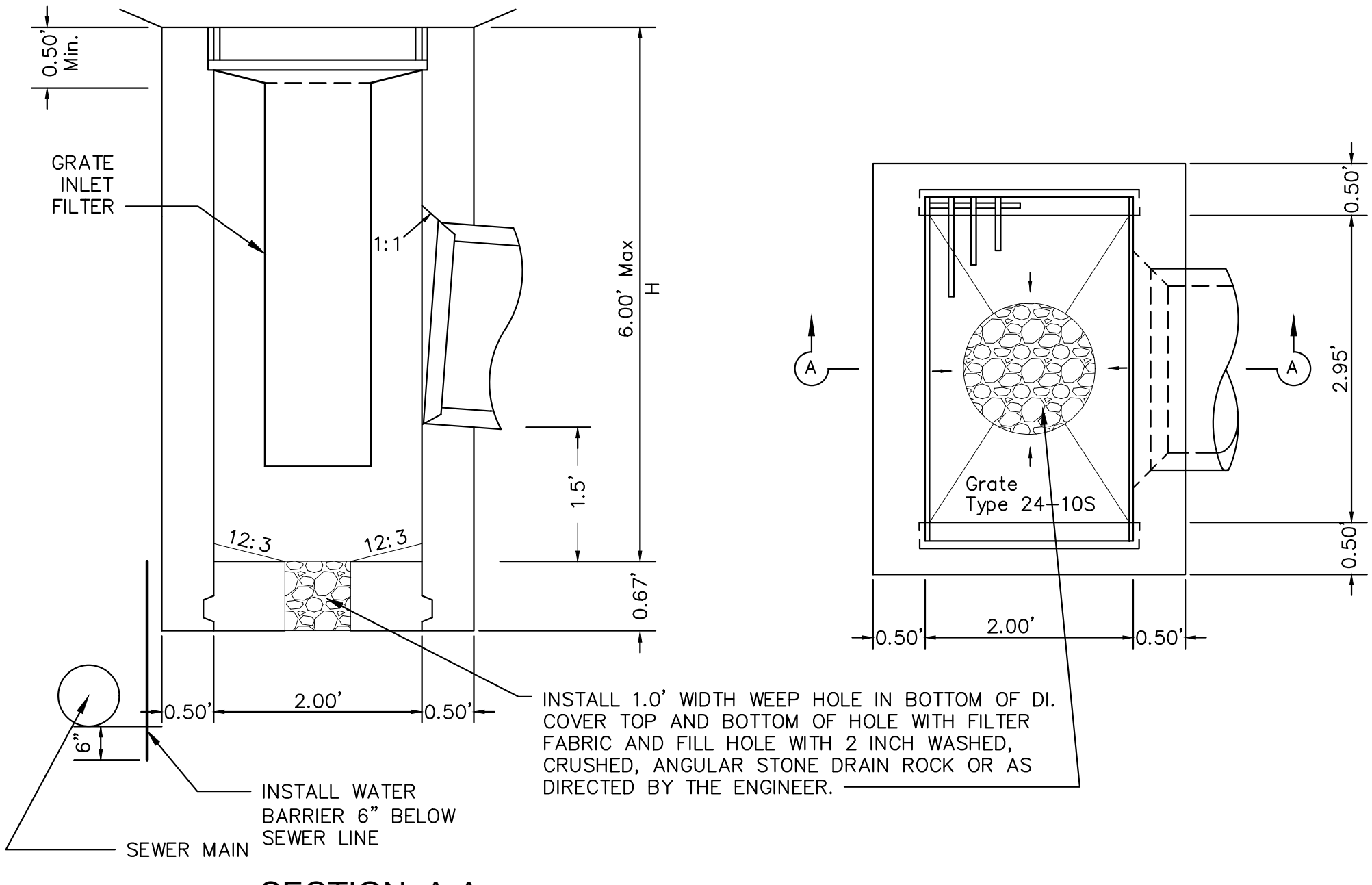
E TYPE 24-10S GRATE WELDED STEEL (RETICULINE TYPE) AT INFILTRATION GALLERY 4 NOT TO SCALE



D DRAINAGE APRON RIGHT DETAIL AT INFILTRATION GALLERY 4 NOT TO SCALE

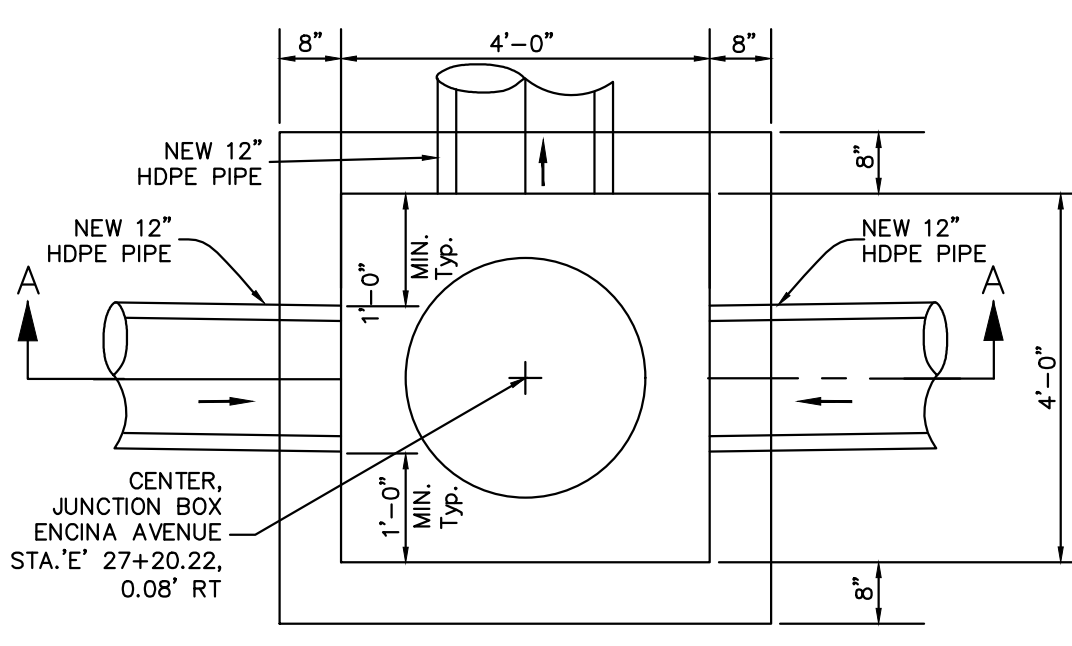


B JUNCTION BOX INFILTRATION GALLERY 3 STA 'E' 26+40.31, 1.50' LT NOT TO SCALE

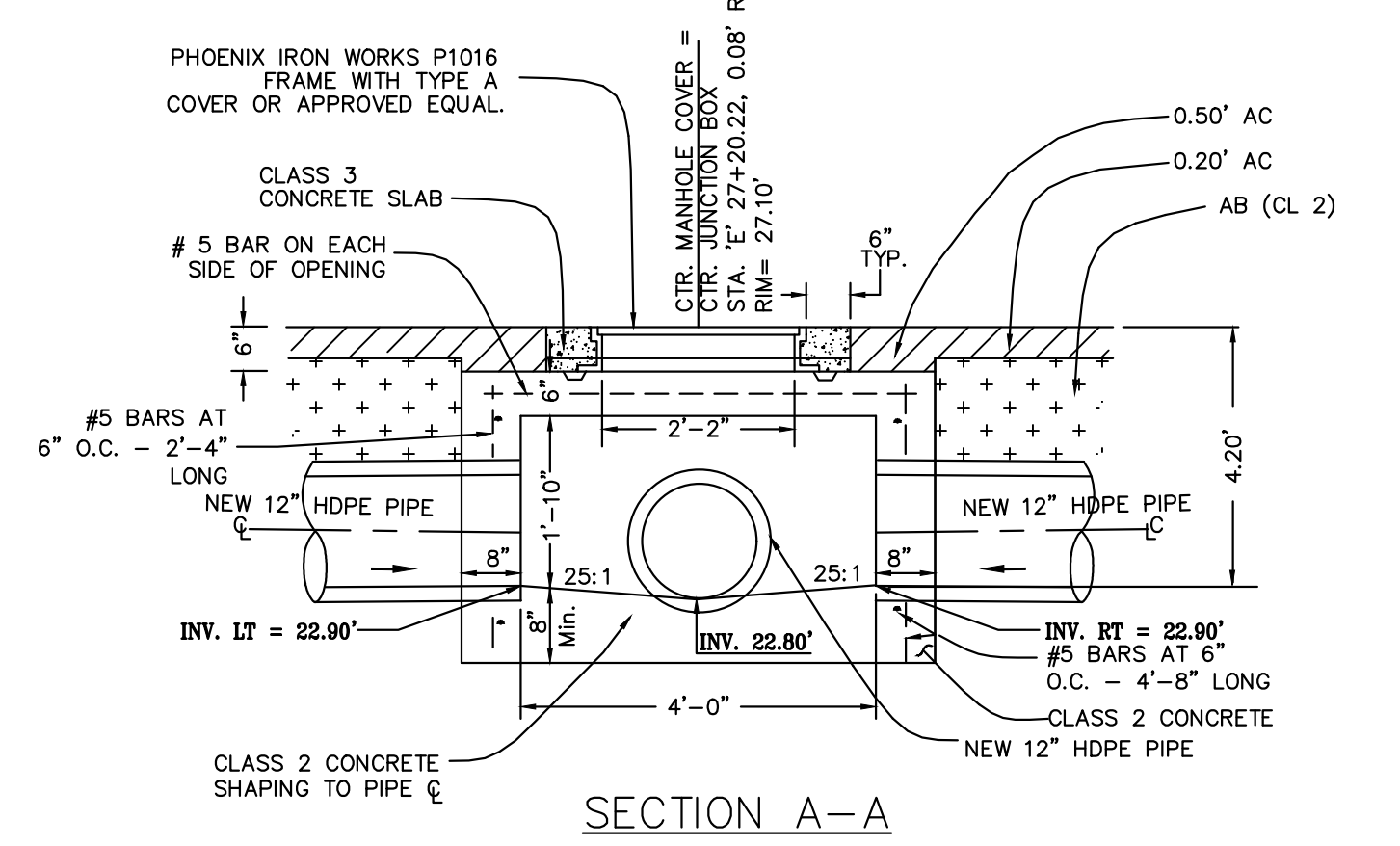


NOTES:
 1. CONCRETE IS TO BE CLASS 2 CONCRETE.
 2. "H" IS THE DIFFERENCE IN ELEVATION BETWEEN THE OUTLET PIPE FLOW LINE AND THE NORMAL GUTTER GRADE LINE UNDEPRESSED.
 3. WALL REINFORCING NOT REQUIRED WHEN "H" IS 8" OR LESS AND THE UNSUPPORTED WIDTH OR LENGTH IS 7" OR LESS. WALLS EXCEEDING THESE LIMITS SHALL BE REINFORCED WITH "4 BARS @ 18"± CENTERS PLACED 1 1/2" CLEAR TO INSIDE OF BOX UNLESS OTHERWISE SHOWN.
 4. INLET BOTTOM REINFORCING NOT REQUIRED. SEE STANDARD PLAN D74C FOR ALTERNATIVE REINFORCED BOTTOM AND ALTERNATIVE HALF ROUND BOTTOM.

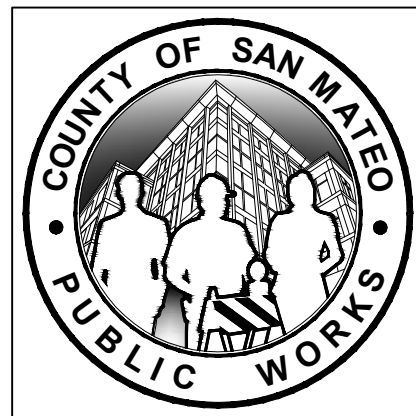
F TYPE 'G1' DRAINAGE INLET AT INFILTRATION GALLERY 4 NOT TO SCALE



G JUNCTION BOX INFILTRATION GALLERY 4 STA 'E' 27+20.22, 0.08' RT NOT TO SCALE



1) LENGTH, ELEVATIONS AND LOCATION OF INFILTRATION GALLERY, CATCH BASINS, STORM DRAIN MANHOLES AND STORM CHAMBERS



DESIGNED BY: JS	RECONSTRUCTION OF ENCINA AVENUE FROM MIDDLEFIELD ROAD TO END INFILTRATION GALLERY 3 & 4	SCALE: NONE
CHECKED BY: WN		DATE: 04-15-2022
DRAWN BY: JS		FILE NO.: 1/5044
ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO		555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES		20 REV SHEET 20 OF 25

FILENAME: F:\USERS\DESIGN\CD\ES044\000_ENCINA_AVE_RECON\10_DWG\10-ES044014-25.DWG (1-5044020)