

1660

1650

CONSTRUCTION NOTES

EASEMENT NOTES

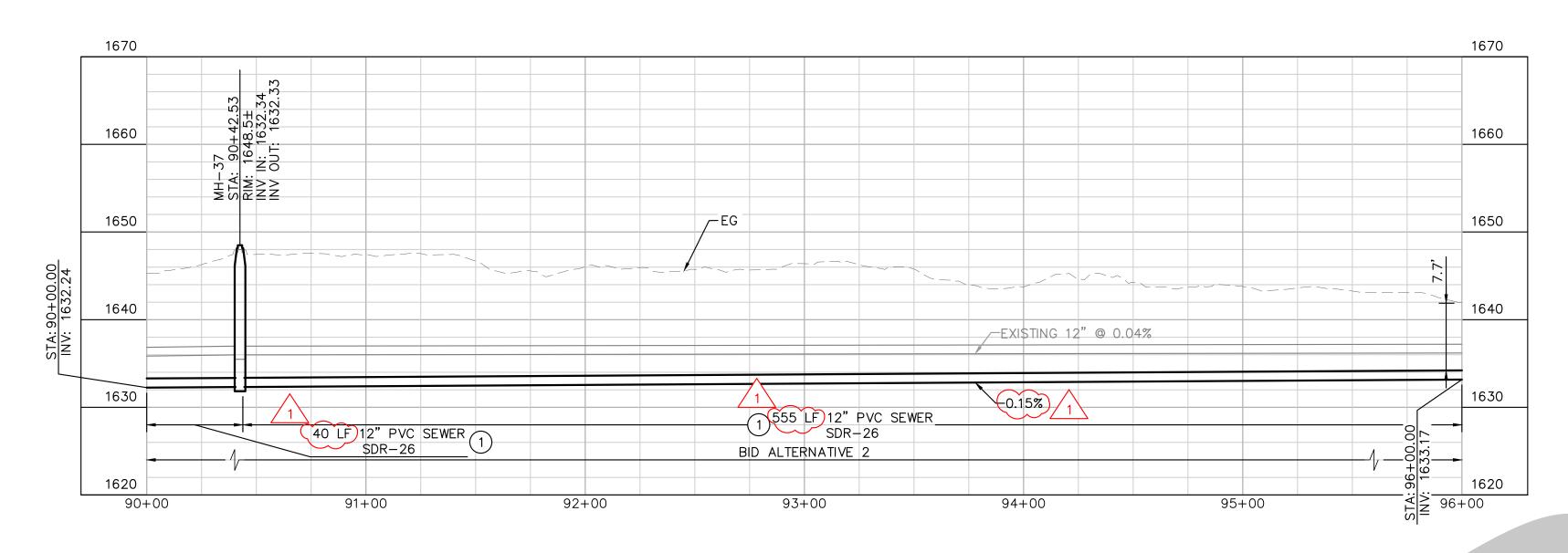
1660

1650

1) INSTALL 12" SDR-26 PVC SEWER. TRENCH

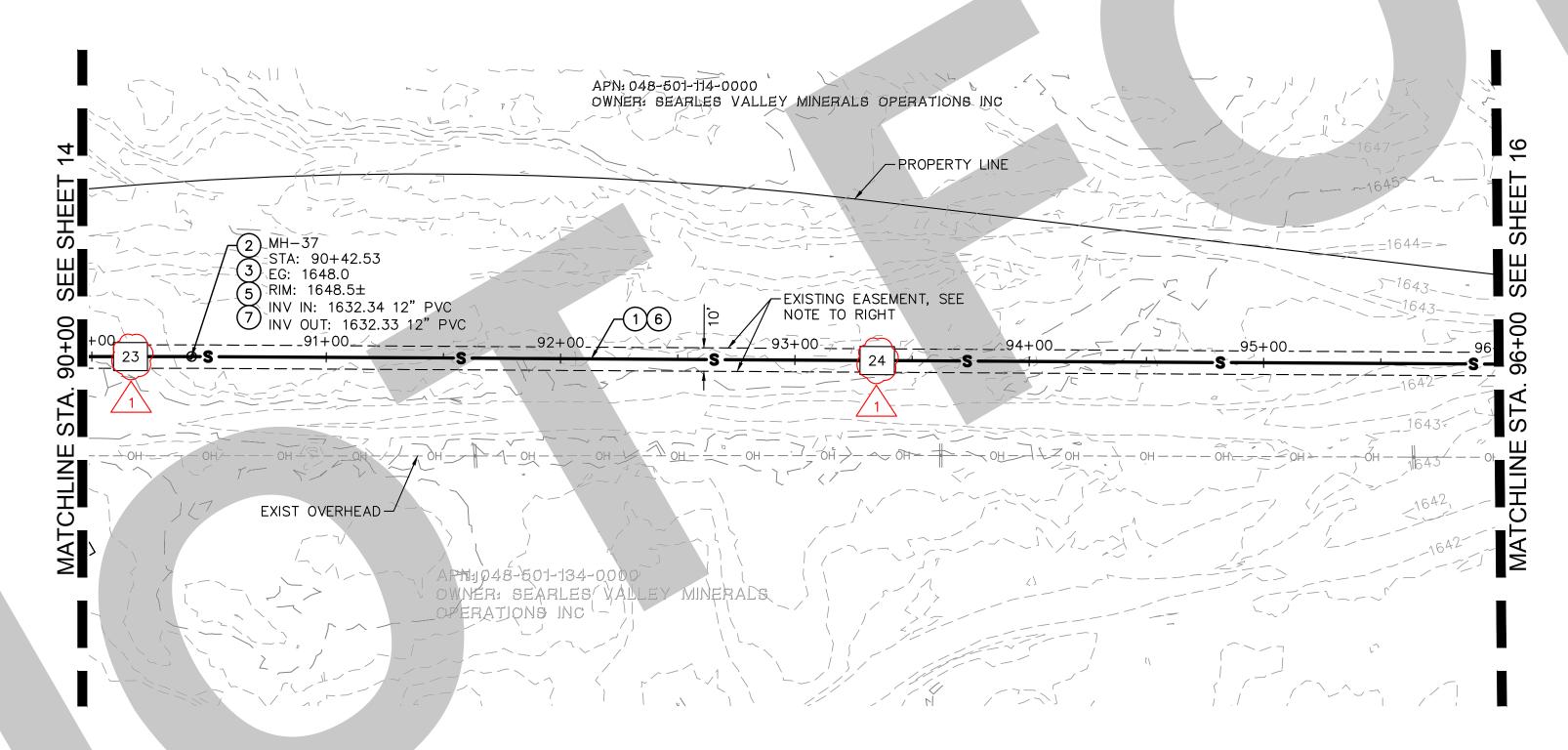
BACKFILL AND GEOGRID PER DETAIL B, SHEET 23.)
PIPE BEDDING PER SAN BERNARDINO COUNTY
STANDARD DRAWING E-18, SPECIAL BEDDING.

(6) REMOVE AND DISPOSE EXISTING SEWER PIPE.



NOTE: THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES IN THE AREA OF THE WORK AND SHALL NOT COMMENCE DIGGING UNTIL ALL UNDERGROUND UTILITIES HAVE
BEEN MARKED. THE CONTRACTOR SHALL BE
RESPONSIBLE FOR ALL DAMAGE RESULTING
FROM NEGLECT OR FAILURE TO COMPLY WITH THIS REQUIREMENT.

PROFILE VIEW HORZ: 1"=40' VERT: 1"=4"



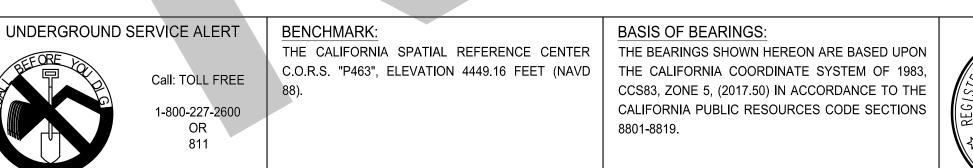
TRONA AVE - SEWER IMPROVEMENTS SCALE: 1"=40'

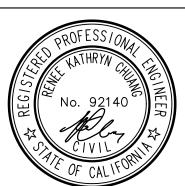
RENEE KATHRYN CHUANG

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

OR 811

TWO WORKING DAYS BEFORE YOU DIG





Kimley» Horn	
401 B STREET, SUITE 600, SAN DIEGO, CA 92101 PHONE: (951) 543-9868 WWW.KIMLEY-HORN.COM	
RED UNDER THE SUPERVISION OF:	
04/26/2024	

R.C.E. No. 92140 EXP 03/31/2025

DNS	REVISIONS
COUNTY COMMENTS	TRENCH DETAIL UPDATE AND COUNTY
	PROPOSED MANHOLE
ASSISTAL	
ASSISTAL	
APPROVAL	
CRIPTION APPR. DATE	DESCRIPTION

S	AN BERNARDINO COUNTY - P SPECIAL DISTRICT	UBLIC WORK	S	
ASSISTANT D	RECTOR	DATE		
PROVALS		INITIAL	DATE	
	REVIEWER			1
	WAS, DIVISION MANAGER			1
	PM, DIVISION MANAGER			

SEWER IMPROVEMENT PLANS	DWG NO.
	30.30.0158
SEARLES VALLEY SEWER IMPROVEMENT PROJECT	FILE NO.
90+00 - 96+00	
SEWER PLAN AND PROFILE 11	45 24
RID ALTEDNIATIVE 2	SHEET 15 OF 24

BID ALTERNATIVE 2

CONSTRUCTION NOTES

1) INSTALL 12" SDR-26 PVC SEWER. TRENCH BACKFILL AND GEOGRID PER DETAIL B, SHEET 23. PIPE BEDDING PER SAN BERNARDINO COUNTY STANDARD DRAWING E-18, SPECIAL BEDDING.

2) REMOVE AND DISPOSE EXISTING SEWER MANHOLE.

3 CONSTRUCT CONCRETE STABILIZING RING IN UNPAVED AREA PER SAN BERNARDINO COUNTY STANDARD DRAWING E-3A.

5 INSTALL NEW 4' POLYMER CONCRETE MANHOLE PER DETAIL A, SHEET 23.

(6) REMOVE AND DISPOSE EXISTING SEWER PIPE.

7 INSTALL MANHOLE FRAME AND COVER PER SAN BERNARDINO COUNTY STANDARD DRAWING E-5.

EASEMENT NOTES

10' EASEMENT AS DEPICTED ON SEARLES VALLEY WASTEWATER FACILITIES PLANS (1979). UNKNOWN IF THIS EASEMENT IS A SEWER EASEMENT FOR THIS LINE.

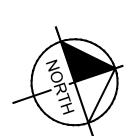
				.)
		LINE T	ABLE	•
(LINE	LENGTH	BEARING	•
	23	40.13'	N29°35'36"E	4
(24	555.05	N29°57'14"E	

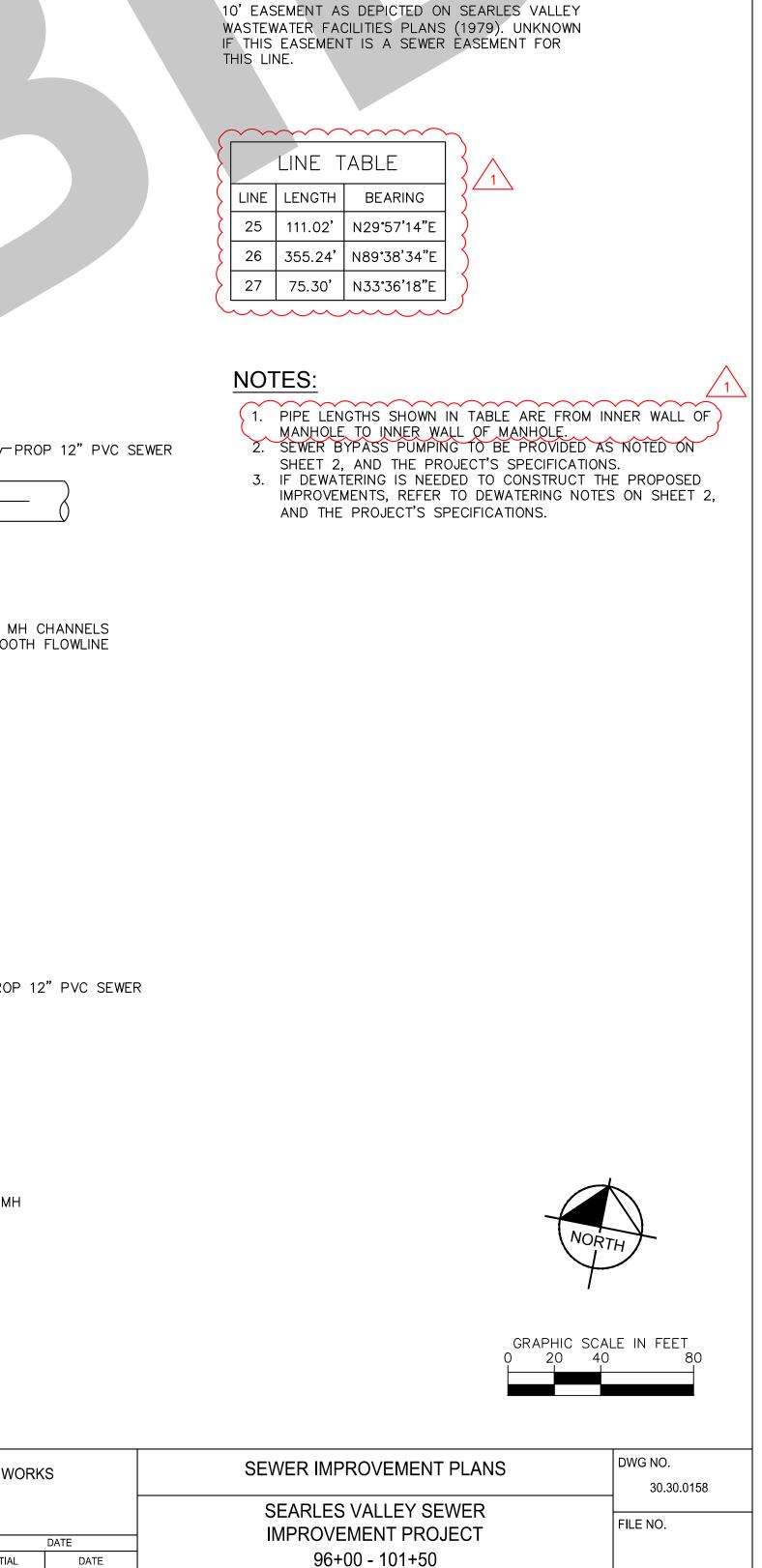
NOTES:

1. PIPE LENGTHS SHOWN IN TABLE ARE FROM INNER WALL OF MANHOLE TO INNER WALL OF MANHOLE.

2. SEWER BYPASS PUMPING TO BE PROVIDED AS NOTED ON

SHEET 2, AND THE PROJECT'S SPECIFICATIONS. 3. IF DEWATERING IS NEEDED TO CONSTRUCT THE PROPOSED IMPROVEMENTS, REFER TO DEWATERING NOTES ON ON SHEET 2, AND THE PROJECT'S SPECIFICATIONS.





SUBMITT

SHEET 16 OF 24

CONSTRUCTION NOTES

E-18, SPECIAL BEDDING.

MANHOLE.

DRAWING E-5.

EASEMENT NOTES

1) INSTALL 12" SDR-26 PVC SEWER. TRENCH BACKFILL AND GEOGRID PER DETAIL B, SHEET 23. PIPE BEDDING PER SAN

(2) REMOVE AND DISPOSE EXISTING SEWER

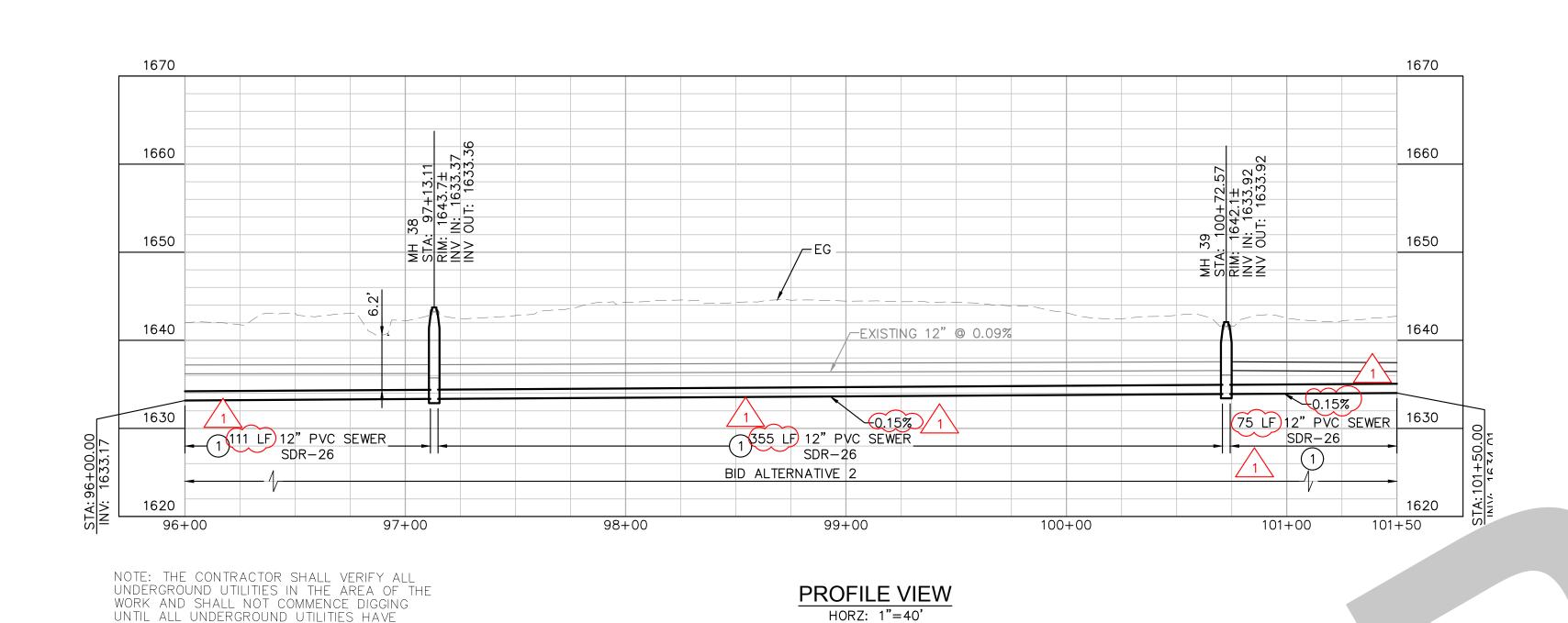
(5) INSTALL NEW 4' POLYMER CONCRETE

MANHOLE PER DETAIL A, SHEET 23. (6) REMOVE AND DISPOSE EXISTING SEWER PIPE.

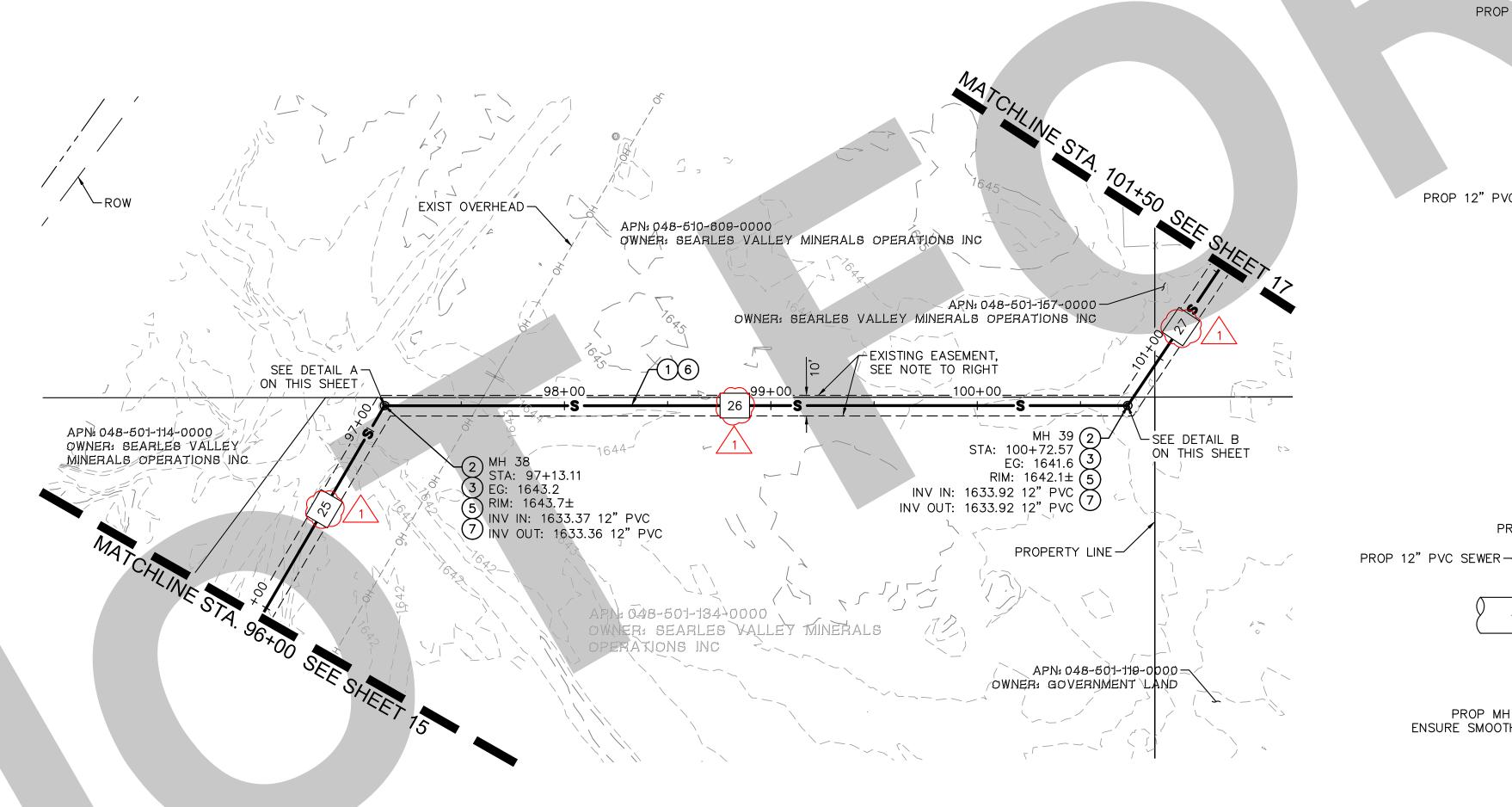
(7) INSTALL MANHOLE FRAME AND COVER PER SAN BERNARDINO COUNTY STANDARD

(3) CONSTRUCT CONCRETE STABILIZING RING IN UNPAVED AREA PER SAN BERNARDINO COUNTY STANDARD DRAWING E-3A.

BERNARDINO COUNTY STANDARD DRAWING



VERT: 1"=4"



TRONA AVE - SEWER IMPROVEMENTS SCALE: 1"=40'

RENEE KATHRYN CHUANG

401 B STREET, SUITE 600, SAN DIEGO, CA 92101 PHONE: (951) 543-9868 WWW.KIMLEY-HORN.COM PREPARED UNDER THE SUPERVISION OF:

04/26/2024

R.C.E. No. 92140 EXP 03/31/2025

71 TRENCH DETAIL OPDATE AND COUNTY COMMENTS			
PROPOSED MANHOLE			
			ASSISTANT
			ASSISTANT
			APPROVALS
DESCRIPTION	APPR.	DATE	
 •			

REVISIONS

	SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS		
ASSISTANT D	IRECTOR		DATE
		INITIAL	DATE
ADDDOVALS	REVIEWER		
APPROVALS	WAS, DIVISION MANAGER		
TE	PM, DIVISION MANAGER		
	ASSISTANT D APPROVALS	APPROVALS WAS, DIVISION MANAGER	APPROVALS REVIEWER WAS, DIVISION MANAGER

MANHOLE DETAIL B

NOT TO SCALE

SEWER PLANS APPROVED BY

EFORE L	
F	Call: TOLL FREE
	1-800-227-2600 OR
	811

UNDERGROUND SERVICE ALERT

TWO WORKING DAYS BEFORE YOU DIG

ADDRESSING THIS ISSUE.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR

BENCHMARK:

THE CALIFORNIA SPATIAL REFERENCE CENTER C.O.R.S. "P463", ELEVATION 4449.16 FEET (NAVD

BEEN MARKED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM NEGLECT OR FAILURE TO COMPLY WITH

THIS REQUIREMENT.

BASIS OF BEARINGS: THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2017.50) IN ACCORDANCE TO THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819.

A TRENCH DETAIL UPDATE AND SEWER PLAN AND PROFILE 12 **BID ALTERNATIVE 2**

PROP MH-

-PROP MH CHANNELS

←PROP 12" PVC SEWER

ENSURE SMOOTH FLOWLINE

MANHOLE DETAIL A NOT TO SCALE

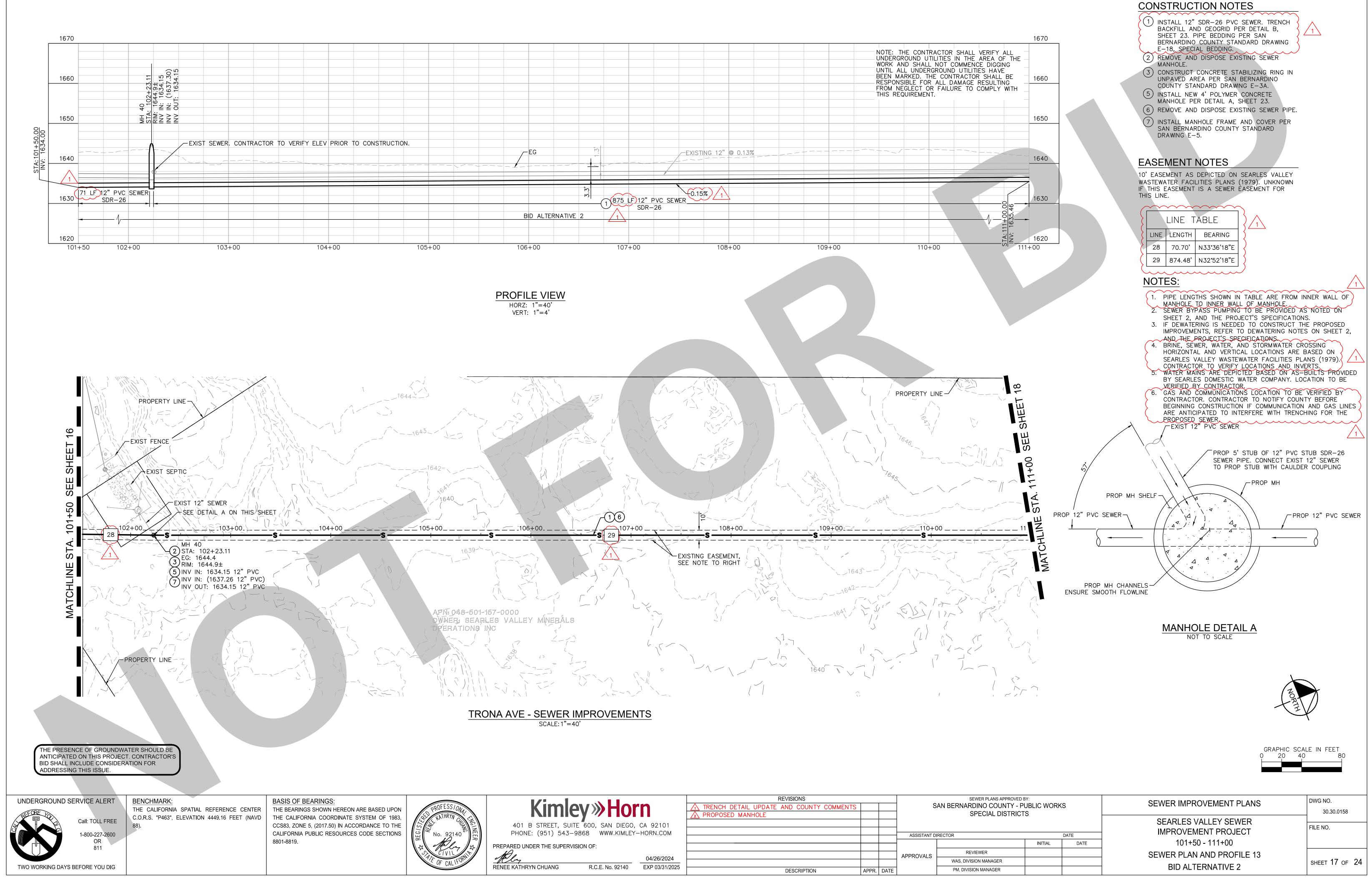
PROP MH SHELF

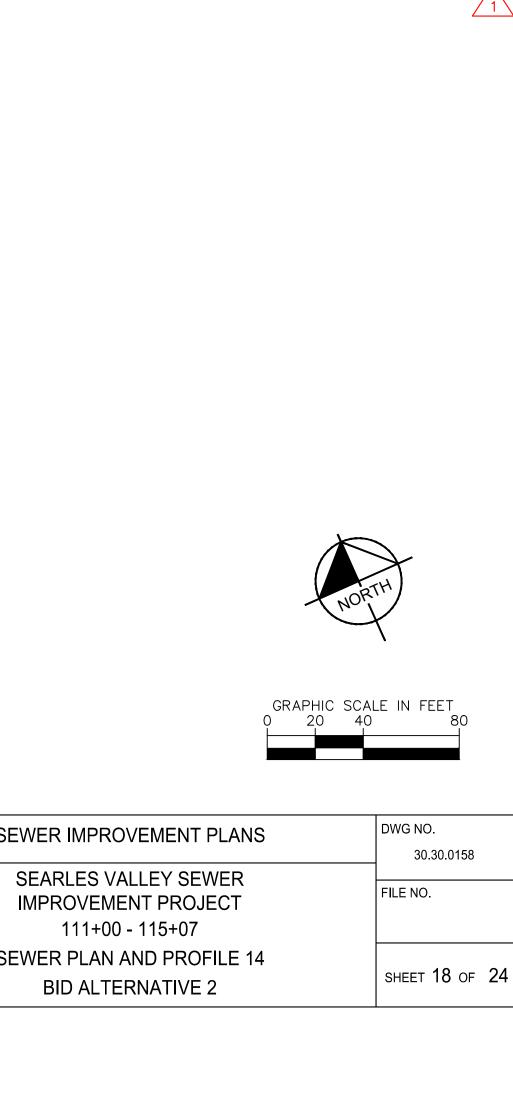
PROP 12" PVC SEWER-

PROP MH SHELF

PROP MH CHANNELS-

ENSURE SMOOTH FLOWLINE





CONSTRUCTION NOTES

E-18, SPECIAL BEDDING.

MANHOLE.

DRAWING E-5.

EASEMENT NOTES

~~~~~~

LINE TABLE

LINE | LENGTH | BEARING

30 | 168.91' | N32°52'18"E

31 | 231.21' | S66°21'21"E

THIS LINE.

NOTES:

1) INSTALL 12" SDR-26 PVC SEWER. TRENCH BACKFILL AND GEOGRID PER DETAIL B, SHEET 23. PIPE BEDDING PER SAN

2 REMOVE AND DISPOSE EXISTING SEWER

(5) INSTALL NEW 4' POLYMER CONCRETE

(9) CONCRETE ENCASEMENT PER SAN

MANHOLE PER DETAIL A, SHEET 23. (6) REMOVE AND DISPOSE EXISTING SEWER PIPE.

BERNARDINO COUNTY STANDARD DRAWING

(3) CONSTRUCT CONCRETE STABILIZING RING IN

UNPAVED AREA PER SAN BERNARDINO COUNTY STANDARD DRAWING E-3A.

(7) INSTALL MANHOLE FRAME AND COVER PER SAN BERNARDINO COUNTY STANDARD

BERNARDINO COUNTY STANDARD DRAWING

10' EASEMENT AS DEPICTED ON SEARLES VALLEY

WASTEWATER FACILITIES PLANS (1979). UNKNOWN

1. PIPE LENGTH'S SHOWN IN TABLE ARE FROM INNER WALL OF

2. SEWER BYPASS PUMPING TO BE PROVIDED AS NOTED ON

3. IF DEWATERING IS NEEDED TO CONSTRUCT THE PROPOSED IMPROVEMENTS, REFER TO DEWATERING NOTES ON SHEET 2,

HORIZONTAL AND VERTICAL LOCATIONS ARE BASED ON SEARLES VALLEY WASTEWATER FACILITIES PLANS (1979).

CONTRACTOR TO VERIFY LOCATIONS AND INVERTS.

WATER MAINS ARE DEPICTED BASED ON AS-BUILTS PROVIDED

BEGINNING CONSTRUCTION IF COMMUNICATION AND GAS LINES

ARE ANTICIPATED TO INTERFERE WITH TRENCHING FOR THE

PROPOSED SEWER.

BY SEARLES DOMESTIC WATER COMPANY. LOCATION TO BE VERIFIED BY CONTRACTOR.

GAS AND COMMUNICATIONS LOCATION TO BE VERIFIED BY CONTRACTOR. CONTRACTOR TO NOTIFY COUNTY BEFORE

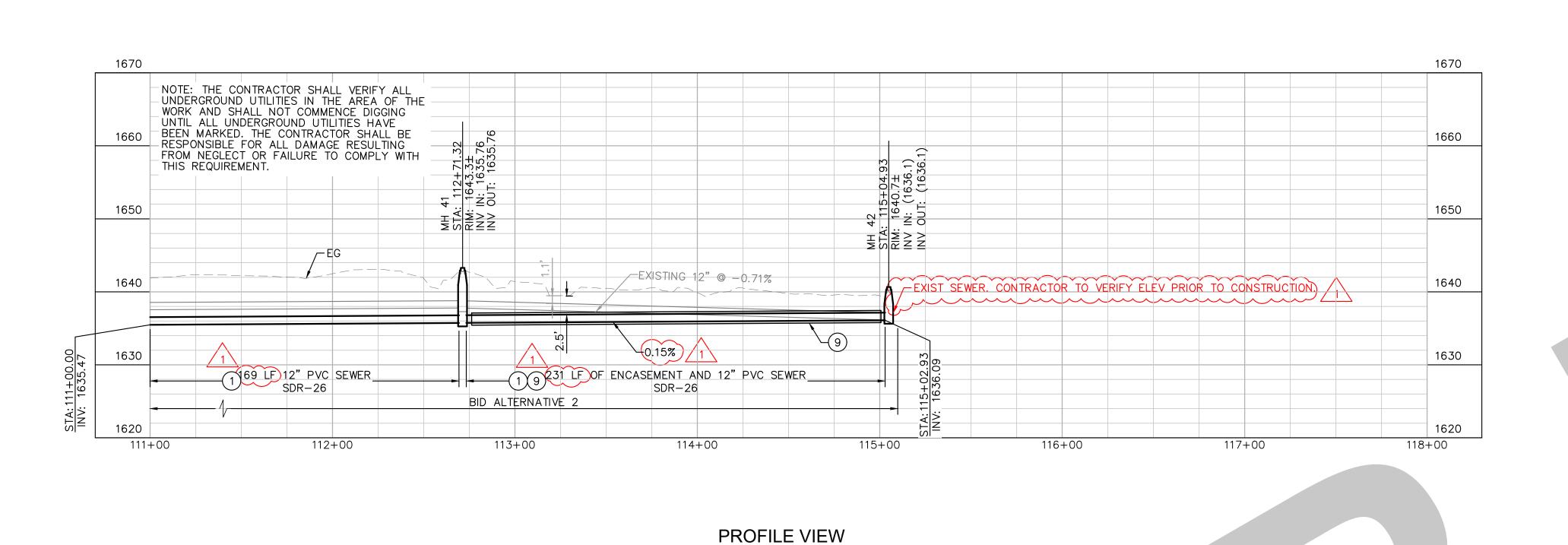
SHEET 2, AND THE PROJECT'S SPECIFICATIONS.

4. BRINE, SEWER, WATER, AND STORMWATER CROSSING

MANHOLE TO INNER WALL OF MANHOLE.

AND THE PROJECT'S SPECIFICATIONS

IF THIS EASEMENT IS A SEWER EASEMENT FOR





# MANHOLE DETAIL A NOT TO SCALE EXIST 12" PVC SEWER PROP 5' STUB OF 12" PVC STUB SDR-26 SEWER PIPE. CONNECT EXIST 12" SEWER TO PROP STUB WITH CAULDER COUPLING PROP MH-PROP MH SHELF PROP 12" PVC SEWER--PROP MH CHANNELS ENSURE SMOOTH FLOWLINE

# MANHOLE DETAIL B NOT TO SCALE

### THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

UNDERGROUND SERVICE ALERT

BENCHMARK: THE CALIFORNIA SPATIAL REFERENCE CENTER C.O.R.S. "P463", ELEVATION 4449.16 FEET (NAVD **BASIS OF BEARINGS:** THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2017.50) IN ACCORDANCE TO THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819.

MATCHLINE STA. 111+00 SEE SHEET 17



TRONA AVE - SEWER IMPROVEMENTS

SCALE: 1"=40'

EXIST EASEMENT,

SEE DETAIL A ON THIS SHEET

SEE NOTE TO RIGHT

OWNER SEARLES VALLEY MINERALS

| Kimle                                      | y»Hoi            | 'n             |
|--------------------------------------------|------------------|----------------|
| 401 B STREET, SUITE<br>PHONE: (951) 543—98 | ·                |                |
| PREPARED UNDER THE SUPERVISION             | ON OF:           | 04/26/2024     |
| RENEE KATHRYN CHUANG                       | R.C.E. No. 92140 | EXP 03/31/2025 |

-EXIST 12" SEWER

STA: 115+04.93 EG: 1640.2

RIM: 1640.7±

7 INV IN: (1636.12 12" PVC) INV OUT: (1636.12 12" PVC)

-SEE DETAIL B ON THIS SHEET

| REVISIONS                                  |       |      |        |
|--------------------------------------------|-------|------|--------|
| ↑ TRENCH DETAIL UPDATE AND COUNTY COMMENTS |       |      |        |
| 2 PROPOSED MANHOLE                         |       |      |        |
|                                            |       |      |        |
|                                            |       |      | 40010  |
|                                            |       |      | ASSIS  |
|                                            |       |      |        |
|                                            |       |      | APPRO\ |
|                                            |       |      |        |
| DESCRIPTION                                | APPR. | DATE |        |

| S           | SEWER PLANS APPROVED E<br>AN BERNARDINO COUNTY - PI<br>SPECIAL DISTRICT | JBLIC WORK | S    |   |
|-------------|-------------------------------------------------------------------------|------------|------|---|
| SSISTANT DI | IRECTOR                                                                 |            | DATE | _ |
| ROVALS      |                                                                         | INITIAL    | DATE | 1 |
|             | REVIEWER                                                                |            |      | - |
|             | WAS, DIVISION MANAGER                                                   |            |      | ] |
|             | PM, DIVISION MANAGER                                                    |            |      | ] |

| SEWER IMPROVEMENT PLANS   | DWG N   |
|---------------------------|---------|
| SEARLES VALLEY SEWER      | 30      |
| IMPROVEMENT PROJECT       | FILE NO |
| 111+00 - 115+07           |         |
| SEWER PLAN AND PROFILE 14 | SHEET   |

SUBMITT

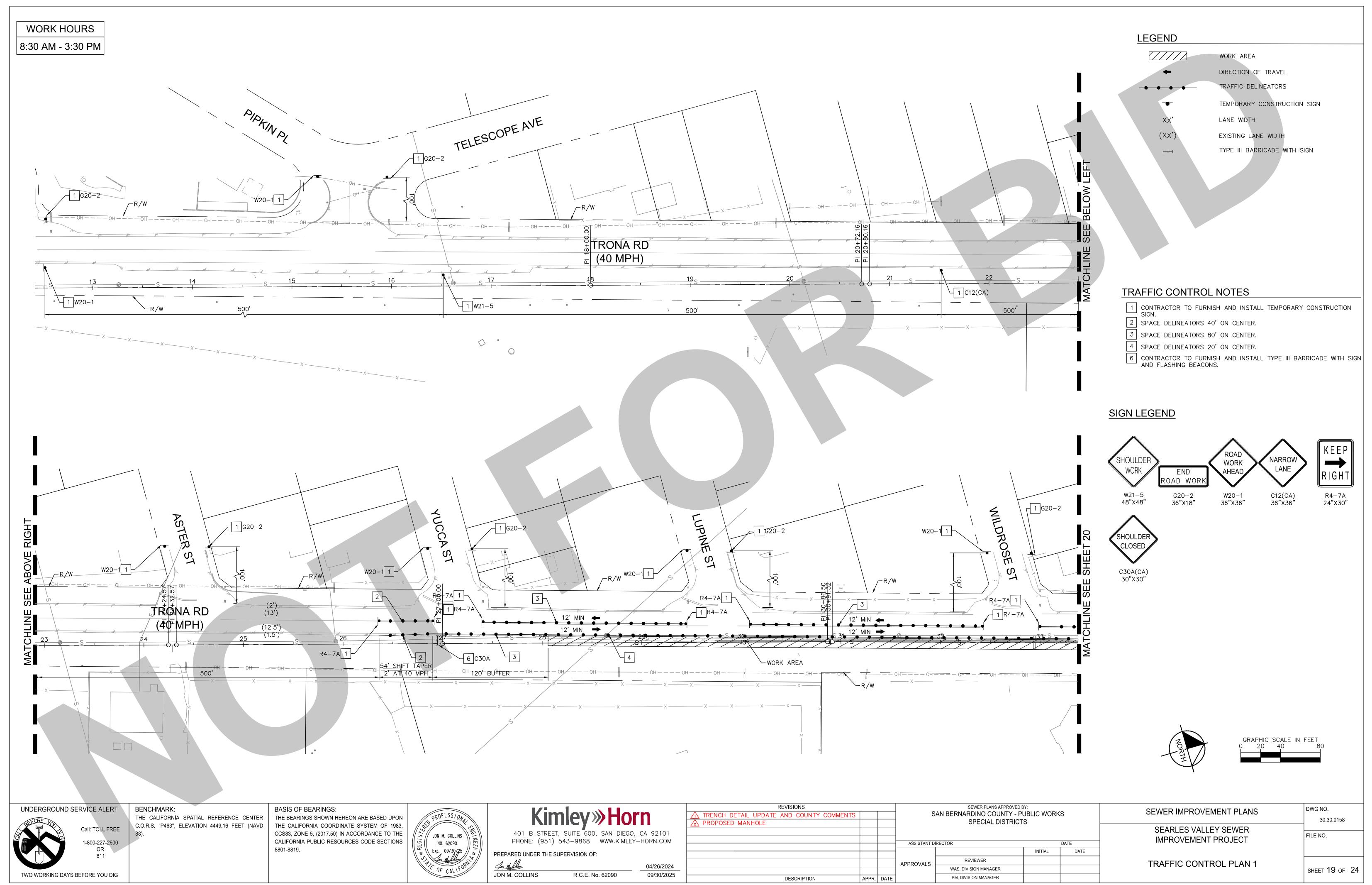
Call: TOLL FREE 1-800-227-2600 OR 811

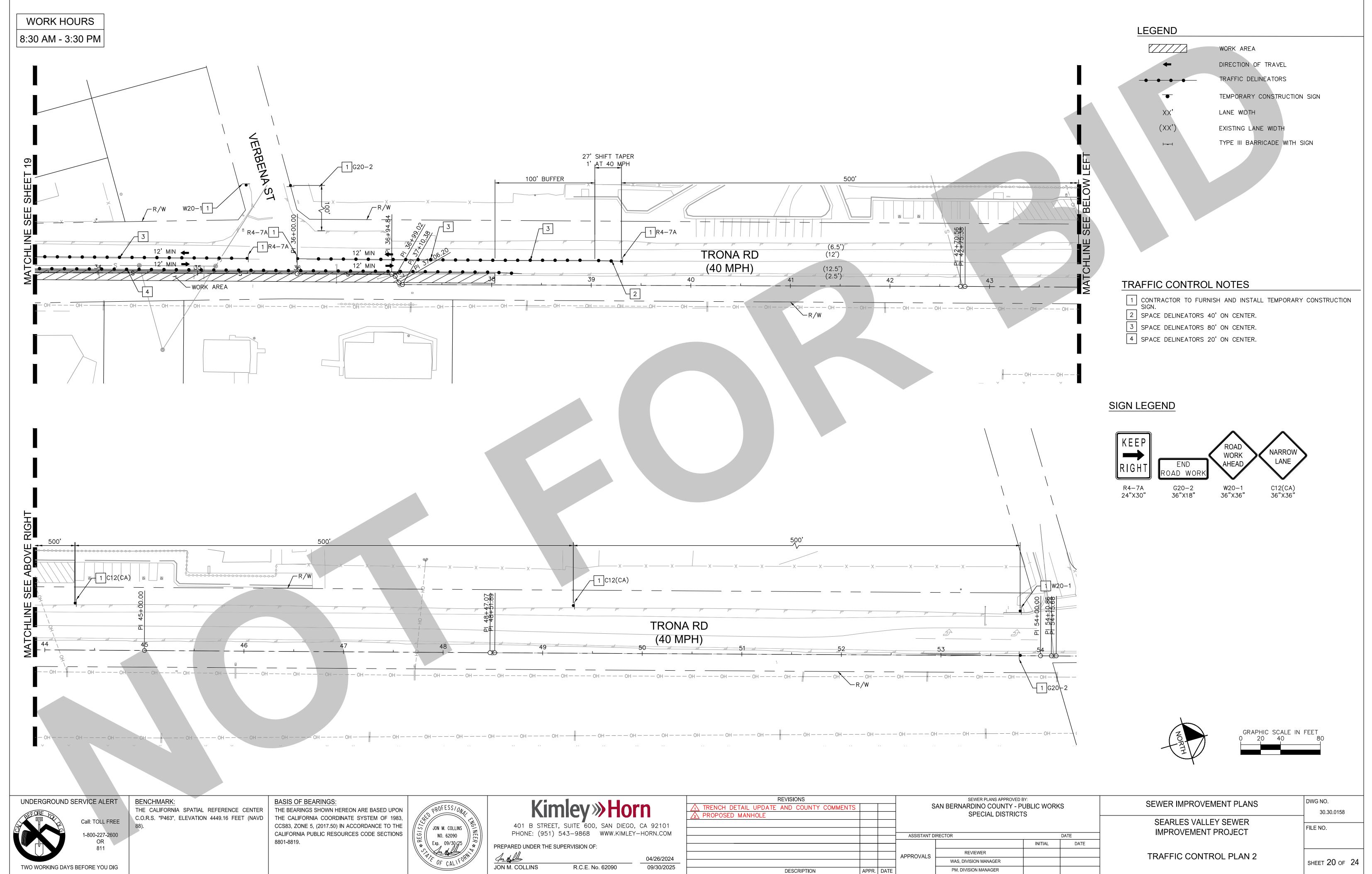
TWO WORKING DAYS BEFORE YOU DIG

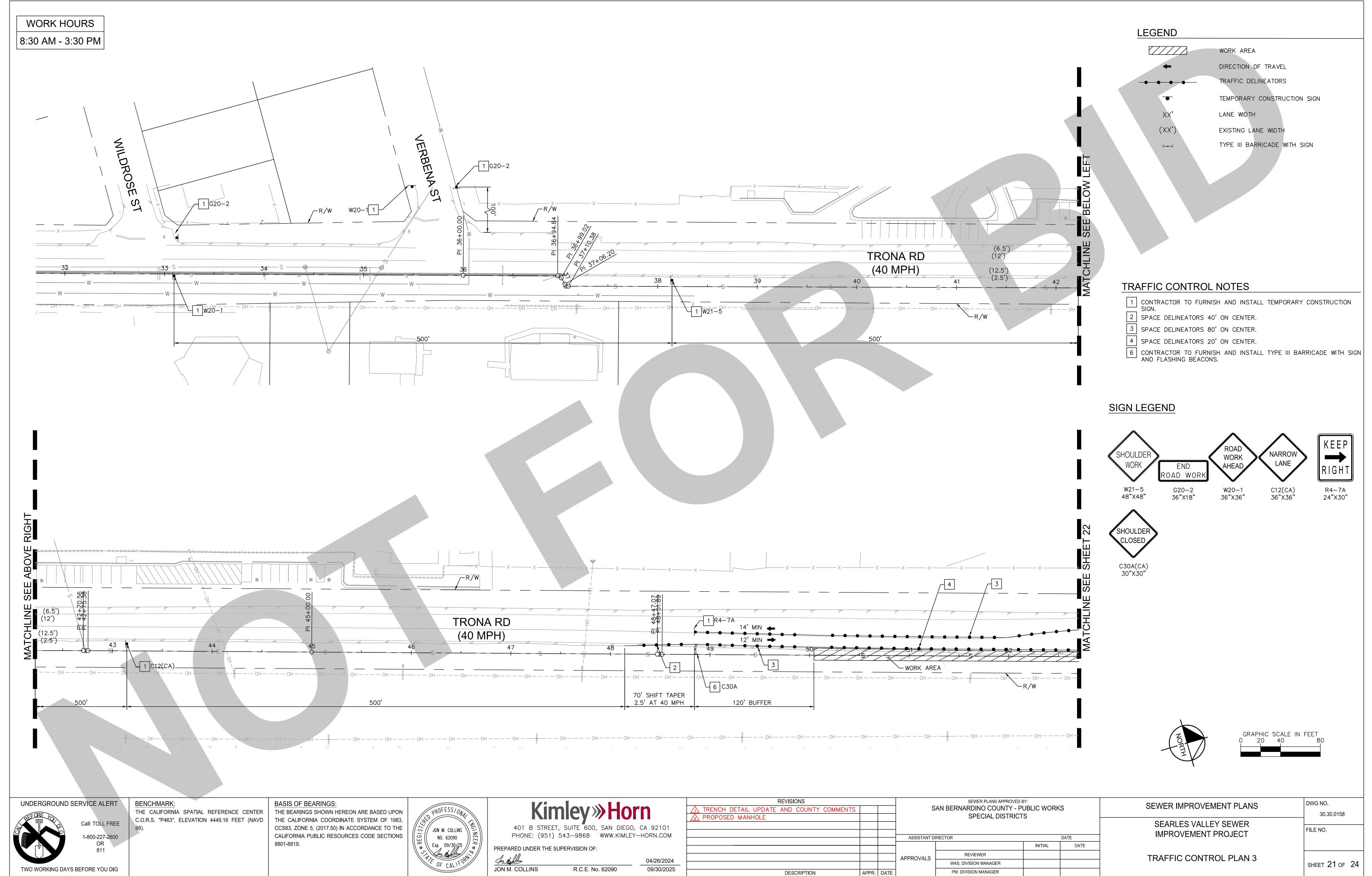
PROPERTY LINE

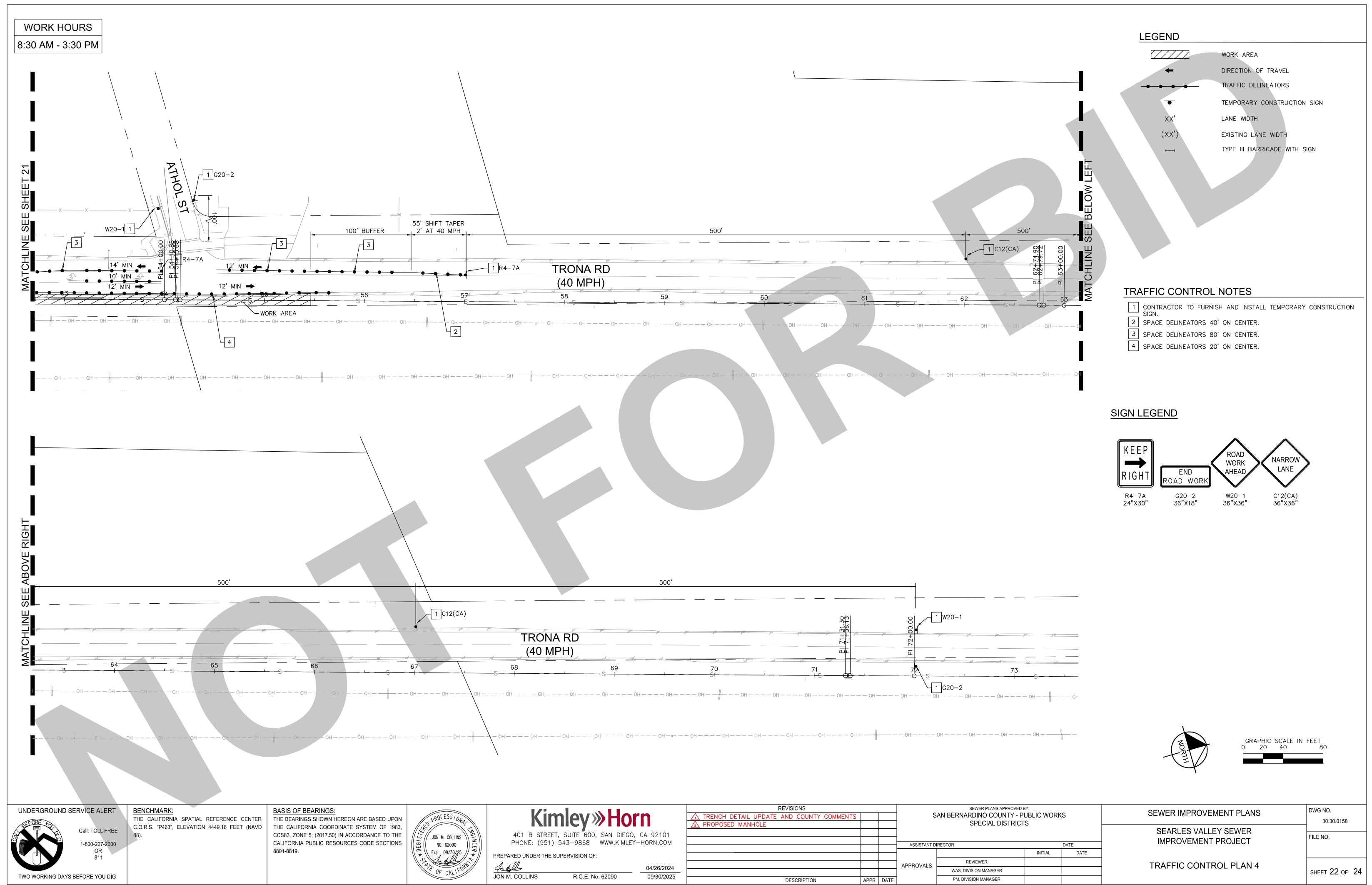
EG: 1642.8 (3) RIM: 1643.3± (5)

INV IN: 1635.76 12" PVC INV OUT: 1635.76 12" PVC





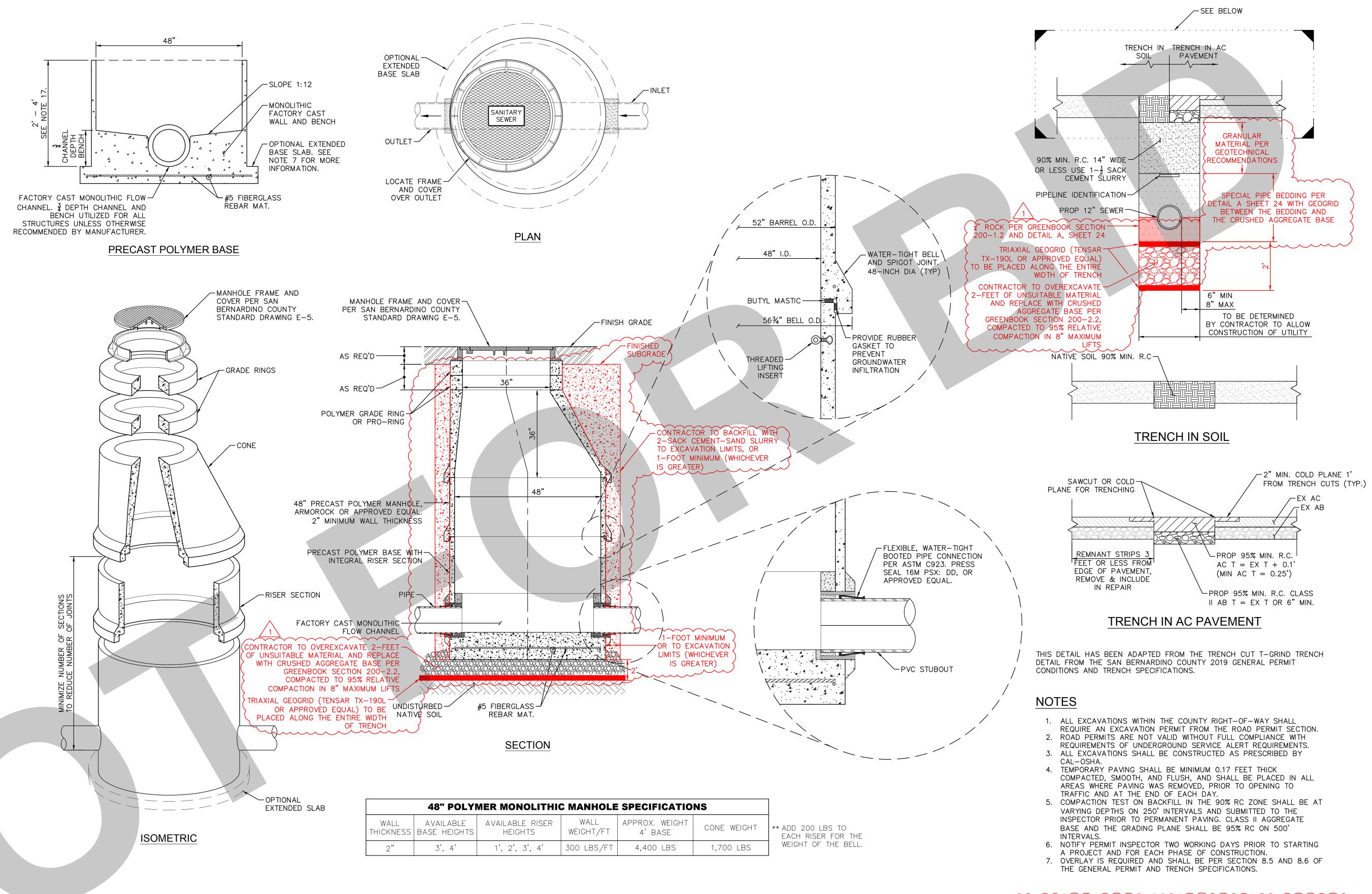


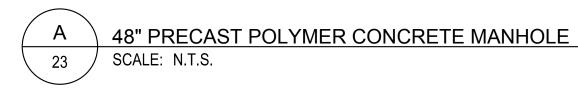


# 4 **UBMITT** AN N

#### **GENERAL NOTES**

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING SEWER AND OTHER UTILITIES, PROPER BACKFILLING, COMPACTING, AND SURFACE RESTORATION.
- 2. MANHOLES AND THEIR BASES SHALL BE PRECAST CIRCULAR POLYMER CONCRETE DESIGNED, FABRICATED AND TESTED TO MEET OR EXCEED THE REQUIREMENTS OF ASTM D6783. POLYMER COMPONENTS SHALL BE A MIXTURE OF UNSATURATED ISOPHTHALIC POLYESTER RESIN, SAND, AND AGGREGATE. NO CEMENTITIOUS OR CALCIUM CARBONATE MATERIALS SHALL BE ALLOWED. ARMOROCK OR APPROVED EQUAL
- 3. JOINTS SHALL BE WATERTIGHT. PROVIDE BUTYL MASTIC AND RUBBER GASKETS FOR BELL AND SPIGOT TYPE MANHOLE JOINTS (72-IN DIA. OR SMALLER). BUTYL MATSIC SHALL BE CONSEAL CS-102 OR APPROVED EQUAL. RUBBER GASKETS SHALL BE HK TYLOX SOC PROFILE GASKETS OR APPROVED EQUAL.
- 4. THE CONTRACTOR SHALL BE A LICENSED OR CERTIFIED INSTALLER BY THE MANUFACTURER OF THE MANHOLE PROVIDED. CONTRACTOR MUST SUBMIT A LETTER PREPARED BY THE MANUFACTURER ATTESTING THAT THE INSTALLER IS QUALIFIED AND APPROVED TO INSTALL THEIR PRODUCT.
- 5. PRECAST BENCH AND CHANNEL SHALL BE SHAPED TO FORM A SMOOTH FLOW SURFACE.
- 6. MANHOLE/PIPE CONNECTIONS MUST BE WATER-TIGHT. PROVIDE FLEXIBLE, BOOTED PIPE CONNECTIONS PER ASTM
- 7. IN AREAS WHERE FLOATATION OR BUOYANT CONDITIONS EXIST, PROVIDE ANTI-FLOATATION RINGS FULLY ENCASED IN A CONCRETE PAD OF SUFFICIENT SIZE AND THICKNESS TO PREVENT FLOATATION. SIZE SHALL BE BASED ON GROUNDWATER TO GRADE. BUOYANT CONDITIONS AND ANTI-FLOATATION RINGS ARE NOT ANTICIPATED IF THE GROUNDWATER IS 6 FEET BELOW GRADE OR GREATER HOWEVER, SITE SPECIFIC GROUNDWATER AND GEOTECHNICAL CONDITIONS ARE STILL BEING EVALUATED. IF GROUNDWATER IS DETERMINED TO BE AT A HIGHER ELEVATION, A SLAB EXTENSION MAY BE NEEDED.
- 8. WHERE USED, CONCRETE SHALL BE TYPE II/V PORTLAND CEMENT PER ASTM C150 WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI PER ASTM C39. NO ADDITIVES SHALL BE PERMITTED WITHOUT PRIOR APPROVAL BY THE DISTRICT. CONCRETE SHALL BE PROVIDED IN A SINGLE MONOLITHIC POUR.
- 9. MANHOLE BASE SHALL BE PRECAST POLYMER. PRECAST CONCRETE SHALL NOT BE ALLOWED.
- 10. CONCRETE SHALL BE TYPE II/V PORTLAND CEMENT PER ASTM C150 WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI PER ASTM C39. NO ADDITIVES SHALL BE PERMITTED WITHOUT PRIOR APPROVAL BY THE DISTRICT ENCASEMENT SHALL BE CAST IN A SINGLE POUR.
- 11. IN AREAS WHERE FLOATATION OR BUOYANT CONDITIONS EXIST, PROVIDE ANTI-FLOATATION RINGS FULLY ENCASED IN A CONCRETE PAD OF SUFFICIENT SIZE AND THICKNESS TO PREVENT FLOATATION. SIZE SHALL BE BASED ON GROUNDWATER TO GRADE.
- 12. COVERS SHALL BE DIAMOND TREAD FINISH AND SHALL BE PROVIDED WITH A LIFTING RECEPTACLE PER SAN BERNARDINO COUNTY STANDARD DRAWING E-5. SEE DETAIL B, SHEET 24.
- 13. ALL FRAMES AND COVERS SHALL BE MACHINED TO FIT.
- 14. THE NAMEPLATE ON ALL SEWER MANHOLES SHALL READ "SANITARY SEWER".
- 15. MANHOLE FRAMES AND COVERS SHALL BE DRILLED TO MATCH. COVERS SHALL BE COUNTER BORED TO ACCEPT STANDARD SOCKET WRENCH AND PERMIT BOLT HEADS TO BE FLUSH WITH COVER.
- 16. ALL CASTINGS SHALL BE OF TOUGH GRAY IRON, FREE FROM CRACKS AND SWELLS, AND CONFORMING TO ASTM W 48, CLASS 30 STANDARDS.
- 17. STANDARD MANHOLE BASE HEIGHTS ARE 3 AND 4 FEET. HOWEVER, MANUFACTURER INDICATED A 2 FOOT BASE IS AVAILABLE FOR SHALLOW MANHOLES THAT NEED A BASE SHORTER THAN 3 FEET.





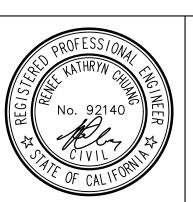




TWO WORKING DAYS BEFORE YOU DIG

Call: TOLL FREE 1-800-227-2600 OR

BENCHMARK: THE CALIFORNIA SPATIAL REFERENCE CENTER C.O.R.S. "P463", ELEVATION 4449.16 FEET (NAVD BASIS OF BEARINGS: THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2017.50) IN ACCORDANCE TO THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819.



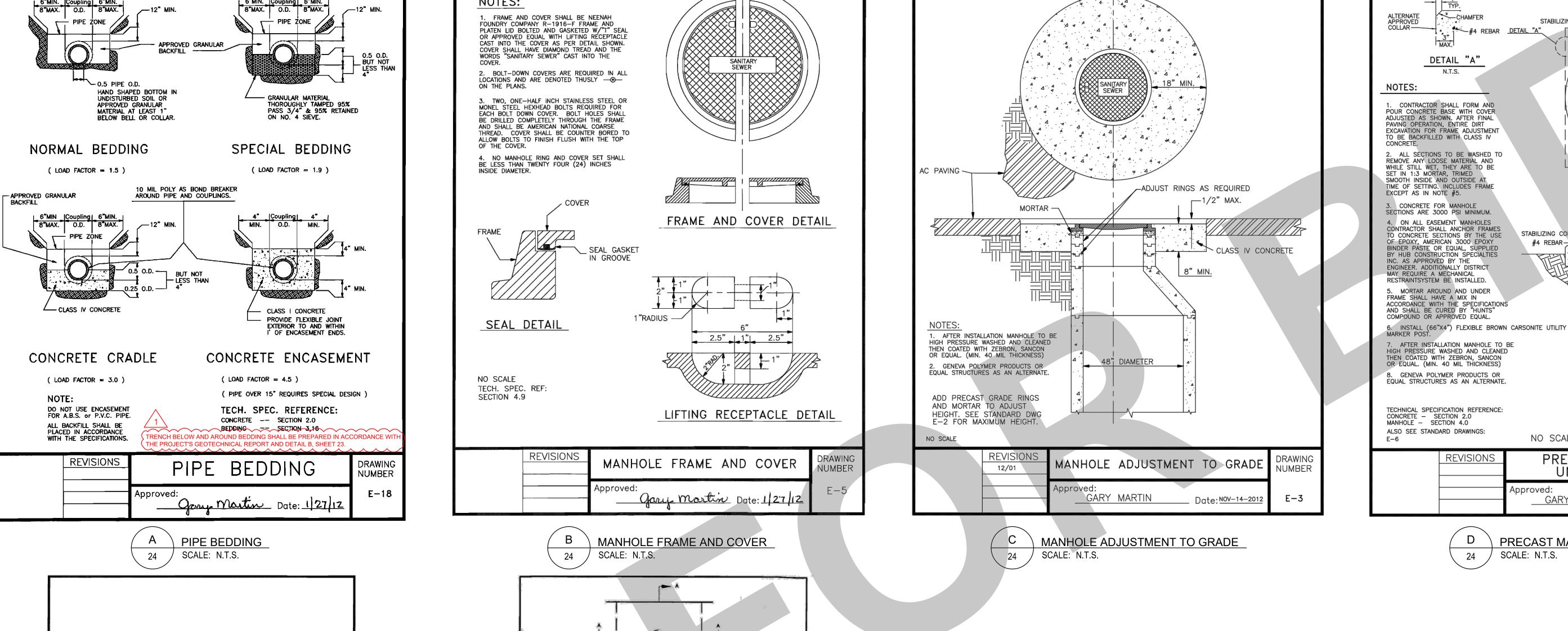
| Visalov W Horn                                                                         |  |
|----------------------------------------------------------------------------------------|--|
| Kimley» Horn                                                                           |  |
| 401 B STREET, SUITE 600, SAN DIEGO, CA 92101 PHONE: (951) 543-9868 WWW.KIMLEY-HORN.COM |  |
| EPARED UNDER THE SUPERVISION OF:                                                       |  |
| 04/26/2024                                                                             |  |

R.C.E. No. 92140 EXP 03/31/2025

RENEE KATHRYN CHUANG

| REVISIONS                                  |       |      |             | SEWER PLANS APP       |
|--------------------------------------------|-------|------|-------------|-----------------------|
| ⚠ TRENCH DETAIL UPDATE AND COUNTY COMMENTS |       |      | S           | AN BERNARDINO COUN    |
| PROPOSED MANHOLE                           |       |      |             | SPECIAL DIS           |
|                                            |       |      |             |                       |
|                                            |       |      |             |                       |
|                                            |       |      | ASSISTANT D | IRECTOR               |
|                                            |       |      |             |                       |
|                                            |       |      | APPROVALS   | REVIEWER              |
|                                            |       |      | ALTROVALO   | WAS, DIVISION MANAGER |
| DESCRIPTION                                | APPR. | DATE |             | PM, DIVISION MANAGER  |

| SEWER PLANS APPROVED BY: SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS — |                       |         | S    | SEWER IMPROVEMENT PLANS | DWG NO.<br>30.30.0158 |  |
|-----------------------------------------------------------------------------------|-----------------------|---------|------|-------------------------|-----------------------|--|
|                                                                                   |                       |         |      | SEARLES VALLEY SEWER    |                       |  |
|                                                                                   |                       |         |      |                         | FILE NO.              |  |
| TANT DIRECTOR                                                                     |                       |         | DATE | IMPROVEMENT PROJECT     |                       |  |
| ALS                                                                               |                       | INITIAL | DATE |                         |                       |  |
|                                                                                   | REVIEWER              |         |      | DETAILS                 |                       |  |
| ALO                                                                               | WAS, DIVISION MANAGER |         |      | DETAILS                 | SHEET 23 OF 24        |  |
|                                                                                   | PM, DIVISION MANAGER  |         |      |                         |                       |  |



PRECAST MANHOLE UNPAVED AREA SCALE: N.T.S.

GARY MARTIN

PRECAST MANHOLE

UNPAVED AREA

\_\_#4 REBAR

SEWER

—ALTERNATE APPROVED COLLAR

- 48 INCH DIA.

SECTION

\_\_\_ Date: <u>NOV/14/12</u>

SEE NOTE #6

—SEE NOTE #5 "MORTAR"

\_\_6" MIN.

DRAWING

NUMBER

\_\_TOP OF GRADE

STABILIZING COLLAR-

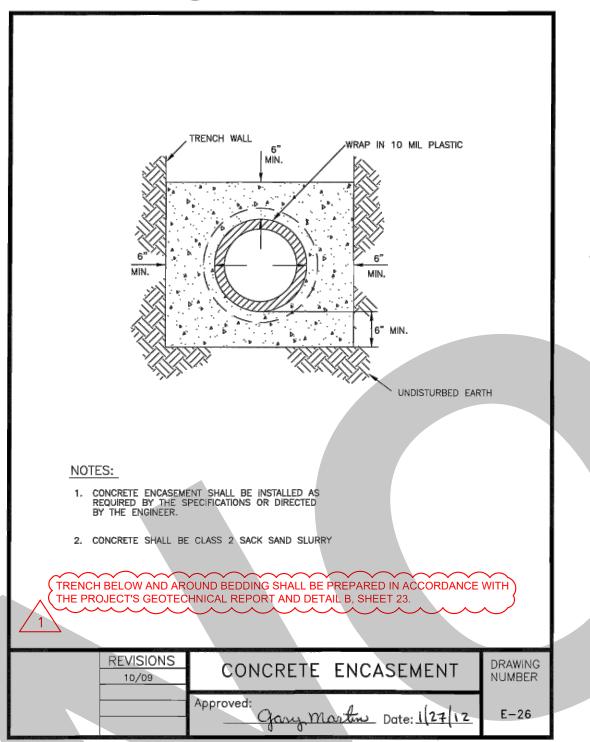
STABILIZING COLLAR-

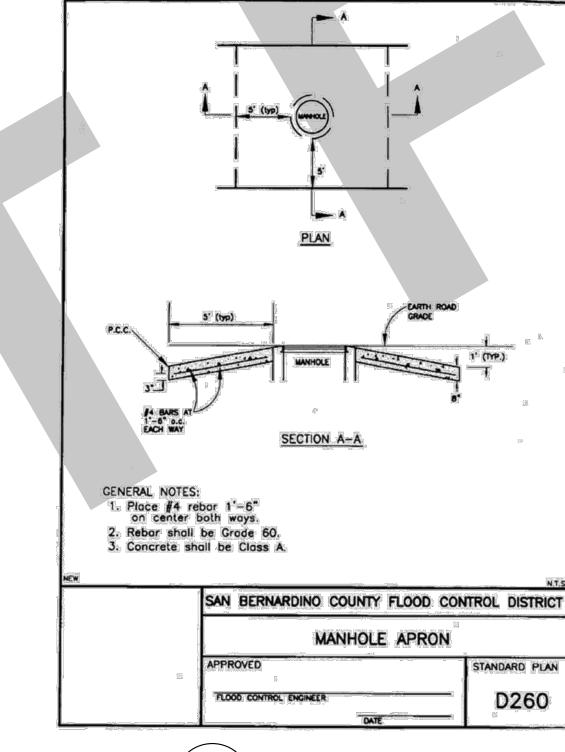
#4 REBAR

NO SCALE

Approved:

NOTE: FOR UNTRAVELED AREAS ONLY.
FOR UNPAVED ROADS COLLAR TO BE AT GRADE.





MANHOLE APRON

RENEE KATHRYN CHUANG

SCALE: N.T.S.

SAN BERNARDINO STANDARD DETAILS INCLUDED FOR REFERENCE ONLY.

UNDERGROUND SERVICE ALERT Call: TOLL FREE OR 811

TWO WORKING DAYS BEFORE YOU DIG

THE CALIFORNIA SPATIAL REFERENCE CENTER C.O.R.S. "P463", ELEVATION 4449.16 FEET (NAVD

CONCRETE ENCASEMENT

SCALE: N.T.S.

BASIS OF BEARINGS: THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2017.50) IN ACCORDANCE TO THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819.

24

401 B STREET, SUITE 600, SAN DIEGO, CA 92101 PHONE: (951) 543-9868 WWW.KIMLEY-HORN.COM PREPARED UNDER THE SUPERVISION OF: 04/26/2024

R.C.E. No. 92140 EXP 03/31/2025

|   | 1 IRENCH DETAIL UPDATE AND COUNTY COMMENTS |       |      |          |
|---|--------------------------------------------|-------|------|----------|
|   | PROPOSED MANHOLE                           |       |      |          |
|   |                                            |       |      |          |
|   |                                            |       |      | ASSISTAN |
|   |                                            |       |      | ASSISTAN |
|   |                                            |       |      |          |
|   |                                            |       |      | APPROVAL |
|   |                                            |       |      |          |
|   | DESCRIPTION                                | APPR. | DATE |          |
| Τ |                                            |       |      |          |

REVISIONS

| SEWER PLANS APPROVED BY: SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS |                       |         |      |                                          |                |  |
|---------------------------------------------------------------------------------|-----------------------|---------|------|------------------------------------------|----------------|--|
|                                                                                 |                       |         |      | SEARLES VALLEY SEWER IMPROVEMENT PROJECT | FILE NO.       |  |
| SSISTANT DIRECTOR DATE                                                          |                       |         | DATE |                                          |                |  |
|                                                                                 |                       | INITIAL | DATE |                                          |                |  |
| ROVALS                                                                          | REVIEWER              |         |      | DETAILS - 2                              |                |  |
|                                                                                 | WAS, DIVISION MANAGER |         |      | DETAILS - Z                              | SHEET 24 OF 24 |  |
|                                                                                 | PM, DIVISION MANAGER  |         |      |                                          |                |  |

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