

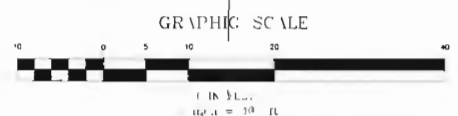
E:\Project\24-707\_Clearlake 36th Ave Eng\m\p\36-24-707\_Improvement\Drawings\24-707\_Improvement\Drawings.dwg, 17, 2024.08.14, User

MATCH LINE - SEE ABOVE

	<b>DATE:</b> 09-12-2024 <b>SCALE:</b> 1"=10' <b>DRAWN BY:</b> DDI <b>DESIGNED BY:</b> DDI <b>CHECKED BY:</b> DLS	<b>NO.</b> _____ <b>DATE</b> _____ <b>DESCRIPTION</b> _____
<b>CALIFORNIA ENGINEERING COMPANY, INC.</b> CIVIL ENGINEERING LAND SURVEYING FUNDING PROGRAM CONSTRUCTION ADMINISTRATION www.cecausa.net 1110 Civic Center Blvd., Suite 404   Yuba City, CA 95993   (530) 751-0952 Office		
<b>CITY OF CLEARLAKE</b> <b>EXISTING CONDITIONS AND DEMOLITION PLAN</b> <b>36TH AVENUE IMPROVEMENT PLANS</b>		
<b>PROJECT NUMBER</b> 24-707	<b>SHEET 3 OF 11</b>	

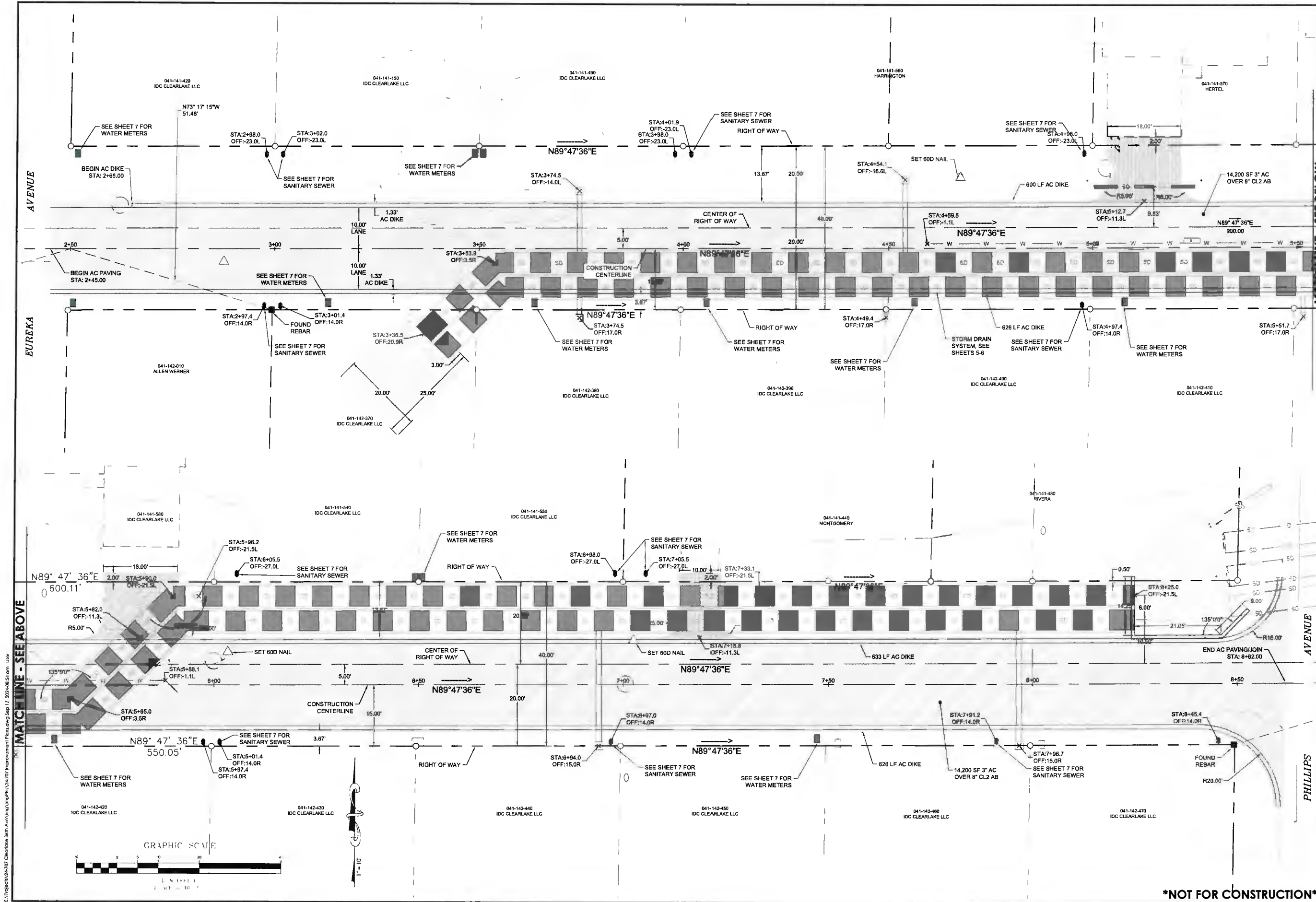
**NOTES:**

1. PROTECT IN-PLACE ALL EXISTING UTILITIES TO REMAIN
2. REMOVE DEBRIS, TRASH, AND OTHER DELETERIOUS MATERIAL FROM EXISTING ROADSIDE DITCHES



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<b>PROJECT NUMBER</b> 24-707		<b>SHEET</b> 4 OF 11	
<b>HORIZONTAL CONTROL PLAN</b> 36TH AVENUE IMPROVEMENT PLANS			
CITY OF CLEARLAKE			
 <b>CALIFORNIA ENGINEERING COMPANY, INC.</b> CIVIL ENGINEERING LAND SURVEYING FUNDING PROCUREMENT CONSTRUCTION ADMINISTRATION www.ceusa.net			
1110 Civic Center Blvd. Suite 404   Yuba City, CA 95995   (530) 751-0952 Office			
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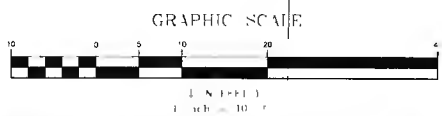
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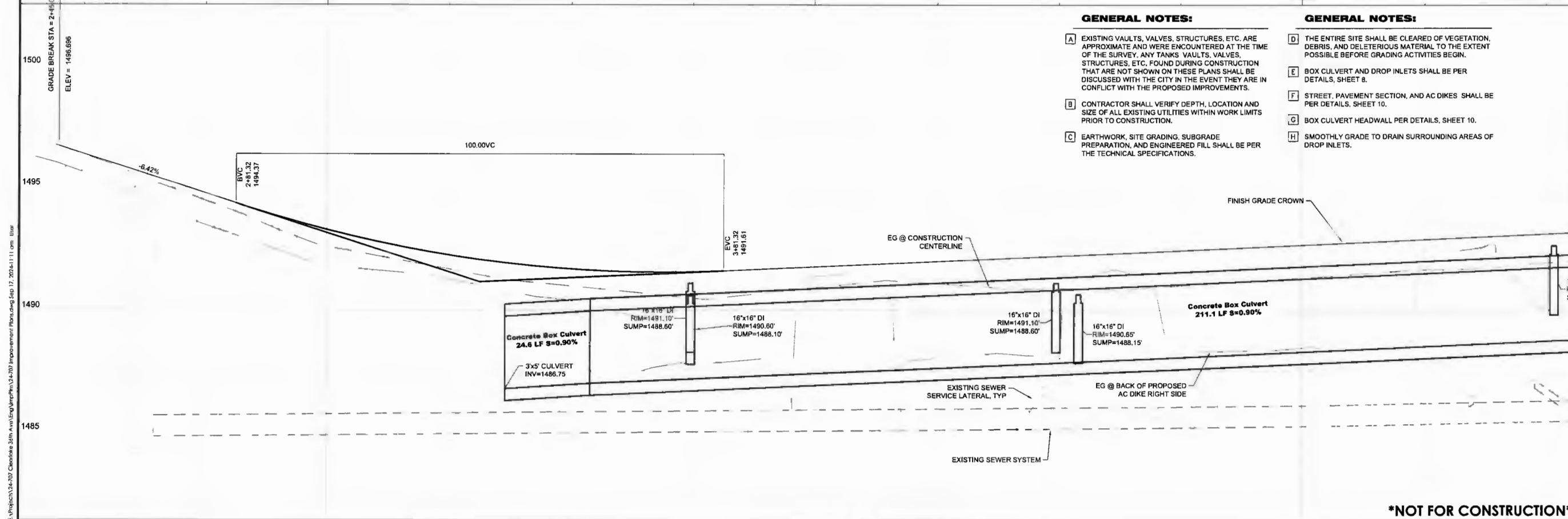
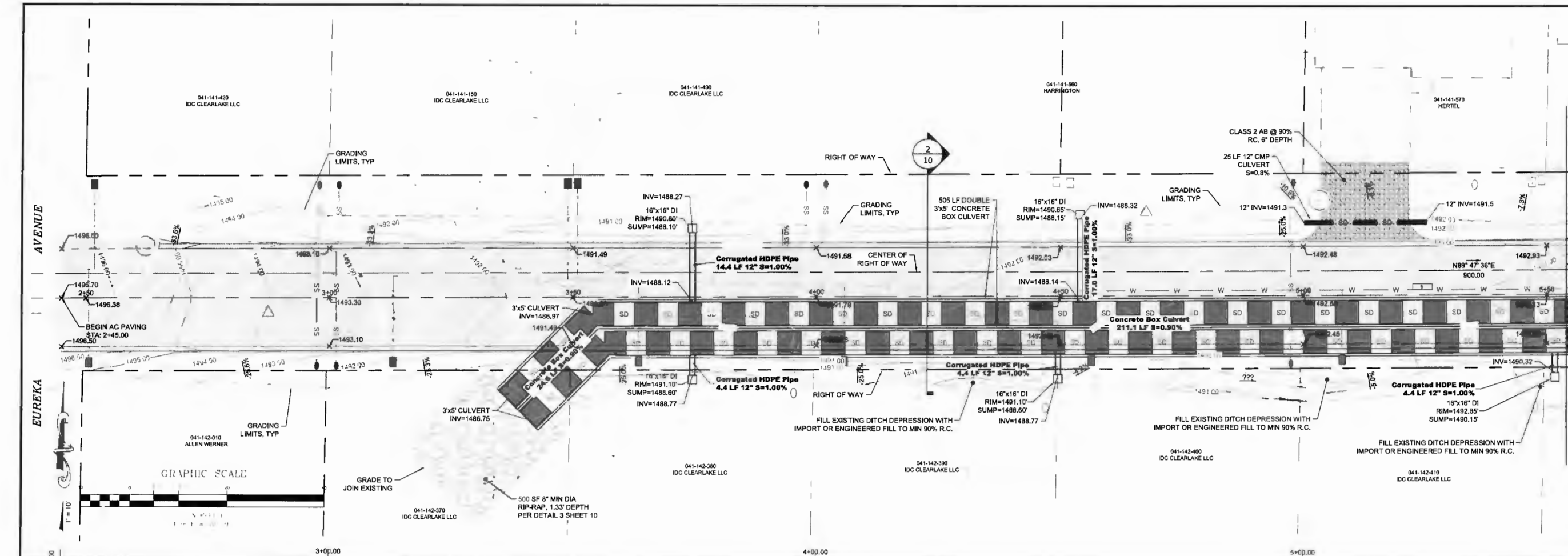
DATE:	09-12-2024
SCALE:	1"=10'
DRAWN BY:	DDI
DESIGNED BY:	DDI
CHECKED BY:	DLS



**PHILLIPS AVENUE**  
**SEE BELOW**  
**SEE ABOVE**

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- A EXISTING VAULTS, VALVES, STRUCTURES, ETC. ARE APPROXIMATE AND WERE ENCOUNTERED AT THE TIME OF THE SURVEY. ANY TANKS, VAULTS, VALVES, STRUCTURES, ETC. FOUND DURING CONSTRUCTION THAT ARE NOT SHOWN ON THESE PLANS SHALL BE DISCUSSED WITH THE CITY IN THE EVENT THEY ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- B CONTRACTOR SHALL VERIFY DEPTH, LOCATION AND SIZE OF ALL EXISTING UTILITIES WITHIN WORK LIMITS PRIOR TO CONSTRUCTION.
- C EARTHWORK, SITE GRADING, SUBGRADE PREPARATION, AND ENGINEERED FILL SHALL BE PER THE TECHNICAL SPECIFICATIONS.

**GENERAL NOTES:**

- D THE ENTIRE SITE SHALL BE CLEARED OF VEGETATION, DEBRIS, AND DELETERIOUS MATERIAL TO THE EXTENT POSSIBLE BEFORE GRADING ACTIVITIES BEGIN.
- E BOX CULVERT AND DROP INLETS SHALL BE PER DETAILS, SHEET 8.
- F STREET, PAVEMENT SECTION, AND AC DIKES SHALL BE PER DETAILS, SHEET 10.
- G BOX CULVERT HEADWALL PER DETAILS, SHEET 10.
- H SMOOTHLY GRADE TO DRAIN SURROUNDING AREAS OF DROP INLETS.

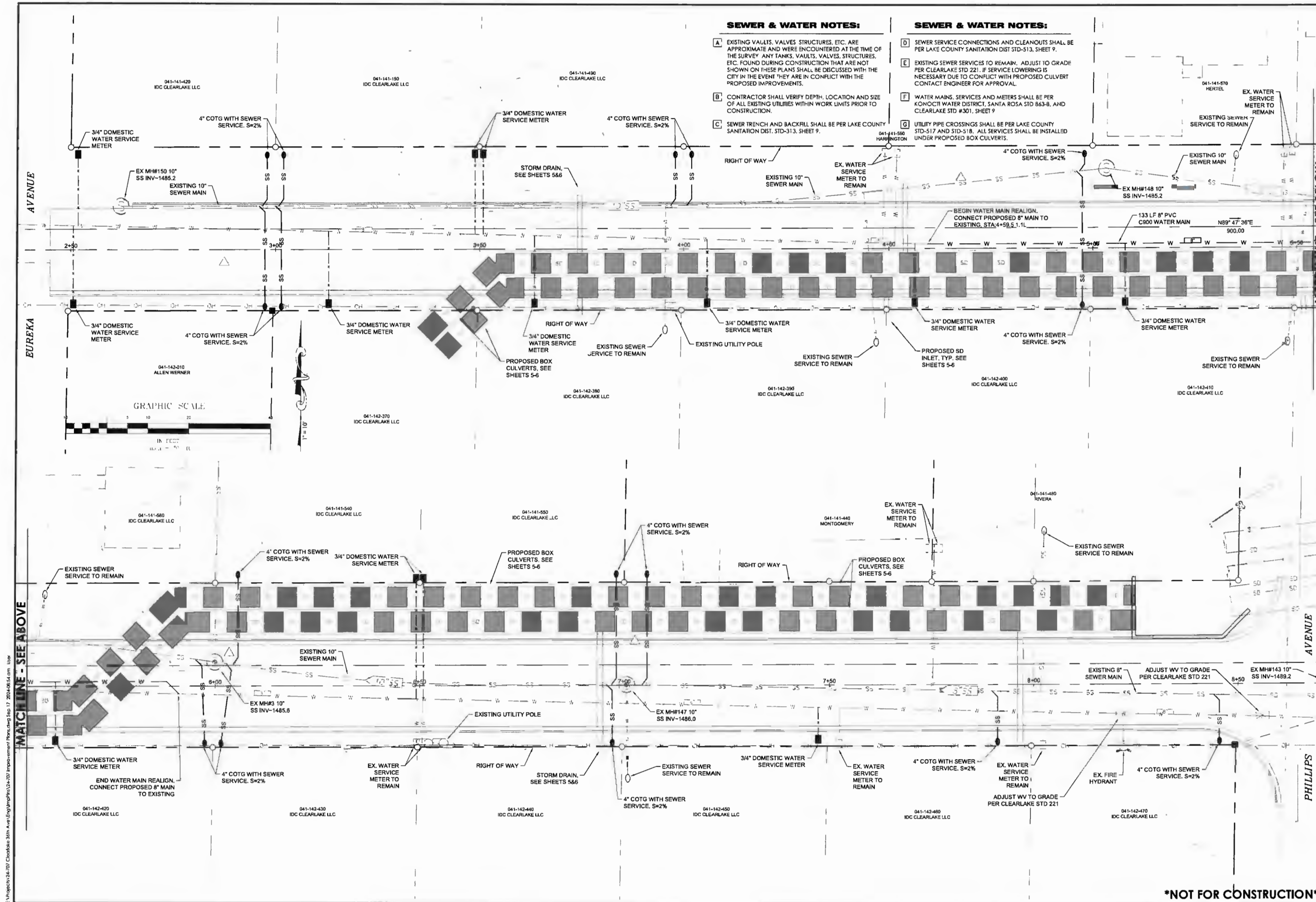
<p>DATE: 09-12-2024          SCALE: 1"=100.00'          DRAWN BY: DJJ          DESIGNED BY: DJJ          CHECKED BY: DLS</p>	<p>NO. DATE          1 09-12-2024          2 10-12-2024          3 11-12-2024          4 12-12-2024          5 01-12-2025          6 02-12-2025          7 03-12-2025          8 04-12-2025          9 05-12-2025          10 06-12-2025          11 07-12-2025          12 08-12-2025          13 09-12-2025          14 10-12-2025          15 11-12-2025          16 12-12-2025          17 01-12-2026          18 02-12-2026          19 03-12-2026          20 04-12-2026          21 05-12-2026          22 06-12-2026          23 07-12-2026          24 08-12-2026          25 09-12-2026          26 10-12-2026          27 11-12-2026          28 12-12-2026          29 01-12-2027          30 02-12-2027          31 03-12-2027          32 04-12-2027          33 05-12-2027          34 06-12-2027          35 07-12-2027          36 08-12-2027          37 09-12-2027          38 10-12-2027          39 11-12-2027          40 12-12-2027          41 01-12-2028          42 02-12-2028          43 03-12-2028          44 04-12-2028          45 05-12-2028          46 06-12-2028          47 07-12-2028          48 08-12-2028          49 09-12-2028          50 10-12-2028          51 11-12-2028          52 12-12-2028          53 01-12-2029          54 02-12-2029          55 03-12-2029          56 04-12-2029          57 05-12-2029          58 06-12-2029          59 07-12-2029          60 08-12-2029          61 09-12-2029          62 10-12-2029          63 11-12-2029          64 12-12-2029          65 01-12-2030          66 02-12-2030          67 03-12-2030          68 04-12-2030          69 05-12-2030          70 06-12-2030          71 07-12-2030          72 08-12-2030          73 09-12-2030          74 10-12-2030          75 11-12-2030          76 12-12-2030          77 01-12-2031          78 02-12-2031          79 03-12-2031          80 04-12-2031          81 05-12-2031          82 06-12-2031          83 07-12-2031          84 08-12-2031          85 09-12-2031          86 10-12-2031          87 11-12-2031          88 12-12-2031          89 01-12-2032          90 02-12-2032          91 03-12-2032          92 04-12-2032          93 05-12-2032          94 06-12-2032          95 07-12-2032          96 08-12-2032          97 09-12-2032          98 10-12-2032          99 11-12-2032          100 12-12-2032</p>
<p><b>CALIFORNIA ENGINEERING AND SURVEYING COMPANY, INC.</b>          1110 Civic Center Blvd., Suite 404   Yuba City, CA 95993   (530) 751-9952 Office          www.cecsusa.net</p>	
<p><b>GRADING PLAN AND PROFILE</b></p>	
<p><b>36TH AVENUE IMPROVEMENT PLANS</b></p>	
<p>PROJECT NUMBER <b>24-707</b></p>	<p>SHEET <b>5 OF 11</b></p>

**\*NOT FOR CONSTRUCTION\***

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**SEWER & WATER NOTES:**

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- B CONTRACTOR SHALL VERIFY DEPTH, LOCATION AND SIZE OF ALL EXISTING UTILITIES WITHIN WORK LIMITS PRIOR TO CONSTRUCTION.
- C SEWER TRENCH AND BACKFILL SHALL BE PER LAKE COUNTY SANITATION DIST. STD-313, SHEET 9.

**SEWER & WATER NOTES:**

- D SEWER SERVICE CONNECTIONS AND CLEANOUTS SHALL BE PER LAKE COUNTY SANITATION DIST STD-513, SHEET 9.
- E EXISTING SEWER SERVICES TO REMAIN. ADJUST TO GRADE PER CLEARLAKE STD 221. IF SERVICE LOWERING IS NECESSARY DUE TO CONFLICT WITH PROPOSED CULVERT CONTACT ENGINEER FOR APPROVAL.
- F WATER MAINS, SERVICES AND METERS SHALL BE PER KONOCTII WATER DISTRICT, SANTA ROSA STD 863-B, AND CLEARLAKE STD #301, SHEET 9.
- G UTILITY PIPE CROSSINGS SHALL BE PER LAKE COUNTY STD-517 AND STD-518. ALL SERVICES SHALL BE INSTALLED UNDER PROPOSED BOX CULVERTS.

NO.	DATE	DESCRIPTION



**CALIFORNIA ENGINEERING COMPANY, INC.**  
 CIVIL ENGINEERING  
 LAND SURVEYING  
 FUNDING PROGRAM  
 CONSTRUCTION ADMINISTRATION  
 www.cecusba.net  
 1110 Civic Center Blvd., Suite 404 | Yuba City, CA 95993 | (530) 751-0952 Office

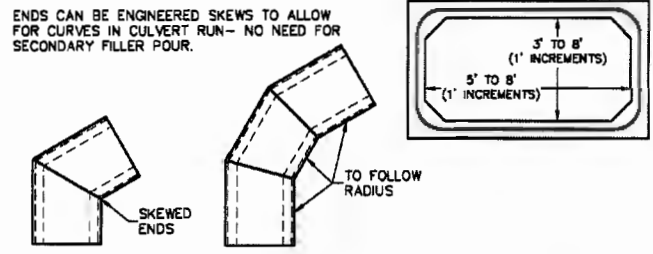
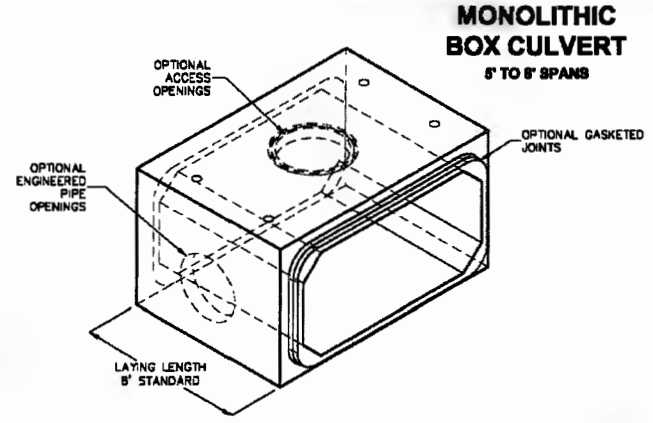
**WATER AND SEWER PLAN**  
 36TH AVENUE IMPROVEMENT PLANS  
 CITY OF CLEARLAKE

PROJECT NUMBER  
**24-707**  
 SHEET **7** OF **11**

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DESIGNS AVAILABLE MEETING ASTM C1577, CALTRANS D83A & D83B, AIRCRAFT, RAIL, AND OTHER LOADING CRITERIA.

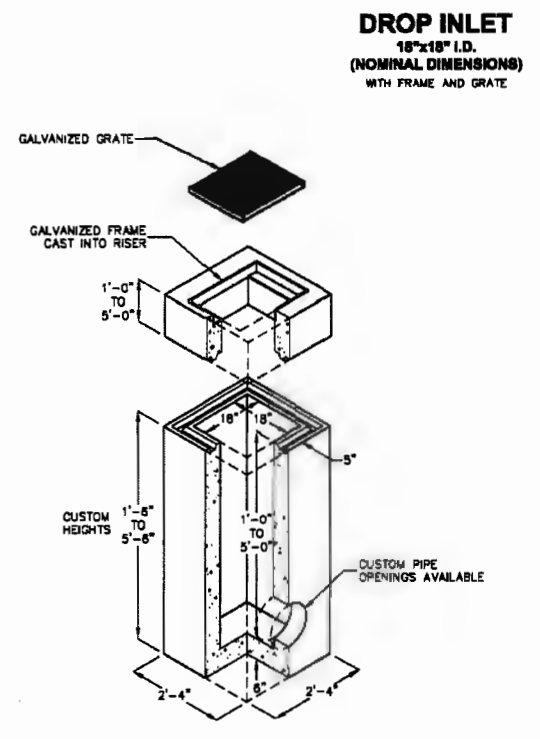
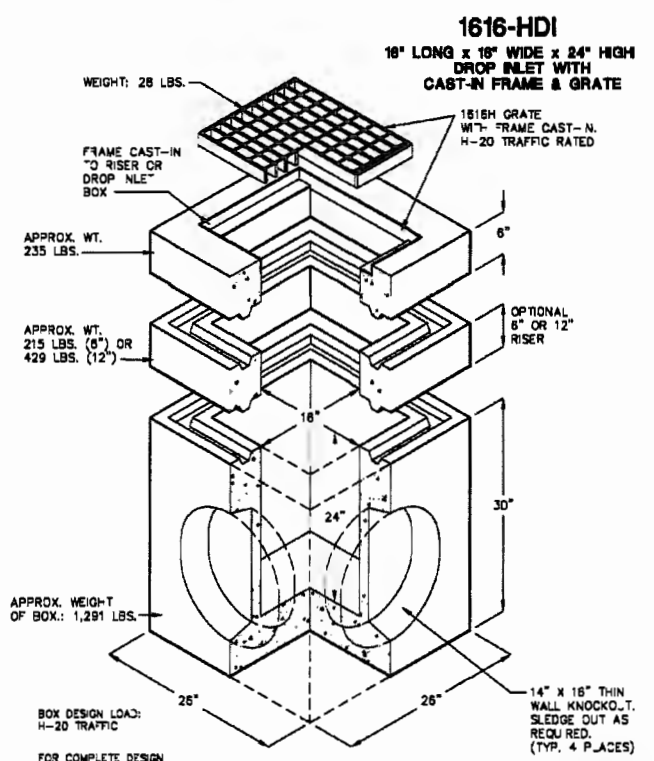
DESIGNS BASED ON SPECIAL LOADING OR DEPTHS OF BURY ARE AVAILABLE ON REQUEST. CUSTOM PIPE HOLES, ACCESS OPENINGS, AND SKEWED SECTIONS ARE AVAILABLE. STANDARD HEIGHTS AVAILABLE IN ONE FOOT INCREMENTS. CUSTOM HEIGHTS ARE AVAILABLE.

FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

Jensen Precast reserves the right to make changes to product design and/or dimensions without notice. Please contact Jensen Precast whenever necessary for confirmation or advice on product design.

1/21/2009  
REVISED PROFILE V1-BALL\_LAND  
EACH

**JENSEN PRECAST** EST. 1968

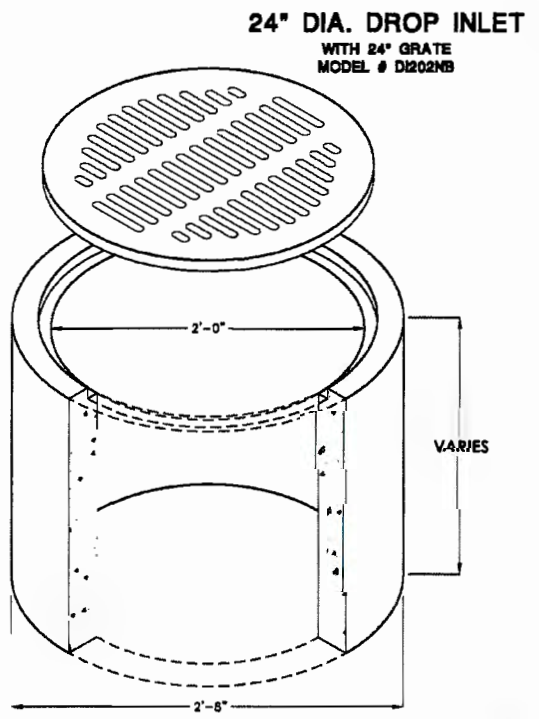


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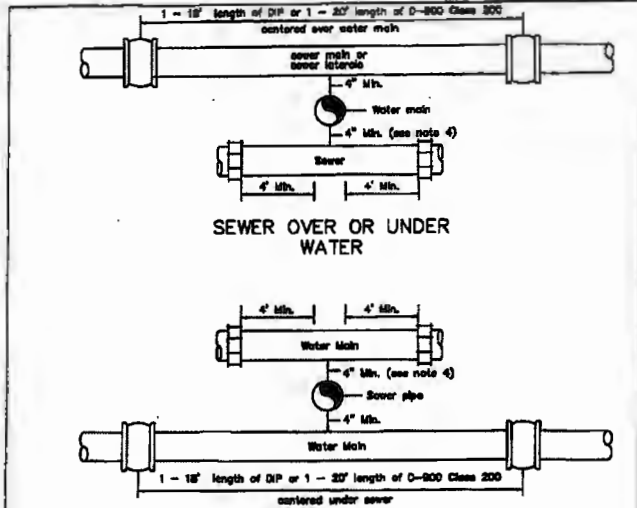
**JENSEN PRECAST**



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- NOTES:**
- All installations shall conform to the State of California Dept. of Health Services "Criteria For The Separation of Water Mains & Sanitary Sewers".
  - This Standard applies to pipes less than 36" in diameter. All crossings of larger diameter shall be as approved by the Administrator.
  - All new ductile iron shall be wrapped in polyethylene.
  - Per State Std. a min. 4" clearance is required where sewer crosses below a water main. Where there is 1" or more vertical clearance, no special installation is required.
  - Any pipe / pipe crossings with less than 4" vertical clearance must be protected with approved, felt separation joint material, or other separative materials between pipes as approved by the Administrator.

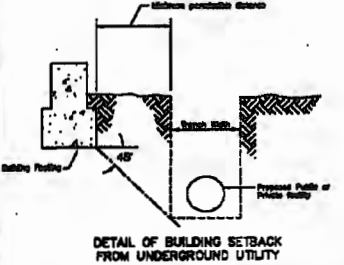
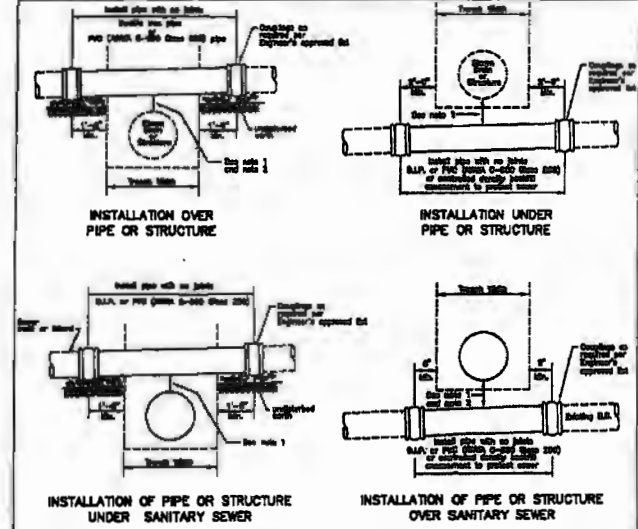
**LAKE COUNTY SPECIAL DISTRICTS**

SEWER-WATER MAIN CROSSING DETAILS

SCALE: NONE DATE: MAY, 2008

APPROVED

REV. 517



**LAKE COUNTY SPECIAL DISTRICTS**

MISCELLANEOUS PIPE INSTALLATION DETAILS

SCALE: NONE DATE: MAY, 2008

APPROVED

REV. 518

\*NOT FOR CONSTRUCTION\*

NO.	DATE	DESCRIPTION
09-12-2004	NONE	DDI
DATE:	SCALE:	DESIGNED BY: DDI
		CHECKED BY: DLS

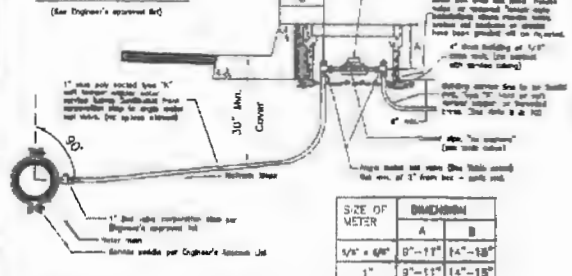
PROJECT NUMBER	24-707
CITY OF CLEARLAKE	STORM DRAIN AND PIPE CROSSING DETAILS
	36TH AVENUE IMPROVEMENT PLANS
SHEET	8 OF 11

CALIFORNIA ENGINEERING COMPANY, INC.	CIVIL ENGINEERING LAND SURVEYING FOUNDING PROCUREMENT CONSTRUCTION ADMINISTRATION www.ceccusa.net
1110 Civic Center Blvd., Suite 404	Yuba City, CA 95993   (530) 751-0862 Office

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**METER BOXES AND COVERS**  
(See Engineer's approval)

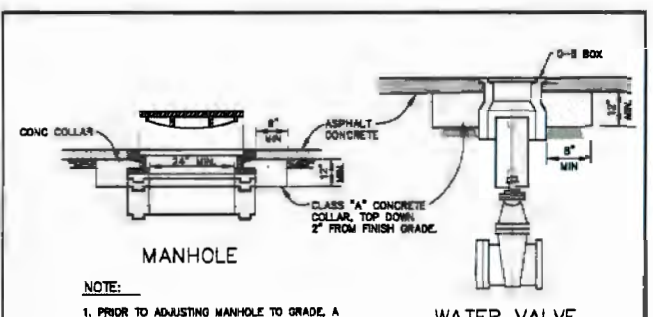


- NOTES**
- No standard steel pipe or steel pipe fittings shall be used unless specifically noted for on the plans or other project documents. Where no specific standard is noted, 1" galvanized steel pipe per City Standard SS-1-A.
  - Bedding materials shall be compacted to a minimum 90% relative compaction prior to laying material.
  - Unless otherwise specified, trench 17" or less shall be a 3/4" x 3/4" water when used for catchment, or a 1" water when used for catchment.
  - Where material having this standard is specifically noted for 17" or less, it shall be installed for both catchment and bedding. If material having this standard is specifically noted for bedding, the Contractor shall report deviation from the Engineer prior to ordering material.
  - For new construction, after having the service street the Contractor shall install a 3/4" x 3/4" PVC sewer riser pipe with a 3/4" x 3/4" PVC cover. The riser pipe shall have 1/2" of space around the pipe at 2' O.C.
  - Water lines shall be set back with surrounding surface.
  - Prior to setting water meter on new development projects, the Water Department requires the service address to be clearly marked on the topography of the project with a permanent sign.
  - If connecting to a building, access and egress shall be provided for 24-hour maintenance between meter and device if existing line to be connected to a sub-surface, see 2-Subsurface Riser.
  - Water service and water lines shall be installed over those existing where possible. Installation in trenches, or systems with traffic flow, shall be approved by the Director of Public Works. There shall be no turning or fitting water service and/or water lines into the street or public right-of-way. The Contractor shall verify the location of all existing water lines, and additional utility to a minimum 36" depth with a 3/4" hole in the pipe.
  - If 1" riser pipe is used for 3/4" x 3/4" meter, Contractor to supply approved 1" x 3/4" riser cap.
  - Other standard items are not indicated on these drawings.

**METER SETTING ASSEMBLY PARTS LIST**

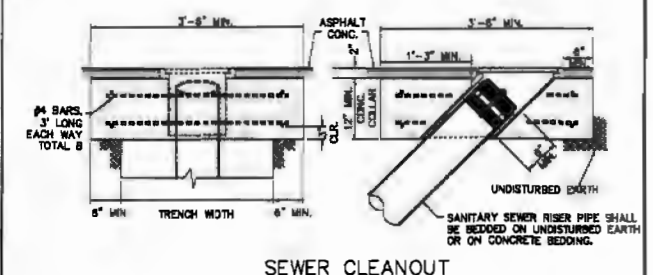
METER SIZE	VALVES	SEWER PIPE
1/2" x 3/4"	1" x 3/4" x 3/4" x 3/4"	3/4" x 3/4" x 3/4"
1"	1" x 1" x 1" x 1"	1" x 1" x 1"

**CITY OF SANTA ROSA**  
1" COPPER  
WATER SERVICE LATERAL  
FOR 3/8" x 3/4" & 1" METERS  
SCALE: NONE / DATE: JUN 2017



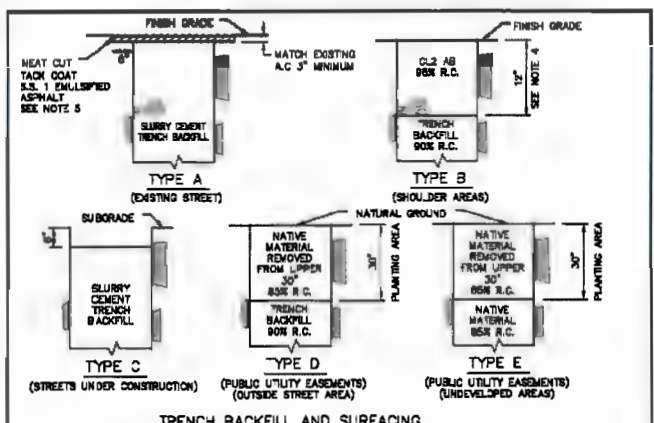
**MANHOLE**  
**WATER VALVE**

**NOTE:**  
1. PRIOR TO ADJUSTING MANHOLE TO GRADE, A CATCHMENT BOX SHALL BE PLACED IN THE MANHOLE OPENING TO PREVENT MATERIAL FROM ENTERING THE SEWER OR STORM DRAIN.

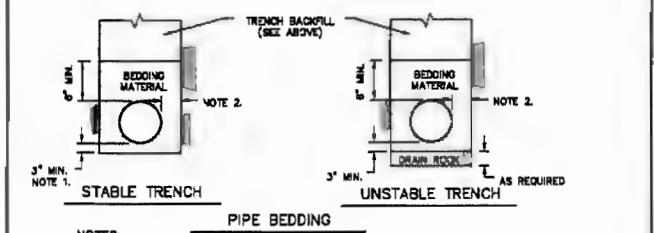


**SEWER CLEANOUT**

**ADJUST TO GRADE EXISTING STREET APURTANCES**  
STD. NO. 221  
SCALE: NONE DRAWN: DRH CHK: PWR APPYD: JLV DATE: JUN. 2012



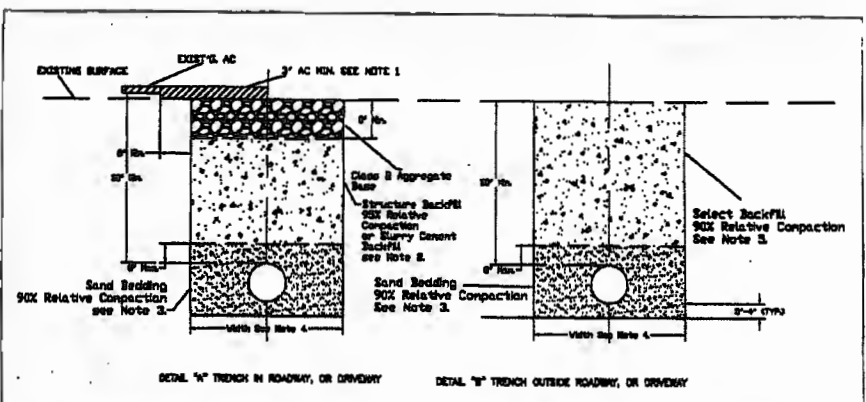
**TRENCH BACKFILL AND SURFACING**



**PIPE BEDDING**

- NOTES:**
- 3/4" PIPE O.D. OR 4" MIN. WHEN EXCAVATION IS IN ROCKY GROUND.
  - PIPE DIAMETER 18" OR LESS: 8" MIN., 9" MAX. PIPE DIAMETER GREATER THAN 18": 9" MIN., 12" MAX.
  - RELATIVE COMPACTION DESIGNATED R.C.
  - THE STREET STRUCTURAL SECTION SHALL BE A MIN. OF 3" A.C. ON 12" A.S. OR MATCH EXISTING PAVEMENT THICKNESS, WHICHEVER IS THICKER OR AS SPECIFIED ON PLANS.
  - NEATLY CUT PAVEMENT SIX INCHES FROM EDGE OF TRENCH AFTER TRENCH IS BACKFILLED.

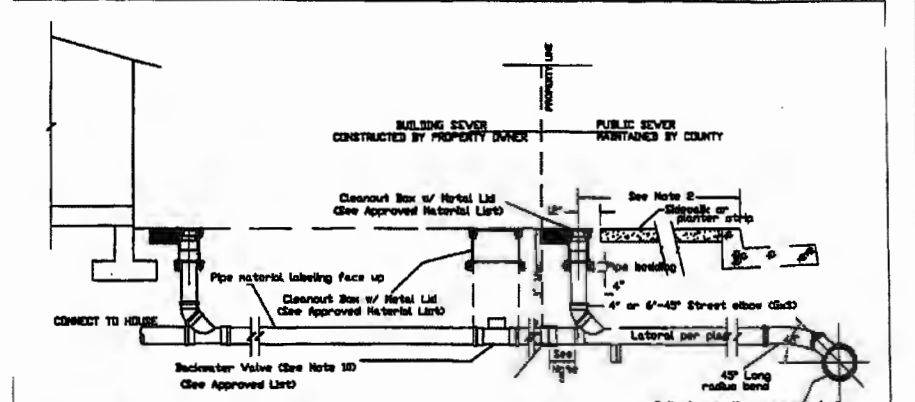
**STANDARD TRENCH DETAIL**  
STD. NO. 301  
SCALE: NONE DRAWN: DRH CHK: PWR APPYD: JLV DATE: JUN. 2012



**DETAIL "A" TRENCH IN ROADWAY, OR DRIVEWAY**  
**DETAIL "B" TRENCH OUTSIDE ROADWAY, OR DRIVEWAY**

- NOTES:**
- AC thickness to match existing or 3" Min. whichever is greater. AC to be placed in lifts not exceeding 8" in thickness. AC to be Type A or B, 1/2" Max. Modulus, per CALTRANS Standard Specifications, latest edition.
  - When slurry cement bedding is used in paving areas, Class B aggregate base may be eliminated.
  - Sand bedding must be leveled and compacted prior to backfilling.
  - If trench width is less than 12", slurry cement backfill shall be used.
  - Select backfill material as approved by Special Districts or Public Works if trenching within Public Right of Way.

**LAKE COUNTY SPECIAL DISTRICTS**  
**STANDARD TRENCH DETAILS**  
SCALE: NONE DATE: JUN 2009  
REVISED FILE NO. STD-313



- NOTES:**
- The sewer service lateral shall be of sufficient depth to adequately serve the building site, and in no case shall be less than 3 ft. deep at the cleanout unless otherwise authorized by Special Districts.
  - Cleanout must be installed within the Public Right of Way or P.U.E. Cleanout to be installed 18" from face of curb or 12" max. behind sidewalk. Where service is in driveway, install cleanout behind apron.
  - In cases where installation conflicts with existing facilities, contractor shall verify alternate location with Special Districts prior to installation.
  - Min. 2% slope for 4" laterals and a min. 1% slope for 6" laterals unless approved by Special Districts.
  - A min. of 12" shall connect to existing sewer lateral or extend to 12" behind P.U.E. or sidewalk for new construction.
  - For new construction, install cap or plug at end of service lateral.
  - Lateral material shall be PVC SDR 35, ABS Schedule 40, or Ductile Iron Pipe.
  - Cleanout components shall be the same size as the lateral.
  - Tap fittings on mains smaller than 12" may be used only under the approval of Special Districts.
  - Backwater Valve and Box shall be installed where the lowest plumbing fixture is less than 1 ft. above the nearest up-grade outside cover, or flushing branch of the sewer. Installation shall be on owners' property, as near as possible to the property line.

**LAKE COUNTY SPECIAL DISTRICTS**  
**4" & 6" SEWER SERVICE LATERAL AND CLEANOUT**  
SCALE: NONE DATE: JUN 2009  
REVISED FILE NO. STD-313

**\*NOT FOR CONSTRUCTION\***

PROJECT NUMBER <b>24-707</b>	CITY OF CLEARLAKE <b>WATER AND SEWER DETAILS</b>	CALIFORNIA ENGINEERING COMPANY INC 1110 Civic Center Blvd., Suite 404   Yuba City, CA 95993   (530) 751-0952 Office www.cecausa.net	DATE: 09-12-2024	NO.:
			SCALE: NONE	DATE:
SHEET 9 OF 11	36TH AVENUE IMPROVEMENT PLANS	CIVIL ENGINEERING LAND SURVEYING C. UNDER PRODUCTION C. UNDER PRODUCTION ADMINISTRATION	DRAWN BY: DDH	DESIGNED BY: DDH
			CHECKED BY: DLS	DLS

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**GENERAL NOTES**

CONTRACTOR SHALL PROVIDE SOIL STABILIZATION AND SEDIMENT CONTROL PRACTICES DURING CONSTRUCTION SCHEDULE CONSTRUCTION WORK TO AVOID EXCESS EXPOSURE DURING RAIN EVENTS. CONSTRUCTION ENTRY SHALL BE PLACED AS NEEDED BY CONTRACTOR. ALL STORM DRAIN INLETS ARE TO BE PROTECTED PRIOR TO GRADING OPERATIONS AND DURING CONSTRUCTION. TEMPORARY FIBER ROLLS SHALL BE PLACED DOWNSLOPE OF DISTURBED AREAS AS NEEDED, AND PER MAXIMUM SHEET FLOW LENGTHS. TEMPORARY ROCK CHECK BAGS ARE TO BE PLACED IN DRAINAGE SWALES OR GUTTERS AS NEEDED TO FILTER RUNOFF.

BMP DETAILS SHOWN ON THIS SHEET SHALL BE FOLLOWED, AT A MINIMUM. WHERE DISCREPANCIES EXIST BETWEEN THESE DETAILS AND CASQA CALIFORNIA STORMWATER BMP HANDBOOK, THE LATTER SHALL GOVERN.

CONCRETE, PAINT, MORTAR, GROUT, ETC. MUST HAVE A DESIGNATED CLEANUP AREA. DUST CONTROL SHALL CONSIST OF APPLYING WATER TO ALLEVIATE OR PREVENT NUISANCE DUST HYDROSEEDING IS TO BE APPLIED TO SLOPES AND BUILDING PAD LOTS FOR STABILIZATION. STREET SWEEPING SHALL OCCUR AT LOCATIONS WHERE TRUCKS AND EQUIPMENT CROSS FROM SOIL-DISTURBED AREAS TO PAVEMENT. CONTRACTOR'S MATERIAL AND EQUIPMENT STORAGE AREA LOCATION TO BE IN AN APPROVED STAGING AREA. SITE INSPECTIONS INCLUDE A MINIMUM OF WEEKLY AND PRE & POST RAIN DURING WET WEATHER.

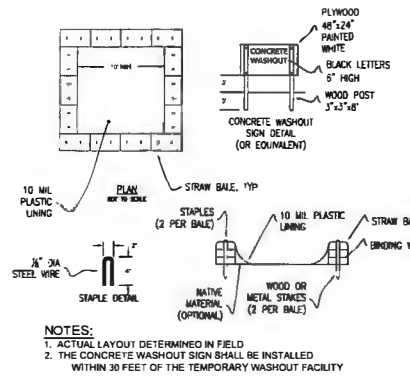
**EROSION CONTROL NOTES**

- CONTRACTOR MUST ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE ONSET OF ANY STORM. CONTRACTOR SHALL HAVE ALL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE FOR THE ENTIRETY OF THE PROJECT. BMPs ARE REQUIRED YEAR-ROUND.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE GOVERNING AGENCY.
- THIS PLAN MAY NOT COVER ALL OF THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE GOVERNING AGENCY.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE AND AFTER ALL STORMS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY. BMPs SHALL BE INSPECTED ON A WEEKLY BASIS.
- CONTRACTOR SHALL MAINTAIN A LOG AT THE SITE OF ALL INSPECTIONS OR MAINTENANCE OF BMPs, AS WELL AS ANY CORRECTIVE CHANGES TO THE BMPs OR EROSION AND SEDIMENT CONTROL PLAN.
- ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS, GUTTERS, AND PUBLIC SIDEWALKS SHALL BE SWEEPED USING STREET SWEEPING OR OTHER DRY SWEEPING METHOD AT THE END OF EACH WORKING DAY.
- ALL GRADING OPERATIONS ON THE PROJECT SHALL BE SUSPENDED AS DIRECTED BY THE LAKE COUNTY AIR QUALITY MANAGEMENT DISTRICT WHEN SUSTAINED WINDS EXCEED 20 MILES PER HOUR OR WHEN WINDS CARRY DUST BEYOND THE PROPERTY LINE DESPITE IMPLEMENTATION OF ALL FEASIBLE DUST CONTROL MEASURES. AN OPERATIONAL WATER TRUCK SHALL BE ON-SITE AT ALL TIMES TO ASSIST IN DUST CONTROL.
- ON-SITE DIRT PILES OR OTHER STOCKPILED PARTICULATE MATTER SHALL BE COVERED. WIND BREAKS INSTALLED, AND WATER AND/OR SOIL STABILIZER EMPLOYED TO REDUCE WIND BLOWN DUST EMISSIONS. INCORPORATE THE USE OF APPROVED NON-TOXIC SOIL STABILIZER TO ALL INACTIVE CONSTRUCTION AREAS.
- TO HELP CONTROL DUST, CONSTRUCTION SITE ACTIVITIES SHALL BE WATERED DOWN DURING THE CONSTRUCTION PHASE OF THE PROJECT OR AS DIRECTED BY THE PUBLIC WORKS DEPARTMENT.
- ON-SITE DEWATERING REQUIRED DISCHARGE INTO SEDIMENT TRAP. WATER SHALL ONLY BE DISCHARGED WHEN IT IS FREE FROM HIGH CONCENTRATIONS OF SUSPENDED PARTICLES.
- CONTRACTOR SHALL PROVIDE DRAIN INLET PROTECTION (GRAVEL BAGS AND FILTER FABRIC OR PROPRIETARY TEMPORARY GEOTEXTILE INSERTS) FOR ALL CATCH BASINS LOCATED IN THE VICINITY OF WORK. THIS INCLUDES ANY CATCH BASINS IN THE PUBLIC RIGHT-OF-WAY, AS WELL AS ANY ON-SITE CATCH BASINS ON PRIVATE PROPERTY.
- CONTRACTOR SHALL ENSURE THAT CONSTRUCTION ACTIVITIES DO NOT DEPOSIT SEDIMENT ONTO THE PUBLIC ROADWAY, SIDEWALKS AND GUTTERS, OR ENVIRONMENTALLY SENSITIVE HABITAT AREAS. ALL SEDIMENT AND CONSTRUCTION DEBRIS MUST BE REMOVED BY THE END OF EACH WORKING DAY.
- CONTRACTOR SHALL SCHEDULE WORK FOR DRY-WEATHER DAYS WHEN NO RAIN IS IN THE IMMEDIATE FORECAST.

CONTRACTOR SHALL PROVIDE DUST CONTROL TO PREVENT THE NUISANCE OF BLOWING DUST WITHOUT CAUSING SEDIMENT, DEBRIS, OR LITTER TO LEAVE THE PROJECT SITE AREA.

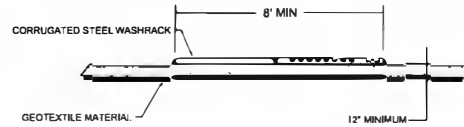
CONTRACTOR SHALL INSTALL ANY OTHER BMPs AS NECESSARY TO CONTROL THE DISCHARGE OF POLLUTANTS FROM THE PROJECT SITE.

CONTRACTOR SHALL INSTALL A STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF GRADING. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE GRADING OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE. THE STABILIZED CONSTRUCTION ENTRANCE SHALL REMAIN IN PLACE UNTIL THE ROAD BASE ROCK COURSE IS COMPLETED.



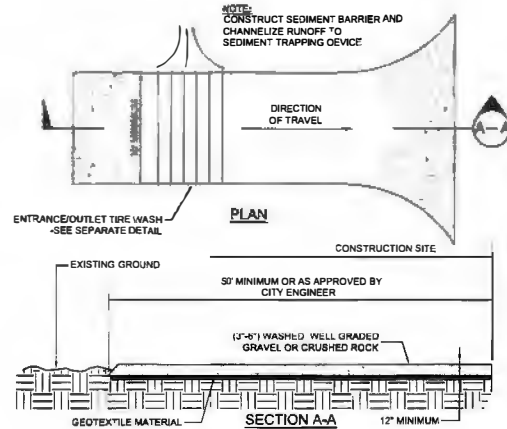
- NOTES:**
- ACTUAL LAYOUT DETERMINED IN FIELD
  - THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY WASHOUT FACILITY

**CONCRETE WASHOUT**  
NOT TO SCALE



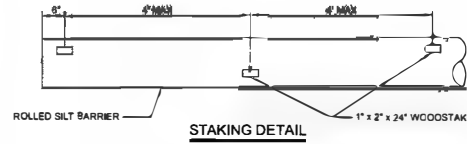
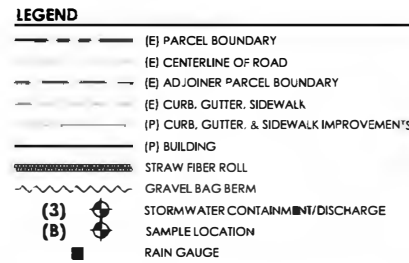
- NOTES:**
- INCORPORATE INTO STABILIZED CONSTRUCTION ENTRANCE
  - SUPPLY OF WATER AND HOSE WITH HIGH PRESSURE NOZZLE MUST BE IN CLOSE PROXIMITY.
  - ENSURE RUNOFF IS CHANNELIZED TO A SEDIMENT TRAPPING DEVICE AND IS NOT ALLOWED TO RUN INTO INTO THE STREET. ENSURE THAT THE STREET DOESN'T BECOME DANGEROUSLY SLICK.

**ENTRANCE/OUTLET TIRE WASH**  
NOT TO SCALE

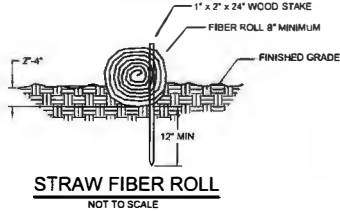


- NOTES:**
- STABILIZED CONSTRUCTION SITE ACCESS SHALL BE CONSTRUCTED OF 12" WASHED, WELL GRADED GRAVEL OR CRUSHED ROCK. MATERIAL SHALL BE PLACED TO A MINIMUM THICKNESS OF 12".
  - LENGTH OF ENTRANCE SHALL BE A MINIMUM OF 50'. WIDTH SHALL BE A MINIMUM OF 10' OR GREATER IF NECESSARY TO COVER ALL VEHICULAR INGRESS AND EGRESS. PROVIDE AMPLE TURNING RADIUS.
  - THE ENTRANCE SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING WITH MATERIAL SPECIFIED IN NOTE 1.
  - ACCESSES SHALL BE INSPECTED WEEKLY DURING PERIODS OF HEAVY USAGE, MONTHLY DURING NORMAL USAGE, AND AFTER EACH RAINFALL. WITH MAINTENANCE PROVIDED AS NECESSARY, PERIODIC TOP DRESSING SHALL BE DONE AS NEEDED.

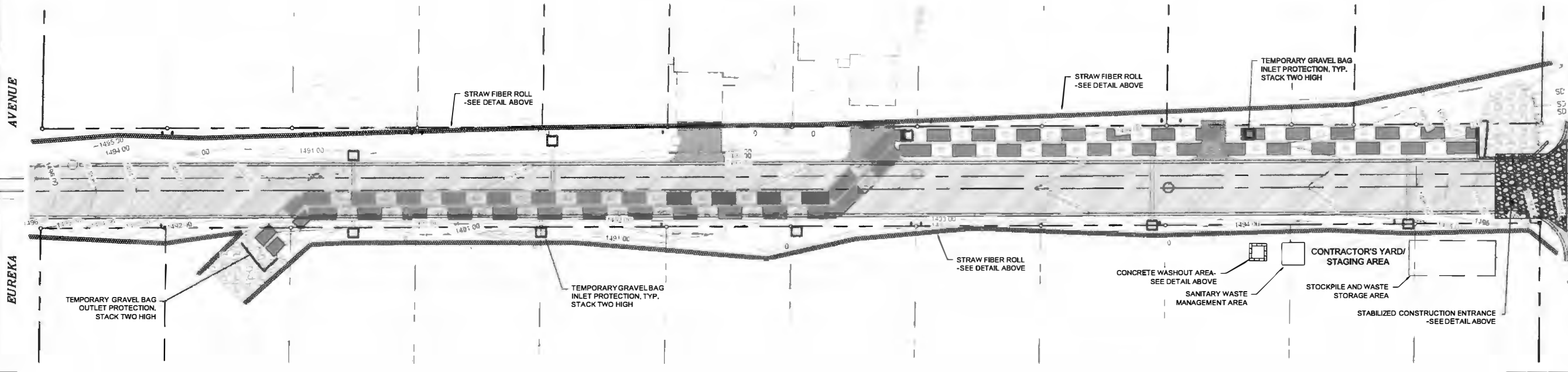
**STABILIZED CONSTRUCTION ENTRANCE**  
NOT TO SCALE



**STAKING DETAIL**  
NOT TO SCALE



**STRAW FIBER ROLL**  
NOT TO SCALE



DATE: 09-12-2024 SCALE: 1"=20' DRAWN BY: DDI DESIGNED BY: DDI CHECKED BY: DLE	NO.	DESCRIPTION
<b>CALIFORNIA ENGINEERING COMPANY INC</b> CIVIL ENGINEERING LAND SURVEYING FUNDING/PROCUREMENT CONSTRUCTION ADMINISTRATION www.cecsaia.net 1110 Civic Center Blvd., Suite 403   Yuba City, CA 95993   (530) 751-0952 Office		
<b>EROSION AND SEDIMENT CONTROL PLAN</b> 36TH AVENUE IMPROVEMENT PLANS CITY OF CLEARLAKE		
PROJECT NUMBER <b>24-707</b>	SHEET <b>11</b> OF <b>11</b>	

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