CITY OF SEASIDE AND CITY OF MARINA, MONTEREY COUNTY, CALIFORNIA

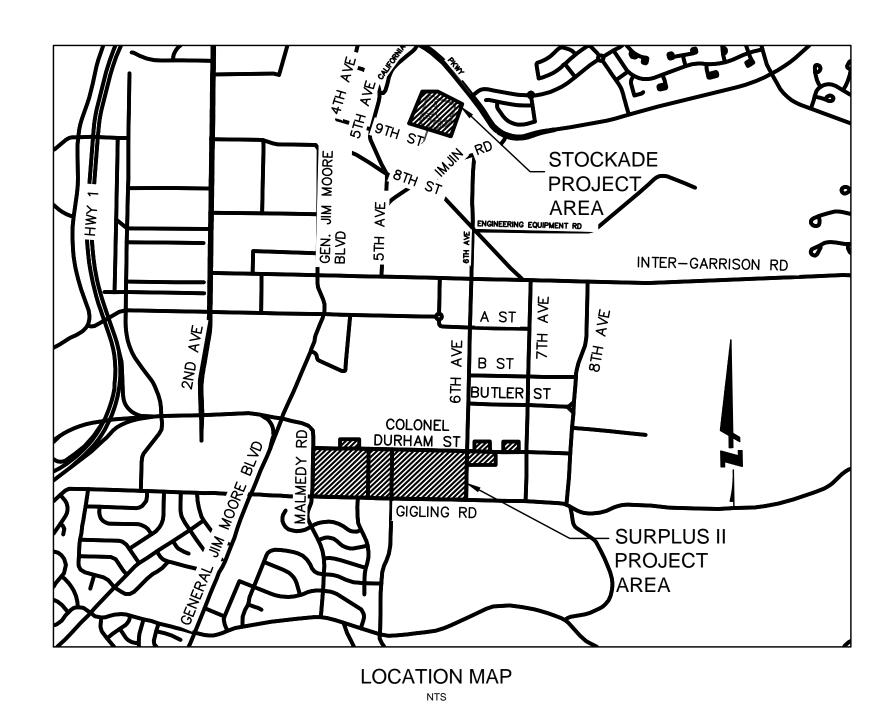
# SHEET INDEX

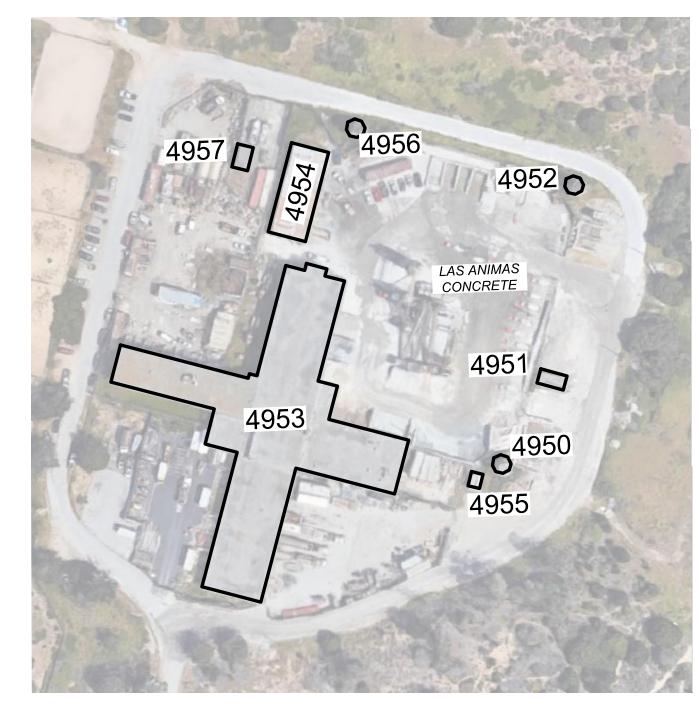
- TITLE SHEET
- SURPLUS II UTILITY ABANDONMENT AND PROTECTION PLAN SANITARY SEWER- WATER-STORM DRAIN 1
- SURPLUS II UTILITY ABANDONMENT AND PROTECTION PLAN SANITARY SEWER- WATER-STORM DRAIN 2
- STOCKADE UTILITY ABANDONMENT AND PROTECTION PLAN
- SURPLUS II- EROSION CONTROL
- STOCKADE- EROSION CONTROL

### **ABBREVIATIONS**

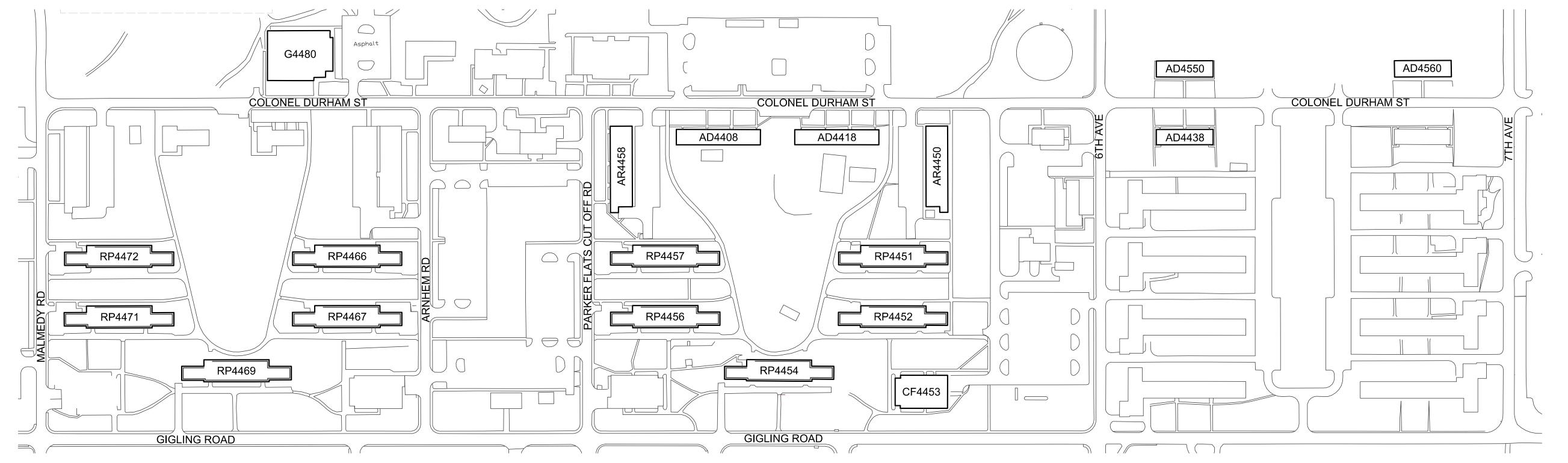
- ASPHALT CONCRETE ADMINISTRATION BUILDING
- ARMORY BUILDING
- ASBESTOS CONTAINING MATERIAL
- CAFETERIA BUILDING CURB AND GUTTER
- **CLEANOUT**
- CONCRETE CUBIC YARD
- ELECTRICAL
- EX (E) **EXISTING** ELECTRICAL MANHOLE
- FORA FORT ORD REUSE AUTHORITY
- GRATE ELEVATION
- INVERT ELEVATION
- JOINT POLE
- MBUAPCD MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
- MINIMUM MIN OVERHEAD
- RIM RIM ELEVATION
- STORM DRAIN CATCH BASIN STORM DRAIN MANHOLE
- SANITARY SEWER
  SANITARY SEWER MANHOLE
  TELEPHONE
  TREE PROTECTION ZONE
  TYPICAL
- SS SSMH TEL TPZ TYP

- WATER WATER VALVE





SITE PLAN: STOCKADE



SITE PLAN: SURPLUS II

ASSOCIATES venue, Suite 103





- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THESE PLANS.
- 2. THE CONTRACTOR SHALL GIVE INSPECTORS, THREE (3) WORKING DAYS ADVANCE NOTICE FOR INSPECTION SERVICES.
- 3. ALL REVISIONS TO THESE PLANS MUST BE REVIEWED AND APPROVED IN WRITING BY THE DESIGN ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED ITEMS, REVISIONS SHALL BE ACCURATELY SHOWN ON REVISED PLANS.
- 4. THE CONTRACTOR SHALL RESTORE ANY PERIMETER CURB(S) AND SIDEWALKS WHICH ARE DAMAGED DUE TO THE CONTRACTOR'S WORK TO THEIR PREVIOUS CONDITION.
- 5. IF TEMPORARY LANE CLOSURES ARE REQUIRED FOR CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN, OBTAIN APPROVAL AND NECESSARY PERMITS FROM FORA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL ALSO PROVIDE FLAGMEN, CONES OR BARRICADES, AS NECESSARY TO CONTROL TRAFFIC AND PREVENT HAZARDOUS CONDITIONS PER CALTRANS STANDARDS.
- 6. EXISTING ROADWAYS SHALL BE MAINTAINED DURING CONSTRUCTION TO THE SATISFACTION OF FORA.
- 7. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED AND SHEATHED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT EXISTING IMPROVEMENTS WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING AND SHEATHING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HE SHALL COMPLETE NECESSARY REPAIRS OR RECONSTRUCTION AT HIS OWN EXPENSE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FIVE (5) FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE SHEATHING, SHORING AND BRACING IN CONFORMANCE WITH THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL COMPLY WITH OSHA REQUIREMENTS AT ALL TIMES.
- 8. THE CONTRACTOR SHALL PROVIDE DUST CONTROL FOR THE ENTIRE PROJECT SITE AT ALL TIMES. THE SITE SHALL BE SPRINKLED AS NECESSARY TO PREVENT DUST NUISANCE. IN THE EVENT THE CONTRACTOR NEGLECTS TO USE ADEQUATE MEASURES TO CONTROL DUST, FORA RESERVES THE RIGHT TO TAKE WHATEVER MEASURES ARE NECESSARY TO CONTROL DUST AND CHARGE THE COST TO THE CONTRACTOR.
- 9. DURING CONSTRUCTION, STREETS SHALL BE CLEANED AS OFTEN AS REQUIRED TO REMOVE ANY ACCUMULATION OF MUD AND DEBRIS RESULTING FROM THIS CONSTRUCTION. IF IMPORT OR EXPORT OF DIRT IS NECESSARY, THE CONTRACTOR SHALL OBTAIN APPROVAL FOR THE HAULING ROUTE(S) FROM CITIES OF SEASIDE AND MARINA. HAULING ROUTE(S) SHALL NOT GO THROUGH CSUMB CAMPUS. CONTRACTOR TO COORDINATE WITH THE CITY OF SEASIDE. THE HAULING ROUTES SHALL BE STRICTLY ADHERED TO BY THE CONTRACTOR AND ALL SUBCONTRACTORS. DIRT HAULING PERMIT REQUIRED.
- 10. SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR SPECIFIED IN THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL NOTIFY FORA'S PROJECT MANAGER, BEFORE PROCEEDING WITH THE WORK IN QUESTION.
- 11. WHEN SPECIFICATIONS OR STANDARDS FROM DIFFERENT AUTHORITIES DIFFER FOR THE SAME SUBJECT MATTER, THE MORE STRINGENT SHALL GOVERN. IF THERE ARE ITEMS THAT CONTRADICT EACH OTHER IN THE BID DOCUMENTS AND THE CONTRACTOR DID NOT CLARIFY PRIOR TO THE BID, THEN THE STRICTER AND/OR BETTER QUALITY, SHALL APPLY.
- 12. UPON SATISFACTORY COMPLETION OF THE WORK, THE ENTIRE WORK SITE SHALL BE CLEANED UP AND LEFT WITH A SMOOTH AND NEATLY GRADED SURFACE FREE OF CONSTRUCTION WASTE AND RUBBISH OF ANY NATURE OR ANYTHING LARGER THAN 3 INCHES BY THE CONTRACTOR. EXCLUDES LANDSCAPING & TREES NOT DESIGNATED FOR REMOVAL.
- 13. CONTRACTOR SHALL COORDINATE WORK WITH MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT (MBUAPCD) PRIOR TO START. ALL WORK SHALL BE DONE IN COMPLIANCE WITH MBUAPCD
- 14. CONSTRUCTION HOURS SHALL BE COORDINATED WITH FORA PRIOR TO THE START OF CONSTRUCTION. DEVIATIONS FROM THIS SCHEDULE WILL REQUIRE APPROVAL IN ADVANCE BY FORA.
- 15. IN ORDER TO MINIMIZE CONSTRUCTION NOISE IMPACTS, ALL ENGINE DRIVEN CONSTRUCTION VEHICLES. EQUIPMENT AND PNEUMATIC TOOLS SHALL BE REQUIRED TO USE EFFECTIVE INTAKE AND EXHAUST MUFFLERS; EQUIPMENT SHALL BE PROPERLY ADJUSTED AND MAINTAINED; ALL CONSTRUCTION EQUIPMENT SHALL BE EQUIPPED WITH MUFFLERS IN ACCORDANCE WITH OSHA STANDARDS CONSISTENT WITH MITIGATION MEASURE NOI-GDP-1 AND NOI-SDP-1 IDENTIFIED IN THE MITIGATION MONITORING PROGRAM. CONTRACTOR SHALL COMPLY WITH CITIES OF SEASIDE AND MARINA NOISE ORDINANCE REQUIREMENTS AT ALL TIMES. ADDITIONALLY, CONTRACTORS SHOULD ACCOUNT FOR 6-WEEKS OF "QUIET TIME" (3-WEEKS PER SEMESTER) DURING FINALS AT THE NEIGHBORING UNIVERSITY DURING WHICH THEY COULD PERFORM "OTHER" ACTIVITIES SUCH AS HAULING AND LOADING.
- 16. THE CONTRACTOR SHALL NOTIFY FORA'S PROJECT MANAGER, IN WRITING, AT LEAST 48 HOURS PRIOR TO COMMENCING WORK OF ALL DIFFERENCES BETWEEN THE FIELD CONDITIONS AND THE DESIGN INDICATED ON THE PLANS. COMMENCEMENT OF THE RELATED WORK SHALL BE SUBJECT TO THE WRITTEN APPROVAL OF FORA BEFORE ALTERED WORK IS STARTED VIA REQUEST FOR INFORMATION OR CHANGE. UNAUTHORIZED WORK WILL BE AT THE CONTRACTOR'S RISK & EXPENSE AND MAY BE REQUIRED TO BE REPAIRED OR REPLACED IF NOT AUTHORIZED BY FORA, AT CONTRACTOR'S EXPENSE.
- 17. THE CONTRACTOR SHALL PROVIDE A QUALIFIED SUPERVISOR ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.
- 18. ALL WORK SHALL CONFORM TO THE APPLICABLE CITY/DISTRICT CODES. SUPERINTENDENCE OF CONSTRUCTION SHALL BE DILIGENTLY PERFORMED BY PERSON(S) AUTHORIZED TO DO SO AT ALL TIMES DURING WORKING HOURS. THE STORING OF GOODS, EQUIPMENT AND/OR MATERIALS ON THE PUBLIC SIDEWALK AND/OR A PUBLIC STREET SHALL NOT BE ALLOWED UNLESS A SPECIAL PERMIT IS ISSUED BY FORA OR FORA'S REPRESENTATIVE.
- 19. THE CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY THE CITIES OF SEASIDE AND MARINA OR WITH OTHER AGENCIES.
- 20. CONTRACTOR TO CONFIRM THAT FORA HAS RECEIVED PERMISSION FROM CSUMB PRIOR TO ACCESSING THEIR PROPERTY FOR WORK IN THE AREA BY BUILDINGS AD4550 AND AD4560.

## **EXISTING CONDITIONS**

- 1. EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS IS BASED ON RECORD DOCUMENTS AND AERIAL PHOTOGRAPHY.
- 2. CONTRACTOR SHALL REVIEW THE PLANS AND SPECIFICATIONS AND CONDUCT FIELD INVESTIGATIONS AS REQUIRED TO VERIFY EXISTING CONDITIONS AT THE PROJECT SITE.

- 3. INFORMATION REGARDING EXISTING SUBSURFACE IMPROVEMENTS AND UTILITIES SHOWN ON THESE PLANS WAS TAKEN FROM RECORD DATA KNOWN TO THE DESIGN ENGINEER AND IS NOT MEANT TO BE A FULL CATALOG OF EXISTING CONDITIONS. CONTRACTOR SHALL CONDUCT FIELD INVESTIGATIONS AS REQUIRED TO VERIFY THE LOCATION, SIZE, AND ELEVATION OF ALL EXISTING SUBSURFACE IMPROVEMENTS AND UTILITIES (WHETHER SHOWN ON THESE PLANS OR NOT) PRIOR TO THE COMMENCEMENT OF WORK. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS IN THE FIELD AND INFORMATION SHOWN ON THESE PLANS.
- 4. ELEVATIONS AND LOCATIONS OF ALL EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO START OF ANY CONSTRUCTION AFFECTING SAID LINES.
- 5. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION OR GRADING WORK.
- 6. IF THE CONTRACTOR FAILS TO INVESTIGATE KNOWN OR UNKNOWN EXISTING SUBSURFACE IMPROVEMENTS PRIOR TO ANY CONSTRUCTION ACTIVITIES AND UNFORESEEN CONDITIONS ARISE, ALL COSTS AND SCHEDULE IMPACTS WILL BE BORNE BY THE CONTRACTOR.

#### III. UTILITIES

1. CONTRACTOR SHALL MAKE ARRANGEMENTS AT LEAST THREE (3) WORKING DAYS IN ADVANCE WITH APPROPRIATE UTILITY COMPANIES PRIOR TO ANY DISCONNECTION, ABANDONMENT OF, OR WORK WITH THE LINES AND APPURTENANT STRUCTURES OF THE UTILITIES LISTED BELOW:

- CITY OF SEASIDE, CITY OF MARINA SANITARY SEWER — MCWD WATER — MCWD ELECTRICAL PG&E **TELEPHONE** – AT&T

PG&E

- 2. BEFORE DISCONNECTING UTILITY SERVICE TO ANY ESTABLISHMENT, CONTRACTOR SHALL GIVE A MINIMUM SEVEN (7) DAYS OF ADVANCE NOTICE TO ESTABLISHMENT IN WRITING BEFORE THEIR UTILITY IS SHUT DOWN. MAKE ARRANGEMENTS WITH THOSE ESTABLISHMENTS FOR A SCHEDULED SHUT DOWN AND COORDINATE DATE OF SHUT DOWN, DURATION, INCONVENIENCE, DELAYS, ETC. WITH A REPRESENTATIVE OF
- 3. BEFORE ABANDONING OR REMOVING ANY UTILITIES, CONTRACTOR IS REQUIRED TO OBTAIN ANY AND ALL NECESSARY PERMITS.

#### IV. ABANDONMENT OF EX UTILITY PIPES AND/OR CONDUITS

- 1. EXISTING GRADE MENTIONED IN THESE PLANS IS THE SUBGRADE UNDERNEATH BUILDING FOOTINGS OR AGGREGATE BASE IN ASPHALT PAVEMENT.
- 2. EXISTING UTILITY PIPES AND/OR CONDUIT TO BE CAPPED AND ABANDONED IN PLACE UNLESS OTHERWISE NOTED.

#### V. SEDIMENTATION AND POLLUTION CONTROL

- 1. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WHICH WILL BE PROVIDED BY FORA, DOCUMENT #20175005-10.
- 2. CONTRACTOR SHALL HIRE A QUALIFIED SWPPP PRACTITIONER (QSP) TO IMPLEMENT ALL PHASES OF THE PROJECT UNDER THE SWPPP INCLUDING, BUT NOT LIMITED TO, UPDATING THE SWPPP AS NECESSARY, SUBMITTING THE NOTICE OF INTENT (NOI), NOTICE OF TERMINATION (NOT), SAMPLING AND MONITORING, AND REPORTING MONITORING REPORTS TO THE REGIONAL WATER QUALITY CONTROL BOARD.
- 3. A COPY OF THE SWPPP SHALL REMAIN ON-SITE THROUGHOUT CONSTRUCTION.
- 4. CONTRACTOR SHALL IMPLEMENT ALL SEDIMENTATION AND POLLUTION CONTROL MEASURES SHOWN ON THE EROSION CONTROL PLANS AND DETAILS INCLUDED IN THESE IMPROVEMENT PLANS.
- 5. ALL FINES IMPOSED AND REPAIRS REQUIRED FOR NOT FOLLOWING THE SWPPP SHALL BE PAID BY THIS CONTRACTOR.

## VI. RECORD DRAWINGS

- 1. DISPOSITION OF ALL UTILITIES ON SITE. THE RECORD DRAWING SHALL BE "REDLINED" ON A SET OF CONSTRUCTION PRINTS AND INDICATE THE FOLLOWING:
- IDENTIFY LOCATION, SIZE, MATERIAL AND TYPE OF UTILITY (INCLUDING UNDERGROUND STORAGE TANKS) THAT WAS ABANDONED OR LEFT IN PLACE AND THE CONDITION THEREOF.
- b. NOTE THE LOCATION AND ELEVATION (OR APPROXIMATE DEPTH RELATIVE TO FINISH GRADE) OF ANY EXISTING UTILITIES LEFT IN PLACE. CONTRACTOR SHALL DELIVER REDLINED PRINTS TO THE DESIGN ENGINEER WITH A COPY TO FORA.
- 2. THE DESIGN ENGINEER INCORPORATES CONTRACTOR'S INFORMATION INTO RECORD DRAWINGS AND SUBMITS THEM TO FORA.

## VII. STATEMENT OF RESPONSIBILITY

- 1. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY FORA & ITS REPRESENTATIVES AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
- 2. CONTRACTOR SHALL COMPLY WITH ALL STATE, COUNTY AND CITY LAWS AND ORDINANCES; AND REGULATIONS OF THE DEPARTMENT OF INDUSTRIAL RELATIONS, O.S.H.A. AND INDUSTRIAL ACCIDENT COMMISSION RELATING TO SAFETY AND CHARACTER OF WORK EQUIPMENT AND LABOR PERSONNEL.

# VIII. UNAUTHORIZED CHANGES AND USES

1. THE DESIGN ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR. OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

#### IX. DEMOLITION NOTES

- CONTRACTOR TO CUT AND CAP ABANDONED UTILITIES IN PLACE UNLESS NOTED OTHERWISE. SEE NOTE 2.
- 2. CONTRACTOR TO COORDINATE WITH RESPECTIVE UTILITY COMPANIES AND VERIFY UTILITIES ARE INACTIVE AND/OR DISCONNECTED PRIOR TO WORK ON UTILITIES AND BUILDING REMOVAL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO POTHOLE LOCATIONS OF ALL UTILITY DISCONNECTS PRIOR TO EXCAVATION.
- ALL PERIMETER CURB, GUTTER AND SIDEWALK TO BE PROTECTED. CONTRACTOR TO REPLACE IN-KIND ANY PERIMETER CURB, GUTTER AND SIDEWALK THAT IS DAMAGED DURING BUILDING REMOVAL AND UTILITY ABANDONMENT/REMOVAL.
- 4. CONTRACTOR TO FIELD VERIFY LOCATION OF TELECOM LINES SERVING BUILDINGS TO BE REMOVED, AND COORDINATE DISCONNECTION POINTS AND CONDUIT ABANDONMENT WITH AT&T, COMCAST AND ANY OTHER AFFECTED COMMUNICATIONS COMPANY. SEE NOTE 3.
- 5. CONTRACTOR TO COORDINATE WITH MCWD ON SEWER AND WATER DISCONNECTION METHOD(S) FOURTEEN (14) DAYS PRIOR TO STARTING WORK ON SEWER AND WATER FACILITIES. MCWD SHALL PERFORM ALL WATER SHUTDOWNS.
- 6. CONTRACTOR SHALL PROVIDE QUALIFIED SWPPP PRACTITIONER (QSP). PROVIDE QSP CERTIFICATE TO FORA.
- 7. CONTRACTOR SHALL NOTIFY ALL CUSTOMERS A MINIMUM OF SEVEN (7) DAYS IN ADVANCE OF SHUTDOWNS.

#### X. WATER NOTES

- THE MARINA COAST WATER DISTRICT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO COMMENCING WORK ON THE WATER SYSTEM. PHONE (831) 384-6131 FOR INSPECTION. A PRECONSTRUCTION MEETING SHALL BE HELD AT LEAST 24 HOURS BEFORE STARTING
- 2. ALL WATER SYSTEM WORK SHALL CONFORM TO THE DISTRICT'S "STANDARD PLANS AND SPECIFICATIONS," AS LAST REVISED. THE CONTRACTOR SHALL HAVE A COPY OF THESE PLANS AND STÀNDARD SPECIFICATIONS ON THE JOB AT ALL TIMES.
- 3. ALL NUTS AND BOLTS, SHALL BE GRADE 316 STAINLESS STEEL. ALL BURIED FLANGES, VALVES AND FITTINGS SHALL BE WRAPPED WITH 10-MIL POLYETHYLENE SHEET.
- 4. ANY WATER SERVICE FOUND TO BE WITHIN A DRIVEWAY OR SIDEWALK SHALL BE REMOVED AT CORPORATION VALVE AND REINSTALLED AT THE PROPER LOCATION, AT NO
- 5. ALL MAIN LINE VALVES SHALL BE MAINTAINED SO AS TO BE ACCESSIBLE, AND ALL VALVE STEM TOPS HAVING OVER 48 INCHES OF COVER MAY REQUIRE AN EXTENSION AS PER MCWD STANDARD PLAN W-7.
- THE TOP OF THE PIPE SHALL BE A MINIMUM OF 42 INCHES OF COVER FROM THE FINISHED GRADE IN PAVED SECTIONS, UNLESS INDICATED OTHERWISE ON THE JOB PLANS OR DIRECTED OTHERWISE BY THE DISTRICT BECAUSE OF UNUSUAL CONDITIONS. PIPE SHALL BE BEDDED AND BACKFILLED PER MCWD STANDARD PLAN W-12.

# LEGEND

LIMIT OF WORK, SEE DEMOLITION NOTE 4 BUILDING TO BE REMOVED SEE DEMOLITION NOTE 5 & 13 ABANDONED WATER ABANDONED SEWER CAP/DISCONNECTION POINT EXISTING TREE AND ID NUMBER 6 #100 SEE DEMOLITION NOTE 1 EXISTING TREE TO BE REMOVED — SD — SD — EXISTING STORM DRAIN LINE — W — EXISTING SANITARY SEWER LINE — E — EXISTING ELECTRICAL LINE — GAS — GAS — EXISTING GAS LINE —— SS —— EXISTING DOMESTIC WATER LINE — T— T— EXISTING TELECOM LINE — E — EXISTING OVERHEAD ELECTRICAL LINE

— EXISTING STEEL BARS —— — EXISTING FORCE MAIN EXISTING STORM DRAIN INLET

> EXISTING STORM DRAIN MANHOLE EXISTING SEWER MANHOLE EXISTING JOINT POLE EXISTING ELECTRICAL STRUCTURE

EXISTING FIRE HYDRANT SURVEY STAKING LOCATION, SEE DEMOLITION NOTE 14

EXISTING STREET LIGHT

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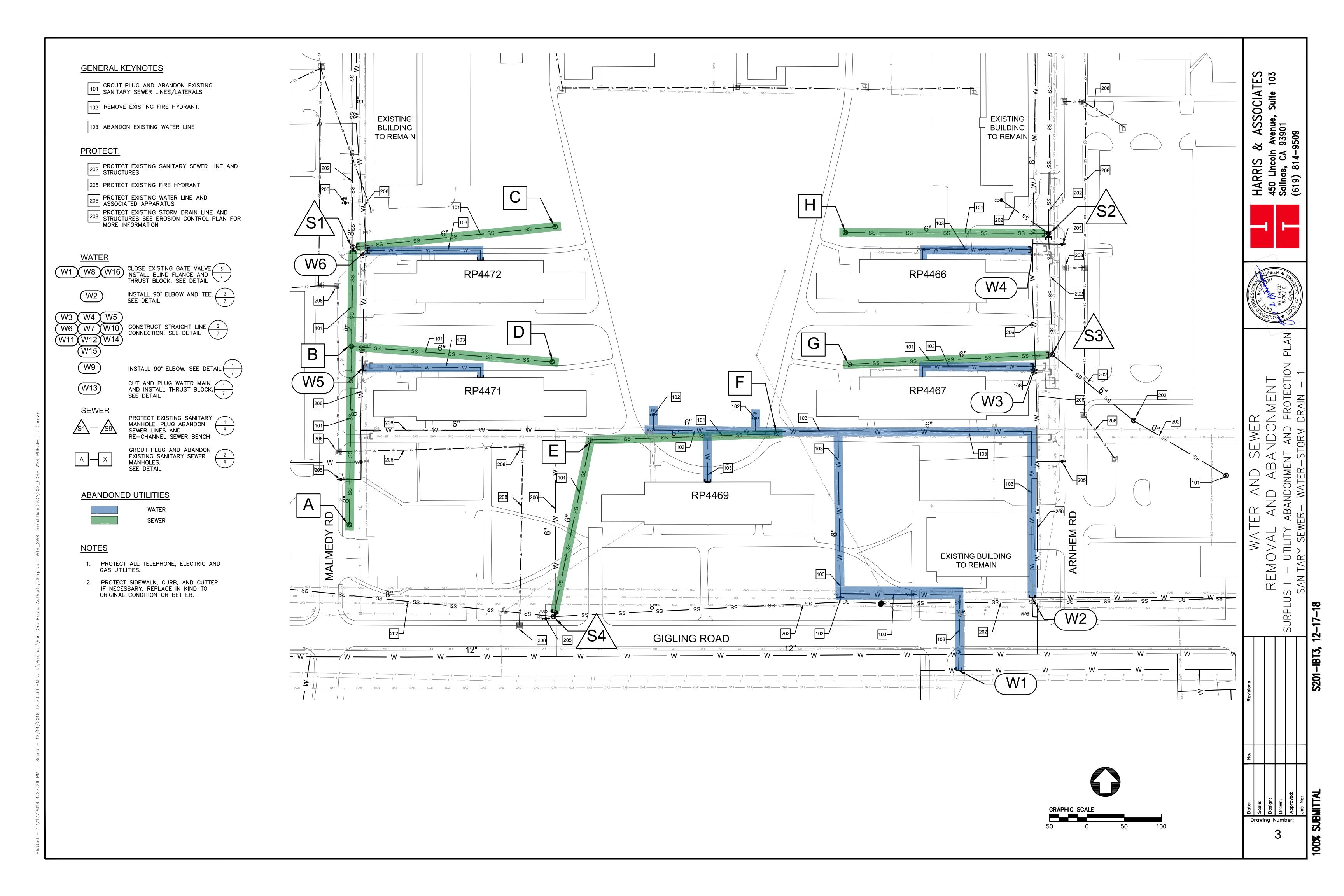
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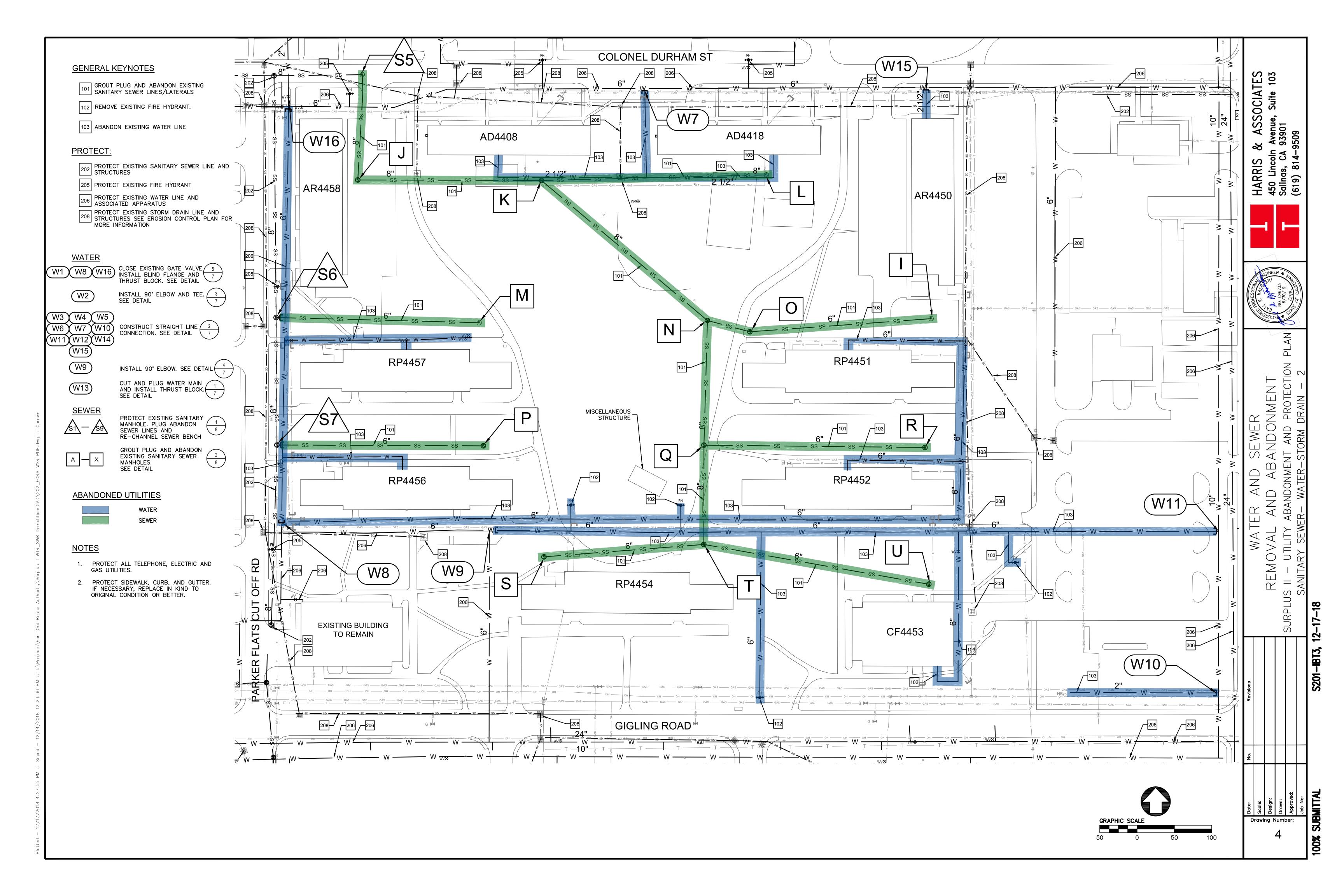
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Drawing Number:





102 REMOVE EXISTING FIRE HYDRANT.

103 ABANDON EXISTING WATER LINE

#### PROTECT

PROTECT EXISTING SANITARY SEWER LINE AND STRUCTURES

205 PROTECT EXISTING FIRE HYDRANT

PROTECT EXISTING WATER LINE AND ASSOCIATED APPARATUS

PROTECT EXISTING STORM DRAIN LINE AND STRUCTURES SEE EROSION CONTROL PLAN FOR MORE INFORMATION

## **WATER**

W2

W1 W8 W16 CLOSE EXISTING GATE VALVE. 5 INSTALL BLIND FLANGE AND 7 THRUST BLOCK. SEE DETAIL

INSTALL 90° ELBOW AND TEE. (

W3 W4 W5 W6 W7 W10 W11 W12 W14 W15 CONSTRUCT STRAIGHT LINE  $\begin{pmatrix} 2 \\ 7 \end{pmatrix}$ 

(W9) INSTALL 90° ELBOW. SEE DETAIL  $\left(\frac{4}{7}\right)$ CUT AND PLUG WATER MAIN AND INSTALL THRUST BLOCK. W13) SEE DETAIL

<u>SEWER</u>

PROTECT EXISTING SANITARY
MANHOLE. PLUG ABANDON SEWER LINES AND RE-CHANNEL SEWER BENCH

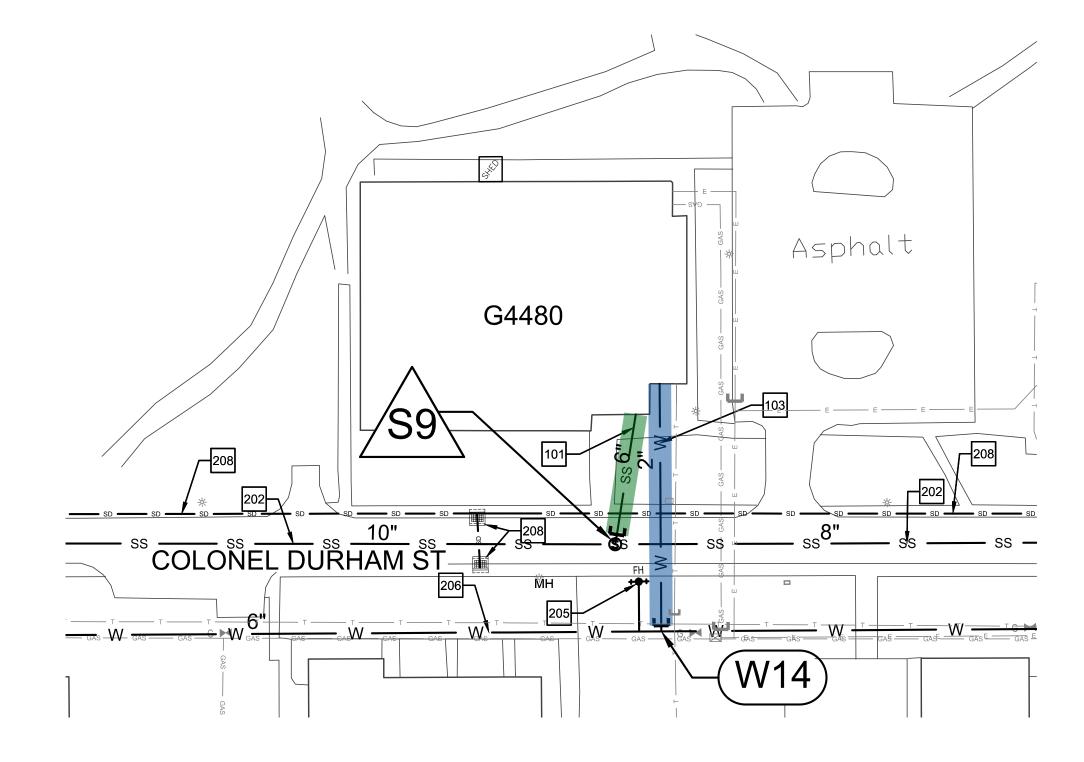
GROUT PLUG AND ABANDON EXISTING SANITARY SEWER MANHOLES. SEE DETAIL

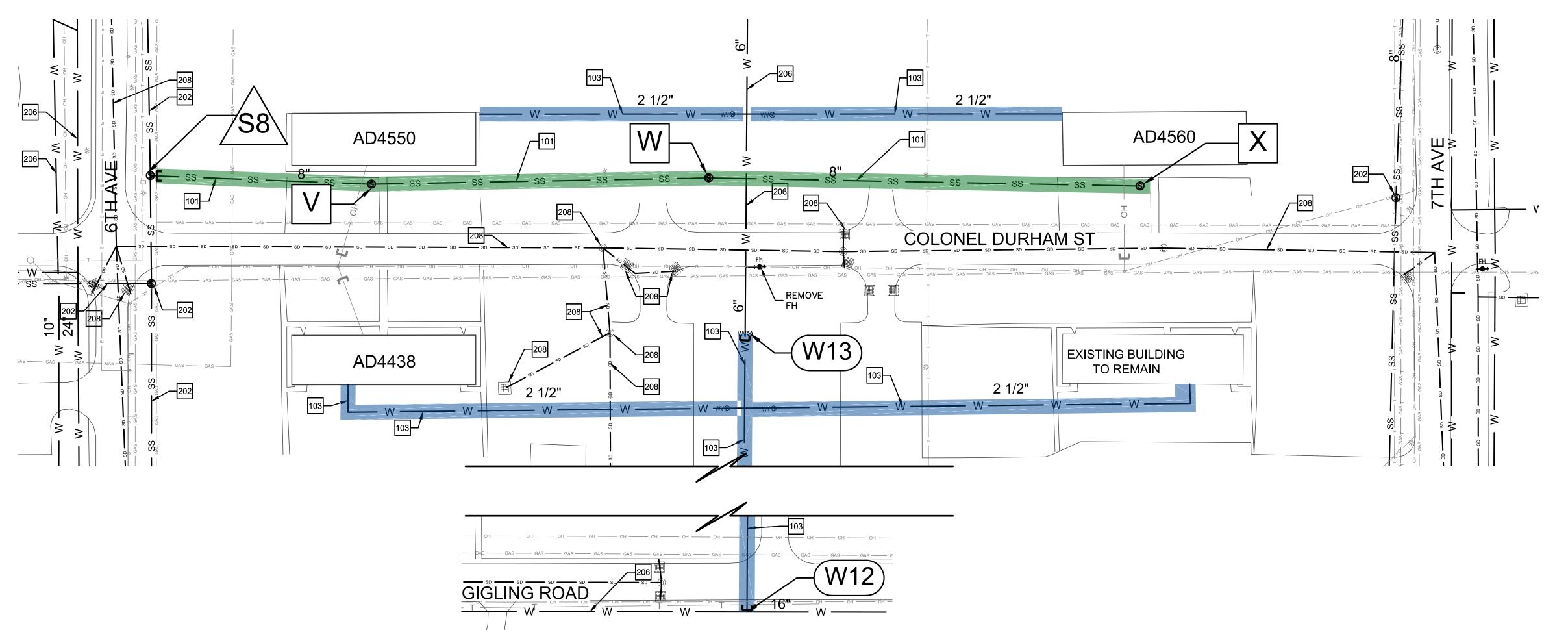
# ABANDONED UTILITIES

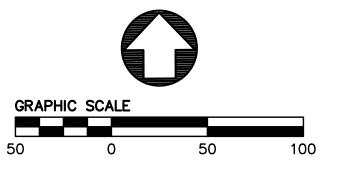
WATER SEWER

# **NOTES**

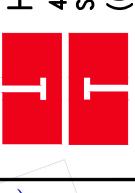
- PROTECT ALL TELEPHONE, ELECTRIC AND GAS UTILITIES.
- 2. PROTECT SIDEWALK, CURB, AND GUTTER. IF NECESSARY, REPLACE IN KIND TO ORIGINAL CONDITION OR BETTER.

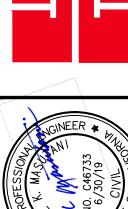






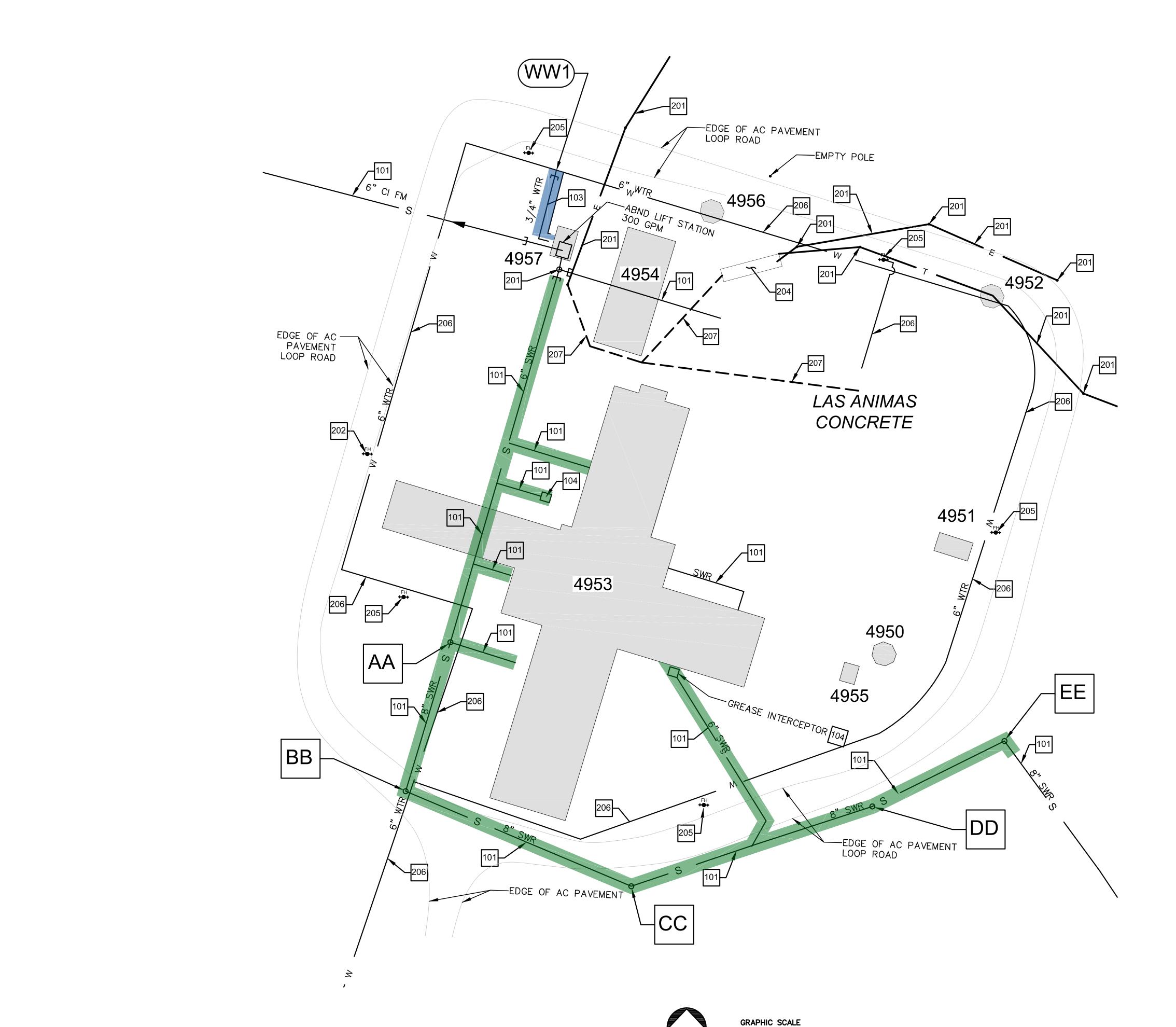
ASSOCIATES venue, Suite 103 HARRIS 450 Lincol Salinas, C (619) 814







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## **GENERAL KEYNOTES**

GROUT PLUG AND ABANDON EXISTING SANITARY SEWER LINES/LATERALS

103 ABANDON EXISTING WATER LINE

DEMOLISH & DISPOSE EXISTING SANITARY STRUCTURES

## PROTECT:

201 CAUTION! PROTECT EXISTING OVERHEAD LINES & JOINT POLES

204 PROTECT EXISTING BUILDING

205 PROTECT EXISTING FIRE HYDRANT

PROTECT EXISTING WATER LINE AND ASSOCIATED APPARATUS

PROTECT IN PLACE UNDERGROUND ELECTRICAL LINE

# **WATER**

CONSTRUCT STRAIGHT LINE  $\begin{pmatrix} 2 \\ 7 \end{pmatrix}$ 



# <u>SEWER</u>

GROUT PLUG AND ABANDON EXISTING 2
SANITARY SEWER MANHOLES.
SEE DETAIL

# ABANDONED UTILITIES



WATER SEWER

# NOTES

PROTECT ALL TELEPHONE, ELECTRIC AND GAS UTILITIES.

PROTECTION DRAIN - 1 AND SEWER

ND ABANDONMENT

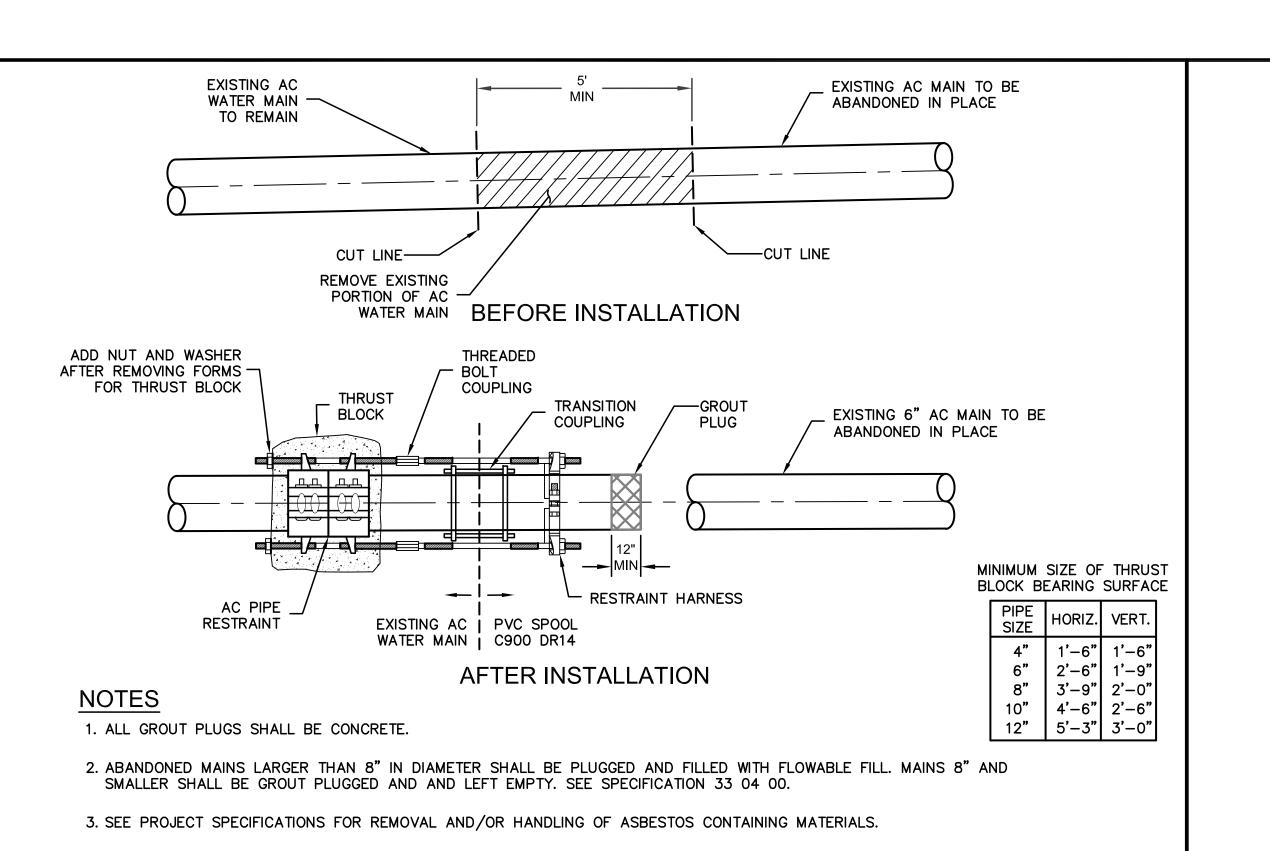
NDONMENT AND PROTECTION

WATER-STORM DRAIN - 1

PLAN

ASSOCIATES venue, Suite 103

HARRIS 450 Lincolr Salinas, CA (619) 814-



4. BOLT ON AC PIPE RESTRAINER (JCM 630 OR APPROVED EQUIVALENT) WITH THREADED TIE BOLTS. ALL BOLTS AND

5. CAST THRUST BLOCK AROUND AC PIPE RESTRAINER AND ALLOW TO CURE. CONCRETE SHALL BE 2000 PSI 28 DAY

7. INSTALL RESTRAINT HARNESS AND INSTALL TIE BOLTS SO THAT A THREADED BOLT COUPLER CAN BE USED TO JOIN TIE

8. ALL FITTINGS SHALL BE PROTECTED WITH WAX-TAPE COATING PER AWWA C217 AND POLYETHYLENE WRAP IN ACCORDANCE

6. CUT AC PIPE AND COUPLE NEW PIPE WITH TRANSITION COUPLING (ROMAC 501 OR APPROVED EQUIVALENT).

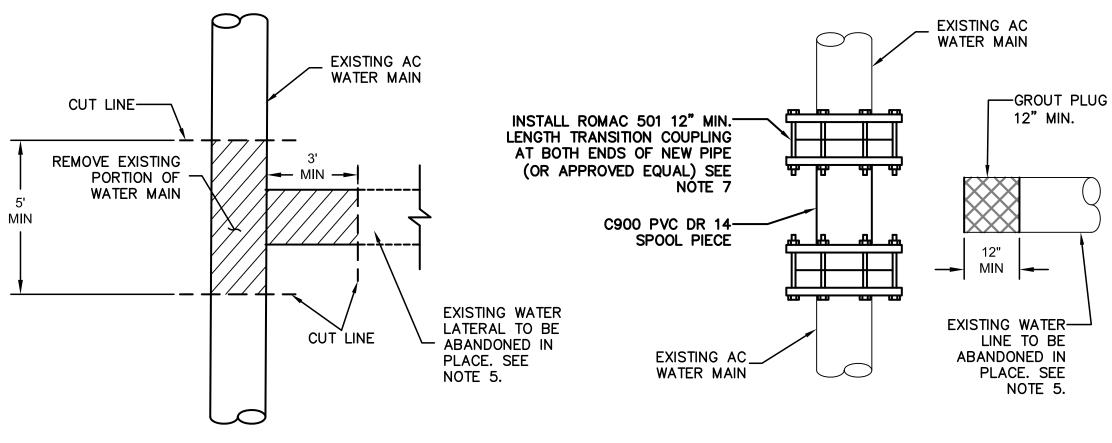
BOLTS FROM AC PIPE RESTRAINER. MATCH BOLT DIAMETER OF AC PIPE RESTRAINER.

**CUT AND PLUG** 

HARDWARE SHALL BE TYPE 316 SS.

COMPRESSIVE STRENGTH.

WITH AWWA C105.



BEFORE INSTALLATION

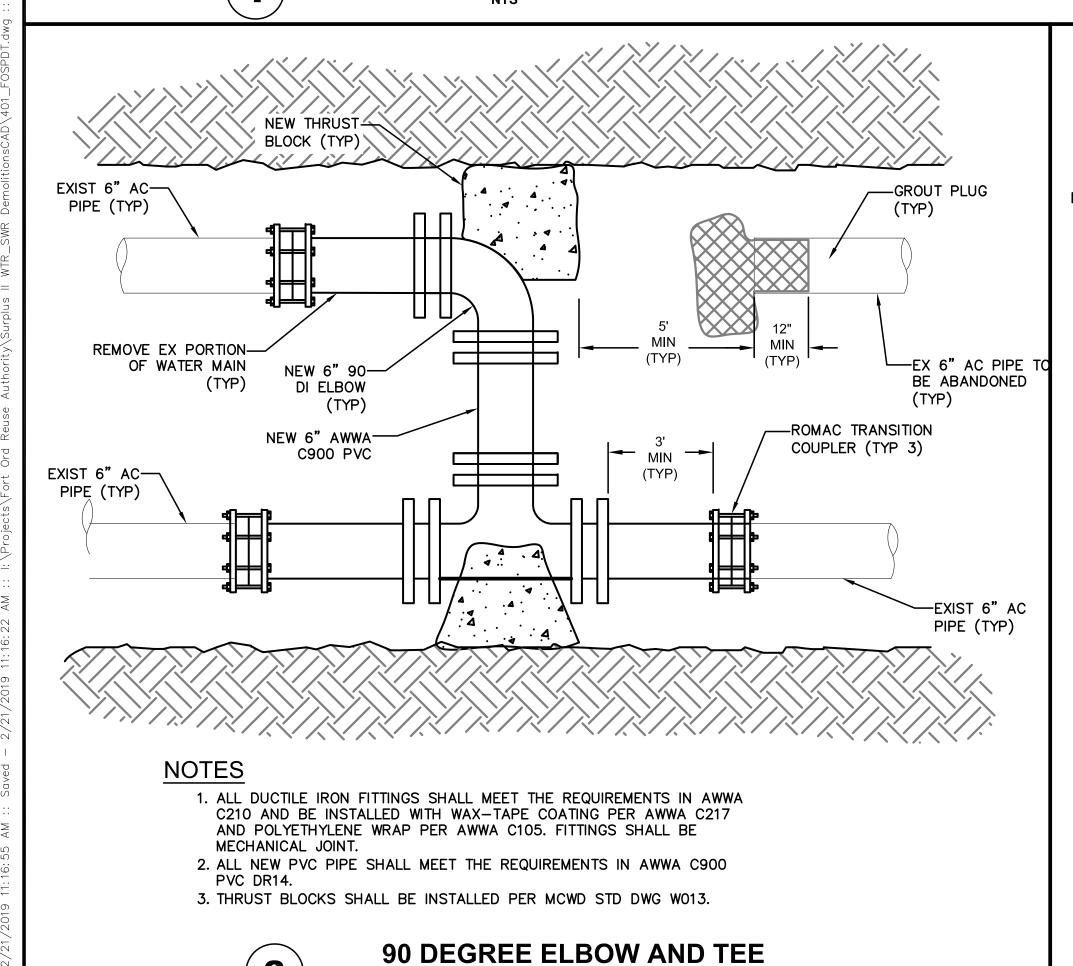
AFTER INSTALLATION

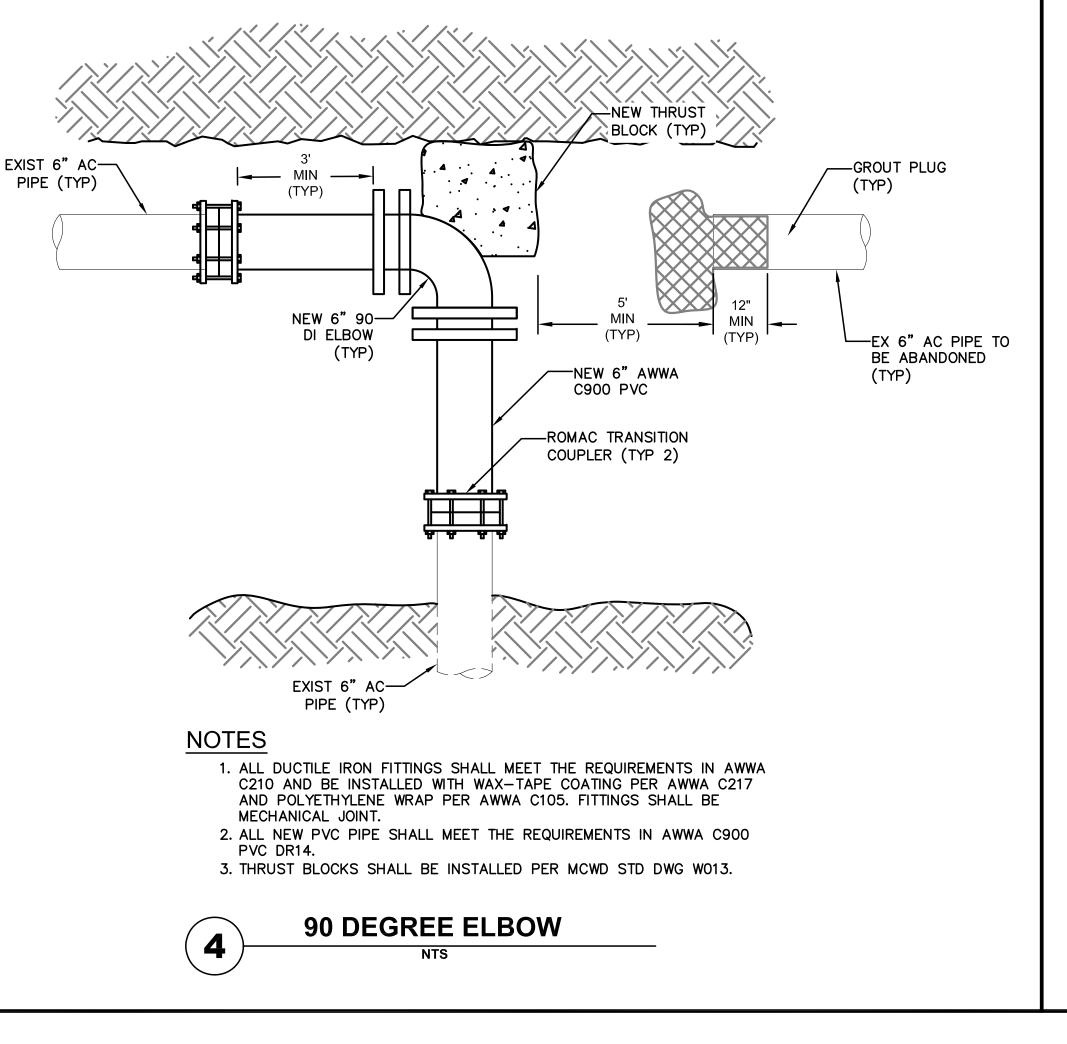
### NOTES

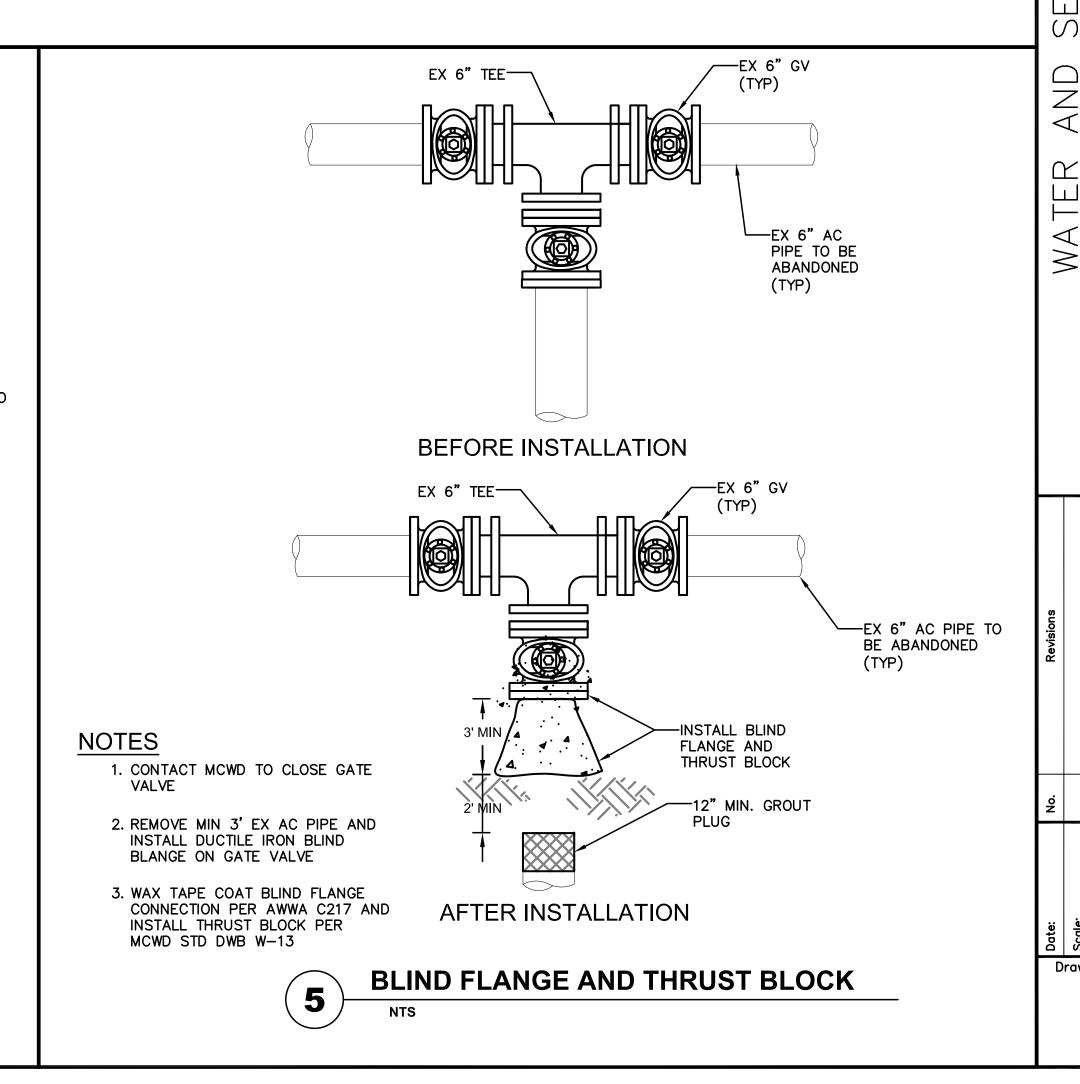
- 1. CONTRACTOR SHALL CONTACT MARINA COAST WATER DISTRICT (MCWD) BEFORE WORK BEGINS. MCWD SHALL ISOLATE MAINS.
- 2. CONTRACTOR TO INSPECT PIPE FOR LEAKS AFTER INSTALLATION IS COMPLETE.
- 3. CONTRACTOR TO BE RESPONSIBLE FOR TRAFFIC CONTROL.
- 4. ALL GROUT PLUGS SHALL BE CONCRETE, 2000 PSI 28 DAY COMPRESSIVE STRENGTH.
- 5. ABANDONED MAINS LARGER THAN 8" IN DIAMETER SHALL BE PLUGGED AND FILLED WITH FLOWABLE FILL. MAINS 8" AND SMALLER SHALL BE GROUT PLUGGED AND LEFT EMPTY. SEE SPECIFICATION 33 04 00.
- 6. SEE SPECIFICATIONS FOR REMOVAL AND/OR HANDLING OF ASBESTOS CONTAINING MATERIAL.
- 7. CONTRACTOR TO INSTALL TRANSITION COUPLING PER MANUFACTURER'S RECOMMENDATIONS.
- 8. SEE DWGS FOR PIPE SIZES OF RUN AND BRANCH.
- 9. TRANSITION COUPLING SHALL BE WAX-TAPE COATED PER AWWA C217.



WATER STRAIGHT LINE MAINLINE REPAIR







Z WE  $S \leq A$ O  $\triangleleft$ ONS 

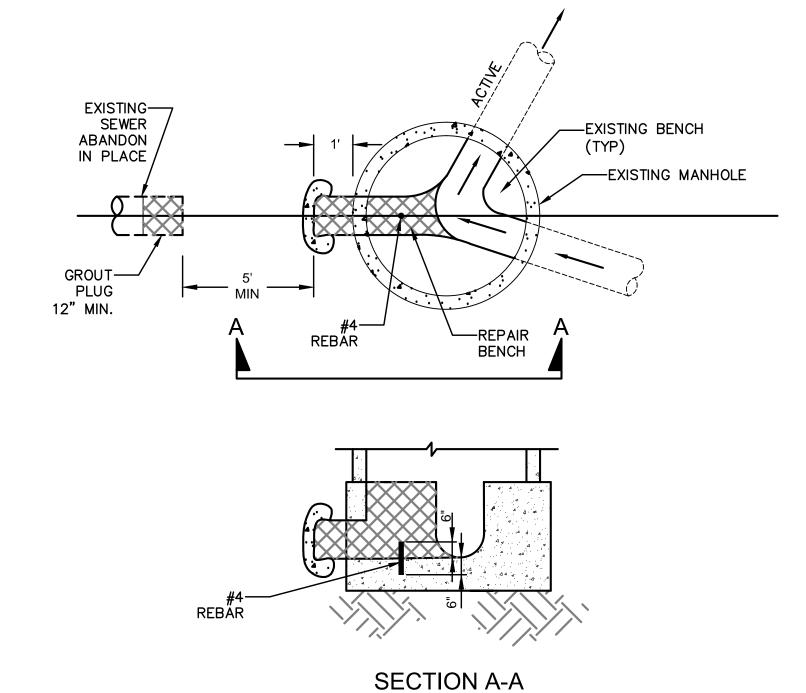
ASSOCIATES venue, Suite 103

HARRIS 450 Linco Salinas, C

# MANHOLE CONNECTED TO ACTIVE MAIN

# NOTES

- 1. CONTRACTOR SHALL PLUG LATERALS TO BE ABANDONED WITH GROUT PLUG.
- 2. GROUT PLUG SHALL BE FLUSH WITH THE INSIDE OF THE MANHOLE.
- 3. CONTRACTOR TO BE RESPONSIBLE FOR TRAFFIC CONTROL.
- 4. ABANDONED SEWERS LARGER THAN 8" IN DIAMETER SHALL BE FILLED WITH FLOWABLE FILL. SEWERS 8" AND SMALLER SHALL BE GROUT PLUGGED AND LEFT EMPTY. SEE SPECIFICATION 33 04 00.

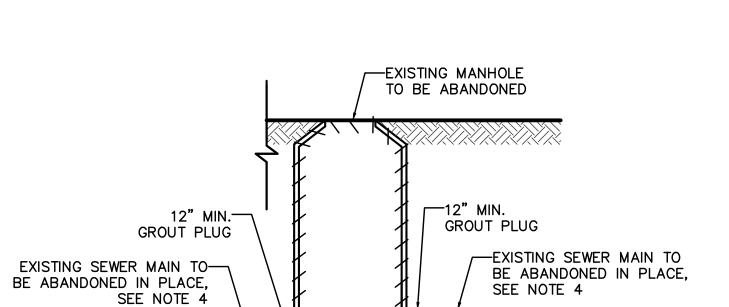


## NOTES

- 1. NEW SHELF SHALL BE FULL DEPTH OF THE EXISTING CHANNEL.
- 2. USE 560-C 3250 PSI PER GREENBOOK FOR MANHOLE SHELF.

ABANDONED SEWER MANHOLE PLUG (SURPLUS II)

SEWER MANHOLE BENCH REPAIR NTS



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- 3. CONTRACTOR TO BE RESPONSIBLE FOR TRAFFIC CONTROL.
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- 5. RECYCLE/DISPOSE MANHOLE COVER & CONCRETE CONE & RINGS TO MANHOLE SHELF. MANHOLE SHELF CAN REMAIN. FOR BACKFILL AND COMPACTION. CONCRETE AND AC SHALL BE CRUSHED TO SIZES OF 3-INCHES OR LESS AND NO MORE THAN APPROXIMATELY 30% SHALL BE LARGER THAN 3/4-INCH. BACKFILL SHALL BE PLACED IN 12-INCH LIFTS AND COMPACTED TO 90% OF ITS PROCTOR DENSITY AS EVALUATED BY ASTM D1557. BACKFILL SHALL BE LEVEL WITH GROUND SURFACE. COMPACTION TESTING SHALL BE PERFORMED PER SPECIFICATIONS.



ABANDONED SEWER MANHOLE PLUG (STOCKADE)

\_\_\_EXISTING MANHOLE TO BE ABANDONED 12" MIN.— −12" MIN. GROUT PLUG GROUT PLUG -EXISTING SEWER MAIN TO EXISTING SEWER MAIN TO-BE ABANDONED IN PLACE, SEE NOTE 4 BE ABANDONED IN PLACE, SEE NOTE 4 ABANDONED MANHOLE PLUG

# **NOTES**

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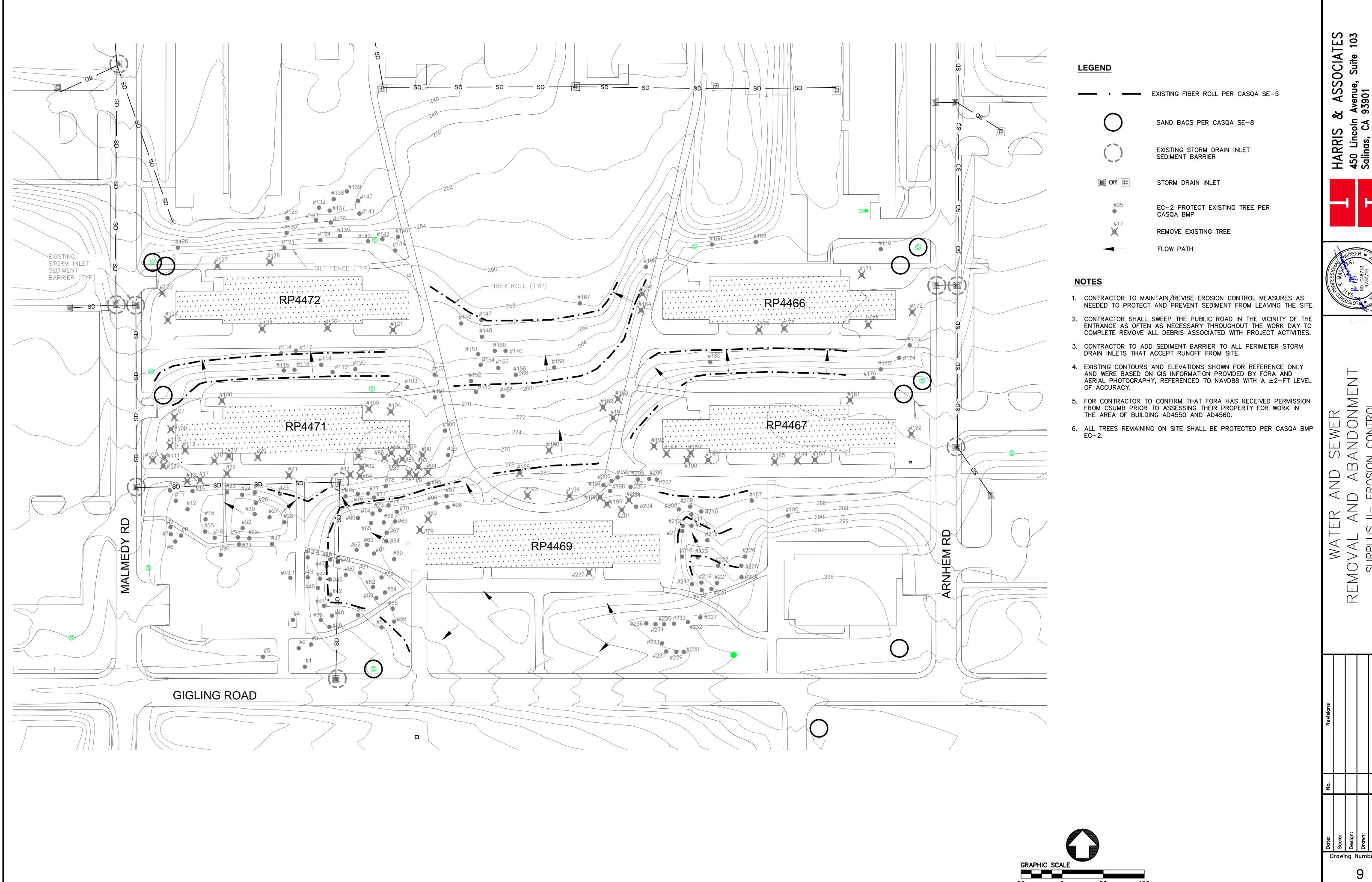
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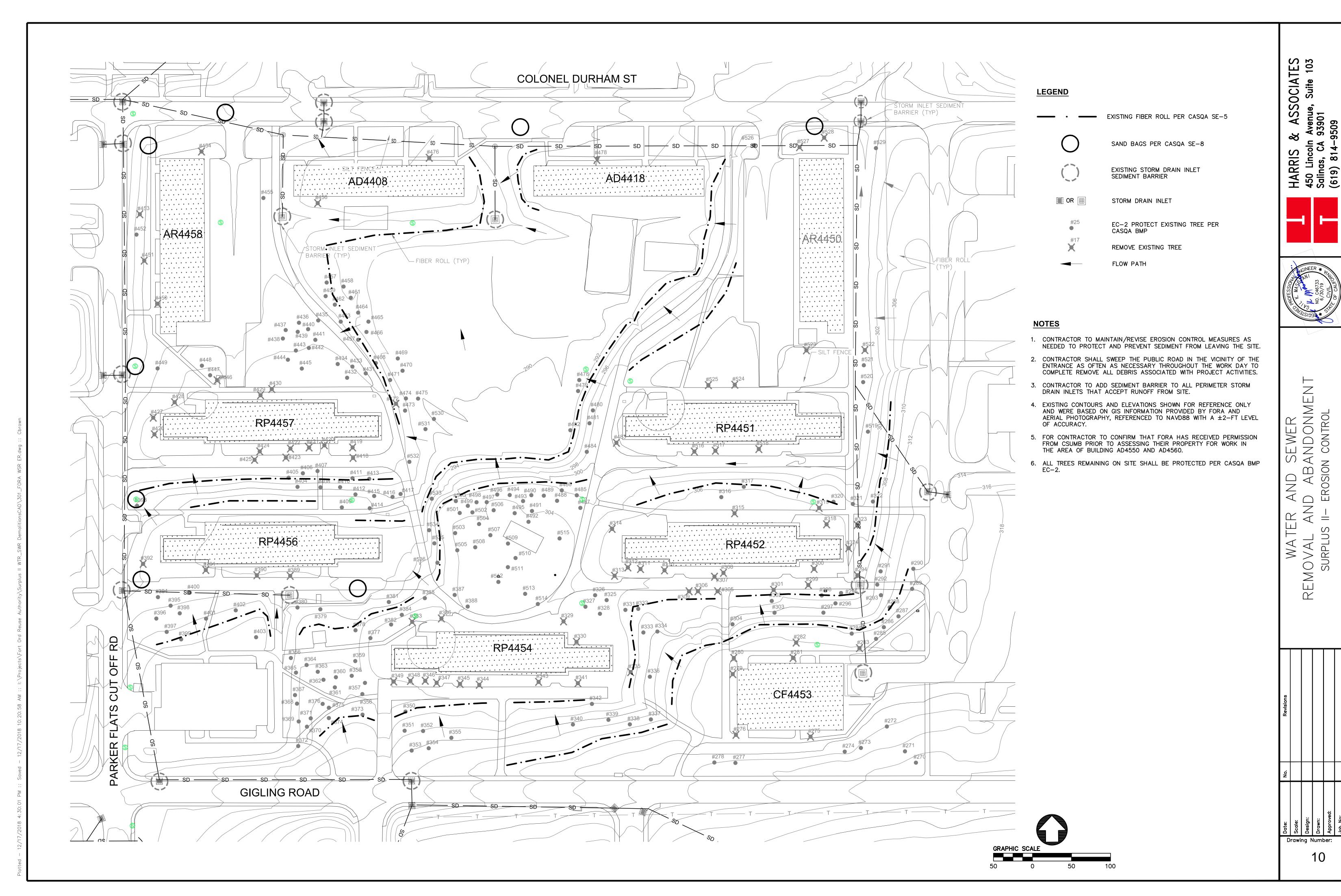
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ASSOCIATES venue, Suite 103

HARRIS 450 Linco Salinas, C

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### **LEGEND**

EXISTING FIBER ROLL PER CASQA SE-5

SAND BAGS PER CASQA SE-8

EXISTING STORM DRAIN INLET

EC-2 PROTECT EXISTING TREE PER CASQA BMP

REMOVE EXISTING TREE FLOW PATH

# **NOTES**

- CONTRACTOR TO MAINTAIN/REVISE EROSION CONTROL MEASURES AS NEEDED TO PROTECT AND PREVENT SEDIMENT FROM LEAVING THE SITE.
- CONTRACTOR SHALL SWEEP THE PUBLIC ROAD IN THE VICINITY OF THE ENTRANCE AS OFTEN AS NECESSARY THROUGHOUT THE WORK DAY TO COMPLETE REMOVE ALL DEBRIS ASSOCIATED WITH PROJECT ACTIVITIES.
- CONTRACTOR TO ADD SEDIMENT BARRIER TO ALL PERIMETER STORM DRAIN INLETS THAT ACCEPT RUNOFF FROM SITE.
- 4. EXISTING CONTOURS AND ELEVATIONS SHOWN FOR REFERENCE ONLY AND WERE BASED ON GIS INFORMATION PROVIDED BY FORA AND AERIAL PHOTOGRAPHY, REFERENCED TO NAVD88 WITH A ±2-FT LEVEL OF ACCURACY.
- 5. FOR CONTRACTOR TO CONFIRM THAT FORA HAS RECEIVED PERMISSION FROM CSUMB PRIOR TO ASSESSING THEIR PROPERTY FOR WORK IN THE AREA OF BUILDING AD4550 AND AD4560.
- 6. ALL TREES REMAINING ON SITE SHALL BE PROTECTED PER CASQA BMP EC-2.



SEDIMENT BARRIER

STORM DRAIN INLET



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BUILDING/STRUCTURE NUMBER



EXISTING TC-1 STABILIZED CONSTRUCTION ENTRANCE



EXISTING FIBER ROLL PER CASQA SE-5

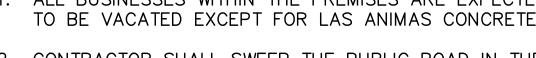


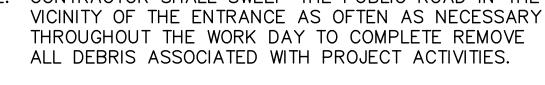
SAND BAGS PER CASQA SE-8

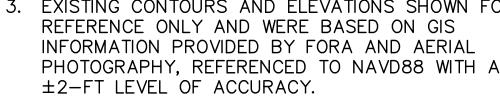
# **NOTES**

- 1. ALL BUSINESSES WITHIN THE PREMISES ARE EXPECTED TO BE VACATED EXCEPT FOR LAS ANIMAS CONCRETE.
- 2. CONTRACTOR SHALL SWEEP THE PUBLIC ROAD IN THE
- 3. EXISTING CONTOURS AND ELEVATIONS SHOWN FOR REFERENCE ONLY AND WERE BASED ON GIS INFORMATION PROVIDED BY FORA AND AERIAL PHOTOGRAPHY, REFERENCED TO NAVD88 WITH A ±2-FT LEVEL OF ACCURACY.









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HARRIS & 450 Lincoln Salinas, CA (619) 814-9



