### PROJECT START\_PROJECT END\_\_\_CONTR.\_\_SUPER.\_UN. GR. CONT.\_\_SUPER.\_SEWER PIPE \_\_\_\_WATER PIPE \_\_\_\_WATER VALVES\_TEES, WYES, FTGS.\_ PROJECT DATA (FOR CITY USE ONLY) Owner/Developer: MAP BENCHMARK AND DATUM NOTE: BASE TOPOGRAPHIC MAP PREPARED BY DELTA SURVEYING, INC., BENCHMARK: CONTROL POINT CITY OF SANTA ROSA MONUMENT GELEVATION = 263.867, INTERSECTION OF MIDDLE RINCON RD AND BASIS OF BEARING: CL OF MONTECITO BLVD (N66°35'11"E) BOUNDARY DESCRIPTION FOUND IN DOC# 1995—0048248 Project SURVEY INFORMATION Information SURFACE GRADING ONLY. DOES NOT INCLUDE ROAD SECTION, SELECT FILL, OR COMPACTION/EXPANSION. CONTRACTOR RESPONSIBLE FOR HIS/HER OWN EARTHWORK QUANTITIES FOR BIDDING PURPOSES. DESCRIPTION ROUGH GRADE FOUNDATION CUT PAVEMENT SECTION HEREBY STATE THAT THESE RECORD PLAN CHANGES ARE COMPILED FROM INFORMATION FURNISHED BY THE PROJECT CONTRACTOR, SOILS ENGINEER AND MY OFFICE. I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE THE WORK WAS DONE IN ACCORDANCE WITH THE FINAL APPROVED PLANS. THE ENGINEER AND THE CITY WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT. FIELD VERIFICATION OF CRITICAL FACTS AND DAT5A SHOULD BE MADE IF THESE DOCUMENTS ARE TO BE USED AS A BASIS FOR FUTURE WORK. TOTAL RECORD CHRIS SHAUGHNESSY 1879 ALAN DRIVE PENNGROVE, CA 94951 (707) 696—9611 DELTA SURVEYING INC. 1016 CHIQUITA ROAD THOMAS ATTERBURY, P.E. ATTERBURY & ASSOCIATES, INC. 16190 HEALDSBURG AVE, SUITE HEALDSBURG, CA 95448 (707) INTEGRATED DESIGN -804 COLLEGE AVE SANTA ROSA, CA 9540 6521 N SANTA PYRAMID GEOENGINEERING, 4119 TRINITY DRIVE 0.5 HEALDSBURG, (707) 696-**ACRES** 20 190 260 470 QUANTITIES 1)T FILL 470 0 MONTECITO FA ROSA, CA ROSA, 470 CA 95448 CA CA BALANCED NET 450<F> 190<C> 260<C> BLVD \ 95409 95404 95405 DAVID RALPH (707) NC. (707) COLUMBO $\Box$ 568-MOODY 679— AND DATED -338 0134 0108 6076 494-MONTECITO YJUL 2016. Sheet Index 182-130-001 9. STORM WATER PREVENTION PLAN 0. DETAILS 1. DETAILS 2. DETAILS 3. DETAILS S T OFFSITE IMPROVEMENT PLAN EROSION CONTROL EROSION CONTROL TITLE SHEET CONSTRUCTION NOTES ANDSCAPE PLANTING PLAN ANDSCAPE IRRIGATION PLAN 0 MONTECITO BLVD (6521) **ECITO** SANTA ROSA, 8 LOTS ON 0.50 ACRES **PLAN NOTES** APN 182-120-052 Aerial Map MONTECH OF BLVD TOWNH П CA 95409 0 MES OR NOOMIR ELIGONIRD BRUSH CREEK RD \_BRIDGEWOOD DR Vicinity / Location Map MISSION BLVD **Abbreviations** SESSOR'S PARCEL NUME MONTECITO BLVD MON USE EASEMENT SNOISIA FINISH FLO UTILITY SERVICE SANTA August 30, 2022 9 ROSA ANT, FILE $\supset$ NO. $\mathcal{I}$ 2020-S -0025 DESCRIPTION DATE TITLE SHEET Atterbury & Associates, Inc. MONTECITO TOWNHOMES Civil Engineering - Land Planning 6521 MONTECITO BLVD 16109 Healdsburg Avenue, Suite D, Healdsburg, CA 95448 Phone: (707) 433-0134; Fax: (707) 433-0135 SANTA ROSA, CA 95409 L:\17-03\IMPs\17-03 Improvement Plans.dwg 7/16/2022 10:46am

CITY OF SANTA ROSA GENERAL NOTES

ALL MATERIALS, WORKMANSHIP AND CONSTRUCTION SHALL CO SANTA ROSA DESIGN AND CONSTRUCTION STANDARDS AND COPUBLIC IMPROVEMENTS.

CONTRACTOR SHALL OBTAIN AND PAY FOR ALL CONSTRUCTION OF SANTA ROSA (SUCH AS ENCROACHMENT, GRADING, ETO COMMENCEMENT OF WORK. CONSTRUCTION PERMITS REQUIRED GRADING, BUILDING, DEMOLITION ETC. CONFORM TO THE CURRENT CITY OF CONSTRUCTION SPECIFICATIONS FOR · B B Y

AN ENCROACHMENT PERMIT MUST BE OBTAINED FROM THE PLANNING AND ECONOMIC DEVELOPMENT, AND ENGINEERING DEVELOPMENT SERVICES PRIOR TO BEGINNING ANY WORK WITHIN THE PUBLIC RIGHT—OF—WAY. A TRAFFIC CONTROL PLAN MUST BE SUBMITTED FOR APPROVAL PRIOR TO BEGINNING ANY WORK WITHIN THE PUBLIC RIGHT—OF—WAY.

THE CONTRACTOR SHALL OBTAIN A DE—WATERING PERMIT FROM THE NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD FOR DE—WATERING OPERATIONS THAT ARE USED TO MANAGE THE REMOVAL OF GROUND WATER FROM EXCAVATIONS AND THEIR DISCHARGE TO THE WATERS OF THE STATE OR THE STORM DRAIN SYSTEM. APPROVAL MUST BE OBTAINED FROM THE CITY OF SANTA ROSA ENVIRONMENTAL COMPLIANCE DIVISION PRIOR TO DISCHARGING GROUNDWATER TO THE SEWER.

PLACE EQUIPMENT OR VEHICLES, WHICH A DESIGNATED AREA FITTED WITH APPROPRIATION AND APPROPRIATION OF THAT REQUIRE MAINTENANCE OF THE NEXT FORECASIF NO RAIN IS PREDICTED. MAINTENANCE IN TRASH.

PECTED EACH WORKING DAY AND BEFORE ALL RAINNICE OR REPLACEMENT TO FUNCTION PROPERLY SHALL CASTED RAIN, OR WITHIN THE NEXT 3 WORKING DAYS INCLUDES REMOVAL OF ACCUMULATED SEDIMENT AND

ESTABLISH AND MAINTAIN EFFECTIVE SCONSTRUCTION ENTRANCES AND EXITS TO DISCHARGES AND TRACKED MATERIALS FRENCE TO ANY RAIN EVENT, THE CONTRICONSTRUCTION ACTIVITY RELATED MATER VACUUMING OR SWEEPING).

CONCRETE WASHOUT DISCHARGE INTO THE

AREAS AN

S ARE TO BE CONNECTED BY DEVELOPER TO STORM ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND SHALL FLOW ACROSS SIDEWALKS. OF GRADING ACTIVITIES UNLESS OBTAINED FOR THE STOCKPILE. SETBACK AREAS, PROTECTED RESIDENTIAL PROPERTY LINE. 50 FEET OF AN ADJACENT

IF CONTAMINATED MATERIAL IS ENCOUNTERED DURING CONSTRUCTION, WORK MUST STOP UNTIL A WORK PLAN HAS BEEN APPROVED IN WRITING BY THE CITY FIRE DEPARTMENT AND THE STATE REGIONAL WATER QUALITY CONTROL BOARD (NCRWQCB). HAZARDOUS MATERIAL SHALL BE REMOVED AND DISPOSED OF ACCORDING TO THE REQUIREMENTS OF THE CITY'S FIRE DEPARTMENT. THE APPLICANT IS REQUIRED TO DEMONSTRATE COMPLIANCE WITH STATE AND LOCAL CODES FOR REMOVAL OF ASBESTOS CONTAINING MATERIALS DURING DEMOLITION OF THE STRUCTURES ON THE PROJECT SITE. ALL GANG MAIL B RIGHT-OF-WAY. THE LOCATION OF DRAINAGE FLOWS AF THE LOCATION AND INSTALLATION OF ALL MADEVELOPER AND THE US POSTAL SERVICE.

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THE CONTRACTOR SHALL EXPOSE ALL EXISTING UTILITIES INCLUDING SEWERS AND STORM DRAINS PRIOR TO ANY TRENCHING TO ALLOW THE ENGINEER TO VERIFY THE GRADE AND ALIGNMENT OF THE UTILITIES, AND TO VERIFY DESIGN ASSUMPTIONS AND EXACT FIELD LOCATION. EXISTING UTILITIES MAY REQUIRE RELOCATION AND/OR PROPOSED IMPROVEMENTS MAY REQUIRE GRADE OR ALIGNMENT REVISION DUE TO FIELD CONDITIONS.

UNDERGROUND FACILITIES NOT SHOWN ON THESE DRAWINGS SUCH AS PG&E, TELEPHONE, TV, IRRIGATION, ETC. SHALL BE COORDINATED AND CONSTRUCTED PRIOR TO PLACEMENT OF BASE ROCK AND PAVING.

CITY OF

SANTA ROSA STREET

REQUIRED

NOTES

ON ALL PLANS

CONTRACTOR IS RESPONSIBLE FOR PRESERVATION AND/OR PERPETUATION OF ALL EXISTING SURVEY MONUMENTS (CURB TAGS, IRON PIPES, CENTERLINE WELL DISKS, ETC). IF THE CONTRACTOR SUSPECTS THAT WORK WILL BE CONDUCTED IN AN AREA WHICH MAY RESULT IN THE DISTURBANCE OF SURVEY MONUMENTS, THE CONTRACTOR SHALL RETAIN THE SERVICES OF A LICENSED PROFESSIONAL AUTHORIZED TO PRACTICE LAND SURVEYING TO LOCATE SAID MONUMENTS PRIOR TO DISTURBANCE, RE-ESTABLISH MONUMENTS WHICH HAVE BEEN DISTURBED AS A RESULT OF CONSTRUCTION AND FILE THE APPROPRIATE DOCUMENTATION WITH THE COUNTY ONCE THE MONUMENTS ARE RESET.CONTRACTOR SHALL PROVIDE A MINIMUM OF 10 (TEN) WORKING DAYS NOTICE TO THE ENGINEER/SURVEYOR PRIOR TO DISTURBANCE OR REMOVAL OF EXISTING MONUMENTS. CONTRACTOR SHALL PROVIDE THE CITY WITH A MONUMENT CERTIFICATION LETTER FROM THE ENGINEER/SURVEYOR STATING THAT THE EXISTING MONUMENTS HAVE BEEN IDENTIFIED AND LOCATED PRIOR TO REMOVAL.

CONSTRUCTION HOURS SHALL BE LIMITED FROM 7 AM TO 7 PM MON - SAT, EXCLUDING HOLIDAYS. THIS RESTRICTION INCLUDES THE START UP OF ANY MOTORIZED EQUIPMENT. ALL CONTRACTORS SHALL BE PROPERLY MUFFLED AND SHALL BE SHUT DOWN WHEN NOT IN USE. (HOURS ARE SUBJECT TO THE CONDITIONS OF APPROVAL)

THE CONTRACTOR SHALL BE FERPONSIBLE FOR REPAIRING DAMAGE OR DETERIORATION

ALL STREET TRENCHING REPAIR IN PUBLIC R/W REQUIRES USE OF A.C. HOTMIX, UNDER DIRECTION OF CITY INSPECTOR AND PER STD. 215 STREET TREES ARE REQUIRED AND SHALL BE PLANTED BY THE DEVELOPER. SELECTION WILL BE MADE FROM THE CITY'S APPROVED MASTER STREET TREE LIST AND APPROVED BY THE CITY'S PARKS DIVISION. PLANTING SHALL BE DONE IN ACCORDANCE WITH THE CITY "STANDARDS AND SPECIFICATIONS FOR PLANTING PARKWAY TREES". TREE PLANTING LOCATION SHALL BE MARKED BY CITY PARKS DIVISION URBAN FORESTRY SECTION PERSONNEL; CONTACT 707-543-3422. COPIES OF THE MASTER STREET TREE LIST AND THE STANDARDS ARE AVAILABLE AT THE PARKS DIVISION OFFICE, 707-543-3770. THE DEVELOPER SHALL PROVIDE A PERMANENT IRRIGATION SYSTEM TO STREET TREES. STREET TREES SHALL NOT BE PLACED WITHIN 40 FEET OF A STOP SIGN FOR VISIBILITY PURPOSES.

THE CONTRACTOR SHALL KEEP THE WORK SITE, STAGING AREAS AND OTHER AREAS USED BY IT IN A NEAT AND CLEAN CONDITION, AND FREE FROM ANY ACCUMULATION OF TRASH. THE CONTRACTOR SHALL DISPOSE OF ALL TRASH, RUBBISH AND WASTE MATERIALS OF ANY KIND GENERATED BY THE CONTRACTOR, SUBCONTRACTOR OR ANY COMPANY HIRED BY THE CONTRACTOR ON A DAILY BASIS. THE CONTRACTOR SHALL ALSO KEEP HAUL ROADS FREE FROM DIRT, RUBBISH, AND UNNECESSARY OBSTRUCTIONS RESULTING FROM SITE OPERATION. DISPOSAL OF ALL TRASH, RUBBISH AND DEBRIS MATERIALS SHALL BE IN A COVERED WASTE RECEPTACLE OR HAULED OFF SITE, IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES GOVERNING LOCATIONS AND METHODS OF DISPOSAL, AND IN CONFORMANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. WASTE RECEPTACLES SHALL BE COVERED AT THE END OF EVERY DAY AND DURING RAIN EVENTS.

ENSURE THE CONTAINMENT OF SANITATION FACILITIES (E.G., PORTABLE TOILETS) TO PREVENT DISCHARGES OF POLLUTANTS TO THE STORM WATER DRAINAGE SYSTEM, ROADS OR RECEIVING WATERS. SANITATION FACILITIES MUST BE MAINTAINED PERIODICALLY BY A LICENSED SERVICE COMPANY TO KEEP THEM IN GOOD WORKING ORDER AND PREVENT OVERFLOWS. PORTABLE TOILETS ARE REQUIRED TO HAVE SECONDARY CONTAINMENT. EQUIPMENT AND MATERIALS NECESSARY FOR SITE AT ALL TIMES. SPILLS AND LEAKS SHALL IMMEDIATELY AND DISPOSED OF PROPERLY. SPILLS SHALL ) AND THE MAT R BEST MANA( AGEMENT PRACTIC

RECORD DRAWINGS SHALL BE PRIOR TO FINAL ACCEPTANCE.

TEMPORARY STOCKPILES SHALL NOT BE LOCATED WITHIN CHANGET ATION/TREE AREAS OR WITHIN 10 FEET OF AN ADJACE STOCKPILES TALLER THAN 2.5 FEET SHALL NOT BE WITHIN THE PROPERTY LINE.

TEMPORARY STOCKPILES MUST BE REMOVED BY COMPLETION SEPARATE TEMPORARY USE PERMIT AND GRADING PERMIT IS C LOCATED WITHIN CREEK
OF AN ADJACENT
SHALL NOT BE WITHIN

RAIN WATER LEADERS AND ROOF DRAINS ARE TO BE CONNECTED BY DEVELO DRAIN SYSTEM OR SPLASH BLOCK. SEE ARCHITECTURAL PLANS FOR EXACT L SIZES. NO CONCENTRATED LOT DRAINAGE SHALL FLOW ACROSS SIDEWALKS.

CONTRACTOR SHALL SECURE A TRENCH PERMIT FROM THE CALIFORNIA DIVISION SAFETY PRIOR TO EXCAVATION OF ANY TRENCH OVER FIVE FEET IN DEPTH. THE CONTRACTOR SHALL IMPLEMENT AND MAI EROSION CONTROL AND /OR STORM WATER PADA COMPLIANCE: CONSTRUCTION CONTRACTHE AMERICAN WITH DISABILITIES ACT (ADA) IF CONSTRUCTION CONTRACTOR'S WORK PEDESTRIAN ACCESS, THE CONSTRUCTION COSIGNED ACCESSIBLE ROUTE OF TRAVEL. THIS NOT BE LIMITED TO NORMAL WORKING HOURS

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TRACTOR MUST COMPLY WITH THE REQUIREMENTS OF ADA) WHILE WORKING IN THE PUBLIC RIGHT—OF—WAY. RK IN THE PUBLIC RIGHT—OF—WAY WILL AFFECT CONTRACTOR IS REQUIRED TO PROVIDE A PROPERLY THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND DURS.

O MAINTAIN ALL APPLICABLE E

BMPS LISTED IN PLAN.

AT ANY TIME DURING THE FIRST 12 MONTH CONCRETE, THE SURFACE SHALL BE VISUAL OF BINDER FROM AGGREGATE OR LOSS OF THE ASPHALT CONCRETE SURFACE. THE METHOD FOR FIELDMIXED, LABORATORY—ASPHALT CONCRETE WITH A TSR LESS THACTORY ENGINEER.

ALL TRENCH SPOILS SHALL BE REMOVED AS THEY ARE GENERATED OR DISPOSED OF ON SITE AS REQUIRED BY THE GRADING PERMIT. EXCESS/UNSUITABLE MATERIAL DISPOSED OF OFFSITE AT AN APPROVED LOCATION BY ENGINEERING DEVELOPMENT SERVICES. CONTAIN AND SECURELY PROTECT STOCKPILED TRENCH BACKFILL AND WASTE MATERIAL FROM WIND AND RAIN AT ALL TIMES UNLESS ACTIVELY BEING USED. DO NOT BLOCK STORM WATER FLOWS.

ALL UNDERGROUND IMPROVEMENTS INCLUDING SEWER LINES, WATER LINES, STORM DRAINS, PUBLIC UTILITY FACILITIES, AND SERVICES SHALL BE INSTALLED, TESTED, AND ACCEPTED BY THE UTILITIES AND PUBLIC WORKS DEPARTMENTS PRIOR TO PAVING. TRENCH PAVING FOR ALL UTILITIES SHALL BE COONSTRUCTION CONTRACTOR MICHAEL 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. THE CONSTRUCTION CONTRACTOR FURTHER AGREES TO HOLD HARMLESS, INDEMNIFY AND DEFEND THE DESIGN PROPESSIONAL, THE OWNER AND THER CONSULTANTS, AND THE CITY OF SANTA ROSA, AND EACH OF THEIR OFFICERS, EMPLOYEES, AND AGENTS, 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. IN THE EVENT THAT ANY REMAINS OF ENCOUNTERED DURING PROJECT—RELATED A FINDS SHALL HALT AND THE CONTRAC SUPERINTENDENT AND THE CITY OF SANTA A QUALIFIED ARCHAEOLOGIST OR HISTORIC THE CITY OF SANTA ROSA, HAS EVALUATED TREATMENT OF THE RESOURCE, AND WHOSE BURIAL REMAINS ARE ENCOUNTERED, THE CORONER.

PERMANENT MONUMENTS AS SHOWN ON THE PLANS SHALL BE FURNISHED AND INSTALLED THE CONTRACTOR IN ACCORDANCE WITH THE STANDARD PLANS AFTER COMPLETION OF STREET IMPROVEMENTS AND STAKED IN THE FIELD BY THE ENGINEER OR SURVEYOR.

ENGINEER/SURVEYOR SHALL COORDINATE WITH THE CONTRACTOR TO RESET MONUMENTS PROVIDE PERMANENT WITNESS MONUMENTS AND FILE THE REQUIRED DOCUMENTATION WITH COUNTY SURVEYOR, PURSUANT TO BUSINESS AND PROFESSIONS CODE SECTION 8771.

THE DEVELOPER ASSUMES ALL RESPONSIBILITY FOR THE APPROVAL OF MAILBOX LOCATIONS THE LOCAL BRANCH OF THE UNITED STATES POSTAL SERVICE.

REQUIRED

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ITHS FROM THE TIME OF PLACEMENT OF THE ASPHALT JALLY INSPECTED BY THE CITY. IF SIGNS OF STRIPPING OF AGGREGATE IS APPARENT, THE CITY SHALL CORE HE CORE SAMPLES SHALL BE PREPARED PER THE Y—COMPACTED SPECIMENS AND TESTED FOR TSR. THAN 70 SHALL BE REMEDIATED AS REQUIRED BY THE

THE LOCATIONS OF UNDERGROUND OBSTRUCTIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE ONLY AND SHOULD NOT BE TAKEN AS FINAL OR ALL INCLUSIVE. THE CONTRACTOR IS CAUTIONED THAT THE DRAWINGS MAY NOT INCLUDE ALL EXISTING UTILITIES INCLUDING SEWERS AND STORM DRAINS PRIOR TO ANY TRENCHING TO ALLOW THE ENGINEER TO VERIFY THE GRADE AND ALIGNMENT OF THE UTILITIES, AND VERIFY DESIGN ASSUMPTIONS AND EXACT FIELD LOCATION. EXISTING UTILITIES MAY REQUIRE RELOCATION AND /OR PROPOSED IMPROVEMENTS MAY REQUIRE GRADE OR ALIGNMENT REVISION DUE TO FIELD CONDITIONS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING DAMAGE OR DETERIORATION OCCURRING TO EXISTING PUBLIC IMPROVEMENTS AS A DIRECT RESULT OF CONSTRUCTION ACTIVITY (GRADING, ROAD CONSTRUCTION, UTILITY INSTALLATION, ETC.). REPAIR MAY REQUIRE PATCHING, SEALING OR OVERLAYING AFFECTED AREAS AS APPROPRIATE TO RETURN THE ROADS TO AT LEAST AS GOOD A CONDITION AS THEY WERE PRIOR TO CONSTRUCTION. IF THE CONTRACTOR DOES NOT ACT IN A TIMELY MANNER, THE CITY MAY, AT ITS DISCRETION PERFORM THE CORRECTION AND CHARGE THE CONTRACTOR FOR ALL COSTS AND OVERHEAD INCURRED. TO CITY COMPLETION

AND

≤16.0% 16.1−18 18.1−21 NOTE REQUIRED
70 (MINIMUM)
80 (MINIMUM)

PROJECT SPECIFIC REQUIRED NOTES

PROJECT GEOTECHNICAL ENGINEER SHALL R
CONSTRUCTION AND SHALL CLEAR EXISTIN
WORKS DEPARTMENT MATERIALS LAB. IF
ROADWAY SHALL BE RECONSTRUCTED TO CE
EXPANSION INDEX (EI) OF 21-50 IS LOW, AN
BY THE SOILS ENGINEER AND ALL AREAS W
A MOISTURE BARRIER (SEE DETAIL) OR
MATERIAL BELOW EI 51 CONTACT CITY
SUBGRADE CERTIFICATION FOR EI TO CITY M.
SECTION 39 ASPHALT CONCRETE OF THE
IMPROVEMENTS SHALL INCLUDE THE FOLL
REQUIREMENT FOR SAND EQUIVALENT SH,
SURFACE AND 45 (MINIMUM) FOR ASPHALT
MEET THE FOLLOWING REQUIREMENTS:

MICRO-DEVAL (ASTM D6928-10)\*

TEN HE CITY CONSTRUCTION SPECIFICATIONS FOR PUBLIC OLLOWING: THE LABORATORY ACCEPTANCE TESTING SHALL BE 50 (MINIMUM) FOR ASPHALT CONCRETE SHALL CONCRETE BASE. ALL ASPHALT CONCRETE SHALL

\*ASPHALT CONCRETE WITH A MICRO-DEVAL LOSS GREATER THAN 21.0% SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. IN ADDITION, NO SINGLE SOURCE OF ASPHALT CONCRETE AGGREGATE SHALL HAVE A MICRO-DEVAL LOSS GREATER THAN 21.0% \*\*TSR TESTING SHALL BE PERFORMED ON RECOMPACTED ASPHALT CONCRETE (PER ASTM D7870), OBTAINED FROM FIELD CORES, AND TESTED WITHIN 30 DAYS OF ASPHALT CONCRETE PLACEMENT. SPECIMENS TESTED SHALL INCLUDE 1 UNCONDITIONED SAMPLE, AND 2 CONDITIONED SAMPLES AS FOLLOWS:

A) 20.0 HOUR ADHESION CYCLE @ 60°C
B) 3500 CYCLES @ 40 PSI AND 60°C

SIMILAR AREAS THAT MAY CONTAIN SOIL OR ONTO THE SURROUNDING CITY OF SANTA ROSA (
NO GRADING, CLEARING OR
GRADING PERMIT BY THE CITY

SITE PERIMETER CONTROLS AND STABILIZE ALL TO SUFFICIENTLY CONTROL EROSION AND SEDIMENT FROM LEAVING THE SITE. AT A MINIMUM DAILY AND TRACTOR SHALL REMOVE ANY SEDIMENT OR OTHER ERIALS THAT ARE DEPOSITED ON THE ROADS (BY

CONTRACTOR SHALL OBTAIN A DE-WATERING PERMIT FROM THE NORTH COAST REGIONATER QUALITY CONTROL BOARD FOR ANY DEWATERING OPERATIONS THAT ARE USED MANAGE THE REMOVAL OF GROUND WATER FROM EXCAVATIONS WITH THE INTENT DOWNSTREAM DISCHARGE TO THE WATERS OF THE STATE OR THE STORM DRAIN SYSTEM. VEGETATION OF SANTA ROSA INDUSTRIAL WASTE DIVISION.

A NOTICE OF INTENT TO COMPLY WITH THE TERMS OF THE GENERAL PERMIT TO DISCHARGEN WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY MUST BE FILED WITH THE NOTICE OAST REGIONAL WATER QUALITY CONTROL BOARD PRIOR TO THE ISSUANCE OF ANY GRAPERMIT (CALL 707-576-2220 FOR INFORMATION).

TEMPORARY STOCKPILES SHALL NOT BE LOCATED WITHIN CREEK SETBACK AREAS, PROTECT VEGETATION/TREE AREAS OR WITHIN 10 FEET OF AN ADJACENT RESIDENTIAL PROPERTY LINE.

TEMPORARY STOCKPILES MUST BE REMOVED BY COMPLETION OF GRADING ACTIVITIES. OTHERWISE A SEPARATE TEMPORARY USE PERMIT AND GRADING PERMIT ARE REQUIRED FOR THE STOCKPILE.

DUST CONTROL SHALL BE PROVIDED BY CONTRACTOR DURING ALL PHASES OF CONSTRUCTION.

GRADING SHALL OCCUR ONLY BETWEEN MAY 1 AND OCTOBER 1 UNLESS OTHERWISE APPROVED BY THE CHIEF BUILDING OFFICIAL IN CONJUNCTION WITH AN APPROVED EROSION AND SEDIMENT CONTROL PLAN AND A GRADING SCHEDULE TO BE SUBMITTED TO PLANNING AND SEDIMENT CONTROL PLAN AND A GRADING SCHEDULE TO BE SUBMITTED TO PLANNING AND SEDIMENT DEVELOPMENT ENGINEERING WITH THE GRADING PERMIT APPLICATION. WINTERIZATION OF THE PROJECT SHALL BE THE FIRST ORDER OF WORK.

SITE GRADING SHALL BE DONE UNDER OBSERVATION OF THE PROJECT GEOTECHNICAL ENGINEER AND SHALL BE IN COMPLIANCE WITH CHAPTER 18 APPENDIX J, 2016 EDITION OF THE CALIFORNIA BUILDING CODE AND THE RECOMMENDATIONS CONTAINED IN THE SOILS REPORT, TITLED GEOTECHNICAL STUDY PREPARED BY PYRAMID GEO—ENGINEERING, INC. AND DATED JULY 8, 2016.

EXISTING NON-COMPLYING FILLS AS IDENTIFIED IN THE PROJECT GEOTECHNICAL INVESTIGATION SHALL BE REMOVED OR BROUGHT INTO COMPLIANCE WITH CHAPTER 18, AND APPENDIX J, 2016 EDITION OF THE CALIFORNIA BUILDING CODE, AND THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.

DRAINAGE FROM UPSTREAM PROPERTIES CONSTRUCTION OF IMPROVEMENTS. EXCESS AND UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE APPROVED BY THE CITY BUILDING DIVISION AND CITY FIRE DEPARTMENT. IN WRITING PRIOR TO REMOVAL OF MATERIAL. SHALL NOT ΒE BLOCKED ВΥ GRADING AN AREA S MUST BE DURING 유

PRIOR TO ANY GRADING OPERATION, THE CONTRACTOR SHALL INSTALL PROTECTIVE FENCING AROUND THE DRIP LINE OF TREES TO BE SAVED IN COMPLIANCE WITH THE CITY TREE ORDINANCE. THE CUTTING, FILLING, PAVING OR TRENCHING WITHIN ROOT ZONES OF TREES TO BE SAVED MUST BE REVIEWED AND APPROVED BY A CITY APPROVED ARBORIST AND PERFORMED UNDER THEIR ON SITE SUPERVISION. HAZARDOUS MATERIAL SHALL BE REMOVED AND DISPOSED OF ACCORDING TO THE REQUIREMENTS OF THE CITY'S FIRE DEPARTMENT. THE APPLICANT IS REQUIRED TO DEMONSTRATE COMPLIANCE WITH STATE AND LOCAL CODES FOR REMOVAL OF ASBESTOS CONTAINING MATERIALS DURING DEMOLITION OF ANY STRUCTURES ON THE PROJECT SITE. BE AFFORDED

DEVELOPMENT MUST CONFORM TO 40 CFR (CODE OF FEDERAL REGULATIONS) PARTS 122, 123 AND 124 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT APPLICATIONS FOR STORM WATER DISCHARGE. PROJECT MUST ALSO CONFORM WITH ANY DESIGN AND CONSTRUCTION POLICIES ADOPTED BY THE CITY TO CONFORM WITH THESE REGULATIONS.

UNDER 40 CFR, CONSTRUCTION ACTIVITY INCLUDES CLEARING, GRADING AND EXCAVATION ACTIVITIES. THESE ACTIVITIES REQUIRE OBTAINING AN NPDES PERMIT FROM THE STATE WATER RESOURCES CONTROL BOARD FOR PROJECTS WHICH QUALIFY, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITY.

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EXISTING STREETS BEING CUT BY NEW SERVICES WILL REQUIRE EDGE GRINDING PER CITY SEWER SYSTEM DESIGN STANDARD 209, TRENCHING PER STANDARD 507 UNDER AN ENCROACHMENT OF SEVAINS AND SERVICES AND CITY STANDARD 507 UNDER AN ENCROACHMENT OF SEVAINS AND SERVICES AND CITY STANDARD 507 UNDER AN ENCROACHMENT OF SEVAINS AND SERVICES AND CITY STANDARD 507 UNDER AN ENCROACHMENT OF SEVAINS AND SERVICES AND CITY STANDARD 507 UNDER AN ENCROACHMENT OF WATER SYSTEM DESIGN STANDARDS SECTION XIII, ABANDONMENT OF WATER STANDARD SOT UNDER AN ENCROACHMENT OF WATER STANDARD 507 UNDER AN ENCROACHMENT OF WATER STANDARD SOT UNDER AN ENCROACHMENT OF WATER MUST BE COLLECTED BY THE CITY METER SHOP. CALL BE DESIGNED ANT EXISTING WATER METER MUST BE COLLECTED BY THE CITY METER SHOP. CALL BE DESIGNED ANT EXISTING SEPTIC SYSTEM EALTH COST.

LS ENGINEER. COST. ANY BROKEN CURB, L BE REMOVED UNDER SUPERVISION NO SONOMA COUNTY PERMIT AND SONOMA COUNTY PERMIT AND SONOMA COUNTY PERMIT AND SONOMA COUNTY PERMIT IS THE FOR THE PERMIT OF T ART OF THIS PLAN. THE CONTRESPONSIBLE FOR THEIR COMFD FROM ENGINEERING DEVELOPED ARTMENT PRIOR TO BEGINNION ON UTILITIES LOCATED WITHIN BE REPLACED PER CURRENT INSTALLED IN ACCORDANCE AND AS REQUIRED BY THE AT THE SEWER CITY CONSTRUCTION NOTES

MONTECITO TOWNHOMES

6521 MONTECITO BLVD SANTA ROSA, CA 95409

## SANTA ROSA GRADING NOTES

ATTERBURY AND ASSOCIATES, INC.

GENERAL

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SETBACK AREAS, PROTECTED RESIDENTIAL PROPERTY LINE. 50 FEET OF AN ADJACENT

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CONTRACTOR SHALL PROTECT EXISTING DRAINAGE PHASES OF CONSTRUCTION. FACILITIES FROM

DRIP-LINES OF TREES OVERHANGING THE PROPERTY LINE SHALL LEVEL OF PROTECTION AS TREES ON SITE THAT ARE TO REMAIN. TOLERANCE 유 PAD

ALL PADS SHALL BE CONSTRUCTED TO A ELEVATION.

SEWER AND/OR WATER CONNECTIONS TO EXISTING RESIDENCES REQUIRE A PLUMBIN FROM THE CITY BUILDING DIVISION.

ANY ONSITE DRAINAGE SYSTEMS PROPOSED FOR CUSTOM LOTS SHALL BE SHOWN ON PLAN SUBMITTED FOR REVIEW WITH THE LOTS BUILDING PERMIT APPLICATION.

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OF PREHISTORIC OR HISTORIC HUMAN ACTIVITIES ARE TED ACTIVITIES, WORK IN THE IMMEDIATE VICINITY OF THE NTRACTOR SHALL IMMEDIATELY NOTIFY THE PROJECT ANTA ROSA INSPECTOR. WORK SHALL NOT RESUME UNTIL TORIC ARCHAEOLOGIST, AS APPROPRIATE, APPROVED BY UATED THE SITUATION AND MADE RECOMMENDATIONS FOR WHOSE RECOMMENDATIONS ARE CARRIED OUT. IF HUMAN THE CONTRACTOR MUST ALSO CONTACT THE COUNTY

PRIOR TO ANY GRADING OPERATION THE GRADING CONTRACTOR AND GEOTECHNICAL ENGINEER SHALL JOINTLY SEARCH THE SITE FOR EXISTING WELL SYSTEMS. PROJECT SHALL NOTIFY THE CITY OF FINDINGS.

PROJECT SPECIFIC REQUIRED NOTES

PROJECT SPECIFIC REQUIRED NOTES

ANY EXISTING WELLS TO BE ABANDONED SHALL
WELL ORDINANCE AS ADMINISTERED BY THE CITY
FROM THE SONOMA COUNTY PERMIT & RESOURCE BE DONE IN ACCORDANCE BUILDING OFFICIAL PERMITS MANAGEMENT DEPARTMENT.

PRIVATE DRIVEWAYS SHALL BE CONSTRUCTED UNDER THE OBSERVATION OF ENGINEER IN COMPLIANCE WITH THE CITY DESIGN AND CONSTRUCTION STANDARDS. AND FINAL REPORTS SHALL BE FURNISHED TO THE CITY IN COMPLIANCE WITH C.B. INSPECTION REQUIREMENTS. ALL COSTS RELATED TO SUCH SPECIAL INSPECTIONS BORNE BY THE OWNER/DEVELOPER. THE SOILS 3. PROGRESS 3.C. SPECIAL 5. SHALL BE

CONDITIONS OF APPROVAL

THE PROJECT TENTATIVE MAP AND COPLANNING COMMISSION RESOLUTION 11 CONTRACTOR IS RESPONSIBLE FOR RECORDED.

### ROSA REQUIRI NOTES

N, AND 51-90 IS MEDIUM. SUBGRADE S IS WITH EI OF 51 OR GREATER WILL BE OR RECEIVE A SUBEXCAVATION AN ITY MATERIALS LAB PRIOR TO SAN Y MATERIAL LAB.

NDE SHALL BE TESTED
LL BE PROTECTED BY
LL AND BACKFILL OF
SAMPLING. PROVIDE

REVIEW THE EXISTING STRUCTURAL SECTION DURING STING SECTION WITH CITY OF SANTA ROSA PUBLIC IF STRUCTURAL SECTION IS NOT ADEQUATE THE CENTERLINE ALONG PROJECT FRONTAGE.

CITY A QUALIFIED ARCHAEOLOGIST OR GROUND DISTURBING ACTIVITIES.

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August 30,

2022

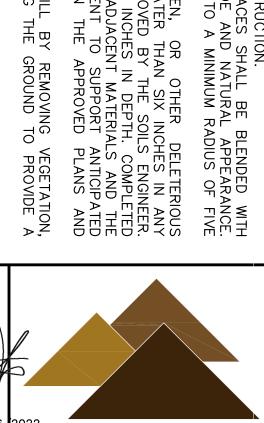
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EASEMENTS.	21. ALL PROJECT CONDITIONS OF APPROVAL ARE A PART OF THIS PLAN. THE CONTRACTOR IS RESPONSIBLE FOR BEING FAMILIAR WITH THEM AND IS RESPONSIBLE FOR THEIR COMPLIANCE.  22. AN ENCROACHMENT PERMIT MUST BE OBTAINED FROM ENGINEERING DEVELOPMENT SERVICES OF PLANNING AND ECONOMIC DEVELOPMENT DEPARTMENT PRIOR TO BEGINNING ANY WORK WITHIN THE PUBLIC RIGHT—OF—WAY OR FOR WORK ON UTILITIES LOCATED WITHIN PUBLIC	19. FILL SHALL NOT BE PLACED ON NATURAL SLOPES STEEPER THAN 2H:1V (50 PERCENT). 20. FILLS INTENDED TO SUPPORT STRUCTURES OR SURCHARGES SHALL BE COMPACTED TO A MINIMUM OF 90 PERCENT OF MAXIMUM DRY DENSITY, AS DETERMINED BY ASTM D 1557, MODIFIED PROCTOR. A HIGHER COMPACTION PERCENTAGE MAY BE REQUIRED BY THE SOILS ENGINEER.	SURFACES SHALL BE PREPARED OTHER UNSUITABLE MATERIALS, FILL MATERIAL.	CONSTRUCTED IN LIFTS NOT EXCEEDING EIGHT INCHES IN DESTABLE, WELL—INTEGRATED, AND BONDED TO ADJACENT MATHICH THEY REST. FILLS SHALL BE COMPETENT TO SUPPOSTABLE AT THE DESIGN SLOPES SHOWN ON THE APPROPRIATE OF THE SOILS ENGINEER	17. FILL MATERIAL SHALL NOT INCLUDE ORGANIC, FROZEN, OR OTHER DELETERIOUS MATERIALS. NO ROCK OR SIMILAR IRREDUCIBLE MATERIAL GREATER THAN SIX INCHES IN ANY DIMFNSION SHALL REFUNCIONED IN FILLS FXCEPT WHERE APPROVED BY THE SOILS FNGINFER	16. CONTOURS, ELEVATIONS, AND SHAPES OF FINISHED SURFACES SHALL BE BLENDED WITH ADJACENT NATURAL TERRAIN TO ACHIEVE A CONSISTENT GRADE AND NATURAL APPEARANCE. BORDERS OF CUT SLOPES AND FILLS SHALL BE ROUNDED OFF TO A MINIMUM RADIUS OF FIVE FEET TO BLEND WITH THE NATURAL TERRAIN.	15. SHOULD GRADING OPERATIONS ENCOUNTER HAZARDOUS MATERIALS, OR WHAT APPEAR TO BE HAZARDOUS MATERIALS, STOP WORK IMMEDIATELY IN THE CONTAMINATED AREA AND CONTACT 911 OR THE APPROPRIATE AGENCY FOR FURTHER INSTRUCTION.	UTILITIES INCLUDE BUT ARE NOT LIMITED TO WATER, SEWER, ELECT AND CABLE/TV. THE EXCAVATOR SHALL DELINEATE WITH PAINT RKINGS THE AREA TO BE EXCAVATED.	CORD,	THE CONTRACTOR SHALL CONTACT THE UNDERGROUND SERVICE ALERT (USA), AT 811 ST TWO WORKING DAYS, BUT NOT MORE THAN 14 CALENDAR DAYS, PRIOR TO EXCAVA-	OR DRAINAGE PERMIT AND PROJECT SITE THROUGHOUT	E SHALL PROVIDE	PECTIONS FROM ALL PERTINENT PUBLIC AGENCIES AND GEOTECHNICAL INST E COURSE OF CONSTRUCTION. PROJECT SHALL BE FINALED BY / NSTRUCTION BY THE OWNER AND PUBLIC AGENCIES.	IO. OWNER SHALL PROVIDE ONE SEL OF CONSIRIE FOR ORTAINING WRITTEN APPROVALS AND  11 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ORTAINING WRITTEN APPROVALS AND	FY SUBGRADE ELEVATIONS AND ASSUME RESPONSIBILITY FOR MENCEMENT OF CONSTRUCTION.	FIII KEYWAYA - GEOTEGIINICAE
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OTHER Atterbury & Associates, Inc.

RACTOR SHALL BE RESPONSIBLE FOR OBTAINING WRITTEN APPROVALS AND CONSTRUCTION. PUBLIC AGENCIES AND GEOTECHNICAL INSPECTIONS DURING OF CONSTRUCTION. PROJECT SHALL BE FINALED BY ACCEPTANCE OF BY THE OWNER AND PUBLIC AGENCIES.

TTEE SHALL PROVIDE ADEQUATE AND SAFE ACCESS TO THE PROJECT SITE FOR NING THE PERFORMANCE OF ALL WORK.

NG OR DRAINAGE PERMIT AND A COPY OF THE APPROVED PLANS SHALL BE THE PROJECT SITE THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES. ON-SITE SHALL NOT INHIBIT OFF-SITE DRAINAGE. STRIPPING AND CLEARING E CONFINED TO ONLY AREAS TO BE IMPROVED. STOCKPILE STRIPPING IORIZED BY THE OWNER. EQUIPMENT AND MATERIAL STORAGE AREAS SHALL THE OWNER. SET OF CONSTRUCTION STAKES. OBLITERATED OR DISTURBED THE CONTRACTOR'S EXPENSE. AND FILL EXCAVATION
CONTRACTOR SHALL
THE PROJECT AT

ND OF FILL KEYWAYS AND PERFORM PERIODIC COMPACTION TESTING. ERIFY SUBGRADE ELEVATIONS AND ASSUME RESPONSIBILITY FOR OMMENCEMENT OF CONSTRUCTION.

1. OWNER SHALL PROVIDE ONE SET OF CONSTRUCTION STAKES SHALL BE REPLACED AT THE CONTRACTOR

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NG CONSTRUCTION AND IF DAMAGED CONTRACTOR SHALL RESTORE SING CONSTRUCTION AND IF DAMAGED CONTRACTOR SHALL RESTORE SING CONSIBILITY FOR ANY OBSTRUCTIONS EITHER SHOWN OR NOT SHOWN ON THE CONTRACTOR SHALL PERFORM TRENCH WORK IN ACCORDANCE WITH CONTRACTOR SHALL PERFORM TRENCH WORK IN ACCORDANCE WITH FORNIA DIVISION OF INDUSTRIAL SAFETY. SAID WORK SHALL CONTRACTOR SHALL SAFETY AND HEALTH STANDARDS, RULES, RESTABLISHED BY THE STATE OF CALIFORNIA AND THE CITY OF SANTATE CONTRACTOR SHALL DO NO EXCAVATION UNTIL ALL EXISTING UTILITY. THE CONTRACTOR SHALL NOTIFY EACH UTILITY COMPANY AT LEAST AT ACTION WORK. ALL MATERIALS TO BE USED ARE TO BE APPROVED BY THE ENGINEER PRIOR TO THEIR EMENT. ANY MATERIALS INSTALLED PRIOR TO APPROVAL ARE SUBJECT TO REMOVAL.

AFTER COMPLETION OF WORK, WORK AREAS SHALL BE RESTORED TO THE ORIGINAL ON BY THE CONTRACTOR.

ACCUTION OF LINDERCECTION AND OVERHEAD LITTLES SHOWN ON BY ARE ND AND OVERHEAD UTILITIES

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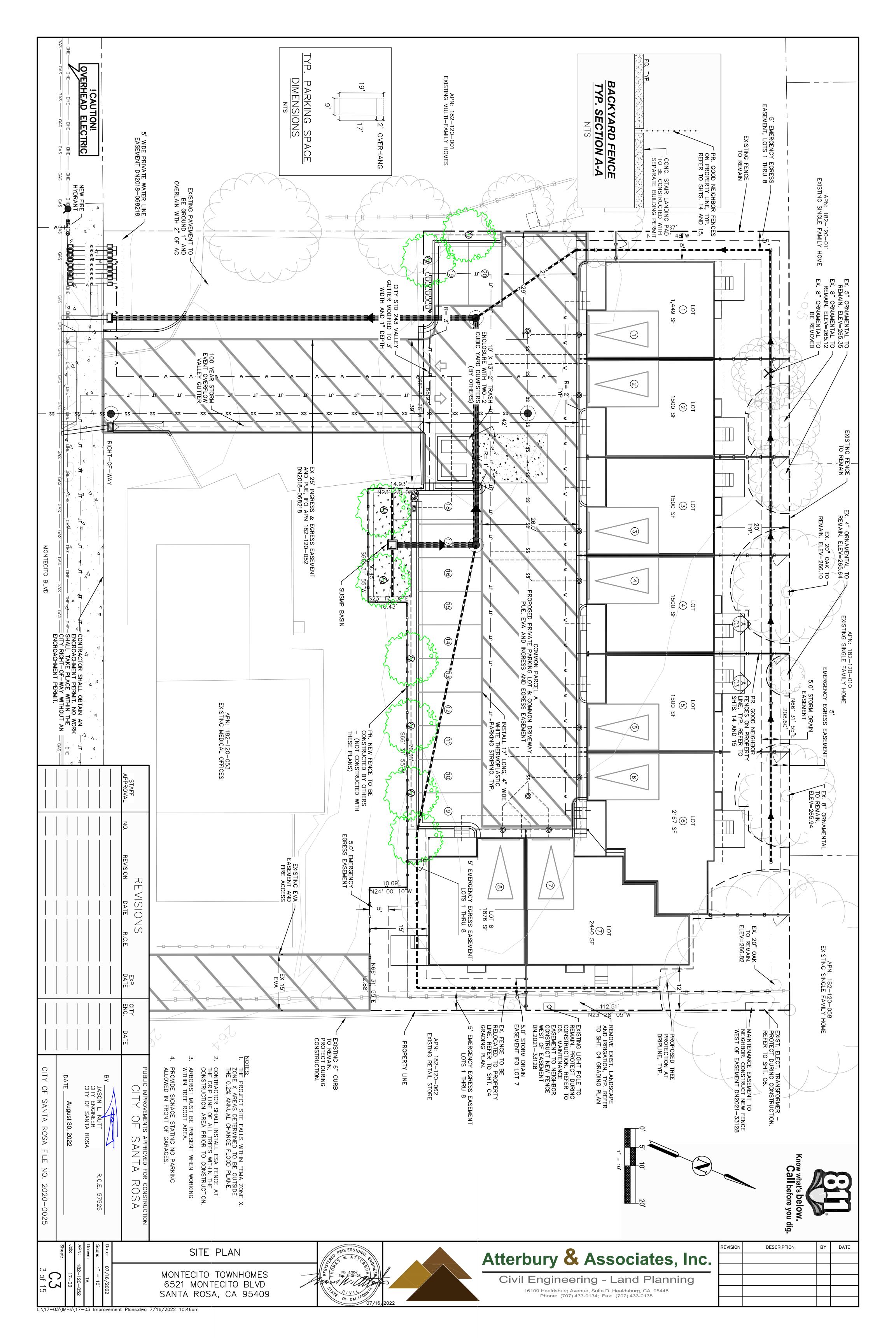
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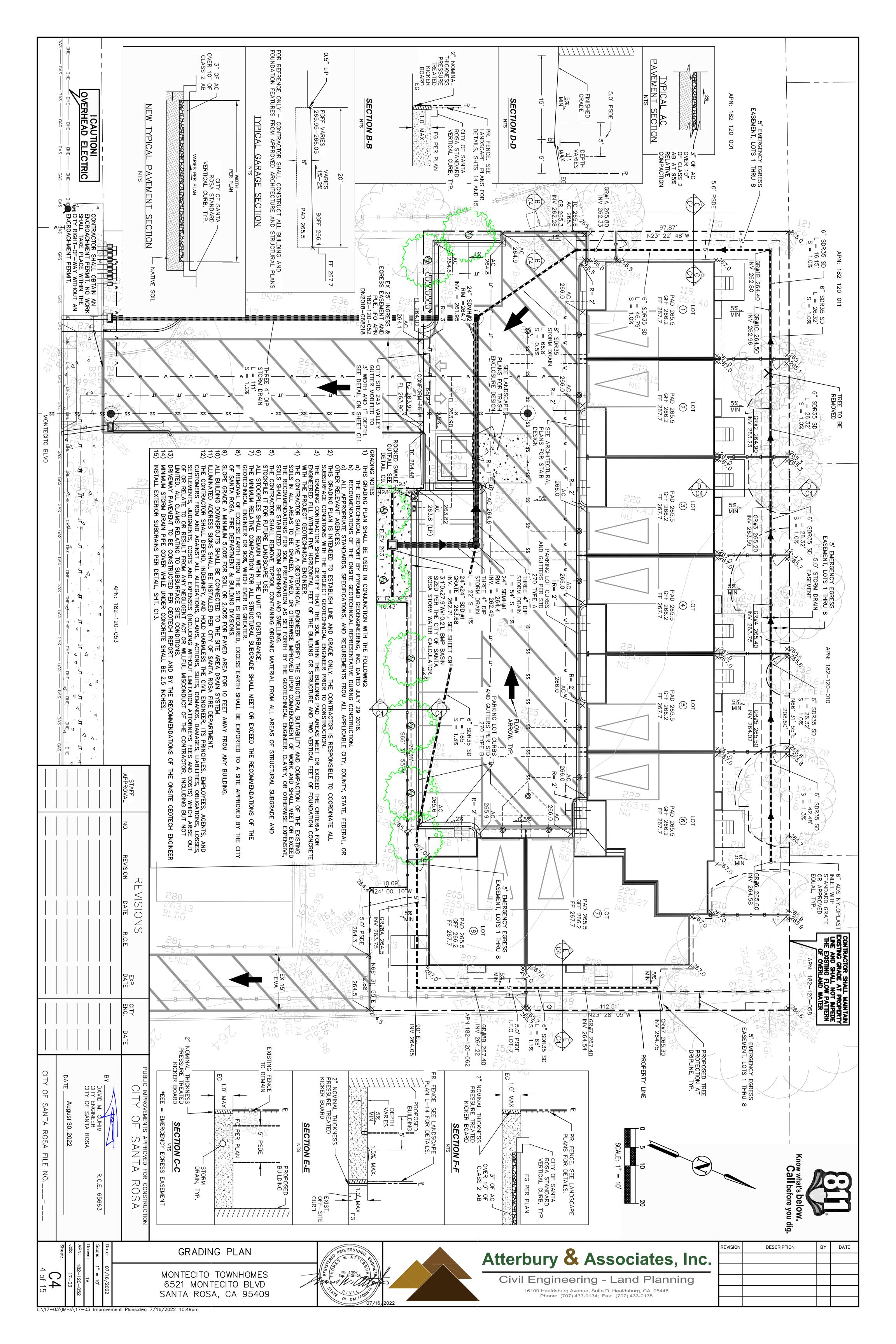
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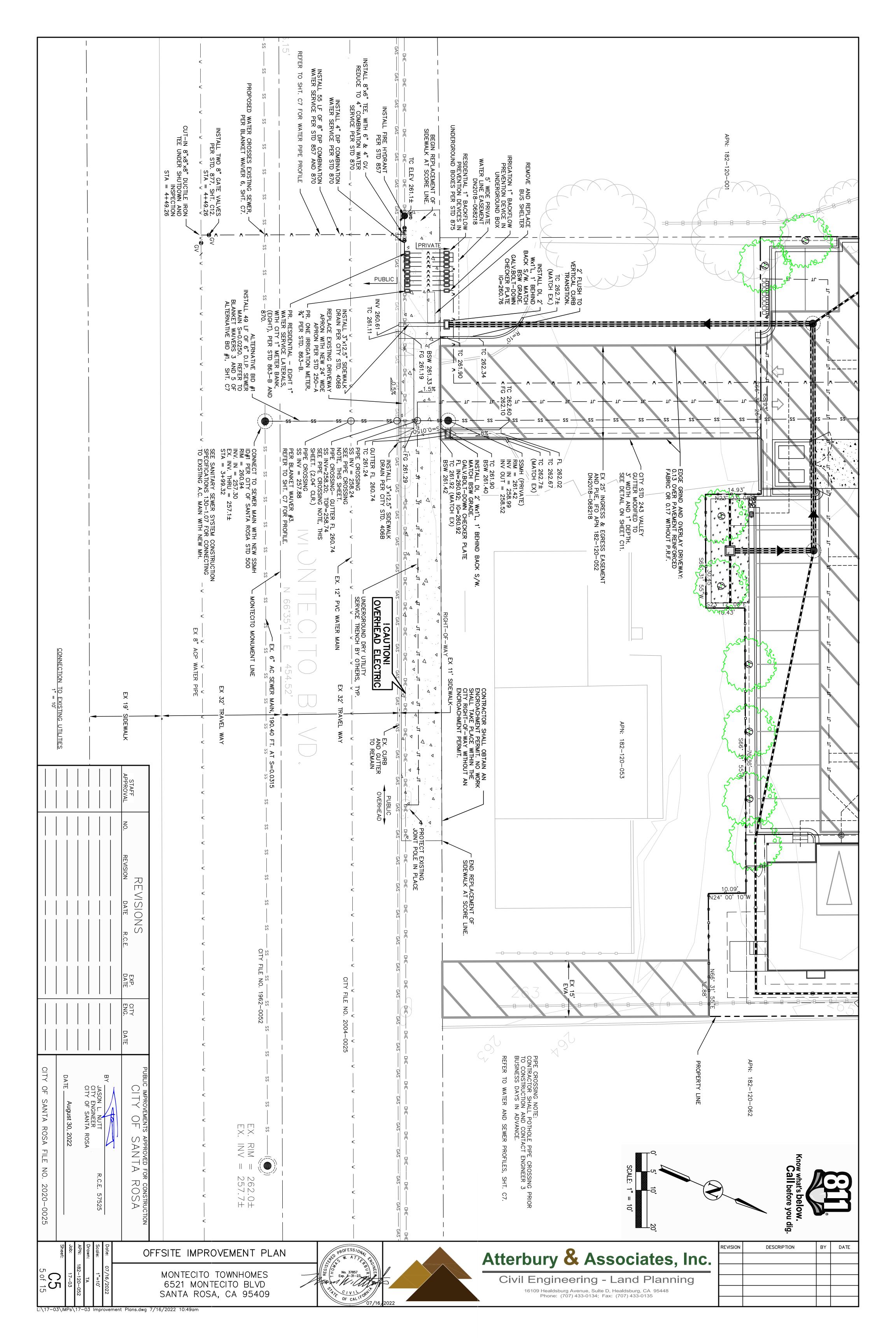
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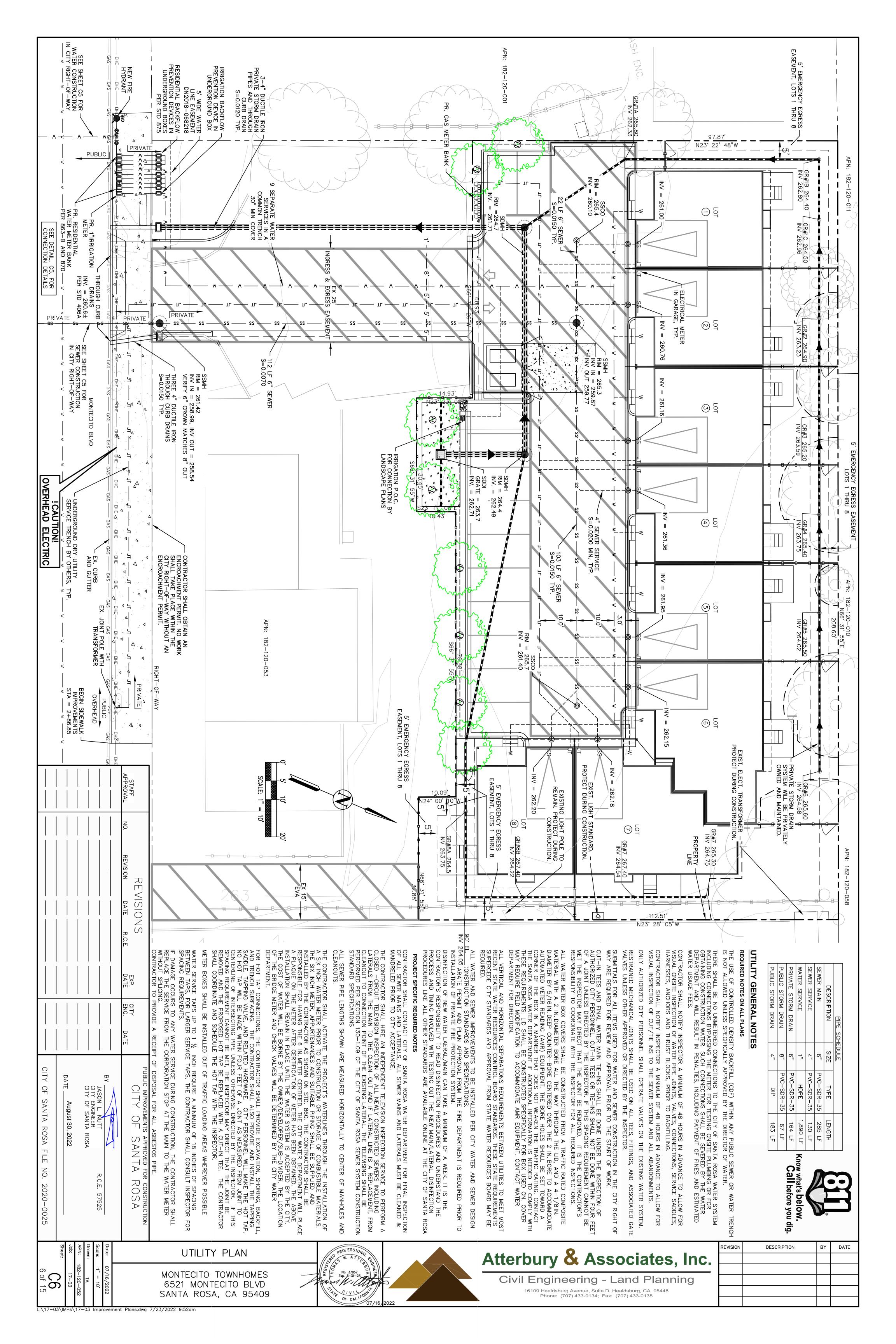
**DESCRIPTION** 

Civil Engineering - Land Planning 16109 Healdsburg Avenue, Suite D, Healdsburg, CA 95448









## REQUIRED NOTES ON CITY OF SANTA ROSA EROSION AND SEDIMENT CONTROL NOTES

EROSION AND SEDIMENT CONTROL MEASURES SHALL BE USED TO ENSURE THAT WATER ENTERING THE DRAIN SYSTEM FROM THE CONSTRUCTION SITE IS OF EQUIVALENT QUALITY AND CHARACTER AS THE ABOVE THE SITE. EROSION AND SEDIMENT CONTROL SHOWN ON THIS SHEET ASSUMES STREET, CURB, GUTTER AND STORM DRAINS ARE COMPLETED PRIOR TO RAINS. PROJECT ENGINEER SHALL PREPARE INTERIM DRAINAGE AND EROSION AND SEDIMENT CONTROL PLAN BASED ON WINTER CONDITIONS FOR CITY APPROVAL PRIOR TO CONTRACTOR INSTALLATION. A CURRENT EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED AND KEPT ON THE JOB SITE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTANT MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES TO THE SATISFACTION OF THE ENGINEER AND CITY OF SANTA ROSA AND IN ACCORDANCE WITH THE PROJECT SWPPP (IF APPLICABLE). EROSION AND SEDIMENT CONTROL MEASURES AND THEIR INSTALLATION SHALL BE ACCOMPLISHED USING BEST MANAGEMENT PRACTICES.

IF THE STORM DRAIN SYSTEM IS NOT IN PLACE BY OCTOBER 15, ADDITIONAL MEASURES SHALL BE TAKEN SUCH AS TEMPORARY SETTLING BASINS WHICH MEET THE SATISFACTION OF THE ENGINEER AND THE CITY OF SANTA ROSA. SILT AND/OR CATCH BASINS MUST BE CLEANED OUT ON A REGULAR BASIS AFTER STORMS TO MAINTAIN DESIGN CAPACITY. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED IN FRONT OF INCOMPLETE STORM SYSTEMS TO PREVENT DEBRIS AND SEDIMENT—LADEN WATER FROM ENTERING INTO THE PUBLIC STORM SYSTEM. BEST MANAGEMENT PRACTICES SHALL BE USED WHEN DESIGNING AND INSTALLING SUCH DEVICES.

STORM WATER RUNOFF FROM THE CONSTRUCTION SITE SHALL BE DIRECTED TOWARD AN INLET WITH A SEDIMENT OR FILTRATION INTERCEPTOR PRIOR TO ENTERING THE STORM DRAIN SYSTEM.

THE CONTRACTOR WILL BE RESPONSIBLE FOR CLEANING WATER THAT HAS BECOME POLLUTED DUE TO NOT TAKING NECESSARY EROSION AND SEDIMENT CONTROL ACTIONS.

BEST MANAGEMENT PRACTICES SHALL BE VISUALLY MONITORED ON A WEEKLY BASIS DURING THE DRY SEASON AND RECORDED IN AN INSPECTION CHECKLIST. RAIN EVENT VISUAL MONITORING SHALL BE PERFORMED WITHIN 48 HOURS PRIOR TO AN ANTICIPATED RAIN EVENT, DAILY DURING A RAIN EVENT AND WITH 48 HOURS FOLLOWING A RAIN EVENT. REMOVE SEDIMENT WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE BARRIER AND REPLACE FILTER DEVICES AS NECESSARY TO ENSURE PROPER FUNCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF MUD AND DEBRIS CARRIED ONTO SURROUNDING STREETS AND ROADS AS A RESULT OF CONSTRUCTION ACTIVITY ON THE SITE TO THE SATISFACTION OF THE CITY OF SANTA ROSA.

ANY DENUDED OR DISTURBED SOILS SHALL BE PROTECTED USING BEST MANAGEMENT PRACTICES.

PRIOR TO AND DURING A PRECIPITATION EVENT, ALL PAVED AREAS WILL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED BY THE DEVELOPER, CONTRACTOR OR OWNER SO THAT A MINIMUM OF SEDIMENT—LADEN RUNOFF LEAVES THE SITE.

THE CONTRACTOR SHALL INFORM ALL CONSTRUCTION SITE WORKERS ABOUT THE MAJOR PROVISIONS OF THE EROSION AND SEDIMENT CONTROL PLAN AND SEEK THEIR COOPERATION IN AVOIDING THE DISTURBANCE OF THESE CONTROL MEASURES.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED PURPOSE SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED CLONGER FUNCTIONING PER BEST MANAGEMENT PRACTICES. UNSTABILIZED AREAS WILL BE REPAIRED AS SOON AS POSSIBLE AFTER BEING DAMAGED.

ALL GRADED OR DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE ENTRANCE TO THE PROJECT SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OF SEDIMENT INTO PUBLIC RIGHT-OF-WAY. WHEN NECESSARY, WHEELS SHALL BE CLEANED SEDIMENT PRIOR TO ENTRANCE OF PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED IT SHALL AN AREA STABILIZED WITH CRUSHED ROCK THAT DRAINS INTO A SEDIMENT TRAP.

ALL SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO PUBLIC RIGHTS-OFWAY SHALL BE REMOVED USING BEST MANAGEMENT PRACTICES. BE REPAIRED OR REPLACED WHEN THEY ARE NO WHEN THEY HAVE SERVED IMMEDIATELY THEIR

THE CONTRACTOR SHALL HAVE EROSION AND SEDIMENT CONTROL MEASURES ON SITE ADEQUATE TO PROTECT THE ENTIRE SITE PRIOR TO THE OCTOBER 1ST DATE SUCH THAT IT IS IMMEDIATELY AVAILABLE IN PREPARATION OF THE UPCOMING WINTER SEASON OR IN THE EVENT OF AN EARLY RAIN.

AFTER CONSTRUCTION IS COMPLETE ALL STORM DRAIN SYSTEMS ASSOCIATED WITH THIS PROJECT SHALL BE INSPECTED AND CLEARED OF ACCUMULATED SEDIMENTS AND DEBRIS.

PROJECT SPECIFIC REQUIRED NOTES

ALL PROJECTS DISTURBING OR EXPOSING ONE ACRE OR MORE OF SOIL SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT OF STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION AND LAND DISTURBANCE ACTIVITIES (CGP), ORDER NO. 2009-0009-DWQ. DOCUMENTS AND INSTRUCTIONS CAN BE DOWNLOADED FROM: WWW.SRCITY.ORG/STORMWATERPERMIT. THE DEVELOPER SHALL PROVIDE THE CITY WITH THE WASTE DISCHARGE IDENTIFICATION NUMBER (WDID#) OR WITH VERIFICATION THAT AN EXEMPTION HAS BEEN GRANTED BY REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) FOR PROJECTS DISTURBING OVER ONE ACRE.

ALL PROJECTS SHALL HAVE A CITY APPROVED EROSION AND SEDIMENT CONTROL PLAN OR A SWRCB STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SPECIFIC FOR THE PROJECT. A COPY SHALL BE KEPT ON SITE AT ALL TIMES DURING CONSTRUCTION. THE EROSION AND SEDIMENT CONTROL PLAN OR SWPPP SHALL BE UPDATED AND KEPT CURRENT AS WORK PROGRESSES AND CONDITIONS CHANGE AND SHALL BE MADE AVAILABLE TO CITY AND SWRCB INSPECTORS WHEN REQUESTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT, INSPECTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES/DEVICES SPECIFIED N THE EROSION AND SEDIMENT CONTROL PLAN UNTIL SUCH TIME THAT THE PROJECT IS ACCEPTED AS COMPLETE OR UNTIL THE NOTICE OF TERMINATION IS FILED FOR THE CONSTRUCTION GENERAL PERMIT.

THE EROSION AND SEDIMENT CONTROL PLAN SHALL EMPHASIZE SOURCE CONTROL AND ADDRESS CONTROLLING WATER AND WIND EROSION, SEDIMENTATION, TRASH AND OTHER POSSIBLE POLLUTANTS USING BEST MANAGEMENT PRACTICES (BMPS). THE PLAN SHALL REFERENCE CASQA "STORM WATER BEST MANAGEMENT PRACTICE HANDBOOK FOR CONSTRUCTION" FOR PROPER BMP SELECTION, INSTALLATION AND MAINTENANCE.

THE EROSION AND SEDIMENT CONTROL PLAN SHALL CONTAIN ALL APPLICABLE BMPS AND CONFORM TO ALL REQUIREMENTS LISTED UNDER SECTION E, PART 8 NCRWQCB ORDER NO. 2009—0050—STORM WATER NONSTORM WATER DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS, REGULATION STORM WATER RUNOFF FROM THE CITY OF SANTA ROSA AT A MINIMUM WWW.SRCITY.ORG/STORMWATERPERMIT. THE CONTRACTOR IS TO INFORM ALL CONSTRUCTION SITE WORKERS ABOUT THE MAJOR PROVISIONS OF THE EROSION AND SEDIMENT CONTROL PLAN OR SWPPP.

TRASH OR MATERIALS DEPOSITED OR TRACKED ONTO THE PUBLIC RIGHTOF-WAY SHALL BE REMOVED DAILY. THE EROSION AND SEDIMENT CONTROL PLAN SHALL INCLUDE A STATEMENT DESCRIBING THE LOCATION OF BMPS AND RATIONALE FOR BMP SELECTION, AS WELL AS A STATEMENT CONFIRMING THAT THE OWNER AND CONTRACTOR ARE AWARE THAT THE SELECTED BMPS MUST BE INSTALLED, MONITORED AND MAINTAINED TO ENSURE THEIR EFFECTIVENESS AND MEET COMPLIANCE WITH LOCAL CODES AND ORDINANCES.

THE CITY CONSIDERS DISCHARGES FROM CONSTRUCTION SITES WITH TURBIDITY EXCEEDING 500 NTUS HAVE INADEQUATE LEVEL OF EROSION CONTROL MEASURES/BMPS. IMMEDIATE ASSESSMENT AND CORRECTIVE ACTION IS REQUIRED TO REDUCE TURBIDITY. CONTINUED EXCEEDING TURBIDITY LEVELS WILL BE CONSIDERED A VIOLATION OF CITY ORDINANCE 17-12, PROHIBITING NON-STORM WATER DISCHARGES. ADDITIONALLY, PROJECT SUBJECT TO REGULATION BY THE CGP MAY BE OUT OF COMPLIANCE AND SUBJECT TO ENFORCEMENT ACTION BY THE SWRCB.

FAILURE TO IMPLEMENT OR MAINTAIN BMPS AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE CONSIDERED A POTENTIAL NONSTORM WATER DISCHARGE AND A VIOLATION OF CITY ORDINANCE 17-12.

AFTER CONSTRUCTION IS COMPLETED ALL STORM DRAIN SYSTEMS IMPACTED BY THIS PROJECT SHALL BE CLEANED OF ACCUMULATED SEDIMENT AND DEBRIS AND INSPECTED. STORM DRAIN CLEANING/FLUSHING WATER SHALL NOT BE DISCHARGED TO THE STORM DRAIN SYSTEM.

PERSON TO CONTACT 24 HOURS A DAY IN THE PROBLEM (STORMWATER COMPLIANCE OFFICER): EVENT THERE  $\overline{S}$ AN EROSION CONTROL/SEDIMENTATION

LOCAL PHONE NO: (707) 696—9611

HYDROSEED SHALL BE EITHER APPLIED MECHANICALLY OR BY HYDROSEEDING. HYDROSEEDING REQUIRES THE APPLICATION OF FIBER AND STABILIZING EMULSION. MECHANICAL APPLICATION SHALL REQUIRE ROLLING, TAMPING, OR OTHERWISE WORKING THE SEED APPROXIMATELY 0.5 INCHES INTO THE TOPSOIL.

STABILIZATION OF EXPOSED GRADED AREAS WITH STRAW MULCH SHALL BE APPLIED AT A RATE OF 2 TONS PER

NOTE:
USE AT ALL DROP INLETS AND
TRENCH DRAINS UNTIL PAVING OR
GRASS/LANDSCAPING INSTALLED.

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PROTECTION

GRAVEL FILLED SANDBAG (TYP.)

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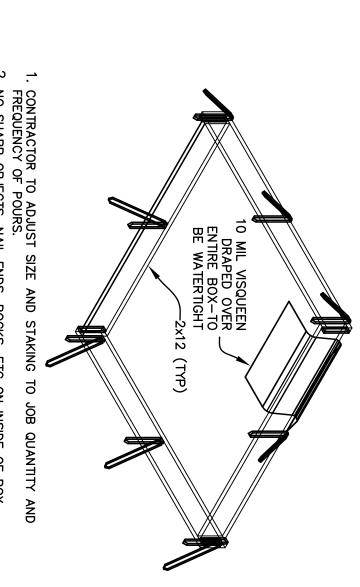
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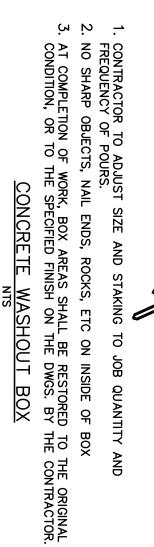
8" D.I.P. BENDS PER BLANKET WAIVER 6, SHT. C12, TO 8"x6" TEE, SHT. C5, AND STD. DWGS. 870 & 887 ON SHT. C12.

IRE HYDRANT, STD. -857, SHT. C12 (IN FOREGROUND)

- EXIST. 12" PVC WATER MAIN

SEWER AND WATER PIPE TO HAVE 36" COVER.

CENTERLINE MONTECITO BLVD



REFER TO SHT. C5 FOR SS EXTENSION INTO SITE

-PROPOSED PRIVATE SSMH RIM=261.10 6" IG IN=258.99 6" IG OUT=258.52 VERIFY 6" CROWN

PROFIL

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PROPOSED 6" SEWER EAST ELEVATION\_

PIPE

-- CITY SSMH ID#1
RIM =260.94
EX. SS IG THROUGH =
NEW 6" SS IG IN=257.3
STA 3+99.32

D.I.P.

49

S=0.0250

- EXIST. 12" WATER MAIN. PROTECT DURING SS CONSTRUCTION

RIGHT-

NOTE: FL C CLEARANCE SS D.I.P.=2.

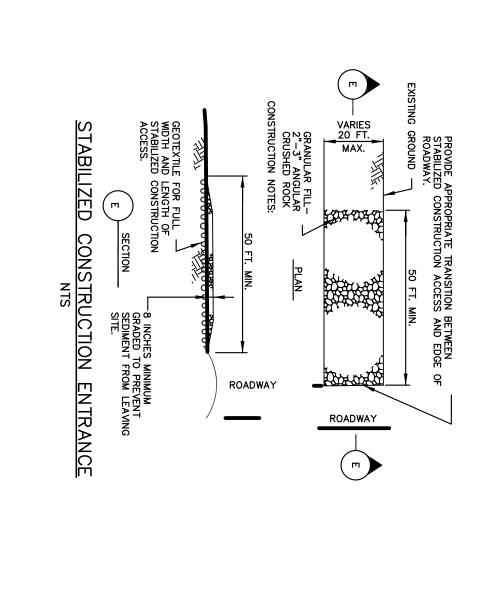
CENTERLINE MONTECITO BLVD

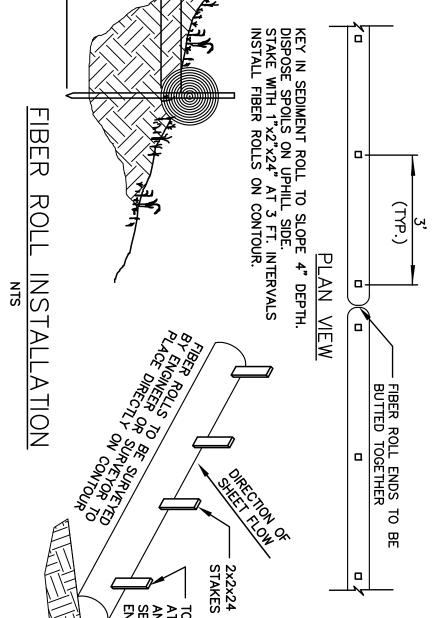
**PROFILE** 

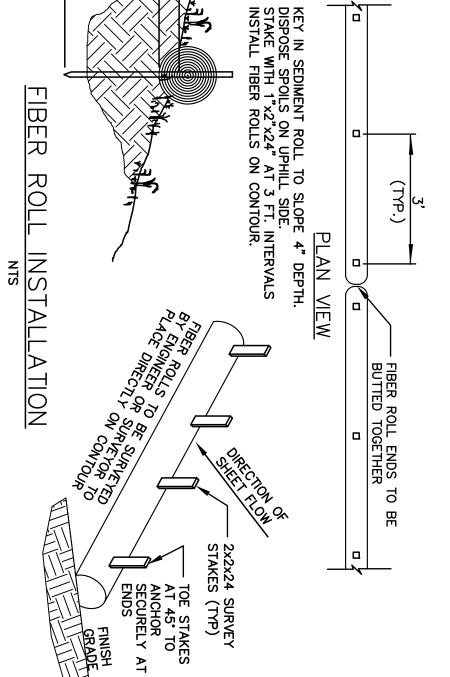
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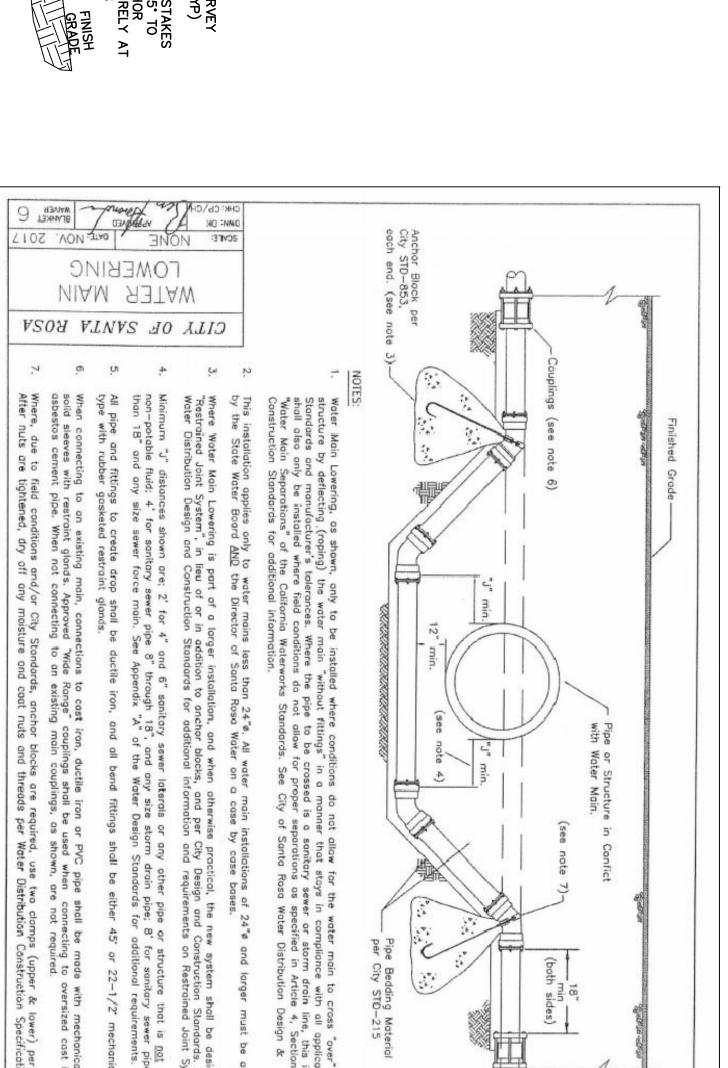
PROPOSED 8" WATER

PIPE

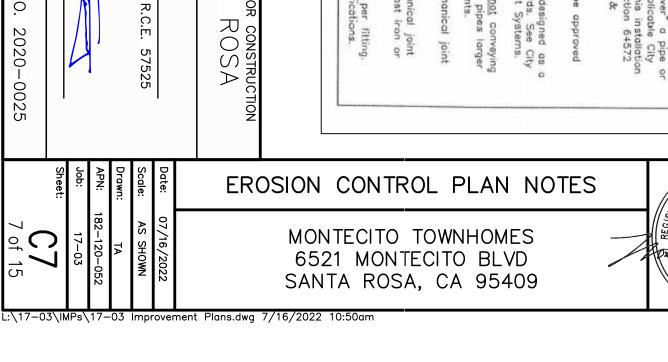


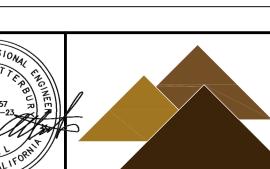


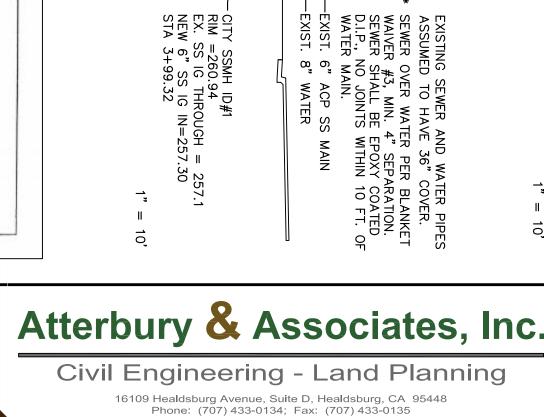




9		4.	7 /M <i>XLI</i> 3	2.	1. W SH	Anchor Block per City STD-853, each end. (see note 3)
When connecting to an existing main, connections to cast iron, ductile iron or PVC pipe shall be made with mechanical joint	igs to create drop shall be ductile iron, and a gasketed restraint glands.	Minimum "J" distances shown are; 2' for 4" and 6" sanitary sewer laterals or any other pipe or structure that is <u>not</u> conveying non-potable fluid; 4' for sanitary sewer pipe 8" through 18", and any size storm drain pipe; 8' for sanitary sewer pipes larger than 18" and any size sewer force main. See Appendix "A" of the Water Design Standards for additional requirements.	Where Water Main Lowering is part of a larger installation, and when otherwise practical, the new system shall be designed as a "Restrained Joint System", in lieu of or in addition to anchor blocks, and per City Design and Construction Standards. See City Water Distribution Design and Construction Standards for additional information and requirements on Restrained Joint Systems.	This installation applies only to water mains less than 24"ø. All water main installations of 24"ø and larger must be approved by the State Water Board <u>AND</u> the Director of Santa Rosa Water on a case by case bases.	Water Main Lowering, as shown, only to be installed where conditions do not allow for the water main to cross "over" a pipe or structure by deflecting (roping) the water main "without fittings" in a manner that stays in compliance with all applicable City Standards and manufacturer's tolerances. Where the pipe to be crossed is a sanitary sewer or storm drain line, this installation shall also only be installed where field conditions do not allow for proper separations as specified in Article 4, Section 64572 "Water Main Separations" of the California Waterworks Standards. See City of Santa Rosa Water Distribution Design & Construction Standards for additional information.	Couplings (see note 6)  Pipe or Structure in Confict with Water Main.  See note 7)  (both sides)  Pipe Bedding Material per City STD-215



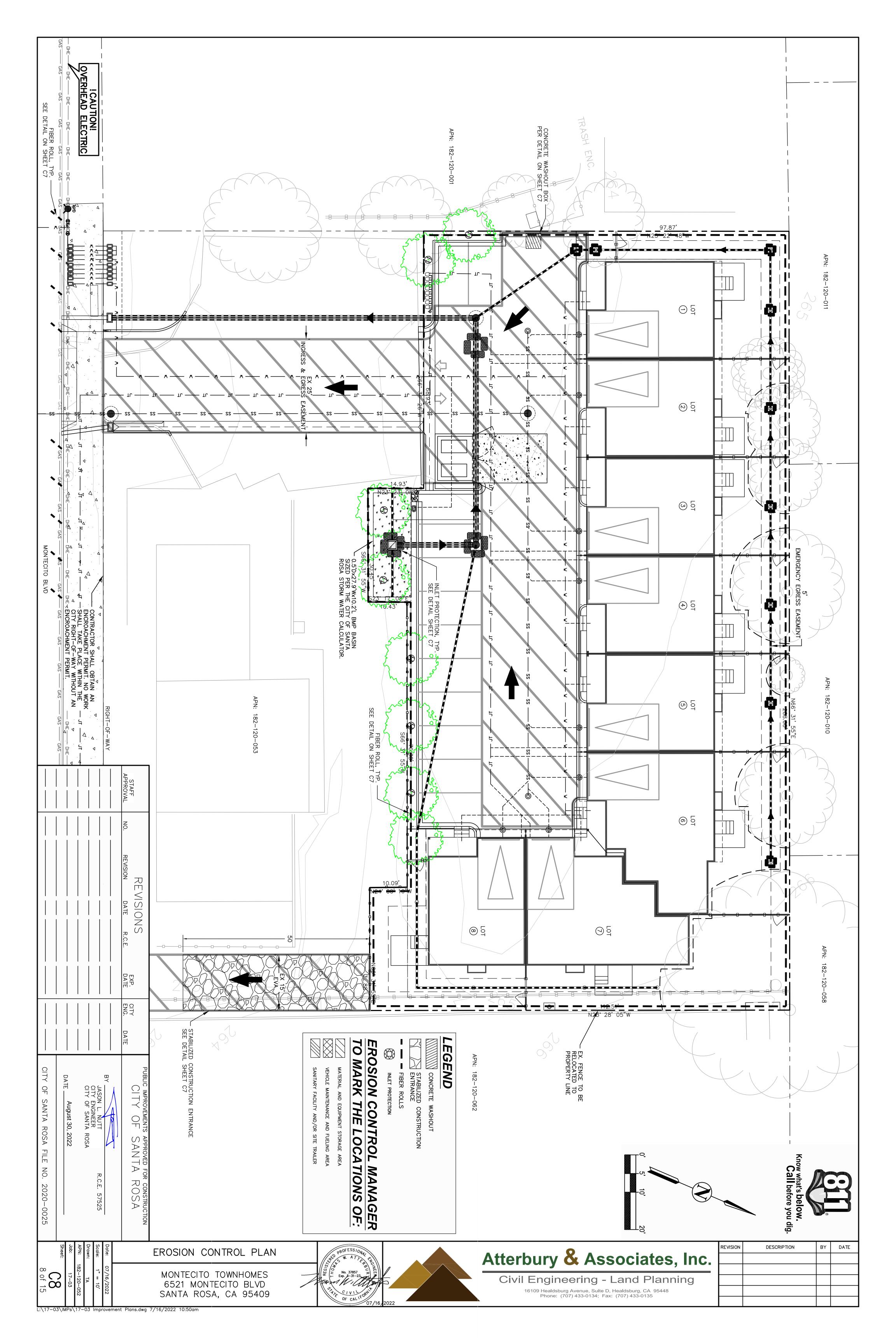


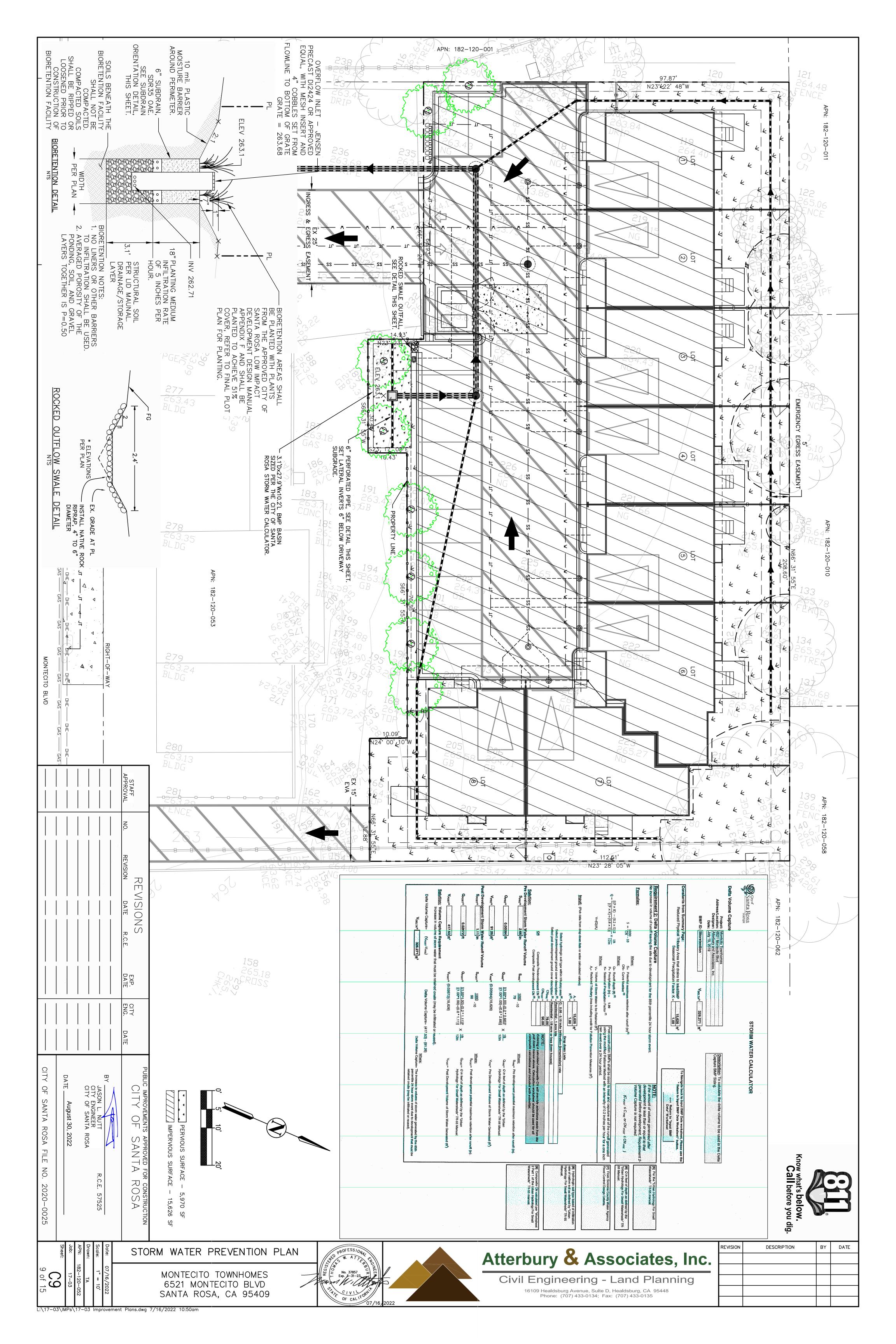


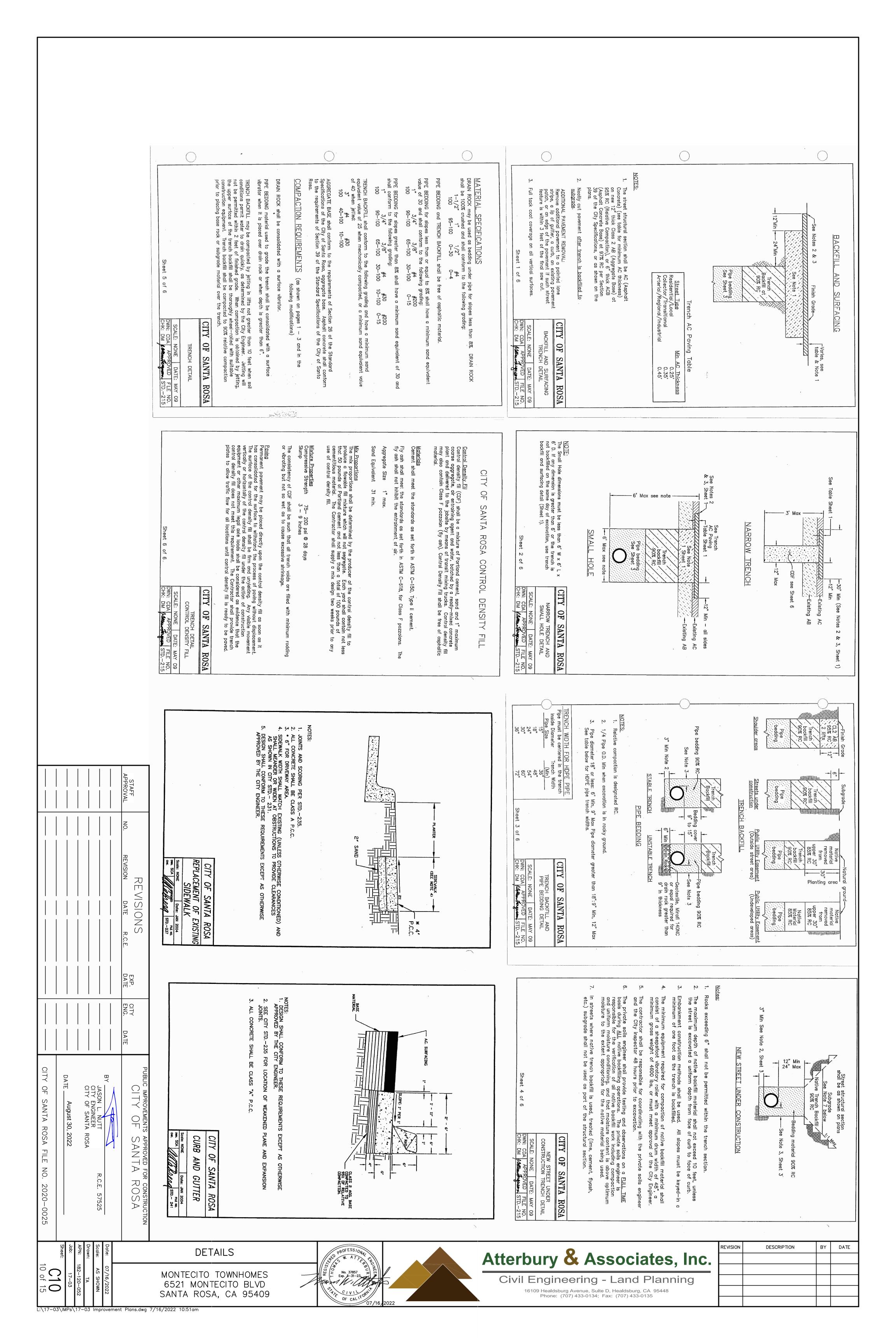
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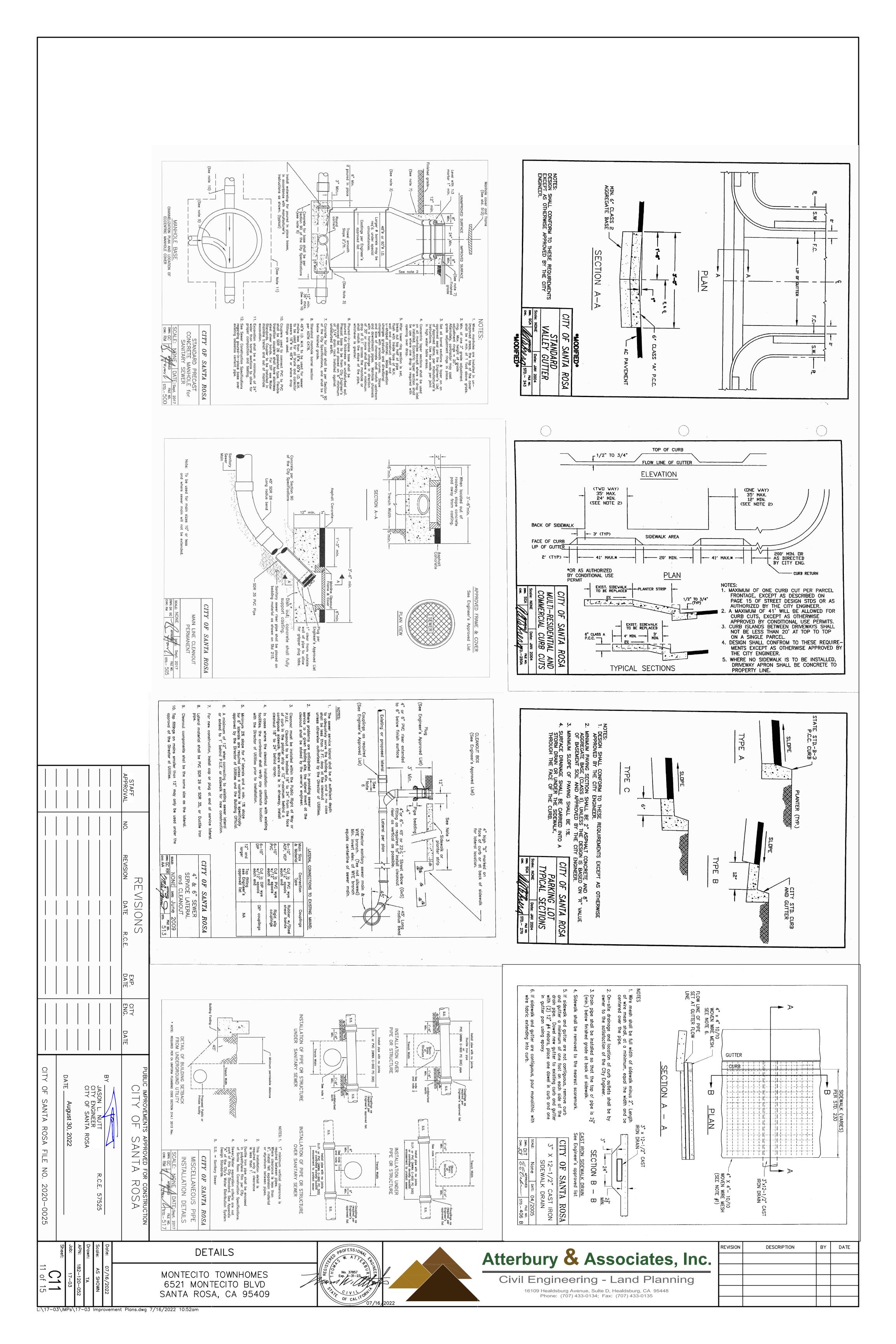
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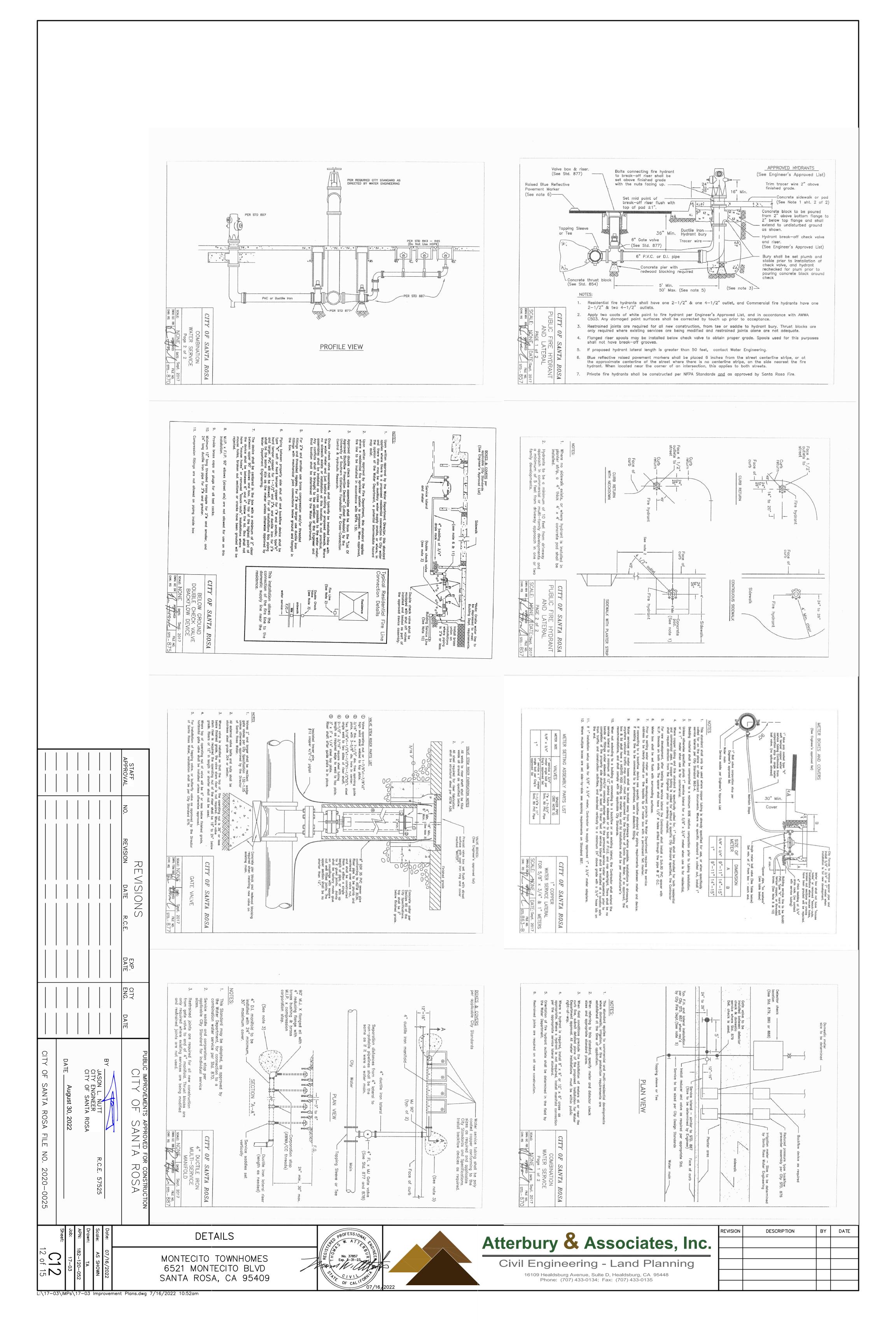
WATER











## **GENERAL**

## REQUIRED NOTES ON ALL PLANS

THE USE OF CONTROLLED DENSITY BACKFILL (CDF) WITHIN ANY PUBLIC SEWER OR WATER TRENCH IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE DIRECTOR OF WATER.

THERE SHALL BE NO UNMETERED CONNECTIONS TO THE CITY OF SANTA ROSA WATER SYSTEM INCLUDING CONNECTIONS BYPASSING THE METER FOR TESTING ONSITE PLUMBING OR FOR OBTAINING CONSTRUCTION WATER. SUCH CONNECTIONS SHALL BE SEVERED BY THE WATER DEPARTMENT AND WILL RESULT IN PENALTIES, INCLUDING PAYMENT OF FINES AND ESTIMATED WATER USAGE FEES.

CONTRACTOR SHALL NOTIFY INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE TO ALLOW FOR VISUAL ONSITE INSPECTION OF WATER PIPE JOINTS, VALVES, CONNECTIONS, SERVICE SADDLES, HARNESSES, ANCHORS AND THRUST BLOCKS, PRIOR TO BACKFILLING.

ONLY AUTHORIZED CITY PERSONNEL EXISTING WATER SYSTEM. CONTRACTOR SHALL NOTIFY INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE TO ALLOW FOR VISUAL INSPECTION OF CUT/TIE INS TO THE SEWER SYSTEM AND ALL ABANDONMENTS. SHALL OPERATE VALVES NO

RESTRAINED MECHANICAL JOINTS SHALL: FITTINGS, AND ASSOCIATED GATE VALVES OR DIRECTED BY THE INSPECTOR. BE USED S UNLESS ON ALL OTHER. L TEES, APPROVED

SUBMITTALS FOR ALL ITEMS USED FOR WATER AND CONSTRUCTION IN THE CITY RIGHT OF WAY ARE REVIEW AND APPROVAL PROIR TO THE START OF W ND SEWER
E REQUIRED FOR
WORK.

CUT-IN TEES AND FINAL WATER MAIN TIE-INS SHALL BE DONE UNDER THE INSPECTION OF AUTHORIZED CITY PERSONNEL. CUT-IN TEES OR TIE-INS SHALL NOT BE DONE WITHIN FOUR FEET OF A JOINT UNLESS DIRECTED BY THE INSPECTOR. IF THIS SPACING REQUIREMENT CANNOT BE MET THE INSPECTOR MAY DIRECT THAT THE JOINT BE REMOVED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE INSPECTOR FOR ALL REQUIRED INSPECTIONS.

ALL WATER METER BOX COVERS SHALL BE CONSTRUCTED FROM A TRAFFIC RATED COMPOSITE MATERIAL WITH A 2" DIAMETER BORE ALL THE WAY THROUGH THE LID, AND A 4-1/8" DIAMETER BY 5/16" DEEP COUNTER-BORE CENTERED OVER THE 2"

BORE TO ACCOMMODATE AUTOMATED METER READING (AMR) EQUIPMENT. THE BORE HOLES SHALL BE SET TOWARD A CORNER OF THE BOX IN A MANNER THAT DOES NOT WEAKEN THE TRAFFIC RATING. CONTACT THE SANTA ROSA WATER DEPARTMENT IF ADDITIONAL INFORMATION IS NEEDED TO COMPLY WITH THESE REQUIREMENTS. LID SHALL BE CONSTRUCTED SPECIFICALLY FOR BOX USED ON. COVER MAY REQUIRE FIELD MODIFICATION TO ACCOMMODATE AMR EQUIPMENT. CONTACT WATER DEPARTMENT FOR DIRECTION.

ALL VERTICAL AND HORIZONTAL SEPARATIONS REQUIREMENTS BETWEEN UTILITIES TO MEET MOST RECENT STATE WATER RESOURCES CONTROL BOARD STANDARDS. THESE STATE REQUIREMENTS SUPERCEDE CITY STANDARDS AND APPROVAL FISTATE WATER RESOURCES BOARD MAY BE REQUIRED.

ALL WATER A WATER AND S SPECIFICATION A SEPARATE PERMIT AND PLAN APPROVAL FROM THE DEPARTMENT IS REQUIRED PRIOR TO INSTALLATION PROTECTION SYSTEM. TER AND SEWER IMPROVEMENTS TO BE INSTALLED PER AND SEWER DESIGN AND CONSTRUCTION STANDARDS ATIONS. FIRE OF PRIV

DISINFECTION OF NEW WATER LATERAL/MAIN CAN TAKE A MINIMUM OF A WEEK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO READ DISINFECTION PROCEDURES AND UNDERSTAND THE PROCESS AND TIMING INVOLVED WITH TESTING OUT THE NEW MAIN/LATERAL. DISINFECTION PROCEDURES LIKE ALL OTHER STANDARDS ARE AVAILABLE ONLINE AT THE CITY OF SANTA ROSA WEBSITE. https://srcity.org/2321/Design-Construction-Standards

### **GENERAL** NOTES

# REQUIRED NOTES

CONTRACTOR SHALL CONTACT CITY OF SANTA ROSA WATER DEPARTMENT FOR FINAL INSPECTION OF ALL SEWER MAINS AND LATERALS, ALL SEWER MAINS AND LATERALS MUST BE CLEANED & MANDRELED PRIOR TO CITY ACCEPTANCE.

THE CONTRACTOR SHALL HIRE AN INDEPENDENT TELEVISION INSPECTION SERVICE TO PERFORM A CLOSED -CIRCUIT TELEVISION INSPECTION OF ALL NEWLY CONSTRICTED SEWERS INCLUDING LATERALS FROM THE MAIN TO THE CLEAN-OUT AND IF LATERAL LINE IS A REPLACEMENT, FROM CLEANOUT TO CONNECTION POINT OF THE EXISTING LATERAL. THE TELEVISING SHALL BE PERFORMED PER SECTION 130-1.09 OF THE CITY OF SANTA ROSA SEWER SYSTEM CONSTRUCTION STANDARD SPECIFICATIONS

SEWER PIPE LENGTHS SHOWN ARE MUZONTALLY TO CENTER OF MANHOLI IEASURED ES AND CLEANOUTS.

THE CONTRACTOR SHALL ACTIVATE THE PROJECT'S WATERLINES THROUGH THE INSTALLATION OF A SIX INCH WATER METER PRIOR TO CONSTRUCTION OR STORAGE OF COMBUSTIBLE MATERIALS. THE SIX INCH METER, APPURTENANCES AND SUITABLE PIPING SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR AS SHOWN ON STD. 860. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE 6" METER CERTIFIED. THE CITY WATER DEPARTMENT WILL PLACE A PLAQUE ON THE METER AFTER CERTIFICATION OF METER HAS BEEN OBTAINED. THE ABOVE INSTALLATION SHALL REMAIN IN PLACE UNTIL THE WATER SYSTEM IS ACCEPTED BY THE CITY. THE CONNER/DEVELOPER/SUB-DIVIDER. THE LOCATION OF THE BRIDGE METER AND CHECK VALVES WILL BE DETERMINED BY THE CITY WATER DEPARTMENT.

FOR HOT TAP CONNECTIONS, THE CONTRACTOR SHALL PROVIDE EXCAVATION, SHORING, BACKFILL, AND TRENCH SURFACING. THE CONTRACTOR SHALL ALSO PROVIDE AND INSTALL THE TAPPING SADDLE, TAPPING VALVE, AND RELATED HARDWARE. CITY PERSONNEL WILL MAKE THE HOT TAP. NO HOT TAP WILL BE MADE WITHIN FOUR FEET OF A JOINT AS MEASURED FROM JOINT TO CENTERLINE OF INTERSECTING PIPE UNLESS OTHERWISE DIRECTED BY THE INSPECTOR. IF THIS SPACING REQUIREMENT CANNOT BE MET, THE INSPECTOR MAY DIRECT THAT THE JOINT BE REMOVED AND THE PROPOSED HOT TAP BE REPLACED WITH A CUT-IN TEE. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE THE HOT TAP WITH THE INSPECTOR.

METER BOXES SHALL BE INSTALLED OUT WHEREVER POSSIBLE F TRAFFIC LOADING AREAS

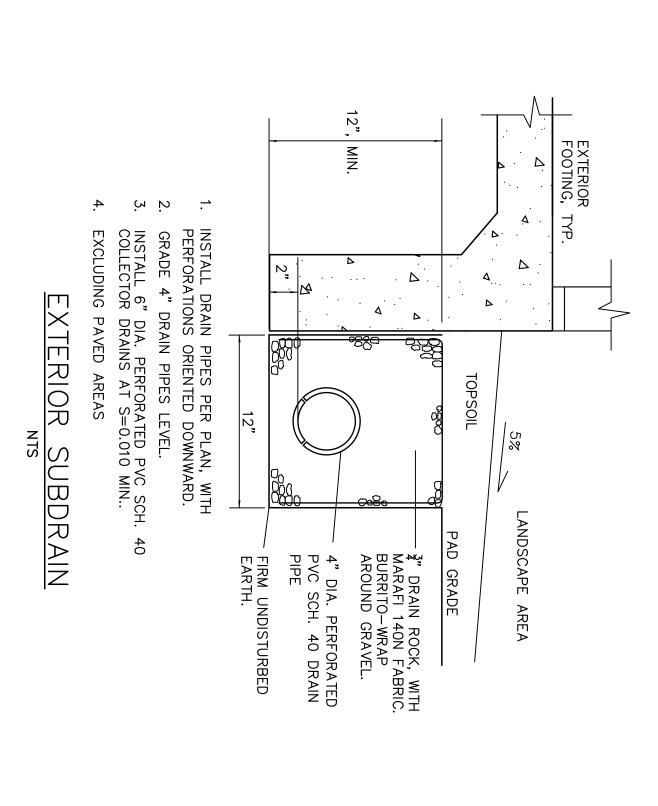
WATER SERVICE TAPS UP TO 1 1/2 INCH REQUIRE A MINIMUM OF 18 INCHES OF SPACING BETWEEN TAPS, FOR LARGER SERVICE TAPS, THE CONTRACTOR SHALL CONSULT INSPECTOR FOR SPACING REQUIREMENTS.

IF DAMAGE OCCURS TO ANY WATER SERVICE DURING CONSTRUCTION, THE CONTRACTOR SHALL REPLACE THE SERVICE FROM THE CORPORATION STOP AT THE MAIN TO THE WATER METER WITHOUT SPLICING.

CONTRACTOR TO PROVIDE PIPE.  $\triangleright$ DISPOSAL FOR ALL ASBESTOS

> OVER OR only to water mains less than 24"ø. All cros Water Board <u>AND</u> the Director of Santa Rosa NEW SANITARY SEWER LINE UNDER NEW OR EXISTING WATER MAIN NEW WATER MAIN UNDER EXISTING SANITARY water. where conditions do not c , Article 4, Section 64572 struction Standards for add SANTAUSSING IDER ROSA

TERNATIVE  $\mathbb{B}$ #1 SHT.



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DATEAugust 30		CITY OF SANTA	JASON L. NUTT		PUBLIC IMPROVEMENTS EXP. CITY CITY DATE ENG. DATE		EX EXION JODUNAIN		. EXCLUDING PAVED AREAS	. INSTALL 6" DIA. PERFORATED PVC SCH. 40 COLLECTOR DRAINS AT S=0.010 MIN	. GRADE 4" DRAIN PIPES LEVEL.	PERFORATIONS ORIENTED DOWNWARD.	
					EVISIONS date r.c.e.				4.	3.	2.	<del></del>	

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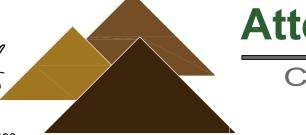
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Atterbury & Associates, Inc.

Civil Engineering - Land Planning 16109 Healdsburg Avenue, Suite D, Healdsburg, CA 95448 Phone: (707) 433-0134; Fax: (707) 433-0135

**DESCRIPTION** DATE BY

