EVERGREEN DRAINAGE IMPROVEMENTS

# SHEET INDEX

- 1 COVER SHEET
- 2 APPROVED PLAT
- 3 GENERAL NOTES
- 6 CROSS SECTION & DETAILS
- 7 MITIGATION PLAN
- 8 EXISTING DRAINAGE AREA MAP

FOR: 1800 EVERGREEN

**Helpful Websites:** 

http://www.austintexas.gov/page/common-easement-and-restrictive-covenants#pdrd

http://www.austintexas.gov/department/service-extension-requests

**Austin Water Pipeline Engineering** 

City of Austin Easement Templates

Service Extension Requests (SER)

http://austintexas.gov/page/pipeline-engineering

DEVELOPMENT, LLC

THIS PROJECT IS LOCATED IN THE WEST BOULDIN WATERSHED. IS CLASSIFIED AS CONFORMANCE WITH THE TERMS AND CONDITIONS OF CHAPTER 25-8 OF THE CITY LAND DEVELOPMENT CODE.

## **EDWARDS AQUIFER**

## FLOOD PLAIN NOTE:

LOCATED IN ZONE X ACCORDING TO INFORMATION FROM FEDERAL FLOOD INSURANCE RATE MAP (FIRM) PANEL NO. 48453C0585H, EFFECTIVE DATE SEPTEMBER 26,2008 FOR TRAVIS COUNTY, TEXAS.

# SITE DATA:

LANDSCAPE

TAX ID: 0100050416

**EXISTING LAND USE: VACANT** PROPOSED LAND USE: VACANT

ZONING: CS-MU-CO

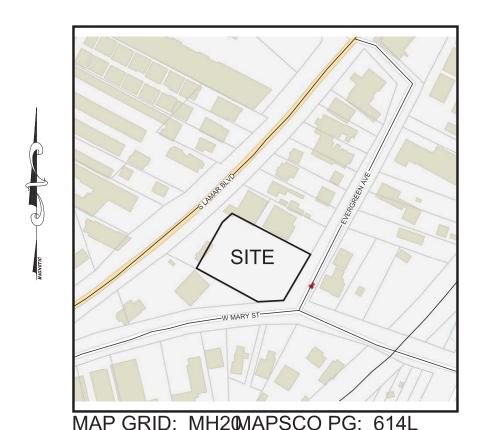
LEGAL DESCRIPTION: LOT 1. EVERGREEN SUBDIVISION. A RESUBDIVISION OF A PORTION OF LOT 14, EVERGREEN HEIGHTS, AS RECORDED IN TRAVIS COUNTY,

RELATED CASES:

ENGINEER: THOMPSON LAND ENGINEERING, LLC

904 N. CUERNAVACA AUSTIN, TEXAS 78733 OWNER: 1800 EVERGREEN DEVELOPMENT, LLC

815 A BRAZOS, SUITE 215 AUSTIN, TX 78701



LOCATION MAP

REVIEW THE SEQUENCE OF CONSTRUCTION ON THE GENERAL NOTES SHEE PRIOR TO BEGINNING CONSTRUCTION. MANY NOTIFICATION OBLIGATIONS (AND OTHER OBLIGATIONS) INCLUDED IN THAT SEQUENCE.

Reviewed by / Return to: Larry Williams

05/11/2020

Approved with comments

Review Cycle:

Date Completed:

Approved / Rejected:

AUSTIN FIRE DEPARTMENT		PROJECT DESIGN
FIRE DESIGN CODES	INTERNATIONAL FIRE CODE EDITION WITH CITY OF AUSTIN LOCAL AMENDMENTS	IFC WITH COA LOCAL AMENDMENTS
FIRE FLOW DEMAND @ 20 PSI (GPM)	MOST DEMANDING BUILDING'S CALCULATED FIRE FLOW DEMAND - 2012 IFC APPENDIX B, TABLE B105.1	NOT APPLICABLE
INTENDED USE	MOST DEMANDING BUILDING'S INTENDED USE	NOT APPLICABLE
CONSTRUCTION CLASSIFICATION	MOST DEMANDING BUILDING'S IBC CONSTRUCTION CLASSIFICATION	NOT APPLICABLE
BUILDING FIRE AREA (S.F.)	MOST DEMANDING BUILDING'S FIRE AREA IN GROSS SQUARE FEET (ALL FLOOR LEVELS COMBINED) PER 2012 IFC APPENDIX B	NOT APPLICABLE
AUTOMATIC FIRE SPRINKLER SYSTEM TYPE	THE SPRINKLER SYSTEM TYPE THAT IS IN THE MOST DEMANDINGBUILDING'S FIRE AREA - NFPA 13, NFPA 13R OR NFPA 13D	NOT APPLICABLE
(IF APPLICABLE)		
REDUCED FIRE FLOW DEMAND @ 20 PSI FOR	NOTE; FOR THE VALUE HERE, THE MINIMUM FIRE FLOW THE CITY OF AUSTIN ALLOWS AT ANY COMMERCIAL SITE IS 1500GPM,	NOT APPLICABLE
HAVING A SPRINKLER SYSTEM (GPM)	THE FIRE FLOW CANNOT BE LESS THAN THIS EVEN WITH A SPRINKLER SYSTEM.	
(IF APPLICABLE)		
AFD FIRE HYDRANT FLOW TEST DATE	DATE. IT BE AN AFD FLOW TEST 3YRS OLD OR LESS.	03 / 03 / 2019
AFD FIRE HYDRANT FLOW TEST LOCATION	BLOCK, STREET NAME, AND TYPE	2000 S LAMAR BLVD
HIGH-RISE	YES OR NO	NO
ALTERNATIVE METHOD OF COMPLIANCE AMOC	AMOC NUMBER AND THE DATE THE AMOC WAS APPROVED BY THE CITY.	NOT APPLICABLE
(IF APPLICABLE)		

- NO LONG-TERM LANE CLOSURES WILL BE AUTHORIZED, UNLESS RIGHT OF WAY MANAGEMENT DETERMINES THAT ADEQUATE
- PROJECT SHOULD BE PHASED SO THAT UTILITY INSTALLATION MINIMALLY IMPACTS EXISTING OR TEMPORARY PEDESTRIAN

## **FOR CITY**

**REVIEWED BY:** 

**DEVELOPMENT SERVICES DEPARTMENT** DATE SP-2020-\_\_\_D **DEVELOPMENT PERMIT NUMBER** NA (SEE SHT 2) SUBDIVISION FILE NUMBER FOR INDUSTRIAL WASTE **REVIEWED BY:** 

FOR WATER AND WASTEWATER **REVIEWED BY:** 

PRESSURE ZONE: CENTRAL SOUTH (CENTRAL SOUTH) STATIC PRESSURE: 77 PSI

**AUSTIN WATER UTILITY** 

NOTE: SECTION 608.2 OF THE LOCAL AMENDMENTS TO THE 2009 UNIFORM PLUMBING CODE REQUIRES A PRESSURE REDUCING VALVE, IF THE LOCAL STATIC PRESSURE IS ABOVE 65 PSI.

# FOR FIRE DEPARTMENT

**REVIEWED BY:** 

CITY OF AUSTIN FIRE DEPARTMENT

SUBMITTAL DATE: SUBMITTAL DATE: TDLR: NA TCEQ WATER: NA TCEQ WASTEWATER: NA COUNTY: NA TCEQ EDWARDS AQUIFER: NA FIRE MARSHALL: NA

> FILE NUMBER: SP-2020- D APPLICATION DATE: 03/\_/2020 APPROVED BY COMMISSION ON CHAPTER 25-5 OF THE CITY OF AUSTIN CODE. EXP. DATE (25-5-81, LDC) PROJECT EXP. DATE (ORD.#970905-A) Director, Development Services Department RELEASED FOR GEN. COMPLIANCE: CORRECTION 1 \_CORRECTION 2 \_CORRECTION 3

CASE MGR. \_\_\_ ZONING: CS-MU-CO FINAL PLAT MUST BE RECORDED BY THE PROJECT EXPIRATION DATE, IF APPLICABLE. SUBSEQUENT SITE PLANS WHICH DO NOT COMPLY WITH THE CODE CURRENT AT THE TIME OF FILING, AND ALL REQUIRED BUILDING PERMIT AND/OR A NOTICE OF CONSTRUCTION (IF A BUILDING PERMIT IS NOT REQUIRED), MUST ALSO BE APPROVED PRICE.

SP-2020-

TPDES REPORT: NA WATER & WASTEWATER: NA SITE PLAN RELEASE SITE PLAN APPROVAL SHEET 1 OF 8

JOB NUMBER 1472

SHEET

1 of 8

DATE

DATE

IMPROVEMEN

4 ESC PLAN (EXISTING & PROPOSED)

5 DRAINAGE PLAN

SUBMITTAL DATE: 03/\_\_/2020

**EXPIRATION DATE:** 

WATERSHED:

URBAN AND SHALL BE DEVELOPED, CONSTRUCTED AND MAINTAINED IN

NO PORTION OF THIS PROJECT LIES OVER THE EDWARDS AQUIFER RECHARGE ZONE.

NO PORTION OF THIS PROJECT IS WITHIN THE 100 YEAR FLOOD PLAIN AND IS

ACREAGE: 0.754

MAP GRID: MH20 DEED: 2013172343TR

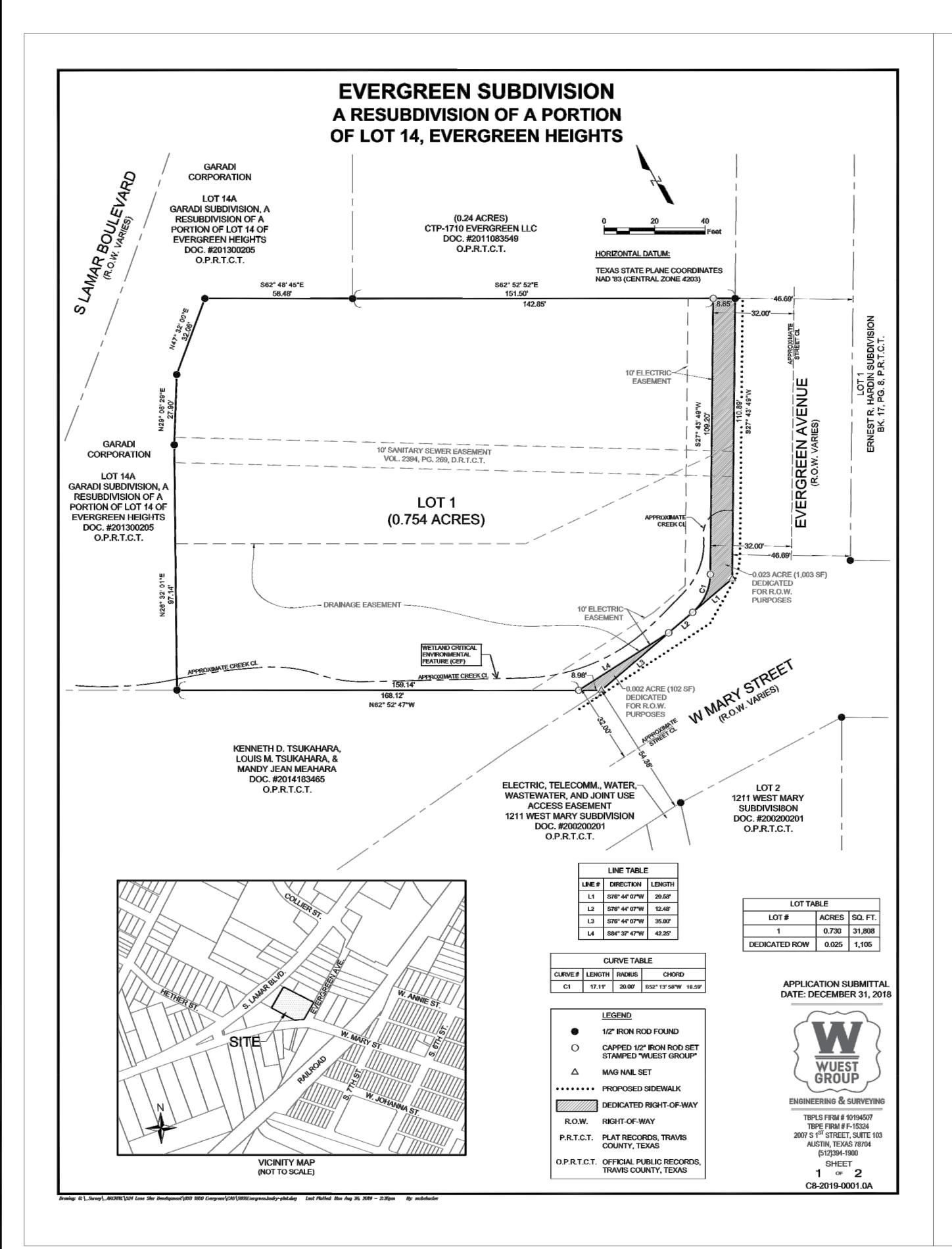
TEXAS (PENDING)

C8-2019-0001.0A, (SUBDIVISION CASE NUMBER) C14-2008-0060, (ZONING CHANGE) C14-01-0009, (ZONING CHANGE)

(512) 328-0002

ARCHITECTS: SITE SPECIFICS 700 N LAMAR AUSTIN, TEXAS 78703 (512) 472-5252

REVISION/CORRECTION TABLE SHEETS IMP. COVER IMP. COVER AUSTIN (SQ. FT.)/ APPROVAL/DATE COUNTY DESCRIPTION APPROVAL/DATE APPROVAL/DATE BY IMAGED IN PLAN SET



# EVERGREEN SUBDIVISION A RESUBDIVISION OF A PORTION OF LOT 14, EVERGREEN HEIGHTS

THE STATE OF TEXAS That 1800 Evergreen Development, LLC, being the owner of 0.754 acres of land out of Lot 14, Evergreen Heights, a subdivision in Travis County, Texas, recorded in Volume Z, Page 614, Plat Records, Travis county, Texas, having been conveyed in Document #2013172343, Official Public Records, Travis County, Texas, and said subdivision having been approved for resubdivision pursuant to the public notification and nearing provisions of Chapter 212.014 of the Local Government Code, do hereby resubdivide said 0.754 acres of land in accordance with the map or plat attached hereto, to be known as "EVERGREEN SUBDIVISION, A RESUBDIVISION OF A PORTION OF LOT 14, EVERGREEN HEIGHTS" subdivision, subject to the covenants and restrictions shown hereon, and we do hereby dedicate to the public the use of all easements shown hereon, subject to any easements and/or restrictions heretofore granted and not WITNESS MY HAND this the \_\_\_\_\_ day of \_\_\_\_\_ 1800 Evergreen Development, LLC, Owner's Agent THE STATE OF TEXAS THE COUNTY OF TRAVIS I, the undersigned authority, on this the \_\_\_\_\_ day of \_\_\_\_\_ \_, know to me to be the person whose name is subscribed to the foregoing nsturment of writing, and he acknowledged before me that he executed the same for the purposes an considerations therein expressed 1. THE OWNER OF THIS SUBDIVISION, AND HIS OR HER SUCCESSORS AND ASSIGNS, ASSUMES RESPONSIBILITY FOR PLANS FOR CONSTRUCTION OF SUBDIVISION IMPROVEMENTS WHICH COMPLY WITH APPLICABLE CODES AND REQUIREMENTS OF THE CITY OF AUSTIN. THE OWNER UNDERSTANDS AND ACKNOWLEDGES THAT PLAT VACATION OR REPLATTING MAY BE REQUIRED, AT THE OWNER'S SOLE EXPENSE, IF PLANS TO CONSTRUCT THIS SUBDIVISION DO NOT COMPLY WITH 2. PRIOR TO CONSTRUCTION. EXCEPT DETACHED SINGLE FAMILY ON ANY LOT IN THIS SUBDIVISION. A SITE DEVELOPMENT PERMIT MUST BE OBTAINED FROM THE CITY OF AUSTIN. 3. PRIOR TO CONSTRUCTION ON LOTS IN THIS SUBDIVISION, DRAINAGE PLANS WILL BE SUBMITTED

3. PRIOR TO CONSTRUCTION ON LOTS IN THIS SUBDIVISION, DRAINAGE PLANS WILL BE SUBMITTED TO THE CITY OF AUSTIN FOR REVIEW, RAINFALL RUN-OFF SHALL BE HELD TO THE AMOUNT EXISTING AT UNDEVELOPED STATUS BY PONDING OR OTHER APPROVED METHODS.

4. NO BUILDINGS, FENCES, LANDSCAPING OR OTHER OBSTRUCTIONS ARE PERMITTED IN DRAINAGE EASEMENTS EXCEPT AS APPROVED BY THE CITY OF AUSTIN OR TRAVIS COUNTY.

 ALL DRAINAGE EASEMENTS ON PRIVATE PROPERTY SHALL BE MAINTAINED BY THE PROPERTY OR ASSIGNS.
 PROPERTY OWNER SHALL PROVIDE ACCESS TO DRAINAGE EASEMENTS, AT THE POINT WHERE IT

CROSSES THE PROPERTY LINE, AS MAY BE NECESSARY AND SHALL NOT PROHIBIT ACCESS BY GOVERNMENTAL AUTHORITIES.

7. NO LOT SHALL BE OCCUPIED UNTIL THE STRUCTURE IS CONNECTED TO THE CITY OF AUSTIN

8. THE WATER AND WASTEWATER UTILITY SYSTEM SERVING THIS SUBDIVISION MUST BE IN ACCORDANCE WITH THE CITY OF AUSTIN UTILITY DESIGN CRITERIA. THE WATER AND WASTEWATER UTILITY PLAN MUST BE REVIEWED AND APPROVED BY THE AUSTIN WATER UTILITY. ALL WATER AND WASTEWATER CONSTRUCTION MUST BE INSPECTED BY THE CITY OF AUSTIN. THE LANDOWNER MUST PAY THE CITY INSPECTION FEE WITH THE UTILITY CONSTRUCTION.

9. BUILDING SETBACK LINES SHALL BE IN CONFORMANCE WITH THE CITY OF AUSTIN ZONING ORDINANCE REQUIREMENTS.

10. THE OWNER SHALL BE RESPONSIBLE FOR INSTALLATION OF TEMPORARY EROSION CONTROL, REVEGETATION AND TREE PROTECTION. IN ADDITION, THE OWNER SHALL BE RESPONSIBLE FOR ANY INITIAL PRUNING AND TREE REMOVAL THAT IS WITHIN TEN FEET OF THE CENTER LINE OF THE PROPOSED OVERHEAD ELECTRICAL FACILITIES DESIGNED TO PROVIDE ELECTRIC SERVICE TO THIS PROJECT.

11. THIS SUBDIVISION BY AT WAS ADDRESS AND DECORDED REFORE THE CONSTRUCTION AND

12. PRIOR TO CONSTRUCTION ON LOTS IN THIS SUBDIVISION, DRAINAGE PLANS WILL BE SUBMITTED TO THE CITY OF AUSTIN FOR REVIEW. RAINFALL RUN-OFF SHALL BE HELD TO THE AMOUNT EXISTING AT UNDEVELOPED STATUS BY PONDING OR OTHER APPROVED METHODS. ALL PROPOSED CONSTRUCTION OR SITE ALTERATION ON LOT(S) 1 REQUIRES APPROVAL OF A SEPARATE DEVELOPMENT PERMIT.

13. PARKLAND DEDICATION IS REQUIRED PER CITY CODE §25-1-601, AS AMENDED, PRIOR TO APPROVAL OF A SITE PLAN IN THIS SUBDIVISION.

14. ALL RESTRICTIONS AND NOTES FROM THE PREVIOUS EXISTING SUBDIVISION(S), EVERGREEN HEIGHTS, SHALL APPLY TO THIS RESUBDIVISION PLAT.

15. PUBLIC SIDEWALKS, BUILT TO CITY OF AUSTIN STANDARDS, ARE REQUIRED ALONG THE FOLLOWING STREETS AND AS SHOWN BY A DOTTED LINE ON THE FACE OF THE PLAT: EVERGREEN AVE. AND WEST MARY ST. THESE SIDEWALKS SHALL BE IN PLACE PRIOR TO THE LOT BEING OCCUPIED. FAILURE TO CONSTRUCT THE REQUIRED SIDEWALKS MAY RESULT IN THE WITHHOLDING OF CERTIFICATES OF OCCUPANCY, BUILDING PERMITS, OR UTILITY CONNECTIONS BY THE GOVERNING BODY OR UTILITY COMPANY.

16. THE WATER AND/OR WASTEWATER EASEMENTS INDICATED ON THIS PLAT ARE FOR THE PURPOSE OF CONSTRUCTION, OPERATION, MAINTENANCE, REPAIR, REPLACEMENT, UPGRADE, DECOMMISSIONING AND REMOVAL OF WATER AND/OR WASTEWATER FACILITIES AND APPURTENANCES. NO OBJECTS, INCLUDING BUT NOT LIMITED TO BUILDINGS, RETAINING WALLS, TREES OR OTHER STRUCTURES ARE PERMITTED IN WATER AND/OR WASTEWATER EASEMENTS EXCEPT AS APPROVED BY THE AUSTIN WATER UTILITY.

17. ALL ACTIVITIES WITHIN THE CEF BUFFER MUST COMPLY WITH THE CITY OF AUSTIN LAND DEVELOPMENT CODE. THE NATURAL VEGETATIVE COVER MUST BE RETAINED TO THE MAXIMUM EXTENT PRACTICABLE; CONSTRUCTION IS PROHIBITED EXCEPT AS APPROVED BY ERM IN RELATION TO RESTORATION AND ECOLOGICAL ENHANCEMENT; AND WASTEWATER DISPOSAL OR IRRIGATION IS PROHIBITED.

18. IF ANY FLOODPLAIN MODIFICATION IS PROPOSED, A WETLAND AND RIPARIAN RESTORATION PLAN WITHIN THE CWCZ WILL BE REQUIRED AS PART OF THE SITE PLAN APPROVAL BY ERM AS CONDITION FOR AN ADMINSTRATIVE REDUCTION OF THE STANDARD 150-FT CEF BUFFER TO THE BOUNDARIES OF THE CWCZ. IF NO FLOODPLAIN MODIFICATIONS ARE PROPOSED, BUT THERE ARE CHANGES TO THE STANDARD 150-FT CEF BUFFER, THEN THE MITIGATION REQUIREMENTS WILL NEED TO BE MET DURING SITE PLAN REVIEW.

Drawing: G:\\_Survey\\_ARCHVE\524 Lone Star Development\050 1800 Evergreen\CAD\1800Evergreen.bndry-plot.dug Last Plotted: Man Aug 26, 2019 — 2:25pm By: assbol

THE COUNTY OF TRAVIS

I, Cara Williams, am authorized under the laws of the State of Texas to practice the profession of surveying and hereby certify that this plat compiles with Title 25 of the Austin City Code, and is true and correct and was prepared from an actual survey of the property made by me or under my supervision on the ground.

Cara Williams - RPLS #6336 Date Firm No. 10194507

THE STATE OF TEXAS
THE COUNTY OF TRAVIS

Accepted and authorized for record by the Planning Commission of the City of Austin, Texas, on this, the day of 2019.

Kazi, Chair Yvette Flores, Secretary

This subdivision is located within the Full Purpose Jurisdiction of the City of the City of Austin on this the \_\_\_\_\_ day of \_\_\_\_\_\_, 20\_\_\_\_.

APPROVED, ACCEPTED AND AUTHORIZED FOR RECORD BY THE DIRECTOR, DEVELOPMENT SERVICES DEPARTMENT, CITY OF AUSTIN, COUNTY OF TRAVIS, THIS THE \_\_\_\_\_ DAY OF

Cesar Zavala, for:
Denise Lucas, Acting Director, Development Services Department

THE STATE OF TEXAS

I, Dana DeBeauvoir, Clerk of Travis County, Texas, do hereby certify that the foregoing instrument of writing and its Certificate of Authentication was filed for record in my office on the \_\_\_\_\_\_ day of \_\_\_\_\_\_, 20\_\_\_\_, 20\_\_\_\_, A.D., at \_\_\_\_\_\_ o'clock \_\_\_\_M., and duly recorded on the \_\_\_\_\_\_ day of \_\_\_\_\_\_, 20\_\_\_\_, A.D., at \_\_\_\_\_\_ o'clock \_\_\_\_M., Plat Records of said County and State in Document No. \_\_\_\_\_\_.

WITNESS MY HAND AND SEAL OF OFFICE OF THE COUNTY CLERK OF SAID COUNTY this the

DANA DEBEAUVOIR, COUNTY CLERK TRAVIS COUNTY, TEXAS

Deputy

THE STATE OF TEXAS
THE COUNTY OF TRAVIS

This is to certify that I am authorized to practice the profession of engineering in the State of Texas, that I participated in the preparation of the plan submitted herewith, and that all information shown thereon is accurate and correct to the engineering portions thereof, and that to the best of my knowledge as related to the engineering portions thereof, and that to the best of my knowledge and pattern than the profession of the Austin City Code of 1999, as amended, and all

No Portion of this subdivision is within the boundaries of the 100-year flood plain of any waterway that is within the limits of study of the Federal Flood Administration FIRM panel 48453C0235J, dated January 6, 2016.

Robert C. Thompson - P.E. #69524
THOMPSON LAND ENGINEERING
(512)328-0002

PLAT PREPERATION DATE: 5-22-2017

APPLICATION SUBMITTAL DATE: 12-31-2018

APPLICATION SUBMITTAL DATE: DECEMBER 31, 2018



ENGINEERING & SURVEYING

TBPLS FIRM # 10194507

TBPLS FIRM # 10194507
TBPE FIRM # F-15324
2007 S 1<sup>ST</sup> STREET, SUITE 103
AUSTIN, TEXAS 78704
(512)394-1900
SHEET
2 OF 2

C8-2019-0001.0A

LAN APPROVAL SHEET 2 OF 8

UMBER: SP-2020- D APPLICATION DATE: 03/ /2020

VED BY COMMISSION ON UNDER SECTION 112 OF

TER 25-5 OF THE CITY OF AUSTIN CODE.

ATE (25-5-81, LDC) CASE MGR. --
CASE MU-CO

CASE MGR. --
CASE MGR. --
CASE MGR. --
CASE MGR. ---
CASE MGR. --
CASE MGR. ---

CURRENTLY UNDER REVIEW

WARNING: DRAWING HAS BEEN REDUCED TO FIT WITHIN THE BORDER. USE BAR SCALE FOR MEASUREMENT

Plat will need to be approved prior to

site plan sign off plans.

THOMPSON LAND ENGI

DATE

AGE IMPROVEMENTS
SNUE, AUSTIN, TX 78704

DATE ISSUED

March, 2020

DATE ISSUED

March, 2020

ESIGNED BY

RCT ???

JOB NUMBER

1472

SHEET

SP-2020- D

- CONTRACTOR SHALL CALL THE ONE CALL CENTER (1-800-545-6005) FOR UTILITY LOCATIONS PRIOR TO ANY WORK IN CITY EASEMENTS OR STREET
- CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION (DPWT) AT 974-7161 AT LEAST 24 HOURS PRIOR TO THE INSTALLATION OF ANY DRAINAGE FACILITY WITHIN A DRAINAGE EASEMENT OR STREET R.O.W. THE METHOD OF PLACEMENT AND COMPACTION OF
- BACKFILL IN THE CITY'S R.O.W. MUST BE APPROVED PRIOR TO THE START OF BACKFILL OPERATIONS FOR SLOPES OR TRENCHES GREATER THAN FIVE FEET IN DEPTH, A NOTE MUST BE ADDED STATING: "ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION." (OSHA STANDARDS MAY BE PURCHASED FROM THE GOVERNMENT PRINTING OFFICE; INFORMATION AND RELATED REFERENCE MATERIALS MAY BE
- ALL SITE WORK MUST ALSO COMPLY WITH ENVIRONMENTAL REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO IDENTIFY, OBTAIN AND PAY FOR ALL ENVIRONMENTAL AND OTHER PERMITS, LICENSES, OR WRITTEN AUTHORIZATIONS NECESSARY TO COMPLETE THE WORK AND TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND/OR LOCAL LAWS, REGULATIONS AND ORDINANCES. THIS INCLUDES THE DEVELOPMENT OF ANY ASSESSMENTS, PLANS, OR PROCEDURES OR OTHER DOCUMENTS REQUIRED TO COMPLY WITH ANY PERMIT, LICENSE, LAW, REGULATION, ORDINANCE OR OTHER REQUIREMENT OR AUTHORIZATION.
- UPON COMPLETION OF THE PROPOSED SITE IMPROVEMENTS AND PRIOR TO THE FOLLOWING, THE ENGINEER SHALL CERTIFY IN WRITING THAT THE PROPOSED DRAINAGE, FILTRATION AND DETENTION FACILITIES WERE CONSTRUCTED IN CONFORMANCE WITH THE APPROVED PLANS.:

RELEASE OF THE CERTIFICATE OF OCCUPANCY BY THE DEVELOPMENT SERVICES DEPARTMENT (INSIDE THE CITY LIMITS); OR \* INSTALLATION OF AN ELECTRIC OR WATER METER (IN THE FIVE-MILE ETJ),

DEVELOPER INFORMATION

OWNER: 1800 EVERGREEN DEVELOPMENT, LLC

PURCHASED FROM OSHA, 611 EAST 6TH STREET, AUSTIN TEXAS,)

ADDRESS: 815 A BRAZOS, SUITE 215

AUSTIN, TX 78701

PHONE #:

OWNER'S REPRESENTATIVE RESPONSIBLE FOR PLAN ALTERATIONS: THOMPSON LAND ENGINEERING, LLC

ADDRESS: 904 N. CUERNAVACA DRIVE, AUSTIN, TX 78733 PHONE#: (512) 328-0002

ERSON OR FIRM RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL MAINTENANCE: TBA\_\_\_\_

ERSON OR FIRM RESPONSIBLE FOR TREE/NATURAL AREA PROTECTION MAINTENANCE:

THE CITY OF AUSTIN HAS REVIEWED THIS PLAN FOR COMPLIANCE WITH CITY DEVELOPMENT REGULATIONS ONLY. THE APPLICANT, PROPERTY OWNER, AND OCCUPANT OF THE PREMISES ARE RESPONSIBLE FOR DETERMINING WHETHER THE PLAN COMPLIES WITH ALL OTHER LAWS, REGULATIONS, AND RESTRICTIONS WHICH MAY BE APPLICABLE TO THE PROPERTY AND ITS USE.

## TLE GENERAL CONTRACT NOTES:

- CONTRACTOR TO VERIFY THE LOCATION AND ELEVATION OF EXISTING STRUCTURES, UTILITIES, AND FACILITIES PRIOR TO ANY EXCAVATION REQUIRED FOR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. ANY DISCREPANCIES OR CONFLICTS FOUND SHALL BE BROUGHT TO THE
- CONTRACTOR IS TO TAKE PRECAUTION TO PROTECT EXISTING STRUCTURES, UTILITIES, AND OTHER FACILITIES FROM DAMAGE WHILE CONSTRUCTION OF THE IMPROVEMENTS. ANY DAMAGE TO EXISTING STRUCTURES, UTILITIES OR OTHER FACILITIES INCURRED AS A RESULT OF CONTRACTORS ACTIONS ARE TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR IS TO GIVE NOTICE TO ALL AFFECTED PARTIES AND ALL REGULATORS OF THE COMMENCEMENT OF WORK AT LEAST 48 HOURS
- THE CONTRACTOR IS RESPONSIBLE FOR THE SOURCE AND TRANSPORT OF ALL POTABLE AND CONSTRUCTION WATER FOR THE PROJECT SITE AND
- TO THE PROJECT SITE AND THE CONTRACTOR IS RESPONSIBLE FOR PAYMENT OF THE SAME. ANY WATER USED FOR ADDING MOISTURE FOR COMPACTION SHALL BE FREE FROM OIL, WASTE, AND ANY OTHER OBJECTIONABLE MATERIAL.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PERFORMANCE OF ALL DENSITY TESTS, CONCRETE TESTS, AND ASPHALT TESTS, UNLESS OTHERWISE SPECIFIED AS WELL AS PAYMENT FOR THE SAME. UNLESS OTHERWISE SPECIFIED. ALL SUCH TESTS ARE TO BE PERFORMED IN ACCORDANCE WITH CITY OF AUSTIN SPECIFICATIONS INCLUDING FREQUENCY. LOCATIONS FOR DENSITY TESTS WILL BE AS SPECIFIED BY THE
- THE CONTRACTOR IS RESPONSIBLE FOR THE PERFORMANCE OF, AND PAYMENT OF, ALL CONSTRUCTION STAKING, UNLESS OTHERWISE SPECIFIED. ENGINEER MAY ASSIST IN CONSTRUCTION STAKING AS REQUIRED BY THE GOVERNING AUTHORITIES OR AS REQUESTED, AND PAID
- ALL AS-BUILT DIMENSIONS SHALL CONFORM TO THE DESIGN DIMENSIONS PLUS OR MINUS 0.02 FEET. ALL AS-BUILT SLOPES SHALL CONFORM TO THE DESIGNED SLOPES PLUS OR MINUS 0.005 FOOT PER FOOT.
- THE METHODOLOGY FOR THE CONSTRUCTION OF THE IMPROVEMENTS IS THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR IS TO PROVIDE THE MATERIALS. EQUIPMENT, AND EFFORT TO COMPLETE THE INSTALLATION OF THE PROPOSED IMPROVEMENTS, WHETHER THOSE MATERIALS, EQUIPMENT, OR EFFORT IS SPECIFICALLY MENTIONED IN THESE PLANS OR NOT.
- THE CONTRACTOR IS TO COMPLY WITH ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS AND REGULATIONS, AS WELL AS ANY OTHER APPLICABLE FEDERAL, STATE, OR LOCAL HEALTH AND SAFETY STANDARDS, LAWS, OR REGULATIONS. FAILURE TO COMPLY
- WITH THE REQUIREMENTS SPECIFIED WILL BE CONSIDERED JUST AND SUFFICIENT CAUSE FOR THE OWNER TO STOP WORK. UNLESS OTHERWISE SPECIFIED BY THE GEOTECHNICAL ENGINEER IN THE GEOTECHNICAL REPORT FOR THIS PROJECT, SELECT BACK FILL SHALL
- BE SUBSTANTIALLY FREE OF ORGANIC MATERIALS HAVE A PLASTICITY INDEX BETWEEN 10 AND 18.
- HAVE A LIQUID LIMIT OF LESS THAN 35, AND
- FREE OF STONES OR ROCKS OVER 2 INCHES IN ANY DIMENSION

SUCH SELECT FILL, WHEN CALLED FOR ON THE PLANS AND UNLESS OTHERWISE SPECIFIED, SHALL BE PLACED IN LOOSE, HORIZONTAL LAYERS SIX TO NINE INCHES IN THICKNESS AND COMPACTED TO 95 PERCENT OF THE STANDARD PROCTOR DENSITY OR THE MAXIMUM DENSITY AS SPECIFIED BY TXDOT TEST METHOD TEX-114-E. SANDY LOAM SHALL NOT BE USED FOR SELECT FILL

- UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR IS RESPONSIBLE FOR THE PAYMENT OF AND PHYSICAL REMOVAL OF ALL SURPLUS MATERIAL FROM THE SITE. THE REMOVAL OF ANY MATERIAL FROM THE SITE SHALL BE TO A LOCATION APPROVED BY THE GOVERNING AGENCY AND OWNER.
- UNLESS OTHERWISE SPECIFIED, THE PROVISION OF AND PAYMENT FOR BONDING, INCLUDING BUT NOT LIMITED TO THE PROVISION OF PERFORMANCE AND PAYMENT BONDS, IS TO BE CONSIDERED SUBSIDIARY TO OTHER WORK.
- UNLESS OTHERWISE SPECIFIED, AND NOT INCLUDING MEASUREMENT AND PAYMENT SECTIONS, ALL WORK ON THESE PLANS SHALL BE IN CONFORMANCE WITH THE CITY OF AUSTIN STANDARD SPECIFICATIONS.

# LE SPECIAL NOTES FOR STORM WATER POLLUTION PREVENTION PLANS (SW3P)

- ALL EROSION SEDIMENT CONTROLS SHALL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT SHALL BE PERFORMED AT THE FARLIEST POSSIBLE DATE BUT NO LATER THAN 7 CALENDAR DAYS AFTER THE SURROLINDING EXPOSED GROUND HAS DRIED SUFFICIENTLY TO PREVENT FURTHER DAMAGE FROM HEAVY EQUIPMENT, DISTURBED AREAS ON WHICH CONSTRUCTION ACTIVITIES HAVE CEASED, TEMPORARILY OR PERMANENTLY, SHALL BE STABILIZED WITHIN 14 CALENDAR DAYS UNLESS THEY ARE SCHEDULED TO AND DO RESUME WITHIN 21 CALENDAR DAYS. THE AREAS ADJACENT TO CREEKS AND DRAINAGE WAYS SHALL HAVE PRIORITY FOLLOWED BY DEVICES PROTECTING STORM SEWER INLETS,
- AN INSPECTION OF ALL EROSION CONTROLS SHALL BE PERFORMED BY A DESIGNATED INSPECTOR EVERY 7 CALENDAR DAYS AS WELL AS AFTER EVERY HALF INCH OR MORE RAIN AS RECORDED ON A NON-FREEZING RAIN GAUGE TO BE LOCATED ON THE PROJECT SITE. AN INSPECTION AND MAINTENANCE REPORT SHALL BE FILED FOR EACH INSPECTION. BASED ON THE INSPECTION RESULTS, THE CONTROLS SHALL BE REVISED AS PER THE INSPECTION REPORT. CONTRACTOR SHALL CORRECT ANY PROBLEMS IDENTIFIED WITHIN 48 HOURS.
- EXCEPT AS SPECIFIED ELSEWHERE, ALL WASTE MATERIALS SHALL BE COLLECTED IN A METAL DUMPSTER HAVING A SECURE COVER. THE DUMPSTER SHALL MEET ALL STATE AND LOCAL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND DEBRIS FROM CONSTRUCTION SHALL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER SHALL BE EMPTIED, AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION, AND HAULED TO A LOCAL APPROVED LAND FILL SITE, THE BURYING OF CONSTRUCTION WASTE ON THE PROJECT SITE SHALL NOT BE PERMITTED.
- THE SPECIFICATION OF CONCRETE WASHOUT AREAS SHALL BE REQUIRED AND SHALL CONSIST AN APPROVED WASHOUT SYSTEM, SUCH AS RTC SUPPLY VINYL-CON CONCRETE WASHOUT (SIZE BASED ON SIZE OF JOB AND NUMBER OF CONCRETE TRUCKS), OR EQUAL.
- AS A MINIMUM, ANY PRODUCTS IN THE FOLLOWING CATEGORY ARE CONSIDERED TO BE HAZARDOUS: PAINTS, ACIDS, SOLVENTS, ASPHALT PRODUCTS, CHEMICAL ADDITIVES FOR SOIL STABILIZATION, AND CONCRETE CURING COMPOUNDS OR ADDITIVES. IN THE EVENT OF A SPILL WHICH MAY BE HAZARDOUS, THE SPILL REMEDIATED IN ACCORDANCE WITH THE LOCAL AND STATE REGULATIONS.
- ALL SANITARY WASTE SHALL BE COLLECTED FROM PORTABLE UNITS, AS NECESSARY OR AS REQUIRED BY LOCAL REGULATIONS, BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.

# ) FUELS AND HAZARDOUS SUBSTANCES ARE NOT TO BE STORED ON SITE.

) THE CONTRACTOR SHALL UTILIZE DUST CONTROL MEASURES DURING SITE CONSTRUCTION SUCH AS WATERING WITH IRRIGATION TRUCKS AND/OR

- THE LIMITS OF CONSTRUCTION FOR THIS PROJECT IS 0.422 ACRES.
- EXPECTED TIME FRAMES FOR SEQUENCE OF CONSTRUCTION FOR SWPPP:
- GET PERMITS, SET UP EROSION CONTROLS, AND HAVE PRE-CONSTRUCTION CONFERENCE (2 WEEKS) ROUGH CUT PONDS, PERFORM ANY DEMOLITION, AND ROUGH GRADE SITE (1 WEEK)
- CHECK ENVIRONMENTAL CONTROLS (ON-GOING ACTIVITY)
- CONSTRUCTION OF THE CHANNEL (8 WEEKS) FINISH GRADE SITE, CLEAN UP, LANDSCAPE, AND REVEGETATE (2 WEEKS)

SPILL PREVENTION AND CONTROL NOTES (BASED ON TAC 30.327)

NOTIFICATION REQUIREMENTS

A DISCHARGE OR SPILL IS AN ACT OR OMISSION BY WHICH OIL. HAZARDOUS SUBSTANCES, WASTE, OR OTHER SUBSTANCES ARE SPILLED, LEAKED PUMPED, POURED, EMITTED, ENTERED, OR DUMPED ONTO OR INTO WATERS IN THE STATE OF TEXAS OR BY WHICH THOSE SUBSTANCES ARE DEPOSITED WHERE, UNLESS CONTROLLED OR REMOVED, THEY MAY DRAIN, SEEP, RUN, OR OTHERWISE ENTER WATER IN THE STATE OF TEXAS.

(A) REPORTABLE DISCHARGE OR SPILL. A REPORTABLE DISCHARGE OR SPILL IS A DISCHARGE OR SPILL OF OIL, PETROLEUM PRODUCT, USED OIL, HAZARDOUS SUBSTANCES, INDUSTRIAL SOLID WASTE, OR OTHER SUBSTANCES INTO THE ENVIRONMENT IN A QUANTITY EQUAL TO OR GREATER THAN THE REPORTABLE QUANTITY LISTED IN SECTION 327.4 OF THIS TITLE (RELATING TO REPORTABLE QUANTITIES) IN ANY 24-HOUR PERIOD. (B) INITIAL NOTIFICATION. UPON THE DETERMINATION THAT A REPORTABLE DISCHARGE OR SPILL HAS OCCURRED, THE CONTRACTOR SHALL NOTIFY THE TCEQ AS SOON AS POSSIBLE BUT NOT LATER THAN 24 HOURS AFTER THE DISCOVERY OF THE SPILL OR DISCHARGE. (C) METHOD OF NOTIFICATION. THE CONTRACTOR SHALL NOTIFY THE TCEQ IN ANY REASONABLE MANNER INCLUDING BY TELEPHONE, IN PERSON, OR BY ANY OTHER METHOD APPROVED BY THE TCEQ. IN ALL CASES, THE INITIAL NOTIFICATION SHALL PROVIDE, TO THE EXTENT KNOWN, THE INFORMATION LISTED IN SUBSECTION (D) OF THIS SECTION. NOTICE PROVIDED UNDER THIS SECTION SATISFIES THE FEDERAL REQUIREMENT TO NOTIFY THE STATE EMERGENCY RESPONSE COMMISSION IN THE STATE OF TEXAS. THE CONTRACTOR SHALL NOTIFY ONE OF THE FOLLOWING:

(1) THE STATE EMERGENCY RESPONSE CENTER AT 1-800-832-8224; 2) DURING NORMAL BUSINESS HOURS ONLY, THE REGIONAL OFFICE FOR THE TCEQ REGION IN WHICH THE DISCHARGE OR SPILL OCCURRED; OR (3) THE TCEQ AT THE TCEQ 24-HOUR SPILL REPORTING NUMBER(512) 239-2507 OR (512) 463-7727. (D) INFORMATION REQUIRED IN INITIAL NOTIFICATION. THE INITIAL NOTIFICATION SHALL PROVIDE, TO THE EXTENT KNOWN, THE INFORMATION IN THE FOLLOWING LIST. COPIES OF SPILL REPORTS PREPARED FOR OTHER GOVERNMENTAL AGENCIES SHALL SATISFY THIS REQUIREMENT IF THEY CONTAIN, OR ARE SUPPLEMENTED TO CONTAIN, ALL THE INFORMATION REQUIRED BY THIS SUBSECTION. THE INITIAL NOTIFICATION SHALL CONTAIN: (1) THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE PERSON MAKING THE TELEPHONE REPORT;

(2) THE DATE, TIME, AND LOCATION OF THE SPILL OR DISCHARGE: (3) A SPECIFIC DESCRIPTION OR IDENTIFICATION OF THE OIL, PETROLEUM PRODUCT, HAZARDOUS SUBSTANCES OR OTHER SUBSTANCES DISCHARGED

(4) AN ESTIMATE OF THE QUANTITY DISCHARGED OR SPILLED; (5) THE DURATION OF THE INCIDENT: (6) THE NAME OF THE SURFACE WATER OR A DESCRIPTION OF THE WATERS IN THE STATE AFFECTED OR THREATENED BY THE DISCHARGE OR SPILL;

(7) THE SOURCE OF THE DISCHARGE OR SPILL (8) A DESCRIPTION OF THE EXTENT OF ACTUAL OR POTENTIAL WATER POLLUTION OR HARMFUL IMPACTS TO THE ENVIRONMENT AND AN IDENTIFICATION OF ANY ENVIRONMENTALLY SENSITIVE AREAS OR NATURAL RESOURCES AT RISK: (9) IF DIFFERENT FROM PARAGRAPH (1) OF THIS SUBSECTION, THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF THE CONTRACTOR AND THE CONTACT PERSON AT THE LOCATION OF THE DISCHARGE OR SPILL; (10) A DESCRIPTION OF ANY ACTIONS THAT HAVE BEEN TAKEN, ARE BEING TAKEN, AND WILL BE TAKEN TO CONTAIN AND RESPOND TO THE DISCHARGE

(11) ANY KNOWN OR ANTICIPATED HEALTH RISKS: (12) THE IDENTITY OF ANY GOVERNMENTAL REPRESENTATIVES, INCLUDING LOCAL AUTHORITIES OR THIRD PARTIES, RESPONDING TO THE DISCHARGE

(13) ANY OTHER INFORMATION THAT MAY BE SIGNIFICANT TO THE RESPONSE ACTION. (E) UPDATE NOTIFICATION. THE CONTRACTOR SHALL NOTIFY THE TCEQ AS SOON AS POSSIBLE WHENEVER NECESSARY TO PROVIDE INFORMATION THAT WOULD TRIGGER A CHANGE IN THE RESPONSE TO THE SPILL OR DISCHARGE. (F) CORRECTION OF RECORDS. NOTIFYING THE TCEQ THAT A REPORTABLE DISCHARGE OR SPILL HAS OCCURRED SHALL NOT BE CONSTRUED AS AN ADMISSION THAT POLLUTION HAS OCCURRED. FURTHERMORE, IF THE CONTRACTOR DETERMINES, AFTER NOTIFICATION, THAT A REPORTABLE DISCHARGE OR SPILL DID NOT OCCUR. THE CONTRACTOR MAY SEND A LETTER TO THE TCEO DOCUMENTING THAT DETERMINATION. IF THE EXECUTIVE DIRECTOR AGREES WITH THAT DETERMINATION, THE EXECUTIVE DIRECTOR WILL NOTE THE DETERMINATION IN COMMISSION RECORDS, IF THE EXECUTIVE DIRECTOR DISAGREES WITH THAT DETERMINATION, THE EXECUTIVE DIRECTOR WILL NOTIFY THE CONTRACTOR WITHIN 30 DAYS. (G) NOTIFICATION OF LOCAL GOVERNMENTAL AUTHORITIES. IF THE DISCHARGE OR SPILL CREATES AN IMMINENT HEALTH THREAT, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY AND COOPERATE WITH LOCAL EMERGENCY AUTHORITIES (FIRE DEPARTMENT, FIRE MARSHAL, LAW ENFORCEMENT AUTHORITY, HEALTH AUTHORITY, OR LOCAL EMERGENCY PLANNING COMMITTEE (LEPC), AS APPROPRIATE), THE RESPONSIBLE PARTY WILL COOPERATE WITH THE LOCAL EMERGENCY AUTHORITY IN PROVIDING SUPPORT TO IMPLEMENT APPROPRIATE NOTIFICATION AND RESPONSE ACTIONS. THE LOCAL EMERGENCY AUTHORITY, AS NECESSARY, WILL IMPLEMENT ITS EMERGENCY MANAGEMENT PLAN, WHICH MAY INCLUDE NOTIFYING AND EVACUATING AFFECTED PERSONS. IN THE ABSENCE OF A LOCAL EMERGENCY AUTHORITY, THE CONTRACTOR SHALL TAKE REASONABLE MEASURES TO NOTIFY POTENTIALLY AFFECTED PERSONS OF THE IMMINENT HEALTH THREAT.

(H) NOTIFICATION TO PROPERTY OWNER AND RESIDENTS. AS SOON AS POSSIBLE, BUT NO LATER THAN TWO WEEKS AFTER DISCOVERY OF THE SPILL OR DISCHARGE, THE CONTRACTOR SHALL REASONABLY ATTEMPT TO NOTIFY THE OWNER (IF IDENTIFIABLE) OR OCCUPANT OF THE PROPERTY UPON WHICH THE DISCHARGE OR SPILL OCCURRED AS WELL AS THE OCCUPANTS OF ANY PROPERTY THAT THE CONTRACTOR REASONABLY BELIEVES IS ADVERSELY (I) ADDITIONAL NOTIFICATION REQUIRED

(1) NOTICE PROVIDED UNDER THIS SECTION SATISFIES THE FEDERAL REQUIREMENT TO NOTIFY THE STATE EMERGENCY RESPONSE COMMISSION IN THE STATE OF TEXAS. HOWEVER, COMPLYING WITH THE NOTIFICATION REQUIREMENTS SET FORTH IN THIS SECTION DOES NOT RELIEVE, SATISFY, OR FULFILL ANY OTHER NOTIFICATION REQUIREMENTS IMPOSED BY PERMIT OR OTHER LOCAL. STATE. OR FEDERAL LAW. THE CONTRACTOR SHOULD CONTACT THE LOCAL AUTHORITIES TO DETERMINE IF ANY ADDITIONAL NOTIFICATION IS REQUIRED AND SHOULD CONSULT WITH THE TECQ AS TO WHETHER ANY ADDITIONAL STATE OR FEDERAL NOTIFICATION IS REQUIRED.

(1) CONTRACTORS IN CHARGE OF ACTIVITIES AND FACILITIES MAY SUBMIT AND IMPLEMENT AN ALTERNATIVE NOTIFICATION PLAN. THIS ALTERNATIVE NOTIFICATION PLAN SHALL COMPLY WITH THE TEXAS WATER CODE, SECTION 26.039. CONTRACTORS SHALL OBTAIN THE TCEQ'S WRITTEN APPROVAL BEFORE IMPLEMENTING ANY ALTERNATIVE NOTIFICATION PLAN. (2) UPON APPROVAL OF THE TCEQ REGIONAL MANAGER, CONTRACTORS MAY PROVIDE THE INITIAL NOTIFICATION BY FACSIMILE TO THE REGIONAL OFFICE DURING NORMAL BUSINESS HOURS.

(A) HAZARDOUS SUBSTANCES. THE REPORTABLE QUANTITIES FOR HAZARDOUS SUBSTANCES SHALL BE: (1) FOR SPILLS OR DISCHARGES ONTO LAND.-THE QUANTITY DESIGNATED AS THE FINAL REPORTABLE QUANTITY (RQ) IN TABLE 302.4 IN 40 CFR SECTION (2) FOR SPILLS OR DISCHARGES INTO WATERS IN THE STATE--THE QUANTITY DESIGNATED AS THE FINAL RQ IN TABLE 302.4 IN 40 CFR SECTION 302.4,

EXCEPT WHERE THE FINAL RQ IS GREATER THAN 100 POUNDS IN WHICH CASE THE RQ SHALL BE 100 POUNDS. (B) OIL, PETROLEUM PRODUCT, AND USED OIL. (1) THE RQ FOR CRUDE OIL AND OIL OTHER THAN THAT DEFINED AS PETROLEUM PRODUCT OR USED OIL SHALL BE:

(A) FOR SPILLS OR DISCHARGES ONTO LAND-210 GALLONS (FIVE BARRELS); OR (B) FOR SPILLS OR DISCHARGES DIRECTLY INTO WATER IN THE STATE-QUANTITY SUFFICIENT TO CREATE A SHEEN. (2) THE RQ FOR PETROLEUM PRODUCT AND USED OIL SHALL BE:

(A) EXCEPT AS NOTED IN SUBPARAGRAPH (B) OF THIS PARAGRAPH. FOR SPILLS OR DISCHARGES ONTO LAND-25 GALLONS: (B) FOR SPILLS OR DISCHARGES TO LAND FROM PST EXEMPTED FACILITIES--210 GALLONS (FIVE BARRELS); OR

# (A) THE CONTRACTOR SHALL IMMEDIATELY ABATE AND CONTAIN THE SPILL OR DISCHARGE AND COOPERATE FULLY WITH THE EXECUTIVE DIRECTOR AND THE LOCAL INCIDENT COMMAND SYSTEM. THE CONTRACTOR SHALL ALSO BEGIN REASONABLE RESPONSE ACTIONS WHICH MAY INCLUDE, BUT ARE NOT

(C) INDUSTRIAL SOLID WASTE OR OTHER SUBSTANCES. THE RQ FOR SPILLS OR DISCHARGES INTO WATER IN THE STATE SHALL BE 100 POUNDS.

LIMITED TO, THE FOLLOWING ACTIONS: (1) ARRIVAL OF THE CONTRACTOR OR RESPONSE PERSONNEL HIRED BY THE CONTRACTOR AT THE SITE OF THE DISCHARGE OR SPILL; (2) INITIATING EFFORTS TO STOP THE DISCHARGE OR SPILL

(3) MINIMIZING THE IMPACT TO THE PUBLIC HEALTH AND THE ENVIRONMENT: (4) NEUTRALIZING THE EFFECTS OF THE INCIDENT;

(5) RFMOVING THE DISCHARGED OR SPILLED SUBSTANCES; AND

(6) MANAGING THE WASTES (B) UPON REQUEST OF THE LOCAL GOVERNMENT RESPONDERS OR THE EXECUTIVE DIRECTOR, THE CONTRACTOR SHALL PROVIDE A VERBAL OR WRITTEN DESCRIPTION, OR BOTH, OF THE PLANNED RESPONSE ACTIONS AND ALL ACTIONS TAKEN BEFORE THE LOCAL GOVERNMENTAL RESPONDERS OR THE EXECUTIVE DIRECTOR ARRIVE. WHEN THE TCEO ON-SCENE COORDINATOR REQUESTS THIS INFORMATION. IT IS SUBJECT TO POSSIBLE ADDITIONAL RESPONSE ACTION REQUIREMENTS BY THE EXECUTIVE DIRECTOR, THE INFORMATION WILL SERVE AS A BASIS FOR THE EXECUTIVE DIRECTOR TO DETERMINE THE NEED FOR:

(1) FURTHER RESPONSE ACTIONS BY THE CONTRACTOR (2) INITIATING STATE FUNDED ACTIONS FOR WHICH THE CONTRACTOR MAY BE HELD LIABLE TO THE MAXIMUM EXTENT ALLOWED BY LAW; AND (3) SUBSEQUENT REPORTS ON THE RESPONSE ACTIONS. (C) EXCEPT FOR DISCHARGES OR SPILLS OCCURRING DURING THE NORMAL COURSE OF TRANSPORTATION ABOUT WHICH CARRIERS ARE REQUIRED TO FILE A WRITTEN REPORT WITH THE U.S. DEPARTMENT OF TRANSPORTATION UNDER 49 CFR SECTION 171.16, THE CONTRACTOR SHALL SUBMIT WRITTEN INFORMATION, SUCH AS A LETTER, DESCRIBING THE DETAILS OF THE DISCHARGE OR SPILL AND SUPPORTING THE ADEQUACY OF THE RESPONSE ACTION, TO THE APPROPRIATE TOEO REGIONAL MANAGER WITHIN 30 WORKING DAYS OF THE DISCOVERY OF THE REPORTABLE DISCHARGE OR SPILL THE REGIONAL MANAGER HAS THE DISCRETION TO EXTEND THE DEADLINE. THE DOCUMENTATION SHALL CONTAIN ONE OF THE FOLLOWING ITEMS: (1) A STATEMENT THAT THE DISCHARGE OR SPILL RESPONSE ACTION HAS BEEN COMPLETED AND A DESCRIPTION OF HOW THE RESPONSE ACTION WAS CONDUCTED. THE STATEMENT SHALL INCLUDE THE INITIAL REPORT INFORMATION REQUIRED BY SECTION 327.3(C) OF THIS TITLE (RELATING TO NOTIFICATION REQUIREMENTS). THE EXECUTIVE DIRECTOR MAY REQUEST ADDITIONAL INFORMATION, APPROPRIATE RESPONSE ACTIONS AT ANY TIME FOLLOWING THE DISCHARGE OR SPILL INCLUDE USE OF THE TEXAS RISK REDUCTION PROGRAM RULES IN CHAPTER 350 OF THIS TITLE (RELATING TO TEXAS RISK REDUCTION PROGRAM). (2) A REQUEST FOR AN EXTENSION OF TIME TO COMPLETE THE RESPONSE ACTION, ALONG WITH THE REASONS FOR THE REQUEST. THE REQUEST SHALL ALSO INCLUDE A PROJECTED WORK SCHEDULE OUTLINING THE TIME REQUIRED TO COMPLETE THE RESPONSE ACTION. THE EXECUTIVE DIRECTOR MAY

GRANT AN EXTENSION UP TO SIX MONTHS FROM THE DATE THE SPILL OR DISCHARGE WAS REPORTED. UNLESS OTHERWISE NOTIFIED BY THE

APPROPRIATE REGIONAL MANAGER OR THE EMERGENCY RESPONSE TEAM, THE CONTRACTOR SHALL PROCEED ACCORDING TO THE TERMS OF THE (3) A STATEMENT THAT THE DISCHARGE OR SPILL RESPONSE ACTION HAS NOT BEEN COMPLETED NOR IS IT EXPECTED TO BE COMPLETED WITHIN THE MAXIMUM ALLOWABLE SIX MONTH EXTENSION. THE STATEMENT SHALL EXPLAIN WHY COMPLETION OF THE RESPONSE ACTION IS NOT FEASIBLE AND INCLUDE A PROJECTED WORK SCHEDULE OUTLINING THE REMAINING TASKS TO COMPLETE THE RESPONSE ACTION. THIS INFORMATION WILL ALSO SERVE AS NOTIFICATION THAT THE RESPONSE ACTIONS TO THE DISCHARGE OR SPILL WILL BE CONDUCTED UNDER THE TEXAS RISK REDUCTION

# TLE GENERAL DRAINAGE AND GRADING NOTES;

- 1) UNLESS OTHERWISE SPECIFIED, ALL FINISHED EARTHEN SLOPES ARE TO BE FINE GRADED TO PROVIDE A RELATIVELY UNIFORM SURFACE WITH NO ROCKS GREATER THAN 1-INCH IN DIAMETER, NO CLODS OF SOIL GREATER THAN 2-INCHES IN DIAMETER, AND NO DEVIATIONS FROM AN OTHERWISE SMOOTH SURFACE GREATER THAN 4 INCHES IN HEIGHT OR DEPTH WITH NO AREAS OF STANDING WATER.
- 2) ALL FINISHED SLOPES OF A GRADE OF 3:1 OR GREATER ARE TO BE COVERED WITH A JUTE MAT, CURLEX MATTING, OR SIMILAR PRODUCT AFTER SEEDING WITH HYDROMULCH AND THE JUTE ANCHORED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

PROGRAM RULES IN CHAPTER 350 OF THIS TITLE (RELATING TO TEXAS RISK REDUCTION PROGRAM).

- 3) UNLESS OTHERWISE SPECIFIED, ALL CULVERTS 18-INCH AND LARGER SHALL BE ASTM C76 REINFORCED CONCRETE PIPE (RCP) AND ALL CULVERTS LESS THAN 18-INCHES IN DIAMETER SHALL BE SCHEDULE 40 PVC. UNLESS OTHERWISE SPECIFIED, ALL CONCRETE PIPE IN PAVEMENT AREAS SHALL BE CLASS IV. UNLESS OTHERWISE SPECIFIED, ALL CONCRETE PIPE IN NON-TRAFFIC AREAS SHALL BE CLASS III.
- 4) UNLESS OTHERWISE SHOWN, ALL TRICKLE CHANNELS AND PIPES SHALL HAVE A MINIMUM SLOPE OF 0.5 PERCENT AND ALL EARTHEN SLOPES SHALL

## TLE GENERAL PAVEMENT NOTES

1) ALL MARKINGS, MARKERS, SIGNAGE, BUTTONS, PAINT AND OTHER TRAFFIC RELATED CONTROLS SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) MANUAL ON UNIFORM TRAFFIC CONTROL DEVISES FOR STREETS AND HIGHWAYS (MUTCD). THESE INCLUDE ANY METHODS. PAVEMENT MARKING, SIGNAGE NECESSARY FOR WARNING MOTORISTS, WARN PEDESTRIAN AND/OR DIVERTING TRAFFIC DURING CONSTRUCTION AS WELL AS ANY MARKINGS, MARKERS, SIGNAGE, BUTTONS, AND PAINT REQUIRED FOR THE

## TLE GENERAL CONCRETE NOTES:

- 1) ALL CONCRETE, REINFORCING, AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST ACI CODES AND IBC INCLUDING LAPS, SPLICES, TERMINATIONS, BAR SUPPORTS, AND CONCRETE COVER.
- 2) UNLESS OTHERWISE SPECIFIED, BARS SHALL BE DEFORMED GRADE 60.
- 3) UNLESS OTHERWISE SPECIFIED, ALL CONCRETE FOR FLAT WORK, CURBS, AND WALLS 3 FEET IN HEIGHT OR LESS SHALL CONFORM TO CITY OF AUSTIN CLASS A (3000 psi) AND ALL CONCRETE FOR WALLS GREATER THAN 3 FEET IN HEIGHT, AND OTHER VERTICAL STRUCTURES, SHALL CONFORM
- 4) UNLESS OTHERWISE SPECIFIED, ALL DOWELS SHALL BE OF THE SAME SIZE AND SPACING AS THE REINFORCEMENT TO WHICH THE DOWEL IS TO BE SPLICED. DOWELS SHALL BE FIRMLY SET PRIOR TO PLACING THE CONCRETE; DOWELS SHALL NOT BE INSERTED INTO FRESH CONCRETE.
- 5) UNLESS OTHERWISE SPECIFIED, ALL EXPOSED WALL EDGES ARE TO RECEIVE 3/4" CHAMFER.
- 6) UNLESS OTHERWISE SPECIFIED, ALL EXPOSED VERTICAL SURFACES TO RECEIVE A RUBBED FINISH AND ALL EXPOSED FLAT WORK SURFACES TO RECEIVE A BROOM FINISH.
- 7) UNLESS OTHERWISE SPECIFIED OR SHOWN, EXPANSION JOINTS AND CONTROL JOINTS SHOULD BE LAID OUT SO THAT NO SECTION OF CONCRETE HAS A CORNER WITH AN ANGLE LESS THAN 60 DEGREES. ANY JOINT FORMING A CORNER WITH AN ANGLE OF LESS THAN 60 DEGREES SHOULD BE REALIGNED TO INCLUDE A STRAIGHT SECTION AT 90 DEGREES THAT IS AT LEAST 6 INCHES IN LENGTH
- 8) UNLESS OTHERWISE SPECIFIED, CONTROL JOINTS IN CONCRETE FLAT WORK SHALL BE FORMED WITH A TROWEL, 3/4" DEEP, 5 FEET ON CENTER, AND ROUNDED. UNLESS OTHERWISE SPECIFIED, CONTROL JOINTS IN VERTICAL CONCRETE SHALL BE FORMED WITH 3/4" CHAMFER STRIPS AND SHALL BE SPACED NO FURTHER APART THAN 25 FEET ON CENTER.
- 9) UNLESS OTHERWISE SPECIFIED, EXPANSION JOINTS SHALL BE INCLUDED IN ALL CONCRETE FLAT WORK AT A MAXIMUM SPACING OF 25 FEET ON CENTER AND SHALL BE INCLUDED IN ALL CONCRETE WALLS AT A MAXIMUM SPACING OF 20 FEET ON CENTER. JOINTS SHALL BE 3/4-INCH WIDE AND FILLED WITH ASPHALTIC FIBER BOARD. EXPANSION JOINTS IN WALLS RETAINING WATER SHALL INCLUDE A CONTINUOUS WATER STOP EXTENDING DOWN TO THE FOOTING. DOWELS SHALL BE INCLUDED IN ALL EXPANSION JOINTS THAT ARE AT LEAST OF THE SAME SIZE AND SPACING AS THE

### TREE AND NATURAL AREA PROTECTION NOTES (COA ECM APPENDIX P-2)

- . ALL TREES AND NATURAL AREAS SHOWN ON PLAN TO BE PRESERVED SHALL BE PROTECTED DURING CONSTRUCTION WITH TEMPORARY FENCING. PROTECTIVE FENCES SHALL BE ERECTED ACCORDING TO CITY OF AUSTIN STANDARDS FOR TREE PROTECTION.
- : PROTECTIVE FENCES SHALL BE INSTALLED PRIOR TO THE START OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR GRADING), AND SHALL BE MAINTAINED THROUGHOUT ALL PHASES OF THE CONSTRUCTION PROJECT.
- 4. EROSION AND SEDIMENTATION CONTROL BARRIERS SHALL BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILD-UP WITHIN TREE DRIP LINES. 5. PROTECTIVE FENCES SHALL SURROUND THE TREES OR GROUP OF TREES, AND WILL BE LOCATED AT THE OUTERMOST LIMIT OF BRANCHES (DRIP
- LINE), FOR NATURAL AREAS, PROTECTIVE FENCES SHALL FOLLOW THE LIMIT OF CONSTRUCTION LINE, IN ORDER TO PREVENT THE FOLLOWING: A. SOIL COMPACTION IN THE ROOT ZONE AREA RESULTING FROM VEHICULAR TRAFFIC OR STORAGE OF EQUIPMENT OR MATERIALS; B. ROOT ZONE DISTURBANCES DUE TO GRADE CHANGES (GREATER THAN 6 INCHES CUT OR FILL), OR TRENCHING NOT REVIEWED AND AUTHORIZED BY THE CITY ARBORIST:
- C. WOUNDS TO EXPOSED ROOTS, TRUNK OR LIMBS BY MECHANICAL EQUIPMENT; D. OTHER ACTIVITIES DETRIMENTAL TO TREES SUCH AS CHEMICAL STORAGE, CEMENT TRUCK CLEANING, AND FIRES. 6. EXCEPTIONS TO INSTALLING FENCES AT TREE DRIP LINES MAY BE PERMITTED IN THE FOLLOWING CASES:
  - A. WHERE THERE IS TO BE AN APPROVED GRADE CHANGE, IMPERMEABLE PAVING SURFACE, TREE WELL, OR OTHER SUCH SITE DEVELOPMENT, ERECT THE FENCE APPROXIMATELY 2 TO 4 FEET BEYOND THE AREA DISTURBED; B. WHERE PERMEABLE PAVING IS TO BE INSTALLED WITHIN A TREE'S DRIP LINE, ERECT THE FENCE AT THE OUTER LIMITS OF THE

PERMEABLE PAVING AREA (PRIOR TO SITE GRADING SO THAT THIS AREA IS GRADED SEPARATELY PRIOR TO PAVING INSTALLATION TO

- MINIMIZED ROOT DAMAGE): C. WHERE TREES ARE CLOSE TO PROPOSED BUILDINGS, ERECT THE FENCE TO ALLOW 6 TO 10 FEET OF WORK SPACE BETWEEN THE FENCE
- D. WHERE THERE ARE SEVERE SPACE CONSTRAINTS DUE TO TRACT SIZE, OR OTHER SPECIAL REQUIREMENTS, CONTACT THE CITY ARBORIST AT 974-1876 TO DISCUSS ALTERNATIVES.

SPECIAL NOTE: FOR THE PROTECTION OF NATURAL AREAS, NO EXCEPTIONS TO INSTALLING FENCES AT THE LIMIT OF CONSTRUCTION LINE WILL BE

- : WHERE ANY OF THE ABOVE EXCEPTIONS RESULT IN A FENCE BEING CLOSER THAN 4 FEET TO A TREE TRUNK, PROTECT THE TRUNK WITH STRAPPED-ON PLANKING TO A HEIGHT OF 8 FT (OR TO THE LIMITS OF LOWER BRANCHING) IN ADDITION TO THE REDUCED FENCING PROVIDED.
- 8. TREES APPROVED FOR REMOVAL SHALL BE REMOVED IN A MANNER WHICH DOES NOT IMPACT TREES TO BE PRESERVED 9. ANY ROOTS EXPOSED BY CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SOIL, BACKFILL ROOT AREAS WITH GOOD QUALITY TOP SOIL AS SOON AS POSSIBLE. IF EXPOSED ROOT AREAS ARE NOT BACKFILLED WITHIN 2 DAYS, COVER THEM WITH ORGANIC MATERIAL IN A MANNER WHICH REDUCES SOIL TEMPERATURE AND MINIMIZES WATER LOSS DUE TO EVAPORATION.
- 10. ANY TRENCHING REQUIRED FOR THE INSTALLATION OF LANDSCAPE IRRIGATION SHALL BE PLACED AS FAR FROM EXISTING TREE TRUNKS AS 11. NO LANDSCAPE TOPSOIL DRESSING GREATER THAN 4 INCHES SHALL BE PERMITTED WITHIN THE DRIP LINE OF TREES. NO SOIL IS PERMITTED ON THE
- ROOT FLARE OF ANY TREE. 12. PRUNING TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC AND EQUIPMENT SHALL TAKE PLACE BEFORE DAMAGE OCCURS (RIPPING OF BRANCHES, ETC.
- ARBORIST ASSOCIATION PRUNING STANDARDS FOR SHADE TREES AVAILABLE ON REQUEST FROM THE CITY ARBORIST). 14. DEVIATIONS FROM THE ABOVE NOTES MAY BE CONSIDERED ORDINANCE VIOLATIONS IF THERE IS SUBSTANTIAL NON-COMPLIANCE OR IF A TREE

13. ALL FINISHED PRUNING SHALL BE DONE ACCORDING TO RECOGNIZED, APPROVED STANDARDS OF THE INDUSTRY (REFERENCE THE NATIONAL

# (COA ECM APPENDIX P-1)

- 1. THE CONTRACTOR SHALL INSTALL EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR EXCAVATION).
- 2. THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE ENVIRONMENTAL CRITERIA MANUAL AND THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN. THE COA ESC PLAN SHALL BE CONSULTED AND USED AS THE BASIS FOR A TPDES REQUIRED SWPPP. IF A SWPPP IS REQUIRED, IT SHALL BE AVAILABLE FOR REVIEW BY THE CITY OF AUSTIN ENVIRONMENTAL INSPECTOR AT ALL TIMES DURING CONSTRUCTION, INCLUDING AT THE PRE-CONSTRUCTION MEETING. THE CHECKLIST BELOW CONTAINS THE BASIC ELEMENTS THAT SHALL BE REVIEWED FOR PERMIT APPROVAL BY COA EV PLAN REVIEWERS AS WELL AS COA EV INSPECTORS.
- 3. THE PLACEMENT OF TREE/NATURAL AREA PROTECTIVE FENCING SHALL BE IN ACCORDANCE WITH THE CITY OF AUSTIN STANDARD NOTES FOR TREE AND NATURAL AREA PROTECTION AND THE APPROVED GRADING/TREE AND NATURAL AREA PLAN.
- 4. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD ON-SITE WITH THE CONTRACTOR, DESIGN ENGINEER/PERMIT APPLICANT AND ENVIRONMENTAL INSPECTOR AFTER INSTALLATION OF THE EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTION MEASURES AND PRIOR TO BEGINNING ANY SITE PREPARATION WORK. THE OWNER OR OWNER'S REPRESENTATIVE SHALL NOTIFY THE DEVELOPMENT SERVICES DEPARTMENT 974-2278, AT LEAST THREE DAYS PRIOR TO THE MEETING DATE. COA APPROVED ESC PLAN AND TPDES SWPPP (IF REQUIRED) SHOULD BE REVIEWED BY COA EV INSPECTOR AT THIS TIME
- ANY MAJOR VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON THE APPROVED PLANS WILL REQUIRE A REVISION AND MUST BE APPROVED BY THE REVIEWING ENGINEER, ENVIRONMENTAL SPECIALIST OR CITY ARBORIST AS APPROPRIATE. MAJOR REVISIONS MUST BE APPROVED BY THE DEVELOPMENT SERVICES DEPARTMENT. MINOR CHANGES TO BE MADE AS FIELD REVISIONS TO THE FROSION AND SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE ENVIRONMENTAL INSPECTOR DURING THE COURSE OF CONSTRUCTION TO CORRECT
- THE CONTRACTOR IS REQUIRED TO PROVIDE A CERTIFIED INSPECTOR WITH EITHER A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC), CERTIFIED EROSION, SEDIMENT AND STORMWATER-INSPECTOR (CESSWI) OR CERTIFIED INSPECTOR OF SEDIMENTATION AND EROSION CONTROLS (CISEC) CERTIFICATION TO INSPECT THE CONTROLS AND FENCES AT WEEKLY INTERVALS AND AFTER SIGNIFICANT RAINFALL EVENTS TO INSURE THAT THEY ARE FUNCTIONING PROPERLY. THE PERSON(S) RESPONSIBLE FOR MAINTENANCE OF CONTROLS AND FENCES SHALL IMMEDIATELY MAKE ANY NECESSARY REPAIRS TO DAMAGED AREAS. SILT ACCUMULATION AT CONTROLS MUST BE REMOVED WHEN THE DEPTH REACHES SIX (6)
- . PRIOR TO FINAL ACCEPTANCE BY THE CITY, HAUL ROADS AND WATERWAY CROSSINGS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REMOVED, ACCUMULATED SEDIMENT REMOVED FROM THE WATERWAY AND THE AREA RESTORED TO THE ORIGINAL GRADE AND REVEGETATED. ALL LAND CLEARING DEBRIS SHALL BE DISPOSED OF IN APPROVED SPOIL DISPOSAL SITES.
- 8. ALL WORK MUST STOP IF A VOID IN THE ROCK SUBSTRATE IS DISCOVERED WHICH IS; ONE SQUARE FOOT IN TOTAL AREA; BLOWS AIR FROM WITHIN THE SUBSTRATE AND/OR CONSISTENTLY RECEIVES WATER DURING ANY RAIN EVENT. AT THIS TIME IT IS THE RESPONSIBILITY OF THE PROJECT MANAGER TO IMMEDIATELY CONTACT A CITY OF AUSTIN ENVIRONMENTAL INSPECTOR FOR FURTHER INVESTIGATION.
- 9. TEMPORARY AND PERMANENT EROSION CONTROL: ALL DISTURBED AREAS SHALL BE RESTORED AS NOTED BELOW.
- A. ALL DISTURBED AREAS TO BE REVEGETATED ARE REQUIRED TO PLACE A MINIMUM OF SIX (6) INCHES OF TOPSOIL [SEE STANDARD SPECIFICATION ITEM NO. 601S.3(A)]. DO
- NOT ADD TOPSOIL WITHIN THE CRITICAL ROOT ZONE OF EXISTING TREES. THE TOPSOIL SHALL BE COMPOSED OF 4 PARTS OF SOIL MIXED WITH 1 PART COMPOST, BY VOLUME.
- THE COMPOST SHALL MEET THE DEFINITION OF COMPOST AS DEFINED BY TXDOT SPECIFICATION ITEM 161. THE SOIL SHALL BE LOCALLY AVAILABLE NATIVE SOIL THAT MEETS THE FOLLOWING SPECIFICATIONS:
- § SHALL BE FREE OF TRASH, WEEDS, DELETERIOUS MATERIALS, ROCKS, AND DEBRIS. § 100% SHALL PASS THROUGH A 1.5-INCH (38-MM) SCREEN.
- § SOIL TO BE A LOAMY MATERIAL THAT MEETS THE REQUIREMENTS OF THE TABLE BELOW IN ACCORDANCE WITH THE USDA TEXTURAL TRIANGLE. SOIL KNOWN LOCALLY AS "RED DEATH" IS NOT AN ALLOWABLE SOIL. TEXTURAL COMPOSITION SHALL MEET THE FOLLOWING CRITERIA:

INC	JI AN ALLOWABLE SC	IL. TEXTURAL CO	DIMPOSITION SE	1ALL IVIEE
	TEXTURAL COMPOS	ITION REQUIREM	ENTS	
	TEXTURE CLASS	MINIMUM	MAXIMUM	
	CLAY	5%	50%	
	SILT	10%	50%	
	SAND	15%	67%	

§ AN OWNER/ENGINEER MAY PROPOSE USE OF ONSITE SALVAGED TOPSOIL WHICH DOES NOT MEET THE SOIL TEXTURE CLASS REQUIRED ABOVE BY PROVIDING A SOIL ANALYSIS AND A WRITTEN STATEMENT FROM A QUALIFIED PROFESSIONAL IN SOILS, LANDSCAPE ARCHITECTURE, OR AGRONOMY INDICATING THE ONSITE TOPSOIL WILL PROVIDE AN EQUIVALENT GROWTH MEDIA AND SPECIFYING WHAT, IF ANY, SOIL AMENDMENTS ARE REQUIRED.

§ SOIL AMENDMENTS SHALL BE WORKED INTO THE EXISTING ONSITE TOPSOIL WITH A DISC OR TILLER TO CREATE A WELL-BLENDED MATERIAL.

- TOPSOIL SALVAGED FROM THE EXISTING SITE MAY OFTEN BE USED, BUT IT SHOULD MEET THE SAME STANDARDS AS SET FORTH IN THESE STANDARDS. THE VEGETATIVE STABILIZATION OF AREAS DISTURBED BY CONSTRUCTION SHALL BE AS FOLLOWS:
- TEMPORARY VEGETATIVE STABILIZATION: FROM SEPTEMBER 15 TO MARCH 1, SEEDING SHALL BE WITH COOL SEASON COVER CROPS (WHEAT AT 0,5 POUNDS PER 1000 SF, OATS AT 0,5 POUNDS PER
- 1000 SF, CEREAL RYE GRAIN AT 0.5 POUNDS PER 1000 SF) WITH A TOTAL RATE OF 1.5 POUNDS PER 1000 SF. COOL SEASON COVER CROPS ARE NOT
- 2. FROM MARCH 2 TO SEPTEMBER 14, SEEDING SHALL BE WITH HULLED BERMUDA AT A RATE OF 1 POUNDS PER 1000 SF.
- A. FERTILIZER SHALL BE WATER SOLUBLE WITH AN ANALYSIS OF 15-15-15 TO BE APPLIED ONCE AT PLANTING AND ONCE DURING THE PERIOD OF ESTABLISHMENT AT A RATE OF 1/2 POUND PER 1000 SF.
- B. HYDROMULCH SHALL COMPLY WITH TABLE1, BELOW.
- C. TEMPORARY EROSION CONTROL SHALL BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST 1 1/2 INCHES HIGH WITH 95% COVERAGE, PROVIDED NO BARE SPOTS LARGER THAN 16 SQUARE FEET EXIST. D. WHEN REQUIRED, NATIVE GRASS SEEDING SHALL COMPLY WITH REQUIREMENTS OF THE CITY OF AUSTIN ENVIRONMENTAL CRITERIA MANUAL.

TABLE 1: HYDROMULCHING FOR TEMPORARY VEGETATIVE STABILIZATION						
MATERIAL	DESCRIPTION	LONGEVITY	TYPICAL APPLICATIONS	APPLICATION RATES		
100% OR ANY	70% OR GREATER	0-3 MONTHS	MODERATE SLOPES;	1500 TO 200 LBS		
BLEND OF WOOD,	WOOD/STRAW		FROM FLAT TO 3:1	PER ACRE		
CELLULOSE, STRAW,	30% OR LESS					
AND/OR COTTON	PAPER OR NATURAL					
PLANT MATERIAL	FIBERS					
/=\/0====\\\.						

# PERMANENT VEGETATIVE STABILIZATION:

SHALL EXCEED

30% PAPER)

- 1. FROM SEPTEMBER 15 TO MARCH 1, SEEDING IS CONSIDERED TO BE TEMPORARY STABILIZATION ONLY. IF COOL SEASON COVER CROPS EXIST WHERE PERMANENT VEGETATIVE STABILIZATION IS DESIRED, THE GRASSES SHALL BE MOWED TO A HEIGHT OF LESS THAN ONE-HALF (1/2) INCH AND THE AREA SHALL BE RE-SEEDED IN ACCORDANCE WITH 2, BELOW,
- 2. FROM MARCH 2 TO SEPTEMBER 14, SEEDING SHALL BE WITH HULLED BERMUDA AT A RATE OF 1 POUND PER 1000 SF WITH A PURITY OF 95% WITH
- 85% GERMINATION. BERMUDA GRASS IS A WARM SEASON GRASS AND IS CONSIDERED PERMANENT EROSION CONTROL. A. FERTILIZER SHALL BE A WATER SOLUBLE WITH AN ANALYSIS OF 15-15-15 TO BE APPLIED ONCE AT PLANTING AND ONCE DURING THE PERIOD
- OF ESTABLISHMENT AT A RATE OF 1/2 POUND PER 1000 SF.
- B. HYDROMULCH SHALL COMPLY WITH TABLE 2, BELOW. C. THE PLANTED AREA SHALL BE IRRIGATED OR SPRINKLED IN A MANNER THAT WILL NOT ERODE THE TOPSOIL, BUT WILL SUFFICIENTLY SOAK THE SOIL TO A DEPTH OF SIX INCHES. THE IRRIGATION SHALL OCCUR AT DAILY INTERVALS (MINIMUM) DURING THE FIRST TWO MONTHS.
- RAINFALL OCCURRENCES OF ½ INCH OR MORE SHALL POSTPONE THE WATERING SCHEDULE FOR ONE WEEK. D. PERMANENT EROSION CONTROL SHALL BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST 11/2 INCHES HIGH WITH 95% COVERAGE,
- PROVIDED NO BARE SPOTS LARGER THAN 16 SQUARE FEET EXIST. E. WHEN REQUIRED, NATIVE GRASS SEEDING SHALL COMPLY WITH REQUIREMENTS OF THE CITY OF AUSTIN ENVIRONMENTAL CRITERIA MANUAL.

	TABLE 2: HYDROMULCH	HING FOR PERMANEN	IT VEGETATIVE STABILIZATION	
MATERIAL	DESCRIPTION	LONGEVITY	TYPICAL APPLICATIONS	APPLICATION RATES
BONDED FIBER	80% ORGANIC	6 MONTHS	ON SLOPES UP TO	2500 TO 4000 LBS
MATRIX (BFM)	DEFIBRATED FIBERS		2:1 AND EROSIVE	PER ACRE (SEE
	10% TACKIFIER		SOIL CONDITIONS	MANUFACTURERS
				RECOMMENDATIONS
FIBER REINFORCED	65% ORGANIC	UP TO	ON SLOPES UP TO	3000 TO 4500 LBS
MATRIX (FRM)	DEFIBRATED FIBERS	12 MONTHS	1:1 AND EROSIVE	PER ACRE (SEE
	25% REINFORCING		SOIL CONDITIONS	MANUFACTURERS

RECOMMENDATIONS)

10. DEVELOPER INFORMATION: OWNER: 1800 EVERGREEN DEVELOPMENT, LLC ADDRESS: 815 A BRAZOS, SUITE 215

AUSTIN, TX 78701

PHONE# OWNER'S REPRESENTATIVE RESPONSIBLE FOR PLAN ALTERATIONS:

THOMPSON LAND ENGINEERING PHONE# (512) 328-0002 PERSON OR FIRM RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL MAINTENANCE: GENERAL CONTRACTOR PHONE # TBA

PERSON OR FIRM RESPONSIBLE FOR TREE/NATURAL AREA PROTECTION MAINTENANCE:

GENERAL CONTRACTOR PHONE # TBA 11. THE CONTRACTOR SHALL NOT DISPOSE OF SURPLUS EXCAVATED MATERIAL FROM THE SITE WITHOUT NOTIFYING THE DEVELOPMENT SERVICES DEPARTMENT AT 974-2278 AT LEAST 48 HOURS PRIOR WITH THE LOCATION AND A COPY OF THE PERMIT ISSUED TO RECEIVE THE MATERIAL

- REVIEW THE PLANS FOR ANY ASPECTS WHICH MAY SEEM UNCLEAR AND GET ANY CLARIFICATIONS NEEDED FROM THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION. DO NOT BEGIN CONSTRUCTION UNTIL YOU BELIEVE THAT YOU UNDERSTAND ALL THE NOTES AND GRAPHICS ON THE PLAN VIEWS AND PROFILES, AS WELL AS THE NOTES ON THE
- GENERAL NOTES SHEET AND THE DETAILS ON THE DETAILS SHEETS. VERIFY WHETHER A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED AND, IF ONE IS REQUIRED, FILE A NOTICE OF INTENT (NOI) PRIOR TO COMMENCING CONSTRUCTION. ALSO POST THE REQUIRED CONSTRUCTION SITE NOTICE
- AND ENSURE A COPY OF THE REPORT IS KEPT IN THE LOCATION CITED ON THE CONSTRUCTION NOTICE. MAKE SURE ANY DEMOLITION AND/OR WORK IN THE RIGHT-OF-WAY PERMITS HAVE BEEN OBTAINED. NO CONSTRUCTION
- IS TO COMMENCE WITHOUT A TRAFFIC CONTROL PLAN APPROVED BY THE CITY OF AUSTIN RIGHT-OF-WAY MANAGEMENT
- VERIFY THAT THESE PLANS ARE THE APPROVED SET AND, IF SO, INSTALL EROSION CONTROLS AND TREE PROTECTION AS SHOWN ON THESE PLANS
- TEMPORARY EROSION AND SEDIMENTATION CONTROLS ARE TO BE INSTALLED AS INDICATED ON THE APPROVED SITE PLAN OR SUBDIVISION CONSTRUCTION PLAN AND IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) THAT IS REQUIRED TO BE POSTED ON THE SITE. INSTALL TREE PROTECTION AND INITIATE TREE
- THE ENVIRONMENTAL PROJECT MANAGER OR SITE SUPERVISOR MUST CONTACT THE WATERSHED PROTECTION DEPARTMENT, ENVIRONMENTAL INSPECTION, AT 512-974-2278, 72 HOURS PRIOR TO THE SCHEDULED DATE OF THE REQUIRED
- ON-SITE PRECONSTRUCTION MEETING THE ENVIRONMENTAL PROJECT MANAGER. AND/OR SITE SUPERVISOR. AND/OR DESIGNATED RESPONSIBLE PARTY. AND THE GENERAL CONTRACTOR WILL FOLLOW THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) POSTED ON THE SITE.

TEMPORARY EROSION AND SEDIMENTATION CONTROLS WILL BE REVISED, IF NEEDED, TO COMPLY WITH CITY INSPECTORS'

DIRECTIVES, AND REVISED CONSTRUCTION SCHEDULE RELATIVE TO THE WATER QUALITY PLAN REQUIREMENTS AND THE

- CONTRACTOR IS TO EXPOSE ALL TIE-IN POINTS TO VERIFY ELEVATIONS AND NOTIFY ENGINEER OF ANY DIFFERENCES IN
- VERIFY THAT ALL OF THE POSSIBLE UTILITIES HAVE BEEN MARKED BY ONE CALL AND BRING TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES OR POSSIBLE PROBLEMS OBSERVED
- TEMPORARY EROSION AND SEDIMENTATION CONTROLS WILL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE
- STORM WATER POLLUTION PREVENTION PLAN (SWPPP) POSTED ON THE SITE.

PERFORM ANY DEMOLITION OF ANY BU

- CLEAR AND ROUGH GRADE THE SITE
- CHECK ENVIRONMENTAL CONTROLS AND KEEP LOG OF OBSERVATIONS AS REQUIRED IN THE SWP3. TEMPORARY CONTROLS TO BE INSPECTED AND MAINTAINED EVERY WEEK AND PRIOR TO ANTICIPATED RAINFALL EVENTS AND AFTER RAINFALL EVENTS OF 0.5 INCHES OR MORE, IF DISTURBED AREA IS NOT TO BE WORKED FOR MORE

- - -EINISH GRADE THE SITE INCLUDING ADJUSTING AND FINISHING DRAINAGE FEATURES, PONDS, UTILITIES, AND RETAINING

THAN 14 DAYS. DISTURBED AREA NEEDS TO BE STABILIZED BY REVEGETATION. MULCH. TARP OR REVEGETATION MATTING

- COMPLETE CONSTRUCTION AND START REVEGETATION OF THE SITE AND INSTALLATION OF LANDSCAPING, INCLUDING UPON COMPLETION OF THE SITE CONSTRUCTION AND REVEGETATION OF A PROJECT SITE, THE DESIGN ENGINEER SHALL
- IF IN SITY OF AUSTIN, UPON COMPLETION OF LANDSCAPE INSTALLATION OF A PROJECT SITE, THE LANDSCAPE ARCHITECT SHALL SUBMIT A LETTER OF CONCURRENCE TO THE DEVELOPMENT SERVICES DEPARTMENT INDICATING THAT THE REQUIRED LANDSCAPING IS COMPLETE AND IN SUBSTANTIAL CONFORMITY WITH THE APPROVED PLANS, AFTER RECEIVING THIS LETTER, A FINAL

SUBMIT AN ENGINEER'S LETTER OF CONCURRENCE TO THE WATERSHED PROTECTION AND DEVELOPMENT REVIEW

WITH THE APPROVED PLANS. AFTER RECEIVING THIS LETTER, A FINAL INSPECTION WILL BE SCHEDULED BY THE

DEPARTMENT INDICATING THAT CONSTRUCTION, INCLUDING REVEGETATION, IS COMPLETE AND IN SUBSTANTIAL CONFORMITY

AFTER A FINAL INSPECTION HAS BEEN CONDUCTED BY THE CITY INSPECTOR AND WITH APPROVAL FROM THE CITY INSPECTOR. REMOVE THE TEMPORARY EROSION AND SEDIMENTATION CONTROLS AND COMPLETE ANY NECESSARY FINAL REVEGETATION RESULTING FROM REMOVAL OF THE CONTROLS. CONDUCT ANY MAINTENANCE AND

INSPECTION WILL BE SCHEDULED BY THE APPROPRIATE CITY INSPECTOR.

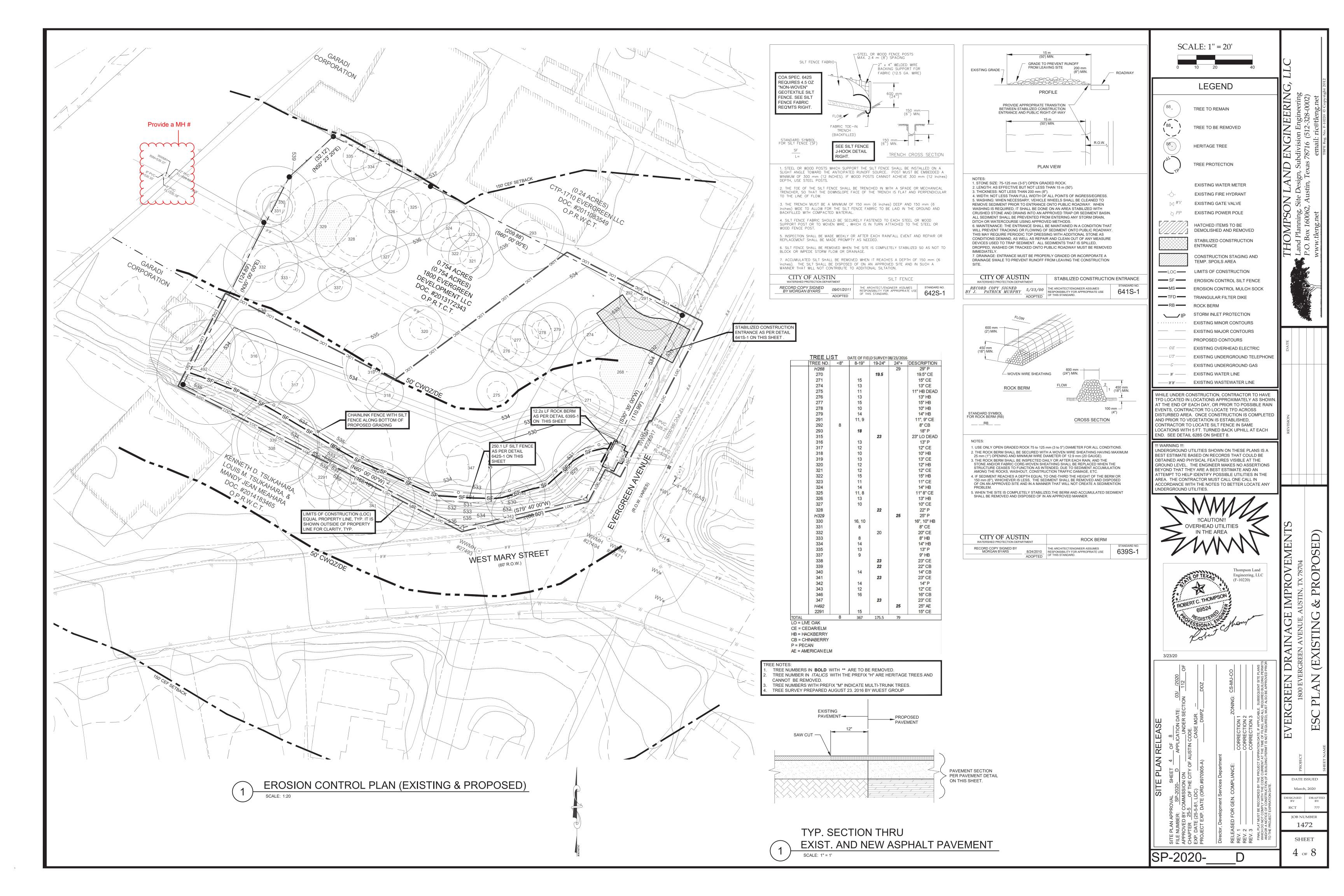
REHABILITATION OF THE WATER QUALITY PONDS OR CONTROLS. 26. IF AN SWPPP WAS REQUIRED, FILE A NOTICE OF TERMINATION (NOT).

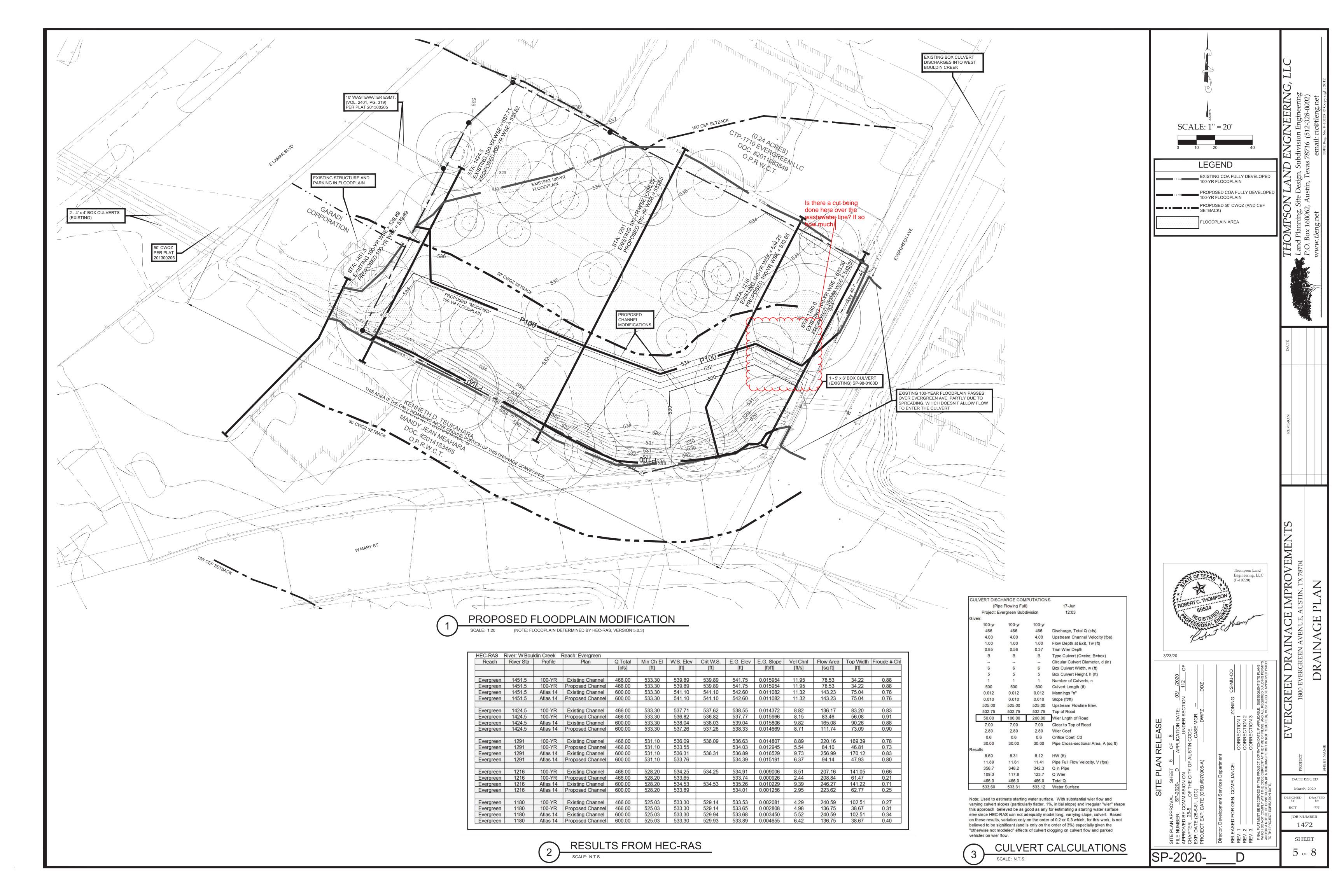
APPROPRIATE CITY INSPECTOR.

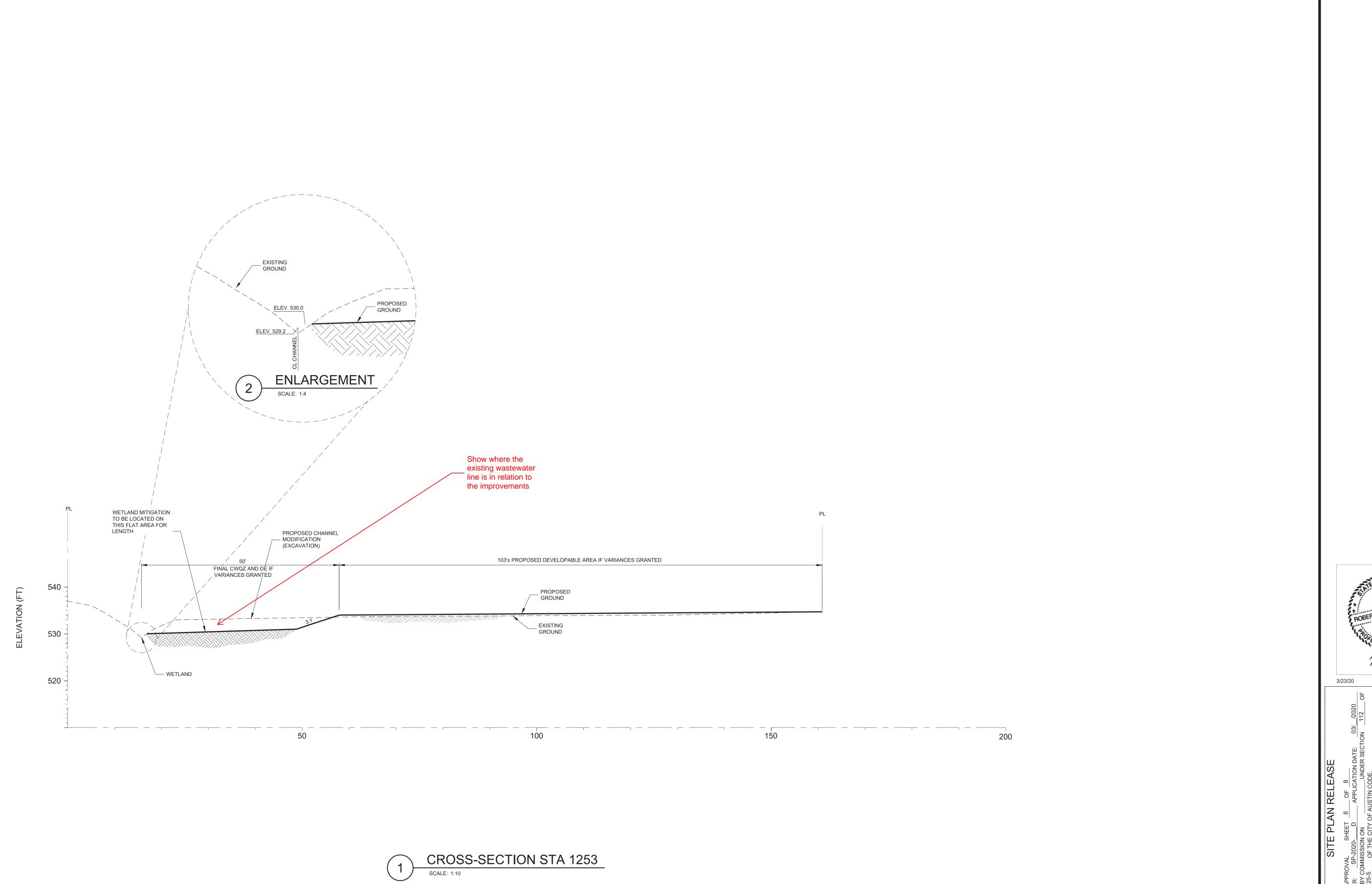
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ZONING: CS-MU-CO

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RECTION 2

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RECTION 3

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RECTION 5

REVISION

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