

STANFORD UNIVERSITY AUXILIARY LIBRARY 1&2 PROJECT #14029

STANFORD, SANTA CLARA COUNTY CALIFORNIA

PROJECT NOTES

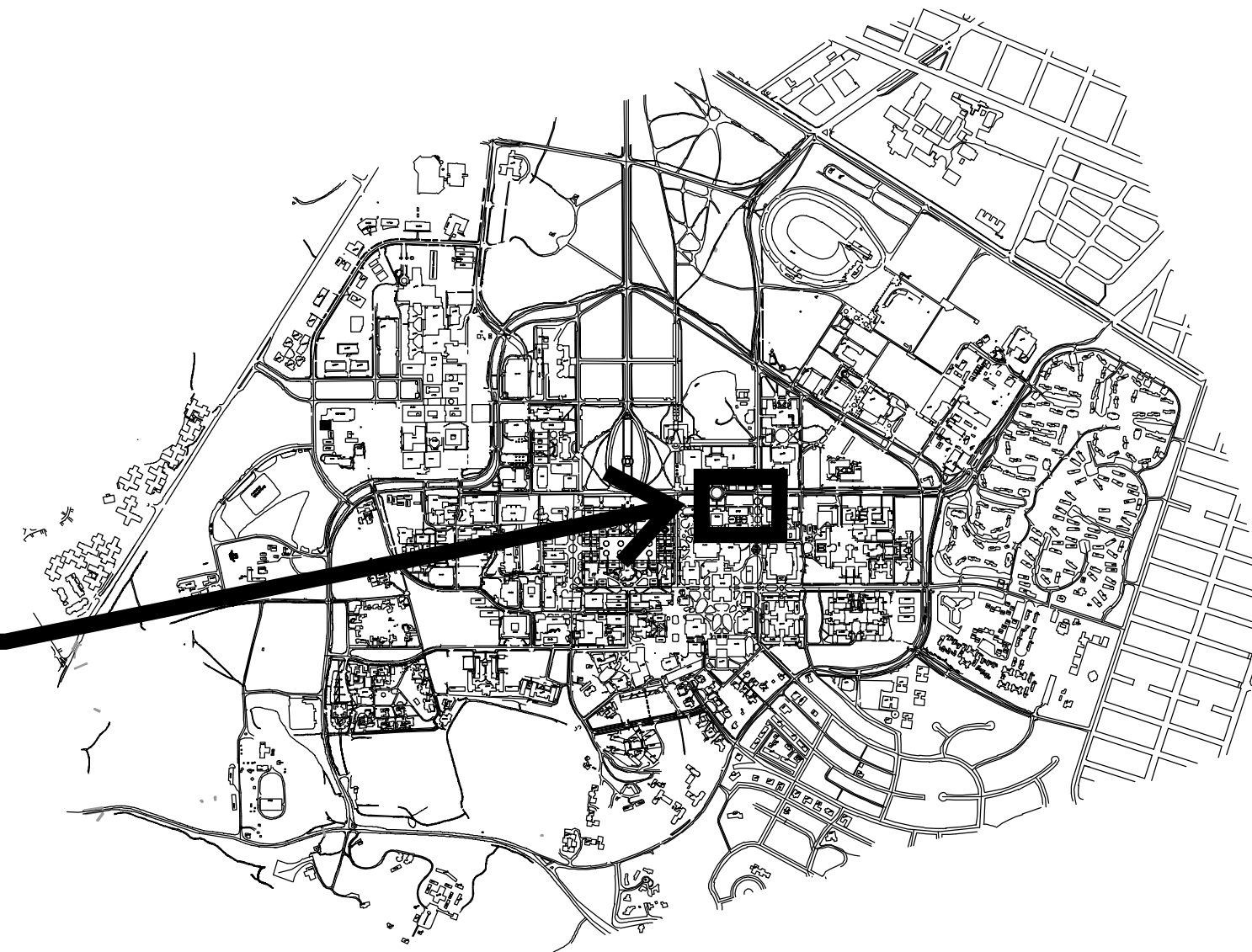
- THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT (BAAQMD) HAS IDENTIFIED A SET OF FEASIBLE PM10 CONTROL MEASURES FOR ALL CONSTRUCTION ACTIVITIES. THESE CONTROL MEASURES, AS PREVIOUSLY REQUIRED IN THE PROGRAM EIR, SHALL BE ADHERED TO DURING ALL CONSTRUCTION ACTIVITIES.
 - WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY;
 - COVER ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS OR REQUIRE ALL TRUCKS TO MAINTAIN AT LEAST TWO FEET OF FREEBOARD;
 - PAVE, APPLY WATER THREE TIMES DAILY, OR APPLY (NON-TOXIC) SOIL STABILIZERS ON ALL UNPAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES;
 - SWEEP DAILY (WITH WATER SWEEPERS) ALL PAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES. THE USE OF DRY POWDER SWEEPING IS PROHIBITED;
 - SWEEP STREETS DAILY (WITH WATER SWEEPERS) IF VISIBLE SOIL MATERIAL IS CARRIED ONTO ADJACENT PUBLIC STREETS. THE USE OF DRY POWDER SWEEPING IS PROHIBITED;
 - HYDROSEED OR APPLY (NON-TOXIC) SOIL STABILIZERS TO INACTIVE CONSTRUCTION AREAS (PREVIOUSLY GRADED AREAS INACTIVE FOR TEN DAYS OR MORE);
 - ENCLOSE, COVER, WATER, TWICE DAILY OR APPLY (NON-TOXIC) SOIL BINDERS TO EXPOSED STOCKPILES (DIRT SAND);
 - LIMIT TRAFFIC SPEEDS ON UNPAVED ROADS TO 15 MPH;
 - INSTALL FIBER ROLLS, SANDBAGS OR OTHER EROSION CONTROL MEASURES TO PREVENT SILT RUNOFF TO PUBLIC ROADWAYS;
 - REPLANT VEGETATION IN DISTURBED AREAS AS QUICKLY AS POSSIBLE;
 - INSTALL WHEEL WASHERS FOR ALL EXISTING TRUCKS, OR WASH OFF TIRES OF TRACKS OF ALL TRUCKS AND EQUIPMENT LEAVING THE SITE; AND
 - SUSPEND ALL EXCAVATION AND GRADING ACTIVITY WHEN WINDS (INSTANTANEOUS GUSTS) EXCEED 25 MPH.
- ALL CONSTRUCTION CONTRACTORS SHALL PROPERLY MAINTAIN THE EQUIPMENT AND WHERE FEASIBLE, USE "CLEAN FUEL" EQUIPMENT AND EMISSIONS CONTROL TECHNOLOGY (E.G., CMG FIRED ENGINES, CATALYTIC CONVERTERS, PARTICULATE TRAPS, ETC.). MEASURES TO REDUCE DIESEL FUEL EMISSION WOULD BE CONSIDERED FEASIBLE WHEN THEY ARE CAPABLE OF BEING USED ON EQUIPMENT WITHOUT INTERFERING SUBSTANTIALLY WITH EQUIPMENT PERFORMANCE.
- STANFORD SHALL MAKE FEASIBLE ATTEMPTS TO LIMIT THE NUMBER OF CONSTRUCTION MATERIAL DELIVERIES FROM 7:00 AM TO 9:00 AM AND FROM 4:00 PM TO 6:00 PM (PEAK HOURS) ON WEEKDAYS. CONSTRUCTION MATERIAL DELIVERY SHALL NOT RESULT IN REDUCTION IN ON-STREET PARKING; REDUCTION IN PEDESTRIAN, BICYCLE AND PUBLIC TRANSIT ACCESS; ADDITIONAL PEAK-HOUR TRAFFIC; USE OF NON-TRUCK ROUTES BY CONSTRUCTION TRAFFIC; DAMAGE TO ROADWAYS; AND INTERFERENCE WITH SPECIAL EVENTS.
- TRUCKS EXPORTING/IMPORTING FILL DIRT AND BUILDING MATERIALS FOR THE PROJECT SHALL USE APPROVED TRUCK ROUTES SHOWN IN THE 2000 GUP, AS DESIGNATED BY THE CITIES OF PALO ALTO AND MENLO PARK.
- THE WATER AND SANITARY UTILITIES SHOWN ON THESE PLANS ARE NOT PART OF THIS GRADING PERMIT AND ARE SHOWN FOR REFERENCE ONLY.
- GRADING WORK BETWEEN OCTOBER 15 AND APRIL 15 IS AT THE DISCRETION OF THE SANTA CLARA COUNTY GRADING OFFICIAL.
- THE OWNER AND PRIME CONTRACTOR ARE RESPONSIBLE FOR MAINTAINING PROJECT SITE ACCESS AND NEIGHBORHOOD ACCESS FOR EMERGENCY VEHICLES AND LOCAL RESIDENTS.
- PRIOR TO GRADING COMPLETION AND RELEASE OF BOND, ALL GRADED AREAS SHALL BE RESEDED IN CONFORMANCE WITH THE COUNTY GRADING ORDINANCE TO MINIMIZE THE VISUAL IMPACTS OF THE GRADED SLOPES AND REDUCE THE POTENTIAL FOR EROSION ON THE SUBJECT SITE.
- EROSION CONTROL PLAN IS A GUIDE AND SHALL BE AMENDED AS NECESSARY TO PREVENT EROSION AND ILLICIT DISCHARGES ON A YEAR ROUND BASIS, DEPENDING ON THE SEASON, WEATHER, AND FIELD CONDITIONS. EROSION CONTROL MEASURES IN ADDITION TO THOSE NOTED IN THE PERMITTED PLANS MAY BE NECESSARY. FAILURE TO INSTALL SITE AND SITUATIONALLY APPROPRIATE EROSION CONTROL MEASURES MAY RESULT IN VIOLATIONS, FINES AND A STOPPAGE OF WORK.
- THE DEVELOPER IS RESPONSIBLE FOR THE INSTALLATION OF THE WORK PROPOSED ON THE EROSION CONTROL PLANS. THE ENGINEER OF RECORD IS RESPONSIBLE FOR THE DESIGN OF THE EROSION CONTROL PLANS AND ANY MODIFICATIONS OF THE EROSION PLANS TO PREVENT ILLICIT DISCHARGES FROM THE SITE DURING CONSTRUCTION.
- THE CONSTRUCTION INSPECTOR MAY VERIFY THAT A VALID NOTICE OF INTENT (NOI) HAS BEEN ISSUED BY THE STATE AND AN UPDATED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS AVAILABLE ON THE SITE.
- IN THE EVENT THAT PREVIOUSLY UNIDENTIFIED HISTORIC OR PREHISTORIC ARCHAEOLOGICAL RESOURCES ARE DISCOVERED DURING BUILDING CONSTRUCTION, THE CONTRACTOR SHALL CEASE WORK IN THE IMMEDIATE AREA AND THE COUNTY PLANNING OFFICE AND CAMPUS ARCHAEOLOGIST SHALL BE CONTACTED. AN INDEPENDENT QUALIFIED ARCHAEOLOGIST RETAINED BY THE COUNTY AT THE EXPENSE OF STANFORD SHALL ASSESS THE SIGNIFICANCE OF THE FIND AND MAKE MITIGATION RECOMMENDATIONS.
- THE CONTRACTOR SHALL FILE FOR AND OBTAIN BUILDING PERMITS FOR ALL STRUCTURES AND BRIDGES TO BE CONSTRUCTED, AND FOR ALL LIGHTING TO BE INSTALLED FOR THE PROJECT.
- THE PROJECT HAS BEEN CONDITIONED TO REQUIRE ALL TRUCK TRAVEL TO USE ONLY APPROVED AREA TRUCK ROUTES, AND ALL TRUCK TRAVEL, EITHER FOR EXCAVATING MATERIALS OR FOR TRANSPORTING CONSTRUCTION MATERIALS TO THE SITE, WOULD USE THESE ROUTES CONSISTENT WITH REQUIREMENTS UNDER THE GUP. FURTHER, THE PROJECT HAS BEEN CONDITIONED TO RESTRICT CONSTRUCTION MATERIAL DELIVERIES TO NON-PEAK HOURS.
- THE PROJECT MAY CREATE TEMPORARY NOISE IMPACTS DUE TO CONSTRUCTION ACTIVITIES AND CONSTRUCTION TRAFFIC. THE CONTRACTOR SHALL SUBMIT A TRAFFIC AND CONSTRUCTION MANAGEMENT PLAN. FURTHER, CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE HOURS OF 7 AM AND 7 PM, MONDAY THROUGH SATURDAY, WITH NO CONSTRUCTION OCCURRING AFTER 7 PM OR ON SUNDAYS.

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

CALIFORNIA COUNCIL OF CIVIL ENGINEERS & LAND SURVEYORS

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

CALIFORNIA COUNCIL OF CIVIL ENGINEERS & LAND SURVEYORS



Proposed Site

CAMPUS VICINITY MAP

SCALE: NTS

UTILITY NOTES

- ALL EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND VERIFY THE ACTUAL LOCATION OF EXISTING UTILITIES PRIOR TO STARTING CONSTRUCTION.
- STANFORD ARBORIST SHALL BE PRESENT FOR ANY EXCAVATION/DEMOLITION WITHIN 10' OF EXISTING TREE DRILINES.
- REPLACE ALL VAULT/BOX COVERS AS NEEDED TO MEET H=20 LOADING IF LOCATION IS SUBJECT TO VEHICULAR TRAFFIC.
- CONTRACTOR SHALL ADJUST TO GRADE, AS NECESSARY ALL EXISTING SURFACE FEATURES SUCH AS UTILITY VALVES, VAULTS AND COVERS WHICH ARE IMPACTED BY THE PROPOSED IMPROVEMENTS.
- STORM AND SEWER VERTICAL ALIGNMENT TO GOVERN IN UTILITY CROSSING CONFLICTS. UTILITY TO CROSS ABOVE IF MINIMUM COVER CAN BE MAINTAINED; OTHERWISE CROSS BELOW AND MAINTAIN 12" MINIMUM VERTICAL SEPARATION BETWEEN UTILITY CROSSINGS.
- REFER TO TRENCH BACKFILL AND RESURFACING FOR ALL UTILITY TRENCHING.
- REPLACE CURB OR CURB AND GUTTER DISTURBED BY UTILITY CONSTRUCTION.
- STORM DRAIN: PVC SDR 35 FOR LINES SMALLER THAN 12". HDPE FOR 12" AND LARGER.

MISCELLANEOUS NOTES

- NOTIFY THE SOILS ENGINEER TWO (2) DAYS PRIOR TO COMMENCEMENT OF ANY GRADING WORK TO COORDINATE THE WORK IN THE FIELD WITH THE CONTRACTOR.
- EXISTING TREES SHALL BE PROTECTED IN PLACE BY FENCING DURING PERIOD OF CONSTRUCTION. TEMPORARY CRIBBING MAY BE NEEDED TO PROTECT SOILS AROUND TREES TO KEEP THEM FROM SLOUGHING AND EXPOSING ROOTS. CONTRACTOR TO GET OWNER APPROVAL TO CUT ROOTS LARGER THAN 3/4" DIAMETER.
- ALL WORK SHALL CONFORM TO STANFORD'S STANDARD DETAILS, SPECIFICATIONS, AND GUIDELINES.

INDEX OF SHEETS

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C0.02	————	CONSTRUCTION NOTES SHEET
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C2.00	————	FRO-SITE DEMOLITION PLAN
C3.00	————	TREE PROTECTION PLAN
C4.00	————	SITE IMPROVEMENT PLAN
C5-5.01	————	SECTIONS
C6-6.02	————	EROSION CONTROL PLAN
C7.00	————	FIRE ACCESS PLAN
C7.10	————	STANFORD FIRE ACCESS ROUTES
C8.00	————	STORMWATER MANAGEMENT PLAN
C9.00	————	CIVIL DETAILS
L0.10	————	DEMOLITION/TREE REMOVAL PLAN

IMPERVIOUS / PERVIOUS SUMMARY

EXISTING AREA

AREA	DESCRIPTION
0.35 ACRES	PERVIOUS
1.56 ACRES	IMPERVIOUS

PROPOSED AREA

ACRE	DESCRIPTION
1.60 ACRES	PERVIOUS
0.31 ACRES	IMPERVIOUS

DECREASE IN IMPERVIOUS AREA

DECREASE = PROPOSED IMPERVIOUS - EXISTING IMPERVIOUS
 = 1.60 - 0.35
 = 1.25 ACRES

TREE SUMMARY

SEE C3.00 TREE PROTECTION PLAN AND L0.10 FOR MORE INFORMATION. REFER TO ARBORIST REPORT BY HORTSCIENCE & BARTLETT CONSULTING DATED MAY 2024 FOR MORE INFORMATION ON EXISTING TREES AND RECOMMENDED TREE PROTECTION MEASURES.

CAW ARCHITECTS

455 LAMBERT AVENUE PALO ALTO, CA 94306
 WWW.CAWARCHITECTS.COM • 650.328.1818 • FAX: 650.328.1888

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STAMP



CONSULTANTS



△ MILESTONE DATE

GRADING PERMIT SUBMITTAL 1/19/2024

GRADING PERMIT RESUBMITTAL #1 6/7/2024

GRADING PERMIT RESUBMITTAL #2 7/19/2024

PROJECT NAME

AUXILIARY LIBRARY 1&2

STANFORD UNIVERSITY LIBRARIES

SITE GRADING APPROVAL

691 & 693 PAMPAS LANE

STANFORD, CA 94305

SHEET TITLE

TITLE SHEET

PROJECT NO. 22024

DRAWN BY NB

CHECKED BY SR

SHEET

C0.01

6/7/2024 7:12:02 AM

COUNTY OF SANTA CLARA
General Construction
Specifications

GENERAL CONDITIONS

- 1. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SOILS AND/OR GEOTECHNICAL REPORT PREPARED BY CONSULTANT... 2. DEVELOPER IS RESPONSIBLE FOR INSTALLATION OF THE IMPROVEMENTS SHOWN ON THESE PLANS... 3. DEVELOPER SHALL BE RESPONSIBLE FOR CORRECTION OF ANY ERRORS OR OMISSIONS... 4. DEVELOPER SHALL OBTAIN ENCROACHMENT PERMITS FROM THE SANTA CLARA VALLEY WATER DISTRICT AND CALIFORNIA DEPARTMENT OF TRANSPORTATION... 5. DEVELOPER SHALL REMOVE OR TRIM ALL TREES TO PROVIDE AN UNSTRUCTURED FIFTEEN (15) FOOT VERTICAL CLEARANCE FOR ROADWAY AREA... 7. DEVELOPER SHALL PROVIDE ADEQUATE DUST CONTROL AS REQUIRED BY THE COUNTY INSPECTOR... 9. UPON DISCOVERY OF UNUSUAL BURIAL SITE AS EVIDENCED BY HUMAN SKELETAL REMAINS OR ARTIFACTS, THE PERSON MAKING SUCH DISCOVERY SHALL IMMEDIATELY NOTIFY THE COUNTY CORONER AT (408) 292-2520 AND LAND DEVELOPMENT ENGINEERING OFFICE AT (408) 299-5730... 11. ANY DEVIATION FROM THESE APPROVED PLANS SHALL BE RE-APPROVED IN WRITING BY THE COUNTY ENGINEER PRIOR TO CONSTRUCTION.

CONSTRUCTION STAKING

- 1. THE DEVELOPER'S ENGINEER IS RESPONSIBLE FOR THE INITIAL PLACEMENT AND REPLACEMENT OF CONSTRUCTION GRADE STAKES. THE STAKES ARE TO BE ADEQUATELY IDENTIFIED, LOCATED, STABILIZED, ETC. FOR THE CONVENIENCE OF CONTRACTORS... 2. ANY PROPERTY LINE STAKES OR ROAD MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY DEVELOPER'S ENGINEER AND LICENSED LAND SURVEYOR... 3. PROPERTY LINE STAKING MUST BE PERFORMED BY THE PROJECT ENGINEER OR LAND SURVEYOR TO ESTABLISH THE PROJECT BOUNDARY AND SHALL BE INSPECTED BY THE COUNTY INSPECTOR PRIOR TO THE BEGINNING OF THE WORK... 4. PROPER CONSTRUCTION STAKES SHALL BE SET IN THE FIELD BY THE PROJECT ENGINEER OR LAND SURVEYOR AND VERIFIED BY THE COUNTY INSPECTOR PRIOR TO THE COMMENCEMENT OF GRADING.

CONSTRUCTION INSPECTION

- 1. CONTRACTOR SHALL NOTIFY PERMIT INSPECTION UNIT, SANTA CLARA COUNTY PRIOR TO COMMENCING WORK AND FOR FINAL INSPECTION OF WORK AND SITE... 2. THE COUNTY REQUIRES A MINIMUM OF 24 HOURS ADVANCE NOTICE FOR GENERAL INSPECTION, 48 HOURS FOR ASPHALT CONCRETE INSPECTION... 3. INSPECTION BY SANTA CLARA COUNTY SHALL BE LIMITED TO INSPECTION OF MATERIALS AND PROCESSES OF CONSTRUCTION TO OBSERVE THEIR COMPLIANCE WITH PLANS & SPECIFICATIONS BUT DOES NOT INCLUDE RESPONSIBILITY FOR THE SUPERINTENDENT OF CONSTRUCTION, SITE CONDITIONS, EQUIPMENT OR PERSONNEL... 4. DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE MUST SUBMIT WRITTEN REQUEST FOR FINAL INSPECTION AND ACCEPTANCE... 5. THE CONTRACTOR SHALL PROVIDE TO THE COUNTY CONSTRUCTION INSPECTOR WITH PAD ELEVATION AND LOCATION CERTIFICATES, PREPARED BY THE PROJECT ENGINEER OR LAND SURVEYOR, PRIOR TO COMMENCEMENT OF THE BUILDING FOUNDATION.

SITE PREPARATION (CLEARING AND GRUBBING)

- 1. EXISTING TREES AUTHORIZED FOR REMOVAL, ROOTS, AND FOREIGN MATERIAL IN AREAS TO BE IMPROVED WILL BE REMOVED TO AN AUTHORIZED DISPOSAL SITE AS FOLLOWS: A) TO A MINIMUM DEPTH OF TWO FEET BELOW THE FINISHED GRADE OF PROPOSED ROADWAYS... B) FROM AREAS AFFECTED BY THE PROPOSED GRADING EXCEPT WHERE NOTED ON THE PLANS... 2. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO MOVE OR RELOCATE UTILITY POLES AND OTHER OBSTRUCTIONS IN THE WAY OF CONSTRUCTION.

UTILITY LOCATION, TRENCHING & BACKFILL

- 1. CONTRACTOR SHALL NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 1-800-277-2600 A MINIMUM OF 24 HOURS BEFORE BEGINNING UNDERGROUND WORK FOR VERIFICATION OF THE LOCATION OF UNDERGROUND UTILITIES... 2. ACCURATE VERIFICATION AS TO SIZE, LOCATION, AND DEPTH OF EXISTING UNDERGROUND CONDUITS OR FACILITIES SHALL BE THE INDIVIDUAL CONTRACTORS RESPONSIBILITY... 3. ALL UNDERGROUND INSTALLATIONS SHALL BE IN PLACE AND THE TRENCH BACKFILLED AND COMPACTED BEFORE PLACING AGGREGATE BASE MATERIAL OR SURFACE STRUCTURES... 4. TRENCH BACKFILL IN EXISTING PAVEMENT AREAS SHALL BE SAND MATERIAL IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE SPECIFICATIONS... 5. TRENCH BACKFILL IN NEW CONSTRUCTION AREAS SHALL BE SAND MATERIAL COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 90%... 6. BACKFILL AND TRENCH RESTORATION REQUIREMENTS SHALL APPLY AS MINIMUM STANDARDS TO ALL UNDERGROUND FACILITIES INSTALLED BY OTHER FIRMS OR PUBLIC AGENCIES.

GRADING

- 1. EXCAVATED MATERIAL SHALL BE PLACED IN THE FILL AREAS DESIGNATED OR SHALL BE HAULED AWAY FROM THE SITE TO A COUNTY APPROVED DISPOSAL SITE... 2. DEVELOPER IS RESPONSIBLE FOR INSTALLATION OF THE IMPROVEMENTS SHOWN ON THESE PLANS... 3. DEVELOPER SHALL BE RESPONSIBLE FOR CORRECTION OF ANY ERRORS OR OMISSIONS... 4. DEVELOPER SHALL OBTAIN ENCROACHMENT PERMITS FROM THE SANTA CLARA VALLEY WATER DISTRICT AND CALIFORNIA DEPARTMENT OF TRANSPORTATION... 5. DEVELOPER SHALL REMOVE OR TRIM ALL TREES TO PROVIDE AN UNSTRUCTURED FIFTEEN (15) FOOT VERTICAL CLEARANCE FOR ROADWAY AREA... 7. DEVELOPER SHALL PROVIDE ADEQUATE DUST CONTROL AS REQUIRED BY THE COUNTY INSPECTOR... 9. UPON DISCOVERY OF UNUSUAL BURIAL SITE AS EVIDENCED BY HUMAN SKELETAL REMAINS OR ARTIFACTS, THE PERSON MAKING SUCH DISCOVERY SHALL IMMEDIATELY NOTIFY THE COUNTY CORONER AT (408) 292-2520 AND LAND DEVELOPMENT ENGINEERING OFFICE AT (408) 299-5730... 11. ANY DEVIATION FROM THESE APPROVED PLANS SHALL BE RE-APPROVED IN WRITING BY THE COUNTY ENGINEER PRIOR TO CONSTRUCTION.

Table with columns: LOCATION, CUT (C.Y.), FILL (C.Y.), VERT. DEPTH, BULKING, ACCESSORY STRUCTURE, HORIZONTAL (SITE), LANDSCAPE, DRIVEWAY, OFF SITE IMPROVEMENTS, TOTAL.

- 7. NOTIFY SOLS ENGINEER TWO (2) DAYS PRIOR TO COMMENCEMENT OF ANY GRADING WORK TO COORDINATE THE WORK IN THE FIELD... 8. ALL MATERIALS FOR FILL SHALL BE APPROVED BY THE SOLS ENGINEER BEFORE IT IS BROUGHT TO THE SITE... 9. THE UPPER 6" OF THE SUBGRADE SOIL SHALL BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95%... 10. ALL AGGREGATE BASE MATERIAL SHALL BE COMPACTED TO A MINIMUM 90% RELATIVE COMPACTION... 11. THE GEOTECHNICAL PLAN REVIEW LETTER MUST BE REVIEWED AND APPROVED BY THE COUNTY GEOLOGIST PRIOR TO FINAL APPROVAL BY THE COUNTY ENGINEER FOR BUILDING OCCUPANCY... 12. THE PROJECT GEOTECHNICAL ENGINEER SHALL PERFORM COMPACTION TESTING AND PRESENT THE RESULTS TO THE COUNTY ENGINEERING INSPECTOR PRIOR TO THE CONSTRUCTION OF ANY PAVED AREA... 13. GRADING WORK SHALL BE COMPLETED ON OR BEFORE APRIL 15TH IS AT THE DISCRETION OF THE SANTA CLARA COUNTY GRADING OFFICIAL... 14. TOTAL DISTURBED AREA FOR THE PROJECT 1.90 ACRES.

TREE PROTECTION

- 1. FOR ALL TREES TO BE RETAINED WITH A CANOPY IN THE DEVELOPMENT AREA OR INTERFACES WITH THE LIMITS OF GRADING FOR ALL PROPOSED DEVELOPMENT ON SITE, THE TREES SHALL BE PROTECTED BY THE PLACEMENT OF RIGID TREE PROTECTIVE FENCING, CONSISTENT WITH THE COUNTY INTEGRATED LANDSCAPE GUIDELINES... A. FENCING SHALL BE PLACED ON THE OUTSIDE EDGE OF THE DRUPLINE OF THE TREE OR GROVE OF TREES... B. THE FENCING SHALL BE MAINTAINED THROUGHOUT THE SITE CONSTRUCTION PERIOD AND SHALL BE INSPECTED PERIODICALLY FOR DAMAGE AND PROPER FUNCTION... C. FENCING SHALL BE REPAIRED, AS NECESSARY, TO PROVIDE A PHYSICAL BARRIER FROM CONSTRUCTION ACTIVITIES... D. SIGNAGE STATING, "WARNING - THIS FENCING SHALL NOT BE REMOVED WITHOUT PERMISSION FROM THE SANTA CLARA COUNTY PLANNING OFFICE (408) 299-5770, COUNTY OF SANTA CLARA TREE PROTECTION MEASURES MAY BE FOUND AT http://www.sccplanning.gov." SHALL BE PLACED ON THE TREE PROTECTIVE FENCING UNTIL FINAL OCCUPANCY... 2. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY, TREE PROTECTIVE FENCING SHALL BE SECURELY IN PLACE AND INSPECTED BY THE LAND DEVELOPMENT ENGINEERING INSPECTOR... 3. SEE EXISTING TREE PROTECTION DETAILS FOR MORE INFORMATION... 4. REFER TO ARBORIST REPORT BY HORTISOURCE & BARTELT CONSULTING DATED MAY 2024 FOR MORE INFORMATION ON EXISTING TREES AND RECOMMENDED TREE PROTECTION MEASURES.

ACCESS ROADS AND DRIVEWAYS

- 1. DRIVEWAY LOCATIONS SHALL BE AS SHOWN ON THE IMPROVEMENT PLANS WITH CENTERLINE STATIONING. THE MINIMUM CONCRETE THICKNESS SHALL BE 6 INCHES THROUGHOUT (WITH A MAXIMUM APPROACH SLOPE OF 1 1/4 INCHES PER FOOT)... 2. ALL DRIVEWAY OR COMMON ACCESS ROAD SECTIONS IN EXCESS OF 15 LONGITUDINAL SLOPE MUST BE PAVED WITH A MINIMUM 2-INCH ASPHALT LIFT OR FULL DEPTH CONCRETE LIFT PRIOR TO ANY COMBUSTIBLE FRAMING... 3. THE OWNER AND PRIME CONTRACTOR ARE RESPONSIBLE FOR MAINTAINING PROJECT SITE ACCESS AND NEIGHBORHOOD ACCESS FOR EMERGENCY VEHICLES AND LOCAL RESIDENTS... 4. ROADWAYS DESIGNATED AS NOT COUNTY MAINTAINED ROADS AS SHOWN ON THE PLAN WILL NOT BE ELIGIBLE FOR COUNTY MAINTENANCE UNTIL THE ROADWAYS ARE IMPROVED (AT NO COST TO THE COUNTY) TO THE PUBLIC MAINTENANCE ROAD STANDARDS APPROVED BY THE BOARD OF SUPERVISORS AND IN EFFECT AT SUCH TIME THAT THE ROADWAYS ARE CONSIDERED FOR ACCEPTANCE INTO THE COUNTY'S ROAD SYSTEM... 5. ALL WORK IN THE COUNTY ROAD RIGHT-OF-WAY REQUIRES AN ENCROACHMENT PERMIT FROM THE ROADS AND AIRPORTS DEPARTMENT... EACH INDIVIDUAL ACTIVITY REQUIRES A SEPARATE PERMIT - I.E. CABLE, ELECTRICAL, GAS, SEWER, WATER, RETAINING WALLS, DRIVEWAY APPROACHES, FENCES, LANDSCAPING, TREE REMOVAL, STORM DRAINAGE IMPROVEMENTS, ETC.

STREET LIGHTING

- 1. PACIFIC GAS & ELECTRIC ELECTROLIER SERVICE FEE SHALL BE PAID BY THE DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE.

AIR QUALITY, LANDSCAPING AND EROSION CONTROL

- 1. WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY... 2. COVER ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS OR REQUIRE ALL TRUCKS TO MAINTAIN AT LEAST TWO FEET OF FREEBOARD... 3. PAVE, APPLY WATER THREE TIMES DAILY, OR APPLY (NON-TOXIC) SOIL STABILIZERS ON ALL UNPAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES... 4. SWEEP DAILY (WITH WATER SWEEPERS) ALL PAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES... 5. SWEEP STREETS DAILY (WITH WATER SWEEPERS) IF VISIBLE SOIL MATERIAL IS HEARD VISIBLY NEAR THE ENTRANCE OF CONSTRUCTION SITE... 6. ALL CONSTRUCTION VEHICLES, EQUIPMENT AND DELIVERY TRUCKS SHALL HAVE A MAXIMUM IDLING TIME OF 5 MINUTES (AS REQUIRED BY THE CALIFORNIA AIRBORNE TOXIC CONTROL MEASURE TITLE 13, SECTION 2485 OF CALIFORNIA CODE OF REGULATIONS (CCR))... 7. ALL VEHICLE SPEEDS ON UNPAVED ROADS SHALL BE LIMITED TO 15 MILES PER HOUR... 8. ALL CONSTRUCTION EQUIPMENT SHALL BE MAINTAINED AND PROPERLY TUNED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS... 9. POST A SIGN THAT IS AT LEAST 32 SQUARE FEET MINIMUM 2 INCHES LETTER HEIGHT... 10. ALL FILL SLOPES SHALL BE COMPACTED AND LEFT IN A SMOOTH AND FIRM CONDITION CAPABLE OF WITHSTANDING WEATHERING... 11. ALL EXPOSED DISTURBED AREAS SHALL BE SEEDED WITH BROME SEED BLEND AT THE RATE OF 5 LB PER 1000 SQUARE FEET... 12. ALL DITCHES SHALL BE LINED PER COUNTY STANDARD SDB... 13. ALL STORM DRAINAGE STRUCTURES SHALL BE INSTALLED WITH EFFECTIVE ENTRANCE & OUTFALL EROSION CONTROLS... 14. PRIOR TO GRADING COMPLETION AND RELEASE OF THE BOND, ALL GRABBED AREAS SHALL BE RESEED IN CONFORMANCE WITH THE COUNTY GRADING ORDINANCE... 15. THE OWNER SHALL PREPARE AND PRESENT A WINTERIZATION REPORT TO THE COUNTY INSPECTOR FOR REVIEW PRIOR TO OCTOBER 15TH OF EVERY YEAR... 16. THE OWNER, CONTRACTOR, AND ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES SHALL INSTALL AND MAINTAIN CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs) ON THE PROJECT SITE AND WITHIN THE SANTA CLARA COUNTY ROAD RIGHT-OF-WAY THROUGHOUT THE DURATION OF THE CONSTRUCTION AND UNTIL THE ESTABLISHMENT OF PERMANENT STABILIZATION AND SEDIMENT CONTROL TO PREVENT THE DISCHARGE OF POLLUTANTS INCLUDING SEDIMENT, CONSTRUCTION MATERIALS, EXCAVATED MATERIALS, AND WASTE INTO THE SANTA CLARA COUNTY RIGHT-OF-WAY, STORM SEWER INFRASTRUCTURE, ROADWAY INFRASTRUCTURE... BMPs SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING: A. PREVENTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIALS AND EQUIPMENT LAYDOWN / STAGING AREAS... B. PREVENTION OF TRACKING OF MUD, DIRT, AND CONSTRUCTION MATERIALS ONTO THE PUBLIC ROAD RIGHT-OF-WAY... C. PREVENTION OF DISCHARGE OF WATER RUN-OFF DURING DRY AND WET WEATHER CONDITIONS ONTO THE PUBLIC ROAD RIGHT-OF-WAY... 18. THE OWNER, CONTRACTOR, AND ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES SHALL ENSURE THAT ALL TEMPORARY CONSTRUCTION FACILITIES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIALS, DELIVERIES, HAZARDOUS AND NON-HAZARDOUS MATERIAL STORAGE, EQUIPMENT, TOOLS, PORTABLE TOILETS, CONCRETE WASHOUT, GARBAGE CONTAINERS, LAYDOWN YARDS, SECONDARY CONTAINMENT AREAS, ETC. ARE LOCATED OUTSIDE THE SANTA CLARA COUNTY ROAD RIGHT-OF-WAY... 19. EROSION CONTROL PLAN IS A GUIDE AND SHALL BE AMENDED AS NECESSARY TO PREVENT EROSION AND ILLICIT DISCHARGES ON A YEAR AROUND BASIS... 20. THE COUNTY SHALL INSPECT UNDERGROUND DRAINAGE IMPROVEMENTS AND STORMWATER MANAGEMENT FEATURES PRIOR TO BACKFILL.

SURVEY MONUMENT PRESERVATION

- 1. THE LANDOWNER / CONTRACTOR MUST PROTECT AND ENSURE THE PERPETUATION OF SURVEY MONUMENTS AFFECTED BY CONSTRUCTION ACTIVITIES... 2. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL LOCATE, STAKE, AND FLAG OR OTHERWISE IDENTIFY WITH PAINT OR OTHER MARKINGS ALL PERMANENT SURVEY MONUMENTS OF RECORD AND ALL UNRECORDED MONUMENTS THAT ARE WITHIN 50 FEET OF THE CONSTRUCTION ACTIVITY... 3. THE LANDOWNER, CONTRACTOR AND/OR ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES THAT WILL OR MAY DISTURB AN EXISTING MONUMENT, CORNER STAKE, OR ANY OTHER PERMANENT SURVEY MONUMENT SHALL CAUSE TO HAVE A LICENSED LAND SURVEYOR OR CIVIL ENGINEER, AUTHORIZED TO PRACTICE SURVEYING, ENSURE THAT A CORNER RECORD AND/OR RECORD OF SURVEY ARE FILED WITH THE COUNTY SURVEYOR'S OFFICE PRIOR TO DISTURBING SAID MONUMENTS AND RESET PERMANENT MONUMENT(S) IN THE SURFACE OF THE NEW CONSTRUCTION OR SET A WITNESS MONUMENT(S) TO PERPETUATE THE LOCATION IF ANY PERMANENT MONUMENT COULD BE DESTROYED, DAMAGED, COVERED, DISTURBED, OR OTHERWISE OBLITERATED... 4. THE OWNER, CONTRACTOR, AND ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES SHALL FILE A CORNER RECORD OR RECORD OF SURVEY WITH COUNTY SURVEYOR PRIOR TO FINAL ACCEPTANCE OF THE PROJECT BY THE LAND DEVELOPMENT ENGINEERING INSPECTOR.

BENCHMARK

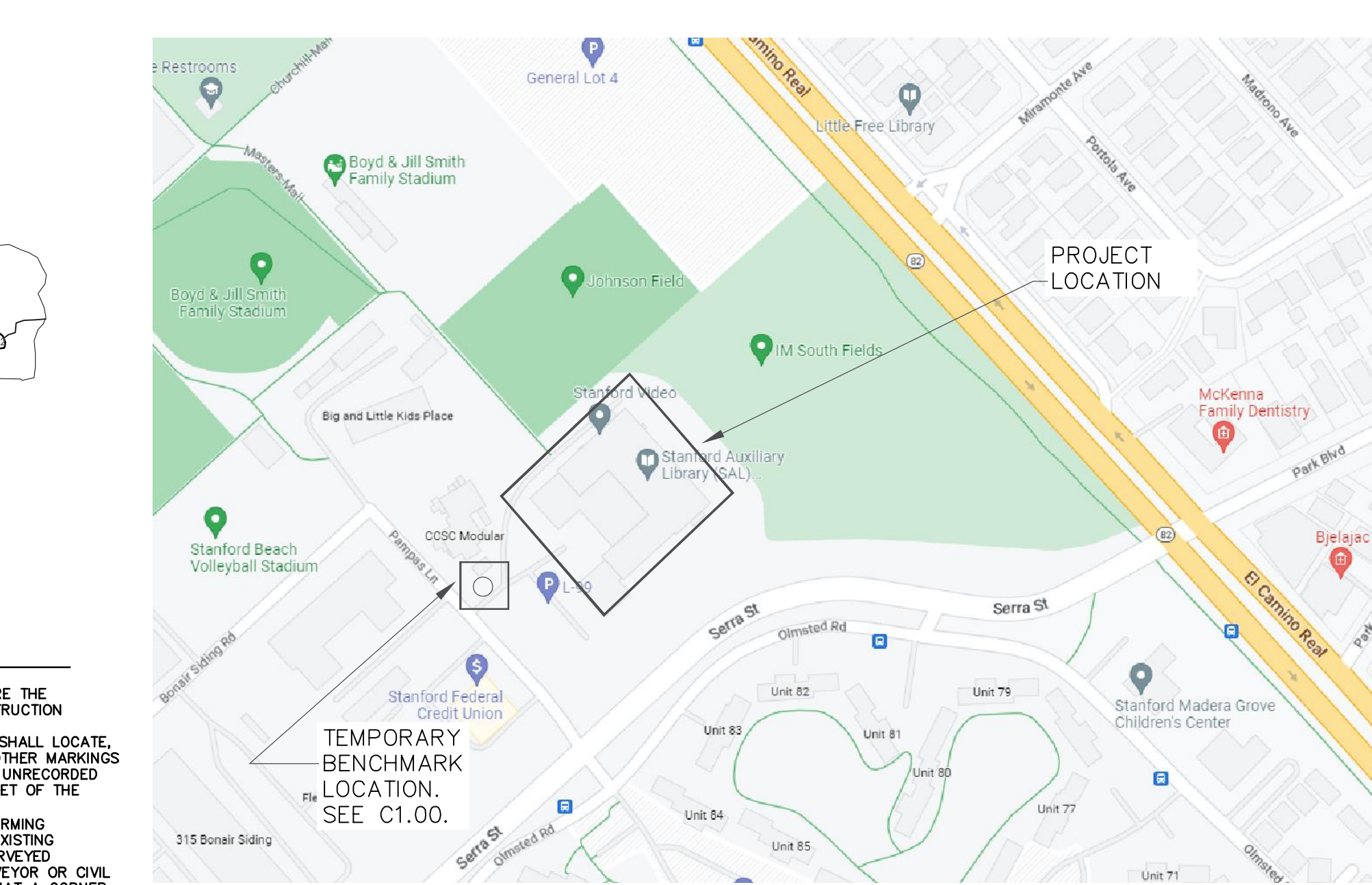
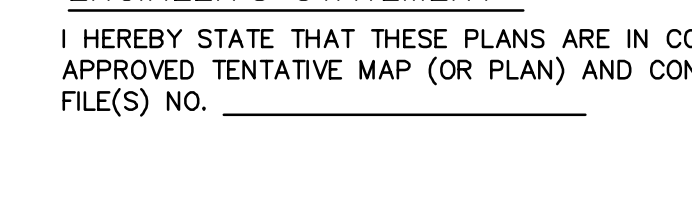
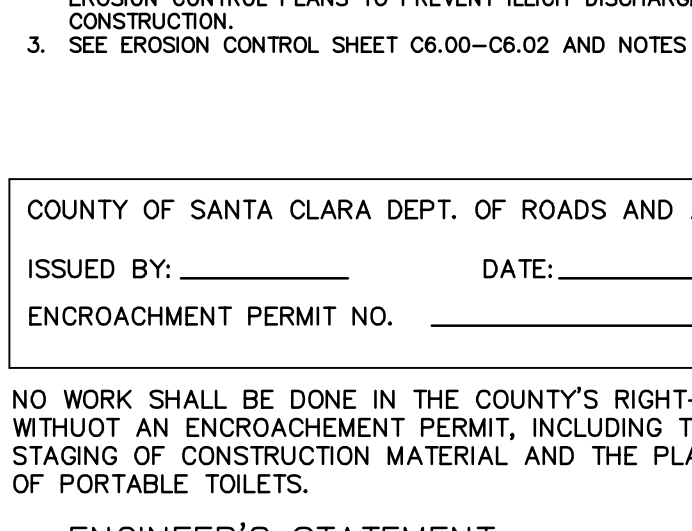
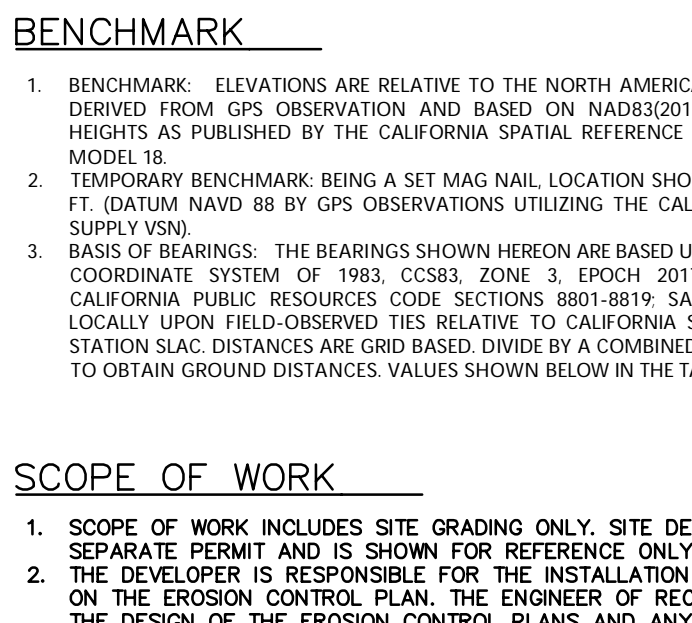
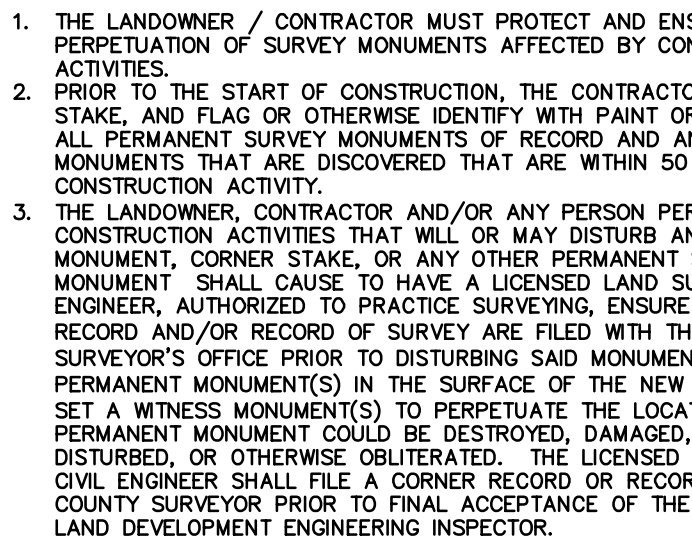
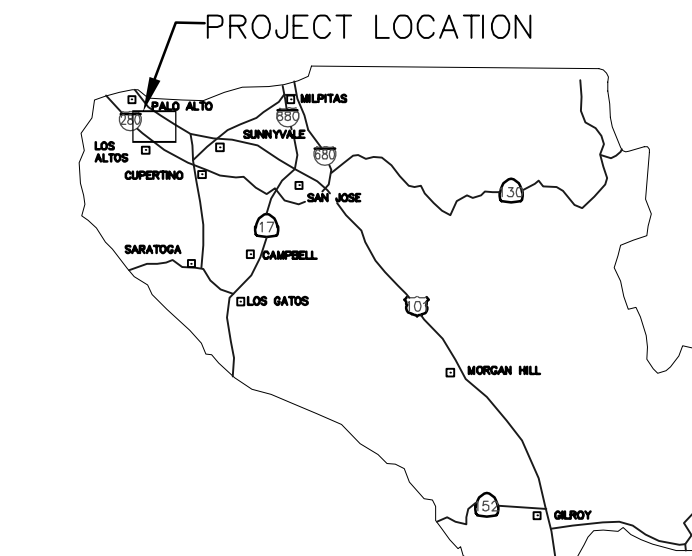
- 1. BENCHMARK: ELEVATIONS ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, DERIVED FROM GPS OBSERVATION AND BASED ON NAD83(2011), EPOCH 2017.50, ELLIPSOID HEIGHTS AS PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER AND THE NGS GEOID MODEL 18... 2. TEMPORARY BENCHMARK BEING A SET MAG NAIL LOCATION SHOWN HEREON, ELEVATION 56.12 FT. (DATUM NAVD 88 BY GPS OBSERVATIONS UTILIZING THE CALIFORNIA SURVEY & DRAFTING SUPPLY VSN)... 3. BASIS OF BEARINGS: THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 3, EPOCH 2017.50, IN ACCORDANCE WITH CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID COORDINATES ARE BASED LOCALLY UPON FIELD-OBSERVED TIES RELATIVE TO CALIFORNIA SPATIAL REFERENCE NETWORK STATION SBC. DISTANCES ARE GRID BASED DIVIDE BY A COMBINED SCALE FACTOR OF 0.99994738 TO OBTAIN GROUND DISTANCES. VALUES SHOWN IN THE TABLE ARE IN ITRF 2014.

STORM DRAINAGE AND STORMWATER MANAGEMENT

- 1. DEVELOPER IS RESPONSIBLE FOR ALL NECESSARY DRAINAGE FACILITIES WHETHER SHOWN ON THE PLANS OR NOT AND HE OR HIS SUCCESSOR PROPERTY OWNERS ARE RESPONSIBLE FOR THE ADEQUACY AND CONTINUED MAINTENANCE OF THESE FACILITIES IN A MANNER WHICH WILL PRECLUDE ANY HAZARD TO LIFE, HEALTH, OR DAMAGE TO ADJOINING PROPERTY... 2. DROP INLETS SHALL BE COUNTY STANDARD TYPE 5 UNLESS OTHERWISE NOTED ON THE PLANS... 3. WHERE CULVERTS ARE INSTALLED THE DEVELOPER SHALL BE RESPONSIBLE FOR GRADING THE OUTLET DITCH TO DRAIN TO AN EXISTING SWALE OR TO AN OPEN AREA FOR SHEET FLOW... 4. UPON INSTALLATION OF DRIVEWAY CONNECTIONS, PROPERTY OWNERS SHALL PROVIDE FOR THE UNINTERRUPTED FLOW OF WATER IN ROADSIDE DITCHES... 5. THE COUNTY SHALL INSPECT UNDERGROUND DRAINAGE IMPROVEMENTS AND STORMWATER MANAGEMENT FEATURES PRIOR TO BACKFILL.

GEOTECHNICAL ENGINEER OBSERVATION

- 1. A CONSTRUCTION OBSERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL ENGINEER AND ENGINEERING GEOLOGIST DETAILING CONSTRUCTION OBSERVATIONS AND CERTIFYING THAT THE WORK WAS DONE IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL AND GEOLOGIC REPORTS SHALL BE SUBMITTED PRIOR TO THE GRADING COMPLETION AND RELEASE OF THE BOND.



COUNTY OF SANTA CLARA DEPT. OF ROADS AND AIRPORTS
ISSUED BY: _____ DATE: _____
ENCROACHMENT PERMIT NO. _____

COUNTY OF SANTA CLARA
LAND DEVELOPMENT ENGINEERING & SURVEYING
GRADING / DRAINAGE PERMIT NO. _____
ISSUED BY: _____ DATE: _____

NO WORK SHALL BE DONE IN THE COUNTY'S RIGHT-OF-WAY WITHOUT AN ENCROACHMENT PERMIT, INCLUDING THE STAGING OF CONSTRUCTION MATERIAL AND THE PLACEMENT OF PORTABLE TOILETS.

ENGINEER'S STATEMENT
I HEREBY STATE THAT THESE PLANS ARE IN COMPLIANCE WITH ADOPTED COUNTY STANDARDS, THE APPROVED TENTATIVE MAP (OR PLAN) AND CONDITIONS OF APPROVAL PERTAINING THERETO DATED (FEE'S) NO. _____ DATE 1/25/2024.

COUNTY ENGINEER'S NOTE
ISSUANCE OF A PERMIT AUTHORIZING CONSTRUCTION DOES NOT RELEASE THE DEVELOPER, PERMITEE OF ENGINEER FROM RESPONSIBILITY FOR THE CORRECTION OF ERRORS OR OMISSIONS CONTAINED IN THE PLANS. IF, DURING THE COURSE OF CONSTRUCTION, THE PUBLIC INTEREST REQUIRES A MODIFICATION OF (OR DEPARTURE FROM) THE SPECIFICATIONS OF THE PLANS, THE COUNTY SHALL HAVE THE AUTHORITY TO REQUIRE THE SUSPENSION OF WORK, AND THE NECESSARY MODIFICATION OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH THE SAME IS TO BE MADE.

DATE _____ DARRELL K.H. WONG
R.C.E. NO. _____ EXPIRATION DATE _____



Table with columns: Code, Title, Description. Includes rows for Title Sheet, Construction Notes Sheet, Existing Conditions, etc.

ENGINEER'S NAME: BKF ENGINEERS
ADDRESS: 4670 WILLOW ROAD SUITE 250 PLEASANTON, CA 94588
PHONE NO. 925-396-7700
FAX NO. 925-396-7799

Table with columns: PC COMMENTS, Date, APN, Sheet of. Includes rows for Revision 2 and Revision 3.



455 LAMBERT AVENUE PALO ALTO, CA 94306
WWW.CAWARCHITECTS.COM • 650.328.1818 • FAX: 650.328.1888



CONSULTANTS
BKF 7901 Stoneridge Drive, SUITE 360 PLEASANTON, CA 94588 (925) 396-7700 www.bkf.com

MILESTONE DATE

GRADING PERMIT SUBMITTAL 1/19/2024

GRADING PERMIT RESUBMITTAL #1 6/7/2024

GRADING PERMIT RESUBMITTAL #2 7/19/2024

PROJECT NAME

AUXILIARY LIBRARY 1&2

STANFORD UNIVERSITY LIBRARIES

SITE GRADING APPROVAL

691 & 693 PAMPAS LANE

STANFORD, CA 94305

SHEET TITLE

CONSTRUCTION NOTES

SHEET

PROJECT NO. 22024

DRAWN BY NB

CHECKED BY SR

SHEET

CO.02

APPLICANT: STANFORD UNIVERSITY

ROAD: PAMPAS LANE

COUNTY FILE NO.: DEVXX-XXXX

6/7/2024 7:12:02 AM

STAMP

CONSULTANTS

BKF 7901 Stoneridge Drive, SUITE 360 PLEASANTON, CA 94588 (925) 396-7700 www.bkf.com

MILESTONE DATE

GRADING PERMIT SUBMITTAL 1/19/2024

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SHEET TITLE

EXISTING CONDITIONS

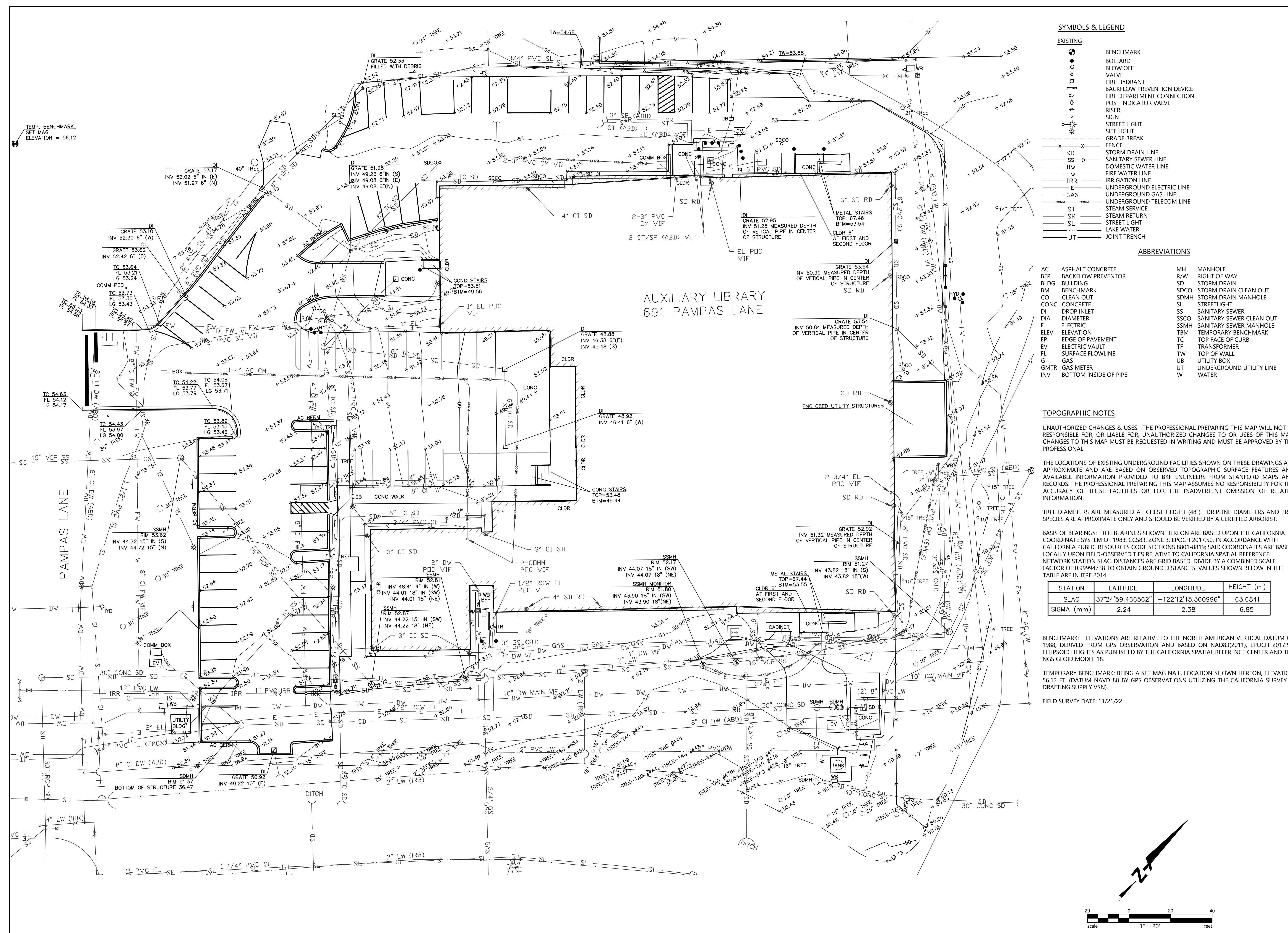
PROJECT NO. 22024

DRAWN BY NB

CHECKED BY SR

SHEET

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- SYMBOLS & LEGEND**
- EXISTING**
- BENCHMARK
 - BOLLARD
 - BLOW OFF
 - VALVE
 - FIRE HYDRANT
 - BACKFLOW PREVENTION DEVICE
 - FIRE DEPARTMENT CONNECTION
 - POST INDICATOR VALVE
 - RISER
 - SIGN
 - STREET LIGHT
 - SITE LIGHT
 - GRADE BREAK
 - FENCE
 - SD STORM DRAIN LINE
 - SS SANITARY SEWER LINE
 - DW DOMESTIC WATER LINE
 - FW FIRE WATER LINE
 - IRR IRRIGATION LINE
 - UEL UNDERGROUND ELECTRIC LINE
 - GAS UNDERGROUND GAS LINE
 - COM-TEL UNDERGROUND TELECOM LINE
 - ST STEAM SERVICE
 - SR STEAM RETURN
 - SL STREET LIGHT
 - LW LAKE WATER
 - JT JOINT TRENCH

- ABBREVIATIONS**
- AC ASPHALT CONCRETE
 - BFP BACKFLOW PREVENTOR
 - BLDG BUILDING
 - BM BENCHMARK
 - CO CLEAN OUT
 - CONC CONCRETE
 - DI DROP INLET
 - DIA DIAMETER
 - E ELECTRIC
 - ELEV ELEVATION
 - EP EDGE OF PAVEMENT
 - EV ELECTRIC VAULT
 - FL SURFACE FLOWLINE
 - G GAS
 - GMTR GAS METER
 - INV BOTTOM INSIDE OF PIPE
 - MH MANHOLE
 - R/W RIGHT OF WAY
 - SD STORM DRAIN
 - SDCO STORM DRAIN CLEAN OUT
 - SDMH STORM DRAIN MANHOLE
 - SL STREETLIGHT
 - SS SANITARY SEWER
 - SSCO SANITARY SEWER CLEAN OUT
 - SSMH SANITARY SEWER MANHOLE
 - TBM TEMPORARY BENCHMARK
 - TC TOP FACE OF CURB
 - TF TRANSFORMER
 - TW TOP OF WALL
 - UB UTILITY BOX
 - UT UNDERGROUND UTILITY LINE
 - W WATER

TOPOGRAPHIC NOTES

UNAUTHORIZED CHANGES & USES: THE PROFESSIONAL PREPARING THIS MAP WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THIS MAP. CHANGES TO THIS MAP MUST BE REQUESTED IN WRITING AND MUST BE APPROVED BY THE PROFESSIONAL.

THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND ARE BASED ON OBSERVED TOPOGRAPHIC SURFACE FEATURES AND AVAILABLE INFORMATION PROVIDED TO BKF ENGINEERS FROM STANFORD MAPS AND RECORDS. THE PROFESSIONAL PREPARING THIS MAP ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THESE FACILITIES OR FOR THE INADVERTENT OMISSION OF RELATED INFORMATION.

TREE DIAMETERS ARE MEASURED AT CHEST HEIGHT (48"). DRIFLINE DIAMETERS AND TREE SPECIES ARE APPROXIMATE ONLY AND SHOULD BE VERIFIED BY A CERTIFIED ARBORIST.

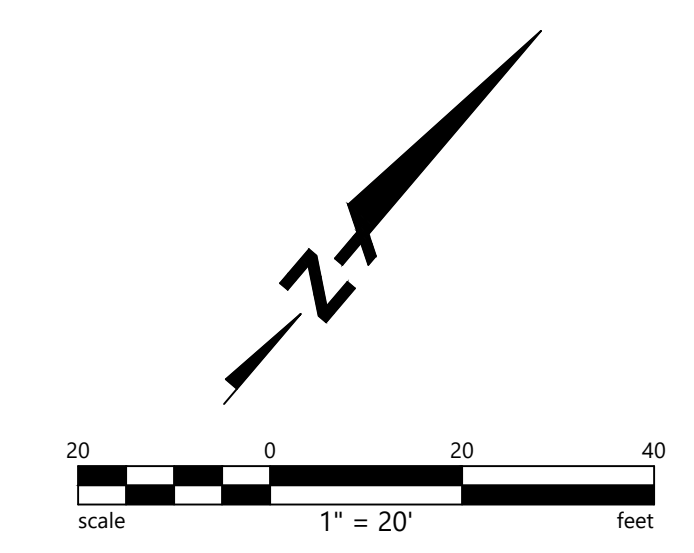
BASIS OF BEARINGS: THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 3, EPOCH 2017.50, IN ACCORDANCE WITH CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID COORDINATES ARE BASED LOCALLY UPON FIELD-OBSERVED TIES RELATIVE TO CALIFORNIA SPATIAL REFERENCE NETWORK STATION SLAC. DISTANCES ARE GRID BASED. DIVIDE BY A COMBINED SCALE FACTOR OF 0.99994738 TO OBTAIN GROUND DISTANCES. VALUES SHOWN BELOW IN THE TABLE ARE IN ITRF 2014.

STATION	LATITUDE	LONGITUDE	HEIGHT (m)
SLAC	37°24'59.466562"	-122°12'15.360996"	63.6841
SIGMA (mm)	2.24	2.38	6.85

BENCHMARK: ELEVATIONS ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, DERIVED FROM GPS OBSERVATION AND BASED ON NAD83(2011), EPOCH 2017.50, ELLIPSOID HEIGHTS AS PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER AND THE NGS GEOID MODEL 18.

TEMPORARY BENCHMARK: BEING A SET MAG NAIL, LOCATION SHOWN HEREON, ELEVATION 56.12 FT. (DATUM NAVD 88 BY GPS OBSERVATIONS UTILIZING THE CALIFORNIA SURVEY & DRAFTING SUPPLY VSN).

FIELD SURVEY DATE: 11/21/22



DEMOLITION NOTES

- EXISTING UTILITIES SHOWN ARE BASED ON RECORD INFORMATION PROVIDED BY STANFORD UNIVERSITY. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO STARTING CONSTRUCTION.
- IRRIGATION PIPING, STRUCTURES AND/OR EQUIPMENT THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN KIND.
- SITE DEMOLITION LIMITS DO NOT INCLUDE ALL UTILITY TRENCHING AND PATCHING. SEE SITE UTILITY PLAN FOR LIMITS OF UTILITY WORK.
- ALL UTILITY STRUCTURES THAT ARE NOT IDENTIFIED FOR REMOVAL SHALL REMAIN AND BE PROTECTED.
- ALL TREES THAT ARE NOT IDENTIFIED FOR REMOVAL SHALL REMAIN AND BE PROTECTED. SEE SHEET C3.00 FOR PROPOSED TREE PROTECTION.
- ABANDONED UTILITIES SHALL BE CUT OFF AND CAPPED OR PLUGGED WITH MORTAR.
- OVEREXCAVATE WITHIN BUILDING FOOTPRINT TO REMOVE UNDOCUMENTED FILLS PER STANFORD UNIVERSITY DIRECTION BASED ON "MITIGATION OF UNDOCUMENTED FILLS" SECTION OF GEOTECHNICAL REPORT PREPARED BY CORNERSTONE EARTH GROUP ON 12/21/2022.
- ALL EXISTING PARKING AREAS ARE TO REMAIN IN PLACE UNLESS EXPLICITLY IDENTIFIED FOR REMOVAL.

LEGEND

- CONSTRUCTION FENCELINE
- SAWCUT LINE
- BUILDING LINE
- EXISTING UTILITY LINE TO BE REMOVED
- LANDSCAPING TO BE CLEARED AND GRUBBED
- PAVING TO BE REMOVED
- BUILDING AND FOUNDATION TO BE REMOVED. SEE ARCHITECTURAL DEMOLITION PLAN FOR MORE INFORMATION.
- REMOVE EXISTING AC BERM / CONCRETE CURB

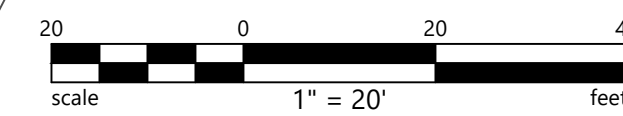
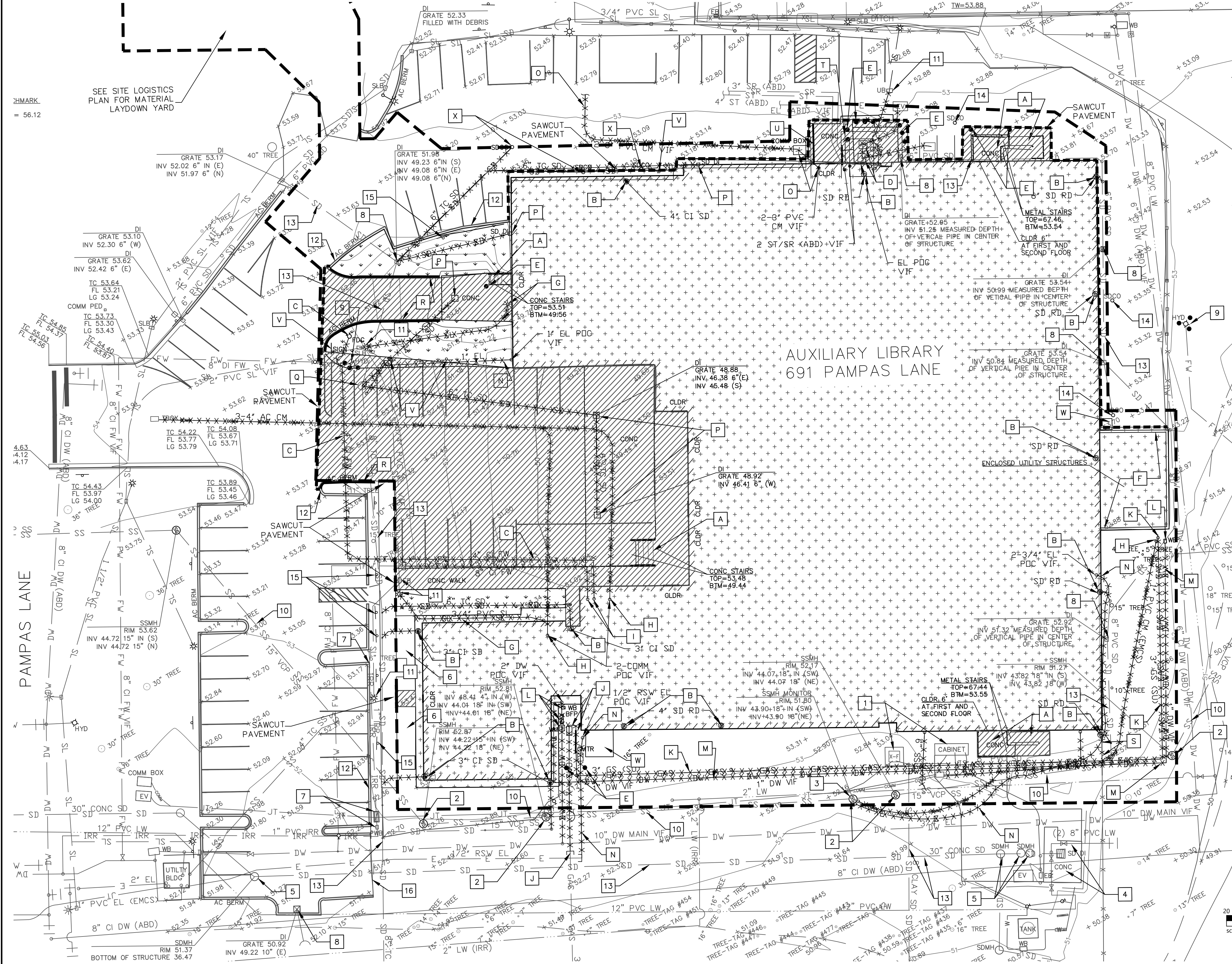
DEMOLITION SYMBOLS

- EXISTING FACILITIES TO BE REMOVED**
- A** REMOVE EXISTING EXTERIOR STAIRCASE AND FOUNDATION.
 - B** REMOVE EXISTING ROOF LEADER.
 - C** REMOVE EXISTING FIRE DEPARTMENT CONNECTION. REMOVE 4" FIRE WATER LATERAL BACK TO THE BUILDING.
 - D** REMOVE EXISTING TRANSFORMER, CONCRETE PAD, SWITCHGEAR, AND ASSOCIATED EQUIPMENT. SU HIGH VOLTAGE TO CONFIRM IF ELECTRICAL SERVICE IS TO BE REMOVED OR ABANDONED IN PLACE.
 - E** REMOVE EXISTING BOLLARDS (TYP).
 - F** EXISTING UTILITY EQUIPMENT WITHIN UTILITY YARD TO BE REMOVED. CONFIRM WITH SU WHICH EQUIPMENT IS TO BE DEMOLISHED OR SALVAGED.

- G** REMOVE EXISTING STREET LIGHT POLE AND/OR CONDUIT.
- H** REMOVE EXISTING COMMUNICATIONS SERVICE TO THE BUILDING.
- I** REMOVE EXISTING FIRE WATER SERVICE TO THE BUILDING.
- J** EXISTING GAS MAIN AND METER TO BE CAPPED AND REMOVED BY PG&E. CONTRACTOR TO VERIFY THE EXISTING GAS LINE IS INACTIVE PRIOR TO DEMOLITION. SEE PG&E APPLICATION #125668902 FOR COORDINATION OF SERVICE REMOVAL.
- K** REMOVE EXISTING 3" GAS LATERAL SERVING THE EXISTING BUILDING. VERIFY THAT PG&E HAS REMOVED THE EXISTING GAS MAIN AND METER PRIOR TO DEMOLITION OF THE GAS LATERAL.
- L** REMOVE EXISTING WATER METER, BACKFLOW PREVENTOR, AND/OR WATER VALVES.
- M** REMOVE EXISTING DOMESTIC WATER SERVICE TO THE BUILDING.
- N** REMOVE EXISTING ELECTRICAL SERVICE FROM THE BUILDING.
- O** REMOVE FIBER & COPPER FROM BUILDING TO VAULT 13. INCLUDE DEMO OF VAULT 12. VAULT 13 TO REMAIN. CAP CONDUIT AT VAULT 13.
- P** REMOVE EXISTING INLET.
- Q** REMOVE EXISTING STORM DRAIN LIFT STATION. REMOVE 1" ELECTRICAL SERVICE TO LIFT STATION AND ALL STORM PIPING ENTERING THE MANHOLE. MANHOLE TO REMAIN, ADJUST TO GRADE.
- R** REMOVE EXISTING AC BERM.
- S** REMOVE EXISTING CORE-10 FENCING TO NEAREST FENCE POST.
- T** REMOVE EXISTING FENCING AROUND TRANSFORMER YARD.
- U** REMOVE EXISTING CONCRETE CURB.
- V** REMOVE EXISTING SIGN AND FOUNDATION.
- W** REMOVE EXISTING A/C UNIT AND CONCRETE PAD.
- X** REMOVE EXISTING CLEANOUT.

DEMOLITION SYMBOLS

- EXISTING FACILITIES TO REMAIN**
- 1** EXISTING TRANSFORMER AND ELECTRICAL CABINET TO REMAIN. PROTECT IN PLACE.
 - 2** EXISTING SANITARY SEWER MANHOLE TO REMAIN. PROTECT IN PLACE.
 - 3** EXISTING SANITARY SEWER MANHOLE MONITORING STATION TO REMAIN. MAINTAIN ELECTRICAL AND COMMUNICATIONS CONNECTION THROUGHOUT THE CONSTRUCTION PROCESS.
 - 4** EXISTING PUMP STATION AND ASSOCIATED EQUIPMENT TO REMAIN. PROTECT IN PLACE.
 - 5** EXISTING STORM DRAIN MANHOLE TO REMAIN. PROTECT IN PLACE.
 - 6** EXISTING LANDSCAPE TO REMAIN. PROTECT IN PLACE.
 - 7** EXISTING IRRIGATION EQUIPMENT AND PIPING TO REMAIN (TYP). PROTECT IN PLACE.
 - 8** EXISTING AREA DRAIN TO REMAIN. PROTECT IN PLACE. ADJUST TO FINISHED GRADE.
 - 9** EXISTING FIRE HYDRANT TO REMAIN. PROTECT IN PLACE.
 - 10** EXISTING 15" RCP SANITARY SEWER LINE TO REMAIN. PROTECT IN PLACE.
 - 11** EXISTING STREET LIGHT POLE, PULL BOX, AND WIRING TO REMAIN (TYP). PROTECT IN PLACE.
 - 12** EXISTING AC BERM TO REMAIN. PROTECT IN PLACE.
 - 13** EXISTING STORM DRAIN PIPE TO REMAIN. PROTECT IN PLACE.
 - 14** EXISTING CLEANOUT TO REMAIN. PROTECT IN PLACE.
 - 15** EXISTING SIGN TO REMAIN. PROTECT IN PLACE (TYP). REPLACE IN KIND AS NECESSARY TO FACILITATE CONSTRUCTION.
 - 16** EXISTING DRIVEWAY TO REMAIN. MAINTAIN VEHICULAR ACCESS TO PUMP STATION.



455 LAMBERT AVENUE PALO ALTO, CA 94306
WWW.CAWARCHITECTS.COM • 650.328.1818 • FAX: 650.328.1888



CONSULTANTS
BKF 7901 Stoneridge Drive, Suite 360, Pleasanton, CA 94588
(925) 396-7700 www.bkf.com

MILESTONE	DATE
GRADING PERMIT SUBMITTAL	1/19/2024
GRADING PERMIT RESUBMITTAL #1	6/7/2024
GRADING PERMIT RESUBMITTAL #2	7/19/2024

PROJECT NAME
AUXILIARY LIBRARY 1&2
STANFORD UNIVERSITY LIBRARIES
SITE GRADING APPROVAL
691 & 693 PAMPAS LANE
STANFORD, CA 94305

SHEET TITLE
SITE DEMOLITION PLAN

PROJECT NO. 22024
DRAWN BY NB
CHECKED BY SR

SHEET
C2.00

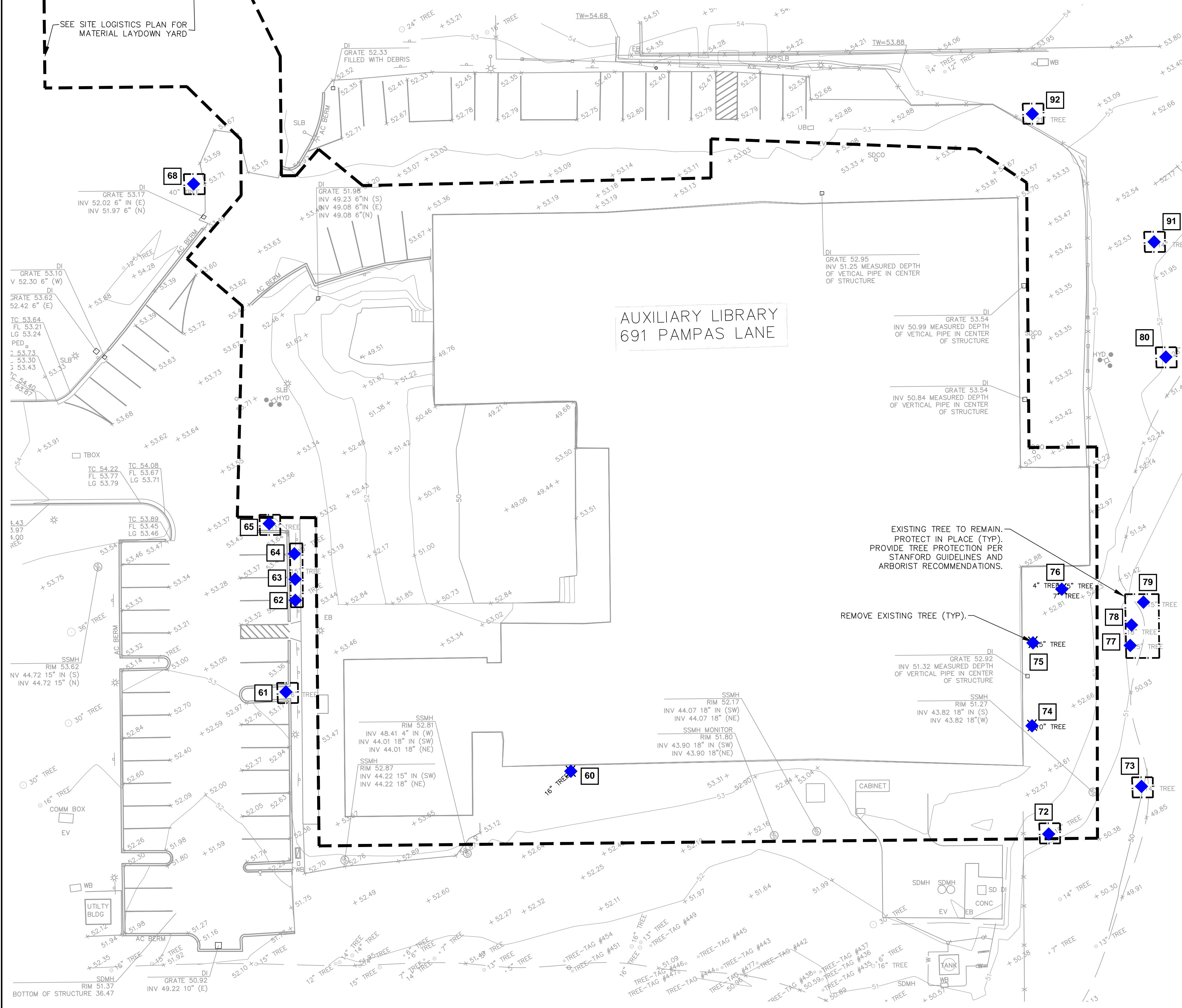
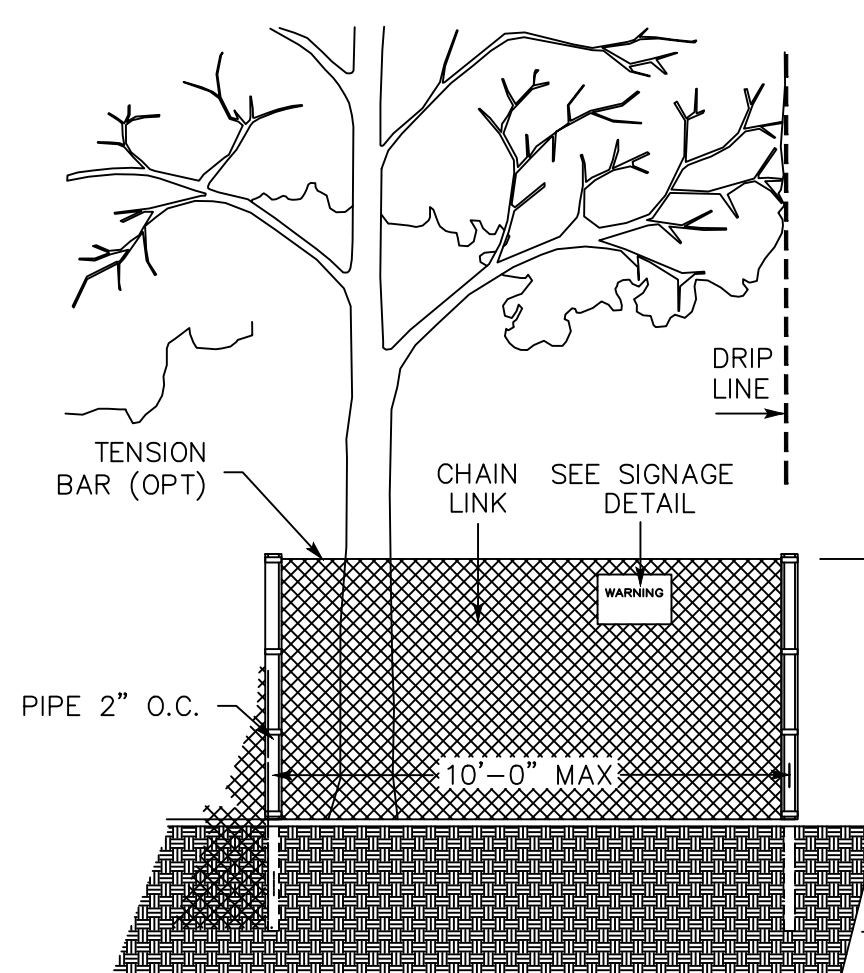
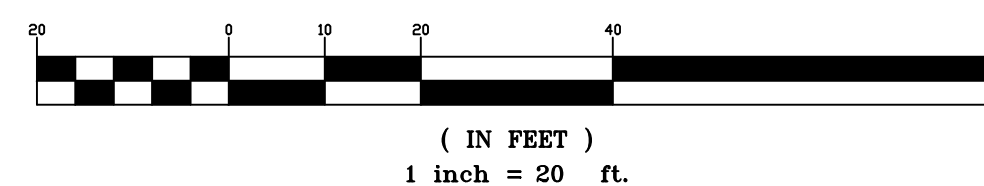
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- LEGEND**
- CONSTRUCTION FENCELINE
 - TREE PROTECTION FENCING (NOT SHOWN TO SCALE. SEE DETAIL BELOW)
 - ✕ REMOVE EXISTING TREE
 - EXISTING TREE

TREE PROTECTION NOTES

1. PRIOR TO THE COMMENCEMENT OF ANY GRADING, TREE PROTECTIVE FENCING SHALL BE IN PLACE IN ACCORDANCE WITH THE TREE PRESERVATION PLAN AND INSPECTED BY A CERTIFIED ARBORIST. THE ARBORIST SHALL MONITOR CONSTRUCTION ACTIVITY TO ENSURE THAT THE TREE PROTECTION MEASURES ARE IMPLEMENTED AND ADHERED TO DURING CONSTRUCTION. THIS CONDITION SHALL BE INCORPORATED INTO THE GRADING PLANS.
2. FENCE SHALL BE MINIMUM 5 FEET TALL CONSTRUCTED OF STURDY MATERIAL (CHAIN-LINK OR EQUIVALENT STRENGTH/DURABILITY).
3. FENCE SHALL BE SUPPORTED BY VERTICAL POSTS DRIVEN 2 FEET (MIN) INTO THE GROUND AND SPACED NOT MORE THAN 10 FEET APART.
4. TREE FENCING SHALL BE MAINTAINED THROUGHOUT THE SITE DURING THE CONSTRUCTION PERIOD, INSPECTED PERIODICALLY FOR DAMAGE AND PROPER FUNCTION, REPAIRED AS NECESSARY TO PROVIDE A PHYSICAL BARRIER FROM CONSTRUCTION ACTIVITIES, AND REMAIN IN PLACE UNTIL THE FINAL INSPECTION.
5. A SIGN THAT INCLUDES THE WORDS, "WARNING: THIS FENCE SHALL NOT BE REMOVED WITHOUT THE EXPRESSED PERMISSION OF THE SANTA CLARA COUNTY PLANNING OFFICE," SHALL BE SECURELY ATTACHED TO THE FENCE IN A VISUALLY PROMINENT LOCATION.
6. REFER TO ARBORIST REPORT BY HORTSCIENCE & BARTLETT CONSULTING DATED MAY 2024 FOR MORE INFORMATION ON EXISTING TREES AND RECOMMENDED TREE PROTECTION MEASURES.

GRAPHIC SCALE

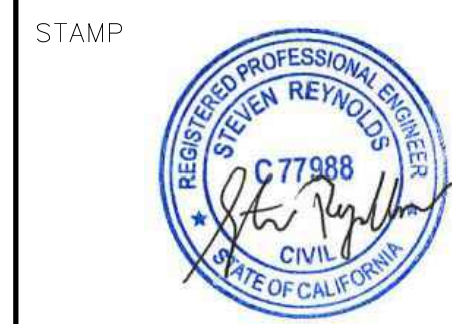


STANFORD UNIVERSITY TREE AND SHRUB PROTECTION GUIDELINES

1. WE HAVE STRICT REQUIREMENTS WHICH INCLUDE THE POINTS LISTED BELOW AND ADDITIONAL PROCEDURES AS DETAILED IN THE FDG SPECIFICATIONS GUIDELINE 01 56 39 TREE AND SHRUB PROTECTION.
2. THE ROOT ZONE OF ALL TREES MUST BE PROTECTED ON ALL CONSTRUCTION PROJECTS, AS DESCRIBED BELOW. A TREE'S ROOT ZONE IS DEFINED AS THE AREA FROM THE TRUNK OUT TO 10' BEYOND THE DRIFLINE.
3. A STANFORD GROUNDS SERVICES CERTIFIED ARBORIST SHALL BE CONTACTED TO EVALUATE ALL WORK WITHIN ANY TREES ROOT ZONES.
4. ALL TREES TO REMAIN ON A PROJECT SHALL HAVE PROTECTIVE FENCING INSTALLED PER THE TREE PROTECTION DRAWING INCLUDED IN THE PLAN SET.
5. PROTECTIVE FENCING SHALL BE CHAIN LINK ON SECURE FOOTINGS, OR IMBEDDED AS REQUIRED BY THE CAMPUS PLANNING AND DESIGN OFFICE OR STANFORD GROUNDS SERVICES CERTIFIED ARBORIST, THAT WILL NOT FALL OVER ONTO TREES.
6. PROTECTIVE FENCING SHALL BE PLACED AT THE OUTER EDGE OF THE ROOT ZONE, 10' BEYOND THE TREE DRIFLINE WHEREVER POSSIBLE AS SHOWN ON TREE PROTECTION DRAWING. IF PROJECT CONSTRAINTS DO NOT ALLOW FOR FENCING AT THE OUTER EDGE OF THE ROOT ZONE, FENCING MUST BE PLACED AS CLOSE TO THIS AS POSSIBLE AND APPROVED AFTER IT IS IN PLACE BY A STANFORD UNIVERSITY GROUNDS SERVICES CERTIFIED ARBORIST.
7. LAYDOWN, STAGING AND PARKING AREAS SHALL BE APPROVED BY THE STANFORD UNIVERSITY ARCHITECT/CAMPUS PLANNING DEPARTMENT AND SHALL BE SHOWN ON THE PLANS IF WITHIN THE PROJECT LIMIT AREA, OR ON THE CONSTRUCTION LOGISTICS PLAN IF WITHIN THE PROJECT LIMIT AREA. ALL TREE PROTECTION GUIDELINES APPLY TO TREES IN LAYDOWN, STAGING AND PARKING AREAS AS WELL AS TO TREES WITHIN THE PROJECT LIMITS.
8. CONSTRUCTION MATERIALS/EQUIPMENT/PERSONAL VEHICLES SHALL NOT BE STORED, PARKED OR TEMPORARILY PLACED IN THE ROOT ZONE OF ANY TREES. NOTHING SHALL BE STORED OR PLACED TEMPORARILY WITHIN PROTECTIVE FENCING, TO AVOID SOIL COMPACTION AND SOIL CONTAMINATION UNDER TREES. ROOT ZONES OF TREES SHALL NOT BE DRIVEN OVER. PROVIDE ALTERNATIVE ROUTES FOR CONSTRUCTION TRAFFIC OF ANY KIND INCLUDING CARS, PEOPLE, TRACTORS, EQUIPMENT, CRANES, OR ANY OTHER TRAFFIC AND ALL STAGING OR STORAGE AREAS.
9. PROTECT OVERHANGING TREE CANOPIES FROM CONSTRUCTION DAMAGE. IF DRIVE AISLES ARE ANTICIPATED UNDER LOW CANOPIES CALL FOR AN EVALUATION BY A STANFORD GROUNDS SERVICES CERTIFIED ARBORIST TO DETERMINE APPROPRIATE MEASURES.
10. THERE SHALL BE NO GRADE CHANGE WITHIN A MINIMUM OF TEN FEET OF THE TRUNK OF EXISTING TREES, AND PREFERABLY NONE WITHIN THE ENTIRE ROOT ZONE. NATIVE OAKS ARE PARTICULARLY SENSITIVE TO GRADE CHANGES.
11. NO RINSING, CLEANING EQUIPMENT OR DUMPING CONSTRUCTION LIQUID MATERIALS SHALL BE ALLOWED IN THE TREE ROOT ZONE. CARE SHALL BE TAKEN IN CLEANING UP EQUIPMENT. THERE SHALL BE NO STORAGE OF DUMPSTERS OR ACCUMULATED DEBRIS FROM DEMOLITION ON OR AROUND THE ROOT ZONES OF EXISTING TREES AND SHRUBS.
12. EXISTING TREES SHALL BE MONITORED WEEKLY AND IRRIGATED AS NEEDED DURING THE COURSE OF CONSTRUCTION.
13. NO LIME OR OTHER SOIL TREATMENT SHALL BE APPLIED WITHOUT THE CONSENT OF A STANFORD GROUNDS SERVICES CERTIFIED ARBORIST.
14. ALL TRENCHING SHALL CONFORM TO THE FOLLOWING GUIDELINES.
 - A. A STANFORD GROUNDS SERVICES CERTIFIED ARBORIST IS REQUIRED TO BE PRESENT TO SUPERVISE ANY TRENCHING, DIGGING OR EXCAVATION OF ANY KIND WITHIN A TREE'S ROOT ZONE.
 - B. ROOTS LARGER THAN 2 INCHES IN DIAMETER SHALL NOT BE SEVERED WITHOUT CALLING A STANFORD GROUNDS SERVICES CERTIFIED ARBORIST FOR CUTTING OR REVIEW.
 - C. TUNNELING OR BORING UNDER ROOTS RATHER THAN PRUNING IS PREFERRED.
 - D. DIGGING WITHIN A TREE'S ROOT ZONE SHALL BE AVOIDED. IF IT IS NECESSARY, HAND DIGGING SHALL BE USED FOR ANY TRENCHING WITHIN THE TREE'S ROOT ZONE UNLESS OTHERWISE APPROVED BY A SSSCA.
 - E. ALL ROOTS THAT NEED TO BE CUT SHALL BE PRUNED CLEANLY, NOT TORN.

THE PRECEDING GUIDELINES SHALL BE CONSIDERED MINIMUM REQUIREMENTS. THE GREATER THE DISTANCE OF TREE PROTECTION PROVIDED THE GREATER THE INSTANCE OF TREE SUCCESS IN CONSTRUCTION AREAS.

Tree Assessment		Stanford Auxiliary Library Stanford, CA Updated May 2024										
Tree No.	Species	Trunk Diameter (in)	Canopy radius (ft.)					Protected Tree?	Condition	F- Foot excellent	Suitability for Preservation	Comments
			N	E	S	W						
60	Coast live oak	16	10	15	25	15	No	4		Moderate	Adjacent to building; one-sided; full healthy crown; codominant trunks arise from 12' 5' planting strip; multiple attachments at 9'; crossing branches.	
61	Chinese pistache	6	12	18	14	10	No	4		High	Zigzag shaped trunk; significant epicormic growth; suppressed W; vigorous.	
62	African sumac	8	8	8	10	3	No	3		Low	Codominant trunks arise from 6'; significant epicormic growth; crossing branches; vigorous; 5' planting strip.	
63	African sumac	10	12	10	15	12	No	3		Low	Suppressed E; crown heavy W; trunk outside drip line; vigorous.	
64	African sumac	11	12	8	12	8	No	3		Low	Suppressed NE; multiple wide attachments at 6'; crown heavy S; vigorous.	
65	River red gum	40	40	15	15	40	No	3		Low	Codominant trunks arise from 10' with 2' seam; wide-spreading crown; small twig and branch dieback.	
68	Manna gum	10	20	8	12	15	No	3		Moderate	Multiple stems at base; poor branch structure; vigorous.	
73	Valley oak	14	20	20	25	25	No	5		High	Nice specimen tree.	
74	River red gum	10	15	20	3	2	No	2		Low	Adjacent to building; trunk leans N at base; moderate twig and branch dieback.	
75	River red gum	15	20	30	8	12	No	2		Low	Adjacent to building; trunk leans N at base; large sucker growth; small twig and branch dieback.	
76	River red gum	7.5	10	15	25	12	No	2		Low	Multiple stems at base; 2 W stems fuse at 5'; sparse crown.	
77	River red gum	15	25	40	25	20	No	2		Low	Codominant trunks at 2' with seam to base; crossing branches on E stem; moderate twig and branch dieback.	
78	River red gum	18	15	25	45	30	No	3		Low	Codominant stems high in crown; stems cross 3' about union; small twig and branch dieback; vigorous.	
79	River red gum	15	20	25	40	45	No	3		Low	Multiple stems at base; 2 W stems cross and fuse at 6'; vigorous wide-spreading crown.	
80	River red gum	28	10	30	50	30	No	4		Moderate	Suppressed N; crown heavy S; small twig and branch dieback; vigorous.	
91	River red gum	14	15	30	10	15	No	2		Low	Multiple attachments at 4'; suppressed; crown heavy W; history of branch failure; moderate twig and branch dieback.	
92	River red gum	21	15	15	15	20	No	4		Moderate	Good upright form; vigorous; branch overhangs fence 12'.	



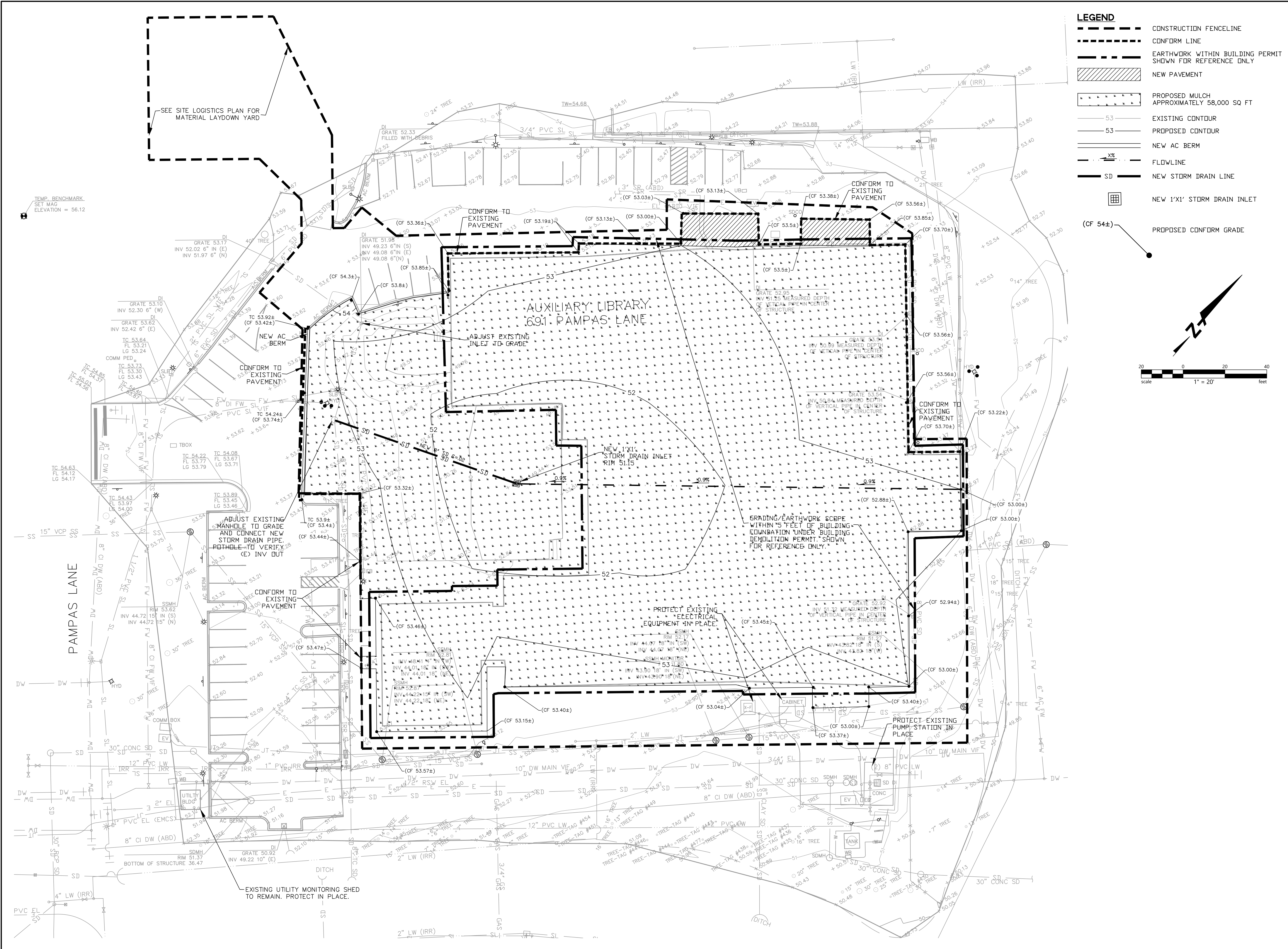
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7901 Stoneridge Drive, Suite 360
Pleasanton, CA 94588
(925) 396-7700
www.bkf.com

MILESTONE	DATE
GRADING PERMIT SUBMITTAL	1/19/2024
GRADING PERMIT RESUBMITTAL #1	6/7/2024
GRADING PERMIT RESUBMITTAL #2	7/19/2024

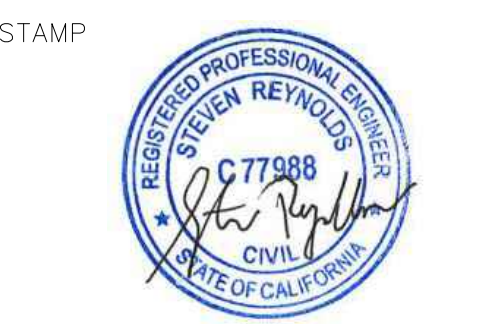
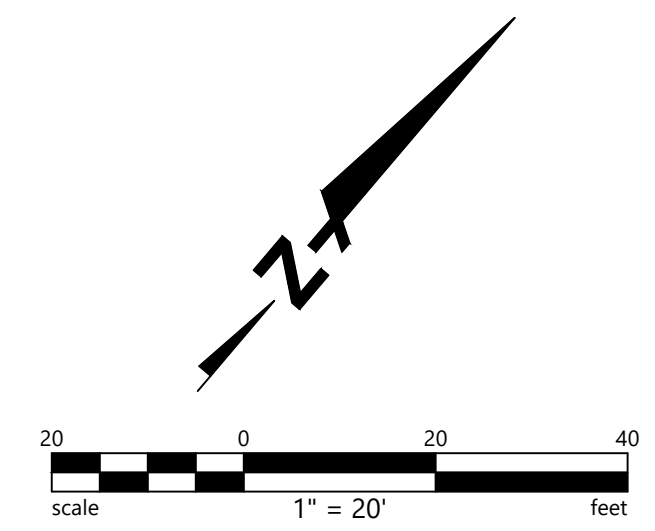
PROJECT NAME
AUXILIARY LIBRARY 1&2
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SITE GRADING APPROVAL
691 & 693 PAMPAS LANE
STANFORD, CA 94305

SHEET TITLE
TREE PROTECTION PLAN
PROJECT NO. 22024
DRAWN BY NB
CHECKED BY SR

SHEET
C300



- LEGEND**
- CONSTRUCTION FENCELINE
 - CONFORM LINE
 - EARTHWORK WITHIN BUILDING PERMIT SHOWN FOR REFERENCE ONLY
 - ▨ NEW PAVEMENT
 - ⋯ PROPOSED MULCH APPROXIMATELY 58,000 SQ FT
 - 53 --- EXISTING CONTOUR
 - 53 --- PROPOSED CONTOUR
 - NEW AC BERM
 - FLOWLINE
 - SD --- NEW STORM DRAIN LINE
 - ⊠ NEW 1'x1' STORM DRAIN INLET
 - (CF 54±) --- PROPOSED CONFORM GRADE



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GRADING PERMIT RESUBMITTAL #2	7/19/2024

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 STANFORD, CA 94305

SHEET TITLE
 SITE IMPROVEMENT PLAN

PROJECT NO. 22024
 DRAWN BY NB
 CHECKED BY SR

SHEET
 C4.00

LEGEND

- CONSTRUCTION FENCELINE
- CONFORM LINE
- EARTHWORK WITHIN BUILDING PERMIT

BUILDING EARTHWORK SUMMARY*

CUT	570 CY*
FILL	143 CY*
NET CUT	427 CY*

SITE EARTHWORK SUMMARY

CUT	109 CY
FILL	518 CY
NET FILL	409 CY

TOTAL EARTHWORK SUMMARY*

CUT	679 CY*
FILL	661 CY*
NET CUT	18 CY*

*BUILDING EARTHWORK IS PART OF A SEPARATE DEMOLITION PERMIT AND IS INCLUDED IN THE SITE GRADING PERMIT PACKAGE FOR REFERENCE ONLY.

NOTES

1. CONTRACTOR SHALL PERFORM THEIR OWN EARTHWORK QUANTITY TAKEOFF/CALCULATIONS.
2. FILL DOES NOT INCLUDE SHRINKAGE OR COMPACTION.
3. BACKFILL OF EXISTING BUILDING TO BE COVERED UNDER THE BUILDING DEMOLITION PERMIT AND IS SHOWN FOR REFERENCE ONLY.

STAMP



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MILESTONE DATE

GRADING PERMIT SUBMITTAL	1/19/2024
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GRADING PERMIT RESUBMITTAL #2	7/19/2024

PROJECT NAME

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STANFORD, CA 94305

SHEET TITLE

SECTIONS

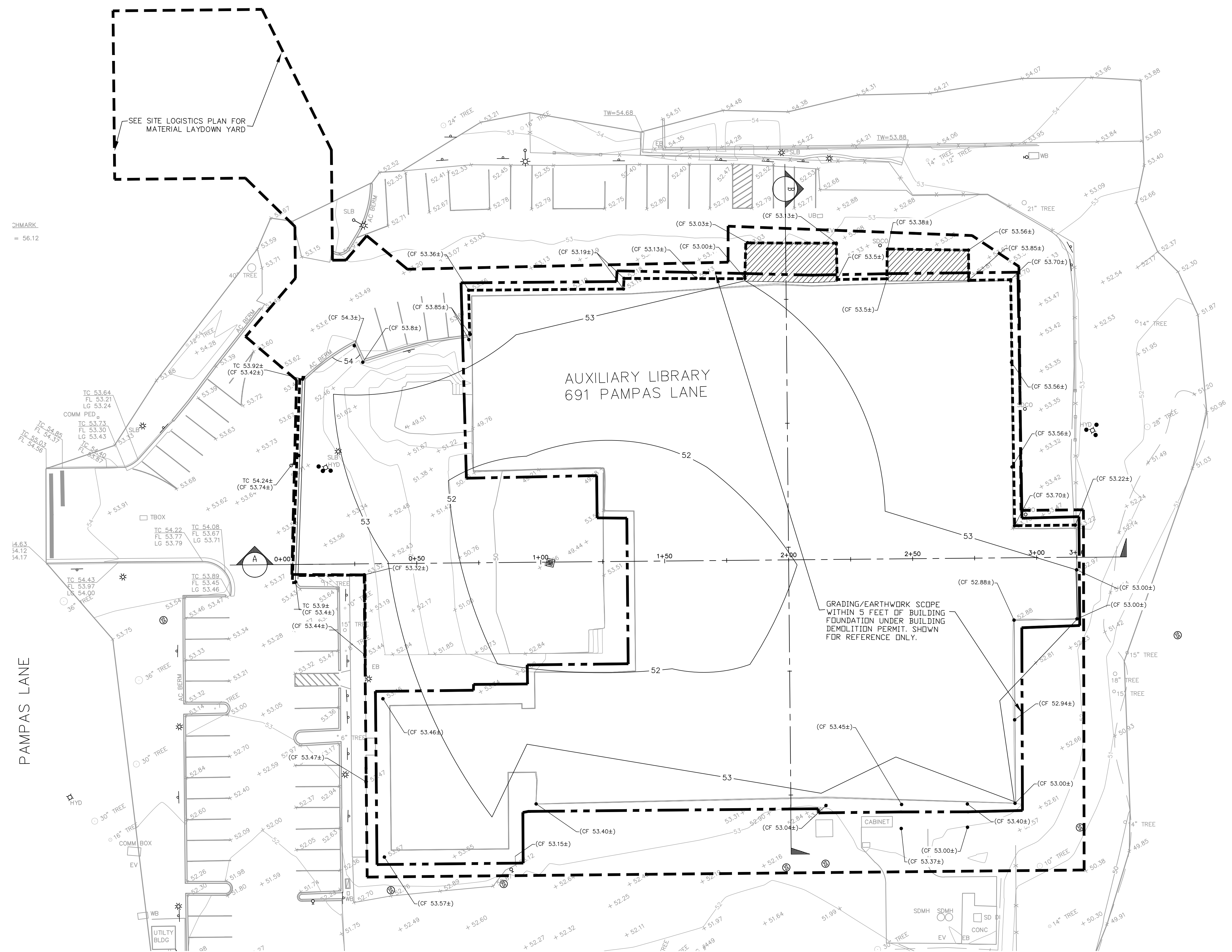
PROJECT NO. 22024

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SHEET

C5.00

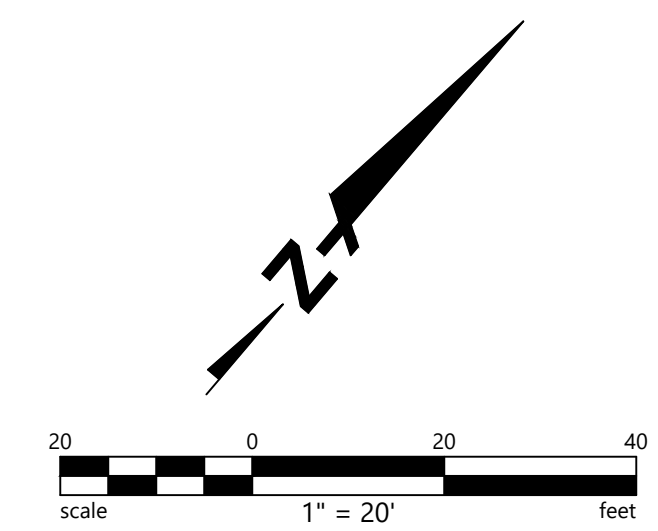


CHMARK
= 56.12

SEE SITE LOGISTICS PLAN FOR MATERIAL LAYDOWN YARD

AUXILIARY LIBRARY
691 PAMPAS LANE

GRADING/EARTHWORK SCOPE WITHIN 5 FEET OF BUILDING FOUNDATION UNDER BUILDING DEMOLITION PERMIT. SHOWN FOR REFERENCE ONLY.



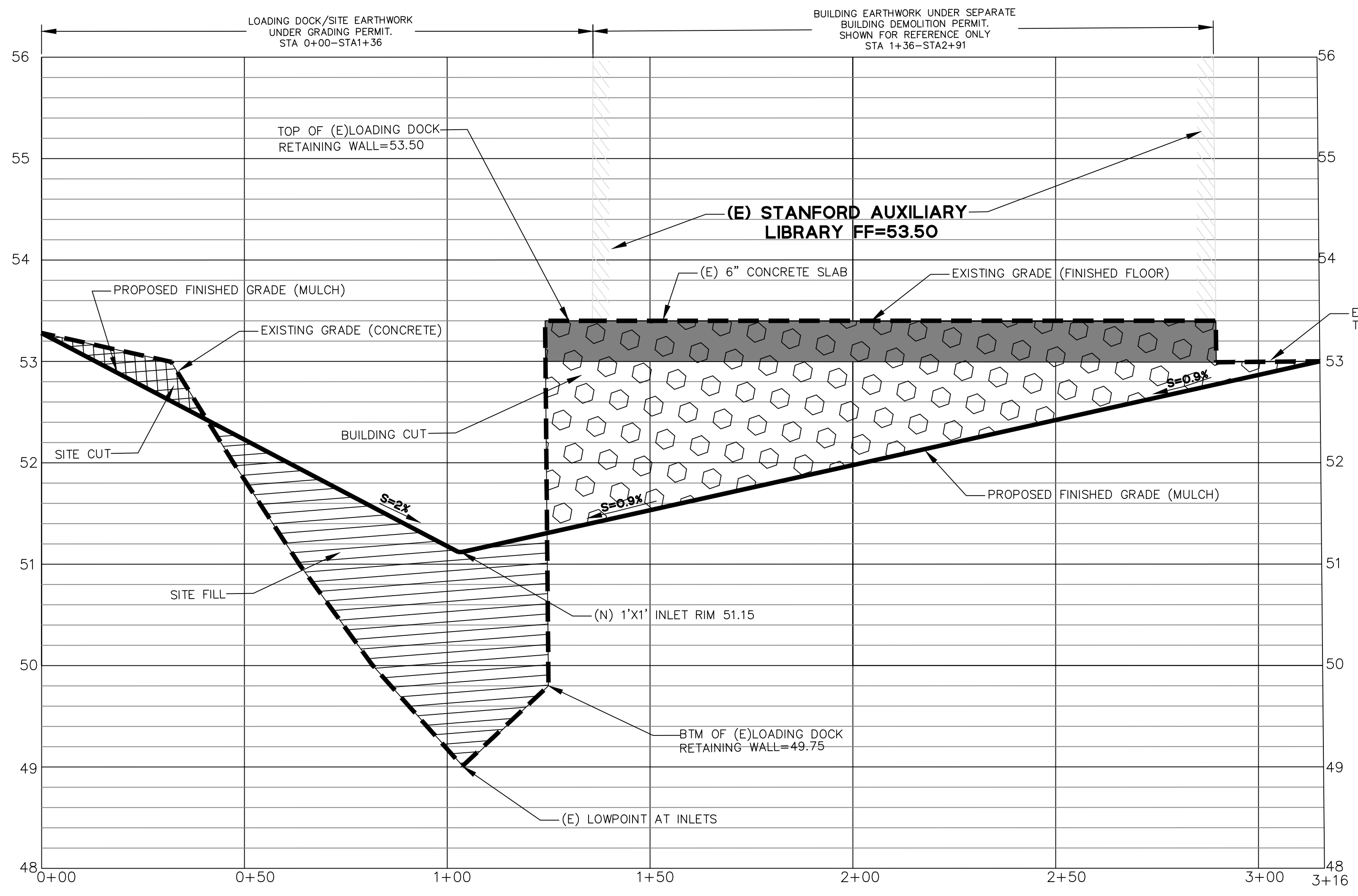
PLAN VIEW
SCALE: 1"=20'



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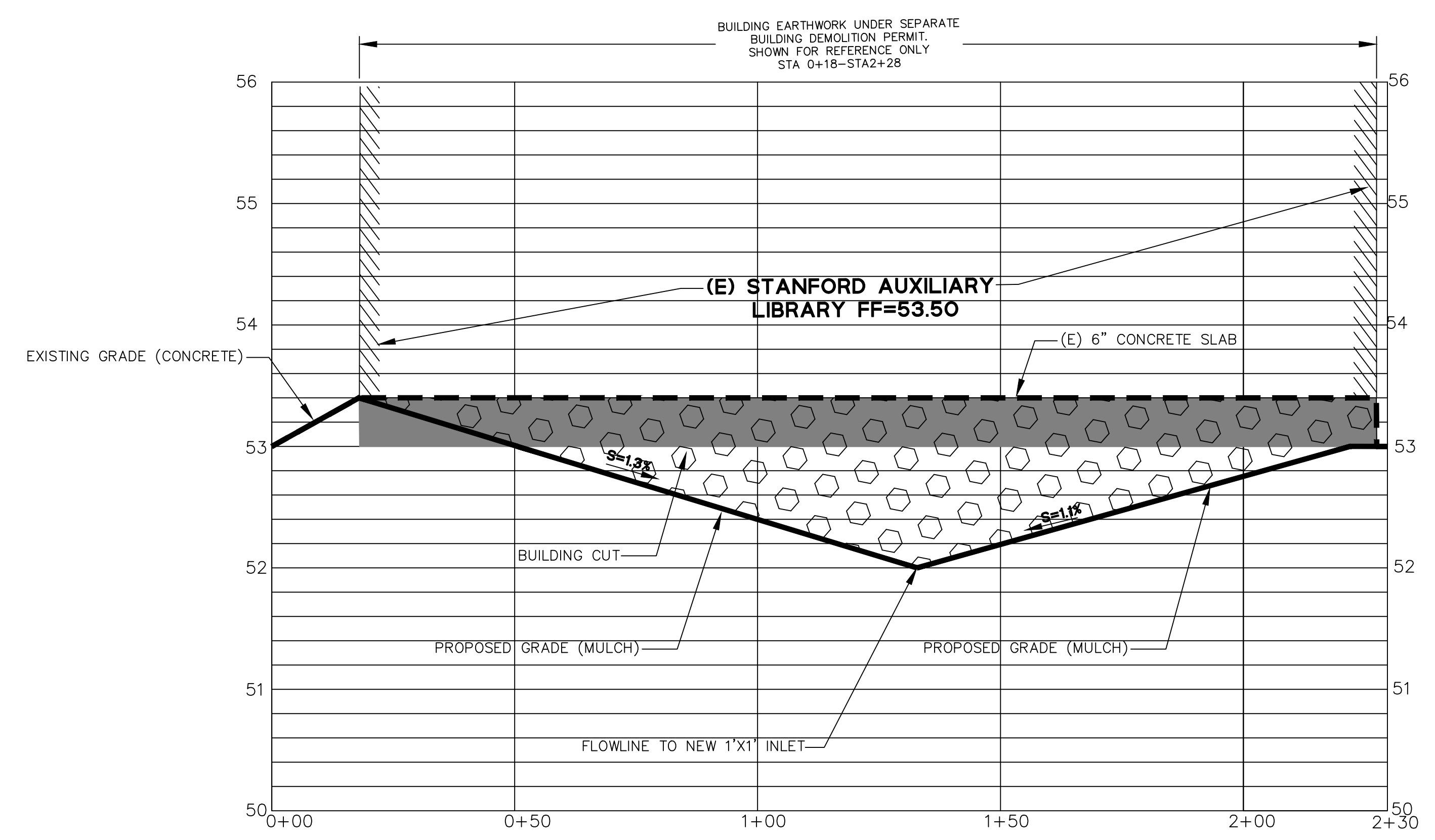
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EARTHWORK SECTION "A"

SCALE:
HORIZONTAL: 1"=20'
VERTICAL: 1"=10'



EARTHWORK SECTION "B"

SCALE:
HORIZONTAL: 1"=20'
VERTICAL: 1"=10'

LEGEND

- PROPOSED FINISHED GRADE
- EXISTING GRADE
- BUILDING CUT UNDER SEPARATE BUILDING DEMOLITION PERMIT (SHOWN FOR REFERENCE ONLY)
- SITE CUT UNDER GRADING PERMIT
- SITE FILL UNDER GRADING PERMIT

BUILDING EARTHWORK SUMMARY*

CUT	570 CY*
FILL	143 CY*
NET CUT	427 CY*

SITE EARTHWORK SUMMARY

CUT	109 CY
FILL	518 CY
NET FILL	409 CY

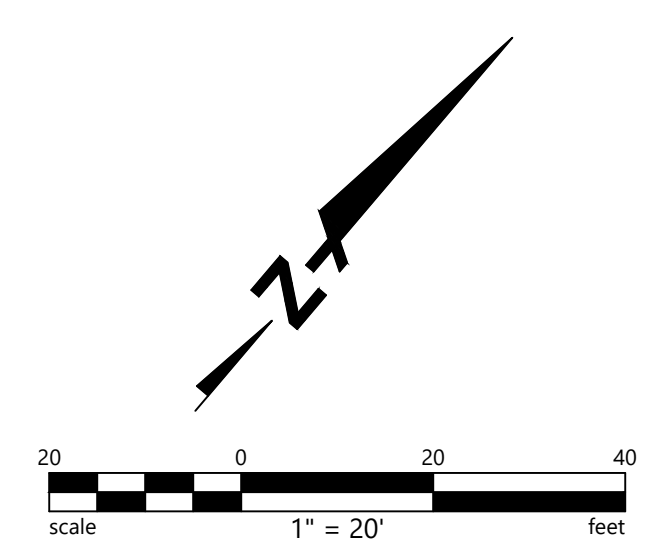
TOTAL EARTHWORK SUMMARY*

CUT	679 CY*
FILL	661 CY*
NET CUT	18 CY*

*BUILDING EARTHWORK IS APART OF A SEPARATE DEMOLITION PERMIT AND IS INCLUDED IN THE SITE GRADING PERMIT PACKAGE FOR REFERENCE ONLY.

NOTES

- CONTRACTOR SHALL PERFORM THEIR OWN EARTHWORK QUANTITY TAKEOFF/CALCULATIONS.
- FILL DOES NOT INCLUDE SHRINKAGE OR COMPACTION.
- BACKFILL OF EXISTING BUILDING TO BE COVERED UNDER THE BUILDING DEMOLITION PERMIT AND IS SHOWN FOR REFERENCE ONLY.



PROJECT NAME

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SHEET TITLE

SECTIONS

PROJECT NO. 22024

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SHEET

C5.01



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 PLEASANTON, CA 94588
 (925) 396-7700
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SHEET TITLE
 EROSION CONTROL PLAN

PROJECT NO. 22024
 DRAWN BY NB
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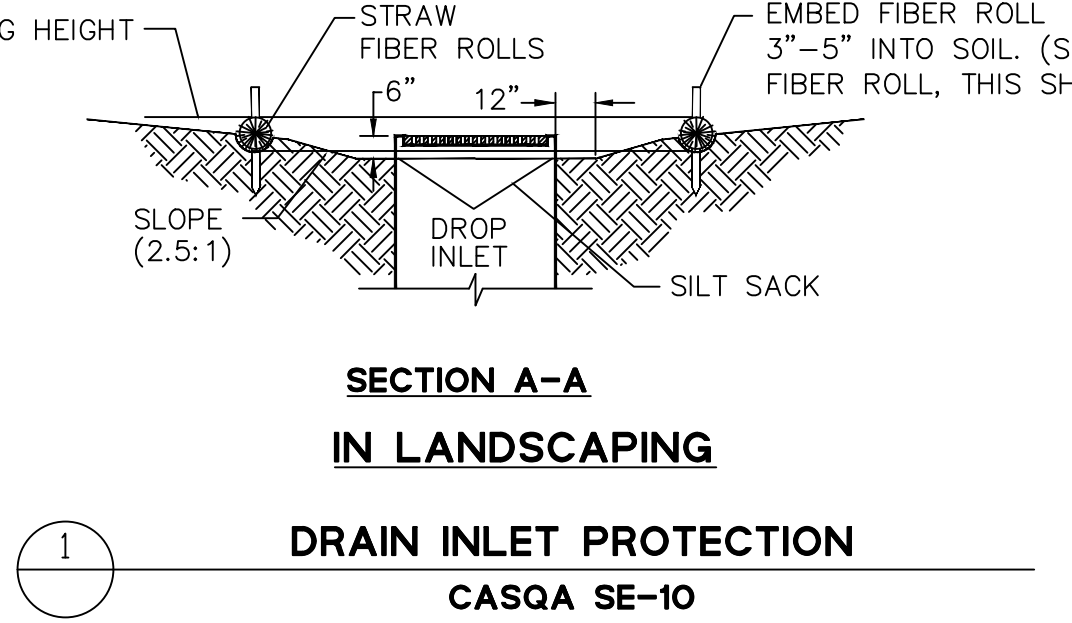
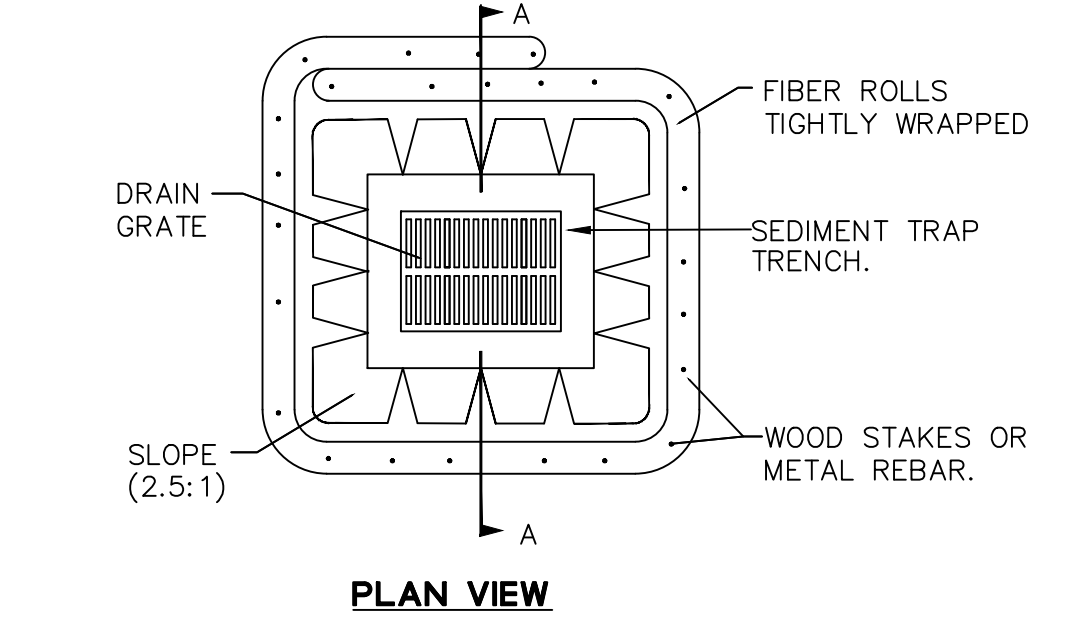
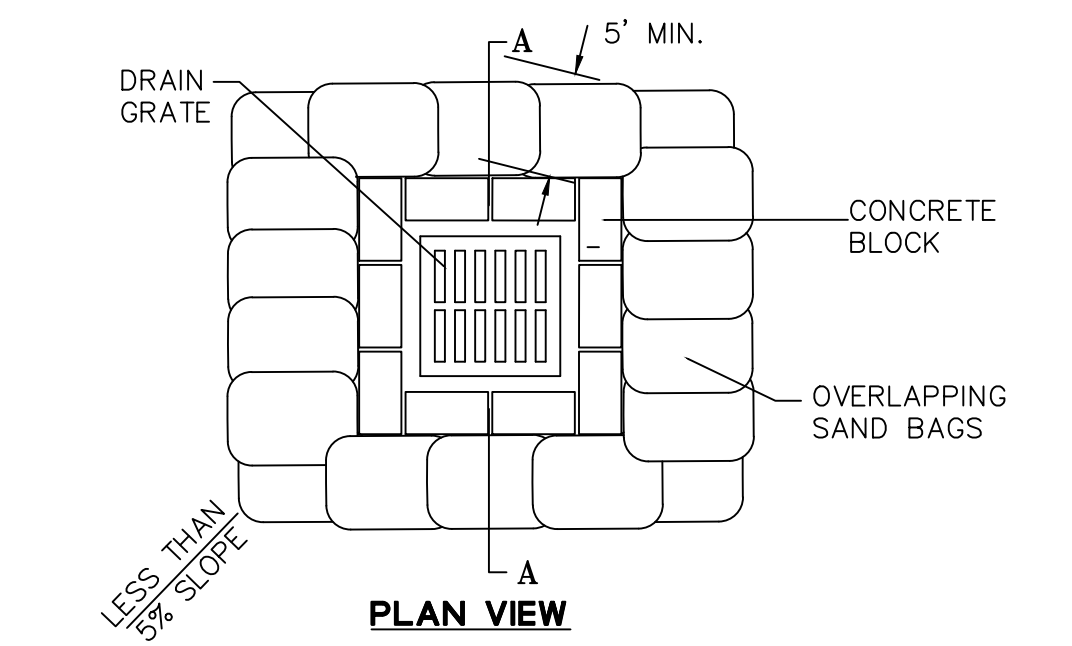
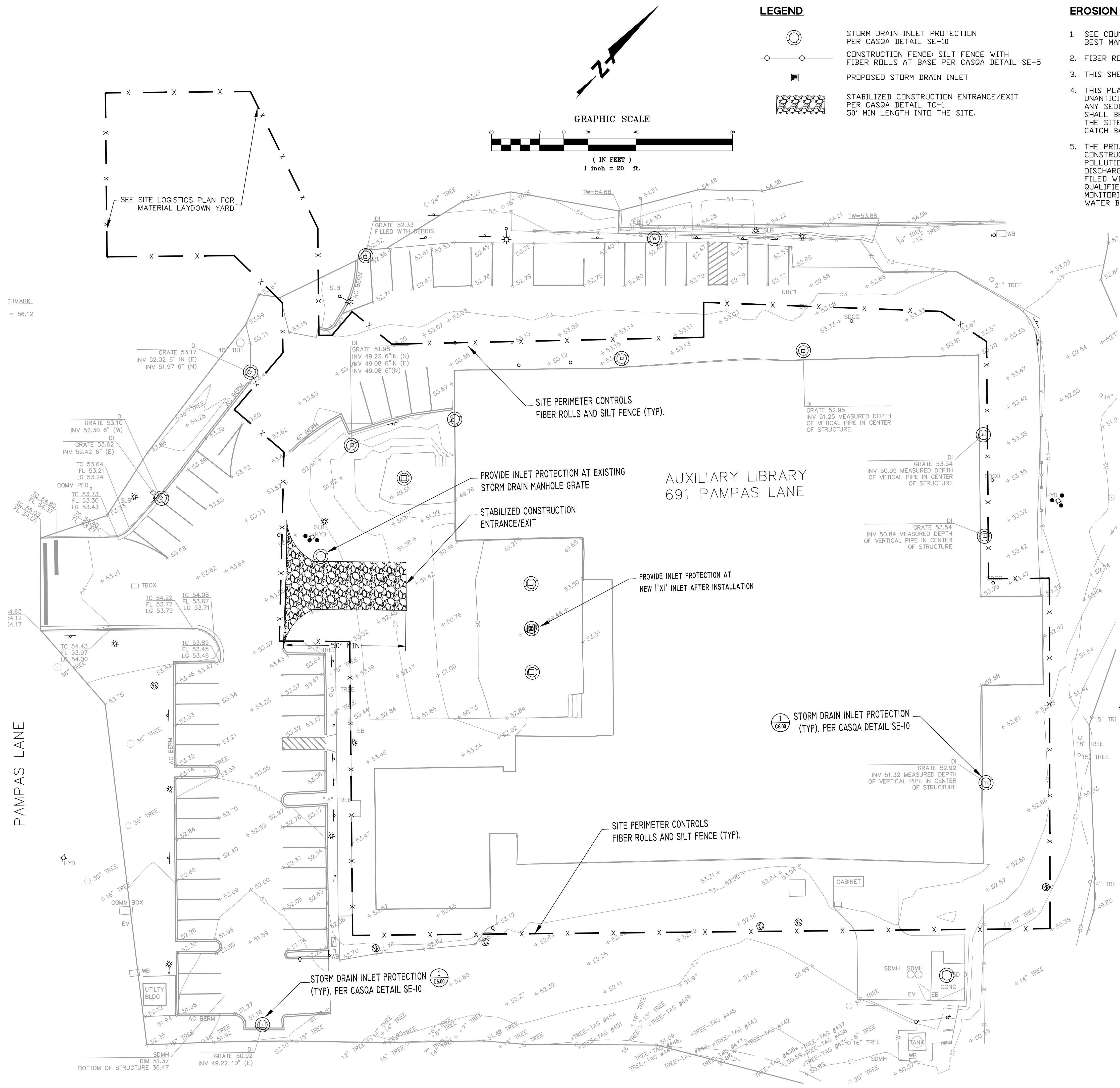
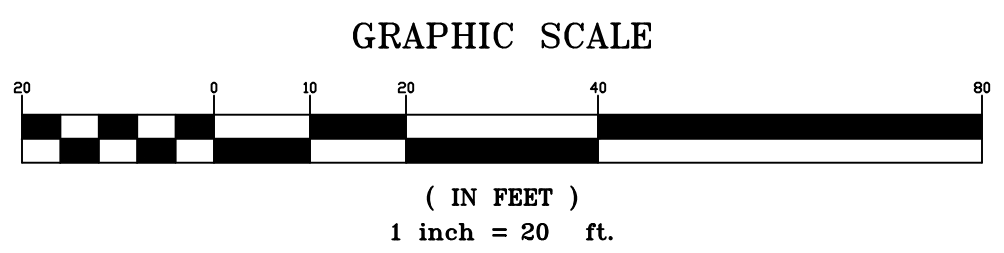
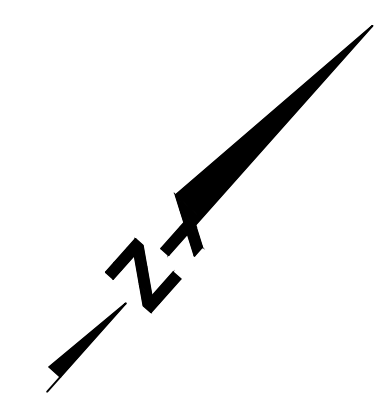
SHEET
C6.00

EROSION CONTROL NOTES

- SEE COUNTY OF SANTA CLARA EROSION CONTROL TEMPLATES EC1 AND EC2 ON C6.01 & C6.02 FOR BEST MANAGEMENT PRACTICES AND EROSION CONTROL DETAILS.
- FIBER ROLLS SHALL BE INSTALLED AROUND THE PERIMETER ALONG THE CONSTRUCTION FENCE.
- THIS SHEET IS INTENDED FOR EROSION CONTROL ONLY.
- THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. IN GENERAL, THE CONTRACTOR IS RESPONSIBLE FOR KEEPING ANY SEDIMENT FROM LEAVING THE SITE. FIBER ROLLS, SAND BAGS AND ADDITIONAL SILT FENCES SHALL BE USED BY THE CONTRACTOR ON AN AS NEEDED BASIS TO INHIBIT SILT FROM LEAVING THE SITE AND ENTERING THE STORM DRAIN SYSTEM. ALL EXISTING, TEMPORARY OR PERMANENT CATCH BASINS SHALL USE THE SEDIMENT BARRIERS SHOWN ON THIS PLAN.
- THE PROJECT DISTURBS OVER 1 ACRE OF SOIL AND THEREFORE REQUIRES COVERAGE UNDER THE CONSTRUCTION GENERAL PERMIT (ORDER WQ 2022-057-DWG NPDES NO. CAS000002). A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) WILL BE PREPARED BY BKF ENGINEERS. THE WASTE DISCHARGE IDENTIFICATION (WDID) NUMBER IS TBD AND WILL BE PROVIDED ONCE THE SWPPP IS FILED WITH THE STATE WATER BOARD. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING QUALIFIED SWPPP PRACTITIONER (QSP) AND QUALIFIED SWPPP DEVELOPER (QSD) CONSTRUCTION MONITORING SERVICES UNTIL THE NOTICE OF TERMINATION (NOT) IS FILED WITH THE STATE WATER BOARD.

LEGEND

- STORM DRAIN INLET PROTECTION PER CASQA DETAIL SE-10
- CONSTRUCTION FENCE: SILT FENCE WITH FIBER ROLLS AT BASE PER CASQA DETAIL SE-5
- PROPOSED STORM DRAIN INLET
- STABILIZED CONSTRUCTION ENTRANCE/EXIT PER CASQA DETAIL TC-1 50' MIN LENGTH INTO THE SITE.



STAMP



CONSULTANTS



MILESTONE	DATE
GRADING PERMIT SUBMITTAL	1/19/2024
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PROJECT NAME	AUXILIARY LIBRARY 1&2 STANFORD UNIVERSITY LIBRARIES
SITE GRADING APPROVAL	691 & 693 PAMPAS LANE STANFORD, CA 94305

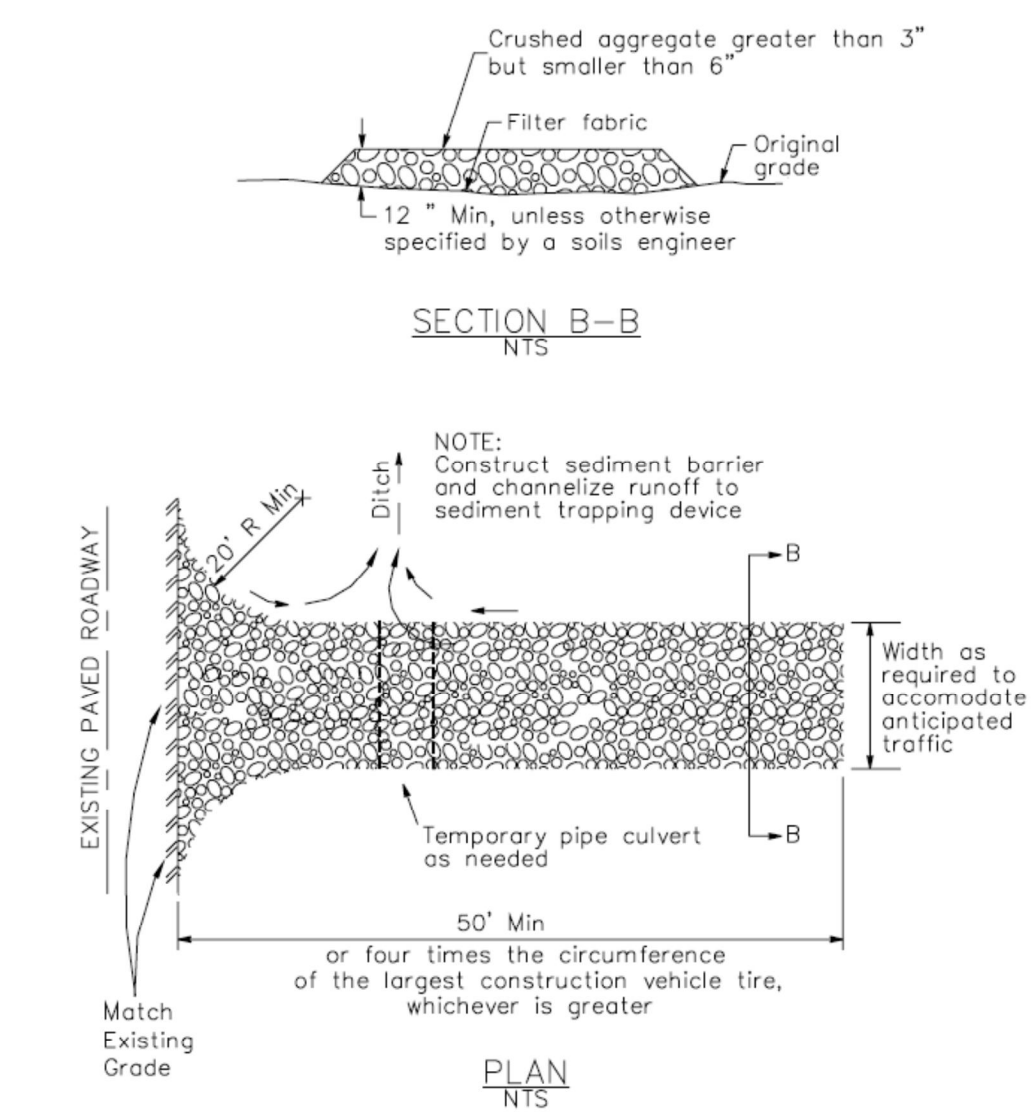
SHEET TITLE
EROSION CONTROL BMP-1

PROJECT NO. 22024
DRAWN BY NB
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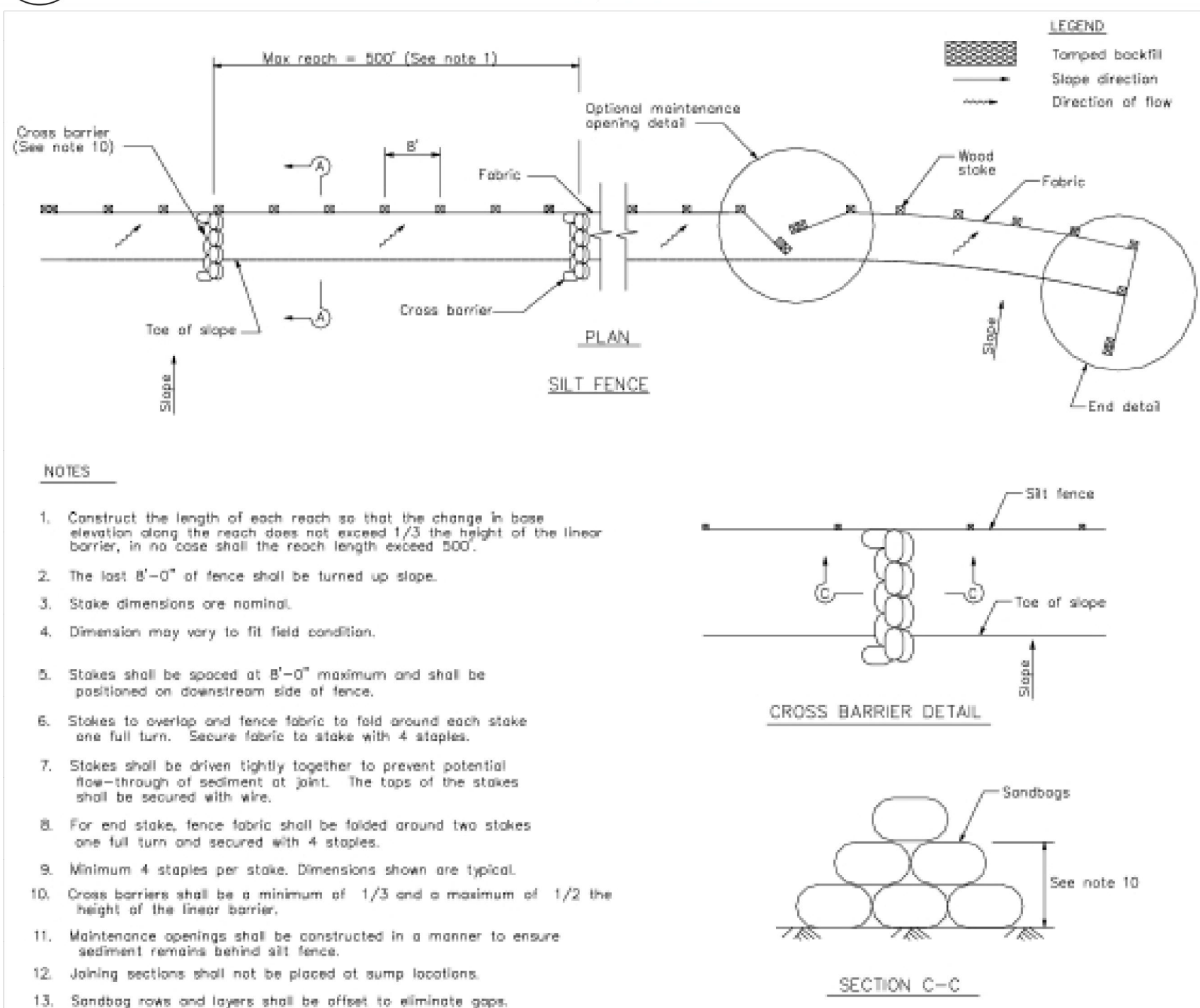
SHEET
C6.01

Project Information

3 Stabilized Construction Entrance/Exit
CASQA Detail TC-1

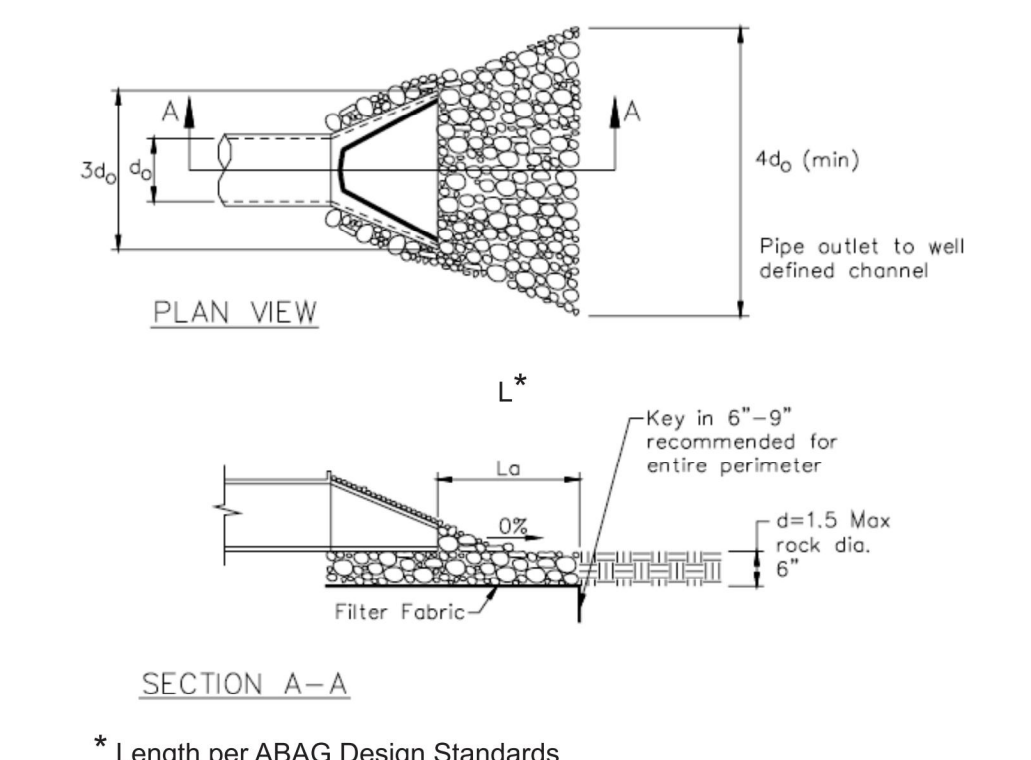


1 Silt Fence
CASQA Detail SE-1



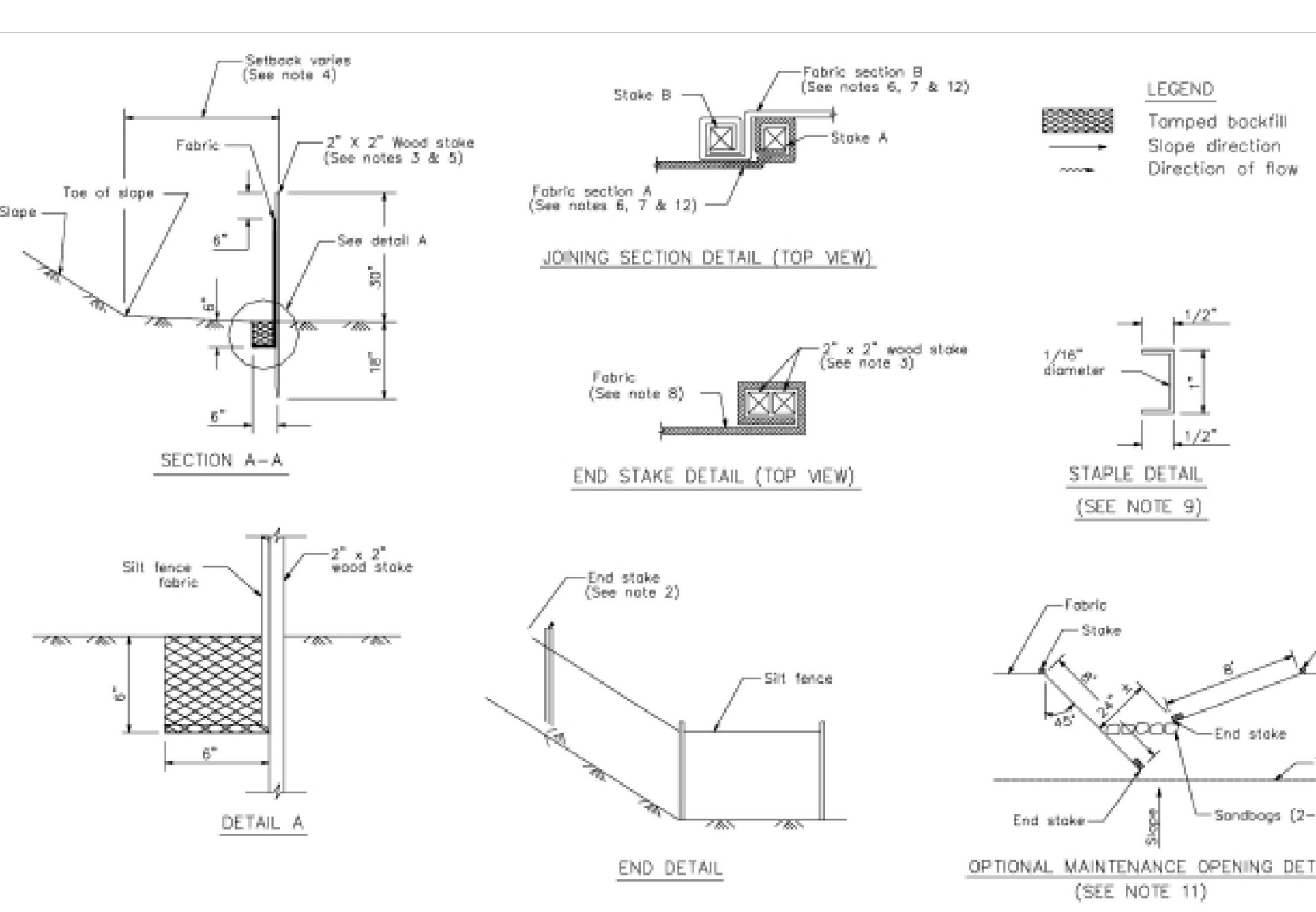
- NOTES
- Construct the length of each reach so that the change in base elevation along the reach does not exceed 1/3 the height of the linear barrier. In no case shall the reach length exceed 500'
 - The last 8'-0" of fence shall be turned up slope.
 - Stake dimensions are nominal.
 - Dimension may vary to fit field condition.
 - Stakes shall be spaced at 8'-0" maximum and shall be positioned on downstream side of fence.
 - Stakes to overlap and fence fabric to fold around each stake one full turn.
 - Stakes shall be driven tightly together to prevent potential flow-through of sediment at joint. The tops of the stakes shall be secured with wire.
 - For end stake, fence fabric shall be folded around two stakes one full turn and secured with 4 staples.
 - Minimum 4 staples per stake. Dimensions shown are typical.
 - Cross barriers shall be a minimum of 1/3 and a maximum of 1/2 the height of the linear barrier.
 - Maintenance openings shall be constructed in a manner to ensure sediment remains behind silt fence.
 - Joining sections shall not be placed at sump locations.
 - Sandbag rows and layers shall be offset to eliminate gaps.

4 Velocity Dissipation Devices
CASQA Detail EC-10



Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003. Available from www.cabmphandbooks.com.

2 Silt Fence
CASQA Detail SE-1



STANDARD BEST MANAGEMENT PRACTICE NOTES

- Solid and Demolition Waste Management:** Provide designated waste collection areas and containers on site away from streets, gutters, storm drains, and waterways, and arrange for regular disposal. Waste containers must be watertight and covered at all times except when waste is deposited. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C3) or latest.
- Hazardous Waste Management:** Provide proper handling and disposal of hazardous wastes by a licensed hazardous waste material hauler. Hazardous wastes shall be stored and properly labeled in sealed containers constructed of suitable materials. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-5 to C-6) or latest.
- Spill Prevention and Control:** Provide proper storage areas for liquid and solid materials, including chemicals and hazardous substances, away from streets, gutters, storm drains, and waterways. Spill control materials must be kept on site where readily accessible. Spills must be cleaned up immediately and contaminated soil disposed properly. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-7 to C-8, C-13 to C-14) or latest.
- Vehicle and Construction Equipment Service and Storage:** An area shall be designated for the maintenance, where on-site maintenance is required, and storage of equipment that is protected from stormwater run-on and runoff. Measures shall be provided to capture any waste oils, lubricants, or other potential pollutants and these wastes shall be properly disposed of off site. Fueling and major maintenance/repair, and washing shall be conducted off-site whenever feasible. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C9) or latest.
- Material Delivery, Handling and Storage:** In general, materials should not be stockpiled on site. Where temporary stockpiles are necessary and approved by the County, they shall be covered with secured plastic sheeting or tarp and located in designated areas near construction entrances and away from drainage paths and waterways. Barriers shall be provided around storage areas where materials are potentially in contact with runoff. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-11 to C-12) or latest.
- Handling and Disposal of Concrete and Cement:** When concrete trucks and equipment are washed on-site, concrete wastewater shall be contained in designated containers or in a temporary lined and watertight pit where wasted concrete can harden for later removal. If possible have concrete contractor remove concrete wash water from site. In no case shall fresh concrete be washed into the road right-of-way. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-15 to C-16) or latest.
- Pavement Construction Management:** Prevent or reduce the discharge of pollutants from paving operations, using measures to prevent run-on and runoff pollution and properly disposing of wastes. Avoid paving in the wet season and reschedule paving when rain is in the forecast. Residue from saw-cutting shall be vacuumed for proper disposal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-17 to C-18) or latest.
- Contaminated Soil and Water Management:** Inspections to identify contaminated soils should occur prior to construction and at regular intervals during construction. Remediating contaminated soil should occur promptly after identification and be specific to the contaminant identified, which may include hazardous waste removal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-19 to C-20) or latest.
- Sanitary/Septic Water Management:** Temporary sanitary facilities should be located away from drainage paths, waterways, and traffic areas. Only licensed sanitary and septic waste haulers should be used. Secondary containment should be provided for all sanitary facilities. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C-21) or latest.
- Inspection & Maintenance:** Areas of material and equipment storage sites and temporary sanitary facilities must be inspected weekly. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.

STANDARD EROSION CONTROL NOTES

- Sediment Control Management:**
 - Tracking Prevention & Clean Up:** Activities shall be organized and measures taken as needed to prevent or minimize tracking of soil onto the public street system. A gravel or proprietary device construction entrance/exit is required for all sites. Clean up of tracked material shall be provided by means of a street sweeper prior to an approaching rain event, or at least once at the end of each workday that material is tracked, or more frequently as determined by the County Inspector. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-31 to B-33) or latest.
 - Storm Drain Inlet and Catch Basin Inlet Protection:** All inlets within the vicinity of the project and within the project limits shall be protected with gravel bags placed around inlets or other inlet protection. At locations where exposed soils are present, staked fiber rolls or staked silt fences can be used. Inlet filters are not allowed due to clogging and subsequent flooding. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-49 to B-51) or latest.
 - Storm Water Runoff:** No storm water runoff shall be allowed to drain in to the existing and/or proposed underground storm drain system or other above ground watercourses until appropriate erosion control measures are fully installed.
 - Dust Control:** The contractor shall provide dust control in graded areas as required by providing wet suppression or chemical stabilization of exposed soils, providing for rapid clean up of sediments deposited on paved roads, furnishing construction road entrances and vehicle wash down areas, and limiting the amount of areas disturbed by clearing and earth moving operations by scheduling these activities in phases.
 - Stockpiling:** Excavated soils shall not be placed in streets or on paved areas. Borrow and temporary stockpiles shall be protected with appropriate erosion control measures (tarps, straw bales, silt fences, etc.) to ensure silt does not leave the site or enter the storm drain system or neighboring watercourse.
- Erosion Control:** During the rainy season, all disturbed areas must include an effective combination of erosion and sediment control. It is required that temporary erosion control measures are applied to all disturbed soil areas prior to a rain event. During the non-rainy season, erosion control measures must be applied sufficient to control wind erosion at the site.
- Inspection & Maintenance:** Disturbed areas of the Project's site, locations where vehicles enter or exit the site, and all erosion and sediment controls that are identified as part of the Erosion Control Plans must be inspected by the Contractor before, during, and after storm events, and at least weekly during seasonal wet periods. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.
- Project Completion:** Prior to project completion and signoff by the County Inspector, all disturbed areas shall be reseeded, planted, or landscaped to minimize the potential for erosion on the subject site.
- It shall be the Owner's/Contractor's responsibility to maintain control of the entire construction operation and to keep the entire site in compliance with the erosion control plan.
- Erosion and sediment control best management practices shall be operable year round or until vegetation is fully established on landscaped surfaces.

Best Management Practices and Erosion Control Details Sheet 1
County of Santa Clara



BMP-1

STAMP



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MILESTONE DATE

GRADING PERMIT SUBMITTAL 1/19/2024

GRADING PERMIT RESUBMITTAL #1 6/7/2024

GRADING PERMIT RESUBMITTAL #2 7/19/2024

PROJECT NAME

AUXILIARY LIBRARY 1&2

STANFORD UNIVERSITY LIBRARIES

SITE GRADING APPROVAL

691 & 693 PAMPAS LANE

STANFORD, CA 94305

SHEET TITLE

EROSION CONTROL BMP-2

PROJECT NO. 22024

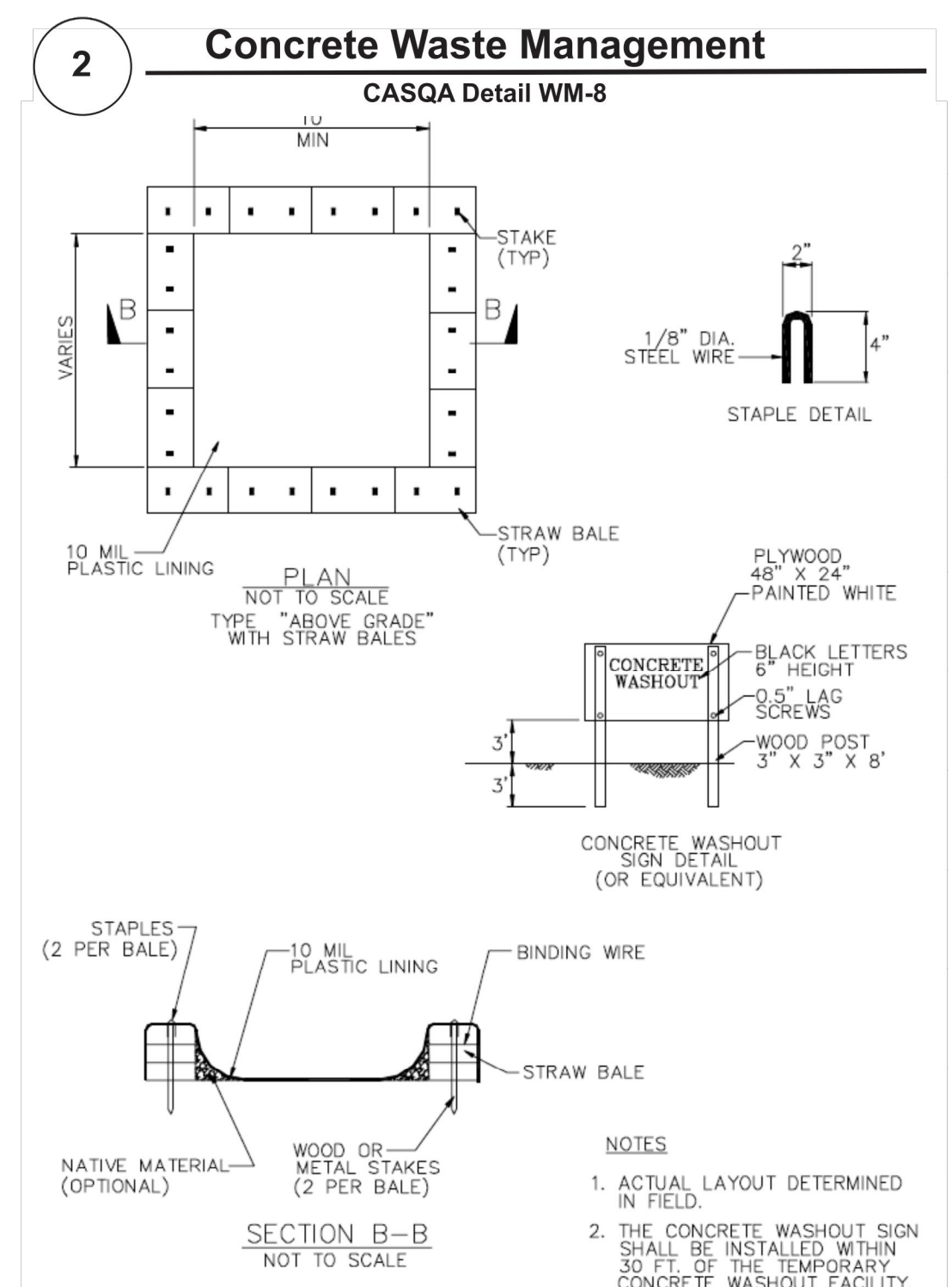
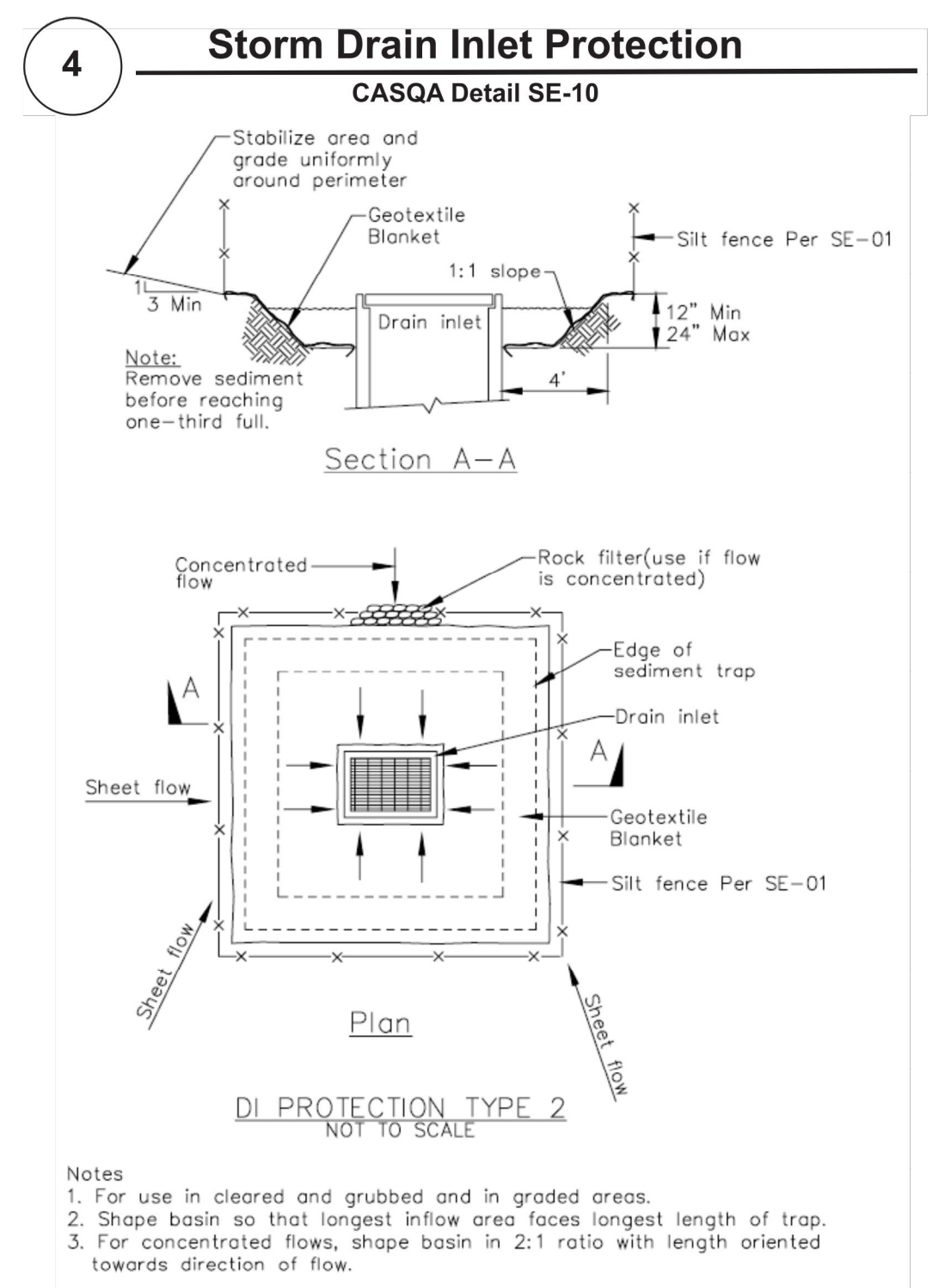
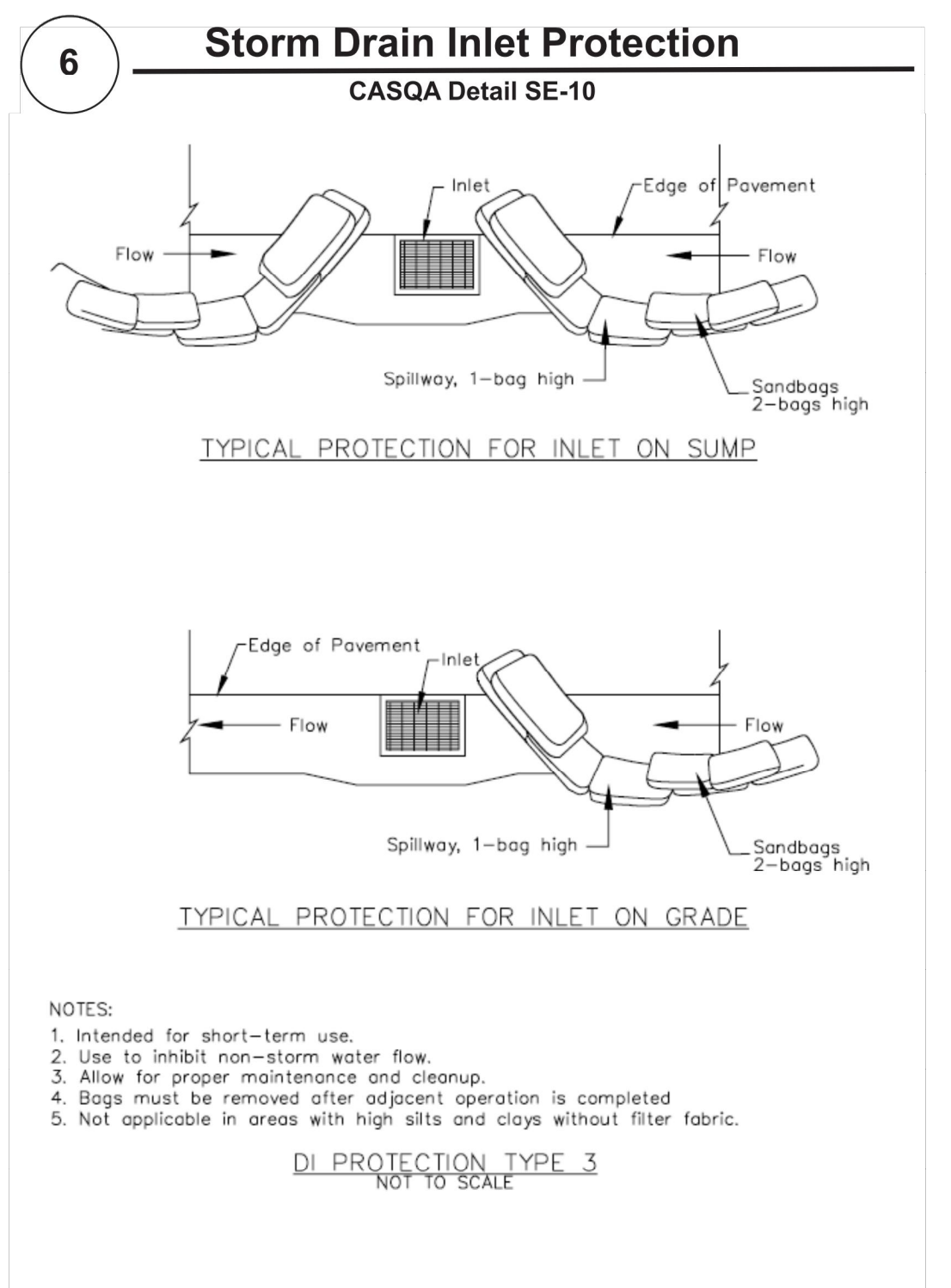
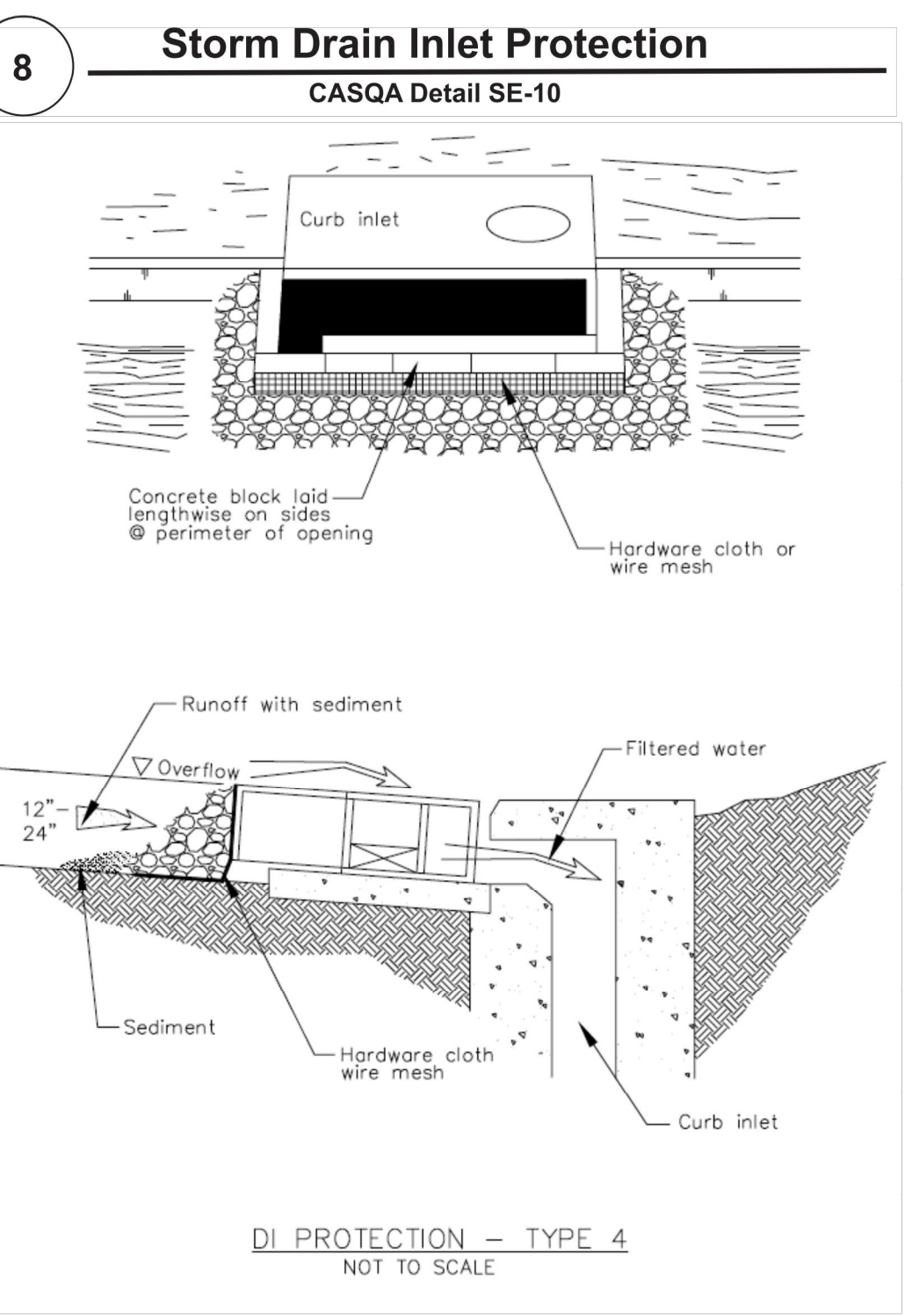
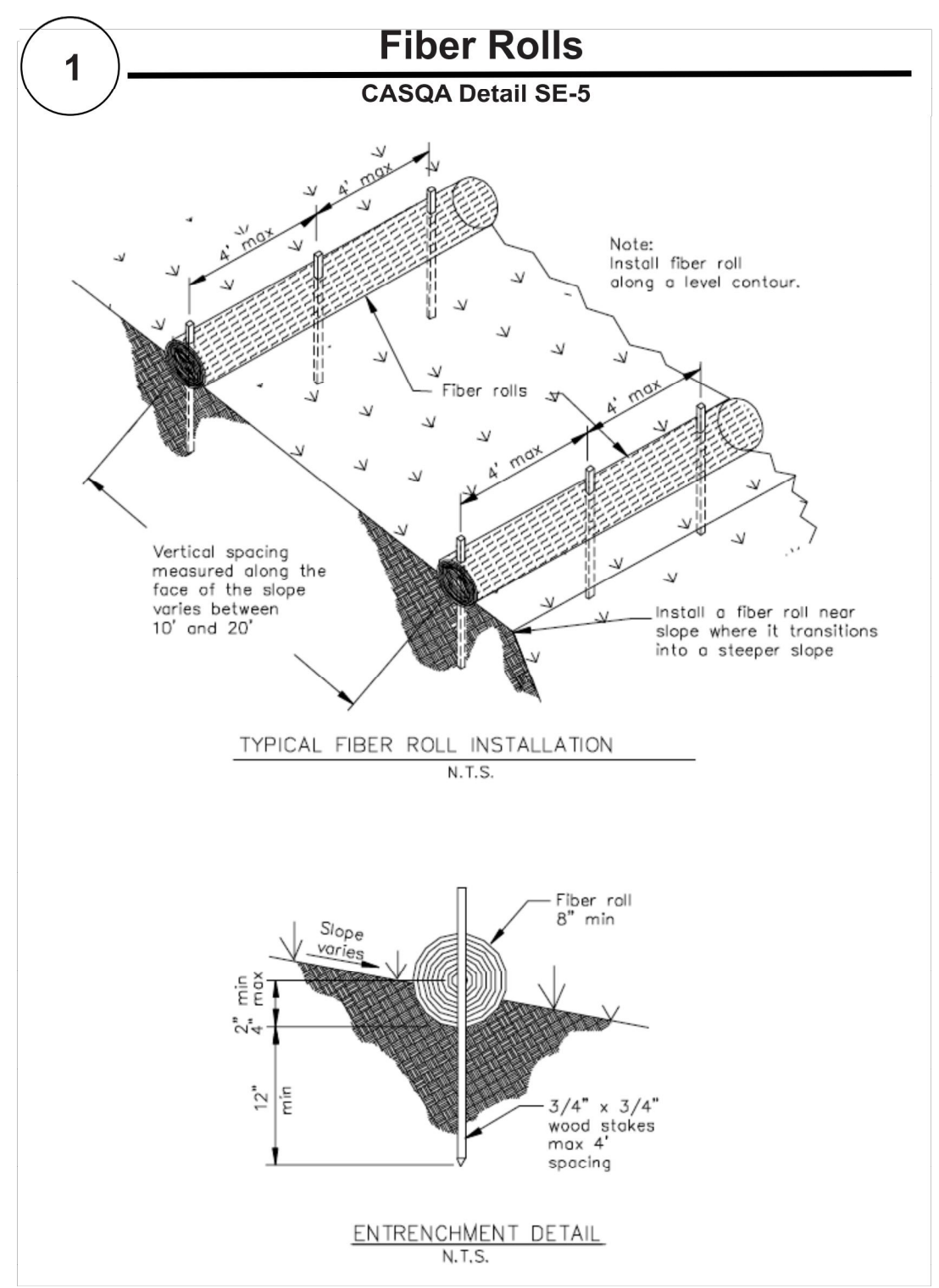
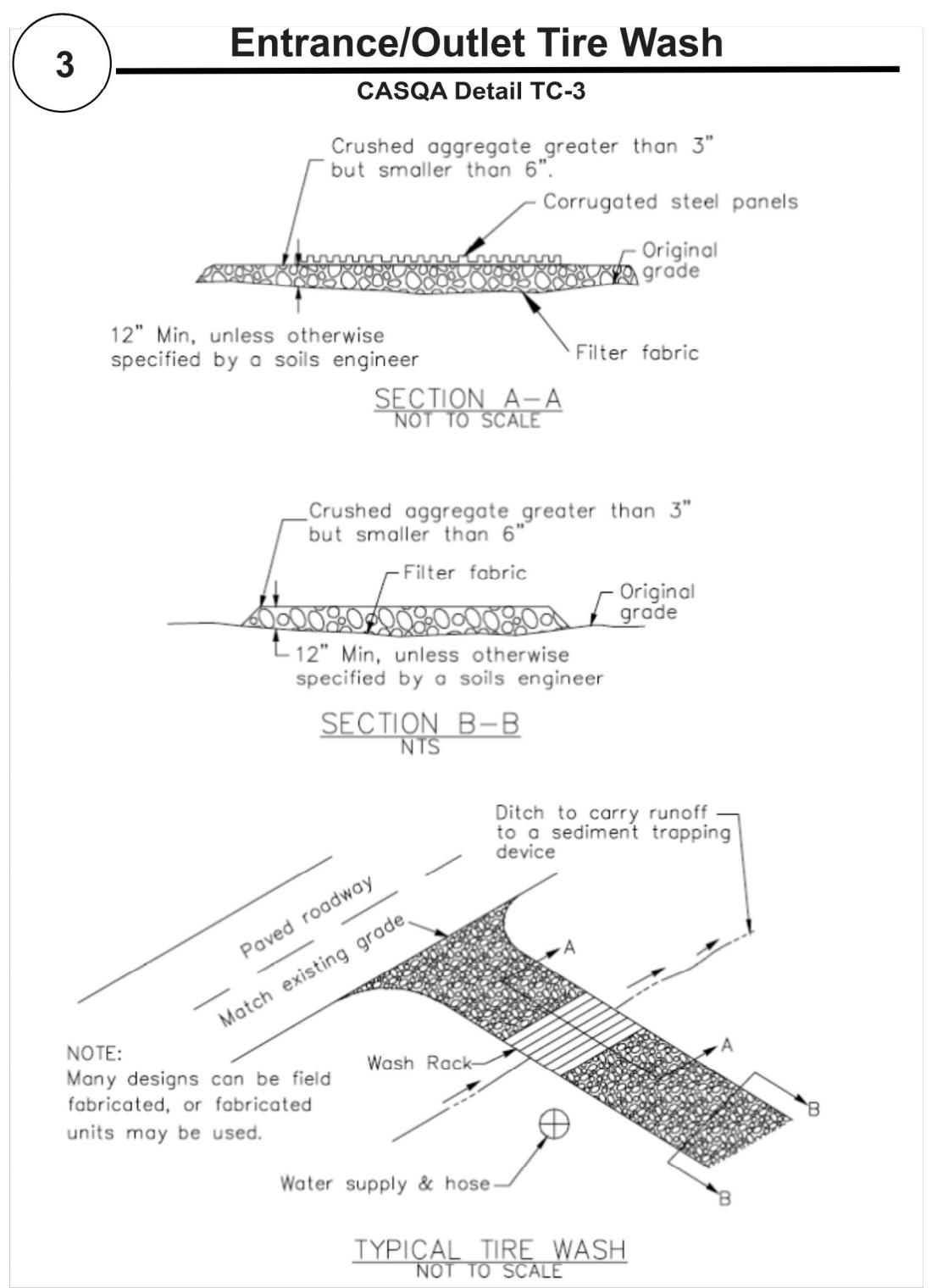
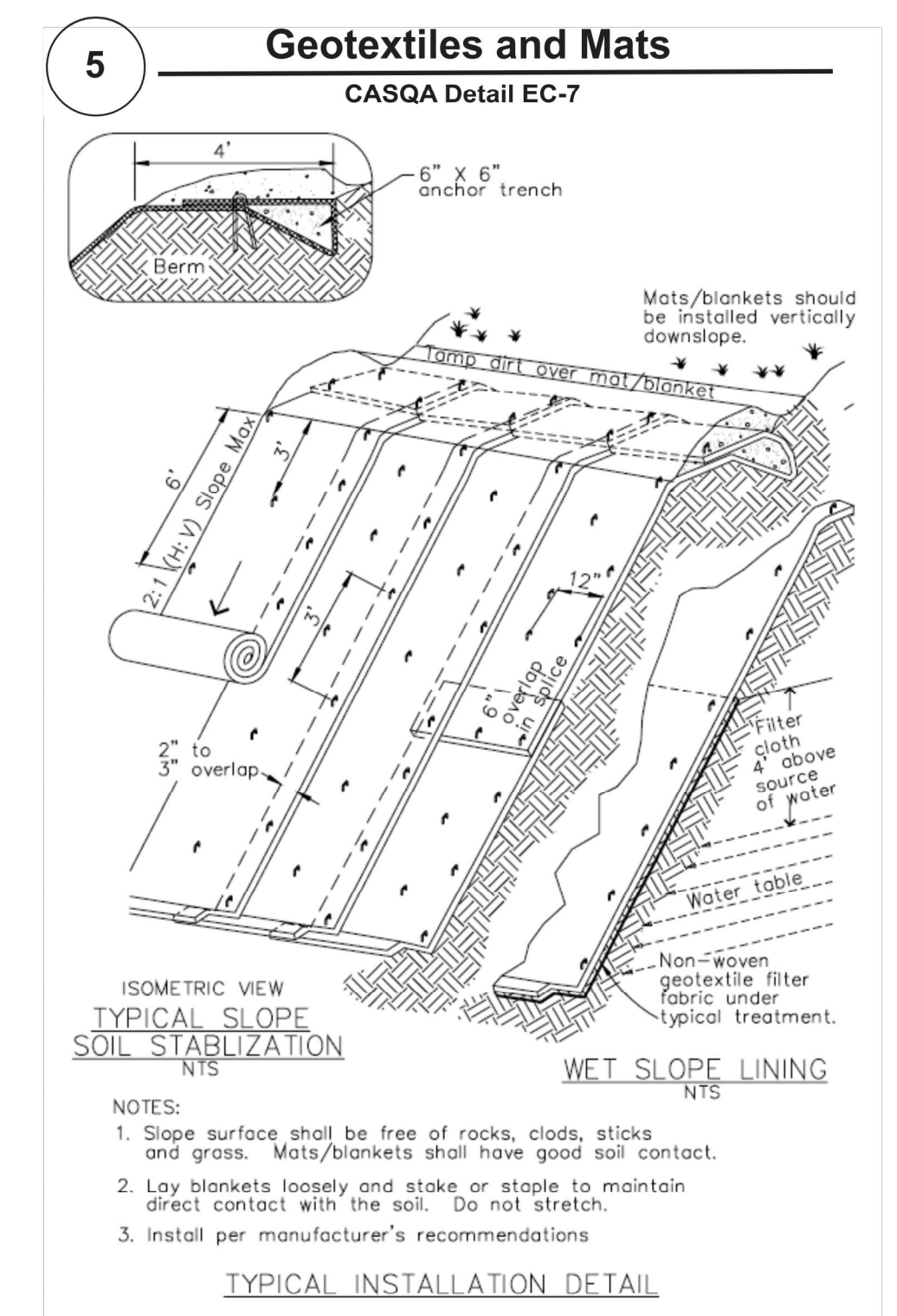
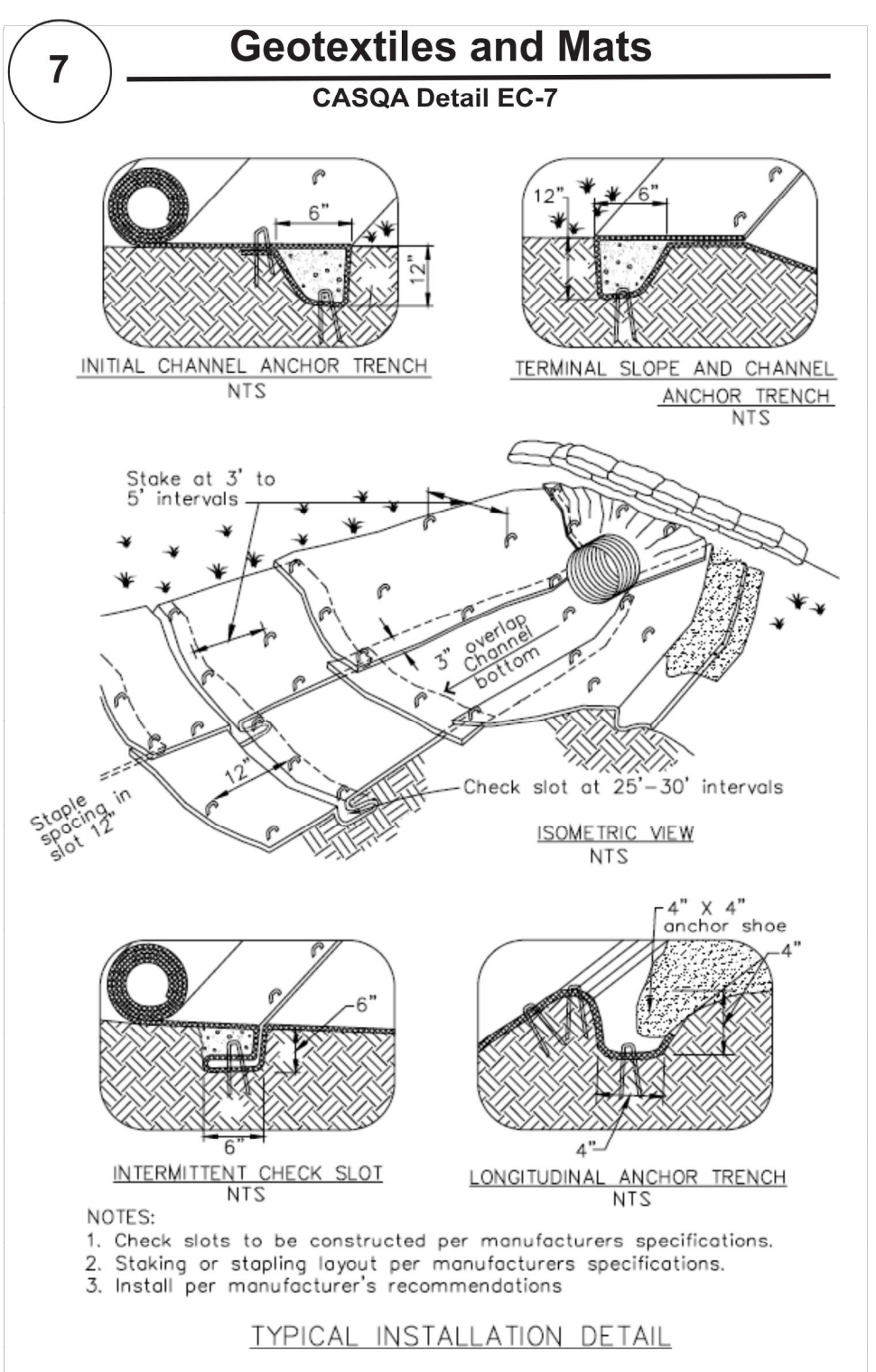
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CHECKED BY SR

SHEET

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Project Information

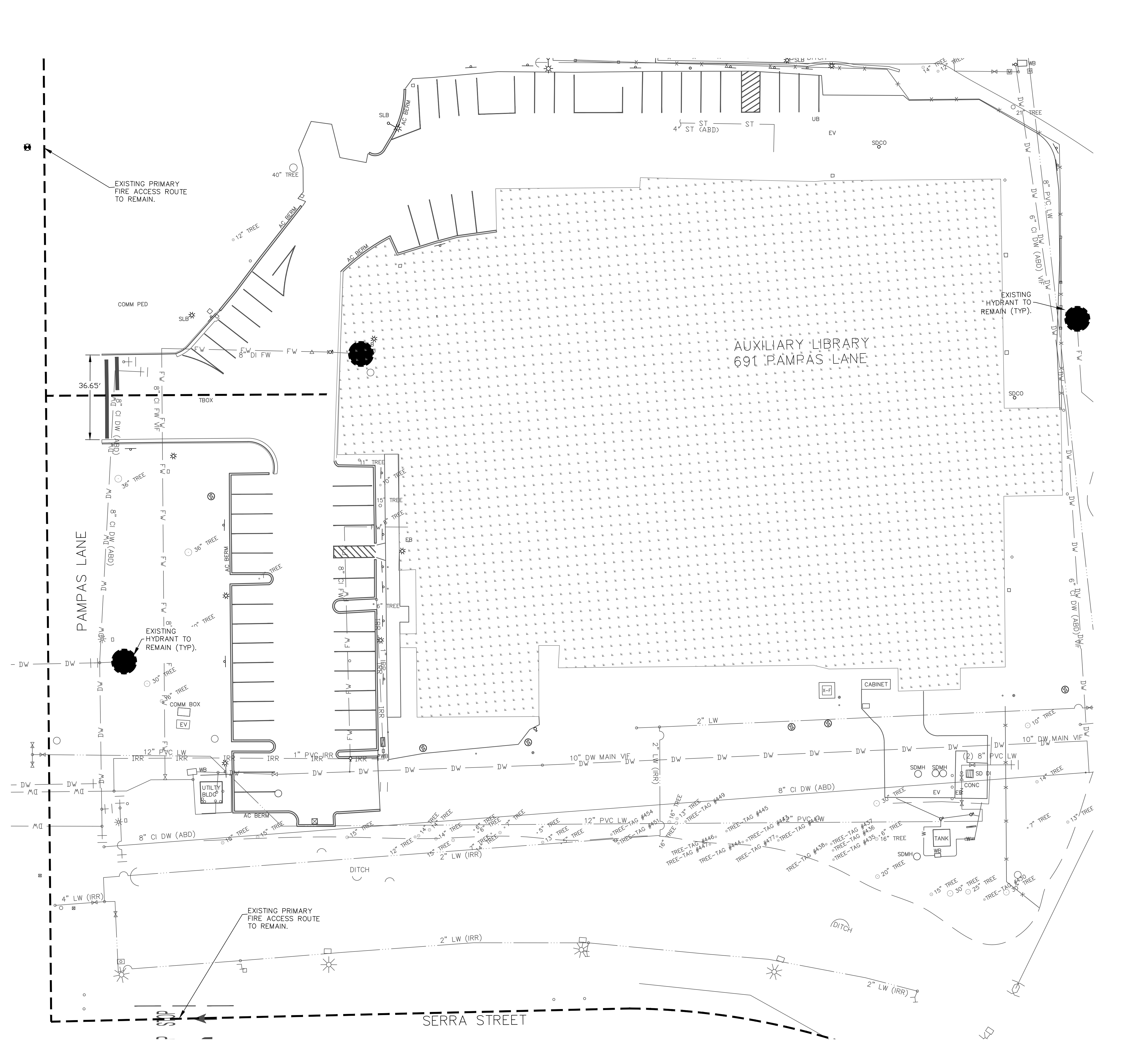
Best Management Practices and Erosion Control Details Sheet 2

County of Santa Clara





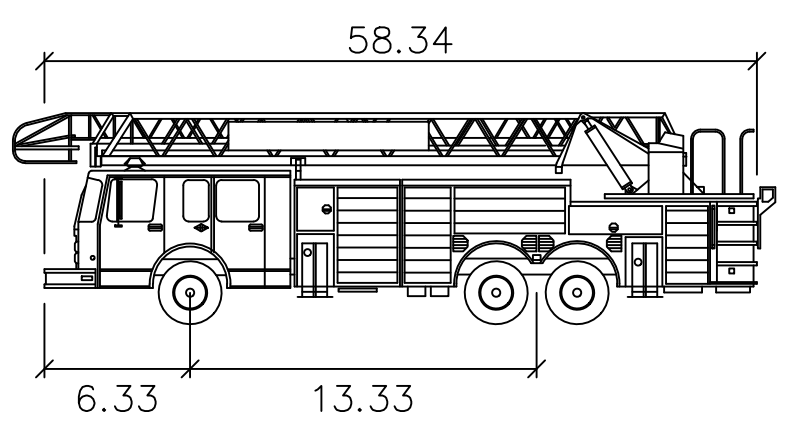
BMP-2

Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003. Available from www.cabmphandbooks.com.



LEGEND

-  EXISTING HYDRANT TO REMAIN. PROTECT IN PLACE. MAINTAIN AT LEAST 3' CLEARANCE AROUND ALL FIRE HYDRANTS.
-  EXISTING PRIMARY FIRE ACCESS ROUTE TO REMAIN.

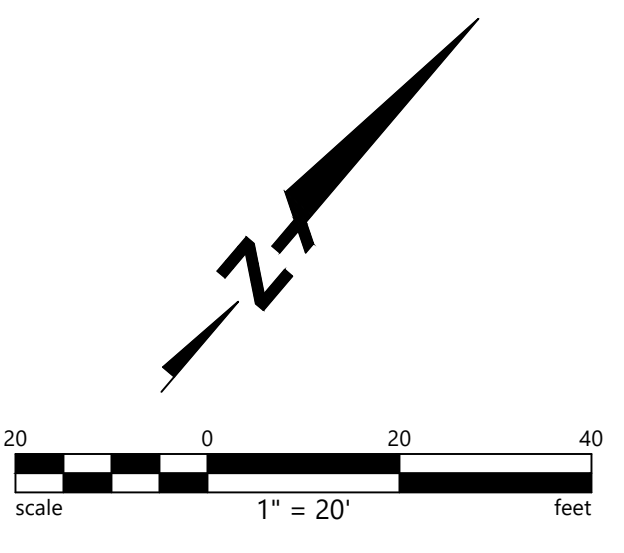


PAFD Ladder Truck 66
 feet
 Width : 8.00
 Track : 8.00
 Lock to Lock Time : 6.0
 Steering Angle : 45.0

NOT TO SCALE

GENERAL NOTES

1. THE EXISTING PRIMARY FIRE ACCESS ROUTE, INCLUDING DRIVE AISLE WIDTHS AND TURNING RADII, WILL BE MAINTAINED AFTER THE DEMOLITION OF THE STANFORD AUXILIARY LIBRARY.
2. SEE G020 SITE LOGISTICS PLAN FOR MORE INFORMATION ON CONSTRUCTION FENCING, KNOX BOX LOCATIONS, AND OTHER FIRE SAFETY INFORMATION DURING THE TEMPORARY CONSTRUCTION CONDITION.



STAMP

CONSULTANTS
BKF 7901 Stoneridge Drive,
 SUITE 360
 PLEASANTON, CA 94588
 (925) 396-7700
 www.bkf.com

△ MILESTONE	DATE
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GRADING PERMIT RESUBMITTAL #1	6/7/2024
GRADING PERMIT RESUBMITTAL #2	7/19/2024

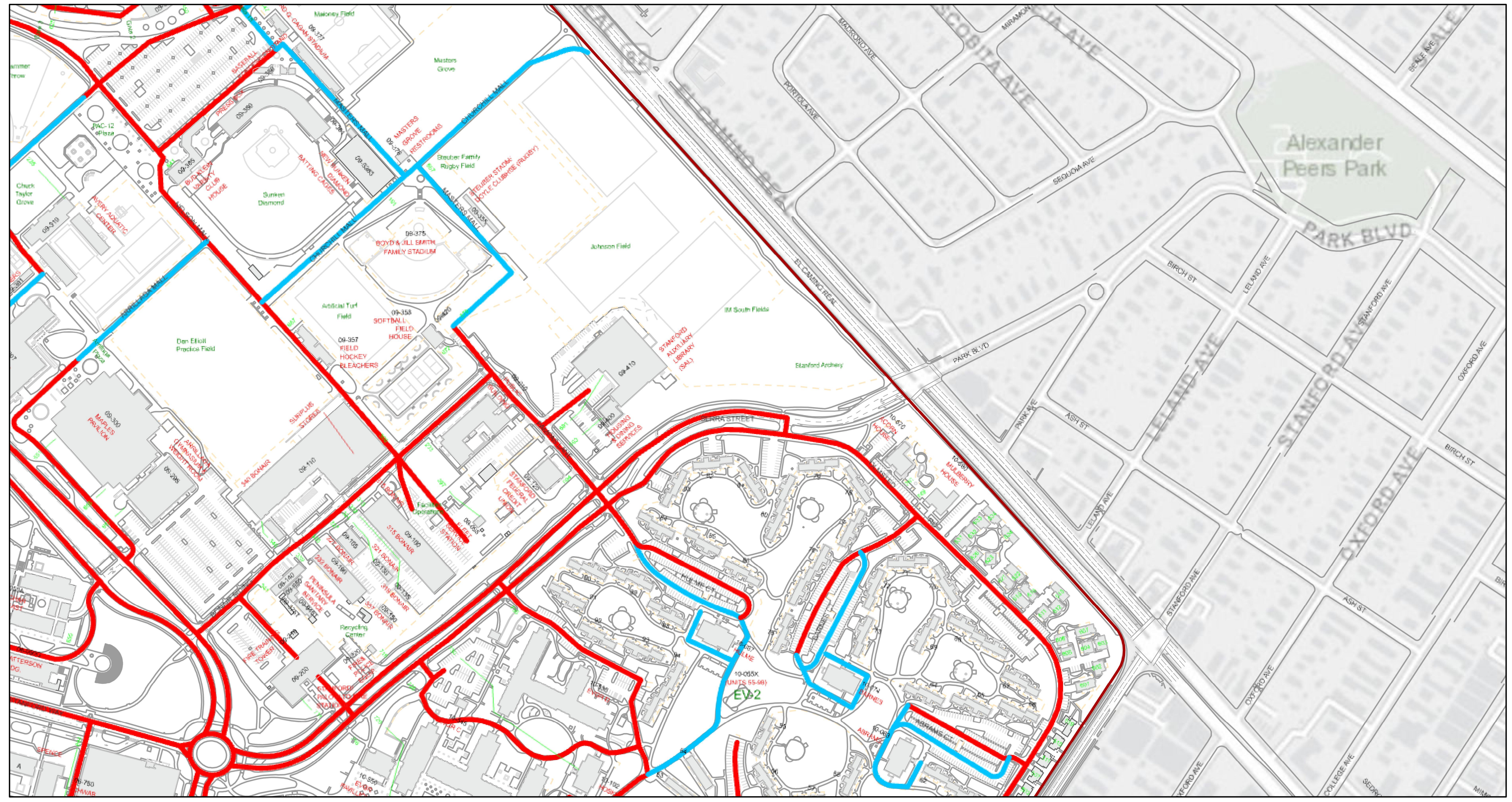
PROJECT NAME
 AUXILIARY LIBRARY 1&2
 STANFORD UNIVERSITY LIBRARIES
 SITE GRADING APPROVAL
 691 & 693 PAMPAS LANE
 STANFORD, CA 94305

SHEET TITLE
 FIRE ACCESS PLAN

PROJECT NO. 22024
 DRAWN BY NB
 CHECKED BY SR

SHEET
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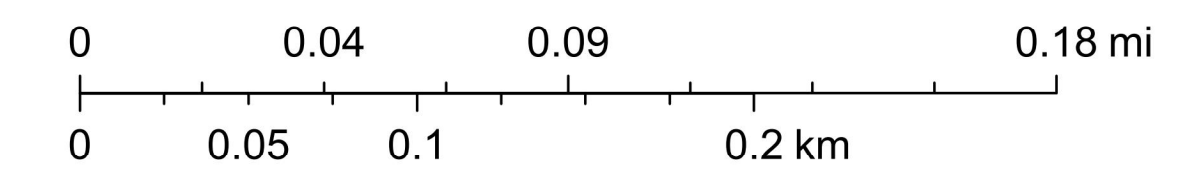
Stanford University - Operational Basemap



10/19/2023, 1:46:19 PM

- Stanford Buildings
- Secondary Access
- Primary Access
- Safety - Fire Access
- Fire Access Route
- Primary Access

1:4,514



Stanford University, County of San Mateo, California, County of Santa Clara, Bureau of Land Management, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA

Stanford University
Esri, HERE, Garmin, USGS, EPA, NPS | Stanford University |



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△ MILESTONE	DATE
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GRADING PERMIT RESUBMITTAL #2	7/19/2024

PROJECT NAME
AUXILIARY LIBRARY 1&2
STANFORD UNIVERSITY LIBRARIES
SITE GRADING APPROVAL
691 & 693 PAMPAS LANE
STANFORD, CA 94305

SHEET TITLE
STANFORD FIRE ACCESS ROUTES

PROJECT NO. 22024
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CHECKED BY SR

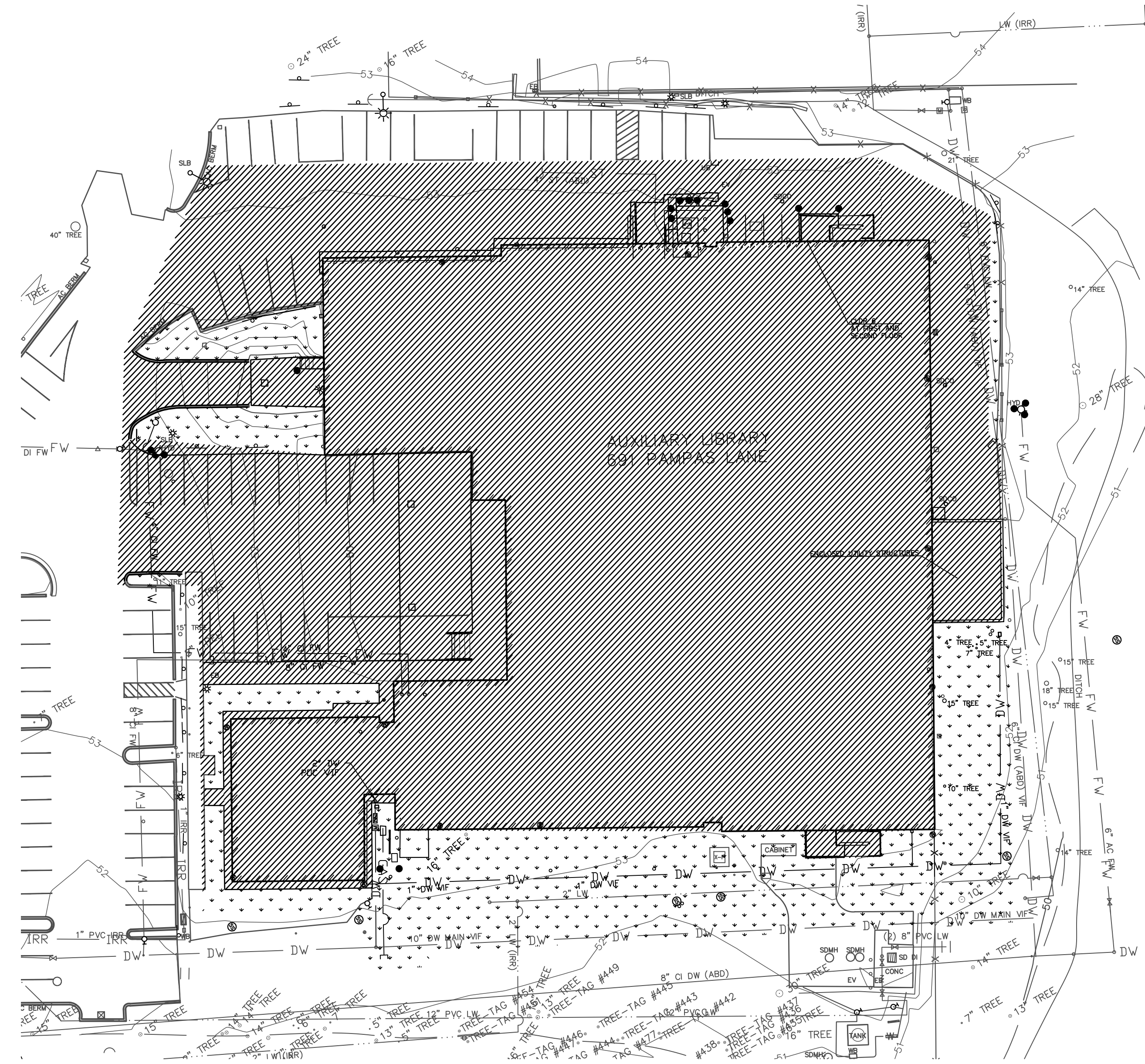
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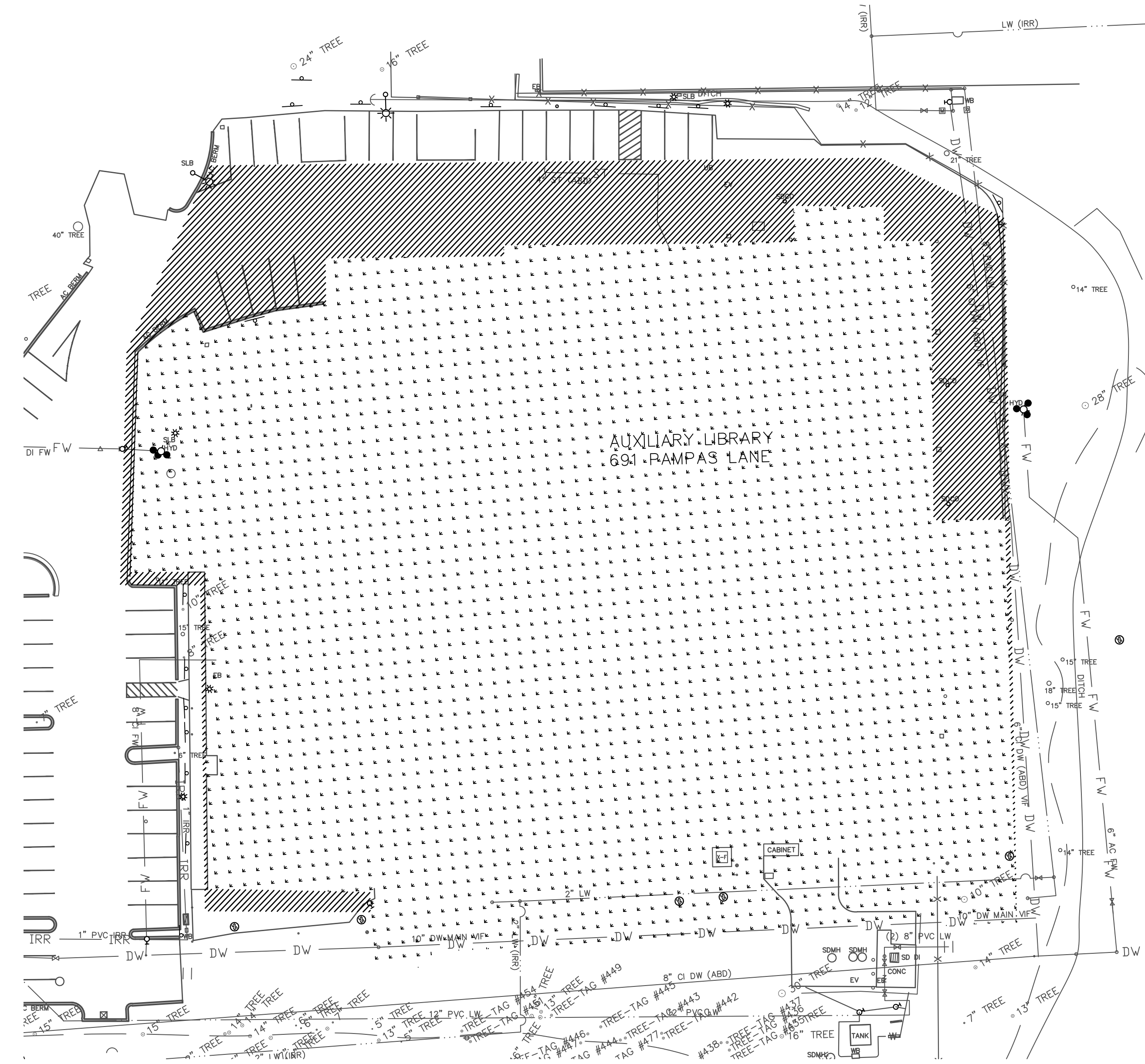


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GRADING PERMIT RESUBMITTAL #2	7/19/2024



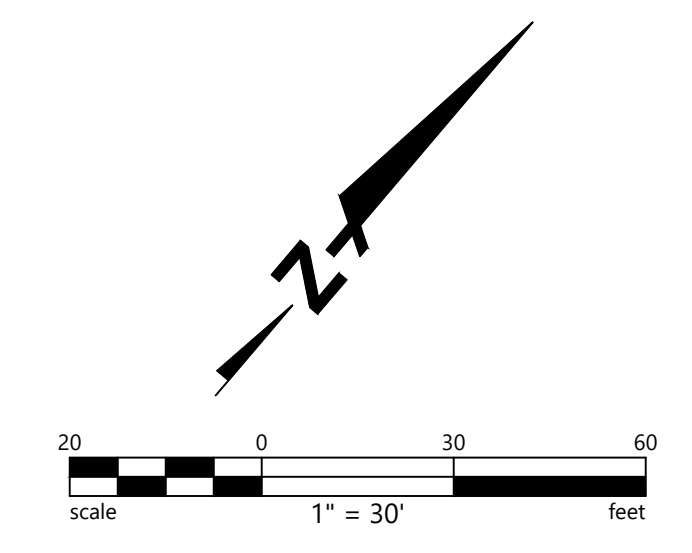
EXISTING IMPERVIOUS/PERVIOUS



PROPOSED IMPERVIOUS/PERVIOUS

LEGEND
 TOTAL SITE AREA: 82,926 SQ FT
 IMPERVIOUS 67,853 SQ FT
 PERVIOUS LANDSCAPE 15,073 SQ FT

LEGEND
 TOTAL SITE AREA: 82,926 SQ FT
 IMPERVIOUS 13,375 SQ FT
 PERVIOUS LANDSCAPE 69,551 SQ FT



Project Name: <u>Stanford Auxiliary Library</u>		Watershed: <u>Matadero Creek</u>			
PROJECT IMPERVIOUS AREA SUMMARY					
	Regulated Impervious ¹ (SF)	Unregulated Impervious ² (SF)		Pervious area	Total Project Area
		Vehicular	Non-Vehicular		
Existing	0	21,089	46,764	15,073	82,926
Proposed	0	13,375	0	69,551	82,926
As-built					

	Vehicular (SF)	Non-Vehicular (SF)
In-Lieu Credit Used ³ (SF)	0	0
As-Built		
In-Lieu Credit Used ³ (SF)		

NOTE: C.3 TREATMENT REQUIREMENTS FOR THIS PROJECT WILL BE ADDRESSED UTILIZING REGULATED CAPACITY PROVIDED BY THE FELT LAKE (EAST CAMPUS) STORMWATER CAPTURE SYSTEM (COUNTY FILE NOS 11044-17C3 AND AR23-0480)

PROJECT NAME
AUXILIARY LIBRARY 1&2
STANFORD UNIVERSITY LIBRARIES
 SITE GRADING APPROVAL
691 & 693 PAMPAS LANE
STANFORD, CA 94305

SHEET TITLE
STORMWATER
MANAGEMENT PLAN

PROJECT NO. 22024
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 CHECKED BY SR

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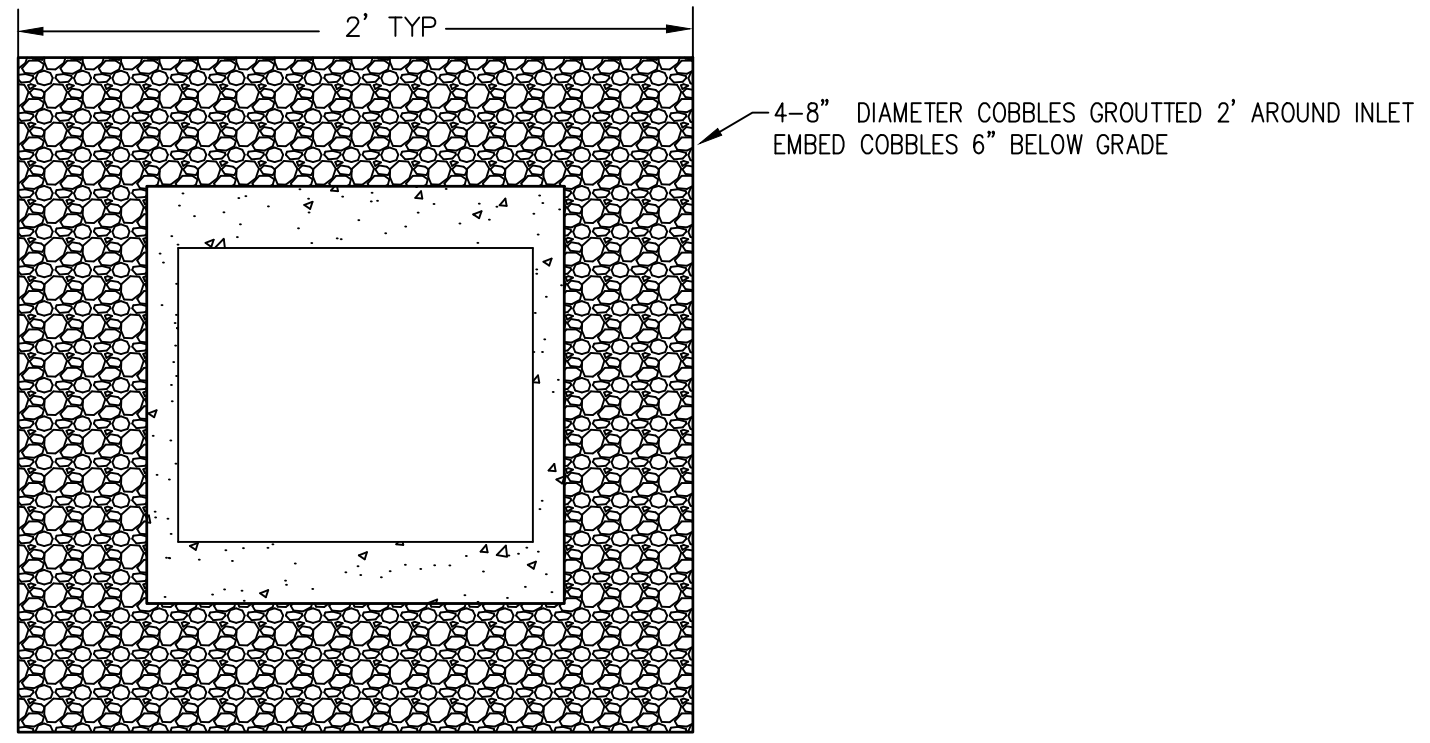
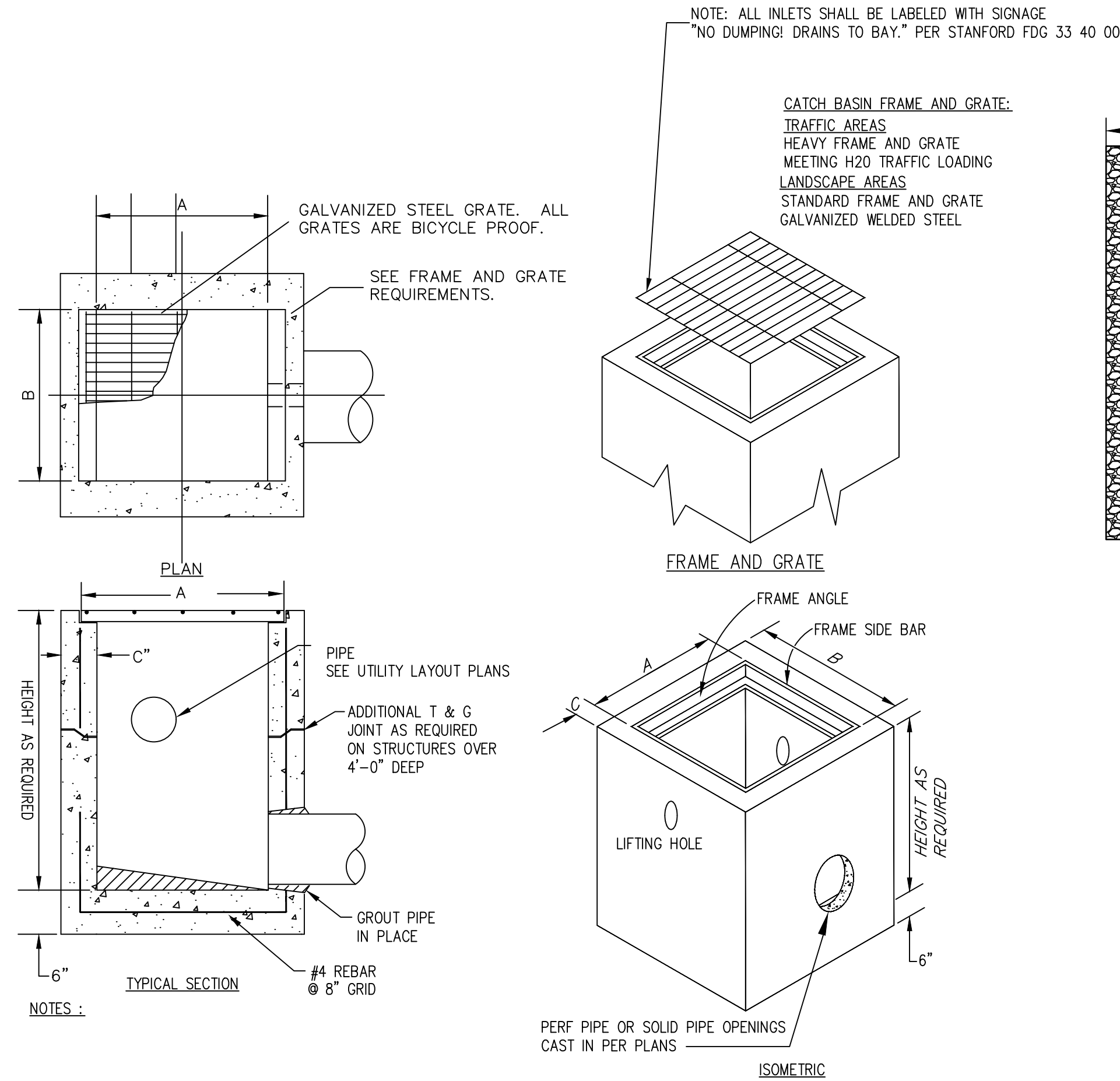
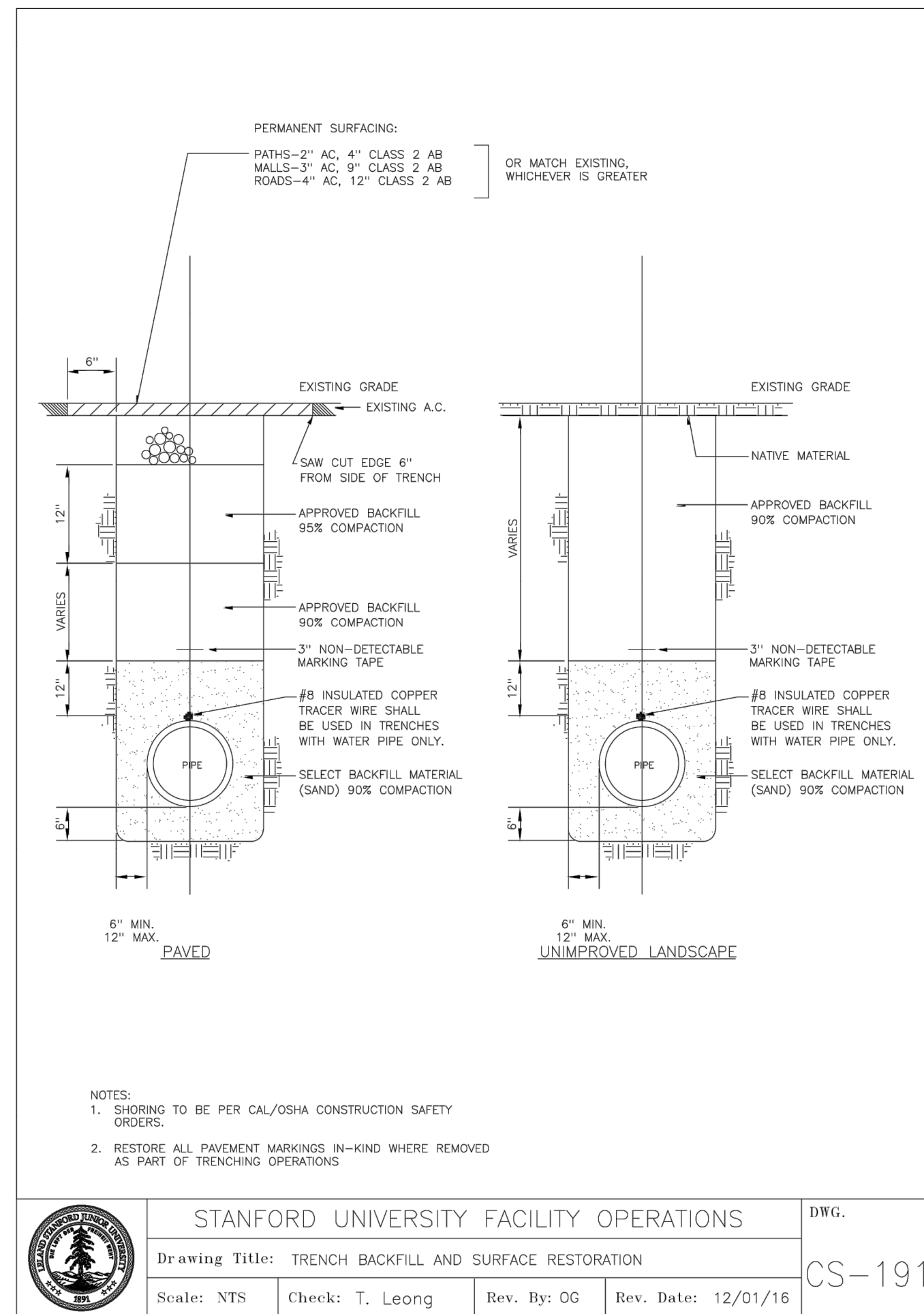
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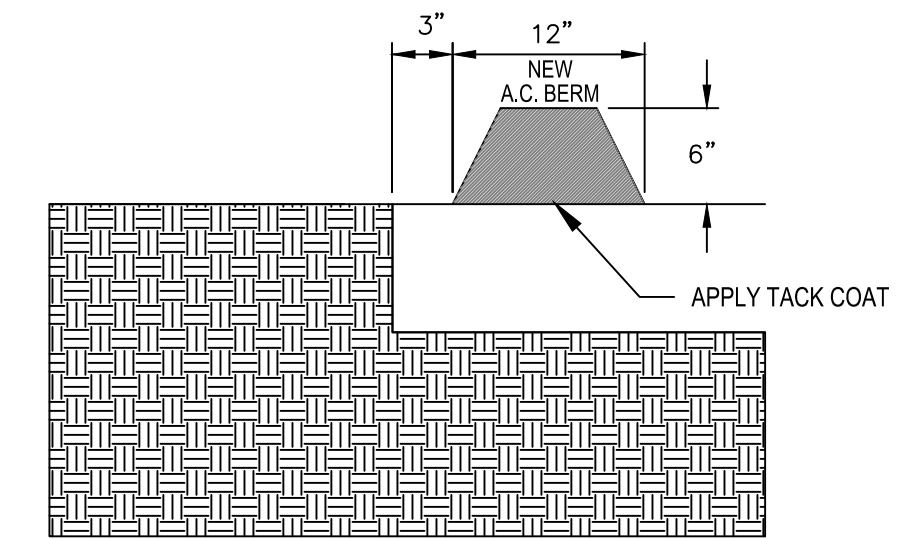
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COBBLE ENERGY DISSIPATION

FRAME, GRATES, AND COVERS
PRECAST INLET TABLE

INLET TYPE	MODEL	A	B	C	FRAME, GRATE AND COVER TYPE
12" CATCH BASIN	1K	12"	12"	4"	HEAVY FRAME AND GRATE IN TRAFFIC AREAS, STANDARD IN LANDSCAPE AREAS



AC BERM

N.T.S.

1

TRENCH AND BACKFILL

N.T.S.

2

PRECAST CATCH BASIN

N.T.S.

3

AC BERM

N.T.S.

PROJECT NAME

AUXILIARY LIBRARY 1&2

STANFORD UNIVERSITY LIBRARIES

SITE GRADING APPROVAL

691 & 693 PAMPAS LANE

STANFORD, CA 94305

SHEET TITLE

CIVIL DETAILS

PROJECT NO. 22024
DRAWN BY NB
CHECKED BY SR

SHEET

C9.00

Tree Assessment		Stanford Auxiliary Library Stanford, CA Updated May 2024		HORT SCIENCE BARTLETT CONSULTING						
Tree No.	Species	Canopy radius (ft.)				Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments	
		N	E	S	W					
60	Coast live oak	16	10	15	25	15	No	4	Moderate	Adjacent to building; one-sided; full healthy crown; codominant trunks arise from 10'; 5' planting strip; multiple attachments at 9'; crossing branches.
61	Chinese pistache	6	12	18	14	10	No	4	High	5' planting strip; multiple attachments at 9'; crossing branches.
62	African sumac	8	8	8	10	3	No	3	Low	Zigzag shaped trunk; significant epicormic growth; suppressed W; vigorous.
63	African sumac	15	12	20	18	18	No	3	Low	Codominant trunks arise from 6'; significant epicormic growth; crossing branches; vigorous; 5' planting strip.
64	African sumac	10	12	10	15	12	No	3	Low	Suppressed E; crown heavy W; trunk outside drip line; vigorous.
65	African sumac	11	12	8	12	8	No	3	Low	Suppressed NE; multiple wide attachments at 6'; crown heavy S; vigorous.
68	River red gum	40	40	15	15	40	No	3	Low	Codominant trunks arise from 10' with 2' seam; wide-spreading crown; small twig and branch dieback.
72	Manna gum	10	20	8	12	15	No	3	Moderate	Multiple stems at base; poor branch structure; vigorous.
73	Valley oak	14	20	20	25	25	No	5	High	Nice specimen tree.
74	River red gum	10	15	20	3	2	No	2	Low	Adjacent to building; trunk leans N at base; moderate twig and branch dieback.
75	River red gum	15	20	30	8	12	No	2	Low	Adjacent to building; trunk leans N at base; large sucker growth; small twig and branch dieback.
76	River red gum	7.5,4	10	15	25	12	No	2	Low	Multiple stems at base; 2 W stems fuse at 5'; sparse crown.
77	River red gum	15	25	40	25	20	No	2	Low	Codominant trunks at 2' with seam to base; crossing branches on E stem; moderate twig and branch dieback.
78	River red gum	18	15	25	45	30	No	3	Low	Codominant stems high in crown; stems cross 3' about union; small twig and branch dieback; vigorous.
79	River red gum	15	20	25	40	45	No	3	Low	Multiple stems at base; 2 W stems cross and fuse at 6'; vigorous wide-spreading crown.
80	River red gum	28	10	30	50	30	No	4	Moderate	Suppressed N; crown heavy S; small twig and branch dieback; vigorous.
91	River red gum	14	15	30	10	15	No	2	Low	Multiple attachments at 4'; suppressed; crown heavy W; history of branch failure; moderate twig and branch dieback.
92	River red gum	21	15	15	15	20	No	4	Moderate	Good upright form; vigorous; branch overhangs fence 12'.

SITE PLAN LEGEND

--- CONSTRUCTION SITE FENCE LINE

STAMP

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Division of The T.A. Bartlett Tree Expert Company

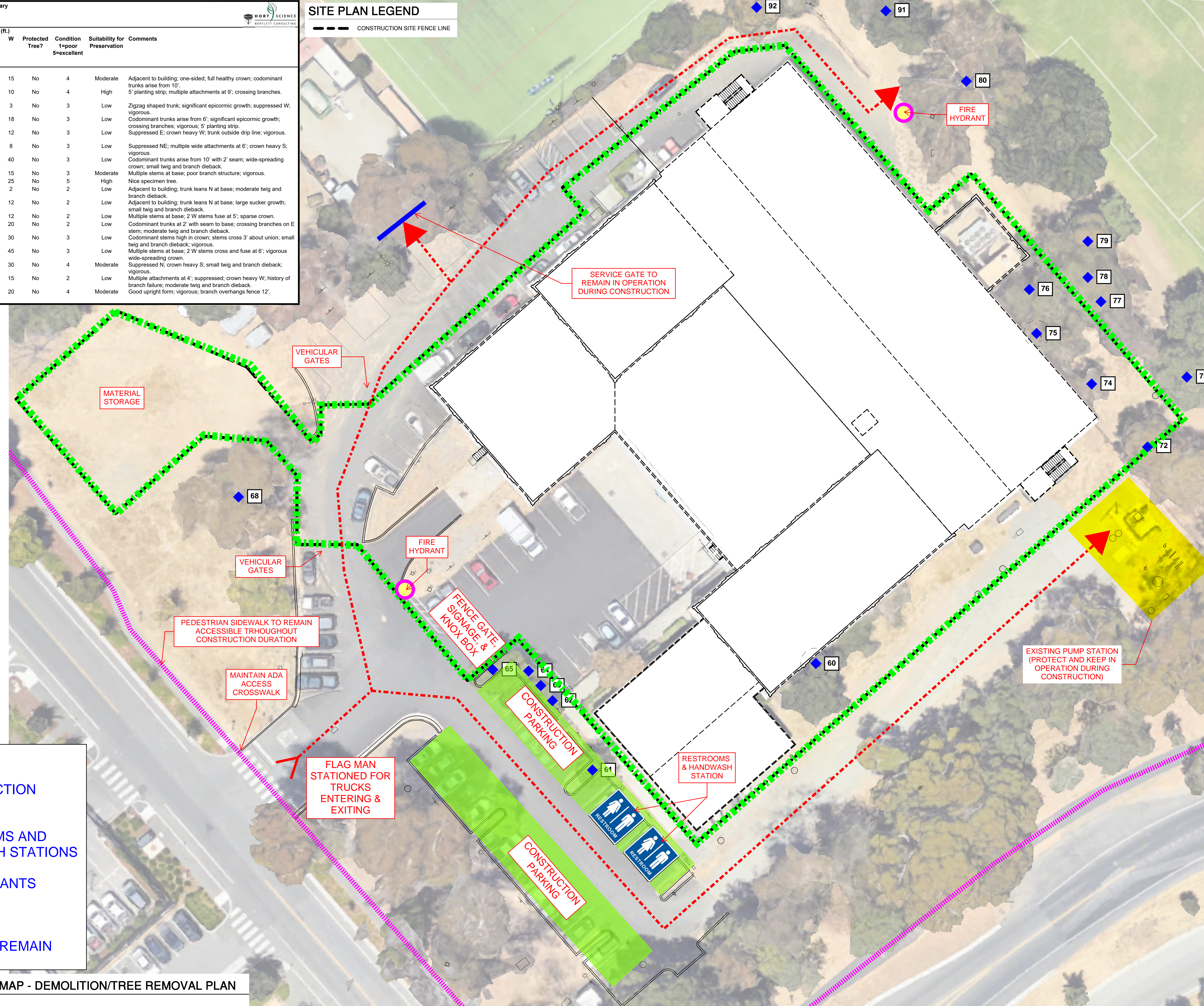
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PROJECT NAME
 AUXILIARY LIBRARY 1&2
 STANFORD UNIVERSITY LIBRARIES
 SITE GRADING APPROVAL
 691 & 693 PAMPAS LANE
 STANFORD, CA 94305

SHEET TITLE
 DEMOLITION/TREE REMOVAL
 PLAN

PROJECT NO. 22024
 DRAWN BY _____
 CHECKED BY _____

SHEET
 L0.10



- FENCE
- CONSTRUCTION PARKING
- RESTROOMS AND HANDWASH STATIONS
- FIRE HYDRANTS
- (E) TREE
- AREAS TO REMAIN

1 TREE ASSESSMENT MAP - DEMOLITION/TREE REMOVAL PLAN
 1" = 20'-0"