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Santa Ana College • Santiago Canyon College

REQUEST FOR PROPOSAL (RFP) #1819-224

JOHNSON STUDENT CENTER AT SANTA ANA COLLEGE

Addendum #1

Issued: September 5, 2018

Johnson Student Center –Increment 1 (Demolition) and Increment 2 (New Building)

DSA Appl. No 04-04-116810-1 (Increment 1)

DSA Appl. No. 04-116810-2 (Increment 2)

TO: PROSPECTIVE BIDDERS

This Addendum #1 forms a part of the Contract Documents and modifies the original Contract Plans and Specifications. Acknowledge receipt of this Addendum in spaces provided on the RFP Documents. Failure to acknowledge may subject Contractor to disqualification.

- **Specifications**
 - Increment 1:
 - i. Remove: Division 1 from specification book and refer to Increment 2 Division 1. Increment 2 Division 1 specifications are the master specifications for the entire project. Attached is a revised Table of Contents.
 - Increment 2:
 - i. Add: Specification 015723 – Temporary Storm Water Pollution Control
- **Sketches**
 - Increment 1:
 - i. SK1-1 and SK1-2 revised noise barriers layouts required for Alternates ALT A and ALT B.
- **Drawings**

Civil:

 - Increment 1
 - i. C1.0-D revised surrounding existing hardscape.
 - ii. C2.0-D revised surrounding existing hardscape.

End of Addendum 1

SANTA ANA COLLEGE
JOHNSON STUDENT CENTER Increment 1

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SECTION 015723
TEMPORARY STORM WATER POLLUTION CONTROL

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Installation of Storm Water Pollution Prevention Plan (SWPPP) measures as per plans, specifications and the project SWPPP document for the purpose of preventing the discharge of pollutants from the construction site.
- B. Compliance with local, state, and federal regulations.

1.2 REFERENCES

- A. California Storm Water Best Management Practice Handbook for Construction Activity (BMP Handbook)
- B. Construction General Permit (CGP) Order No. 2009-009-DWQ

1.3 SUBMITTAL REQUIREMENTS

- A. Product Data: Provide product catalog cut sheets of all temporary and permanent equipment and specialty items that will be provided to comply with the SWPPP, including items necessary for storage, disposal and recycling.
- B. Shop Drawings: Provide site plan indicating construction staging, storage, refuse areas and vehicular routing and parking areas.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Use materials of a class, grade and type needed to meet the performance described in the BMP Handbook and project SWPPP document.

PART 3 EXECUTION

3.1 QUALIFIED SWPPP DEVELOPER (QSD)

- A. The owner shall designate a Qualified SWPPP Developer (QSD) having registrations, certifications and appropriate experience as defined by the State of California Construction General Permit (CGP) Order No. 2009-009-DWQ to perform the following:
 - 1. Prepare, certify and amend as required the project SWPPP document.
 - 2. Assist the owner in obtaining permit coverage prior to the commencement of construction activity through filing of Permit Registration Document (PRDs) on the Storm Water Multiple Application and Report Tracking System (SMARTS).
 - 3. Assist the owner in filing the Notice of Termination (NOT) when construction is complete and final stabilization has been reached.

3.2 QUALIFIED SWPPP PRACTITIONER (QSP)

- A. The Contractor shall designate a Qualified SWPPP Practitioner (QSP) having registrations, certifications and appropriate experience as defined by the State of California Construction General Permit (CGP) Order No. 2009-009-DWQ to perform the following:
 - 1. Conduct storm water and non-storm water visual inspections of Best Management Practice's (BMP) and prepare documentation as prescribed by the CGP according to the risk level and project type.

2. Identifying BMP failures or shortcomings and provide an action plan to correct the deficiencies.
3. Conduct discharge monitoring as prescribed by the CGP for pH, turbidity, and non-visible pollutant monitoring, according to the project risk level and project type.
4. Develop a Rain Event Action Plan (REAP) for Risk Level 2 and 3 projects for qualifying rain events.
5. Conduct pre-storm event visual inspections for qualifying rain events.
6. Implement a Construction Site Monitoring Program (CSMP).
7. Track weather forecasts from the National Oceanic and Atmospheric Administration (NOAA) in accordance with Permit requirements.
8. Complete applicable monitoring, sampling, and inspection logs, forms and documents for filing to the Storm Water Multiple Application and Report Tracking System (SMARTS).
9. Report Numeric Action Level (NAL) exceedances to SMARTS for Risk Level 2 and 3 projects.
10. Provide assistance to the owner with annual reporting requirements.

3.3 PERFORMANCE BY CONTRACTOR

A. General

1. Keep the original SWPPP document in a readily accessible location at the construction site from the commencement of construction activity until submission of the Notice of Termination (NOT) for storm water discharges associated with construction activity. Contractors with day to day operation control over SWPPP implementation shall have the original SWPPP document available at a central location, on-site, for the use of all operators and those identified as having responsibility under the SWPPP.
2. Review the SWPPP. Ensure that all key personnel understand the requirements of the SWPPP.
3. Provide to the QSD, names of all key subcontractors involved in earthwork/land disturbing activities.

B. Good Site Management "Housekeeping"

1. For projects designated as Risk Level 1 and above, implement good site management (i.e., "housekeeping") measures for construction materials that could potentially be a threat to water quality if discharged. At a minimum, the contractor shall implement the following good housekeeping measures:
 - a. Conduct an inventory of the products used and/or expected to be used and the end products that are produced and/or expected to be produced. This does not include materials and equipment that are designed to be outdoors and exposed to environmental conditions (i.e. poles, equipment pads, cabinets, conductors, insulators, bricks, etc.).
 - b. Cover and berm loose stockpiled construction materials that are not actively being used (i.e. soil, spoils, aggregate, fly-ash, stucco, hydrated lime, etc.).
 - c. Store chemicals in watertight containers (with appropriate secondary containment to prevent any spillage or leakage) or in a storage shed (completely enclosed).
 - d. Minimize exposure of construction materials to precipitation. This does not include materials and equipment that are designed to be outdoors and exposed to environmental conditions (i.e. poles, equipment pads, cabinets, conductors, insulators, bricks, etc.).
 - e. Implement Best Management Practices to prevent the off-site tracking of loose construction and landscape materials.
2. For projects designated as Risk Level 1 and above, implement good housekeeping measures for waste management, which, at a minimum, shall consist of the following:
 - a. Prevent disposal of any rinse or wash waters or materials on impervious or pervious site surfaces or into the storm drain system.
 - b. Ensure the containment of sanitation facilities (e.g., portable toilets) to prevent discharges of pollutants to the storm water drainage system or receiving water.
 - c. Clean or replace sanitation facilities and inspect them regularly for leaks and spills.
 - d. Cover waste disposal containers at the end of every business day and during a rain event.
 - e. Prevent discharges from waste disposal containers to the storm water drainage system or receiving water.
 - f. Contain and securely protect stockpiled waste material from wind and rain at all times unless actively being used.
 - g. Implement procedures that effectively address hazardous and non-hazardous spills.

- 1) Equipment and materials for cleanup of spills shall be available on site. Spills and leaks shall be cleaned up immediately and disposed of properly.
 - 2) Appropriate spill response personnel shall be assigned and trained.
 - 3) Ensure the containment of concrete washout areas and other washout areas that may contain additional pollutants so there is no discharge into the underlying soil and onto the surrounding areas.
3. For projects designated as Risk Level 1 and above, implement good housekeeping for vehicle storage and maintenance, which, at a minimum, shall consist of the following:
 - a. Prevent oil, grease, or fuel to leak in to the ground, storm drains or surfacewaters.
 - b. Place all equipment or vehicles, which are to be fueled, maintained and stored in a designated area fitted with appropriate Best Management Practices.
 - c. Clean leaks immediately and dispose of leaked materials properly.
 4. For projects designated as Risk Level 1 and above, implement good housekeeping for landscape materials, which, at a minimum, shall consist of the following:
 - a. Contain stockpiled materials such as mulches and topsoil when they are not actively being used.
 - b. Contain all fertilizers and other landscape materials when they are not actively being used.
 - c. Discontinue the application of any erodible landscape material within two days before a forecasted rain event or during periods of precipitation.
 - d. Apply erodible landscape material at quantities and application rates according to manufacture recommendations or based on written specifications by knowledgeable and experienced field personnel.
 - e. Stack erodible landscape material on pallets and cover or store such materials when not being used or applied.
 5. Maintain an inventory of materials in association with the Material Safety Data Sheet(MSDS) per OSHA requirements. Provide to QSP upon request.
 6. For projects designated as Risk Level 1 and above, implement good housekeeping measures on the construction site to control the air deposition of site materials and from site operations. Such particulates can include, but are not limited to, sediment, nutrients, trash, metals, bacteria, oil and grease and organics.
 7. For projects designated as Risk Level 2 or 3, implement the Rain Event Action Plan (REAP) as directed by the QSP.
 8. For projects designated as Risk Level 1 and above, begin implementing repairs or changes to BMPs within 72 hours of identification as directed by the QSP and complete the changes as soon as possible.
- C. Non-Storm Water Management
1. For projects designated as Risk Level 1 and above, implement measures to control all non- storm water discharges during construction.
 2. For projects designated as Risk Level 1 and above, wash vehicles in such a manner as to prevent non-storm water discharges.
 3. For projects designated as Risk Level 1 and above, clean streets in such a manner as to prevent unauthorized non-storm water discharges.
- D. Erosion Control
1. For projects designated as Risk Level 1 and above, implement effective wind erosion control.
 2. For projects designated as Risk Level 1 and above, provide effective soil cover for inactive areas and all finished slopes, open space, utility backfill, and completed lots.
 3. For projects designated as Risk Level 1 and above, limit the use of plastic materials when more sustainable, environmentally friendly alternatives exist. Where plastic materials are deemed necessary, the discharger shall consider the use of plastic materials resistant to solar degradation.
- E. Sediment Controls
1. For projects designated as Risk Level 1 and above, establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from the site.

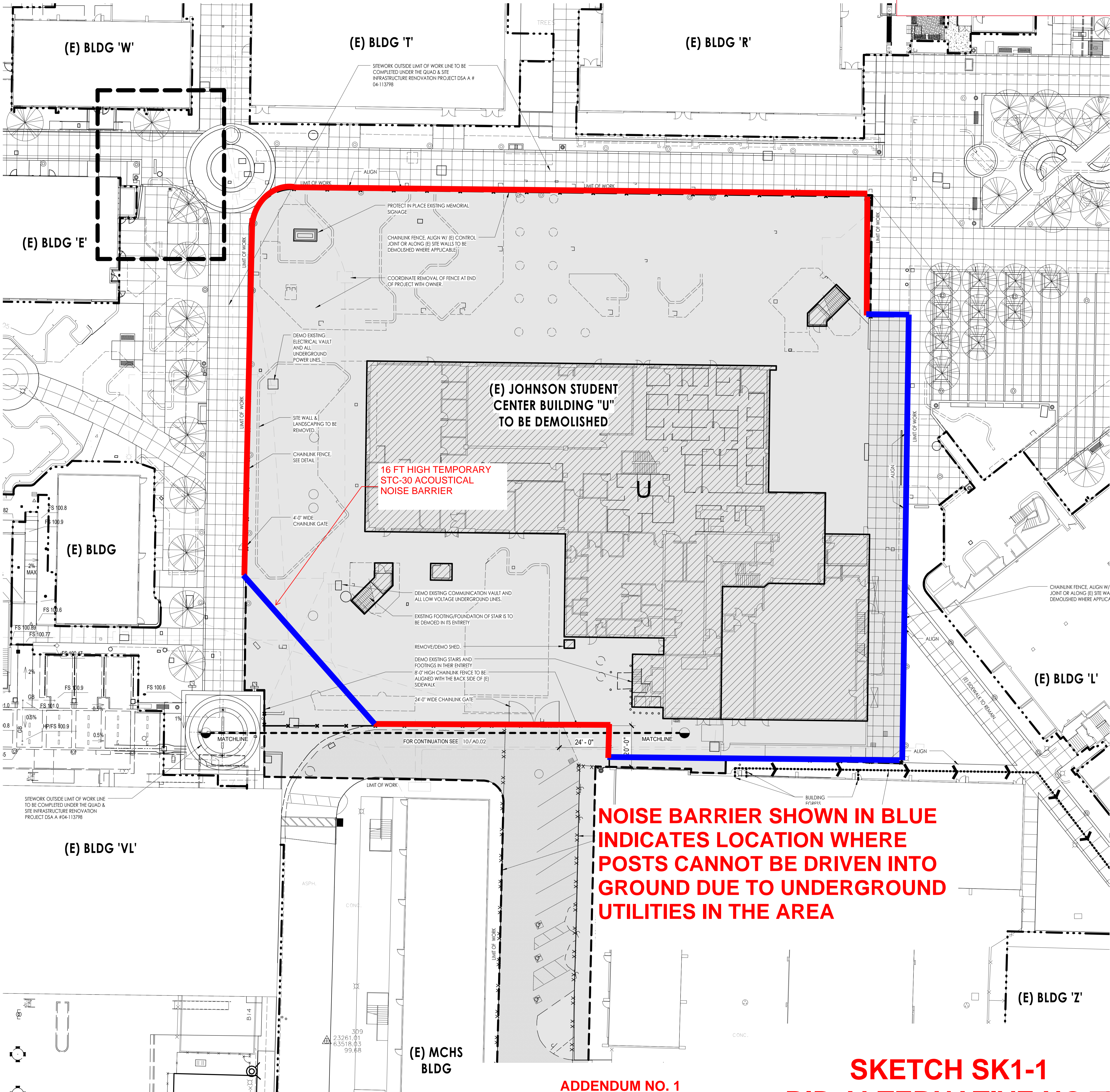
2. For projects designated as Risk Level 1 and above, on sites where sediment basins are to be used, at minimum, install and maintain sediment basins according to the method provided in CASQA's Construction BMP Guidance Handbook.
3. For projects designated as Risk Level 2 or 3, implement appropriate erosion control Best Management Practices (runoff control and soil stabilization) in conjunction with sediment control Best Management Practices for areas under active construction. Active areas of construction are areas undergoing land surface disturbances.
4. For projects designated as Risk Level 2 or 3, install linear sediment controls along the toe of the slope, face of the slope, and at the grade breaks of exposed slopes to comply with sheet flow lengths in accordance with Table 1.

Table 1 – Critical Slope/Sheet Flow Length Combinations

Slope Percentage	Sheet Flow Length Not to Exceed
0-25%	20 feet
25-50%	15 feet
Over 50%	10 feet

5. For projects designated as Risk Level 2 or 3, ensure that construction activity traffic to and from the project is limited to entrances and exits that employ effective controls to prevent offsite tracking of sediment.
 6. For projects designated as Risk Level 2 or 3, ensure that all storm drain inlets and perimeter controls, runoff control Best Management Practices, and pollutant controls at entrances and exits (e.g. tire washoff locations) are maintained and protected from activities that reduce their effectiveness.
 7. For projects designated as Risk Level 2 or 3, inspect on a daily basis all immediate access roads daily. At a minimum daily (when necessary) and prior to any rain event, remove any sediment or other construction activity related materials that are deposited on the roads (by vacuuming or sweeping).
- F. Run-on and Run-off Controls
1. For projects designated as Risk Level 1 and above, effectively manage all run-on, all runoff within the site and all runoff that discharges off the site. Run-on from offsite shall be directed away from all disturbed areas or shall collectively be in compliance with the effluent limitations in this General Permit.

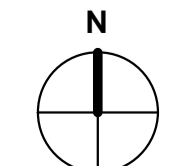
END OF SECTION

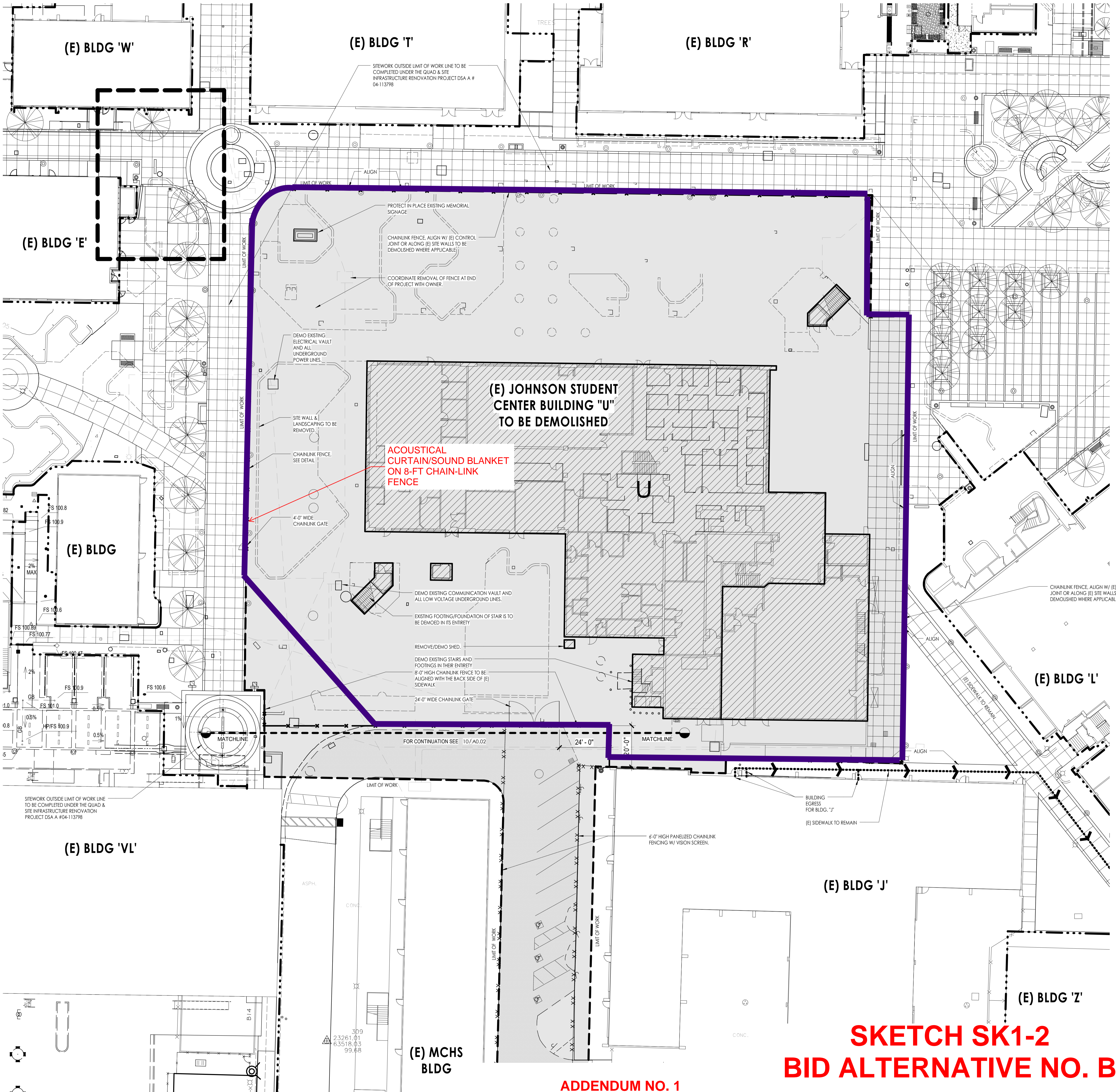


(E) JOHNSON STUDENT CENTER BUILDING "U" TO BE DEMOLISHED

16 FT HIGH TEMPORARY STC-30 ACOUSTICAL NOISE BARRIER

NOISE BARRIER SHOWN IN BLUE INDICATES LOCATION WHERE POSTS CANNOT BE DRIVEN INTO GROUND DUE TO UNDERGROUND UTILITIES IN THE AREA



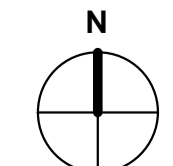


(E) JOHNSON STUDENT CENTER BUILDING "U" TO BE DEMOLISHED

ACOUSTICAL CURTAIN/SOUND BLANKET ON 8-FT CHAIN-LINK FENCE

**SKETCH SK1-2
BID ALTERNATIVE NO. B**

**ADDENDUM NO. 1
ATTACHMENT AD-1-2**



**Addendum # 1 Increment 1
Plans C1.0 and C2.0**

GENERAL NOTES:

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

THE CONTRACTOR SHALL:

- OBTAIN RELEVANT PERMITS AND APPROVALS REQUIRED BY GOVERNING AGENCIES PRIOR TO COMMENCING WORK.
- ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION FOR THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT APPLIES CONTINUOUSLY, AND IS NOT LIMITED TO NORMAL WORKING HOURS.
- PROVIDE A PROPERLY SIGNED ALTERNATE ACCESSIBLE ROUTE OF TRAVEL IF CONSTRUCTION ACTIVITIES IMPACT PEDESTRIAN ACCESS. THIS REQUIREMENT APPLIES CONTINUOUSLY, AND IS NOT LIMITED TO NORMAL WORKING HOURS.
- REPAIR DAMAGE TO FACILITIES OCCURRING AS A RESULT OF DEMOLITION ACTIVITIES TO RETURN THEM TO THEIR CONDITION PRIOR TO CONSTRUCTION. IF THE CONTRACTOR DOES NOT ACT PRUDENTLY, RSCCD MAY, AT ITS DISCRETION, PERFORM THE CORRECTION AND CHARGE THE CONTRACTOR FOR COSTS INCURRED.
- PROVIDE RECORD DRAWINGS TO THE OWNER'S REPRESENTATIVE, WHICH INCLUDES IMPROVEMENTS THAT DEViate FROM IMPROVEMENTS SHOWN ON THE ORIGINAL DESIGN DRAWINGS.

THE CONTRACTOR SHALL NOT IMPEDE DRAINAGE FROM EXISTING UPSTREAM PROPERTIES. THE CONTRACTOR SHALL PLACE STOCKPILES AWAY FROM VEGETATION DESIGNATED TO REMAIN.

SEWER DEMOLITION NOTES

- CONTRACTOR TO REMOVE EXISTING SEWER MAIN WITHIN BUILDING "U" IN ITS ENTIRETY.

ELECTRICAL NOTES

- CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN REMOVING PILE CAPS AND PILES IN THIS AREA. PILE AND PILE CAPS ARE IN VERY CLOSE PROXIMITY TO A HIGH VOLTAGE ELECTRICAL DUCTBANK THAT SERVES SEVERAL BUILDINGS ON CAMPUS.

DEMOLITION NOTES:

- CONTRACTOR TO REMOVE ALL UNDERGROUND UTILITIES AND STRUCTURES THAT ARE IN THE FOOTPRINT OF THE NEW BUILDING, PLUS TEN FEET OF OVER-EXCAVATION. REFER TO INCREMENT 2 FOR FOOTPRINT OF NEW BUILDING AND ALL EXTERIOR SITE STRUCTURES.
- UTILITIES SHOWN ON THIS PLAN ARE DERIVED FROM RECORD DATA, SURFACE OBSERVATION, AND FIELD SURVEY. ACTUAL LOCATIONS AND SIZE, TOGETHER WITH THE PRESENCE OF ANY ADDITIONAL UTILITIES NOT SHOWN ON THIS PLAN, SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING DEMOLITION ACTIVITIES.
- PROTECT ALL OFFSITE FEATURES NOT EXPRESSLY NOTED FOR DEMOLITION OR IMPROVEMENT ON THIS PLAN.
- CONTRACTOR TO PROTECT ALL GRAVEL BAGS AND PERIMETER FENCE DURING AND AT THE COMPLETION OF DEMOLITION OF PILE CAPS, PILES, AND GRADE BEAMS.
- ALL EXISTING UNDERGROUND STORM DRAIN PIPING AND UNDERGROUND DOMESTIC WATER, FIRE WATER, AND MAIN IRRIGATION PIPING ARE TRANSITE PIPING THAT CONTAINS ASBESTOS. CONTRACTOR SHALL REMOVE AND DISPOSE PIPING IN ACCORDANCE WITH HAZARDOUS MATERIAL REGULATIONS.

DEMOLITION KEYNOTES:

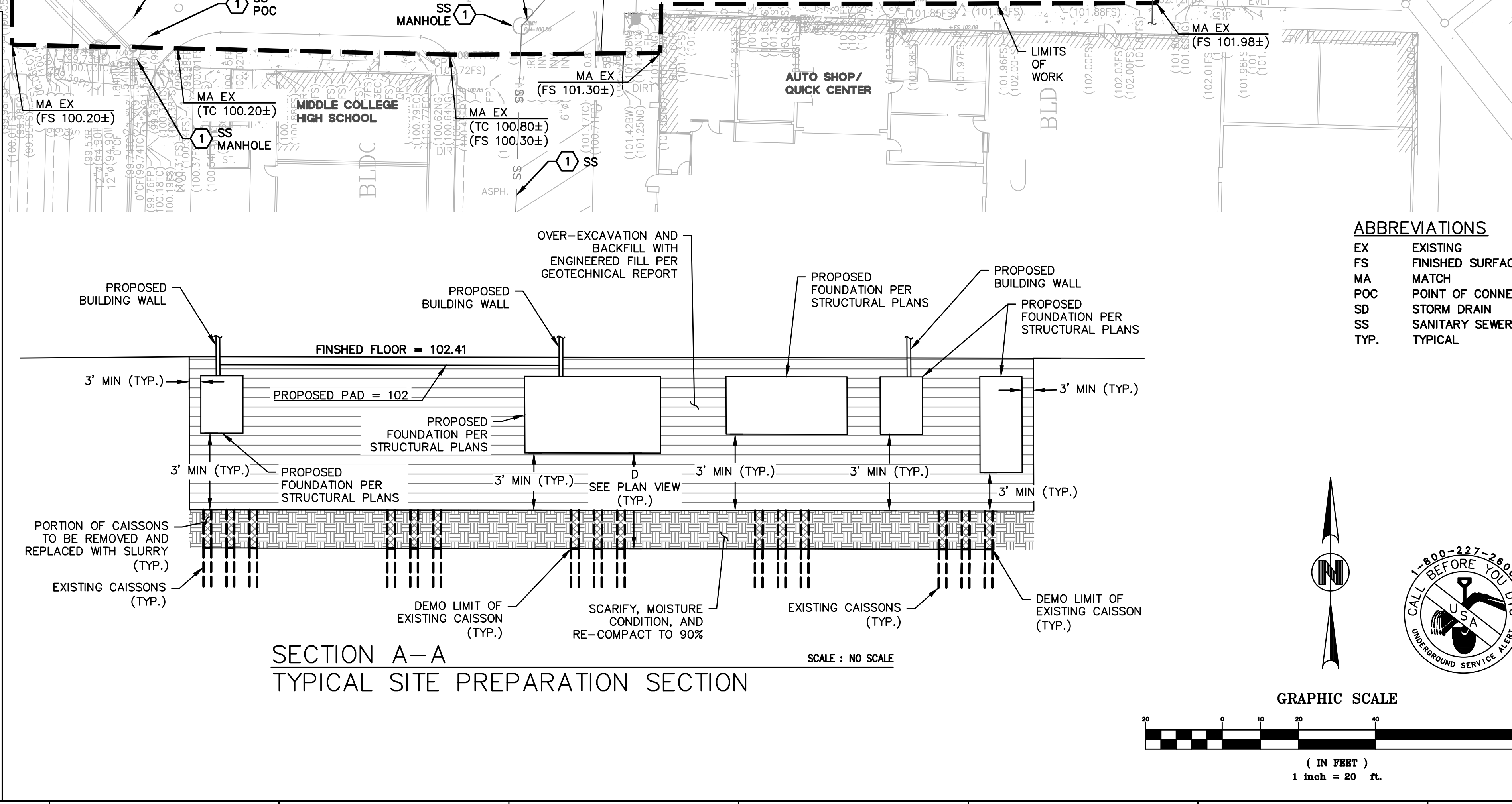
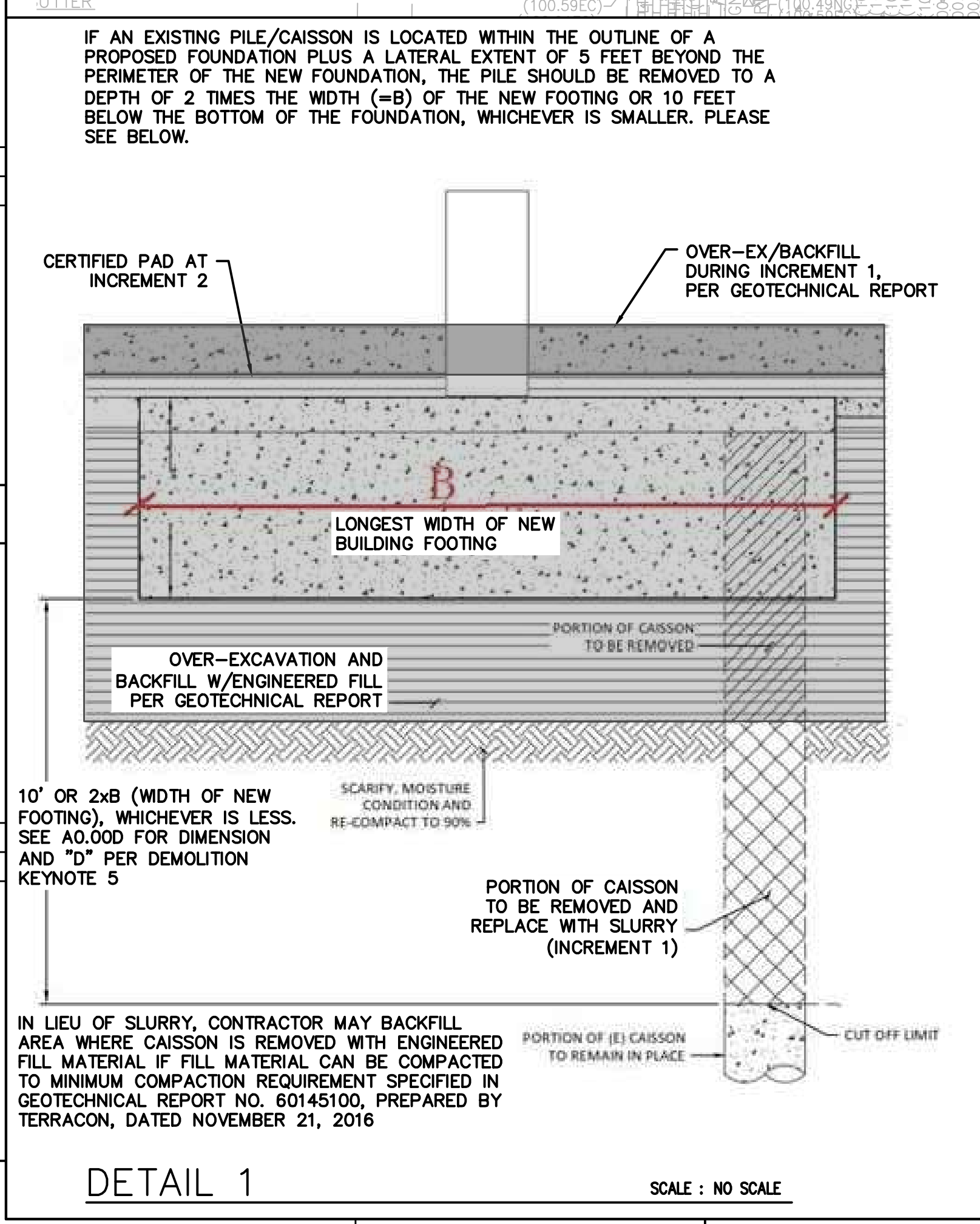
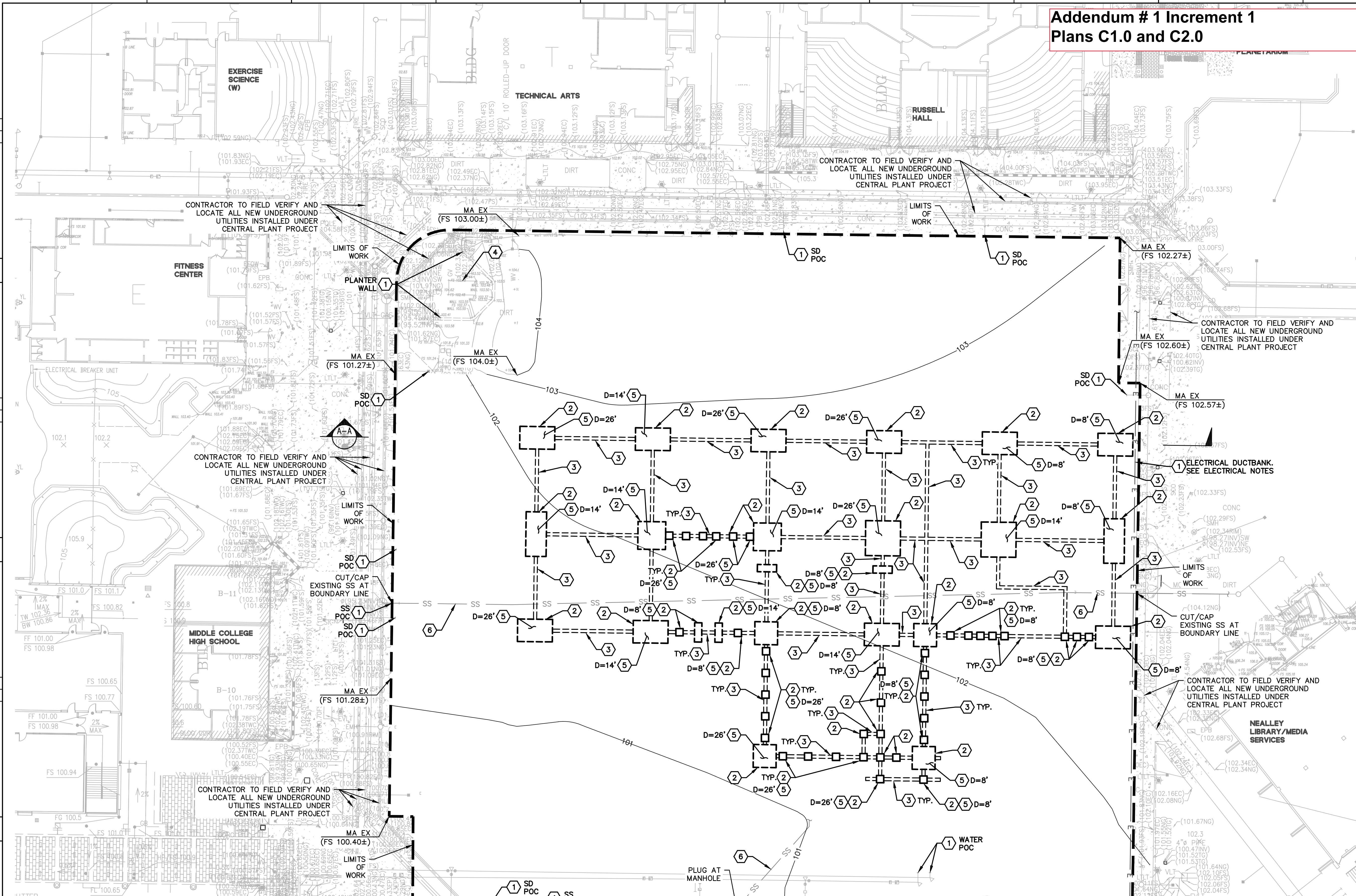
- PROTECT IN PLACE, SEE DEMOLITION NOTE 2
- EXISTING PILE CAPS TO BE REMOVED IN THEIR ENTIRETY
- DEMOLISH EXISTING GRADE BEAMS IN THEIR ENTIRETY
- PROTECT IN PLACE EXISTING MONUMENT SIGN
- PILES TO BE CUT TO A DEPTH, D, AS INDICATED ON THIS SHEET AND PER THE GEOTECH REPORT AND CALCULATION ON THE ATTACHED DETAIL 1. REFER TO S2.11 OF INCREMENT FOR BOTTOM OF NEW FOOTINGS.
- DEMOLISH EXISTING SEWER IN ITS ENTIRETY WITHIN PROJECT LIMITS.

DEMOLITION LEGEND:

- 102 — ELEVATION CONTOUR
- SS — EXISTING SANITARY SEWER LINE
- (XXX.XX±) EXISTING ELEVATION

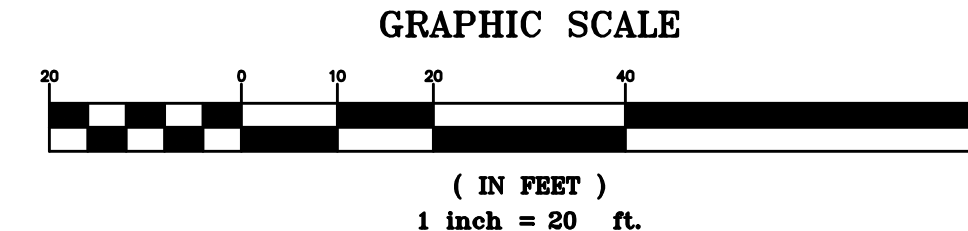
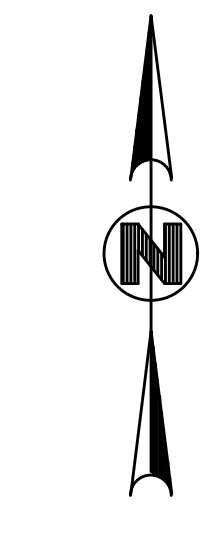
GEOTECHNICAL NOTES:

- ALL FILL MATERIALS WITHIN THE FOOTPRINT OF THE PROPOSED BUILDING SHOULD BE REMOVED AND THE EXCAVATION THOROUGHLY CLEANED PRIOR TO BACKFILL PLACEMENT AND/OR CONSTRUCTION.
- FOOTINGS AND INTERIOR FLOOR SLABS SHOULD BEAR ON ENGINEERED FILL COMPRISED OF LOW-VOLUME CHANGE MATERIALS EXTENDING TO A MINIMUM DEPTH OF 3 FEET BELOW THE BOTTOM OF FOOTINGS, 5 FEET BELOW EXISTING GRADE, OR TO THE DEPTH OF THE FILL MATERIALS WHICHEVER IS GREATER.
- ALL GRADING FOR EACH STRUCTURE SHOULD INCORPORATE THE LIMITS OF THE PROPOSED STRUCTURE PLUS A LATERAL DISTANCE OF 3 FEET BEYOND THE EDGES.
- NEAR-SURFACE SOILS VARIED BETWEEN SANDY AND CLAYEY SOILS ON-SITE. ONLY THE ON-SITE SANDY MATERIALS ARE CONSIDERED SUITABLE FOR USE AS ENGINEERED FILL WITHIN 3 FEET BELOW THE BOTTOM OF FOUNDATIONS AND FLOOR SLABS.
- ONSITE CLAYEY SOILS ARE SUITABLE FOR BACKFILL EXCAVATION EXCEEDING 3 FEET BELOW BOTTOM OF FOUNDATIONS AND IN NON-STRUCTURAL AREAS.
- EXPOSED AREAS WHICH RECEIVE FILL, ONCE PROPERLY CLEARED, SHOULD BE SCARIFIED TO A MINIMUM DEPTH OF 10 INCHES, MOISTURE CONDITIONED, AND COMPACTED PER THE COMPACTION REQUIREMENTS IN THE GEOTECHNICAL REPORT.
- SUBGRADE MATERIALS BENEATH EXTERIOR SLABS, PAVEMENTS, AND FLATWORK SHOULD BE SCARIFIED, MOISTURE CONDITIONED, AND COMPACTED TO A MINIMUM DEPTH OF 10 INCHES. THE MOISTURE CONTENT AND COMPACTION OF SUBGRADE SOILS SHOULD BE MAINTAINED UNTIL FLATWORK CONSTRUCTION.
- ALL FILL MATERIALS SHOULD BE INORGANIC SOILS FREE OF VEGETATION, DEBRIS, AND FRAGMENTS LARGER THAN THREE INCHES IN SIZE. PEA GRAVEL OR OTHER SIMILAR NON-CEMENTITIOUS, POORLY-GRADED MATERIALS SHOULD NOT BE USED AS FILL OR BACKFILL WITHOUT THE PRIOR APPROVAL OF THE GEOTECHNICAL ENGINEER.
- IMPORTED SOILS FOR USE AS FILL MATERIAL WITHIN PROPOSED BUILDING AND STRUCTURE AREAS SHOULD CONFORM TO LOW VOLUME CHANGE MATERIALS AS INDICATED IN THE GEOTECHNICAL REPORT.
- ON-SITE CLAYEY SOILS MAY PUMP, AND UNSTABLE SUBGRADE CONDITIONS COULD DEVELOP DURING GENERAL CONSTRUCTION OPERATIONS, PARTICULARLY IF THE SOILS ARE WETTED AND/OR SUBJECTED TO REPETITIVE CONSTRUCTION TRAFFIC.
- BACKFILL AGAINST FOOTINGS, EXTERIOR WALLS, AND IN UTILITY AND SPRINKLER LINE TRENCHES SHOULD BE WELL COMPACTED AND FREE OF ALL CONSTRUCTION DEBRIS TO REDUCE THE POSSIBILITY OF MOISTURE INFILTRATION.
- UPON COMPLETION OF FILLING AND GRADING, CARE SHOULD BE TAKEN TO MAINTAIN THE SUBGRADE MOISTURE CONTENT PRIOR TO CONSTRUCTION OF FLOOR SLABS AND FLATWORK. CONSTRUCTION TRAFFIC OVER THE COMPLETED SUBGRADE SHOULD BE AVOIDED TO THE EXTENT PRACTICAL.
- THE SITE SHOULD BE GRADED TO PREVENT PONDING OF SURFACE WATER ON THE PREPARED SUBGRADES OR IN EXCAVATIONS.
- IF THE SUBGRADE SHOULD BECOME DESICCATED, SATURATED, OR DISTURBED, THE AFFECTED MATERIAL SHOULD BE REMOVED, OR THESE MATERIALS SHOULD BE SCARIFIED, MOISTURE CONDITIONED, AND RECOMPACTED PRIOR TO FLOOR SLAB CONSTRUCTION.
- WET SEASON EARTHWORK OPERATIONS MAY REQUIRE ADDITIONAL MITIGATIVE MEASURES INCLUDING DIVERSION OF SURFACE RUNOFF AROUND EXPOSED SOILS AND DRAINING OF PONDED WATER ON THE SITE.
- THE INDIVIDUAL CONTRACTOR(S) IS RESPONSIBLE FOR DESIGNING AND CONSTRUCTING STABLE, TEMPORARY EXCAVATIONS AS REQUIRED TO MAINTAIN STABILITY OF BOTH THE EXCAVATION SIDES AND BOTTOM.
- EXCAVATIONS SHOULD BE SLOPED OR SHORED IN THE INTEREST OF SAFETY FOLLOWING LOCAL, AND FEDERAL REGULATIONS, INCLUDING CURRENT OSHA EXCAVATION AND TRENCH SAFETY STANDARDS.



ABBREVIATIONS

EX	EXISTING
FS	FINISHED SURFACE
MA	MATCH
POC	POINT OF CONTACT
SD	STORM DRAIN
SS	SANITARY SEWER
TYP.	TYPICAL



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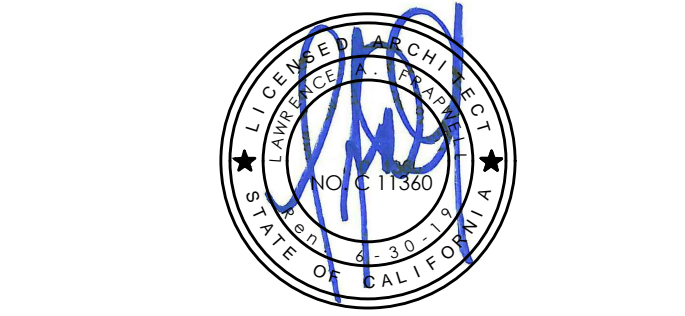
115 22nd street
Newport Beach, CA 92663

o: 949.675.6442

CONSULTANTS



SEALS / APPROVALS



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
FILE: 30-C2
A# 04 - 116810

AC FLS SS
DATE

PROJECT TITLE

JOHNSON STUDENT CENTER
INCREMENT 1
1530 W 17TH ST SANTA ANA CA 92706



SUBMITTALS	
#	DATE
1	08/13/2016
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PROJECT IDENTIFICATION Project Number

THESE DRAWINGS ORIGINALLY CREATED IN AUTOCAD REVIT V. 2016 U.S.A.
THE ORIGINAL SIZE OF THIS SHEET IS 30" X 42"

DRAWN BY MS / AMF

CHECKED BY LP

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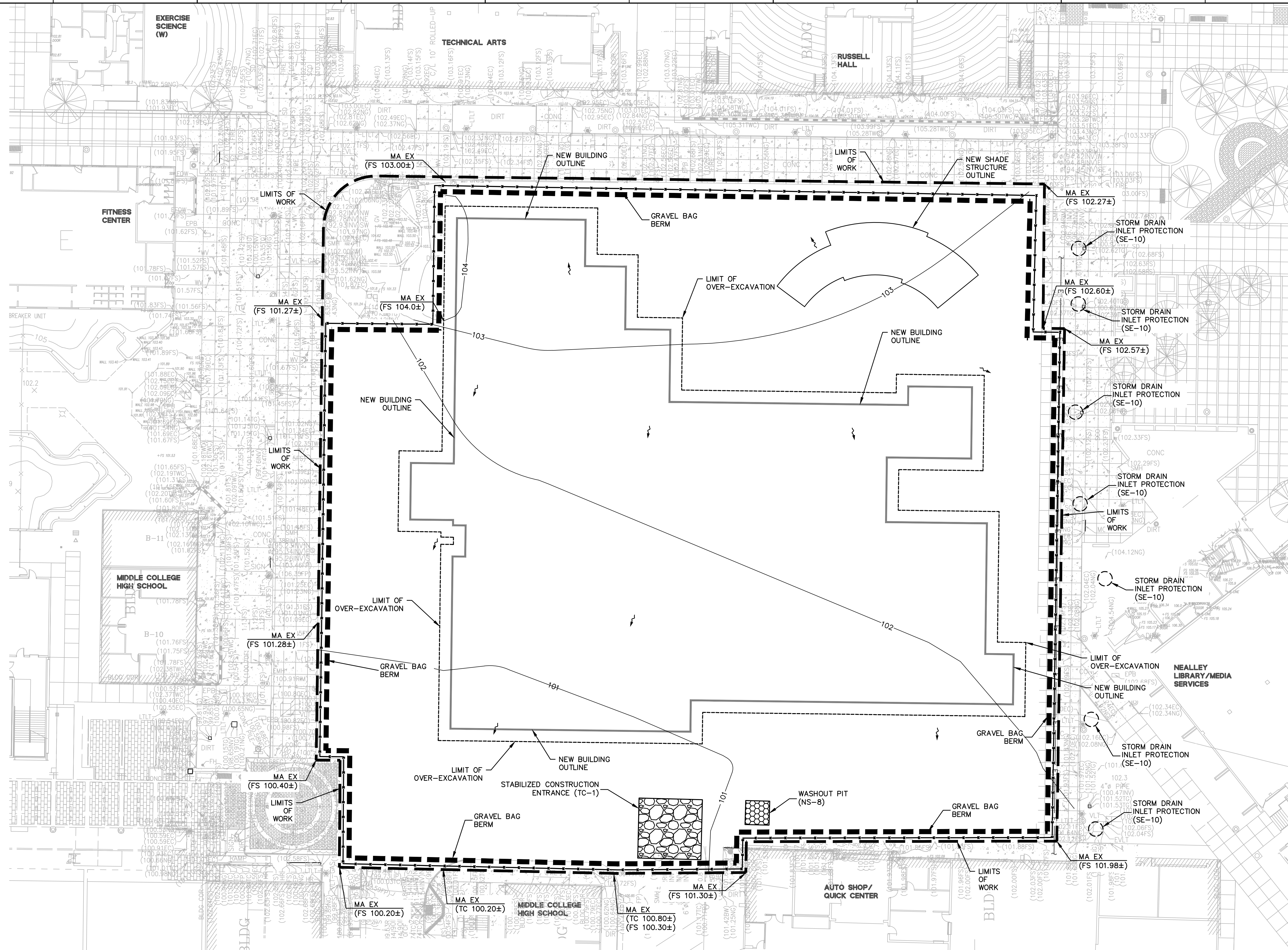
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SHEET TITLE
DEMOLITION PLAN

SHEET NUMBER

C1.0-D

CONSTRUCTION DOCUMENTS



GENERAL NOTES:

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

GRADING:

PERFORM GRADING TO WITHIN 0.10-FOOT OF THE LINES AND ELEVATIONS SHOWN ON THE CONSTRUCTION DRAWINGS. CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE.

REMOVE MATERIAL WHICH WILL NOT BE USED ON SITE AS IT IS EXCAVATED AND DISPOSE IN ACCORDANCE WITH THE GOVERNING AGENCY'S REQUIREMENTS.

MAINTAIN A CLEAN CONSTRUCTION SITE TO PREVENT THE INTRODUCTION OF FOREIGN MATERIALS INTO THE STORMWATER CONVEYANCE SYSTEM. ACTIVITY DURING CONSTRUCTION WHICH RESULTS IN THE DISCHARGE OF POLLUTANTS TO THE STORMWATER CONVEYANCE SYSTEM IS IN VIOLATION OF THE STATE OF CALIFORNIA'S REGIONAL WATER QUALITY CONTROL BOARD'S REGULATIONS.

PROVIDE DUST CONTROL THROUGHOUT THE DURATION OF THE CONSTRUCTION PROJECT TO MINIMIZE AIRBORNE POLLUTANTS.

STOP WORK AND NOTIFY DISTRICT IMMEDIATELY IF CONTAMINATED MATERIAL IS ENCOUNTERED. THE DISTRICT WILL RETAIN SERVICES OF A QUALIFIED ENVIRONMENTALIST. THE CONTRACTOR SHALL PROCEED WITH WORK AS DIRECTED BY THE DISTRICT'S DIRECTION IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE ENVIRONMENTALIST.

STOP WORK AND NOTIFY THE OWNERS REPRESENTATIVE IF REMAINS OF PREHISTORIC OR HISTORIC HUMAN ACTIVITIES ARE ENCOUNTERED. CONTACT THE ORANGE COUNTY CORONER IF HUMAN REMAINS ARE ENCOUNTERED. THE OWNER WILL RETAIN THE SERVICES OF A QUALIFIED ARCHAELOGIST TO EVALUATE THE SITUATION AND MAKE RECOMMENDATIONS FOR TREATMENT OF THE RESOURCE. THE CONTRACTOR SHALL PROCEED WITH WORK AT THE OWNER'S DIRECTION IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE ARCHAELOGIST.

THE CONTRACTOR SHALL NOT IMPEDE DRAINAGE FROM EXISTING UPSTREAM PROPERTIES. THE CONTRACTOR SHALL PLACE STOCKPILES AWAY FROM VEGETATION DESIGNATED TO REMAIN.

GRADING NOTES:

- BENCHMARK:** COUNTY OF ORANGE BM NO. SA-318-84. FOUND 3" OCS ALUMINUM BENCHMARK DISK STAMPED "SA-318-84", SET IN THE SOUTHWEST CORNER OF A 8FT. BY 4FT. CONCRETE CATCH BASIN. MONUMENT IS LOCATED IN THE NORTHEAST CORNER OF THE INTERSECTION OF BRISTOL STREET AND WASHINGTON. 5FT NORTHERLY OF THE CENTERLINE OF WASHINGTON AND 30 FT. EASTERLY OF THE CENTERLINE OF BRISTOL STREET. 0.7' SOUTHEASTERLY OF A 24" STEEL STORM DRAIN LID. MONUMENT IS LEVEL WITH SIDEWALK.
- ELEVATION = 108.285' (NAV88); LEVELED. 2010.
- CONTRACTOR SHALL VERIFY AND MATCH EXISTING GRADES ADJACENT TO LIMIT OF WORK.
- AFTER COMPLETION OF DEMOLITION, LAY 2" THICK CRUSHED AGGREGATE BASE OVER DEMOLITION AREA.

GRADING LEGEND AND ABBREVIATIONS:

- LIMITS OF WORK
- 102- ELEVATION CONTOUR
- ~ PROPOSED FLOW DIRECTION
- (XXX.XX±) EXISTING ELEVATION
- EX EXISTING
- FS FINISHED SURFACE
- MA MATCH

GRADING NOTES:

- GRAVEL BAG BERM (SE-6) PER DETAIL 1 ON THIS SHEET.
- EXISTING FENCE TO REMAIN. PROTECT IN PLACE.
- STORM DRAIN INLET PROTECTION (SE-10) PER DETAIL 3 ON THIS SHEET.
- STABILIZED CONSTRUCTION ENTRANCE (TC-1) PER DETAIL 4 ON THIS SHEET.
- WASHOUT PIT (NS-8) PER DETAIL 2 ON THIS SHEET.

EARTHWORK NOTES:

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ESTIMATE THE QUANTITIES OF GRADING WORK AND DETERMINE ANY IMPORT OR EXPORT REQUIRED.

EROSION CONTROL NOTES

- SITE ACCESS SHOWN ON THIS PLAN IS PROVIDED FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL LOCATE CONSTRUCTION ACCESS DRIVEWAYS AS NECESSARY.
- LOCATION OF CONSTRUCTION FENCING SHOWN ON THIS PLAN IS APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE SITE AND INSTALLING NEW CONSTRUCTION FENCING AS NECESSARY.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN EFFECT AND MAINTAINED BY THE CONTRACTOR ON A YEAR-ROUND BASIS UNTIL ALL DISTURBED AREAS ARE STABILIZED UNLESS OTHERWISE PERMITTED BY THE COUNTY INSPECTOR.
- ALL INLETS RECEIVING STORM WATER RUNOFF FROM THE PROJECT AREA MUST BE EQUIPPED WITH REQUIRED INLET PROTECTION.
- ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF ENTERING THE STORM DRAIN SYSTEM.
- STOCKPILED EARTHEN MATERIAL SHALL BE EITHER COVERED WITH A TARP OR WATERED SUFFICIENTLY TO ELIMINATE DUST.
- REFERENCE: "CALIFORNIA STORM WATER BEST MANAGEMENT PRACTICE (BMP) HANDBOOK", MARCH 2003.
- CONSTRUCTION AREAS SHOWN ARE CONCEPTUAL. ACTUAL PLACEMENT TO BE DETERMINED BY CONTRACTOR BASED ON CURRENT BEST MANAGEMENT PRACTICES. CONTRACTOR SHALL SUBMIT A CONSTRUCTION STAGING PLAN.
- THIS PROJECT WILL BE SUBJECT TO SWPPP PROVISIONS ADOPTED BY THE STATE OF CALIFORNIA IN SEPTEMBER 2009. SITE MONITORING OF STORM WATER DISCHARGE WILL BE REQUIRED THROUGHOUT CONSTRUCTION.

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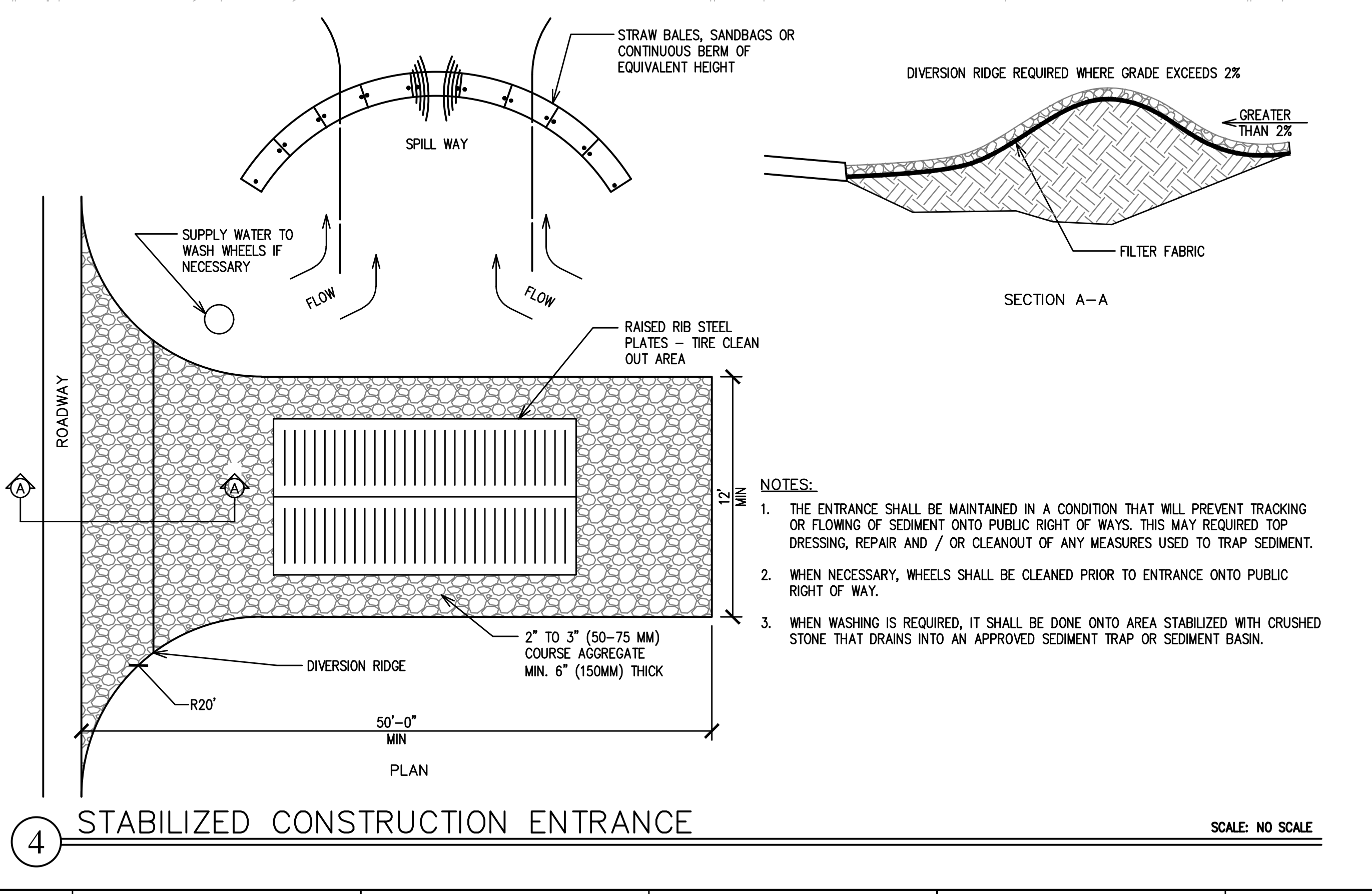
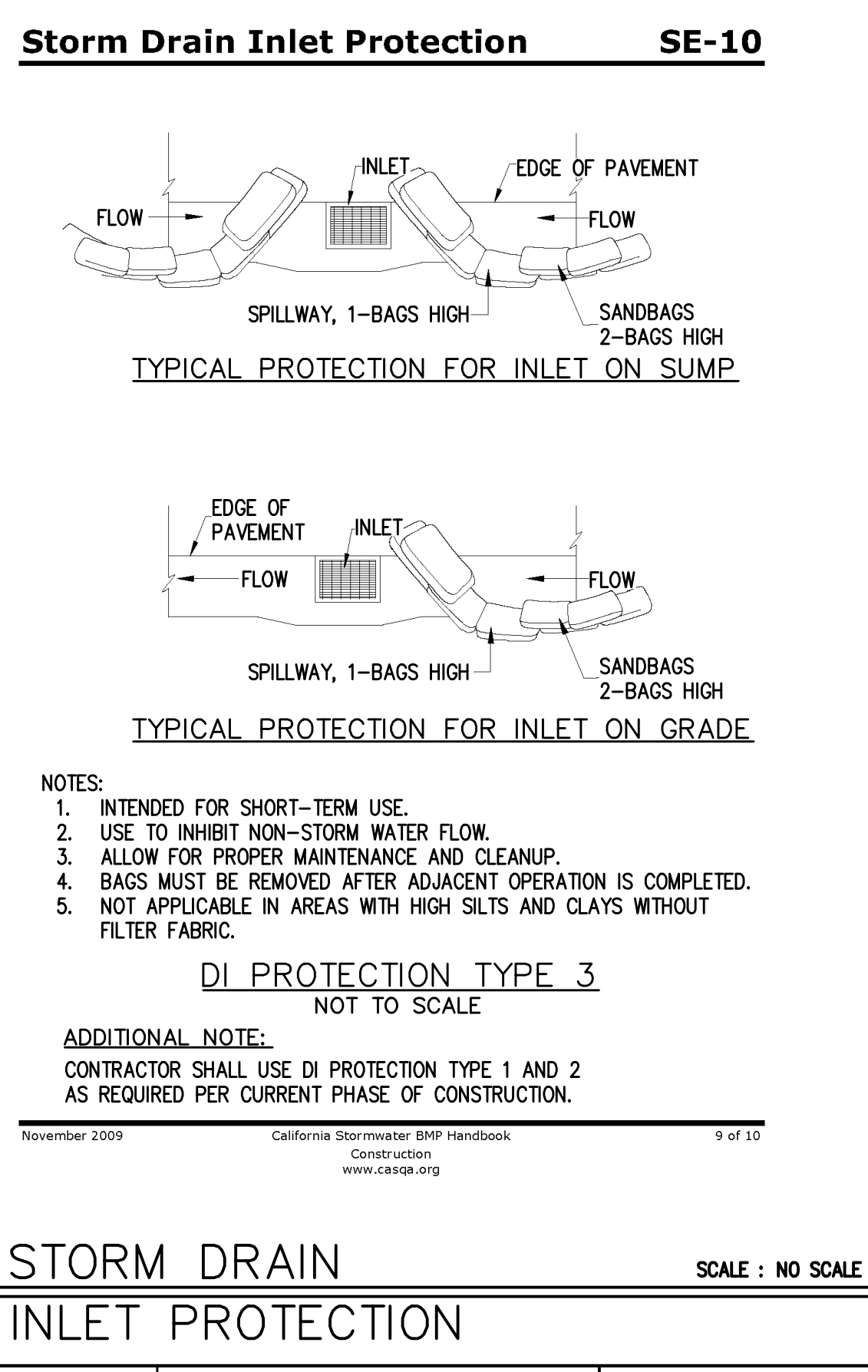
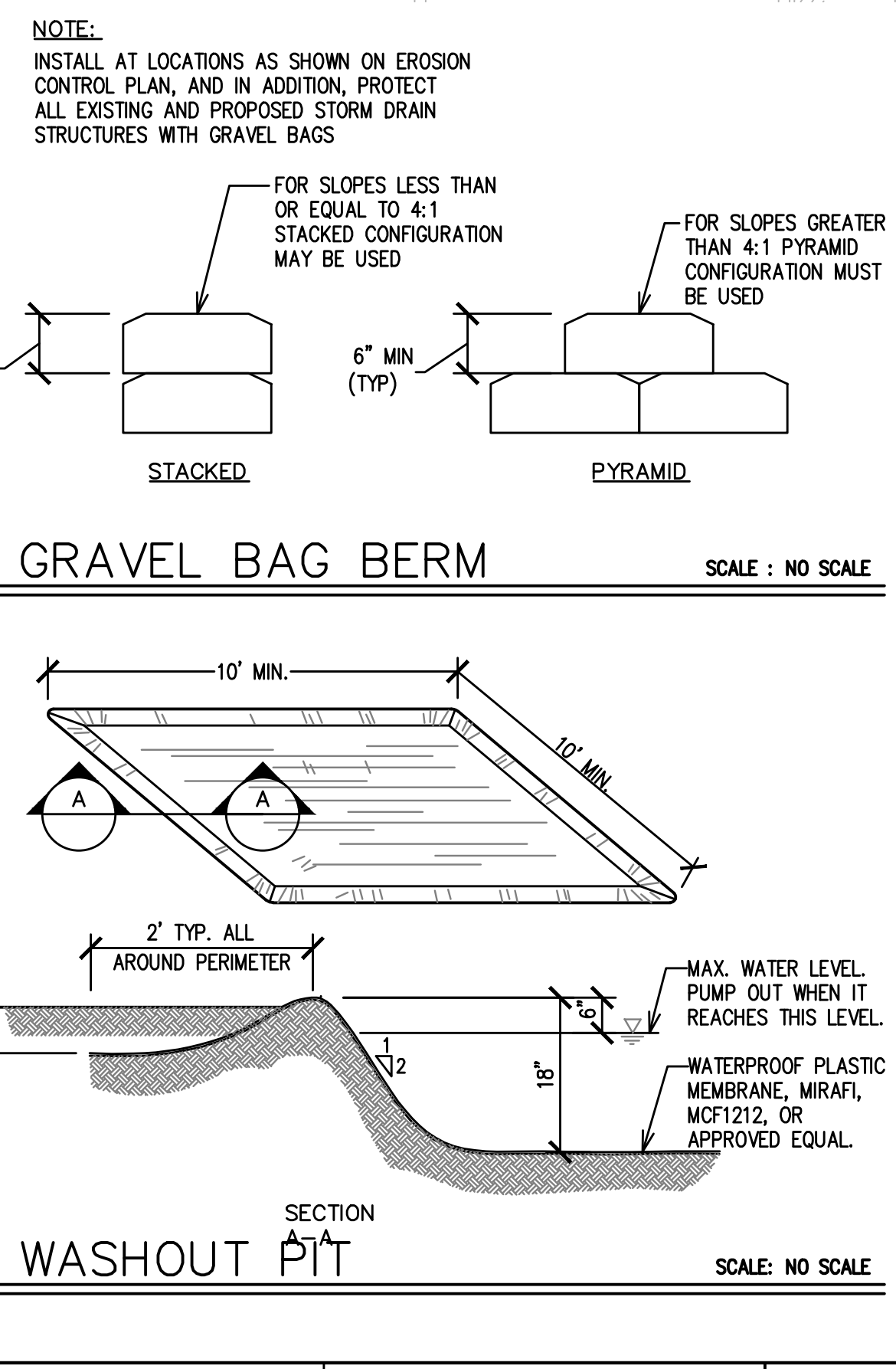
SEALS / APPROVALS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
FILE: 30-C2
A# 04 - 116810

AC FLS SS
DATE

PROJECT TITLE
JOHNSON STUDENT CENTER
INCREMENT 1
1530 W 17TH ST SANTA ANA CA 92706

RANCHO SANTIAGO
Community College District



SUBMITTALS

#	DATE	DESCRIPTION
1	08/13/2018	DSA FINAL SUBMITTAL

PROJECT IDENTIFICATION Project Number
THESE DRAWINGS ORIGINALLY CREATED IN AUTOCAD REVIT V. 2016 LUG.N
THE ORIGINAL SIZE OF THIS SHEET IS 30" X 42"

DRAWN BY MS / AMF

CHECKED BY LP

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SHEET TITLE
EROSION CONTROL AND GRADING PLAN

SHEET NUMBER
C2.0-D

CONSTRUCTION DOCUMENTS

