

1/CD-4.0
EROSION CONTROL PLAN
SCALE: 1"=30'

TOTAL AREA OF DISTURBANCE : 93,486 SF = 2.15 AC

ALL PROPOSED SLOPES ON SITE ARE NO STEEPER THAN 3:1

construction sequence

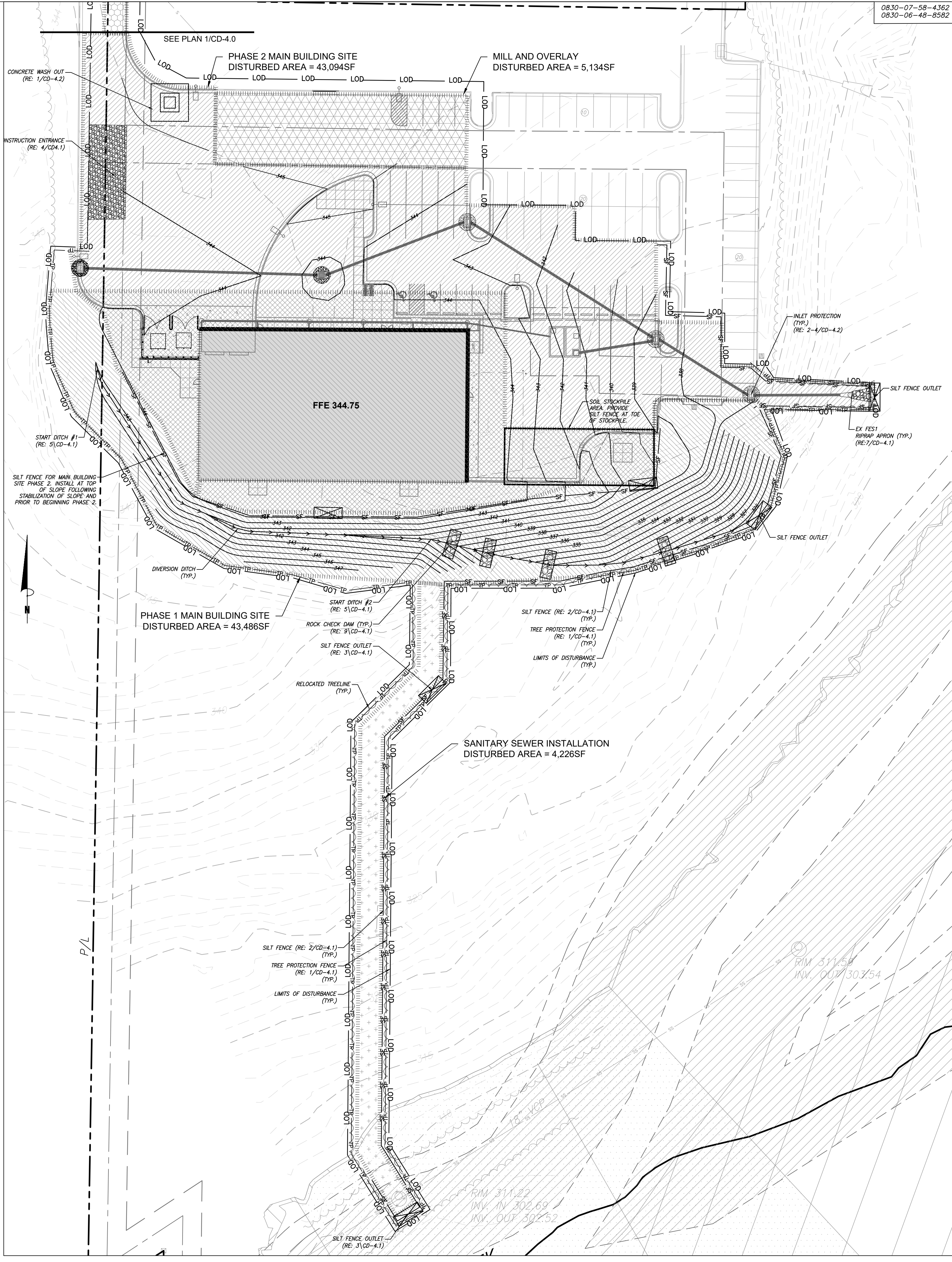
- NOTE: IF AN OFFSITE SOIL SPOIL OR BORROW SITE IS UTILIZED, THEN THE DISTURBED AREA FOR THE SPOIL/BORROW SITE MUST BE INCLUDED IN THE LAND-DISTURBANCE PLAN AND PERMIT UNLESS THE SPOIL/BORROW SITE ALREADY HAS A LAND-DISTURBANCE PERMIT.
- NOTE: SHOULD EROSION AND SEDIMENT CONTROL ISSUES ARISE, CONTACT MATTHEW WILLIAMS (williamsmtt@durhamtech.edu) AT 919-536-7201.
- OBTAIN LAND DISTURBING PERMIT FROM NCDEQ. POST LAND DISTURBING PERMIT AT THE SITE. NOTIFY LAND QUALITY SECTION OF INTENT TO BEGIN CONSTRUCTION PRIOR TO BEGINNING LAND DISTURBING ACTIVITY. NOTIFY LAND QUALITY SECTION AT (919) 791-4200 OF INTENT TO BEGIN CONSTRUCTION AT LEAST 72 HOURS PRIOR TO BEGINNING LAND DISTURBING ACTIVITY.
 - OBTAIN ALL PERMITS AND APPROVALS NECESSARY TO BEGIN AND COMPLETE THE PROJECT. OBTAIN ALL PERMITS PRIOR TO BEGINNING ANY DISTURBANCE OF THE SITE SO WORK WILL NOT BE INTERRUPTED.
 - SCHEDULE AND HOLD A PRE-CONSTRUCTION MEETING BEFORE BEGINNING ANY TIMBERING, CLEARING, GRUBBING, DEMOLITION, OR GRADING. OWNER OR OWNER'S REPRESENTATIVE, AND GRADING CONTRACTOR SHALL ATTEND TO DISCUSS THE SCHEDULE AND EROSION CONTROL PLAN. NOTIFY LAND QUALITY SECTION AT (919) 791-4200.
 - INSTALL TEMPORARY CONSTRUCTION ENTRANCES, INLET PROTECTION, SILT FENCE, AND SILT FENCE OUTLETS. MAINTAIN GROUND COVER IN ACCORDANCE WITH THE STABILIZATION REQUIREMENTS ON THE SEEDING SCHEDULE DETAIL.
- PHASE 1 MAIN BUILDING SITE:**
- BEGIN DEMOLITION OF EXISTING VEGETATION, PAVEMENT/HARDSCAPE, AND UTILITIES. ALL DEMOLITION DEBRIS TO BE REMOVED FROM SITE AND DISPOSED OF AT A LICENSED LANDFILL OR RECYCLING CENTER.
 - BEGIN GRADING OF SITE WITHIN THE LIMITS OF DISTURBANCE FOR THIS PHASE.
 - INSTALL BUILDING PAD, STABILIZE SLOPE AREAS, AND INSTALL SILT FENCE AT TOP OF SLOPE PRIOR TO BEGINNING PHASE 2 MAIN BUILDING SITE.
- PHASE 2 MAIN BUILDING SITE:**
- BEGIN DEMOLITION OF EXISTING VEGETATION, PAVEMENT/HARDSCAPE, AND UTILITIES. ALL DEMOLITION DEBRIS TO BE REMOVED FROM SITE AND DISPOSED OF AT A LICENSED LANDFILL OR RECYCLING CENTER.
 - BEGIN GRADING OF SITE WITHIN THE LIMITS OF DISTURBANCE FOR THIS PHASE.
 - INSTALL STORM PIPES, DRAINAGE STRUCTURES, AND EROSION CONTROL MEASURES. UPON COMPLETION, CONTACT LAND QUALITY SECTION FOR AN INSPECTION AT (919) 791-4200.
- MILL AND OVERLAY:**
- IMMEDIATELY PRIOR TO PAVING OPERATIONS FOR PHASE 2 MAIN BUILDING SITE, MILL EXISTING ASPHALT AND MAKE ANY REPAIRS NECESSARY PRIOR TO PAVEMENT OVERLAY.
- SIDEWALK INSTALLATION:**
- BEGIN DEMOLITION OF EXISTING VEGETATION AND MAKE ANY UTILITY ADJUSTMENTS. ALL DEMOLITION DEBRIS TO BE REMOVED FROM SITE AND DISPOSED OF AT A LICENSED LANDFILL OR RECYCLING CENTER.
 - BEGIN GRADING OF SITE WITHIN THE LIMITS OF DISTURBANCE FOR THIS PHASE.
 - INSTALL SIDEWALK AND HANDICAP RAMP.
 - ONCE CONCRETE HAS CURED, FINE GRADE AND STABILIZE ALL DISTURBED AREA WITHIN THIS AREA.
- WATERLINE EXTENSION:**
- BEGIN DEMOLITION OF PAVEMENT/HARDSCAPE. ALL DEMOLITION DEBRIS TO BE REMOVED FROM SITE AND DISPOSED OF AT A LICENSED LANDFILL OR RECYCLING CENTER.
 - INSTALL WATER LINE AND TEMPORARILY BACKFILL TRENCH WITH STONE PRIOR TO FINAL PAVEMENT PATCH.
- SANITARY SEWER INSTALLATION:**
- BEGIN DEMOLITION OF EXISTING VEGETATION AND INSTALL EROSION CONTROL MEASURES. ALL DEMOLITION DEBRIS TO BE REMOVED FROM SITE AND DISPOSED OF AT A LICENSED LANDFILL OR RECYCLING CENTER.
 - INSTALL SANITARY SEWER LINE AND BACKFILL TRENCH TO MATCH EXISTING CONDITIONS. IMMEDIATELY UPON COMPLETION OF BACKFILL, PROVIDE PERMANENT SEEDING. CONTRACTOR TO ENSURE VEGETATION IS ESTABLISHED AND MAINTAIN AS NECESSARY.
- ALL PHASES:**
- ALL TRENCHES ARE TO BE BACKFILLED AT THE END OF EACH WORK DAY. INSTALL OPEN END PIPE PROTECTION AT THE END OF TRENCHING AT THE END OF EACH WORK DAY. ENSURE THAT NO WATER OR SEDIMENT ENTERS THE STORM PIPES.
 - INSTALL TEMPORARY INLET PROTECTION AND RIP RAP APRONS AS SOON AS POSSIBLE AFTER PIPE HAS BEEN INSTALLED AND DRAINAGE STRUCTURES HAVE BEEN CONSTRUCTED.
 - SILT FENCE IS TO BE RELOCATED AS NECESSARY AS GRADING PROGRESSES TO ENSURE THAT NO SEDIMENT LEAVES THE SITE.
 - INSPECT AND MAINTAIN THE SEDIMENT CONTROL DEVICES SO THEY CONTINUE TO FUNCTION PROPERLY. THE PERSON RESPONSIBLE FOR EROSION CONTROL WILL OVERSEE THE INSPECTION AND MAINTENANCE OF THESE DEVICES. MEASURES SHOULD BE INSPECTED WEEKLY AND AFTER A RAINFALL OF MORE THAN 0.5 INCHES. EROSION CONTROL DEVICES SHALL BE REPLACED WHEN DAMAGED OR DO NOT APPEAR TO BE WORKING PROPERLY.
 - IN ADDITION TO THE INSPECTIONS BY THE CONTRACTOR, THE OWNER, THE FINANCIALLY RESPONSIBLE PARTY, OR THEIR AGENT MUST CONDUCT INSPECTIONS IN ACCORDANCE WITH THE STATE OF NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES DIVISION OF WATER QUALITY CONSTRUCTION STORMWATER GENERAL PERMIT NC001000 SELF-INSPECTION PROGRAM AND REPORTING REQUIREMENTS TO MONITOR AND MAINTAIN A RAIN GAUGE, RECORDS, PERMIT, AND S&E PLAN ON SITE.
 - IF IT IS DETERMINED DURING THE COURSE OF CONSTRUCTION THAT SIGNIFICANT SEDIMENT IS LEAVING THE PROJECT SITE DESPITE PROPER IMPLEMENTATION AND MAINTENANCE OF THE EROSION CONTROL PLAN, THE PERSON RESPONSIBLE FOR THE LAND DISTURBING ACTIVITY IS OBLIGATED TO TAKE ADDITIONAL PROTECTIVE ACTION.
 - KEEP MUD AND DEBRIS OFF THE PUBLIC STREET AT ALL TIMES. IF MUD OR DEBRIS IS TRACKED FROM THE SITE, USE A SHOVEL AND BROOM TO REMOVE IT IMMEDIATELY. IF MUD AND DEBRIS ARE NOT KEPT OFF THE STREET, ENFORCEMENT ACTION (REVOKING THE GRADING PERMIT AND/OR A STOP WORK ORDER) MAY BE TAKEN.
 - SEEDING AND RESTABILIZATION OF DISTURBED AREAS MUST BE ACCOMPLISHED PER THE PLANS AND SPECIFICATIONS WITHIN THE TIMEFRAMES GIVEN IN THE STABILIZATION TIME TABLE PROVIDED IN THE SEEDING SCHEDULE. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SEEDING THAT IS REQUIRED DURING THE PROJECT AT NO ADDITIONAL COST TO THE OWNER.
 - WHEN CONSTRUCTION IS COMPLETE, DISTURBED AREAS ARE STABILIZED, AND ALL EROSION CONTROL MEASURES ARE IN PLACE, CONTACT EROSION CONTROL PERSONNEL (LAND QUALITY SECTION) FOR AN INSPECTION.
 - LAND QUALITY MUST BE NOTIFIED TO PERFORM FINAL INSPECTION AND APPROVE THE REMOVAL OF ANY SEDIMENT CONTROL DEVICES. THE OWNER OR ENGINEER CAN NOT PERFORM THE FINAL INSPECTION.
 - WHEN CONSTRUCTION IS COMPLETE AND ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED, AND LAND QUALITY SECTION HAS GIVEN APPROVAL, REMOVE ALL TEMPORARY EROSION CONTROL DEVICES. REMOVE AND PROPERLY DISPOSE OF ACCUMULATED SEDIMENT AND DEBRIS FROM THE DEVICES AND STABILIZE AREAS DISTURBED BY THEIR REMOVAL.

erosion control legend

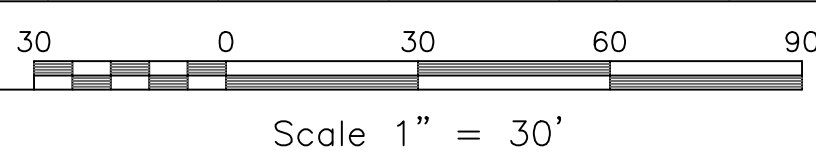
- | | | | |
|--|----------------------------|--|-----------------------|
| | SILT FENCE OUTLET | | CONSTRUCTION ENTRANCE |
| | SILT FENCING | | TEMPORARY SEEDING |
| | TP TREE PROTECTION FENCING | | PERMANENT SEEDING |
| | LOD LIMITS OF DISTURBANCE | | PHASING BOUNDARY |
| | DIVERSION DITCH | | |
| | INLET PROTECTION | | |

erosion control phasing legend

- | | |
|--|----------------------------------------------------------|
| | PHASE 1 MAIN BUILDING SITE
DISTURBED AREA = 43,486 SF |
| | PHASE 2 MAIN BUILDING SITE
DISTURBED AREA = 43,094 SF |
| | MILL AND OVERLAY
DISTURBED AREA = 5,134 SF |
| | SIDEWALK INSTALLATION
DISTURBED AREA = 2,614 SF |
| | WATERLINE EXTENSION
DISTURBED AREA = 8,008 SF |
| | SANITARY SEWER INSTALLATION
DISTURBED AREA = 4,226 SF |



2/CD-4.0
EROSION CONTROL PLAN
SCALE: 1"=30'



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Project

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CJT Job Number: 1707

Drawn	VJC/PBR
Checked	VJC
Date	07/02/2016
Revisions	

CONSTRUCTION
DRAWINGS

NOT RELEASED FOR
CONSTRUCTION

Sheet Title

**EROSION
CONTROL
PLAN**

Sheet Number

CD-4.0