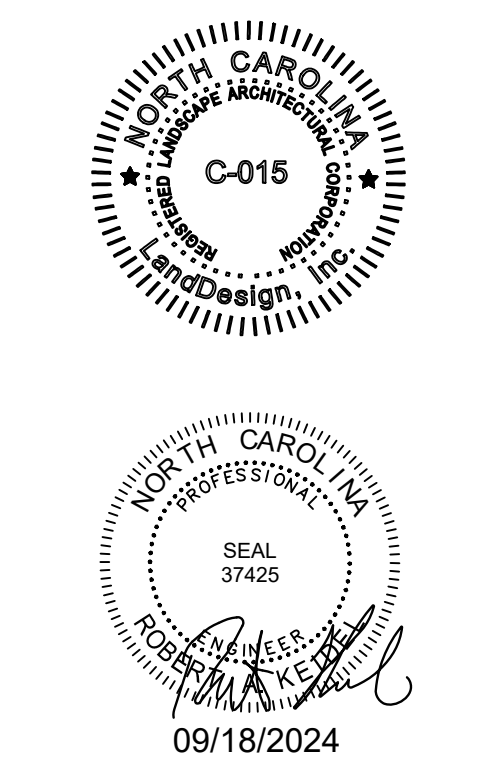
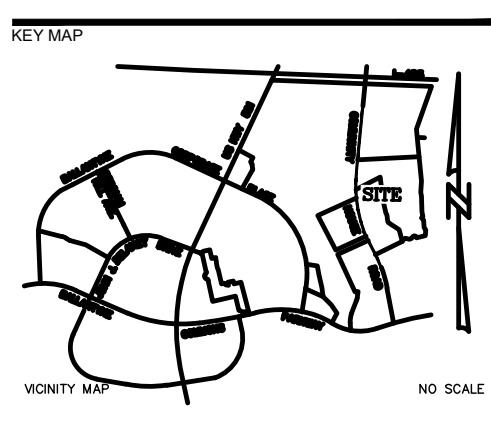


- EROSION CONTROL NOTES:**
- CONTRACTOR TO PROVIDE AS MUCH SPACE AS POSSIBLE BETWEEN TOE OF FILL SLOPE AND SILT FENCE.
 - PLEASE CONTACT CITY INSPECTOR TO ADVISE ON START DATE AND SCHEDULE PRE-CONSTRUCTION MEETING.
 - ON-SITE BURIAL PITS REQUIRE AN ON-SITE DEMOLITION LANDFILL PERMIT FROM THE ZONING ADMINISTRATOR.
 - ANY GRADING BEYOND THE LIMITS OF CONSTRUCTION SHOWN ON THIS PLAN IS SUBJECT TO A FINE.
 - GRADING 1 ACRE OR MORE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION AND SUBJECT TO A FINE.
 - ALL SLOPES MUST BE SEEDED AND MULCHED WITHIN 7 CALENDAR DAYS.
 - ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY THE EROSION CONTROL COORDINATOR.
 - SLOPES SHALL BE GRADED NO STEEPER THAN 3:1. FILL SLOPES GREATER THAN 10' REQUIRE ADEQUATE TERRACING. SLOPES GREATER THAN 3:1 SHALL RECEIVE MATTING.
 - ALL ELEVATIONS ARE IN REFERENCE TO THE SURVEYORS BENCHMARK WHICH MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO GROUND BREAKING.
 - ALL CONSTRUCTION TRAFFIC MUST BE THROUGH THE CONSTRUCTION ENTRANCE SHOWN ON THE APPROVED PLAN.
 - ALL EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE N.C. EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.
 - PERMANENT CUT AND FILL SLOPES PLACED ON A SUITABLE FOUNDATION SHOULD BE CONSTRUCTED AT 3:1 (HORIZONTAL TO VERTICAL) OR FLATTER. PERMANENT SLOPES OF 3:1 SHOULD BE CONSTRUCTED WHERE MOVING IS DESIRABLE AND AS INDICATED. IF FILL MATERIAL IS BROUGHT ONTO THE PROPERTY OR IF WASTE MATERIAL IS HAULED FROM THE PROPERTY THEN THE CONTRACTOR SHALL DISCLOSE THE LOCATION OF ANY ON-SITE AND/OR OFF-SITE BORROW LOCATION AND/OR WASTE BURIAL LOCATION TO THE EROSION CONTROL INSPECTOR. BORROW AND WASTE SITES MUST HAVE APPROVE EROSION CONTROL PLAN.
 - LIMITS OF CLEARING SHOWN ARE BASED ON CUT AND FILL SLOPES OR OTHER GRADING REQUIREMENTS.
 - CONTRACTOR SHALL INSTALL ALL EROSION CONTROL MEASURES AS INDICATED PRIOR TO GRADING OPERATIONS. NO DEVICE MAY BE REMOVED WITHOUT APPROVAL OF EROSION CONTROL COORDINATOR.
 - CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY WITH EXISTING CONTOURS.
 - ALL DISTANCES ARE HORIZONTAL GROUND.
 - ANCHOR SILT FENCE WITH STONE OR TREE PROTECTION ZONES. DO NOT BURY.
 - INLET PROTECTION IS REQUIRED FOR ALL INLETS LOCATED IN THE WORKING AREA.
 - INLET PROTECTION IS REQUIRED FOR ALL PHASES OF THE PROJECT AND UNTIL THE DISTURBED AREA IS FULLY STABILIZED.
 - SEDIMENT BASIN SLOPES SHALL BE STABILIZED AND SEEDED IMMEDIATELY AFTER CONSTRUCTION.
 - CONTRACTOR TO REPLACE ALL STAGING AND STOCKPILE AREAS TO PRE CONSTRUCTION CONDITIONS. PROVIDE PHOTO DOCUMENTATION OF PRE-CONSTRUCTION CONDITION AT THESE AREAS.
 - EROSION CONTROL IS A PERFORMANCE BASED DESIGN. FIELD CONDITIONS MAY WARRANT ADDITIONAL MEASURES OR MODIFICATIONS TO THE EROSION CONTROL PLANS AS DETERMINED BY THE CONTRACTOR, ENGINEER, OR INSPECTOR AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE AND MAINTAIN EROSION CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION.
 - EROSION CONTROL PHASING DEPICTED ON PLANS PROVIDE GENERAL PHASING OF EROSION CONTROL MEASURES TO BE INSTALLED. ADDITIONAL INTERIM PHASES MAY BE REQUIRED AS DETERMINED BY THE CONTRACTOR'S MEANS AND METHODS, CONSTRUCTION LOGISTICS PLAN, OR AS REQUIRED BY THE INSPECTOR. INTERIM MEASURES AND PHASES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHOULD BE COORDINATED WITH THE INSPECTOR DURING CONSTRUCTION.
 - GRADING DEPICTED ON EROSION CONTROL PLANS SHALL BE FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION. MATERIALS THAT ARE DEEMED UNSUITABLE AS A RESULT OF STANDING WATER DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE WITH SUITABLE MATERIAL. ANY DAMAGE TO EXISTING OR CONSTRUCTED FACILITIES CAUSED BY INTERIM DRAINAGE PATTERNS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.
- CONSTRUCTION SEQUENCE**
- PHASE 1**
- OBTAIN GRADING/EROSION CONTROL PLAN APPROVAL FROM THE CITY OF CHARLOTTE ENGINEERING DEPARTMENT.
 - FLAG THE CONSTRUCTION LIMITS AND MARK ANY TREES, WETLANDS, OR EXISTING STRUCTURES NOTED TO REMAIN.
 - SET UP AN ON-SITE PRE-CONSTRUCTION CONFERENCE WITH EROSION CONTROL INSPECTOR OF THE CITY ENGINEERING DEPARTMENT TO DISCUSS EROSION CONTROL MEASURES. FAILURE TO SCHEDULE SUCH CONFERENCE 48 HOURS PRIOR TO ANY LAND-DISTURBING ACTIVITY IS A VIOLATION OF THE CITY CODE AND IS SUBJECT TO FINE.
 - INSTALL TEMPORARY CONSTRUCTION ENTRANCES.
 - INSTALL ALL TEMPORARY SILT FENCE, TREE PROTECTION, AND ANY OTHER TEMPORARY MEASURES AS DEEMED NECESSARY BY THE EROSION CONTROL INSPECTOR.
 - COMPLETE SEDIMENT BASINS, CHECK DAMS AND DIVERSION DITCHES.
 - CALL FOR ON-SITE INSPECTION BY EROSION CONTROL INSPECTOR. WHEN APPROVED, INSPECTOR WILL ISSUE THE GRADING PERMIT AND CLEARING, GRUBBING AND DEMOLITION MAY BEGIN.
 - GENERAL CONTRACTOR SHALL ENSURE THAT EROSION CONTROL MEASURES ARE IN PLACE AND FUNCTIONING PRIOR TO GRUBBING AND GRADING OPERATIONS.
 - BEGIN CLEARING, GRUBBING AND DEMOLITION OPERATIONS. CLEARING AND GRUBBING SHALL BE DONE ONLY IN AREAS WHERE EARTHWORK WILL BE PERFORMED AND ONLY IN AREAS WHERE CONSTRUCTION IS PLANNED TO COMMENCE WITHIN 14 DAYS AFTER CLEARING AND GRUBBING.
 - BEGIN MASS GRADING, INSTALLING ADDITIONAL EROSION CONTROL MEASURES AS INDICATED, AS REQUIRED, AND AS DEEMED NECESSARY BY THE EROSION CONTROL INSPECTOR.
- PHASE 2A**
- BEGIN RETAINING WALL CONSTRUCTION AND CONSTRUCT SEGMENT #1 (RED) FROM SOUTHERN END OF PROJECT TO SKIMMER BASIN #1.
 - INSTALL UNDERGROUND VAULT #1 AND ASSOCIATED STORM DRAINAGE AS RETAINING WALL SEGMENT #1 PROGRESSES.
 - IN COORDINATION WITH SITE INSPECTOR UNDERGROUND VAULTS TO ACT AS SEDIMENT BASINS. AS WALL SEGMENT #1 IS BACKFILLED, CONTRACTOR TO DIVERT SURFACE RUNOFF TO UNDERGROUND VAULT #1 AND USE VAULT #1 AS SKIMMER BASIN.
 - AS RETAINING WALL CONSTRUCTION APPROACHES SEDIMENT BASIN 1, CONTRACTOR TO PROVIDE CITY EROSION CONTROL INSPECTOR ADEQUATE TIME TO REVIEW CONDITIONS ON SITE IN THE DRAINAGE AREA CONTRIBUTING TO SEDIMENT BASIN #1. IF CONTRIBUTING DRAINAGE AREA IS IN GOOD CONDITION, FIELD ADJUSTMENT CAN BE DIRECTED BY THE INSPECTOR TO DIVERT WATER ACCORDINGLY TO ALLOW FOR SEDIMENT BASIN #1 TO BE FILLED AND CONTINUE WITH RETAINING WALL CONSTRUCTION UNINTERRUPTED.
 - COORDINATE PHASING OUT OF SED BASIN #1 WITH INSPECTOR WHEN UNDERGROUND VAULT #1 IS FUNCTIONING AS SEDIMENT BASIN AND SURFACE RUNOFF IS BEING DIVERTED TO UNDERGROUND VAULT #1. REMOVE SKIMMER FROM SEDIMENT BASIN #1 AND PLACE SKIMMER INTO UNDERGROUND STRUCTURE WITHIN 3 DAYS OF REMOVAL OF BASIN. PERMISSION FROM EROSION CONTROL INSPECTOR IS REQUIRED PRIOR TO THIS CONVERSION.
- PHASE 2B**
- AFTER PHASING OUT OF SED BASIN #1, CONSTRUCT RETAINING WALL SEGMENT #2 FROM SED BASIN #1 TO SED BASIN #2.
 - CONTINUE MASS GRADING OF SITE AND INSTALL UNDERGROUND VAULT #3 AND ASSOCIATED STORM DRAINAGE AS RETAINING WALL SEGMENT #2 PROGRESSES.
 - IN COORDINATION WITH SITE INSPECTOR UNDERGROUND VAULTS TO ACT AS SEDIMENT BASINS. AS WALL SEGMENT #2 IS BACKFILLED, CONTRACTOR TO DIVERT SURFACE RUNOFF TO UNDERGROUND VAULT #3 AND USE VAULT #3 AS SKIMMER BASIN.
 - AS RETAINING WALL CONSTRUCTION APPROACHES SEDIMENT BASIN 2, CONTRACTOR TO PROVIDE CITY EROSION CONTROL INSPECTOR ADEQUATE TIME TO REVIEW CONDITIONS ON SITE IN THE DRAINAGE AREA CONTRIBUTING TO SEDIMENT BASIN #2. IF CONTRIBUTING DRAINAGE AREA IS IN GOOD CONDITION, FIELD ADJUSTMENT CAN BE DIRECTED BY THE INSPECTOR TO DIVERT WATER ACCORDINGLY TO ALLOW FOR SEDIMENT BASIN #2 TO BE FILLED AND CONTINUE WITH RETAINING WALL CONSTRUCTION UNINTERRUPTED.
 - COORDINATE PHASING OUT OF SED BASIN #3 WITH INSPECTOR WHEN UNDERGROUND VAULT #3 IS FUNCTIONING AS SEDIMENT BASIN AND SURFACE RUNOFF IS BEING DIVERTED TO UNDERGROUND VAULT #3. REMOVE SKIMMER FROM SEDIMENT BASIN #3 AND PLACE SKIMMER INTO UNDERGROUND STRUCTURE WITHIN 3 DAYS OF REMOVAL OF BASIN. PERMISSION FROM EROSION CONTROL INSPECTOR IS REQUIRED PRIOR TO THIS CONVERSION.
- PHASE 2C**
- AFTER PHASING OUT OF SED BASIN #3, CONSTRUCT RETAINING WALL SEGMENT #3 FROM SED BASIN #2 TO NORTH END OF SITE.
 - CONTINUE MASS GRADING OF SITE AND INSTALL UNDERGROUND VAULT #2 AND ASSOCIATED STORM DRAINAGE AS RETAINING WALL SEGMENT #3 PROGRESSES.
 - IN COORDINATION WITH SITE INSPECTOR UNDERGROUND VAULTS TO ACT AS SEDIMENT BASINS. AS WALL SEGMENT #3 IS BACKFILLED, CONTRACTOR TO DIVERT SURFACE RUNOFF TO UNDERGROUND VAULT #2 AND USE VAULT #2 AS SKIMMER BASIN.
 - COORDINATE PHASING OUT OF SED BASIN #2 WITH INSPECTOR WHEN UNDERGROUND VAULT #2 IS FUNCTIONING AS SEDIMENT BASIN AND SURFACE RUNOFF IS BEING DIVERTED TO UNDERGROUND VAULT #2. REMOVE SKIMMER FROM SEDIMENT BASIN #2 AND PLACE SKIMMER INTO UNDERGROUND STRUCTURE WITHIN 3 DAYS OF REMOVAL OF BASIN. PERMISSION FROM EROSION CONTROL INSPECTOR IS REQUIRED PRIOR TO THIS CONVERSION.
- PHASE 3**
- CONTINUE MAINTENANCE OF EROSION CONTROL MEASURES.
 - STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDED AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE.
 - NO DEVICE SHALL BE REMOVED UNTIL SITE IS STABILIZED AND WITH APPROVAL FROM EROSION CONTROL INSPECTOR.
 - ALL EROSION CONTROL DEVICES SHOULD BE MONITORED ONCE A WEEK AND AFTER EVERY 1" RAIN EVENT OR GREATER BY A CERTIFIED INSPECTOR. IF ANY FAILURES ARE FOUND THEY SHOULD BE REPAIRED AS SOON AS POSSIBLE.
 - ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE N.C. EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL, U.S. DEPT. OF AGRICULTURE, CITY OF CHARLOTTE, EROSION CONTROL ORDINANCE, AND THE CHARLOTTE LAND DEVELOPMENT STANDARDS.
 - APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
 - UPON STABILIZATION OF ALL UPSTREAM AREA, SKIMMER SEDIMENT VAULT TO BE MUCKED OUT AND CONVERTED TO UNDERGROUND DETENTION.



PROJECT

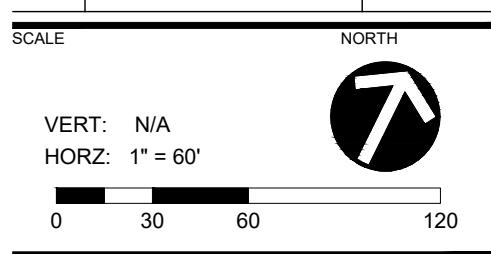
WEGMANS BALLANTYNE

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 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024



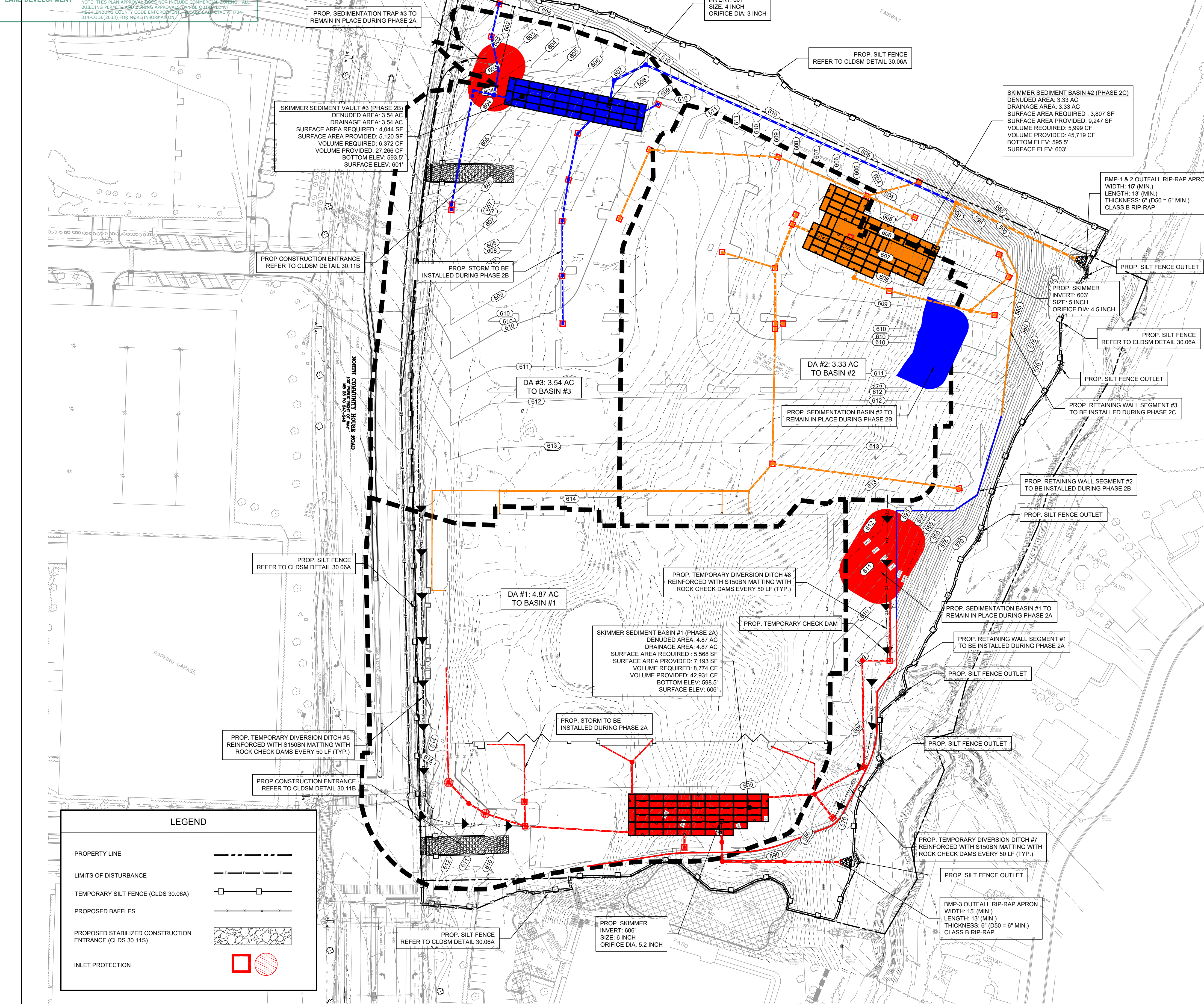
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EROSION CONTROL PLAN - PH1

SHEET NUMBER

C2-00

NOTE: THIS PLAN TO BE PRINTED IN COLOR

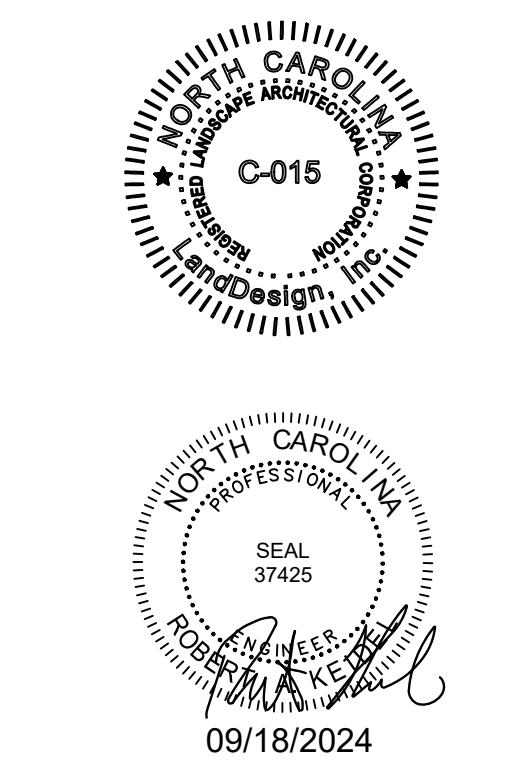
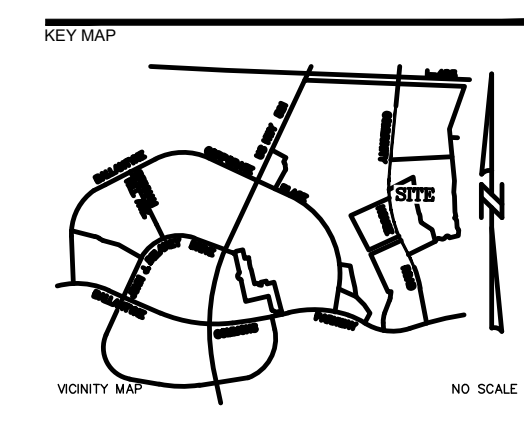


EROSION CONTROL NOTES:

- CONTRACTOR TO PROVIDE AS MUCH SPACE AS POSSIBLE BETWEEN TOE OF FILL SLOPE AND SILT FENCE.
- PLEASE CONTACT CITY INSPECTOR TO ADVISE ON START DATE AND SCHEDULE PRE-CONSTRUCTION MEETING.
- ON-SITE BURIAL PITS REQUIRE AN ON-SITE DEMOLITION LANDFILL PERMIT FROM THE ZONING ADMINISTRATOR.
- ANY GRADING BEYOND THE LIMITS OF CONSTRUCTION SHOWN ON THIS PLAN IS SUBJECT TO A FINE.
- GRADING 1 ACRE OR MORE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION AND SUBJECT TO A FINE.
- ALL SLOPES MUST BE SEEDED AND MULCHED WITHIN 7 CALENDAR DAYS.
- ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY THE EROSION CONTROL COORDINATOR.
- SLOPES SHALL BE GRADED NO STEEPER THAN 3:1. FILL SLOPES GREATER THAN 10' REQUIRE ADEQUATE TERRACING. SLOPES GREATER THAN 3:1 SHALL RECEIVE MATTING.
- ALL ELEVATIONS ARE IN REFERENCE TO THE SURVEYORS BENCHMARK WHICH MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO GROUND BREAKING.
- ALL CONSTRUCTION TRAFFIC MUST BE THROUGH THE CONSTRUCTION ENTRANCE SHOWN ON THE APPROVED PLAN.
- ALL EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE N.C. EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.
- PERMANENT CUT AND FILL SLOPES PLACED ON A SUITABLE FOUNDATION SHOULD BE CONSTRUCTED AT 3:1 (HORIZONTAL TO VERTICAL) OR FLATTER. PERMANENT SLOPES OF 3:1 SHOULD BE CONSTRUCTED WHERE MOVING IS DESIRABLE AND AS INDICATED. IF FILL MATERIAL IS BROUGHT ONTO THE PROPERTY OR IF WASTE MATERIAL IS HAULED FROM THE PROPERTY THEN THE CONTRACTOR SHALL DISCLOSE THE LOCATION OF ANY ON-SITE AND/OR OFF-SITE BORROW LOCATION AND/OR WASTE BURIAL LOCATION TO THE EROSION CONTROL INSPECTOR. BORROW AND WASTE SITES MUST HAVE APPROVE EROSION CONTROL PLAN.
- LIMITS OF CLEARING SHOWN ARE BASED ON CUT AND FILL SLOPES OR OTHER GRADING REQUIREMENTS.
- CONTRACTOR SHALL INSTALL ALL EROSION CONTROL MEASURES AS INDICATED PRIOR TO GRADING OPERATIONS. NO DEVICE MAY BE REMOVED WITHOUT APPROVAL OF EROSION CONTROL COORDINATOR.
- CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY WITH EXISTING CONTOURS.
- ALL DISTANCES ARE HORIZONTAL GROUND.
- ANCHOR SILT FENCE WITH STONE OR TREE PROTECTION ZONES. DO NOT BURY.
- INLET PROTECTION IS REQUIRED FOR ALL INLETS LOCATED IN THE WORKING AREA.
- INLET PROTECTION IS REQUIRED FOR ALL PHASES OF THE PROJECT AND UNTIL THE DISTURBED AREA IS FULLY STABILIZED.
- SEDIMENT BASINS SHALL BE STABILIZED AND SEEDED IMMEDIATELY AFTER CONSTRUCTION.
- CONTRACTOR TO REPLACE ALL STAGING AND STOCKPILE AREAS TO PRE CONSTRUCTION CONDITIONS. PROVIDE PHOTO DOCUMENTATION OF PRE-CONSTRUCTION CONDITION AT THESE AREAS.
- EROSION CONTROL IS A PERFORMANCE BASED DESIGN. FIELD CONDITIONS MAY WARRANT ADDITIONAL MEASURES OR MODIFICATIONS TO THE EROSION CONTROL PLANS AS DETERMINED BY THE CONTRACTOR, ENGINEER, OR INSPECTOR AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE AND MAINTAIN EROSION CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION.
- EROSION CONTROL PHASING DEPICTED ON PLANS PROVIDE GENERAL PHASING OF EROSION CONTROL MEASURES TO BE INSTALLED. ADDITIONAL INTERIM PHASES MAY BE REQUIRED AS DETERMINED BY THE CONTRACTOR'S MEANS AND METHODS, CONSTRUCTION LOGISTICS PLAN, OR AS REQUIRED BY THE INSPECTOR. INTERIM MEASURES AND PHASES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHOULD BE COORDINATED WITH THE INSPECTOR DURING CONSTRUCTION.
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CONSTRUCTION SEQUENCE

- PHASE 1**
- OBTAIN GRADING/EROSION CONTROL PLAN APPROVAL FROM THE CITY OF CHARLOTTE ENGINEERING DEPARTMENT.
 - FLAG THE CONSTRUCTION LIMITS AND MARK ANY TREES, WETLANDS, OR EXISTING STRUCTURES NOTED TO REMAIN.
 - SET UP AN ON-SITE PRE-CONSTRUCTION CONFERENCE WITH EROSION CONTROL INSPECTOR OF THE CITY ENGINEERING DEPARTMENT TO DISCUSS EROSION CONTROL MEASURES. FAILURE TO SCHEDULE SUCH CONFERENCE 48 HOURS PRIOR TO ANY LAND-DISTURBING ACTIVITY IS A VIOLATION OF THE CITY CODE AND IS SUBJECT TO FINE.
 - INSTALL TEMPORARY CONSTRUCTION ENTRANCES.
 - INSTALL ALL TEMPORARY SILT FENCE, TREE PROTECTION, AND ANY OTHER TEMPORARY MEASURES AS DEEMED NECESSARY BY THE EROSION CONTROL INSPECTOR.
 - COMPLETE SEDIMENT BASINS, CHECK DAMS AND DIVERSION DITCHES.
 - CALL FOR ON-SITE INSPECTION BY EROSION CONTROL INSPECTOR. WHEN APPROVED, INSPECTOR WILL ISSUE THE GRADING PERMIT AND CLEARING, GRUBBING AND DEMOLITION MAY BEGIN.
 - GENERAL CONTRACTOR SHALL ENSURE THAT EROSION CONTROL MEASURES ARE IN PLACE AND FUNCTIONING PRIOR TO GRUBBING AND GRADING OPERATIONS.
 - BEGIN CLEARING, GRUBBING AND DEMOLITION OPERATIONS. CLEARING AND GRUBBING SHALL BE DONE ONLY IN AREAS WHERE EARTHWORK WILL BE PERFORMED AND ONLY IN AREAS WHERE CONSTRUCTION IS PLANNED TO COMMENCE WITHIN 14 DAYS AFTER CLEARING AND GRUBBING.
 - BEGIN MASS GRADING, INSTALLING ADDITIONAL EROSION CONTROL MEASURES AS INDICATED, AS REQUIRED, AND AS DEEMED NECESSARY BY THE EROSION CONTROL INSPECTOR.
- PHASE 2A**
- BEGIN RETAINING WALL CONSTRUCTION AND CONSTRUCT SEGMENT #1 (RED) FROM SOUTHERN END OF PROJECT TO SKIMMER BASIN #1.
 - INSTALL UNDERGROUND VAULT #1 AND ASSOCIATED STORM DRAINAGE AS RETAINING WALL SEGMENT #1 PROGRESSES.
 - IN COORDINATION WITH SITE INSPECTOR UNDERGROUND VAULTS TO ACT AS SEDIMENT BASINS. AS WALL SEGMENT #1 IS BACKFILLED, CONTRACTOR TO DIVERT SURFACE RUNOFF TO UNDERGROUND VAULT #1 AND USE VAULT #1 AS SKIMMER BASIN.
 - AS RETAINING WALL CONSTRUCTION APPROACHES SEDIMENT BASIN 1, CONTRACTOR TO PROVIDE CITY EROSION CONTROL INSPECTOR ADEQUATE TIME TO REVIEW CONDITIONS ON SITE IN THE DRAINAGE AREA CONTRIBUTING TO SEDIMENT BASIN #1. IF CONTRIBUTING DRAINAGE AREA IS IN GOOD CONDITION, FIELD ADJUSTMENT CAN BE DIRECTED BY THE INSPECTOR TO DIVERT WATER ACCORDINGLY TO ALLOW FOR SEDIMENT BASIN #1 TO BE FILLED AND CONTINUE WITH RETAINING WALL CONSTRUCTION UNINTERRUPTED.
 - COORDINATE PHASING OUT OF SED BASIN #1 WITH INSPECTOR WHEN UNDERGROUND VAULT #1 IS FUNCTIONING AS SEDIMENT BASIN AND SURFACE RUNOFF IS BEING DIVERTED TO UNDERGROUND VAULT #1. REMOVE SKIMMER FROM SEDIMENT BASIN #1 AND PLACE SKIMMER INTO UNDERGROUND STRUCTURE WITHIN 3 DAYS OF REMOVAL OF BASIN. PERMISSION FROM EROSION CONTROL INSPECTOR IS REQUIRED PRIOR TO THIS CONVERSION.
- PHASE 2B**
- AFTER PHASING OUT OF SED BASIN #1, CONSTRUCT RETAINING WALL SEGMENT #2 FROM SED BASIN #1 TO SED BASIN #2.
 - CONTINUE MASS GRADING OF SITE AND INSTALL UNDERGROUND VAULT #3 AND ASSOCIATED STORM DRAINAGE AS RETAINING WALL SEGMENT #2 PROGRESSES.
 - IN COORDINATION WITH SITE INSPECTOR UNDERGROUND VAULTS TO ACT AS SEDIMENT BASINS. AS WALL SEGMENT #2 IS BACKFILLED, CONTRACTOR TO DIVERT SURFACE RUNOFF TO UNDERGROUND VAULT #3 AND USE VAULT #3 AS SKIMMER BASIN.
 - AS RETAINING WALL CONSTRUCTION APPROACHES SEDIMENT BASIN 2, CONTRACTOR TO PROVIDE CITY EROSION CONTROL INSPECTOR ADEQUATE TIME TO REVIEW CONDITIONS ON SITE IN THE DRAINAGE AREA CONTRIBUTING TO SEDIMENT BASIN #2. IF CONTRIBUTING DRAINAGE AREA IS IN GOOD CONDITION, FIELD ADJUSTMENT CAN BE DIRECTED BY THE INSPECTOR TO DIVERT WATER ACCORDINGLY TO ALLOW FOR SEDIMENT BASIN #2 TO BE FILLED AND CONTINUE WITH RETAINING WALL CONSTRUCTION UNINTERRUPTED.
 - COORDINATE PHASING OUT OF SED BASIN #3 WITH INSPECTOR WHEN UNDERGROUND VAULT #3 IS FUNCTIONING AS SEDIMENT BASIN AND SURFACE RUNOFF IS BEING DIVERTED TO UNDERGROUND VAULT #3. REMOVE SKIMMER FROM SEDIMENT BASIN #3 AND PLACE SKIMMER INTO UNDERGROUND STRUCTURE WITHIN 3 DAYS OF REMOVAL OF BASIN. PERMISSION FROM EROSION CONTROL INSPECTOR IS REQUIRED PRIOR TO THIS CONVERSION.
- PHASE 2C**
- AFTER PHASING OUT OF SED BASIN #3, CONSTRUCT RETAINING WALL SEGMENT #3 FROM SED BASIN #2 TO NORTH END OF SITE.
 - CONTINUE MASS GRADING OF SITE AND INSTALL UNDERGROUND VAULT #2 AND ASSOCIATED STORM DRAINAGE AS RETAINING WALL SEGMENT #3 PROGRESSES.
 - IN COORDINATION WITH SITE INSPECTOR UNDERGROUND VAULTS TO ACT AS SEDIMENT BASINS. AS WALL SEGMENT #3 IS BACKFILLED, CONTRACTOR TO DIVERT SURFACE RUNOFF TO UNDERGROUND VAULT #2 AND USE VAULT #2 AS SKIMMER BASIN.
 - COORDINATE PHASING OUT OF SED BASIN #2 WITH INSPECTOR WHEN UNDERGROUND VAULT #2 IS FUNCTIONING AS SEDIMENT BASIN AND SURFACE RUNOFF IS BEING DIVERTED TO UNDERGROUND VAULT #2. REMOVE SKIMMER FROM SEDIMENT BASIN #2 AND PLACE SKIMMER INTO UNDERGROUND STRUCTURE WITHIN 3 DAYS OF REMOVAL OF BASIN. PERMISSION FROM EROSION CONTROL INSPECTOR IS REQUIRED PRIOR TO THIS CONVERSION.
- PHASE 3**
- CONTINUE MAINTENANCE OF EROSION CONTROL MEASURES.
 - STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDED AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE.
 - NO DEVICE SHALL BE REMOVED UNTIL SITE IS STABILIZED AND WITH APPROVAL FROM EROSION CONTROL INSPECTOR.
 - ALL EROSION CONTROL DEVICES SHOULD BE MONITORED ONCE A WEEK AND AFTER EVERY 1" RAIN EVENT OR GREATER BY A CERTIFIED INSPECTOR. IF ANY FAILURES ARE FOUND THEY SHOULD BE REPAIRED AS SOON AS POSSIBLE.
 - ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE N.C. EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL, U.S. DEPT. OF AGRICULTURE, CITY OF CHARLOTTE, EROSION CONTROL ORDINANCE, AND THE CHARLOTTE LAND DEVELOPMENT STANDARDS.
 - APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
 - UPON STABILIZATION OF ALL UPSTREAM AREA, SKIMMER SEDIMENT VAULT TO BE MUCKED OUT AND CONVERTED TO UNDERGROUND DETENTION.



WEGMANS BALLANTYNE

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LANDDESIGN PROJ# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE: 1" = 60'

VERT: N/A
 HORIZ: 1" = 60'

EROSION CONTROL PLAN - PH 2

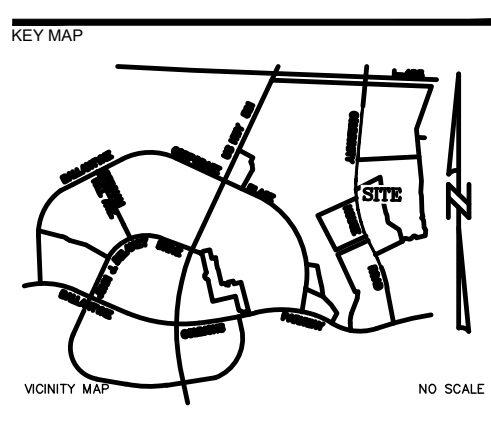
SHEET NUMBER: C2-01

EROSION CONTROL NOTES:

- CONTRACTOR TO PROVIDE AS MUCH SPACE AS POSSIBLE BETWEEN TOE OF FILL SLOPE AND SILT FENCE.
- PLEASE CONTACT CITY INSPECTOR TO ADVISE ON START DATE AND SCHEDULE PRE-CONSTRUCTION MEETING.
- ON-SITE BURIAL PITS REQUIRE AN ON-SITE DEMOLITION LANDFILL PERMIT FROM THE ZONING ADMINISTRATOR.
- ANY GRADING BEYOND THE LIMITS OF CONSTRUCTION SHOWN ON THIS PLAN IS SUBJECT TO A FINE.
- GRADING 1 ACRE OR MORE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION AND SUBJECT TO A FINE.
- ALL SLOPES MUST BE SEEDED AND MULCHED WITHIN 7 CALENDAR DAYS.
- ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY THE EROSION CONTROL COORDINATOR.
- SLOPES SHALL BE GRADED NO STEEPER THAN 3:1. FILL SLOPES GREATER THAN 10' REQUIRE ADEQUATE TERRACING. SLOPES GREATER THAN 3:1 SHALL RECEIVE MATTING.
- ALL ELEVATIONS ARE IN REFERENCE TO THE SURVEYORS BENCHMARK WHICH MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO GROUND BREAKING.
- ALL CONSTRUCTION TRAFFIC MUST BE THROUGH THE CONSTRUCTION ENTRANCE SHOWN ON THE APPROVED PLAN.
- ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE N.C. EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.
- PERMANENT CUT AND FILL SLOPES PLACED ON A SUITABLE FOUNDATION SHOULD BE CONSTRUCTED AT 3:1 (HORIZONTAL TO VERTICAL) OR FLATTER. PERMANENT SLOPES OF 3:1 SHOULD BE CONSTRUCTED WHERE MOVING IS DESIRABLE AND AS INDICATED. IF FILL MATERIAL IS BROUGHT ONTO THE PROPERTY OR IF WASTE MATERIAL IS HAULED FROM THE PROPERTY THEN THE CONTRACTOR SHALL DISCLOSE THE LOCATION OF ANY ON-SITE AND/OR OFF-SITE BORROW LOCATION AND/OR WASTE BURIAL LOCATION TO THE EROSION CONTROL INSPECTOR. BORROW AND WASTE SITES MUST HAVE APPROVE EROSION CONTROL PLAN.
- LIMITS OF CLEARING SHOWN ARE BASED ON CUT AND FILL SLOPES OR OTHER GRADING REQUIREMENTS.
- CONTRACTOR SHALL INSTALL ALL EROSION CONTROL MEASURES AS INDICATED PRIOR TO GRADING OPERATIONS. NO DEVICE MAY BE REMOVED WITHOUT APPROVAL OF EROSION CONTROL COORDINATOR.
- CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY WITH EXISTING CONTOURS.
- ALL DISTANCES ARE HORIZONTAL GROUND.
- ANCHOR SILT FENCE WITH STONE ON TREE PROTECTION ZONES. DO NOT BURY.
- INLET PROTECTION IS REQUIRED FOR ALL INLETS LOCATED IN THE WORKING AREA.
- INLET PROTECTION IS REQUIRED FOR ALL PHASES OF THE PROJECT AND UNTIL THE DISTURBED AREA IS FULLY STABILIZED.
- SEDIMENT BASIN SLOPES SHALL BE STABILIZED AND SEEDED IMMEDIATELY AFTER CONSTRUCTION.
- CONTRACTOR TO REPLACE ALL STAGING AND STOCKPILE AREAS TO PRE CONSTRUCTION CONDITIONS. PROVIDE PHOTO DOCUMENTATION OF PRE-CONSTRUCTION CONDITION AT THESE AREAS.
- EROSION CONTROL IS A PERFORMANCE BASED DESIGN. FIELD CONDITIONS MAY WARRANT ADDITIONAL MEASURES OR MODIFICATIONS TO THE EROSION CONTROL PLANS AS DETERMINED BY THE CONTRACTOR, ENGINEER, OR INSPECTOR AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE AND MAINTAIN EROSION CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION.
- EROSION CONTROL PHASING DEPICTED ON PLANS PROVIDE GENERAL PHASING OF EROSION CONTROL MEASURES TO BE INSTALLED. ADDITIONAL INTERIM PHASES MAY BE REQUIRED AS DETERMINED BY THE CONTRACTOR'S MEANS AND METHODS. CONSTRUCTION LOGISTICS PLAN, OR AS REQUIRED BY THE INSPECTOR. INTERIM MEASURES AND PHASES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHOULD BE COORDINATED WITH THE INSPECTOR DURING CONSTRUCTION.
- GRADING DEPicted ON EROSION CONTROL PLANS SHALL BE FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION. MATERIALS THAT ARE DEEMED UNSUITABLE AS A RESULT OF STANDING WATER DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE WITH SUITABLE MATERIAL. ANY DAMAGE TO EXISTING OR CONSTRUCTED FACILITIES CAUSED BY INTERIM DRAINAGE PATTERNS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.

CONSTRUCTION SEQUENCE

- PHASE 1**
- OBTAIN GRADING/EROSION CONTROL PLAN APPROVAL FROM THE CITY OF CHARLOTTE ENGINEERING DEPARTMENT.
 - FLAG THE CONSTRUCTION LIMITS AND MARK ANY TREES, WETLANDS, OR EXISTING STRUCTURES NOTED TO REMAIN.
 - SET UP AN ON-SITE PRE-CONSTRUCTION CONFERENCE WITH EROSION CONTROL INSPECTOR OF THE CITY ENGINEERING DEPARTMENT TO DISCUSS EROSION CONTROL MEASURES. FAILURE TO SCHEDULE SUCH CONFERENCE 48 HOURS PRIOR TO ANY LAND-DISTURBING ACTIVITY IS A VIOLATION OF THE CITY CODE AND IS SUBJECT TO FINE.
 - INSTALL TEMPORARY CONSTRUCTION ENTRANCES.
 - INSTALL ALL TEMPORARY SILT FENCE, TREE PROTECTION, AND ANY OTHER TEMPORARY MEASURES AS DEEMED NECESSARY BY THE EROSION CONTROL INSPECTOR.
 - COMPLETE SEDIMENT BASINS, CHECK DAMS AND DIVERSION DITCHES.
 - CALL FOR ON-SITE INSPECTION BY EROSION CONTROL INSPECTOR. WHEN APPROVED, INSPECTOR WILL ISSUE THE GRADING PERMIT AND CLEARING, GRUBBING AND DEMOLITION MAY BEGIN.
 - GENERAL CONTRACTOR SHALL ENSURE THAT EROSION CONTROL MEASURES ARE IN PLACE AND FUNCTIONING PRIOR TO GRUBBING AND GRADING OPERATIONS.
 - BEGIN CLEARING, GRUBBING AND DEMOLITION OPERATIONS. CLEARING AND GRUBBING SHALL BE DONE ONLY IN AREAS WHERE EARTHWORK WILL BE PERFORMED AND ONLY IN AREAS WHERE CONSTRUCTION IS PLANNED TO COMMENCE WITHIN 14 DAYS AFTER CLEARING AND GRUBBING.
 - BEGIN MASS GRADING, INSTALLING ADDITIONAL EROSION CONTROL MEASURES AS INDICATED, AS REQUIRED, AND AS DEEMED NECESSARY BY THE EROSION CONTROL INSPECTOR.
- PHASE 2A**
- BEGIN RETAINING WALL CONSTRUCTION AND CONSTRUCT SEGMENT #1 (RED) FROM SOUTHERN END OF PROJECT TO SKIMMER BASIN #1.
 - INSTALL UNDERGROUND VAULT #1 AND ASSOCIATED STORM DRAINAGE AS RETAINING WALL SEGMENT #1 PROGRESSES.
 - IN COORDINATION WITH SITE INSPECTOR UNDERGROUND VAULTS TO ACT AS SEDIMENT BASINS. AS WALL SEGMENT #1 IS BACKFILLED, CONTRACTOR TO DIVERT SURFACE RUNOFF TO UNDERGROUND VAULT #1 AND USE VAULT #1 AS SKIMMER BASIN.
 - AS RETAINING WALL CONSTRUCTION APPROACHES SEDIMENT BASIN 1, CONTRACTOR TO PROVIDE CITY EROSION CONTROL INSPECTOR ADEQUATE TIME TO REVIEW CONDITIONS ON SITE IN THE DRAINAGE AREA CONTRIBUTING TO SEDIMENT BASIN #1. IF CONTRIBUTING DRAINAGE AREA IS IN GOOD CONDITION, FIELD ADJUSTMENT CAN BE DIRECTED BY THE INSPECTOR TO DIVERT WATER ACCORDINGLY TO ALLOW FOR SEDIMENT BASIN #1 TO BE FILLED AND CONTINUE WITH RETAINING WALL CONSTRUCTION UNINTERRUPTED.
 - COORDINATE PHASING OUT OF SED BASIN #1 WITH INSPECTOR WHEN UNDERGROUND VAULT #1 IS FUNCTIONING AS SEDIMENT BASIN AND SURFACE RUNOFF IS BEING DIVERTED TO UNDERGROUND VAULT #1. REMOVE SKIMMER FROM SEDIMENT BASIN #1 AND PLACE SKIMMER INTO UNDERGROUND STRUCTURE WITHIN 3 DAYS OF REMOVAL OF BASIN. PERMISSION FROM EROSION CONTROL INSPECTOR IS REQUIRED PRIOR TO THIS CONVERSION.
- PHASE 2B**
- AFTER PHASING OUT OF SED BASIN #1, CONSTRUCT RETAINING WALL SEGMENT #2 FROM SED BASIN #1 TO SED BASIN #2.
 - CONTINUE MASS GRADING OF SITE AND INSTALL UNDERGROUND VAULT #3 AND ASSOCIATED STORM DRAINAGE AS RETAINING WALL SEGMENT #2 PROGRESSES.
 - IN COORDINATION WITH SITE INSPECTOR UNDERGROUND VAULTS TO ACT AS SEDIMENT BASINS. AS WALL SEGMENT #2 IS BACKFILLED, CONTRACTOR TO DIVERT SURFACE RUNOFF TO UNDERGROUND VAULT #3 AND USE VAULT #3 AS SKIMMER BASIN.
 - AS RETAINING WALL CONSTRUCTION APPROACHES SEDIMENT BASIN 2, CONTRACTOR TO PROVIDE CITY EROSION CONTROL INSPECTOR ADEQUATE TIME TO REVIEW CONDITIONS ON SITE IN THE DRAINAGE AREA CONTRIBUTING TO SEDIMENT BASIN #2. IF CONTRIBUTING DRAINAGE AREA IS IN GOOD CONDITION, FIELD ADJUSTMENT CAN BE DIRECTED BY THE INSPECTOR TO DIVERT WATER ACCORDINGLY TO ALLOW FOR SEDIMENT BASIN #2 TO BE FILLED AND CONTINUE WITH RETAINING WALL CONSTRUCTION UNINTERRUPTED.
 - COORDINATE PHASING OUT OF SED BASIN #2 WITH INSPECTOR WHEN UNDERGROUND VAULT #2 IS FUNCTIONING AS SEDIMENT BASIN AND SURFACE RUNOFF IS BEING DIVERTED TO UNDERGROUND VAULT #2. REMOVE SKIMMER FROM SEDIMENT BASIN #2 AND PLACE SKIMMER INTO UNDERGROUND STRUCTURE WITHIN 3 DAYS OF REMOVAL OF BASIN. PERMISSION FROM EROSION CONTROL INSPECTOR IS REQUIRED PRIOR TO THIS CONVERSION.
- PHASE 2C**
- AFTER PHASING OUT OF SED BASIN #3, CONSTRUCT RETAINING WALL SEGMENT #3 FROM SED BASIN #2 TO NORTH END OF SITE.
 - CONTINUE MASS GRADING OF SITE AND INSTALL UNDERGROUND VAULT #2 AND ASSOCIATED STORM DRAINAGE AS RETAINING WALL SEGMENT #3 PROGRESSES.
 - IN COORDINATION WITH SITE INSPECTOR UNDERGROUND VAULTS TO ACT AS SEDIMENT BASINS. AS WALL SEGMENT #3 IS BACKFILLED, CONTRACTOR TO DIVERT SURFACE RUNOFF TO UNDERGROUND VAULT #2 AND USE VAULT #2 AS SKIMMER BASIN.
 - COORDINATE PHASING OUT OF SED BASIN #2 WITH INSPECTOR WHEN UNDERGROUND VAULT #2 IS FUNCTIONING AS SEDIMENT BASIN AND SURFACE RUNOFF IS BEING DIVERTED TO UNDERGROUND VAULT #2. REMOVE SKIMMER FROM SEDIMENT BASIN #2 AND PLACE SKIMMER INTO UNDERGROUND STRUCTURE WITHIN 3 DAYS OF REMOVAL OF BASIN. PERMISSION FROM EROSION CONTROL INSPECTOR IS REQUIRED PRIOR TO THIS CONVERSION.
- PHASE 3**
- CONTINUE MAINTENANCE OF EROSION CONTROL MEASURES.
 - STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDEED AREAS AND ESPECIALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE.
 - NO DEVICE SHALL BE REMOVED UNTIL SITE IS STABILIZED AND WITH APPROVAL FROM EROSION CONTROL INSPECTOR.
 - ALL EROSION CONTROL DEVICES SHOULD BE MONITORED ONCE A WEEK AND AFTER EVERY 1" RAIN EVENT OR GREATER BY A CERTIFIED INSPECTOR. IF ANY FAILURES ARE FOUND THEY SHOULD BE REPAIRED AS SOON AS POSSIBLE.
 - ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE N.C. EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL, U.S. DEPT. OF AGRICULTURE, CITY OF CHARLOTTE, EROSION CONTROL ORDINANCE, AND THE CHARLOTTE LAND DEVELOPMENT STANDARDS.
 - APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
 - UPON STABILIZATION OF ALL UPSTREAM AREA, SKIMMER SEDIMENT VAULT TO BE MUCKED OUT AND CONVERTED TO UNDERGROUND DETENTION.

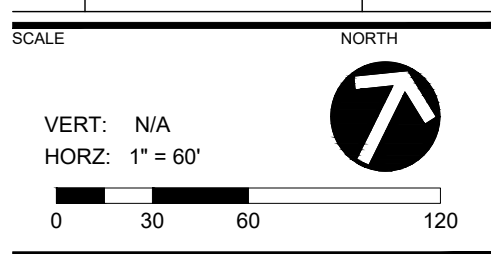


WEGMANS BALLANTYNE
 WEGMANS
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ# 1023199

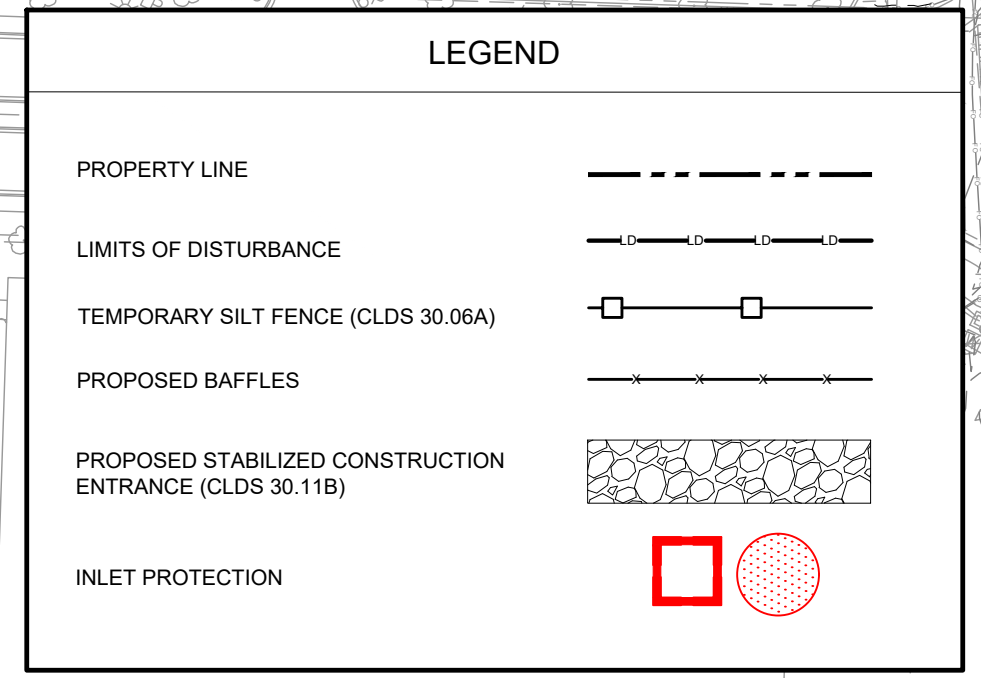
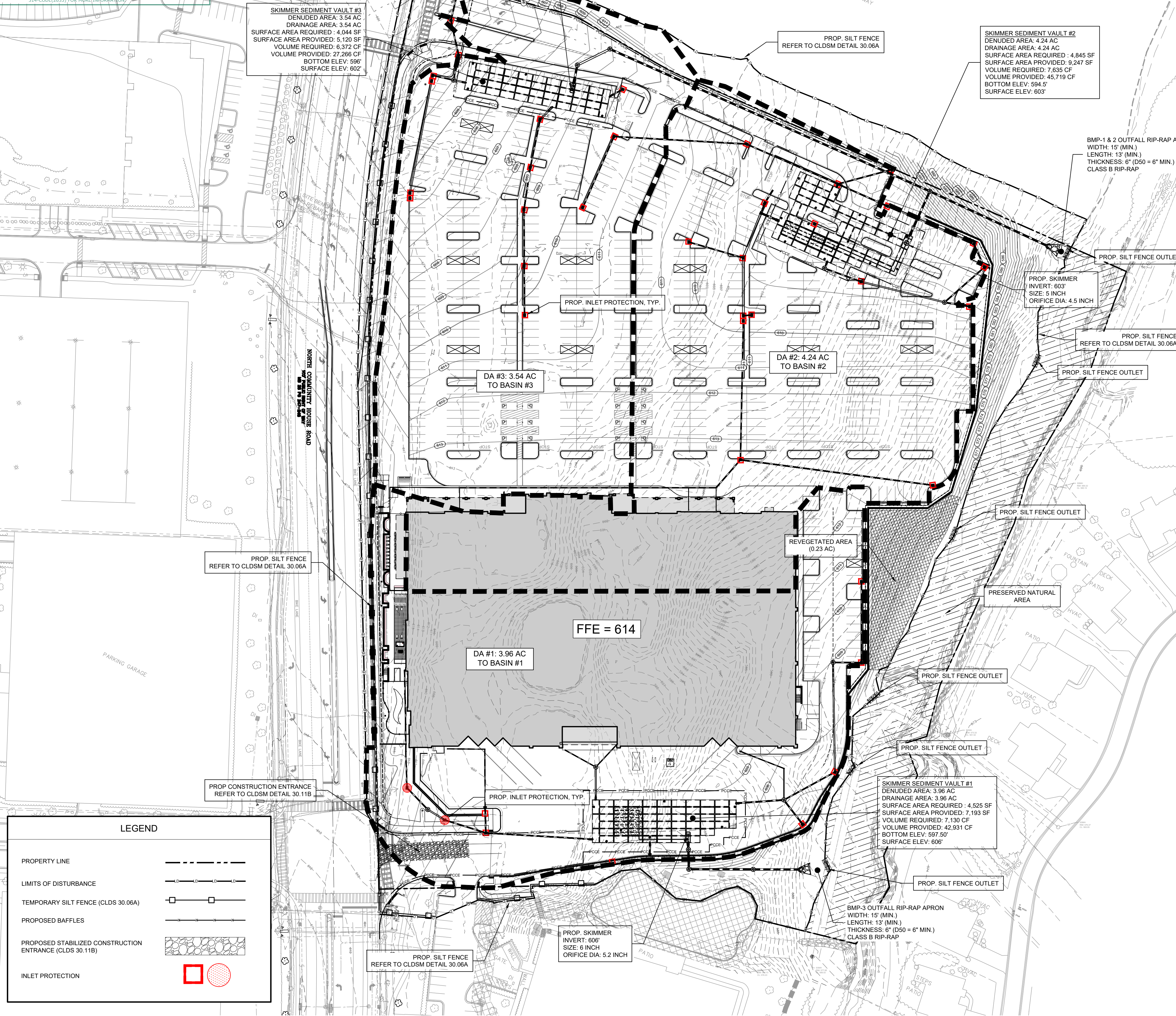
REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024



EROSION CONTROL PLAN - PH3

SHEET NUMBER **C2-03**

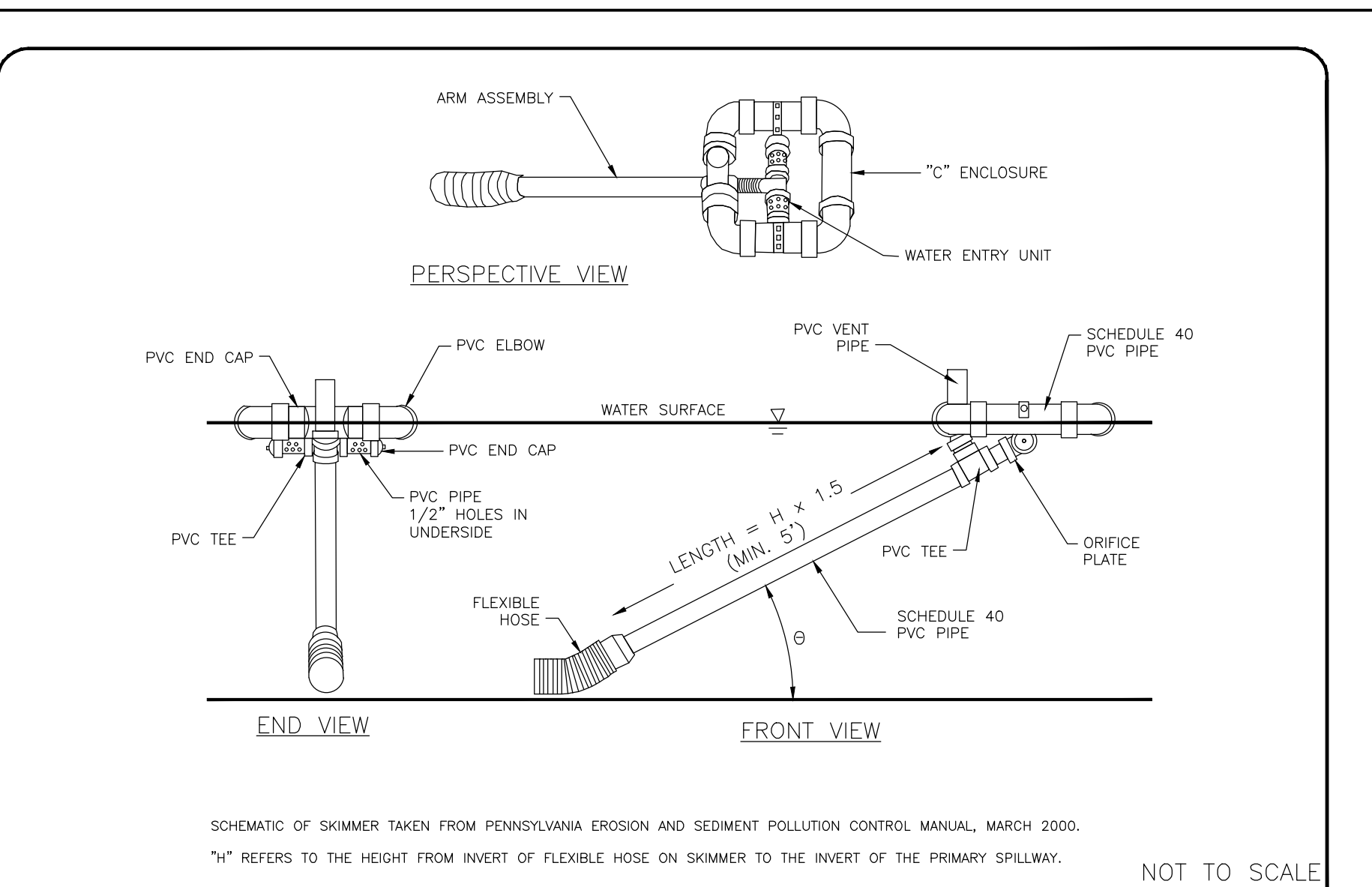
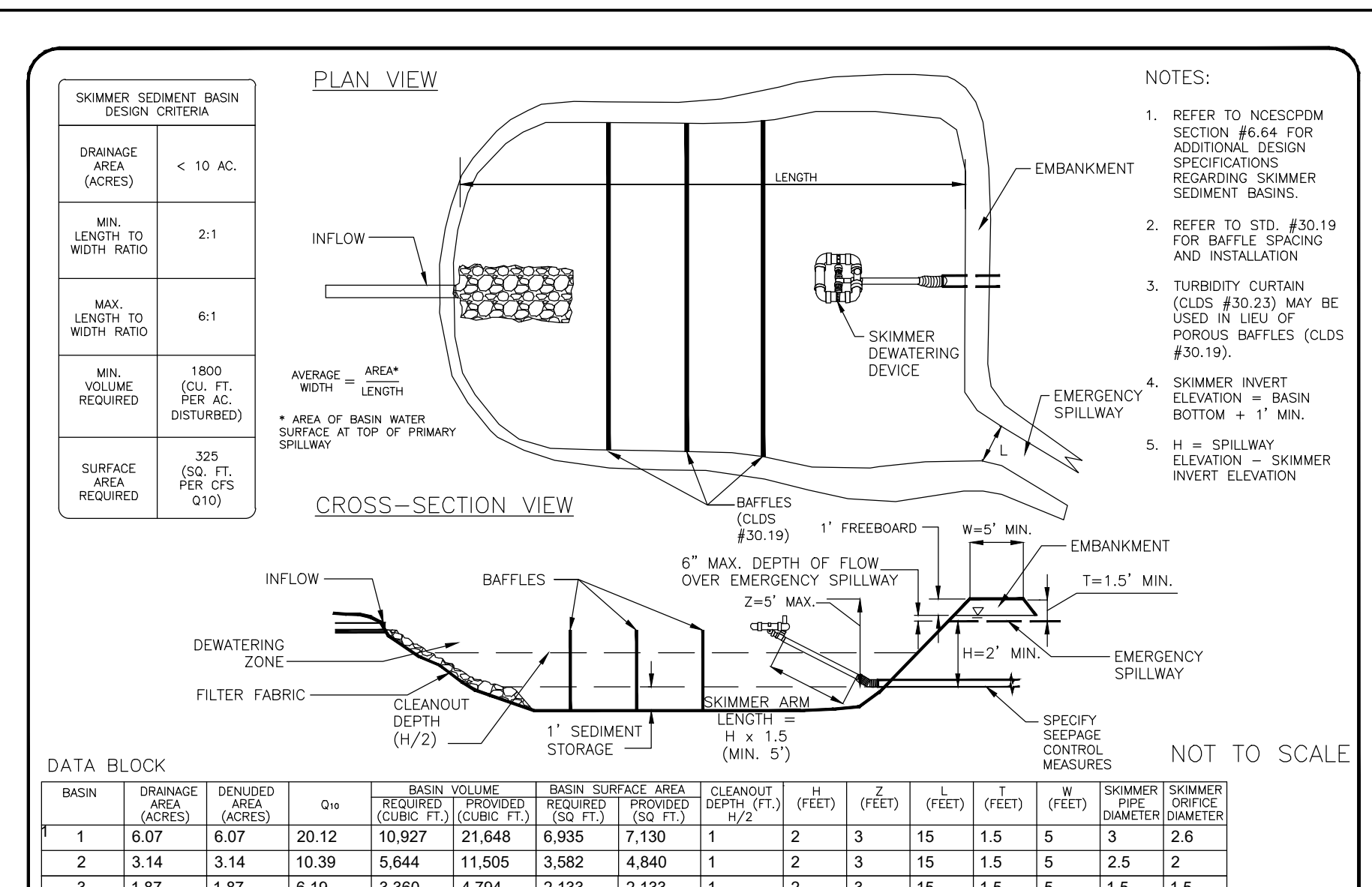


FINAL APPROVAL
DATE: 10/11/2024
PROJECT NUMBER: LDGP-2024-00382

NOTE: THE MORE INFO YOU PROVIDE, THE BETTER THE DESIGN WILL BE.
NOTE: SEE ANY LAND CHARACTERIZATION REPORTS FOR THE PROJECT.
NOTE: THE BUILDING FOOTPRINT SHALL BE 314-CODE.

CLDS #	NAME	REFERENCE FOR MAINT. NOTES
30.00	TEMPORARY CONTROL REQUIREMENTS & NOTES	N/A
30.01	TEMPORARY SEDIMENT BASIN	6.003
30.02	TEMPORARY SLOPE PROTECTION	6.003
30.03	TEMPORARY SEDIMENT BASIN	6.013
30.04	TEMPORARY SEDIMENT BASIN	6.013
30.05	TEMPORARY SLOPE PROTECTION	6.003 / 6.30.4
30.06	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.07	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.08	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.09	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.10	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.11	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.12	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.13	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.14	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.15	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.16	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.17	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.18	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.19	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.20	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.21	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.22	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL
30.23	TEMPORARY SLOPE PROTECTION	SEE CLDS 30.08 DETAIL

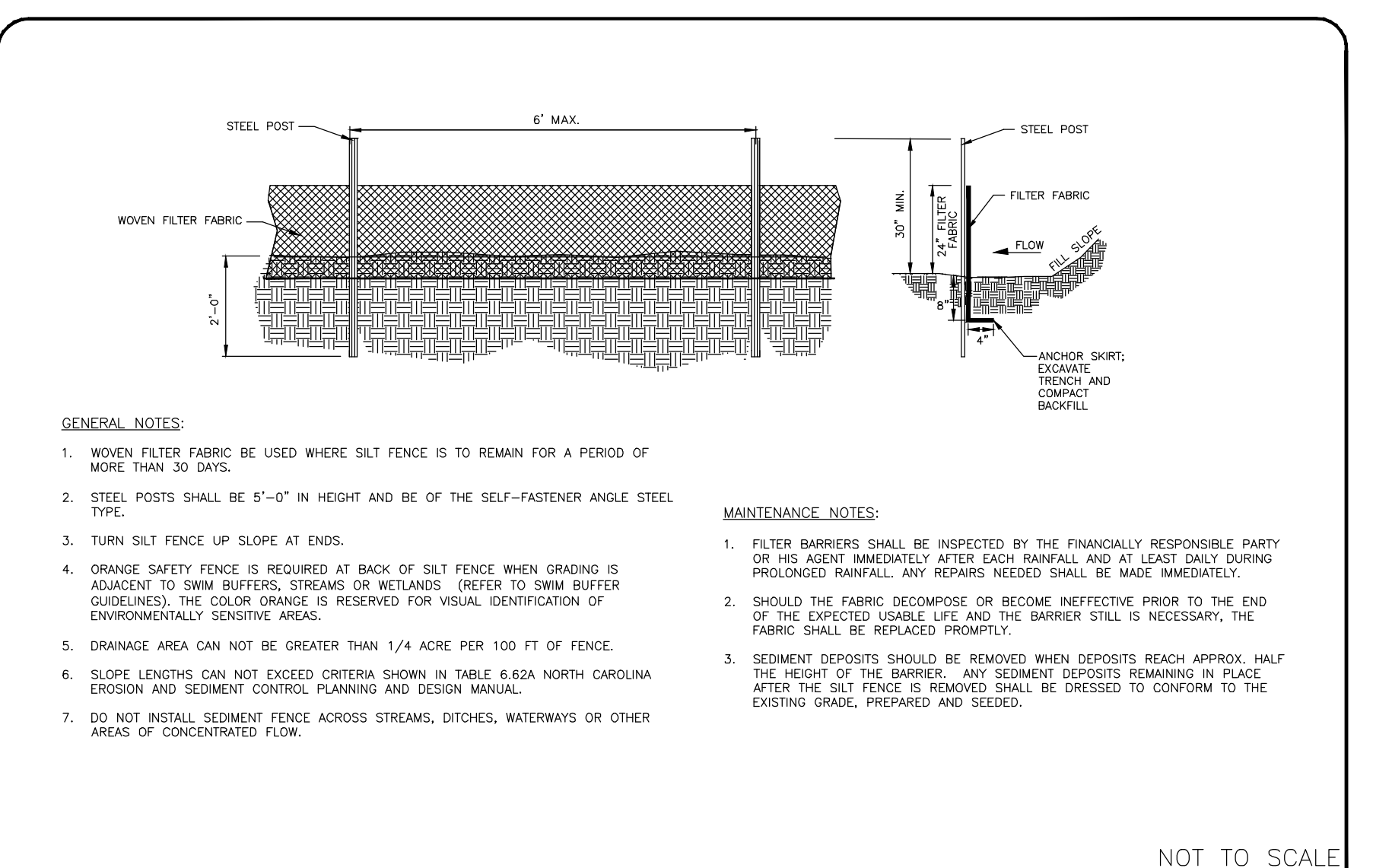
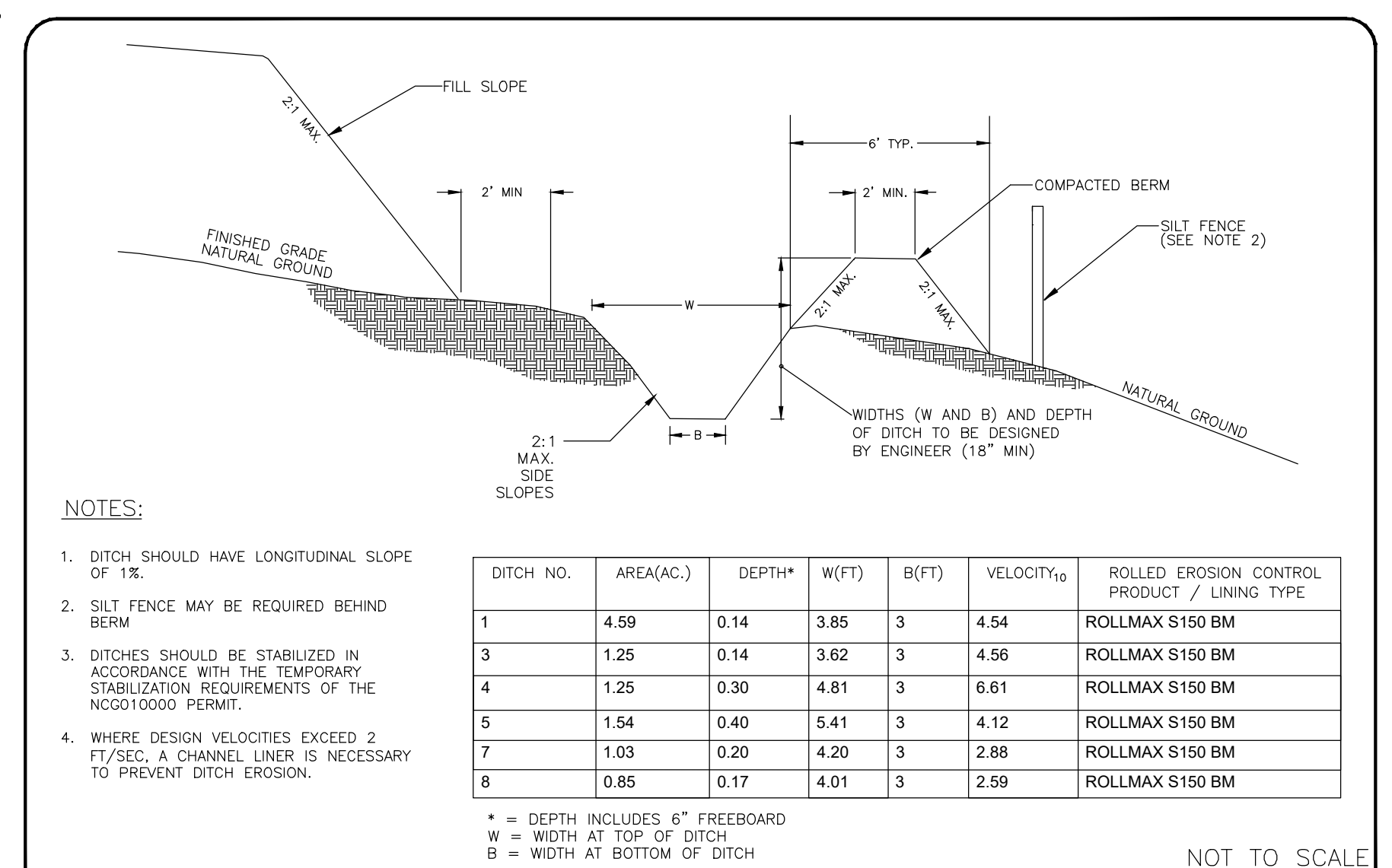
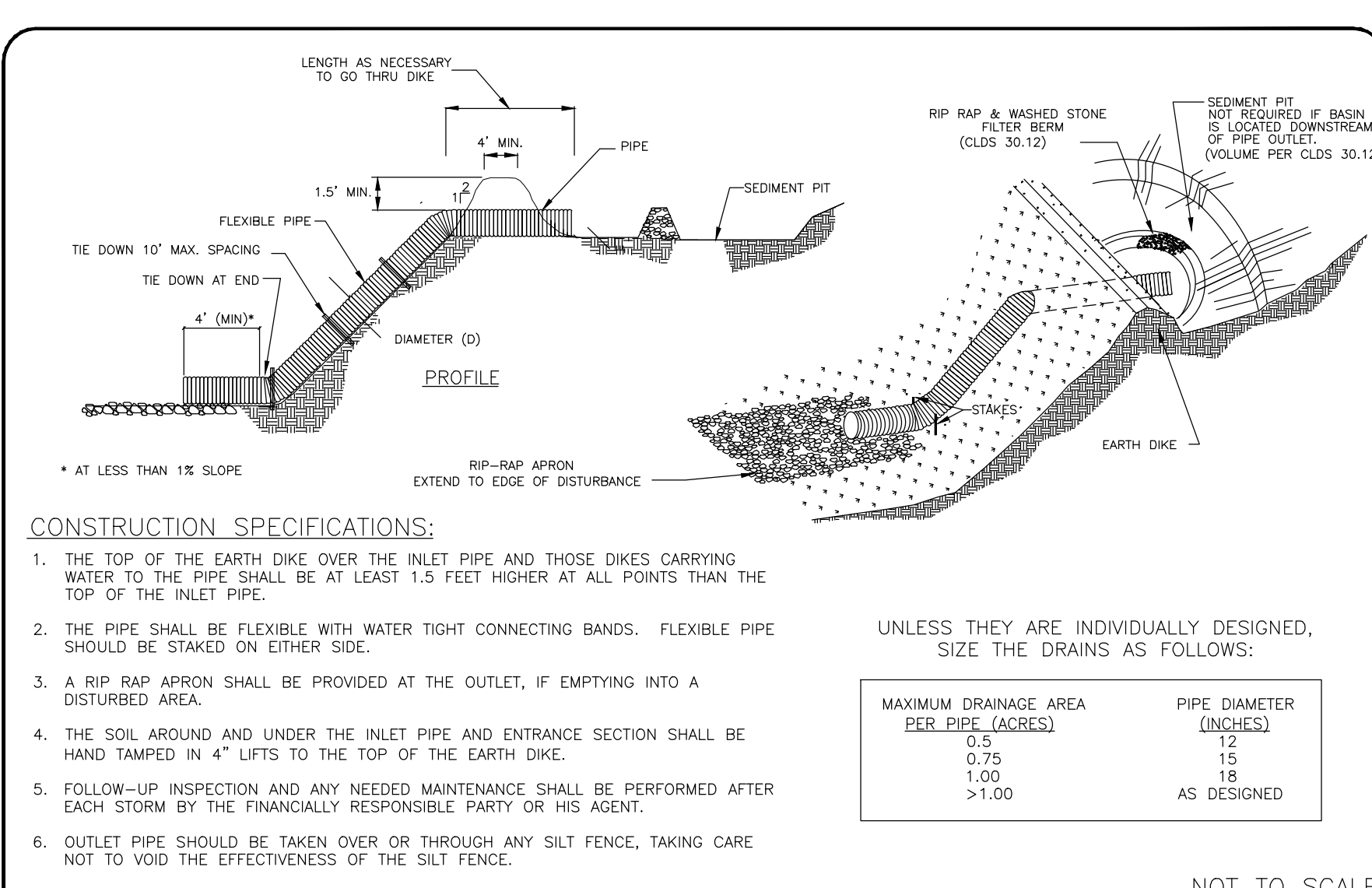
THE NEEDED MAINTENANCE REFERENCES INDICATED ARE FROM THE NORTH CAROLINA EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL (NCESDPM, LATEST EDITION) PREPARED BY NC DEPT. OF ENVIRONMENTAL QUALITY (NCEQ), ALSO REFERENCE NC DOT ROADWAY STANDARD DRAWINGS, LATEST EDITION.



CITY OF CHARLOTTE LAND DEVELOPMENT STANDARDS
INCLUDES CHARLOTTE ETJ
EROSION CONTROL STANDARDS LIST & MAINTENANCE REFERENCES
STD. NO. 30.0024 REV. 22

CITY OF CHARLOTTE LAND DEVELOPMENT STANDARDS
INCLUDES CHARLOTTE ETJ
SKIMMER SEDIMENT BASIN
STD. NO. 30.02A22 REV. 22

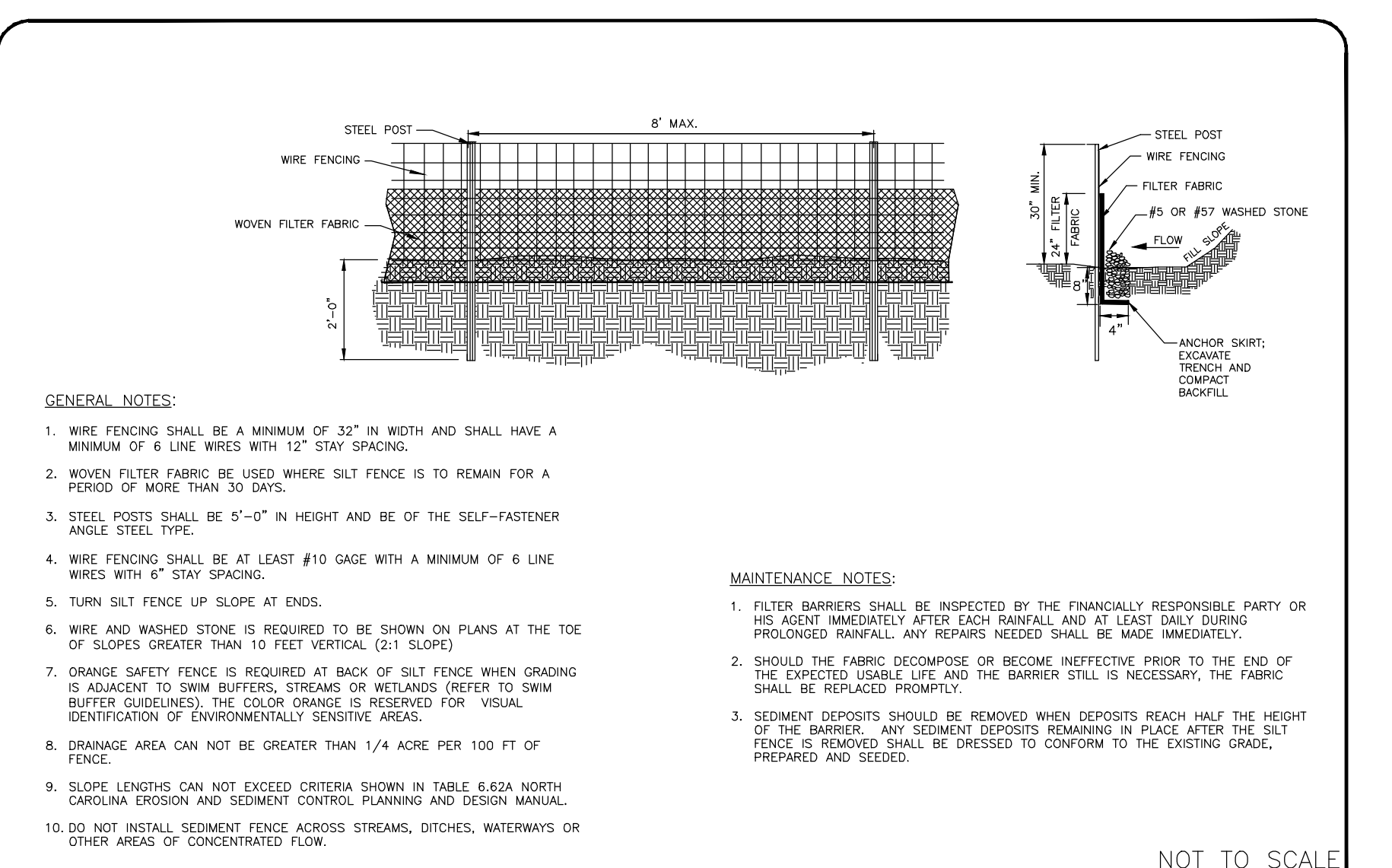
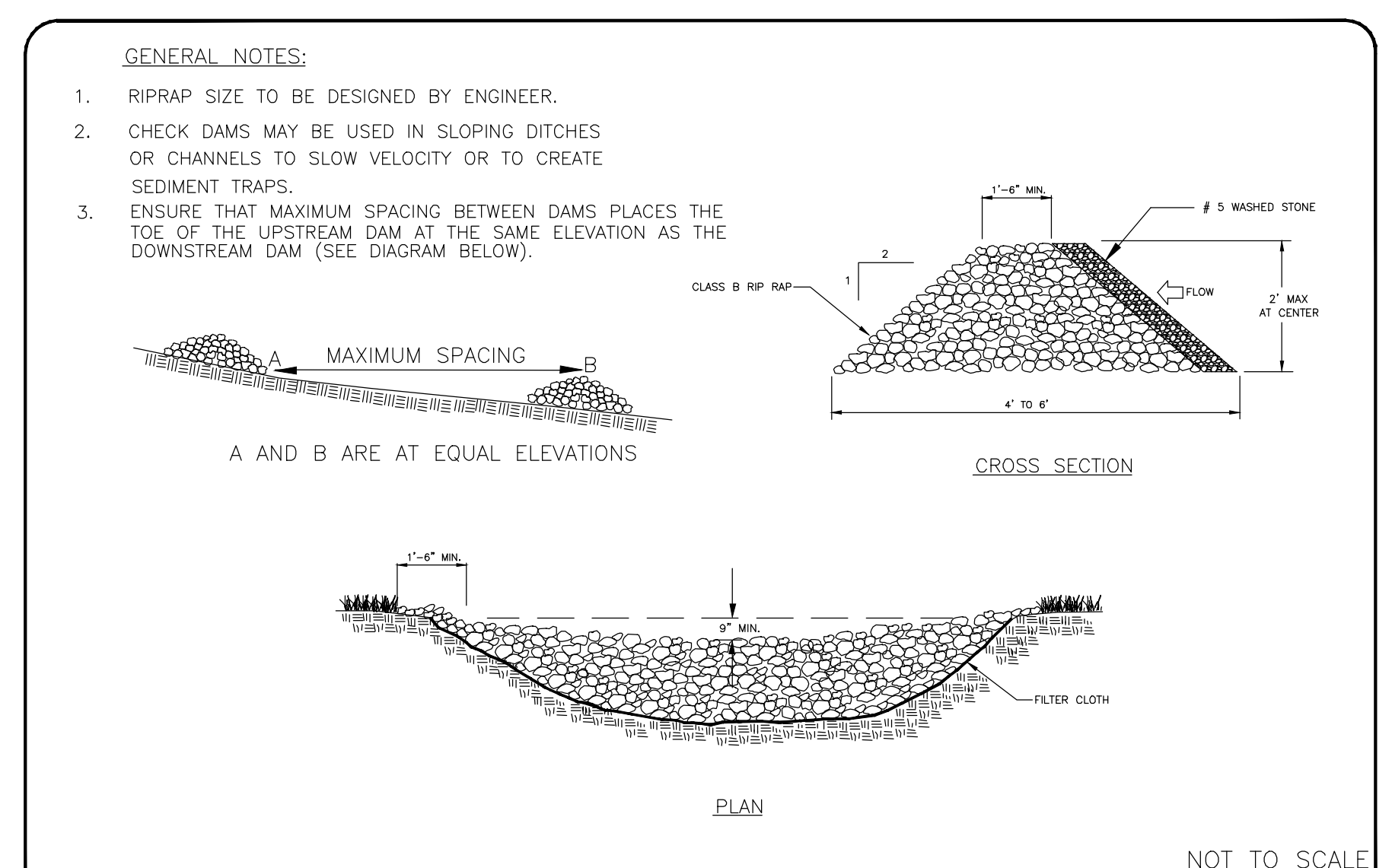
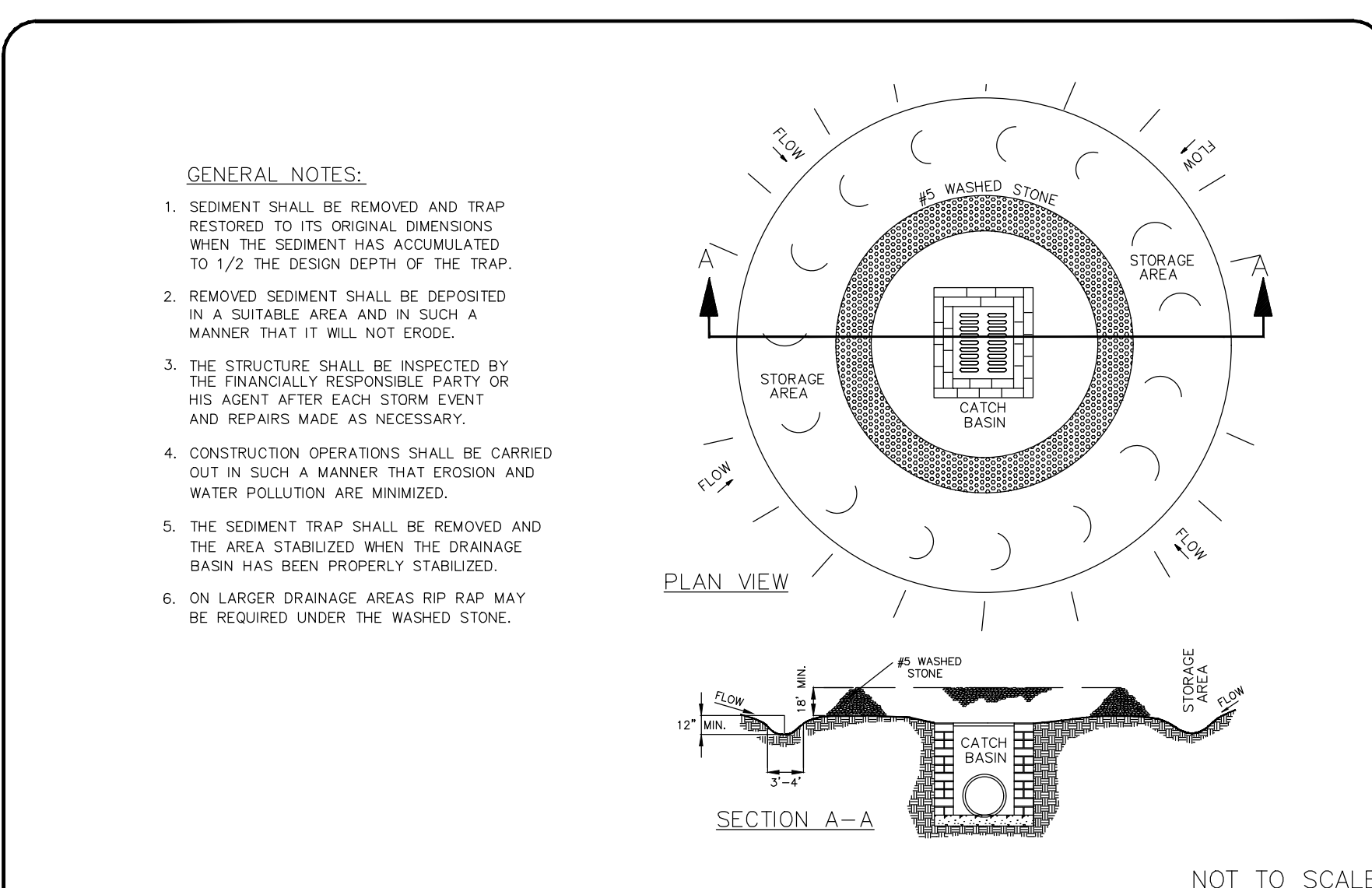
CITY OF CHARLOTTE LAND DEVELOPMENT STANDARDS
INCLUDES CHARLOTTE ETJ
SKIMMER
STD. NO. 30.02B12 REV. 12



CITY OF CHARLOTTE LAND DEVELOPMENT STANDARDS
INCLUDES CHARLOTTE ETJ
FLEXIBLE PIPE SLOPE DRAIN
STD. NO. 30.0420 REV. 20

CITY OF CHARLOTTE LAND DEVELOPMENT STANDARDS
INCLUDES CHARLOTTE ETJ
TEMPORARY SILT DITCH
STD. NO. 30.0522 REV. 22

CITY OF CHARLOTTE LAND DEVELOPMENT STANDARDS
INCLUDES CHARLOTTE ETJ
TEMPORARY SILT FENCE
STD. NO. 30.06A15 REV. 15



CITY OF CHARLOTTE LAND DEVELOPMENT STANDARDS
INCLUDES CHARLOTTE ETJ
STONE INLET PROTECTION
STD. NO. 30.08 REV. 08

CITY OF CHARLOTTE LAND DEVELOPMENT STANDARDS
INCLUDES CHARLOTTE ETJ
TEMPORARY ROCK CHECK DAM
STD. NO. 30.10A15 REV. 15

CITY OF CHARLOTTE LAND DEVELOPMENT STANDARDS
INCLUDES CHARLOTTE ETJ
HIGH HAZARD TEMPORARY SILT FENCE
STD. NO. 30.06B15 REV. 15

LandDesign
223 NORTH GRAHAM STREET
CHARLOTTE, NC 28202
704.333.0325
WWW.LANDDESIGN.COM
NC ENG. FIRM LICENSE # C-0658

KEY MAP
VIGNET MAP
SCALE
SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
C-015
SEAL 37425
09/18/2024

PROJECT
WEGMANS BALLANTYNE
WEGMANS
100 WEGMANS
MARKETS STREET
ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ# 1023199

REVISION / ISSUANCE

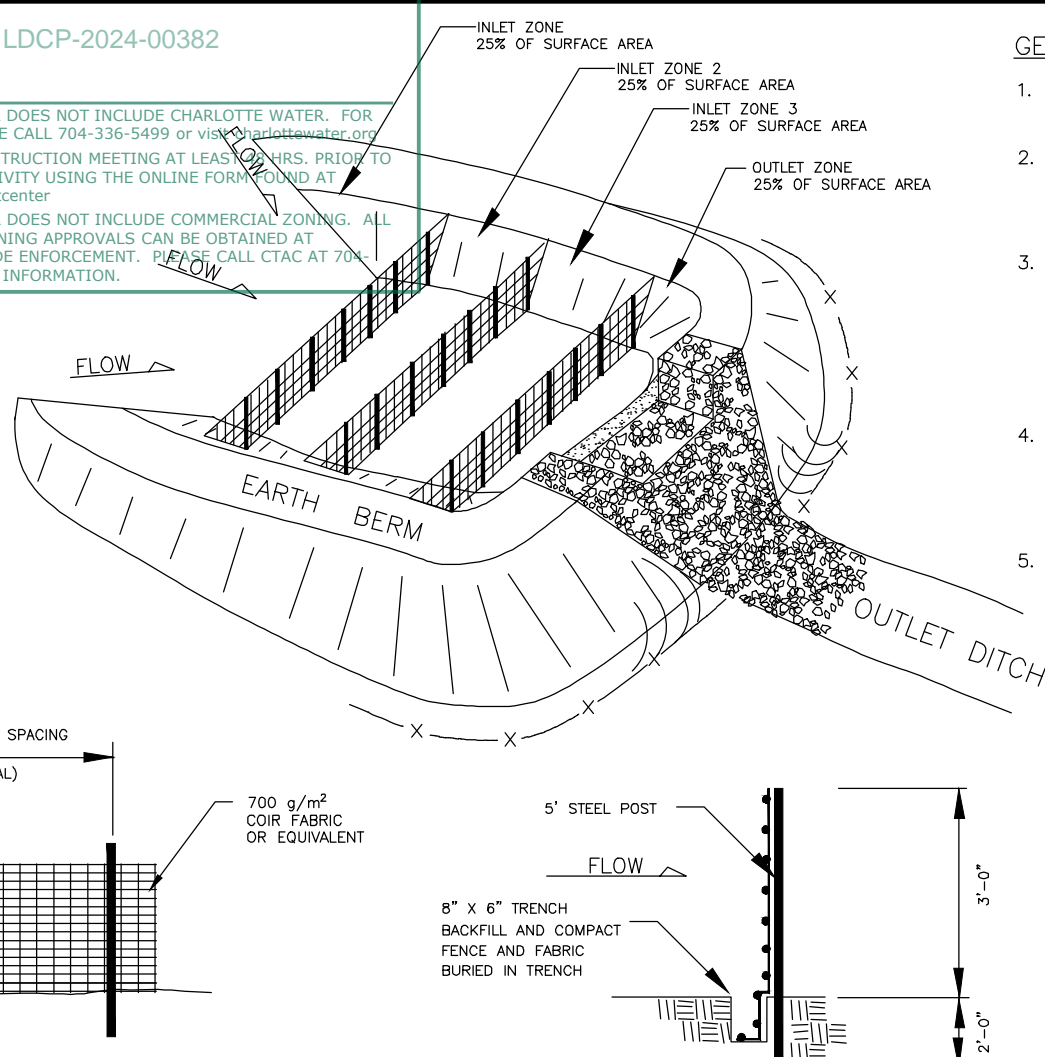
NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE NORTH

VERT: N/A
HORZ: N/A

SHEET TITLE
EROSION CONTROL DETAILS

SHEET NUMBER
C2-04



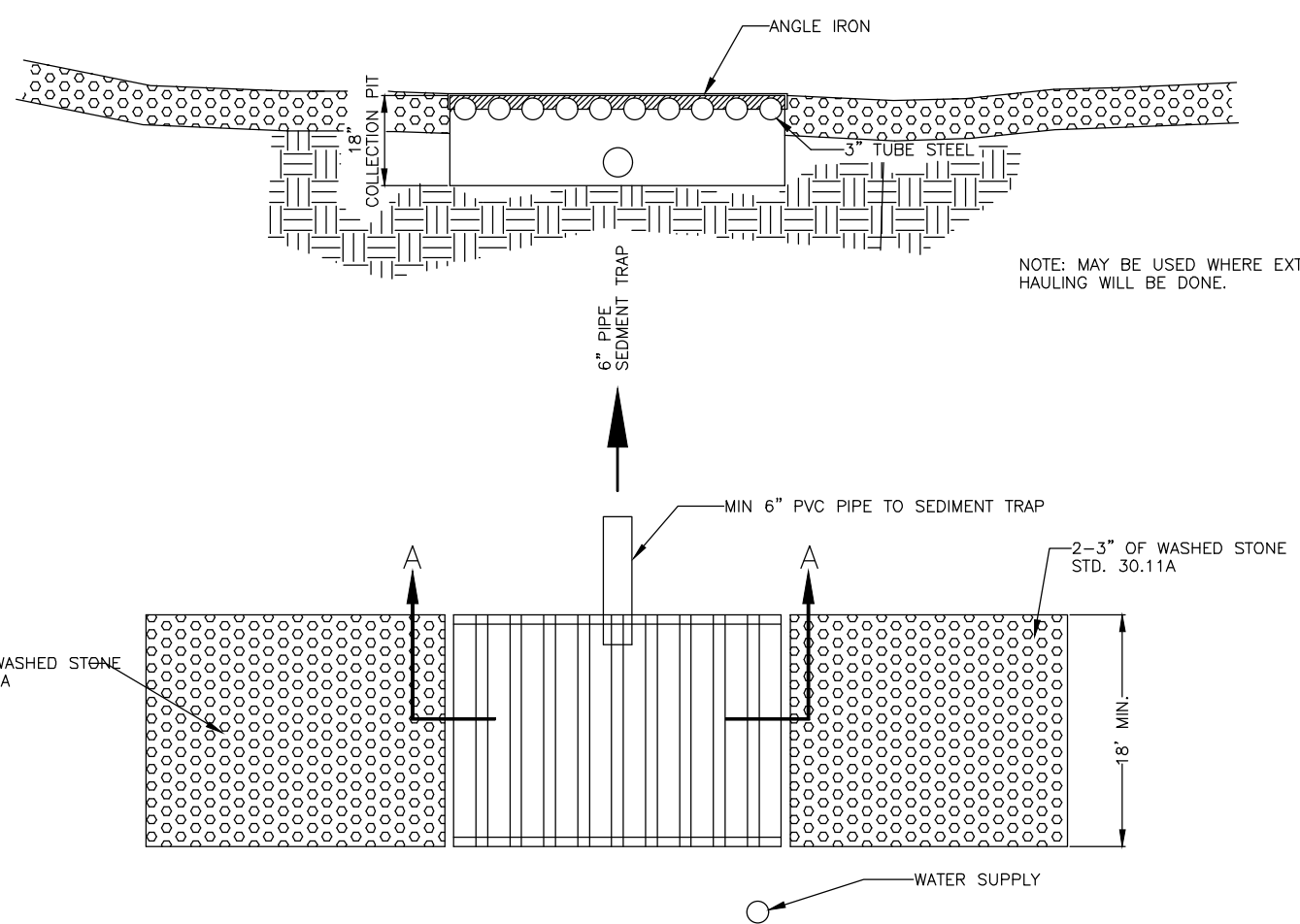
- GENERAL NOTES:**
1. DRIVE 5" STEEL POST AT LEAST 24" INTO SOLID GROUND.
 2. USE STAPLES 1" APART HORIZONTALLY AND VERTICALLY TO ATTACH THE FILTER FABRIC TO THE WIRE FENCE.
 3. PROVIDE 4 TREATMENT ZONES, 25% OF SURFACE AREA IN EACH ZONE (3 BAFFLES). FOR BASINS LESS THAN 40 FEET LONG, PROVIDE 3 TREATMENT ZONES, 33% OF SURFACE AREA EACH ZONE (2 BAFFLES).
 4. THE FLOOR OF THE BASIN IN THE OUTLET ZONE AND BERMS SHOULD BE SEEDED IMMEDIATELY AFTER THE BASIN IS CONSTRUCTED.
 5. REFER TO NCSOPDM SECTION #6.65 FOR ADDITIONAL SPECIFICATIONS.

NOT TO SCALE

CITY OF CHARLOTTE
 LAND DEVELOPMENT STANDARDS
 INCLUDES CHARLOTTE ETJ

BAFFLE INSTALLATION

STD. NO. REV.
 30.19 22



NOTE: MAY BE USED WHERE EXTENSIVE HAULING WILL BE DONE.

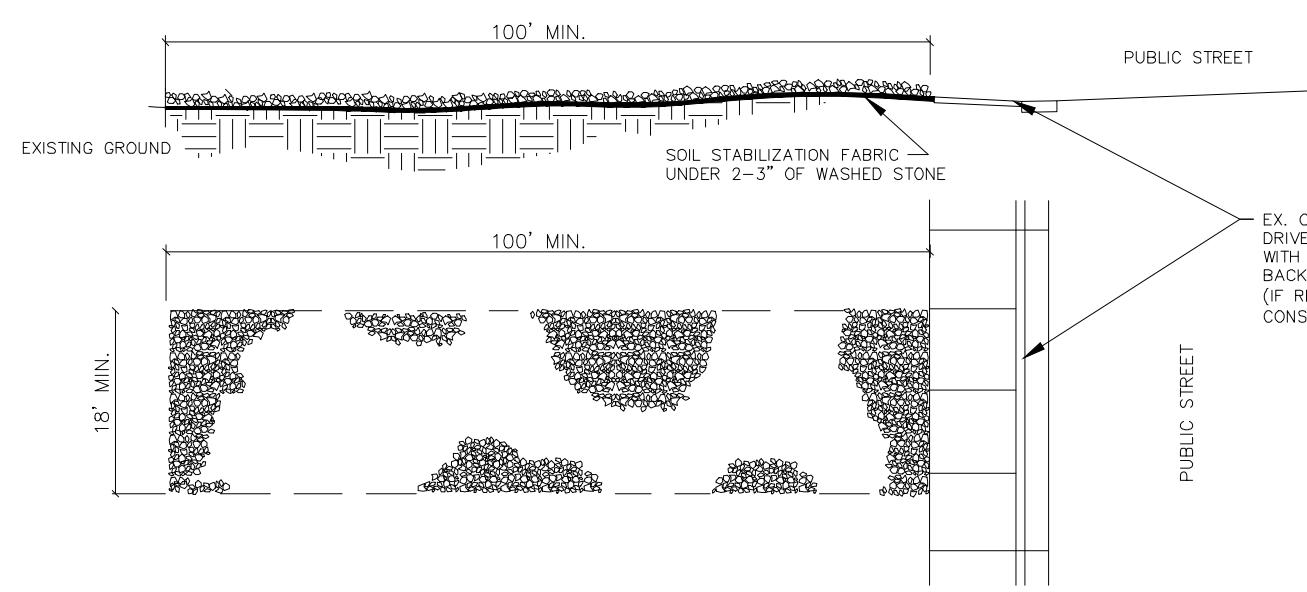
NOT TO SCALE

CITY OF CHARLOTTE
 LAND DEVELOPMENT STANDARDS
 INCLUDES CHARLOTTE ETJ

CONSTRUCTION ENTRANCE TIRE WASH

STD. NO. REV.
 30.11B 15

- NOTES:**
1. A STABILIZED ENTRANCE PAD OF 2-3" OF WASHED STONE AND/OR RAILROAD BALLAST SHALL BE LOCATED WHERE TRAFFIC WILL ENTER OR LEAVE THE CONSTRUCTION SITE ONTO A PUBLIC STREET.
 2. FILTER FABRIC OR COMPACTED CRUSHER RUN STONE SHALL BE USED AS A BASE FOR THE CONSTRUCTION ENTRANCE.
 3. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC STREETS OR EXISTING PAVEMENT. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS WARRANT AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 4. ANY SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC STREETS MUST BE REMOVED IMMEDIATELY. ANY AGGREGATE TRACKED INTO THE ROADWAY MUST BE SWEEPED BACK ONSITE ON A NIGHTLY BASIS.
 5. WHEN APPROPRIATE, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING A PUBLIC STREET. WHEN WASHING IS REQUIRED, IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN SEE STD. NO. 30.11B.
 6. CDOT MAY REQUIRE A STANDARD COMMERCIAL DRIVEWAY (STD. 10.24 & 10.25) TO ACCESS THE CONSTRUCTION SITE IF THE DRIVEWAY IS ON A THOROUGHFARE, OR ON ANY STREET WITH AN EXISTING SIDEWALK TO REMAIN OPEN DURING CONSTRUCTION.
 7. FOLLOW WORK AREA TRAFFIC CONTROL HANDBOOK (WATCH) FOR SIDEWALK CLOSURE OR DETOUR/DIVERSION.

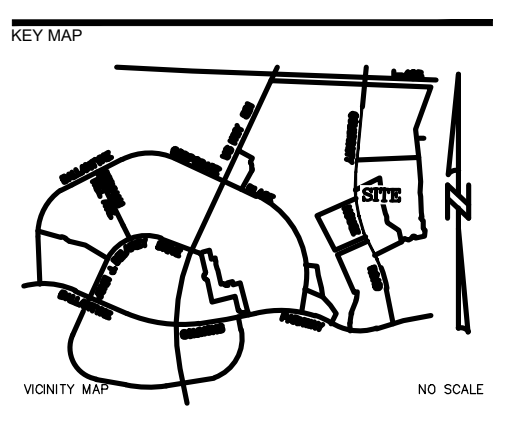


NOT TO SCALE

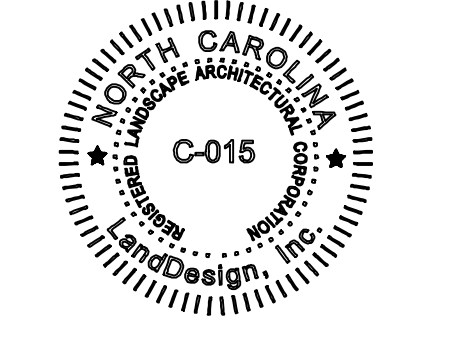
CITY OF CHARLOTTE
 LAND DEVELOPMENT STANDARDS
 INCLUDES CHARLOTTE ETJ

STABILIZED CONSTRUCTION ENTRANCE

STD. NO. REV.
 30.11A 15



KEY MAP
 VICINITY MAP
 NO. SCALE



PROJECT

WEGMANS BALLANTYNE

WEGMANS
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE NORTH

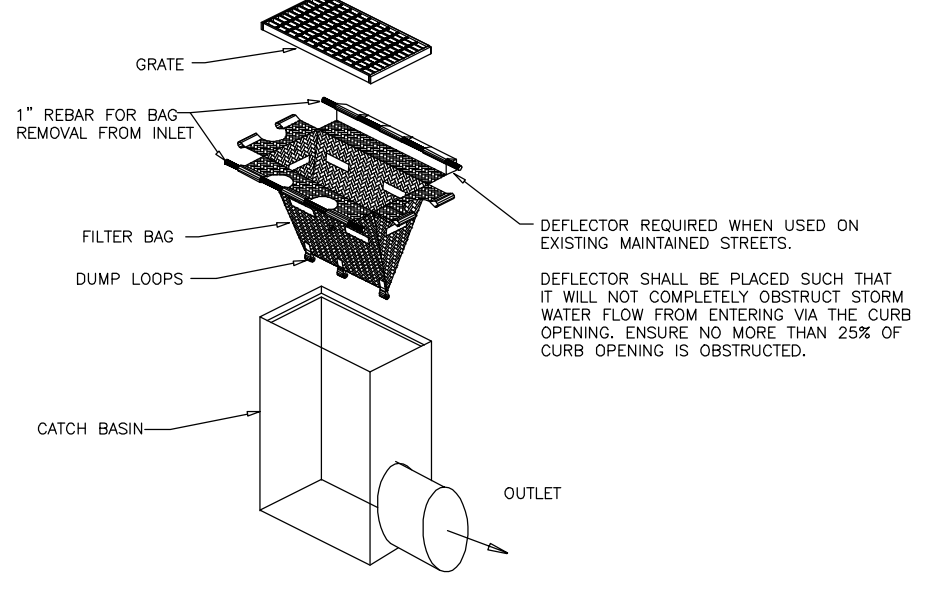
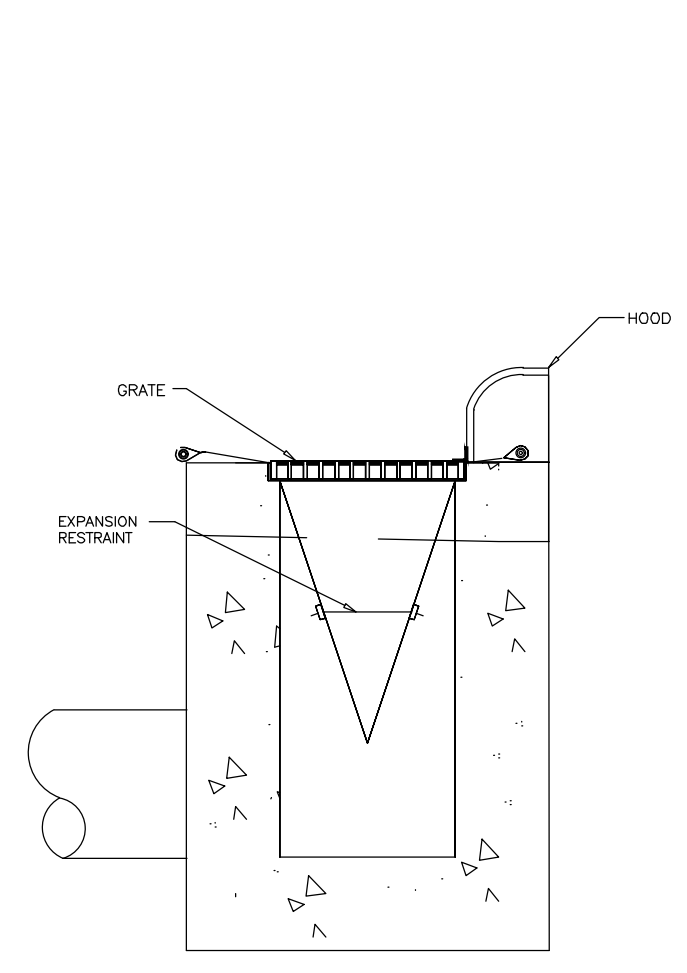
VERT: N/A
 HORZ: N/A

SHEET TITLE

EROSION CONTROL DETAILS

SHEET NUMBER

C2-05



SECTION
 INSTALLATION
 NOT TO SCALE

CITY OF CHARLOTTE
 LAND DEVELOPMENT STANDARDS
 INCLUDES CHARLOTTE ETJ

CATCH BASIN INLET PROTECTION

STD. NO. REV.
 30.15 13

FOR EARLY WINTER AND LATE SPRING:

SEEDING MIXTURE:
 RYE (GRAIN) - 120 LB/ACRE
 ANNUAL LESPEDEZA (KOBE) - 50 LB/ACRE
 (OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO EXCEED BEYOND JUNE)

SEEDING DATES:
 JAN. 1 - MAY 1

SOIL AMENDMENTS:
 FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER

MULCH:
 APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE:
 REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, FERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE

FOR SUMMER:

SEEDING MIXTURE:
 GERMAN MILLET - 40 LB/ACRE
 (A SMALL-STEMMED SUDANGRASS MAY BE SUBSTITUTED AT A RATE OF 50 LB/ACRE)

SEEDING DATES:
 MAY 1 - AUG. 15

SOIL AMENDMENTS:
 FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER

MULCH:
 APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE:
 REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, FERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE

FOR FALL:

SEEDING MIXTURE:
 RYE (GRAIN) - 120 LB/ACRE

SEEDING DATES:
 AUG. 15 - DEC 30

SOIL AMENDMENTS:
 FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 1,000 LB/ACRE 10-10-10 FERTILIZER

MULCH:
 APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

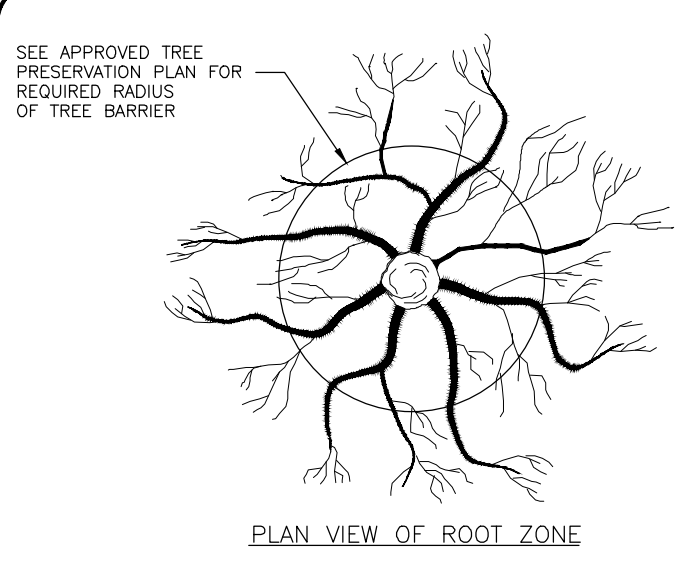
MAINTENANCE:
 REPAIR AND REFERTILIZE DAMAGED AREAS IMMEDIATELY. TOPDRESS WITH 50 LB/ACRE OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 LB/ACRE KOBE LESPEDEZA IN LATE FEBRUARY OR EARLY MARCH.

FOR ADDITIONAL INFORMATION, REFER TO NCDENR EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL (ESOPDM), SECTION 6.10. FOR PERMANENT SEEDING SPECIFICATIONS, INCLUDING SEED BED PREP, SEASONAL LIMITATIONS FOR SEEDING OPERATIONS, THE KINDS OF GRADES OF FERTILIZERS, THE KINDS OF SEED, AND THE RATES OF APPLICATION OF LIMESTONE, FERTILIZER, AND SEED, REFER TO NCDENR ESOPDM SECTION 6.11 AND THE CHARLOTTE LANDSCAPE CONSTRUCTION STANDARDS SECTION 04200 SEEDING AND SODDING OF TURFGRASS.

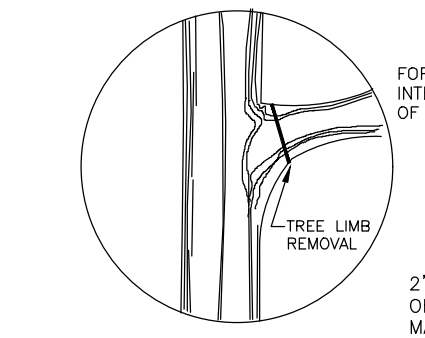
CITY OF CHARLOTTE
 LAND DEVELOPMENT STANDARDS
 INCLUDES CHARLOTTE ETJ

TEMPORARY SEEDING SCHEDULE

STD. NO. REV.
 30.17 9



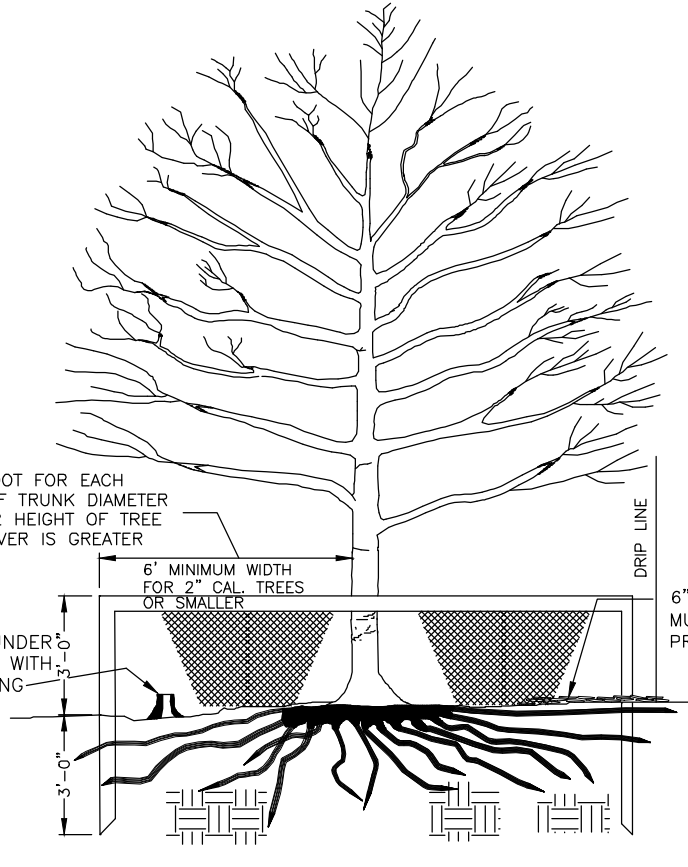
PLAN VIEW OF ROOT ZONE



FOR PRUNING SEE INTERNATIONAL SOCIETY OF ARBORICULTURE SPECS.

DEAD TREES AND SCRUB OR UNDERGROWTH SHALL BE CUT FLUSH WITH ADJACENT GRADE. NO GRUBBING ALLOWED UNDER DRIP LINE.

2"x4" STANDARDS + 1"x4" RAILS OR ORANGE SAFETY FENCING MAY BE USED.



ONE FOOT FOR EACH INCH OF TRUNK DIAMETER OR 1/2 HEIGHT OF TREE WHICHEVER IS GREATER

6" MINIMUM WIDTH FOR 2" CAL TREES OR GREATER

6" BARK MULCH, PLACE BARK MULCH AT AREAS NOT PROTECTED BY BARRIER.

CITY OF CHARLOTTE
 LAND DEVELOPMENT STANDARDS
 INCLUDES CHARLOTTE ETJ

TREE PROTECTION DETAIL

STD. NO. REV.
 40.02

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT
 Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Required Ground Stabilization Timeframes		
Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed -7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones
(d) Slopes 3:1 to 4:1	14	-10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION
 Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> Permanent grass seed covered with straw or other mulches and tackifiers Hydroseeding Rollered erosion control products with or without temporary grass seed Appropriately applied straw or other mulch Plastic sheeting 	<ul style="list-style-type: none"> Permanent grass seed covered with straw or other mulches and tackifiers Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding Shrubs or other permanent plantings covered with mulch Uniform and evenly distributed ground cover sufficient to restrain erosion Structural methods such as concrete, asphalt or retaining walls Rollered erosion control products with grass seed

- POLYACRYLAMIDES (PAMS) AND FLOCCULANTS**
- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the *NC DWR List of Approved PAMS/Flocculants*.
 - Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
 - Apply flocculants at the concentrations specified in the *NC DWR List of Approved PAMS/Flocculants* and in accordance with the manufacturer's instructions.
 - Provide ponding area for containment of treated Stormwater before discharging offsite.
 - Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

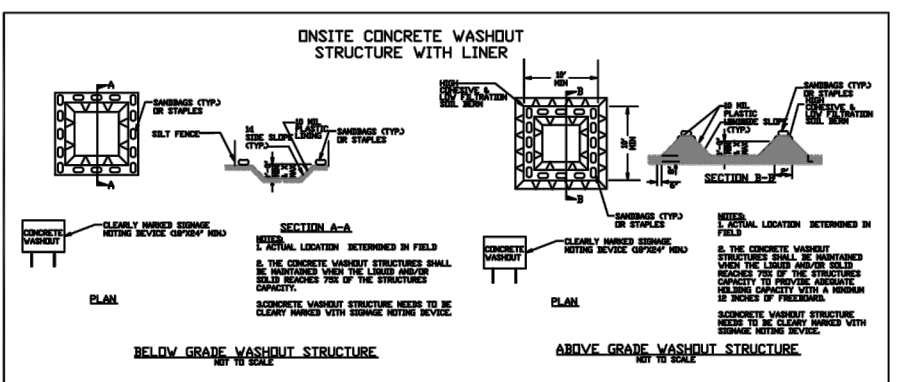
- EQUIPMENT AND VEHICLE MAINTENANCE**
- Maintain vehicles and equipment to prevent discharge of fluids.
 - Provide drip pans under any stored equipment.
 - Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
 - Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
 - Remove leaking vehicles and construction equipment from service until the problem has been corrected.
 - Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

- LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE**
- Never bury or burn waste. Place litter and debris in approved waste containers.
 - Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
 - Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
 - Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
 - Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
 - Anchor all lightweight items in waste containers during times of high winds.
 - Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
 - Dispose waste off-site at an approved disposal facility.
 - On business days, clean up and dispose of waste in designated waste containers.

- PAINT AND OTHER LIQUID WASTE**
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
 - Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
 - Contain liquid wastes in a controlled area.
 - Containment must be labeled, sized and placed appropriately for the needs of site.
 - Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

- PORTABLE TOILETS**
- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
 - Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
 - Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

- EARTHEN STOCKPILE MANAGEMENT**
- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
 - Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
 - Provide stable stone access point when feasible.
 - Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



- CONCRETE WASHOUTS**
- Do not discharge concrete or cement slurry from the site.
 - Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
 - Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
 - Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
 - Do not use concrete washouts for dewatering or storing designed curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
 - Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
 - Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
 - Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
 - Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
 - At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

- HERBICIDES, PESTICIDES AND RODENTICIDES**
- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
 - Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
 - Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
 - Do not stockpile these materials onsite.

- HAZARDOUS AND TOXIC WASTE**
- Create designated hazardous waste collection areas on-site.
 - Place hazardous waste containers under cover or in secondary containment.
 - Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING EFFECTIVE: 04/01/19

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual day rainfall information is available, record the cumulative rain measurement for those unattended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero." The permittee may use another rain-measuring device approved by the Division.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event > 1.0 inch in 24 hours	1. Identification of the measures inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Indication of whether the measures were operating properly. 5. Description of maintenance needs for the measure. 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event > 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Evidence of indicators of stormwater pollutants such as oil sheen, floating or suspended solids or discoloration. 5. Indication of visible sediment leaving the site. 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event > 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits. 2. Description, evidence, and date of corrective actions taken; and 3. Any explanation as to the actions taken to control future releases.
(5) Streams or wetlands on-site or off-site (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event > 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item 2(a)(i) of this permit or this permit. 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.
(6) Ground stabilization of grading measures	After each phase of grading	1. The phase of grading (installation of perimeter E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. E&SC Plan Documentation

The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be documented in the manner described:

Item to Document	Documentation Requirements
(a) Each E&SC Measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC Plan.	Initial and date each E&SC Measure on a copy of the approved E&SC Plan or complete, date and sign an inspection report that lists each E&SC Measure shown on the approved E&SC Plan. This documentation is required upon the initial installation of the E&SC Measures or if the E&SC Measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC Plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&SC Plan.	Initial and date a copy of the approved E&SC Plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&SC Measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&SC Measures.	Initial and date a copy of the approved E&SC Plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation

In addition to the E&SC Plan documents above, the following items shall be kept on the site and available for agency inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

- This general permit as well as the certificate of coverage, after it is received.
- Records of inspections made during the previous 30 days. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.
- All data used to complete the Notice of Intent and older inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that must be reported

Permittees shall report the following occurrences:

- Visible sediment deposition in a stream or wetland.
 - They are 25 gallons or more,
 - They are less than 25 gallons but cannot be cleaned up within 24 hours,
 - They cause sheen on surface waters (regardless of volume), or
 - They are within 100 feet of surface waters (regardless of volume).

- Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref. 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref. 40 CFR 302.4) or G.S. 143-215.85.

- Anticipated bypasses and unanticipated bypasses.

- Noncompliance with the conditions of this permit that may endanger health or the environment.

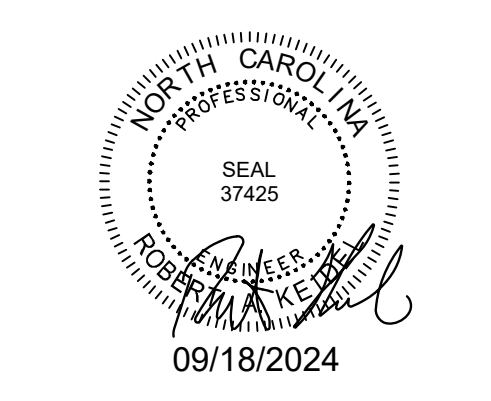
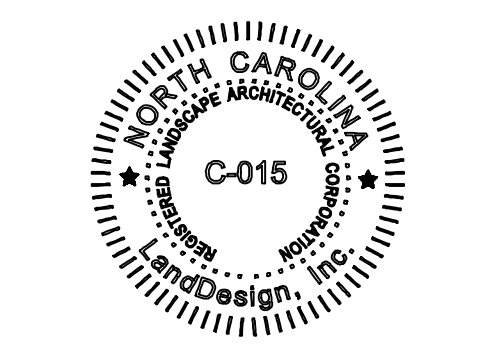
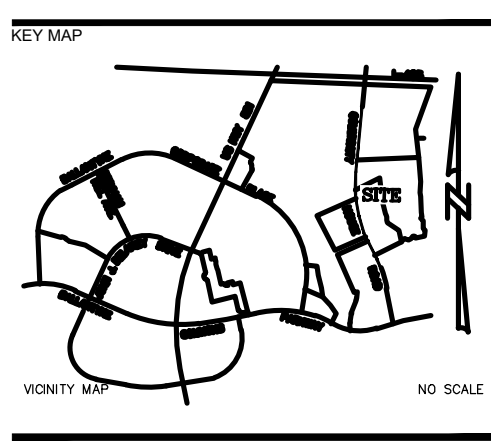
2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Division's Emergency Response personnel at (800) 662-7956, (800) 858-0368 or (919) 733-3300.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. If the stream is named on the <i>NC 301(D) List</i> as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired waters conditions.
(b) Oil spills and release of hazardous substances per Item 1(b)-(c) above	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.
(c) Anticipated bypasses [40 CFR: 122.41(m)(3)]	<ul style="list-style-type: none"> A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(d) Unanticipated bypasses [40 CFR: 122.41(m)(3)]	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment [40 CFR 122.41(b)(7)]	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times; and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. [40 CFR 122.41(b)(6)] Division staff may waive the requirement for a written report on a case-by-case basis.



NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING EFFECTIVE: 04/01/19



09/18/2024

WEGMANS BALLANTYNE

WEGMANS
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE: _____ NORTH

VERT: N/A
 HORZ: N/A

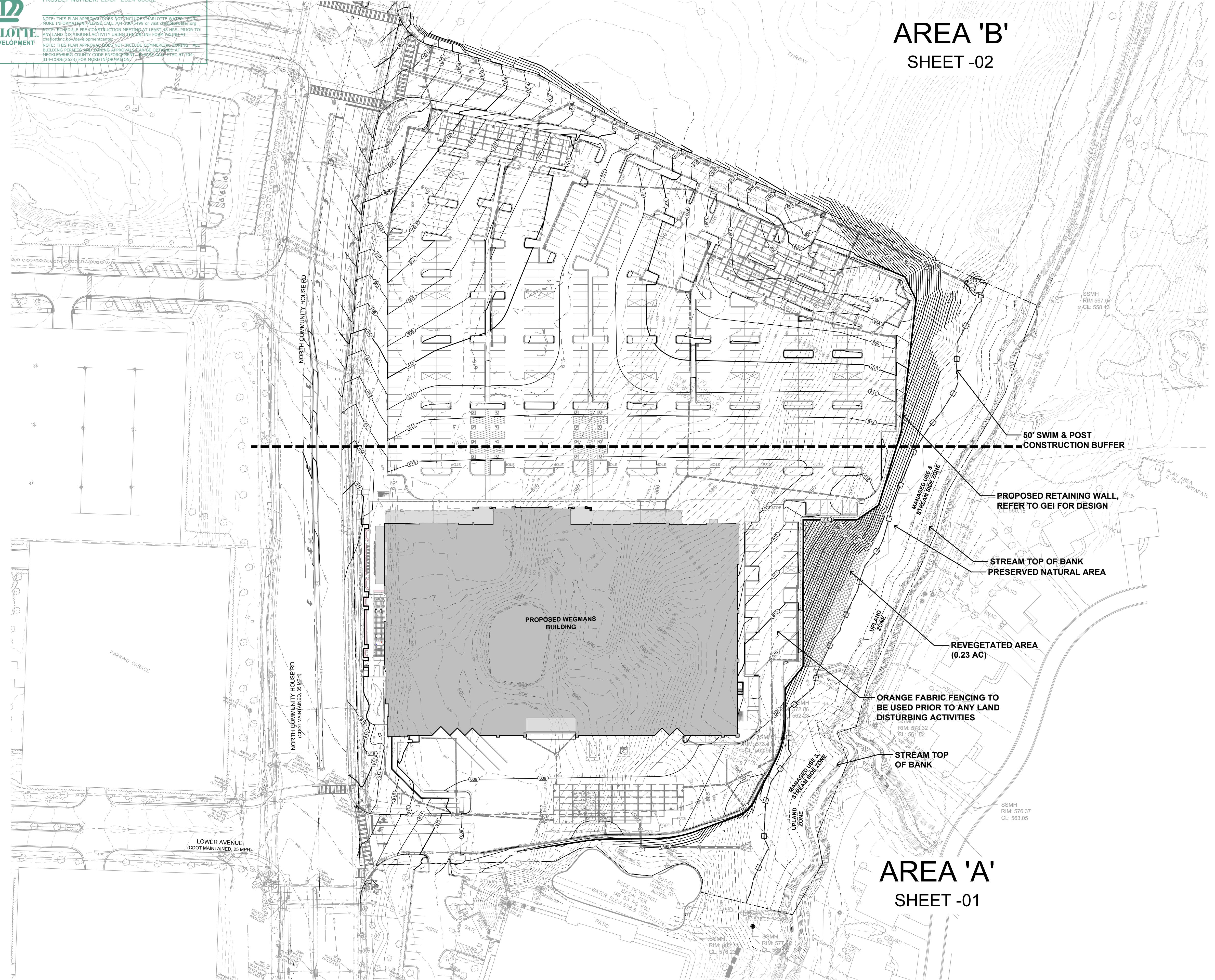
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EROSION CONTROL DETAILS

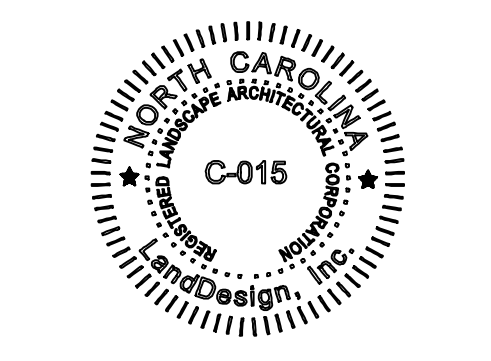
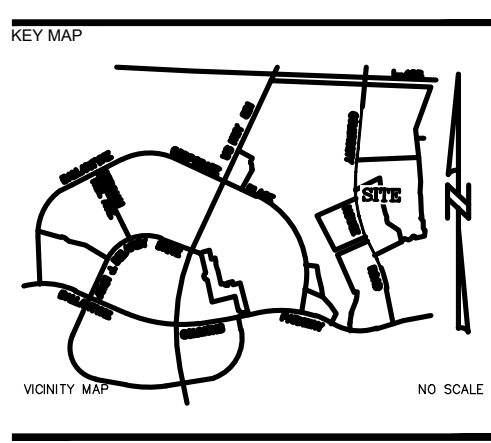
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C2-06

AREA 'B'
 SHEET -02



AREA 'A'
 SHEET -01



PROJECT

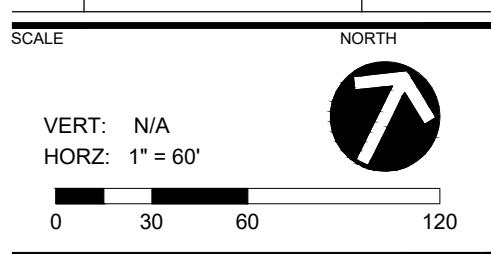
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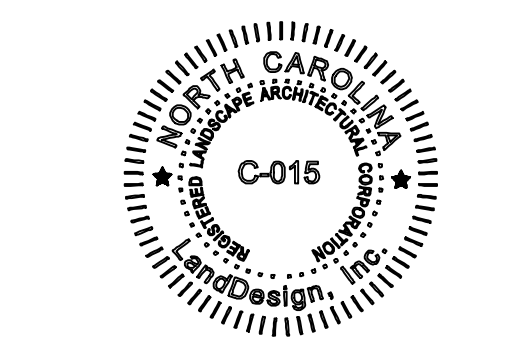
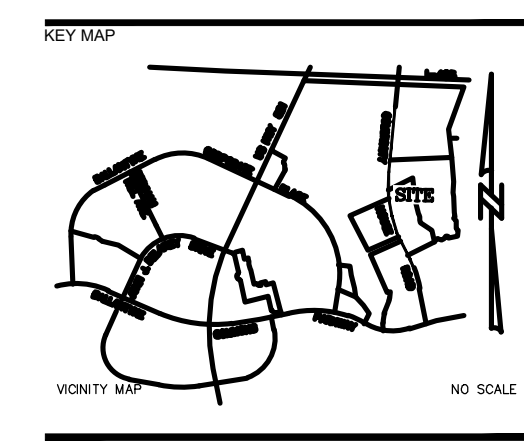
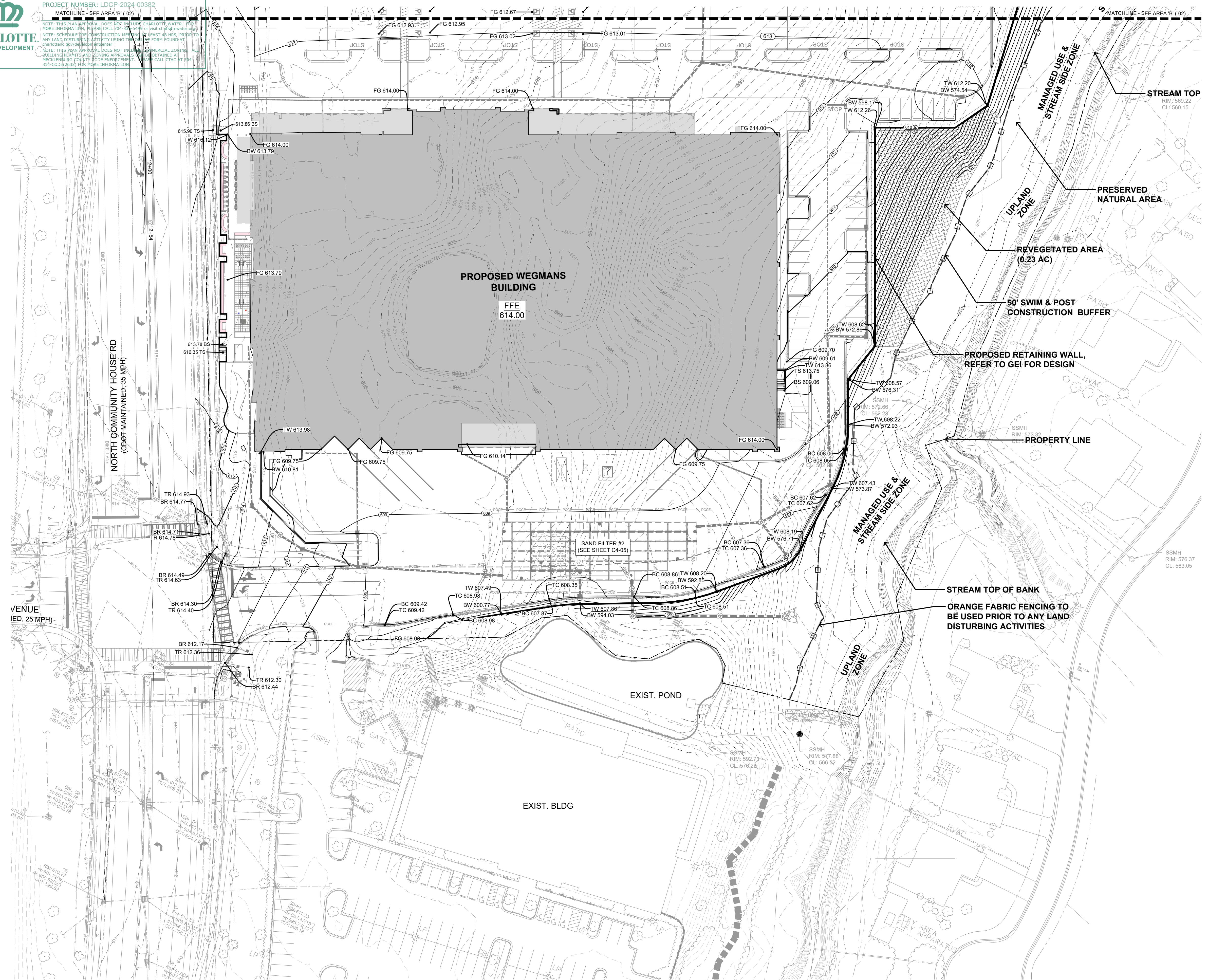


SHEET TITLE

OVERALL GRADING PLAN

SHEET NUMBER

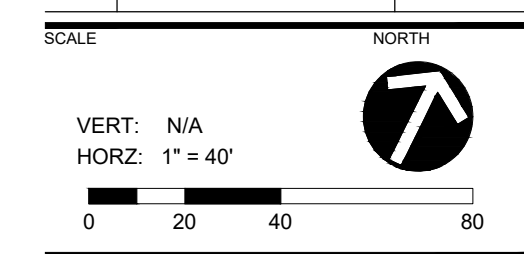
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PROJECT
WEGMANS BALLANTYNE
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 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

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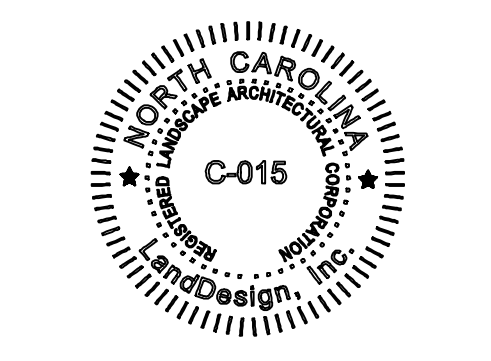
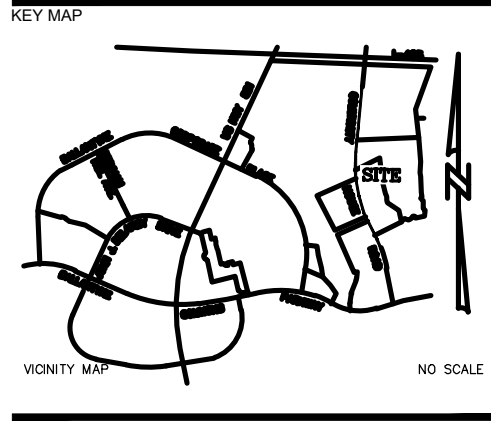
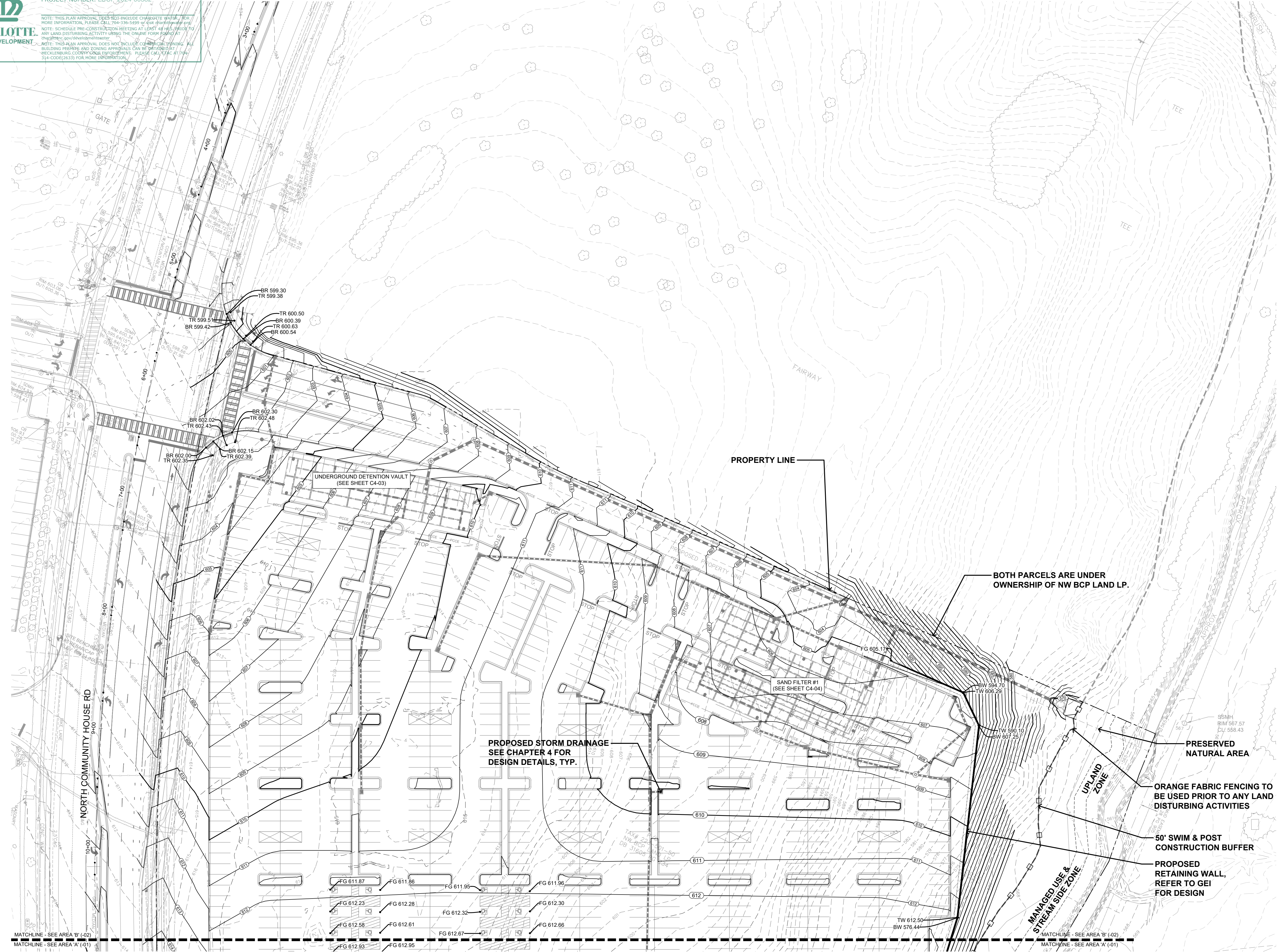
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GRADING ENLARGEMENT - AREA 'A'

SHEET NUMBER
C3-01

FINAL APPROVAL
 DATE: 10/11/2024
 PROJECT NUMBER: LDCP-2024-00382

CHARLOTTE LAND DEVELOPMENT

NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE CHARLOTTE WATER. FOR MORE INFORMATION, PLEASE CALL 704-336-5499 or visit www.charlottewater.com.
 NOTE: SCHEDULE PRE-CONSTRUCTION MEETING AT LEAST 14 DAYS PRIOR TO ANY LAND-DISTURBING ACTIVITY USING THE ONLINE FORM www.charlottewater.com/developmentcenter.
 NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE CONSTRUCTION PERMITS, BUILDING PERMITS AND ZONING APPROVALS CAN BE OBTAINED AT WICKLIFFE COUNTY COURSE SUPERVISOR. PLEASE CALL 774-6177 AT 774-314-CODE(2633) FOR MORE INFORMATION.



PROJECT

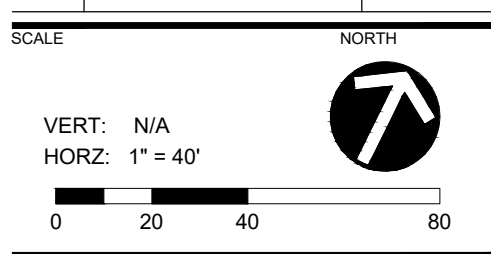
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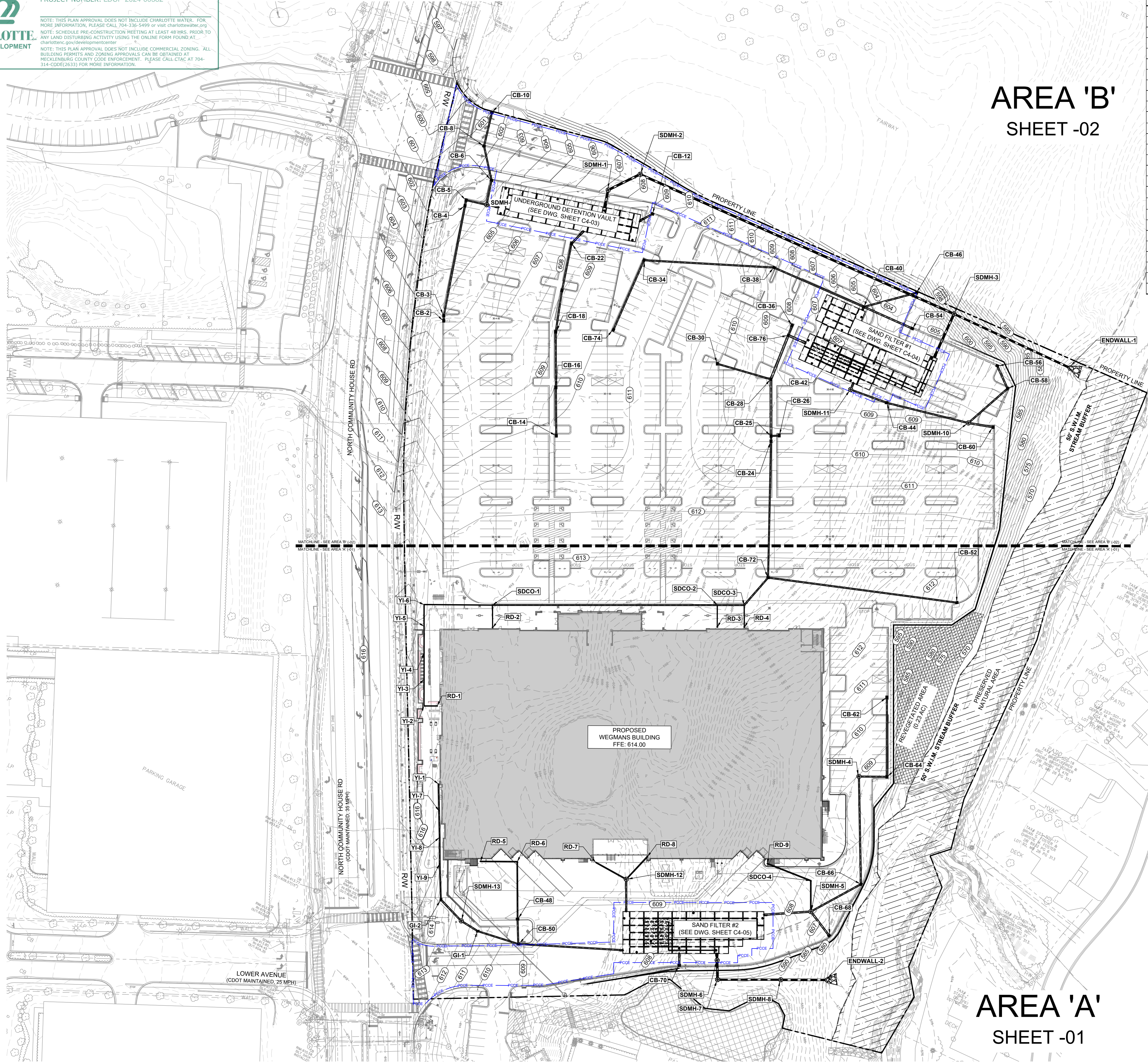


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GRADING ENLARGEMENT - AREA 'B'

SHEET NUMBER

C3-02

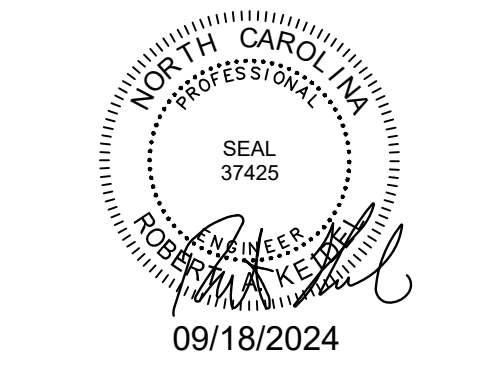
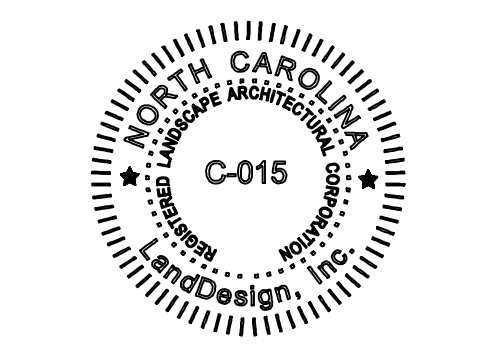
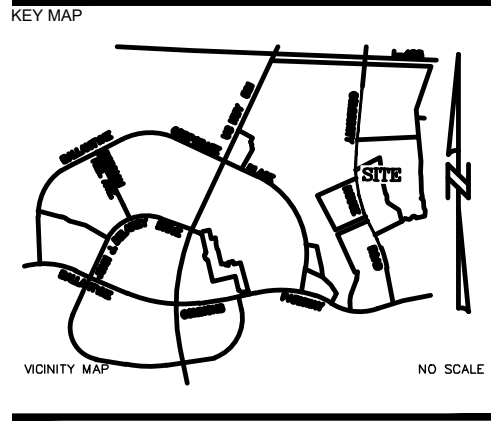


AREA 'B'
SHEET -02

AREA 'A'
SHEET -01

PCSO SUMMARY			
Original Parcel ID Number(s):	22350153 & Portions of 22350150		
Development Type:	Commercial		
Subject to PCSO? Y/N	Yes		
If NO, why?	Below BUA/Disturbance Thresholds		
Watershed:	Central Catawba		
Disturbed Area (ac):	13.99 Acres		
Site Area (ac):	14.342 ACRES		
	DA#1	DA#2	DA#3
Total on-site Drainage Area (ac):	3.56	4.26	3.95
Existing Built-upon-area (SF):	123,705	0	0
Existing BUA to be removed (SF):	123,705	0	0
Existing BUA to remain (SF):	0	0	0
Proposed New BUA (SF):	123,705	185,565	172,062
Proposed % BUA:	80%	100%	100%
Density (High / Low)	HIGH	HIGH	HIGH
Total Post-Project BUA for site:	10.54 Ac.		
Development or Redevelopment?	Redevelopment		
Natural Area Required (ac):	1.43 Acres (10%)		
Natural Area provided, total (ac):	1.43 Acres		
Undisturbed Treed Natural Area Preserved (ac):	1.20 Acres		
Total stream buffer protected on-site (ac):	1.20 Acres		
Transit Station Area? Y/N	No		
Distressed Business District? Y/N	No		
Mitigation Type (if applicable)	85% TSS		
Natural Area mitigation? Y/N	Yes		
Buffer Mitigation? Y/N	No		
Total Phosphorous Mitigation? Y/N	No		

Note: 0.23 acres of revegetated natural area will be provided.

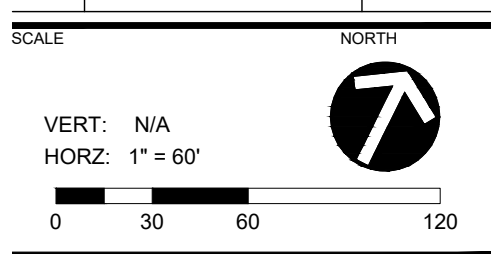


WEGMANS BALLANTYNE

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 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ# 1023199

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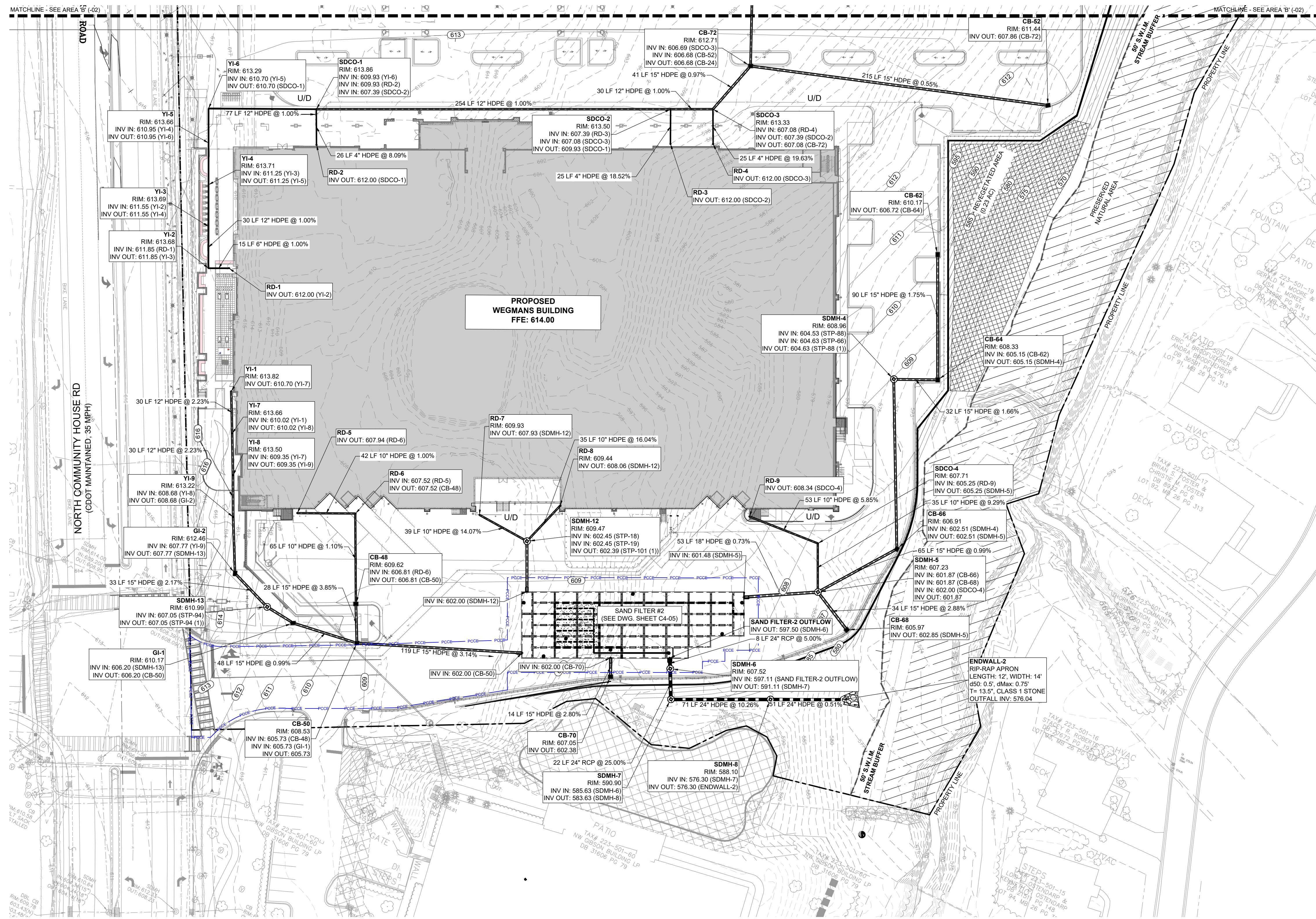


OVERALL STORM DRAINAGE PLAN

SHEET NUMBER **C4-00**

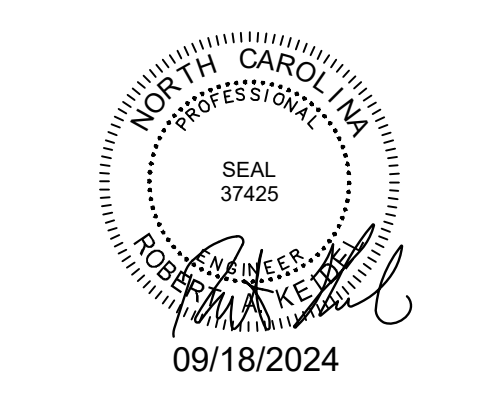
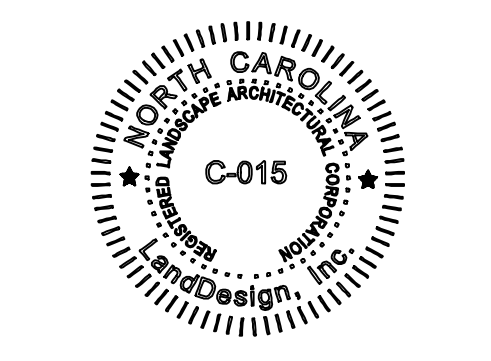
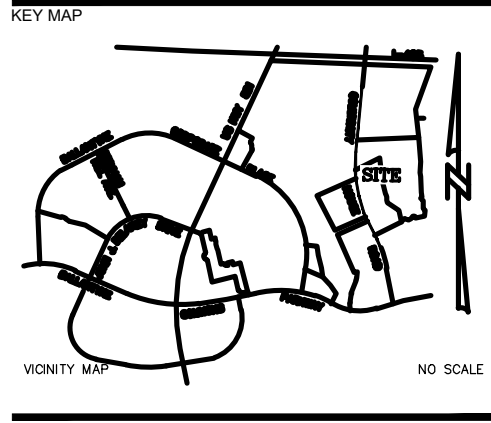
LEGEND:

- EX. CONTOUR
- PROP. CONTOUR
- EX. SEWER LINE
- EX. SEWER MANHOLE
- EX. WATER LINE
- EX. STORM DRAIN SYSTEM
- EX. OVERHEAD POWER LINE
- EX. UNDERGROUND COMM. LINE
- EX. UNDERGROUND GAS LINE
- EX. UNDERGROUND FIBER OPTICS
- PROPOSED STORM DRAIN SYSTEM
- POST CONSTRUCTION CONTROL EASEMENT
- UNDERGROUND DETENTION VAULT
- Ø24" MANWAY ACCESS



- STORM DRAINAGE NOTES:**
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 - 2) CATCH BASIN RIM ELEVATIONS ARE GIVEN TO THE EDGE OF ASPHALT.
 - 3) RIM ELEVATIONS GIVEN ON THESE PLANS ARE APPROXIMATE AND ARE FOR INFORMATIONAL PURPOSES ONLY. ACTUAL RIM ELEVATIONS SHALL BE DETERMINED BY CONTRACTOR AND ADJUSTED TO MATCH FIELD CONDITIONS. COORDINATE WITH CIVIL BASE CONSTRUCTION DOCUMENT DRAWINGS. COORDINATE ALL CURB AND STREET GRADES AT INTERSECTIONS WITH INSPECTOR AS WELL AS IN THE CIVIL BASE CONSTRUCTION DOCUMENT DRAWINGS PROVIDED.
 - 5) ANY DISCREPANCY BETWEEN PLANS AND FIELD CONDITIONS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY.
 - 6) APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES.
 - 7) IN ORDER TO ENSURE PROPER DRAINAGE, KEEP A MINIMUM OF 0.50% SLOPE ON THE CURB.
 - 8) CURB AND GUTTER SHOWN ON PLANS MAY BE ADJUSTED BASED UPON FIELD STAKING BY ENGINEER. ASSOCIATED STORM DRAINAGE MAY ALSO REQUIRE MODIFICATION BASED UPON FIELD CONDITIONS.
 - 9) ANY STRUCTURES AND/OR OBSTRUCTION TO STORM WATER FLOW OR ACCESS IS PROHIBITED.
 - 10) ALL SHORING SHALL BE IN ACCORDANCE TO OSHA TRENCHING STANDARDS, PART 1926 SUBPART P, AS AMENDED.
 - 11) CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
 - 12) IF PROPOSED UTILITIES IS INSTALLED WITHIN 12 INCHES, HORIZONTAL OR VERTICAL, FROM A GAS MAIN, THE CONTRACTOR SHALL INFORM PIEDMONT NATURAL GAS COMPANY, (704) 525-5585.
 - 13) ALL PERSONS OR AGENCIES DOING WORK IN THE PUBLIC STREETS, HIGHWAYS, OR PUBLIC RIGHTS-OF-WAY ARE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, COORDINATING THE WORK WITH ALL AFFECTED GOVERNMENT AGENCIES AND UTILITIES AND INFORMING OCCUPANT OF ADJACENT PROPERTIES OF ACCESS IMPACTS DUE TO THE WORK.
 - 14) RESPONSIBILITY FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SAFETY DEVICES FOR THE PROTECTION OF THE PUBLIC, THE WORKERS, AND GENERAL PROTECTION OF THE WORK SHALL REST WITH THE CONTRACTOR DOING THE WORK.
 - 15) ALL LANE CLOSURES THAT ARE REQUIRED SHALL FOLLOW THE UNIFORM TRAFFIC CONTROL MANUAL. CONTRACTOR TO COORDINATE WITH MANAGEMENT OF TRAFFIC CONTROL.
 - 16) SUBSURFACE DRAINAGE FACILITIES MAY BE REQUIRED IN THE STREET RIGHT-OF-WAY IF DEEMED NECESSARY BY THE INSPECTOR.
 - 17) CONTRACTOR TO COORDINATE ALL WORK WITH OTHER UTILITY INSTALLATIONS NOT COVERED IN THESE PLANS (ELECTRIC, TELEPHONE, GAS, CABLE, ETC.) AND ALLOW FOR THEIR OPERATIONS AND CONSTRUCTION TO BE PERFORMED.
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- STORM DRAIN & STORMWATER MANAGEMENT NOTES:**
- 1) ROOF DRAIN CONNECTION (TYP.) REFER TO THE MEP PLAN FOR CONTINUATION.



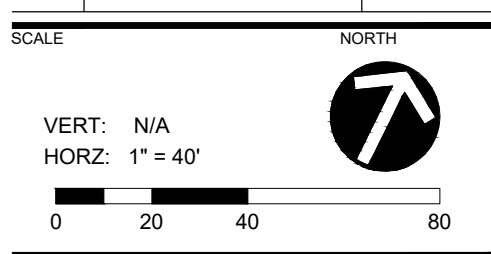
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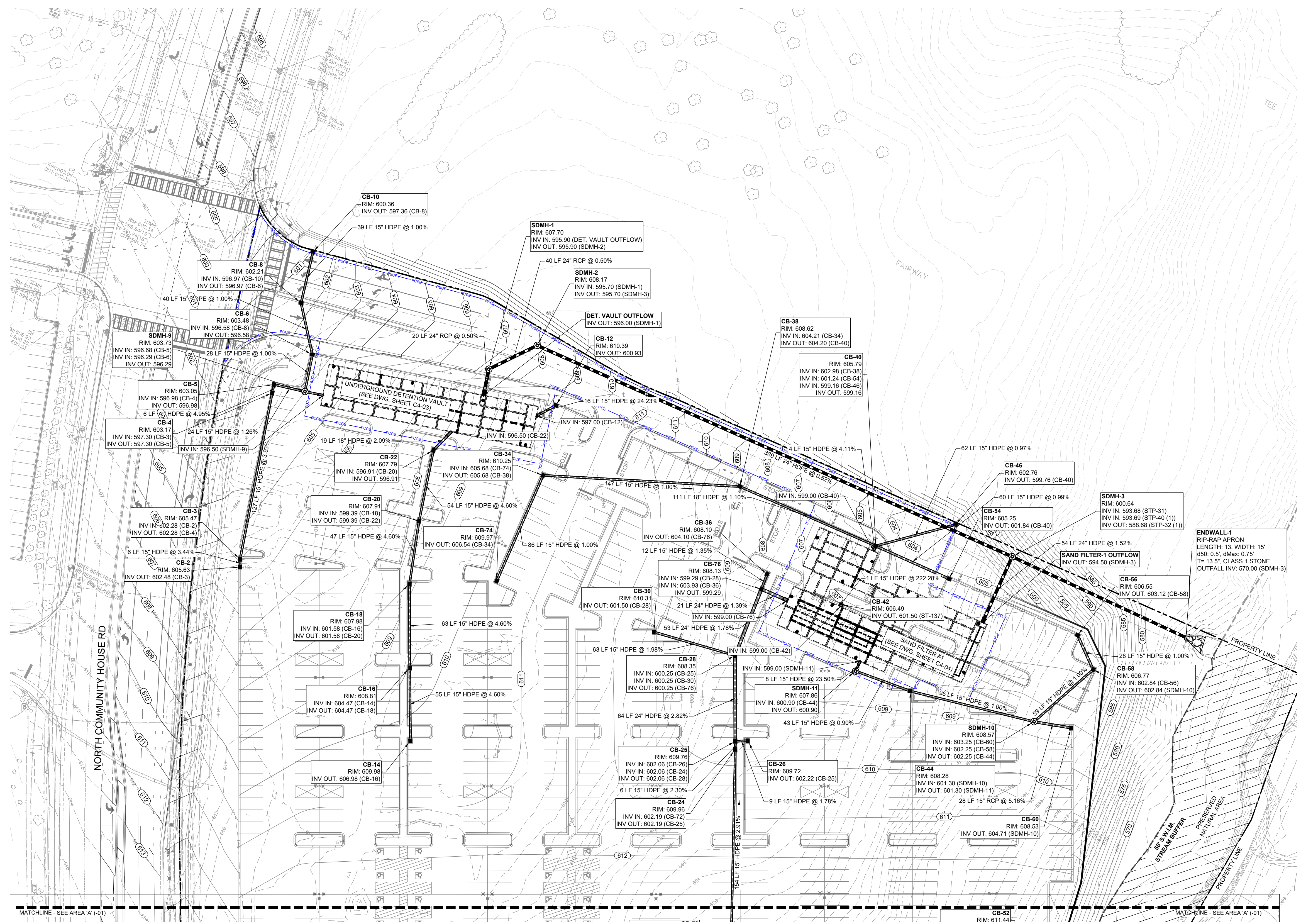


SHEET TITLE
STORM DRAINAGE PLAN- AREA 'A'

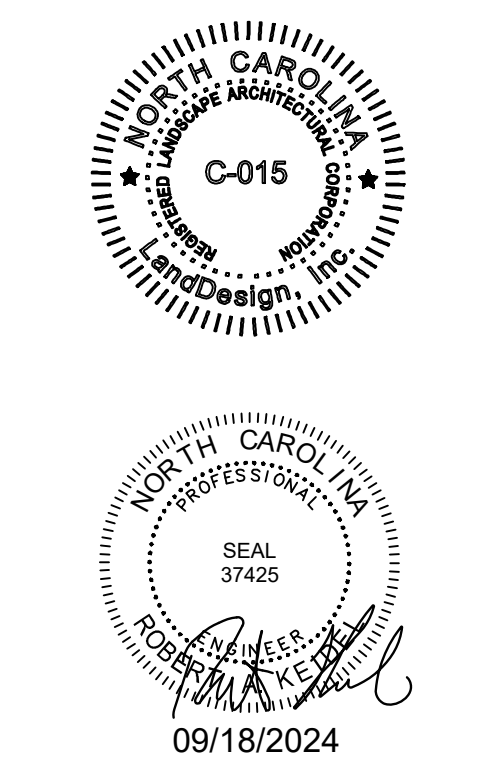
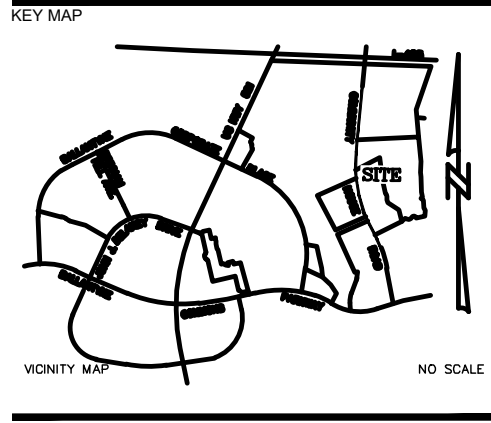
SHEET NUMBER
C4-01

LEGEND:

EX. CONTOUR	---
PROP. CONTOUR	(720)
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EX. SEWER MANHOLE	⊙
EX. WATER LINE	---
EX. STORM DRAIN SYSTEM	---
EX. OVERHEAD POWER LINE	---
EX. UNDERGROUND COMM. LINE	---
EX. UNDERGROUND GAS LINE	---
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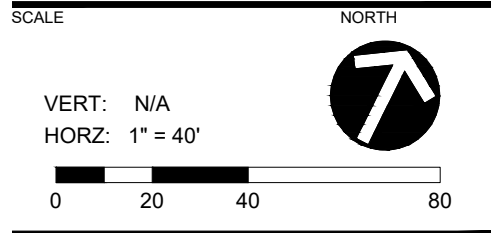
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STORM DRAINAGE PLAN- AREA 'B'

SHEET NUMBER
C4-02

