

0 ELLIOTT ROAD  
CHAPEL HILL, NORTH CAROLINA. 27517



ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT TOWN OF CHAPEL HILL AND OWASA DESIGN AND CONSTRUCTION STANDARDS

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION



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Know what's below.  
Call before you dig.

CONTRACTOR SHALL NOTIFY "NC811" (811) OR (1-800-632-4949) AT  
LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION  
OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED.  
CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE  
THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NC811".  
REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

CONSTRUCTION SEQUENCE - STAGE 1

- OBTAIN A LAND-DISTURBING PERMIT AND SCHEDULE A PRECONSTRUCTION CONFERENCE WITH ORANGE COUNTY EROSION CONTROL OFFICER, WESLEY POOLE (919)245.2587. THE PRECONSTRUCTION MEETING SHALL INCLUDE A REPRESENTATIVE FROM OWASA, TOWN OF CHAPEL HILL, TOWN OF CHAPEL HILL URBAN FORESTER, AND OWNER.  
  
NOTE: INSTALL A RURAL TYPE MAILBOX ON THE SITE TO HOLD A COPY OF THE APPROVED EROSION CONTROL PLAN AND TO PROVIDE A PLACE FOR INSPECTORS TO LEAVE INSPECTION REPORT, COMPLIANCE NOTICES, ETC.
- INSTALL GRAVEL CONSTRUCTION ENTRANCE(S) PER PLAN. ALSO INSTALL TEMPORARY SILT FENCING WITH OUTLETS AS SHOWN.
- CONTRACTOR SHALL CLEAR ONLY THOSE AREAS NECESSARY TO ACCESS AND INSTALL INITIAL PERIMETER DEVICES.
- INSTALL DIVERSION DITCHES/BERMS AND INLET PROTECTION ON EXISTING INLETS AS SHOWN. CONTRACTOR TO DIVERT RUNOFF TO EXCAVATED AREA WITH TEMPORARY DROP INLET, DI-1. DI-1 IS TO BE UNIFORMLY GRADED WITH GRAVEL PROTECT DRILLED WEEP HOLES.
- CALL 919.245.2587 FOR ON-SITE INSPECTION BY ORANGE COUNTY EROSION CONTROL.
- BEGIN GRADING OF SITE.
- NO MUD SHALL BE TRACKED ONTO EXISTING PAVEMENT OR A NOTICE OF VIOLATION FROM THE EROSION CONTROL DEPARTMENT MAY ENSUE. ADDITIONAL MEASURES MAY BE NECESSARY TO ASSURE THAT NO SEDIMENT LEAVES THE SITE.
- PROVIDE ALL DISTURBED AREAS WITH GROUND COVER WITHIN 14 CALENDAR DAYS AFTER COMPLETION OF ANY PHASE OF CLEARING, GRUBBING OR GRADING. THE SEEDING, SEEDBED PREPARATION, MULCH AND/OR ROLLED EROSION CONTROL PRODUCT INSTALLATION MUST BE IN ACCORDANCE WITH THE SEEDING SCHEDULE PROVIDED IN THIS S&E PLAN. NOTE: SLOPES IN EXCESS OF 3H:1V SHALL BE STABILIZED WITHIN 7 DAYS AND FOR MODERATE SLOPES (SLOPES LESS THAN 3H:1V) SHALL BE STABILIZED WITHIN 14 DAYS.
- BEGIN CLEARING, DEMOLITION OF EXISTING ASPHALT, CONCRETE AND GRAVEL AREAS THEN BEGIN GENERAL GRADING OF SITE. MAINTAIN DEVICES AS NEEDED.
- WITH APPROVAL FROM ORANGE COUNTY EROSION CONTROL INSPECTOR, CONTINUE TO STAGE 2.

CONSTRUCTION SEQUENCE - STAGE 2

- CONTINUE MASS GRADING FROM STAGE 1.
- UTILIZE THE SUITABLE BACKFILL MATERIAL FROM EXCAVATION. RELOCATE AND ADJUST TEMPORARY DIVERSION DITCHES AS NECESSARY. DIVERSION DITCHES SHALL REMAIN IN PLACE AND OPERATIONAL UNTIL SITE IS STABILIZED.
- CONSTRUCT STORM DRAINAGE SYSTEM AS SHOWN.
- ONCE UPSTREAM GRADING IS STABILIZED, REMOVE DI-1 AND FILL AREA WITH STABLE SOIL AND MATCH TO FINAL GRADE.
- PROVIDE ALL DISTURBED AREAS WITH GROUND COVER WITHIN 14 CALENDAR DAYS AFTER COMPLETION OF ANY PHASE OF CLEARING, GRUBBING OR GRADING. THE SEEDING, SEEDBED PREPARATION, MULCH AND/OR ROLLED EROSION CONTROL PRODUCT INSTALLATION MUST BE IN ACCORDANCE WITH THE SEEDING SCHEDULE PROVIDED IN THIS S&E PLAN. NOTE: SLOPES IN EXCESS OF 3H:1V SHALL BE STABILIZED WITHIN 7 DAYS AND FOR MODERATE SLOPES (SLOPES LESS THAN 3H:1V) SHALL BE STABILIZED WITHIN 14 DAYS.
- AT THE CONCLUSION OF BUILDING OR IF LAND-DISTURBING ACTIVITY IS STOPPED FOR MORE THAN 14 CONSECUTIVE CALENDAR DAYS, PERMANENT VEGETATIVE COVER SHALL BE INSTALLED IN ACCORDANCE WITH THIS S&E PLAN.
- WHEN CONSTRUCTION IS COMPLETE, CALL OCEC TO OBTAIN FINAL INSPECTION AND CERTIFICATE OF COMPLETION TO CLOSE OUT EROSION CONTROL PERMIT.

EROSION CONTROL NOTES:

- EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND INSPECTED PRIOR TO ANY GRADING ON SITE. THE CONTRACTOR SHALL CALL FOR A INSPECTION BY ORANGE COUNTY SEDIMENTATION AND EROSION CONTROL (SEC) ONCE INITIAL MEASURES ARE IN PLACE.
- REQUIRED TREE PROTECTION FENCING SHALL BE INSTALLED AND A PRE-CONSTRUCTION CONFERENCE SCHEDULED WITH THE TOWN'S URBAN FORESTER PRIOR TO BEGINNING LAND DISTURBANCE.
- SEDIMENT/EROSION CONTROL DEVICES MUST BE CHECKED AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE.
- IN ADDITION TO THE REQUIREMENT DURING CONSTRUCTION FOR THE INSPECTION OF EROSION CONTROL DEVICES AFTER EVERY RAINFALL, THE CONTRACTOR SHALL INSPECT THE EROSION AND SEDIMENT CONTROL DEVICES AND OPSITE ROADWAYS DAILY, MAKE ANY NECESSARY REPAIRS OR ADJUSTMENTS TO THE DEVICES, REMOVE DEPOSITION OF WET OR DRY SILT ON ADJACENT ROADWAYS AND MAINTAIN INSPECTION LOGS DOCUMENTING THE DAILY INSPECTIONS AND ANY NECESSARY REPAIRS.
- A COPY OF THE APPROVED EROSION CONTROL PLAN MUST BE ON FILE AT THE JOB SITE AT ALL TIMES.
- CONSTRUCTION, MAINTENANCE, AND REMOVAL OF ALL EROSION CONTROL DEVICES ARE THE RESPONSIBILITY OF THE GRADING CONTRACTOR UNLESS OTHERWISE NOTED.
- ANY GRADING BEYOND THE DENUDED LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
- NO DEBRIS SHALL BE TRACKED ONTO ANY EXISTING PAVED AREAS OR PUBLIC RIGHT OF WAY. IF THE SITUATION OCCURS WHERE MUD, ROCK AND DEBRIS IS TRACKED ONTO PAVEMENT, THE CONTRACTOR SHALL CLEAN THE PAVEMENT AND INSTALL ADDITIONAL MEASURES TO PREVENT THE FUTURE OCCURRENCE.
- DURING THE CONSTRUCTION PHASE, ADDITIONAL EROSION AND SEDIMENT CONTROLS MAY BE REQUIRED IF THE PROPOSED MEASURES DO NOT CONTAIN THE SEDIMENT ON SITE. THE EROSION CONTROL INSPECTOR MAY REQUIRE ADDITIONAL FIELD MEASURES AS NECESSARY TO PROVIDE ADEQUATE PROTECTION FROM RECEIVING WATER COURSES.
- PROTECTION OF EXISTING VEGETATION: AT THE START OF GRADING INVOLVING THE STRIPPING OF TOPSOIL OR LOWERING OF EXISTING GRADE AROUND A TREE, A CLEAN, SHARP, VERTICAL CUT SHALL BE MADE AT THE EDGE OF THE TREE SAVE AREA AT THE SAME TIME AS OTHER EROSION CONTROL MEASURES ARE INSTALLED. THE TREE PROTECTION FENCING SHALL BE INSTALLED ON THE SIDE OF THE CUT FARTHEST AWAY FROM THE TREE TRUNK AND SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION IN THE VICINITY OF THE TREES IS COMPLETE. NO STORAGE OF MATERIALS, FILL, OR EQUIPMENT AND NO TRESPASSING SHALL BE ALLOWED WITHIN THE BOUNDARY OF THE PROTECTED AREA AND SHALL BE POSTED ON THE PROTECTION FENCE. A PROTECTION FENCE CONSTRUCTED OF MATERIAL RESISTANT TO DEGRADATION BY SUN, WIND, AND MOISTURE FOR THE DURATION OF THE CONSTRUCTION, SHALL BE INSTALLED AT THE SAME TIME AS THE EROSION CONTROL MEASURES AND SHALL BE IN PLACE UNTIL ALL CONSTRUCTION IN THE VICINITY OF THE TREES IS COMPLETE.
- A CONSTRUCTION SEQUENCE HAS BEEN PROVIDED. INSTALLATION OF ALL PROPOSED SEDIMENTATION & EROSION CONTROL MEASURES IN THE SEQUENCE(S) PROVIDED AND MAINTENANCE OF THOSE DEVICES IS REQUIRED. THE CONTRACTOR MAY BE ALLOWED, WITH PRIOR APPROVAL FROM THE OWNER, TO COORDINATE CHANGES TO THE PLAN WITH THE ON-SITE SEDIMENTATION & EROSION CONTROL INSPECTOR AND THE ENGINEER.
- PROVIDE INLET PROTECTION AROUND ALL SITE STORM INLETS. PROTECT OPEN PIPES UNDER CONSTRUCTION WITH EITHER PLYWOOD OR WITH MESH AND GRAVEL WEIRS. RUNOFF SHALL NOT BE ALLOWED IN ANY OPEN TRENCH.
- CONTRACTOR TO VERIFY SILT FENCE OUTLET PLACEMENT AT LOW POINTS AS THEY EXIST OR DEVELOP. ADDITIONAL SILT FENCE OUTLETS MAY BE REQUIRED TO PREVENT EROSION DURING AND AFTER CONSTRUCTION AND LAND DISTURBANCE ACTIVITIES. IF ADDITIONAL SILT FENCE OUTLETS ARE NECESSARY, CONTRACTOR TO ADD ADDITIONAL SILT FENCE OUTLETS PER ENGINEER, NCDEC EROSION CONTROL INSPECTOR, OR OWNER DIRECTION. IF PONDING OF WATER OR SEDIMENT OCCURS ALONG SILT FENCE, CONTRACTOR SHALL INSTALL AN ADDITIONAL SILT FENCE OUTLET.
- TEMPORARY DIVERSIONS SHALL BE MAINTAINED DAILY BY CONTRACTOR SO THAT THEY ARE FUNCTIONAL AT THE END OF EACH WORKDAY AND WHEN STOPPING WORK FOR RAIN.
- PER NCGI0000 GENERAL PERMIT REQUIREMENTS, A NOTICE OF INTENT (NOI) APPLICATION MUST BE SUBMITTED AND A CERTIFICATE OF COVERAGE RECEIVED FROM NCDEC PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

CONTRACTOR'S MAINTENANCE PLAN:

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN ALL MEASURES AS DESIGNED.
- SEDIMENT BASINS SHALL BE INSPECTED REGULARLY DURING LAND DISTURBING ACTIVITIES AND AFTER EACH RUNOFF-PRODUCING RAINFALL. SEDIMENT SHALL BE REMOVED AND THE BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF EACH BASIN. PORTIONS OF THE BASIN'S GRAVEL FACING THAT ARE CONTAMINATED BY SEDIMENT SHALL BE REPLACED WITH FRESH GRAVEL DURING EACH SEDIMENT REMOVAL EPISODE.
- SEDIMENT FENCES SHALL BE INSPECTED AT LEAST ONCE A WEEK AND AFTER EACH RUNOFF PRODUCING RAINFALL. REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED AS NEEDED TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAINFALL EVENT, AND TO REDUCE PRESSURE ON THE FENCE. FENCING MATERIALS AND SEDIMENT DEPOSITS SHALL BE REMOVED, AND THE AREA BROUGHT TO GRADE FOLLOWING STABILIZATION OF UPGRADIENT DISTURBED AREAS.
- DIVERSION DITCHES MUST REMAIN IN PLACE UNTIL PROJECT IS STABILIZED.
- EROSION CONTROL DURING SITE CONSTRUCTION WILL BE ACCOMPLISHED BY USE OF SILT FENCING AND SILT FENCE OUTLETS. DEVICES MUST BE EMPTIED WHEN SEDIMENT ACCUMULATION HAS REACHED 6" DEPTH.

TEMPORARY SEEDING SCHEDULE

SEEDING DATE	SEEDING MIXTURE	APPLICATION RATE
JAN 1 – MAY 1	RYE (GRAIN) KOBE LESPEDEZA GERMAN MILLET	120 LBS/AC 50 LBS/AC 40 LBS/AC 120 LBS/AC
MAY 1 – AUG 15		
AUG 15 – DEC 30		
<b>SOIL AMENDMENTS</b> FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 4,000 LB/AC GROUND AGRICULTURE LIMESTONE AND 750 LB/AC 10–10–10 FERTILIZER (FROM AUG 15 – DEC 30, INCREASE 10–10–10 FERTILIZER TO 1000 LB/AC).		
<b>MULCH</b> APPLY 4000 LB/AC 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.		
<b>MAINTENANCE</b> JAN 1 – AUG 15: REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE, AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.  AUG 15 – DEC 30: REPAIR AND REFERTILIZE DAMAGED AREAS IMMEDIATELY. TOP DRESS WITH 50 LB/AC OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 LB/AC KOBE LESPEDEZA IN LATE FEBRUARY OR EARLY MARCH.		

NOTE: USE THE TEMPORARY SEEDING SCHEDULE ONLY WHEN DATE IS NOT CORRECT TO USE THE PERMANENT SEEDING SCHEDULE.

PERMANENT SEEDING SCHEDULE

SEEDING DATE	SEEDING MIXTURE	APPLICATION RATE
AUG 25 - OCT (BEST)	TALL FESCUE RYE (GRAIN) GERMAN MILLET	200 LBS/AC 50 LBS/AC 50 LBS/AC
FEB - APR 15 (POSSIBLE)	TALL FESCUE RYE (GRAIN) GERMAN MILLET	200 LBS/AC 50 LBS/AC 50 LBS/AC
<b>SOIL AMENDMENTS</b> FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 4,000 LB/AC GROUND AGRICULTURE LIMESTONE AND 1000 LB/AC 10-10-10 FERTILIZER.  <b>MULCH</b> APPLY 4000 LB/AC 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.  <b>MAINTENANCE</b> INSPECT AND REPAIR MULCH FREQUENTLY. REFERTILIZE IN LATE WINTER OF THE FOLLOWING YEAR; USE SOIL TESTS OR APPLY 150 LB/AC 10-10-10 FERTILIZER. MOW REGULARLY TO A HEIGHT OF 2-4 INCHES.		

SEEDBED PREPARATION

AREAS TO BE SEEDED TO BE SCARIFIED 4" DEEP. A FIRM, WELL PULVERIZED, UNIFORM SEEDBED SHOULD BE PROVIDED. FERTILIZER SHALL BE PLACED DURING SCARIFICATION AS FOLLOWS:  
LIME: 45 LBS / 1,000 SF  
PHOSPHOROUS: 20 LBS / 1,000 SF  
FERTILIZER: 17 LBS / 1,000 SF

GROUND STABILIZATION		
SITE AREA DESCRIPTION	STABILIZATION TIME FRAME	STABILIZATION TIME FRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED
SLOPES 3:1 OR FLATTER	14 DAYS	7-DAYS FOR SLOPES GREATER THAN 50 FEET IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERIMETERS AND HOW ZONES)

BUILDING WASTES HANDLING	
• NO PAINT OR LIQUID WASTES IN STREAM OR STORM DRAINS	
• DEDICATED AREAS FOR DEMOLITION, CONSTRUCTION AND OTHER WASTES MUST BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE ALTERNATIVES AVAILABLE.	
• EARTHEN MATERIAL STOCKPILES MUST BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE ALTERNATIVES AVAILABLE.	
• CONCRETE MATERIALS MUST BE CONTROLLED TO AVOID CONTACT WITH SURFACE WATER, WETLANDS, OR BUFFERS.	

EXCAVATED INLET PROTECTION (TEMPORARY) CALCULATIONS

PROJECT NUMBER: WDF22001

PROJECT NAME: Park Apartments - Phase II

DATE: 04/11/23

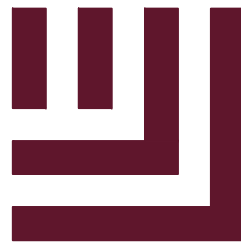
Basin #	Drainage Area 1 AC Max AC.	Required Storage (1800 cf/ac*DA) Cubic Yards    Cubic Feet		Excavation Depth (Min. 1 ft) Feet	Slope of Sides (Max. 2:1)	Min. Surface Area Req. Storage/Depth Sq. Ft.	Dimensions		
							Length	Width	Diameter
DI-1	0.990	66.00	1,782.00	2.0	2	891.00	44	22	34

TEMPORARY DIVERSION DITCH SUMMARY			
CHANNEL #	SECTION		LINER
	BOTTOM (FT)	SIDES	
TD-1	0.0'	3:1	0.0298 ERONET S75

SEE SHEET C0.00 FOR ALL PROJECT, SITE, GRADING, STORM DRAINAGE AND UTILITY NOTES

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PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION



McADAMS

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CLIENT

WOODFIELD INVESTMENTS  
11425 HORSEMAN'S TRAIL  
RALEIGH, NC 27613  
PHONE: 919. 535. 8947

PARK APARTMENTS - PHASE II

PHASE II FORM DISTRICT PERMIT

O ELLIOTT ROAD

CHAPEL HILL, NORTH CAROLINA, 27517



REVISIONS

NO. DATE

PLAN INFORMATION

PROJECT NO. WDF22001  
FILENAME WDF22001-ECN1  
CHECKED BY DCB  
DRAWN BY SME  
SCALE N/A  
DATE 04. 14. 2023

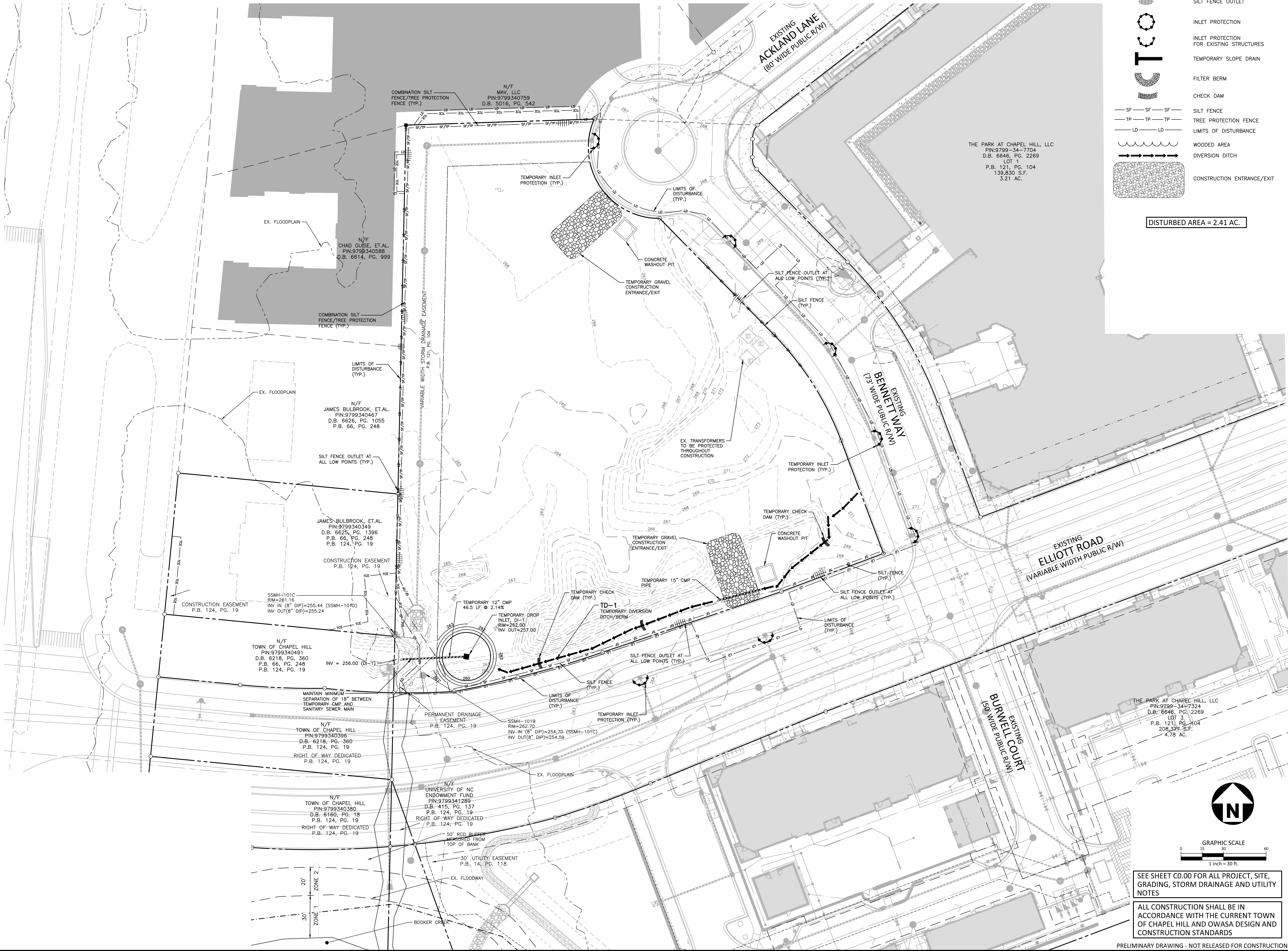
SHEET

EROSION CONTROL NOTES

C6.00



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**EROSION CONTROL LEGEND**

- SILT FENCE OUTLET
- INLET PROTECTION
- INLET PROTECTION FOR EXISTING STRUCTURES
- TEMPORARY SLOPE DRAIN
- FILTER BERM
- CHECK DAM
- SILT FENCE
- TREE PROTECTION FENCE
- LIMITS OF DISTURBANCE
- WOODED AREA
- DIVERSION DITCH
- CONSTRUCTION ENTRANCE/EXIT

**DISTURBED AREA = 2.41 AC.**

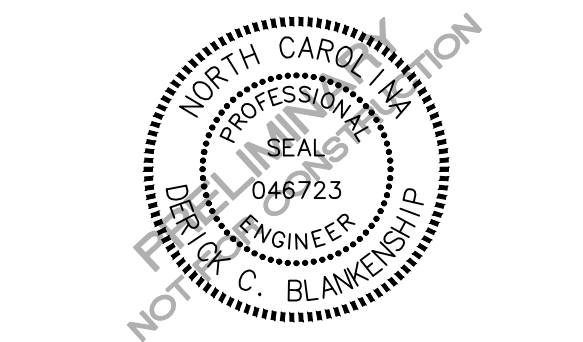
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**PARK APARTMENTS - PHASE II**  
**PHASE II FORM DISTRICT PERMIT**  
**0 ELLIOTT ROAD**  
CHAPEL HILL, NORTH CAROLINA, 27517



**REVISIONS**

NO.	DATE
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**PLAN INFORMATION**

PROJECT NO. WDF22001  
FILENAME WDF22001-EC1  
CHECKED BY ZNB  
DRAWN BY MRO  
SCALE 1"=30'  
DATE 04.14.2023

**SEE SHEET C0.00 FOR ALL PROJECT, SITE, GRADING, STORM DRAINAGE AND UTILITY NOTES**

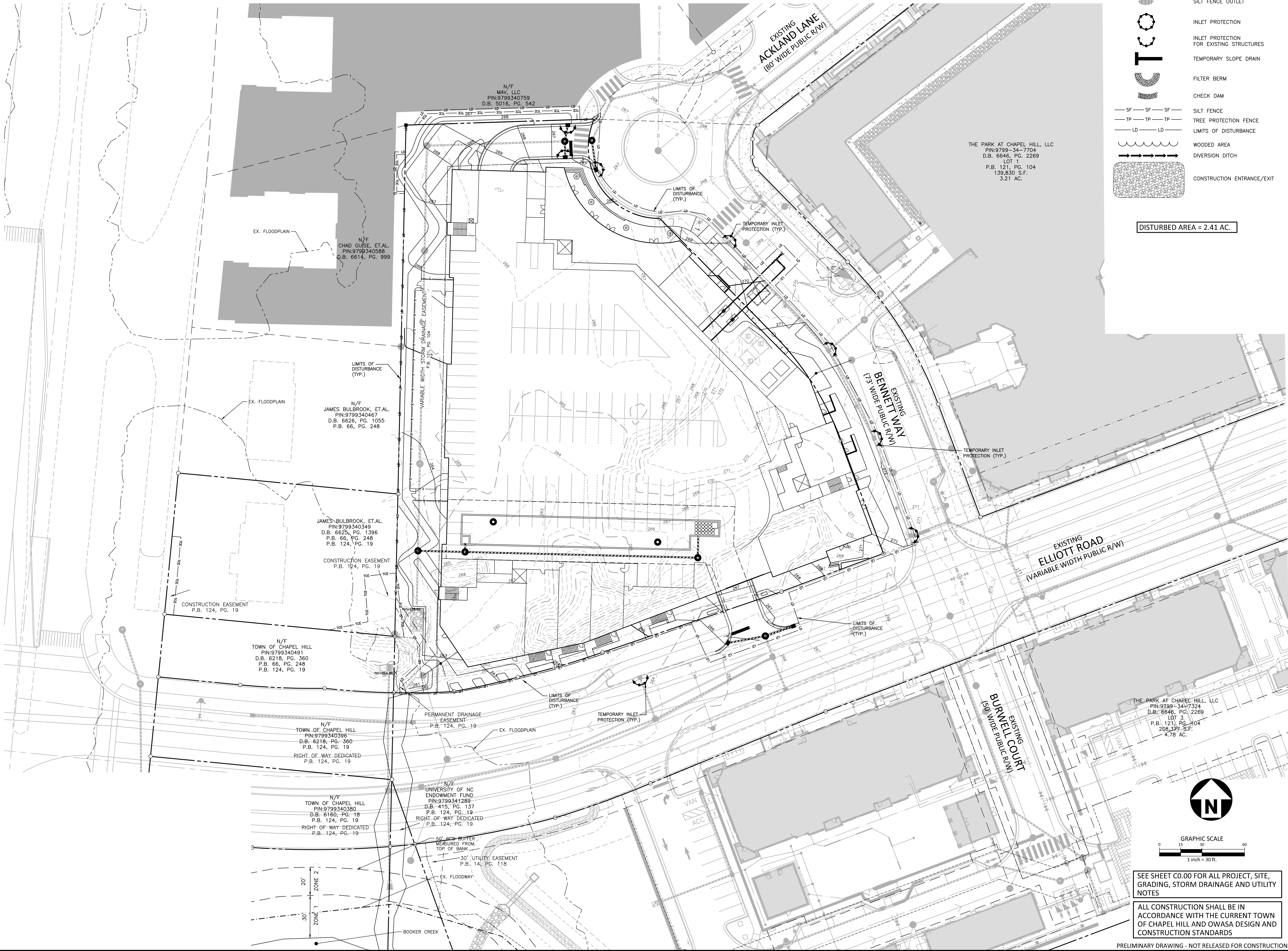
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**EROSION CONTROL PLAN - STAGE I**

**C6.01**



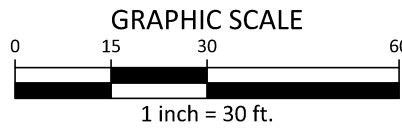
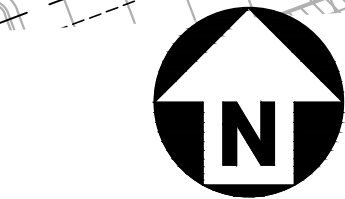
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**EROSION CONTROL LEGEND**

- SILT FENCE OUTLET
- INLET PROTECTION
- INLET PROTECTION FOR EXISTING STRUCTURES
- TEMPORARY SLOPE DRAIN
- FILTER BERM
- CHECK DAM
- SILT FENCE
- TREE PROTECTION FENCE
- LIMITS OF DISTURBANCE
- WOODED AREA
- DIVERSION DITCH
- CONSTRUCTION ENTRANCE/EXIT

DISTURBED AREA = 2.41 AC.



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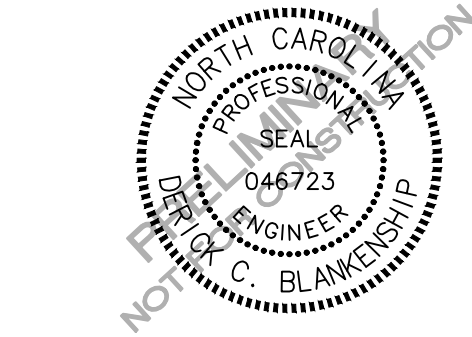
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**PHASE II FORM DISTRICT PERMIT**  
**0 ELLIOTT ROAD**  
CHAPEL HILL, NORTH CAROLINA, 27517



**REVISIONS**

NO. DATE

**PLAN INFORMATION**

PROJECT NO. WDF22001  
FILENAME WDF22001-EC2  
CHECKED BY ZNB  
DRAWN BY MRO  
SCALE 1"=30'  
DATE 04.14.2023

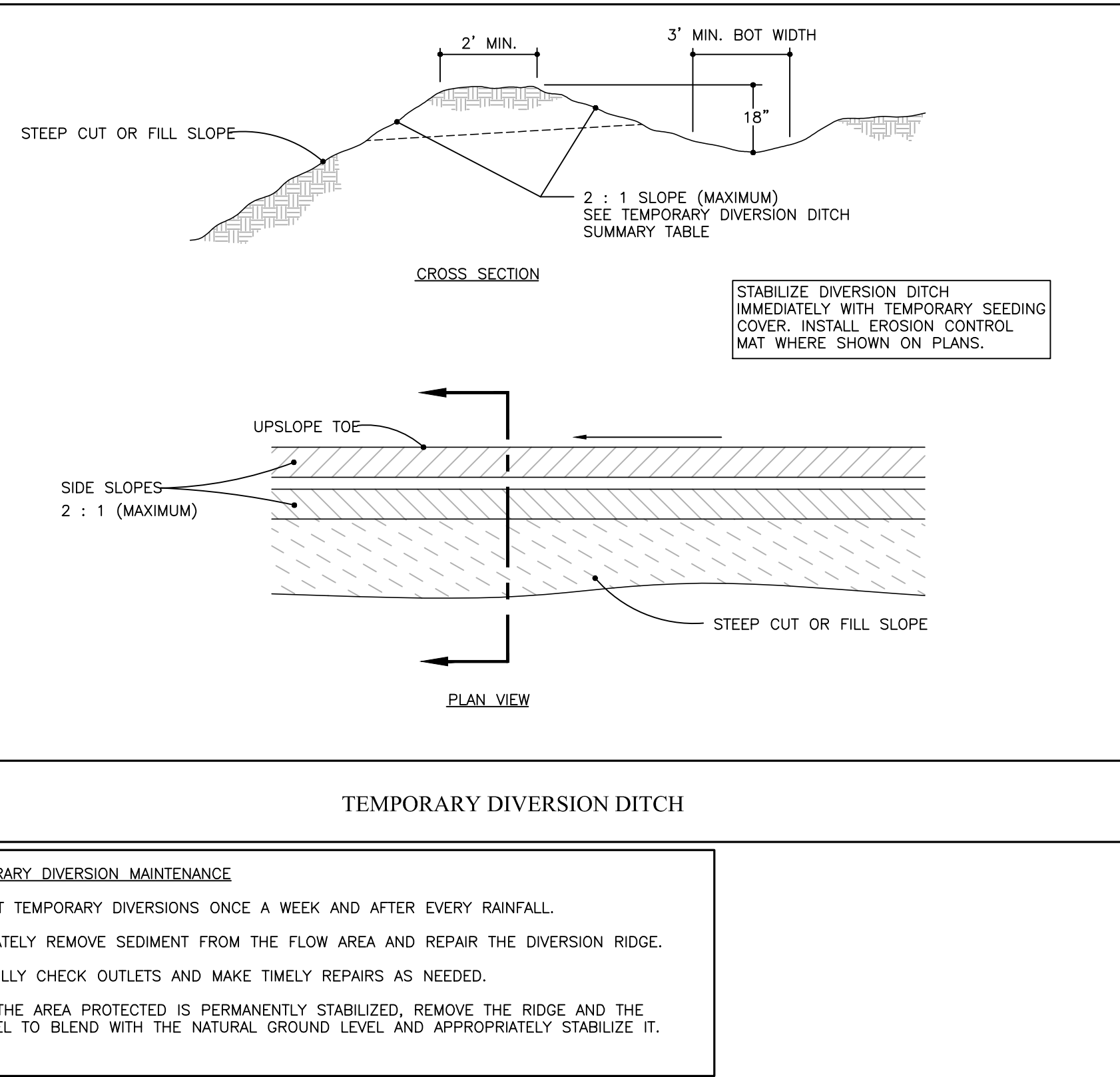
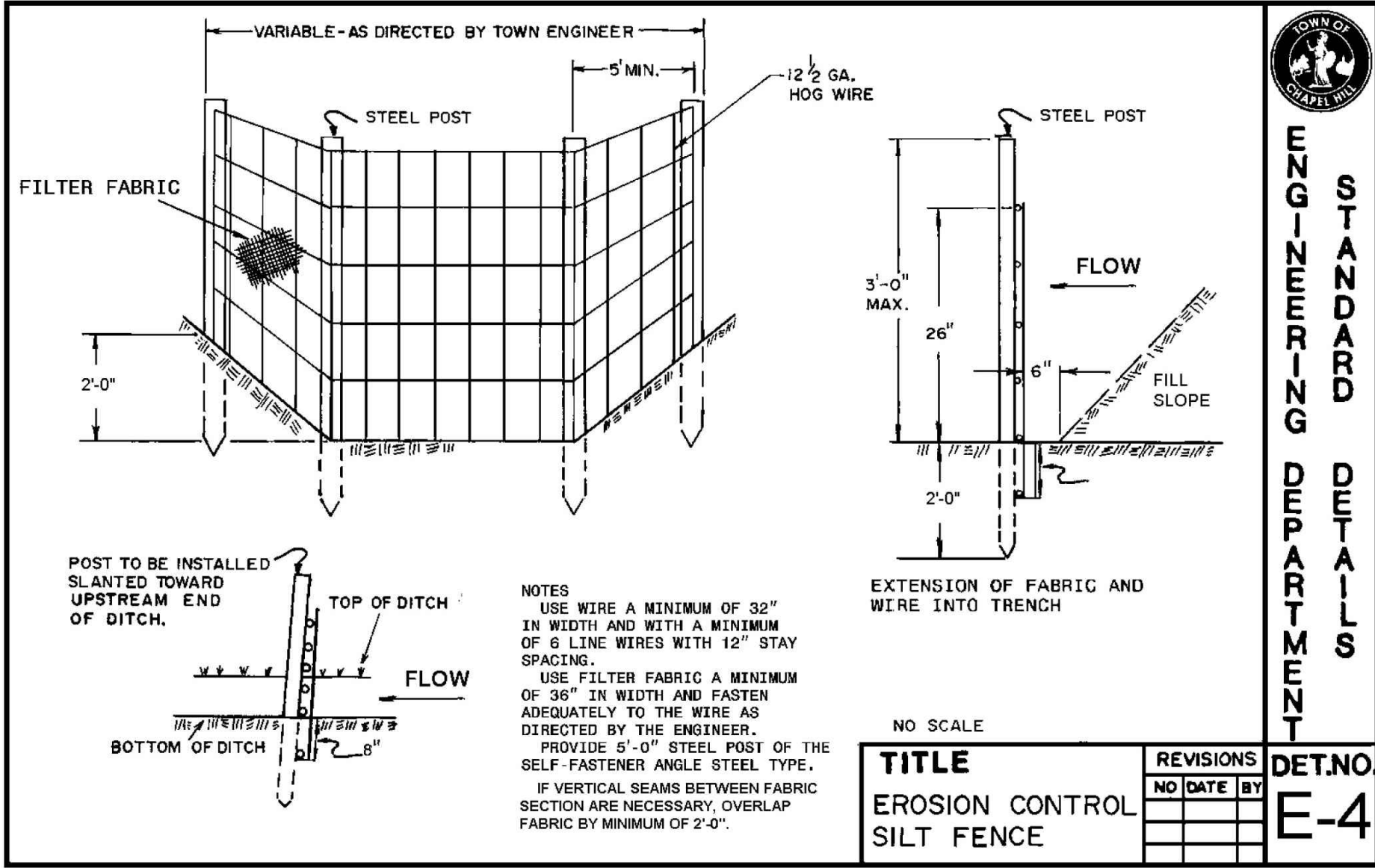
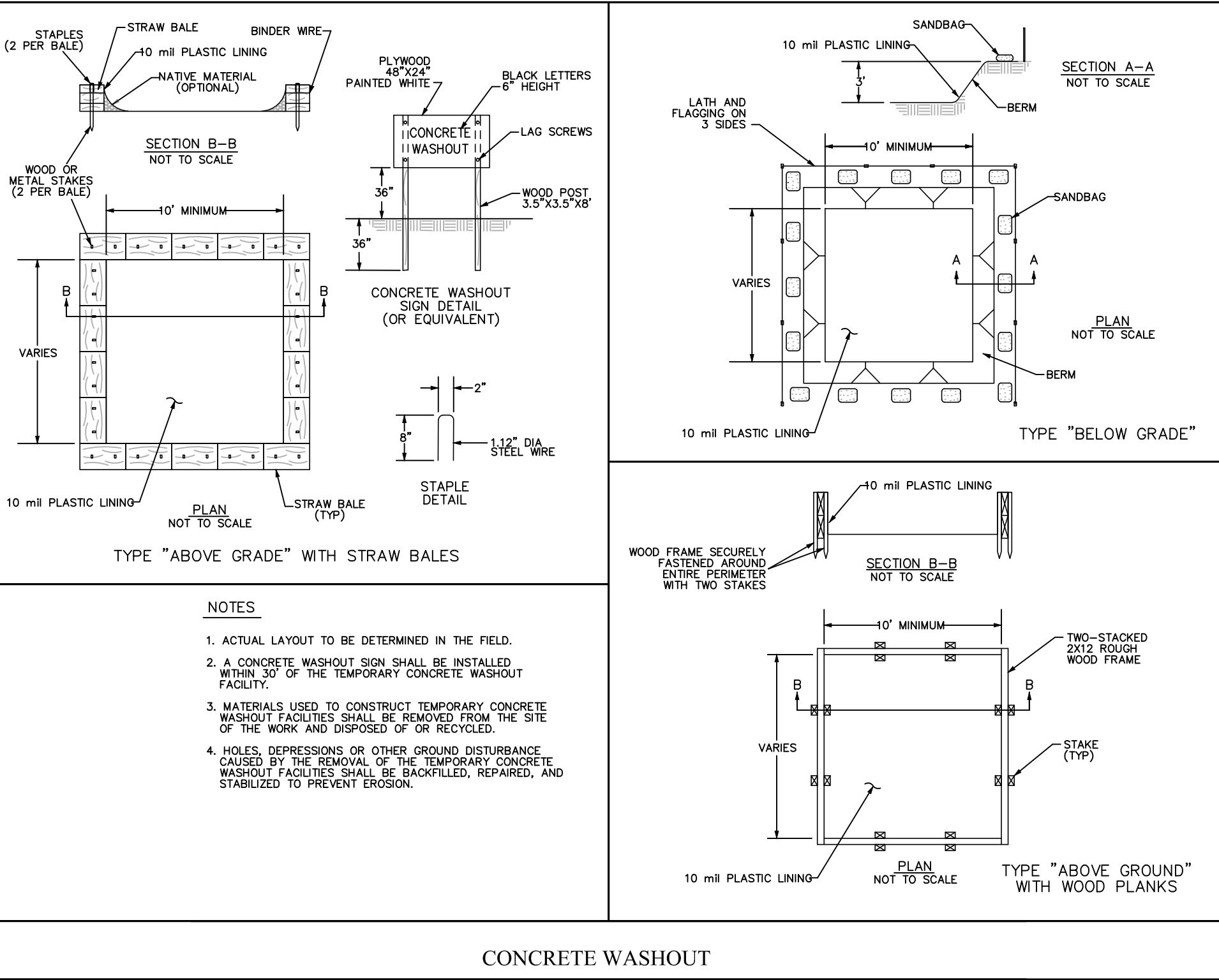
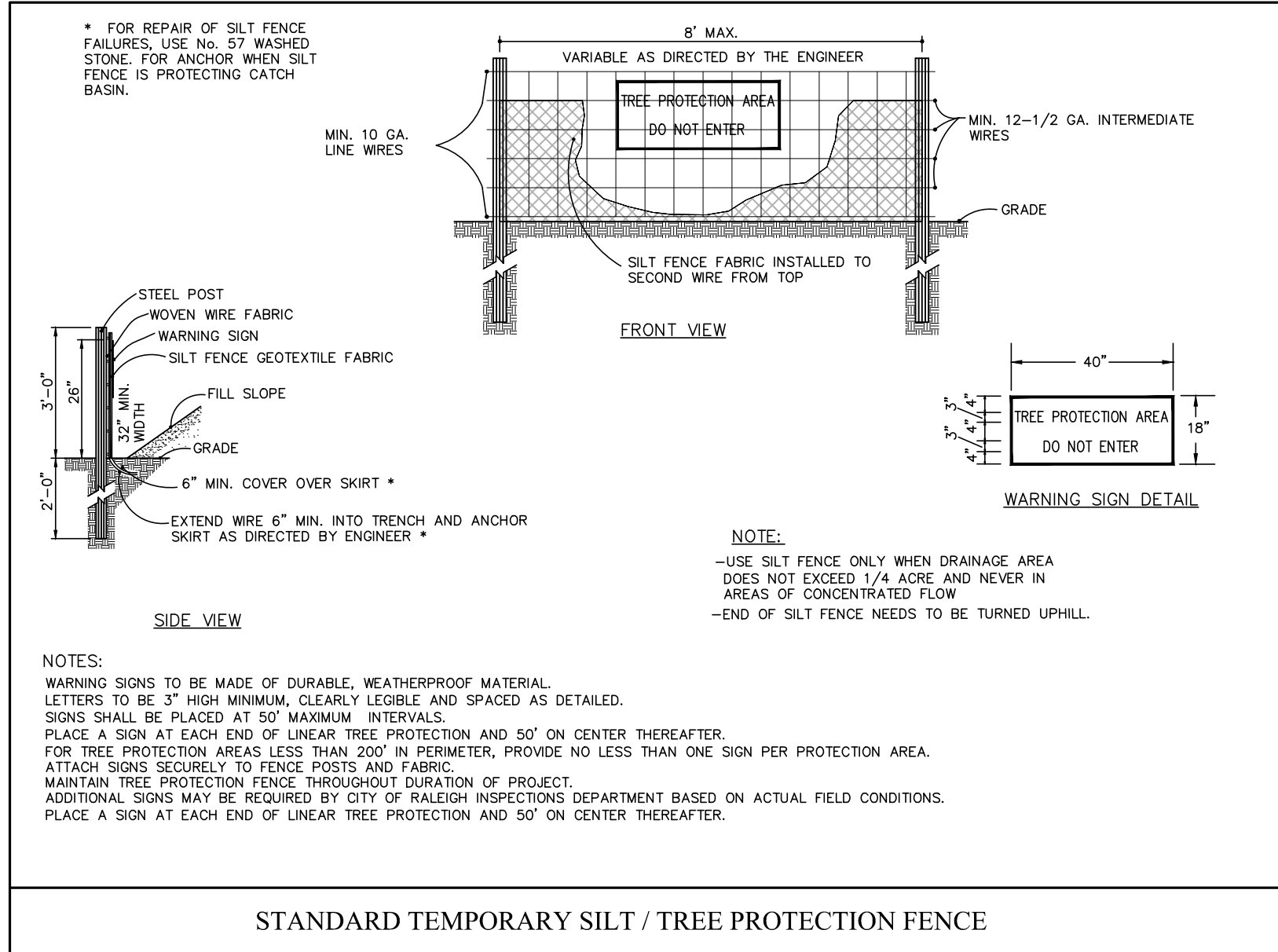
**SHEET**

**EROSION CONTROL  
PLAN - STAGE II**

**C6.02**



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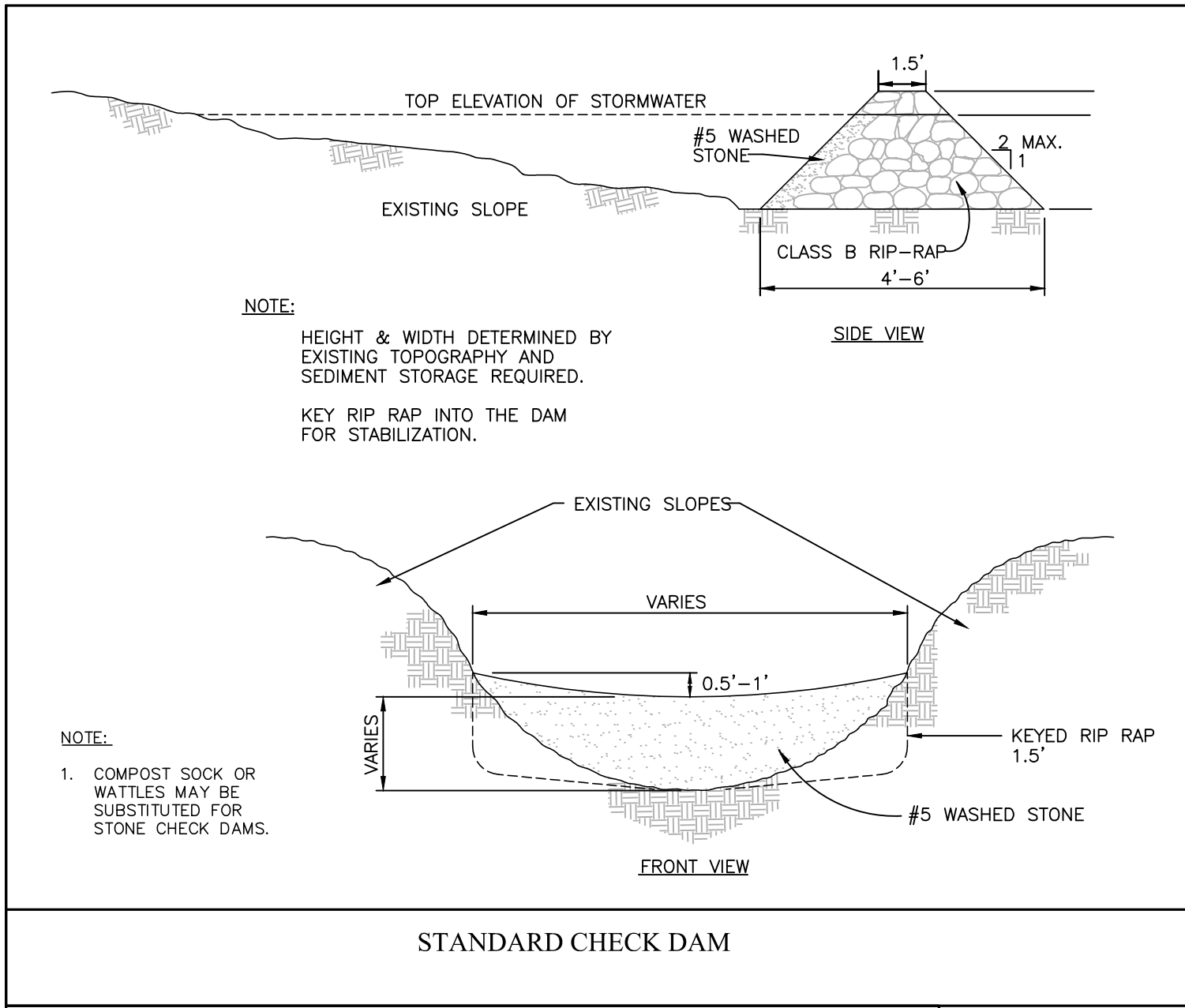
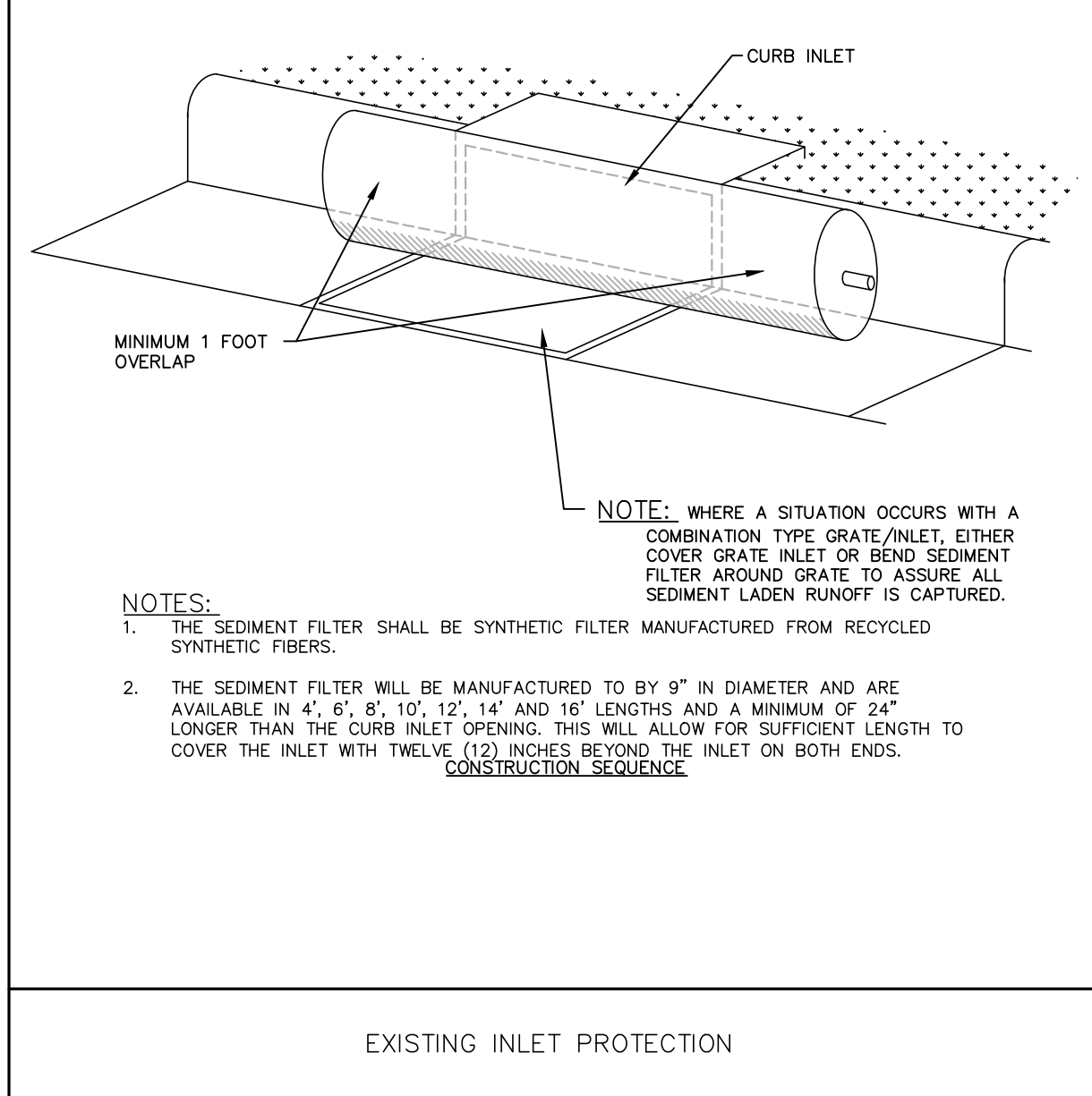
**TEMPORARY DIVERSION MAINTENANCE**

INSPECT TEMPORARY DIVERSIONS ONCE A WEEK AND AFTER EVERY RAINFALL.

IMMEDIATELY REMOVE SEDIMENT FROM THE FLOW AREA AND REPAIR THE DIVERSION RIDGE.

CAREFULLY CHECK OUTLETS AND MAKE TIMELY REPAIRS AS NEEDED.

WHEN THE AREA PROTECTED IS PERMANENTLY STABILIZED, REMOVE THE RIDGE AND THE CHANNEL TO BLEND WITH THE NATURAL GROUND LEVEL AND APPROPRIATELY STABILIZE IT.

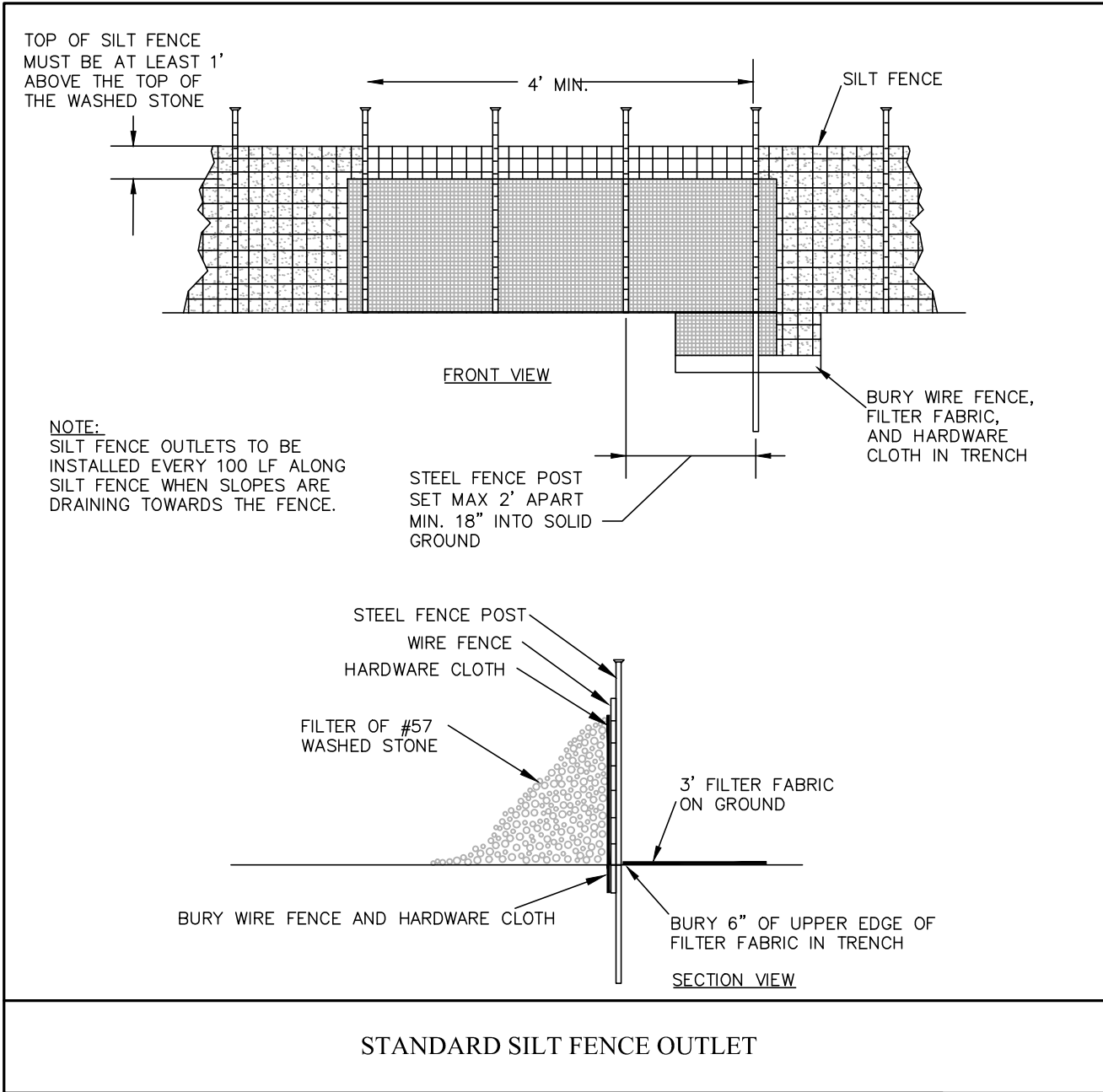


**CHECK DAM MAINTENANCE**

INSPECT CHECK DAMS AND CHANNELS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. CLEAN OUT SEDIMENT, STRAW, LIMBS, OR OTHER DEBRIS THAT COULD CLOG THE CHANNEL WHEN NEEDED.

ANTICIPATE SUBMERGENCE AND DEPOSITION ABOVE THE CHECK DAM AND EROSION FROM HIGH FLOWS AROUND THE EDGES OF THE DAM. CORRECT ALL DAMAGE IMMEDIATELY. IF SIGNIFICANT EROSION OCCURS BETWEEN DAMS, ADDITIONAL MEASURE CAN BE TAKEN SUCH AS, INSTALLING A PROTECTIVE RIPRAP LINER IN THAT PORTION OF THE CHANNEL.

REMOVE SEDIMENT ACCUMULATED BEHIND THE DAMS AS NEEDED TO PREVENT DAMAGE TO CHANNEL VEGETATION, ALLOW THE CHANNEL TO DRAIN THROUGH THE STONE CHECK DAM, AND PREVENT LARGE FLOWS FROM CARRYING SEDIMENT OVER THE DAM. ADD STONES TO DAMS AS NEEDED TO MAINTAIN DESIGN HEIGHT AND CROSS SECTION.



**SILT FENCE OUTLET MAINTENANCE**

REMOVE SEDIMENT WHEN HALF OF STONE OUTLET IS COVERED.

REPLACE STONE AS NEEDED TO ENSURE DEWATERING.

INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.

SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.

REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.

REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

SEE SHEET C0.00 FOR ALL PROJECT, SITE, GRADING, STORM DRAINAGE AND UTILITY NOTES

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT TOWN OF CHAPEL HILL AND OWASA DESIGN AND CONSTRUCTION STANDARDS

**CLIENT**

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RALEIGH, NC 27613  
PHONE: 919. 535. 8947

**PARK APARTMENTS - PHASE II**

**PHASE II FORM DISTRICT PERMIT**

**0 ELLIOTT ROAD**

**CHAPEL HILL, NORTH CAROLINA, 27517**



**REVISIONS**

NO.	DATE
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**PLAN INFORMATION**

PROJECT NO.	WDF22001
FILENAME	WDF22001-ECD1
CHECKED BY	DCB
DRAWN BY	SME
SCALE	N/A
DATE	04.14.2023

**SHEET**

**EROSION CONTROL DETAILS**

**C6.04**



**CONSTRUCTION MANAGEMENT NOTES:**

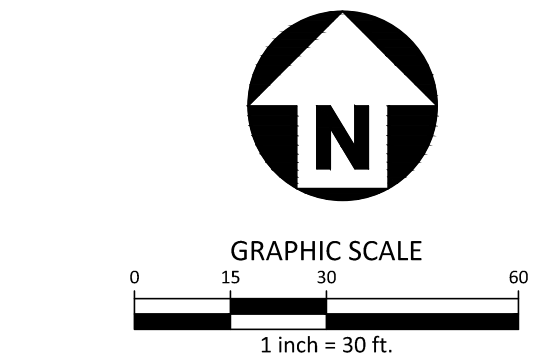
- ALL CONSTRUCTION RELATED VEHICULAR TRAFFIC SHALL ENTER/LEAVE THE SITE THROUGH THE TEMPORARY CONSTRUCTION ENTRANCES AS SHOWN ON THE PLAN.
- TEMPORARY CONSTRUCTION ENTRANCES MAY SHIFT INTO SITE IN COORDINATION WITH CONSTRUCTION SEQUENCE/TRAFFIC CONTROL FOR ELLIOTT ROAD AND BENNETT WAY.
- NO OPEN BURNING SHALL BE PERMITTED ON THIS SITE.
- THE APPLICANT SHALL POST A CONSTRUCTION SIGN ON THE DEVELOPMENT SITE THAT LISTS THE FOLLOWING:
  - PROPERTY OWNER'S REPRESENTATIVE & TELEPHONE NUMBER
  - CONTRACTOR'S REPRESENTATIVE & TELEPHONE NUMBER
  - TELEPHONE NUMBER FOR REGULATORY INFO AT TIME OF BUILDING PERMIT
  - SIGN MAY BE A MAXIMUM OF 32 SF AND A MAXIMUM HEIGHT OF 8 FT.
- NO CONSTRUCTION ACTIVITY WHICH WILL BE SUBJECT TO THE TOWN'S NOISE ORDINANCE (ARTICLE III SECTION 11-37-42) SHALL OCCUR BETWEEN NIGHTTIME HOURS AS DEFINED IN THE TOWN ORDINANCE. THIS MEANS, IN GENERAL, BETWEEN 9 PM AND 7 AM AS DEFINED BY SECTION 11-40 (B) OF THE NOISE ORDINANCE.
- LOCATION OF CONSTRUCTION OFFICE, PARKING, AND MATERIAL STORAGE AREA IS APPROXIMATE, AND MAY CHANGE DEPENDING ON ANY ON-SITE CONSTRUCTION SEQUENCE OF THE PROJECT AS IT IS BEING COMPLETED.
- ALL CONSTRUCTION AREAS THAT WILL BE LANDSCAPED IN THE FINAL CONDITION SHALL HAVE SOIL PREPARATION FOR RESTORATION OF VEGETATION WHICH SHALL INCLUDE:
  - REMOVE UNDERLYING BASE MATERIALS AS NEEDED.
  - RIP AND AERATE TO APPROPRIATE DEPTH (USUALLY 18 INCHES BELOW ORIGINAL GRADE).
  - SUBGRADE MAY BE REMOVED, LOOSENEED, AND REPLACED.
  - DO NOT RE-COMPACT THE BASE SOIL.
  - PLACE 4-6 INCHES OF TOPSOIL (TO FINISHED GRADE) AND INSTALL PLANTINGS AND/OR SEED DISTRIBUTED ACCORDING TO LANDSCAPE PLAN.
  - DO NOT COMPACT TOPSOIL.

**TRAFFIC MANAGEMENT NOTES:**

- TRAFFIC IS NOT INTENDED TO BE INTERRUPTED DURING THE PROPOSED CONSTRUCTION, HOWEVER, NCDOT STANDARD DRAWINGS FOR TEMPORARY LANE CLOSURES (1101.02) AND TEMPORARY ROAD CLOSURES (1101.03) SHALL BE USED IF TEMPORARY TRAFFIC IMPACTS ARE NECESSARY.
- PRIOR TO ANY TRAFFIC LANE AND/OR SIDEWALK CLOSURES, THE APPLICANT SHALL CONTACT THE TOWN'S TRAFFIC ENGINEERING OFFICE (919. 969. 5096 OR 919. 969. 5100) AT LEAST 5 WORKING DAYS BEFORE THE PROPOSED WORK TO APPLY FOR A LANE CLOSURE PERMIT.

**SIDEWALK CLOSED**  
CROSS HERE

SIDEWALK CLOSED ON TYPE 2 BARRICADE (SIGN R9-9 30"x18")

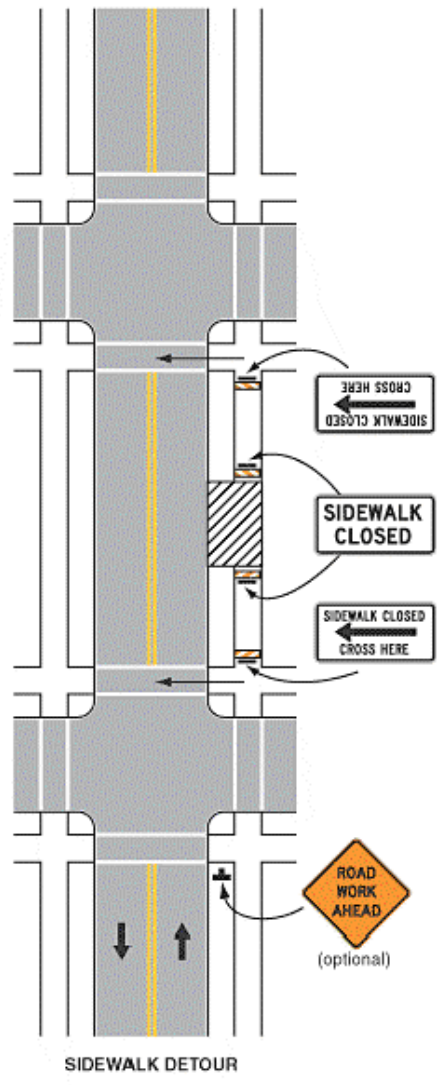


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PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

Figure 6H-28. Sidewalk Detour or Diversion (TA-28)



Typical Application 28

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

FIGURE 6H-28  
SIDEWALK DETOUR OR DIVERSION (TA-28)

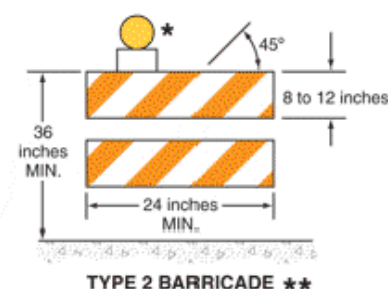


FIGURE 6F-7  
CHANNELIZING DEVICES - SIDEWALK BARRICADE

\*WARNING LIGHTS (OPTIONAL)  
\*\*RAIL STRIPE WIDTHS SHALL BE 6 INCHES, EXCEPT THAT 4-INCH WIDE STRIPS MAY BE USED IF RAIL LENGTHS ARE LESS THAN 36 INCHES. THE SIDES OF BARRICADES FACING TRAFFIC SHALL HAVE RETROREFLECTIVE RAIL FACES.

**SIGNAGE NOTES**

- ALL SIGNAGE SHALL BE COORDINATED WITH TOWN OF CHAPEL HILL.
- ALL SIGNAGE SHALL MEET MUTCD STANDARDS AND SPECIFICATIONS AND NCDOT PEDESTRIAN SAFETY SPECIFICATIONS.
- ALL PEDESTRIAN SIGNAGE SHALL BE MOUNTED ON TYPE 2 BARRICADES COMPLIANT WITH 2009 MUTCD SECTION 6F.63.

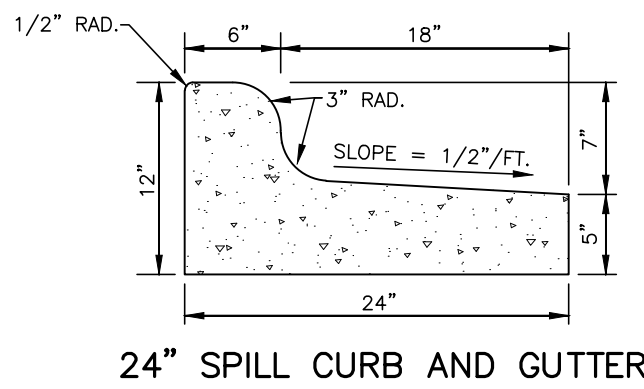
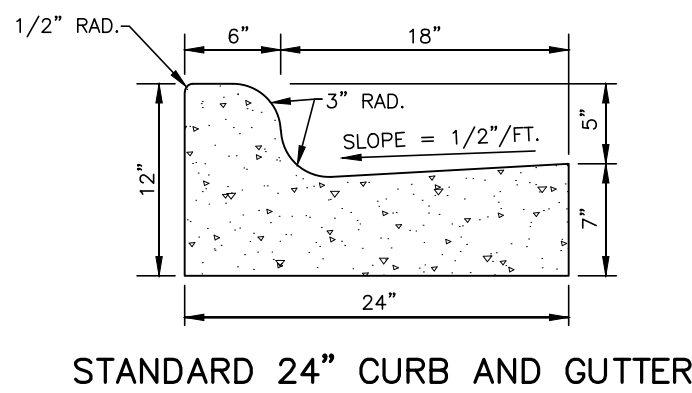
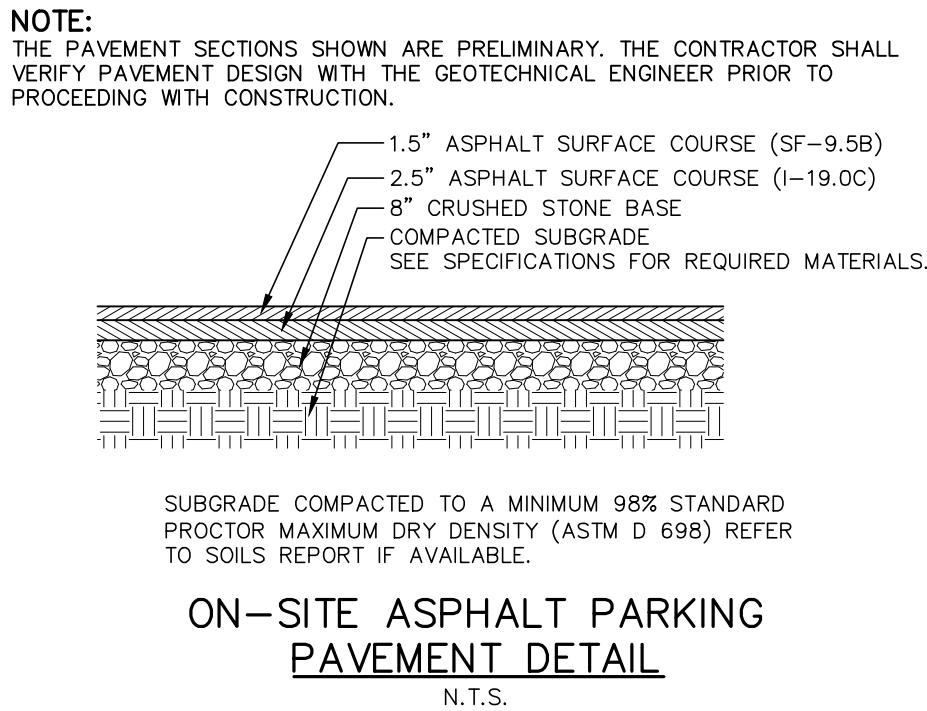
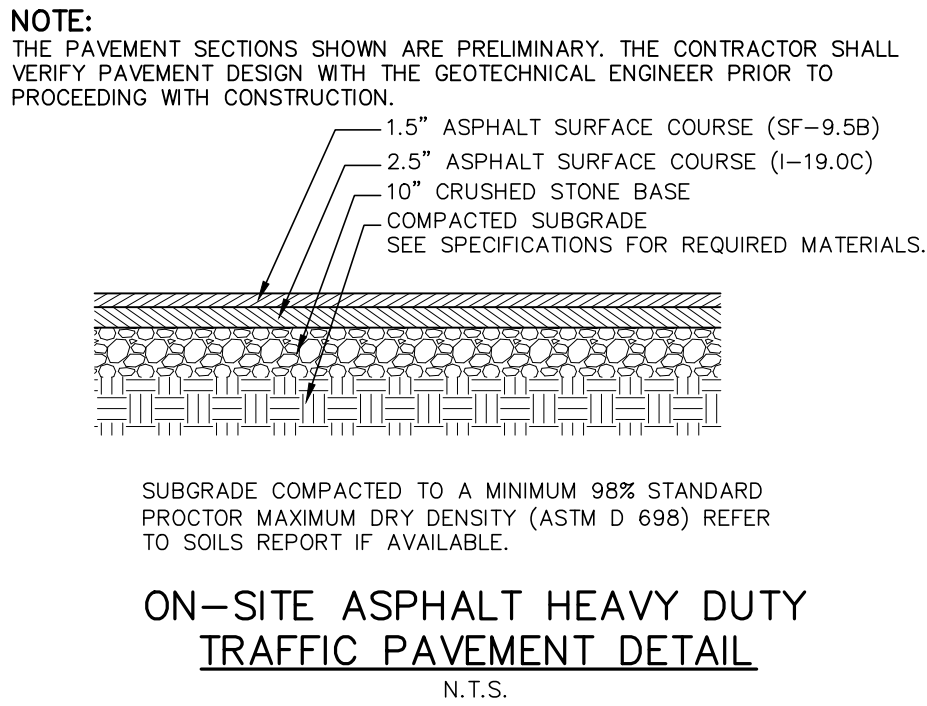
**PEDESTRIAN MANAGEMENT NOTES**

- ROUTE SHALL BE ACCESSIBLE AT ALL TIMES PER ADA.
- KEEP PEDESTRIAN ROUTE CLEAR OF CONSTRUCTION ACTIVITIES.
- UNIQUE PEDESTRIANS NEEDS SHALL BE COORDINATED WITH THE SITE CONTRACTOR.

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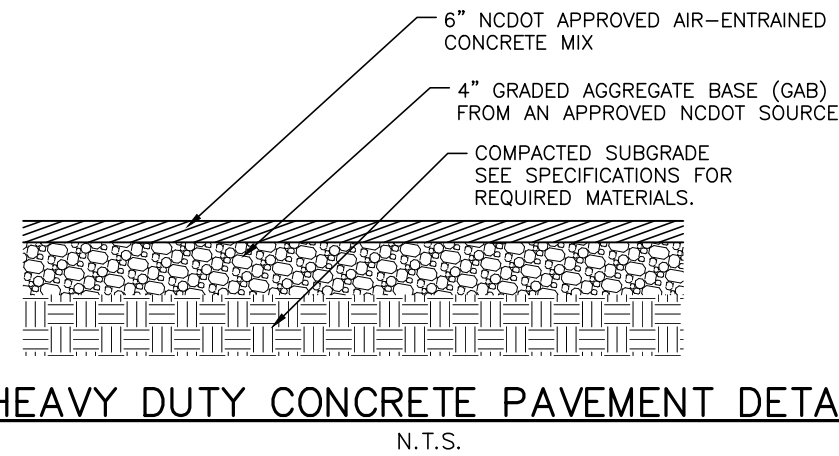
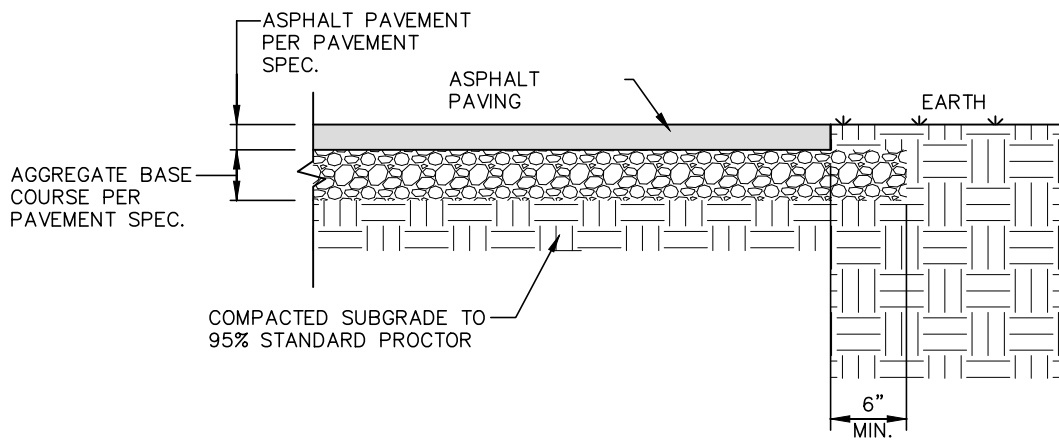
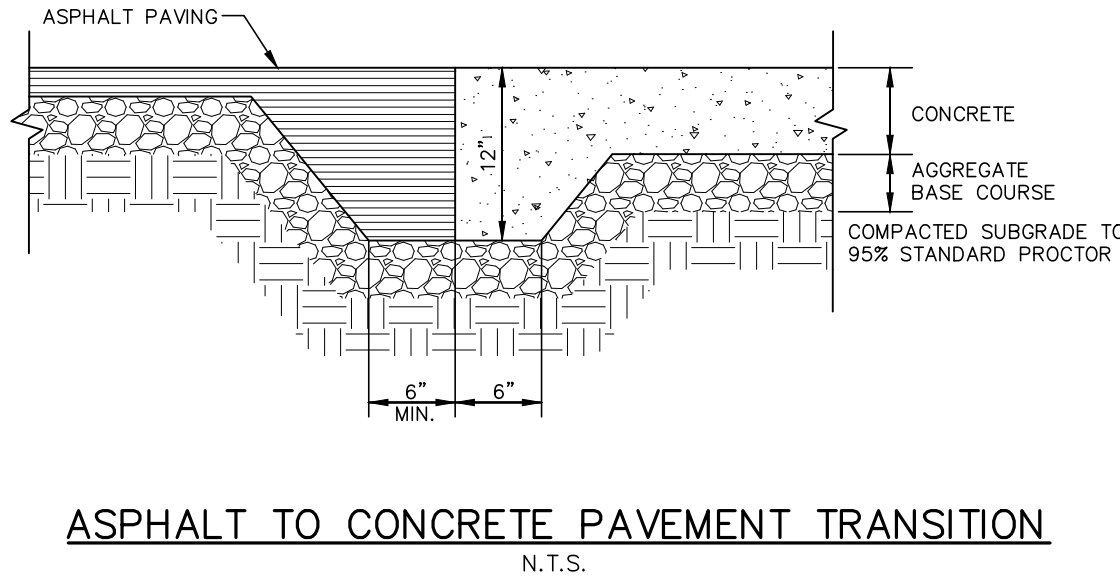


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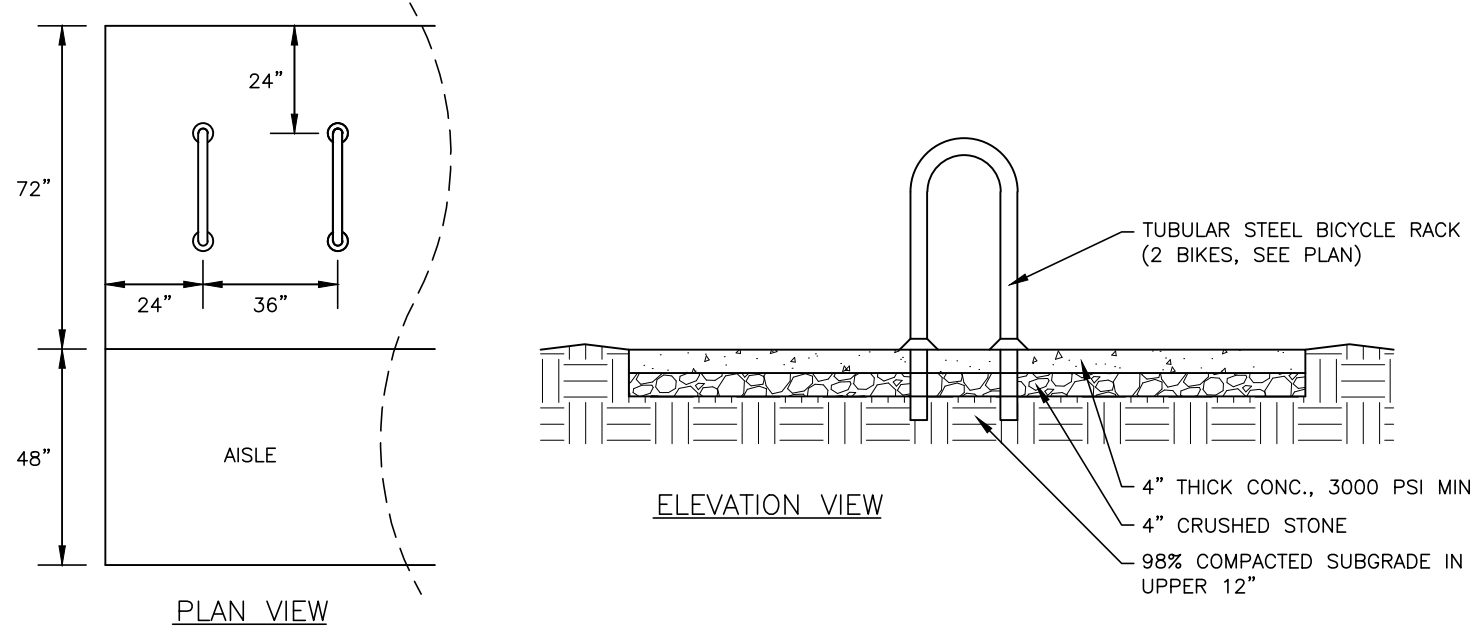


- NOTES:**
1. 10' MAXIMUM BETWEEN DUMMY JOINTS. 15' MAXIMUM BETWEEN DUMMY JOINTS ON MACHINE POURS.
  2. 1/2" EXPANSION JOINT EVERY 50'.
  3. 3000 PSI CONCRETE MINIMUM, 4" SLUMP MAXIMUM.
  4. LIQUID MEMBRANE CURING COMPOUND SHALL MEET THE REQUIREMENTS OF SECTION 1026-2 OF NCDOT STANDARDS AND SPECIFICATIONS FOR ROADS AND STRUCTURES.
  5. ALL CONSTRUCTION JOINTS SHALL BE FILLED WITH FILLER AND SEALER IN ACCORDANCE WITH NCDOT ROADWAY STANDARD DETAIL 846.01. THE JOINT MATERIAL SHALL CONFORM TO SECTION 1028-2 OF THE NCDOT STANDARDS AND SPECIFICATIONS FOR ROADS AND STRUCTURES.
  6. REFER TO NCDOT DETAIL 846.01 FOR CURB AND GUTTER SUPERELEVATION RATES.

**24" CURB AND GUTTER**  
N.T.S.



**NOTE:**  
THE PAVEMENT SECTIONS SHOWN ARE PRELIMINARY. THE CONTRACTOR SHALL VERIFY PAVEMENT DESIGN WITH THE GEOTECHNICAL ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.



**PRODUCT ASSEMBLY INSTRUCTIONS • Item #: Depot-006-B/Depot-022-B SQUARE CAN DOG WASTE STATIONS**

**Depot-006-B/Depot-022-B DOG WASTE STATION PARTS LIST:**

- Can (1)
- Post (1)
- Dispenser (1)
- Sign (1)
- Spacer (1)
- Hardware Pack (1)
- Dispenser Keys (2) \*NCDOT Required
- 400 Bags
- 50 Can Liners

**NUTS & BOLTS LIST:**

- A 1/2" Bolt (8)
- B 1/2" Bolt (2)
- C Flat Washer (8)
- D Split-Lock Washer (8)
- E Hex Nuts (8)

**Item #: Depot-006-B/Depot-022-B DOG WASTE STATION ASSEMBLY INSTRUCTIONS**

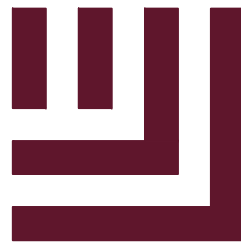
- ASSEMBLE POST:** Overlap post one 4" onto post two. Thread 2 bolts (B) with 2 flat washers (C) to connect. Tighten with nuts and lock washers (D, E).
- MARK ASSEMBLED POST:** 14" from tapered end; bury the post in concrete level to 14" mark.
- ATTACH CAN:** Install 5" above ground; thread the 2 bolts (A) with 2 flat washers (C) through the can from the inside. Line up the bolts with holes in the post and tighten with nuts and lock washers (D, E).  
(Note: place "Spacer" between the can and the post to level can. (the gap created by post overlap).)
- ATTACH DISPENSER:** Line up dispenser 12" ABOVE the top of the can. Thread bolts from the inside of the dispenser. Be sure to put FLAT WASHERS on each bolt before threading bolts through the dispenser. Secure to post with nuts and washers.
- ATTACH SIGN:** to top of post with 2 bolts, nuts and washers (use 2A, C, D, E).
- FILL DISPENSER:** with bags -- Install Can Liners.

PLEASE BE SURE TO TIGHTEN ALL NUTS AND BOLTS SECURELY

Depot-006-B/Depot-022-B

- NOTES:**
1. IMAGES FOR REFERENCE ONLY AND TO CONVEY DESIGN INTENT. FINAL PRODUCT SELECTION BY OWNER.

**PET WASTE STATION**  
N.T.S.



**McAdams**

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**PARK APARTMENTS - PHASE II**

PHASE II FORM DISTRICT PERMIT

0 ELLIOTT ROAD

CHAPEL HILL, NORTH CAROLINA, 27517



**REVISIONS**

NO. DATE

**PLAN INFORMATION**

PROJECT NO. WDF22001  
FILENAME WDF22001-01  
CHECKED BY DCB  
DRAWN BY SME  
SCALE N/A  
DATE 04. 14. 2023

**SHEET**

**SITE DETAILS**

**C8.00**

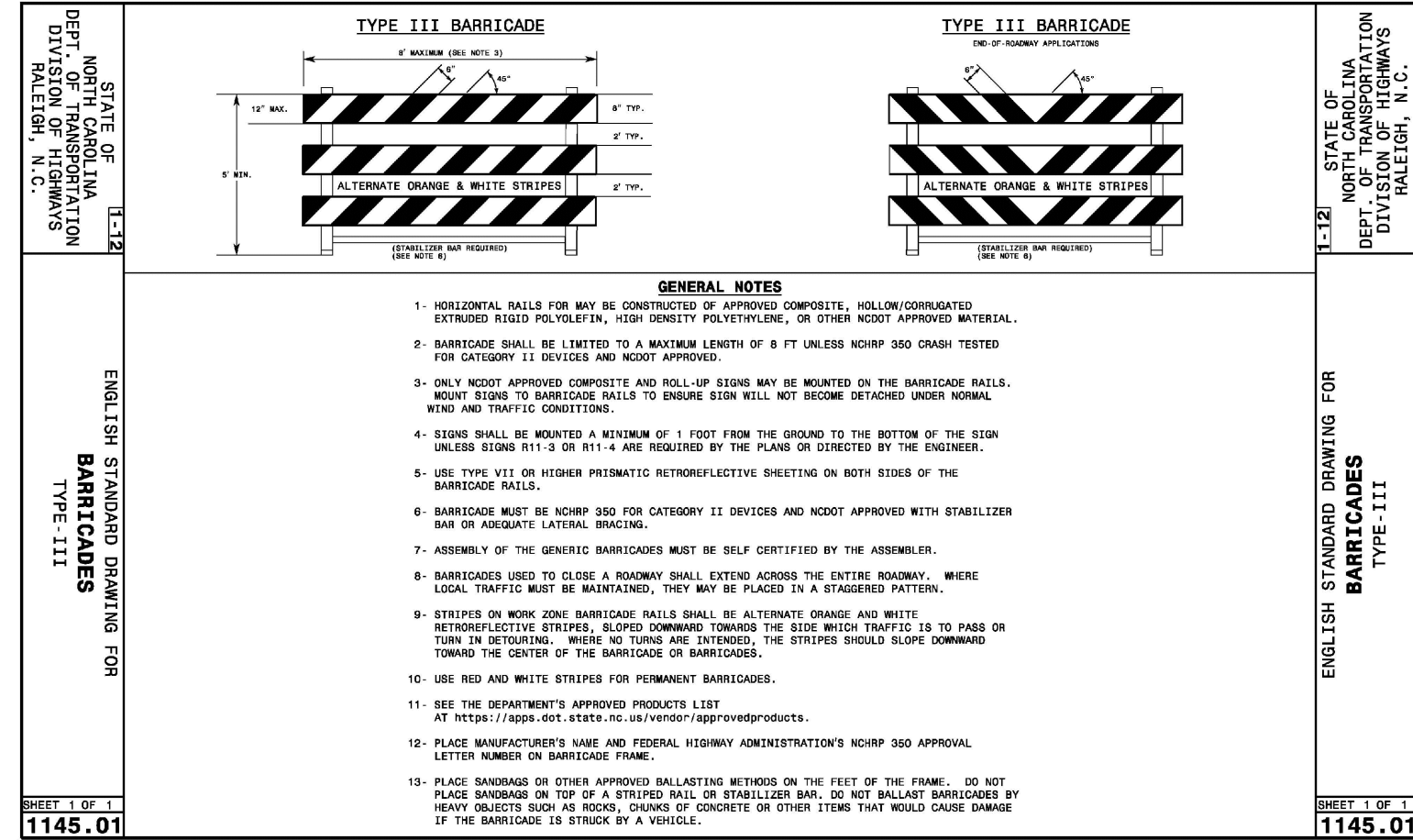
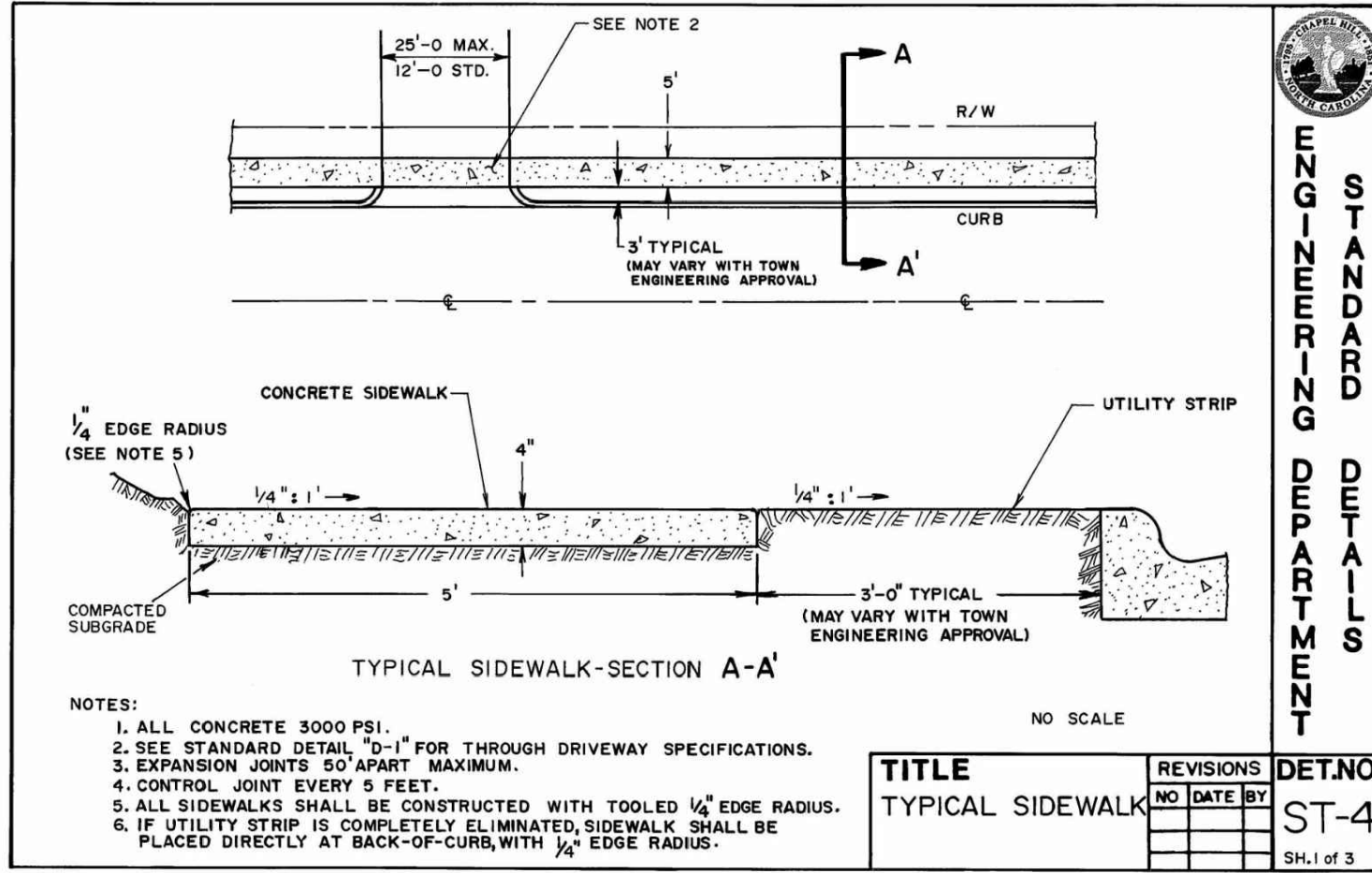
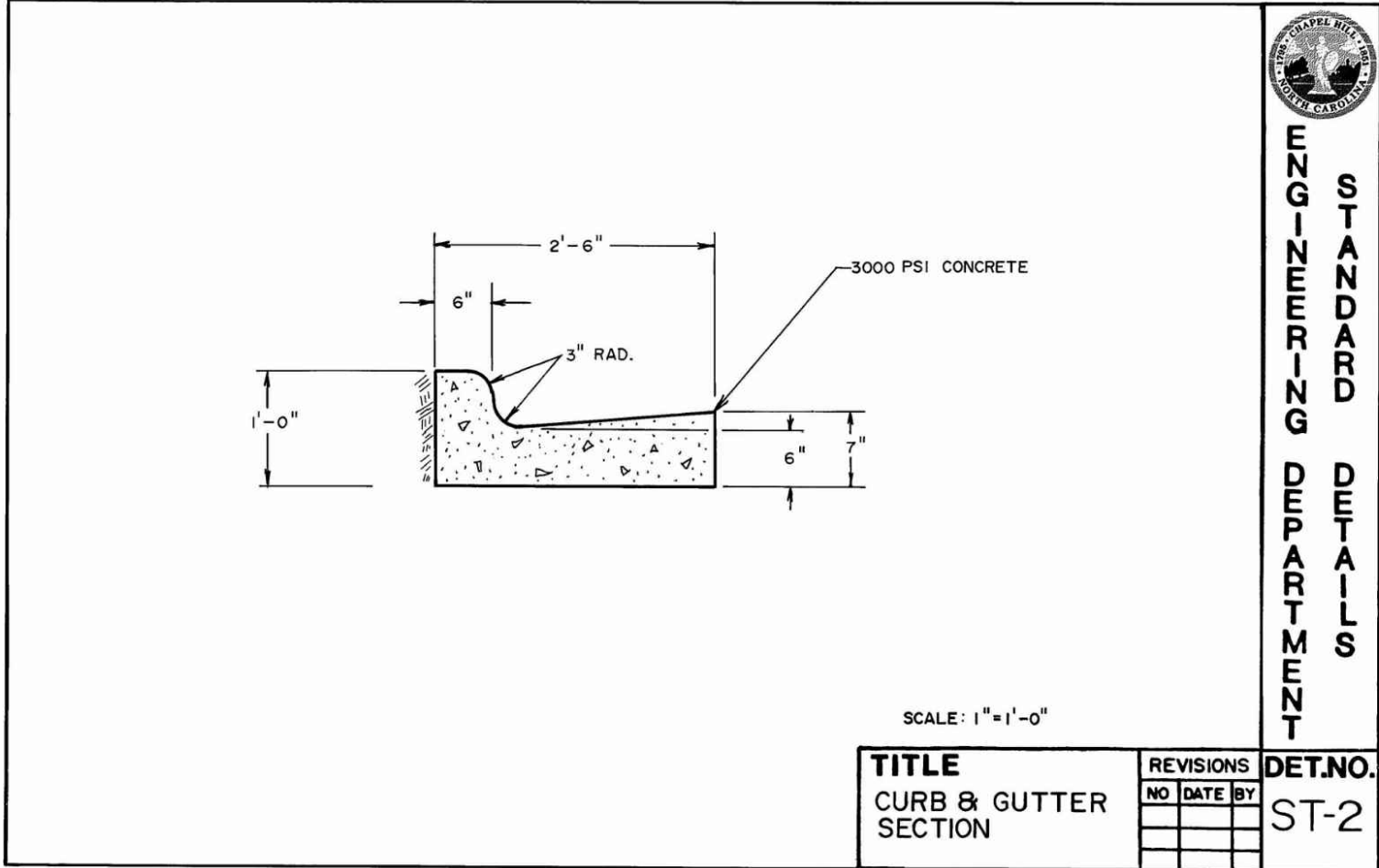
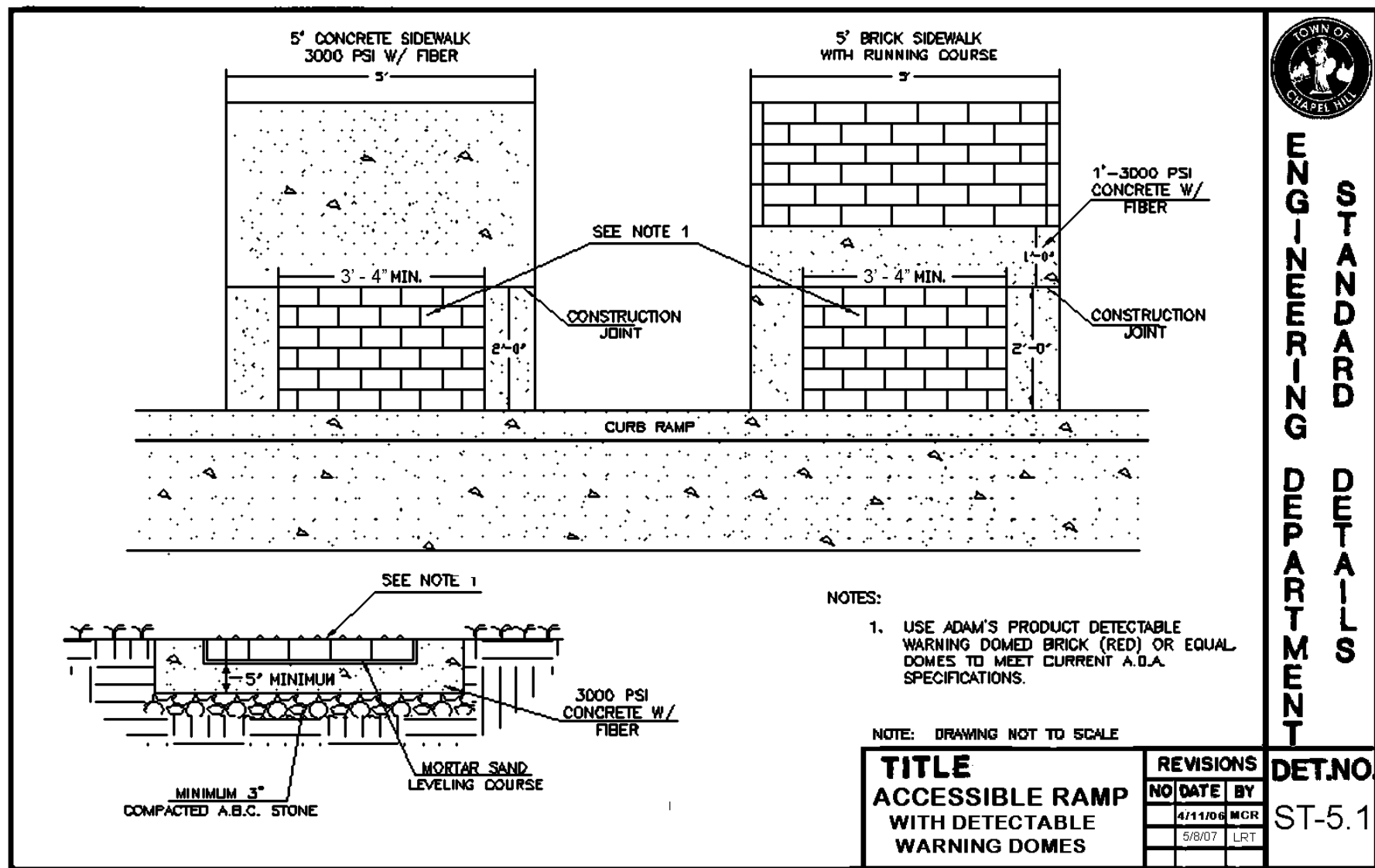
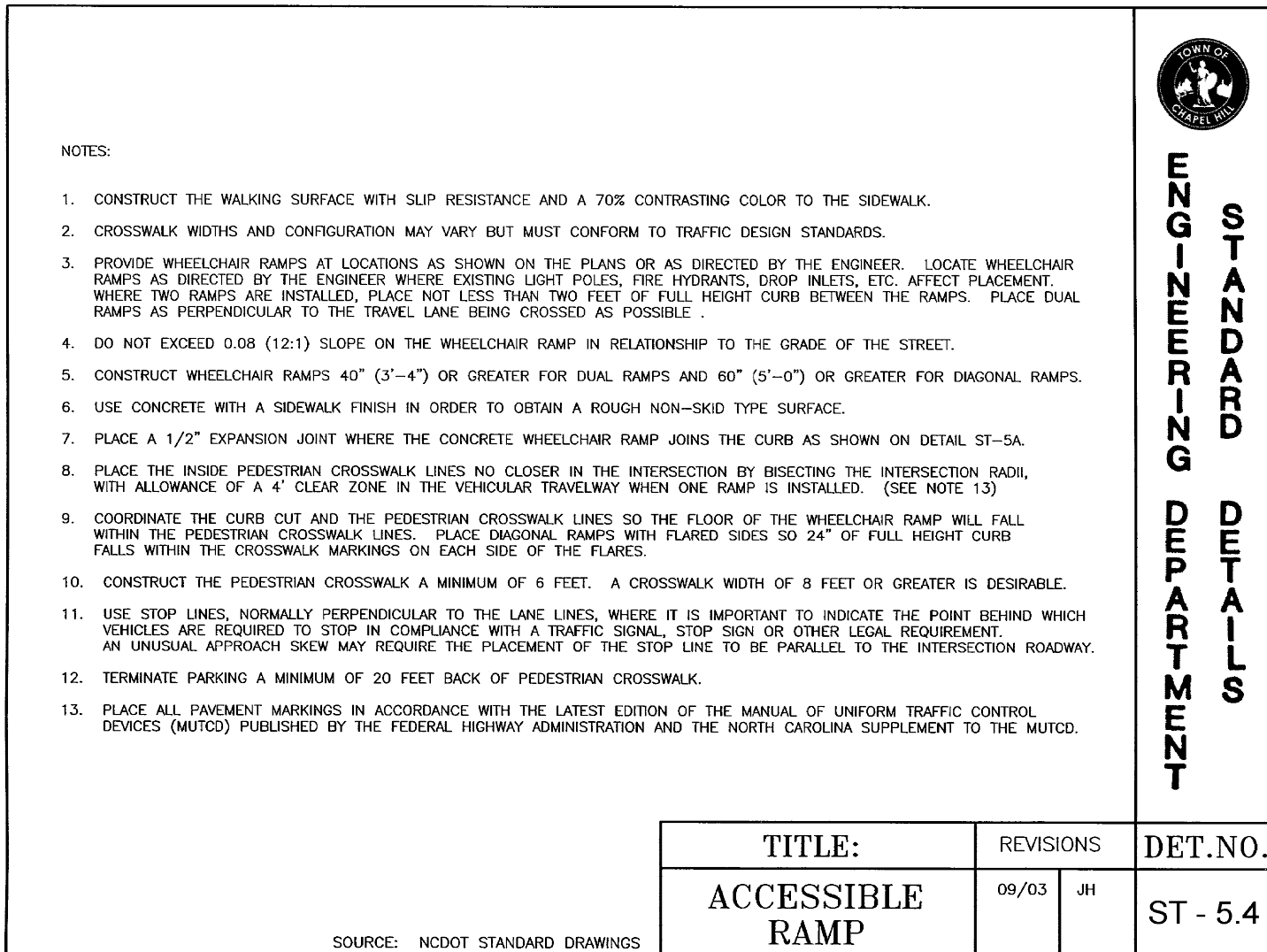
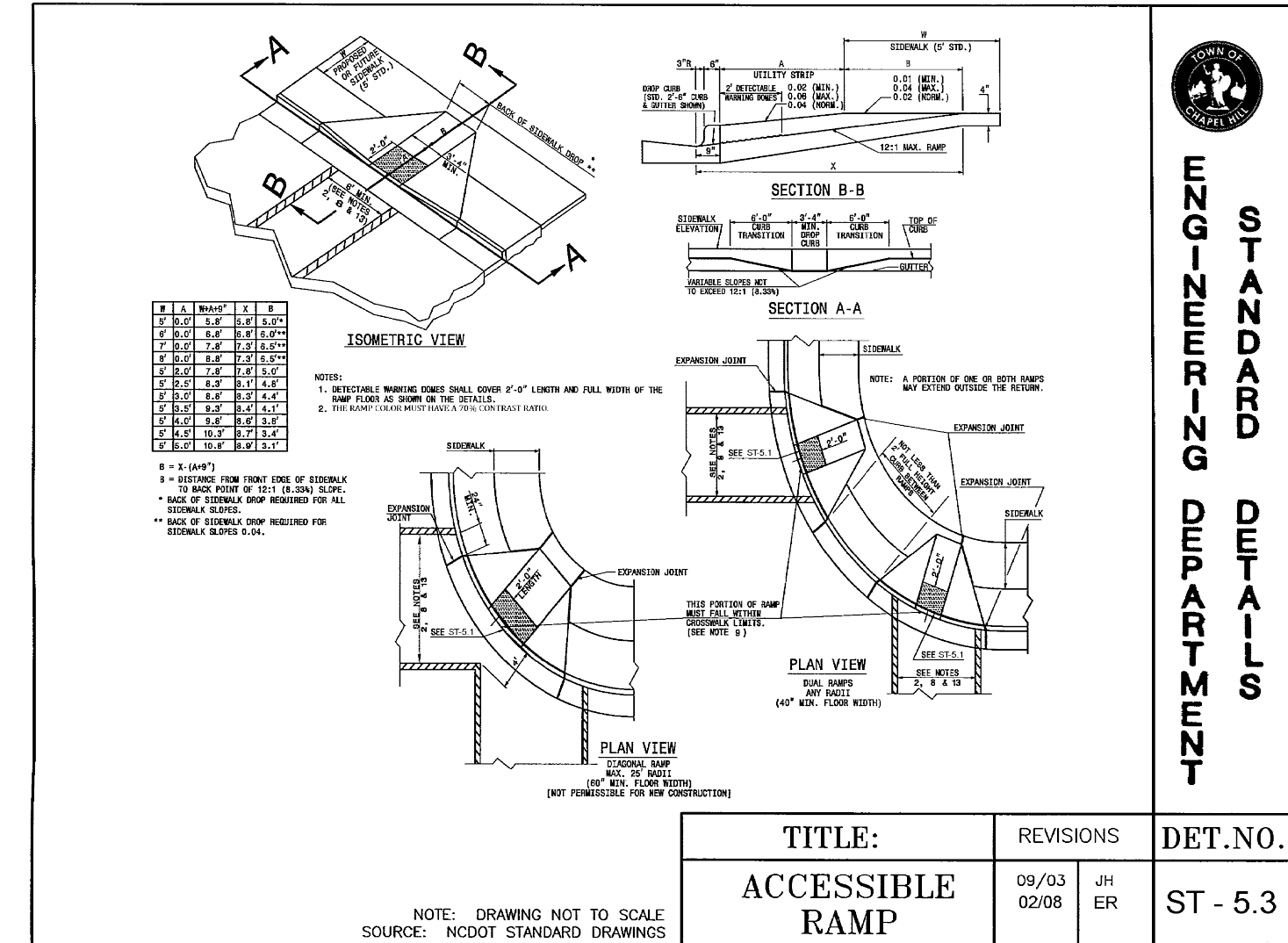
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PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION



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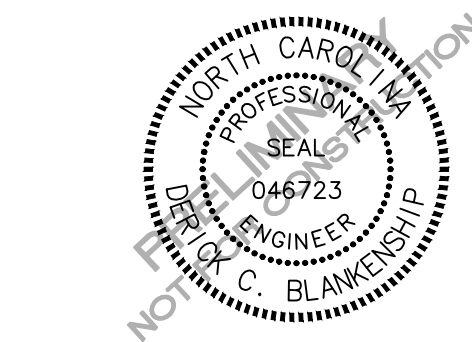


## PARK APARTMENTS - PHASE II

### PHASE II FORM DISTRICT PERMIT

O ELLIOTT ROAD

CHAPEL HILL, NORTH CAROLINA, 27517



#### REVISIONS

NO. DATE

#### PLAN INFORMATION

PROJECT NO. WDF22001  
FILENAME WDF22001-01  
CHECKED BY DCB  
DRAWN BY SME  
SCALE N/A  
DATE 04. 14. 2023

#### SHEET

#### SITE DETAILS

# C8.01

SEE SHEET C0.00 FOR ALL PROJECT, SITE, GRADING, STORM DRAINAGE AND UTILITY NOTES

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PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

**McAdams**

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**CLIENT**

**PARK APARTMENTS - PHASE II**  
**PHASE II FORM DISTRICT PERMIT**  
**0 ELLIOTT ROAD**  
 CHAPEL HILL, NORTH CAROLINA, 27517

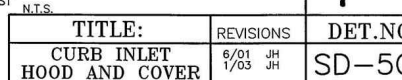
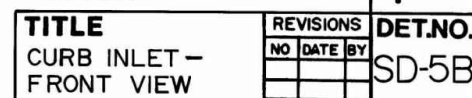
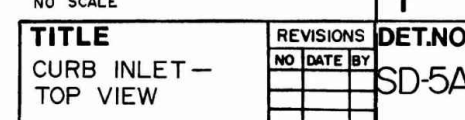
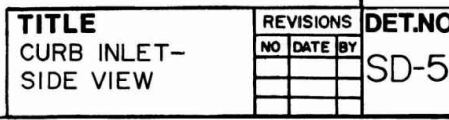
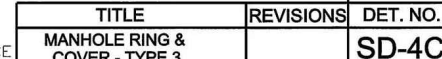
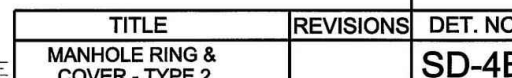
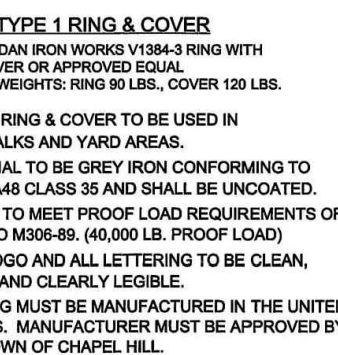
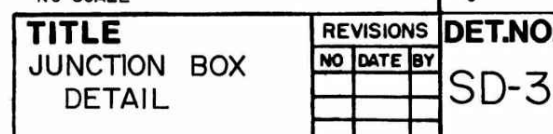


NO.	DATE
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PROJECT NO.	WDF22001
FILENAME	WDF22001-D
CHECKED BY	DCB
DRAWN BY	SME
SCALE	N/A
DATE	04. 14. 2023

## STORM DRAINAGE DETAILS

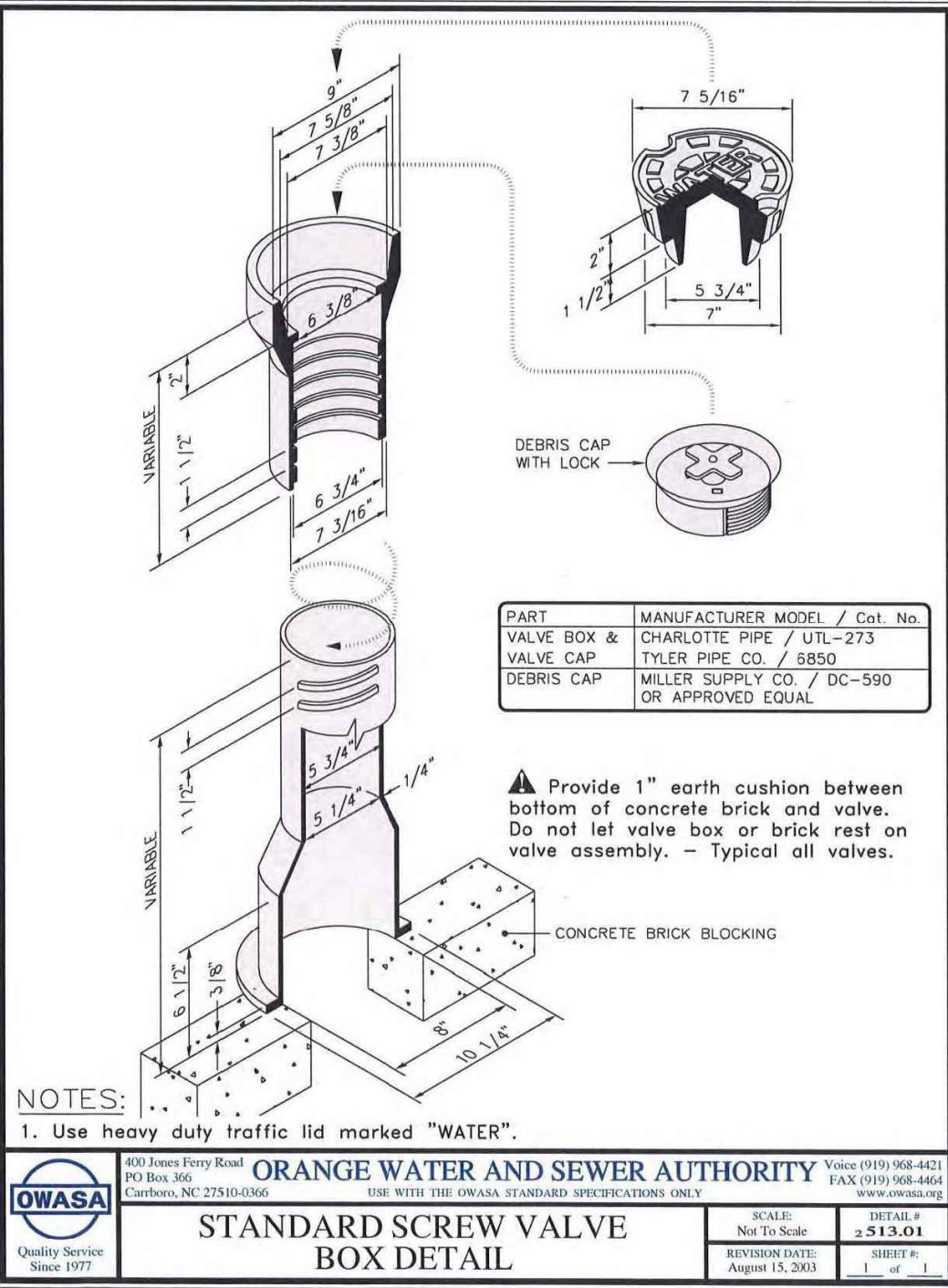
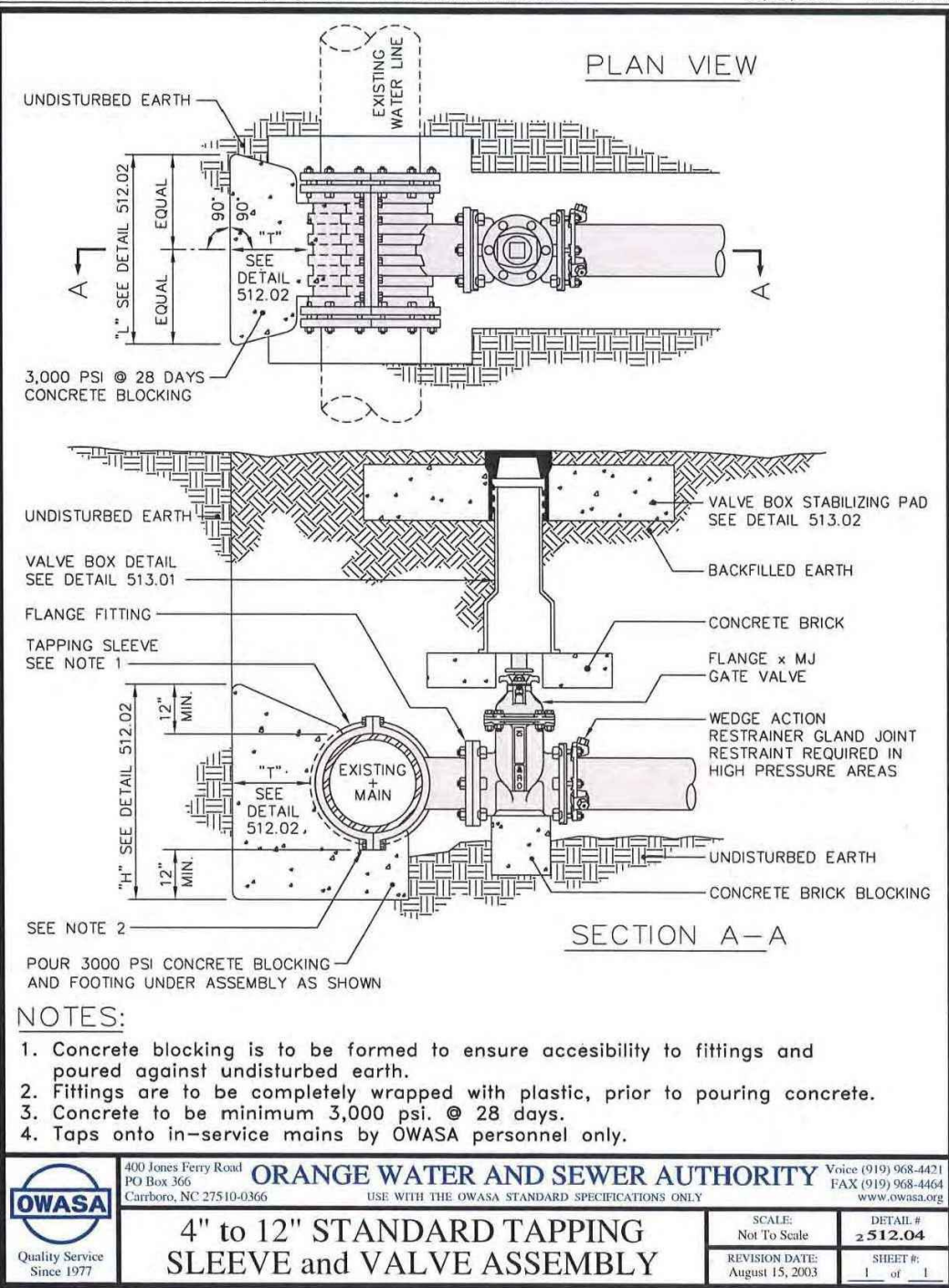
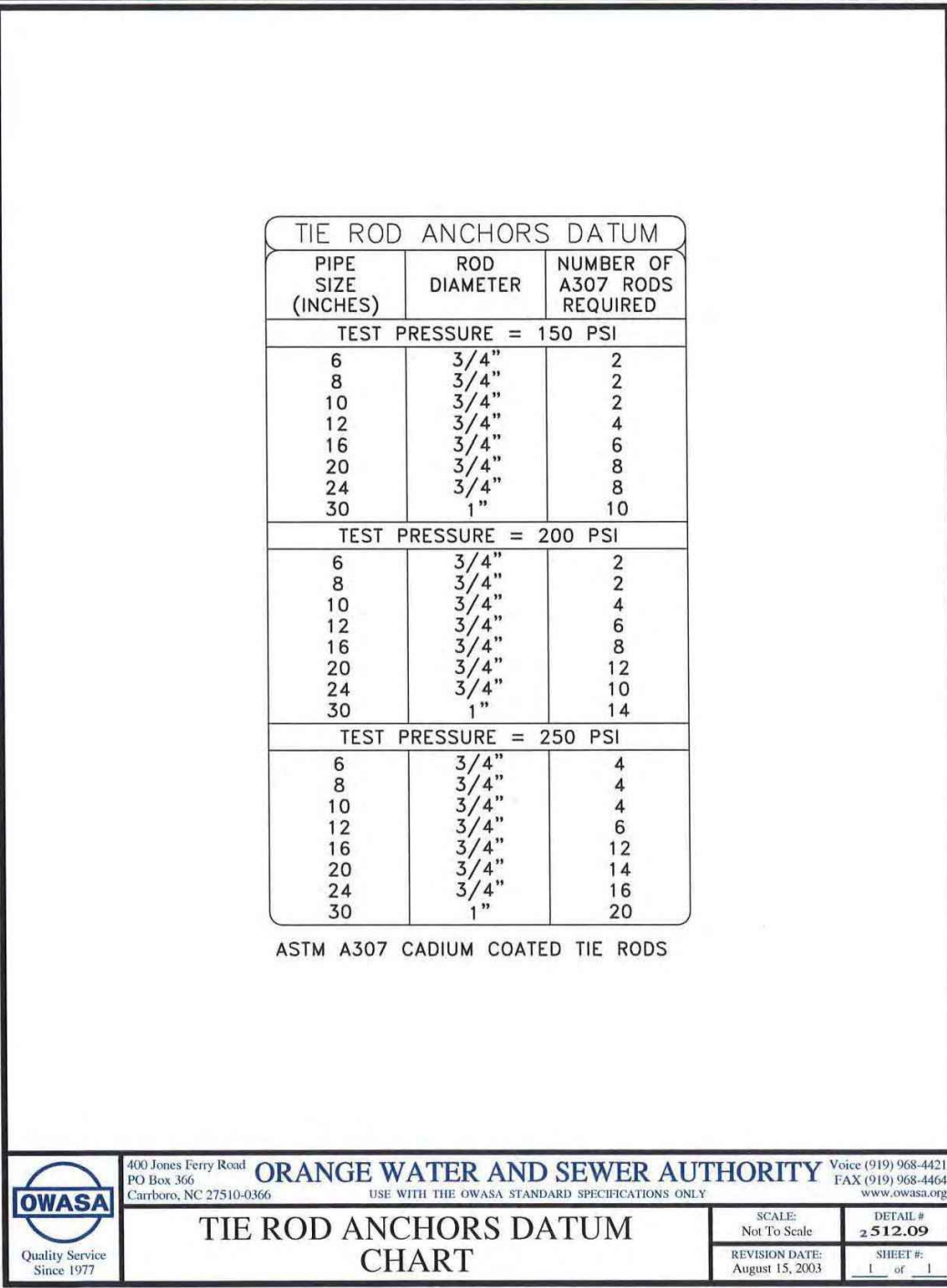
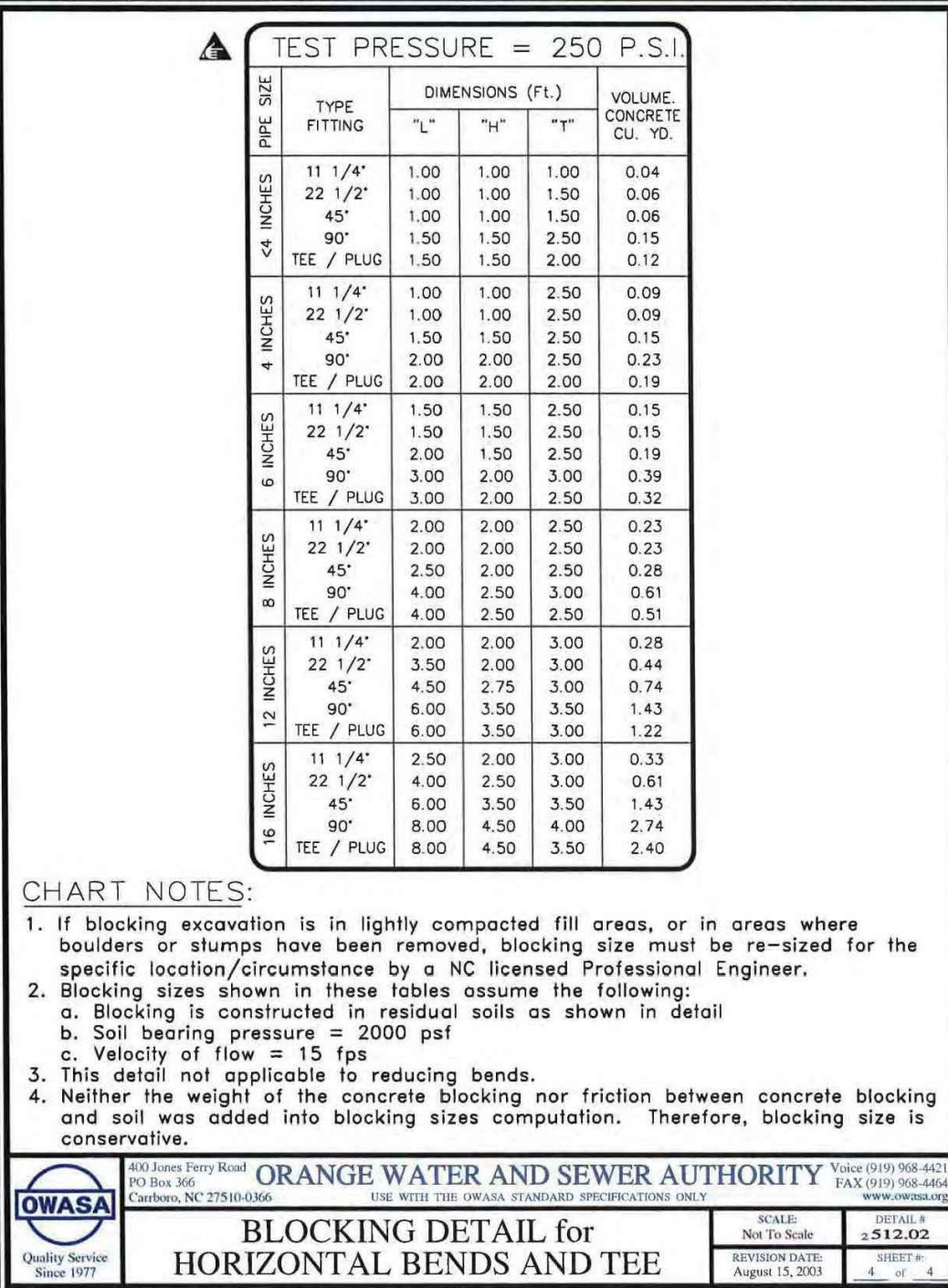
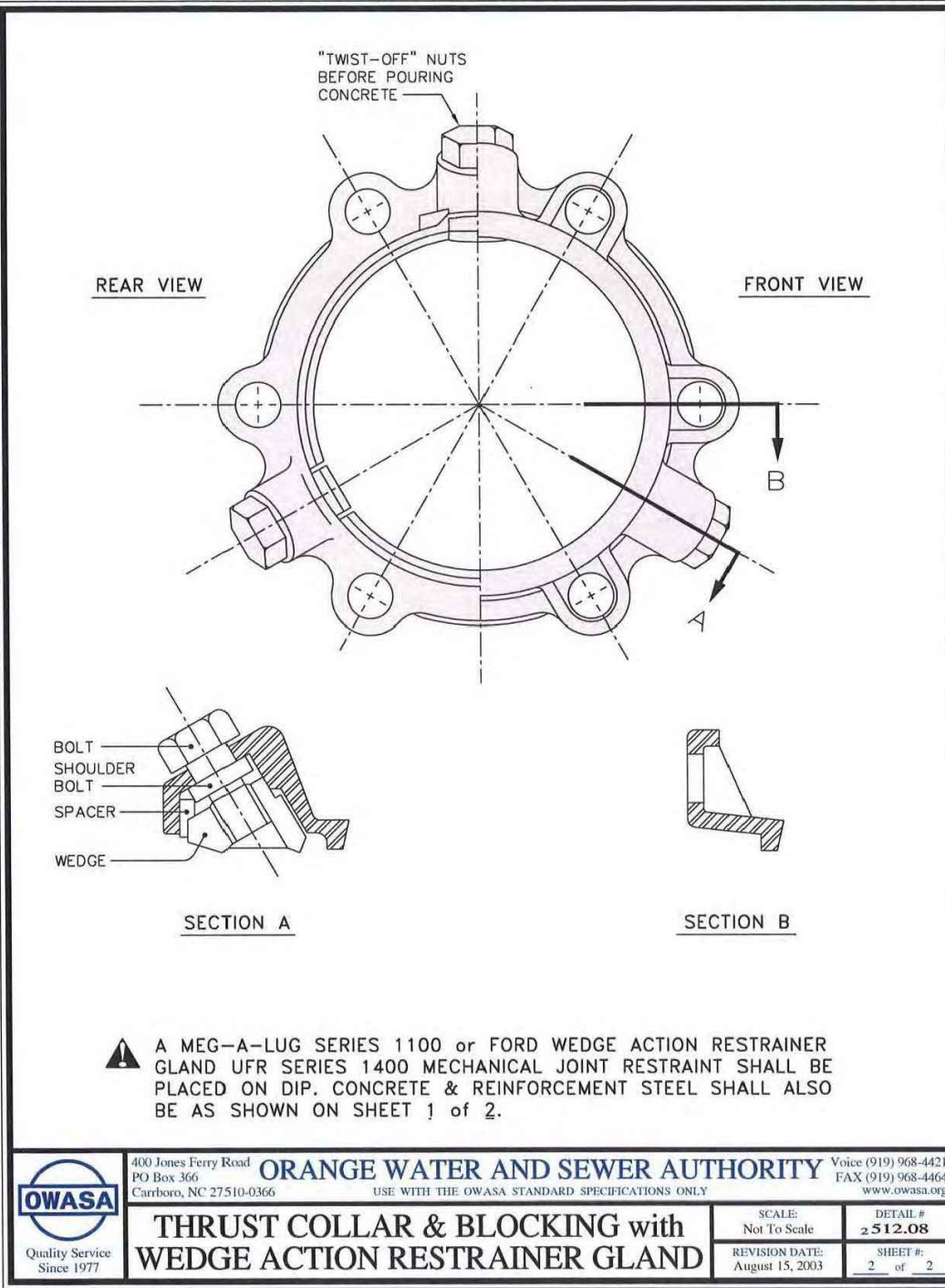
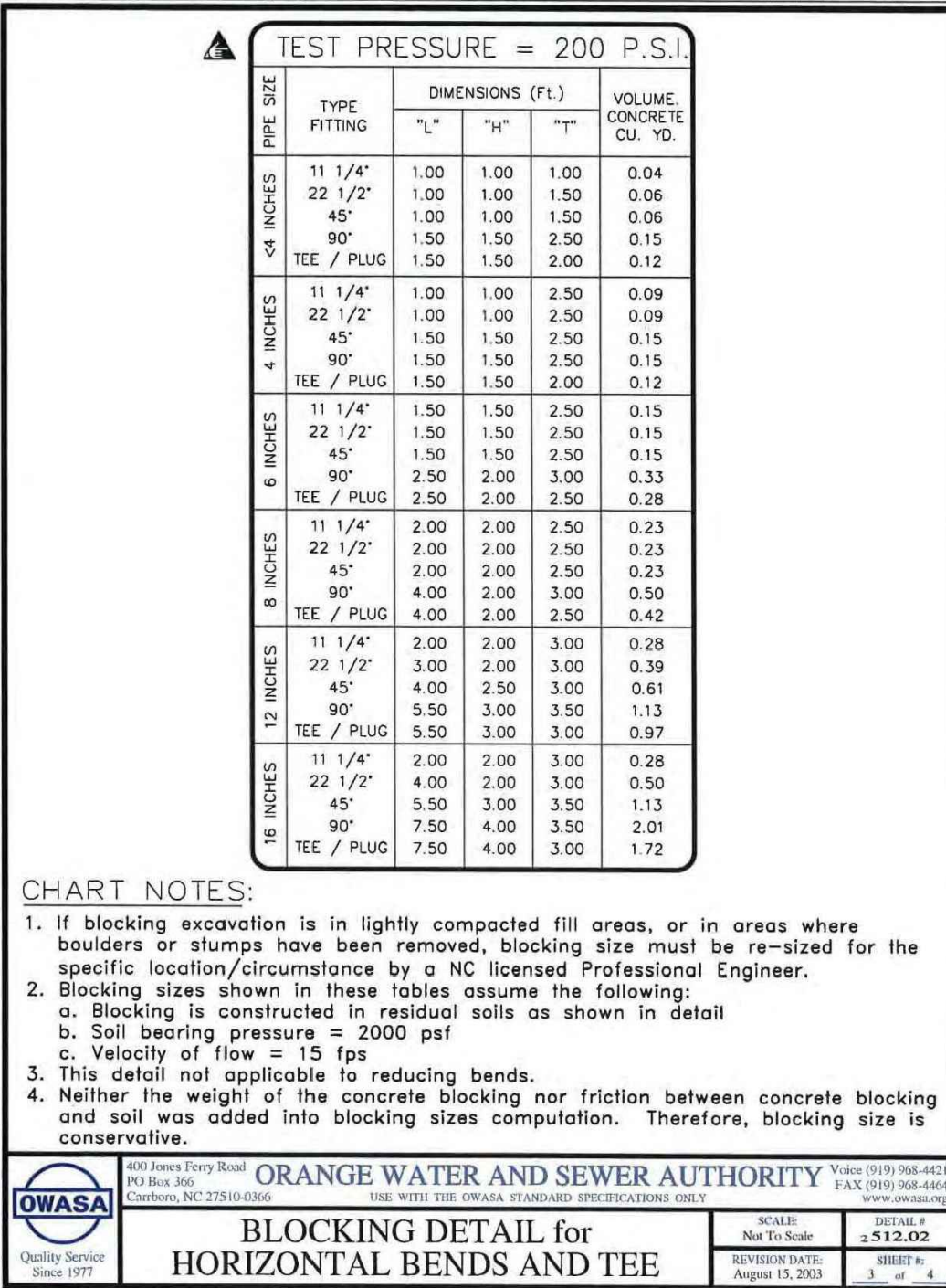
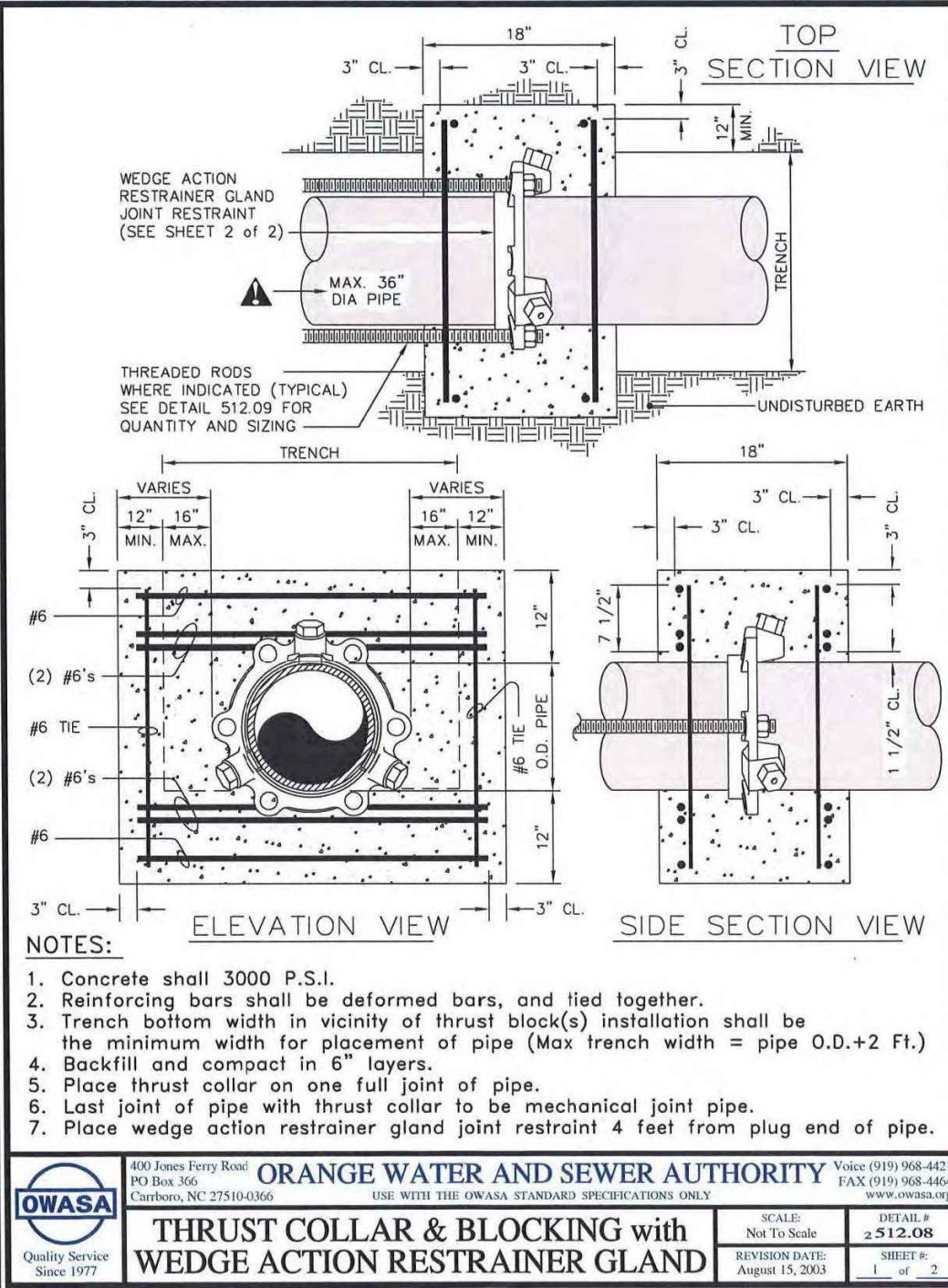
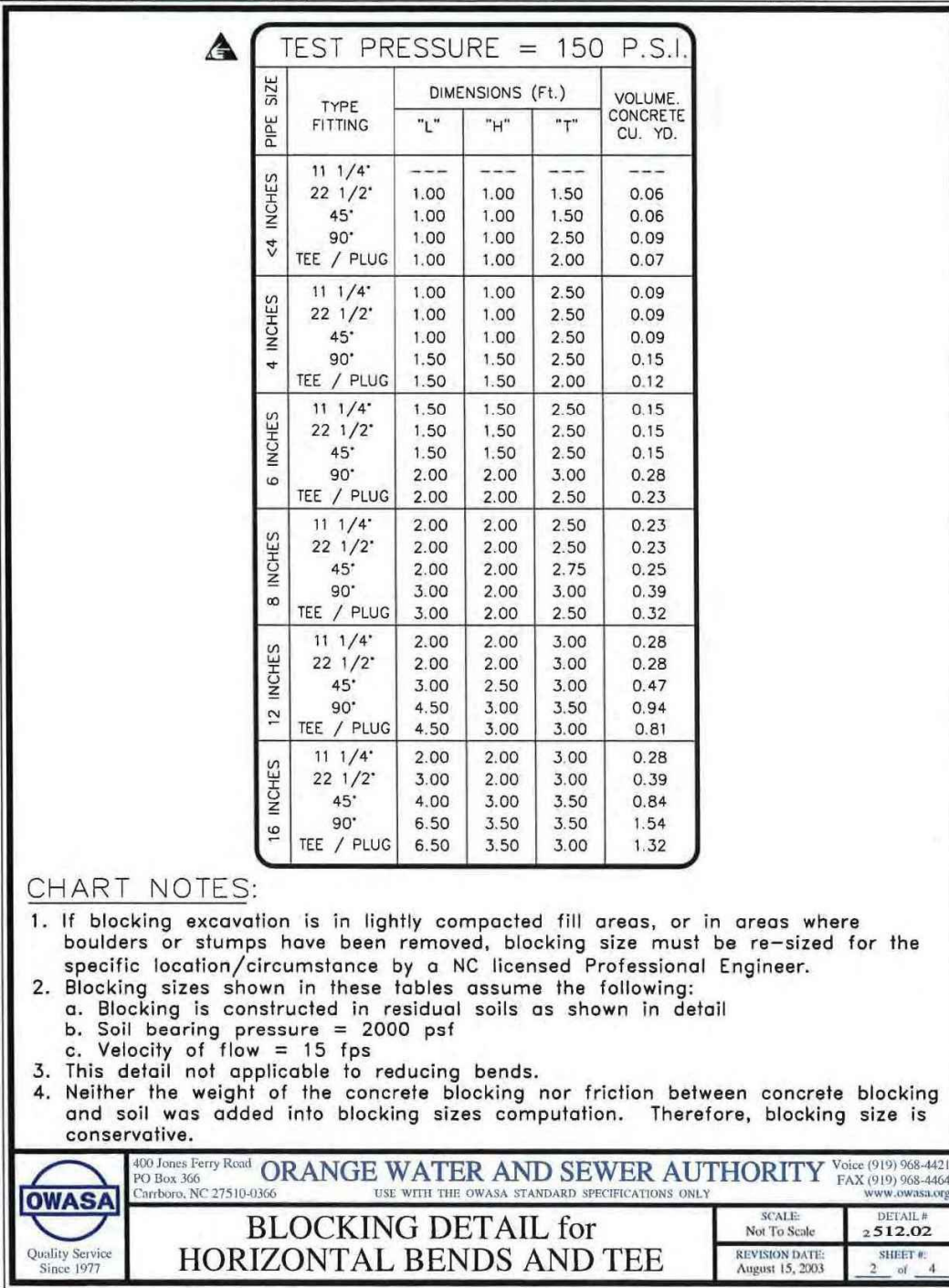
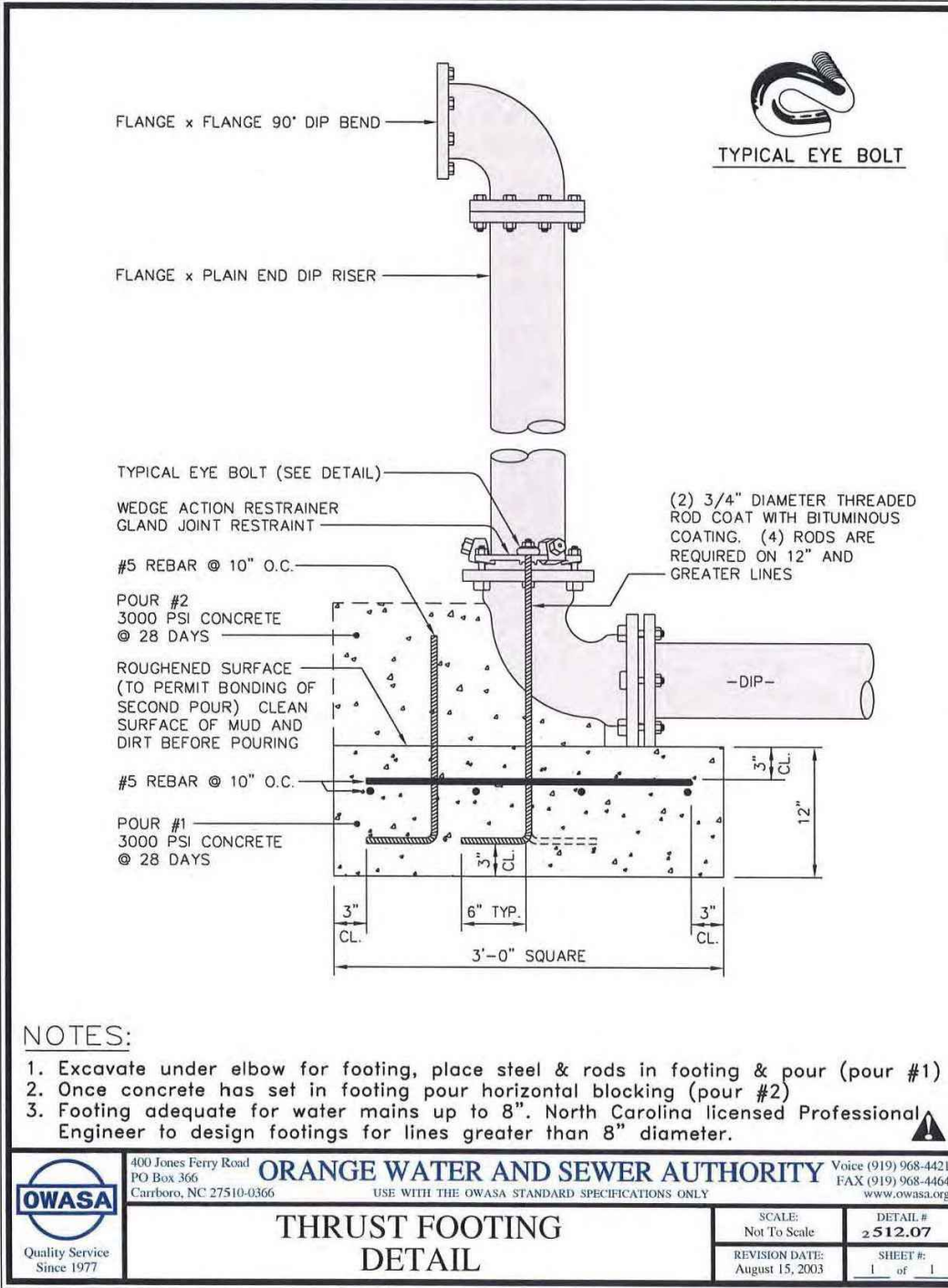
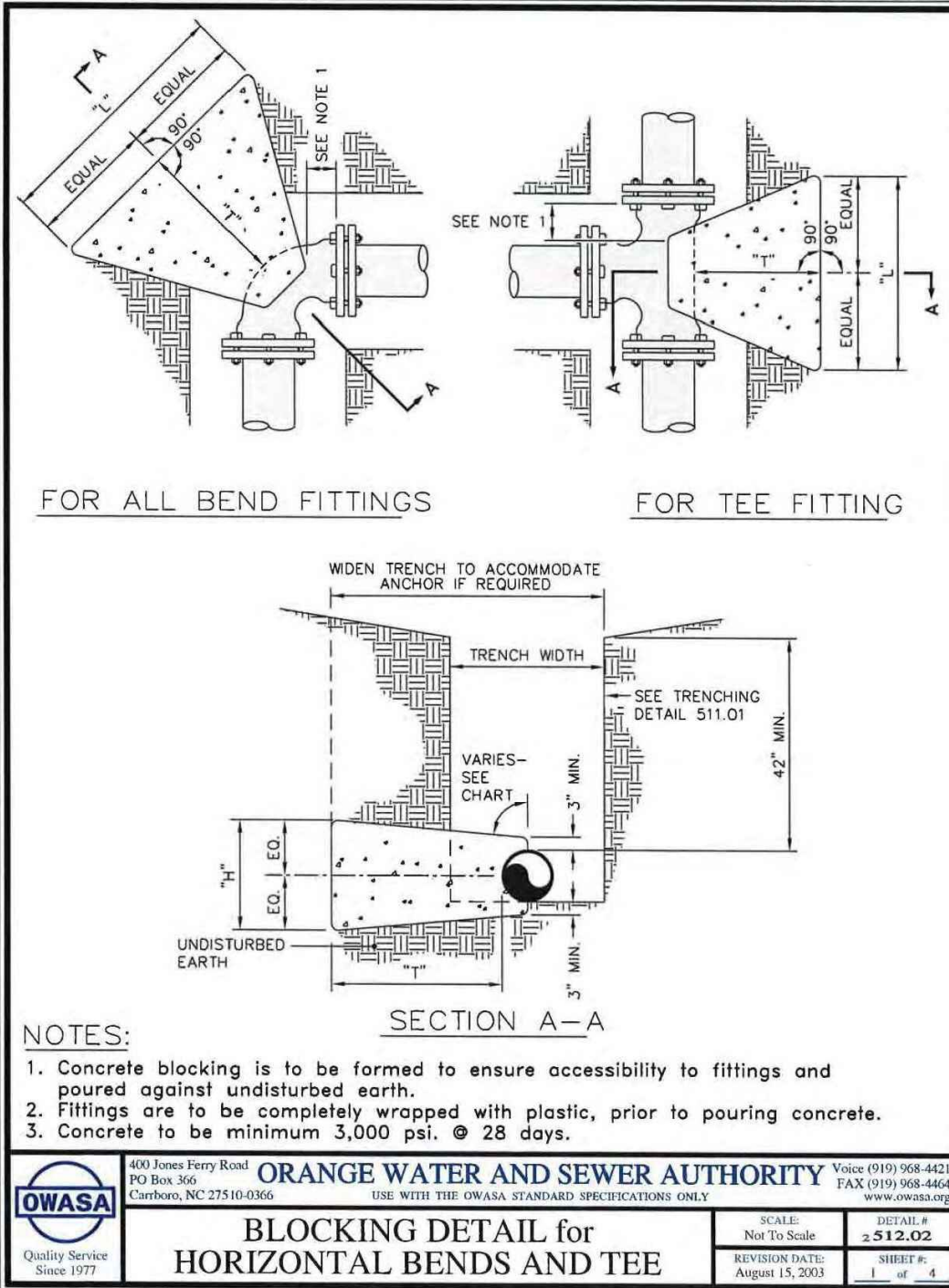
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ALL CONSTRUCTION SHALL BE IN  
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CONSTRUCTION STANDARDS

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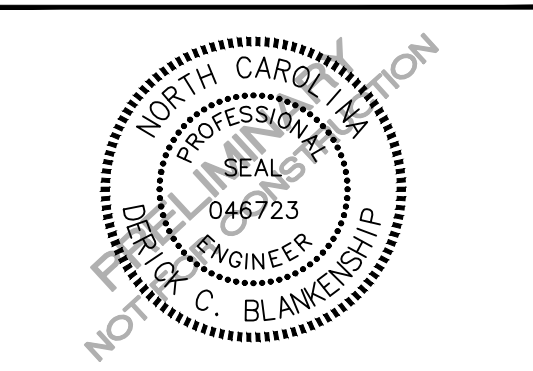
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**PARK APARTMENTS - PHASE II**  
PHASE II FORM DISTRICT PERMIT  
O ELLIOTT ROAD  
CHAPEL HILL, NORTH CAROLINA, 27517



**REVISIONS**

NO.	DATE
-----	------

**PLAN INFORMATION**

PROJECT NO.	WDF22001
FILENAME	WDF22001-01
CHECKED BY	DCB
DRAWN BY	SME
SCALE	N/A
DATE	04. 14. 2023

**SHEET**

**OWASA DETAILS**

**C8.03**

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