

CONSTRUCTION SEQUENCE - STAGE 2

1. CONSTRUCT STORM DRAIN SYSTEM AS SHOWN.
2. INSTALL INLET PROTECTION ON ALL INLET STRUCTURES DURING CONSTRUCTION.
3. 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.
4. 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.
5. WHEN SITE IS AT FINAL GRADE AND NO FURTHER GRADING IS NECESSARY, CONTRACTOR SHALL STABILIZE PORTIONS OF THE SITE WITH SEED/MULCH UNTIL FINAL LANDSCAPING IS INSTALLED.
6. CONTINUE TO STAGE 3.

CONSTRUCTION SEQUENCE - CHASE BANK PAD

1. INSTALL GRAVEL CONSTRUCTION ENTRANCE(S) PER PLAN. INSTALL TEMPORARY SILT FENCING WITH OUTLETS AS SHOWN.
2. CONTRACTOR SHALL CLEAR ONLY THOSE AREAS NECESSARY TO ACCESS AND INSTALL INITIAL PERIMETER DEVICES. INSTALL INLET PROTECTION ON EXISTING INLETS AS SHOWN.
3. INSTALL INLET PROTECTION PER ORANGE COUNTY SEC STANDARDS AND SPECIFICATIONS ON ALL SPECIFIED INLETS.
4. CALL 919.245.2587 FOR ON-SITE INSPECTION BY ORANGE COUNTY EROSION CONTROL.
5. BEGIN CLEARING, DEMOLITION OF EXISTING ASPHALT AND GRAVEL AREAS, AND GENERAL GRADING OF STAGE 1 AREA. MAINTAIN DEVICES AS NEEDED.
6. 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.
7. 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.
8. CONSTRUCT STORM DRAIN SYSTEM AS SHOWN.
9. INSTALL INLET PROTECTION ON ALL INLET STRUCTURES DURING CONSTRUCTION.
10. 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.
11. WHEN SITE IS AT FINAL GRADE AND NO FURTHER GRADING IS NECESSARY, CONTRACTOR SHALL STABILIZE PORTIONS OF THE SITE WITH SEED/MULCH UNTIL FINAL LANDSCAPING IS INSTALLED.

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

EXISTING
WILLOW DRIVE
(60' PUBLIC R/W)

N/F
OLIN T. BINKLEY BAPTIST CHURCH
PLAT BOOK 103, PAGE 113

EXISTING
HARRIS TETTER

EXISTING
K&W

100- YEAR
FLOODPLAIN

EXISTING
BUILDING
MULTI-FAMILY
(UNDER REVIEW)

EXISTING
UNIVERSITY PLACE

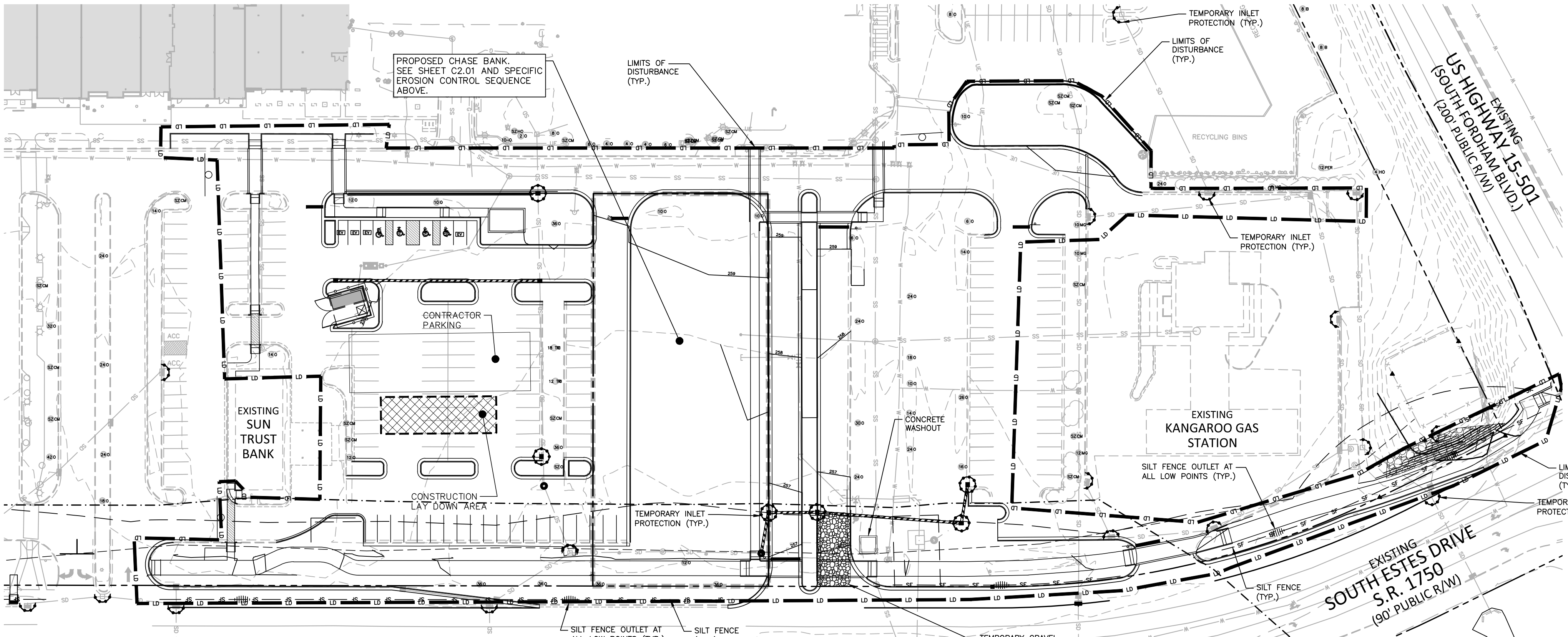
INSET 'A' - SEE
THIS SHEET

EXISTING
US HIGHWAY 15-501
(SOUTH FORDHAM BLVD.)
(200' PUBLIC R/W)

EXISTING
SOUTH ESTES DRIVE
S.R. 1750
(90' PUBLIC R/W)



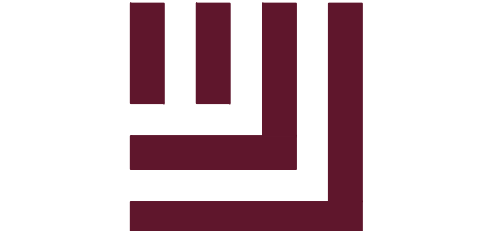
GRAPHIC SCALE
0 50 100 200
1 inch = 100 ft.



INSET A
1"=50'

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 ENGINEERING DESIGN
AND CONSTRUCTION STANDARDS



McADAMS

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Durham, NC 27713

phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293

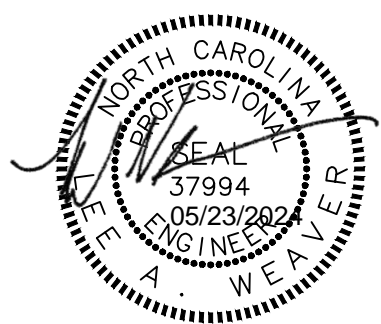
www.mcadamsco.com

CLIENT

RAM REALTY
2100 S. TRYON STREET SUITE 203
CHARLOTTE, NORTH CAROLINA 28203



UNIVERSITY PLACE
PHASE 1B + 1C
ZONING COMPLIANCE PERMIT
CHAPEL HILL, NC 27514



REVISIONS

NO.	DATE	DESCRIPTION
9	07. 14. 2023	FIRE HYDRANT REVISION
10	07. 28. 2023	WEST RIN/ROUT
11	08. 24. 2023	CHASE BANK EC PLANS
12	09. 18. 2023	NCDOT-SIDEWALK REVISION
13	09. 27. 2023	5-3 BANK SPOT GRADES
14	02. 28. 2024	CHASE BANK EC SUBMITTAL
15	05. 20. 2024	ZCP UPDATE

PLAN INFORMATION

PROJECT NO. RAM-19000
FILENAME RAM19000-OAEC2
CHECKED BY LAW
DRAWN BY MRO
SCALE 1"=100'
DATE 09.18.2023

SHEET

EROSION CONTROL &
CM PLAN - STAGE 2

C6.03-1B/1C

FINAL DRAWING - RELEASED FOR CONSTRUCTION

CONSTRUCTION SEQUENCE - STAGE 3

1. INSTALL GRAVEL CONSTRUCTION ENTRANCE(S) PER PLAN. ALSO INSTALL TEMPORARY SILT FENCING WITH OUTLETS AS SHOWN.
2. CONTRACTOR SHALL CLEAR ONLY THOSE AREAS NECESSARY TO ACCESS AND INSTALL INITIAL PERIMETER DEVICES. INSTALL INLET PROTECTION ON EXISTING INLETS AS SHOWN.
3. INSTALL INLET PROTECTION PER ORANGE COUNTY SEC STANDARDS AND SPECIFICATIONS ON ALL SPECIFIED INLETS.
4. CALL 919.245.2587 FOR ON-SITE INSPECTION BY ORANGE COUNTY EROSION CONTROL.
5. BEGIN CLEARING, DEMOLITION OF EXISTING ASPHALT AND GRAVEL AREAS, AND GENERAL GRADING OF STAGE 3 AREA. MAINTAIN DEVICES AS NEEDED.
6. 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.
7. PROVIDE ALL DISTURBED AREAS WITH GROUND COVER WITHIN 14 CALENDAR DAYS AFTER COMPLETION OF ANY PHASE OF CLEARING, GRUBBING OR GRADING. THE SEEDING, SEEDED 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.
8. WITH APPROVAL FROM ORANGE COUNTY EROSION CONTROL INSPECTOR, CONTINUE TO STAGE 4.

EXISTING
WILLOW DRIVE
(60' PUBLIC R/W)

N/F
OLIN T. BINKLEY BAPTIST CHURCH
PLAT BOOK 103, PAGE 113

EXISTING
HARRIS TETTER

100- YEAR
FLOODPLAIN

EXISTING
BUILDING
MULTI-FAMILY
(UNDER REVIEW)

EXISTING
UNIVERSITY PLACE

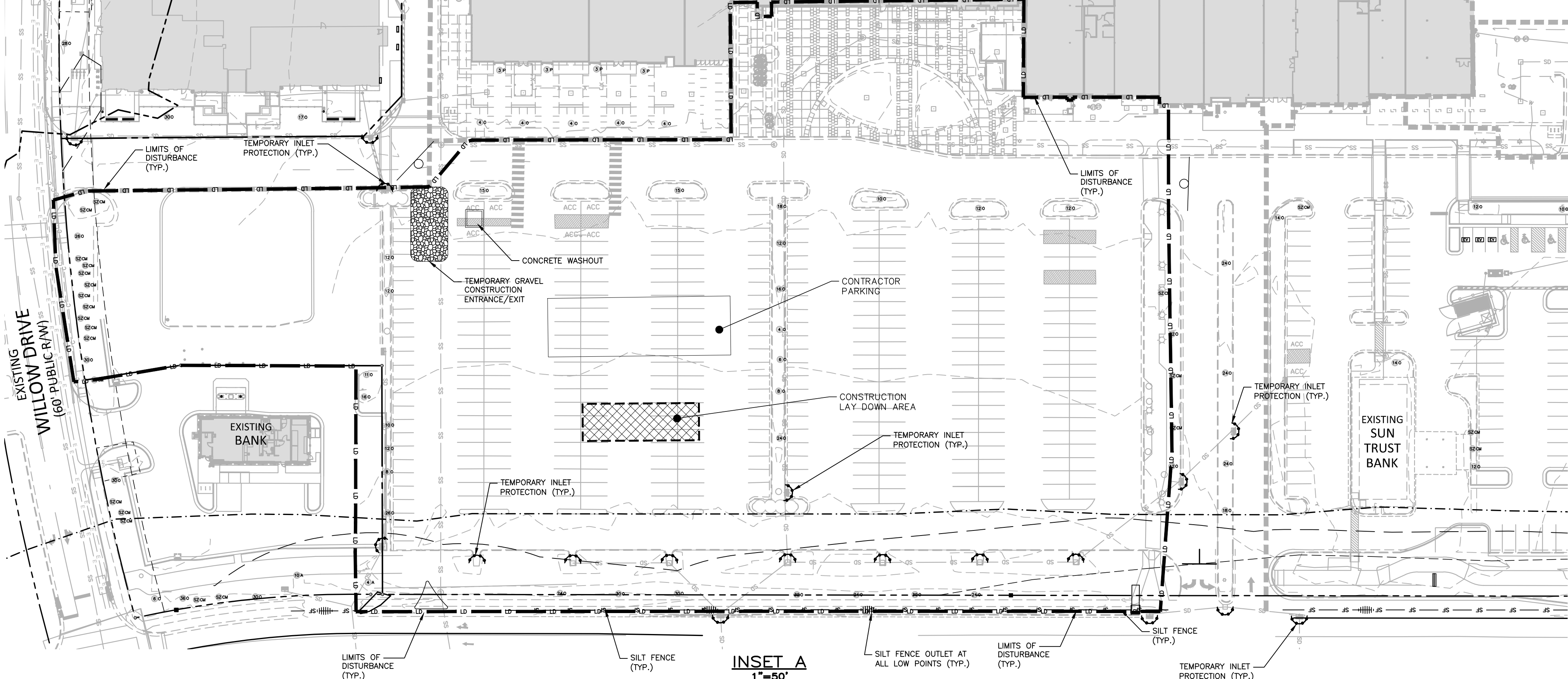
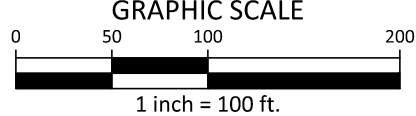
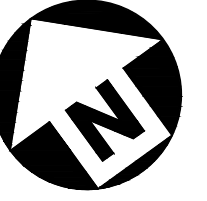
INSET 'A' - SEE
THIS SHEET

EXISTING
US HIGHWAY 15-501
(200' PUBLIC R/W)

EXISTING
SOUTH ESTES DRIVE
S.R. 1750
(90' PUBLIC R/W)

EROSION CONTROL LEGEND

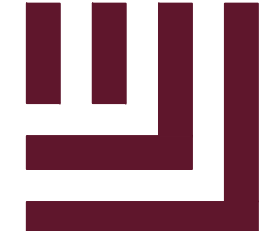
- SILT FENCE OUTLET
- INLET PROTECTION
- INLET PROTECTION FOR EXISTING STRUCTURES
- TEMPORARY SLOPE DRAIN
- FILTER BERM
- CHECK DAM
- SILT FENCE
- TREE PROTECTION FENCE
- LIMITS OF DISTURBANCE
- WOODED AREA
- DIVERSION DITCH
- CONSTRUCTION ENTRANCE/EXIT



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AND CONSTRUCTION STANDARDS

FINAL DRAWING - RELEASED FOR CONSTRUCTION



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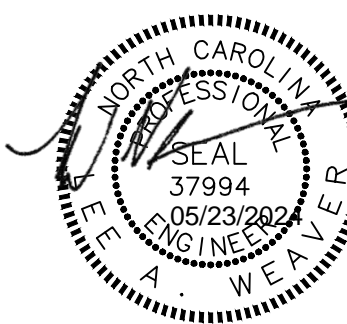
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REVISIONS

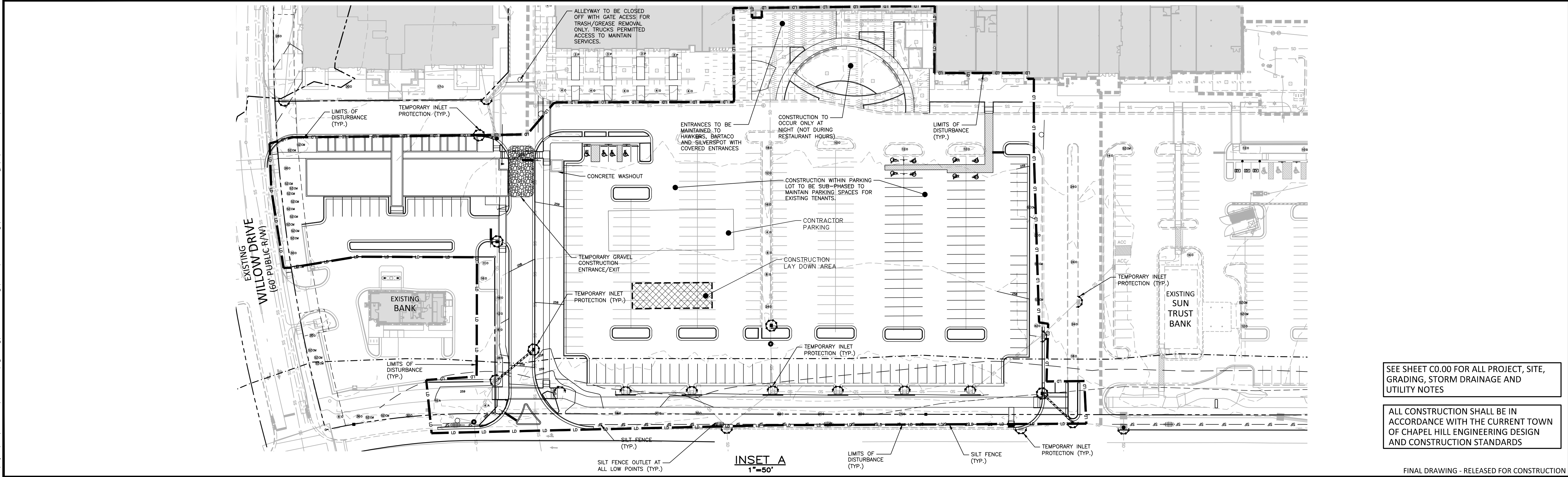
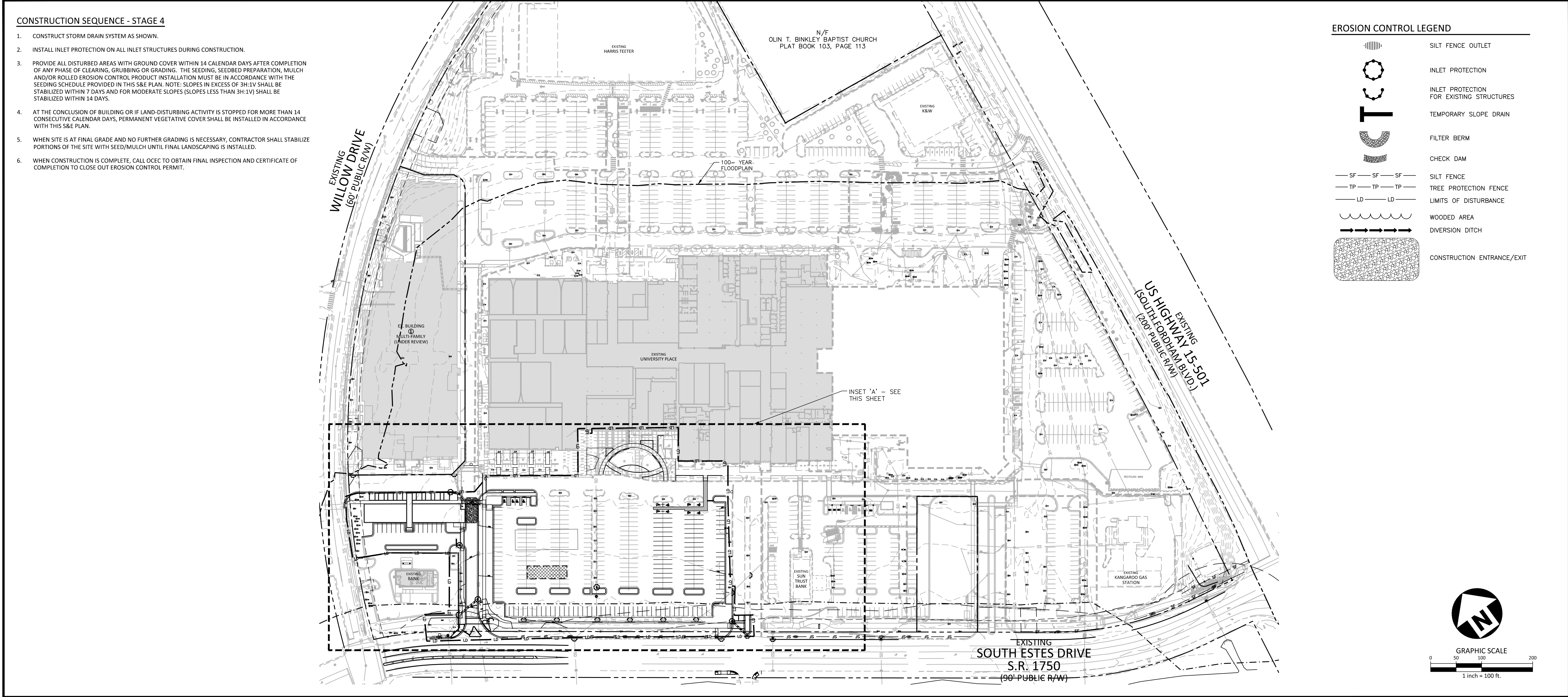
NO.	DATE	DESCRIPTION
9	07. 14. 2023	FIRE HYDRANT REVISION
10	07. 28. 2023	WEST RIN/ROUT
11	08. 24. 2023	CHASE BANK EC PLANS
12	09. 18. 2023	NCDOT-SIDEWALK REVISION
13	09. 27. 2023	5-3 BANK SPOT GRADES
14	02. 28. 2024	CHASE BANK EC SUBMITTAL
15	05. 20. 2024	ZCP UPDATE

PLAN INFORMATION

PROJECT NO.	RAM-19000
FILENAME	RAM19000-OAEC3
CHECKED BY	LAW
DRAWN BY	MRO
SCALE	1"=100'
DATE	09.18.2023

SHEET

EROSION CONTROL &
CM PLAN - STAGE 3
C6.04-1B/1C



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CHAPEL HILL, NC 27514

ram
Ram Realty Advisors

REVISIONS		
NO.	DATE	DESCRIPTION
9	07.14.2023	FIRE HYDRANT REVISION
10	07.28.2023	WEST RIN/ROUT
11	08.24.2023	CHASE BANK EC PLANS
12	09.18.2023	NCDOT-SIDEWALK REVISION
13	09.27.2023	5-3 BANK SPOT GRADES
14	02.28.2024	CHASE BANK EC SUBMITTAL
15	05.20.2024	ZCP UPDATE

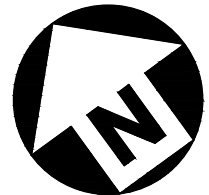
PLAN INFORMATION	
PROJECT NO.	RAM-19000
FILENAME	RAM19000-OAEC4
CHECKED BY	LAW
DRAWN BY	MRO
SCALE	1"=100'
DATE	09.18.2023

SHEET

EROSION CONTROL & CM PLAN - STAGE 4
C6.05-1B/1C

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 ENGINEERING DESIGN AND CONSTRUCTION STANDARDS



GRAPHIC SCALE
0 30 60 120
1 inch = 60 ft.

EXISTING
WILLOW DRIVE
(60' PUBLIC R/W)

EXISTING
HARRIS TEETER

N/F
OLIN T. BINKLEY BAPTIST CHURCH
PLAT BOOK 103, PAGE 113

100- YEAR
FLOODPLAIN

EX. BUILDING
①
MULTI-FAMILY
(UNDER REVIEW)

EX. DUMPSTER PAD
LOCATION

EX. DUMPSTER PAD
LOCATION

EXISTING
UNIVERSITY PLACE

EXISTING
SUN
TRUST BANK

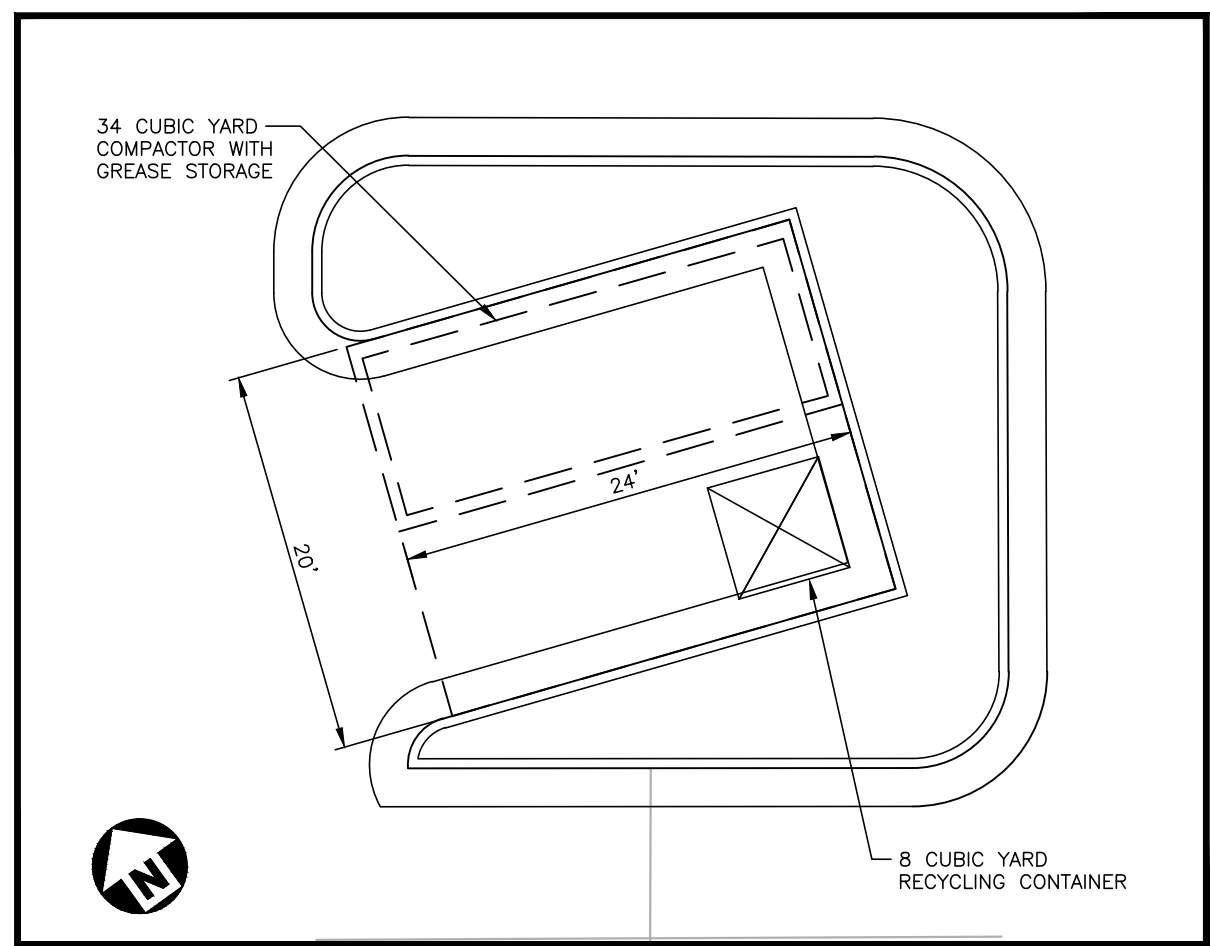
EXISTING
BANK

EX. RECYCLE PAD
LOCATION

EX. DUMPSTER PAD
LOCATION

EXISTING
KANGAROO GAS
STATION

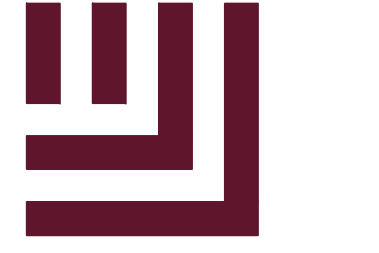
EXISTING
SOUTH-ESTES DRIVE
S.R. 1750
(90' PUBLIC R/W)



INSET A
1"=50'

SOLID WASTE NOTES:

- ALL EXISTING STRUCTURES 500 SQUARE FEET AND LARGER IN SIZE SHALL BE ASSESSED PRIOR TO DEMOLITION TO ENSURE COMPLIANCE WITH THE COUNTY'S REGULATED RECYCLABLE MATERIALS ORDINANCE (RRMO) AND TO ASSESS THE POTENTIAL FOR DE-CONSTRUCTION AND/OR THE RE-USE OF SALVAGEABLE MATERIALS.
- BY ORANGE COUNTY ORDINANCE, CLEAN WOOD WASTE, SCRAP METAL, AND CORRUGATED CARDBOARD PRESENT IN CONSTRUCTION OR DEMOLITION WASTE MUST BE RECYCLED.
- BY ORANGE COUNTY ORDINANCE, ALL HAULERS OF MIXED CONSTRUCTION AND DEMOLITION WASTE THAT INCLUDES ANY REGULATED RECYCLABLE MATERIALS SHALL BE LICENSED BY ORANGE COUNTY.
- PRIOR TO ANY DEMOLITION OR CONSTRUCTION ACTIVITY ON THE SITE THE APPLICANT SHALL HOLD A PRE-DEMOLITION/PRE-CONSTRUCTION CONFERENCE WITH THE SOLID WASTE STAFF (919-968-2788). THIS MAY BE THE SAME PRE-CONSTRUCTION MEETING HELD WITH OTHER DEVELOPMENT/FORCEMENT OFFICIALS.
- THE PRESENCE OF ANY ASBESTOS CONTAINING MATERIALS (ACM) AND/OR OTHER HAZARDOUS MATERIALS IN CONSTRUCTION AND DEMOLITION WASTE SHALL BE HANDLED IN ACCORDANCE WITH ANY AND ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND GUIDELINES.
- IF ANY VEHICLES ARE PARKED IN THE REFUSE OR RECYCLABLES COLLECTION VEHICLE ACCESS AREA, THE CONTAINERS WILL NOT RECEIVE SERVICE UNTIL THE NEXT SCHEDULED COLLECTION DAY.
- MIXED RECYCLING WILL BE IN ROLL OUT CARTS TO BE COLLECTED BY PRIVATE WASTE COLLECTION CONTRACTOR. OWNER ACKNOWLEDGES THAT RIGHTS ARE BEING WAIVED FOR PUBLIC COLLECTION OF MIXED RECYCLABLES BY ORANGE COUNTY AND THAT PAYMENT OF ANNUAL FEE WITH REAL ESTATE TAXES WILL STILL BE REQUIRED.
- TRASH AND MIXED RECYCLABLES WILL BE IN SEPARATE CONTAINERS AND COLLECTED BY A PRIVATE WASTE COLLECTION CONTRACTOR.
- ALL CONSTRUCTION WASTE MATERIALS CONTAINING REGULATED RECYCLABLE MATERIALS (SEE NOTE 2 ABOVE) SHALL BE RECYCLED PURSUANT TO THE ORANGE COUNTY REGULATED RECYCLABLE MATERIALS ORDINANCE (RRMO). CONTRACTORS SHALL RETAIN PICKUP SLIPS TO RECORD/VALIDATE RECYCLING AS MAY BE REQUIRED FOR ENVIRONMENTAL CREDITS.
- THE TRASH AND RECYCLE COLLECTION AREA INCLUDES A 2-YD MINI-COMPACTOR WITH 2-YD BINS FOR BOTH TRASH AND RECYCLING.
- ALL LEVELS OF RESIDENTIAL SPACE WILL INCLUDE A TRASH CHUTE/COLLECTION AND RECYCLING STAGING AREA. THE CHUTE WILL DIRECT TRASH TO THE COMPACTORS ON THE LEVEL 0 PARKING.
- THE OWNER, OR THEIR DESIGNEE, SHALL BE RESPONSIBLE FOR MAINTAINING A FIRE WATCH DURING CONSTRUCTION AND DEMOLITION WHERE MATERIALS SUBJECT TO SPONTANEOUS COMBUSTION OR OTHER HAZARDOUS CONSTRUCTION OR DEMOLITION IS OCCURRING.
- ALL CONSTRUCTION AND DEMOLITION SHALL BE CONDUCTED IN COMPLIANCE WITH THE CURRENT EDITION OF CHAPTER 14 OF THE NC FPC.
- APPLICANT ELECTS TO PROVIDE PRIVATE MIXED RECYCLING SERVICE TO THIS PROPERTY IN LIEU OF BUILDING A MIXED RECYCLING CENTER CONSTRUCTED TO OCSW SPECIFICATIONS.
- THE SITE WILL NOT RECEIVE PUBLIC MIXED RECYCLING COLLECTION NOW OR IN THE FUTURE UNLESS A MIXED RECYCLING CENTER IS CONSTRUCTED OR CONTINGENCY FOR SUCH A CENTER IS INCLUDED ON DEVELOPMENT PLANS.
- APPLICANT MUST REQUIRE AT LEAST THE SAME LEVEL OF CURRENT AND FUTURE MIXED RECYCLING SERVICE TO ITS RESIDENTS AS THAT PROVIDED BY OCSW.
- COUNTY FEES FOR MIXED RECYCLING COLLECTION AND WASTE MANAGEMENT ASSOCIATED WITH THIS PROPERTY WILL NOT BE WAIVED.
- ELECTION TO FOREGO MIXED PUBLIC RECYCLING
 - APPLICANT ELECTS TO PROVIDE PRIVATE MIXED RECYCLING SERVICE TO THIS PROPERTY IN LIEU OF BUILDING A MIXED RECYCLING CENTER CONSTRUCTED TO OCSW SPECIFICATIONS.
 - THE SITE WILL NOT RECEIVE PUBLIC MIXED RECYCLING COLLECTION NOW OR IN THE FUTURE UNLESS A MIXED RECYCLING CENTER IS CONSTRUCTED OR CONTINGENCY FOR SUCH A CENTER IS INCLUDED IN DEVELOPMENT PLANS.
 - APPLICANT MUST REQUIRE AT LEAST THE SAME LEVEL OF CURRENT AND FUTURE MIXED RECYCLING SERVICE TO ITS RESIDENTS AS THAT PROVIDED BY OCSW.
 - COUNTY FEES FOR MIXED RECYCLING COLLECTION AND WASTE MANAGEMENT ASSOCIATED WITH THIS PROJECT WILL NOT BE WAIVED.



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PHASE 1B + 1C
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CHAPEL HILL, NC 27514



REVISIONS

NO.	DATE	DESCRIPTION
9	07.14.2023	FIRE HYDRANT REVISION
10	07.28.2023	WEST RIN/ROUT
11	08.24.2023	CHASE BANK EC PLANS
12	09.18.2023	NCDOT-SIDEWALK REVISION
13	09.27.2023	5-3 BANK SPOT GRADES
14	02.28.2024	CHASE BANK EC SUBMITTAL
15	05.20.2024	ZCP UPDATE

PLAN INFORMATION

PROJECT NO.	RAM-19000
FILENAME	RAM19000-OAS1
CHECKED BY	LAW
DRAWN BY	MRO
SCALE	1"=60'
DATE	09.18.2023

SHEET

SOLID WASTE PLAN

C7.01-1B/1C

FINAL DRAWING - RELEASED FOR CONSTRUCTION

I:\Projects\BANK\20211105\1\04-Production\Engineering\Construction Drawings\Retail-1\Current Drawings\RAM19000-SWI.dwg, 5/23/2024, 8:20:19 AM, Lee Weaver



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PHASE 1B + 1C
ZONING COMPLIANCE PERMIT
CHAPEL HILL, NC 27514



REVISIONS

NO.	DATE	DESCRIPTION
1	03.30.2022	RESPONSE TO TOCH COMMENTS
2	05.26.2022	FINAL ZCP SUBMITTAL

PLAN INFORMATION

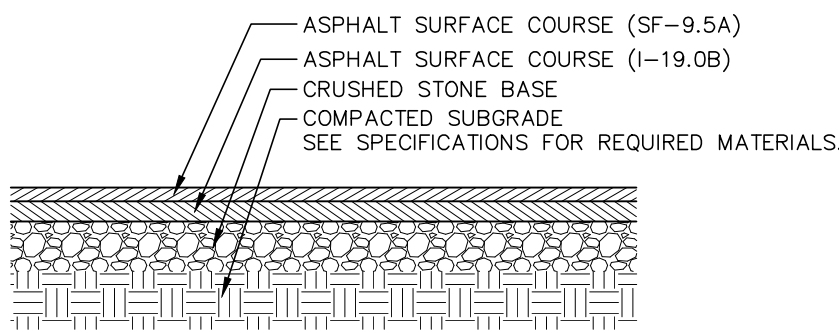
PROJECT NO. RAM-19000
FILENAME RAM19000-D1
CHECKED BY LAW
DRAWN BY MRO
SCALE N/A
DATE 05.26.2022

SHEET

SITE DETAILS

C8.00-1B/1C

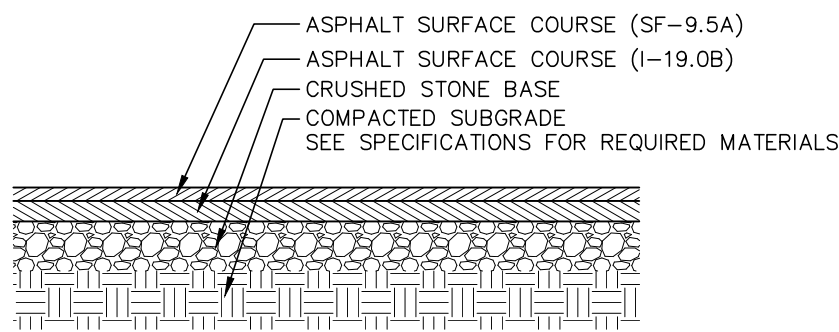
NOTE:
THE PAVEMENT SECTIONS SHOWN ARE PRELIMINARY. THE CONTRACTOR SHALL VERIFY PAVEMENT DESIGN WITH THE GEOTECHNICAL ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.



ON-SITE ASPHALT HEAVY DUTY
TRAFFIC PAVEMENT DETAIL

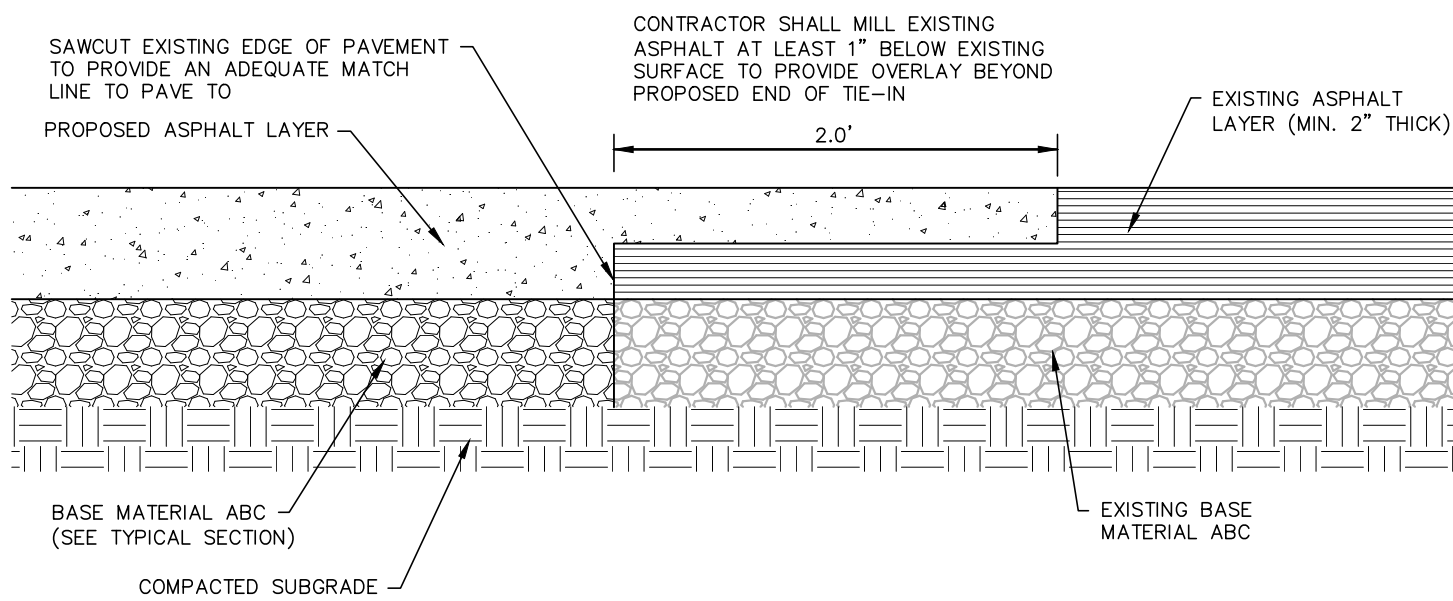
N.T.S.

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



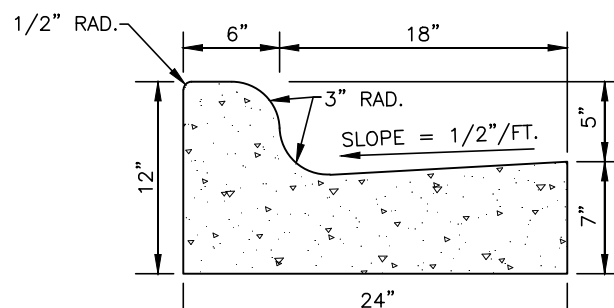
ON-SITE ASPHALT PARKING
PAVEMENT DETAIL

N.T.S.

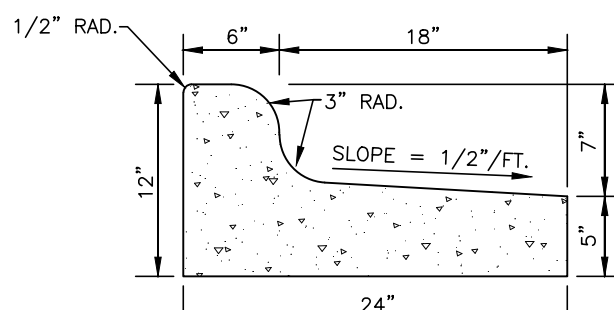


TYPICAL ASPHALT KEY-IN DETAIL

N.T.S.



STANDARD 24" CURB AND GUTTER



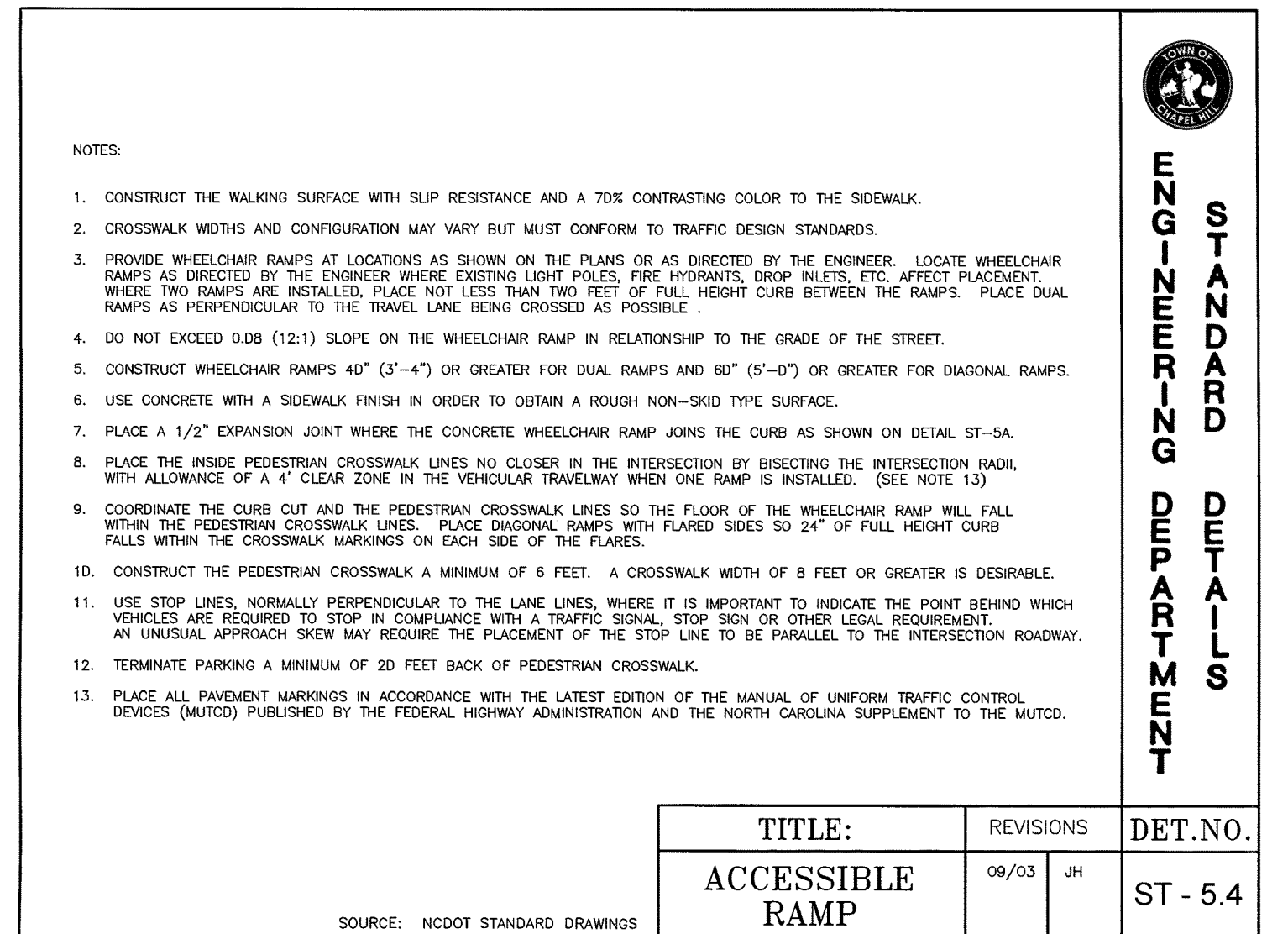
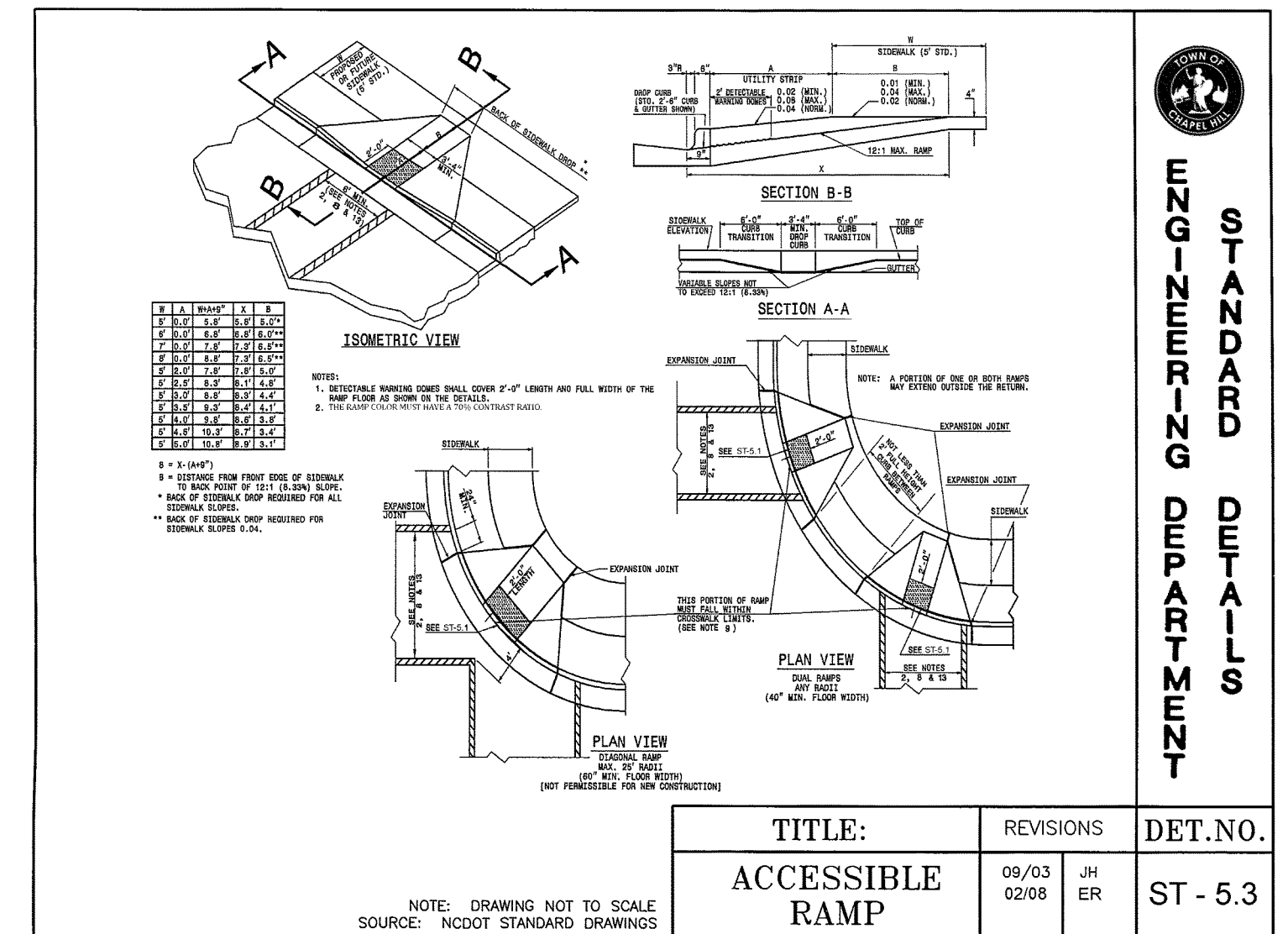
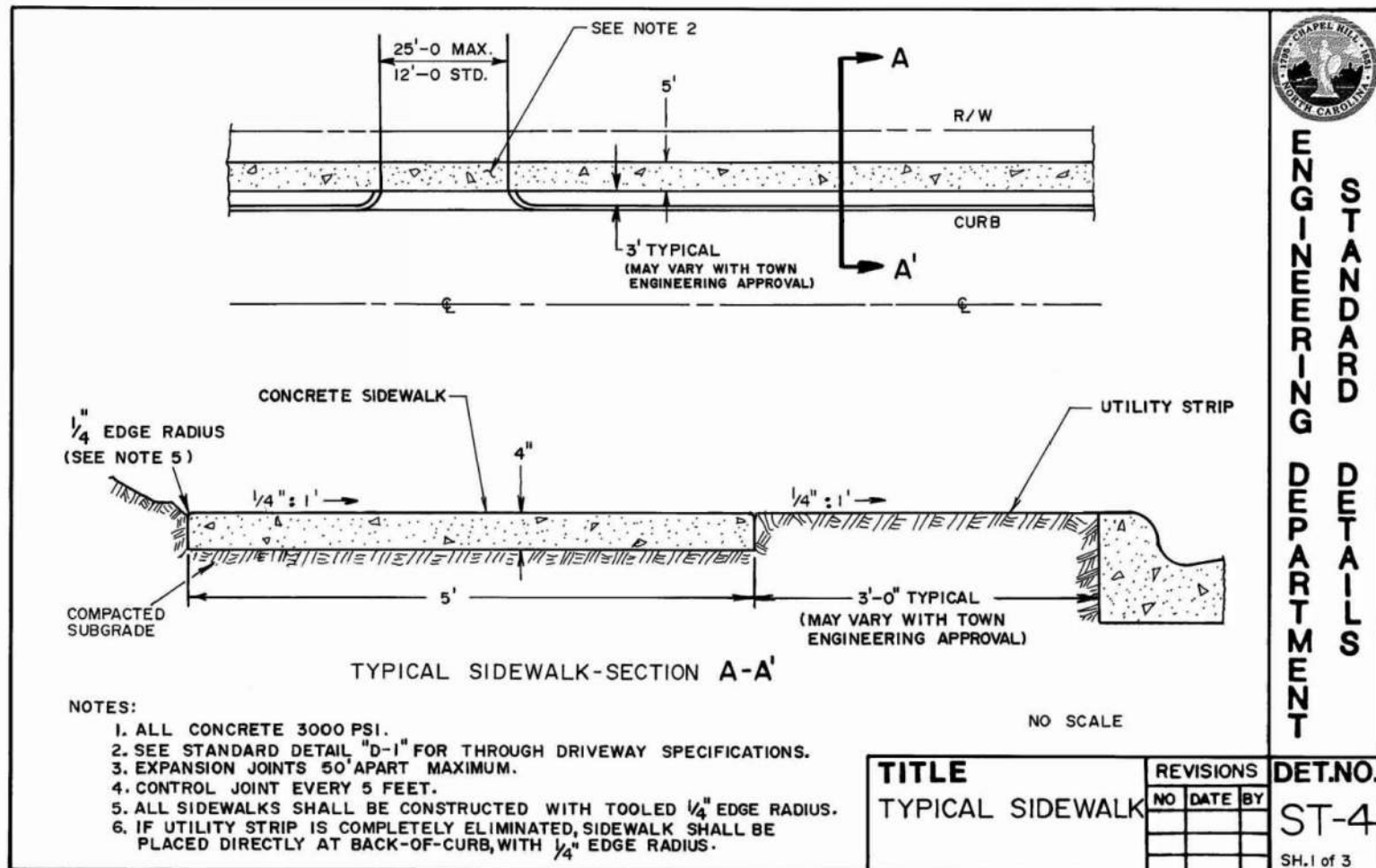
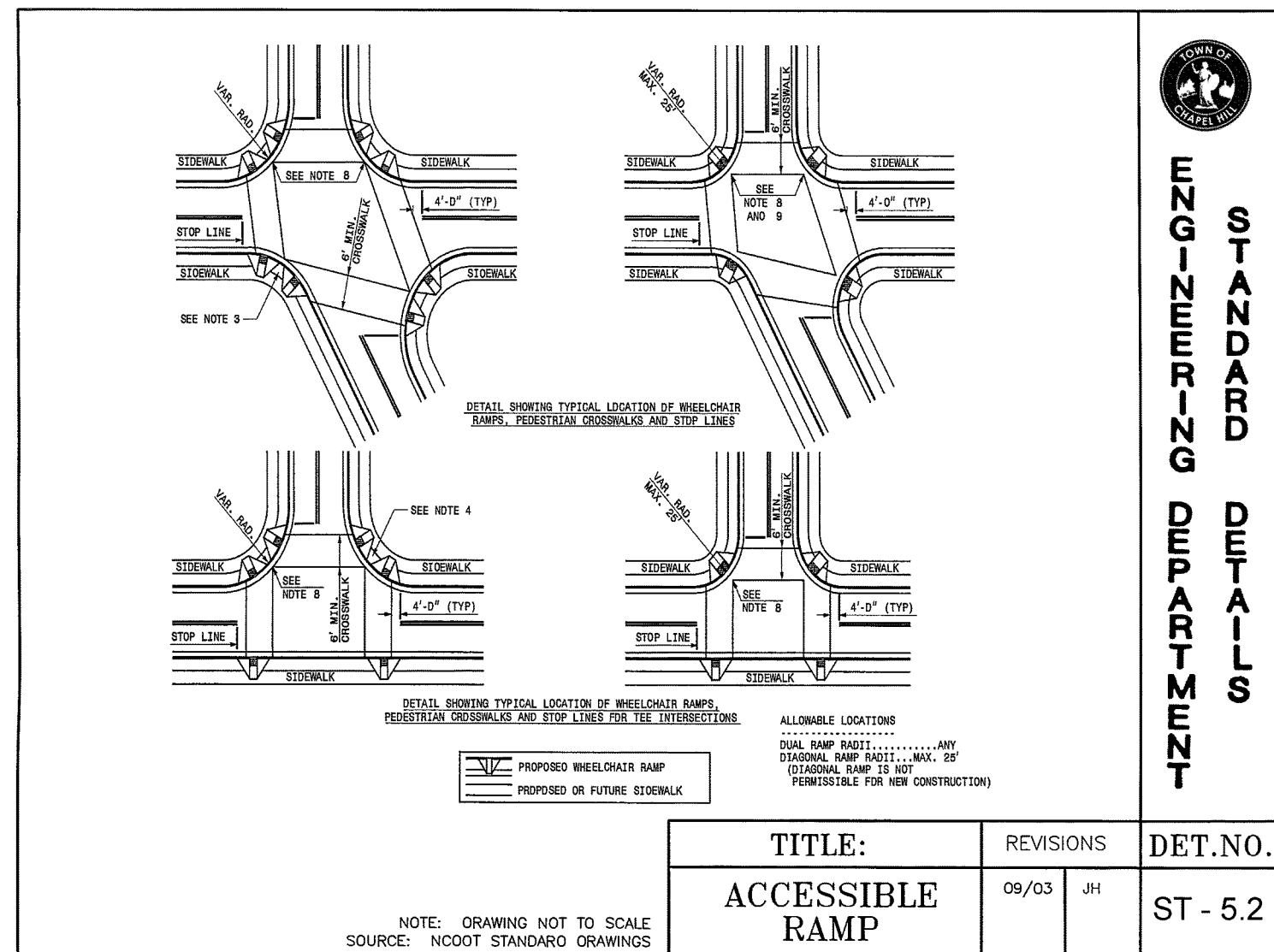
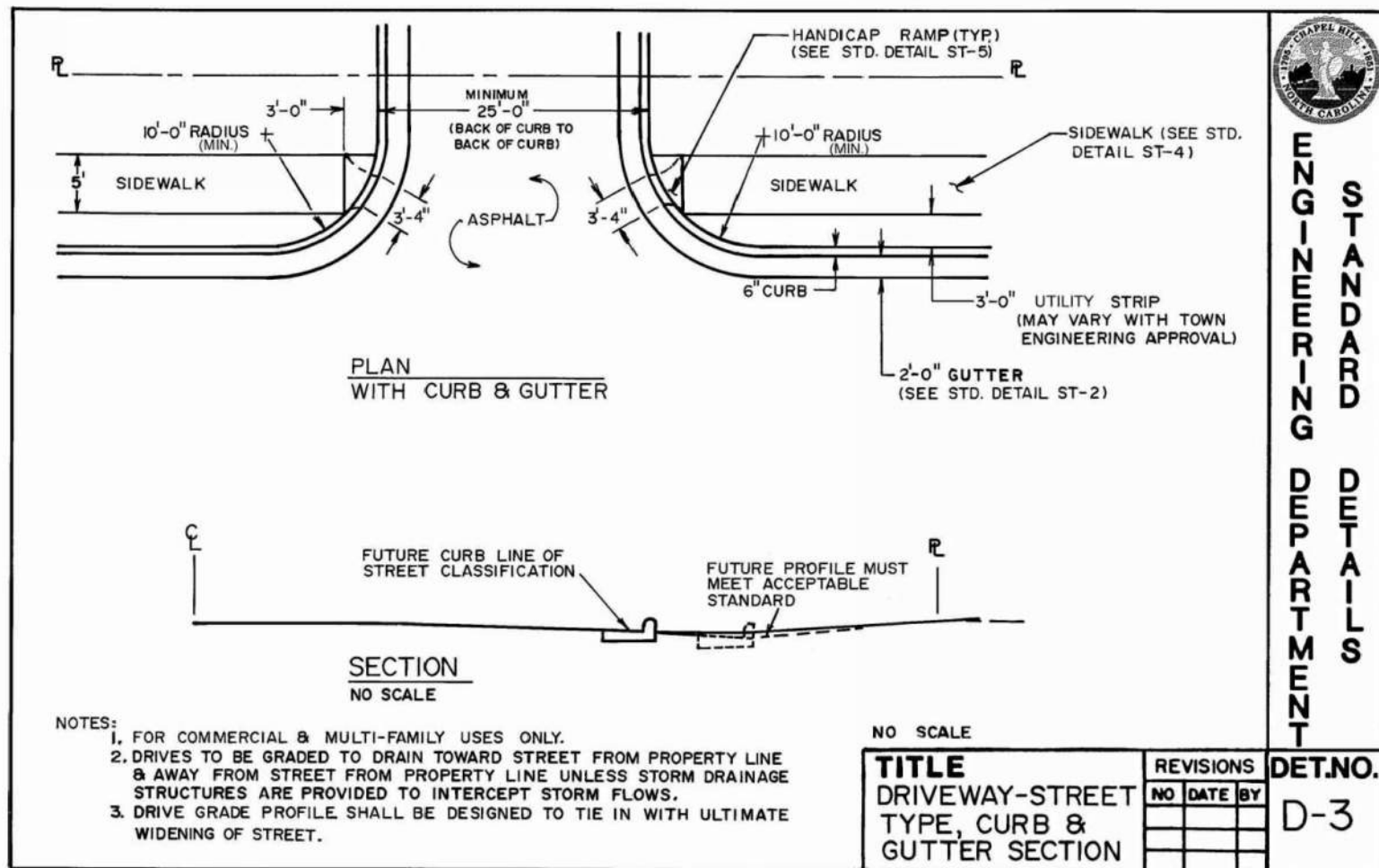
24" SPILL CURB AND GUTTER

NOTES:

- 10' MAXIMUM BETWEEN DUMMY JOINTS. 15' MAXIMUM BETWEEN DUMMY JOINTS ON MACHINE POURS.
- 1/2" EXPANSION JOINT EVERY 50'.
- 3000 PSI CONCRETE MINIMUM, 4" SLUMP MAXIMUM.
- LIQUID MEMBRANE CURING COMPOUND SHALL MEET THE REQUIREMENTS OF SECTION 102B-2 OF NCDOT STANDARDS AND SPECIFICATIONS FOR ROADS AND STRUCTURES.
- 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 102B-2 OF THE NCDOT STANDARDS AND SPECIFICATIONS FOR ROADS AND STRUCTURES.
- REFER TO NCDOT DETAIL 846.01 FOR CURB AND GUTTER SUPERELEVATION RATES.

24" CURB AND GUTTER

N.T.S.



TOWN OF CHAPEL HILL
CONSTRUCTION PLAN APPROVAL

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ENGINEERING SIGNATURE:
DATE:

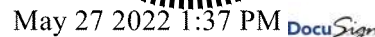
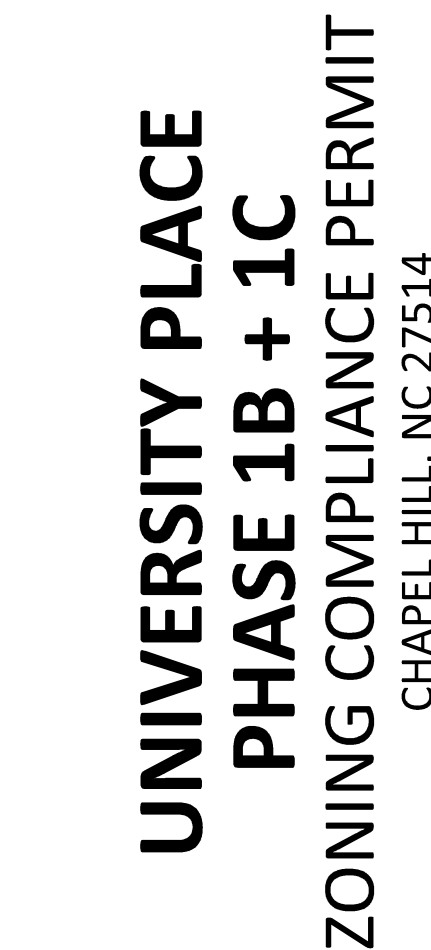
FINAL DRAWING - RELEASED FOR CONSTRUCTION



phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293

CLIENT

RAM REALTY
127 W. WORTHINGTON AVE, SUITE 29
CHARLOTTE, NORTH CAROLINA 28203

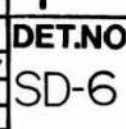
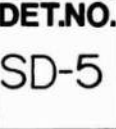
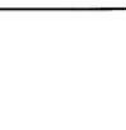
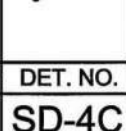
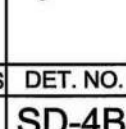
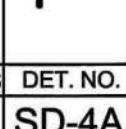
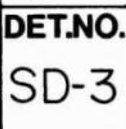


NO.	DATE	DESCRIPTION
1	03. 30. 2022	RESPONSE TO TOCH COMMENT
2	05. 26. 2022	FINAL ZCP SUBMITTAL

PROJECT NO.	RAM-19000
FILENAME	RAM19000-D
CHECKED BY	LAW
DRAWN BY	MRO
SCALE	N/A
DATE	05. 26. 2022

STORM DRAINAGE DETAILS

C8.01-1B/1C

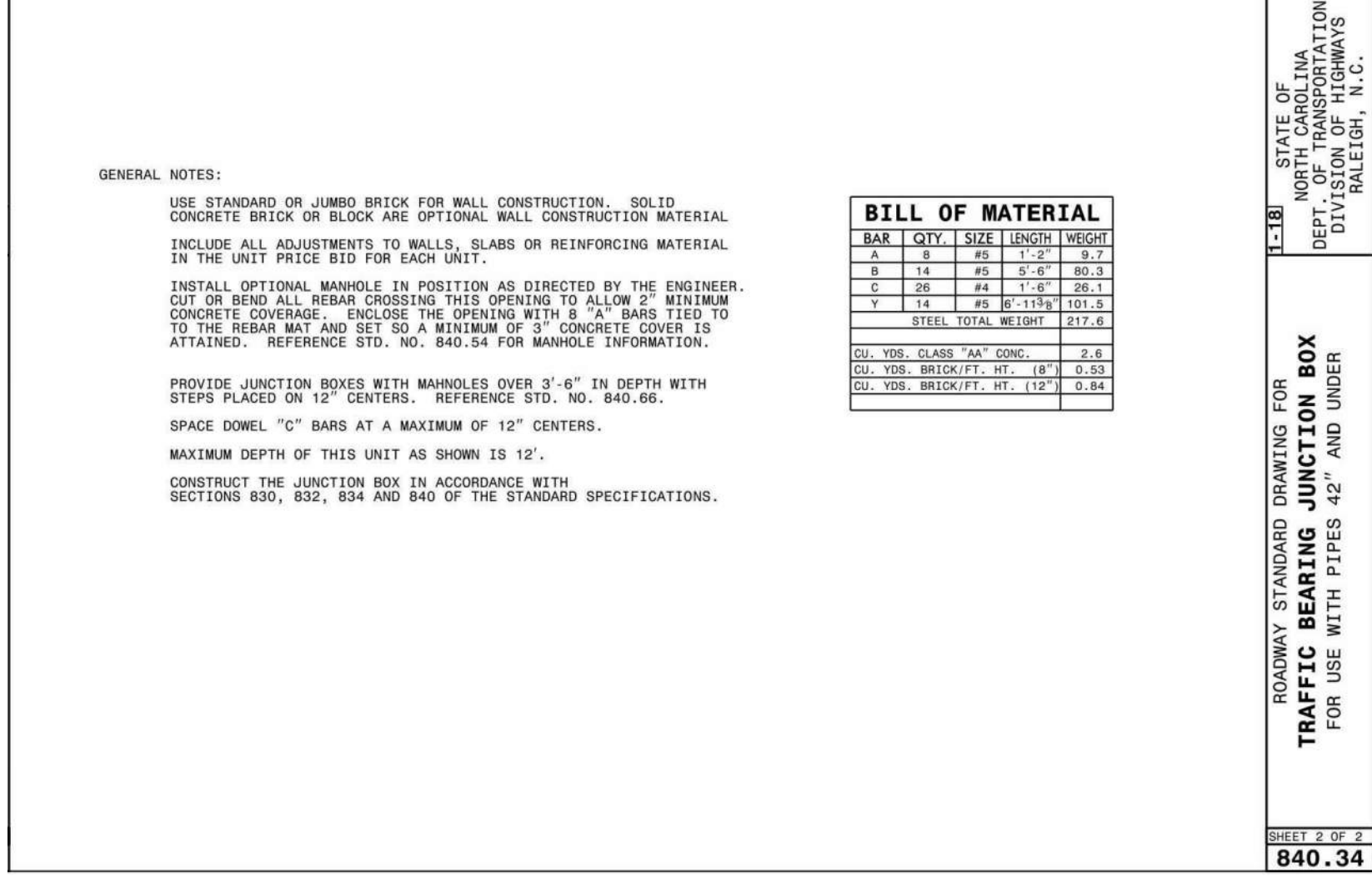
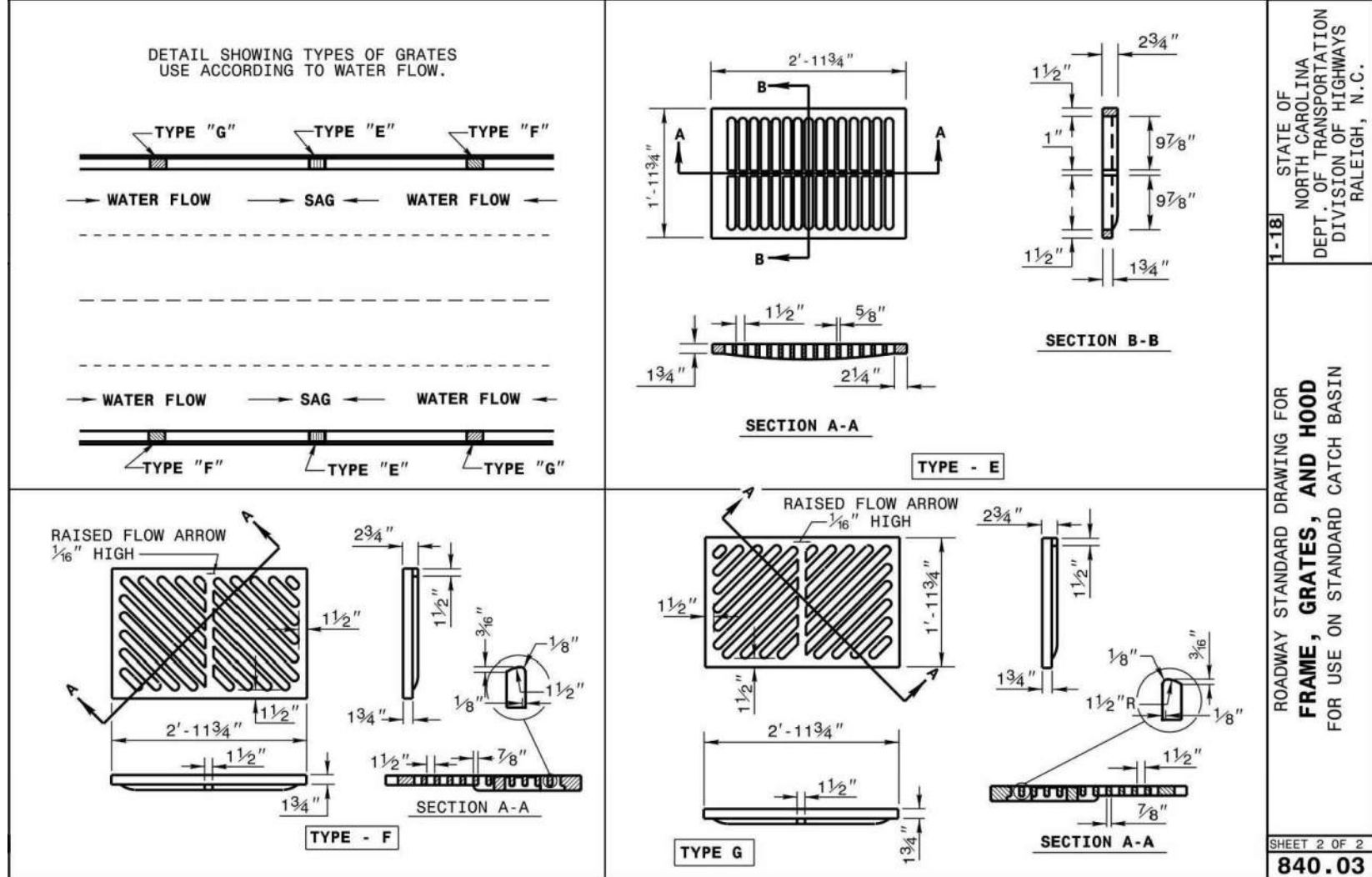
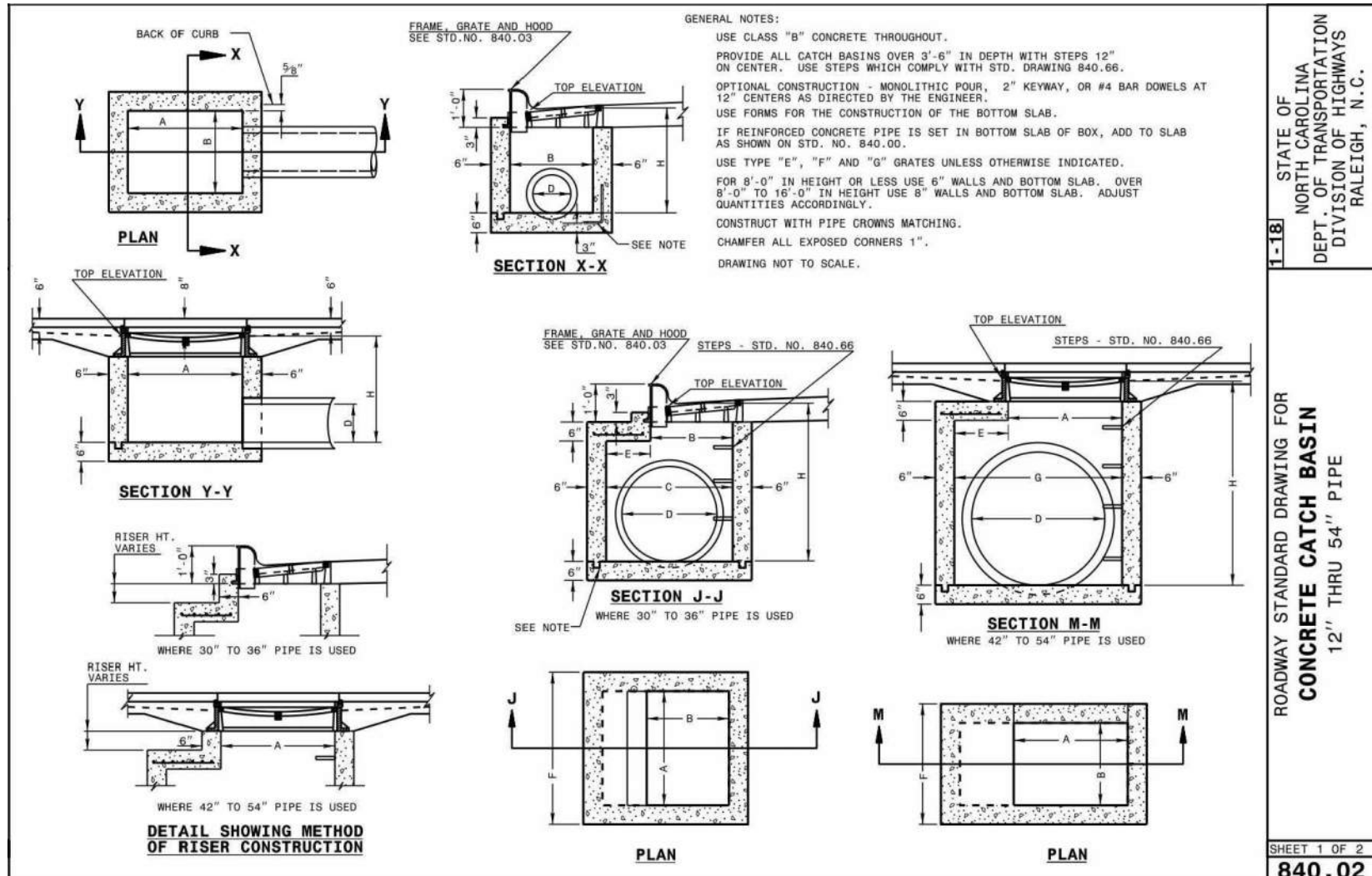


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DATE:

FINAL DRAWING - RELEASED FOR CONSTRUCTION

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McAdams

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license number: C-0293

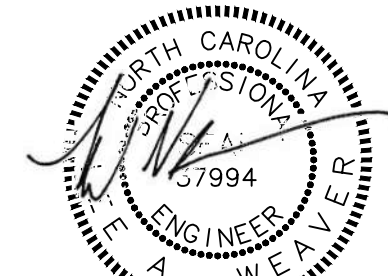
www.mcadamsco.com

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UNIVERSITY PLACE
PHASE 1B + 1C
ZONING COMPLIANCE PERMIT
CHAPEL HILL, NC 27514



May 27 2022 1:38 PM DocuSign

REVISIONS

NO.	DATE	DESCRIPTION
1	03.30.2022	RESPONSE TO TOCH COMMENTS
2	05.26.2022	FINAL ZCP SUBMITTAL

PLAN INFORMATION

PROJECT NO. RAM-19000
FILENAME RAM19000-D1
CHECKED BY LAW
DRAWN BY MRO
SCALE N/A
DATE 05.26.2022

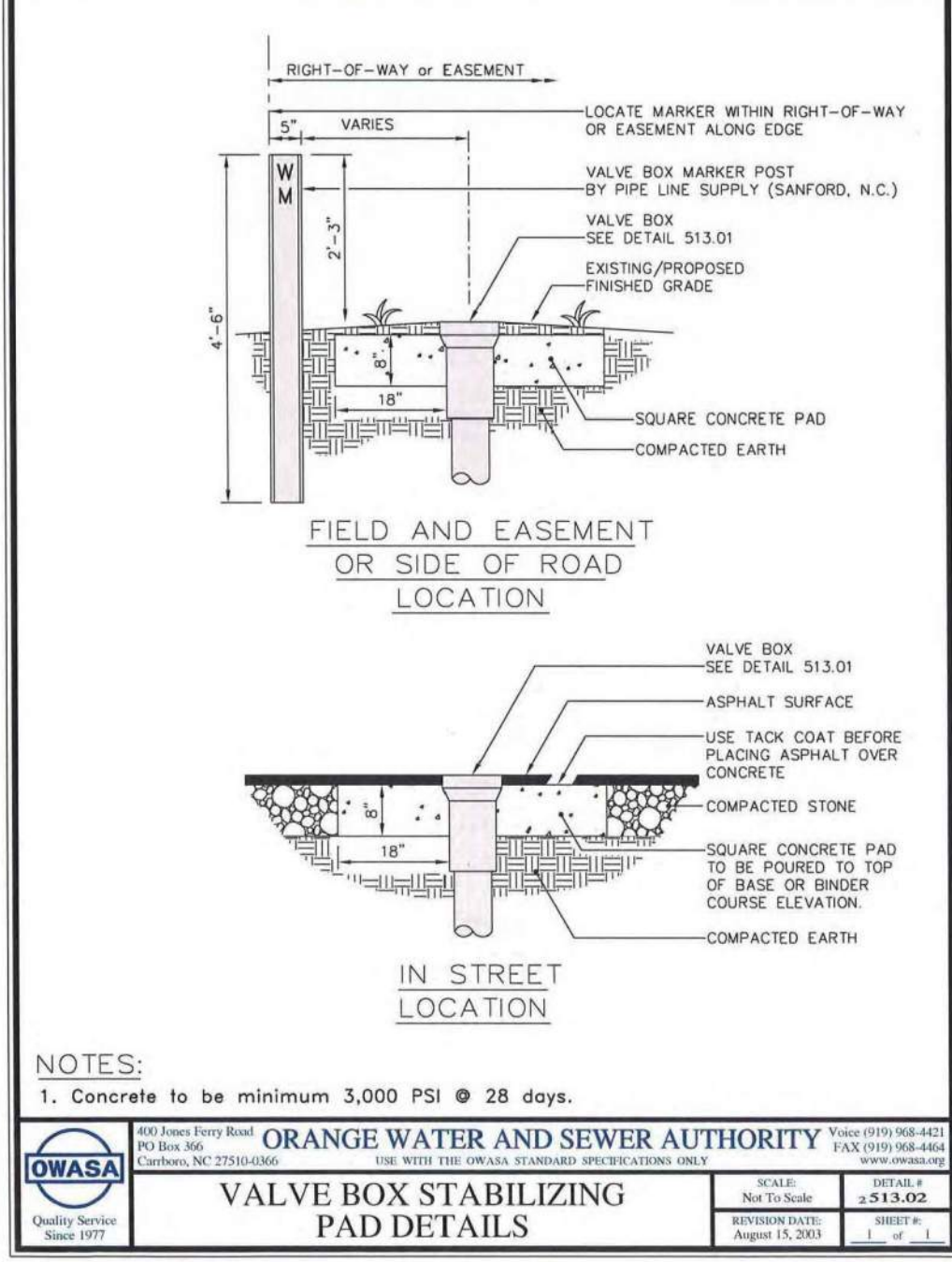
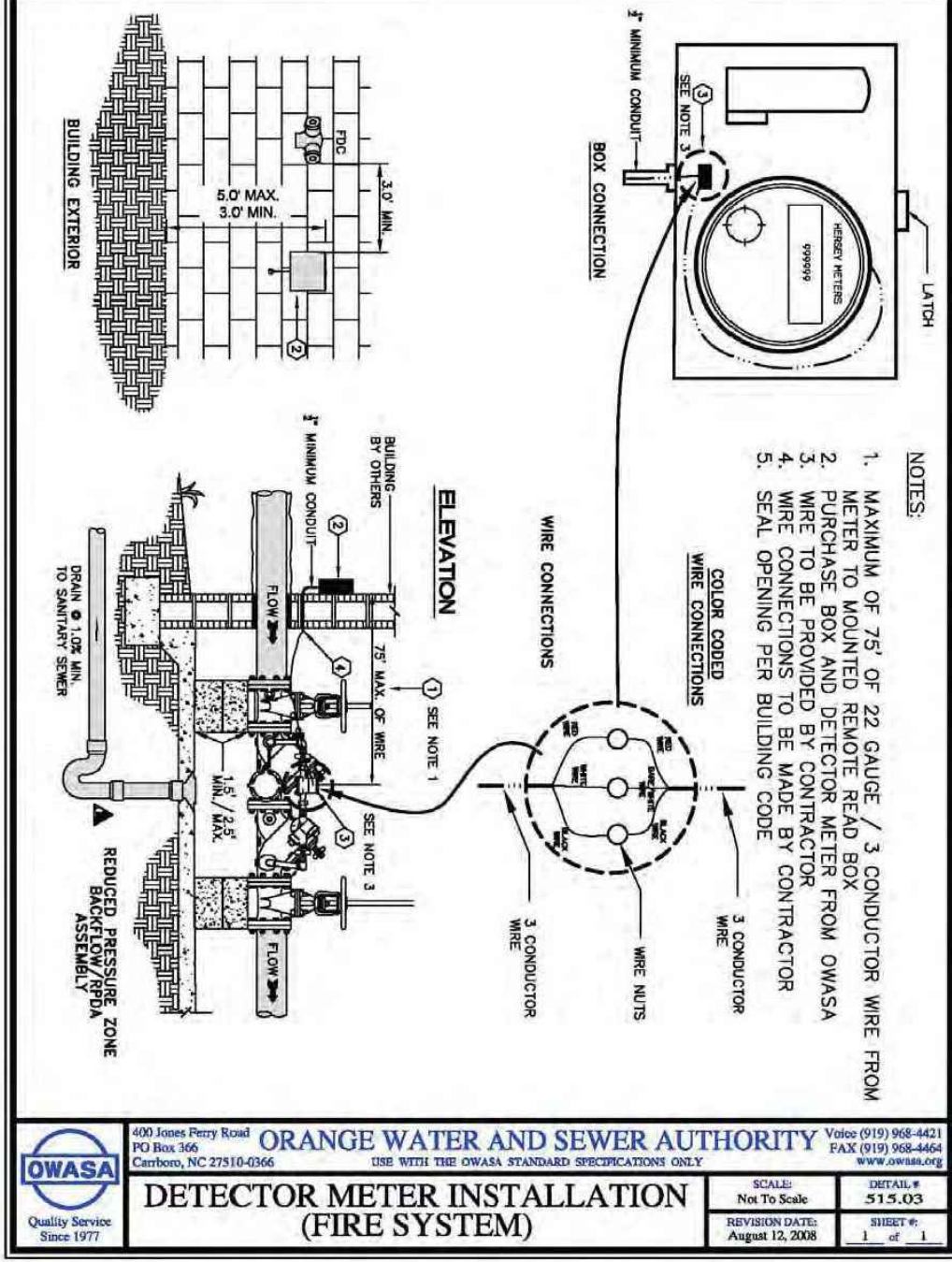
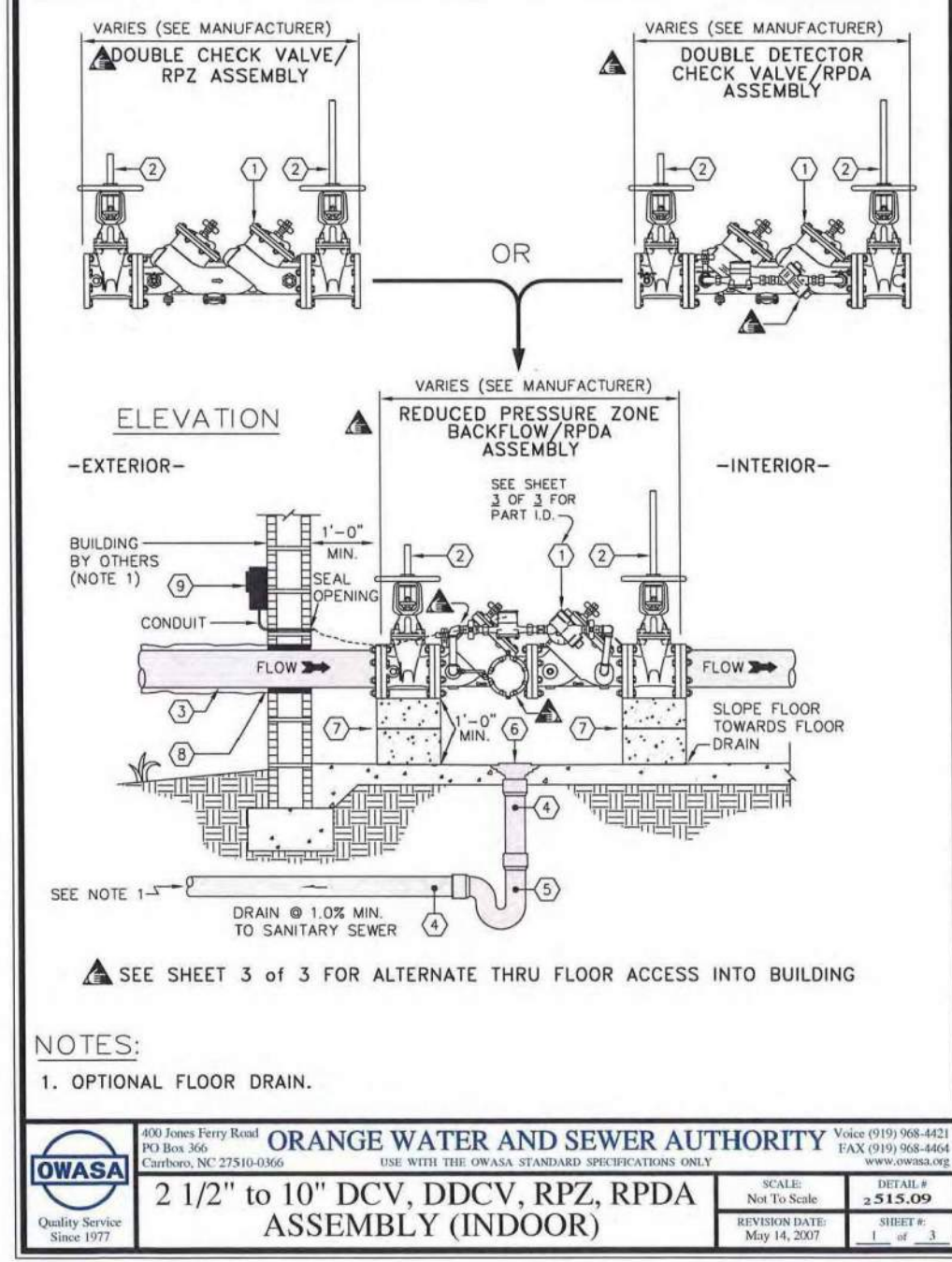
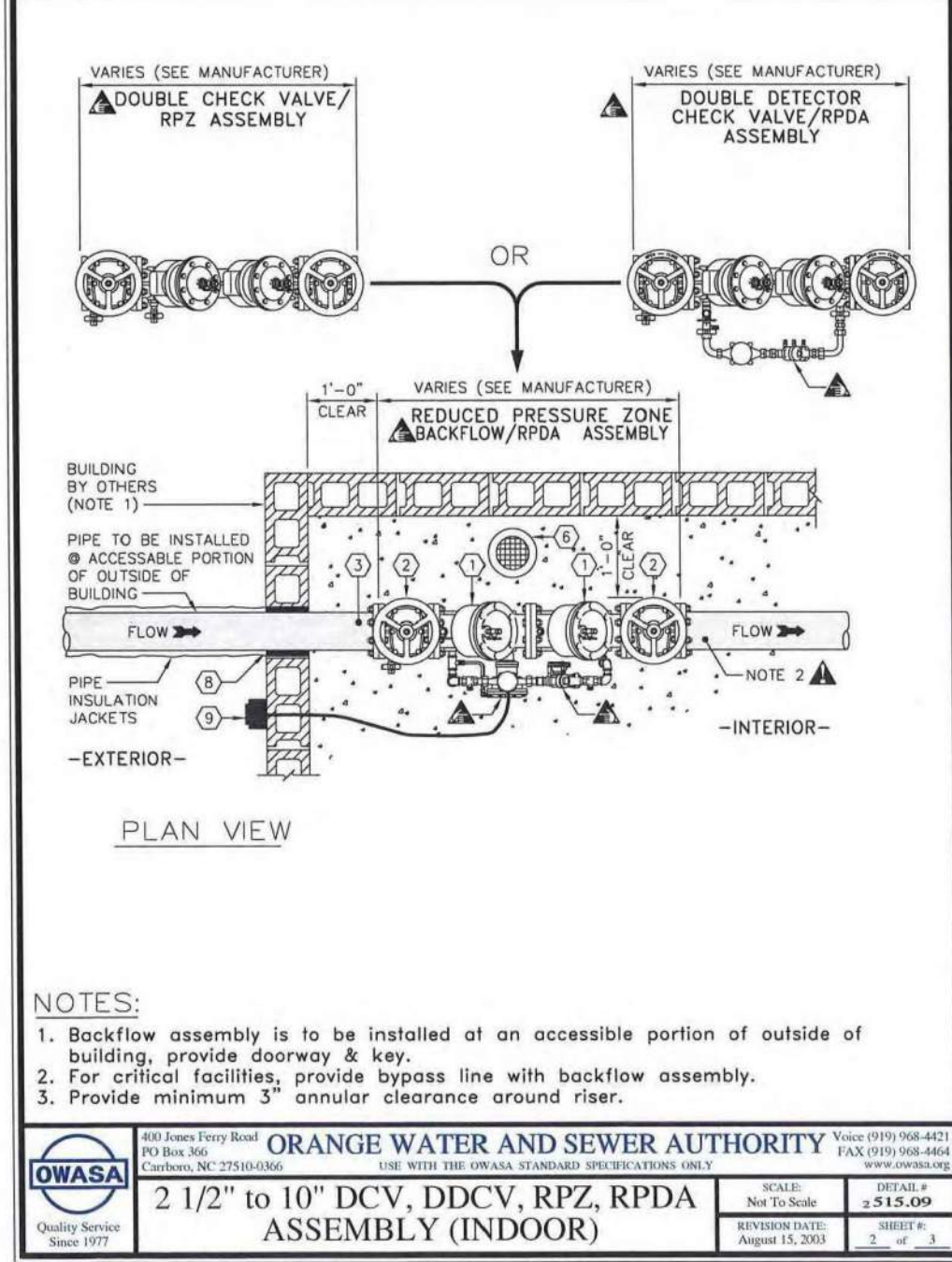
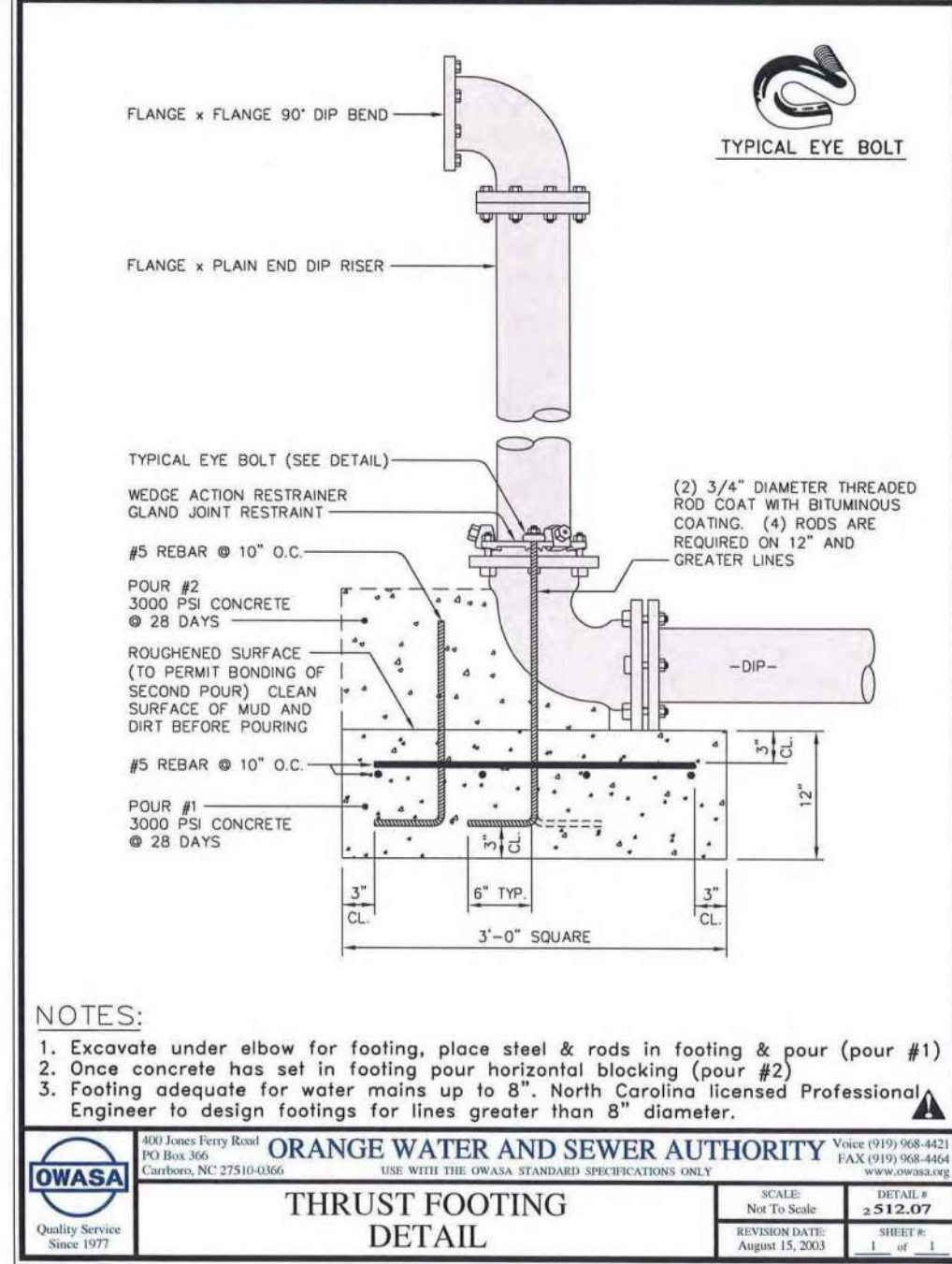
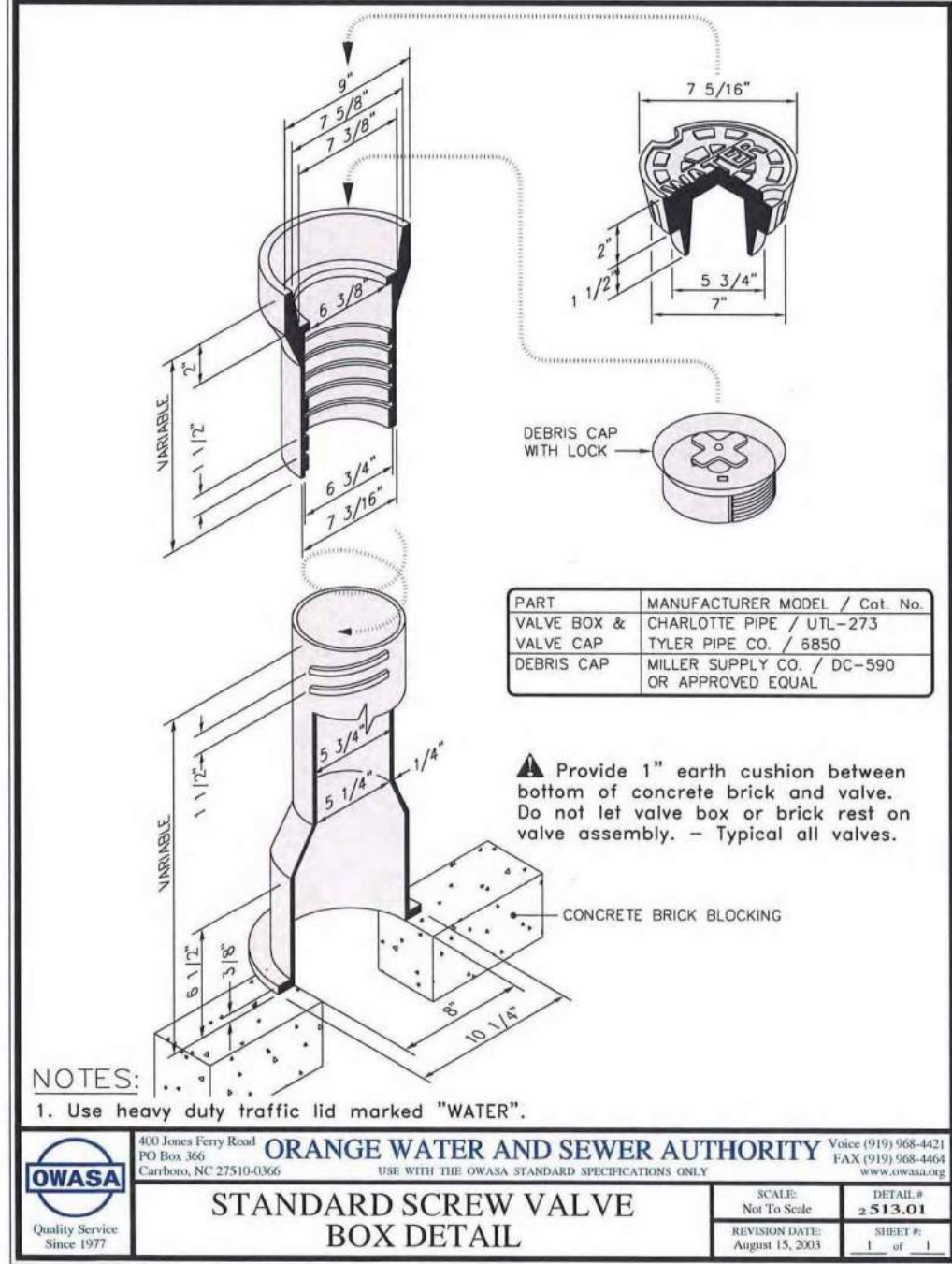
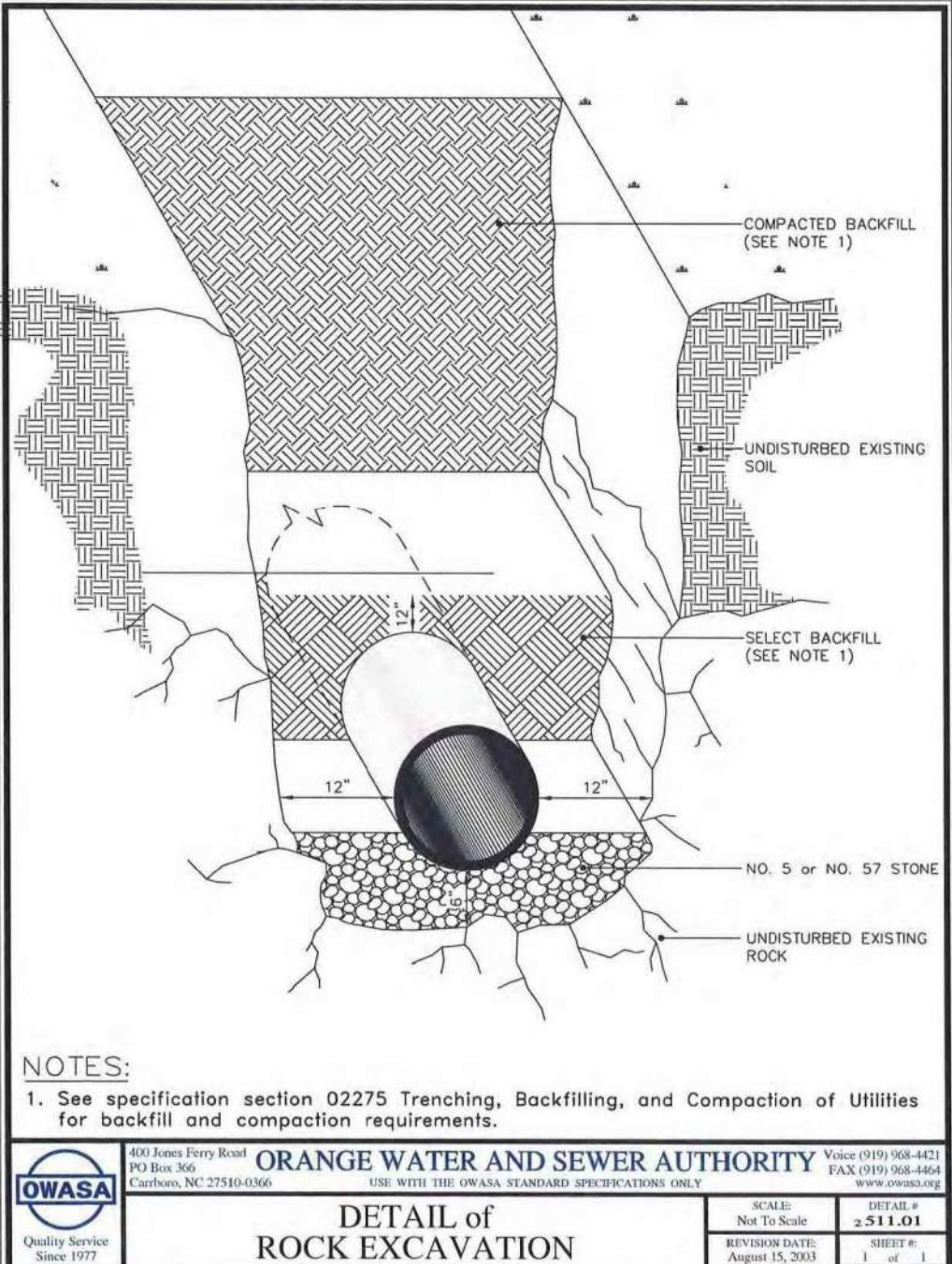
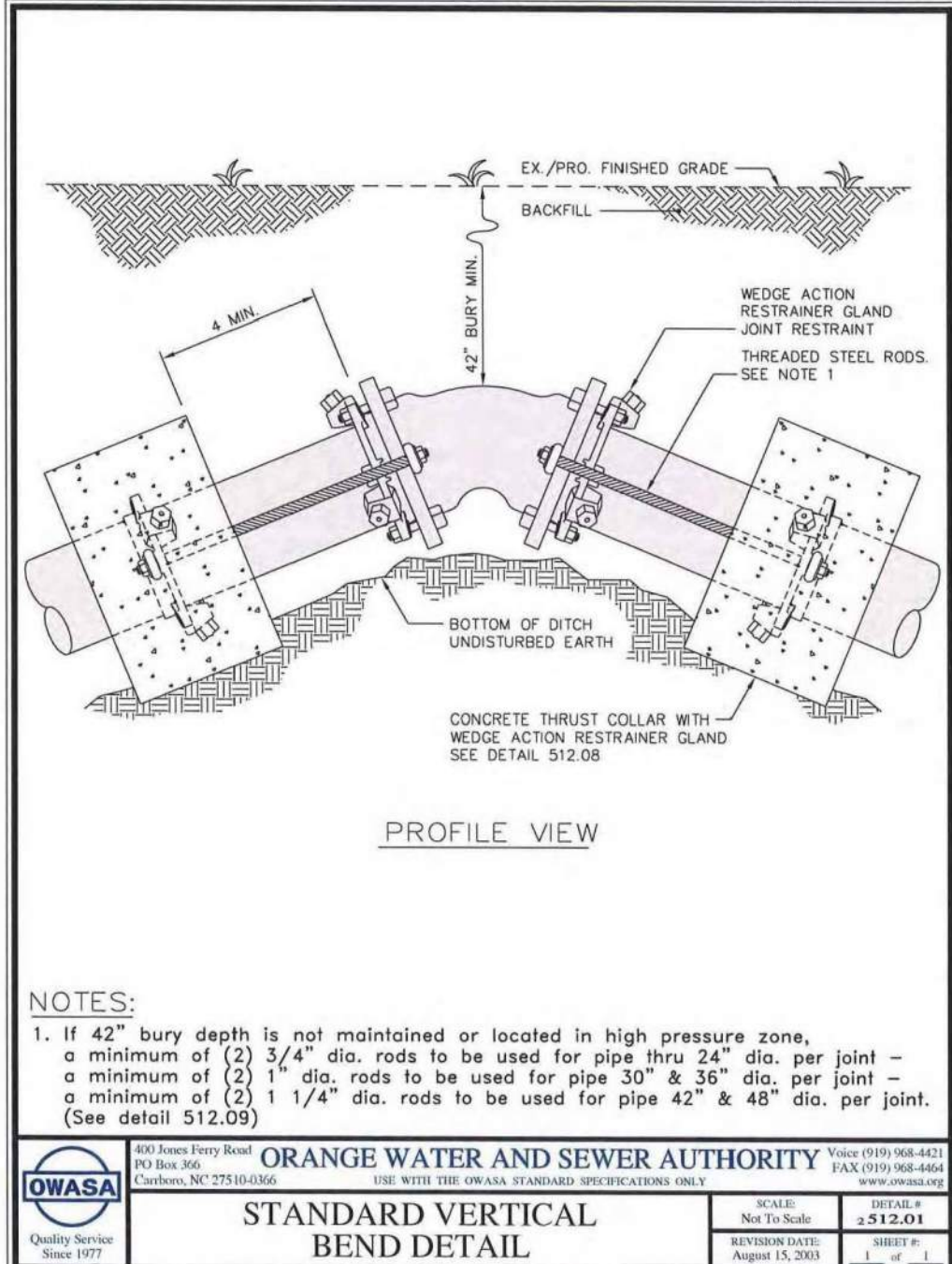
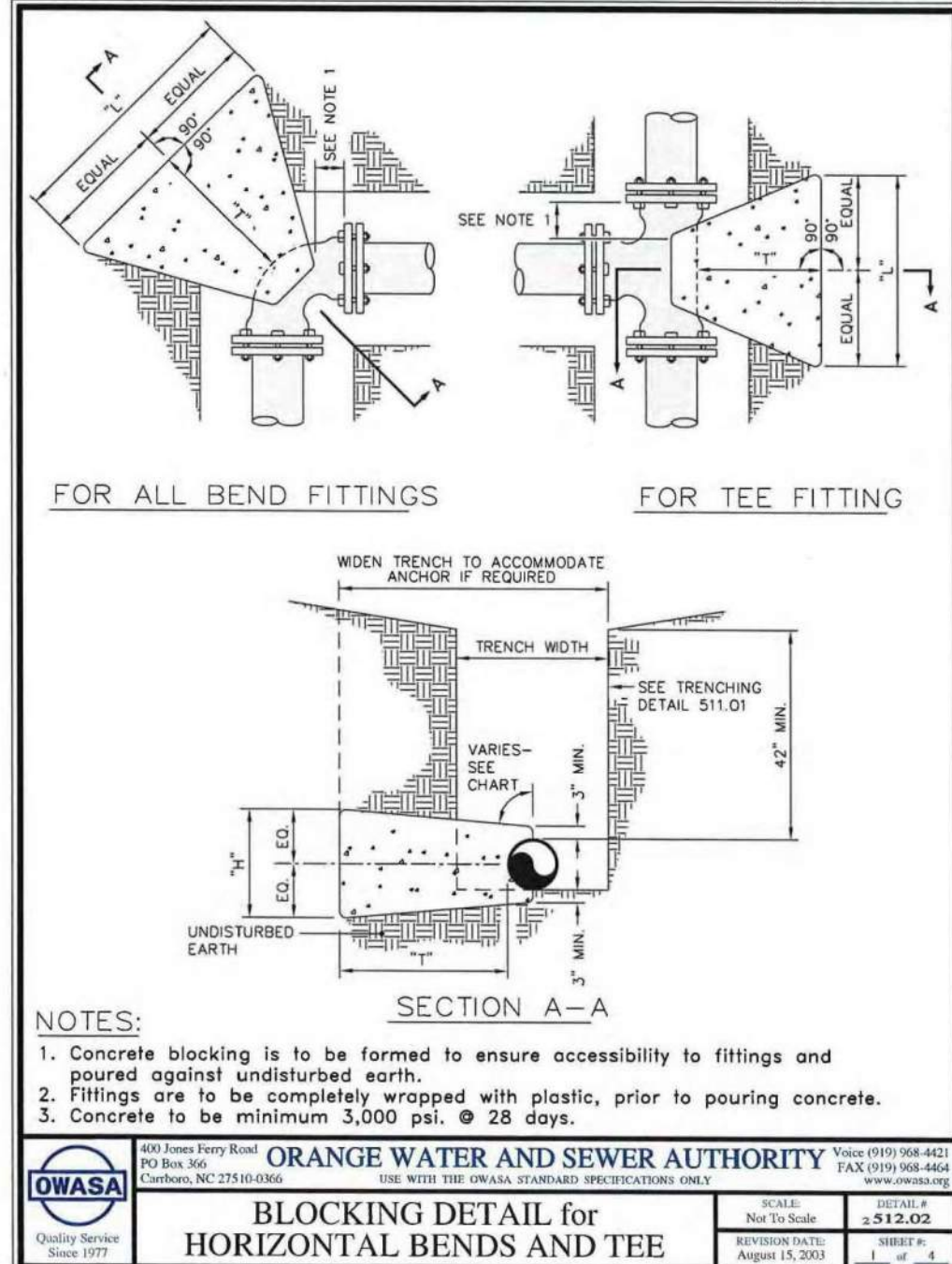
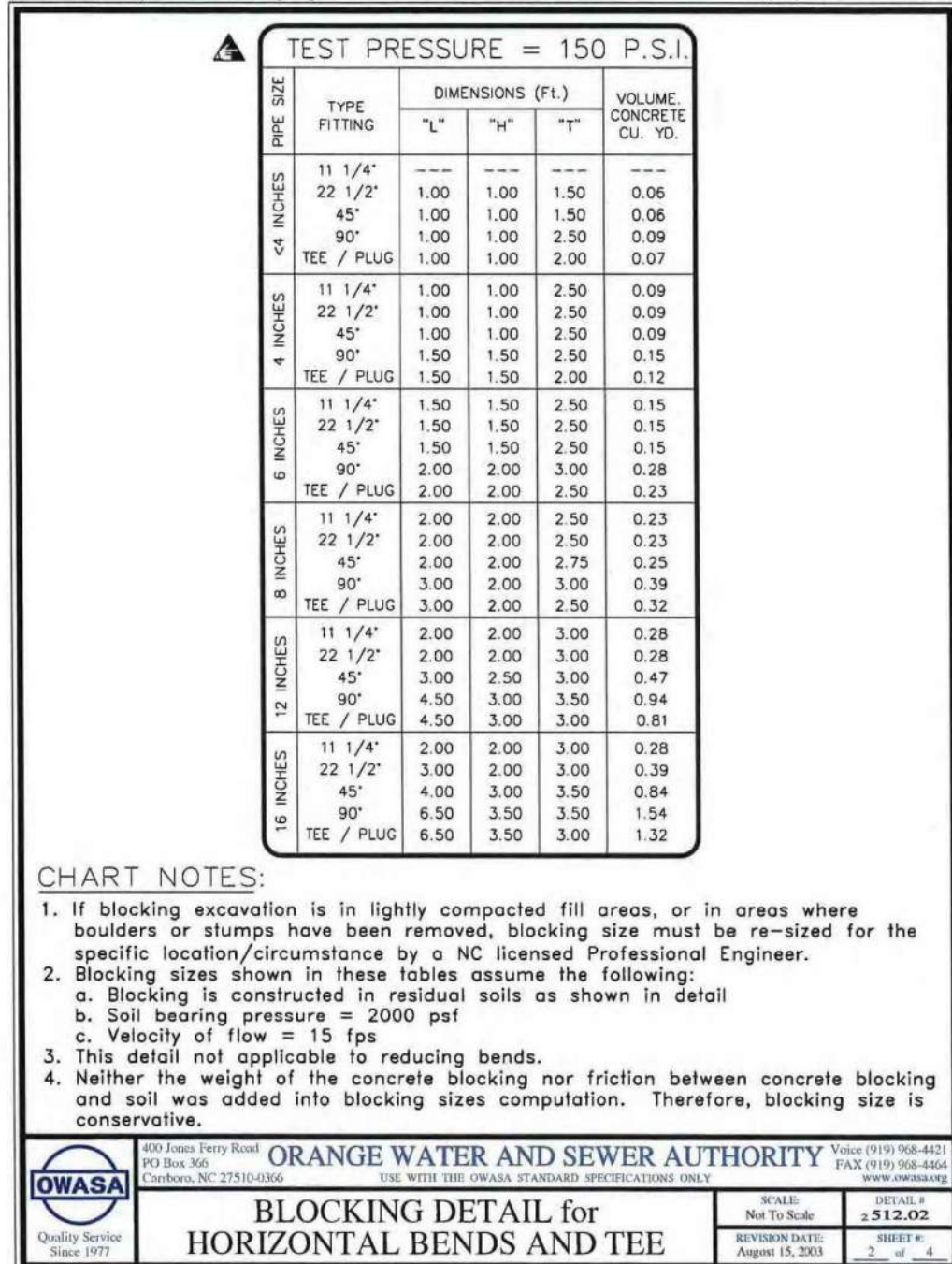
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OWASA DETAILS

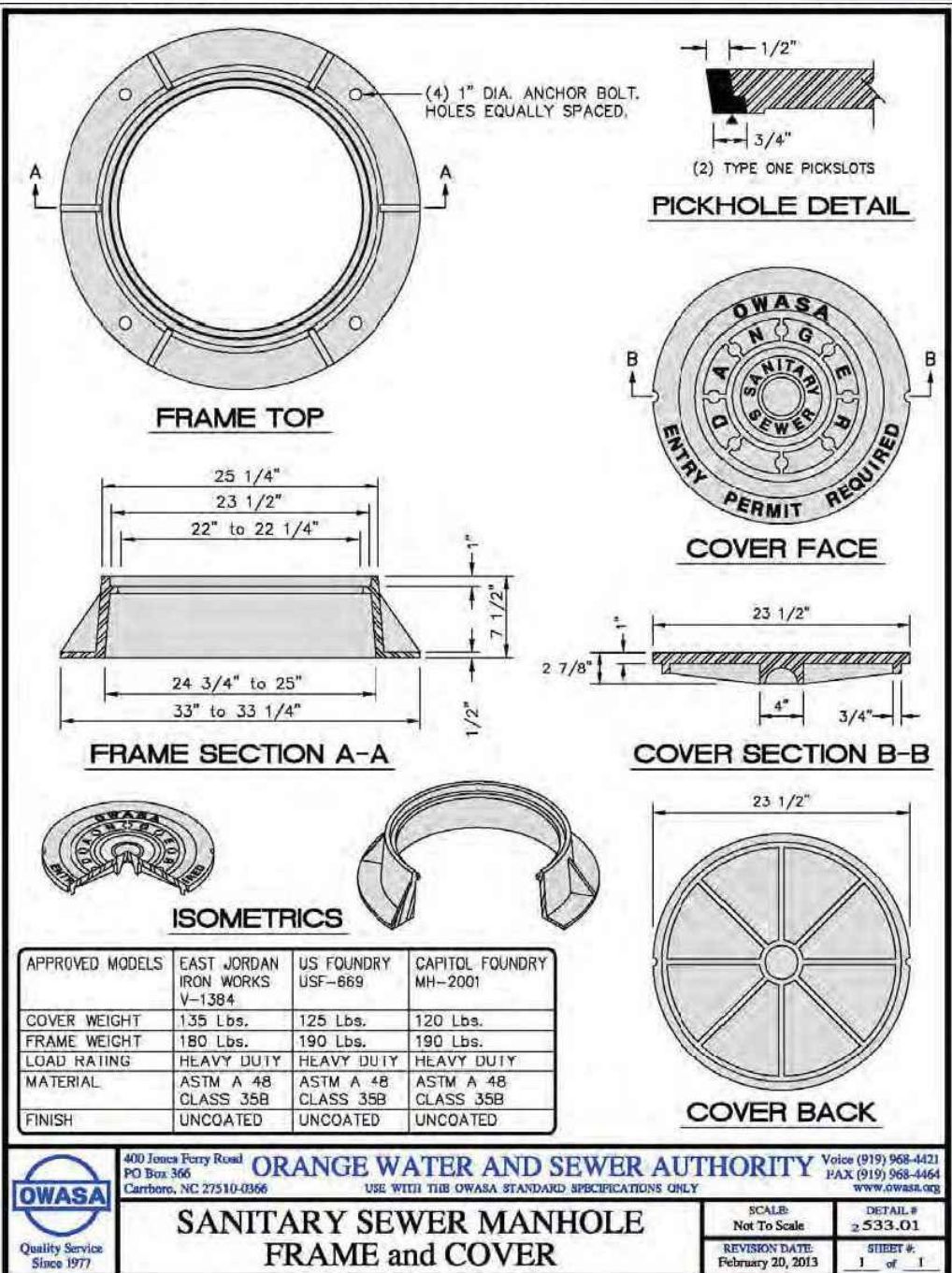
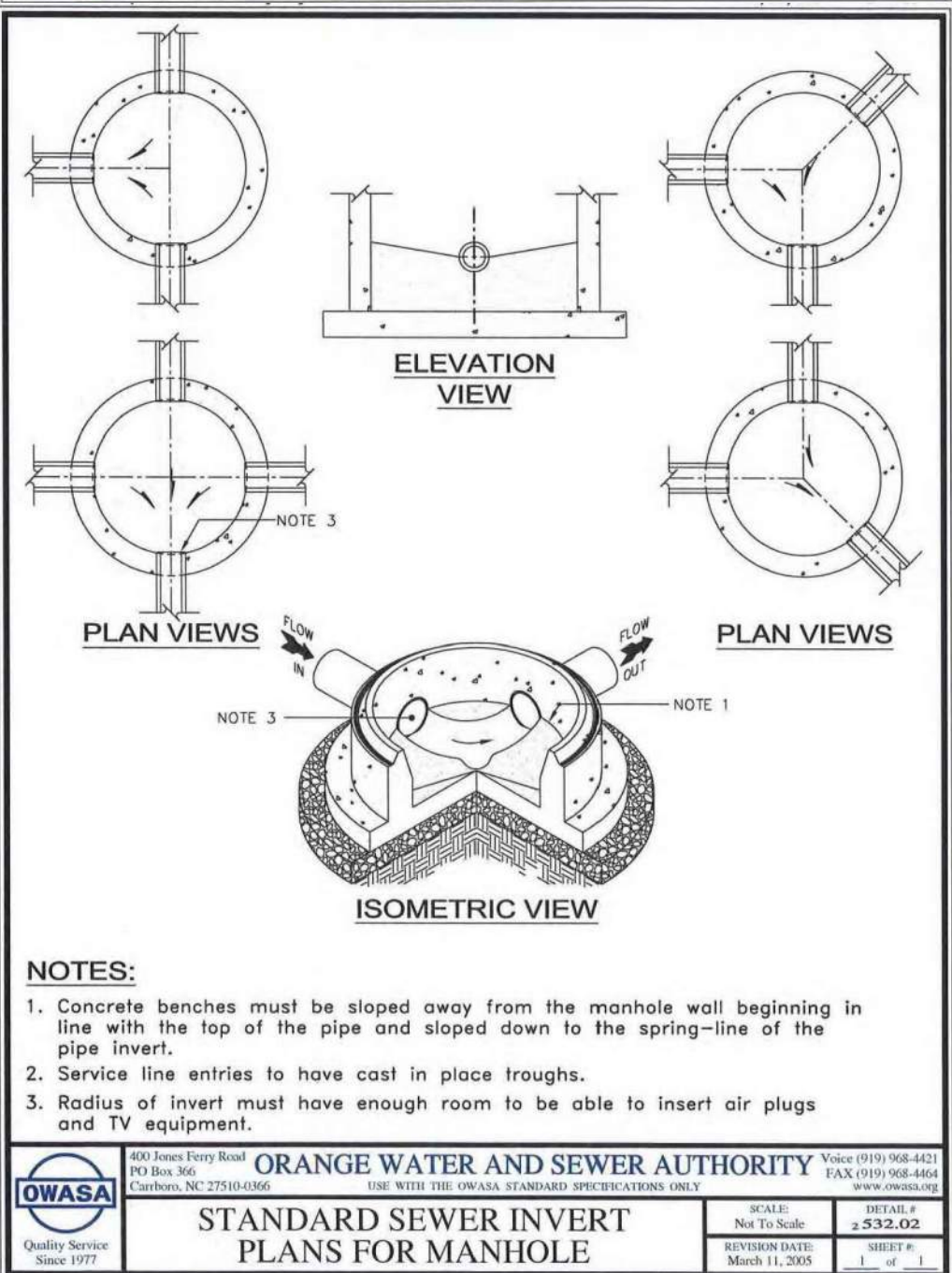
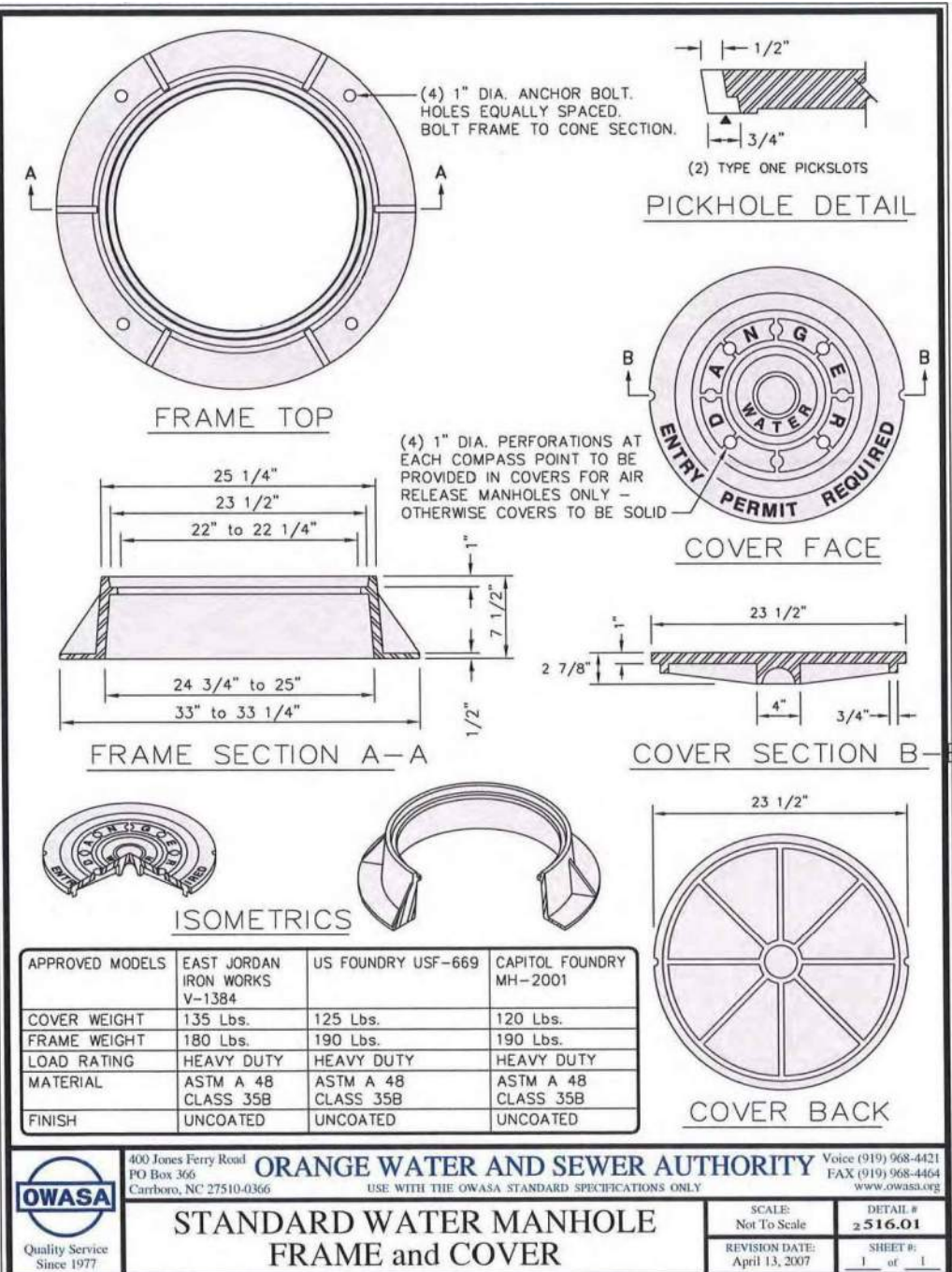
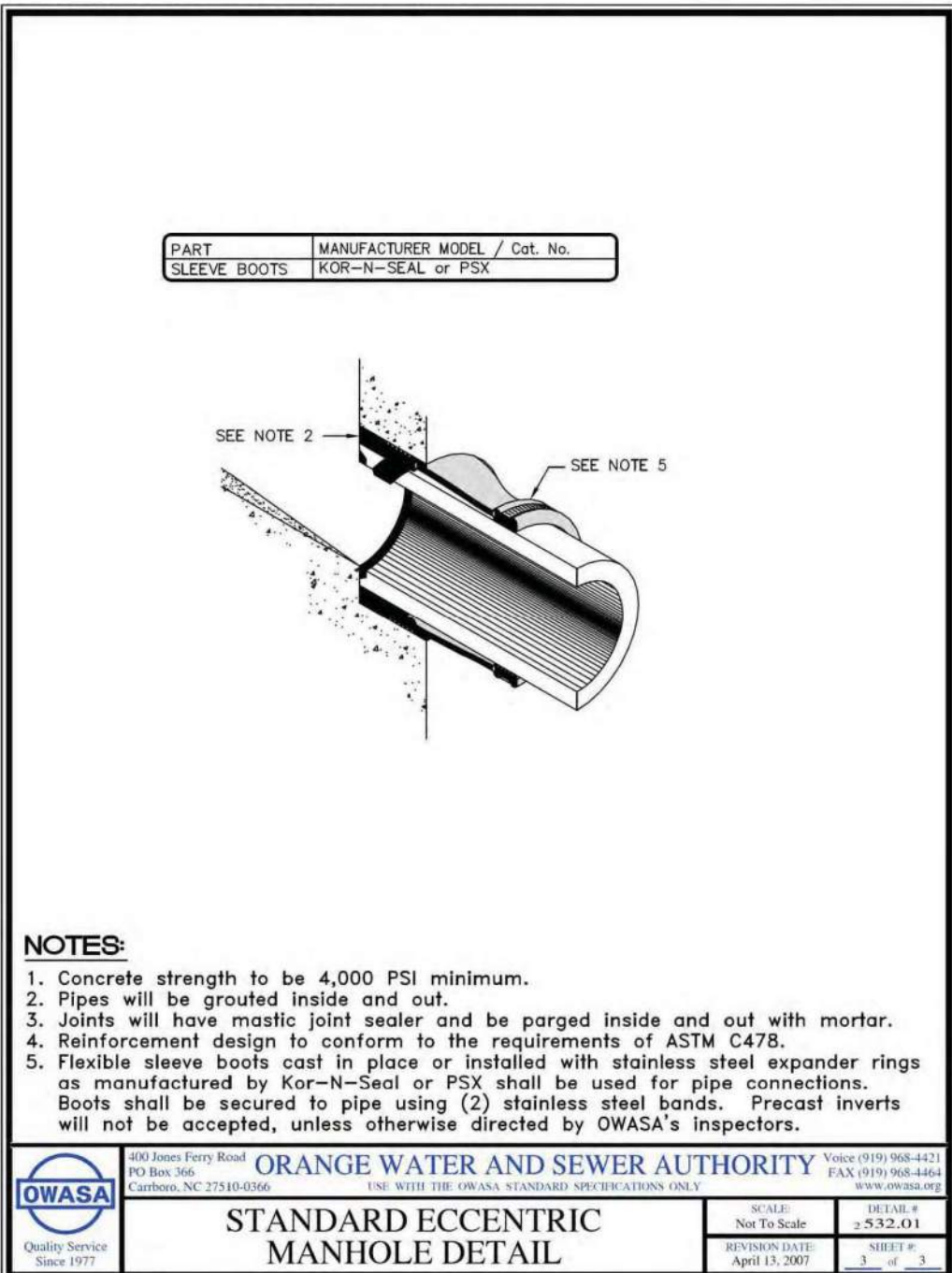
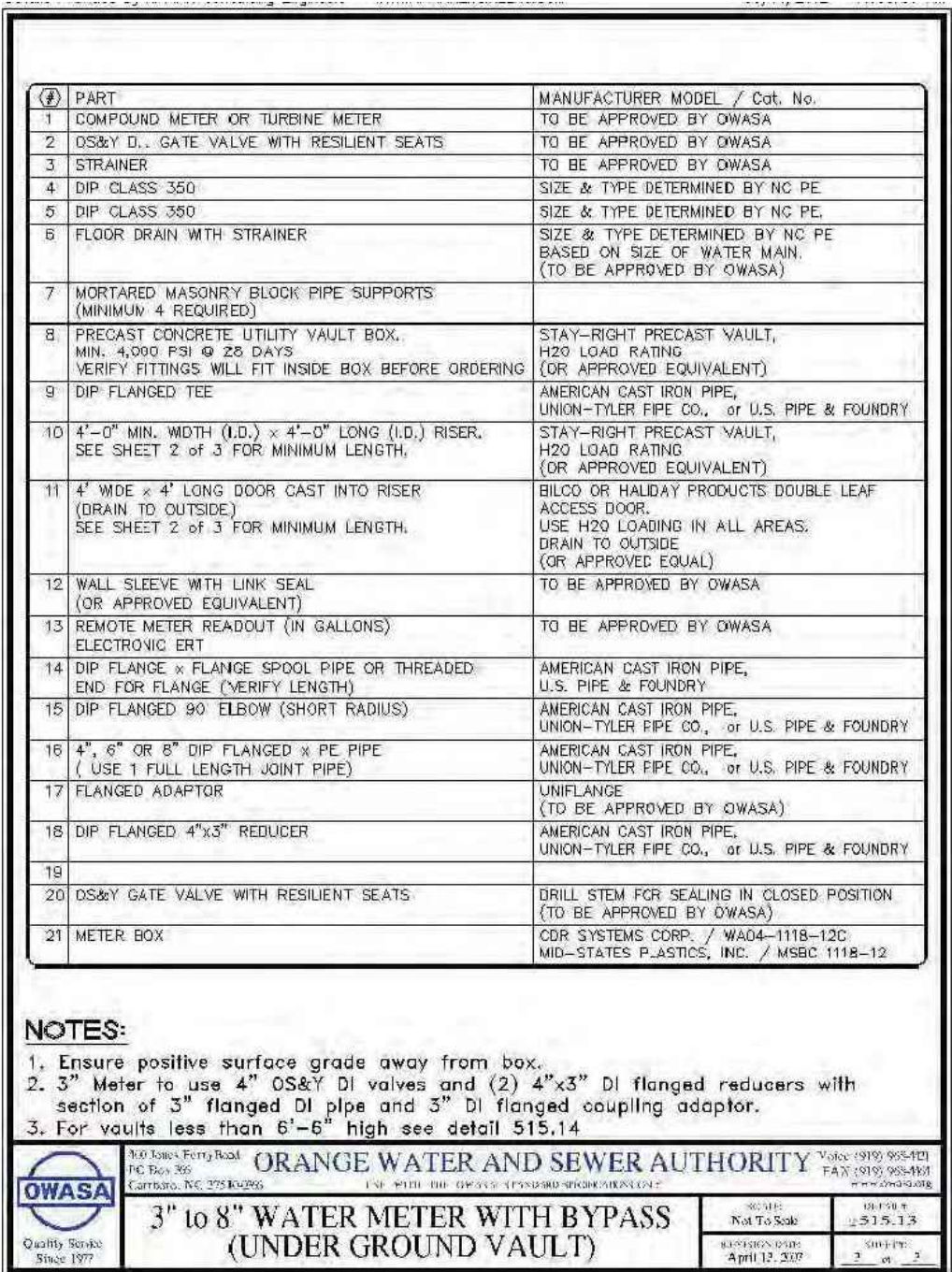
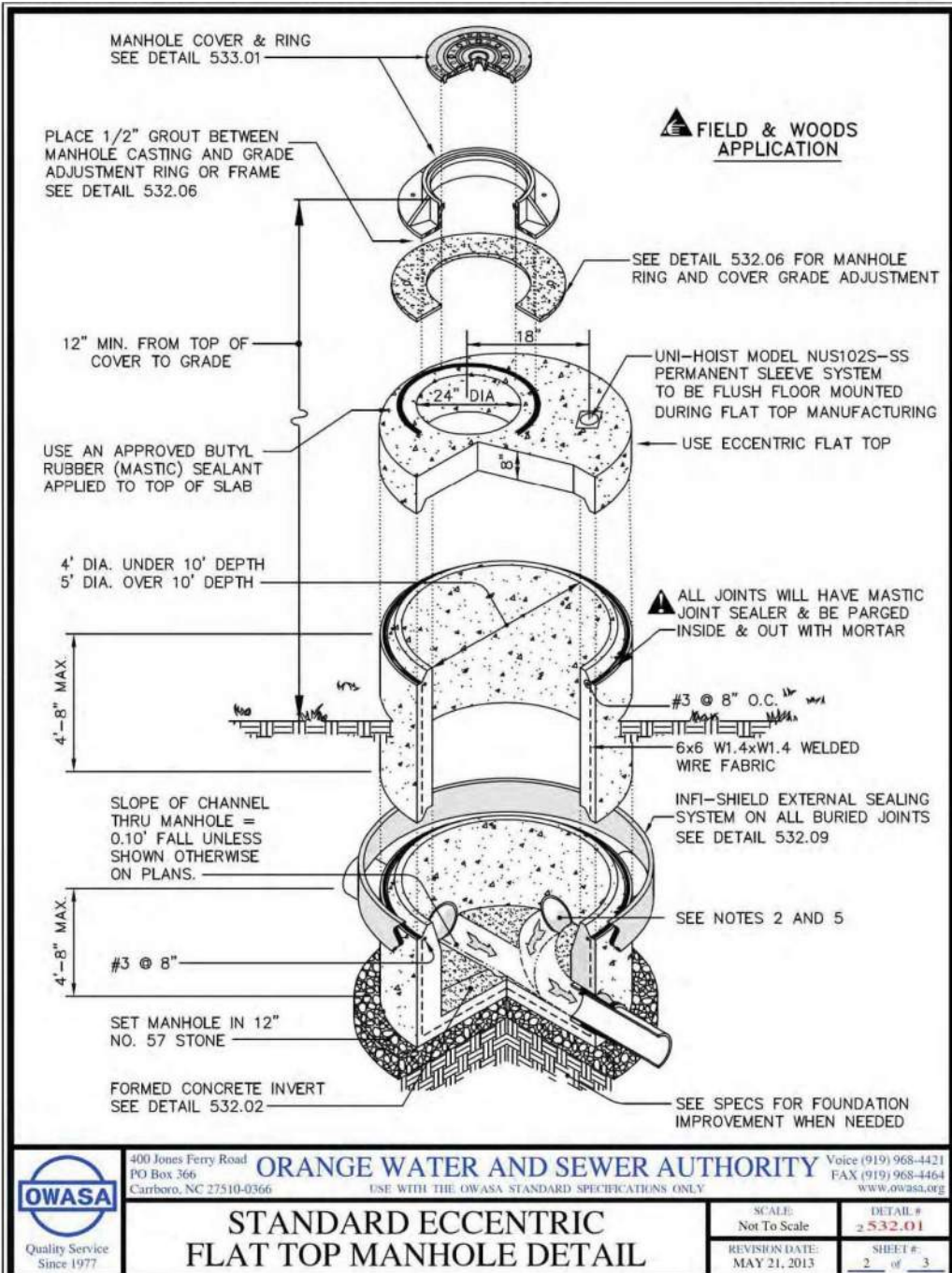
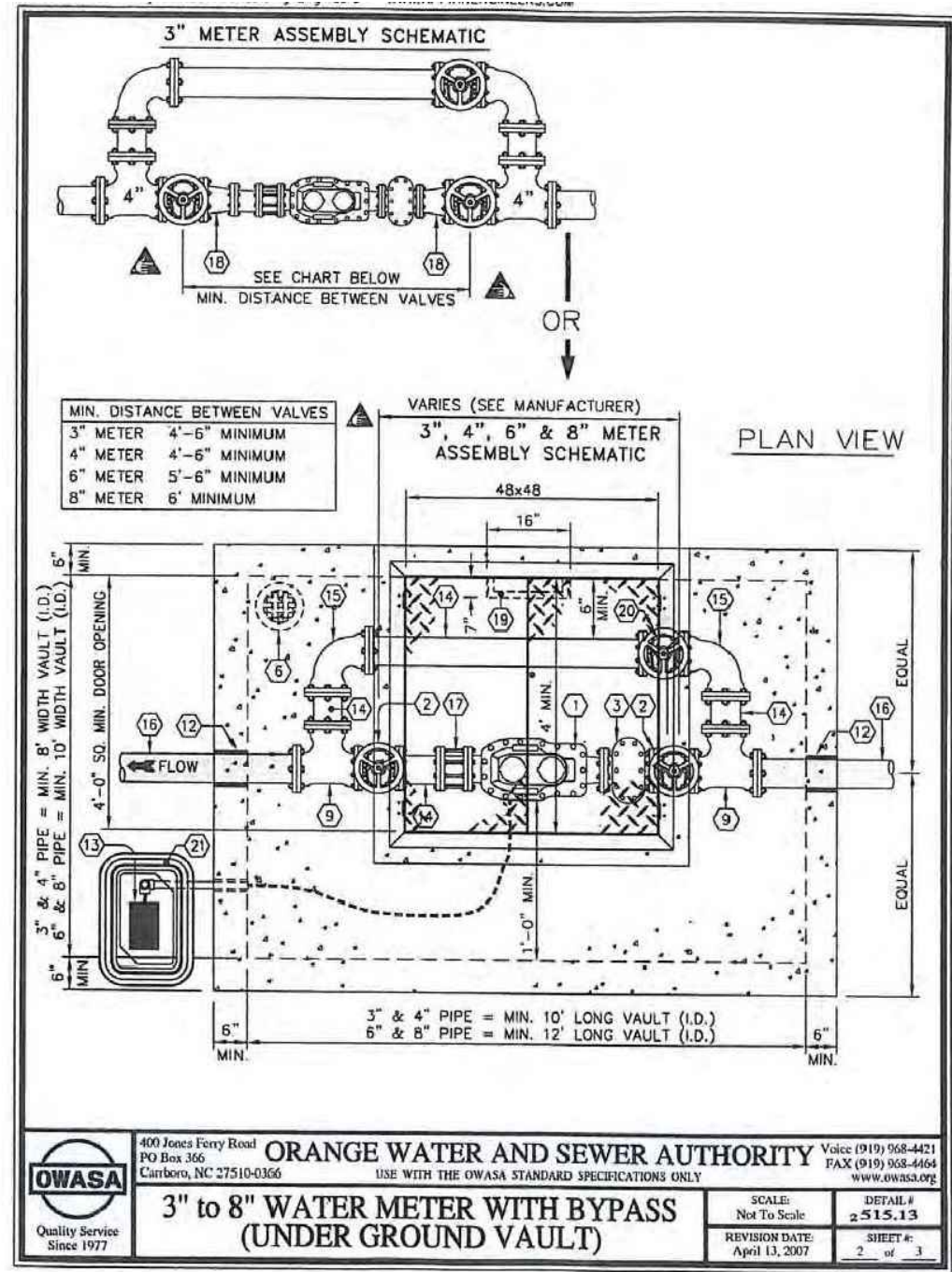
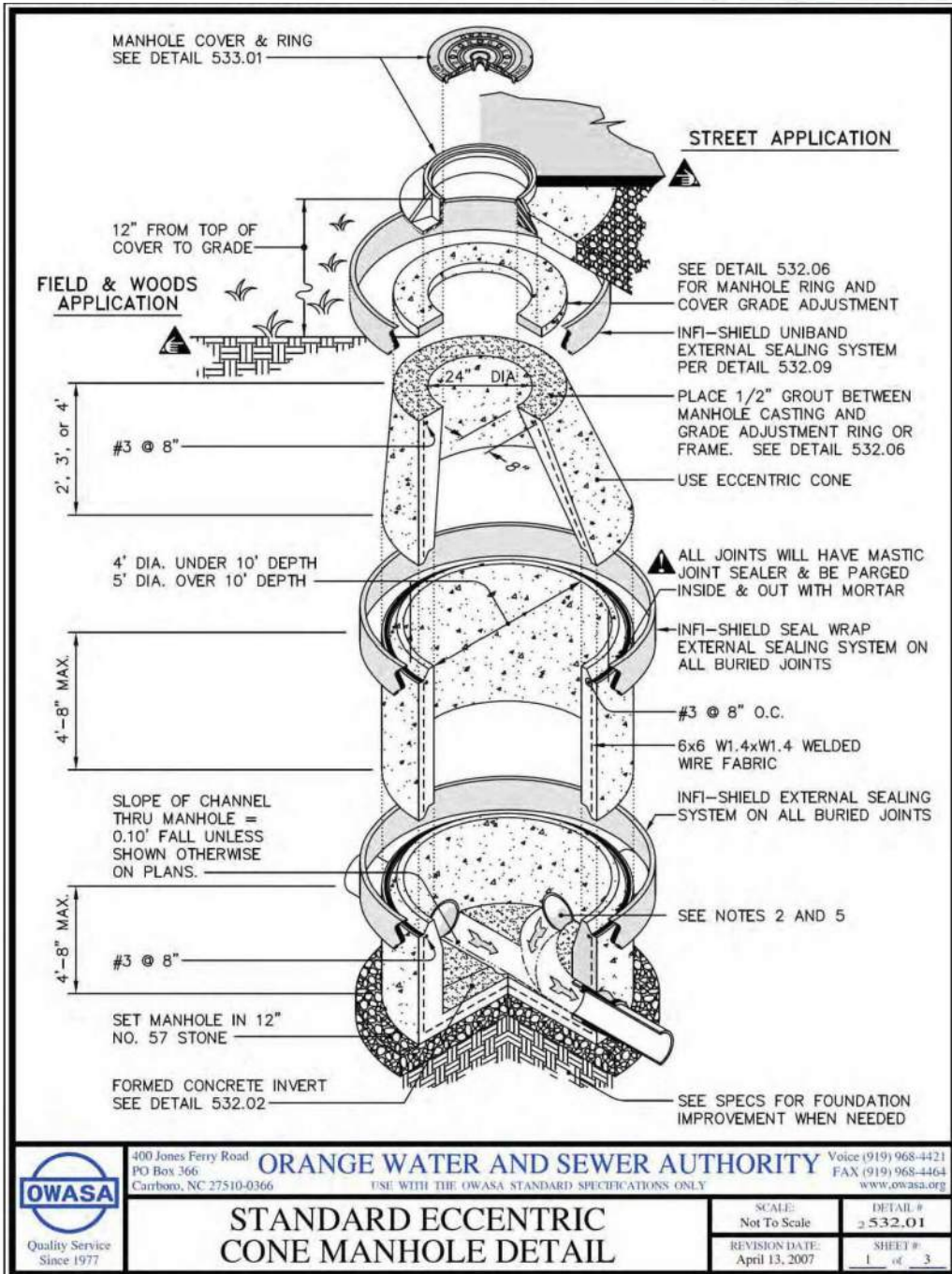
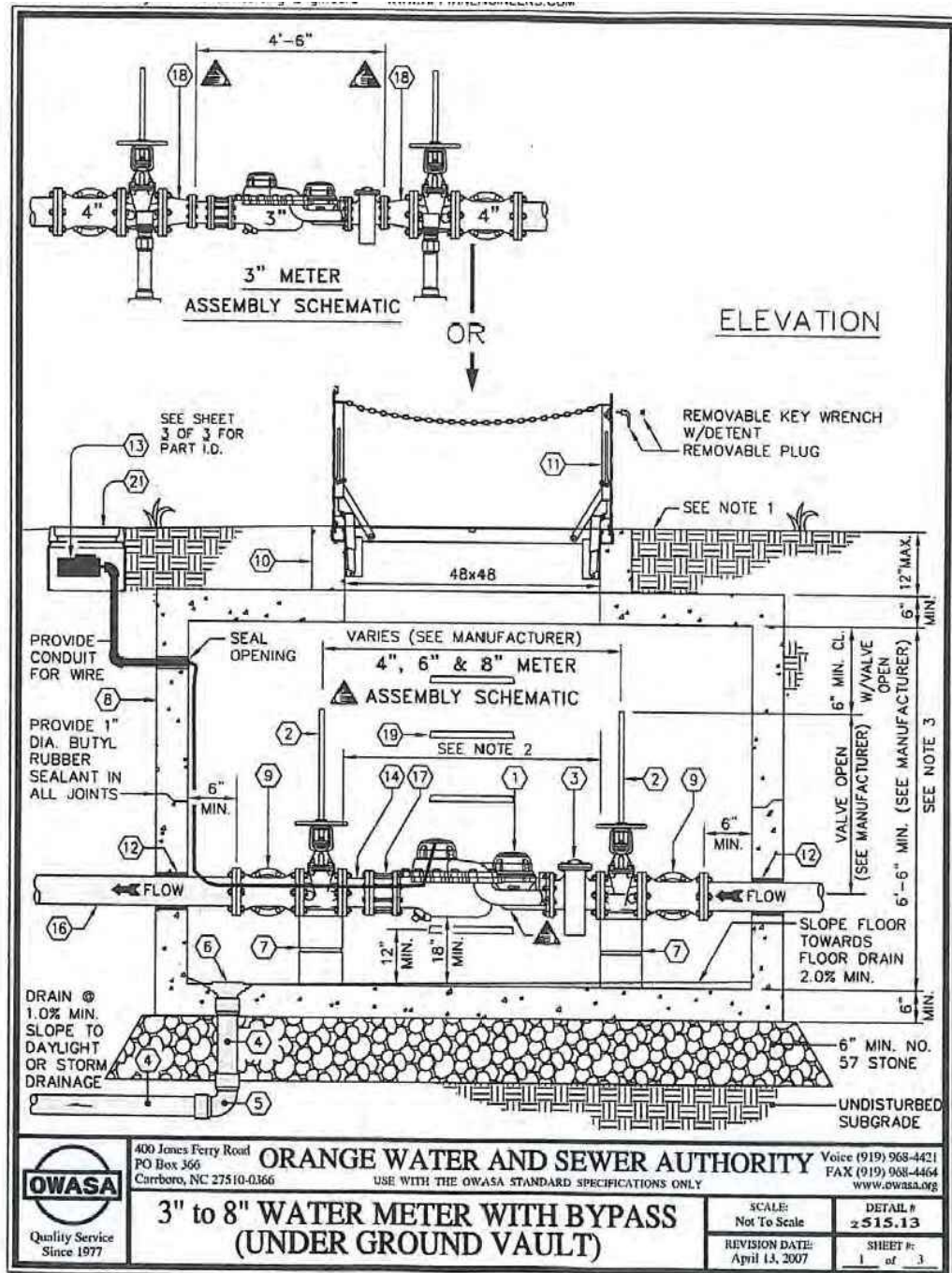
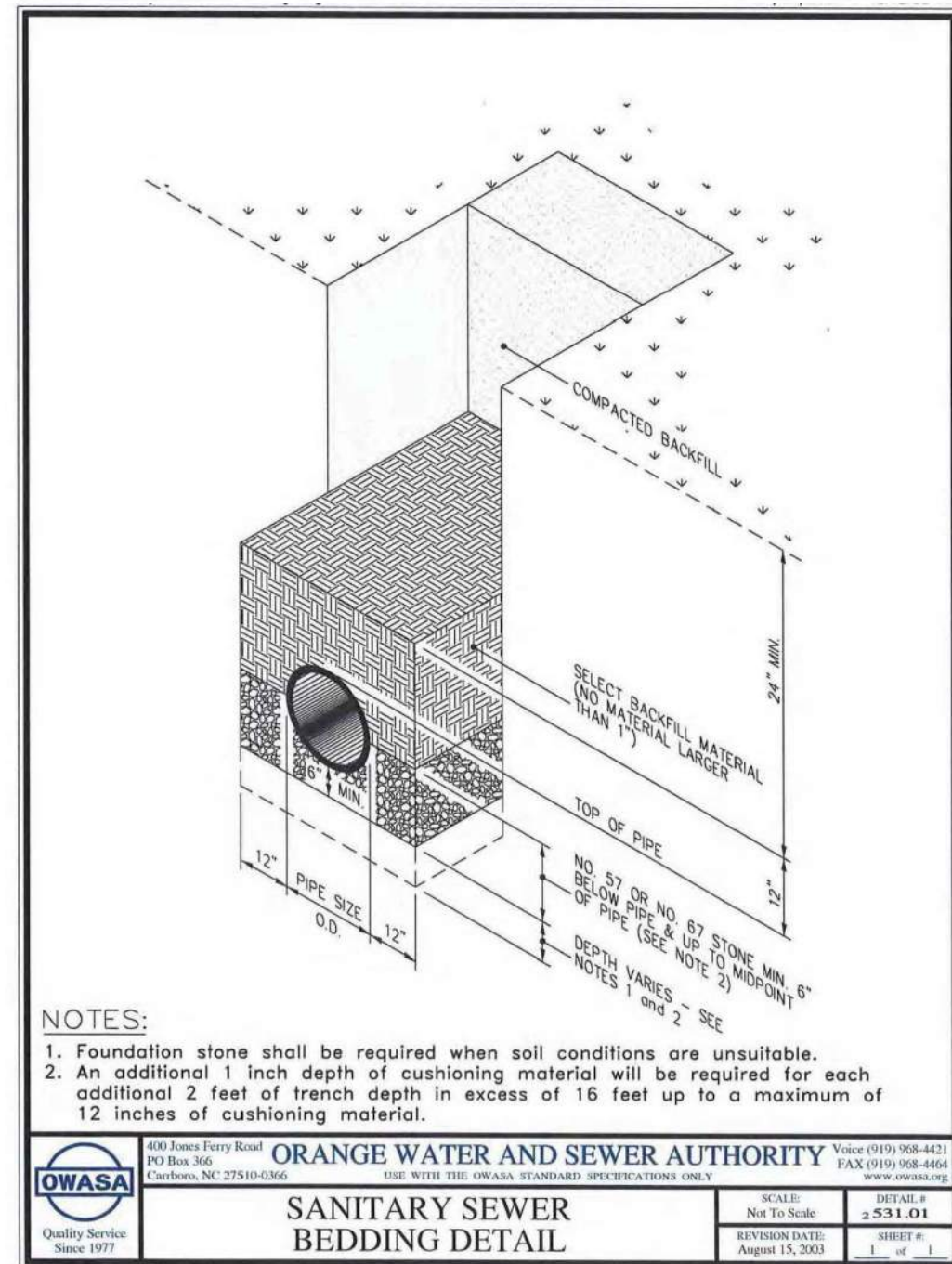
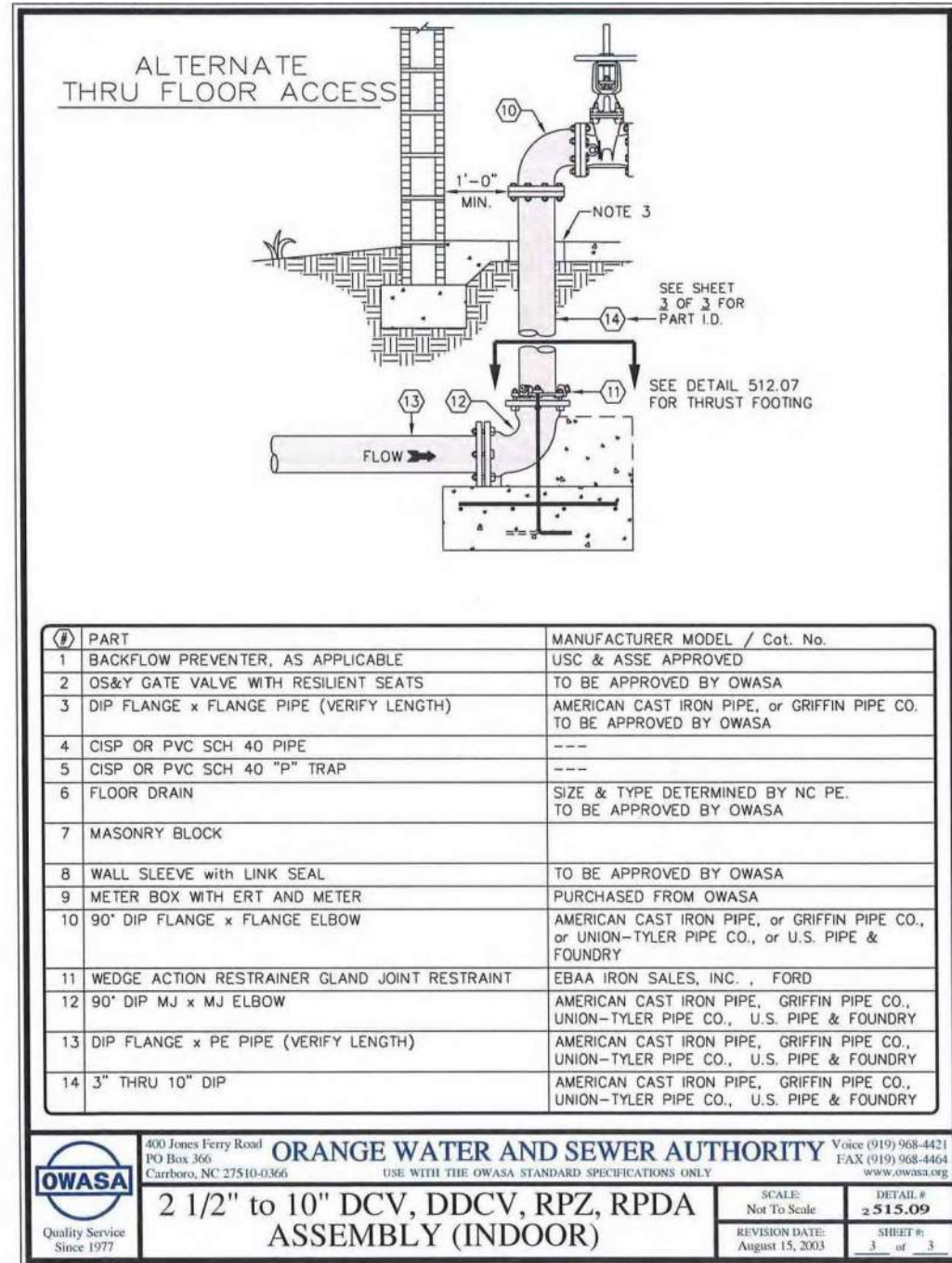
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ENGINEERING SIGNATURE:
DATE:

FINAL DRAWING - RELEASED FOR CONSTRUCTION



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TOWN OF CHAPEL HILL
CONSTRUCTION PLAN APPROVAL

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NO.	DATE	DESCRIPTION
1	03.30.2022	RESPONSE TO TOCH COMMENTS
2	05.26.2022	FINAL ZCP SUBMITTAL

PROJECT NO.	RAM-19000
FILENAME	RAM19000-D1
CHECKED BY	LAW
DRAWN BY	MRO
SCALE	N/A
DATE	05.26.2022

ZCP REVISION

UNIVERSITY PLACE

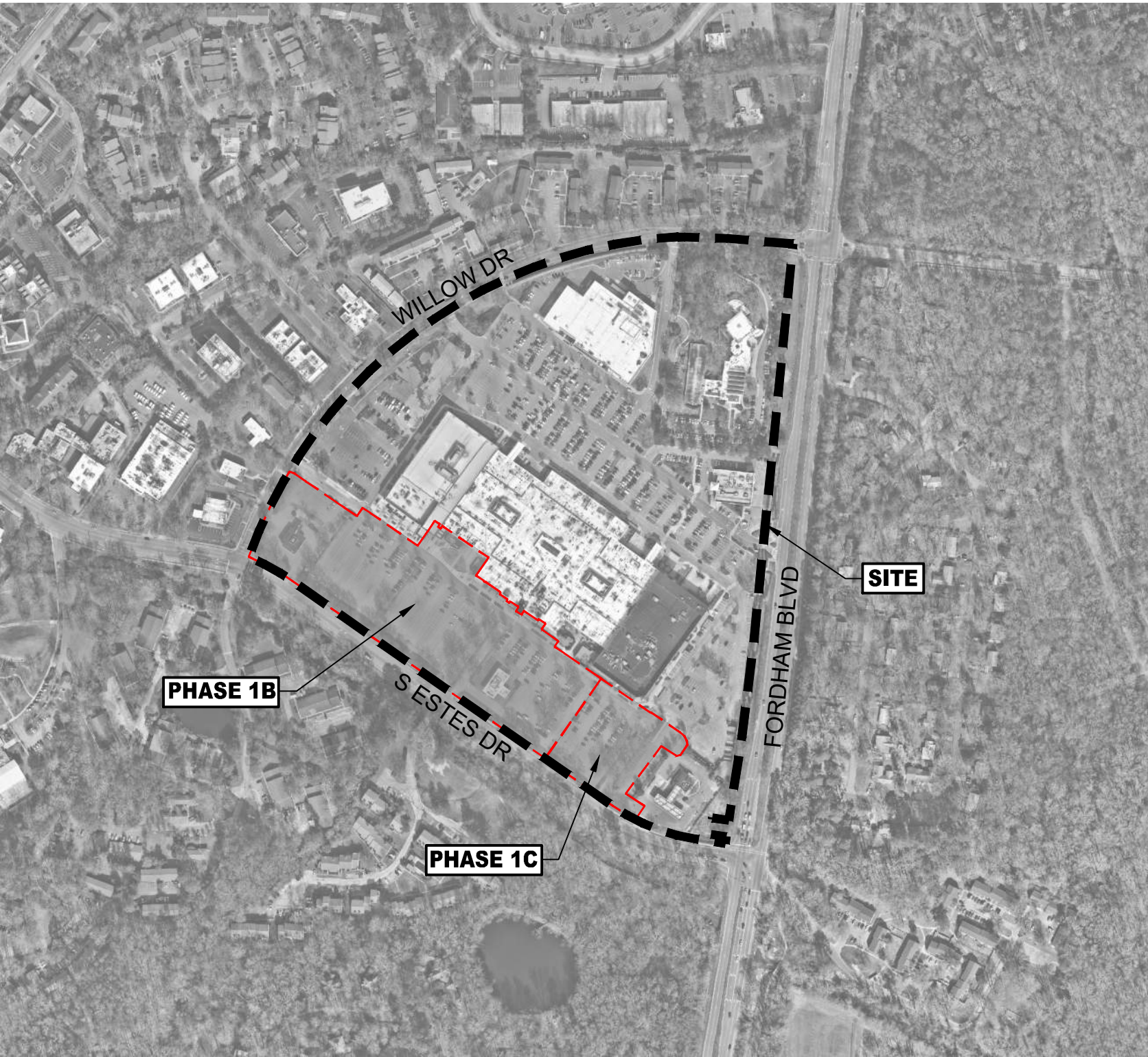
SITE IMPROVEMENTS

RETAIL SITE PHASE 1B + 1C

DATE: 05.20.2024

CHAPTER #	CHAPTER NAME
G	GENERAL
L1	MATERIALS
L2	LAYOUT
L3	GRADING
L4	REQUIRED PLANTING
L5	SUPPLEMENTAL PLANTING
L6	LIGHTING
L7	SITE SECTIONS + DETAILS

VICINITY MAP



PROJECT TEAM

OWNER/DEVELOPER

RAM REAL ESTATE
127 W. WORTHINGTON AVE.
SUITE 290
CHARLOTTE, NC 28203
704.377.6735

LANDSCAPE ARCHITECT

LANDDESIGN
223 NORTH GRAHAM STREET
CHARLOTTE, NC 28202
704.333.0325
CONTACT NAME: ADAM MCGUIRE

CIVIL ENGINEER

MCADAMS
2905 MERIDIAN PARKWAY
DURHAM, NC 27713
919.361.5000

ARCHITECT

BB+M ARCHITECTURE
1900 WEST MOREHEAD, SUITE 200
CHARLOTTE, NC 28208
704.334.1716

UNIVERSITY PLACE PHASE 1B/1C

LD PN 1019418

COVER

G0-00

LandDesign.

MATERIALS + PAVING NOTES:

1.

ALL MATERIALS, CONSTRUCTION METHODS, WORKMANSHIP, EQUIPMENT SERVICES AND TESTING FOR ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND THE GOVERNING AUTHORITIES' REQUIREMENTS. IN THE EVENT OF A CONFLICT BETWEEN THE PROJECT DOCUMENTS AND THE GOVERNING AUTHORITIES' REQUIREMENTS, THE MORE STRINGENT SHALL APPLY.
2.

SUBGRADE PREPARATION, PAVEMENT STRENGTH AND THICKNESS SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT.
- 2.1.

PROOF-ROLL SUBGRADE. PRIOR TO PREPARATION OF THE SUBBASE, THE SUBGRADE SHALL BE PROOF-ROLLED WITH HEAVY PNEUMATIC EQUIPMENT. ANY SOFT OR PUMPING AREAS SHALL BE EXCAVATED TO FIRM SUBGRADE AND BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
- 2.2.

PAVEMENT SUBGRADE SHALL BE GRADED TO PREVENT PONDING AND INFILTRATION OF EXCESSIVE MOISTURE ON OR ADJACENT TO THE PAVEMENT SUBGRADE.
3.

THE USE OF "LEVEL UP" SAND UNDER PAVEMENT WILL NOT BE ACCEPTED, UNLESS NOTED OTHERWISE..
4.

CONCRETE SHALL NOT BE PLACED WHEN THE TEMPERATURE IS BELOW 40 DEGREES FAHRENHEIT AND FALLING, BUT MAY BE PLACED WHEN THE TEMPERATURE IS ABOVE 35 DEGREES FAHRENHEIT AND RISING. THE TEMPERATURE READING SHALL BE TAKEN IN THE SHADE AWAY FROM ARTIFICIAL HEAT.
- 4.1.

DO NOT PLACE CONCRETE WHILE IT IS RAINING OR WHEN RAIN IS IMMINENT.
5.

CAST IN PLACE CONCRETE SHALL MEET THE FOLLOWING REQUIREMENTS:
- 5.1.

MINIMUM 3,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, UNLESS NOTED OTHERWISE.
- 5.2.

AGGREGATES: ASTM C33 MAX 3/4" IN SIZE, UNLESS NOTED OTHERWISE
- 5.3.

SLUMP: 3 TO 5 INCHES
- 5.4.

AIR CONTENT: 4 TO 6 PERCENT BY VOLUME
6.

CONCRETE THICKNESS:
- 6.1.

PEDESTRIAN AREA: 4" THICK, UNLESS NOTED OTHERWISE.
- 6.2.

ALL OTHER CONCRETE COMPONENTS INSTALL PER SIZE SPECIFIED IN DRAWINGS
7.

CONCRETE REINFORCING:
- 7.1.

4" THICK PAVING: #3s AT 24" SPACING UNLESS NOTED OTHERWISE IN DRAWINGS
- 7.2.

6" THICK PAVING: #4s AT 24" SPACING UNLESS NOTED OTHERWISE IN DRAWINGS
- 7.3.

8" THICK PAVING: #5s AT 24" SPACING UNLESS NOTED OTHERWISE IN DRAWINGS
- 7.4.

ALL PAVEMENT REINFORCING BARS SHALL BE GRADE 60 KSI DEFORMED BILLET STEEL BARS, UNCOATED FINISH. SIZE AND SPACING SHALL BE IN ACCORDANCE WITH THE PAVING PLAN AND DETAILS.
- 7.5.

ALL REINFORCING STEEL AND DOWEL BARS IN PAVEMENT SHALL BE SUPPORTED AND MAINTAINED AT THE CORRECT CLEARANCES BY THE USE OF BAR CHAIRS.
8.

CONTROL JOINTS (TROWEL OR SAW CUT)
- 8.1.

TO BE PLACED AS INDICATED ON PLANS AND DETAILS TO A MINIMUM DEPTH OF 1/8 OF CONCRETE THICKNESS.
- 8.2.

SAW CUT JOINTS TO BE EXECUTED WITHIN 12 HOURS OF CONCRETE PLACEMENT.
- 8.3.

SAWN JOINTS ARE TO BE TRUE IN ALIGNMENT AND SHALL CONTINUE THROUGH ADJACENT CURBS. RADIAL JOINTS SHALL BE NO SHORTER THAN 18".
9.

EXPANSION JOINTS
- 9.1.

PLACE AT A MAXIMUM SPACING OF 30' O.C. AND COORDINATE WITH OVERALL PAVING PATTERN AND COLOR.
- 9.2.

PROVIDE DOWELS AS SPECIFIED IN DRAWING DETAILS.
- 9.3.

EXPANSION JOINTS TO BE CLEARED OF DEBRIS, DIRT, DUST, SCALE, CURING COMPOUND AND CONCRETE, BLOWN DRY AND IMMEDIATELY SEALED WITH A SELF-LEVELING, ELASTOMERIC POLYURETHANE OR EQUIVALENT. SEALANT COLOR SHALL MATCH PAVEMENT.
- 9.4.

CONTRACTOR SHALL PREPARE A JOINT LAYOUT AND PROVIDE IT TO THE ENGINEER FOR REVIEW. THE JOINT LAYOUT SHALL BE PROVIDED A MINIMUM OF ONE WEEK PRIOR TO PLACING CONCRETE. PATTERN SHALL BE CAREFULLY DESIGNED BY THE CONTRACTOR TO AVOID IRREGULAR SHAPES. EXPANSION JOINTS SHALL NOT BE LOCATED ALONG VALLEYS IN PAVEMENT.
10.

ALL CONSTRUCTION JOINTS SHALL BE SAWN, CONCRETE FINISHES TO BE PER DRAWING DETAILS AND SPECIFICATIONS.
11.

CONCRETE SHALL BE BROOM FINISHED AND CURED FOR A MINIMUM OF 72 HOURS UNLESS NOTED OTHERWISE.
12.

BREAKOUTS FOR REMOVAL OF EXISTING PAVEMENT AND CURBS SHALL BE MADE BY FULL DEPTH SAW CUT WHEN ADJACENT TO PROPOSED PAVEMENT AND/OR CURBS.
13.

PROPOSED PAVEMENT AND/OR CURBS INTENDED TO TIE INTO EXISTING SHALL MATCH SHALL MATCH THE ELEVATION OF EXISTING PAVEMENT AND/OR CURBS.
14.

PAVEMENT MARKINGS - REFER TO CIVIL ENGINEERING PLANS.
- 14.1.

ALL ACCESSIBLE PAVEMENT MARKINGS SHALL COMPLY WITH ADAAG STANDARDS AND STATE AND LOCAL CODES.
15.

CONTRACTOR SHALL REFER TO THE SITE CIVIL, MEP AND IRRIGATION PLANS FOR CONDUIT TO BE INSTALLED UNDER PAVEMENT PRIOR TO COMMENCING PAVEMENT SUBGRADE PREPARATION.
16.

ALL TESTING SHALL BE PERFORMED BY A QUALIFIED TESTING LABORATORY, EMPLOYED AND PAID DIRECTLY BY THE OWNER, UNLESS NOTED OTHERWISE. TESTING SHALL BE PERFORMED, AT A MINIMUM, IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT. IN THE EVENT THE RESULTS OF THE INITIAL TESTING DO NOT COMPLY WITH THE PLANS AND THE SPECIFICATIONS, SUBSEQUENT TEST NECESSARY TO DETERMINE THE ACCEPTABILITY OF CONSTRUCTION SHALL BE AT THE CONTRACTOR'S EXPENSE. PAVEMENT FOUND TO BE DEFICIENT IN STRENGTH OR THICKNESS SHALL BE REMOVED AND REPLACED SOLELY AT THE EXPENSE OF THE CONTRACTOR.

ACCESSIBILITY NOTES:

1.

MAX CROSS SLOPE ON PAVED SURFACES SHALL BE 2% MAXIMUM, UNLESS NOTED OTHERWISE.
2.

MAX RUNNING SLOPE ON PAVED SURFACES SHALL BE 5% MAXIMUM, UNLESS NOTED OTHERWISE.
3.

ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM, AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". CONTRACTOR SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
4.

ALL CURB RAMPS SHALL BE BROOM FINISHED PERPENDICULAR TO SLOPE. ALL CURB RAMPS SHALL HAVE A 1:12 MAX SLOPE IN THE DIRECTION OF TRAVEL, 2% MAX CROSS SLOPE.
5.

IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO COMPLY WITH ALL APPROPRIATE FAIR HOUSING ACCESSIBILITY GUIDELINES AND GENERAL NOTES FOR PUBLIC AND COMMON USE FACILITIES. REPORT ANY DISCREPANCIES TO LANDESIGN.

PLANTING NOTES:

1.

ALL QUANTITIES LISTED IN THE DRAWINGS ARE FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL QUANTITIES AND TO PROVIDE ALL MATERIALS NECESSARY FOR FULL COVERAGE IN ALL PLANTING AREAS AS SPECIFIED ON THE DRAWINGS. ANY DISCREPANCY SHOULD BE REPORTED TO THE OWNER.
2.

ALL PLANTS SHOULD BE IN ACCORDANCE WITH ANSI Z60.1 -2014, AMERICAN STANDARD FOR NURSERY STOCK PUBLICATION, APPROVED APRIL 14, 2014.
3.

CALIPER SIZE OF CANOPY TREES ARE TO BE MEASURED PER LOCAL CITY LANDSCAPE ORDINANCE.
4.

ALL PLANT MATERIAL SHALL CONFORM TO THE SIZE SPECIFICATIONS (CALIPER, HEIGHT AND SPREAD) GIVEN IN THE PLANT SCHEDULE AND SHALL BE NURSERY GROWN UNLESS SPECIFIED OTHERWISE.
5.

ANY PLANT SUBSTITUTION SHALL BE APPROVED BY LANDESIGN PRIOR TO PURCHASE.
6.

SIZES LISTED ARE MIN. AND REFER TO HEIGHT, UNLESS OTHERWISE SPECIFIED.
7.

LANDSCAPE CONTRACTOR SHALL STAKE OUT LOCATIONS OF ALL TREES TO BE PLANTED FOR REVIEW BY LANDESIGN PRIOR TO INSTALLING. LANDESIGN RESERVES THE RIGHT TO ADJUST TREE LOCATIONS IN THE FIELD AS NECESSARY.
8.

SHRUB/GROUNDCOVER BEDS SHALL BE STAKED FOR REVIEW BY LANDESIGN/OWNER'S REPRESENTATIVE PRIOR TO EXCAVATION AND OR BED PREPARATION.
9.

LANDSCAPE CONTRACTOR SHALL INSTALL STEEL EDGING BETWEEN PLANTING BEDS AND LAWNS, OR AS SHOWN IN DETAILS.
10.

LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND LINE RUNS IN THE FIELD PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL.
11.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ADVISE LANDESIGN OF ANY CONDITION FOUND ON THE SITE WHICH PROHIBITS INSTALLATION AS SHOWN ON THE DRAWINGS.
12.

LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION WITH OTHER CONTRACTORS ON SITE AS REQUIRED TO ACCOMPLISH ALL PLANTING OPERATIONS.
13.

ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION AND MUST BE REPLACED WITH PLANT OF SAME VARIETY AND SIZE IF DAMAGED, DESTROYED, DEAD AND /OR REMOVED.
14.

LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING AND REMOVAL OF DEBRIS PRIOR TO PLANTING IN ALL AREAS.
15.

FINAL FINISHED GRADING SHALL BE REVIEWED BY LANDESIGN. CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL TOPSOIL REQUIRED TO CREATE A SMOOTH CONDITION SUITABLE FOR PLANTING.
16.

TREES OVERHANGING INTO THE PUBLIC R.O.W. SHALL HAVE A MINIMUM CLEAR TRUNK HEIGHT OF FOURTEEN(14) FEET OVER STREETS, DRIVE AISLES, ALLEYS AND FIRE LANES. TREES OVERHANGING PRIVATE STREETS, WALKS, AND /OR PARKING LOTS SHALL HAVE A MINIMUM CLEAR TRUNK HEIGHT OF SEVEN (7) FEET.
17.

LANDSCAPE CONTRACTOR IS REQUIRED TO PERFORM A TREE PIT PERCOLATION TEST FOR EACH TREE PIT PRIOR TO INSTALLATION. IF TREE PIT DOES NOT DRAIN WITHIN A 24-HOUR PERIOD, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE A GRAVEL SUMP, FILTER FABRIC AND STAND PIPE. ALL TREE PIT SUMPS SHALL BE INCLUDED IN IN THE CONTRACTOR'S BASE BID AS A UNIT PRICE AND PROVIDE AS A DEDUCT ALTERNATE PER TREE PIT SUMPS NOT REQUIRED TO BE INSTALLED.
18.

LANDSCAPE CONTRACTOR IS RESPONSIBLE TO REVIEW SITE ENVIRONMENTAL CONDITIONS PRIOR TO AND DURING INSTALLATION OF PLANT MATERIAL. ANY DISCREPANCIES OR CONCERNS BETWEEN THE ENVIRONMENTAL SITE CONDITIONS (I.E., SOIL TYPE, WATER, CLIMATE, WIND, SUN EXPOSURE ETC.) AND THE PLANT MATERIAL SPECIFIED WITHIN THE DRAWING SHALL BE BROUGHT TO THE ATTENTION OF LANDESIGN AND/OR OWNER, AND SHALL BE DONE SO IN WRITING. CONTRACTOR SHALL PROVIDE SUGGESTED SOLUTIONS FOR ALTERNATIVE PLANT MATERIAL PROPOSED FOR SUBSTITUTION. LANDESIGN TO REVIEW CONDITIONS AND INFORMATION SUBMITTED BY CONTRACTOR AND WILL ISSUE DIRECTIVE. SHOULD PLANT MATERIAL DIE BECAUSE OF ENVIRONMENTAL CONDITIONS DESCRIBED ABOVE, THE LANDSCAPE CONTRACTOR ASSUMES ALL WARRANTY AND GUARANTEE OF THE PLANT MATERIAL INSTALLED.
19.

ALL NEW PLANTING AREAS SHALL BE BACKFILLED WITH PLANTING SOIL THAT IS A MIXTURE OF 40-50% IMPORTED UNSCREENED TOPSOIL, 40-45% COARSE SAND, AND 10% COMPOST. FINAL TESTED ORGANIC MATTER SHALL BE BETWEEN 2.75 AND 4% (BY DRY WEIGHT). BACKFILL SHALL BE TO A DEPTH OF 18" FOR SHRUB AND GROUNDCOVER ZONES AND 36" FOR TREE PITS.
20.

AFTER PLANTING SOIL MIXES ARE INSTALLED IN PLANTING BED AREAS AND JUST PRIOR TO THE INSTALLATION OF SHRUB OR GROUNDCOVER PLANTINGS, SPREAD 3-4 INCHES OF COMPOST OVER THE BEDS AND ROTO TILL INTO THE TOP 8 INCHES OF THE PLANTING SOIL. THIS WILL RAISE GRADES SLIGHTLY ABOVE THE FINISHED GRADES, IN ANTICIPATION GRADES WILL SETTLE WITHIN A FEW MONTHS AFTER INSTALLATION AS COMPOST BREAKS DOWN.
21.

IN ALL EXISTING PLANTING AREAS DESIGNATED TO RECEIVE NEW PLANTINGS, SPREAD 3-4 INCHES OF COMPOST OVER THE BEDS AND ROTO TILL INTO THE TOP 8 INCHES OF THE PLANTING SOIL. THIS WILL RAISE THE GRADES SLIGHTLY ABOVE THE FINISHED GRADES, IN ANTICIPATION GRADES WILL SETTLE WITHIN A FEW MONTHS AFTER INSTALLATION AS COMPOST BREAKS DOWN. IN NO CASE WILL THIS BE PERFORMED WHERE IT MAY NEGATIVELY IMPACT THE HEALTH OF ADJACENT, EXISTING PLANT MATERIALS WHICH ARE DESIGNATED TO REMAIN.
22.

LANDSCAPE CONTRACTOR TO WARRANTY ALL PLANT MATERIALS FOR A PERIOD OF ONE YEAR. THE CONTRACTOR AGREES TO REPLACE DEFECTIVE WORK AND DEFECTIVE PLANTS, AND THAT THE OWNER'S REPRESENTATIVE SHALL MAKE THE FINAL DETERMINATION IF PLANTS MEET THE REQUIRED SPECIFICATIONS OR THAT PLANTS ARE DEFECTIVE. PLANTS DETERMINED TO BE DEFECTIVE SHALL BE REMOVED IMMEDIATELY UPON NOTIFICATION BY THE OWNER'S REPRESENTATIVE AND REPLACED WITHOUT COST TO THE OWNER, AS SOON AS WEATHER CONDITIONS PERMIT AND WITHIN THE SPECIFIED PLANTING PERIOD. THE REPLACED MATERIALS SHALL ALSO RECEIVE A WARRANTY PERIOD OF ONE YEAR WHICH STARTS AT THE DATE OF INSTALLATION. BULBS, ANNUAL FLOWERS, AND SEASONAL COLOR PLANTS SHALL ONLY BE WARRANTED FOR THE PERIOD OF THE EXPECTED BLOOM OR PRIMARY DISPLAY.

PLANTERS/POTS/SEASONAL PLANTING NOTES:

1.

SOIL SHOULD BE NUTRIENT-RICH, MOISTURE CONTAINING PLANTING MEDIUM AND BE A MINIMUM 18" DEPTH FOR SEASONALS, PERENNIALS AND SMALL SHRUBS; MINIMUM 36" DEPTH FOR ALL TREES.
2.

A LAYER OF RIVER ROCK SHALL BE PLACED IN THE BASE OF EACH PLANTER POT TO A MINIMUM 6" DEPTH OR AS ALLOWABLE BY REQUIRED SOIL. DEPTH. PLACE FILTER FABRIC BETWEEN SOIL MEDIUM AND RIVER ROCK AND SOIL MEDIUM AND PLANTER EDGES. OVERLAP FABRIC 6" MINIMUM TO MINIMIZE SOIL WASH.
3.

PLANTERS POTS WHICH DO NOT RECEIVE IRRIGATION SHALL BE HAND-WATERED. HAND WATERING SHOULD OCCUR MINIMUM 2 TIMES PER WEEK DURING COOLER AND RAINY SEASONS AND INCREASED TO EVERY 2-3 DAYS DURING HOT/DRY WEATHER. ALWAYS CHECK SOIL 6" BELOW SURFACE FOR SATURATION PRIOR TO WATERING TO PREVENT OVERWATERING/DROWNING OF PLANT MATERIAL.
4.

WHEN APPLICABLE, PLANTS TO REMAIN IN CONTAINERS FOR DURATION OF SEASON ARE SHOWN IN THE "PERMANENT" LAYOUT. EACH SEASON WILL HAVE ITS OWN PLANT MATERIAL, SOME OF WHICH MAY LAST ALL YEAR. ROTATE IN THE PLANTS NOTED FOR EACH SEASON.
5.

IF PLANT MATERIAL DIES DURING A SEASON AND IS EXPECTED TO REMAIN FOR AN ADDITIONAL SEASON, CONTRACTOR IS TO REPLACE AT TIME OF NEXT SEASONAL ROTATION.
6.

CONTACT LANDESIGN FOR ANY REQUIRED SUBSTITUTIONS.
7.

ALL PLANTS SHOULD BE FULL AT TIME OF INSTALLATION AND COVER 75% OF POT SURFACE AREA.
8.

AVOID PLANTING IN THE ROOT ZONE OF ANY PERMANENT TREES, SHRUBS, OR PERENNIALS.
9.

SEASONAL PLANTS SHOULD BE REMOVED FOLLOWING THE FIRST MAJOR FROST DIEBACK AND REPLACED WITH EVERGREEN BOUGHS OR OTHER OWNER APPROVED WINTER DECOR. TREES, SHRUBS AND PERENNIALS SHOULD REMAIN IN THE CONTAINERS YEAR ROUND AND REPLACED ONLY AS NECESSARY.

IRRIGATION NOTES:

1.

A FULLY AUTOMATED IRRIGATION SYSTEM PROVIDING 100% COVERAGE SHALL BE PROVIDED FOR ALL PLANTING AREAS, UNLESS NOTED OTHERWISE. SYSTEM SHALL BE IN OPERATION PRIOR TO INSTALLATION OF ANY PLANT MATERIAL OTHER THAN CANOPY TREES.
2.

ALL PLANTING BEDS/ SHRUB AND GROUNDCOVER AREAS TO BE IRRIGATED WITH EITHER 12" SPRAY POP-UPS AND/OR A LANDSCAPE DRIP-LINE SYSTEM, UNLESS NOTED OTHERWISE.
3.

ALL PLANTER POTS AND RAISED PLANTERS TO BE IRRIGATED WITH MICRO SPRAY SPRINKLER HEADS.
4.

IRRIGATION SYSTEM IS DESIGN/BUILD. CONTRACTOR TO PROVIDE DRAWINGS AND CUT SHEETS OF ALL COMPONENTS.
5.

PROVIDE AS-BUILT DRAWINGS OF IRRIGATION AFTER INSTALLATION.

GENERAL NOTES:

1.

BASE INFORMATION, INCLUDING EXISTING CONDITIONS, TOPOGRAPHY, EXISTING UTILITIES, AND BOUNDARY INFORMATION IS FROM PLANS PROVIDED BY: MCADAMS.
2.

DEMOLITION INFORMATION IS FROM PLANS PROVIDED BY: MCADAMS.
3.

ARCHITECTURAL INFORMATION IS FROM PLANS PROVIDED BY: BB+M ARCHITECTURE.
4.

WRITTEN DIMENSIONS PREVAIL OVER SCALED DIMENSIONS. NOTIFY LANDESIGN OF ANY DISCREPANCIES.
5.

DIMENSIONS ARE TO FACE OF OBJECT, UNLESS NOTED OTHERWISE.
6.

THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND LINE RUNS IN THE FIELD PRIOR TO CONSTRUCTION. ANY DAMAGE TO NEW AND EXISTING UTILITIES ARE TO BE REPAIRED IMMEDIATELY AT NO ADDITIONAL EXPENSE TO THE OWNER. LANDESIGN ASSUMES NO RESPONSIBILITY FOR ANY UTILITIES NOT SHOWN ON PLANS.
7.

ALL PROPOSED FINISHED GRADES ARE BASED ON INFORMATION PROVIDED BY THE OWNER'S SURVEY AND OR CIVIL ENGINEER. ANY DISCREPANCIES IN ACTUAL FIELD MEASUREMENTS ARE TO BE REPORTED TO LANDESIGN IMMEDIATELY.
8.

PRIOR TO COMMENCEMENT OF HARDSCAPE CONSTRUCTION, ALL PIERS, FOOTINGS, AND WALLS SPECIFIC TO THE SCOPE OF THIS DRAWING PACKAGE ARE TO BE SURVEYED, LAID OUT, AND STAKED IN THE FIELD FOR REVIEW BY LANDESIGN. CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY DEMOLITION, ADJUSTMENTS, OR RECONSTRUCTION OF HARDSCAPE CONSTRUCTION RESULTING FROM INACCURATE CONSTRUCTION.
9.

CONTRACTOR IS RESPONSIBLE TO PROVIDE AND INSTALL ALL ITEMS PER DRAWINGS AND SPECIFICATION. NOTIFY LANDESIGN OF ANY MAJOR DISCREPANCIES BETWEEN CONTRACTOR'S VERIFIED QUANTITIES, BID BOOK, AND INTENT OF DRAWING.
10.

CONTRACTOR IS RESPONSIBLE FOR ALL FINAL QUANTITIES PER DRAWINGS AND SPECIFICATIONS ANY QUANTITIES PROVIDE BY LANDESIGN ARE PROVIDED FOR CONVENIENCE ONLY AND SHALL NOT BE CONSIDERED ABSOLUTE. LANDESIGN SHOULD BE NOTIFIED OF ANY GRADING DISCREPANCIES.
11.

THE CONTRACTOR SHALL EXAMINE AND BECOME FAMILIAR WITH ALL CONTRACT DOCUMENTS IN THEIR ENTIRETY. SURVEY THE PROJECT AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK. ALL COSTS SUBMITTED SHALL BE BASED ON THOROUGH KNOWLEDGE OF ALL WORK AND MATERIALS REQUIRED ANY DISCREPANCY AND/ OR UNCERTAINTY AS TO WHAT MATERIAL OR PRODUCT IS TO BE USED, SHALL BE VERIFIED WITH THE OWNER OR LANDESIGN PRIOR TO BIDDING.
12.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES REQUIRED FOR SAFE EXECUTION AND COMPLETION OF WORK, AND FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
13.

IN THE EVENT A DISCREPANCY IS FOUND IN THE CONTRACT DOCUMENTS, THE OWNER & LANDESIGN SHALL BE NOTIFIED IMMEDIATELY.
14.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND NOTIFY LANDESIGN OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
15.

CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AT THIS SITE AND AND BE RESPONSIBLE FOR ACCURACY AND CORRECTNESS OF SAME.
16.

CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER TRADES AND NOTIFY OWNER & LANDESIGN OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
17.

ALL EXISTING WORK OR LANDSCAPING NOT SHOWN TO BE ALTERED OR REMOVED SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. THE CONTRACTOR(S) SHALL BEAR THE TOTAL EXPENSE FOR, AND SHALL REPAIR ANY DAMAGE TO EXISTING CONDITIONS, OR IMPROVEMENTS NOT INDICATED IN THE DRAWINGS OR SPECIFICATIONS TO RECEIVE ALTERATION, ADDITIONS OR REMOVAL.

LAYOUT NOTES:

1.

REFER TO CIVIL ENGINEERING PLANS FOR ALL MATERIALS AND CONSTRUCTION WITHIN RIGHT OF WAYS .
2.

EXISTING UTILITIES ARE SHOWN SCHEMATICALLY AND ARE FOR THE CONTRACTOR'S GUIDANCE ONLY. THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
3.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING IMPROVEMENTS IN THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION. REPAIRS SHALL BE EQUAL TO OR BETTER THAN CONDITION PRIOR TO CONSTRUCTION.
4.

ALL ONSITE PAVING DIMENSIONS ARE TO THE FACE OF CURB, WHERE APPLICABLE, UNLESS NOTED OTHERWISE.
5.

ALL CURB RADI AND SIDEWALK RETURNS ARE 2' UNLESS NOTED OTHERWISE.
6.

ALL PAVING AND EARTHWORK OPERATIONS SHALL CONFORM TO THE PROJECT GEOTECHNICAL REPORT.
7.

BUILDING DIMENSIONS: THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS TO VERIFY THE EXACT BUILDING DIMENSIONS.
8.

LAY PAVERS IN PATTERN(S) SHOWN ON DRAWINGS. PLACE UNITS HAND TIGHT WITHOUT USING HAMMERS. MAKE HORIZONTAL ADJUSTMENTS TO PLACEMENT OF LAID PAVERS WITH RUBBER HAMMERS AS REQUIRED.
9.

PROVIDE JOINTS BETWEEN PAVERS BETWEEN 1/16 IN. AND 3/16 IN. (2 AND 5 MM) WIDE. NO MORE THAN 5% OF THE JOINTS SHALL EXCEED 1/4" WIDE TO ACHIEVE STRAIGHT BOND LINES.
10.

JOINT (BOND) LINES SHALL NOT DEVIATE MORE THAN ±1/2 IN. (±15 MM) OVER 50 FT. (15 M) FROM STRING LINES.
11.

FILL GAPS AT THE EDGES OF THE PAVED AREA WITH CUT PAVERS OR EDGE UNITS.
12.

CUT PAVERS TO BE PLACED ALONG THE EDGE WITH A MASONRY SAW.
13.

ADJUST BOND PATTERN AT PAVEMENT EDGES SUCH THAT CUTTING OF EDGE PAVERS IS MINIMIZED.
14.

IN NO CASE SHALL A CUT PAVES BE LESS THAN 1/3 FULL PAVES SIZE.
15.

PAVER DIMENSIONS ARE NOMINAL. PRIOR TO POURING SLABS, BANDING, OR OTHERWISE SETTING PAVES FIELDS, VERIFY ACTUAL PAVES SIZES AND LAYOUT OF THE PAVES FIELDS. MAKE MINOR ADJUSTMENTS TO EDGE CONSTRAINTS AS REQUIRED TO ACCOMMODATE ACTUAL PAVES SIZES. NOTIFY LANDESIGN IMMEDIATELY OF DISCREPANCIES AND/OR ADJUSTMENTS.

GRADING NOTES:

1.

STAKE PER SPOT ELEVATIONS AND NOTED SLOPES. CONTOURS ARE PROVIDED FOR MASS GRADING/INTENT ONLY.
2.

WRITTEN DIMENSIONS AND GRADES PREVAIL OVER SCALED DIMENSIONS. NOTIFY LANDESIGN OF ANY DISCREPANCIES.
3.

ALL SPOT ELEVATIONS SHOWN ON GRADING PLAN ARE TO BOTTOM OF CURB/TOP OF PAVEMENT UNLESS OTHERWISE NOTED. ALL RIM ELEVATIONS ARE TO EDGE OF PAVEMENT.
4.

REFER TO GEOTECHNICAL ENGINEER AND GEOTECH REPORT FOR INFORMATION ON SUBSURFACE MATERIALS, TOPSOIL, STRUCTURAL MATERIAL, DEEP FILLS, EXCAVATION, AND FOUNDATIONS.
5.

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.
6.

IN ORDER TO ASSURE PROPER DRAINAGE, KEEP A MINIMUM OF .5% SLOPE ON THE CURB.
7.

ALL PLANTING ISLANDS SHALL BE GRADED TO MOUND TO PROVIDE POSITIVE DRAINAGE.
8.

CONTRACTOR TO VERIFY 2% MAX. CROSS-SLOPE ON ALL SIDEWALKS.
9.

CONTRACTOR TO VERIFY THAT ALL SIDEWALK SLOPES, HANDICAP RAMPS, AND HANDICAP PARKING SPACES MEET ADA REQUIREMENTS.
10.

CONCRETE SIDEWALKS ADJACENT TO TREE SAVE LOCATIONS SHOULD BE POURED ON TOP OF EXISTING GRADE.
11.

REFER TO LANDSCAPE PLAN FOR ALL TREE PROTECTION FENCE LOCATIONS AND INSTALLATION PROCEDURES. BEFORE GRADING/CONSTRUCTION BEGINS, CALL FOR INSPECTION OF TREE PROTECTION BARRICADES. NO SOIL DISTURBANCE OR COMPACTION, CONSTRUCTION MATERIALS, TRAFFIC, BURIAL PITS, TRENCHING, OR OTHER LAND DISTURBING ACTIVITY ALLOWED IN THE TREE PROTECTION ZONE.
12.

DIMENSIONS ON BUILDINGS ARE FOR GRADING PURPOSES ONLY AND ARE NOT TO BE USED TO LAYOUT FOOTINGS.
13.

GRADING CONTRACTORS SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING OR CONNECTING TO SAID FACILITIES. CONTRACTORS SHALL PAY ALL COSTS IN CONNECTION WITH THE ALTERATION OF OR RELOCATION OF THE FACILITIES. CONTRACTORS SHALL RAISE OR LOWER TOPS OF EXISTING MANHOLES AS REQUIRED TO MATCH FINISHED GRADES.
14.

GRADING CONTRACTOR SHALL COOPERATE AND WORK WITH ALL OTHER CONTRACTORS PERFORMING WORK ON THIS PROJECT TO INSURE PROPER AND TIMELY COMPLETION OF THIS PROJECT.

KEY MAP

SEAL

PRELIMINARY -FOR REVIEW ONLY-		
THESE DOCUMENTS ARE FOR DESIGN REVIEW ONLY AND NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSE. THEY ARE PREPARED BY, OR UNDER THE SUPERVISION OF:		
##### ENGINEER	#### REG.#	12/15/22 DATE

PROJECT

UNIVERSITY
PLACE PHASE
1B/1C

RAM REALTY

201 S ESTES DR

CHAPEL HILL, NC 27514

LANDESIGN PROJ.#		
1019418		
REVISION / ISSUANCE		
NO.	DESCRIPTION	DATE
1	ZCP	09.20.2021
2	ZCP	03.30.2022
3	ZCP	05.19.2022
4	OWNER COORDINATION	08.01.2022
5	IFC	09.06.2022
6	OWNER VE DIRECTIVE	03.02.2023
7	ZCP REVISION	03.20.2023
8	ASI #1	09.15.2023
9	ZCP REVISION	05.20.2024

DESIGNED BY: LD
DRAWN BY: ZK
CHECKED BY: AM

SCALE NORTH

VERT: N/A
HORZ: N/A

SHEET TITLE

GENERAL NOTES

SHEET NUMBER

G0-01

Sheet List Table	
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G0-00	COVER
G0-01	GENERAL NOTES
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G1-02	LANDSCAPE DISPOSITION ENLARGEMENT 2
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G1-04	LANDSCAPE DISPOSITION ENLARGEMENT 4
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L1-03	MATERIALS PLAN ENLARGEMENT 3
L1-04	MATERIALS PLAN ENLARGEMENT 4
L2-00	OVERALL LAYOUT PLAN
L2-01	LAYOUT PLAN ENLARGEMENT 1
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L3-00	OVERALL GRADING PLAN
L3-01	GRADING PLAN ENLARGEMENT 1
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L3-04	GRADING PLAN ENLARGEMENT 4
L4-00	OVERALL REQUIRED PLANTING PLAN
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L4-02	REQUIRED PLANTING PLAN ENLARGEMENT 2
L4-03	REQUIRED PLANTING PLAN ENLARGEMENT 3
L4-04	REQUIRED PLANTING PLAN ENLARGEMENT 4
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L4-20	PLANTING DETAILS
L4-21	PLANTING DETAILS
L4-22	PLANTING DETAILS
L5-00	OVERALL SUPPLEMENTAL PLANTING PLAN
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L5-02	SUPPLEMENTAL PLANTING PLAN ENLARGEMENT 2
L5-03	SUPPLEMENTAL PLANTING PLAN ENLARGEMENT 3
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L6-00	OVERALL LIGHTING PLAN
L6-01	LIGHTING PLAN ENLARGEMENT 1
L6-02	LIGHTING PLAN ENLARGEMENT 2
L6-03	LIGHTING PLAN ENLARGEMENT 3
L6-04	LIGHTING PLAN ENLARGEMENT 4
L7-00	SITE DETAILS
L7-01	SITE DETAILS
L7-02	SITE DETAILS
L7-03	SITE DETAILS
L7-04	SITE DETAILS
L7-05	SITE LIGHTING DETAILS

ABBREVIATIONS

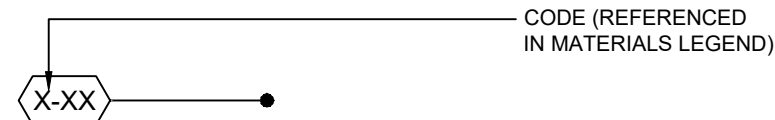
A	AD	AREA DRAIN	L	L	LENGTH
	ADJ	ADJACENT		LT	LIGHT
	ALF	ALTERNATE		LP	LOW POINT
	ALUM	ALUMINUM	M	MAS	MASONRY
B	APPROX	APPROXIMATE		MATL	MATERIAL
	ARCH	ARCHITECT(URAL)		MAX	MAXIMUM
				MECH	MECHANICAL
				MED	MEDIUM
	BC	BOTTOM OF CURB		MFR	MANUFACTURER
	BLDG	BUILDING		MIN	MINIMUM
	BLKS	BLOCKING		MISC	MISCELLANEOUS
	BOC	BACK OF CURB		MTL	METAL
	BOT	BOTTOM	N	N	NORTH
	BR	BOTTOM OF RAMP		NIC	NOT IN CONTRACT
	BS	BOTTOM OF STAIR		NO	NUMBER
	BW	BOTTOM OF WALL		NOM	NOMINAL
				NTS	NOT TO SCALE
C	CEM	CEMENT	O	OC	ON CENTER
	CIP	CAST IN PLACE		OD	OUTSIDE DIAMETER
	CJ	CONTROL JOINT		OPNG	OPENING
	CMU	CONCRETE MASONRY UNIT		OPP	OPPOSITE
	CO	CLEANOUT	P	PB	PLANT BED
	COL	COLUMN		PERF	PERFORATED
	CONT	CONTINUOUS		PNL	PANEL
	CONC	CONCRETE		PNT	PAINT(ED)
	CU	CUBIC FEET		PSI	POUNDS/SQUARE INCH
				P1	PRESSURE TREATED
				POB	POINT OF BEGINNING
				POC	POINT OF CURVATURE
D	DD	DECK DRAIN		PROP	PROPOSED
	DE	DRAINAGE EASEMENT			
	DI	DRAIN INLET			
	DIA	DIAMETER	Q	QTY	QUANTITY
	DIA	DIAGONAL			
	DIM	DIMENSION			
	DN	DOWN			
	DS	DOWN SPOUT	R	RAD	RADIUS
	DWG(S)	DRAWING(S)		REINF	REINFORC(E), (ING)
				REQD	REQUIRED
				REV	REVISION
E	E	EAST		R.O.W	RIGHT OF WAY
	EA	EACH			
	EJ	EXPANSION JOINT			
	EL	ELEVATION	S	S	SOUTH
	ELEC	ELECTRIC(AL)		SB	SETBACK
	EOP	EDGE OF PAVEMENT		SCHED	SCHEDUL(E), (ED)
	EQ	EQUAL		SD	STORM DRAIN
	EQUIP	EQUIPMENT		SF	SQUARE FOOT, FEET
	ESMT	EASEMENT		SIM	SIMILAR
	EW	EACH WAY		SQ	SQUARE
	EXP	EXPANSION	T	SSMH	SANITARY SEWER MANHOLE
	EXIST/EX	EXISTING		STL	STEEL
	EXT	EXTERIOR		SSTL	STAINLESS STEEL
				STD	STANDARD
F	FAB	FABRIC		SUSP	SUSPENDED
	FDC	FIRE DEPT. CONNECTION		SW	SIDEWALK
	FH	FIRE HYDRANT	U	SYM	SYMBOL
	FIN	FINISH			
	FOC	FACE OF CURB		UE	UTILITY EASEMENT
	FT	FOOT, FEET		U.N.O	UNLESS NOTED OTHERWISE
	FTG	FOOTING	V	VERT	VERTICAL
G				VIF	VERIFY IN FIELD
	GA	GAUGE	W	W	WEST, WIDE, WIDTH
	GAL	GALLON		W/	WITH
	GALV	GALVANIZED		W/O	WITHOUT
	GC	GENERAL CONTRACTOR		WD	WOOD
	GV	GATE VALVE		WL	WATER LINE
				WM	WATER METER
				WT	WEIGHT
				WWM	WELDED WIRE MESH
H	HDW	HARDWARE	I	ID	INSIDE DIAMETER
	HDWD	HARDWOOD		INCL	INCLUDE
	HORZ	HORIZONTAL		INSUL	INSULATION
	HP	HIGH POINT		INT	INTERIOR
	HT	HEIGHT		INV	INVERT
			J	JB	JUNCTION BOX
				JT	JOINT
I	ID	INSIDE DIAMETER	K	KO	KNOCK OUT
	INCL	INCLUDE			
	INSUL	INSULATION			
	INT	INTERIOR	L	L	LENGTH
	INV	INVERT		LT	LIGHT
				LP	LOW POINT

NOTE: ABBREVIATIONS APPLY TO LANDDESIGN NOTATIONS ONLY. SURVEY, ARCHITECTURAL AND OTHER ABBREVIATIONS MAY VARY.

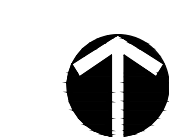
LINETYPE LEGEND

					MATCHLINE
					PROPERTY LINE

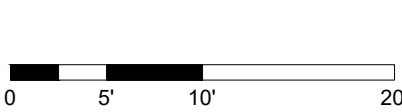
MATERIAL/OBJECT INDICATOR



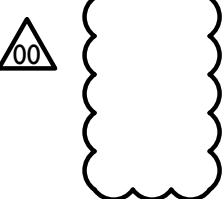
NORTH ARROW



GRAPHIC SCALE



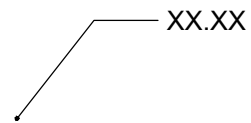
REVISION



PLANTING SYMBOLS

- PLANT BED
- GREEN ROOF
- BIORETENTION

SPOT ELEVATION



PAVING / MATERIALS MATRIX					
KEY	MANUFACTURER/TYPE:	PATTERN	COLOR	FINISH	SIZE
(P-101)	HANOVER PREST BRICK	RUNNING BOND	CHARCOAL	TUDOR	4" X 8" X 2 1/2"
ALT. 1	PAVESTONE HOLLAND STONE 45mm	RUNNING BOND	CHARCOAL	STANDARD	3.94" x 7.87" x 1.77"
(P-102)	TECHO-BLOC DIAMOND GRANITEX	03 CHEVRON PATTERN	50% GREYED NICKLE 50% SHALE GREY	GRANITEX	7 1/2" x 12 1/4" x 3 1/2"
ALT. 1	HANOVER PARALLELOGRAM	CHEVRON PATTERN	50% LIMESTONE GRAY 50% NAT./CHARC. BLEND	STANDARD	18 3/4" OVERALL LENGTH, 3" THICKNESS
(P-103)	HANOVER PREST BRICK	RUNNING BOND	50% LIMESTONE GRAY 50% NAT./CHARC. BLEND	TUDOR	4" X 8" X 2 1/2"
ALT. 1	PAVESTONE HOLLAND STONE 45mm	RUNNING BOND	CHICAGO BLEND	STANDARD	1.77" x 7.87" x 3.94"
(P-104)	STAMPED CONCRETE CROSSWALK	HERRINGBONE PATTERN	TBD	TBD	N/A
(P-105)	HANOVER VEHICULAR PREST PAVER	HERRINGBONE W/ SOLDIER COURSE BANDING	50% LIMESTONE GRAY 50% NAT./CHARC. BLEND	TUDOR	4" X 8" X 3"
ALT. 1	PAVESTONE HOLLAND STONE 60mm	HERRINGBONE W/ SOLDIER COURSE BANDING	CHICAGO BLEND	STANDARD	2.38" x 7.87" x 3.94"
(P-106)	CONCRETE PAVING	SEE SITE PLAN	N/A	BROOM FINISH U.N.O.	N/A
(P-107)	CONCRETE BANDING	SEE SITE PLAN	N/A	BROOM FINISH U.N.O.	N/A
(P-108)	EASYTURF ARTIFICIAL TURF	N/A	OLIVE LUSH OR APPROVED EQUAL.	N/A	N/A
(P-109)	WOOD DECKING OR APPROVED EQUAL	SEE SITE PLAN	NATURAL STATE	SMOOTH FINISHED	24"x 24"x 1-5/8"

- NOTE:
- MATERIALS MATRIX CREATED FOR PHASES 1B-1D. P-108 AND P-109 ARE NOT INCLUDED IN THIS PHASE.
 - ALL MATERIALS SHALL BE SUBMITTED FOR APPROVAL VIA SUBMITTALS AND PHYSICAL SAMPLES PRIOR TO MOCKUP.
 - MIN. 5X5' MOCKUP REQUIRED TO DISPLAY ALL MATERIALS
 - MOCK UP MUST BE APPROVED PRIOR TO FINAL PROCUREMENT OF MATERIALS.

KEY MAP

SEAL

PRELIMINARY
-FOR REVIEW ONLY-

THESE DOCUMENTS ARE FOR DESIGN REVIEW ONLY AND NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSE. THEY ARE PREPARED BY, OR UNDER THE SUPERVISION OF,

ENGINEER

REG. #

12/15/22
DATE

PROJECT

UNIVERSITY
PLACE PHASE
1B/1C

RAM REALTY

201 S ESTES DR

CHAPEL HILL, NC 27514

LANDDESIGN PROJ.#
1019418

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	ZCP	09.20.2021
2	ZCP	03.30.2022
3	ZCP	05.19.2022
4	OWNER COORDINATION	08.01.2022
5	IFC	09.06.2022
6	OWNER VE DIRECTIVE	03.02.2023
7	ZCP REVISION	03.20.2023
8	ASI #1	09.15.2023
9	ZCP REVISION	05.20.2024

DESIGNED BY: LD
DRAWN BY: ZK
CHECKED BY: AM

SCALE NORTH

VERT: N/A
HORZ: N/A

SHEET TITLE

GENERAL NOTES + SHEET
LIST

SHEET NUMBER

G0-02