STORMWATER DRAINAGE IMPROVEMENTS PROJECT FOR FRANCIS MARION UNIVERSITY (H18-N079-MJ) (EDA#04-01-07484.01)

To: All Prospective Bidders

Subject: Addendum #3

Date: November 30th, 2022

This addendum modifies the Contract Documents only in the manner and to the extent stated herein and on any accompanying drawings. This addendum will become part of the Contract Documents. Except as specified or otherwise indicated by this addendum, all work shall be in accordance with the basic requirements of the Contract Documents.

Bidder shall acknowledge receipt of the Addendum in the space provided on the bid form. Failure to do so may constitute informality in the bid.

1. Changes to prior Addenda

1. None with this addendum.

2. Changes to Bidding Requirements

1. None with this addendum.

3. Changes to the Specifications

1. None with this addendum

4. Changes to the Drawings

- 1. Sheet C-201 Added Drop Inlet typical note, added limit of disturbance leader, replaced blind junction with MH-5148A, revised RG Inlet to RG Inflow, revised CB 4850 inlet type.
- 2. Sheet C-202 Added limit of disturbance leader, replaced blind junction with MH-5148A, revised RG Inlet to RG Inflow, revised CB 4850 inlet type.
- 3. Sheet C-203 Added limit of disturbance leader, revised CB 4004 inlet type.
- 4. Sheet C-204 Added limit of disturbance leader.
- 5. Sheet C-205 Added limit of disturbance leader, revised CB 4000 inlet type.
- 6. Sheet C-206 Added limit of disturbance leader.
- 7. Sheet C-207 Added limit of disturbance leader.
- 8. Sheet C-208 Added limit of disturbance leader, revised pond maintenance note.
- 9. Sheet C-209 Added limit of disturbance leader.
- 10. Sheet C-213 Revised Profile EX-4004 to EX-4003 to clarify that the pipe between EX-4001 and EX-4003 should be 42", not 60".
- 11. Sheet C-503 Revised pipe bedding material to AASHTO #57 aggregate.

5. Clarifications to Written Questions

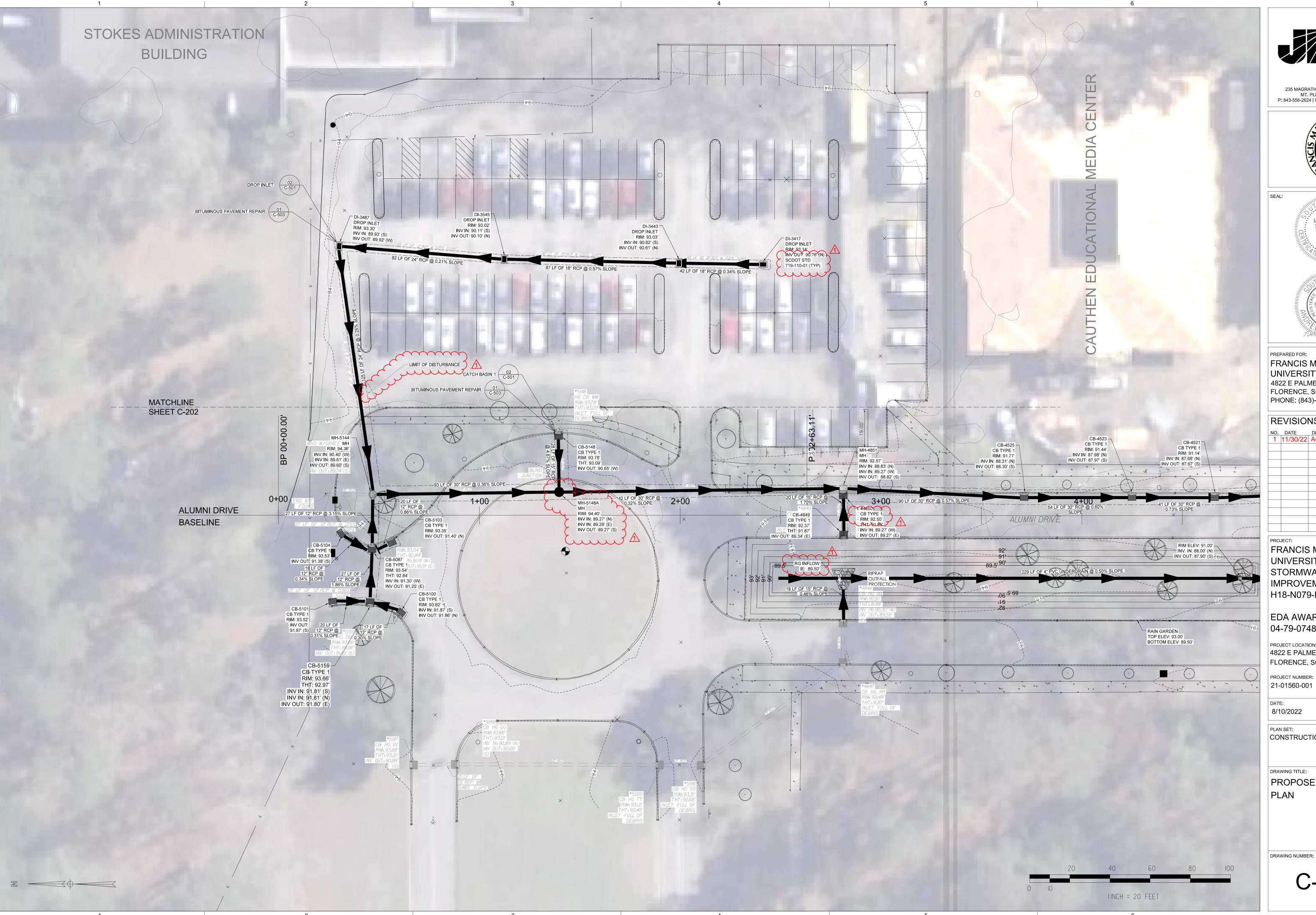
Addendum 3 H18-N079-MJ Stormwater Drainage Improvements Project November 30, 2022 Page 2

- 1. Additional details for drainage structures have been provided on the plans. CB Type 1 is the SCDOT Standard Type 1 inlet. Callout has been revised to "CB Type 1" for all CB HG inlets. The conveyance system is to be constructed in accordance with standard SCDOT specifications. Refer to Drop Inlet on SCDOT standard drawing 719-110-01 for additional information. This standard detail has been included as part of this addendum for clarity.
- 2. The contractor is to match the existing layout / alignment as much as possible, however, in some areas the existing drainage pipe appears to be in line with some of the existing trees. In these areas we show the proposed pipe network in the existing road, instead of the sidewalk. The contractor may provide an option for flowable fill in lieu of removing some of the old drainage infrastructure. Contractor shall coordinate with the engineer and owner in the field prior to this work.
- 3. On Sheet C-201 & C-202, there is an existing blind junction, and a new manhole (MH-5148A) has been added to this location.
- 4. Sheet C-207: There is no difference in structure type of Structures DI-3233 and DI-3234.
- 5. Sheet C-202: The "RG Inlet" notation is the rain garden's inflow pipe end. Detail 04/C-502 is for the rain garden outlet structure. The call out on Sheet C-202 has been revised for clarity.
- 6. Sheet C-213: The pipe profile has been revised from 60" RCP to 42" RCP. This system is on Sheet C-205.
- 7. Detail 03/C-503 has been revised to show AASHTO #57 aggregate for pipe bedding and applies to HDPE pipe installation.
- 8. The plans have been revised to clarify the limit of disturbance line with additional callouts.
- 9. The work with the basin shall be limited vegetation removal within the basin bottom and the berm slopes. The contractor may cut trees and grind stumps to below grade within the existing basin. No grading / land disturbance is anticipated because of these efforts.
- 10. Unanticipated plant life demolition will NOT be accepted as a Change Order. The contractor shall be responsible for repairing or replacing all plant life damage outside of the limits of disturbance.
- 11. Regarding damage to existing trees/roots, the contractor shall coordinate with the University and their landscape staff prior to performing actions which may compromise the integrity of the trees on campus.
- 12. It is not anticipated that any utilities will be impacted during construction. However, it is the contractor's responsibility to verify existing conditions prior to the start of construction and coordinate with the engineer and owner should a conflict arise.
- 13. Contractors are to bid within their license limits. For questions regarding licensing, contact LLR, Contractor's Licensing Board.
- 14. Contractors may work Monday Friday daylight hours. Owner must be notified if contractor wants to work on weekends/holidays.

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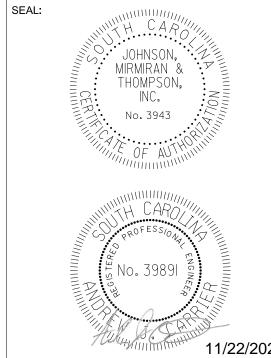
- 15. The contractor must put forth all possible efforts to meet the goals for minority and female participation for each trade. For further guidance, please refer to the Notice of requirements for affirmative action to ensure equal employment opportunity (Executive Order 11246 and 41 CFR Part 60-4) found on page 71 of the Project Manual.
- 16. Though it is not readily available, 12" RCP is proposed due to cover issues and should be included with the base bid. However, the owner will consider substitutions post-award.
- 17. If the contractor has done their due diligence in ordering all materials for the project, but lead times exceed the contract time, FMU will grant the additional time only to contractor if no other acceptable materials can be found and used.
- 18. Price increases from suppliers will not be allowed as a Change Order to the project, unless the contractor can prove it is an "Extreme Hardship".
- 19. Laydown areas will be designated by the University once the bid has been awarded.
- 20. For traffic control, all bidders shall refer to General Note 8 on the cover sheet C-001. The contractor shall use standard SCDOT traffic control drawings as necessary.

END OF ADDENDUM 3









PREPARED FOR: FRANCIS MARION UNIVERSITY 4822 E PALMETTO ST. FLORENCE, SC 29506 PHONE: (843)-661-1460

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PROJECT: FRANCIS MARION UNIVERSITY STORMWATER DRAINAGE **IMPROVEMENTS** H18-N079-MJ

EDA AWARD# 04-79-07484

PROJECT LOCATION: 4822 E PALMETTO ST. FLORENCE, SC 29506

21-01560-001

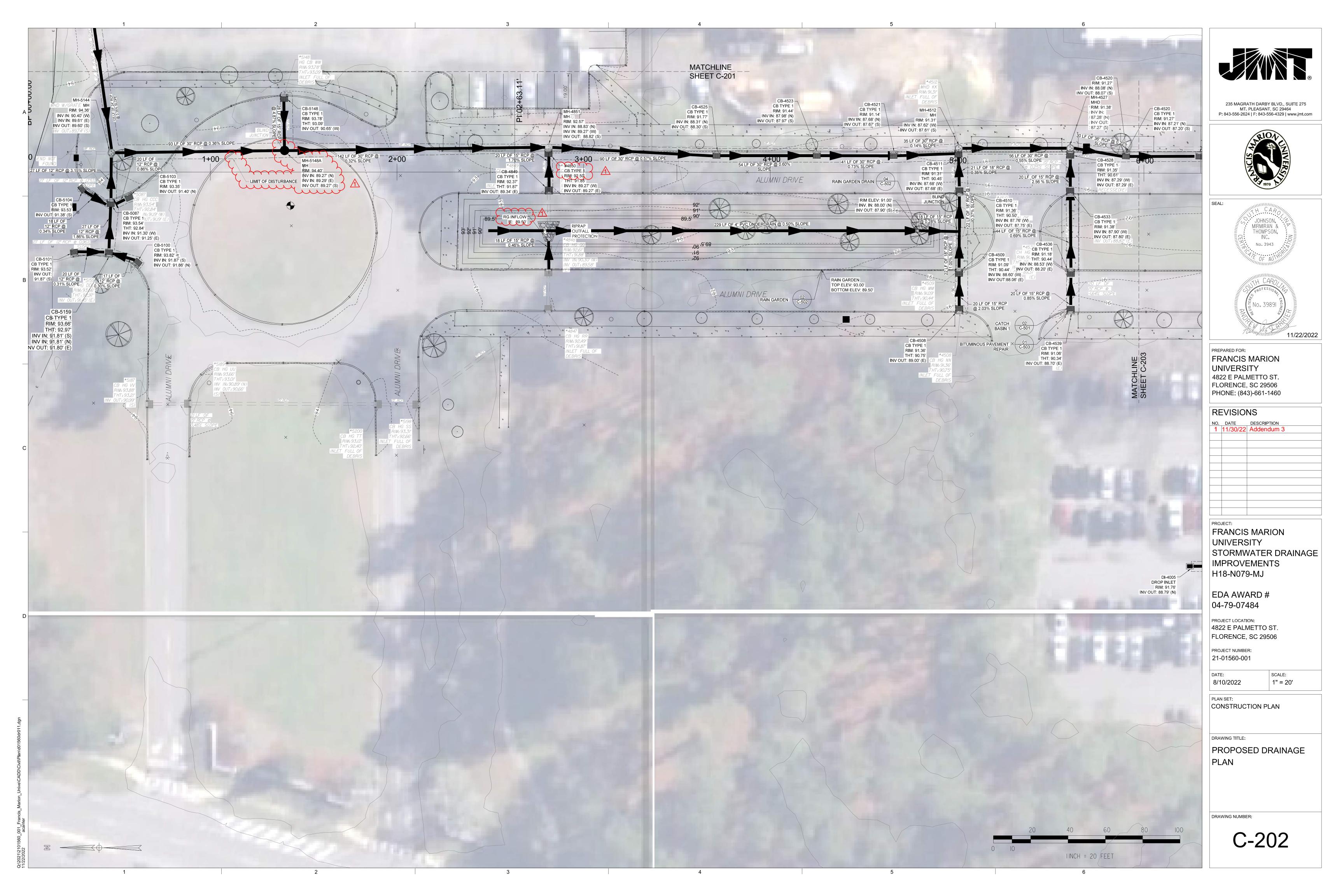
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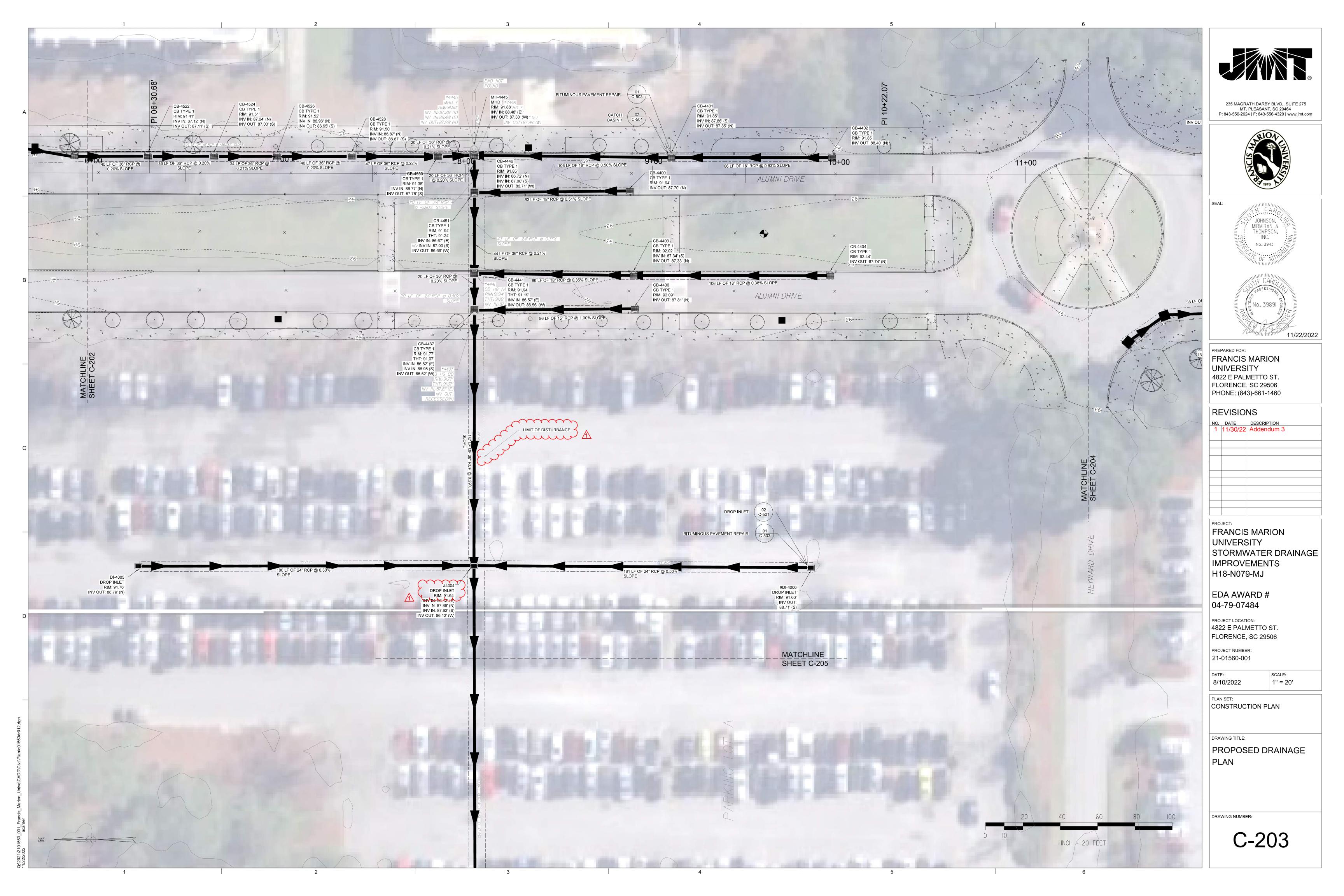
PLAN SET: CONSTRUCTION PLAN

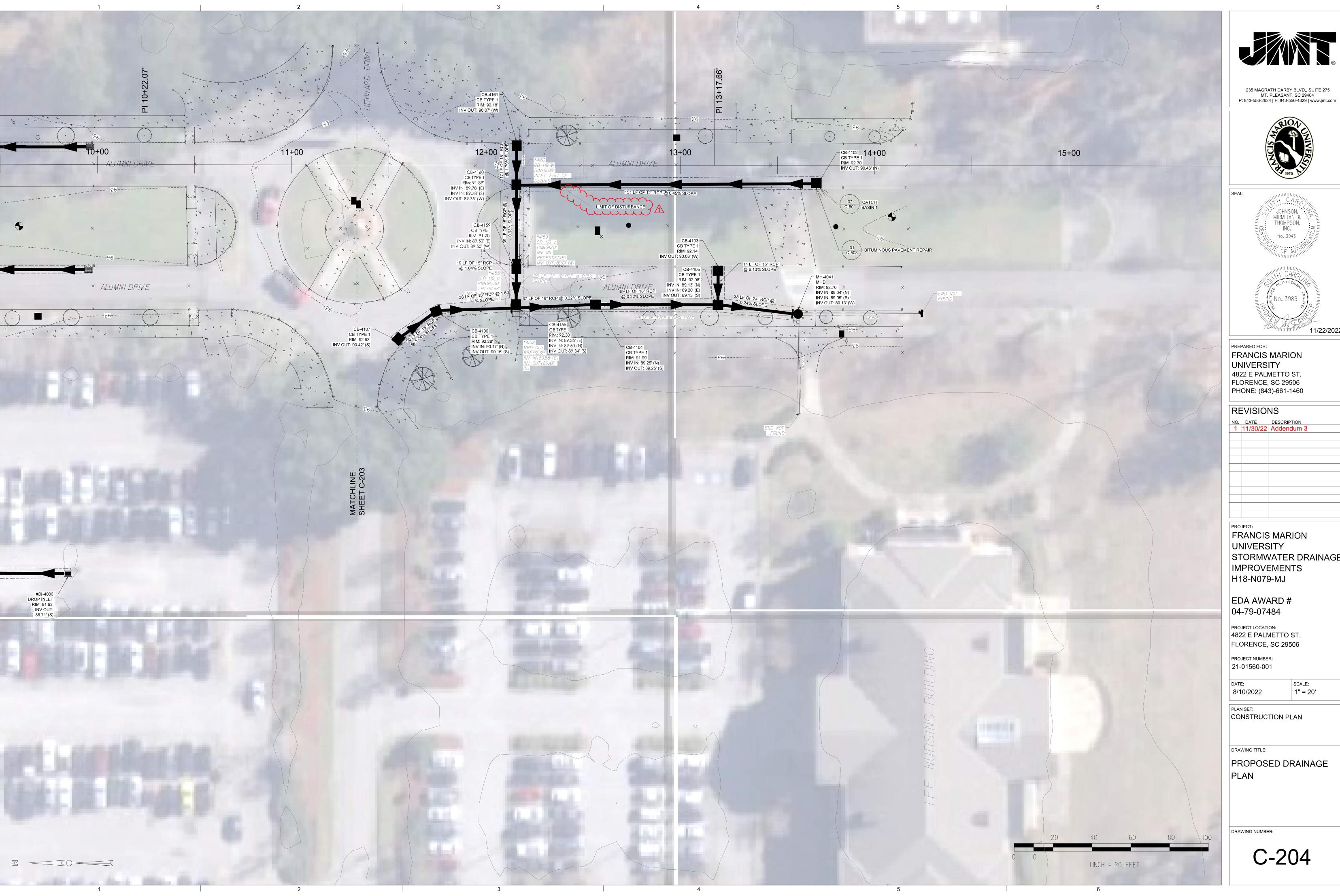
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PROPOSED DRAINAGE PLAN

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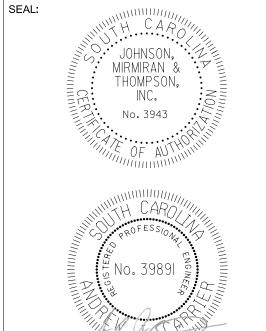






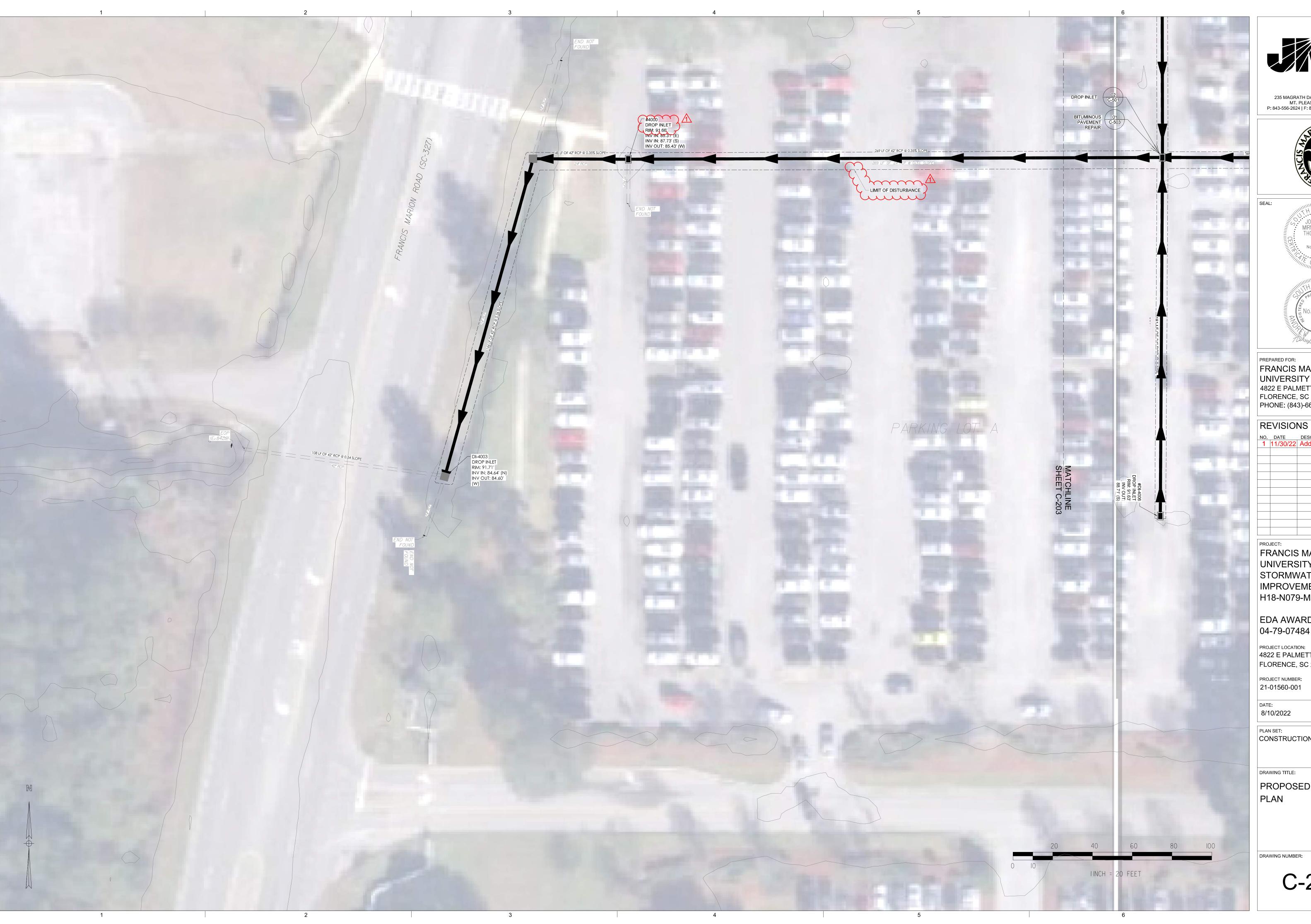






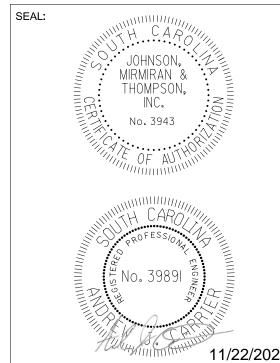
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STORMWATER DRAINAGE









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FRANCIS MARION UNIVERSITY STORMWATER DRAINAGE **IMPROVEMENTS** H18-N079-MJ

EDA AWARD# 04-79-07484

PROJECT LOCATION: 4822 E PALMETTO ST. FLORENCE, SC 29506

8/10/2022

1" = 20'

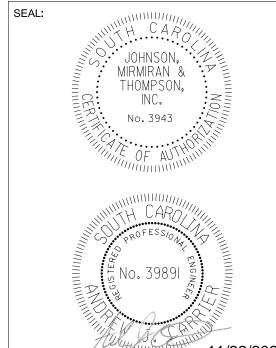
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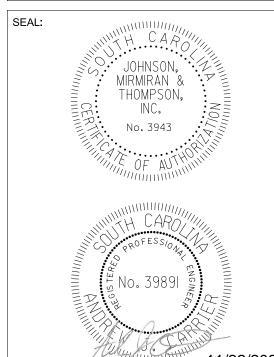




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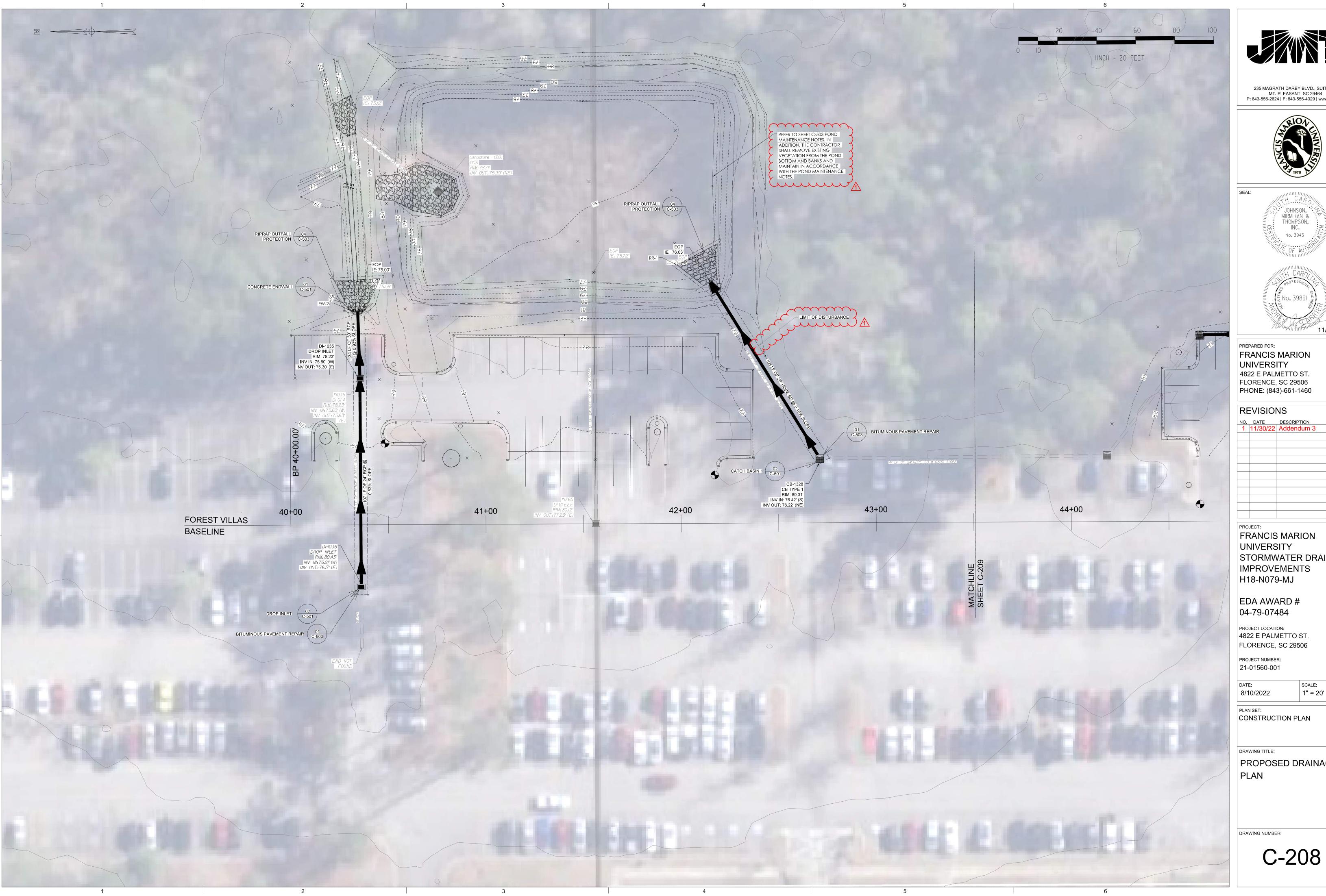
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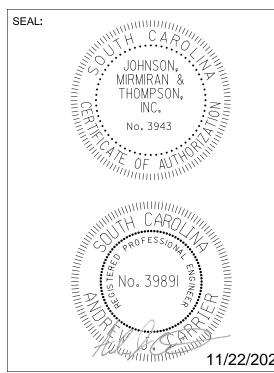
FRANCIS MARION STORMWATER DRAINAGE **IMPROVEMENTS**

1" = 20'

PROPOSED DRAINAGE







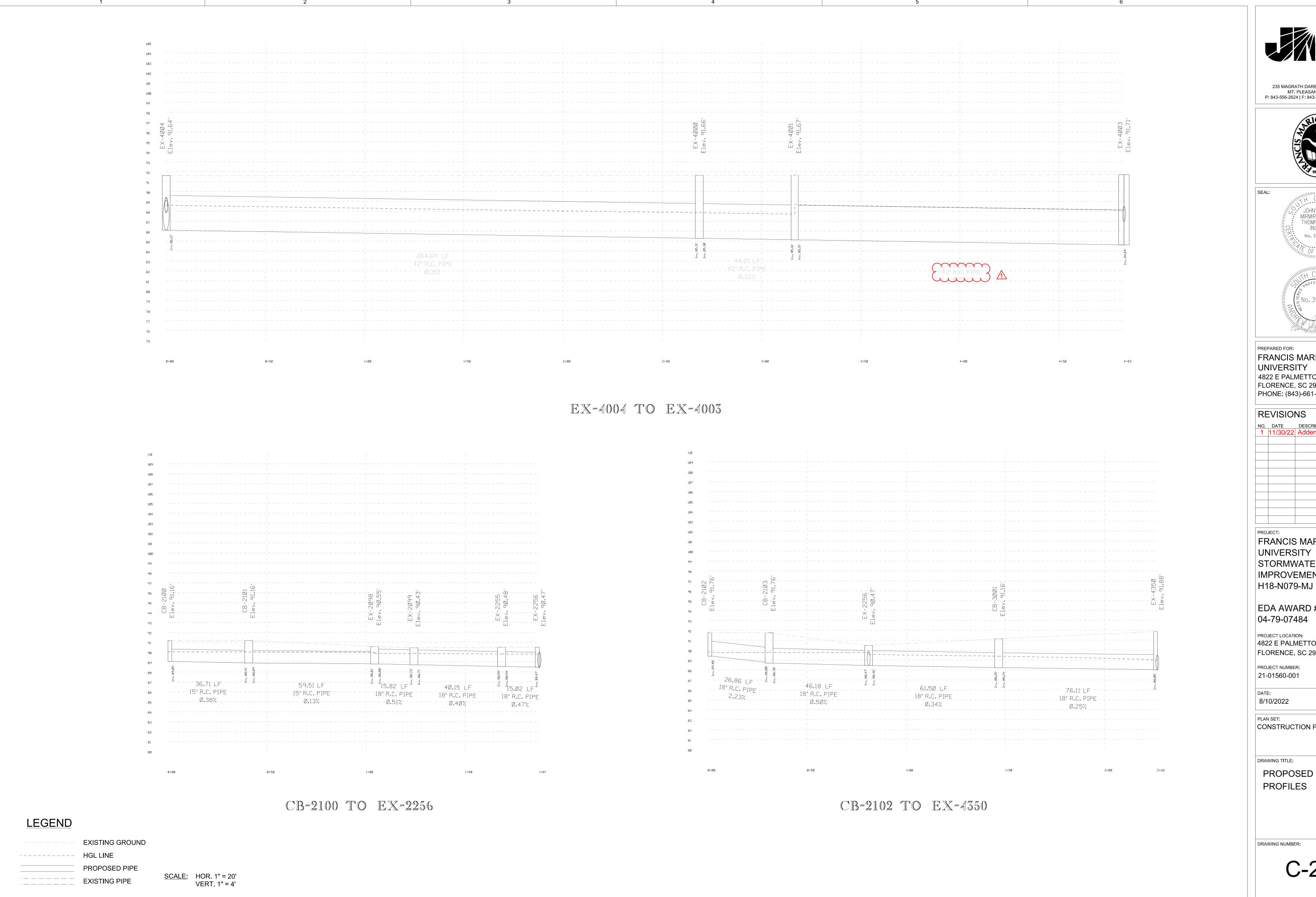
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1" = 20'

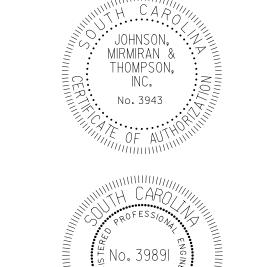
PROPOSED DRAINAGE











PREPARED FOR: FRANCIS MARION 4822 E PALMETTO ST. FLORENCE, SC 29506

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FRANCIS MARION UNIVERSITY STORMWATER DRAINAGE **IMPROVEMENTS**

EDA AWARD# 04-79-07484

PROJECT LOCATION: 4822 E PALMETTO ST. FLORENCE, SC 29506

PROJECT NUMBER: 21-01560-001

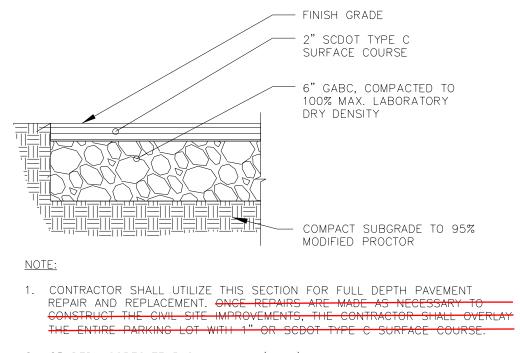
SCALE: HOR. 1" = 20' VERT. 1" = 4' 8/10/2022

PLAN SET: CONSTRUCTION PLAN

DRAWING TITLE:

PROPOSED DRAINAGE **PROFILES**

DRAWING NUMBER:

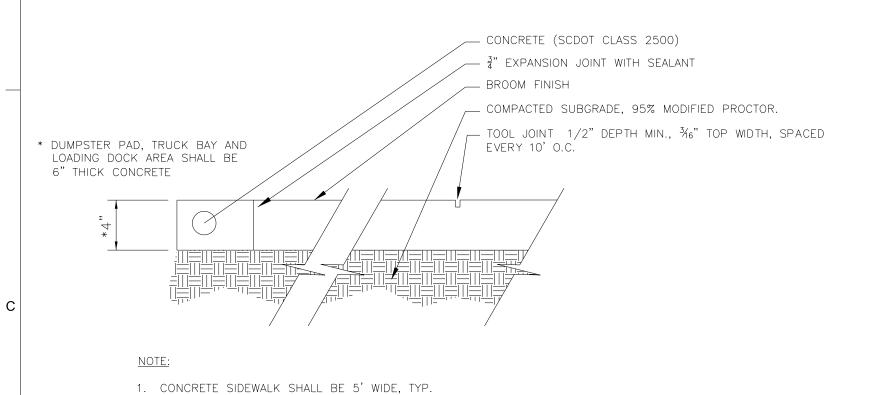


2. GRADED AGGREGATE BASE COURSE (GABC) SHALL BE IN ACCORDANCE WITH

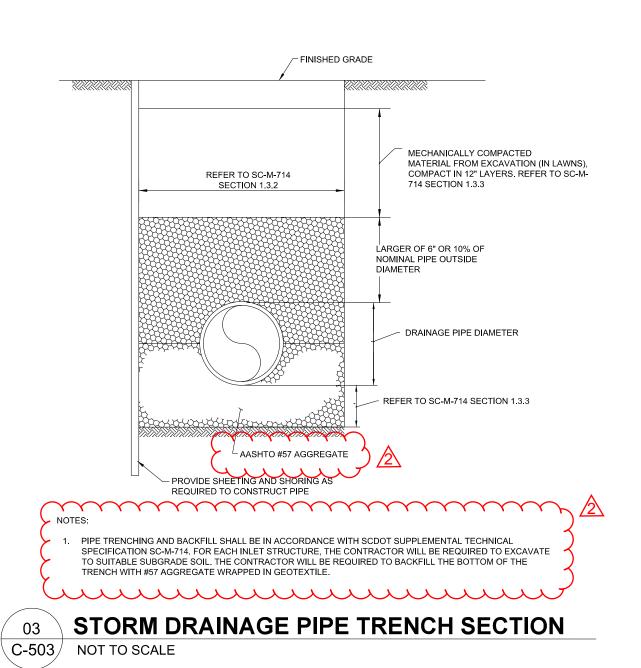
SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION SECTION 305.

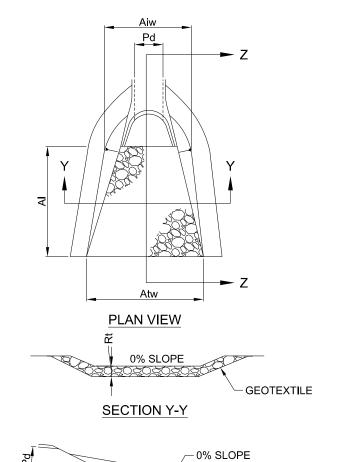
3. CONTRACTOR SHALL REPAIR PARKING LOT STRIPING IN KIND AFTER PAVEMENT PATCH IS COMPLETED. CONTRACTOR SHALL SUBMIT PAINT FOR REVIEW BY THE











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		RIPRAP		APRON		
OUTLET NO.	PIPE DIA. Pd (IN)	CLASS	THICK Rt (IN)	LENGTH AI (FT)	INITIAL WIDTH Aiw (FT)	TERMINAL WIDTH Atw (FT)
EW-1	36	В	27	20	9	29
EW-2	30	В	27	16	7.5	23.5
RG INLET	15	Α	18	8	3.75	11.75
RR-1	30	В	27	16	7.5	23.5

1. ALL APRONS SHALL BE CONSTRUCTED TO THE DIMENSIONS SHOWN. TERMINAL WIDTHS SHALL BE ADJUSTED AS NECESSARY TO MATCH RECEIVING CHANNELS. 2. ALL APRONS SHALL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH RUNOFF EVENT. DISPLACED RIPRAP WITHIN THE APRON SHALL BE REPLACED IMMEDIATELY.

RIPRAP APRON AT PIPE OUTLET WITH 04 FLARED END SECTION OR ENDWALL

C-503/ STANDARD CONSTRUCTION DETAIL #9-1 NOT TO SCALE

DETENTION POND OPERATIONS + MAINTENANCE

I. OPERATION & MAINTENANCE

- 1.) THE OUTLET STRUCTURE AND ITS ORIFICES WILL BE INSPECTED QUARTERLY AND AFTER MAJOR STORM EVENTS BY THE OWNER TO ENSURE THAT THEY ARE NOT CLOGGED OR BLOCKED. IN THE EVENT THAT AN ORIFICE IS CLOGGED OR BLOCKED IMMEDIATE ACTION WILL BE TAKEN TO RESTORE THE OUTLET STRUCTURE TO ITS DESIGNED SPECIFICATIONS. IN THE EVENT THAT THE OUTLET STRUCTURE IS DAMAGED THE OWNER WILL CONTACT THE TOWNSHIP ENGINEER FOR THE BEST PROCEDURE TO REMEDY THE SITUATION.
- 2.) THE POND BERMS WILL BE INSPECTED QUARTERLY AND AFTER MAJOR STORM EVENTS BY THE OWNER TO ENSURE THAT THE INSIDE AND OUTSIDE SLOPES AS WELL THE TOP OF BERM REMAIN STABILIZED. IF EROSION IS TAKING PLACE IMMEDIATE ACTION WILL BE TAKEN TO BRING THE BERM BACK TO DESIGNED CONDITIONS AND TO THEN STABILIZE THE BANK. A SLOPE LINER MAY BE REQUIRED IF EROSION PERSISTS. IF AN ANIMAL BURROW OR HOLE OF ANY KIND IS FOUND IN THE BERM THE HOLE SHOULD BE FILLED WITH MATERIAL SIMILAR TO THE POND BERM AND THEN IMMEDIATELY STABILIZED.
 - a) THE ENTIRE POND WILL BE INSPECTED ANNUALLY BY A QUALIFIED INDIVIDUAL. THIS INSPECTION WILL AT MINIMUM INCLUDE THAT WHICH IS INCLUDED IN 1) AND 2) ABOVE.
 - b) CATCH BASINS AND INLETS (UP GRADIENT OF POND) SHALL BE INSPECTED AND CLEANED AT LEAST TWO TIMES PER YEAR AND AFTER RUNOFF EVENTS.
 - c) THE VEGETATION ALONG THE SURFACE OF THE POND SHALL BE MAINTAINED IN GOOD CONDITION, AND ANY BARE SPOTS RE-
 - VEGETATED AS SOON AS POSSIBLE. d) VEHICLES SHOULD NOT BE PARKED OR DRIVEN ON ANY POND, AND CARE SHOULD BE TAKEN TO AVOID EXCESSIVE COMPACTION
 - e) INSPECT THE POND AFTER RUNOFF EVENTS AND MAKE SURE THAT RUNOFF DRAINS DOWN WITHIN 72 HOURS.
 - f) INSPECT FOR ACCUMULATION OF SEDIMENT, DAMAGE TO OUTLET CONTROL STRUCTURES, EROSION CONTROL MEASURES, SIGNS OF WATER CONTAMINATION/SPILLS, AND SLOPE STABILITY IN THE BERMS.
 - g) MOW ONLY AS APPROPRIATE FOR VEGETATIVE COVER SPECIES. (NOT WITHIN THE DETENTION/BIO-INFILTRATION FACILITY) h) REMOVE ACCUMULATED SEDIMENT FROM BASIN AS REQUIRED. RESTORE ORIGINAL CROSS SECTION AND INFILTRATION RATE.
 - i) WHILE VEGETATION IS BEING ESTABLISHED, PRUNING AND WEEDING IS REQUIRED.
 - j) DETRITUS IS TO BE REMOVED EVERY YEAR. PERENNIAL PLANTINGS MAY BE CUT DOWN AT THE END OF THE GROWING SEASON.
 - k) MULCH WILL BE RE-SPREAD WHEN EROSION IS EVIDENT AND BE REPLENISHED AS NEEDED. ONCE EVERY 2 TO 3 YEARS THE ENTIRE AREA MAY REQUIRE MULCH REPLACEMENT.
 - I) DURING PERIODS OF EXTENDED DROUGHT THE PLANTINGS IN THE PONDS WILL REQUIRE WATERING TREES AND SHRUBS ARE TO BE INSPECTED TWICE PER YEAR TO EVALUATE HEALTH AND REPLACED IF THEY ARE UNHEALTHY AND UNABLE TO BE REPAIRED.

INSPECTION SCHEDULE

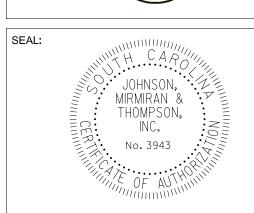
PROPERLY DISPOSE OF SEDIMENT.

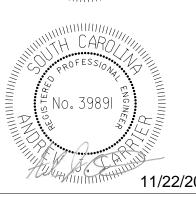
STORMWATER BEST MANAGEMENT PRACTICE	INSPECTION TO BE PREFORMED	MAJOR STORM EVENT	QUATERLY	BI-ANNUALLY	ANNUALLY	SEMI- ANNIJALI Y
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IN ILTRATION FORD	INSPECT OUTLET STRUCTURE FOR CLOGS					
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INTILITIZATION FONDO	INSPECT OUTLET STRUCTURE FOR CLOGS INSPECT SLOPES FOR EROSION INSPECT CATCH BASINS DRAINING TO PONDS AND REMOVE DEBRIS	\frac{1}{\infty}		\frac{1}{\infty}		\
	INSPECT OUTLET STRUCTURE FOR CLOGS INSPECT SLOPES FOR EROSION INSPECT CATCH BASINS DRAINING TO PONDS AND REMOVE DEBRIS ENSURE 72 HOUR DRAIN DOWN TIME FOR WATER DRAINING TO POND	\frac{1}{\sqrt{1}}		\frac{1}{\infty}		<i>J</i>
	INSPECT OUTLET STRUCTURE FOR CLOGS INSPECT SLOPES FOR EROSION INSPECT CATCH BASINS DRAINING TO PONDS AND REMOVE DEBRIS ENSURE 72 HOUR DRAIN DOWN TIME FOR WATER DRAINING TO POND INSPECT FOR ACCUMULATION OF SEDIMENT	\frac{1}{\frac{1}{3}}		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		\ \ \



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REVISIONS

NO.	DATE	DESCRIPTION
1	11/4/22	DTL 1 Note Revision
2	11/30/22	Addendum 3

PROJECT:

FRANCIS MARION UNIVERSITY STORMWATER DRAINAGE **IMPROVEMENTS** H18-N079-MJ

AS NOTED

EDA AWARD # 04-79-07484

PROJECT LOCATION: 4822 E PALMETTO ST. FLORENCE, SC 29506

PROJECT NUMBER: 21-01560-001

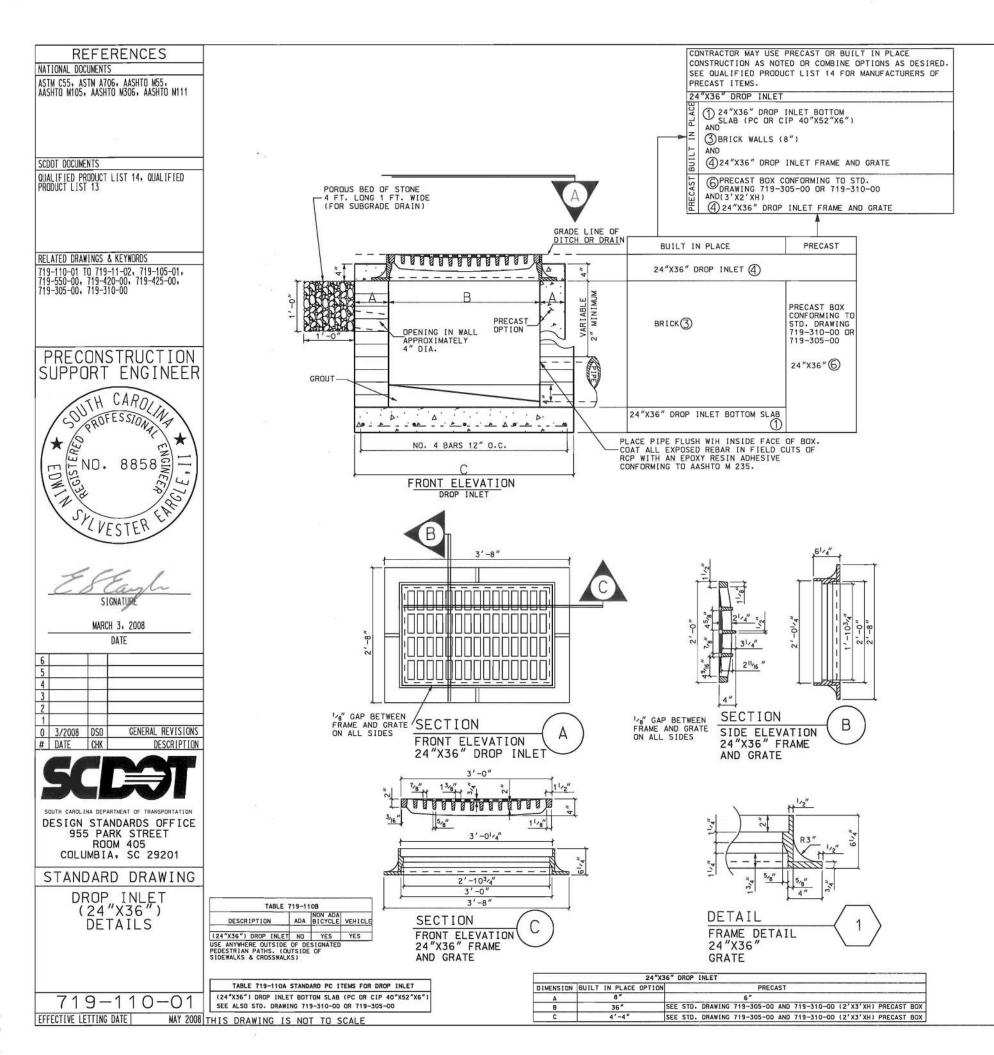
8/10/2022

PLAN SET: CONSTRUCTION PLAN

DRAWING TITLE:

DETAILS SHEET

DRAWING NUMBER:



NOTES:

1. SEE 719-105-01 FOR DROP INLET (24X24). FOR BUILT IN PLACE CONSTRUCTION OF THE CATCH BASIN WALLS, EITHER BRICK MASONRY (WALLS ONLY) OR CIP CLASS 3000 CONCRETE MAY BE USED. FOR PRECAST CONSTRUCTION, A MINIMUM OF CLASS 4000P CONCRETE SHALL BE USED.

2. CONCRETE WALLS ARE TO BE 6" THICK WITH A MINIMUM REIFORCING STEEL AREA 0.20 SQUARE INCHES PER FOOT UNLESS NOTED. FOR BRICK. THE WALLS ARE TO BE 8" THICK CONCRETE BRICK AND SIMILAR SOLID UNITS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C 55, GRADE S-11. THE INTERIOR DIMENSIONS ARE TO REMAIN AS SHOWN FOR EITHER TYPE OF CONSTRUCTION.

3. THE BOTTOM SLAB OF THE BOX SHALL BE A MINIMUM OF 6" THICK REINFORCED CONCRETE (CLASS 3000 OR 4000P) WITH A REINFORCING STEEL AREA OF 0.20 SQUARE INCHES PER FOOT. WIRE MESH BE USED IN LIEU OF STEEL BARS PROVIDED A MINIMUM OF 0.20 SQUARE INCHES PER FOOT I S MET.

5. REINFORCING STEEL SHALL BE ASTM A-706, LOW-ALLOY STEEL DEFORMED BARS FOR CONCRETE REINFORCEMENT, GRADE 60. WIRE MESH SHALL CONFORM TO AASHTO M 55 AND M.

6. SEE STANDARD DRAWING 719-550-00 FOR STEPS, WHICH ARE REQUIRED WHEN STRUCTURE DEPTH EXCEEDS 4'-6".

7. SEE STANDARD DRAWINGS 719-420-00 AND 719-425-00 FOR DEPTHS GREATER THAN 12'. PRECAST CONCRETE CIRCULAR DRAINAGE STRUCTURES ARE REQUIRED WHEN THE DEPTH FROM THE TOP OF THE ORDINAGE BOX BOTTOM SLAB TO THE TOP OF THE GROUND EXCEEDS 12'-0".

8. LOCATION AND SIZE OF PIPES ARE SITE SPECIFIC. (SEE DRAINAGE PLANS). THE BOTTOM OF THE CATCH BASIN IS TO BE GROUTED TO THE LOWEST FLOW LINE ELEVATION OF ALL PIPES. BOTTOM SLAB IS CAST IN PLACE WITH PIPES INSTALLED, BOTTOM SLAB THICKNESS MUST BE ACHIEVED BEYOND PIPE OUTSIDE DIAMETER.

9. THE FLOOR OF THE BASIN MUST SLOPE IN THE DIRECTION OF THE OUTLET PIPE AS SHOWN AND THE INSIDE OF OUTLET PIPE SHALL BE FLUSH WITH FLOOR OF BASIN.

10. SEE STANDARD DRAWING 719-305-00 OR 719-310-00 FOR MAXIMUM PIPE DIAMETERS. THE PIPE SIZES SHOWN ARE MAXIMUM FOR BRICK AND PRECAST BOXES WHEN PIPE ENTERS PERPENDICULAR AND AT THE CENTER OF THE BOX WALL. CONTRACTOR SHOULD CONFIRM THAT PIPE USED FITS APPROPRIATELY INTO BOX. FRAME AND GRATE NOTES:

11. ALL CASTINGS SHALL CONFORM TO AASHTO M 105, CLASS 35B AND THE SPECIFICATIONS OF AASHTO M 306

12. (a) STEEL GRATES AND FRAME MAY BE USED IN LIEU OF CAST IRON AS LONG AS THE LOADING (NOTE 12d) AND HYDRAULIC REQUIREMENTS ARE MET, AND ARE ON THE DEPARTMENT'S LIST OF APPROVED SUPPLIERS. (QUALIFIED PRODUCT LIST 45)
(b) STEEL GRATES SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH AASHTO M 111.
(C) STEEL GRATES AND FRAMES SHALL BE DIMENSIONED TO BE INTERCHANGEABLE WITH EACH PIECE OF THE CAST IRON GRATE AND FRAME SHOWN. STEEL GRATES MUST HAVE POSITIVE MEANS TO BE RETAINED IN THE FRAME.
(d) STRENGTH REQUIREMENTS OF STEEL GRATES AND FRAMES MUST MEET AASHTO M 306
(e) MANUFACTURERS DESIRING TO BE PLACED ON THE DEPARTMENT'S QUALIFIED PRODUCT LIST SHOULD CONTACT THE MATERIALS AND RESEARCH ENGINEER FOR PROCEDURES.

13. THE LONGEST DIMENSIONS OF THE OPENING IN THE IRON GRATE SHOULD BE ORIENTED IN THE DIRECTION OF FLOW, IF PRACTICABLE. THIS GRATE IS NOT SUITABLE FOR PEDESTRIAN TRAFFIC BECAUSE GRATE OPENINGS EXCEED 2".

14. AS SHOWN BY THIS DRAWING, THE FRAME IS SET LEVEL, BUT THE RESIDENT CONSTRUCTION ENGINEER MAY SET SAME ON SLOPE AS REQUIRED BY LOCAL DRAINAGE CONDITIONS.

15. AFTER THE FRAME IS SET IN ITS FINAL POSITION, IT IS TO BE ENCASED WITH CONCRETE AS SHOWN BY DRAWING.

16. ALL MANUFACTURING PROCESSES FOR THE FRAME AND GRATE MUST OCCUR IN THE UNITED STATES.

17. THE USE OF PRECAST UNITS WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF OBTAINING SATISFACTORY INSTALLATIONS. SEE STANDARD DRAWINGS FOR PRECAST CONCRETE DRAINAGE BOX OR STRUCTURE FOR ADDITIONAL DETAILS AND SPECIFICATIONS.

18. LIFT HOLES AND/OR DEVICES MAY BE PLACED AS NECESSRY. ALL LIFT HOLES SHALL BE GROUTED SHUT PRIOR TO COMPLETION OF THE INSTALLATION. ALL LIFTING METHODS MUST MEET OSHA REGULATIONS.

19. THE CONTRACTOR SHALL USE A SINGLE SOURCE MANUFACTURER CHOSEN FROM THE LIST ON OUALIFIED PRODUCT LIST 14 FOR PRECAST ITEMS ON THIS DRAWING.

20. FOLLOW QUALIFIED PRODUCT POLICY 14 IN ORDER TO BE LISTED ON QUALIFIED PRODUCT LIST 14.

21. CONTRACTOR MAY SUBMIT DESIGN DRAWINGS AND CALCULATIONS FOR MODIFICATIONS TO THIS ITEM ON A PROJECT BY PROJECT BASIS. MODIFICATIONS TO THESE ITEMS WILL NOT BE LISTED ON ANY QUALIFIED PRODUCT LIST. SUBMIT ALL PROPOSALS FOR PROJECT SPECIFIC MODIFICATIONS TO THE RESIDENT ENGINEER FOR REVIEW BY THE ENGINEER OF RECORD.

22. JOINTS BETWEEN INSTALLED PIECES AND PRECAST ITEMS TO BE PLACED SHALL BE SEALED WITH A''2" GROUT LIFT OR AN APPROPRIATE PLASTIC PREFORMED GASKET (FROM QUALIFIED PRODUCT LIST 13.) PRECAST INSTALLATION NOTES:

23. BED SHALL BE PREPARED AND COMPACTED FOR PRECAST DRAINAGE STRUCTURE AS REQUIRED BY SCDOT STANDARD SPECIFICATIONS FOR PRECAST ITEMS. ELEVATION OF BEDDING MATERIAL SHALL BE APPROPRIATE TO ACCOMMODATE ELEVATION OF ALL PIPES AND REQUIRED BOX TOP ELEVATION.

24. PLACE AND LEVEL PRECAST BOX OR SLAB.

25. PIPES SHALL BE INSTALLED AND GROUTED IN PLACE.

26. PIPES AND BOX SHALL BE BACKFILLED AND COMPACTED AS REQUIRED BY SCDOT STANDARD SPECIFICATIONS.

27. ANY LOCATION WHERE THE ABOVE REQUIREMENTS CANNOT BE MET SHALL BE COMPLETED USING CAST IN PLACE MATERIALS MEETING THE REQUIREMENTS OF THIS STANDARD DRAWING. ANY ADDITIONAL MATERIALS OR COSTS ASSOCIATED WITH THE USE OF PRECAST SHALL BE PAID FOR BY THE CONTRACTOR AND MAY NOT BE CHARGED TO SCDOT.

28. THE CONTRACT UNIT PRICE FOR DROP INLETS SHALL INCLUDE THE COST OF FURNISHING ALL MATERIALS, (BUILT IN PLACE OR PRECAST), AND WORK INCIDENTAL TO THE CONSTRUCTION OF THE STRUCTURE COMPLETE IN PLACE AS SHOWN, INCLUDING THE CURB AND GUTTER, IN ACCORDANCE WITH THE SCOOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION).

29. PRECAST CONCRETE CIRCULAR STRUCTURES (AS SHOWN ON 719-420-00) ARE REQUIRED FOR THE FOLLOWING APPLICATIONS UNLESS PROHIBITED BY THE PLANS OR SPECIAL PROVISIONS.

(a) ON DRAINAGE STRUCTURES WITHA A DEPTH EQUAL TO OR GREATER THAN 12 FEET.

(b) ON DRAINAGE STRUCTURES WHERE THE FLOW LINE ELEVATION OF THE INLET PIPE IS EQUAL TO OR HIGHER THAN THE INSIDE TOP (SOFFIT) OF THE OUTLET PIPE.

(c) AS REQUIRED BY THE PROJECT PLANS.

30. THE PAY ITEM SHALL BE: DROP INLET (24"X36")_____

USE SHEETS 719-110-01 THROUGH 719-110-02 FOR THIS ITEM.