



SUMMER 2025 PROJECTS HORNE ARENA PARKING LOT & BEARCAT VILLAGE DRIVE

FOR

LANDER UNIVERSITY 320 STANLEY AVENUE GREENWOOD, SOUTH CAROLINA 29646



	WATER METER
	FIRE HYDRANT
	SANITARY SEWER MANHOLE
	WATER VALVE
	STORM SEWER
	GAS LINE
	OVERHEAD POWER LINE
	SANITARY SEWER
	10" WATER LINE
	8" WATER LINE
	2" WATER LINE
	1 1/2" WATER LINE
	1" WATER LINE
	3/4" WATER LINE
	OVERHEAD UTILITY LINES
	UNDERGROUND POWER LINE
	SIGN
	GAS VALVE
	GRATE INLET
	CATCH BASIN
	JUNCTION BOX
	FIBER OPTIC LINE
	SANITARY SEWER CLEANOUT
	LIGHT POLE
	GUARD POST
	GAS MARKER
	TELEPHONE PEDESTAL
	BUILDING
	CONCRETE
	GRAVEL
	VARIOUS TREES
	POWER POLE
	CHAIN LINK FENCE
	COMMUNICATION MH
	ELECTRICAL MH
	FIBER OPTIC MARKER

UTILITY CONTACTS:

SEWER:
GREENWOOD METROPOLITAN DISTRICT
110 METRO DRIVE
GREENWOOD, SC 29646
(864) 943-8005

WATER:
GREENWOOD CPW
810 BY-PASS 225 SW
GREENWOOD, SC 29646
(864) 942-8183

STORM DRAINAGE:
GREENWOOD CITY/COUNTY
528 MONUMENT STREET ROOM B-02
GREENWOOD, SC 29646
(864) 942-8639

POWER:
GREENWOOD CPW
810 BY-PASS 225 SW
GREENWOOD, SC 29646
(864) 942-8100
OR
DUKE POWER
720 BY-PASS 72 NW
GREENWOOD, SC 29649
(864) 227-3868

GAS:
GREENWOOD CPW
810 BY-PASS 225 SW
GREENWOOD, SC 29646
(864) 942-8164

ROADWAY:
GREENWOOD CITY/COUNTY
528 MONUMENT STREET ROOM B-02
GREENWOOD, SC 29646
(864) 942-8639
OR
SCDOT
510 WEST ALEXANDER AVE
GREENWOOD, SC 29646
(864)227-6701

DRAWING INDEX

CS	COVER SHEET
C200	HORNE ARENA PARKING LOT
C300	BEARCAT VILLAGE DRIVE

PREPARED
BY



ISSUED FOR BIDDING



NOTES:

- CONTRACTOR SHALL COORDINATE ALL WORK ASSOCIATED WITH THIS PROJECT WITH LANDER UNIVERSITY, JEFF BEAVER, DIRECTOR OF ENGINEERING SERVICES AT (864) 388-8208 PRIOR TO BEGINNING ANY WORK.
- CALL SC811 FOR UTILITY LOCATION BEFORE BEGINNING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE ON ALL WORK. POOLING OF RUNOFF WILL NOT BE ACCEPTED.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING SIDEWALKS/PAVEMENTS/LANDSCAPING THAT ARE NOT WITHIN THE PROJECT AREA AT NO ADDITIONAL COST TO THE OWNER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE PROJECT SURROUNDINGS AND CONDITIONS PRIOR TO BIDDING THE PROJECT.
- ANY WASTE MATERIAL REMOVED FROM THIS PROJECT SHALL BE PROPERLY DISPOSED OF OFF SITE.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY PERMITS AND LICENSES THAT MAY BE REQUIRED FOR THIS PROJECT.
- CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY UTILITY LINES, IRRIGATION LINES, SPRINKLER HEADS, TELEPHONE LINES, COMMUNICATION LINES, ETC... AS PART OF THIS PROJECT AND THERE SHALL BE NO ADDITIONAL COSTS TO THE OWNER FOR SAID REPAIR.
- THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE PROJECT AREA DURING CONSTRUCTION AND AFTER HOURS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING MANHOLE TOPS AND STORM DRAIN INLETS.
- ANY REROUTING OF NORMAL TRAFFIC FLOW TO ACCOMMODATE CONSTRUCTION SHALL BE COORDINATED WITH LANDER UNIVERSITY.
- THE CONTRACTOR WILL ADHERE TO THE WEIGHT LIMITS PRESCRIBED ON COUNTY AND STATE MAINTAINED ROADS FOR HAULING EQUIPMENT AND/OR MATERIALS TO AND FROM THIS SITE. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO THE STREETS AND/OR UTILITIES DUE TO NON-COMPLIANCE OF WEIGHT LIMIT REGULATIONS.
- THE EXISTENCE, ABSENCE, LOCATION, AND DEPTH OF UTILITIES AND UNDERGROUND ITEMS HAVE BEEN DETERMINED BY ORDINARY SURVEYING METHODS, FROM FIELD OBSERVATIONS, AND FROM INFORMATION PROVIDED BY THE UTILITY COMPANIES AND THE OWNER AND ARE NOT GUARANTEED.
- CONTRACTOR IS RESPONSIBLE FOR REMOVING OR CLEANING OUT ANY SILT, DIRT, MUD OR ANY OTHER TYPE OF DEBRIS THAT COMES OFF THIS SITE AND FINDS ITS WAY ONTO PRIVATE OR COUNTY OWNED PROPERTIES TO INCLUDE RIGHT OF WAYS.
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATIONS OF ALL EXISTING PIPES, UTILITIES AND STRUCTURES BEFORE BEGINNING CONSTRUCTION. CALL P.U.P.S. BEFORE DIGGING.
- PARKING LOT BASE MATERIAL COMPACTED TO NO LESS THAN 95% OF MAXIMUM DENSITY. THE BASE SHALL SHOW NO MORE THAN 1/4" DEFLECTION OVER A TEN FOOT SPAN WHEN SUBJECTED TO A LOAD OF 18,000 POUNDS ON A SINGLE AXLE.
- ALL WORK ADJACENT TO EXISTING ASPHALT SHALL MATCH THE GRADE AND HAVE A SMOOTH TRANSITION.
- ALL WORKMANSHIP WILL CONFORM TO LANDER UNIVERSITY, CITY OF GREENWOOD, SCDHEC, SCDOT & OSHA STANDARDS, AND THE PROJECT PLANS.
- ALL DISTURBED AREAS MUST BE STABILIZED UPON COMPLETION OF CONSTRUCTION.
- PRIOR TO FILL OPERATIONS, ALL AREAS THAT ARE TO RECEIVE FILL SHALL BE PROOF-ROLLED WITH APPROPRIATE CONSTRUCTION EQUIPMENT APPROVED BY THE GEOTECHNICAL ENGINEER, AND ALL UNSTABLE MATERIAL SHALL BE REMOVED OR STABILIZED IN PLACE, AND THEN COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY TO A MINIMUM DEPTH OF TWELVE (12) INCHES, AS DETERMINED BY ASTM D-698 (STANDARD PROCTOR) OR AS OTHERWISE DETERMINED BY THE GEOTECHNICAL ENGINEER. THESE TESTS WILL BE AT THE CONTRACTOR'S EXPENSE AND ARE THE CONTRACTOR'S RESPONSIBILITY.
- CONTRACTOR IS RESPONSIBLE FOR ALL FIELD LOCATION OF PROPOSED DEVELOPMENT.
- THE CONTRACTOR SHALL COORDINATE THE WORK OF THE UTILITY COMPANIES, AS NEEDED.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND ELEVATIONS OF ALL EXISTING PIPES, UTILITIES, AND STRUCTURES BEFORE BEGINNING CONSTRUCTION. CALL SC811 BEFORE DIGGING.
- CONTRACTOR SHALL CONDUCT A PROOF-ROLL TEST ON THE SUBGRADE IN THE PRESENCE OF THE ENGINEER PRIOR TO INSTALLING ANY STONE BASE MATERIAL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER AT LEAST 48 HOURS IN ADVANCE OF THE PROOF-ROLL TEST.
- SITE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A COPY OF APPROVED SITE DRAWINGS FROM THE OWNER OR ENGINEER PRIOR TO BEGINNING ANY SITE WORK. A COPY OF THE APPROVED PLANS SHALL BE KEPT ONSITE DURING CONSTRUCTION.
- ALL FILL MATERIAL PLACED IN AREAS SUBJECT TO VEHICULAR TRAFFIC SHALL BE COMPACTED TO 95% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D-698 (STD. PROCTOR TEST). ALL OTHER BACKFILL TO BE COMPACTED TO 90% OF MAXIMUM DENSITY.
- ALL AREAS TO RECEIVE ASPHALT SEALANT SHALL BE PROPERLY CLEANED OF ANY DEBRIS OR SEDIMENT PRIOR TO APPLYING THE SEALANT.
- ASPHALT SEALANT SHALL BE MASTERSEAL ASPHALT BASED PAVEMENT SEALER OR APPROVED EQUAL.
- ASPHALT SEALANT SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S INSTRUCTION.
- ALL TRAFFIC PAINT MARKINGS SHALL CONFORM TO MUTCD STANDARDS.
- TRAFFIC MARKINGS SHALL BE BE HOTLINE FAST-DRY WATERBORNE PAINT BY SHERWIN WILLIAMS OR APPROVED EQUAL.
- ASPHALT SEALANT SHALL BE ALLOWED TO CURE A MINIMUM OF 24 HOURS PRIOR TO STRIPING.
- ASPHALT PAVEMENT SHALL BE ALLOWED TO CURE A MINIMUM OF 48-72 HOURS PRIOR TO ALLOWING ANY VEHICULAR TRAFFIC TO DRIVE ON THE SURFACE A MINIMUM OF 24 HOURS PRIOR TO STRIPING.

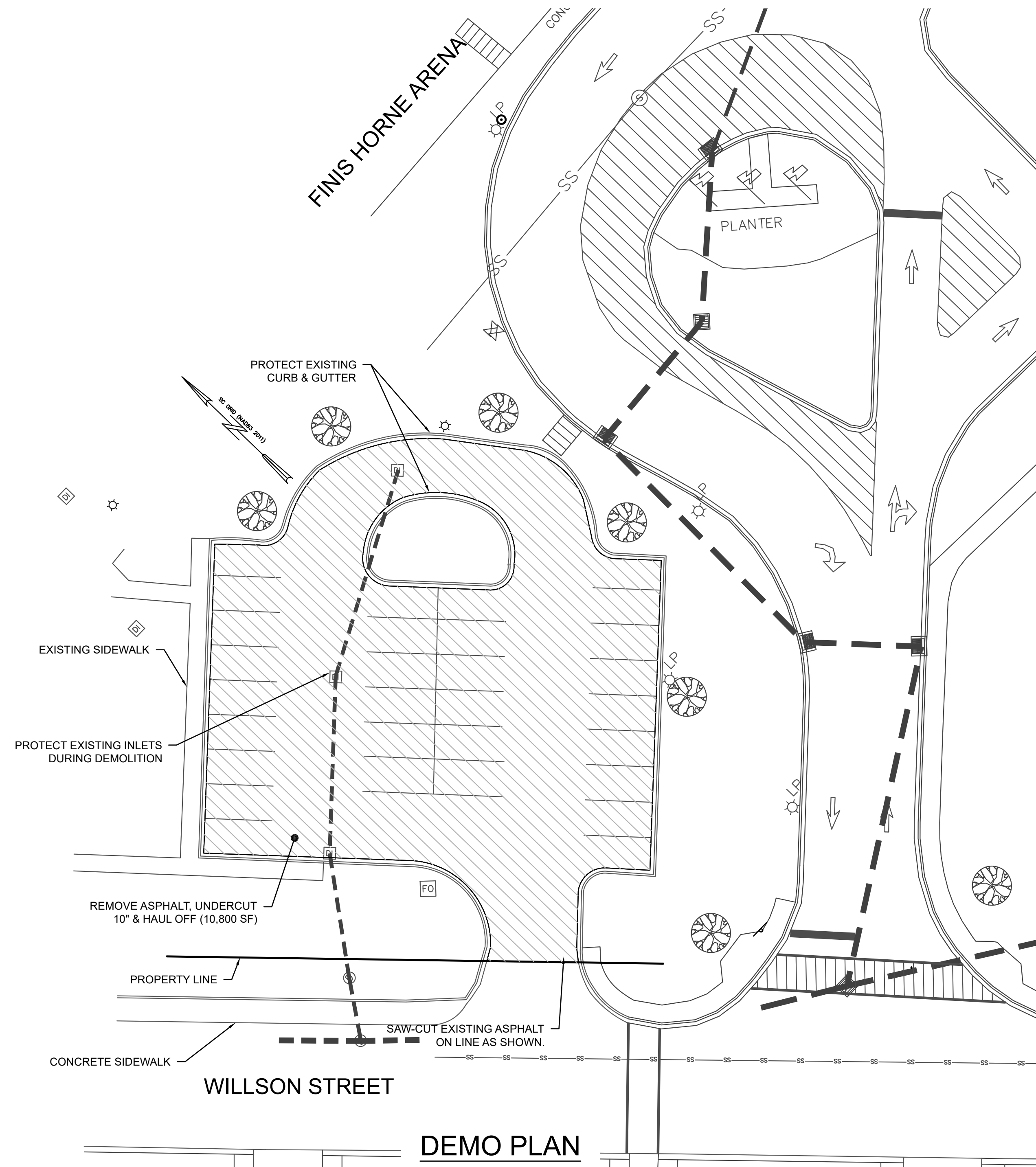
LEGEND



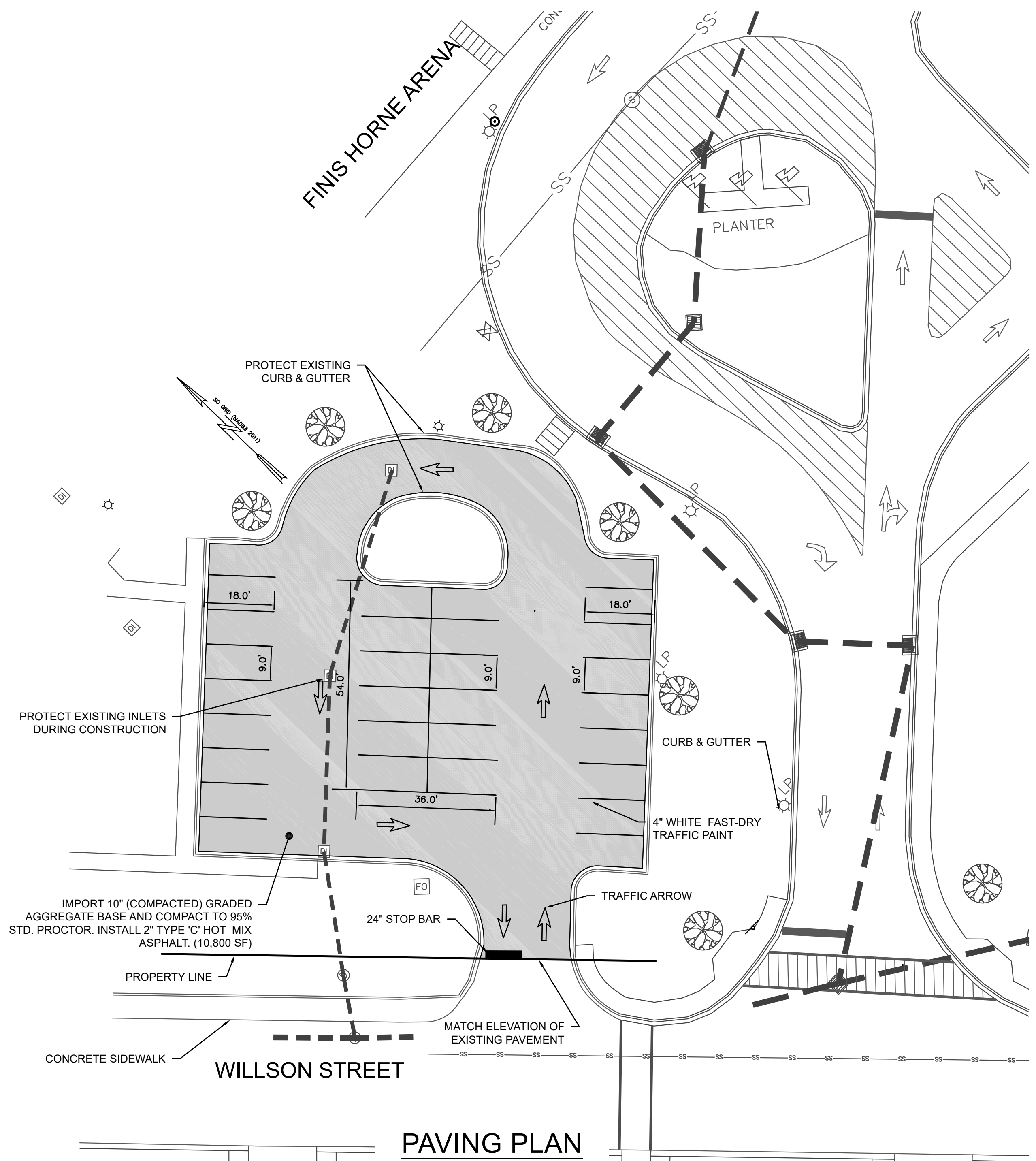
UTILITY WARNING:
The underground utilities shown have been located from field survey information and existing drawings. The Surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

NO	REVISED	CHKD	DATE
1		DEFIL	
2		DEFIL	
3		DEFIL	
4		DEFIL	
5		DEFIL	
6		DEFIL	

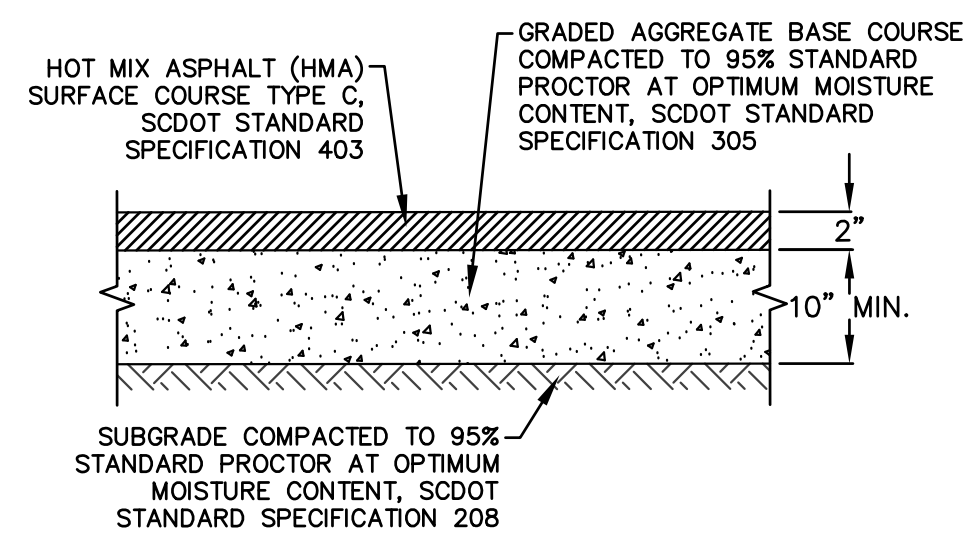
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DEMO PLAN

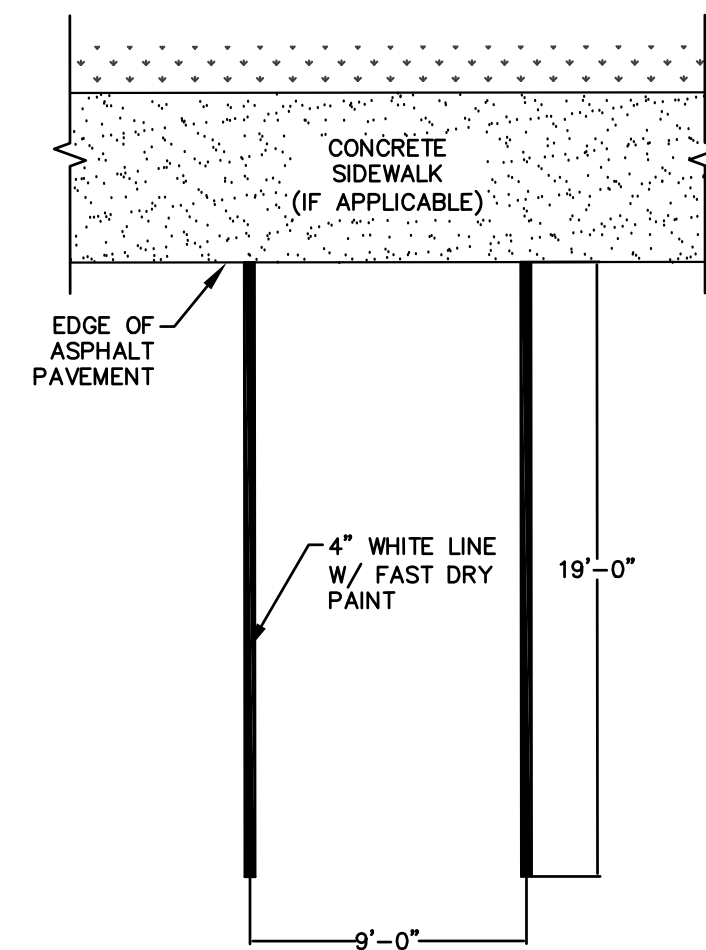


PAVING PLAN



PARKING LOT PAVEMENT DETAIL
NOT TO SCALE

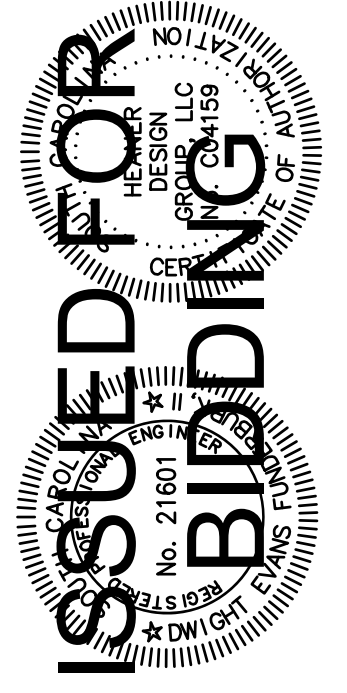
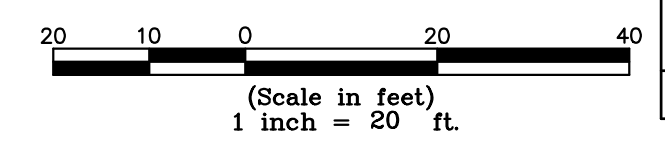
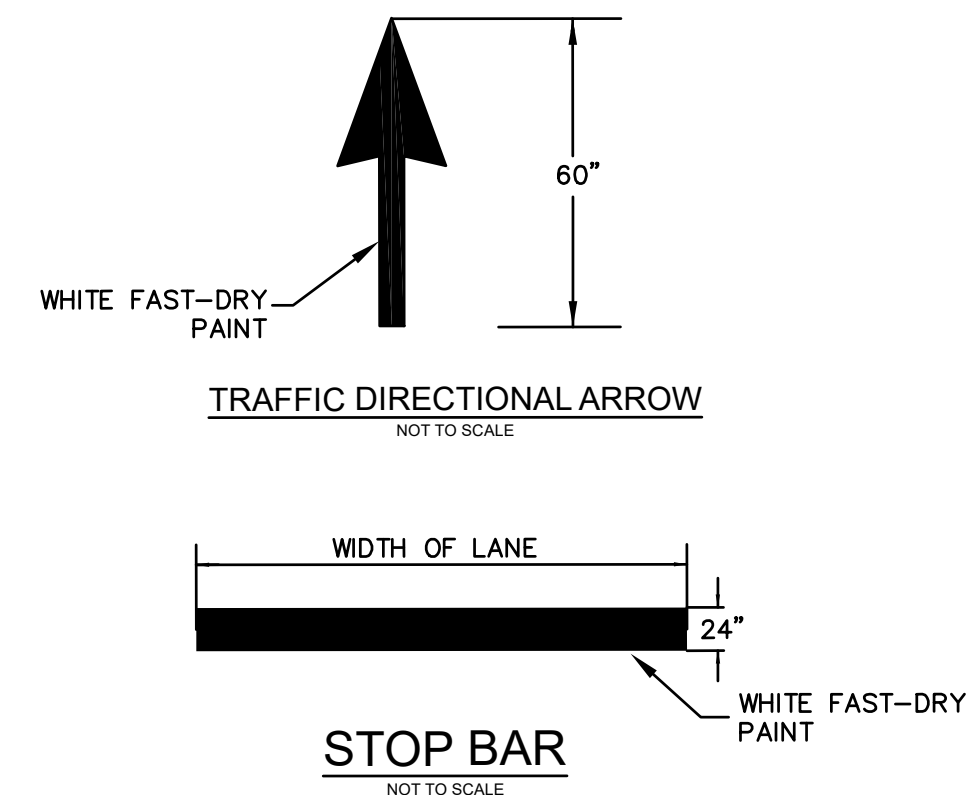
NOTE:
COMPACTED SUBGRADE MUST BE SUBJECTED TO A PROOF ROLL TEST AND WITNESSED BY THE ENGINEER PRIOR TO PLACING ANY PAVEMENT MATERIAL.



TYPICAL PARKING SPACE STRIPING DETAIL
NOT TO SCALE

NOTE:
ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH MUTCD STANDARD, MOST RECENT EDITION.

VERIFY DIMENSIONS OF PARKING SPACES WITH SITE PLANS AS THERE ARE POSSIBLY DIFFERENT DIMENSIONS FOR THE PARKING LOTS.



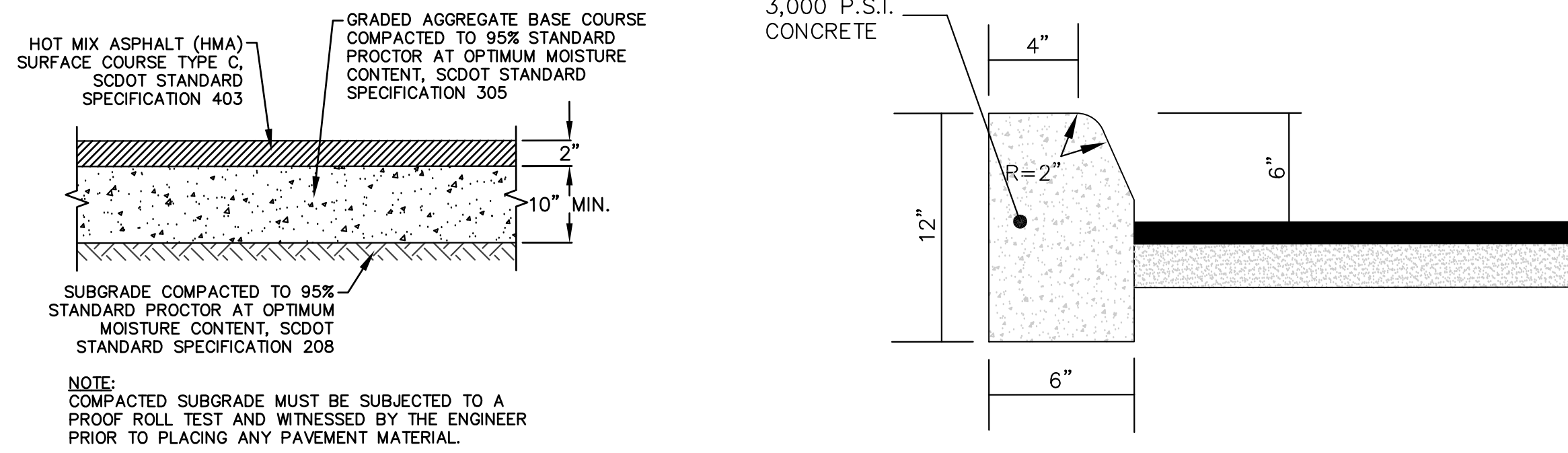
HEANER DESIGN GROUP
400 CAMBRIDGE AVE. WEST • P.O. BOX 50827
GREENWOOD, SOUTH CAROLINA 29615
PHONE: (803) 223-1223 • WWW.HEANERGROUP.COM

**SUMMER 2025 PROJECTS
HORNE ARENA PARKING LOT
FOR
LANDER UNIVERSITY
GREENWOOD, SOUTH CAROLINA**

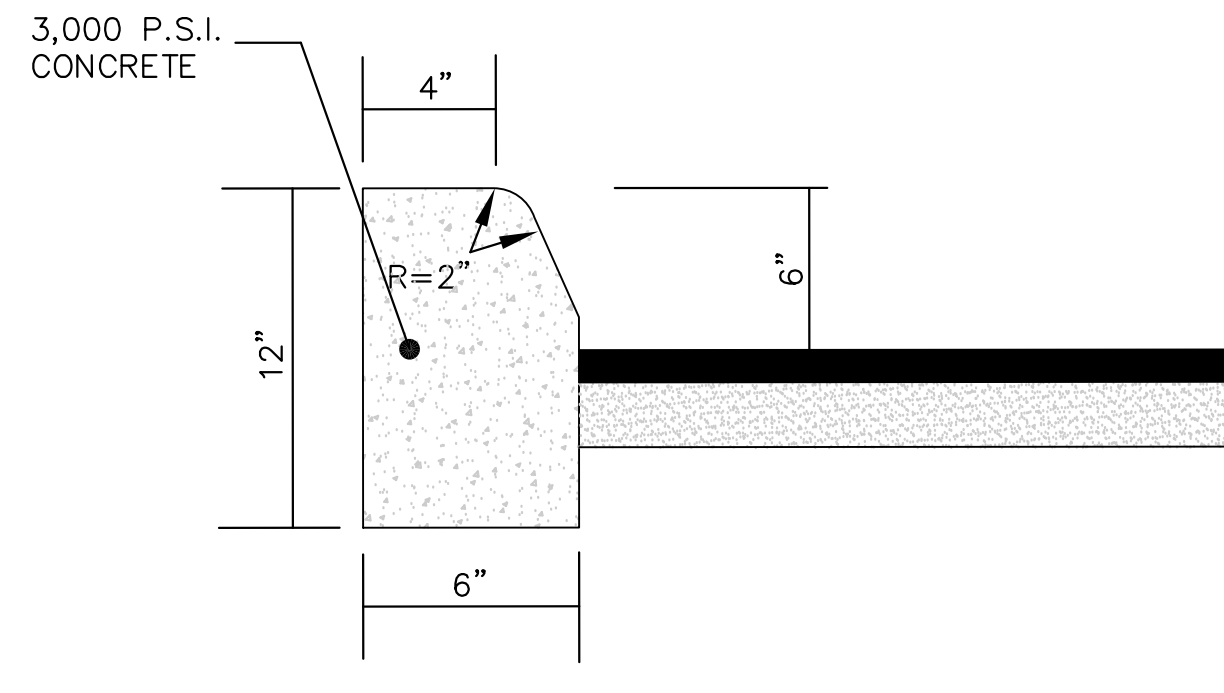
CIVIL	
DEMO / PAVING PLAN	
NO.	CHG'D DATE
REVISION	
DESIGNED BY: DEFIL	JOB NUMBER: 2025-037
CHECKED BY: DEFIL	DATE: 6/12/25
APPROVED BY: DEFIL	
SHEET	
C200	

13 8/25/2025 10:27:12 AM

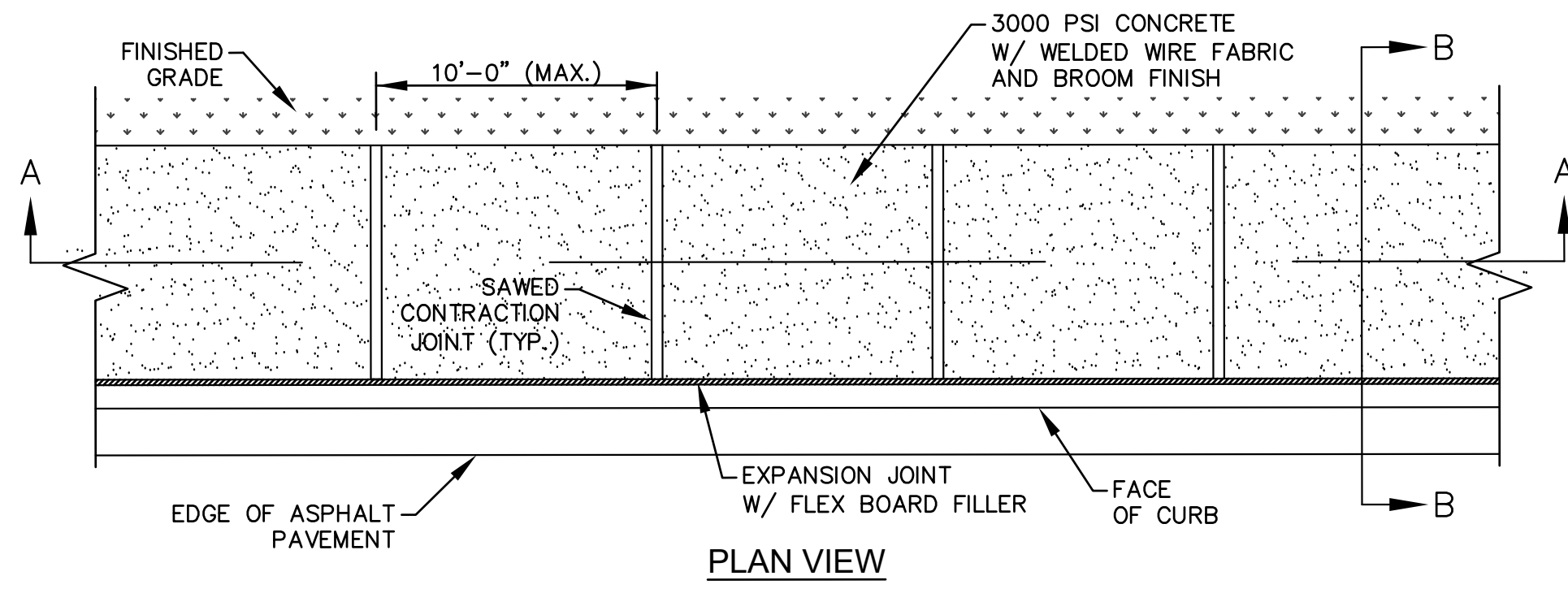
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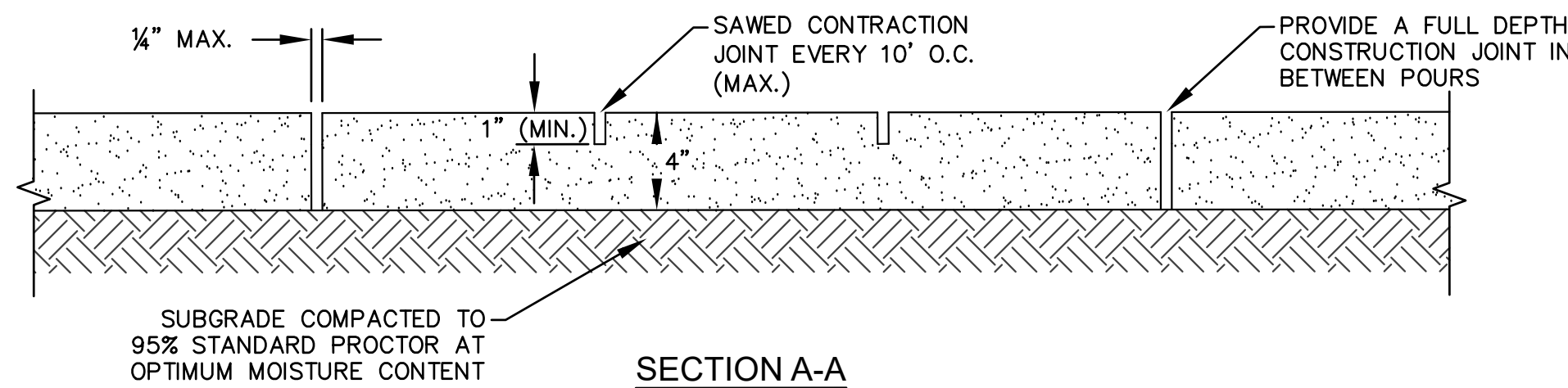
PARKING LOT PAVEMENT DETAIL
NOT TO SCALE



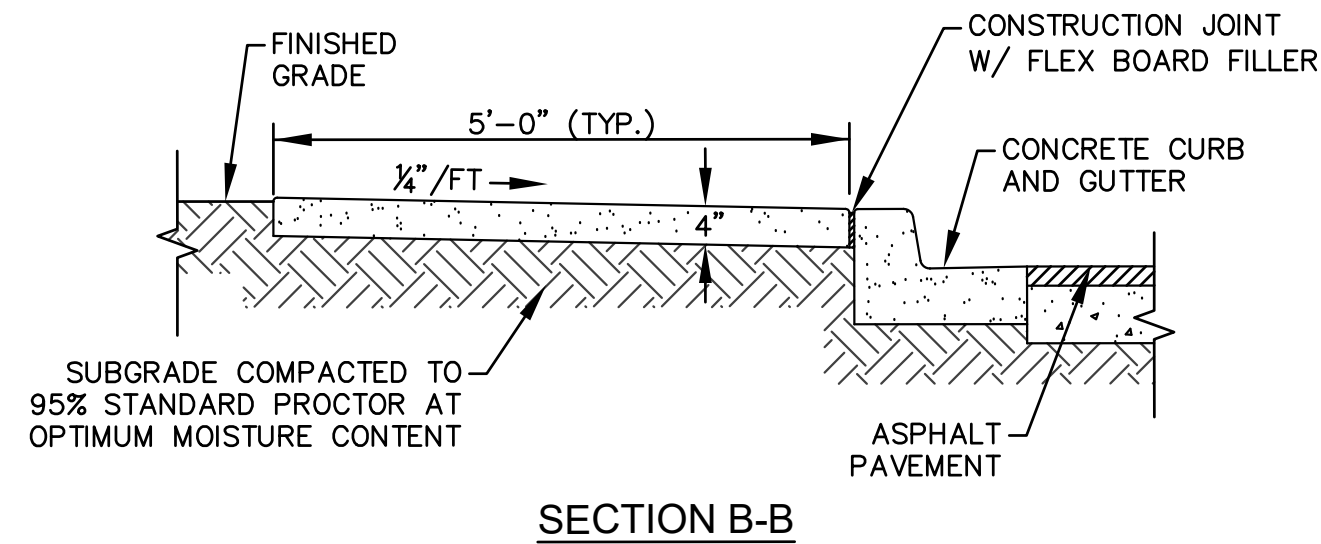
CONCRETE HEADER CURB
NOT TO SCALE



PLAN VIEW

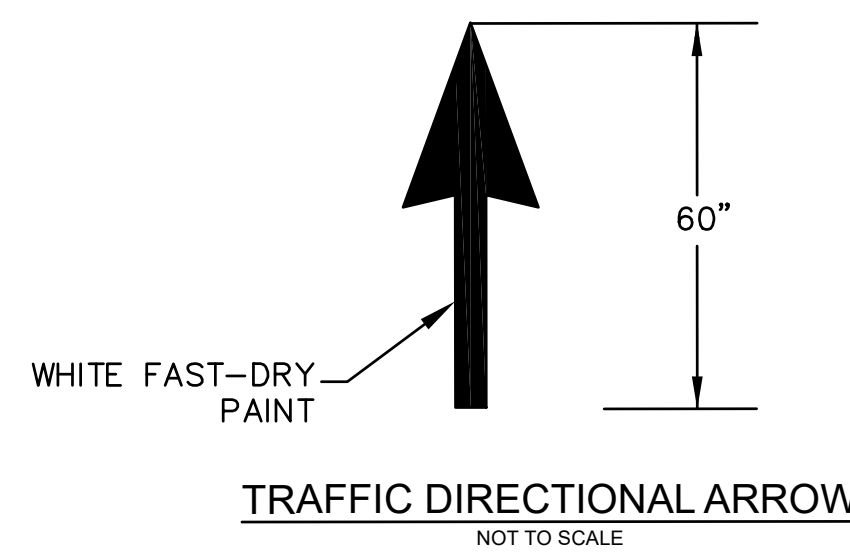


SECTION A-A

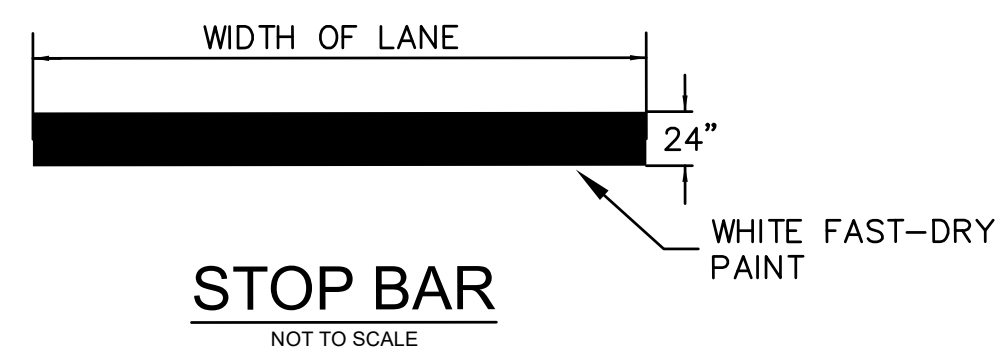


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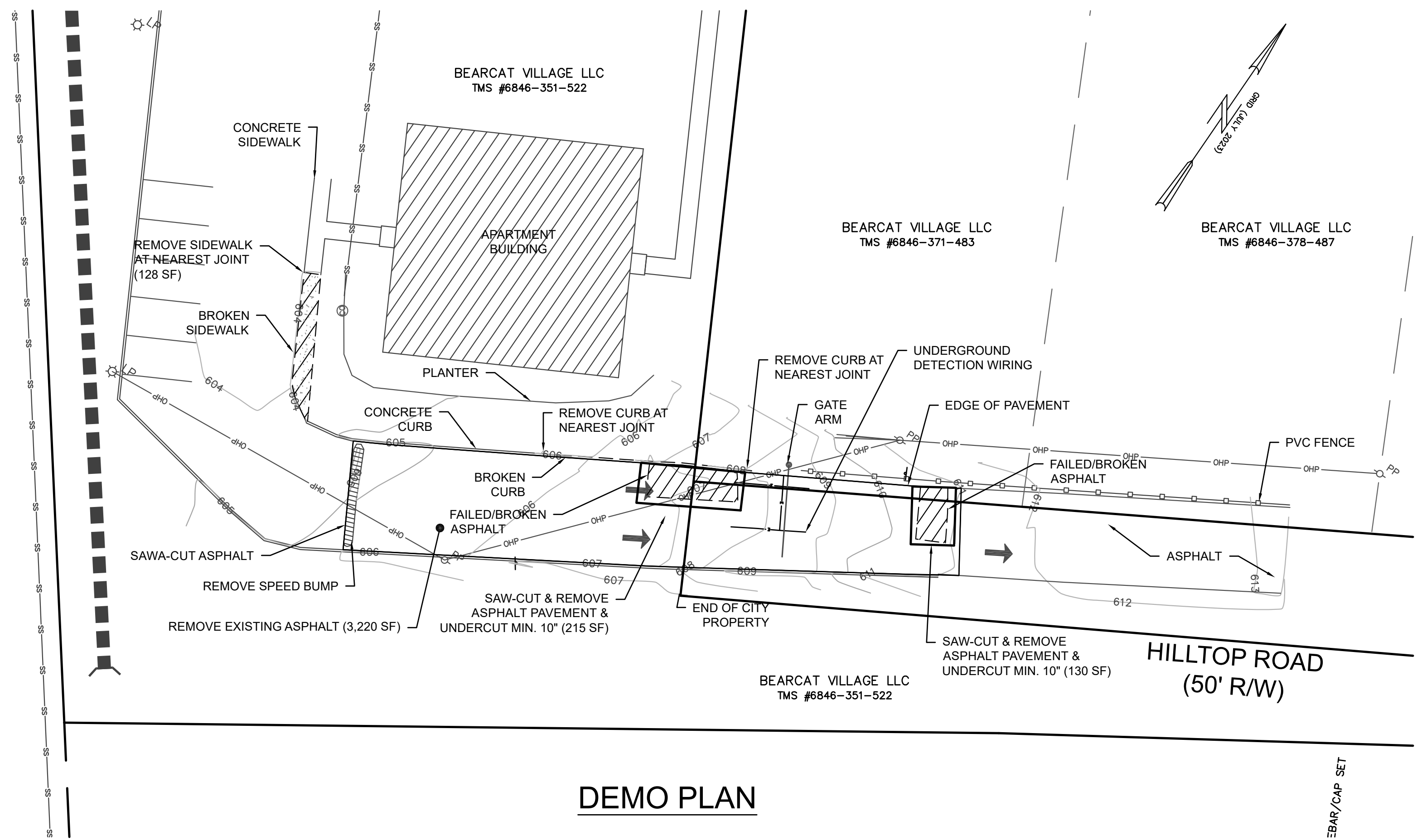
SIDWALK DETAIL
NOT TO SCALE



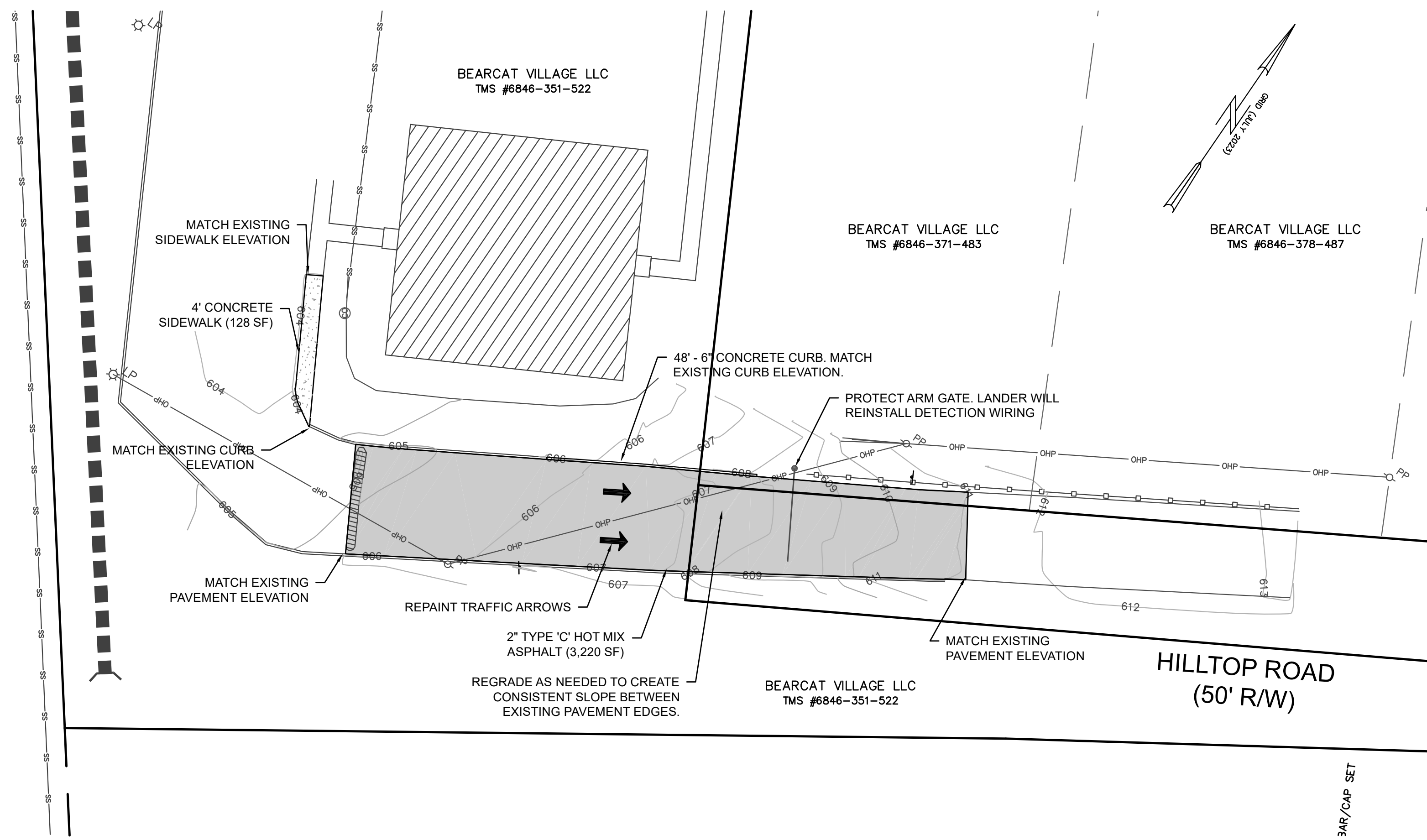
TRAFFIC DIRECTIONAL ARROW
NOT TO SCALE



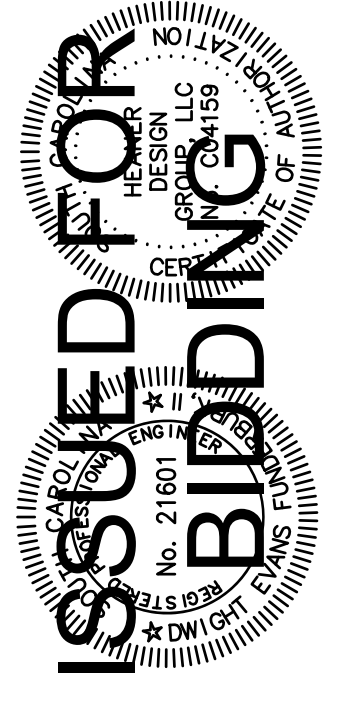
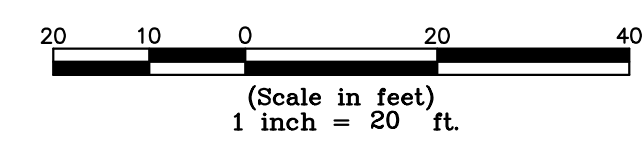
STOP BAR
NOT TO SCALE



DEMO PLAN



PAVEMENT REPAIR PLAN



HEANER DESIGN GROUP
420 CAMBRIDGE AVE. WEST • P.O. BOX 50827
GREENWOOD, SOUTH CAROLINA 29615-0827
PHONE: (803) 223-1233 • WWW.HEANERGROUP.COM

SUMMER 2025 PROJECTS
BEARCAT VILLAGE
FOR
LANDER UNIVERSITY
GREENWOOD, SOUTH CAROLINA

CIVIL	
DEMO/PAVEMENT REPAIR PLAN	
NO.	REVISION
DESIGNED BY:	DEFI
CHECKED BY:	DEFI
DATE:	2025-03-25
APPROVED BY:	DEFI
DATE:	6/12/25

SHEET

C300

11.02.2019 08:00:00 AM (UTC-04:00) Rev: 00/01