

ASPHALT PAVEMENT REPAIR FRANK G. RUSSELL CAREER CENTER FOR GREENWOOD SCHOOL DISTRICT 50 GREENWOOD, SOUTH CAROLINA

DRAWING INDEX

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- C 2.2 SCDOT DETAILS

PREPARED
BY



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	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
	WATER PLUG
	WATER REDUCER
	OVERHEAD UTILITY LINES
	UNDERGROUND POWER LINE
	SIGN
	GAS VALVE
	CATCH BASIN
	FIBER OPTIC LINE
	SANITARY SEWER CLEANOUT
	LIGHT POLE
	GUARD POST
	WOODS LINE
	POST VALVE
	WELL
	GAS MARKER
	DOWNSPOUT
	TRANSFORMER
	AIR CONDITIONER
	FIBER OPTIC MARKER
	TELEPHONE PEDESTAL
	BUILDING
	CONCRETE
	GRAVEL
	VARIOUS TREES
	POWER POLE
	CHAIN LINK FENCE
	TYPE C INLET FILTER
	TYPE A INLET FILTER
	ROCK FILTER RING
	STORM INLET
	SILT FENCE
	DISTURBED LIMITS

LEGEND



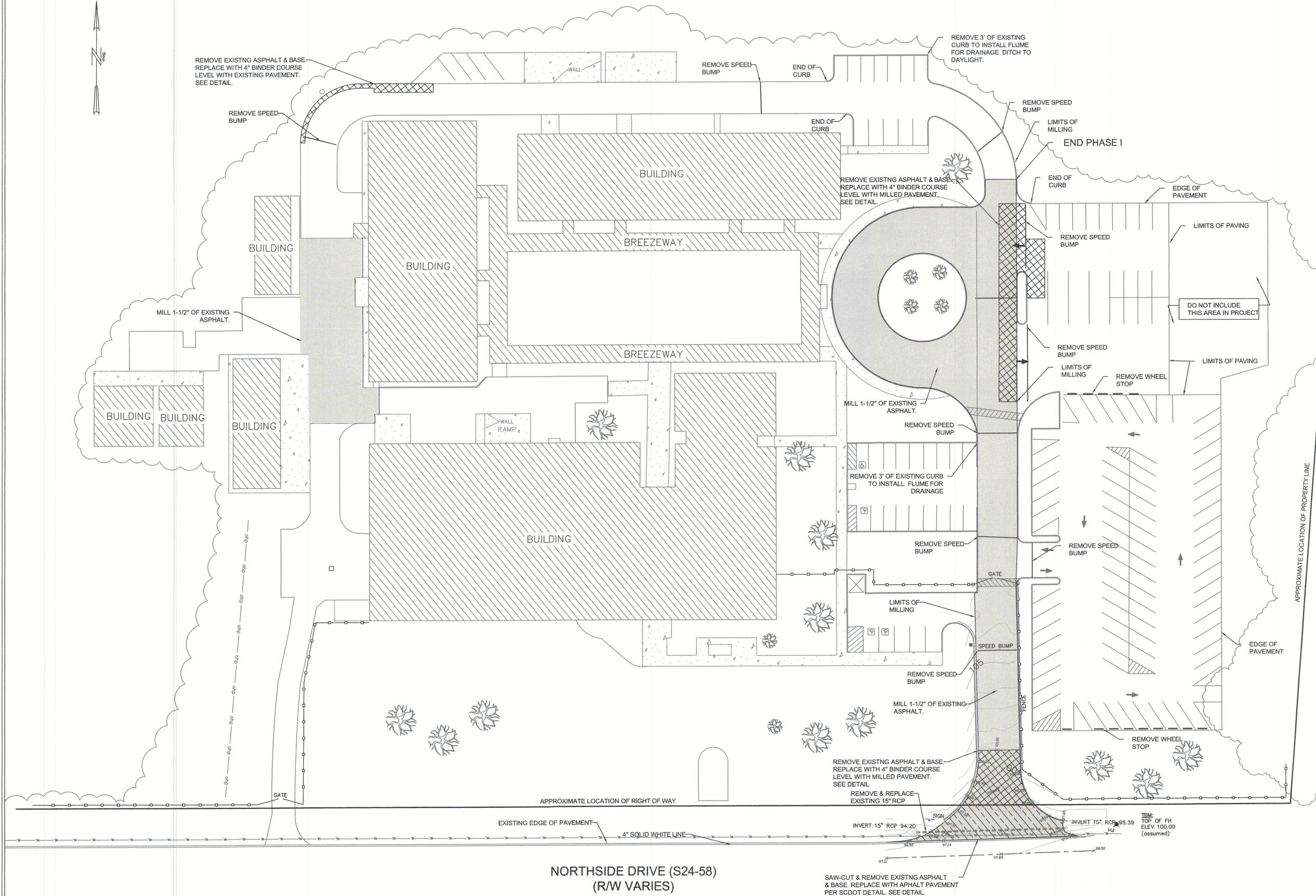
LOCATION MAP



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.

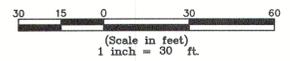
NO.	REVISED	CHKD	DATE

THESE DRAWINGS AND THE DESIGN THEREON ARE THE PROPERTY OF HEANER DESIGN GROUP AND MAY NOT BE USED IN WHOLE OR PART WITHOUT WRITTEN CONSENT OF HEANER DESIGN GROUP AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION



NORTSIDE DRIVE (S24-58)
(R/W VARIES)

SAW-CUT & REMOVE EXISTING ASPHALT & BASE. REPLACE WITH ASPHALT PAVEMENT PER SCDOT DETAIL. SEE DETAIL.



eaner design
group
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SURVEYORS
CONSULTANTS

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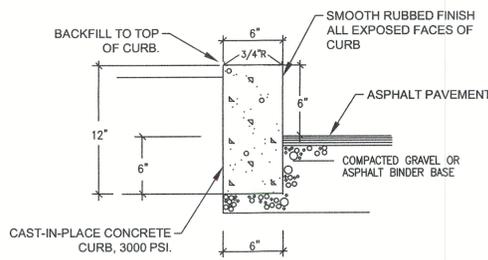
**ASPHALT PAVEMENT REPAIR
FRANK G RUSSELL CAREER CENTER
FOR
GREENWOOD SCHOOL DISTRICT 50
GREENWOOD, SOUTH CAROLINA**

SURVEY	
EXISTING	
SURVEY/DEMO	
NOI	REVISION
DESIGNED BY:	DATE:
DEFIN:	DATE:
DRAWN:	DATE:
DPH	3/23/21
SHEET	
ES	

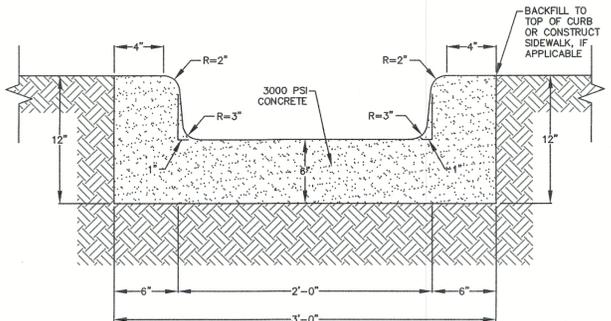
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NOTES:

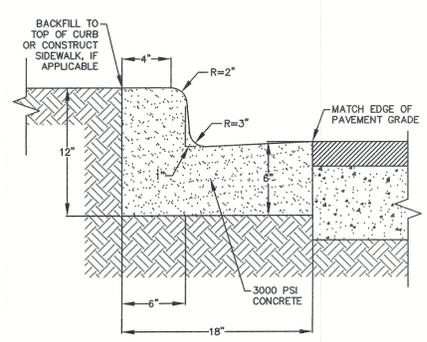
- ALL WORKMANSHIP AND MATERIALS WILL CONFORM TO SCDHEC, SCDOT, GREENWOOD COUNTY & GREENWOOD SCHOOL DISTRICT 50 STANDARDS, AND THE PROJECT PLANS.
- ALL WORK WITHIN SCDOT RIGHT OF WAY WILL CONFORM TO THE SCDOT PERMIT, SCDOT ACCESS AND ROADSIDE MANAGEMENT STANDARDS, SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SCDOT STANDARD DRAWINGS FOR HIGHWAY CONSTRUCTION AND MUTCD STANDARDS.
- ALL STORM SEWER PIPE SHALL BE CLASS II REINFORCED CONCRETE PIPE MEETING THE STANDARDS OF ASTM C-76.11
- CONTRACTOR SHALL COORDINATE ALL WORK ASSOCIATED WITH THIS PROJECT WITH GREENWOOD SCHOOL DISTRICT 50, SCOTT DUNCAN, DIRECTOR OF MAINTENANCE AT (864) 377-1142 PRIOR TO BEGINNING ANY WORK.
- CALL SC811 FOR UTILITY LOCATION BEFORE BEGINNING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE ON NEWLY PAVED AREAS. 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.
- ALL EXISTING ASPHALT AND STONE BASE REMOVED AS PART OF THIS PROJECT SHALL BE PROPERLY DISPOSED OFF SITE.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY PERMITS AND LICENSES THAT MAY BE REQUIRED AS PART OF 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 EXISTENCE, ABSENCE, LOCATION, AND DEPTH OF UTILITIES AND UNDERGROUND ITEMS HAVE BEEN DETERMINED BY ORDINARY SURVEYING METHODS, FROM FIELD OBSERVATIONS, AND FROM INFORMATION FURNISHED BY THE UTILITY COMPANIES AND ARE NOT GUARANTEED.
- ALL EXISTING PAVEMENTS, SIDEWALKS, CURBS, ETC... ADJACENT TO THE PROJECT LIMITS SHALL BE PROTECTED FROM DAMAGE AS A RESULT OF WORK ASSOCIATED WITH THIS PROJECT.
- BACKFILL TRENCHES 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.
- THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE PROJECT AREA DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PROOF ROLL THE BASE IN THE PRESENCE OF THE ENGINEER PRIOR TO PAVING.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING MANHOLE TOPS AND STORM DRAIN INLETS THAT ARE LOCATED WITHIN THE PAVEMENT REPAIR AREAS. NEW ASPHALT PAVEMENT GRADE SHALL MATCH THAT OF THE STRUCTURE TOPS.
- ANY REROUTING OF NORMAL TRAFFIC FLOW TO ACCOMMODATE CONSTRUCTION SHALL BE COORDINATED WITH GREENWOOD SCHOOL DISTRICT 50.
- ALL EXISTING ASPHALT AND OTHER DEMOLITION MATERIAL SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF OR RECYCLED.
- THE NEW HOT MIX ASPHALT SHALL BE COMPACTED THOROUGHLY AND UNIFORMLY TO 98% MAXIMUM DENSITY BY ROLLING. THE FINISHED SURFACE SHALL BE SMOOTH AND TRUE TO GRADE. ANY MIXTURE THAT BECOMES LOOSE OR BROKEN, OR IN ANYWAY DEFECTIVE SHALL BE REMOVED AND REPLACED WITH FRESH HOT MIXTURE WHICH SHALL BE IMMEDIATELY COMPACTED TO CONFORM TO THE SURROUNDING AREA.
- THE NEWLY FINISHED PAVEMENT SHALL BE PROTECTED FROM VEHICULAR TRAFFIC OF ANY KIND UNTIL THE PAVEMENT HAS COOLED AND HARDENED, AND IN NO CASE LESS THAN 6 HOURS.
- PARKING LOT BASE MATERIAL SHALL BE A MINIMUM OF 6" MACADAM BASE COURSE MEETING THE REQUIREMENTS OF THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION SECTION 305, OMITTING THE PRIME COAT. BASE MATERIAL TO BE COMPACTED TO NO LESS THAN 100% MAX. DRY DENSITY. 4" OF ASPHALT BINDER COURSE MEETING THE REQUIREMENTS OF SECTION 402 OF THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION MAY BE USED AS AN ALTERNATE BASE MATERIAL.
- 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 AND DRIVEWAY PAVEMENT SHALL BE ASPHALTIC SURFACE COURSE MEETING THE REQUIREMENTS OF SECTION 403 OR THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
- PARKING LOT SUBBASE SHALL BE SCARIFIED IN ALL AREAS AND COMPACTED TO NO LESS THAN 95% OF MAXIMUM DENSITY. SUBBASE 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 NEW ASPHALT WORK ADJACENT TO EXISTING ASPHALT AND CONCRETE PAVEMENTS SHALL MATCH THE GRADE AND HAVE A SMOOTH TRANSITION.
- ALL STRIPING WITHIN SCDOT RIGHT OF WAY SHALL BE THERMOPLASTIC. ALL OTHER STRIPING SHALL BE FAST-DRY EXTERIOR TRAFFIC STRIPING PAINT.
- THE CONTRACTOR SHALL FOLLOW THE GREENWOOD SCHOOL DISTRICT GUIDELINES AT ALL TIMES A WHILE WORKING ON SCHOOL DISTRICT PROPERTY.
- THE INFORMATION PROVIDED ON THESE PLANS WAS COMPILED FROM EXISTING PLANS, DATA PROVIDED AND FIELD MEASUREMENTS. ONLY THE ENTRANCE DRIVEWAY WAS FIELD SURVEYED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE PLAN DIMENSIONS.
- THE QUANTITIES PROVIDED ARE ESTIMATED QUANTITIES AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LISTED QUANTITIES PRIOR TO BIDDING. ANY DISCREPANCY FOUND IN THE QUANTITIES SHALL BE REPORTED TO THE ENGINEER IN WRITING AT LEAST THREE (3) DAYS PRIOR TO THE PROJECT BIDDING.



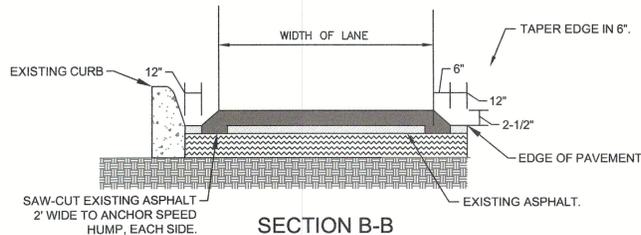
CONCRETE CURB DETAIL
NOT TO SCALE



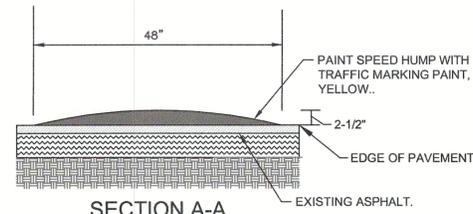
CONCRETE FLUME DETAIL
NOT TO SCALE



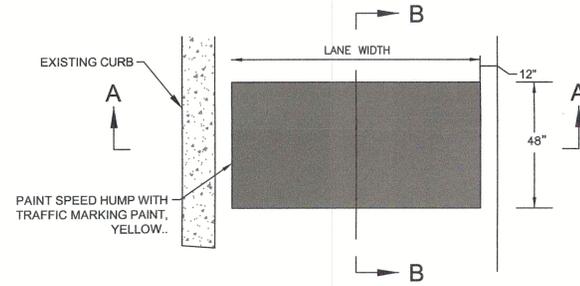
CURB AND GUTTER DETAIL
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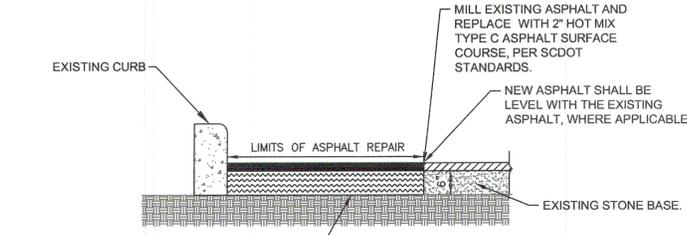
SECTION B-B
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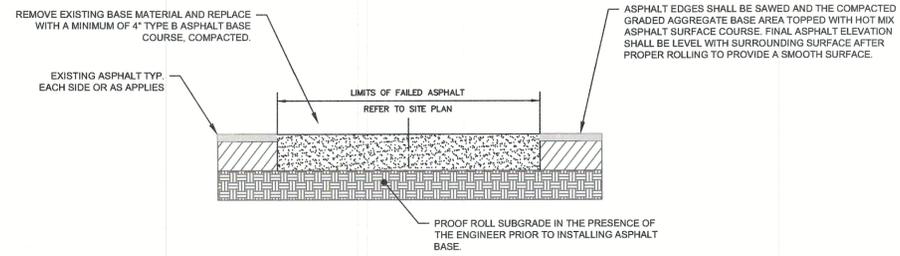
SECTION A-A
NOT TO SCALE



ASPHALT SPEED HUMP DETAIL
NOT TO SCALE



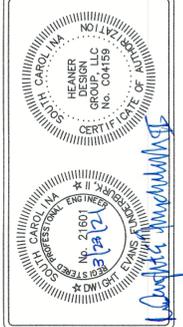
ASPHALT REPAIR DETAIL
NOT TO SCALE



FULL DEPTH ASPHALT PATCH DETAIL
NOT TO SCALE



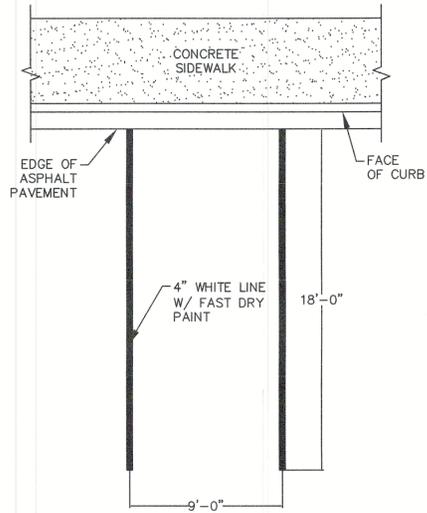
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 WWW.HEANERDESIGNGROUP.COM

CIVIL	
NOTES/SITE DETAILS	
NO.	REVISION
DATE	DESCRIPTION
DESIGNED BY: DEFIL	CHECKED BY: DEFIL
DRAWN: DPH	DATE: 3/23/21
SHEET	
C2.0	

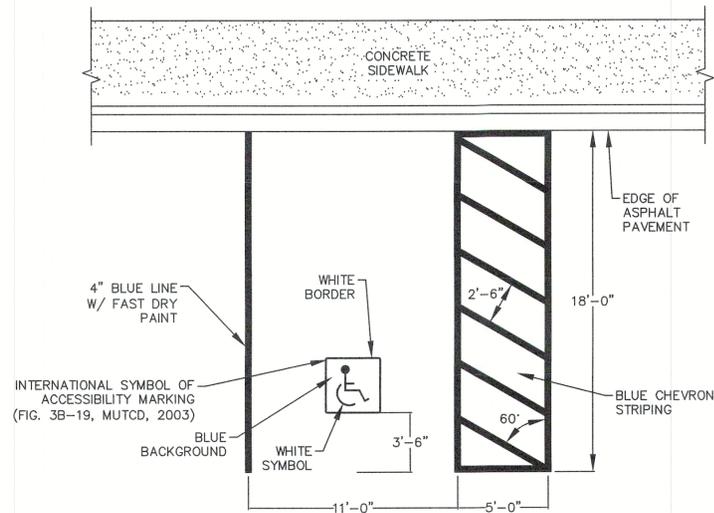
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NOTE:
ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH MUTCD STANDARD, MOST RECENT EDITION.

TYPICAL PARKING SPACE STRIPING DETAIL

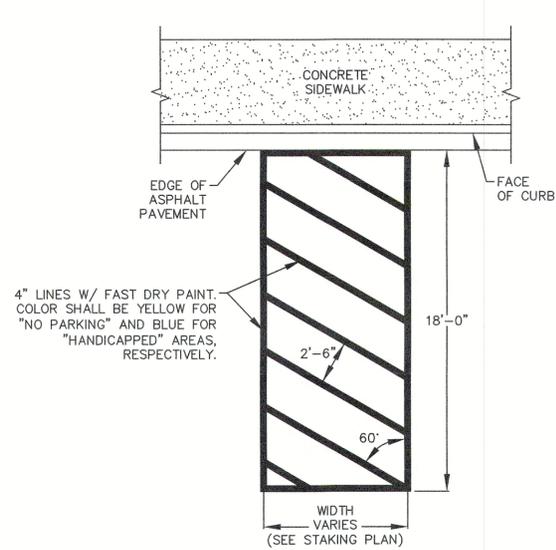
NOT TO SCALE



NOTES:
1. ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH MUTCD STANDARD, MOST RECENT EDITION.
2. IF MULTIPLE HANDICAPPED SPACES ARE REQUIRED AND ARE ADJACENT TO EACH OTHER, THE SIDEWALK RAMPS SHALL BE INSTALLED AT EITHER END OF THE SPACES. SEE SITE PLAN.

VAN ACCESSIBLE HANDICAPPED PARKING DETAIL

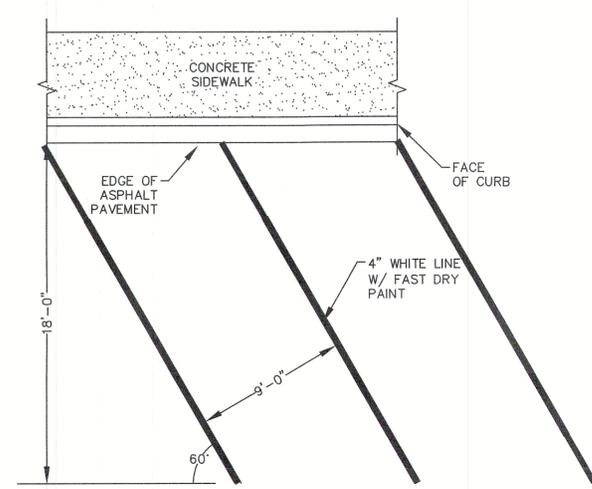
NOT TO SCALE



NOTE:
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CHEVRON STRIPING DETAIL

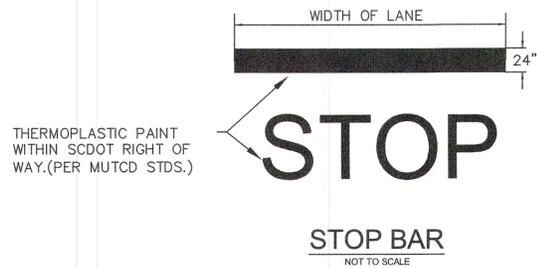
NOT TO SCALE



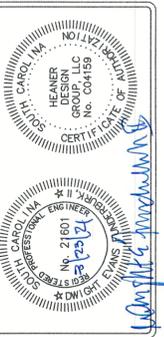
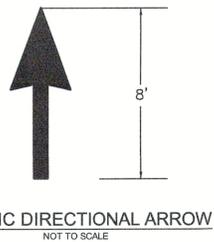
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TYPICAL 60° PARKING SPACE STRIPING DETAIL

NOT TO SCALE



THERMOPLASTIC PAINT WITHIN SCDOT RIGHT OF WAY.(PER MUTCD STDS.)



**ASPHALT PAVEMENT REPAIR
FRANK G RUSSELL CAREER CENTER
FOR
GREENWOOD SCHOOL DISTRICT 50
GREENWOOD, SOUTH CAROLINA**

CIVIL SITE DETAILS	
NO.	REVISION
DESIGNED BY: DEFII	CHECKED: DEFII
DRAWN: DPH	APPROVED: DEFII
JOB NUMBER: 2021-015	DATE: 3/23/21

SHEET
C2.1

