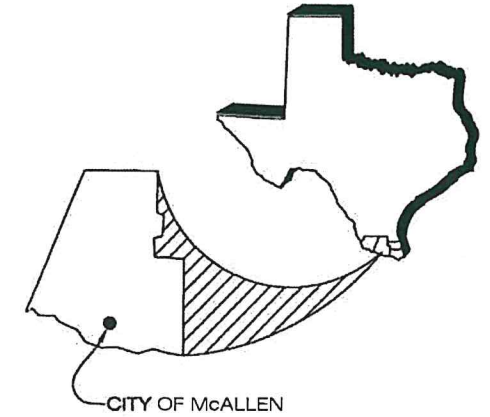


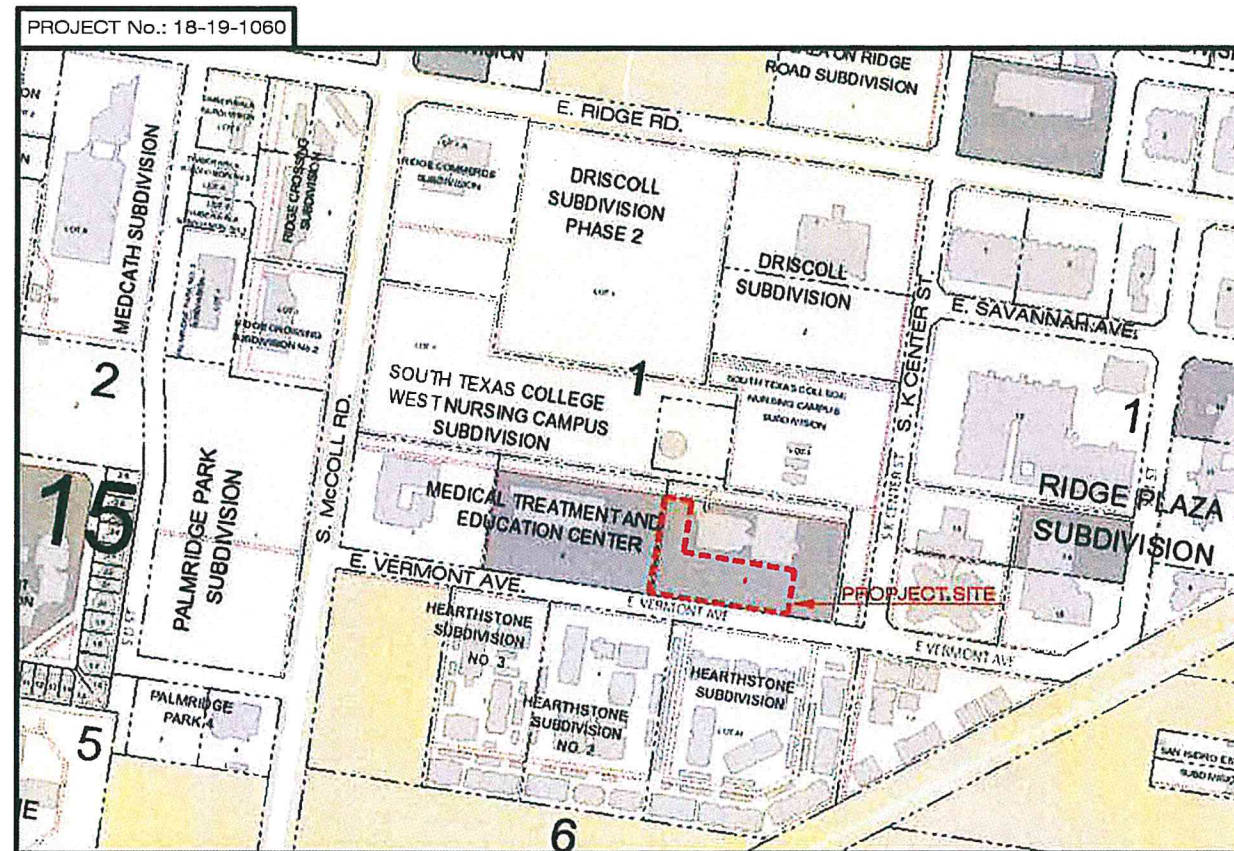
SOUTH TEXAS COLLEGE



SOUTH TEXAS
COLLEGE



NURSING ALLIED HEALTH CAMPUS RESURFACE OF PARKING LOT # 1



Sheet List Table	
Sheet Number	Sheet Title
C1	COVER
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C7	PROPOSED PLAN
C8	TRAFFIC CONTROL & SEQUENCE OF CONSTRUCTION
C9	PAVEMENT DETAIL
C10	STRIPING PLAN
C11	ADA PARKING LOT MARKING DETAILS

2019



Professional Engineers & Land Surveyors

130 E. PARK AVENUE • PHARR, TEXAS 78577
(TEL) 956 782-2557 • (FAX) 956 782-2558
ENGINEERING FIRM No. 486 • SURVEYING FIRM No. 101650-00



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DATE: 04/09/2019
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GENERAL

1. ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF SOUTH TEXAS COLLEGE.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ANY AND ALL PERMITS RELATED TO THIS PROJECT.
3. THIS PROJECT WILL HAVE CALENDAR DAY (CD) DEFINITION FOR WORKING DAY.
4. UPON ISSUANCE OF WRITTEN NOTICE TO BEGIN WORK, ALL WORK SHALL BEGIN ON THE DATE SPECIFIED. WORK AND TIME CHARGES WILL CONTINUE UNTIL COMPLETION OF THE WORK. IF UTILITY CONFLICT OR OTHER ISSUE IS ENCOUNTERED THAT PREVENTS THE CONTRACTOR FROM CONTINUOUSLY WORKING ON THE PROJECT, WORK AND TIME CHARGES SHALL STOP. WORK AND TIME CHARGES WILL RESUME AFTER UTILITY ADJUSTMENT OR OTHER ISSUE IS ADJUSTED OR RESOLVED.
5. UPON THE REQUEST OF THE ENGINEER, THE CONTRACTOR SHALL FURNISH TO THE ENGINEER A TYPED NARRATIVE REPORT, SIGNED AND DATED BY THE CONTRACTOR, OUTLINING THE MANNER OF PROSECUTION OF WORK THAT HE INTENDS TO FOLLOW IN THE SUBSEQUENT THIRTY-DAY PERIOD.

CONSTRUCTION MATERIALS TESTING

1. ALL MATERIAL TESTING TO BE PERFORMED BY OWNER'S INDEPENDENT TESTING LABORATORY. ALL TESTING TO BE PERFORMED WHEN ACCORDING TO THE CONTRACTOR, THE ITEM IS READY FOR TESTING.
2. THE CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE AS TO THE DAY AND TIME THAT SITE WILL BE READY FOR TESTING. OWNER'S REPRESENTATIVE WILL NOTIFY TESTING LAB STATING THE DATE AND TIME OF TESTING AS REQUESTED BY THE CONTRACTOR.
3. COSTS INCURRED BY THE TESTING LAB FOR TRIPS TAKEN TO THE SITE AND TESTING NOT BEING PERFORMED, DUE TO SITE NOT BEING READY FOR TESTING, SHALL BE PAID FOR BY THE CONTRACTOR. COSTS OF TESTS NOT MEETING THE REQUIRED SPECIFICATIONS WILL BE PAID FOR BY THE CONTRACTOR. THESE COSTS WILL BE DEDUCTED FROM HIS FINAL PAY REQUEST.

SITE WORK

1. WHERE PROPOSED PAVEMENT ABUTS EXISTING PAVEMENT, PROPOSED PAVEMENT TO MATCH TOP OF EXISTING PAVEMENT TO PROVIDE FOR A SMOOTH SURFACE BETWEEN THE TWO. EXISTING PAVEMENT SHALL BE SAW CUT TO PROVIDE A CLEAN JOINT WITH NEW PAVEMENT.
2. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES DURING THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
3. CONTRACTOR TO MAINTAIN ALL EQUIPMENT AND TRANSPORTATION OF SAID EQUIPMENT WITHIN THE EXISTING CONSTRUCTION SITE OR DESIGNATED AREAS APPROVED BY THE ENGINEER.

TRAFFIC CONTROL PLAN

1. THE TRAFFIC CONTROL PLAN SHOWN IN THE PLANS IS A "SUGGESTED" TRAFFIC CONTROL PLAN. THE CONTRACTOR MAY SUBMIT AN ALTERNATE TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO CONSTRUCTION. SAID ALTERNATE TRAFFIC CONTROL PLAN SHALL BE PREPARED, SIGNED, AND SEALED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF TEXAS.
2. THE CONTRACTOR SHALL INSTALL APPROPRIATE TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD), LATEST EDITION, AND AS APPROVED BY THE ENGINEER.

LOADING AND HAULING OPERATIONS

1. TRUCKS SHALL BE LOADED IN A MANNER SO AS TO AVOID LOSS OF LOADED MATERIAL OR ANY PORTION THEREOF DURING TRANSPORT. IN ACCORDANCE WITH STATE LAW, ALL TRUCKS SHALL UTILIZE TARPS OVER LOADED MATERIAL.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY SURFACE DAMAGES OR IRREGULARITIES, TO PAVEMENTS OR OTHER SURFACES, WHETHER ON OR OFF SITE, CAUSED BY THE CONTRACTOR'S LOADING OR HAULING OPERATIONS, AS DIRECTED BY THE ENGINEER.

SITE PROTECTION / SAFETY

1. EXCAVATIONS, TRENCHES, AND OTHER HAZARDOUS AREAS, SHALL BE ADEQUATELY PROTECTED BY BARRICADES, FENCING, LIGHTS, AND/OR OTHER PROTECTIVE DEVICES, AT ALL TIMES.
2. NO OPEN TRENCH SHALL BE LEFT OPEN OVERNIGHT. ALL EXCAVATION AND TRENCHES THAT CANNOT BE BACKFILLED SHALL BE COVERED OVERNIGHT. AS A MINIMUM, USE 3/4 - INCH PLYWOOD AND WOOD PLANKING NOT SPANNING MORE THAN 8FT, WITH O.S.H.A. ORANGE PLASTIC EXPANDED MESH BARRIER AROUND PERIMETER IN UNPAVED AREAS NOT SUBJECT TO VEHICULAR LOADING, OR AS APPROVED BY THE ENGINEER.

CONSTRUCTION STAKING AND SURVEYING

1. CONTROL POINTS ARE TO BE SUPPLIED BY THE ENGINEER PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AN ACCURATE VERTICAL AND HORIZONTAL CONTROL THROUGHOUT THE CONTRACT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING AND SURVEYING UNLESS NOTED OTHERWISE. PAYMENT FOR CONSTRUCTION STAKING SHALL BE SUBSIDIARY TO THE VARIOUS BID ITEMS.
3. PROPERTY CORNER PINS AND ANY OTHER SURVEY MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY A REGISTERED PUBLIC LAND SURVEYOR, AT THE CONTRACTOR'S EXPENSE.

DOCUMENTING EXISTING CONDITIONS

1. THE CONTRACTOR IS ENCOURAGED TO INSPECT AND DOCUMENT THE PRE-CONSTRUCTION CONDITIONS OF ALL BUILDINGS, DRIVEWAYS, STREETS, FENCES, MAILBOXES, PAVEMENT AREAS, SIDEWALKS, CURB & GUTTER, ETC., LOCATED ON, ADJACENT TO, OR NEAR THE CONSTRUCTION SITE, THAT COULD BE AFFECTED BY THE PROPOSED CONSTRUCTION ACTIVITIES, PRIOR TO COMMENCING THE WORK.
2. LOCATIONS AND DEPTHS OF ALL EXISTING UTILITIES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE INITIATING CONSTRUCTION OPERATIONS.
3. ANY DAMAGES DONE TO EXISTING UTILITIES OR OTHER STRUCTURES SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.

DAMAGE TO EXISTING FACILITIES

1. ANY DAMAGES TO BUILDINGS, DRIVEWAYS, STREETS, FENCES, MAILBOXES, PAVEMENT AREAS, SIDEWALKS, CURB & GUTTER, UTILITIES, ETC., WHETHER PUBLIC OR PRIVATE PROPERTY, CAUSED BY THE CONSTRUCTION ACTIVITIES, SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
2. CONTRACTOR SHALL CLEAN UP AND RESTORE THE CONSTRUCTION SITE, STOCKPILE SITE, AND ANY STAGING AREAS, TO ORIGINAL CONDITIONS OR BETTER.

R. Gutierrez
 Professional Engineers & Land Surveyors
 130 E. PARK AVENUE - PHARR, TEXAS 78577
 (TEL) 956 782-2537 - (FAX) 956 782-2538
 FIRM No. 468



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SOUTH TEXAS COLLEGE
 NURSING ALLIED HEALTH CAMPUS
 RESURFACE OF PARKING LOT # 1

GENERAL NOTES

SCALE/DATE	DATE	BY
DATE: APRIL 2019		
FB No.:		
SURVEY BY:		
DRAWN BY:		
PREPARED BY:		
CHECKED BY:		

EROSION AND SEDIMENT CONTROL - 1

1. THE EROSION CONTROL PLAN SHOWN IN THE PLANS IS A "SUGGESTED" EROSION CONTROL PLAN. THE CONTRACTOR MAY SUBMIT AN ALTERNATE EROSION CONTROL PLAN FOR APPROVAL PRIOR TO CONSTRUCTION. SAID ALTERNATE EROSION CONTROL PLAN SHALL BE PREPARED, SIGNED, AND SEALED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF TEXAS.
2. CONTRACTOR MUST COMPLETE A CONSTRUCTION SITE NOTICE, OBTAIN SIGNED COPIES OF NOI FORM FOR BOTH OWNER AND CONTRACTOR (IF APPLICABLE FOR THIS SITE), AND POST THEM AT THE CONSTRUCTION SITE, IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES (TXR150000). THE GENERAL CONTRACTOR, AND ALL SUB-CONTRACTORS INVOLVED WITH ANY CONSTRUCTION ACTIVITY RELATED TO EARTHWORK, EROSION CONTROL, ETC., OR WHICH UTILIZE POSSIBLE POLLUTANTS AS DEFINED IN THE NPDES GENERAL PERMIT, MUST BE FAMILIAR WITH THE CONTENTS OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS WELL AS ALL THE REQUIREMENTS SET FORTH IN THE TPDES GENERAL PERMIT AND ANY APPLICABLE LOCAL PERMIT REQUIREMENTS, AND SHALL COMPLY WITH ALL SUCH REQUIREMENTS DURING ALL CONSTRUCTION ACTIVITIES.
3. THE CONTRACTOR SHALL ADHERE TO THE SEQUENCE OF OPERATIONS FOR EROSION CONTROL IMPLEMENTATION SHOWN HEREIN. ANY DEVIATION FROM THIS SEQUENCE DEEMED NECESSARY BY THE CONTRACTOR MAY REQUIRE THAT THE STORM WATER POLLUTION PREVENTION PLAN BE MODIFIED IN ACCORDANCE WITH THE NPDES GENERAL PERMIT GUIDELINES AND SECTION 1.01.F OF THE STORM WATER POLLUTION PREVENTION PLAN.
4. THE CONTRACTOR SHALL MODIFY THE SWPPP PLAN TO SHOW LOCATIONS OF TEMPORARY WASHDOWN AREAS, PORTABLE TOILETS, EQUIPMENT MAINTENANCE/REPAIR AREAS, STOCKPILE AREAS, FUEL STORAGE AREAS, CONCRETE WASH-OUT PITS, AND POLLUTANT CONTROLS FOR EACH AS SOON AS POSSIBLE. THE GENERAL PERMIT AUTHORIZES THE LAND DISPOSAL OF WASH-OUT WATER FROM CONCRETE TRUCKS THAT ARE ASSOCIATED WITH OFF-SITE PRODUCTION FACILITIES, AS LONG AS THE DISCHARGE IS INTO SPECIFICALLY DESIGNATED DIKED AREAS WHICH HAVE BEEN PREPARED TO PREVENT CONTACT BETWEEN THE CONCRETE WASH-OUT WATER AND STORM WATER THAT WILL BE DISCHARGED FROM THE SITE TO PREVENT DIRECT DISCHARGE TO SURFACE WATERS. IF A CONCRETE PLANT IS LOCATED AT THE CONSTRUCTION SITE, CONTRACTOR SHALL OBTAIN COVERAGE UNDER AND COMPLY WITH GENERAL PERMIT TXG110000 OR INDIVIDUAL PERMIT.
5. THE GENERAL CONTRACTOR SHALL PERFORM ALL REQUIRED INSPECTIONS OF STORM WATER CONTROLS AND PRACTICES AT FREQUENCIES GIVEN IN THE NPDES GENERAL PERMIT, AND SHALL COMPLETE AND SIGN APPROPRIATE INSPECTION FORMS, AS APPROVED IN THE STORM WATER POLLUTION PREVENTION PLAN.
6. OIL AND GREASE ABSORBING MATERIAL SHALL BE READILY AVAILABLE ON-SITE, AND SHALL BE PROMPTLY USED TO CONTAIN AND/OR CLEAN UP ALL FUEL OR CHEMICAL SPILLS OR LEAKS.

EROSION AND SEDIMENT CONTROL - 2

1. DUST CONTROL SHALL BE ACCOMPLISHED BY WATERING DRY, EXPOSED AREAS ON A REGULAR BASIS. SPRAYING OF PETROLEUM BASE OR TOXIC LIQUIDS FOR THIS PURPOSE IS PROHIBITED.
2. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR AT LEAST 14-DAYS SHALL BE TEMPORARILY STABILIZED WITH VEGETATION AND MULCH.
3. ALL VEHICLES SHALL BE CLEANED AT THE CONSTRUCTION EXIT POINTS ACCORDING TO NOTES SHOWN ON THE DETAIL THEREOF. IF THE MAJORITY OF MUD OR DIRT IS NOT REMOVED FROM EXISTING TRAFFIC, HOSE BIBS SHALL BE PROVIDED AT CONSTRUCTION TRAFFIC EXIT POINTS, AND VEHICLE TIRES SHALL BE WASHED BEFORE EXITING ONTO PUBLIC ROADS. SILT FROM THIS WASHING OPERATION SHALL BE INTERCEPTED AND TRAPPED BEFORE WASH WATER IS ALLOWED TO BE DISCHARGED OFF-SITE.
4. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED ONTO ADJACENT ROADWAYS BY VEHICLES EXITING THE SITE SHALL BE CLEANED OR REMOVED IMMEDIATELY.
5. CONTRACTOR SHALL PREVENT ANY SILTATION FROM ENTERING THE STORM SEWER SYSTEM. ALL INLETS AND INLET OPENINGS SHALL BE FULLY ENCIRCLED WITH APPROPRIATE INLET PROTECTION DEVICES.
6. THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SILT IN ANY TEMPORARY OR PERMANENT DETENTION PONDS, STORM SEWER INLETS AND PIPES, AND ALONG SILT FENCES, WITHIN 48-HOURS AFTER INSPECTION OF DEVICES REVEALS THE PRESENCE OF EXCESSIVE SILTATION, AS SPECIFIED IN SECTION 5.02 OF THE STORM WATER POLLUTION PREVENTION PLAN.
7. ANY ADDITIONAL EROSION CONTROL MEASURES REQUIRED TO ENSURE COMPLIANCE WITH THE TPDES GENERAL PERMIT OR LOCAL PERMIT REQUIREMENTS SHALL BE IMPLEMENTED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
8. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND PROPERLY DISPOSED OF OFF-SITE WITHIN 30-DAYS AFTER STABILIZATION OF ALL SURFACES.
9. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR DAMAGE TO ADJACENT PROPERTIES AND/OR PUBLIC RIGHT-OF-WAYS RESULTING FROM FAILURE TO FULLY IMPLEMENT AND EXECUTE ALL EROSION CONTROL PROCEDURES SHOWN AND NOTED IN THESE PLANS.

DAMAGE TO EXISTING FACILITIES

1. ANY DAMAGES TO BUILDINGS, DRIVEWAYS, STREETS, FENCES, MAILBOXES, PAVEMENT AREAS, SIDEWALKS, CURB & GUTTER, UTILITIES, ETC., WHETHER PUBLIC OR PRIVATE PROPERTY, CAUSED BY THE CONSTRUCTION ACTIVITIES, SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
2. CONTRACTOR SHALL CLEAN UP AND RESTORE THE CONSTRUCTION SITE, STOCKPILE SITE, AND ANY STAGING AREAS, TO ORIGINAL CONDITIONS OR BETTER.



Professional Engineers & Land Surveyors
130 E. PARK AVENUE • PARRIS, TEXAS 75777
(TEL) 956 782-2557 • (FAX) 956 782-2558
FIRM No. 466



STATE OF TEXAS
ROBERTO SALINAS
122063
PROFESSIONAL ENGINEER

THE SEAL APPEARING ON THIS DOCUMENT IS AUTHORIZED
DATE: 04/09/2019
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SOUTH TEXAS COLLEGE
NURSING ALLIED HEALTH CAMPUS
RESURFACE OF PARKING LOT # 1

GENERAL NOTES

NO.	REVISION	DATE	BY

SCALE: APRIL 2019

DATE: APRIL 2019

F.B. No.:

SURVEY BY:

DRAWN BY:

PREPARED BY:

CHECKED BY:

SHEET
C3

GENERAL NOTES:

For all pits or quarries, comply with the "Texas Aggregate Quarry and Pit Safety Act."

Provide on a weekly basis a list of equipment, including idle equipment, utilized on the project that week.

The 1-800 call services for utility locations do not include TxDOT facilities. Contact the Pharr District Signal Section (956-702-6225) for coordination regarding TxDOT underground lines.

ITEM 5: Control of the Work

The responsibility for the construction surveying on this contract will be in accordance with article 5.9.1., "Method C."

ITEM 8: Prosecution and Progress

Prepare progress schedules as a Bar Chart.

ITEM 340: Dense-Graded Hot-Mix Asphalt (Small Quantity)

The contractor shall exercise diligence in the application of "Tack Coat" by the use of flagging and rolling procedures to keep from spraying or splattering the traveling public with asphaltic material.

This project will require the following minimum surface aggregate Classifications: B

Level-up will be placed before the surface course. An asphaltic concrete spreading and finishing machine and/or motor graders; when approved by the Engineer may be used to place the ACP level-up.

All unconfined longitudinal joints shall be constructed with a joint maker providing a maximum 1/2-inch vertical edge and a minimum 6:1 edge taper or as approved by the Engineer.

The Hamburg wheel Test requirement for PG 64 binder will be 5,000 passes @ 0.5 inch rut depth.

Target Lab Molded Density for this project shall be 97%.

When constructing up against existing pavement, new pavement needs to have a smooth vertical transition between the edge of new pavement and the existing pavement. The contractor is to add a vertical taper if needed which will be subsidiary to this Item.

The use of RAP and RAS will not be allowed as part of the mix design for the final surface.

Use a release agent to clean and to coat the inside of truck beds for hauling equipment. Hauling equipment shall be cleaned prior to hauling material to job site. Ensure the pavement is free from any spillage of hydraulic oil or diesel from construction equipment.

SAC B aggregate must have material properties that require 5 or less on the magnesium sulfate soundness test and 15 or less on the Micro-Deval test.

ITEM 354: Planing and Texturing Pavement

Contractor is to place seal coat or ACP layer(s) as indicated on plans within 14-calendar days of planing/milling operation unless otherwise directed by the engineer.

All planing/milling operation drop offs greater than 1-inch need to have a 3:1 slope taper unless otherwise directed by the engineer. The cost of the 3:1 slope taper is subsidiary to item 354.

For full width planing/milling locations, contractor is to place seal coat or ACP layer(s) as indicated on the plans within 2-calendar days of the planing/milling operation unless otherwise directed by the engineer.

ITEM 502: Barricades, Signs, and Traffic Handling

Replace/relocate all regulatory signs removed due to construction operations with the same sign on fixed support(s) immediately upon its removal. First obtain project Engineer approval before removing any regulatory roadway sign. Required flaggers are to be available to direct traffic during sign intermediate down time.

Relocate any Directional Sign Assemblies removed during construction operations immediately upon their removal.

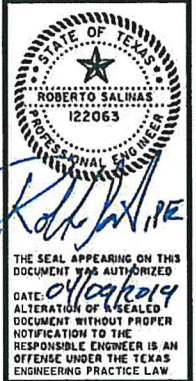
These signs shall be relocated to a location in accordance with the Latest Version of the "Texas Manual on Uniform Traffic Control Devices". In no case will a sign be removed without a replacement sign and support(s) being readily available and a location established. Removal and relocation of these signs required for traffic control will not be paid for directly, but shall be considered subsidiary to Item 502.

From the beginning to the end of the project, all traffic control devices need to be in acceptable condition as per the Texas Quality Guidelines for Work Zone Traffic Control Devices.

ITEM 506: Temporary Erosion, Sedimentation, and Environmental Controls

Due to the nature of this project, it is unlikely a significant amount of soil will be disturbed. However, if a sediment control fence or erosion control logs are needed; it shall be placed as directed by the Engineer. Cost for placing these erosion control items will be subsidiary to the various bid items.

Professional Engineers & Land Surveyors
 R. Gutierrez
 Engineering Corporation
 130 E PARK AVENUE • PHARR, TEXAS 78777
 (TEL) 956 782-2557 • (FAX) 956 782-2558
 FIRM No. 485



SOUTH TEXAS COLLEGE
 NURSING ALLIED HEALTH CAMPUS
 RESURFACE OF PARKING # 1
 GENERAL NOTES

SCALE: NTS	DATE: APRIL 2019	FB No:	SURVEY BY:	DRAWN BY:	PREPARED BY:	CHECKED BY:	REVISION	DATE	BY

ITEM 644: Small Roadside Sign Assemblies

All signs shall be installed as shown in the plans and in accordance with the current edition of the "Texas Manual on Uniform Traffic Control Devices" and the "Sign Crew Field Book" (SCFB).

All signs shall be erected according to the locations shown on the signing layout sheets except that a sign may be shifted in order to secure a more desirable location. All sign locations will be staked as shown in the plans and as approved. It is the intent of the plans to erect all roadside traffic signs with the sign edge a minimum of 6 feet from the edge of the shoulder, or if none, 12 feet from the edge of the travel lane. In curb and gutter sections the sign edge shall be a minimum of 2 feet from the face of the curb.

For this project, aluminum type sign blanks as provided for under Item 636 will be required for all proposed signing installed under Item 644. Aluminum sign blanks less than 7.5 square feet shall be 0.08 inch thick, sign blanks 7.5 to 15 square feet shall be 0.100 inch thick and sign blanks greater than 15 square feet shall be 0.125 inch thick.

Signs shown to be removed shall include the complete sign installation. The sign post shall be separated at the concrete foundation. The concrete foundation shall be disposed in accordance with this Bid Item. Except for concrete foundations, all removed sign panels, sign posts, and hardware shall remain then property of the either TxDOT or the City. All removed sign installations shall be completely disassembled. The removed sign material will be required to be hauled to TxDOT's or City's maintenance yard closest to the project. No signs shall be removed without prior approval.

Existing signs shown to be removed and relocated within this project shall first be identified in the field before they are removed and relocated to their new installation position as determined

in the plans. The complete sign assembly shall be removed and the sign with post shall be separated at the concrete foundation. The concrete foundation shall be disposed off in accordance with this bid item. No sign shall be removed without prior approval.

All excess excavation shall be spread uniformly inside the Right of Way as directed and shall be included in the price of this item.

ITEMS 666: Retroreflectorized Pavement Markings

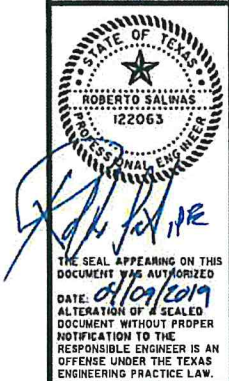
All permanent pavement markings and work zone pavement markings for this project under these items shall be 0.100 inches (100 mil) thick thermoplastic.

Any permanent pavement markings lacking reflectivity in accordance with test method Tex 828-B, or that fail to meet minimum retro reflectivity requirements for longitudinal pavement markings when required, will not be paid for. The parking lot will be re-striped at no additional compensation.

Pavement surface preparation for markings and markers will not be paid for directly, but shall be considered subsidiary to Item 666.

Prior to any striping operations, an on-site coordination meeting between all the parties involved will be required to review striping details and requirements to ensure quality work.

R. Gutierrez
 Professional Engineers & Land Surveyors
 130 E. PARK AVENUE - PHARR, TEXAS 78577
 (TEL) 361 782-2567 • (FAX) 361 782-2583
 FIRM No. 488



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SOUTH TEXAS COLLEGE
 NURSING ALLIED HEALTH CAMPUS
 RESURFACE OF PARKING LOT # 1

GENERAL NOTES

NO.	REVISION	DATE	BY

SCALE: NTS
 DATE: APRIL 2019
 FB No.:
 SURVEY BY:
 DRAWN BY:
 PREPARED BY:
 CHECKED BY:

SUMMARY OF PARKING LOT				SUMMARY OF TEMP. EROSION & SEDIMENT CONTROL		SUMMARY OF PAVEMENT MARKINGS AND MARKERS		
LOCATION	ITEM 000 PLANNING ASPHALT (SY)	ITEM 310 PRIME COAT (MC-30) (GAL)	ITEM 340 DENSE GRADED HOT MIX ASPHALT (SMALL QTY)(TY D)(SAC-B) (PR 64-22) (TON)	ITEM 506 BIOGRADABLE EROSION CONT. LOGS (INSTALLED) (LF)	ITEM 506 BIOGRADABLE EROSION CONT. LOGS (REMOVE) (LF)	ITEM 666 REFL PVMT MARKINGS (TY 1)(Y)(4") SOLID (LF)	ITEM 666 REFL PVMT MARKINGS (TY 1)(Y)(8") SOLID (LF)	ITEM 666 REFL PVMT MARKINGS (ADA PARKING) (SYMBOL) (EA)
OVER ALL SITE	5424	1628	618	24	24	2887	202	9
TOTAL	5424	1628	618	24	24	2887	202	9

R. Gutierrez
 Professional Engineers & Land Surveyors
 Corporation
 130 E. PARK AVENUE • PHARR, TEXAS 78577
 (TEL) 936 782-2557 • (FAX) 936 782-2558
 FIRM No. 468



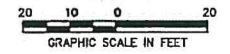
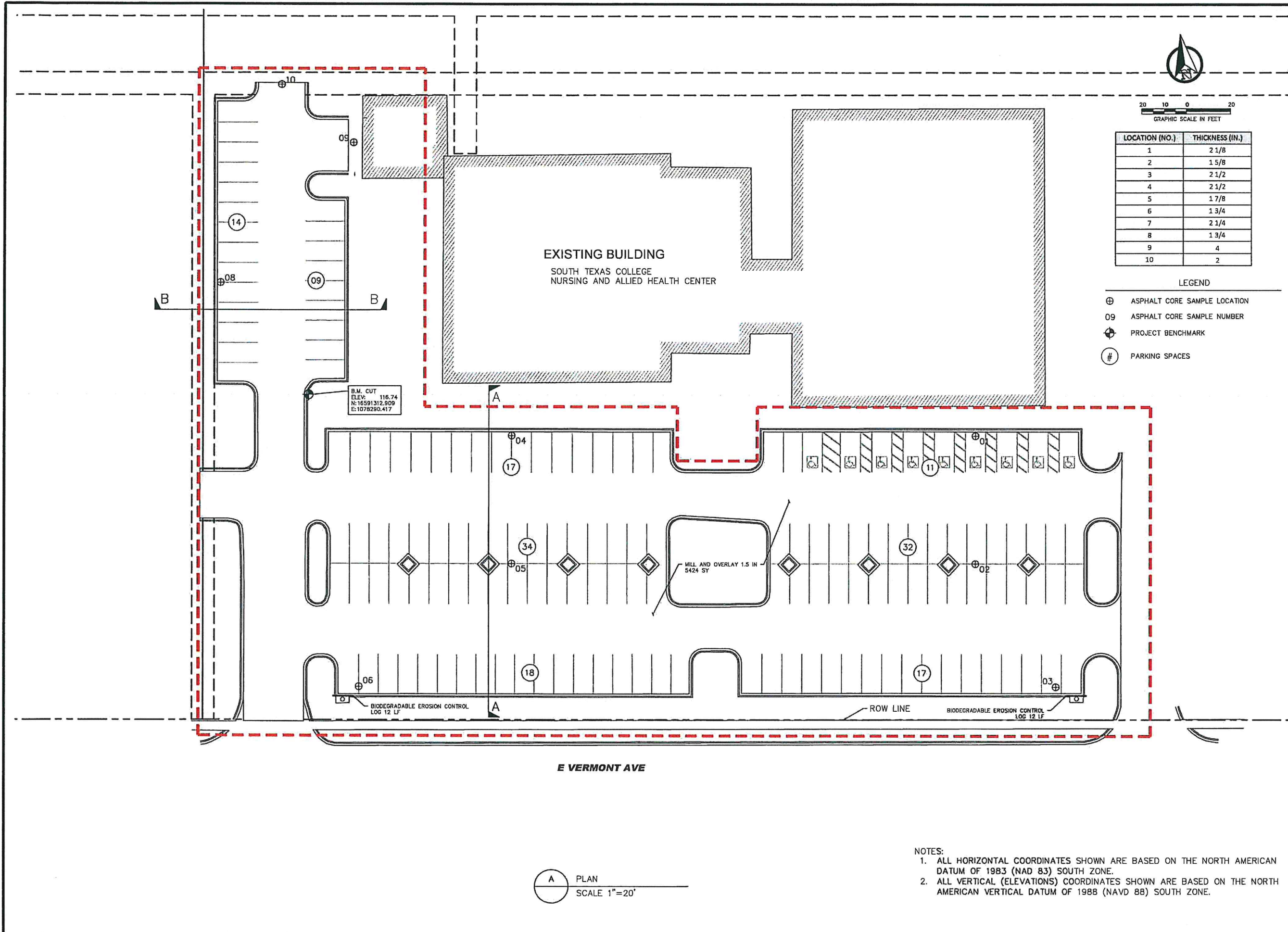
Roberto Salinas

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SOUTH TEXAS COLLEGE
 NURSING ALLIED HEALTH CAMPUS
 RESURFACE OF PARKING LOT # 1

ESTIMATED QUANTITIES

SCALE/INTS	DATE	REVISION	DATE	BY
DATE: APRIL 2019				
Fb. No.:				
SURVEY BY:				
DRAWN BY:				
PREPARED BY:				
CHECKED BY:				



LOCATION (NO.)	THICKNESS (IN.)
1	2 1/8
2	1 5/8
3	2 1/2
4	2 1/2
5	1 7/8
6	1 3/4
7	2 1/4
8	1 3/4
9	4
10	2

- LEGEND
- ⊕ ASPHALT CORE SAMPLE LOCATION
 - 09 ASPHALT CORE SAMPLE NUMBER
 - ⊕ PROJECT BENCHMARK
 - # PARKING SPACES

B.M. CUT
ELEV. 116.74
N: 16591312.909
E: 1078290.417

MILL AND OVERLAY 1.5 IN
5424 SY

BIODEGRADABLE EROSION CONTROL
LOG 12 LF

BIODEGRADABLE EROSION CONTROL
LOG 12 LF

E VERMONT AVE

A PLAN
SCALE 1"=20'

- NOTES:
- ALL HORIZONTAL COORDINATES SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83) SOUTH ZONE.
 - ALL VERTICAL (ELEVATIONS) COORDINATES SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) SOUTH ZONE.

Professional Engineers & Land Surveyors
R. Gutierrez
Engineering Corporation
130 E. PARK AVENUE • PHARR, TEXAS 78577
(TEL) 956.782.2557 • (FAX) 956.782.5558
FIRM No. 468



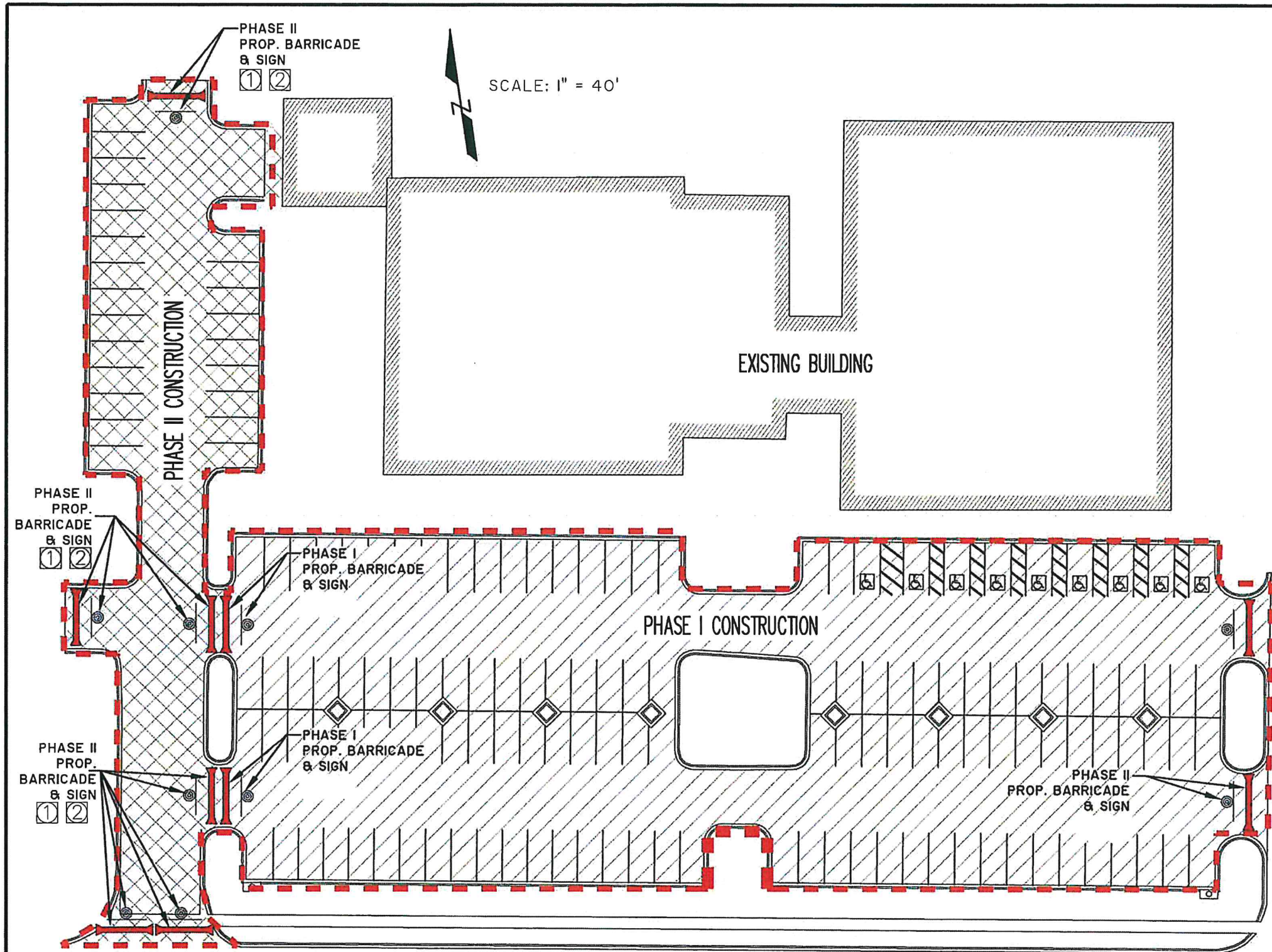
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SOUTH TEXAS COLLEGE
NURSING ALLIED HEALTH CAMPUS
RESURFACE OF PARKING LOT # 1

PROPOSED PLAN

SCALE: NTS	DATE	BY	REVISION	DATE	BY
APRIL 2019					
FB. No.:					
SURVEY BY:					
DRAWN BY:					
PREPARED BY:					
CHECKED BY:					

SHEET
C7



SCALE: 1" = 40'

SEQUENCE OF CONSTRUCTION

1. CONTRACTOR MAY SUBMIT AN ALTERNATE SEQUENCE OF CONSTRUCTION TO THE ENGINEER FOR APPROVAL.

PHASE I CONSTRUCTION:

1. CONTRACTOR SHALL PLACE BARRICADES AND WARNING SIGNS AS SHOWN ON THIS SHEET PRIOR TO BEGINNING OF WORK ON THIS PHASE.
2. CONTRACTOR SHALL INSTALL EROSION CONTROL LOGS AROUND EXISTING CURB INLETS.
3. CONTRACTOR SHALL MILL AND OVERLAY 1-1/2" OF THE SOUTH PARKING LOT AS SHOWN ON THE PLAN SHEETS AND PAVING.
4. CONTRACTOR SHALL INSTALL PAVEMENT MARKINGS AS SHOWN ON THE STRIPPING PLAN.

PHASE II CONSTRUCTION:

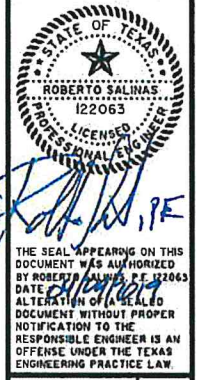
1. CONTRACTOR SHALL PLACE BARRICADES AND WARNING SIGNS AS SHOWN ON THIS SHEET PRIOR TO BEGINNING OF WORK ON THIS PHASE.
2. CONTRACTOR SHALL INSTALL EROSION CONTROL LOGS AROUND EXISTING CURB INLETS.
3. CONTRACTOR SHALL MILL AND OVERLAY 1-1/2" OF THE WEST PARKING LOT AND DRIVEWAY AS SHOWN ON THE PLAN SHEETS AND PAVING.
4. CONTRACTOR SHALL INSTALL PAVEMENT MARKINGS AS SHOWN ON THE STRIPPING PLAN.

LEGEND

	TRAFFIC SIGNS
	SIGN I.D.
	TY III BARRICADE
	PHASE I CONSTRUCTION
	PHASE II CONSTRUCTION

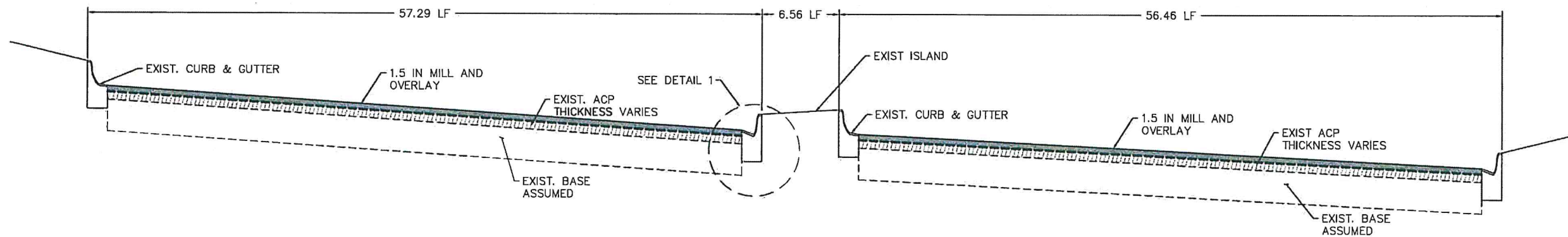
	TY III BARRICADE
	ROAD CLOSED R11-2

Professional Engineers & Land Surveyors
 R. Gutierrez
 Engineering Corporation
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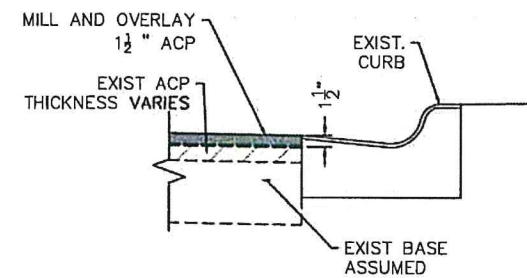
SOUTH TEXAS COLLEGE
 NURSING ALLIED HEALTH CAMPUS
 RESURFACE OF PARKING LOT # 1
 TRAFFIC CONTROL & SEQUENCE OF CONSTRUCTION

SCALE/DATE	BY	DATE	REVISION
DATE: APRIL 2018			
FB No:			
SURVEY BY:			
DRAWN BY:			
PREPARED BY:			
CHECKED BY:			



SECTION A-A

SCALE: 1"=5'-0"

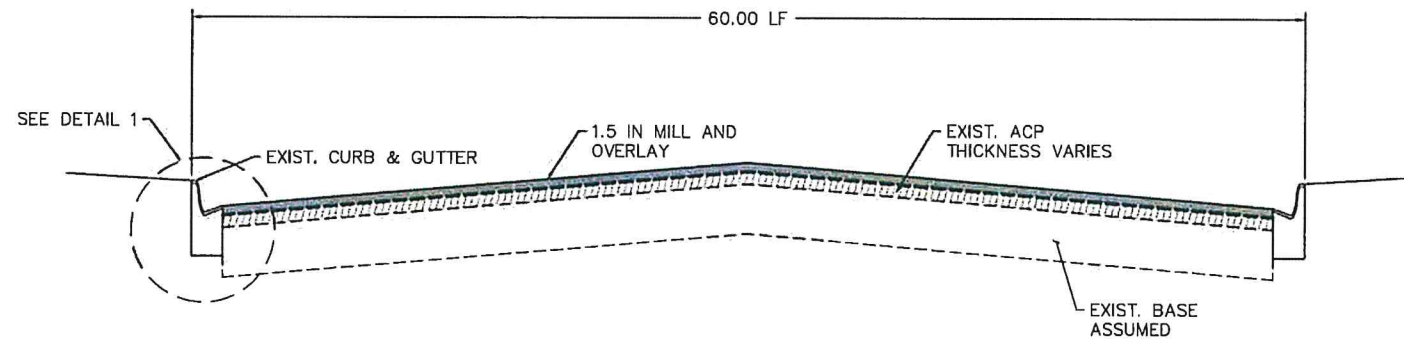


DETAIL 1

SCALE: 1"=1'-0"

NOTES:

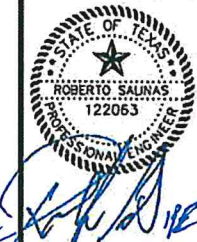
1. CROSS-SECTIONS ARE FOR CONTRACTORS INFORMATION ONLY AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.



SECTION B-B

SCALE: 1"=5'-0"

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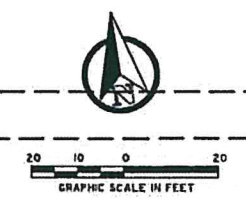
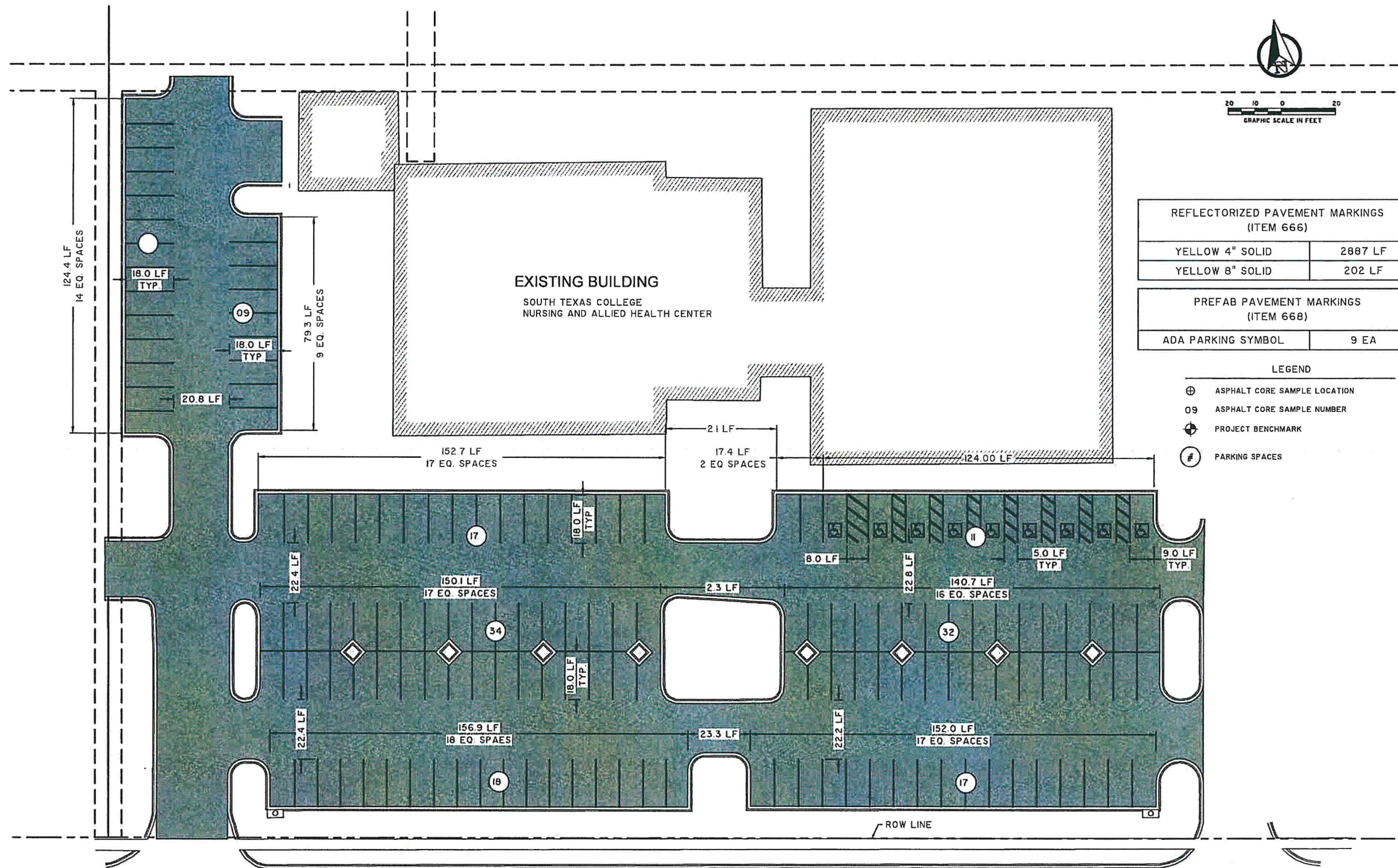


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SOUTH TEXAS COLLEGE
 NURSING ALLIED HEALTH CAMPUS
 RESURFACE OF PARKGIN LOT # 1

PAVEMENT DETAIL

SCALE: NS	DATE: APRIL 2019	FB. No.:	SURVEY BY:	DRAWN BY:	PREPARED BY:	CHECKED BY:	REVISION	DATE	BY



REFLECTORIZED PAVEMENT MARKINGS (ITEM 666)	
YELLOW 4" SOLID	2887 LF
YELLOW 8" SOLID	202 LF

PREFAB PAVEMENT MARKINGS (ITEM 668)	
ADA PARKING SYMBOL	9 EA

- LEGEND
- ⊕ ASPHALT CORE SAMPLE LOCATION
 - 09 ASPHALT CORE SAMPLE NUMBER
 - ⊕ PROJECT BENCHMARK
 - # PARKING SPACES

Professional Engineers & Land Surveyors
 R. Gutierrez
 Engineers
 Corporation
 130 E. PARK AVENUE • PHARR, TEXAS 78677
 (TEL) 956 782-2557 • (FAX) 956 782-2558
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SOUTH TEXAS COLLEGE
 NURSING ALLIED HEALTH CAMPUS
 RESURFACE OF PARKING LOT # 1
 STRIPING PLAN

SCALEMENTS	DATE	BY
DATE: APRIL 2019		
FB. No.:		
SURVEY BY:		
DRAWN BY:		
PREPARED BY:		
CHECKED BY:		

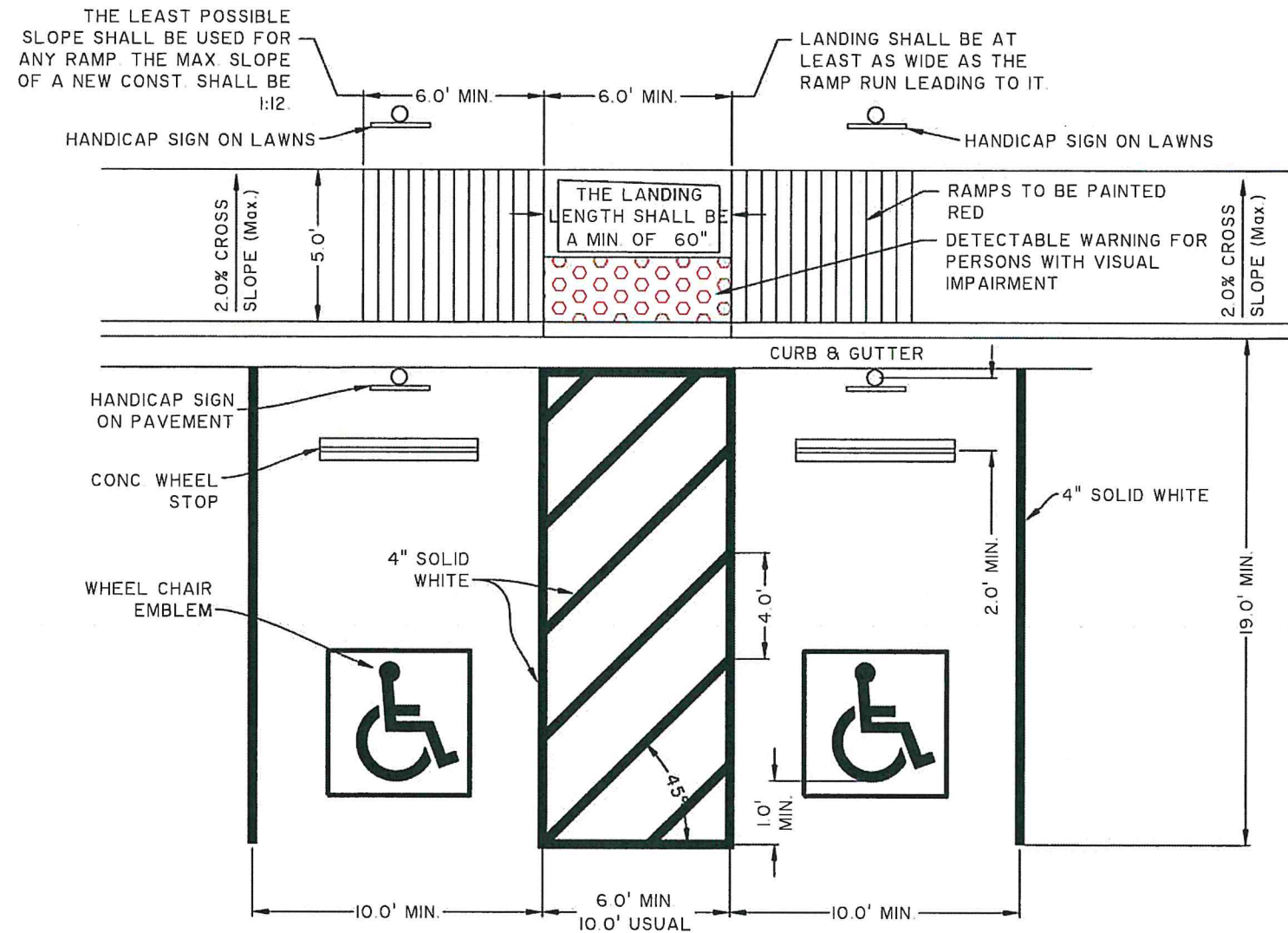
SHEET
 C10

E VERMONT AVE

A STRIPING PLAN
 SCALE 1"=20'

- NOTES:
- ALL HORIZONTAL COORDINATES SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83) SOUTH ZONE.
 - ALL VERTICAL (ELEVATIONS) COORDINATES SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) SOUTH ZONE.

HANDICAP RAMP AT DRIVEWAY/STREET



HANDICAPPED PARKING DETAIL

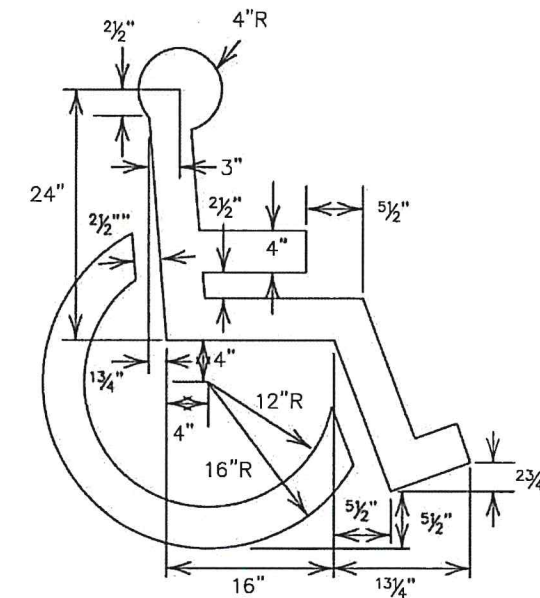
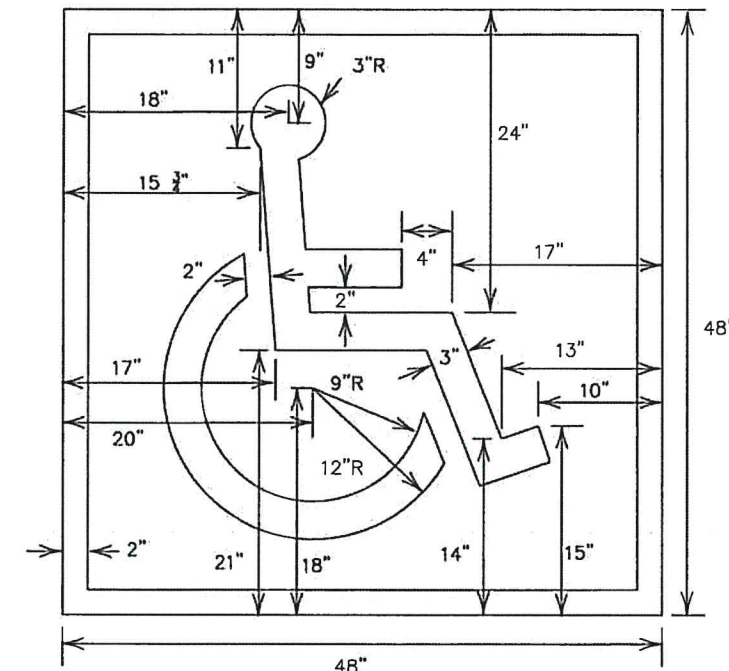
NTS

NOTES:

- ALL PARKING SPACE LIMIT LINES SHALL BE 4" SOLID WHITE LINES.
- AISLE MARKING SHOWN ARE EXAMPLES ONLY OTHER METHODS TO INDICATED A NO PARKING AREA ARE ACCEPTABLE AISLE MARKINGS SHALL BE WHITE.
- DIMENSIONS OF LIMIT LINES, AISLE MARKING, AND SYMBOL (WITH OR WITHOUT BACKGROUND) MAY VARY +10%
- PAVEMENT MARKING SYMBOLS (WITH BACKGROUND):
 - ARE REQUIRED UNLESS STATED ELSEWHERE IN THE PLANS.
 - SHOULD BE PLACED TOWARD THE FAR END OF THE PARKING SPACES SO AS TO BE VISIBLE TO MOTORISTS IN THE TRAVEL LANE
 - MAY BE PAINTED OR PREFABRICATED MATERIAL, AND
 - SHALL BE 30"x30" MINIMUM.
- WITH APPROVAL OF THE ENGINEER, PREFABRICATED PAVEMENT MARKING SYMBOLS WITH BACKGROUND OF OTHER DIMENSIONS EXCEEDING THE 30"x30" MINIMUM.
- AN R7-8 SIGN:
 - SHALL BE REQUIRED FOR EACH ACCESSIBLE PARKING SPACE
 - SHALL NOT BE PLACED BETWEEN TWO ACCESSIBLE PARKING SPACE
 - SHALL NOT BE PLACED IN A LOCATION THAT RESTRICTS MOVEMENT OF WHEELCHAIRS WITHIN THE ADJACENT SIDEWALK, AND
 - SHALL HAVE A MINIMUM MOUNTING HEIGHT OF 7 FEET. IF MOUNTED TO WALL OR LOCATED SO AS NOT TO BE NEAR PEDESTRIAN TRAFFIC MINIMUM MOUNTING HEIGHT MAY BE 7 FEET

WITH BACKGROUND

SYMBOL & BORDER: WHITE
BACKGROUND: BLUE



SYMBOL ONLY

SYMBOL: BLUE OR WHITE

HANDICAP WHEEL CHAIR EMBLEM DETAIL

Professional Engineers & Land Surveyors
R. Gutierrez Engineering Corporation
130 E. PARK AVENUE • PHARR, TEXAS 78577
(TEL) 566-782-2551 • (FAX) 566-782-2558
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SOUTH TEXAS COLLEGE
NURSING ALLIED HEALTH CAMPUS
RESURFACE OF PARKING LOT # 1
ADA PARKING LOT MARKING DETAILS

SCALE/NTS	DATE	BY	REVISION	DATE	BY
DATE: APRIL 2019					
FB. NO.:					
SURVEY BY:					
DRAWN BY: RG					
PREPARED BY:					
CHECKED BY:					

SHEET
CII