

Parking Lot Improvements South of the Proposed  
Mississippi Center for Innovation and Tech Transfer  
(MCITT)  
MS# 50845  
(Old MS Hardware Building at 1622 Washington Street)

**ADDENDUM NO. 1**

**Pickering Firm, Inc.  
2001 Airport Road, Suite 201  
Flowood, MS 39232**

**PFI Project No. 25356.00**

**Date: March 5, 2019**



## **ADDENDUM NUMBER 1, March 5, 2019.**

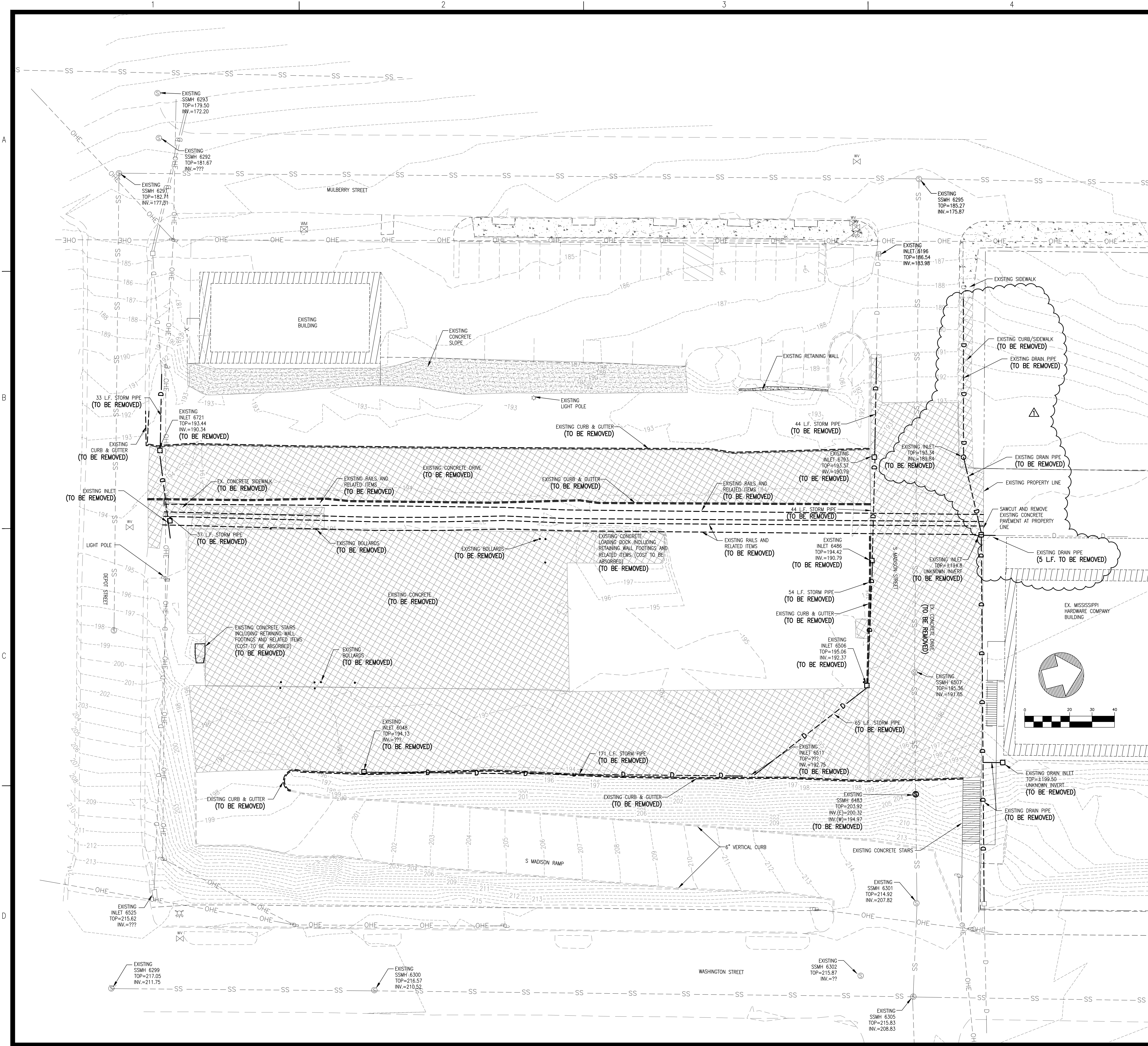
**NOTICE TO ALL BIDDERS:** This Addendum modifies (changes, adds to, deletes from) and/or interprets the Bidding Documents (Project Manual and/or Drawings, as indicated), and becomes part of the Contract Documents when the Agreement between the Owner and Contractor is executed. *Acknowledge receipt of this Addendum by inserting its number and date on the Proposal Form where indicated.*

### **NOTICE:**

1. Revised Plan Sheets C2.0, C2.1, C3.0, C3.1, C4.0, C4.1, C4.2, C4.3, C5.0, C5.1, C6.0, C6.1, C7.2, L1.0, and L1.1.
2. Revised Bid Form attached.
3. Red Maple trees are an acceptable substitute for sugar maple trees.

**Please attach this addendum to the inside front cover of each project manual and acknowledge its receipt in designated space on proposal form.**





- LINE LEGEND**
- UGE --- EXISTING UNDERGROUND ELECTRIC LINES
  - C --- EXISTING GAS LINE
  - W --- EXISTING WATER LINE
  - SS --- EXISTING SANITARY SEWER LINE
  - UGT --- EXISTING UNDERGROUND TELEPHONE LINE
  - D --- EXISTING DRAINAGE/STORM SEWER LINE
  - X --- EXISTING FENCE
  - ⊙ --- EXISTING SANITARY SEWER MANHOLE
  - --- EXISTING EDGE OF PAVEMENT
  - --- EXISTING FACE OF CURB
  - --- EXISTING BACK OF CURB
  - --- EXISTING 1' CONTOUR
  - --- EXISTING 5' CONTOUR
  - --- PROPOSED 1' CONTOUR
  - --- PROPOSED 5' CONTOUR
  - --- 8" W --- 8" WATER LINE
  - --- 6" W --- 6" WATER LINE
  - --- WATER SERVICE
  - --- EXISTING FIRE HYDRANT
  - --- FIRE HYDRANT
  - --- 8" SS --- SANITARY SEWER LINE
  - --- SANITARY SEWER SERVICE
  - ⊙ --- PROPOSED SANITARY SEWER MANHOLE
  - --- DRAINAGE/STORM SEWER LINE
  - --- SILTFENCE
  - --- PROPOSED GUARDRAIL
  - --- INLET PROTECTION

- DEMOLITION LINE LEGEND (TO BE REMOVED)**
- UGE --- EXISTING UNDERGROUND ELECTRIC LINES
  - SS --- EXISTING SANITARY SEWER LINE
  - UGT --- EXISTING UNDERGROUND TELEPHONE LINE
  - D --- EXISTING DRAINAGE/STORM SEWER LINE
  - X --- EXISTING FENCE
  - --- EXISTING EDGE OF PAVEMENT
  - --- EXISTING FACE OF CURB
  - --- EXISTING BACK OF CURB
  - --- EXISTING GAS LINE
  - --- EXISTING TREE TO BE REMOVED

- LEGEND**
- ▨ ASPHALT, CONCRETE AND/OR BRICK TO BE REMOVED

REVISIONS:

1	3/4/19	ADDENDUM 1

PROJECT #: 25356.00  
 DATE: 2-6-19  
 DRAWN BY: SB  
 DESIGNER: SDM  
 CHECKED BY: SDM

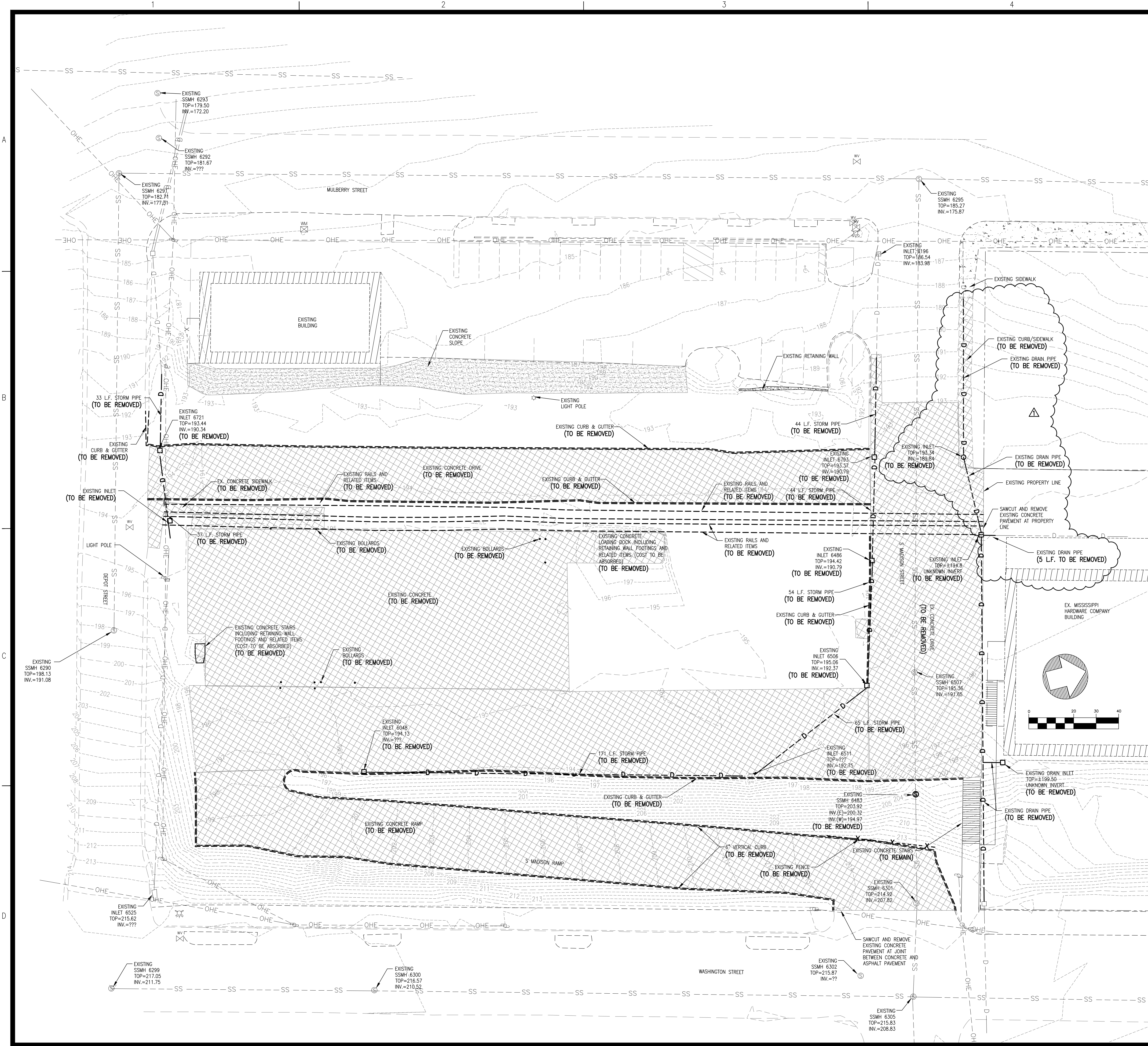
**Pickering**  
 Pickering Firm, Inc.  
 Facility Design • Civil Engineering • Surveying •  
 Transportation • Natural Resource Resources  
 200 Flamingo Road  
 Flowood, MS 39232  
 601.966.3663

**Parking Lot Improvements**  
**South of Proposed MCITT MS #50845**  
**(Old MS Hardware Building)**  
 Vicksburg, Mississippi

SEAL:

SHEET NUMBER:  
**C2.0**

DESCRIPTION:  
 Existing Conditions and Demolition Plan



- LINE LEGEND**
- UGE --- EXISTING UNDERGROUND ELECTRIC LINES
  - G --- EXISTING GAS LINE
  - W --- EXISTING WATER LINE
  - SS --- EXISTING SANITARY SEWER LINE
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  - EXISTING EDGE OF PAVEMENT
  - EXISTING FACE OF CURB
  - EXISTING BACK OF CURB
  - EXISTING 1' CONTOUR
  - EXISTING 5' CONTOUR
  - 194 --- PROPOSED 1' CONTOUR
  - 195 --- PROPOSED 5' CONTOUR
  - 8" W --- 8" WATER LINE
  - 6" W --- 6" WATER LINE
  - W --- WATER SERVICE
  - EXISTING FIRE HYDRANT
  - FIRE HYDRANT
  - 8" SS --- SANITARY SEWER LINE
  - S --- SANITARY SEWER SERVICE
  - ⊙ EXISTING SANITARY SEWER MANHOLE
  - DRAINAGE/STORM SEWER LINE
  - SF --- SILTFENCE
  - PROPOSED GUARDRAIL
  - INLET PROTECTION

- DEMOLITION LINE LEGEND (TO BE REMOVED)**
- UGE --- EXISTING UNDERGROUND ELECTRIC LINES
  - SS --- EXISTING SANITARY SEWER LINE
  - UGT --- EXISTING UNDERGROUND TELEPHONE LINE
  - D --- EXISTING DRAINAGE/STORM SEWER LINE
  - - - X - - - EXISTING FENCE
  - EXISTING EDGE OF PAVEMENT
  - EXISTING FACE OF CURB
  - EXISTING BACK OF CURB
  - EXISTING GAS LINE
  - EXISTING TREE TO BE REMOVED

- LEGEND**
- ▨ ASPHALT, CONCRETE AND/OR BRICK TO BE REMOVED

REVISIONS:

1	3/4/19	ADDENDUM 1

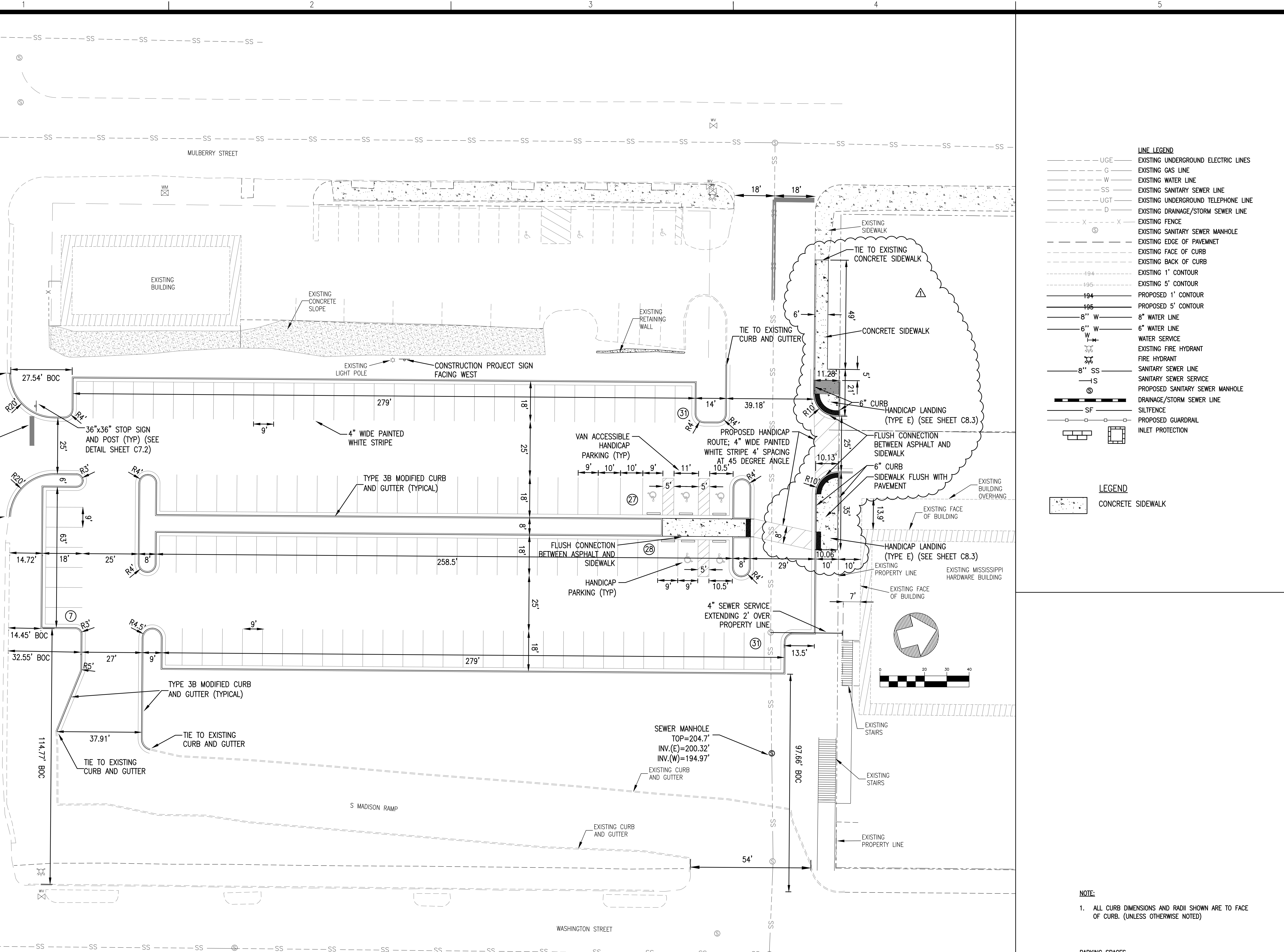
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**Parking Lot Improvements  
 South of Proposed MCITT MS #50845  
 (Old MS Hardware Building)  
 Vicksburg, Mississippi**

SEAL:  
  
 SHEET NUMBER:

**C2.1**  
 DESCRIPTION:  
 Existing Conditions and Demolition Plan - Add. Alternate



**LINE LEGEND**

— UGE	EXISTING UNDERGROUND ELECTRIC LINES
— G	EXISTING GAS LINE
— W	EXISTING WATER LINE
— SS	EXISTING SANITARY SEWER LINE
— UGT	EXISTING UNDERGROUND TELEPHONE LINE
— D	EXISTING DRAINAGE/STORM SEWER LINE
— X	EXISTING FENCE
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—	EXISTING EDGE OF PAVEMENT
—	EXISTING FACE OF CURB
—	EXISTING BACK OF CURB
— 194	EXISTING 1' CONTOUR
— 195	EXISTING 5' CONTOUR
— 194	PROPOSED 1' CONTOUR
— 195	PROPOSED 5' CONTOUR
— 8" W	8" WATER LINE
— 6" W	6" WATER LINE
— W	WATER SERVICE
—	EXISTING FIRE HYDRANT
—	FIRE HYDRANT
— 8" SS	SANITARY SEWER LINE
— S	SANITARY SEWER SERVICE
⊙	PROPOSED SANITARY SEWER MANHOLE
—	DRAINAGE/STORM SEWER LINE
— SF	SILT FENCE
—	PROPOSED GUARDRAIL
—	INLET PROTECTION

**LEGEND**

—	CONCRETE SIDEWALK
---	-------------------

**NOTE:**  
 1. ALL CURB DIMENSIONS AND RADII SHOWN ARE TO FACE OF CURB. (UNLESS OTHERWISE NOTED)

**PARKING SPACES**  
 124 TOTAL PARKING SPACES  
 INCLUDING 5 HANDICAP (1 VAN ACCESSIBLE)

**REVISIONS:**

1	3/4/19	ADDENDUM 1

**PROJECT #:** 25356.00  
**DATE:** 2-6-19  
**DRAWN BY:** SB  
**DESIGNER:** SDM  
**CHECKED BY:** SDM

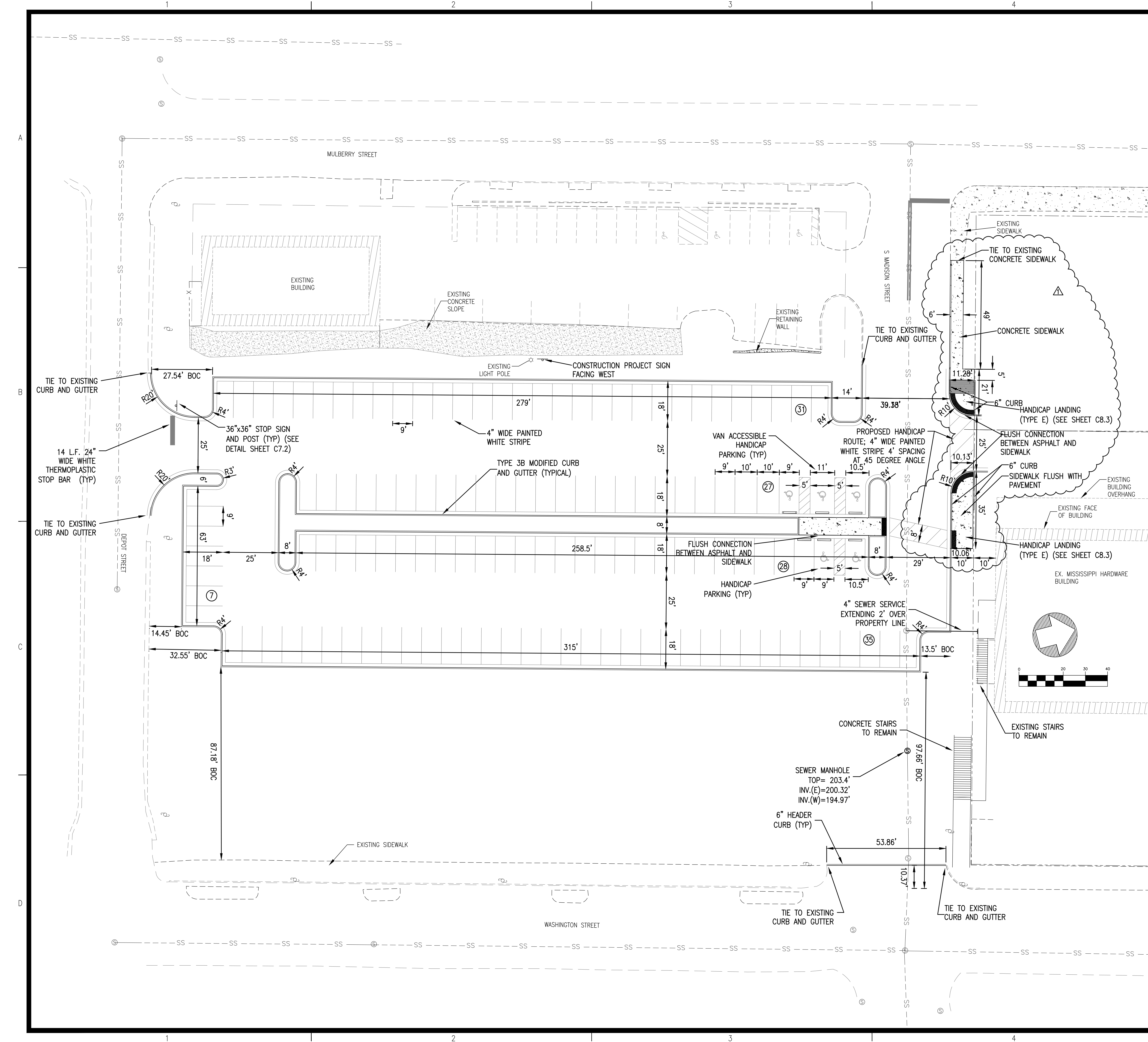
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 601.966.3663

**Parking Lot Improvements**  
**South of Proposed MCITT MS #50845**  
**(Old MS Hardware Building)**  
**Vicksburg, Mississippi**

**SEAL:**  
 MICHAEL B. D. MURPHY  
 ENGINEER  
 PE-15155  
 2-6-19  
 STATE OF MISSISSIPPI

**SHEET NUMBER:**  
**C3.0**

**DESCRIPTION:**  
 Site Plan



**LINE LEGEND**

UGE	EXISTING UNDERGROUND ELECTRIC LINES
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**LEGEND**

---	CONCRETE SIDEWALK
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128 TOTAL PARKING SPACES INCLUDING  
5 HANDICAP (1 VAN ACCESSIBLE)

REVISIONS:

1	3/4/19	ADDENDUM 1

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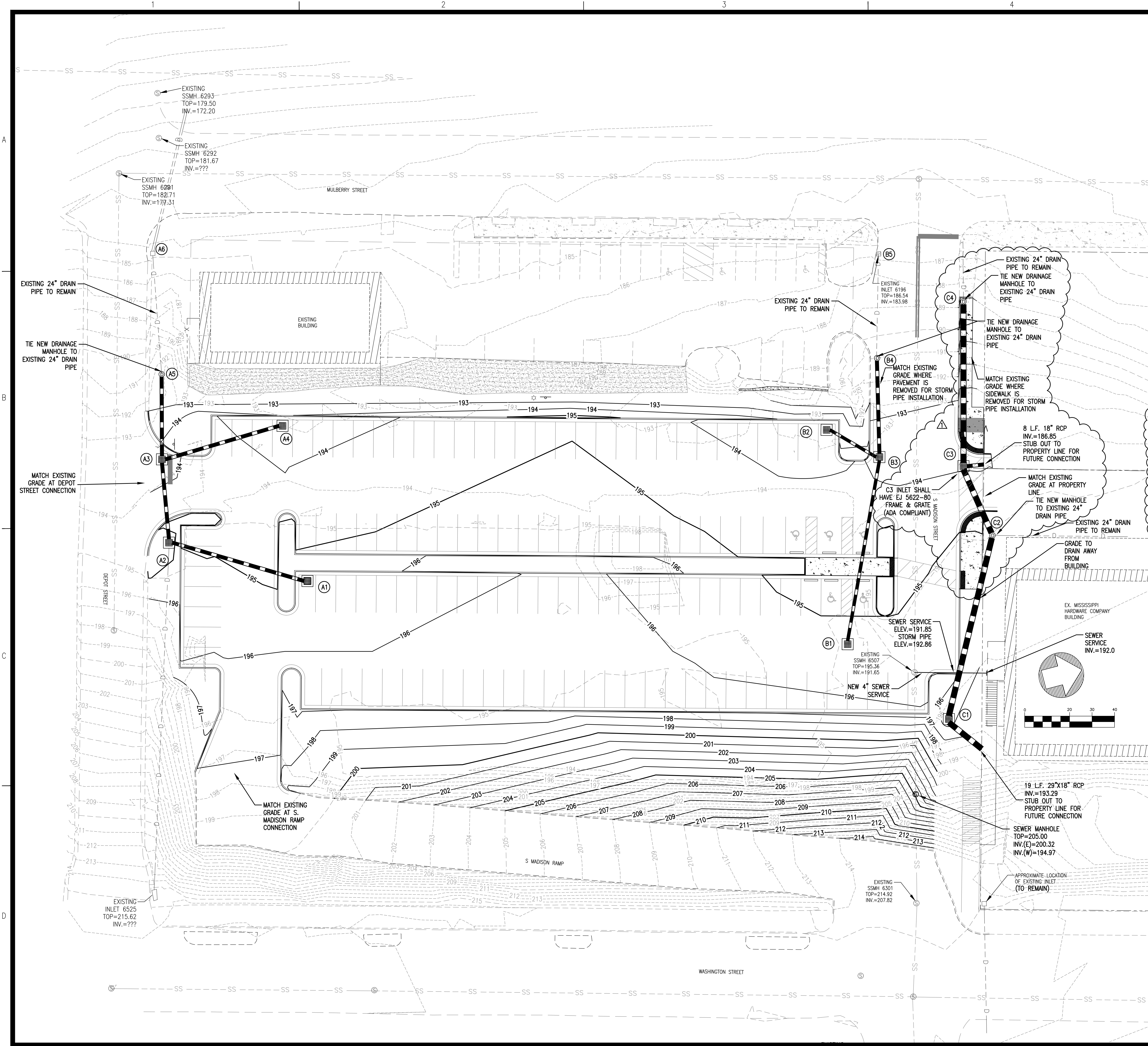
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Pickering Firm, Inc.  
Facility Design • Civil Engineering • Surveying •  
Transportation • Natural Resource Resources  
2000 Highway 201  
Flowood, MS 39232  
601.966.3663

**Parking Lot Improvements**  
**South of Proposed MCITT MS #50845**  
**(Old MS Hardware Building)**  
**Vicksburg, Mississippi**

SEAL:  
LESLIE D. MURPHY  
ENGINEER  
PE-15155  
2-6-19  
STATE OF MISSISSIPPI

SHEET NUMBER:  
**C3.1**

DESCRIPTION:  
Site Plan -  
Add. Alternate



**LINE LEGEND**

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**STORM DRAINAGE - PIPE DATA**

FROM	INV.	TO	INV.	PIPE SIZE (IN.)	SLOPE (%)	LENGTH (FT.)	DESIGN Q (25YR) (CFS)	PIPE CAPACITY (CFS)	DRAIN AREA (AC)
A1	192.20	A2	191.80	18" RCP	0.65	62	2.50	8.44	0.30
A2	191.80	A3	190.30	18" RCP	4.29	35	7.25	21.75	0.87
A4	190.60	A3	190.30	18" RCP	0.57	53	5.83	7.90	0.70
A3	190.30	A5	188.50	18" RCP	5.00	36	14.33	23.49	1.72
A5	188.50	A6	182.20	24" RCP	11.89	53	14.33	78.00	1.72
B1	191.90	B3	189.80	15" RCP	2.56	82	2.25	10.34	0.27
B2	190.10	B3	189.80	15" RCP	1.25	24	3.00	7.22	0.36
B3	189.80	B4	185.71	18" RCP	7.36	42	6.91	28.49	0.83
B4	185.71	B5	183.98	24" RCP	6.07	45	6.91	55.72	1.10
C1	193.10	C2	192.10	29"x18" RCP	1.22	82	11.08	24.98	0.50
C2	190.10	C3	186.80	29"x18" RCP	10.65	31	15.24	73.81	1.00
C3	186.80	C4	185.00	29"x18" RCP	2.64	71	19.41	36.02	1.50

**STORM DRAINAGE - STRUCTURE DATA**

STRUC. NO.	STRUC. TYPE	TOP/GRATE ELEV.	INVERT ELEV.	AREA (AC)	DESIGN Q 25-YR (CFS)
A1	SS-3	195.00	192.20	0.30	2.50
A2	SS-3	194.90	191.80	0.57	4.75
A3	SS-3	193.80	190.30	0.15	1.25
A4	SS-3	193.40	190.60	0.70	5.83
A5	DMH	192.80	188.50	-	-
A6	SS-3	185.00	182.20	-	-
B1	SS-3	195.10	191.90	0.27	2.25
B2	SS-3	193.10	190.10	0.36	3.00
B3	SS-3	193.70	189.80	0.20	1.67
B4	DMH	191.00	186.71	-	-
B5	SS-3	186.54	183.98	-	-
C1	SS-3	195.80	193.10	0.50	4.17
C2	DMH	195.00	190.10	-	-
C3	SS-3	193.90	186.80	0.50	4.17
C4	DMH	189.00	185.00	-	-

TOP ELEVATION ON SS-2 CURB INLETS = TOP OF CURB  
 TOP ELEVATION ON DRAINAGE MANHOLES = TOP OF RM  
 TOP ELEVATION ON SS DRAIN INLETS = TOP OF GRATE  
 TOP ELEVATION ON NYLOPLAST BASIN = TOP OF GRATE

- NOTES:**
- STRUCTURES A5, B4, C2, C3 AND C4 INVERTS ARE ESTIMATED. PRIOR TO ORDERING MATERIALS, CONTRACTOR TO VERIFY INVERT AND NOTIFY ENGINEER IF INVERT IS DIFFERENT IN THE FIELD THAN WHAT IS SHOWN ON PLANS.
  - STRUCTURES A6 AND B5 ARE EXISTING TO REMAIN.
  - PIPES FROM STRUCTURES A5 TO A6 AND B4 TO B5 ARE EXISTING PIPES AND SHALL REMAIN. NO NEW PIPE IS NEEDED FOR THESE SECTIONS.

REVISIONS:

1	3/4/19	ADDENDUM 1

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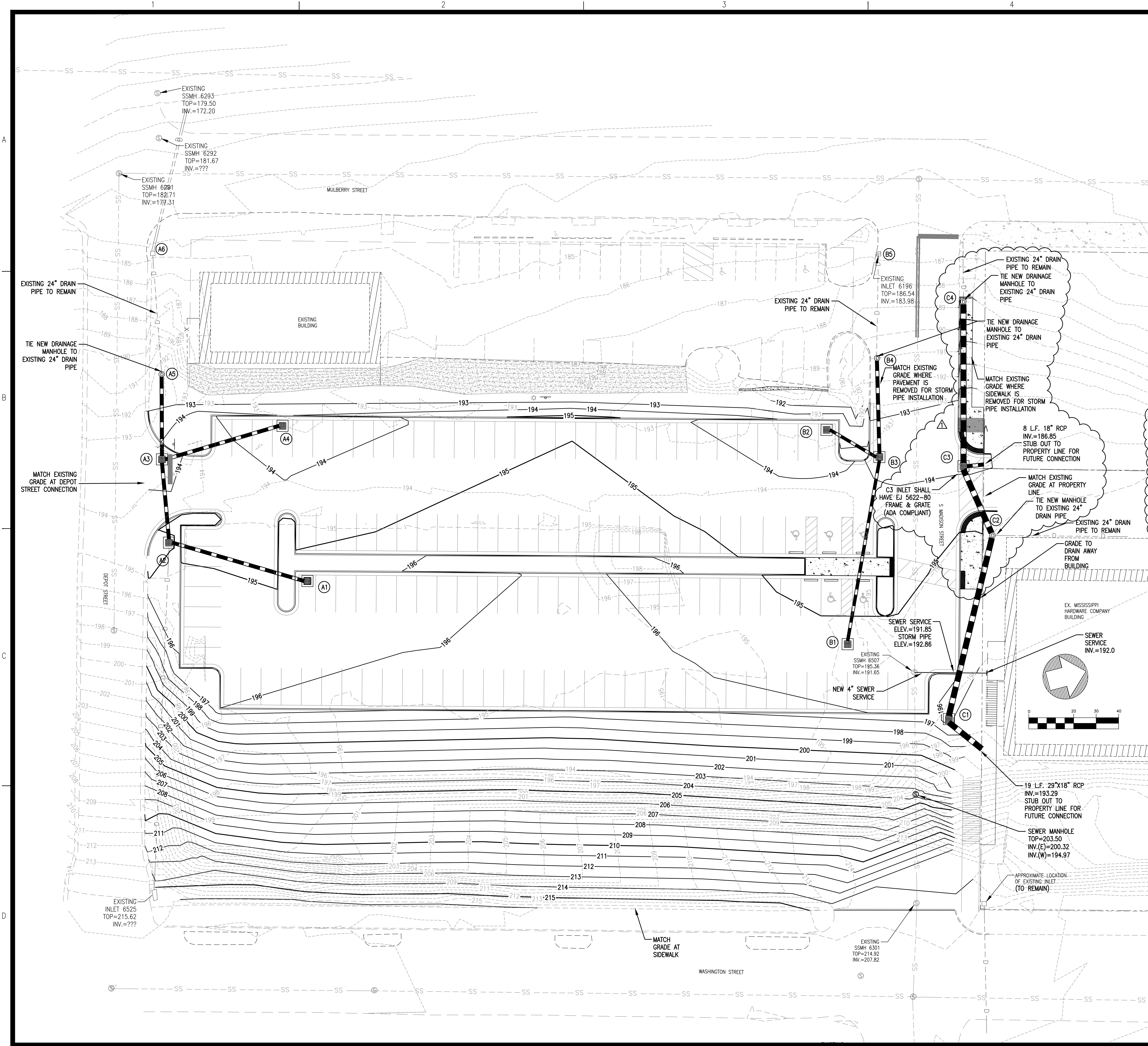
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 Transportation - Natural Resource Resources  
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 Flowood, MS 39232  
 601.966.3663

**Parking Lot Improvements**  
 South of Proposed MCITT MS #50845  
 (Old MS Hardware Building)  
 Vicksburg, Mississippi

SEAL:

SHEET NUMBER: **C4.0**

DESCRIPTION: Grading and Drainage Plan



**LINE LEGEND**

- UGE --- EXISTING UNDERGROUND ELECTRIC LINES
- G --- EXISTING GAS LINE
- W --- EXISTING WATER LINE
- SS --- EXISTING SANITARY SEWER LINE
- UGT --- EXISTING UNDERGROUND TELEPHONE LINE
- D --- EXISTING DRAINAGE/STORM SEWER LINE
- - - X - - - EXISTING FENCE
- ⊙ EXISTING SANITARY SEWER MANHOLE
- - - - - EXISTING EDGE OF PAVEMENT
- - - - - EXISTING FACE OF CURB
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- - - - - 194 PROPOSED 1' CONTOUR
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- 8" W 8" WATER LINE
- 6" W 6" WATER LINE
- W WATER SERVICE
- ⊙ EXISTING FIRE HYDRANT
- ⊙ FIRE HYDRANT
- ⊙ SANITARY SEWER LINE
- ⊙ SANITARY SEWER SERVICE
- ⊙ PROPOSED SANITARY SEWER MANHOLE
- DRAINAGE/STORM SEWER LINE
- SILTFENCE
- PROPOSED GUARDRAIL
- INLET PROTECTION

**STORM DRAINAGE - PIPE DATA**

FROM	INV. ELEV.	TO	INV. ELEV.	PIPE SIZE (IN.)	SLOPE (%)	LENGTH (FT.)	DESIGN Q (25YR) (CFS)	PIPE CAPACITY (CFS)	DRAIN AREA (AC)
A1	192.20	A2	191.80	18" RCP	0.65	62	2.50	8.44	0.30
A2	191.80	A3	190.30	18" RCP	4.29	35	7.25	21.75	0.87
A4	190.60	A3	190.30	18" RCP	0.57	53	5.83	7.90	0.70
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C2	190.10	C3	186.80	29"x18" RCP	10.65	31	15.24	73.81	1.00
C3	186.80	C4	185.00	29"x18" RCP	2.64	71	19.41	36.02	1.50

**STORM DRAINAGE - STRUCTURE DATA**

STRUC. NO.	STRUC. TYPE	TOP/GRATE ELEV.	INVERT ELEV.	AREA (AC)	DESIGN Q (25-YR) (CFS)
A1	SS-3	195.00	192.20	0.30	2.50
A2	SS-3	194.90	191.80	0.57	4.75
A3	SS-3	193.80	190.30	0.15	1.25
A4	SS-3	193.40	190.60	0.70	5.83
A5	DMH	192.80	188.50	-	-
A6	SS-3	185.00	182.20	-	-
B1	SS-3	195.10	191.90	0.27	2.25
B2	SS-3	193.10	190.10	0.36	3.00
B3	SS-3	193.70	189.80	0.20	1.67
B4	DMH	191.00	186.71	-	-
B5	SS-3	186.54	183.98	-	-
C1	SS-3	195.80	193.10	0.50	4.17
C2	DMH	195.00	190.10	-	-
C3	SS-3	193.90	186.80	0.50	4.17
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TOP ELEVATION ON SS-2 CURB INLETS = TOP OF CURB  
 TOP ELEVATION ON DRAINAGE MANHOLES = TOP OF RM  
 TOP ELEVATION ON SS DRAIN INLETS = TOP OF GRATE  
 TOP ELEVATION ON NYLOLAST BASIN = TOP OF GRATE

- NOTES:**
- STRUCTURES A5, B4, C2, C3 AND C4 INVERTS ARE ESTIMATED. PRIOR TO ORDERING MATERIALS, CONTRACTOR TO VERIFY INVERT AND NOTIFY ENGINEER IF INVERT IS DIFFERENT IN THE FIELD THAN WHAT IS SHOWN ON PLANS.
  - STRUCTURES A6 AND B5 ARE EXISTING TO REMAIN.
  - PIPES FROM STRUCTURES A5 TO A6 AND B4 TO B5 ARE EXISTING PIPES AND SHALL REMAIN. NO NEW PIPE IS NEEDED FOR THESE SECTIONS.

REVISIONS:

3/4/19	ADDENDUM 1

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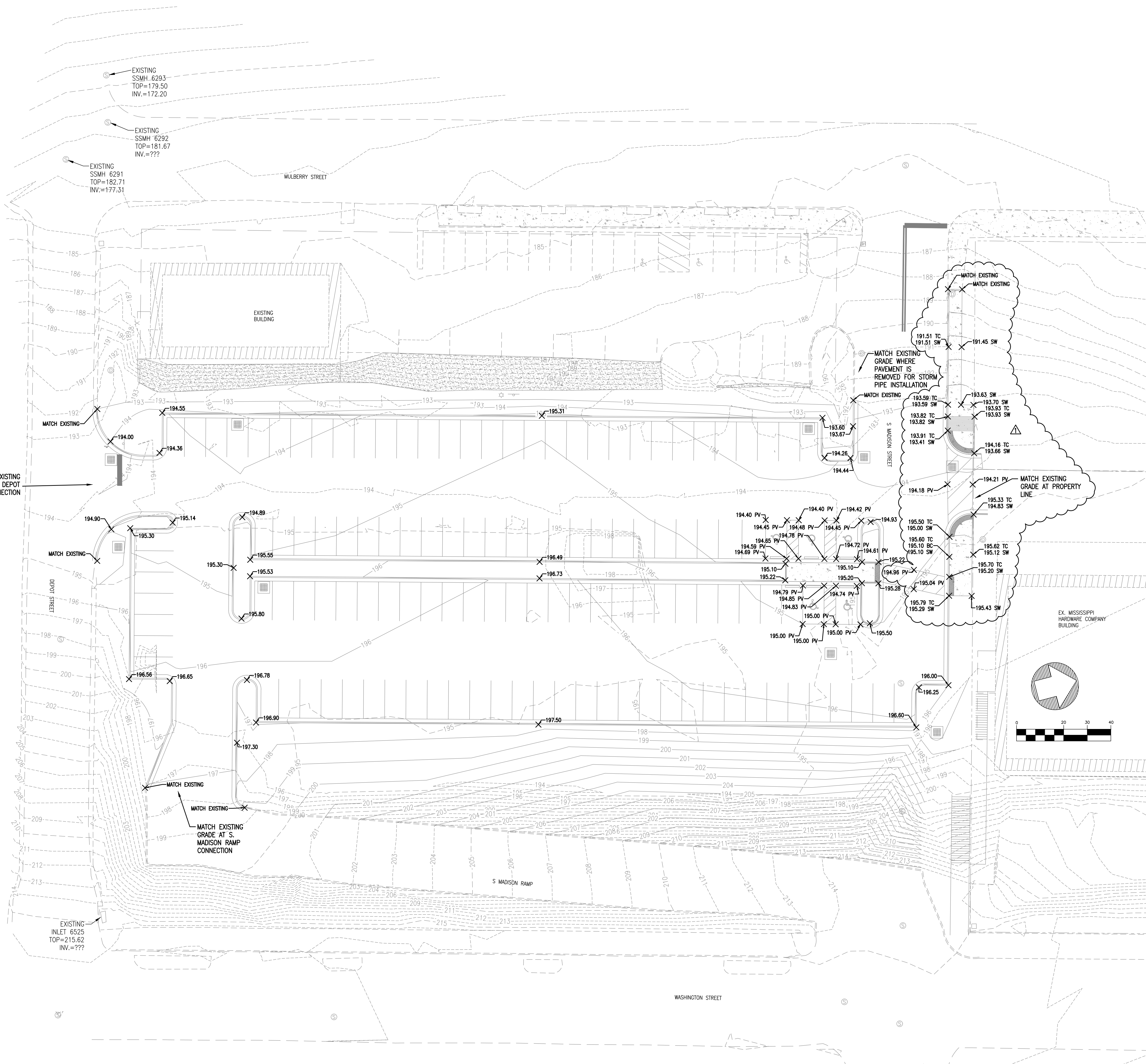
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 Vicksburg, Mississippi**

SEAL:

SHEET NUMBER: **C4.1**

DESCRIPTION:  
 Grading and  
 Drainage Plan -  
 Add. Alternate



**LINE LEGEND**

---	UGE	EXISTING UNDERGROUND ELECTRIC LINES
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---	W	EXISTING WATER LINE
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---	8" W	8" WATER LINE
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---	---	EXISTING FIRE HYDRANT
---	---	FIRE HYDRANT
---	8" SS	SANITARY SEWER LINE
---	---	SANITARY SEWER SERVICE
⊙	⊙	PROPOSED SANITARY SEWER MANHOLE
---	---	DRAINAGE/STORM SEWER LINE
---	SF	SILT FENCE
---	---	PROPOSED GUARDRAIL
---	---	INLET PROTECTION

- NOTES:**
1. ALL SPOT ELEVATIONS ALONG CURBLINE ARE TOP OF CURB ELEVATION UNLESS NOTED OTHERWISE.
  2. ALL ELEVATIONS SHOWN ARE TO FINISHED GRADE INCLUDING SEEDING, SOD AND PAVEMENT.

325.50 PROPOSED SPOT ELEVATION

**ABBREVIATION LEGEND**

PV=PAVEMENT  
 TR=TOP OF RAMP  
 BR=BOTTOM OF RAMP  
 TC=TOP OF CURB  
 BC=BOTTOM OF CURB  
 SW=TOP OF SIDEWALK

**REVISIONS:**

△	3/4/19	ADDENDUM 1
△		
△		
△		

**PROJECT #:** 25356.00

**DATE:** 2-6-19

**DRAWN BY:** SB

**DESIGNER:** SDM

**CHECKED BY:** SDM

**Pickering**

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**(Old MS Hardware Building)**  
**Vicksburg, Mississippi**

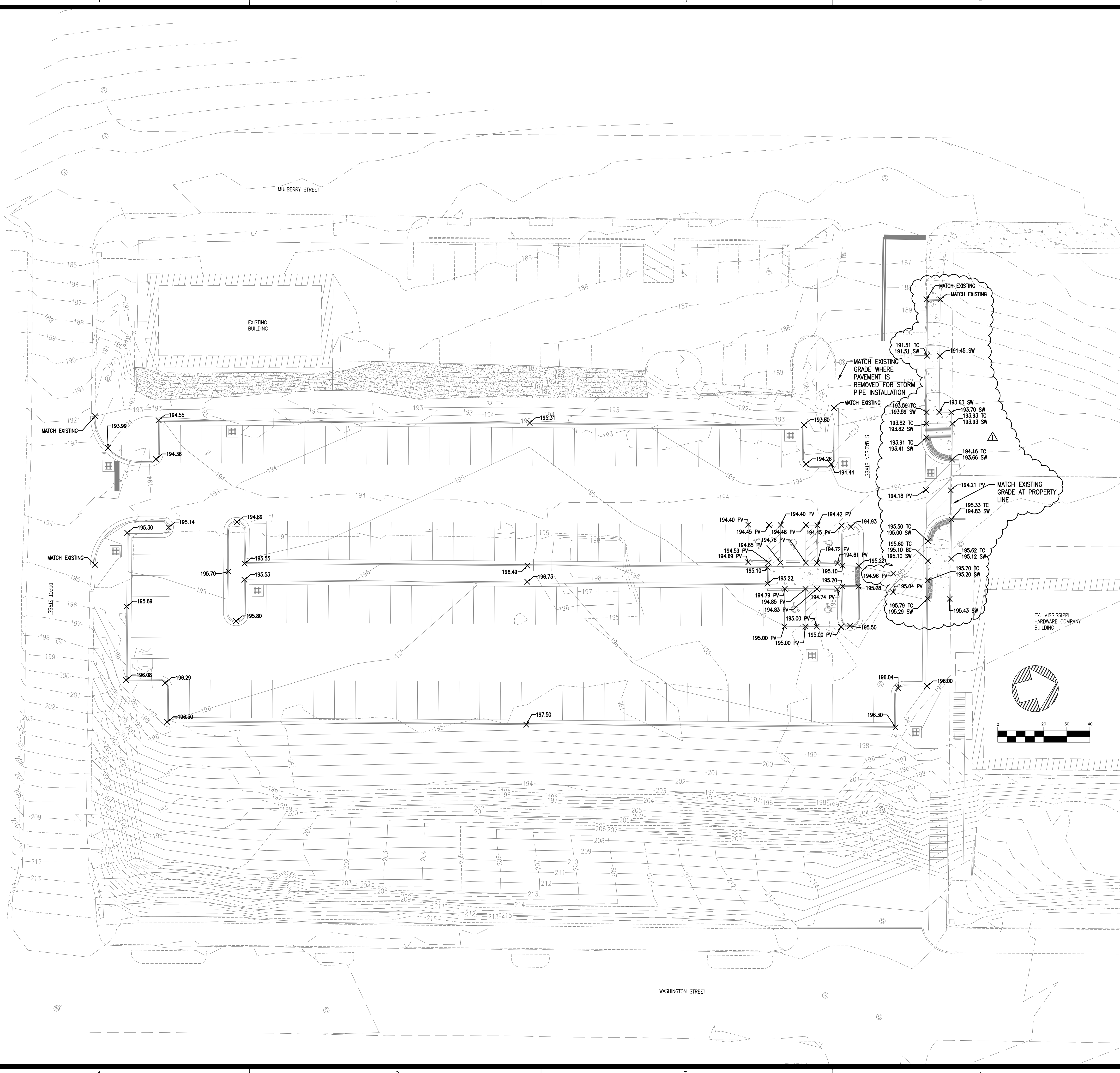
**SEAL:**

W. D. MURPHY  
 ENGINEER  
 PE-15155  
 2-6-19  
 STATE OF MISSISSIPPI

**SHEET NUMBER:**

**C4.2**

**DESCRIPTION:**  
 Spot Elevation Plan



**LINE LEGEND**

---	UGE	EXISTING UNDERGROUND ELECTRIC LINES
---	G	EXISTING GAS LINE
---	W	EXISTING WATER LINE
---	SS	EXISTING SANITARY SEWER LINE
---	UGT	EXISTING UNDERGROUND TELEPHONE LINE
---	D	EXISTING DRAINAGE/STORM SEWER LINE
-X-X-		EXISTING FENCE
⊙		EXISTING SANITARY SEWER MANHOLE
- - -		EXISTING EDGE OF PAVEMENT
- - -		EXISTING FACE OF CURB
- - -		EXISTING BACK OF CURB
-194-		EXISTING 1' CONTOUR
-195-		EXISTING 5' CONTOUR
-194-		PROPOSED 1' CONTOUR
-195-		PROPOSED 5' CONTOUR
---	8" W	8" WATER LINE
---	6" W	6" WATER LINE
---	W	WATER SERVICE
---	---	EXISTING FIRE HYDRANT
---	---	FIRE HYDRANT
---	8" SS	SANITARY SEWER LINE
---	S	SANITARY SEWER SERVICE
⊙		PROPOSED SANITARY SEWER MANHOLE
---	---	DRAINAGE/STORM SEWER LINE
---	SF	SILT FENCE
---	---	PROPOSED GUARDRAIL
---	---	INLET PROTECTION

- NOTES:**
1. ALL SPOT ELEVATIONS ALONG CURBLINE ARE TOP OF CURB ELEVATION UNLESS NOTED OTHERWISE.
  2. ALL ELEVATIONS SHOWN ARE TO FINISHED GRADE INCLUDING SEEDING, SOD AND PAVEMENT.

PROPOSED SPOT ELEVATION  
**ABBREVIATION LEGEND**  
 PV=PAVEMENT  
 TR=TOP OF RAMP  
 BR=BOTTOM OF RAMP  
 TC=TOP OF CURB  
 BC=BOTTOM OF CURB  
 SW=TOP OF SIDEWALK

**REVISIONS:**

△	3/4/19	ADDENDUM 1
△		
△		
△		

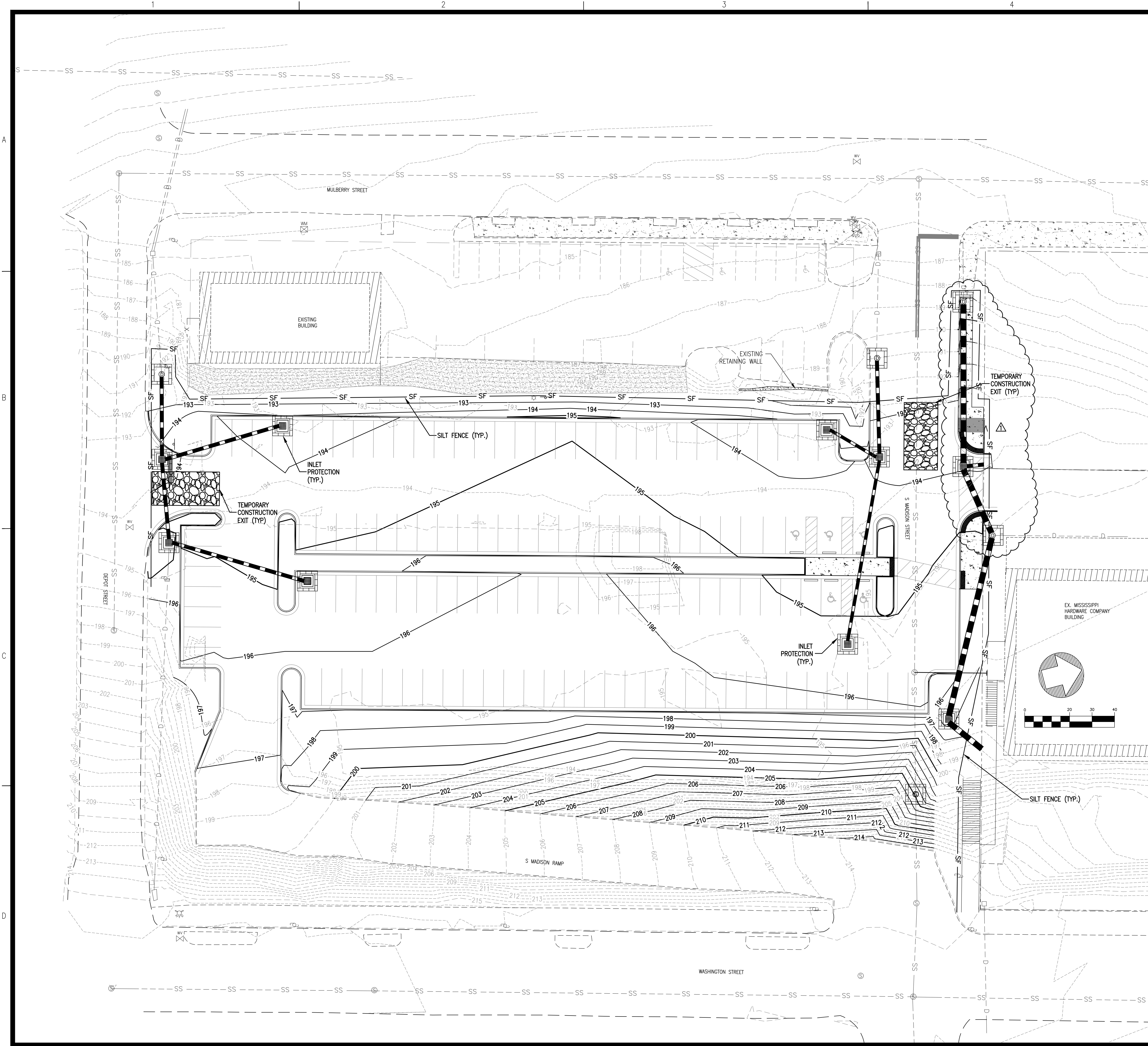
PROJECT #: 25356.00  
 DATE: 2-6-19  
 DRAWN BY: SB  
 DESIGNER: SDM  
 CHECKED BY: SDM

**Pickering**  
 Pickering Firm, Inc.  
 Facility Design - Civil Engineering - Surveying -  
 Transportation - Natural Resource Resources  
 200 Flamingo Road, Suite 201  
 Flowood, MS 39232  
 601.966.3663

**Parking Lot Improvements**  
**South of Proposed MCITT MS #50845**  
**(Old MS Hardware Building)**  
**Vicksburg, Mississippi**

**SEAL:**  
  
 SHELY D. MURA  
 ENGINEER  
 PE-15155  
 2-6-19  
 STATE OF MISSISSIPPI

SHEET NUMBER:  
**C4.3**  
 DESCRIPTION:  
 Spot Elevation Plan -  
 Add. Alternate



**LINE LEGEND**

---	UGE	EXISTING UNDERGROUND ELECTRIC LINES	
- - -	G	EXISTING GAS LINE	
- - -	W	EXISTING WATER LINE	
- - -	SS	EXISTING SANITARY SEWER LINE	
- - -	UGT	EXISTING UNDERGROUND TELEPHONE LINE	
- - -	D	EXISTING DRAINAGE/STORM SEWER LINE	
- - - X - - -	X	EXISTING FENCE	
⊙	⊙	EXISTING SANITARY SEWER MANHOLE	
- - -	- - -	EXISTING EDGE OF PAVEMENT	
- - -	- - -	EXISTING FACE OF CURB	
- - -	- - -	EXISTING BACK OF CURB	
- - -	- - -	EXISTING 1' CONTOUR	
- - -	- - -	EXISTING 5' CONTOUR	
- - -	- - -	PROPOSED 1' CONTOUR	
- - -	- - -	PROPOSED 5' CONTOUR	
- - -	- - -	8" W	8" WATER LINE
- - -	- - -	6" W	6" WATER LINE
- - -	- - -	W	WATER SERVICE
⊙	⊙	EXISTING FIRE HYDRANT	
⊙	⊙	FIRE HYDRANT	
- - -	- - -	8" SS	SANITARY SEWER LINE
- - -	- - -	S	SANITARY SEWER SERVICE
⊙	⊙	⊙	PROPOSED SANITARY SEWER MANHOLE
- - -	- - -	- - -	DRAINAGE/STORM SEWER LINE
- - -	- - -	- - -	SILTFENCE
- - -	- - -	- - -	PROPOSED GUARDRAIL
⊙	⊙	⊙	INLET PROTECTION

REVISIONS:

△	3/4/19	ADDENDUM 1
△		
△		
△		

PROJECT #: 25356.00  
 DATE: 2-6-19  
 DRAWN BY: SB  
 DESIGNER: SDM  
 CHECKED BY: SDM

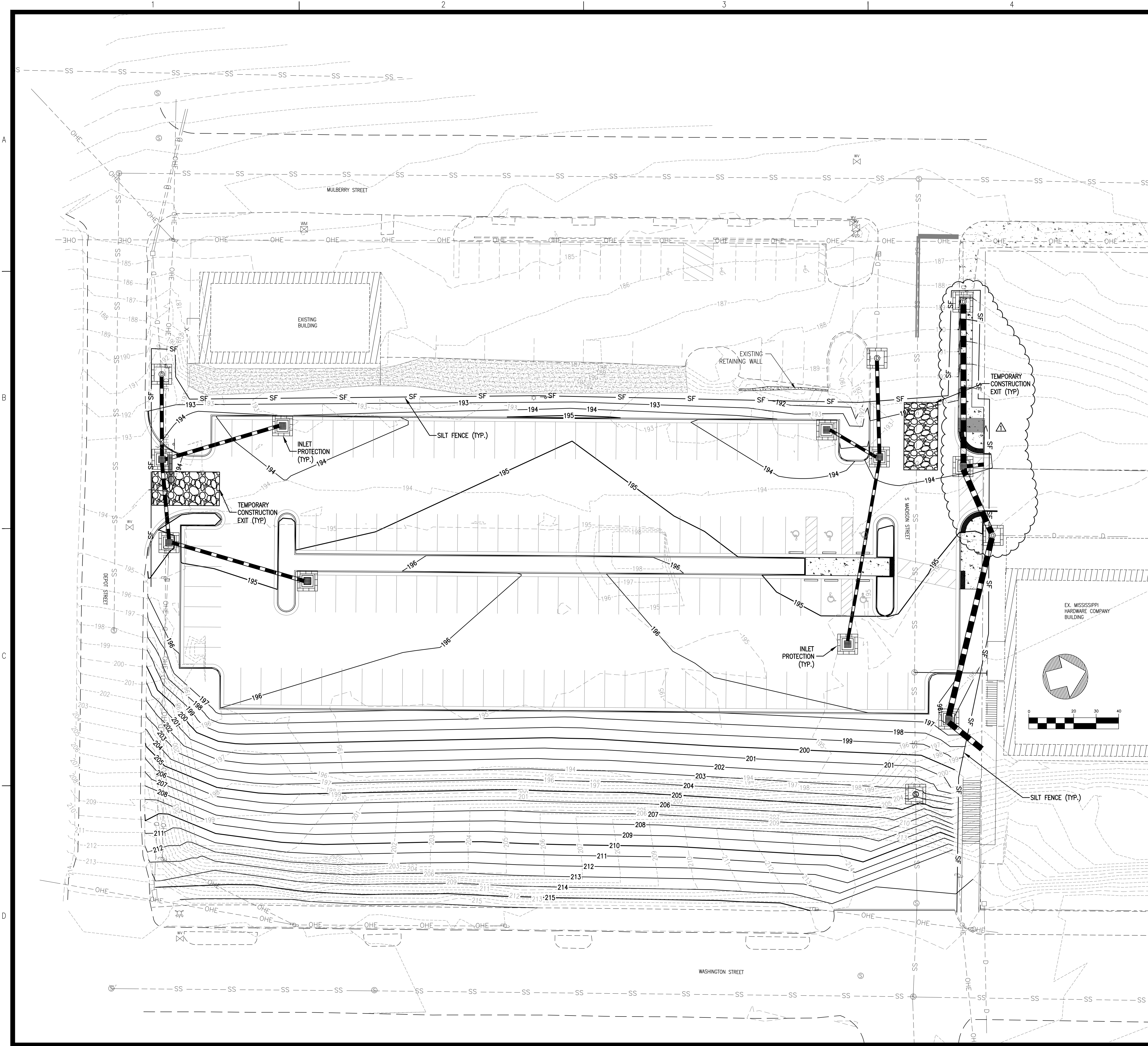
**Pickering**  
 Pickering Firm, Inc.  
 Facility Design • Civil Engineering • Surveying •  
 Transportation • Natural Resource Resources  
 200 Flamingo, Suite 201  
 Flowood, MS 39232  
 601.966.3663

**Parking Lot Improvements  
 South of Proposed MCITT MS #50845  
 (Old MS Hardware Building)  
 Vicksburg, Mississippi**

SEAL:  
  
 ENGINEER  
 PE-15155  
 2-6-19  
 STATE OF MISSISSIPPI

SHEET NUMBER:  
**C5.0**

DESCRIPTION:  
 Erosion Control Plan



**LINE LEGEND**

---	UGE	EXISTING UNDERGROUND ELECTRIC LINES
---	G	EXISTING GAS LINE
---	W	EXISTING WATER LINE
---	SS	EXISTING SANITARY SEWER LINE
---	UGT	EXISTING UNDERGROUND TELEPHONE LINE
---	D	EXISTING DRAINAGE/STORM SEWER LINE
- - - X - - -		EXISTING FENCE
⊙		EXISTING SANITARY SEWER MANHOLE
---		EXISTING EDGE OF PAVEMENT
---		EXISTING FACE OF CURB
---		EXISTING BACK OF CURB
---	194	EXISTING 1' CONTOUR
---	195	EXISTING 5' CONTOUR
---	194	PROPOSED 1' CONTOUR
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---	8" W	8" WATER LINE
---	6" W	6" WATER LINE
---	W	WATER SERVICE
⊙		EXISTING FIRE HYDRANT
⊙		FIRE HYDRANT
---	8" SS	SANITARY SEWER LINE
---	S	SANITARY SEWER SERVICE
⊙		PROPOSED SANITARY SEWER MANHOLE
---		DRAINAGE/STORM SEWER LINE
---	SF	SILT FENCE
---		PROPOSED GUARDRAIL
⊙		INLET PROTECTION

REVISIONS:

△	3/4/19	ADDENDUM 1
△		
△		
△		

PROJECT #: 25356.00  
 DATE: 2-6-19  
 DRAWN BY: SB  
 DESIGNER: SDM  
 CHECKED BY: SDM

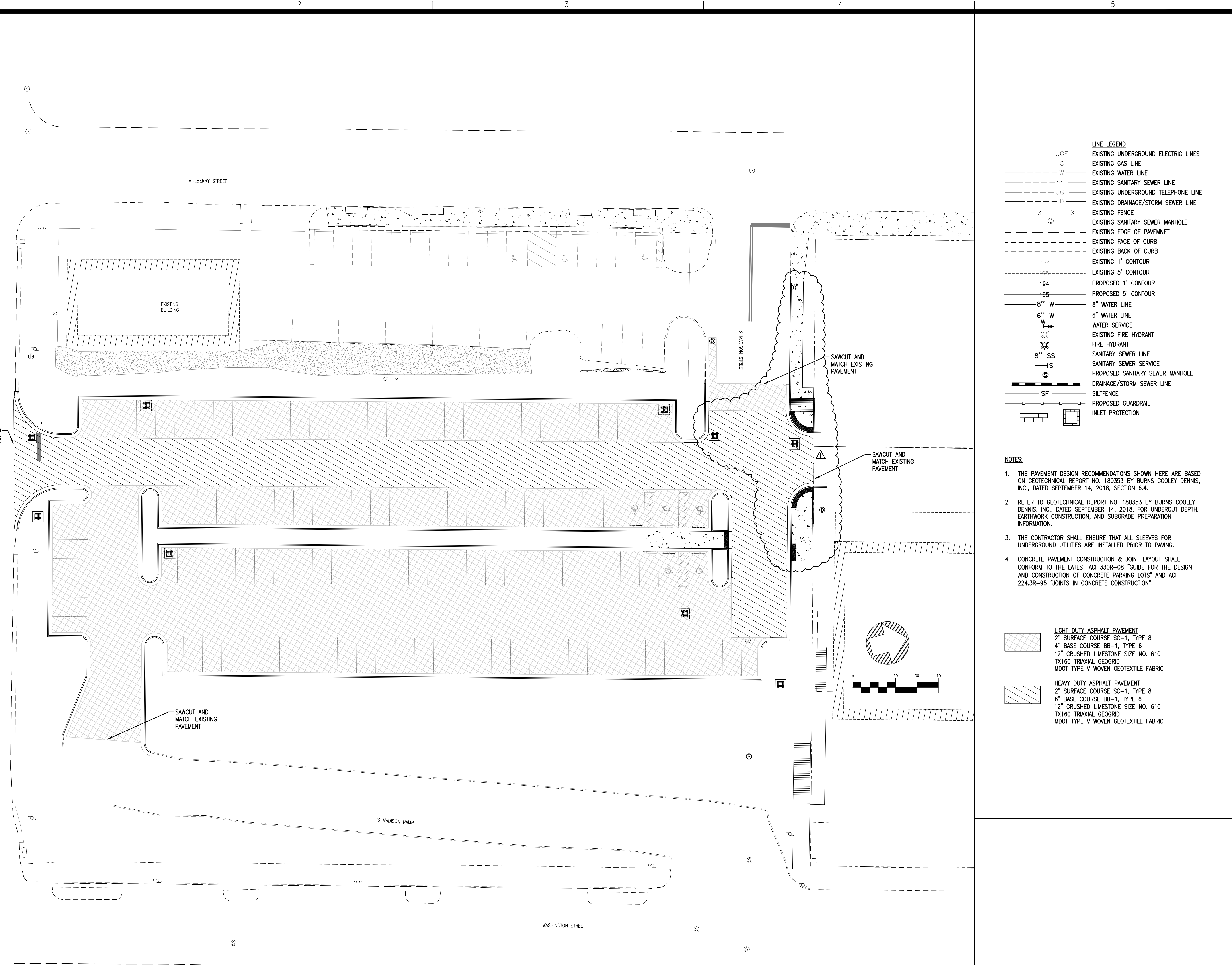
**Pickering**  
 Pickering Firm, Inc.  
 Facility Design • Civil Engineering • Surveying •  
 Transportation • Natural & Cultural Resources  
 200 Flamingo, Suite 201  
 Flowood, MS 39232  
 601.966.3663

**Parking Lot Improvements  
 South of Proposed MCITT MS #50845  
 (Old MS Hardware Building)  
 Vicksburg, Mississippi**

SEAL:  
  
 SHELY D. MURPHREE  
 ENGINEER  
 PE-15155  
 2-6-19  
 STATE OF MISSISSIPPI

SHEET NUMBER:  
**C5.1**

DESCRIPTION:  
 Erosion Control Plan -  
 Add. Alternate



**LINE LEGEND**

---	UG	EXISTING UNDERGROUND ELECTRIC LINES
---	G	EXISTING GAS LINE
---	W	EXISTING WATER LINE
---	SS	EXISTING SANITARY SEWER LINE
---	UGT	EXISTING UNDERGROUND TELEPHONE LINE
---	D	EXISTING DRAINAGE/STORM SEWER LINE
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---	194	PROPOSED 1' CONTOUR
---	195	PROPOSED 5' CONTOUR
---	8" W	8" WATER LINE
---	6" W	6" WATER LINE
---	W	WATER SERVICE
---	⊙	EXISTING FIRE HYDRANT
---	⊙	FIRE HYDRANT
---	8" SS	SANITARY SEWER LINE
---	S	SANITARY SEWER SERVICE
⊙		PROPOSED SANITARY SEWER MANHOLE
---		DRAINAGE/STORM SEWER LINE
---	SF	SILTFENCE
---		PROPOSED GUARDRAIL
---		INLET PROTECTION

- NOTES:**
1. THE PAVEMENT DESIGN RECOMMENDATIONS SHOWN HERE ARE BASED ON GEOTECHNICAL REPORT NO. 180353 BY BURNS COOLEY DENNIS, INC., DATED SEPTEMBER 14, 2018, SECTION 6.4.
  2. REFER TO GEOTECHNICAL REPORT NO. 180353 BY BURNS COOLEY DENNIS, INC., DATED SEPTEMBER 14, 2018, FOR UNDERCUT DEPTH, EARTHWORK CONSTRUCTION, AND SUBGRADE PREPARATION INFORMATION.
  3. THE CONTRACTOR SHALL ENSURE THAT ALL SLEEVES FOR UNDERGROUND UTILITIES ARE INSTALLED PRIOR TO PAVING.
  4. CONCRETE PAVEMENT CONSTRUCTION & JOINT LAYOUT SHALL CONFORM TO THE LATEST ACI 330R-08 "GUIDE FOR THE DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS" AND ACI 224.3R-95 "JOINTS IN CONCRETE CONSTRUCTION".

	<b>LIGHT DUTY ASPHALT PAVEMENT</b> 2" SURFACE COURSE SC-1, TYPE 8 4" BASE COURSE BB-1, TYPE 6 12" CRUSHED LIMESTONE SIZE NO. 610 TX160 TRIAXIAL GEOGRID MDOT TYPE V WOVEN GEOTEXTILE FABRIC
	<b>HEAVY DUTY ASPHALT PAVEMENT</b> 2" SURFACE COURSE SC-1, TYPE 8 6" BASE COURSE BB-1, TYPE 6 12" CRUSHED LIMESTONE SIZE NO. 610 TX160 TRIAXIAL GEOGRID MDOT TYPE V WOVEN GEOTEXTILE FABRIC

REVISIONS:

1	3/4/19	ADDENDUM 1

PROJECT #:	25356.00
DATE:	2-6-19
DRAWN BY:	SB
DESIGNER:	SDM
CHECKED BY:	SDM

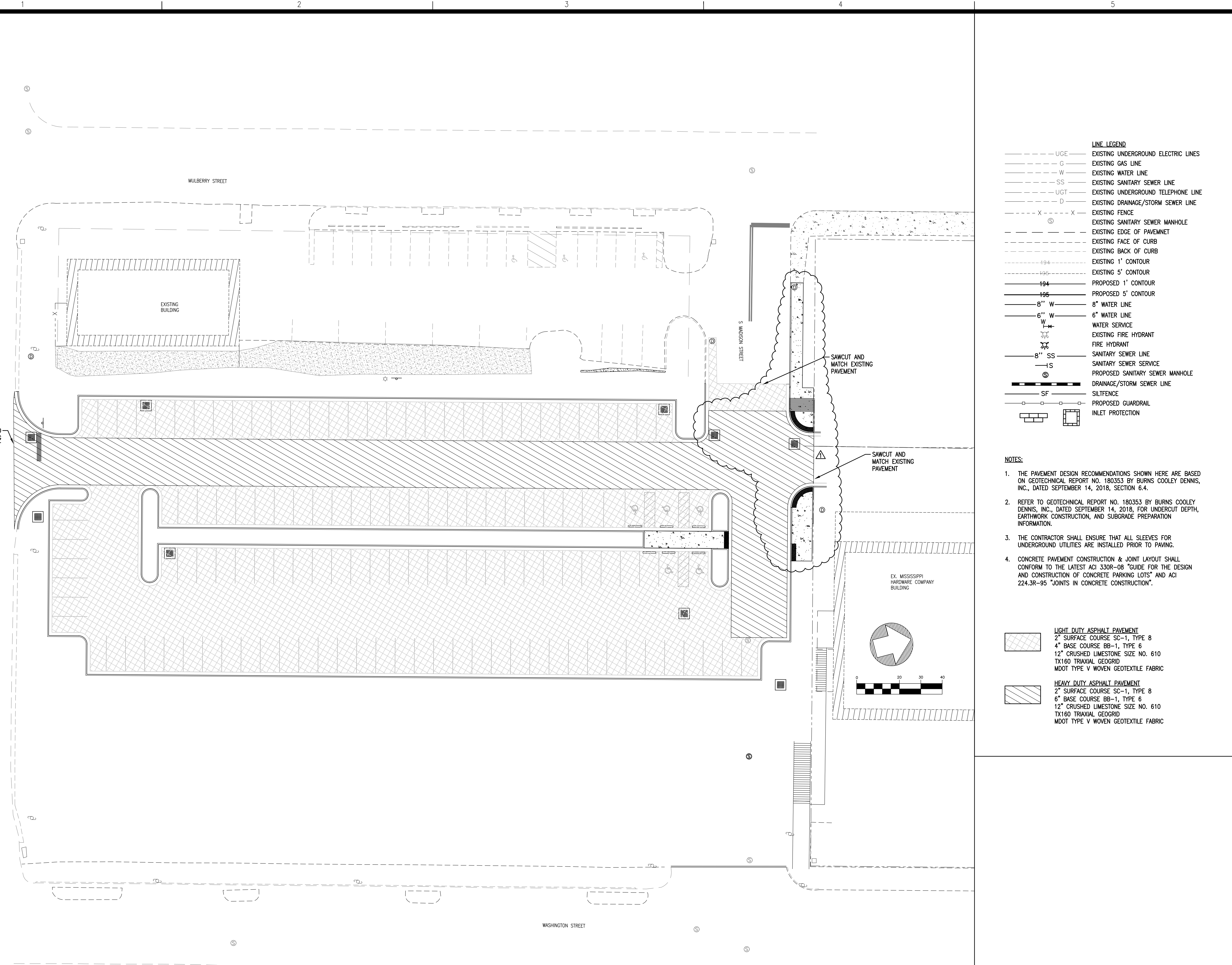
**Pickering**  
Pickering Firm, Inc.  
Facility Design - Civil Engineering - Surveying -  
Transportation - Natural Resource Resources  
200 Flamingo Road, Suite 201  
Flowood, MS 39232  
601.966.3663

**Parking Lot Improvements  
South of Proposed MCITT MS #50845  
(Old MS Hardware Building)  
Vicksburg, Mississippi**

SEAL:  
  
 SHELY D. MURA  
 ENGINEER  
 PE-15155  
 2-6-19  
 STATE OF MISSISSIPPI

SHEET NUMBER:  
**C6.0**

DESCRIPTION:  
Paving Plan



**LINE LEGEND**

---	UGE	EXISTING UNDERGROUND ELECTRIC LINES		
---	G	EXISTING GAS LINE		
---	W	EXISTING WATER LINE		
---	SS	EXISTING SANITARY SEWER LINE		
---	UGT	EXISTING UNDERGROUND TELEPHONE LINE		
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---	---	W	WATER SERVICE	
---	---	---	EXISTING FIRE HYDRANT	
---	---	---	FIRE HYDRANT	
---	---	---	8" SS	SANITARY SEWER LINE
---	---	---	S	SANITARY SEWER SERVICE
---	---	---	⊙	PROPOSED SANITARY SEWER MANHOLE
---	---	---	---	DRAINAGE/STORM SEWER LINE
---	---	---	SF	SILTFENCE
---	---	---	---	PROPOSED GUARDRAIL
---	---	---	---	INLET PROTECTION

- NOTES:**
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	<b>HEAVY DUTY ASPHALT PAVEMENT</b> 2" SURFACE COURSE SC-1, TYPE 8 6" BASE COURSE BB-1, TYPE 6 12" CRUSHED LIMESTONE SIZE NO. 610 TX160 TRIAXIAL GEOGRID MDOT TYPE V WOVEN GEOTEXTILE FABRIC

REVISIONS:

1	3/4/19	ADDENDUM 1

PROJECT #: 25356.00

DATE: 2-6-19

DRAWN BY: SB

DESIGNER: SDM

CHECKED BY: SDM

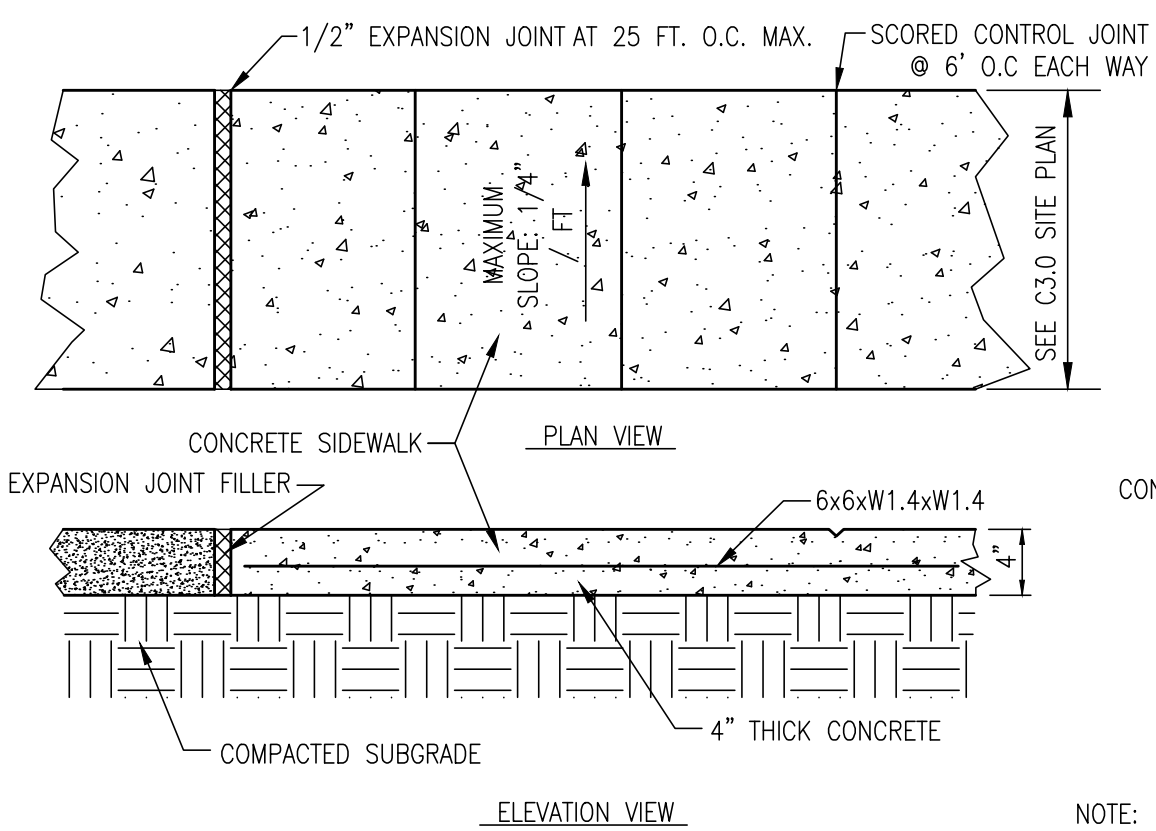
**Pickering**  
Pickering Firm, Inc.  
Facility Design • Civil Engineering • Surveying •  
Transportation • Natural Resource Resources  
200 Flinnwood, MS 39232  
Flomont, MS 39232  
601.966.3663

**Parking Lot Improvements  
South of Proposed MCITT MS #50845  
(Old MS Hardware Building)  
Vicksburg, Mississippi**

SEAL:

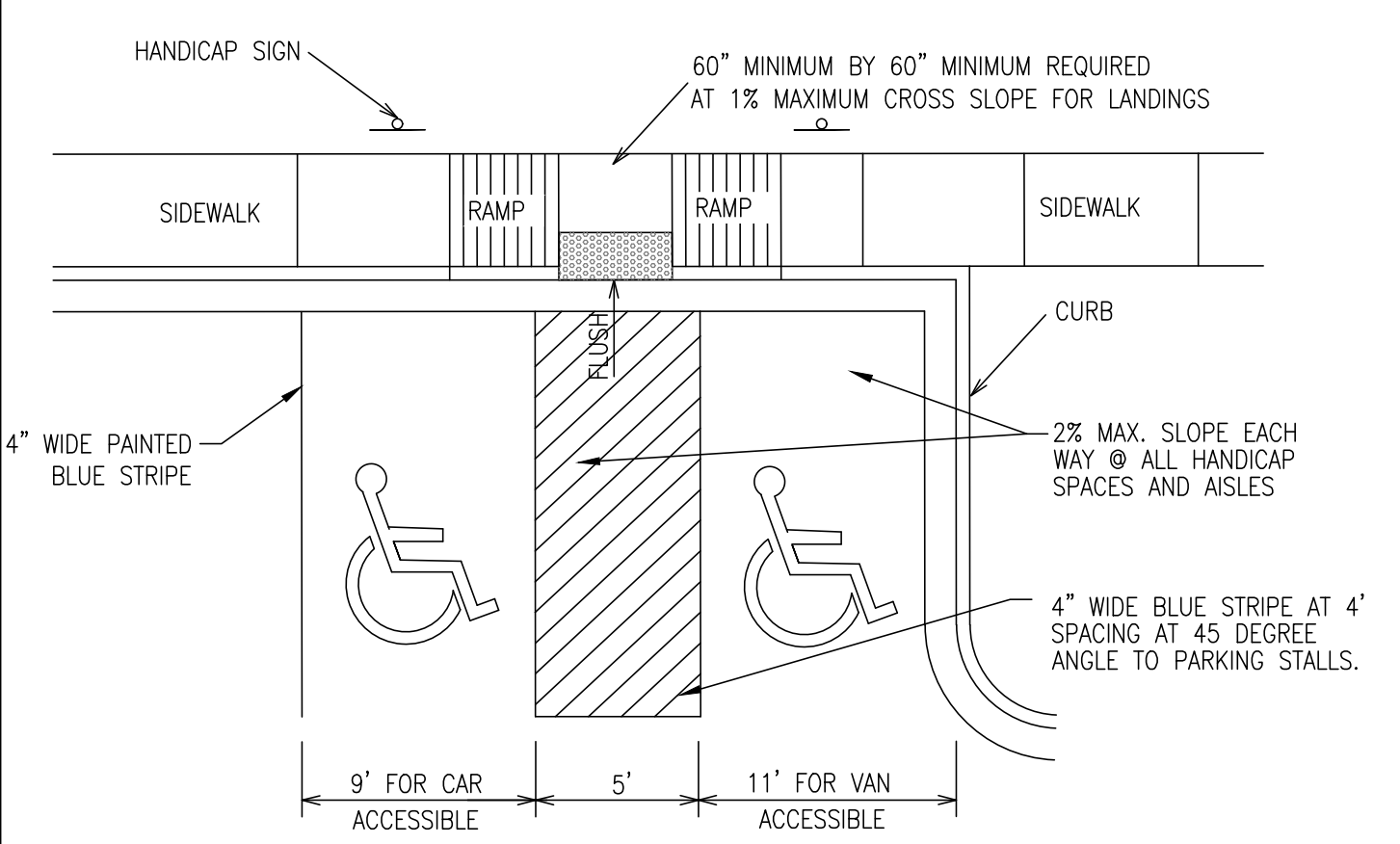
SHEET NUMBER:  
**C6.1**

DESCRIPTION:  
Paving Plan -  
Add. Alternate

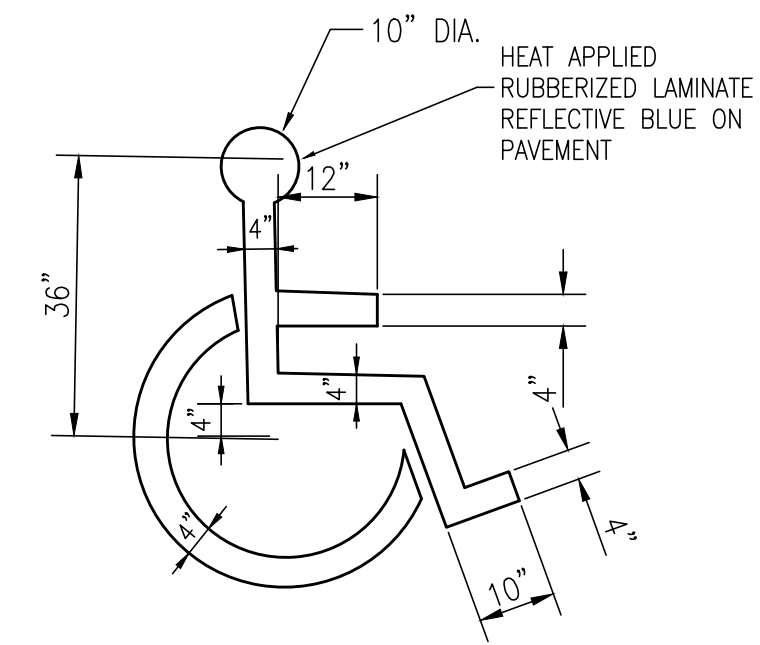
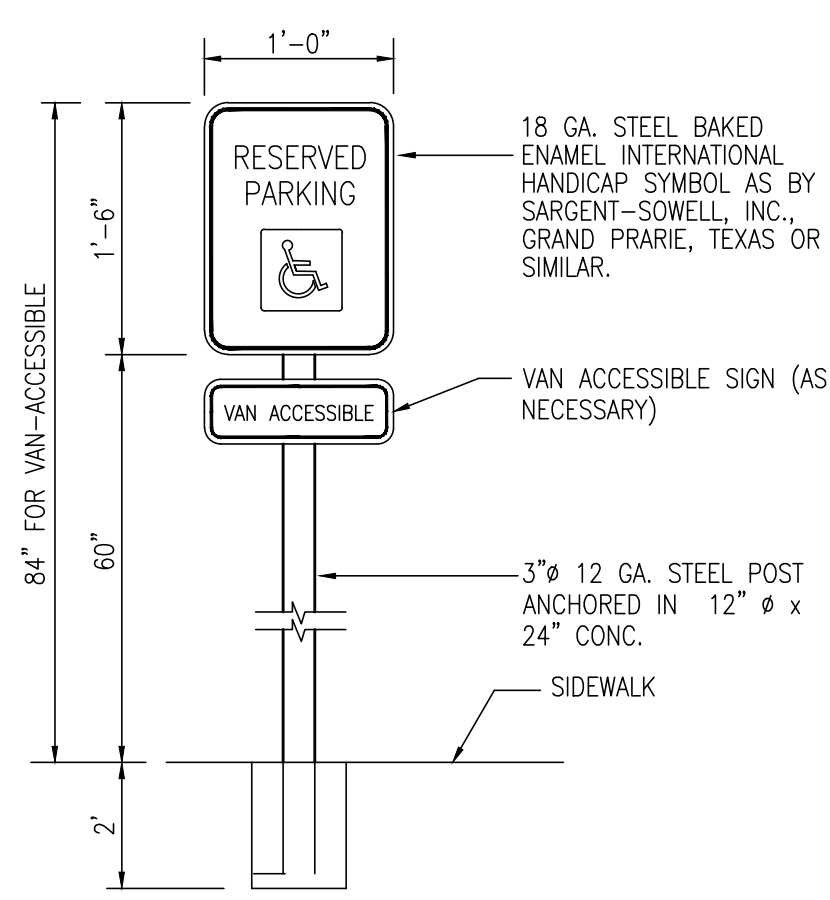


**1 CONCRETE SIDEWALK**  
SCALE: NOT TO SCALE

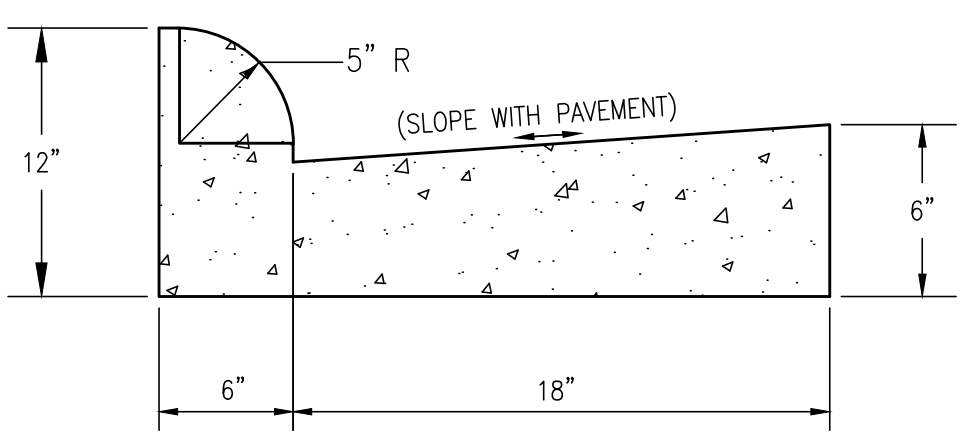
NOTE: CONCRETE SHALL BE 4,000 PSI



**2 HANDICAP PARKING DETAILS**  
SCALE: NOT TO SCALE

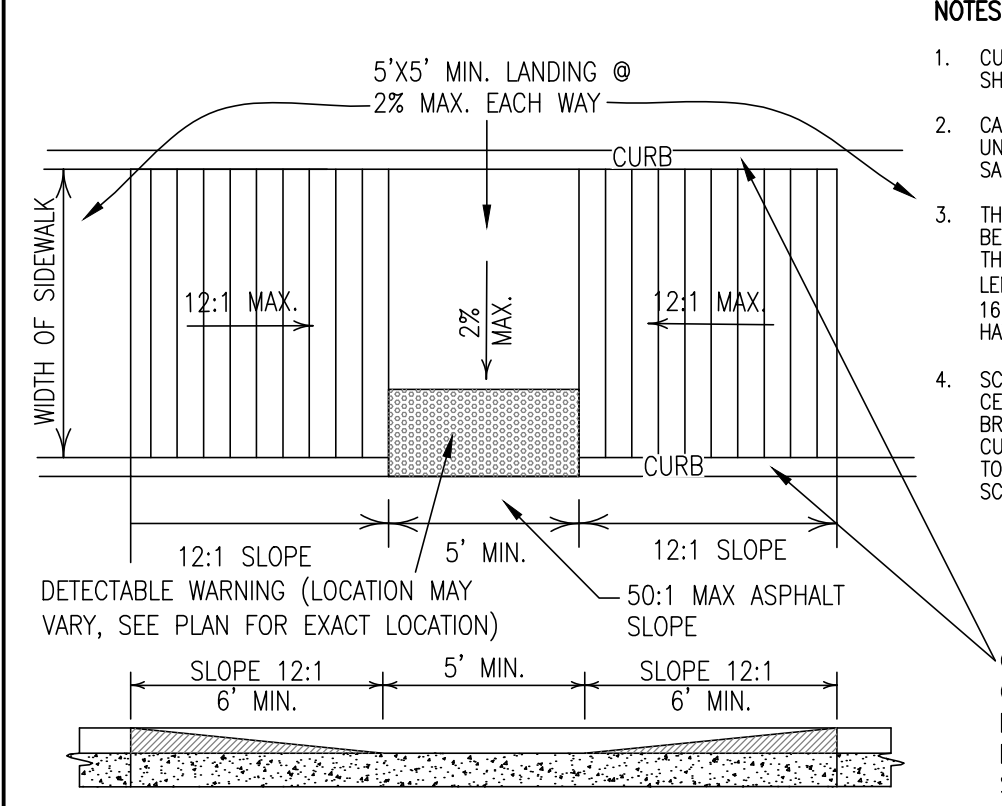


NOTE: THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL COMPLY WITH ADA FIGURE 703.7.2.1.



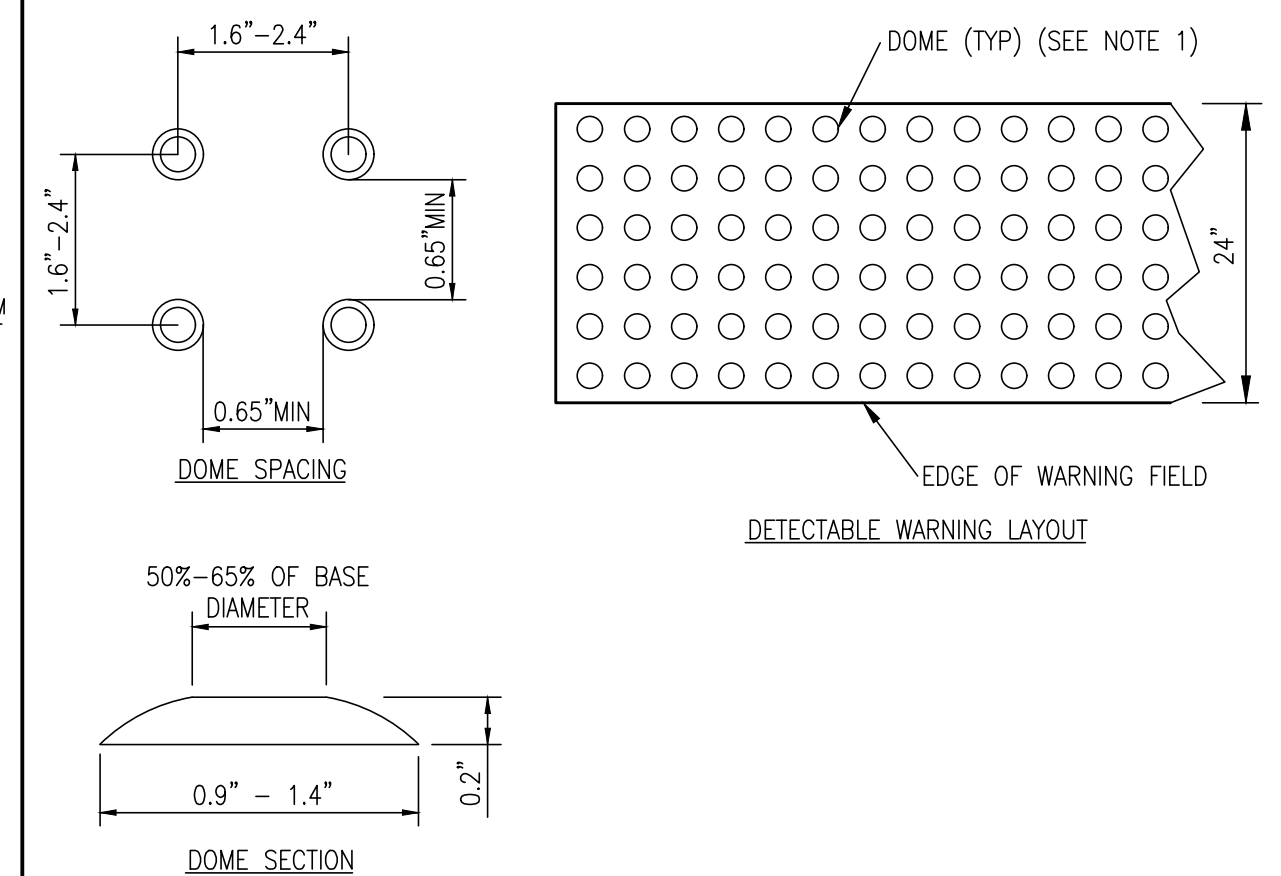
**3 TYPE "3B" COMBINATION CURB & GUTTER**  
SCALE: NOT TO SCALE

NOTE: CONCRETE SHALL BE 4,000 PSI



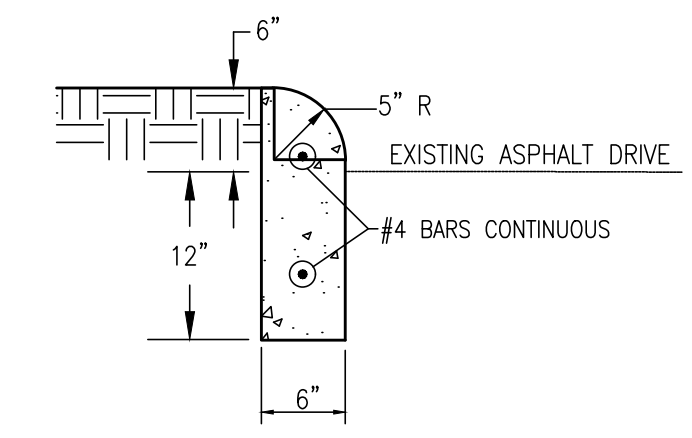
**4 HANDICAP RAMP**  
SCALE: NOT TO SCALE

- NOTES:**
- CURB RAMP ARE TO BE LOCATED AS SHOWN ON THE PLANS.
  - CARE SHALL BE TAKEN TO ASSURE A UNIFORM GRADE ON THE RAMP, FREE OF SAGS AND SHORT GRADE CHANGES.
  - THE LENGTH OF THE SIDE FLARES SHALL BE DETERMINED BY THE 12:1 SLOPE AND THE HEIGHT OF THE CURB WITH A MINIMUM LENGTH OF 6' AND A MAXIMUM LENGTH OF 16'. SIDEWALK BEHIND THE RAMP SHALL HAVE A CROSS SLOPE OF 50:1 MAX.
  - SCORED LINES SHALL BE SPACED AT 6" CENTERS PARALLEL TO THE RAMP AND BROOMED TRANSVERSE TO THE SLOPE. CURB LINES SHALL BE SCORED PARALLEL TO THE FACE OF CURB WITH NO WAVY SCORE MARKS.
- CURB ON BACK SIDE MAY OR MAY NOT BE NECESSARY & LOCATION MAY VARY WITH RAMPS, SEE PLAN FOR EXACT LOCATION)



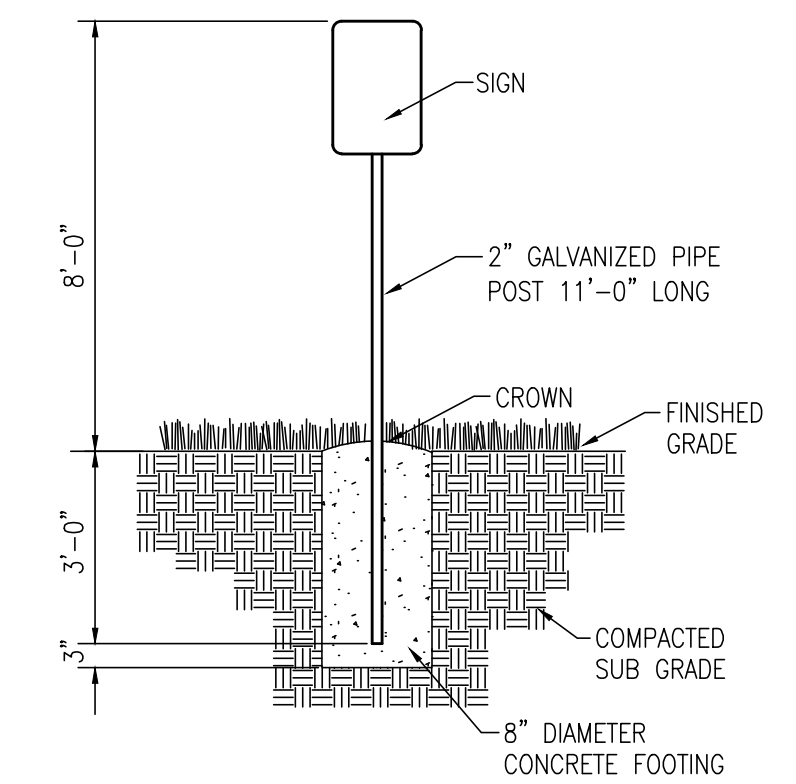
**5 DETECTABLE WARNING**  
SCALE: NOT TO SCALE

- NOTES:**
- THE DETAILS PROVIDED ARE NOT DRAWN TO SCALE. THE QUANTITY OF DOMES DEPICTED ON THE DETECTABLE WARNING UNIT (THE DOMES AND THE ENTIRE 2' LEVEL SURFACE) IS FOR ILLUSTRATION ONLY.
  - DETECTABLE WARNING SURFACES SHALL EXTEND 2' MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL. AT CURB RAMPS AND BLENDED TRANSITIONS, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARED SIDES), BLENDED TRANSITION, OR TURNING SPACE. AT PEDESTRIAN AT-GRADE RAIL CROSSINGS NOT LOCATED WITHIN A STREET OR HIGHWAY, DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE CROSSING. AT BOARDING PLATFORMS FOR BUSES AND RAIL VEHICLES, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL LENGTH OF THE PUBLIC USE AREAS OF THE PLATFORM. AT BOARDING AND ALIGHTING AREAS AT SIDEWALK OR STREET LEVEL TRANSIT STOPS FOR RAIL VEHICLES, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL LENGTH OF THE TRANSIT STOP.
  - DOMES ALIGNMENT: THE ROWS OF DOMES SHALL BE ALIGNED TO BE PERPENDICULAR OR RADIAL TO THE GRADE BREAK AT THE RAMP LANDING OR BETWEEN THE CURB RAMP AND THE STREET.
  - WHERE DOMES ARE ARRANGED RADially THEY MAY DIFFER IN DOME DIAMETER AND CENTER-TO-CENTER SPACING WITHIN THE RANGES SPECIFIED ON THIS SHEET.
  - COLOR REQUIREMENTS: DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT CUTTER, STREET OR HIGHWAY, OR PEDESTRIAN ACCESS ROUTE SURFACE, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.

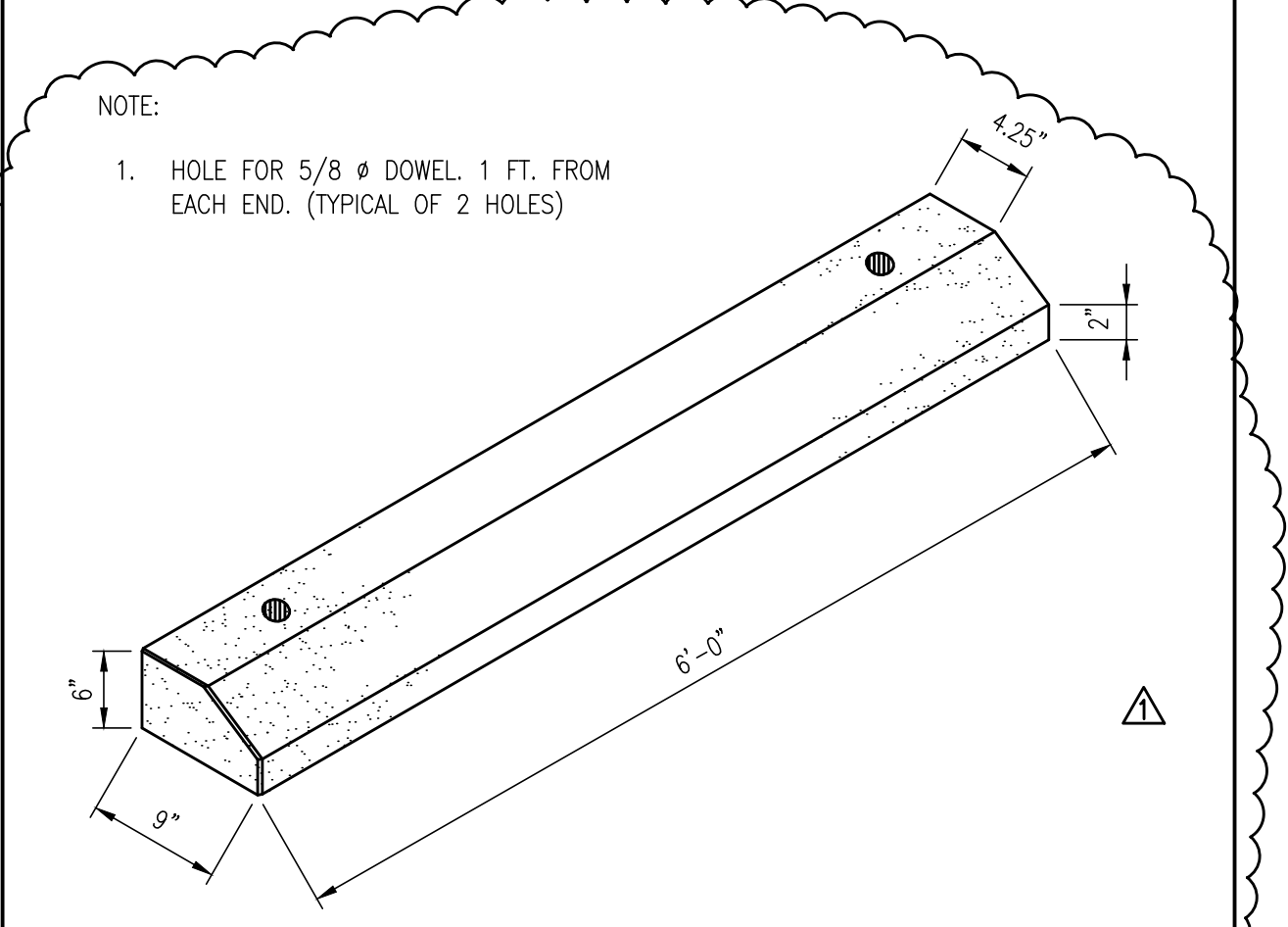


**6 HEADER CURB**  
SCALE: NOT TO SCALE

- NOTES:**
- ALL CURBS, GUTTERS & DRIVEWAYS TO BE CONSTRUCTED OF 3000 LB. CONCRETE.
  - 2-1" SLICK DOWEL BARS, 18" LONG REQ'D. AT EXPANSION JOINTS. THEY SHALL BE HELD IN PLACE BY APPROVED CHAIRS OR SUPPORTS AND 1/2" EXPANSION MATERIALS.
  - EXPANSION JOINTS 60' O.C. CONSTRUCTION JOINTS 10' O.C. EXPANSION JOINTS AT INSIDER CORNERS WITHIN 2' OF INTERSECTION (BOTH DIRECTIONS)



**7 TYPICAL SIGN INSTALLATION**  
SCALE: N.T.S.



**8 WHEEL STOP DETAIL**  
SCALE: NOT TO SCALE

- NOTE:**
- HOLE FOR 5/8" DOWEL, 1 FT. FROM EACH END, (TYPICAL OF 2 HOLES)

REVISIONS:		
1	3/4/19	ADDENDUM 1

PROJECT #:	25356.00
DATE:	2-6-19
DRAWN BY:	SB
DESIGNER:	SDM
CHECKED BY:	SDM

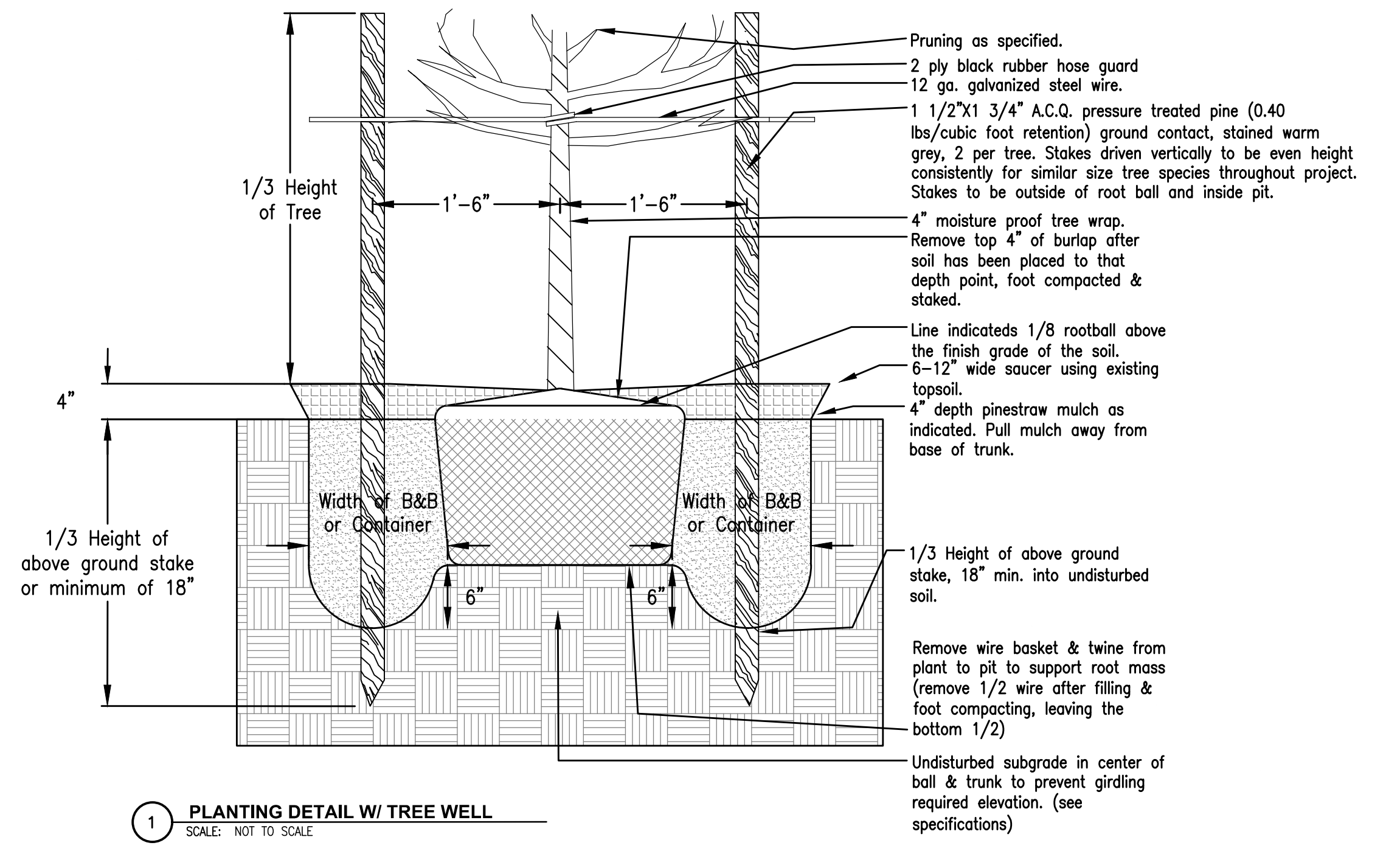
**Pickering**  
Pickering Firm, Inc.  
Facility Design - Civil Engineering - Surveying -  
Transportation - Natural Resource Resources  
2000 Highway 101  
Flowood, MS 39232  
601.966.3663

Parking Lot Improvements  
South of Proposed MCITT MS #50845  
(Old MS Hardware Building)  
Vicksburg, Mississippi

SEAL:  
MICHAEL D. MURPHY  
REGISTERED PROFESSIONAL ENGINEER  
ENGINEER  
PE-15155  
2-6-19  
STATE OF MISSISSIPPI

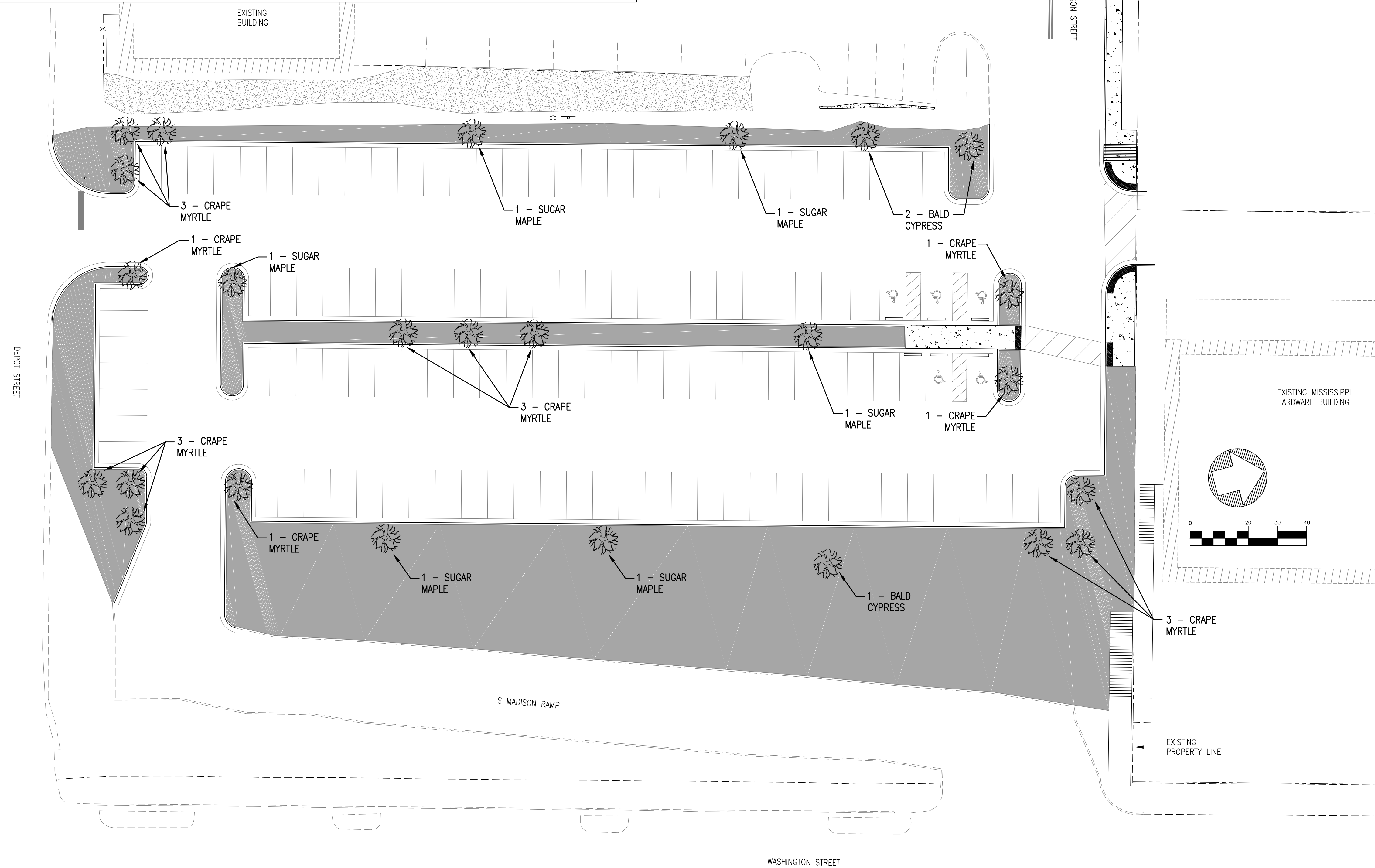
SHEET NUMBER:  
**C7.2**

DESCRIPTION:  
Construction Details -  
General Site



**LINE LEGEND**

---	UGE	EXISTING UNDERGROUND ELECTRIC LINES	
---	G	EXISTING GAS LINE	
---	W	EXISTING WATER LINE	
---	SS	EXISTING SANITARY SEWER LINE	
---	UGT	EXISTING UNDERGROUND TELEPHONE LINE	
---	D	EXISTING DRAINAGE/STORM SEWER LINE	
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---	---	PROPOSED 1' CONTOUR	
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---	---	---	PROPOSED SANITARY SEWER MANHOLE
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---	---	---	INLET PROTECTION

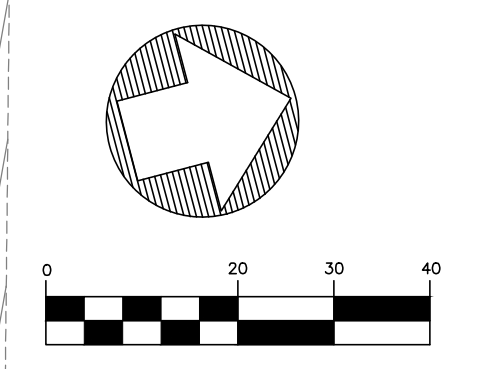


**LEGEND**

SEEDED GRASS/STAKE SOLID SOD

**NOTES:**

1. STAKE SOLID SOD REQUIRED ON ALL SLOPES 3:1 OR GREATER.
2. INSTALLED TREES SHALL BE 2" CALIPER, 8'-10' TALL TREES WITH PINE BARK MULCH.
3. A 42" DIAMETER X 4" THICK PINESTRAW MULCH RING SHALL BE PROVIDED AROUND ALL TREE PLANTINGS. ALL PLANTING AREAS SHALL RECEIVE A 4" THICK LAYER OF FRESH PINESTRAW MULCH. ALL MULCH SHALL BE FRESH, FREE OF TRASH, STICKS AND DEBRIS.



REVISIONS:

1	3/4/19	ADDENDUM 1

PROJECT #: 25356.00  
 DATE: 2-6-19  
 DRAWN BY: SB  
 DESIGNER: SDM  
 CHECKED BY: SDM

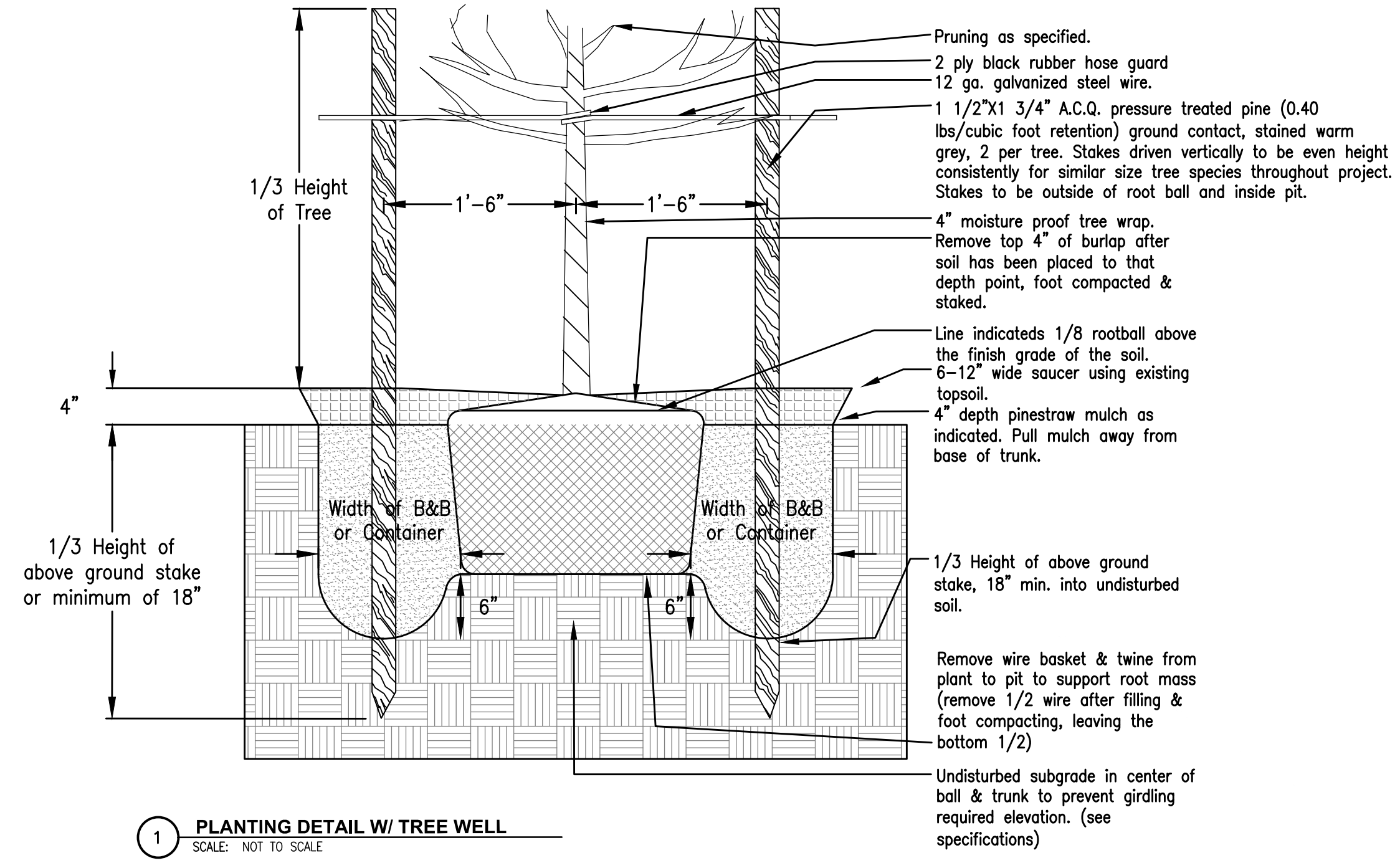
**Pickering**  
 Pickering Firm, Inc.  
 Facility Design • Civil Engineering • Surveying •  
 Transportation • Natural Resource Resources  
 2000 Highway 201  
 Flowood, MS 39232  
 601.966.3663

**Parking Lot Improvements**  
 South of Proposed MCITT MS #50845  
 (Old MS Hardware Building)  
 Vicksburg, Mississippi

SEAL:

SHEET NUMBER:  
**L1.0**

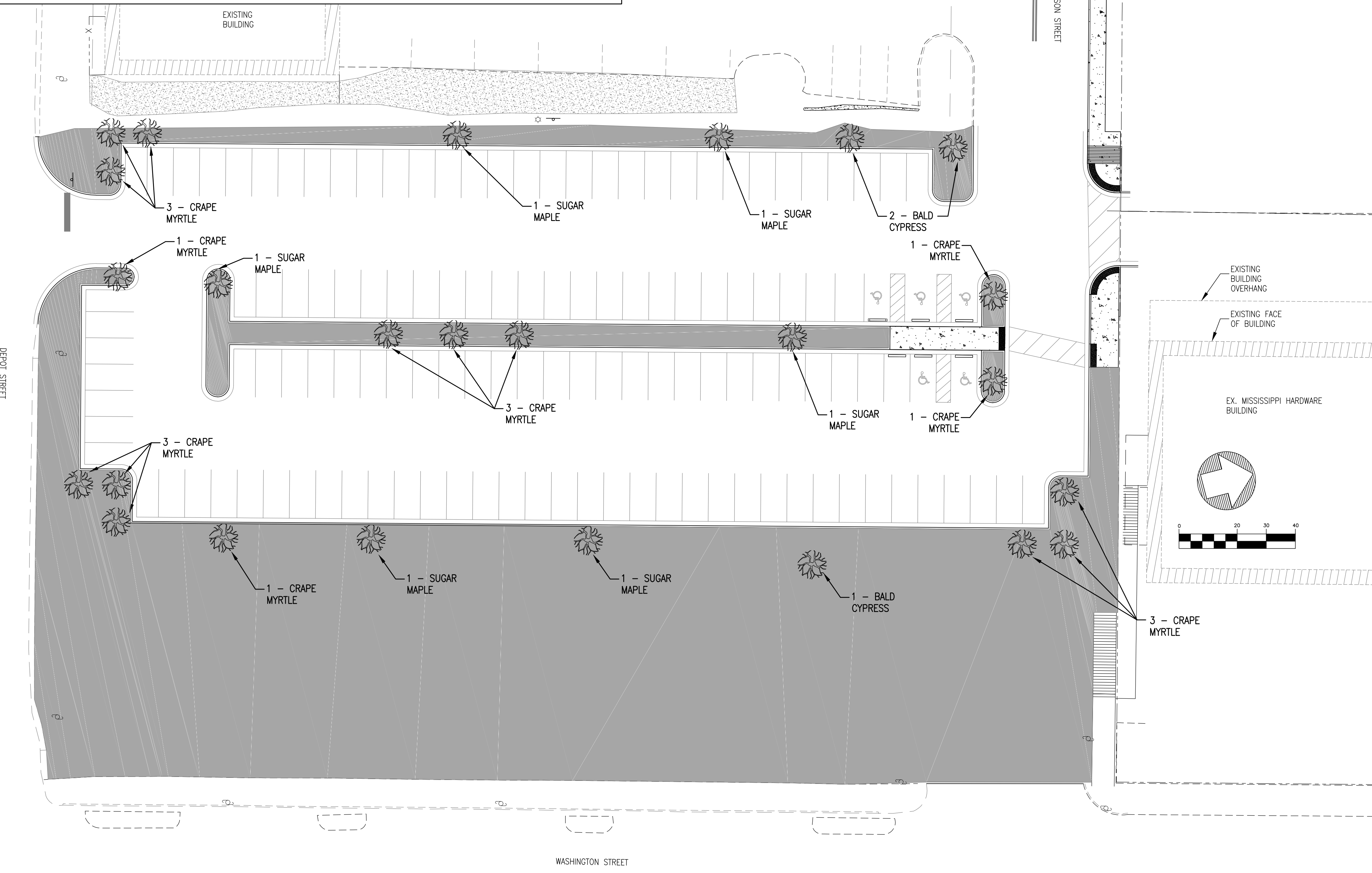
DESCRIPTION:  
 Landscape Plan



1 PLANTING DETAIL W/ TREE WELL  
 SCALE: NOT TO SCALE

**LINE LEGEND**

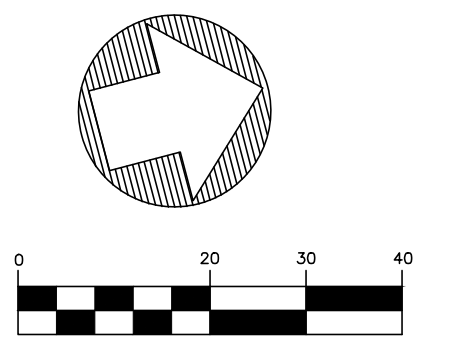
---	UGE	EXISTING UNDERGROUND ELECTRIC LINES	
---	G	EXISTING GAS LINE	
---	W	EXISTING WATER LINE	
---	SS	EXISTING SANITARY SEWER LINE	
---	UGT	EXISTING UNDERGROUND TELEPHONE LINE	
---	D	EXISTING DRAINAGE/STORM SEWER LINE	
---	X	EXISTING FENCE	
⊙	⊙	EXISTING SANITARY SEWER MANHOLE	
---	---	EXISTING EDGE OF PAVEMENT	
---	---	EXISTING FACE OF CURB	
---	---	EXISTING BACK OF CURB	
---	---	EXISTING 1' CONTOUR	
---	---	EXISTING 5' CONTOUR	
---	---	PROPOSED 1' CONTOUR	
---	---	PROPOSED 5' CONTOUR	
---	---	8" W	8" WATER LINE
---	---	6" W	6" WATER LINE
---	---	W	WATER SERVICE
---	---	---	EXISTING FIRE HYDRANT
---	---	---	FIRE HYDRANT
---	---	---	SANITARY SEWER LINE
---	---	---	SANITARY SEWER SERVICE
---	---	---	PROPOSED SANITARY SEWER MANHOLE
---	---	---	DRAINAGE/STORM SEWER LINE
---	---	---	SILT FENCE
---	---	---	PROPOSED GUARDRAIL
---	---	---	INLET PROTECTION



**LEGEND**  
 SEEDED GRASS/STAKE SOLID SOD

**NOTES:**

- STAKE SOLID SOD REQUIRED ON ALL SLOPES 3:1 OR GREATER.
- INSTALLED TREES SHALL BE 2" CALIPER, 8'-10' TALL TREES WITH PINE BARK MULCH.
- A 42" DIAMETER X 4" THICK PINESTRAW MULCH RING SHALL BE PROVIDED AROUND ALL TREE PLANTINGS. ALL PLANTING AREAS SHALL RECEIVE A 4" THICK LAYER OF FRESH PINESTRAW MULCH. ALL MULCH SHALL BE FRESH, FREE OF TRASH, STICKS AND DEBRIS.



REVISIONS:

1	3/4/19	ADDENDUM 1

PROJECT #: 25356.00  
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**Parking Lot Improvements**  
 South of Proposed MCITT MS #50845  
 (Old MS Hardware Building)  
 Vicksburg, Mississippi

SEAL:  
  
 ENGINEER  
 PE-15155  
 2-6-19  
 STATE OF MISSISSIPPI

SHEET NUMBER:  
**L1.1**

DESCRIPTION:  
 Landscape Plan -  
 Add. Alternate

**Parking Lot Improvements south of Proposed (MCITT) (Old MS Hardware Building at 1622 Washington Street) Vicksburg, MS MS#50845**

**Section 3.7 Bid Form To be completed by Contractor**

<u>Item No.</u>	<u>Description of Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Amount</u>
<b>Base Bid:</b>					
1	Mobilization	LS	100%	\$	\$
2	Maintenance of Traffic	LS	100%	\$	\$
3	Removal of Existing Curb and Gutter	LF	1108	\$	\$
4	Removal of Existing Sidewalk	SY	126	\$	\$
5	Removal of Existing Bollards	EA	12	\$	\$
6	Removal of Existing Rails & Related Items	LS	1	\$	\$
7	Removal of Existing Storm Pipe (All Sizes)	LF	740	\$	\$
8	Removal of Existing Storm Inlets	EA	10	\$	\$
9	Removal of Existing Sanitary Sewer Manhole	EA	1	\$	\$
10	8" Topsoil Removal	SY	2100	\$	\$

**Parking Lot Improvements south of Proposed (MCITT) (Old MS Hardware Building at 1622 Washington Street) Vicksburg, MS MS#50845**

**Section 3.7 Bid Form To be completed by Contractor**

11	Removal of Existing Concrete, Asphalt, and Brick Paving	SY	4400		
12	Drainage Manholes	EA	4	\$	\$
13	SS-3 Inlets (Includes ADA Frame & Grate Inlet Top)	EA	9	\$	\$
14	Borrow Material (Final Measure Embankment)	CY	2800	\$	\$
15	Unclassified Excavation (Final Measure Embankment)	CY	3000	\$	\$
16	Excess Excavation and Stripping Excavation	CY	200	\$	\$
17	Surface Course Asphalt, SC-1, Type 8	tons	530	\$	\$
18	Base Course Asphalt, BB-1, Type 6	tons	1200	\$	\$
19	12" Crushed Limestone Size No. 610	SY	4510	\$	\$
20	MDOT Type V Woven Geotextile Fabric	SY	4510	\$	\$
21	TX 160 Triaxial Grid	SY	4510	\$	\$
22	Wheel Stops	EA	5	\$	\$
23	Combination Curb & Gutter (All Types)	LF	1804	\$	\$

**Parking Lot Improvements south of Proposed (MCITT) (Old MS Hardware Building at 1622 Washington Street) Vicksburg, MS MS#50845**

**Section 3.7 Bid Form To be completed by Contractor**

24	Concrete Sidewalks	SY	130	\$	\$
25	Sanitary Sewer Manhole	EA	1	\$	\$
26	4" PVC Sanitary Sewer Service	LF	33	\$	\$
27	15" Reinforced Concrete Pipe, Class III	LF	106	\$	\$
28	18" Reinforced Concrete Pipe, Class III	LF	236	\$	\$
29	29"X18" Arch Reinforced Concrete Pipe, Class III	LF	203	\$	\$
30	Handicap Symbols for each Handicap Parking Space	EA	5	\$	\$
31	Thermoplastic Legend (White)(120 mils) 24" STOP BAR	LF	13	\$	\$
32	Parking Lot Striping (4" width) (White Color)	LF	1900	\$	\$
33	Handicap Striping (4" width) (Blue Color)	LF	475	\$	\$
34	Temporary Erosion Checks (20" Wattles)	EA	13	\$	\$
35	Temporary Silt Fence	LF	770	\$	\$
36	Temporary Grassing	AC	1	\$	\$

**Parking Lot Improvements south of Proposed (MCITT) (Old MS Hardware Building at 1622 Washington Street) Vicksburg, MS MS#50845**

**Section 3.7 Bid Form To be completed by Contractor**

37	Crape Myrtle Tree	EA	16	\$	\$
38	Sugar Maple Tree	EA	6	\$	\$
39	Bald Cypress Tree	EA	3	\$	\$
40	Handicap Signs for each Handicap Parking Space (Including Post)	EA	5	\$	\$
41	R1-1 Stop Sign (Including Post)	EA	1	\$	\$
42	Parking Lot Light Poles, Light Pole Bases, and all other electrical related items shown on E(Electrical) Sheets	LS	1	\$	\$
<b>Total Base Bid</b>				\$	\$

**Add Alternate 1 (Removal of South Madison Ramp):**

1	Removal of Existing Concrete, Asphalt, and Brick Paving	SY	1200	\$	\$
2	Removal of Existing Curb & Gutter	LF	665	\$	\$
3	8" Topsoil Removal	SY	80	\$	\$
4	Borrow Material (Final Measure Embankment)	CY	2400		
5	Unclassified Excavation (Final Measure Embankment)	CY	500	\$	\$

**Parking Lot Improvements south of Proposed (MCITT) (Old MS Hardware Building at 1622 Washington Street) Vicksburg, MS MS#50845**

**Section 3.7 Bid Form To be completed by Contractor**

6	Excess Excavation and Stripping Excavation	CY	100	\$	\$
7	6" Header curb	LF	54		
8	Parking Lot Striping (4" width) (White Color)	LF	132	\$	\$
9	Temporary Grassing	AC	0.5	\$	\$
<b>Add Alternate 1 (Removal of South Madison Ramp):</b>				\$	\$
<b>Total Base Bid Plus Add Alternate 1:</b>				\$	\$