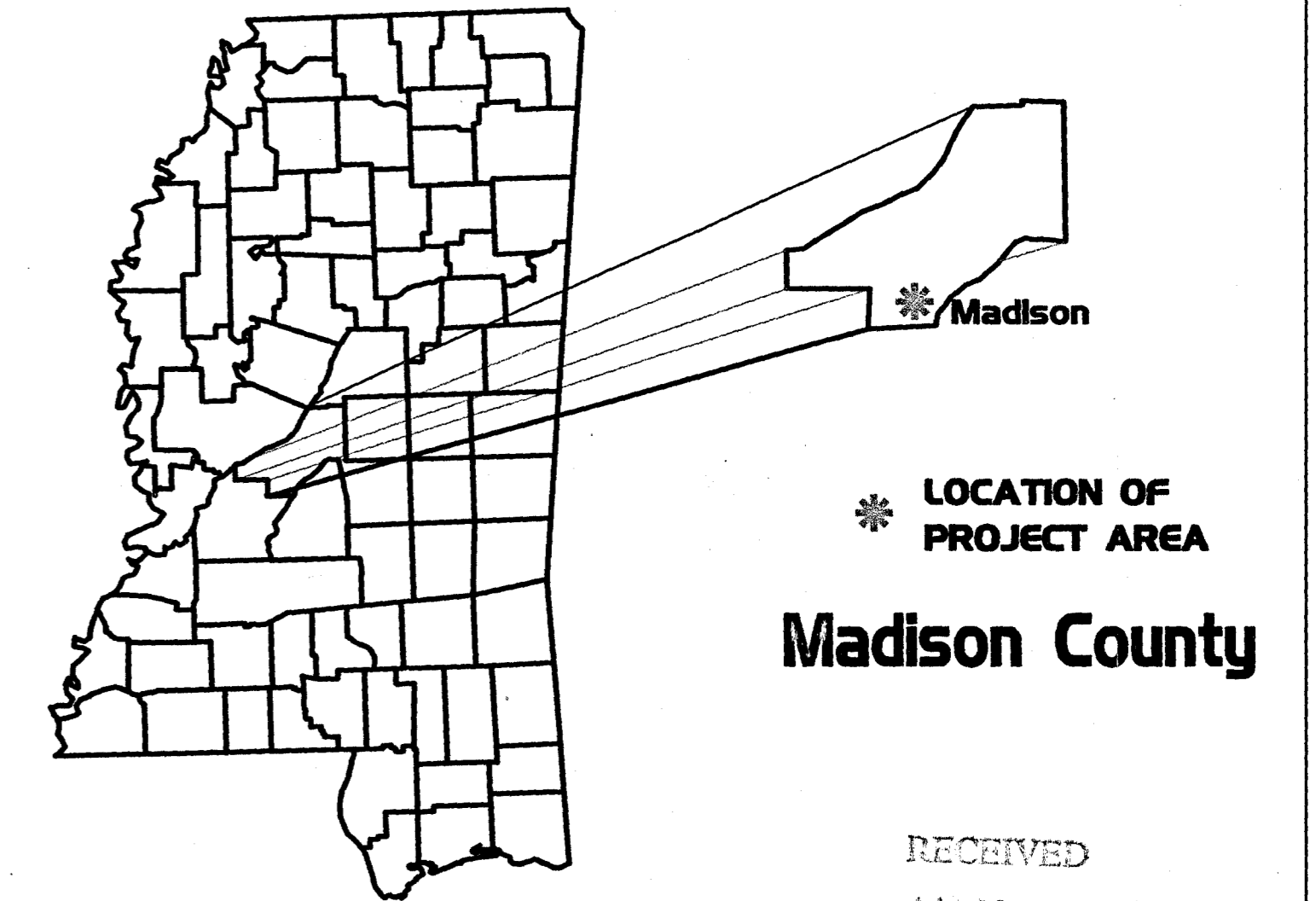


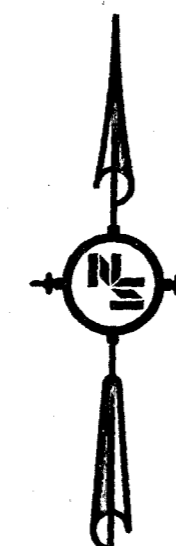
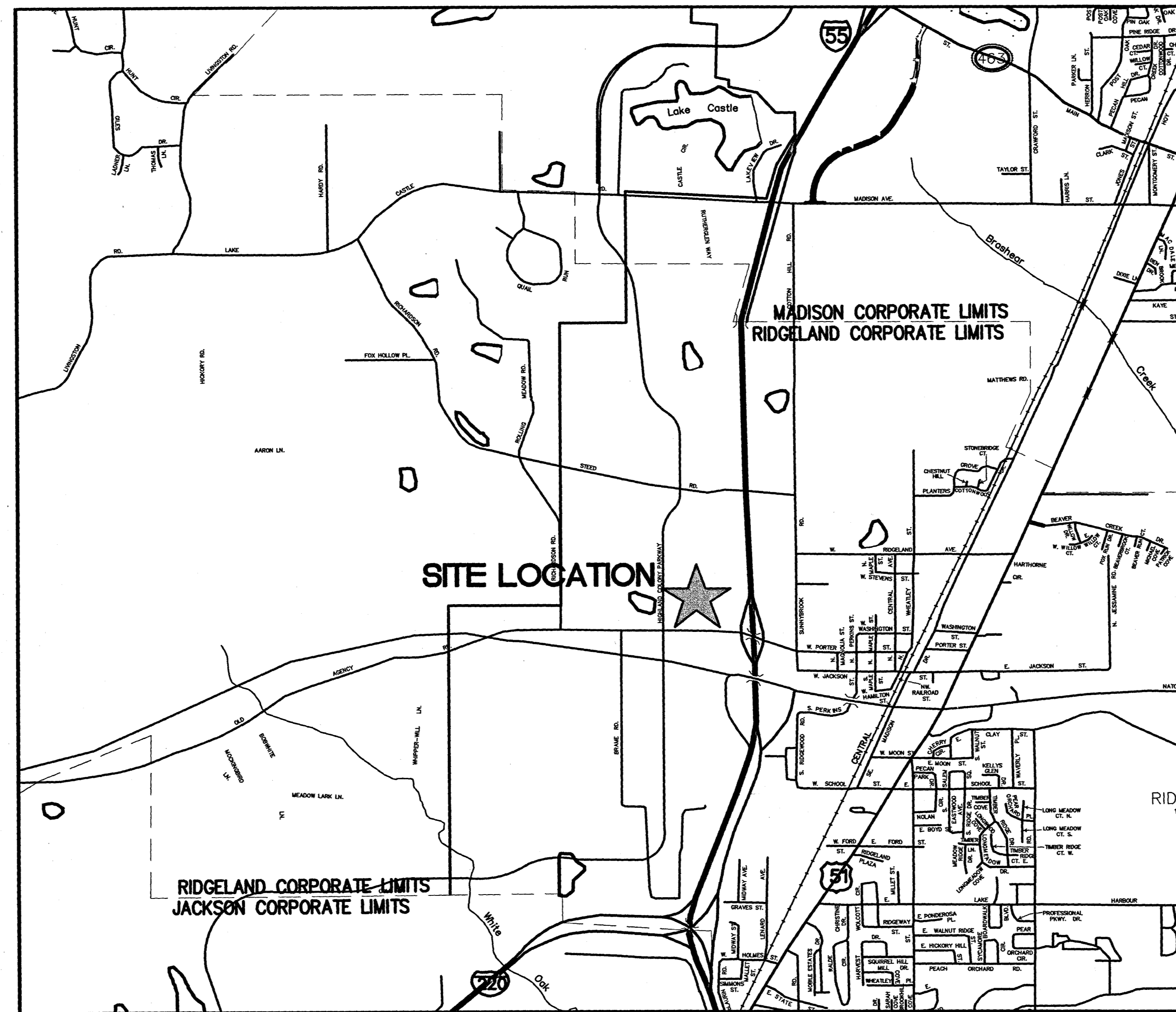
RENAISSANCE AT COLONY PARKWAY ROADWAY IMPROVEMENTS

RIDGELAND MADISON COUNTY, MISSISSIPPI JANUARY, 2007

LOCATION MAP



RECEIVED
JAN 22 2007
OFFICE OF THE
CLERK OF THE BOARD OF ALDERMEN
MADISON COUNTY, MISSISSIPPI



DESIGN CONTROL
45 MPH = V (SPEED DESIGN)
ADT(2005)= :8,700 ADT(2025)=15,250
DHV = 940: D = 58% T = 3

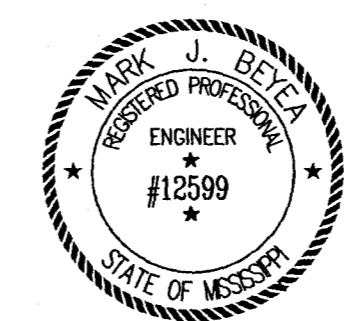
- OFFICE COPY _____
- PLANS REVIEW _____
- CD Director _____
- PW Director _____
- City Planner _____
- Traffic Engineer _____
- Drainage Engineer _____
- Fire Official _____
- Police Official _____

Site plans will not go forward to the Architectural Review Board or the Mayor and Board of Aldermen prior to the above review.

PREPARED FOR
HIGHLAND COLONY LAND COMPANY, LLC

VICINITY MAP
NOT TO SCALE

PREPARED BY
NEEL-SCHAFFER
Solutions you can build upon



N.S. ACCOUNT NO. 05734.050

PLD-01820111

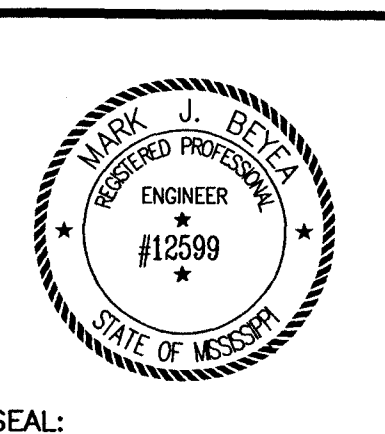
	WKG. No.	DWG. No.
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DETAIL INDEX	DI-1	2
GENERAL NOTES	GN-1	3
OVERALL PLAN	OP-1	4
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HIGHLAND COLONY PARKWAY SITE DIMENSION SHEET	SD-4	11
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	WKG. No.	DWG. No.
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NOTICE TO DRAWING HOLDER
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REVISIONS			DRAWING INFORMATION	
NO.	DATE	BY	DESCRIPTION	
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				FILENAME: 5734INDEX.DWG
				CADD TYPE: Autocad 2002
				SURVEYED BY:
				DSGN: M.J.B. DATE: 06/12/06
				DRWN: M.A.L. DATE: 06/12/06
				CHKD: DATE:
				QA/QC: DATE:

**RENAISSANCE AT COLONY PARKWAY
ROADWAY IMPROVEMENTS
N.S. ACCOUNT NO. 05734.050**



NEEL-SCHAFFER
Solutions you can build upon
1230 Highway 51 North
Madison, MS 39110
PH: (601)898-8118 / FAX: (601)898-2460

INDEX	
WORKING NUMBER: DI-1	DRAWING NUMBER: 2

GENERAL NOTES

- All unsurfaced areas are to receive topsoil, seed and mulch as indicated on the vegetation schedule and be watered until a healthy stand of grass is obtained, unless indicated otherwise.
- The contractor is responsible for repairs of damage to any existing improvements during construction, such as, but not limited to, drainage, utilities, pavement, striping, curbs, etc. repairs shall be equal to better than existing conditions.
- Contractor shall match existing pavement in grade and alignment, at connections to city streets.
- Construction shall comply with all governing codes and be constructed to the same.
- All striping, signing and traffic control devices and installations, whether temporary or permanent, shall comply with the Manual on Uniform Traffic Control Devices, latest edition.
- The geotechnical report referred to on these drawings shall be the report prepared by Soiltech, Inc., entitled "Geotechnical Investigation, Old Agency Square, Ridgeland, Mississippi (Report No. 1760.01) dated August 19, 2005, the project site shall be cleared, grubbed and proof-rolled in accordance with the recommendations contained in the geotechnical report.
- Horizontal Datum on these plans is based upon a local project system.
- Vertical Datum on these plans is based on NGVD 29. See benchmark information on this sheet.
- Construction survey and staking shall be the responsibility of the contractor.
- The governing specifications for this project shall be the Mississippi Standard Specifications For Road And Bridge Construction, 2004 Edition. Copies of this publication may be purchased from the Mississippi Department of Transportation.
- Geotextile fabric for bridging shall be Mirafi 600x or equal. (Pay Item 907-815-E-2-PP)
- Sand for bridging shall be a granular material having a maximum of 15% passing the no. 200 sieve and shall be placed and compacted in accordance with the geotechnical report.
- Borrow material and sand for bridging shall be placed, compacted and tested in accordance with the recommendations contained in the geotechnical report.
- It may be necessary for the contractor to dewater excavations and construct temporary dikes and diversion ditches in order to construct portions of the work included in this contract. Cost of dewatering and temporary drainage shall be absorbed in other items.
- Burning of debris shall not be allowed.
- Existing conditions, boundary lines and utilities are based on a survey by Case and Associates.

UTILITIES NOTES

- The Contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies, and where possible, measurements taken in the field. The information is not to be relied on as being exact or complete.
- Contractor shall be responsible for calling Mississippi-One Call at 1-800-227-6477 to verify all existing utilities. Contractor shall be responsible for damages to existing utilities to remain and for all interruptions caused by a result of his work.
- Sanitary sewer manholes indicated to be adjusted on plans must be flush with surrounding pavement surfaces after being adjusted. The contractor will be responsible for determining exact requirements to achieve the proper finished top elevation. If manholes are to be lowered, it may be necessary to remove existing manhole riser sections and replace them with new shorter ones. Adjustment rings may be used, but no more than a total of three rings shall be present on any manhole after adjustment. The total height of adjustment rings shall not exceed 12 inches. Bricks, blocks or other similar materials shall not be used to adjust manholes.

EROSION CONTROL NOTES

- Silt fence and hay bales shall be installed around all storm sewer inlets and as shown on plans. These shall be maintained in good condition until pavement is installed or vegetation is well established in area surrounding inlet.
- All areas, other than area to be paved, where the ground is disturbed shall receive topsoil, fertilizer, lime seeding and mulch as indicated in the vegetation schedule unless otherwise noted.

PERMITS

- Contractor shall prepare, maintain and adhere to a storm water pollution prevention plan in accordance with the Mississippi Department of Environmental Quality Storm Water Small Construction General NPDE Permit instructions contained in the Contract documents. The Storm Water Pollution Prevention Plan shall include all erosion control measures shown on these plans.
- Work within the right-of-way of Interstate Highway 55 and Old Agency Road may not be started until a permit is obtained from the Mississippi Department of Transportation. The Owner has made application for the permit and will notify the Contractor when the permit has been approved. A copy of the permit application is included in the contract documents.
- All other permits shall be obtained by the Contractor prior to start if any work.

TRAFFIC SIGNS

- In addition to meeting all other specifications, all traffic signs shall be constructed with "Diamond Grade 3" reflective sheeting per City of Ridgeland specifications.

DRAINAGE NOTES

- Precast inlets, of the MDOT SS-2 type, and junction boxes may be substituted for cast-in-place structures. Any precast structures shall be designed for HS-20 highway loading.
- Reinforced Concrete Pipe shall be Class III or Class IIIA unless otherwise indicated.
- HDPE pipe shall be smooth lined type meeting the requirements for Type S under AASHTO M 294.

UTILITY OWNERSHIP

ELECTRIC POWER - ENTERGY
 TELEPHONE - BELL SOUTH TELECOMMUNICATIONS
 NATURAL GAS - CENTERPOINTE ENERGY/ENTEX
 SANITARY SEWER - CITY OF RIDGELAND
 WATER - CITY OF RIDGELAND
 CABLE TELEVISION - COMCAST

CONTACT

MIKE FERREL (601)-925-6519
 AL WALLACE (601)-944-1446
 CHERYL MITCHELL (601)-856-9348
 DAVID WILLIAMS (601)-853-2027
 DAVID WILLIAMS (601)-853-2027
 GARY CARLSON (601)-832-3668

BENCHMARK DATA

ELEVATION BENCHMARKS ARE LOCATED AS FOLLOWS: SEE OVERALL

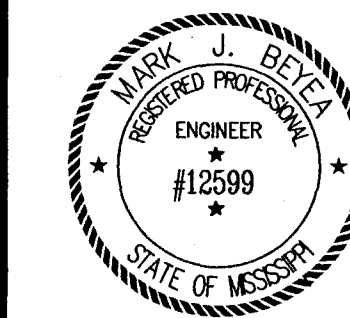
TBM #	DESCRIPTION	ELEVATION
1	SQUARE CUT IN THE NE CORNER OF H'WALL ON BOX CULV'T. UNDER STEED ROAD. NGVD 29	357.66
2	TOP OF NW ANCHOR BOLT ON 6th LIGHT POST SOUTH OF STEED RD. NGVD 29	352.74
3	SQUARE CUT ON THE NE CORNER OF H'WALL ON BOX CULV'T. UNDER HIGHLAND COLONY P'WAY. NGVD 29	349.58
4	TOP OF EAST ANCHOR BOLT ON "MERGE LEFT" SIGN AT THE NE COR. OF INTERSECTION OF OLD AGENCY RD. AND HIGHLAND C. P'WAY. NGVD 29	344.12

VEGETATION SCHEDULE					
EROSION CONTROL ITEMS	SEASONAL APPLICATIONS-DATES & RATES				REQUIREMENTS
	SPRING & SUMMER		FALL & WINTER		
ITEMS	RATES	DATES	RATES	DATES	
TOPSOIL FOR SLOPE TREATMENT	4"	MARCH 1 TO SEPTEMBER 1	4"	SEPTEMBER 1 TO MARCH 1	PROVIDE TOPSOIL ON AREA TO RECEIVE SOLID SOD OR SEEDING
STANDARD GROUND PREPARATION	PER SQ.YD.	MARCH 1 TO SEPTEMBER 1	PER SQ.YD.	SEPTEMBER 1 TO MARCH 1	GROUND PREPARATION REQUIRED ON AREAS TO RECEIVE SOLID SODDING OR SEEDING, AS APPLICABLE.
AGRICULTURAL LIMESTONE	2 TONS/ACRE	MARCH 1 TO SEPTEMBER 1	2 TONS/ACRE	SEPTEMBER 1 TO MARCH 1	LIMESTONE SHALL BE MECHANICALLY SPREAD UNIFORMLY AND INCORPORATED INTO THE SOIL PRIOR TO PLANTING.
COMBINATION FERTILIZER (13-13-13)	1000 LBS./ACRE	MARCH 1 TO SEPTEMBER 1	1000 LBS./ACRE	SEPTEMBER 1 TO MARCH 1	FERTILIZER SHALL BE MECHANICALLY SPREAD UNIFORMLY AND INCORPORATED INTO THE SOIL PRIOR TO PLANTING.
SOLID SOD		MARCH 1 TO SEPTEMBER 1		SEPTEMBER 1 TO MARCH 1	MATCH SOD TYPE ON 100 RENAISSANCE OFFICE BUILDING SITE
SEEDING (BERMUDAGRASS)	20 LBS./ACRE	MARCH 1 TO SEPTEMBER 1	20 LBS./ACRE	SEPTEMBER 1 TO MARCH 1	SEED REQUIRED ON DISTURBED AREAS. UNHULLED SEED MAY BE REQUIRED DURING THE DORMANT SEASON.
SEEDING (TALL FESCUE)			20 LBS./ACRE	SEPTEMBER 1 TO MARCH 1	SEED REQUIRED ON DISTURBED AREAS.
SEEDING (ANNUAL RYE)			20 LBS./ACRE	SEPTEMBER 1 TO MARCH 1	SEED REQUIRED ON DISTURBED AREAS.
VEGETATIVE MATERIAL FOR MULCH	3 TONS/ACRE (EST.)	MARCH 1 TO SEPTEMBER 1	3 TONS/ACRE (EST.)	SEPTEMBER 1 TO MARCH 1	

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REVISIONS			DRAWING INFORMATION	
NO.	DATE	BY	DESCRIPTION	
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				FILENAME: 5734GNOTES.DWG
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				SURVEYED BY:
				DSGN: M.J.B. DATE: 06/12/06
				DRWN: M.A.L. DATE: 06/12/06
				CHKD: DATE:
				QA/QC: DATE:

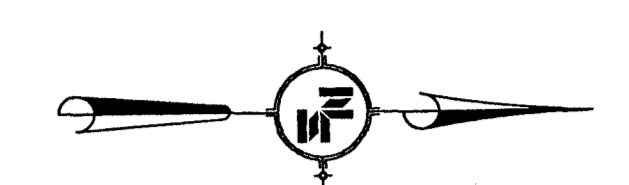
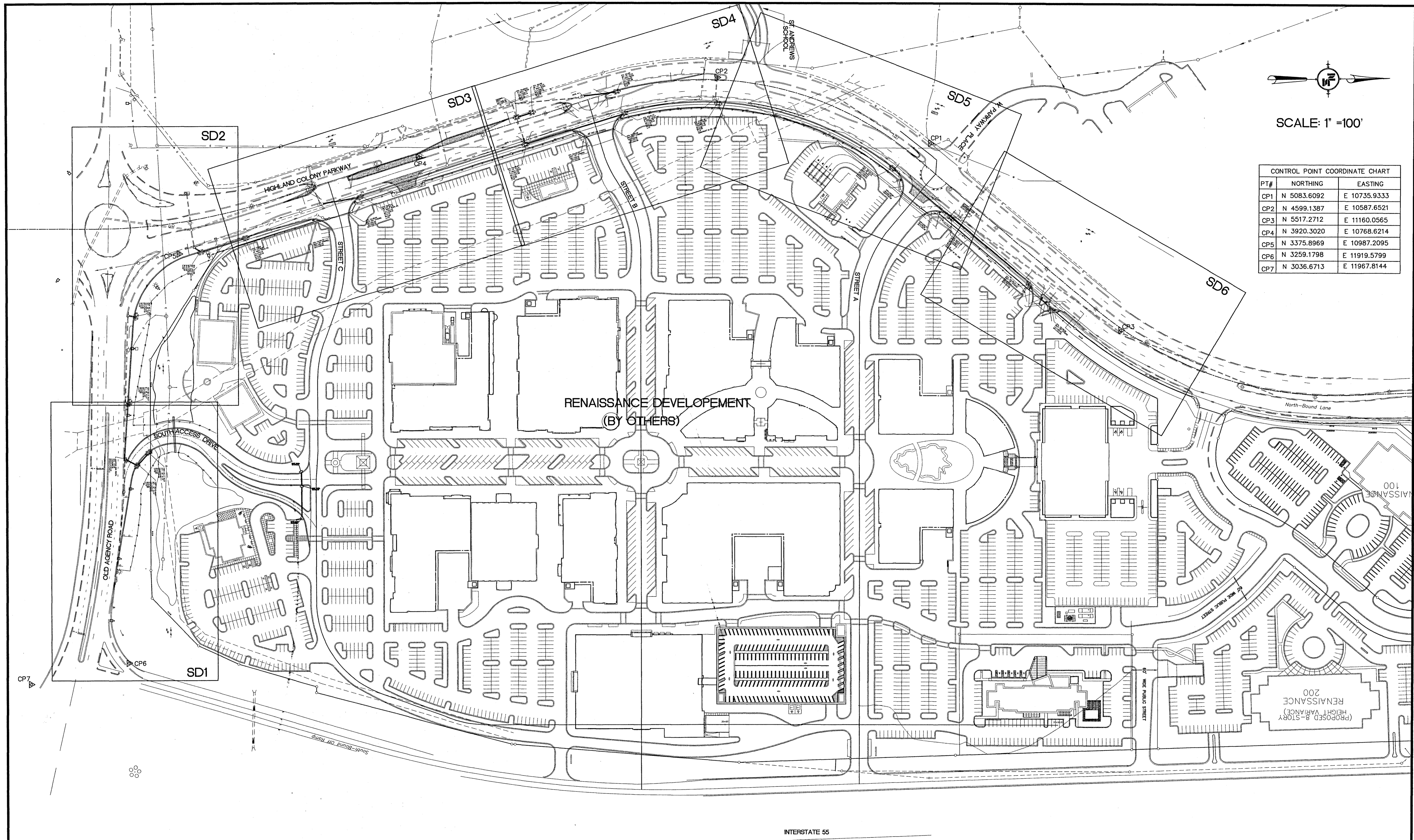
**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
 N.S. ACCOUNT NO. 05734.050**



**1230 Highway 51 North
 Madison, MS 39110
 PH: (601)898-8118 / FAX: (601)898-2460**

GENERAL NOTES

WORKING NUMBER: **GN-1**
 DRAWING NUMBER: **3**



SCALE: 1" = 100'

CONTROL POINT COORDINATE CHART		
PT#	NORTHING	EASTING
CP1	N 5083.6092	E 10735.9333
CP2	N 4599.1387	E 10587.6521
CP3	N 5517.2712	E 11160.0565
CP4	N 3920.3020	E 10768.6214
CP5	N 3375.8969	E 10987.2095
CP6	N 3259.1798	E 11919.5799
CP7	N 3036.6713	E 11967.8144

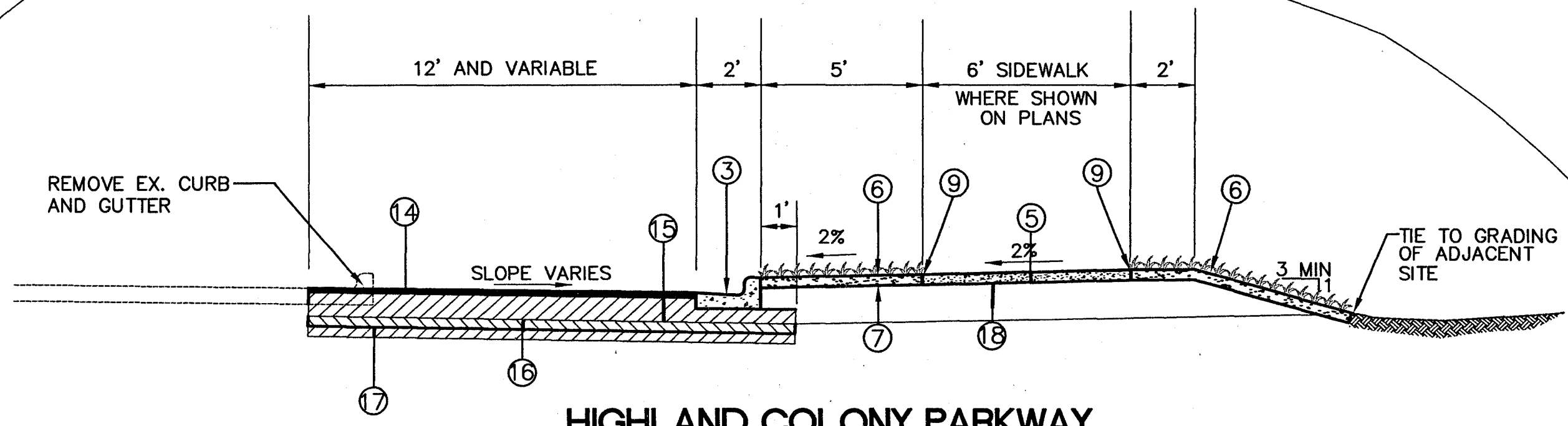
RENAISSANCE DEVELOPMENT
(BY OTHERS)

(PROPOSED 8-STORY
HEIGHT VARIANCE)
RENAISSANCE
200

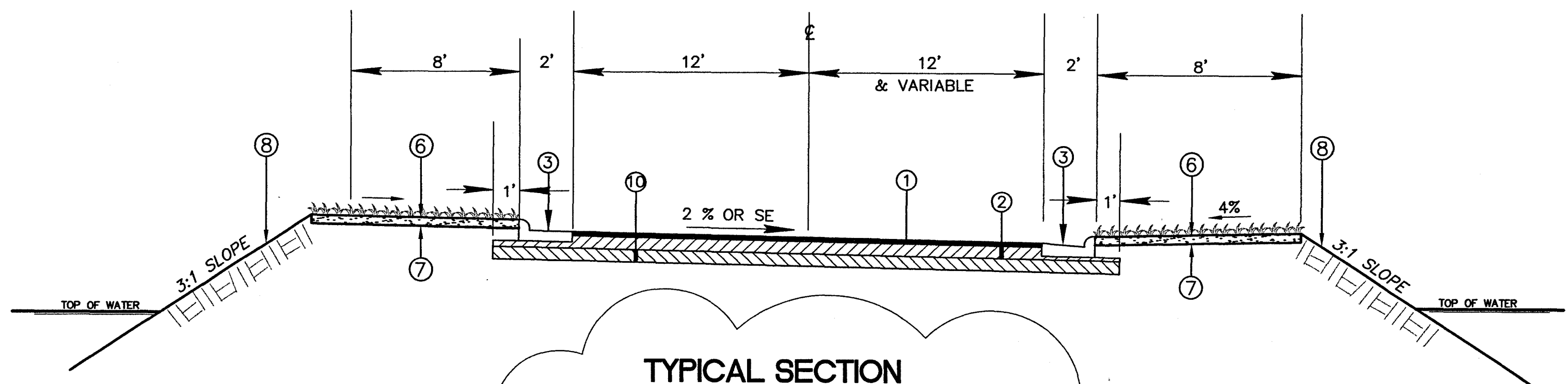
INTERSTATE 55

T:\Renaissance at Colony Parkway Roadways\dwg\05734511D1M.dwg, 1/26/2007 8:55:39 AM

<p>NOTICE TO DRAWING HOLDER</p> <p>NEEL-SCHAFFER, INC., HERINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	BY	DESCRIPTION					<p>DRAWING INFORMATION</p> <p>N-S PROJECT NO.: 05734.050 FILENAME: 5734511D1M.DWG CADD TYPE: Autocad 2002 SURVEYED BY: DSGN: M.J.B. DATE: 05/30/06 DRWN: M.A.L. DATE: 05/30/06 CHKD: DATE: QA/QC: DATE: </p>	<p>RENAISSANCE AT COLONY PARKWAY ROADWAY IMPROVEMENTS RIDGELAND, MISSISSIPPI N.S. ACCOUNT NO. 05734.050</p>		<p>NEEL-SCHAFFER Solutions you can build upon</p> <p>1230 Highway 51 North Madison, MS 39110 PH: (601)898-8118 / FAX: (601)898-2460</p>	<p>PROJECT OVERALL LAYOUT</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">WORKING NUMBER: OP-1</td> <td style="width: 50%;">DRAWING NUMBER: 4</td> </tr> </table>	WORKING NUMBER: OP-1	DRAWING NUMBER: 4
NO.	DATE	BY	DESCRIPTION													
WORKING NUMBER: OP-1	DRAWING NUMBER: 4															



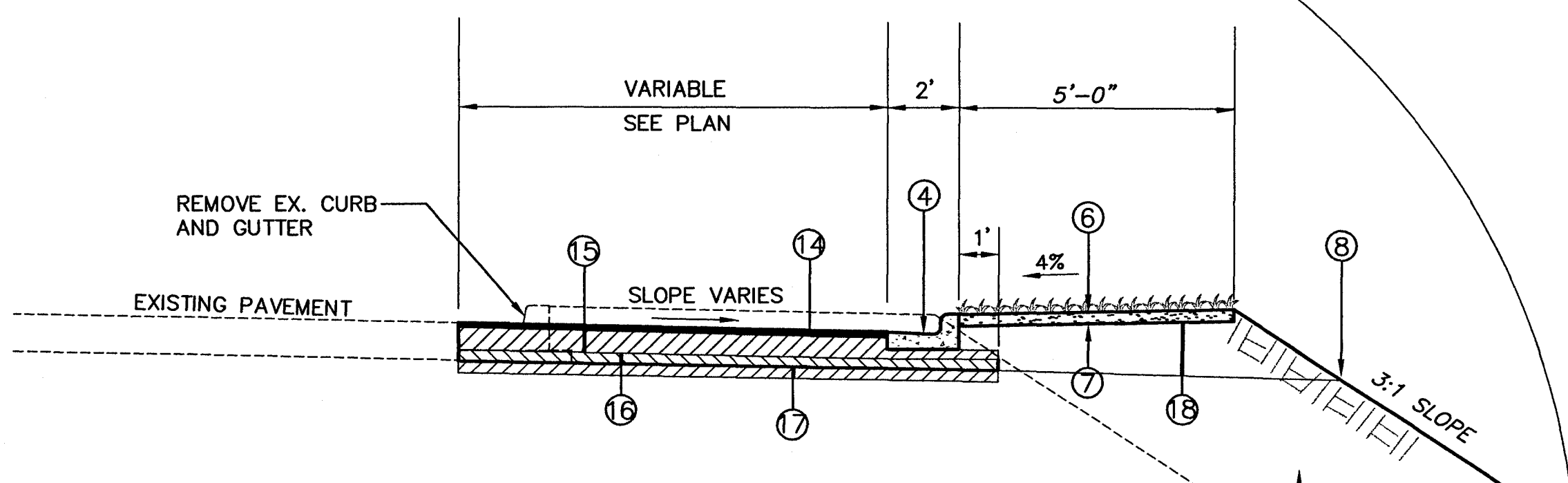
**HIGHLAND COLONY PARKWAY
TYPICAL SECTION
STA 10+00 - STA 12+40**



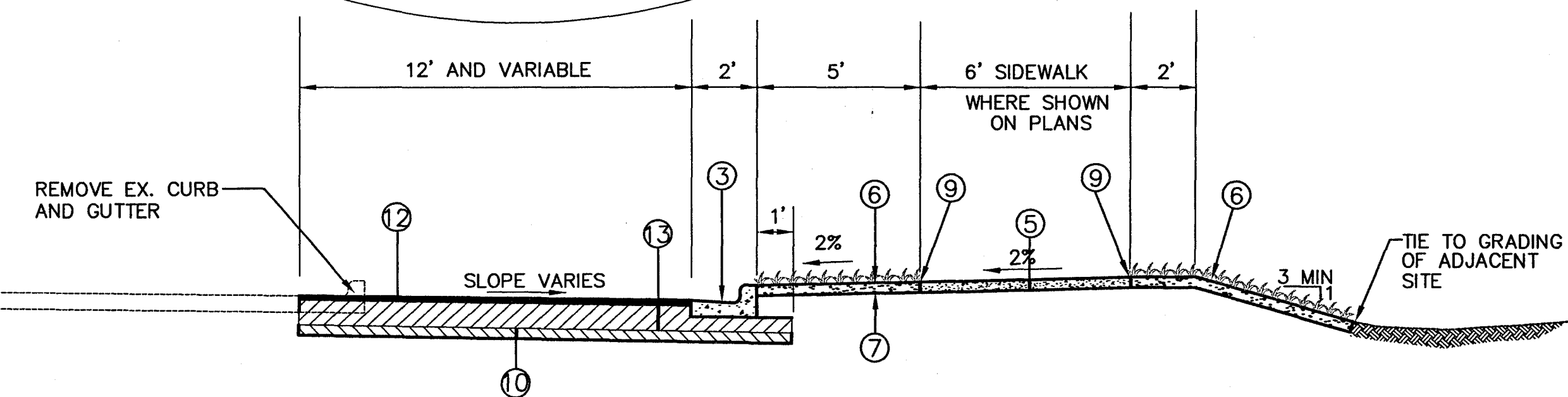
**TYPICAL SECTION
SOUTH ENTRANCE ROAD
BEGINNING + STA- 11+55.22**

- ① 1 1/2" HOT MIX ASPHALT, 9.5mm MIXTURE (MT)
- ② 9" HOT MIX ASPHALT, 19.0mm MIXTURE (MT)(3@ 3" OR 4@ 2 1/4")
- ③ STANDARD CURB AND GUTTER (TYPE 1)
- ④ STANDARD CURB AND GUTTER (TYPE 2)
- ⑤ 4" THICK FIBER REINFORCED CONCRETE
- ⑥ SOLID SOD (EXCEPT AS SHOWN OTHERWISE ON PLANS)
- ⑦ 4" TOPSOIL
- ⑧ AREA TO BE VEGETATED PER VEGETATION SCHEDULE.
- ⑨ TOP OF SOD SHALL BE 1" BELOW FINISHED EDGE OF PATH.
- ⑩ 8" LIME TREATED SUBGRADE
- ⑪ 6" SCARIFIED AND COMPACTED SUBGRADE
- ⑫ 1 1/2" HOT MIX ASPHALT SURFACE COURSE (SC-1A, PAY ITEM 907-403-R-2 PER CITY OF RIDGELAND SPECIFICATIONS)
- ⑬ 9" HOT MIX ASPHALT BASE COURSE (BB-1A, PAY ITEM 907-403-R-1 PER CITY OF RIDGELAND SPECIFICATIONS)
- ⑭ 4" HOT MIX ASPHALT, HT (12.5 MM MIXTURE) POLYMER MODIFIED (2@2")
- ⑮ 5.25" HOT MIX ASPHALT, HT (19 MM MIXTURE)(1 @ 2.25" & 1@3")
- * ⑯ 6" SOIL CEMENT TREATED GRANULAR MATERIAL (CLASS 9 GROUP C)
- ** ⑰ 6" CHEMICALLY TREATED SUBGRADE
- ⑱ 15.25" AND VARIABLE DEPTH GRANULAR MATERIAL (CLASS 9, GROUP C)
- ⑲ BORROW EXCAVATION, B14

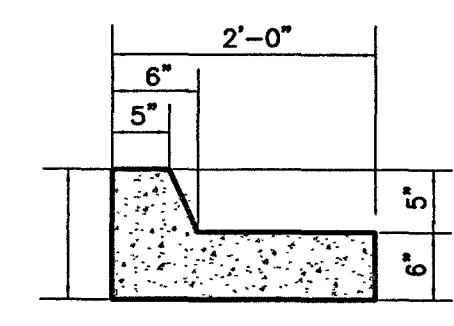
* SOIL CEMENT (5.5%) OR LIME-FLY ASH (3% LIME, 12% FLY ASH)
 **QUANTITIES BASED ON 50% OF SUBGRADE BEING TREATED WITH LIME (6%) AND THE REMAINING 50% WILL BE TREATED WITH SOIL CEMENT (4%) OR LIME-FLY ASH (3% LIME, 12% FLY ASH)



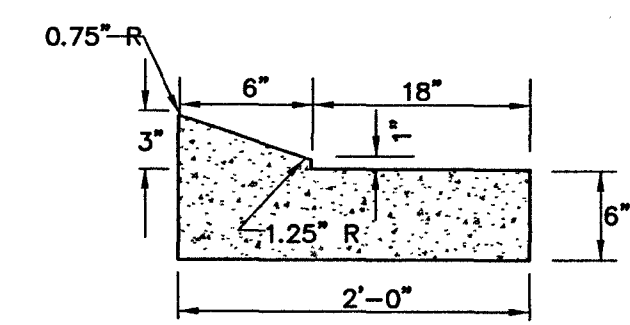
**TYPICAL SECTION
OLD AGENCY ROAD**



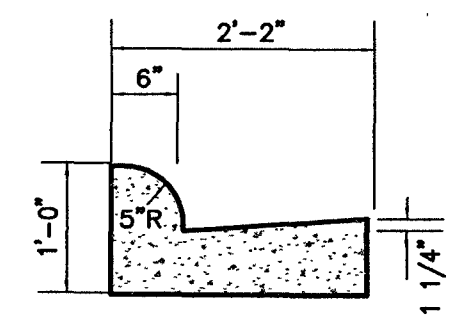
**HIGHLAND COLONY PARKWAY
TYPICAL SECTION
STA 12+40 - STA 34+45.79**



TYPE 1 CURB AND GUTTER
N.T.S.
CONCRETE SHALL BE MDOT CLASS B
PROVIDE SCORED CONTROL JOINTS AT 20' MINIMUM AND EXPANSION JOINTS AT 60' MINIMUM.



DETAIL OF COMBINATION CURB AND GUTTER "TYPE 3"
CONCRETE SHALL BE MDOT CLASS B
PROVIDE SCORED CONTROL JOINTS AT 20' MINIMUM AND EXPANSION JOINTS AT 60' MINIMUM.



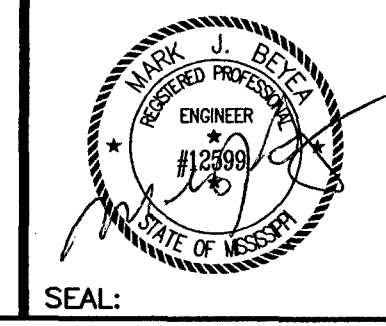
TYPE 2 CURB AND GUTTER
N.T.S.
CONCRETE SHALL BE MDOT CLASS B
PROVIDE SCORED CONTROL JOINTS AT 20' MINIMUM AND EXPANSION JOINTS AT 60' MINIMUM.

NOTICE TO DRAWING HOLDER
NEEL-SCHAFFER, INC., HERINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

REVISIONS		
NO.	DATE	DESCRIPTION
Δ	2/16/07	MOD. OLD AGENCY RD SECTIONS DELETE SOUTH ACCESS DRIVE

DRAWING INFORMATION	
N-S PROJECT NO.:	5734.050
FILENAME:	57341TYPREV21570.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	M.J.B. DATE: 06/12/06
DRWN:	M.A.L. DATE: 06/12/06
CHKD:	DATE:
QA/QC:	DATE:

**RENAISSANCE AT COLONY PARKWAY
ROADWAY IMPROVEMENTS
N.S. ACCOUNT NO. 05734.050**



NEEL-SCHAFFER
1230 Highway 51 North
Madison, MS 39110
PH: (601)898-8118 / FAX: (601)898-2460

**TYPICAL SECTION
HIGHLAND COLONY PARKWAY
AND OLD AGENCY ROAD**
WORKING NUMBER: TS-1
DRAWING NUMBER: 5

SUMMARY OF QUANTITIES				
PAY ITEM NO.	PAY ITEM	TOTAL QUANTITY		UNIT
		PLAN	FINAL	
ROADWAY ITEMS				
201-A	CLEARING & GRUBBING	1		LUMP SUM
202-A	REMOVAL OF OBSTRUCTIONS	1		LUMP SUM
202-B	REMOVAL OF ASPHALT PAVEMENT (ALL THICKNESSES)	982		SQ. YD.
202-B	REMOVAL OF CURB (ALL TYPES)	4300		LIN. FT.
202-B	REMOVAL OF GUARDRAIL	130		LIN. FT.
202-B	REMOVAL OF STANDARD ROADSIDE SIGNS, ALL SIZES	3		EACH
202-B	REMOVAL OF EXISTING IRRIGATION HEADS AND VALVES	18		EACH
202-B	REMOVAL OF EXISTING POLE FOUNDATIONS	5		EACH
203-A	UNCLASSIFIED EXCAVATION (FM) (AH)	1000		CU. YD.
203-E	BORROW EXCAVATION (FME) (CONTRACTOR FURNISHED) (AH) (CLASS B14)	2500		CU. YD.
203-G	EXCESS EXCAVATION (FM) (AH)	2700		CU. YD.
206-A	STRUCTURE EXCAVATION	515		CU. YD.
907-258-A-PP	SIGN POST ASSEMBLY (PER PLANS)	15		EACH
907-282-B	IRRIGATION PIPING, 3"	450		LIN. FT.
907-282-C	IRRIGATION PIPING, 1-1/2"	300		LIN. FT.
907-282-C	IRRIGATION PIPING, 2-1/2"	100		LIN. FT.
907-282-C	IRRIGATION SLEEVES, 6"	50		LIN. FT.
907-282-G	ELECTRIC VALVE (2")	3		EACH
907-282-J	ISOLATION VALVE, 3"	1		EACH
907-282-K	VALVE CONTROL WIRE	750		LIN. FT.
304-A	GRANULAR MATERIAL, LVM, CLASS 9, GROUP C	500		CU. YD.
304-F	SIZE 610 CRUSHED STONE BASE	50		TON
307-C	6" SOIL-LIME-WATER MIXING, CLASS C	10,000		SQ. YD.
307-D	LIME	250		TON
308-A	PORTLAND CEMENT	35		TON
308-B	SOIL-CEMENT-WATER MIXING, BASE 6"	1700		SQ. YD.
311-A	6" PROCESSING, LIME AND FLY ASH TREATED COURSE	850		SQ. YD.
311-C	FLY ASH, CLASS C	80		TON
403-A	HOT MIX ASPHALT, HT, (19.0 MM MIXTURE)	450		TON
403	HOT MIX ASPHALT, HT, (12.5 MM MIXTURE), POLYMER MODIFIED	300		TON
907-403-R-1	HOT MIX ASPHALT, BASE COURSE, BB-1A	3100		TON
907-403-R-2	HOT MIX ASPHALT, SURFACE COURSE, SC-1A	500		TON
503-C	SAW CUT, FULL DEPTH	580		LIN. FT.
601-B	CLASS "B" STRUCTURAL CONCRETE, MINOR STRUCTURES	51		CU. YD.
602-A	REINFORCING STEEL	4952		LB.
603-CA	15" REINFORCED CONCRETE PIPE, CLASS III	532		LIN. FT.
603-CA	18" REINFORCED CONCRETE PIPE, CLASS III	404		LIN. FT.
603-CA	44" X 27" REINFORCED CONCRETE ARCH PIPE CLASS III	68		LIN. FT.
603-CF	44" X 27" CONCRETE ARCH PIPE, END SECTION	4		EACH
604-A	CASTINGS	1343		LB.
608-B	CONCRETE SIDEWALK (WITH REINFORCEMENT)	1430		SQ. YD.
609-D	COMBINATION CONCRETE CURB & GUTTER (ALL TYPES)	4400		LIN. FT.
613-A	ADJUSTMENT OF CASTINGS, GRATINGS AND UTILITY APPURTENANCES	1		LUMP SUM
907-613-D-1-PP	ADJUSTMENT OF EXISTING CURB INLET (PER PLANS)	9		EACH
907-613-D-2-PP	ADJUSTMENT OF EXISTING MANHOLE (PER PLANS)	4		EACH
907-614-C-PP	DETECTABLE WARNINGS (PER PLANS)	141		SQ. FT.
616-A	10" CONC. MEDIAN AND ISLAND PAVEMENT	45		SQ. YD.
618-A	MAINTENANCE OF TRAFFIC	1		LUMP SUM
619-F1	CONCRETE MEDIAN BARRIER, PRECAST	350		LIN. FT.
620-A	MOBILIZATION	1		LUMP SUM
626-A	6" THERMOPLASTIC TRAFFIC STRIPE (SKIP WHITE) (90 MILS)	0.5		MI.
626-C	6" THERMOPLASTIC EDGE STRIPE (CONTINUOUS WHITE) (60 MILS)	0.8		MI.
626-E	6" THERMOPLASTIC TRAFFIC STRIPE (CONTINUOUS YELLOW) (60 MILS)	0.5		MI.
626-F	6" THERMOPLASTIC EDGE STRIPE (CONTINUOUS YELLOW) (60 MILS)	0.25		MI.
626-G	THERMOPLASTIC DETAIL STRIPE, WHITE 6" EQUIV. LENGTH (90 MILS)	4200		LIN. FT.
626-H	THERMOPLASTIC LEGEND (WHITE) (120 MILS)	210		SQ. FT.
626-H	THERMOPLASTIC LEGEND (WHITE)(6" EQUIVALENT LENGTH) (120 MILS)	1610		LIN. FT.
627-C	RED-CLEAR REFLECTIVE RAISED MARKERS	104		EACH
627-D	TWO-WAY YELLOW REFLECTIVE RAISED MARKERS	8		EACH
630-A	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	110		SQ. FT.
630-A	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.125" THICKNESS	50		SQ. FT.
630-C	STEEL U-SECTION POSTS, 3.0-3.5 LB/FT	135		LIN. FT.
907-632-V	6" STEEL CASING, JACKED OR BORED	125		LIN. FT.

NOTES: ITEMS TO BE CONSTRUCTED AS PER MISSISSIPPI STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION MISSISSIPPI STATE HIGHWAY DEPARTMENT, 2004 EDITION ALL WORK REQUIRED BY THE CONTRACT DOCUMENTS SHALL BE INCLUDED IN ONE OR MORE OF THE ABOVE BID ITEMS. THERE SHALL BE NO ADDITIONAL MEASUREMENT OR PAYMENT FOR ANY OTHER ITEM OF WORK.

- (1) SALVAGE REMOVED ITEMS TO CITY OF RIDGELAND
- (2) INCLUDES END SECTIONS
- (3) TO BE USED AS DIRECTED BY THE ENGINEER
- (4) FOUNDATIONS SHALL BE REMOVED TO A MIN. DEPTH OF 2 FEET BELOW PROPOSED SUBGRADE OR FINISHED GRADE ELEVATION WHICHEVER IS LOWER.
- (5) ACTUATED SOLID STATE TRAFFIC CONTROLLERS SHALL BE EAGLE EPAC M30 SERIES OR APPROVED EQUAL. M50 SERIES CONTROLLERS SHALL NOT BE USED.
- (6) INCLUDES REINSTALLATION AS INDICATED ON PLANS.

SUMMARY OF QUANTITIES				
PAY ITEM NO.	PAY ITEM	TOTAL QUANTITY		UNIT
		PLAN	FINAL	
TRAFFIC SIGNAL ITEMS				
635-A	VEHICLE LOOP ASSEMBLIES	2952		LIN. FT.
636-A	SHIELDED CABLE, AWG #18, 4 CONDUCTOR	3370		LIN. FT.
907-636-A	SHIELDED CABLE, AWG #18, 4 CONDUCTOR, IMSA 50-4	1620		LIN. FT.
637-A	EQUIPMENT CABINET	1		EACH
638-A	LOOP DETECTOR AMPLIFIER, CARD RACK MOUNTED, 4-CHANNEL	8		EACH
907-639-A	TRAFFIC SIGNAL EQUIPMENT POLE, NOSTALGIC TYPE, 21' SHAFT, 35' ARM, BLACK	1		EACH
907-639-A	TRAFFIC SIGNAL EQUIPMENT POLE, NOSTALGIC TYPE, 30' SHAFT, 40' ARM, BLACK	1		EACH
907-639-A	TRAFFIC SIGNAL EQUIPMENT POLE, NOSTALGIC TYPE, 21' SHAFT, 50' ARM, BLACK	1		EACH
907-639-A	TRAFFIC SIGNAL EQUIPMENT POLE, NOSTALGIC TYPE, 21' SHAFT, 55' ARM, BLACK	1		EACH
907-639-A	TRAFFIC SIGNAL EQUIPMENT POLE, NOSTALGIC TYPE, 21' SHAFT, 60' ARM, BLACK	1		EACH
907-639-A	TRAFFIC SIGNAL EQUIPMENT POLE, NOSTALGIC TYPE, 21' SHAFT, 65' ARM, BLACK	1		EACH
907-639-A	TRAFFIC SIGNAL EQUIPMENT POLE, NOSTALGIC TYPE, 21' SHAFT, 35' AND 60' ARMS, BLACK	1		EACH
907-639-A	TRAFFIC SIGNAL EQUIPMENT POLE, NOSTALGIC TYPE, 21' SHAFT, 45' AND 60' ARMS, BLACK	1		EACH
907-639-A	TRAFFIC SIGNAL EQUIPMENT POLE, NOSTALGIC TYPE, 8' SHAFT, BLACK	2		EACH
640-A	TRAFFIC SIGNAL HEADS, TYPE 1 LED	16		EACH
640-A	TRAFFIC SIGNAL HEADS, TYPE 3 LED	3		EACH
640-A	TRAFFIC SIGNAL HEADS, TYPE 5 LED	2		EACH
640-A	TRAFFIC SIGNAL HEADS, TYPE 6 LED	10		EACH
640-A	TRAFFIC SIGNAL HEADS, TYPE 7 LED	4		EACH
642-A	SOLID STATE TRAFFIC ACTUATED CONTROLLERS, TYPE 8A	2		EACH
643-A	CLOSED LOOP ON-STREET MASTER SYSTEM	1		EACH
644-A	OPTICAL DETECTOR	10		EACH
644-B	OPTICAL DETECTOR CABLE	2500		LIN. FT.
644-C	PHASE SELECTOR, 4 CHANNEL	2		EACH
647-A	PULLBOX, TYPE 1	3		EACH
647-A	PULLBOX, TYPE 2	13		EACH
647-A	PULLBOX, TYPE 4	2		EACH
647-A	PULLBOX, TYPE 5	5		EACH
650-A	ON STREET VIDEO EQUIPMENT, FIXED TYPE	6		EACH
650-A	ON STREET VIDEO EQUIPMENT, PTZ TYPE	1		EACH
657-A	FIBER OPTIC CABLE, 72 SM	4100		LIN. FT.
657-A	FIBER OPTIC DROP CABLE, 12 SM	20		LIN. FT.
666-B	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #8, 2 CONDUCTOR	600		LIN. FT.
666-B	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #10, 2 CONDUCTOR	950		LIN. FT.
666-B	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG #14, 5 COND.	2100		LIN. FT.
666-B	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG #14, 7 COND.	2100		LIN. FT.
666-D	ELECTRIC CABLE, AERIAL SUPPORTED IN CONDUIT, IMSA 20-1, #AWG 14, 7 COND.	550		LIN. FT.
668-A	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 1"	950		LIN. FT.
668-A	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 2"	600		LIN. FT.
668-A	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 3"	350		LIN. FT.
668-B	TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLL PIPE, 2"	6100		LIN. FT.
LIGHTING ITEMS				
682-A	UNDERGROUND BRANCH CIRCUIT (AWG #10)(3 CONDUCTOR)	20		LIN. FT.
682-A	UNDERGROUND BRANCH CIRCUIT (AWG#6)(3 CONDUCTOR)	1720		LIN. FT.
682-A	UNDERGROUND BRANCH CIRCUIT (AWG#2)(3 CONDUCTOR)	100		LIN. FT.
683-B	LIGHTING ASSEMBLY, LOW MAST (TYPE 50-1-0-400)(USE EXISTING POLE)	3		EACH
683-B	LIGHTING ASSEMBLY, LOW MAST (TYPE 50-1-0-400)	2		EACH
684-A	POLE FOUNDATIONS, 24" DIAMETER	10		CU. YD.
684-B	SLIP CASINGS, 24" DIAMETER	36		LIN. FT.
686-A	RELOCATION OF EXISTING LIGHTING ASSEMBLY	2		EACH
908-682-A1	BRANCH CIRCUIT WIRE (AWG #10)(3 CONDUCTORS)	120		LIN. FT.
908-682-A1	BRANCH CIRCUIT WIRE (AWG #6)(3 CONDUCTORS)	340		LIN. FT.
908-682-A1	BRANCH CIRCUIT WIRE (AWG #2)(3 CONDUCTORS)	1460		LIN. FT.
908-682-C	IRRIGATION POWER PANEL RELOCATION	1		EACH
EROSION CONTROL ITEMS				
211-B	TOP SOIL FOR SLOPE TREATMENT, CONTRACTOR FURNISHED	450		CU. YD.
212-B	STANDARD GROUND PREPARATION	9000		SQ. YD.
213-A	AGRICULTURAL LIMESTONE	4		TON
213-B	COMBINATION FERTILIZER (13-13-13)	1		TON
214-A	SEEDING (ANNUAL RYE)	20		LB.
215-A	VEGETATIVE MATERIALS FOR MULCH	3		TON
216-B	SOLID SOD CENTIPEDE GRASS	4500		SQ. YD.
219-A	WATERING	180		M/GALLON
234-A	TEMPORARY SILT FENCE	3500		LIN. FT.
235-A	TEMPORARY EROSION CHECKS	130		EACH
605-W	FILTER MATERIAL FOR COMBINATION STORM DRAIN AND/OR UNDERDRAINS, TYPE B, FM	1250		CU. YD.
907-815-E-2-PP	GEOTEXTILE FABRIC FOR BRIDGING	2500		SQ. YD.
699-A	ROADWAY CONSTRUCTION STAKES	1		LUMP SUM

NOTE: ALL ITEMS NOT SHOWN TO BE REMOVED AS A SEPARATE PAY ITEM SHALL BE REMOVED UNDER PAY ITEM NO. 202-A.

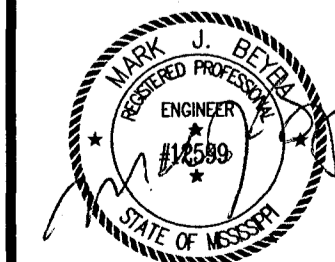
NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	2/16/07	NS	REVISED QTY'S AND ADDED ITEMS

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734SUMREV21607.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN: M.J.B.	DATE: 01/18/06
DRWN: M.A.L.	DATE: 01/18/06
CHKD:	DATE:
QA/QC:	DATE:

RENAISSANCE AT COLONY PARKWAY
ROADWAY IMPROVEMENTS
N.S. ACCOUNT NO. 05734.050
FEDERAL AID PROJ. NO. STP-6926-00(002)



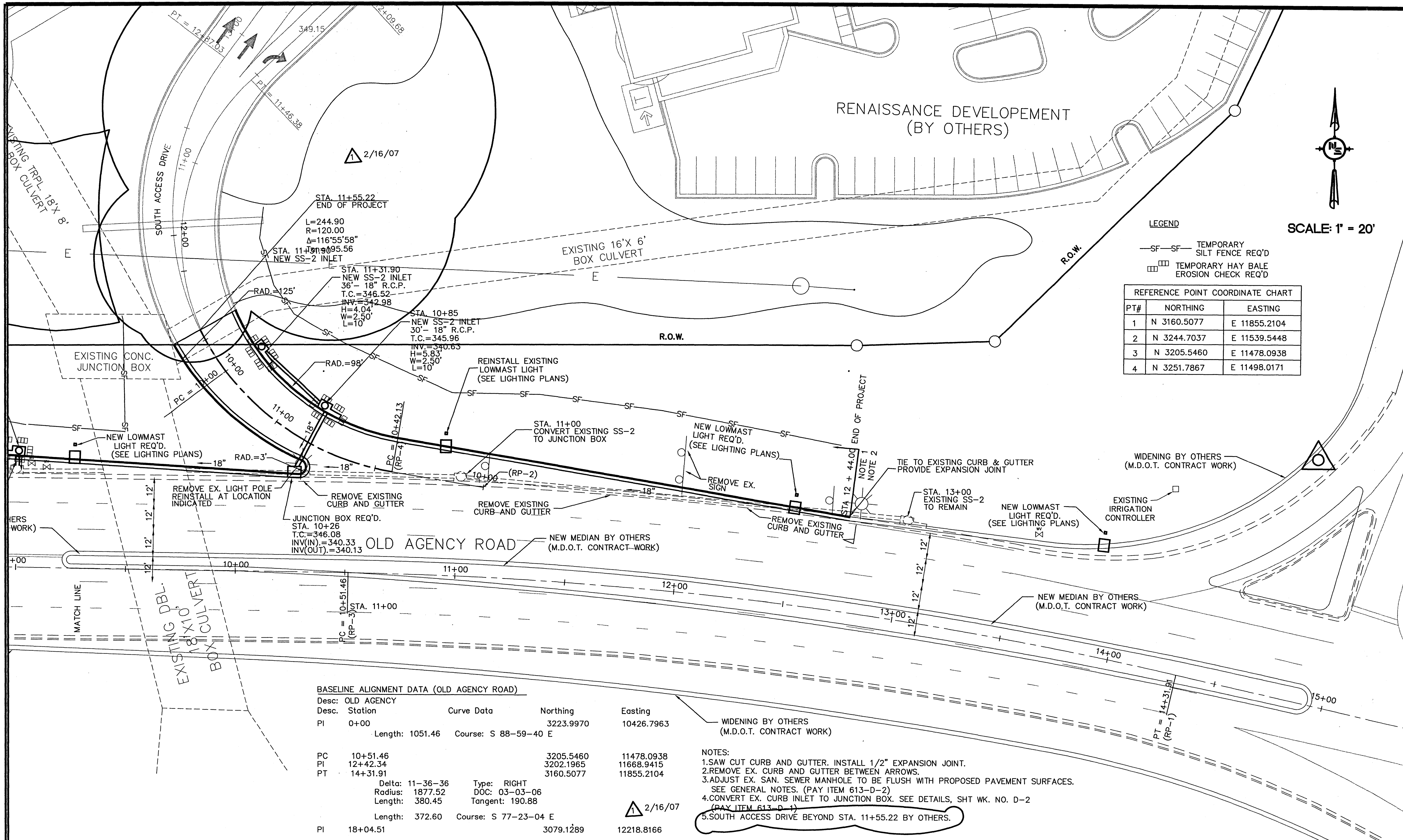
NEEL-SCHAFFER
Solutions you can build upon
1230 HWY 51
Madison, MS 39110
PH: (601)898-8118 / FAX: (601)898-2480

SUMMARY OF QUANTITIES

WORKING NUMBER: SUM-1
DRAWING NUMBER: 6

PIPE CULVERT DRAINAGE STRUCTURES

WK. SH. NO.	STATION TO STATION	PIPE CULVERTS										END SECTIONS						SIZE			DRAWINGS REQ'D.	CLASS "B" CONC.	REINF. STEEL	CASTINGS	GRAATING	PAVED APRON	STRUCTURE EXCAVATION		GEO TEXTILE	FILTER MATERIAL		REMARKS						
		RCP			RCAP				CMP			15"	18"	24"	22"x13"	29"x18"	36"x23"	44"x27"	L	W							H	OPENINGS		CU YDS EXCAV	EST. DEPTH		"A"	"B"				
		15"	18"	24"	30"	36"	42"	48"	44"x27"	18"	24"																											
SD-1	11+31.90 (SADW)																	10'	2.5'	4.04'	1 @ 18"	SS-2	3.00	312.31	79													
SD-1	11+31.90 (SADW)	10+85.00 (SADW)	36'																		3 @ 18"	JB-1	1.03	81.30						26.52	4.65'					ON EX. PIPE		
SD-1	10+26 LT (OAR)																																					
SD-1	10+26 LT(OAR)	10+85 RT (SADW)	32'																		2 @ 18"	SS-2	3.51	344.19	79													
SD-1	10+85 RT (SADW)																																					
SD-1	11+00 LT(OAR)																																					
SD-2	9+00 LT(OAR)																																					
SD-2	9+00 LT(OAR)	9+00 LT(OAR)	8'																		1 @ 18"	SS-2	3.60	345.21	79					3.49	3.96'							
SD-2	9+00 LT(OAR)																																					
SD-2	7+03.26 LT(OAR)																				1 @ 18"	SS-2	3.27	327.73	79													
SD-2	7+00 LT(OAR)																																					
SD-2	7+00 LT(OAR)	7+03.26 LT(OAR)	14'																																			
SD-2	11+90.00 RT																																					
SD-2	11+99.00 RT																																					
SD-2	11+99.00 RT	13+00 RT	112'																																			
SD-2	11+99.00 RT	11+90.00 RT	20'																																			
SD-3	13+00 RT																																					
SD-3	14+81.92 RT																																					
SD-3	14+81.92 RT	15+72.47 RT	88'																																			
SD-3	15+72.47 RT																																					
SD-4	19+69.97 RT																																					
SD-4	19+69.97 RT																																					
SD-4	19+69.97 LT	19+69.97 LT	12'																																			
SD-4	19+65.63 LT																																					
SD-4	20+00 LT																																					
SD-4	19+65.63 LT	20+00 LT	36'																																			
SD-4	19+69.97 RT	22+01.47 RT	238'																																			
SD-4	22+01.47 RT																																					
SD-4	21+20.54 IT																																					
SD-4	22+00.00 LT																																					
SD-4	21+20.54 LT	22+00.00 LT	80'																																			
SD-4	24+30 RT																																					
SD-4	24+36.79 RT																																					
SD-4	24+36.79 RT																																					
SD-5	29+03.79 RT																																					
SD-5	30+73.19 RT																																					
SD-5	29+03.79 RT	30+73.19 RT	180'																																			
SD-6	33+08.24 RT																																					
SD-6	33+88.96 RT																																					
SD-6	33+08.24 RT	33+88.96 RT	76'																																			
PP-1	12+00																																					



LEGEND

- SF-SF- TEMPORARY SILT FENCE REQ'D
- ▣ TEMPORARY HAY BALE EROSION CHECK REQ'D

REFERENCE POINT COORDINATE CHART		
PT#	NORTHING	EASTING
1	N 3160.5077	E 11855.2104
2	N 3244.7037	E 11539.5448
3	N 3205.5460	E 11478.0938
4	N 3251.7867	E 11498.0171

BASELINE ALIGNMENT DATA (OLD AGENCY ROAD)

Desc.	Station	Curve Data	Northing	Easting
PI	0+00		3223.9970	10426.7963
Length: 1051.46 Course: S 88-59-40 E				
PC	10+51.46		3205.5460	11478.0938
PI	12+42.34		3202.1965	11668.9415
PT	14+31.91		3160.5077	11855.2104
Delta: 11-36-36 Type: RIGHT				
Radius: 1877.52 DOC: 03-03-06				
Length: 380.45 Tangent: 190.88				
Length: 372.60 Course: S 77-23-04 E				
PI	18+04.51		3079.1289	12218.8166

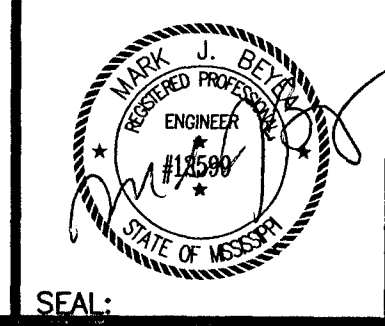
- NOTES:**
1. SAW CUT CURB AND GUTTER. INSTALL 1/2" EXPANSION JOINT.
 2. REMOVE EX. CURB AND GUTTER BETWEEN ARROWS.
 3. ADJUST EX. SAN. SEWER MANHOLE TO BE FLUSH WITH PROPOSED PAVEMENT SURFACES. SEE GENERAL NOTES. (PAY ITEM 613-D-2)
 4. CONVERT EX. CURB INLET TO JUNCTION BOX. SEE DETAILS, SHT WK. NO. D-2 (PAY ITEM 613-D-1)
 5. SOUTH ACCESS DRIVE BEYOND STA. 11+55.22 BY OTHERS.

NOTICE TO DRAWING HOLDER
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REVISIONS		
NO.	DATE	DESCRIPTION
1	2-16/07	NS DELETED SOUTH ACCESS DR.

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734SITDIMREV21507.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN: M.J.B.	DATE: 05/30/06
DRWN: M.A.L.	DATE: 05/30/06
CHKD:	DATE:
QA/QC:	DATE:

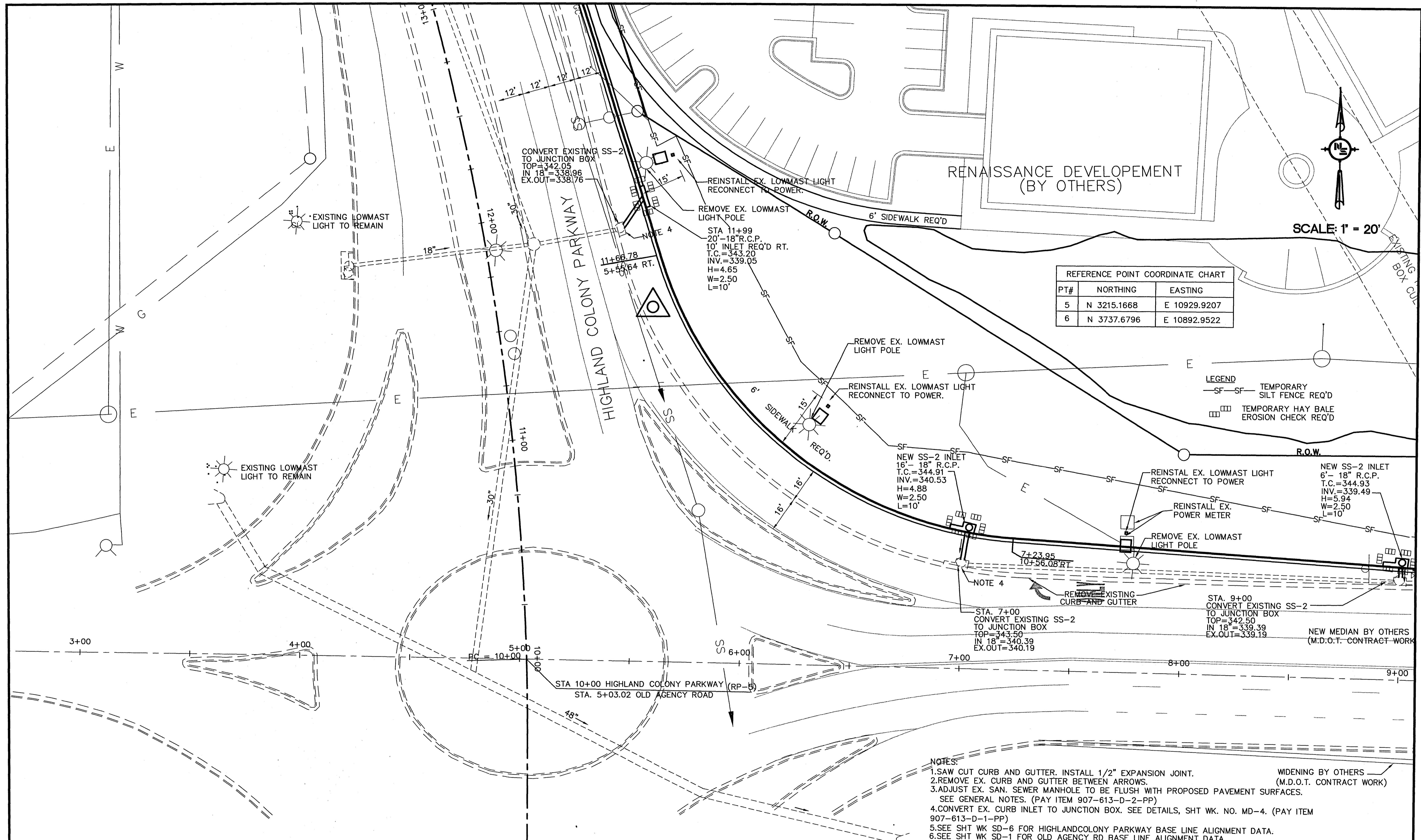
**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



NEEL-SCHAFFER
 Solutions you can build upon
 1230 HWY 51
 Madison, MS 39110
 PH: (601)898-8118 / FAX: (601)898-2460

**OLD AGENCY ROAD
 SITE DIMENSIONS**

WORKING NUMBER: SD-1
 DRAWING NUMBER: 8



REFERENCE POINT COORDINATE CHART

PT#	NORTHING	EASTING
5	N 3215.1668	E 10929.9207
6	N 3737.6796	E 10892.9522

LEGEND

-SF-SF-	TEMPORARY SILT FENCE REQ'D
	TEMPORARY HAY BALE EROSION CHECK REQ'D

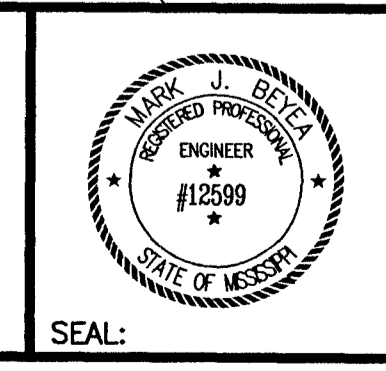
- NOTES:
- 1.SAW CUT CURB AND GUTTER. INSTALL 1/2" EXPANSION JOINT.
 - 2.REMOVE EX. CURB AND GUTTER BETWEEN ARROWS. (WIDENING BY OTHERS (M.D.O.T. CONTRACT WORK))
 - 3.ADJUST EX. SAN. SEWER MANHOLE TO BE FLUSH WITH PROPOSED PAVEMENT SURFACES. SEE GENERAL NOTES. (PAY ITEM 907-613-D-2-PP)
 - 4.CONVERT EX. CURB INLET TO JUNCTION BOX. SEE DETAILS, SHT WK. NO. MD-4. (PAY ITEM 907-613-D-1-PP)
 - 5.SEE SHT WK SD-6 FOR HIGHLANDCOLONY PARKWAY BASE LINE ALIGNMENT DATA.
 - 6.SEE SHT WK SD-1 FOR OLD AGENCY RD BASE LINE ALIGNMENT DATA.

NOTICE TO DRAWING HOLDER
 NEEL-SCHAFFER, INC., HEREAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.090
FILENAME:	5734SDIM.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	M.J.B. DATE: 05/30/06
DRWN:	M.A.L. DATE: 05/30/06
CHKD:	
QA/QC:	

**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



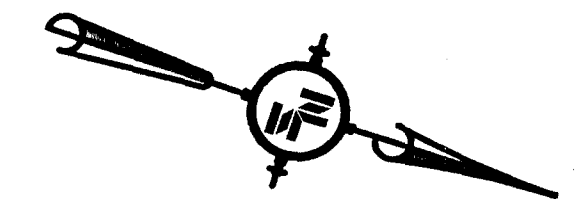
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 Madison, MS 39110
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OLD AGENCY ROAD AND HIGHLAND COLONY PARKWAY SITE DIMENSION SHEET	
WORKING NUMBER: SD-2	DRAWING NUMBER: 9

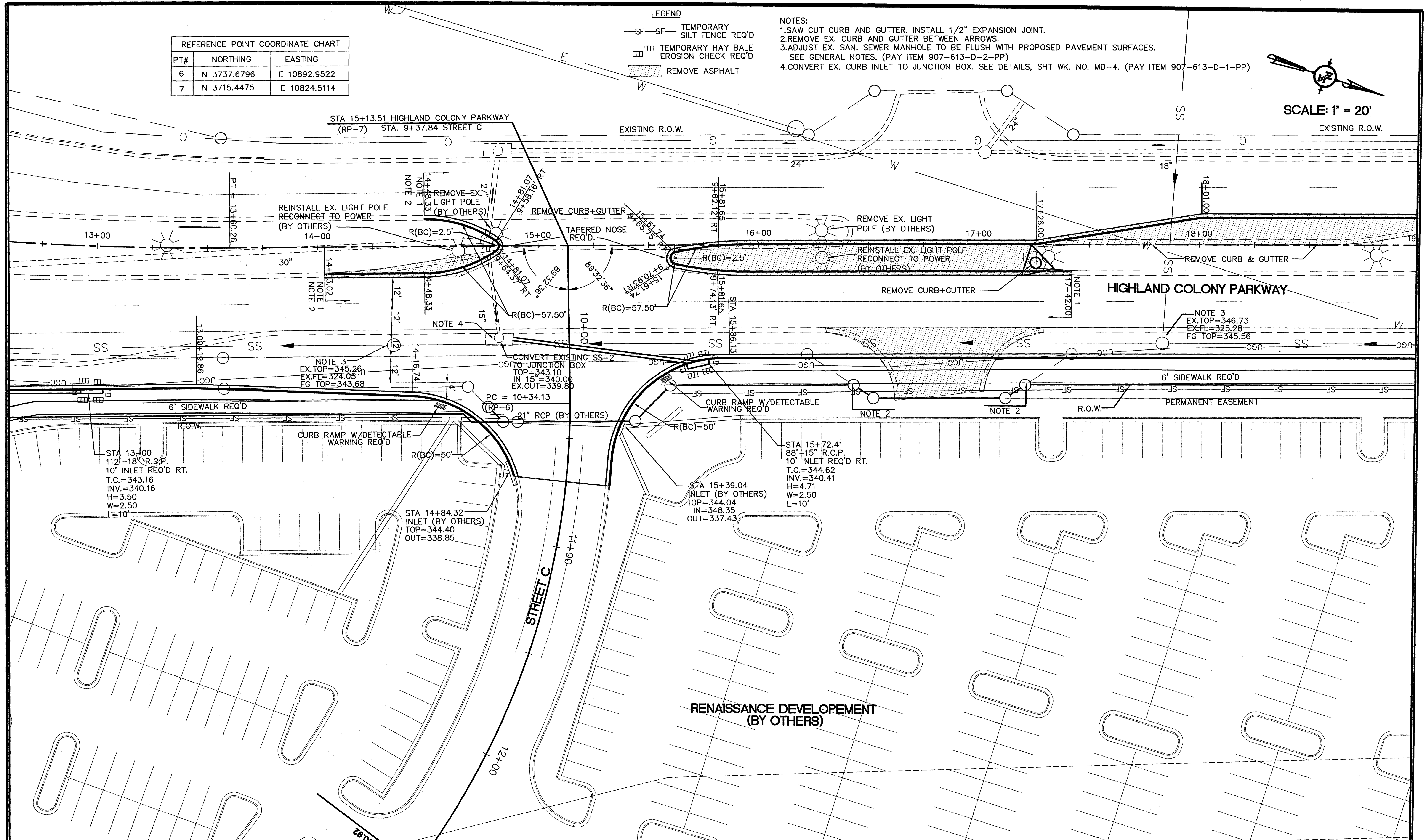
PT#	NORTHING	EASTING
6	N 3737.6796	E 10892.9522
7	N 3715.4475	E 10824.5114

- LEGEND**
- SF-SF- TEMPORARY SILT FENCE REQ'D
 - ▤ TEMPORARY HAY BALE EROSION CHECK REQ'D
 - ▨ REMOVE ASPHALT

- NOTES:**
1. SAW CUT CURB AND GUTTER. INSTALL 1/2" EXPANSION JOINT.
 2. REMOVE EX. CURB AND GUTTER BETWEEN ARROWS.
 3. ADJUST EX. SAN. SEWER MANHOLE TO BE FLUSH WITH PROPOSED PAVEMENT SURFACES. SEE GENERAL NOTES. (PAY ITEM 907-613-D-2-PP)
 4. CONVERT EX. CURB INLET TO JUNCTION BOX. SEE DETAILS, SHT WK. NO. MD-4. (PAY ITEM 907-613-D-1-PP)



SCALE: 1" = 20'
EXISTING R.O.W.

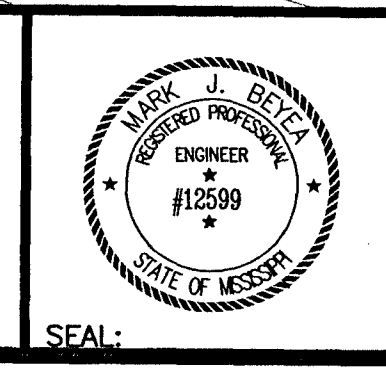


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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734SITDIM.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	M.J.B. DATE: 05/30/06
DRWN:	M.A.L. DATE: 05/30/06
CHKD:	
QA/QC:	

**RENAISSANCE AT COLONY PARKWAY
ROADWAY IMPROVEMENTS
RIDGELAND, MISSISSIPPI
N.S. ACCOUNT NO. 05734.050**

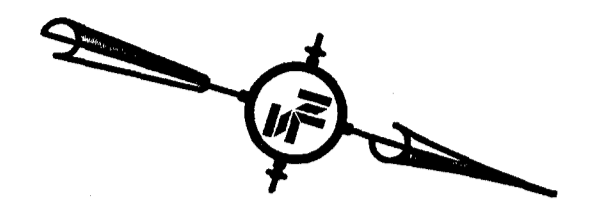


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HIGHLAND COLONY PARKWAY SITE DIMENSIONS SHEET	
WORKING NUMBER: SD-3	DRAWING NUMBER: 10

- NOTES:
- 1.SAW CUT CURB AND GUTTER. INSTALL 1/2" EXPANSION JOINT.
 - 2.REMOVE EX. CURB AND GUTTER BETWEEN ARROWS.
 - 3.ADJUST EX. SAN. SEWER MANHOLE TO BE FLUSH WITH PROPOSED PAVEMENT SURFACES. SEE GENERAL NOTES. (PAY ITEM 613-D-2)
 - 4.CONVERT EX. CURB INLET TO JUNCTION BOX. SEE DETAILS, SHT WK. NO. D-2. (PAY ITEM 613-D-1)
 - 5.SEE SHT WK SD-6 FOR HIGHLAND COLONY PARKWAY BASE LINE ALIGNMENT DATA.

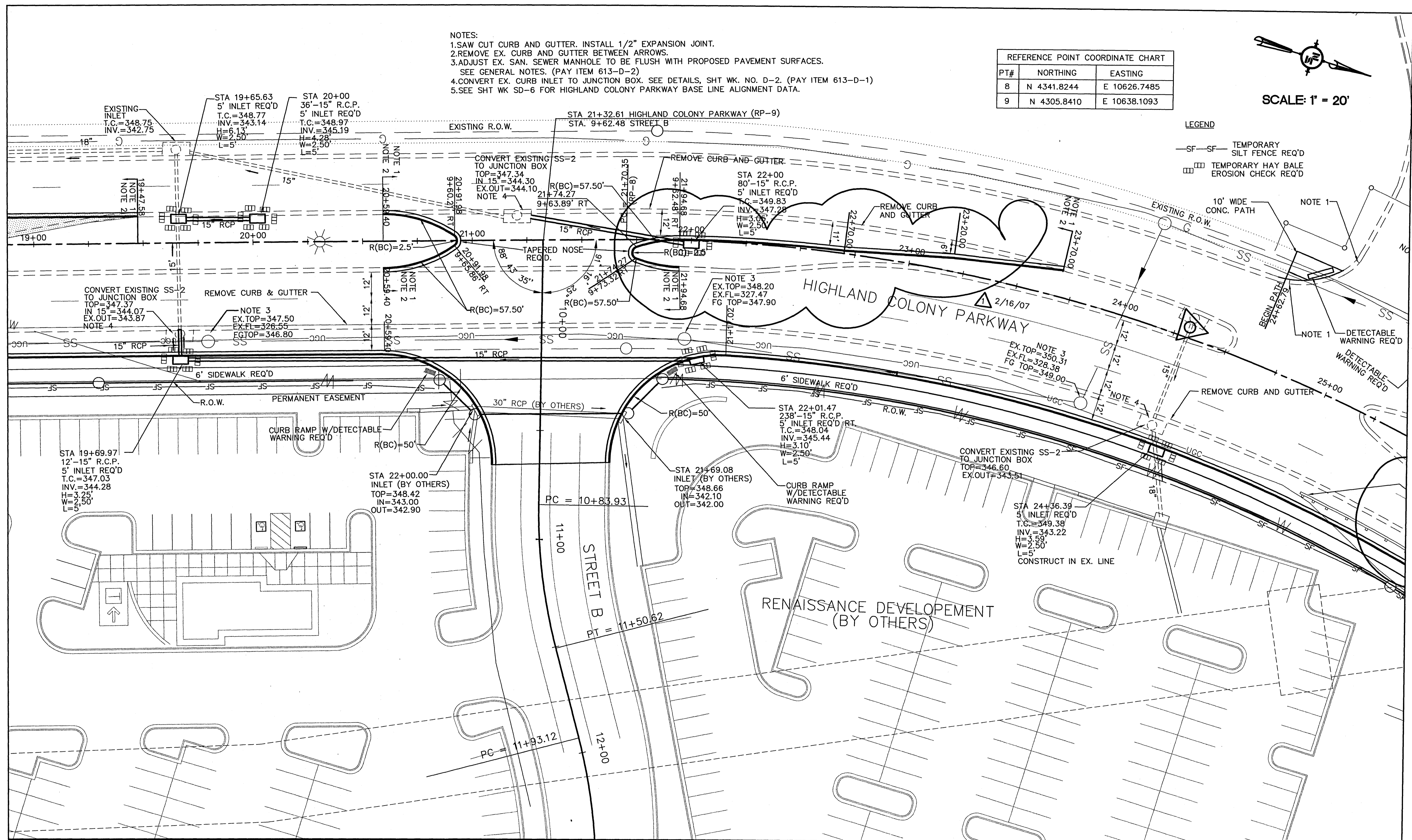
REFERENCE POINT COORDINATE CHART		
PT#	NORTHING	EASTING
8	N 4341.8244	E 10626.7485
9	N 4305.8410	E 10638.1093



SCALE: 1" = 20'

LEGEND

- SF-SF- TEMPORARY SILT FENCE REQ'D
- ▣ TEMPORARY HAY BALE EROSION CHECK REQ'D

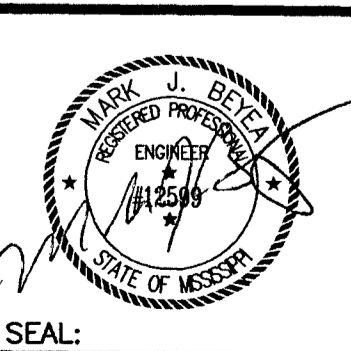


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REVISIONS		
NO.	DATE	DESCRIPTION
1	2-16/07	REVISED MEDIAN

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734SITDIMREVREV21507.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	M.J.B. DATE: 05/30/06
DRWN:	M.A.L. DATE: 05/30/06
CHKD:	
QA/QC:	

**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



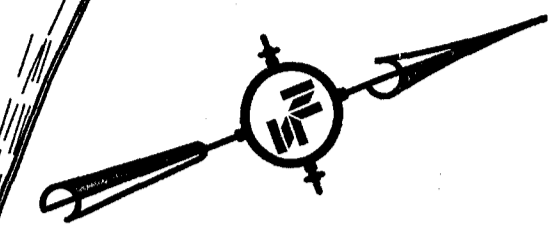
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HIGHLAND COLONY PARKWAY SITE DIMENSION SHEET	
WORKING NUMBER: SD-4	DRAWING NUMBER: 11

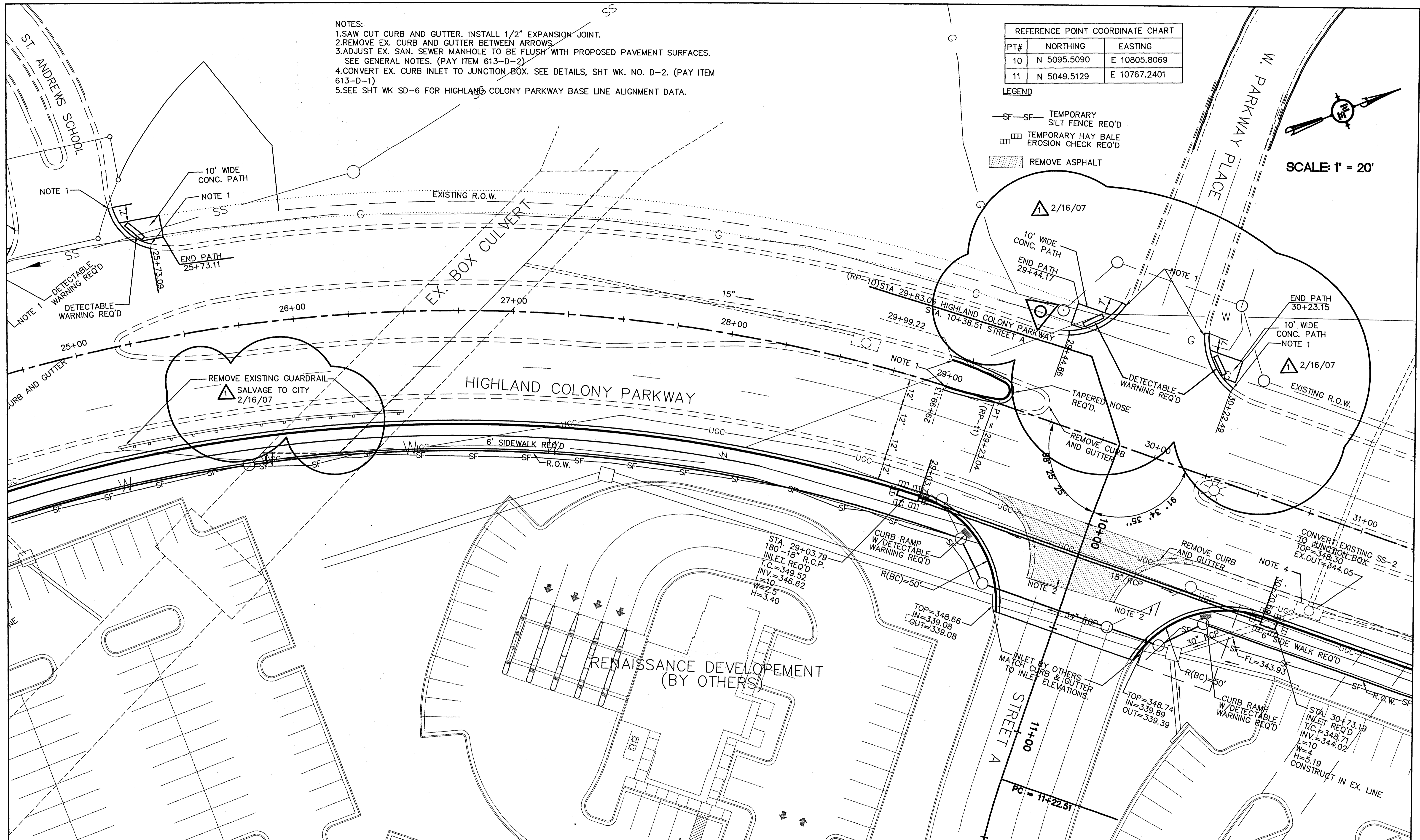
- NOTES:
 1.SAW CUT CURB AND GUTTER. INSTALL 1/2" EXPANSION JOINT.
 2.REMOVE EX. CURB AND GUTTER BETWEEN ARROWS.
 3.ADJUST EX. SAN. SEWER MANHOLE TO BE FLUSH WITH PROPOSED PAVEMENT SURFACES. SEE GENERAL NOTES. (PAY ITEM 613-D-2)
 4.CONVERT EX. CURB INLET TO JUNCTION BOX. SEE DETAILS, SHT WK. NO. D-2. (PAY ITEM 613-D-1)
 5.SEE SHT WK SD-6 FOR HIGHLAND COLONY PARKWAY BASE LINE ALIGNMENT DATA.

PT#	NORTHING	EASTING
10	N 5095.5090	E 10805.8069
11	N 5049.5129	E 10767.2401

- LEGEND
- SF-SF- TEMPORARY SILT FENCE REQ'D
 - ▤ TEMPORARY HAY BALE EROSION CHECK REQ'D
 - ▨ REMOVE ASPHALT



SCALE: 1" = 20'

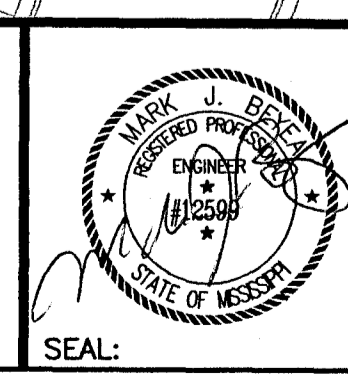


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REVISIONS		
NO.	DATE	DESCRIPTION
1	2/16/07	NS ADDED NOTES & CURB RAMP

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734SDIMREV21507.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	M.J.B. DATE: 05/30/06
DRWN:	M.A.L. DATE: 05/30/06
CHKD:	DATE:
QA/QC:	DATE:

**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



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HIGHLAND COLONY PARKWAY SITE DIMENSION SHEET	
WORKING NUMBER: SD-5	DRAWING NUMBER: 12

T:\Renaissance at Colony Parkway Roadways\5734SDIMREV21507.dwg, 2/22/2007 9:20:49 AM

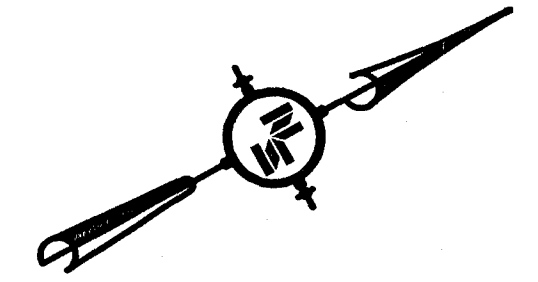
REFERENCE POINT COORDINATE CHART		
PT#	NORTHING	EASTING
12	N 5455.5690	E 11107.7101

BASELINE ALIGNMENT DATA (HIGHLAND COLONY)

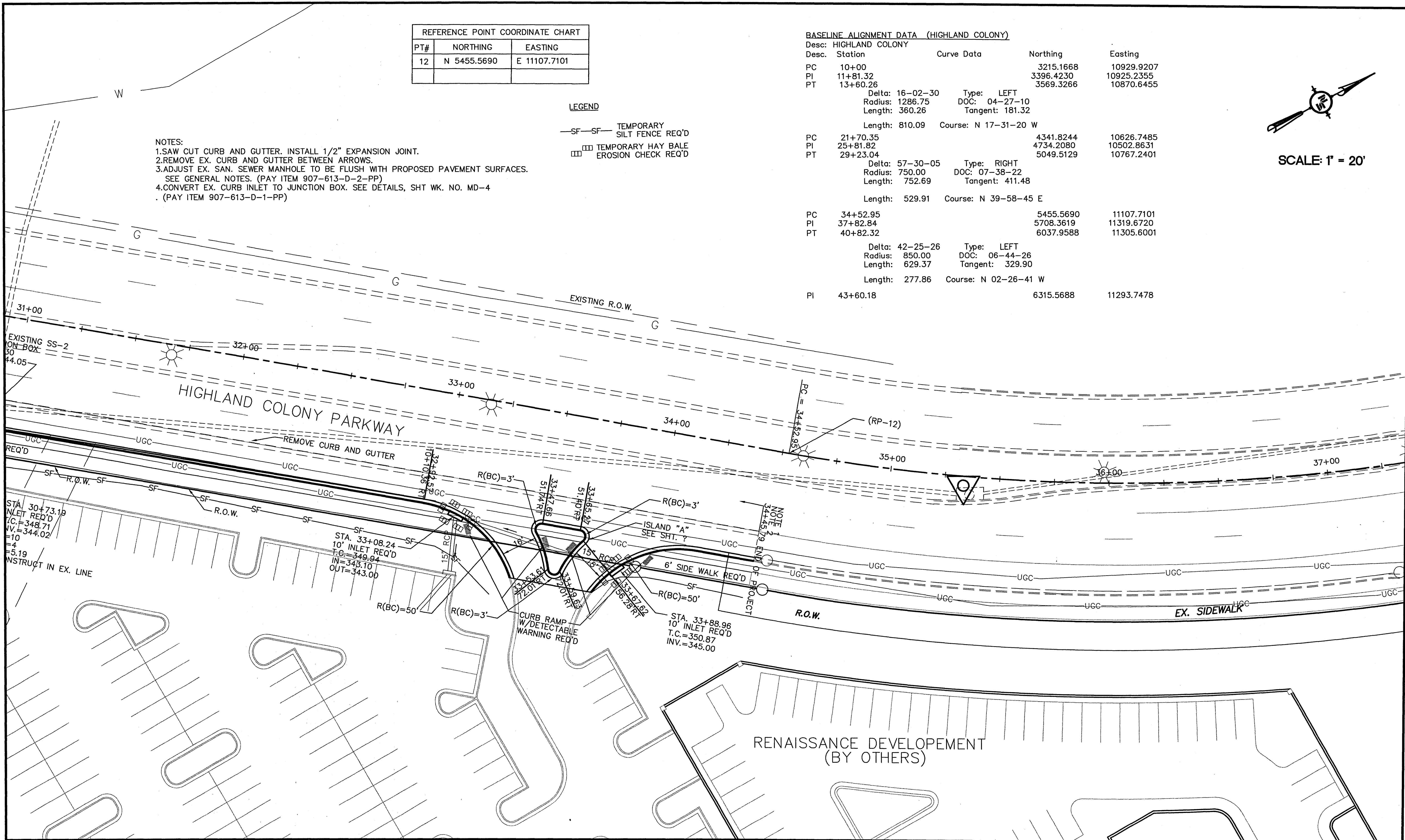
Desc.	Station	Curve Data	Northing	Easting
PC	10+00		3215.1668	10929.9207
PI	11+81.32		3396.4230	10925.2355
PT	13+60.26		3569.3266	10870.6455
Delta: 16-02-30 Type: LEFT				
Radius: 1286.75 DOC: 04-27-10				
Length: 360.26 Tangent: 181.32				
Length: 810.09 Course: N 17-31-20 W				
PC	21+70.35		4341.8244	10626.7485
PI	25+81.82		4734.2080	10502.8631
PT	29+23.04		5049.5129	10767.2401
Delta: 57-30-05 Type: RIGHT				
Radius: 750.00 DOC: 07-38-22				
Length: 752.69 Tangent: 411.48				
Length: 529.91 Course: N 39-58-45 E				
PC	34+52.95		5455.5690	11107.7101
PI	37+82.84		5708.3619	11319.6720
PT	40+82.32		6037.9588	11305.6001
Delta: 42-25-26 Type: LEFT				
Radius: 850.00 DOC: 06-44-26				
Length: 629.37 Tangent: 329.90				
Length: 277.86 Course: N 02-26-41 W				
PI	43+60.18		6315.5688	11293.7478

- LEGEND**
- SF-SF- TEMPORARY SILT FENCE REQ'D
 - TEMPORARY HAY BALE EROSION CHECK REQ'D

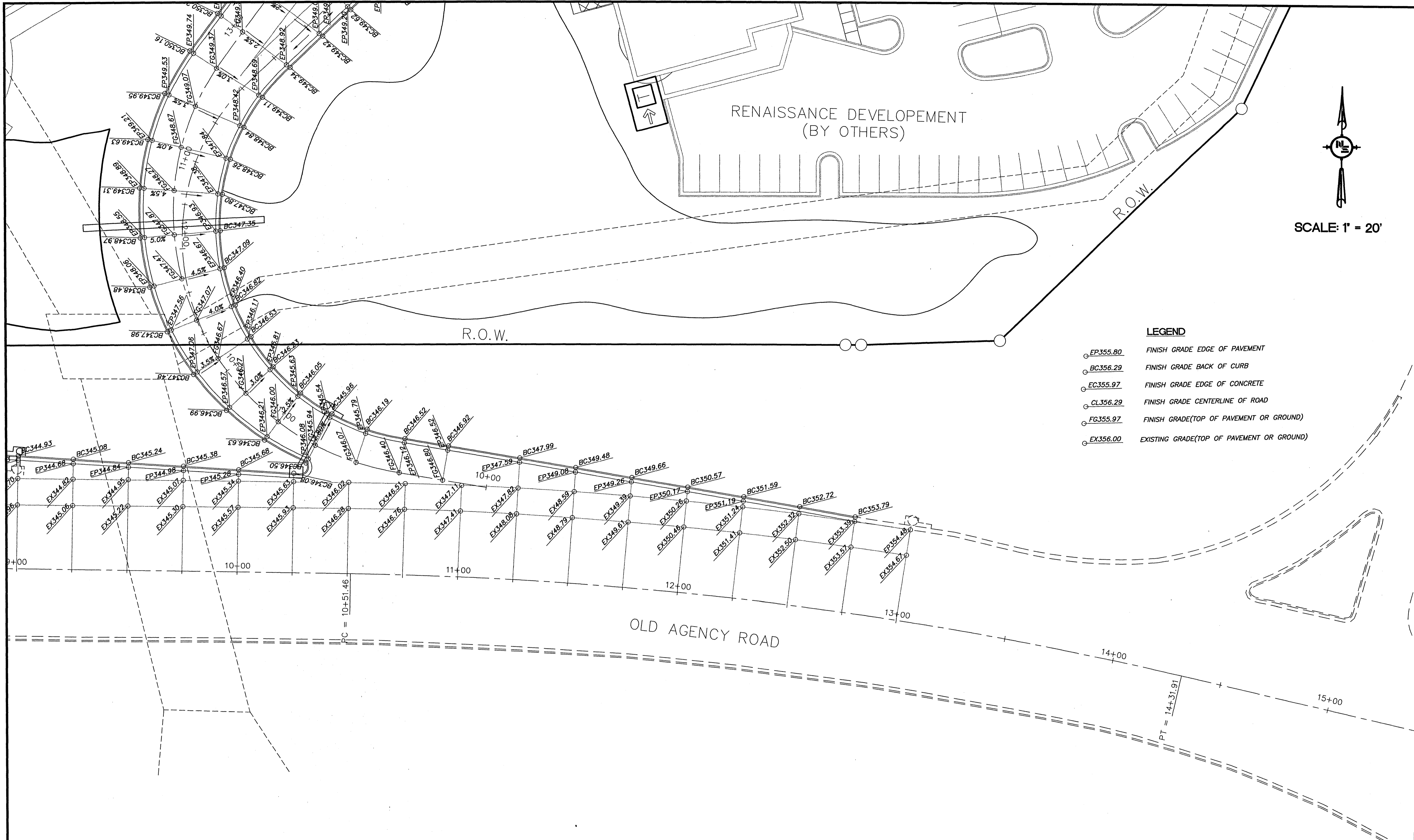
- NOTES:**
- 1.SAW CUT CURB AND GUTTER. INSTALL 1/2" EXPANSION JOINT.
 - 2.REMOVE EX. CURB AND GUTTER BETWEEN ARROWS.
 - 3.ADJUST EX. SAN. SEWER MANHOLE TO BE FLUSH WITH PROPOSED PAVEMENT SURFACES. SEE GENERAL NOTES. (PAY ITEM 907-613-D-2-PP)
 - 4.CONVERT EX. CURB INLET TO JUNCTION BOX. SEE DETAILS, SHT WK. NO. MD-4 . (PAY ITEM 907-613-D-1-PP)



SCALE: 1" = 20'

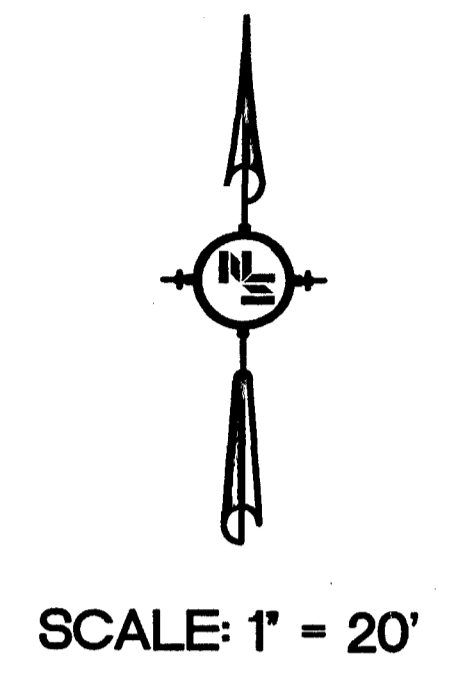


<p>NOTICE TO DRAWING HOLDER</p> <p>NEEL-SCHAFFER, INC., HERINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	BY	DESCRIPTION					<p>DRAWING INFORMATION</p> <p>N-S PROJECT NO.: 05734.050 FILENAME: 5734SDIM.DWG CADD TYPE: Autocad 2002 SURVEYED BY: DSGN: M.J.B. DATE: 05/30/06 DRWN: M.A.L. DATE: 05/30/06 CHKD: DATE: QA/QC: DATE:</p>	<p>HIGHLAND COLONY PARKWAY AT OLD AGENCY ROAD RIDGELAND, MISSISSIPPI N.S. ACCOUNT NO. 05734.050</p>		<p>NEEL-SCHAFFER <i>Solutions you can build upon</i></p> <p>1230 HWY 51 Madison, MS 39110 PH: (601)898-8118 / FAX: (601)898-2480</p>	<p>HIGHLAND COLONY PARKWAY SITE DIMENSION SHEET</p> <p>WORKING NUMBER: SD-6</p> <p>DRAWING NUMBER: 13</p>
NO.	DATE	BY	DESCRIPTION											



LEGEND

- EP355.80 FINISH GRADE EDGE OF PAVEMENT
- BC356.29 FINISH GRADE BACK OF CURB
- EC355.97 FINISH GRADE EDGE OF CONCRETE
- CL356.29 FINISH GRADE CENTERLINE OF ROAD
- FG355.97 FINISH GRADE(TOP OF PAVEMENT OR GROUND)
- EX356.00 EXISTING GRADE(TOP OF PAVEMENT OR GROUND)

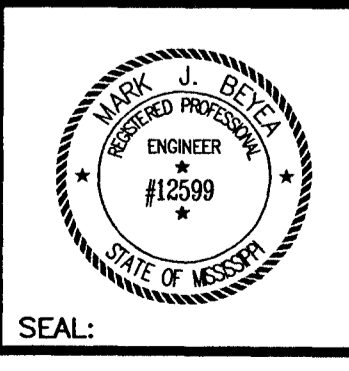


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REVISIONS			
NO.	DATE	BY	DESCRIPTION

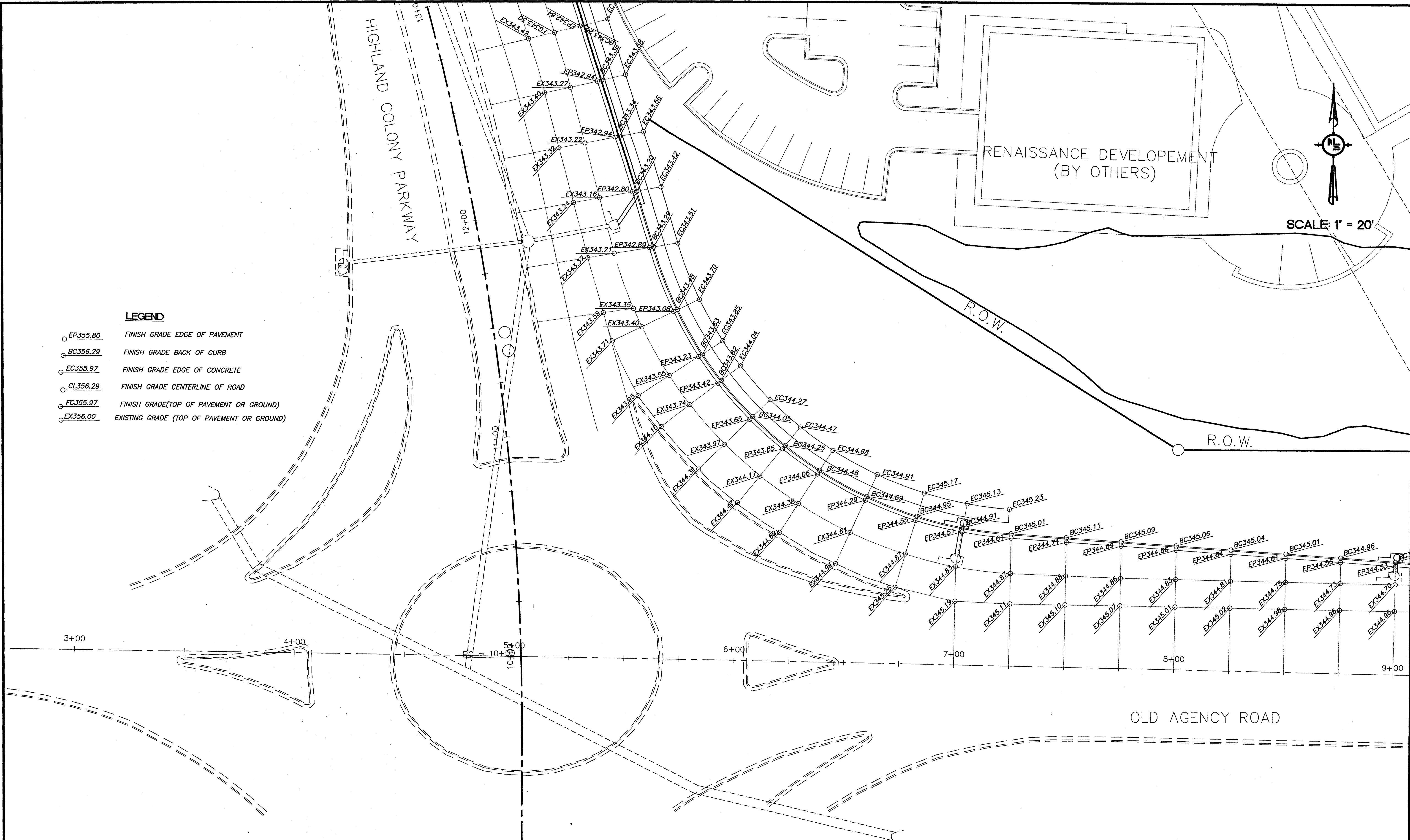
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FILENAME:	5734GRADING.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN: M.J.B.	DATE: 05/30/06
DRWN: M.A.L.	DATE: 05/30/06
CHKD:	DATE:
QA/QC:	DATE:

**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



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OLD AGENCY ROAD GRADING SHEET	
WORKING NUMBER: GP-1	DRAWING NUMBER: 14



LEGEND

- EP355.80 FINISH GRADE EDGE OF PAVEMENT
- BC356.29 FINISH GRADE BACK OF CURB
- EC355.97 FINISH GRADE EDGE OF CONCRETE
- CL356.29 FINISH GRADE CENTERLINE OF ROAD
- FC355.97 FINISH GRADE (TOP OF PAVEMENT OR GROUND)
- EX356.00 EXISTING GRADE (TOP OF PAVEMENT OR GROUND)

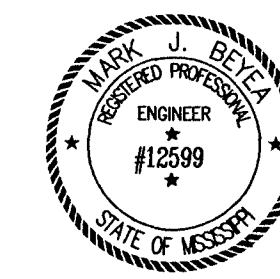
NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734GRADING.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN: M.J.B.	DATE: 05/30/06
DRWN: M.A.L.	DATE: 05/30/06
CHKD:	DATE:
QA/QC:	DATE:

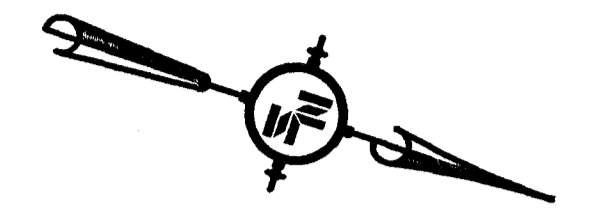
**RENAISSANCE AT COLONY PARKWAY
ROADWAY IMPROVEMENTS
RIDGELAND, MISSISSIPPI
N.S. ACCOUNT NO. 05734.050**



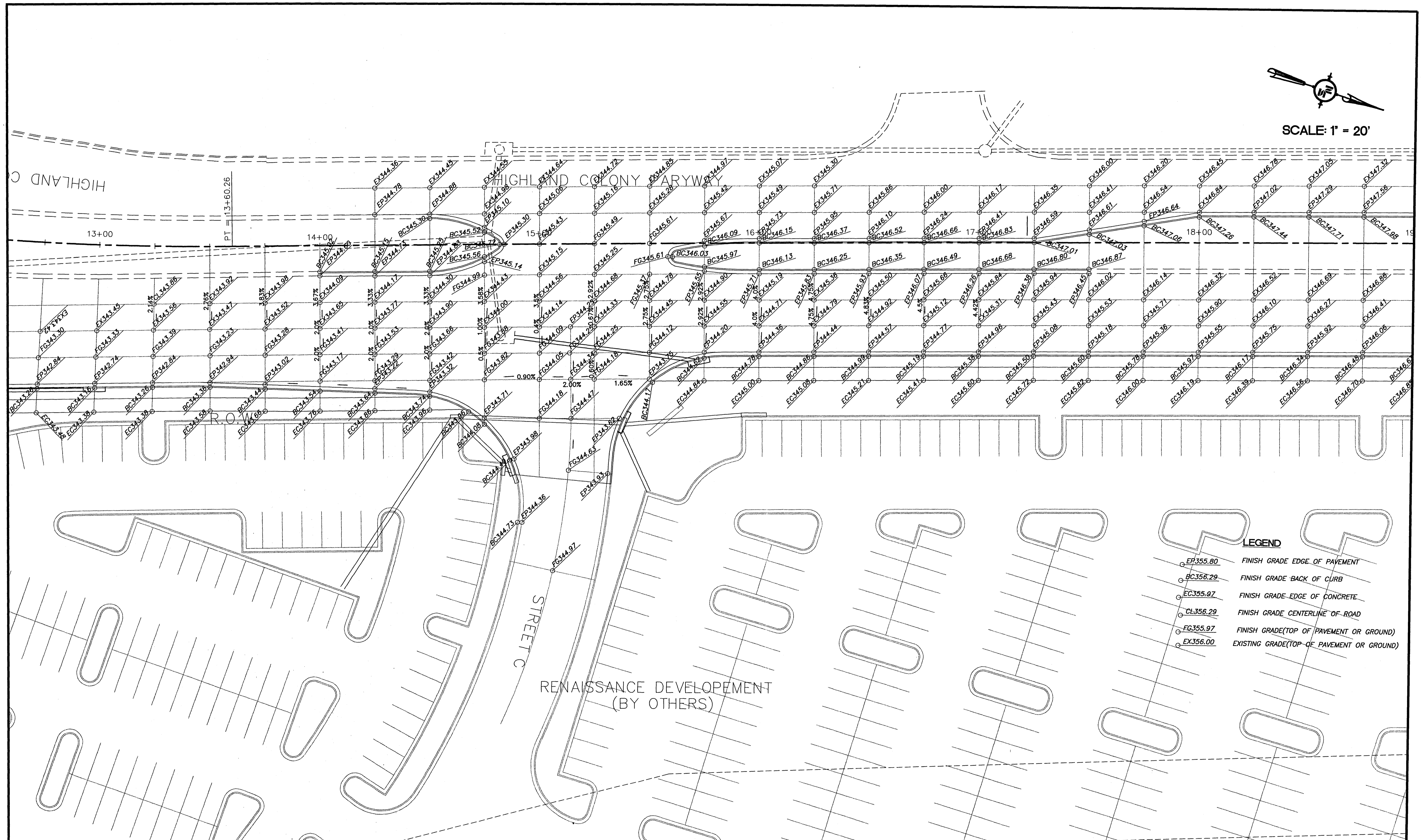
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**OLD AGENCY ROAD AND
HIGHLAND COLONY PARKWAY
GRADING SHEET**

WORKING NUMBER: GP-2	DRAWING NUMBER: 15
-------------------------	-----------------------



SCALE: 1" = 20'



LEGEND

- EP355.80 FINISH GRADE EDGE OF PAVEMENT
- BC356.29 FINISH GRADE BACK OF CURB
- EC355.97 FINISH GRADE EDGE OF CONCRETE
- CL356.29 FINISH GRADE CENTERLINE OF ROAD
- FG355.97 FINISH GRADE (TOP OF PAVEMENT OR GROUND)
- EX356.00 EXISTING GRADE (TOP OF PAVEMENT OR GROUND)

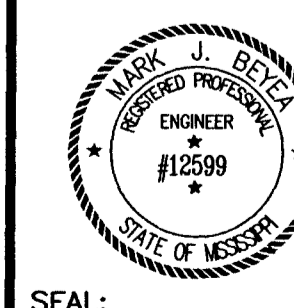
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NO.	DATE	BY	REVISIONS DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734GRADING.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	M.J.B. DATE: 05/30/06
DRWN:	M.A.L. DATE: 05/30/06
CHKD:	DATE:
QA/QC:	DATE:

**RENAISSANCE AT COLONY PARKWAY
ROADWAY IMPROVEMENTS
RIDGELAND, MISSISSIPPI
N.S. ACCOUNT NO. 05734.050**



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Madison, MS 39110
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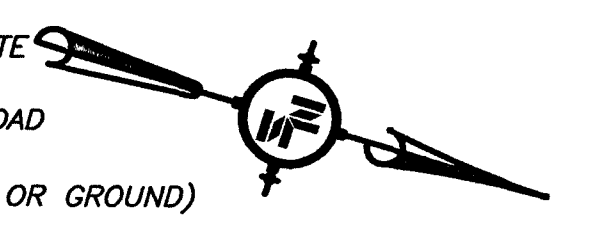
**HIGHLAND COLONY PARKWAY
GRADING SHEET**

WORKING NUMBER:
GP-3

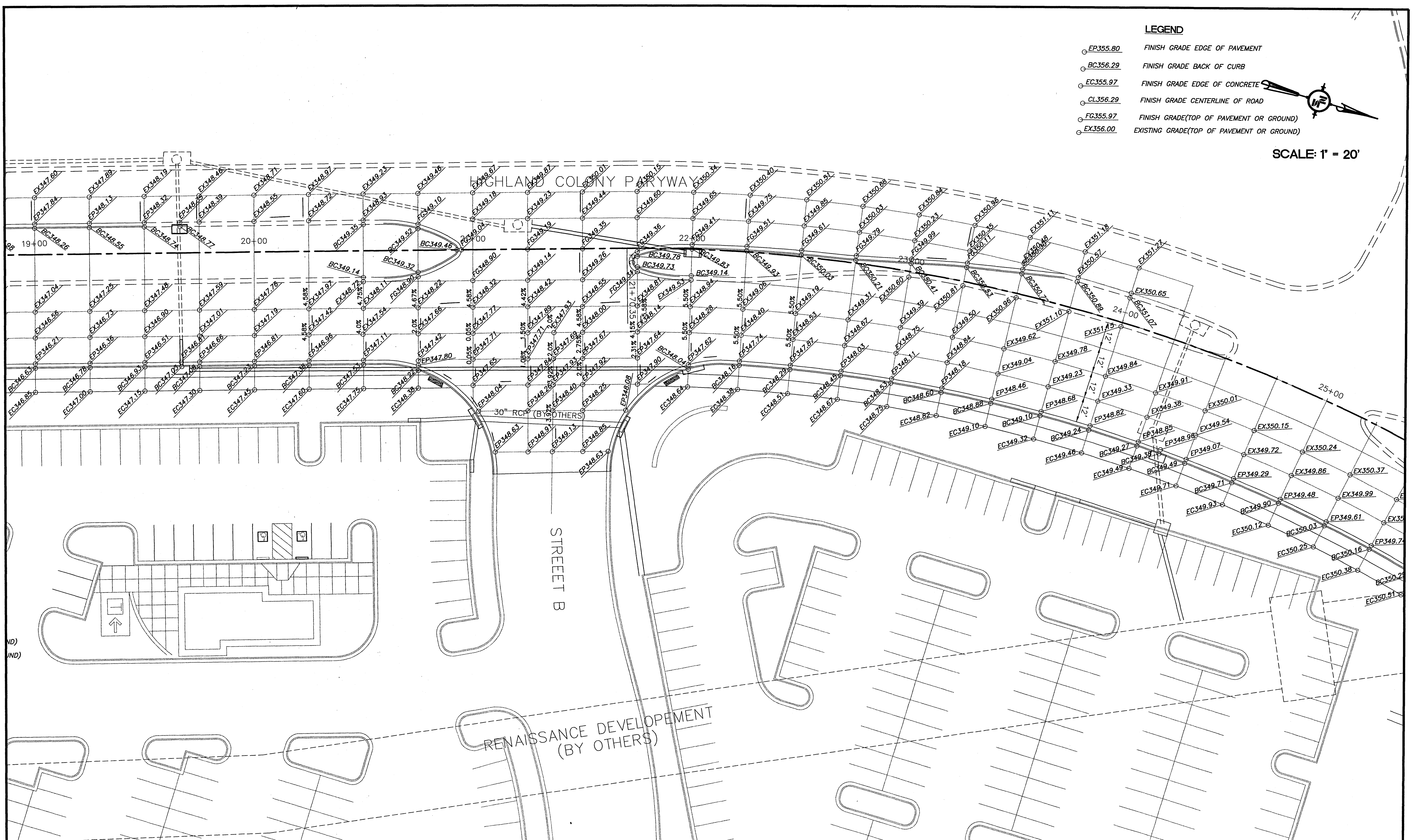
DRAWING NUMBER:
16

LEGEND

- EP355.80 FINISH GRADE EDGE OF PAVEMENT
- BC356.29 FINISH GRADE BACK OF CURB
- EC355.97 FINISH GRADE EDGE OF CONCRETE
- CL356.29 FINISH GRADE CENTERLINE OF ROAD
- FG355.97 FINISH GRADE(TOP OF PAVEMENT OR GROUND)
- EX356.00 EXISTING GRADE(TOP OF PAVEMENT OR GROUND)



SCALE: 1" = 20'

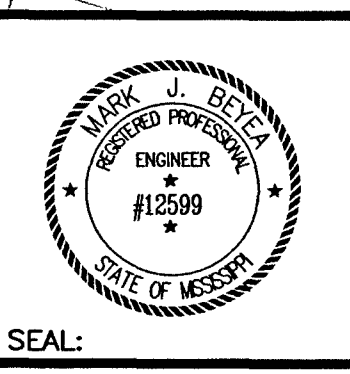


NOTICE TO DRAWING HOLDER
 NEEL-SCHAFFER, INC., HERINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734GRADING.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN: M.J.B.	DATE: 05/30/06
DRWN: M.A.L.	DATE: 05/30/06
CHKD: DATE:	
QA/QC: DATE:	

**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



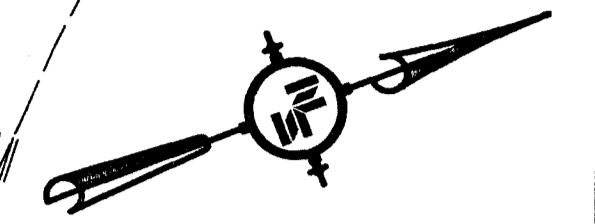
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 Madison, MS 39110
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HIGHLAND COLONY PARKWAY GRADING SHEET	
WORKING NUMBER: GP-4	DRAWING NUMBER: 17

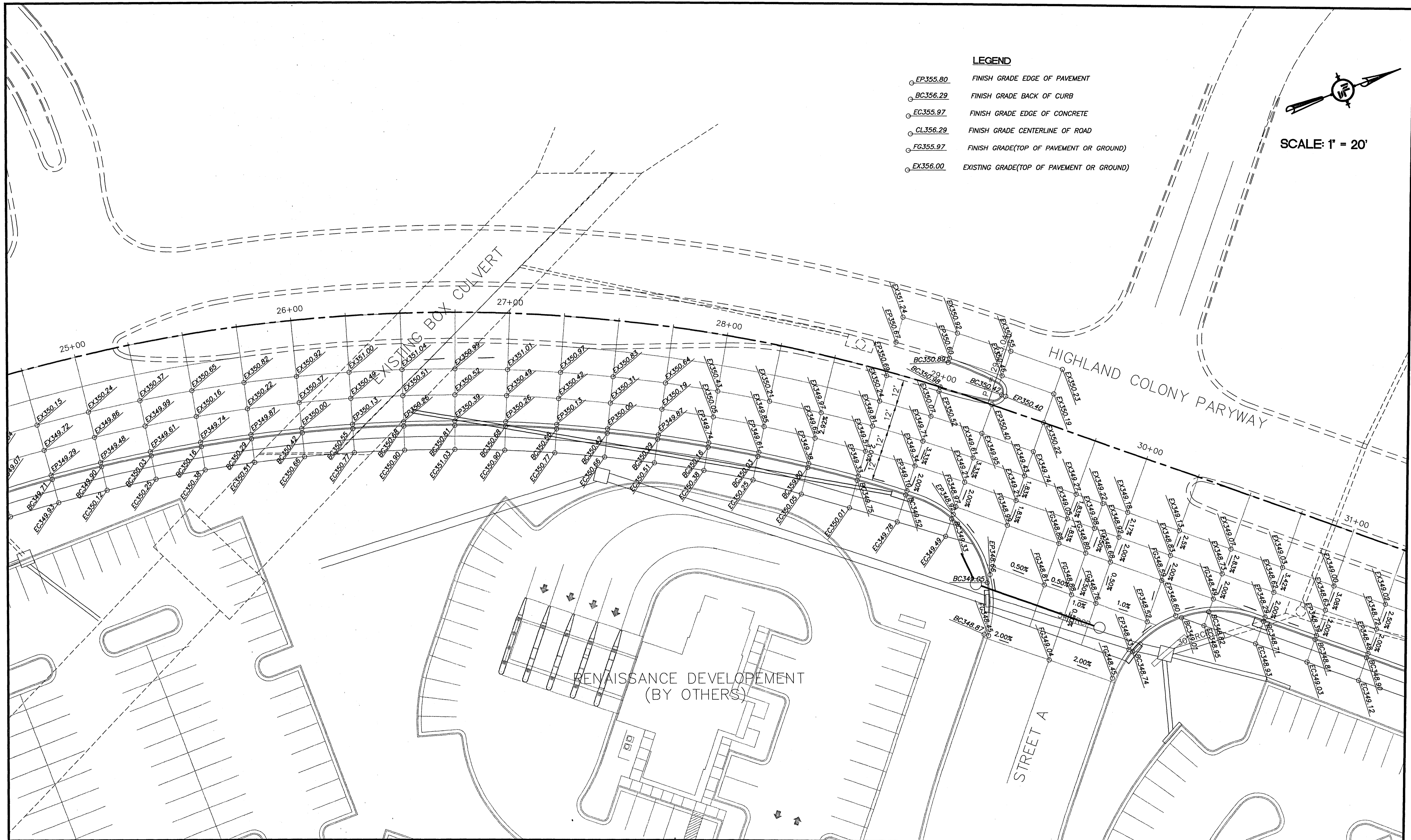
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LEGEND


- EP355.80 FINISH GRADE EDGE OF PAVEMENT
- BC356.29 FINISH GRADE BACK OF CURB
- EC355.97 FINISH GRADE EDGE OF CONCRETE
- CL356.29 FINISH GRADE CENTERLINE OF ROAD
- FG355.97 FINISH GRADE(TOP OF PAVEMENT OR GROUND)
- EX356.00 EXISTING GRADE(TOP OF PAVEMENT OR GROUND)



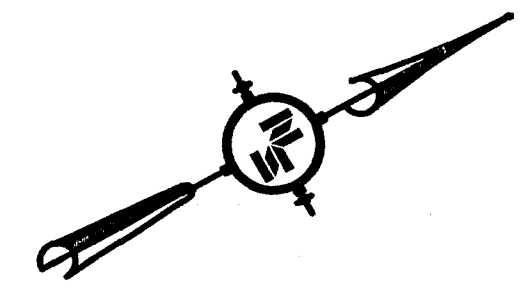
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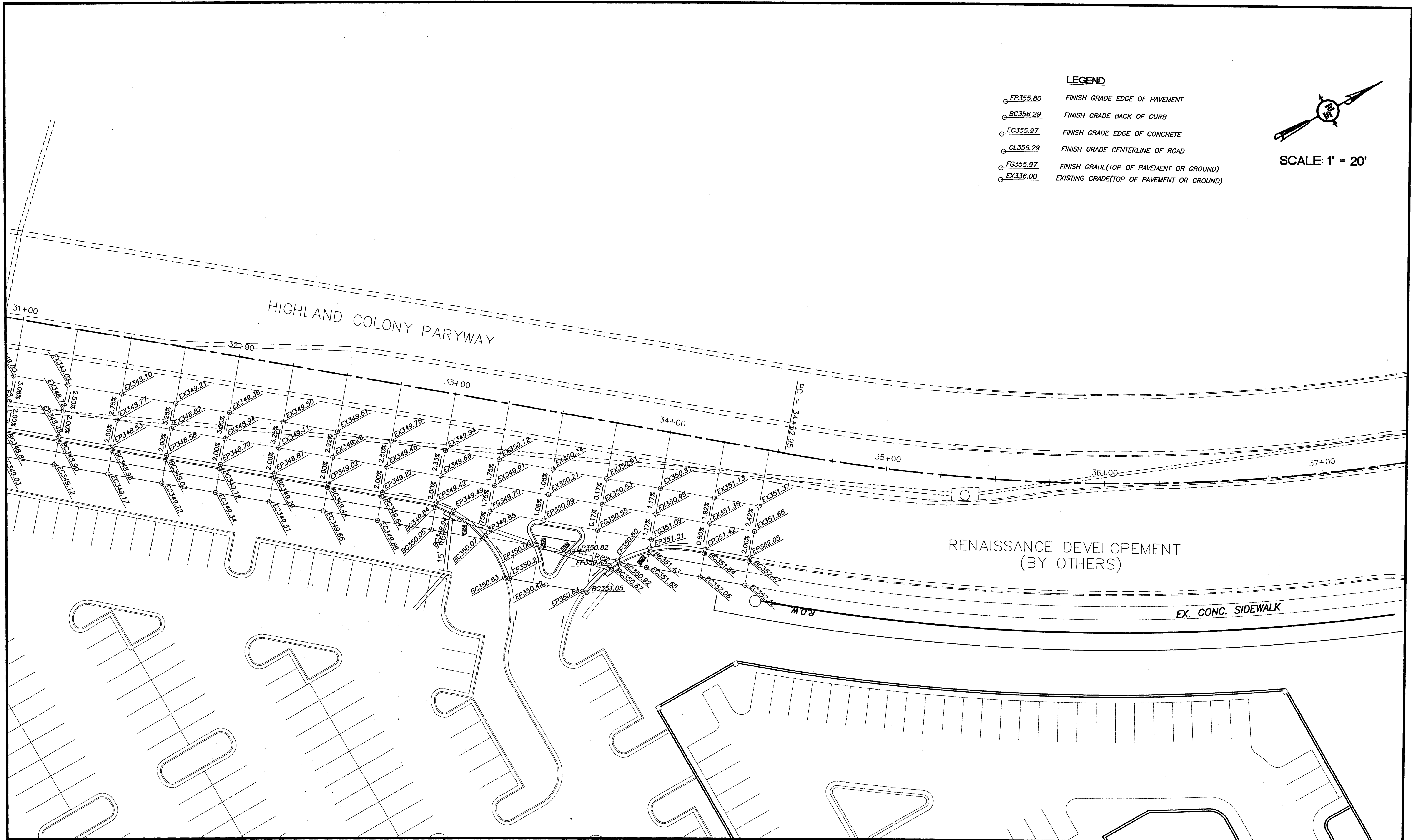
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NO.	DATE	BY	DESCRIPTION																														
				WORKING NUMBER: GP-5		DRAWING NUMBER: 18																											

- LEGEND**
- EP355.80 FINISH GRADE EDGE OF PAVEMENT
 - BC356.29 FINISH GRADE BACK OF CURB
 - EC355.97 FINISH GRADE EDGE OF CONCRETE
 - CL356.29 FINISH GRADE CENTERLINE OF ROAD
 - FG355.97 FINISH GRADE(TOP OF PAVEMENT OR GROUND)
 - EX336.00 EXISTING GRADE(TOP OF PAVEMENT OR GROUND)



SCALE: 1" = 20'



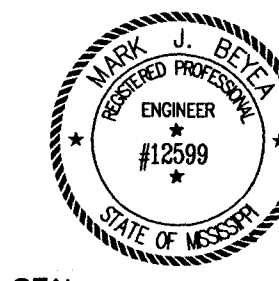
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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734GRADING.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	M.J.B. DATE: 05/30/06
DRWN:	M.A.L. DATE: 05/30/06
CHKD:	
QA/QC:	

**RENAISSANCE AT COLONY PARKWAY
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N.S. ACCOUNT NO. 05734.050**



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**HIGHLAND COLONY PARKWAY
GRADING SHEET**

WORKING NUMBER:
GP-6

DRAWING NUMBER:
19

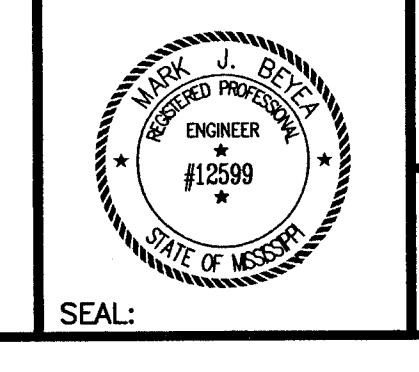


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DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734GRADING.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
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DRWN:	M.A.L. DATE: 05/30/06
CHKD:	DATE:
QA/QC:	DATE:

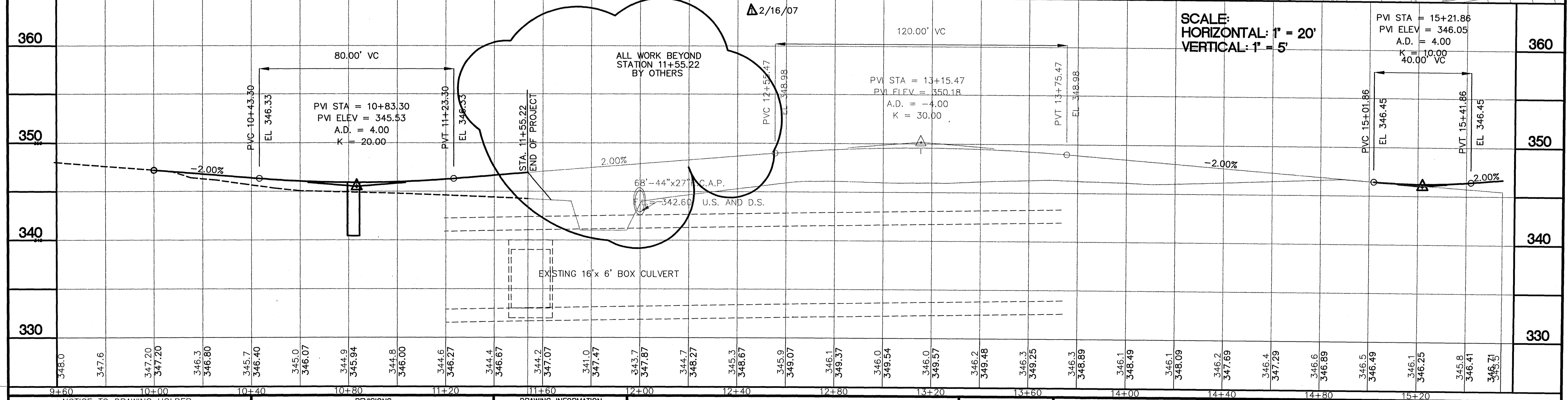
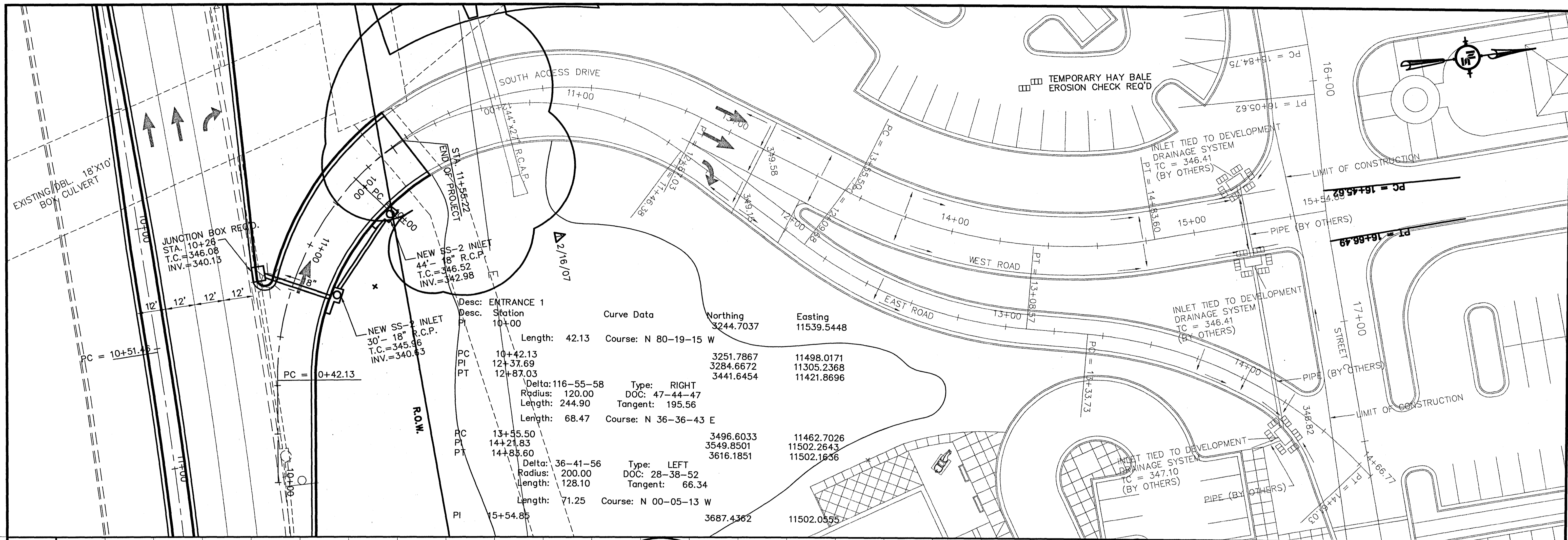
**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
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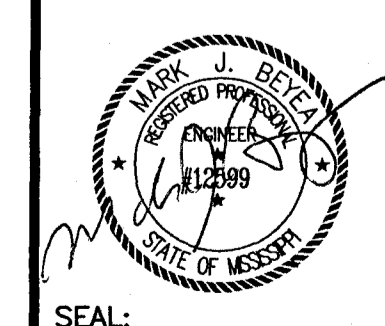
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WORKING NUMBER: GP-7	DRAWING NUMBER: 20

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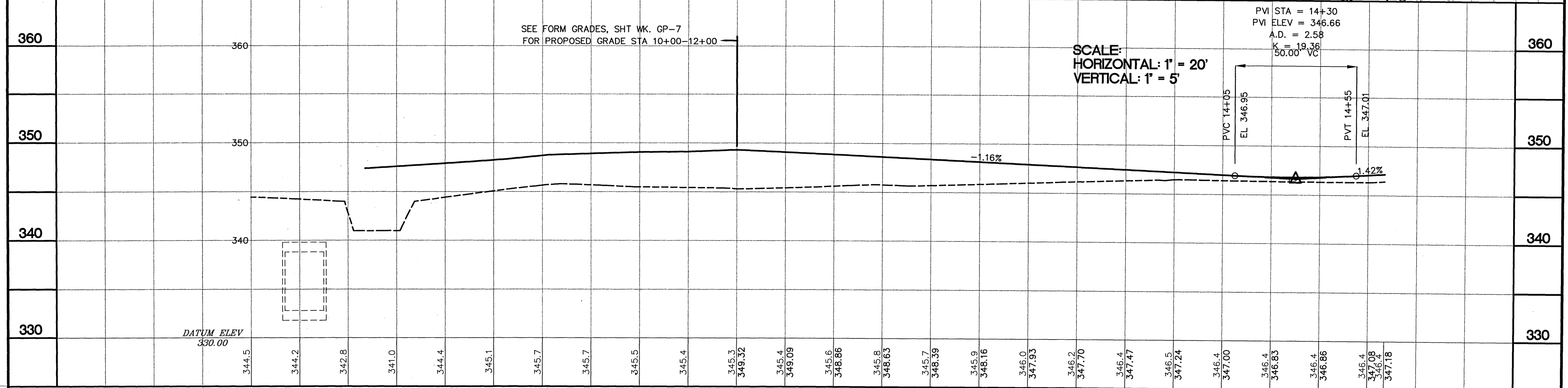
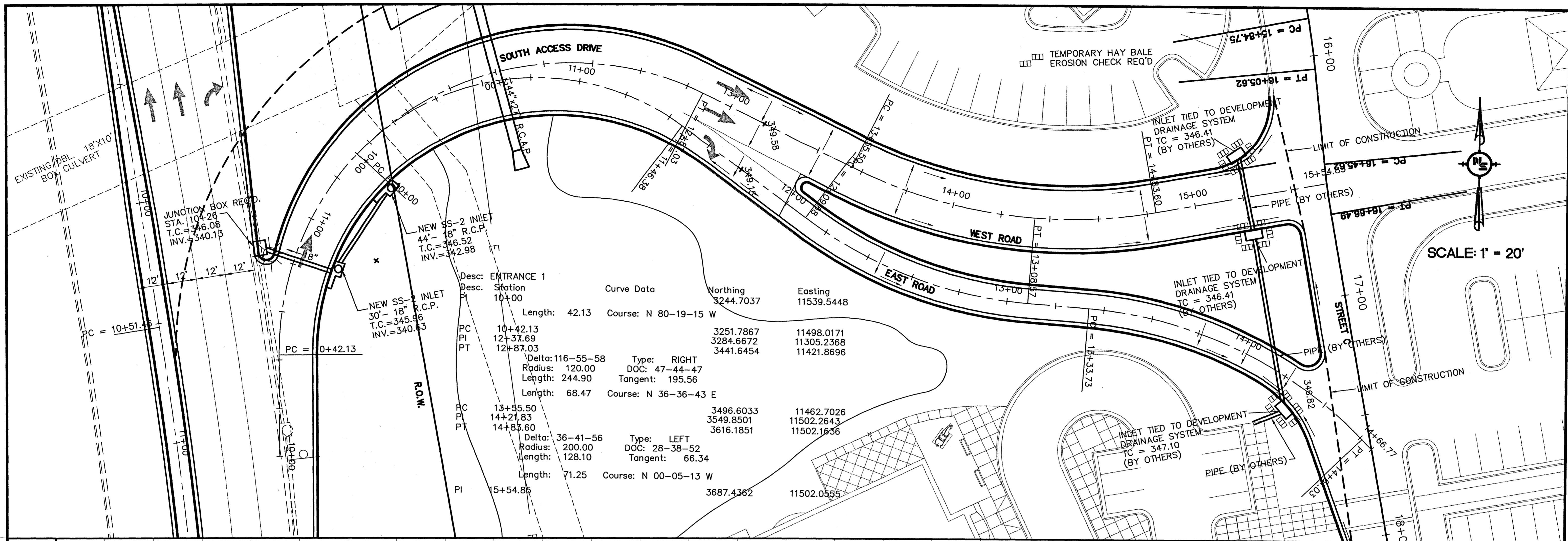
NOTICE TO DRAWING HOLDER		REVISIONS		DRAWING INFORMATION		
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						SURVEYED BY:
						DSGN: M.J.B. DATE: 05/30/06
						DRWN: M.A.L. DATE: 05/30/06
						CHKD: DATE:
						QA/QC: DATE:

**RENAISSANCE AT COLONY PARKWAY
ROADWAY IMPROVEMENTS
RIDGELAND, MISSISSIPPI
N.S. ACCOUNT NO. 05734.050**



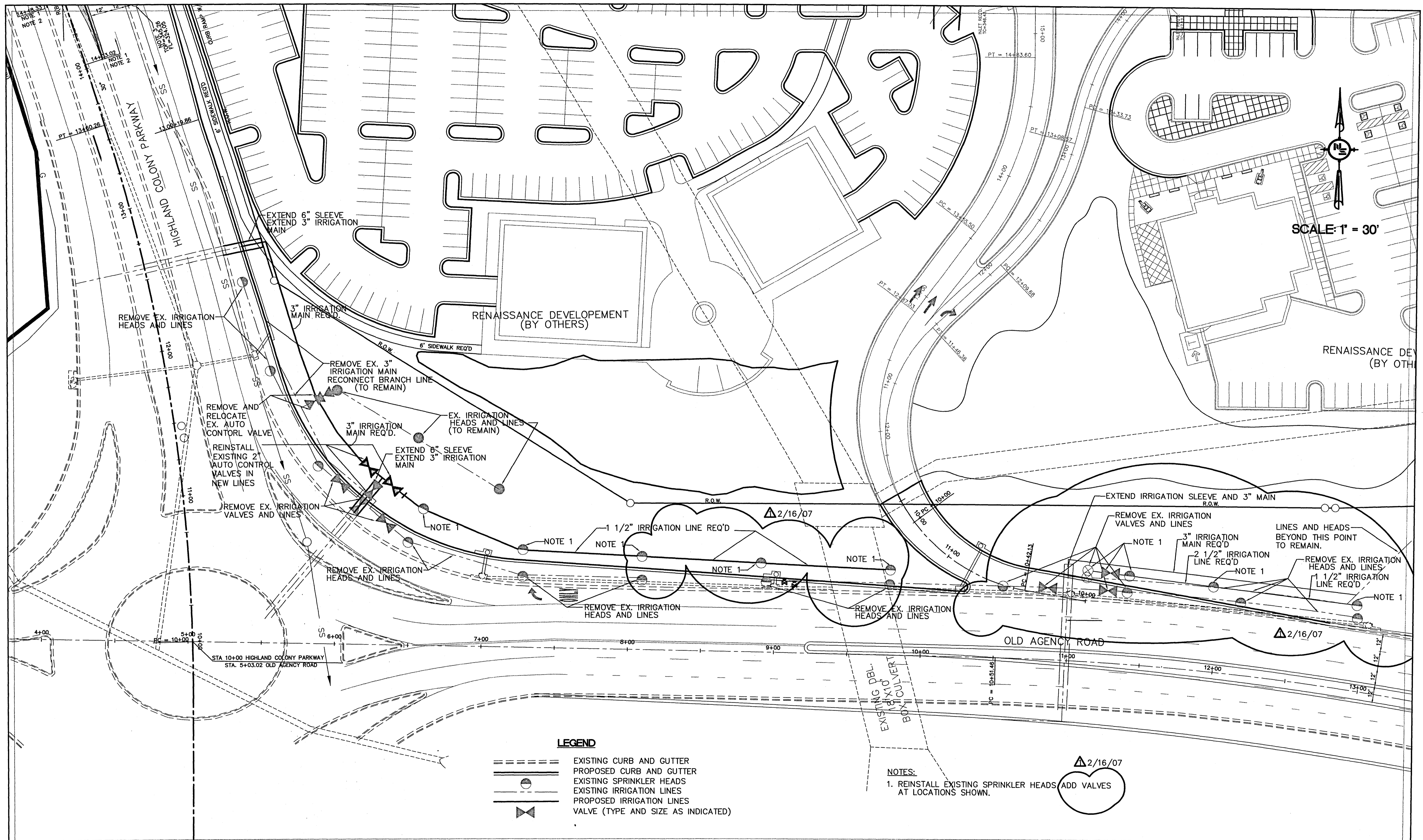
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Madison, MS 39110
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**SOUTH ACCESS DRIVE
WEST ROAD
ROAD PLAN AND PROFILE
STA. 10+00 - STA. 15+41.82**
WORKING NUMBER: PP-1
DRAWING NUMBER: 21



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NO.	DATE	BY	DESCRIPTION																		

T:\Renaissance at Colony Parkway Roadways\dwg\5734RDP\FILE.dwg, 1/20/2007 10:43:28 AM



SCALE: 1" = 30'

LEGEND

- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- EXISTING SPRINKLER HEADS
- EXISTING IRRIGATION LINES
- PROPOSED IRRIGATION LINES
- VALVE (TYPE AND SIZE AS INDICATED)

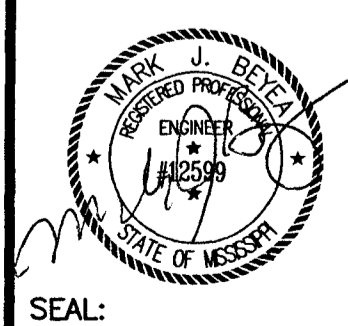
NOTES:
 1. REINSTALL EXISTING SPRINKLER HEADS/ADD VALVES AT LOCATIONS SHOWN.

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REVISIONS		
NO.	DATE	DESCRIPTION
1	2/16/07	NS ADDED HEADS IRRIGATION RELOCATION

DRAWING INFORMATION	
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FILENAME:	5734IRRIREV21507.DWG
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SURVEYED BY:	
DSSN: M.J.B.	DATE: 05/30/06
DRWN: M.A.L.	DATE: 05/30/06
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QA/QC:	DATE:

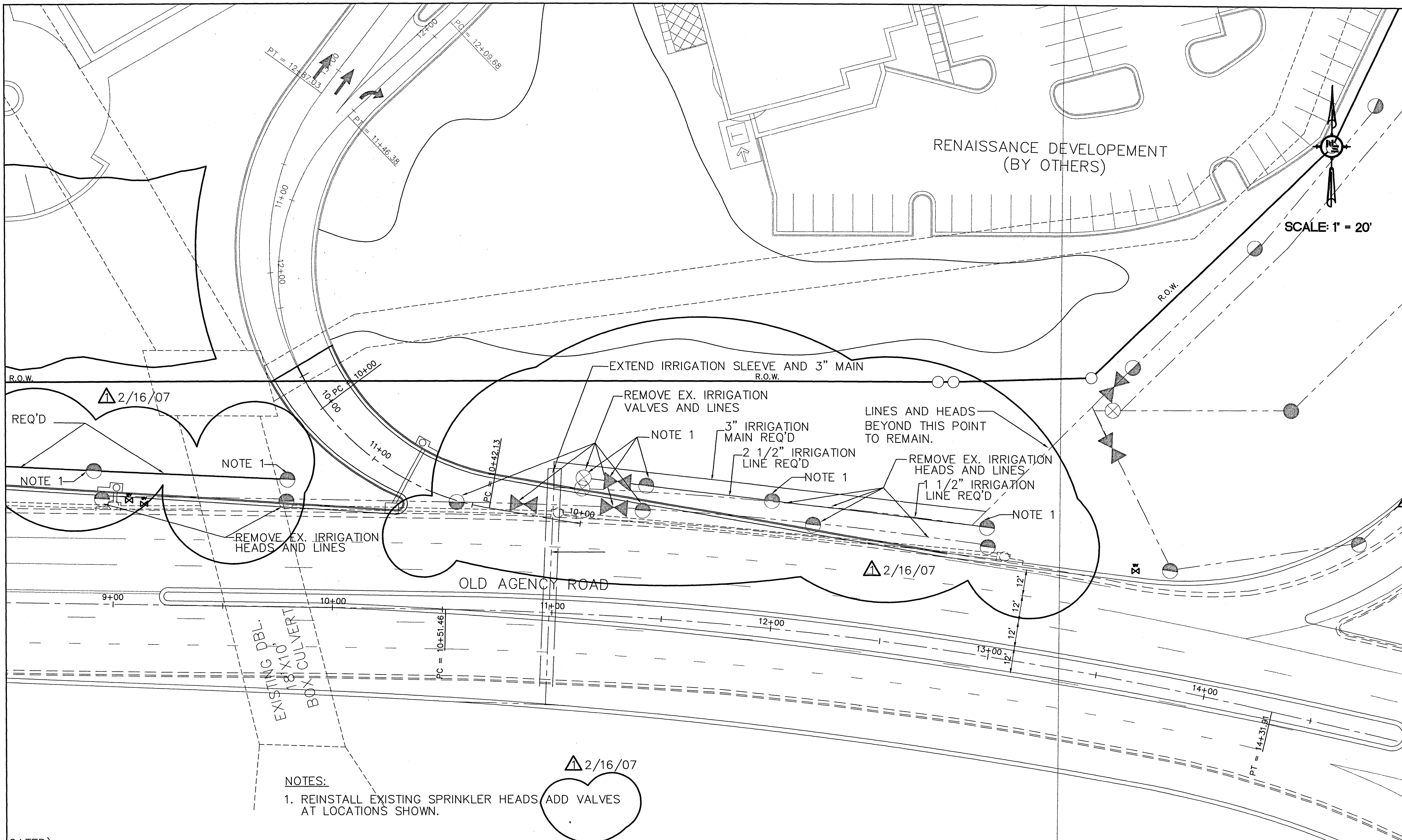
**RENAISSANCE AT COLONY PARWAY
 ROADWAY IMPROVEMENTS
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



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OLD AGENCY ROAD AND HIGHLAND COLONY PARKWAY IRRIGATION SHEET	
WORKING NUMBER: IR-1	DRAWING NUMBER: 23

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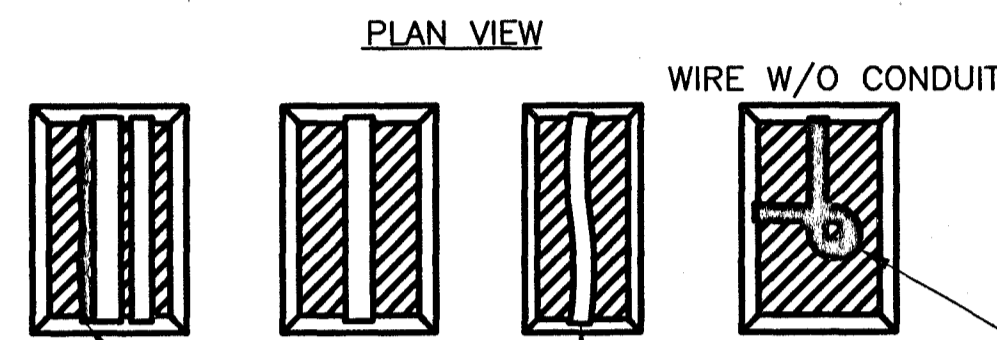
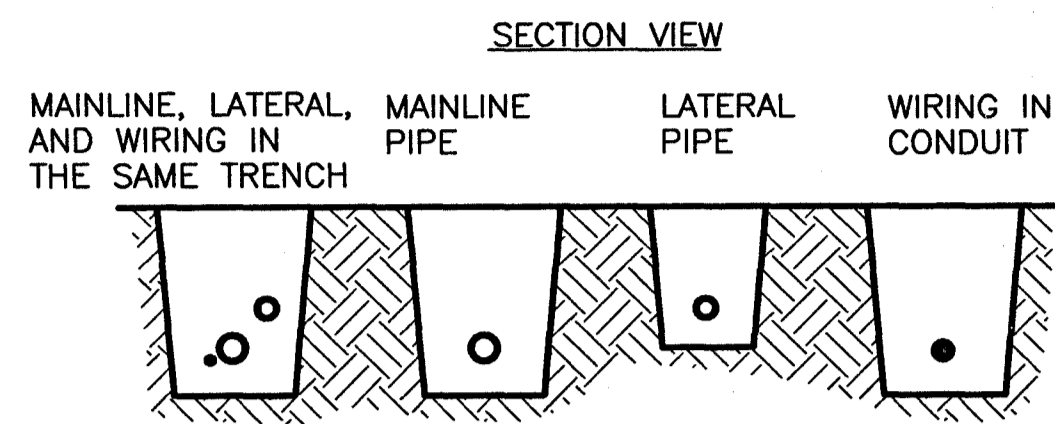


SCALE: 1" = 20'

NOTES:
 1. REINSTALL EXISTING SPRINKLER HEADS ADD VALVES AT LOCATIONS SHOWN.

NOTICE TO DRAWING HOLDER NEEL-SCHAFFER, INC., HERINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.		REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2/16/07</td> <td>NS</td> <td>ADDED IRRIGATION RELOCATIONS</td> </tr> </tbody> </table>		NO.	DATE	BY	DESCRIPTION	1	2/16/07	NS	ADDED IRRIGATION RELOCATIONS	DRAWING INFORMATION N-S PROJECT NO.: 05734.050 FILENAME: SITE13.DWG CADD TYPE: Autocad 2002 SURVEYED BY: DSGN: M.J.B. DATE: 05/30/06 DRWN: M.A.L. DATE: 05/30/06 CHKD: DATE: QA/QC: DATE:		RENAISSANCE AT COLONY PARKWAY ROADWAY IMPROVEMENTS RIDGELAND, MISSISSIPPI N.S. ACCOUNT NO. 05734.050				NEEL-SCHAFFER <i>Solutions you can build upon</i> 1230 Highway 51 North Madison, MS 39110 PH: (601)898-8118 / FAX: (601)898-2460		OLD AGENCY ROAD IRRIGATION SHEET WORKING NUMBER: IR-2 DRAWING NUMBER: 24	
NO.	DATE	BY	DESCRIPTION																		
1	2/16/07	NS	ADDED IRRIGATION RELOCATIONS																		

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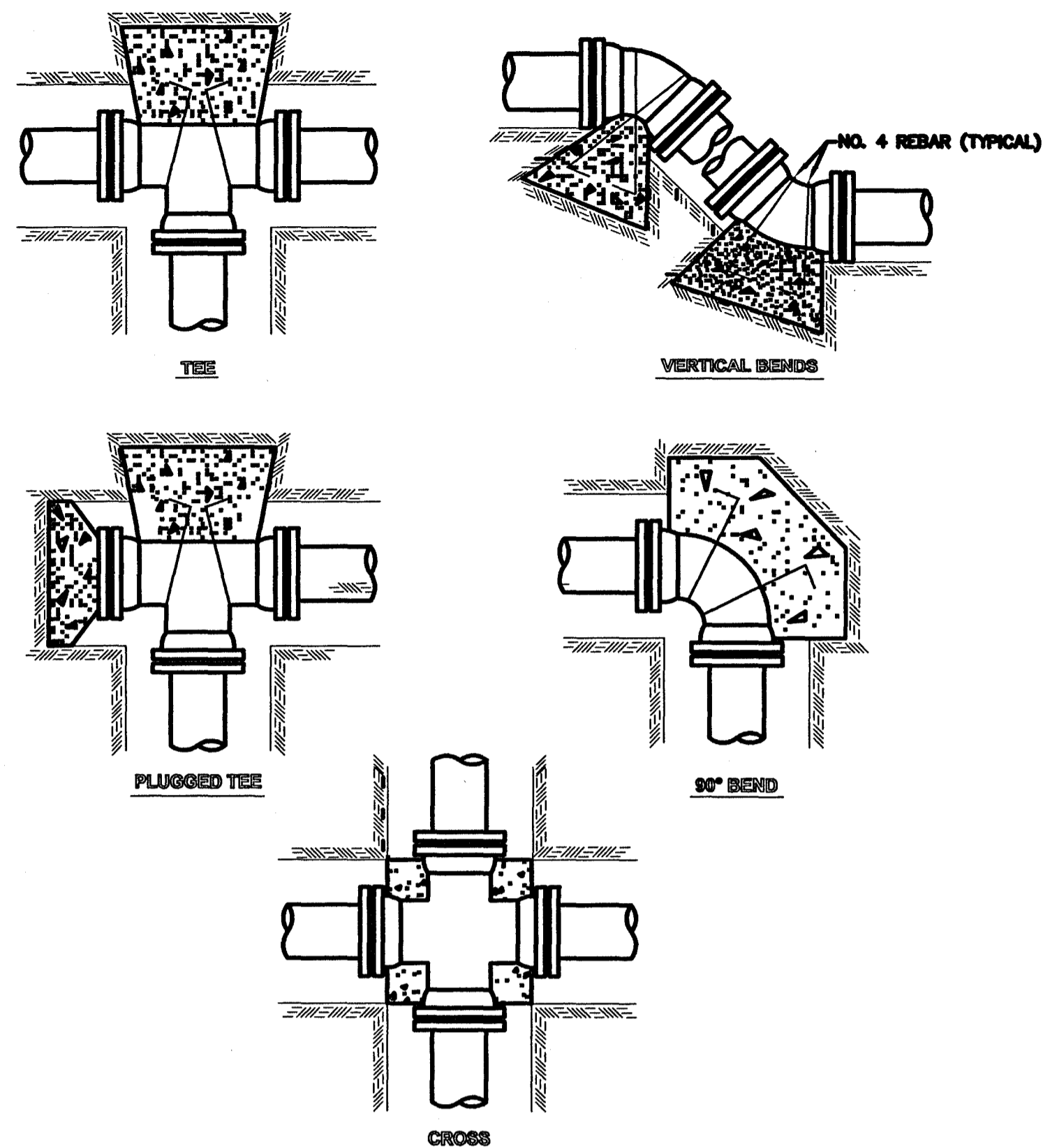
RUN WIRING BENEATH AND BESIDE MAINLINE. TAPE AND BUNDLE AT 10-FOOT INTERVALS.

ALL SOLVENT WELD PLASTIC PIPING TO BE SNAKED IN TRENCH AS SHOWN.

TIE A 24-INCH LOOP IN ALL WIRING AT CHANGES OF DIRECTION OF 30° OR GREATER. UNTIE AFTER ALL CONNECTIONS HAVE BEEN MADE.

- NOTES:
- BORE AND SLEEVE BELOW ALL HARDSCAPE ELEMENTS AS SPECIFIED ON THE DRAWINGS, TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN.
 - FOR PIPE AND WIRE BURIAL DEPTHS SEE SPECIFICATIONS.

A PIPE & WIRE TRENCHING
NOT TO SCALE

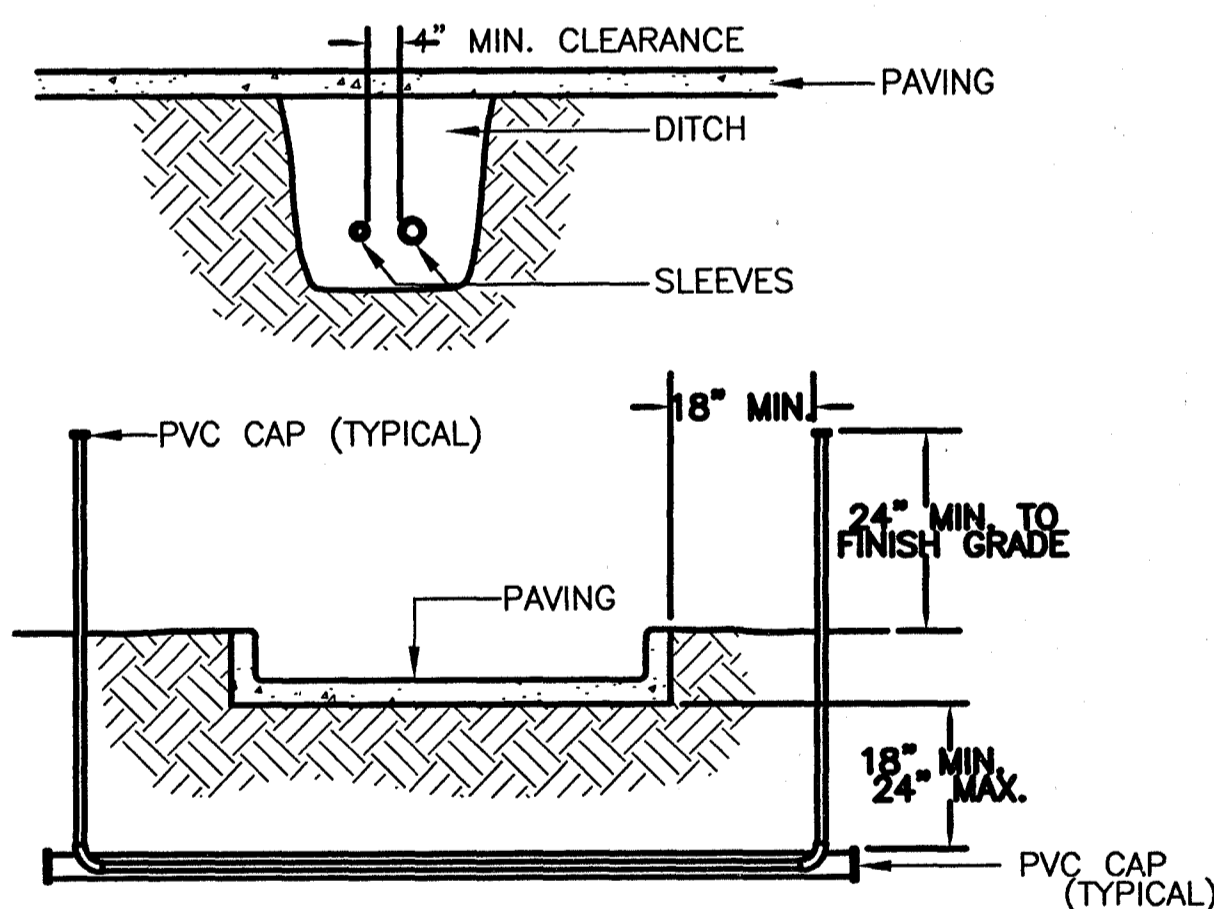


TYPICAL THRUST BLOCKING IN 3" WATER LINES
NOT TO SCALE

- NOTES :
- BLOCKING SHALL BE CLASS "C" CONCRETE ; "SACKCRETE" WILL NOT BE ALLOWED.
 - ALL THRUST BLOCKS 2,500 PSI CONCRETE AGAINST UNDISTURBED EARTH
 - THRUST BLOCKS SHALL BE INSTALLED AT ALL 3" MAIN LINE AND LATERAL LINE TURNS, ELBOWS, TEES, CAPS, PLUGS, AND CHANGES IN LINE DIRECTION.
 - MINIMUM CONCRETE SURFACE AREA ON SOIL FOR 3 INCH FITTINGS SHALL BE 4 SQUARE FEET.
 - USE #4 REBAR WITH MASTIC COATING WHEN REQUIRED (GATE VALVES INCLUDED).
 - ALL CONCRETE AND REBAR FOR THRUST BLOCKS SHALL BE ABSORBED IN THE UNIT PRICES FOR PIPES.

C THRUST BLOCKS
NOT TO SCALE

NOTE:
ALL IRRIGATION PRODUCTS SHOWN ARE MANUFACTURED BY RAINBIRD, OR APPROVED EQUAL.



- NOTES:
- ALL PVC IRRIGATION SLEEVES SHALL BE AS SPECIFIED ON DRAWINGS.
 - ALL JOINTS TO BE SOLVENT WELDED AND WATERTIGHT.
 - WHERE THERE IS MORE THAN ONE SLEEVE, EXTEND THE SMALLER SLEEVE TO 24-INCHES MINIMUM ABOVE FINISH GRADE.
 - ALL IRRIGATION SLEEVING SHALL BE BORED BELOW EXISTING PAVEMENTS AND ROADWAYS, AS REQUIRED BY THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION (MDOT).

B SLEEVING
NOT TO SCALE

IRRIGATION NOTES:

- ALL IRRIGATION EQUIPMENT SHOWN IS MANUFACTURED BY RAIN BIRD. EQUAL MANUFACTURERS SHALL ALSO BE CONSIDERED, PROVIDED THE CONTRACTOR SUBMITS SUCH A REQUEST IN WRITING, ALONG WITH EQUAL MANUFACTURER SPECIFICATION DATA NO LATER THAN 10 DAYS PRIOR TO BID OPENING.
- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, SERVICES, EQUIPMENT AND APPLIANCES REQUIRED TO PROVIDE AN IN-GROUND AUTOMATIC IRRIGATION SYSTEM AND RELATED ITEMS NEEDED TO DELIVER OPTIMAL LEVELS OF WATER TO ALL PLANTING AREAS AS SHOWN ON THE DRAWINGS. THE IRRIGATION SYSTEM, AS INDICATED ON THE DRAWINGS OR SPECIFIED HEREIN, SHALL INCLUDE, BUT IS NOT LIMITED TO: IRRIGATION COMPLETELY INSTALLED; ALL NECESSARY PIPING, VALVES, PIPE SLEEVES, SPRINKLER HEADS, DRIP IRRIGATION EQUIPMENT, VALVE BOXES, CONTROLLER, WIRE AND WATERPROOF CONNECTIONS, DOUBLE CHECK VALVE AND VAULT, WATER METER AND OTHER APPURTENANCES; AND CONNECTIONS TO WATER AND ELECTRICAL SERVICE SYSTEMS.
- THE DRAWINGS AND SPECIFICATION MAY NOT SHOW ALL THE DETAILS OF CONSTRUCTION, BUT THE CONTRACTOR SHALL BE REQUIRED TO FURNISH AND INSTALL ALL MATERIALS NECESSARY TO COMPLETE THE IRRIGATION SYSTEM IN ACCORDANCE WITH APPLICABLE CODES, THE BEST PRACTICES AND TO THE FULL INTENT OF THE DRAWINGS AND SPECIFICATIONS.
- THE IRRIGATION LAYOUT PLAN PROVIDED IS INTENDED AS A SCHEMATIC LAYOUT ONLY. DISTANCE OFFSETS BETWEEN PARALLEL MAINS AND LATERALS ARE EXAGGERATED FOR EASE OF REFERENCE. THE CONTRACTOR SHALL MINIMIZE TRENCHING WHENEVER POSSIBLE, COMBINING MULTIPLE LINES IN EACH DITCH WHEN PRACTICAL. THE SIZES OF IRRIGATION HEADS, VALVES, ETC., HAVE ALSO BEEN EXAGGERATED FOR EASE OF REFERENCE.
- PRIOR TO CONSTRUCTION THE IRRIGATION CONTRACTOR SHALL VISIT THE SITE AND EVALUATE THE AVAILABLE WATER PRESSURE AND PIPE SIZE SERVICING THE IRRIGATION SYSTEM, NOTING SYSTEM PRESSURE AND ACCOMODATING PRESSURE CHANGES WITHIN THE DESIGN.
- THE IRRIGATION SYSTEM SHALL BE GUARANTEED FOR A YEAR BEGINNING AT THE TIME OF ACCEPTANCE OF THE PROJECT, BY THE CONTRACTOR. AT THE TIME OF ACCEPTANCE, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH MAINTENANCE INSTRUCTIONS FOR THE IRRIGATION SYSTEM.
- THE IRRIGATION CONTRACTOR SHALL COMPACT THE BACKFILL IN ALL IRRIGATION TRENCHES TO 95% S.P.D., TO AVOID BACKFILL SETTLEMENT.

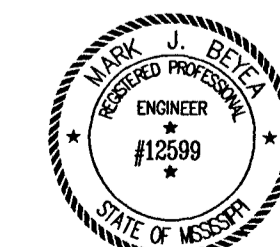
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NO.	DATE	BY	DESCRIPTION

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FILENAME:	IRRIG-1-6.DWG
CADD TYPE:	Autocad 2002
SCALE:	1" = 30'
SURVEYED BY:	
DSGN: C.A.P.	DATE: 09/22/04
DRWN: W.S.B.	DATE: 09/22/04
CHKD: DATE:	
QA/QC: DATE:	

RENAISSANCE AT COLONY PARKWAY
ROADWAY IMPROVEMENTS
RIDGELAND, MISSISSIPPI
N.S. ACCOUNT NO. 05734.050



SEAL:



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Madison, MS 39110
PH: (601)898-6118 / FAX: (601)898-2480

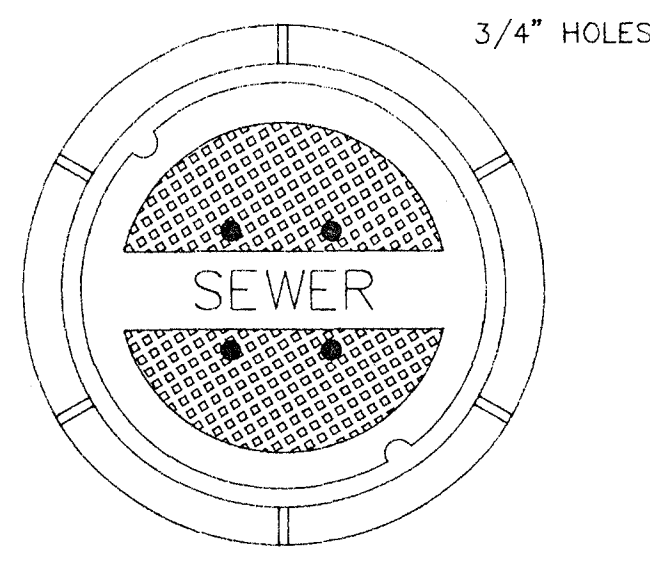
IRRIGATION DETAILS

WORKING NUMBER:

IR-3

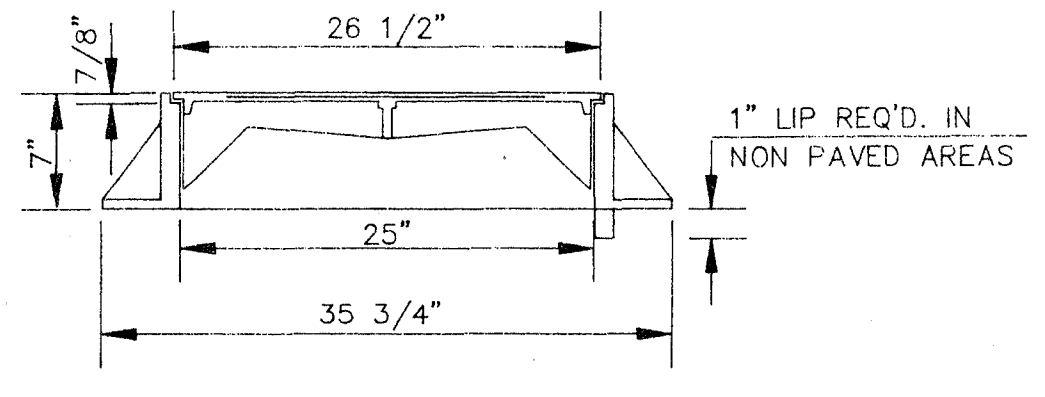
DRAWING NUMBER:

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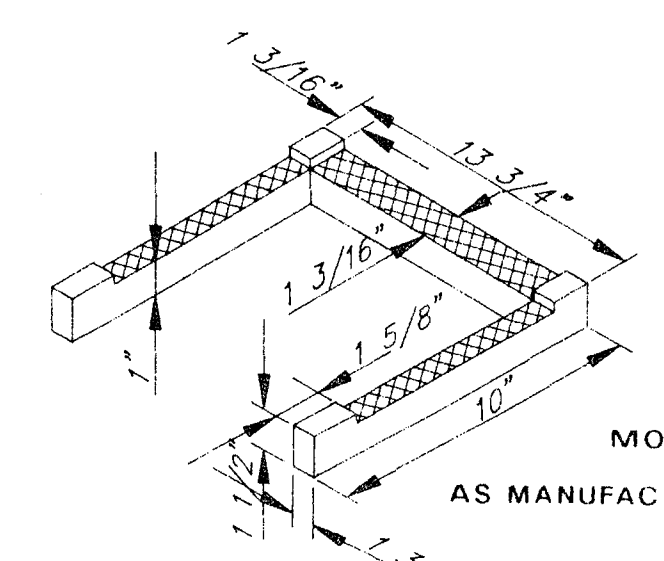


TOP PLAN OF COVER

FRAME & COVER WEIGHT 420 LBS.



SECTION

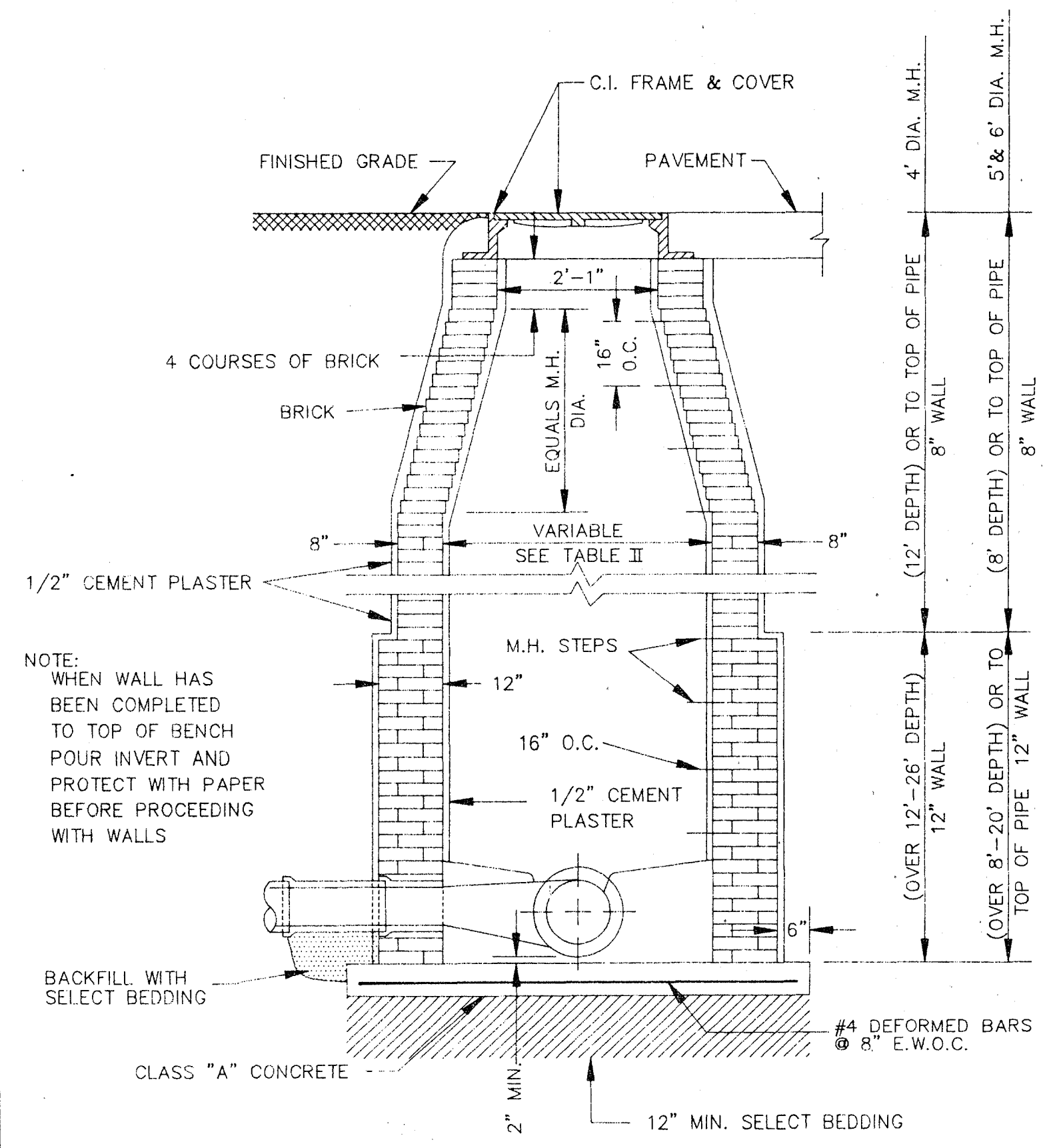


DETAIL 'B'

MODEL NO. PS2 PF
AS MANUFACTURED BY M.A. INDUSTRIES INC.

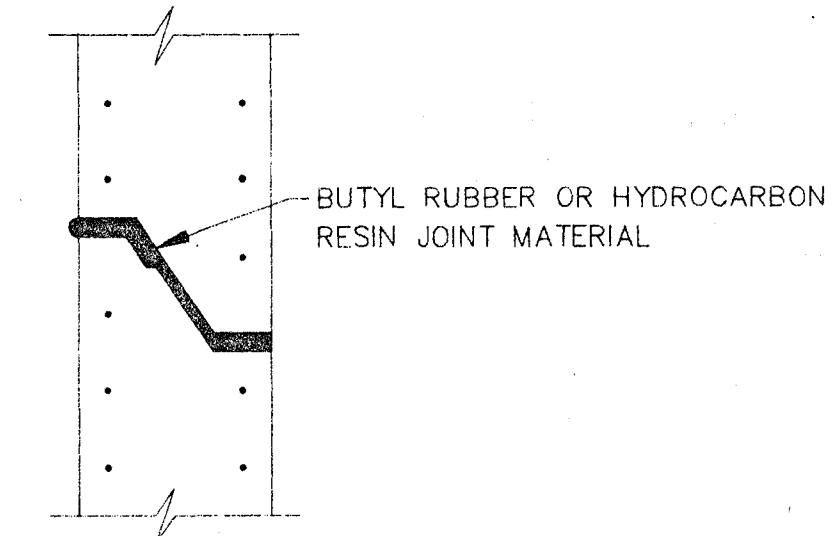
STANDARD MANHOLE FRAME AND COVER

N.T.S.



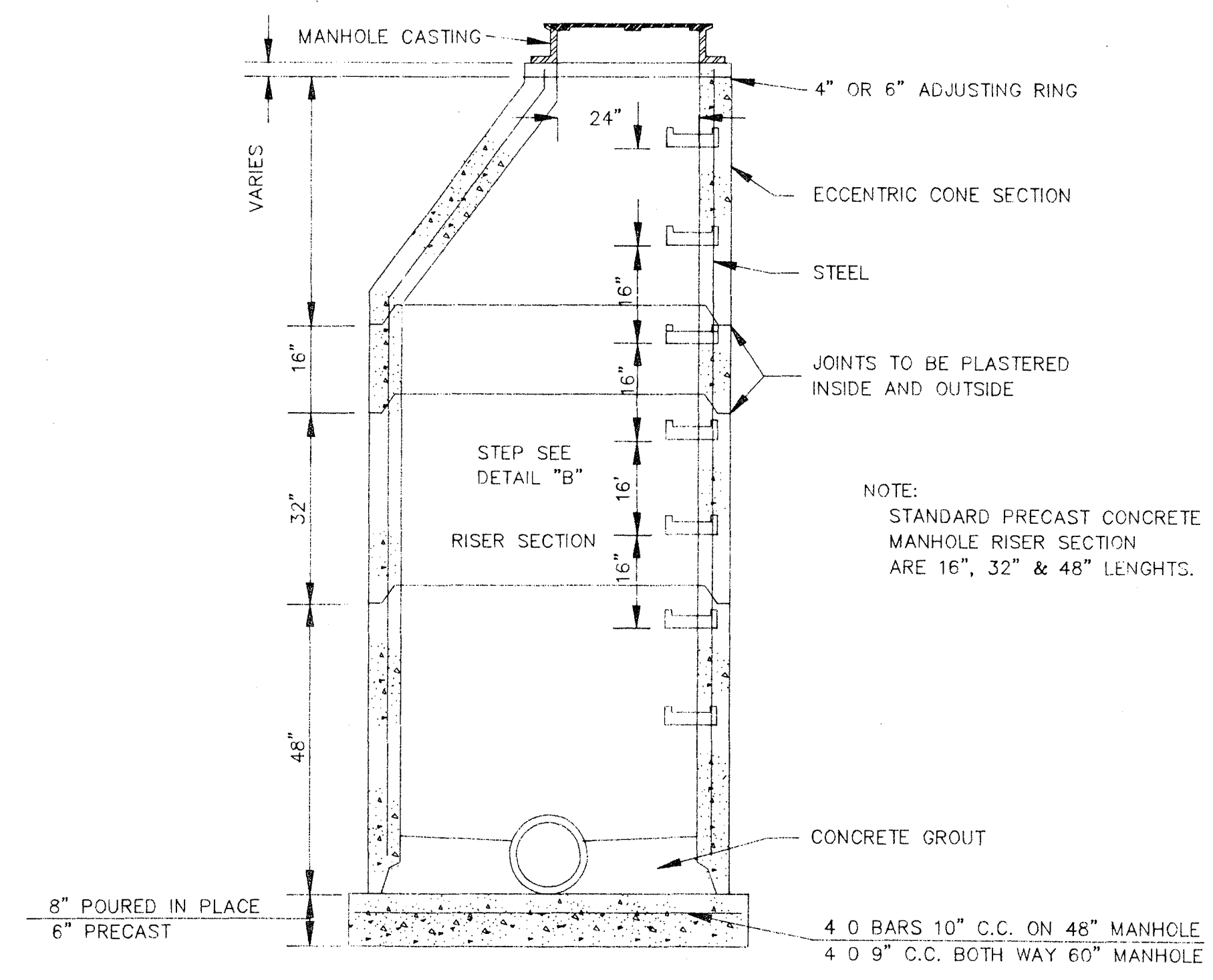
STANDARD BRICK MANHOLE

N.T.S.



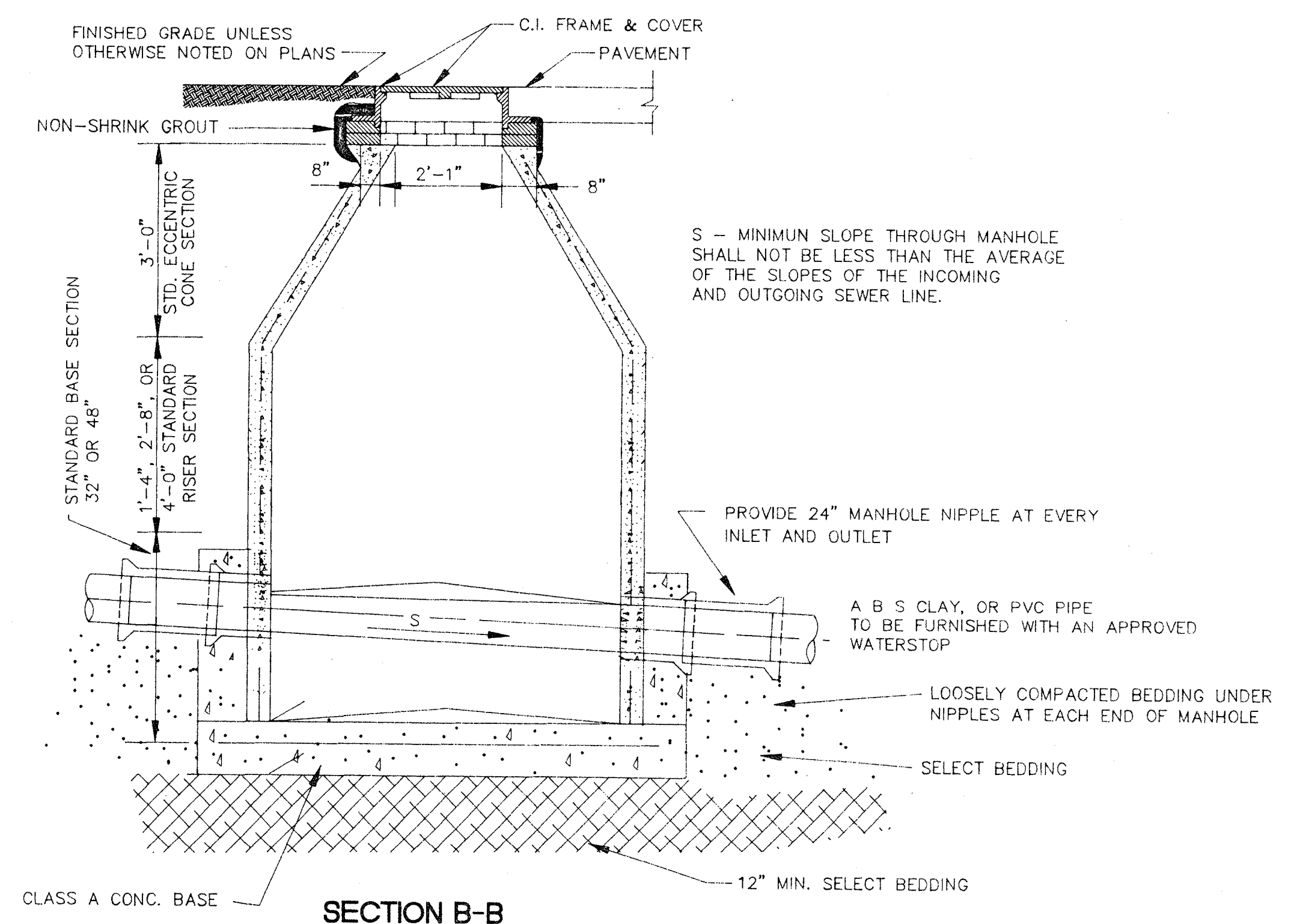
TYPICAL PRECAST CONCRETE MANHOLE JOINT DETAIL

N.T.S.



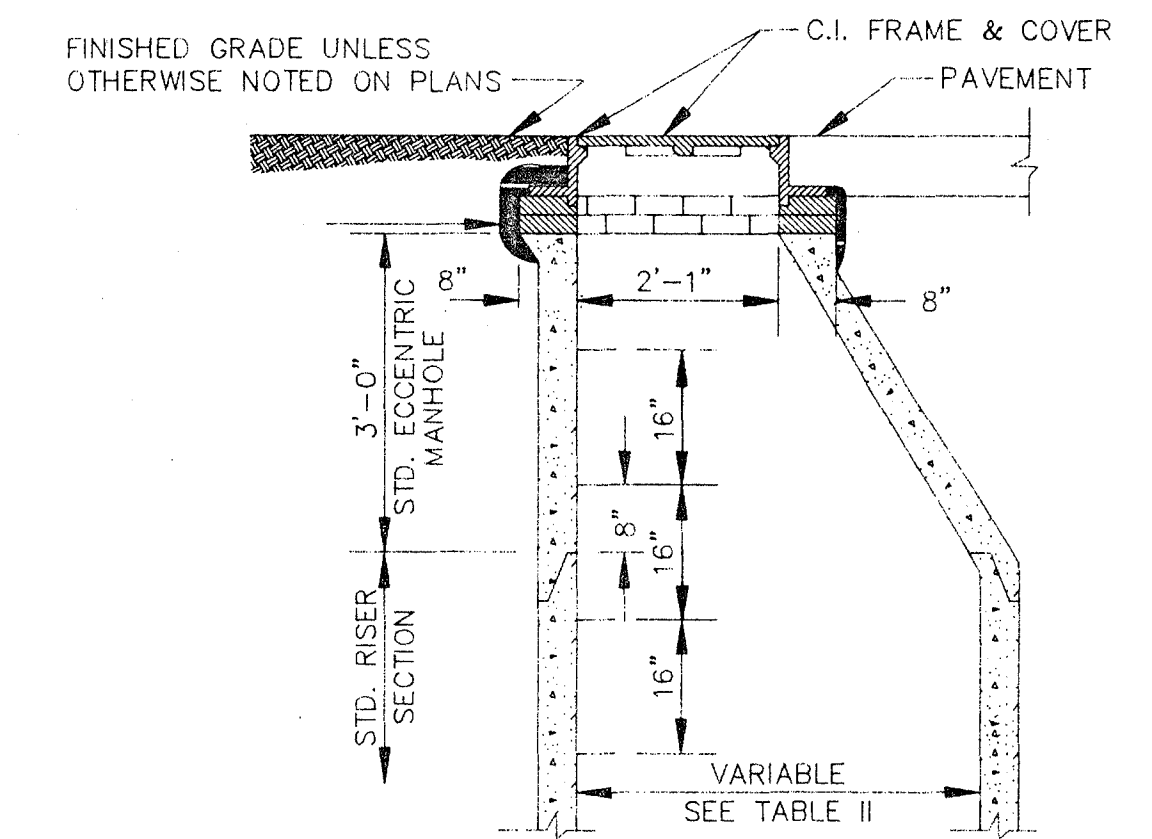
SECTION OF PRECAST CONCRETE MANHOLE

N.T.S.



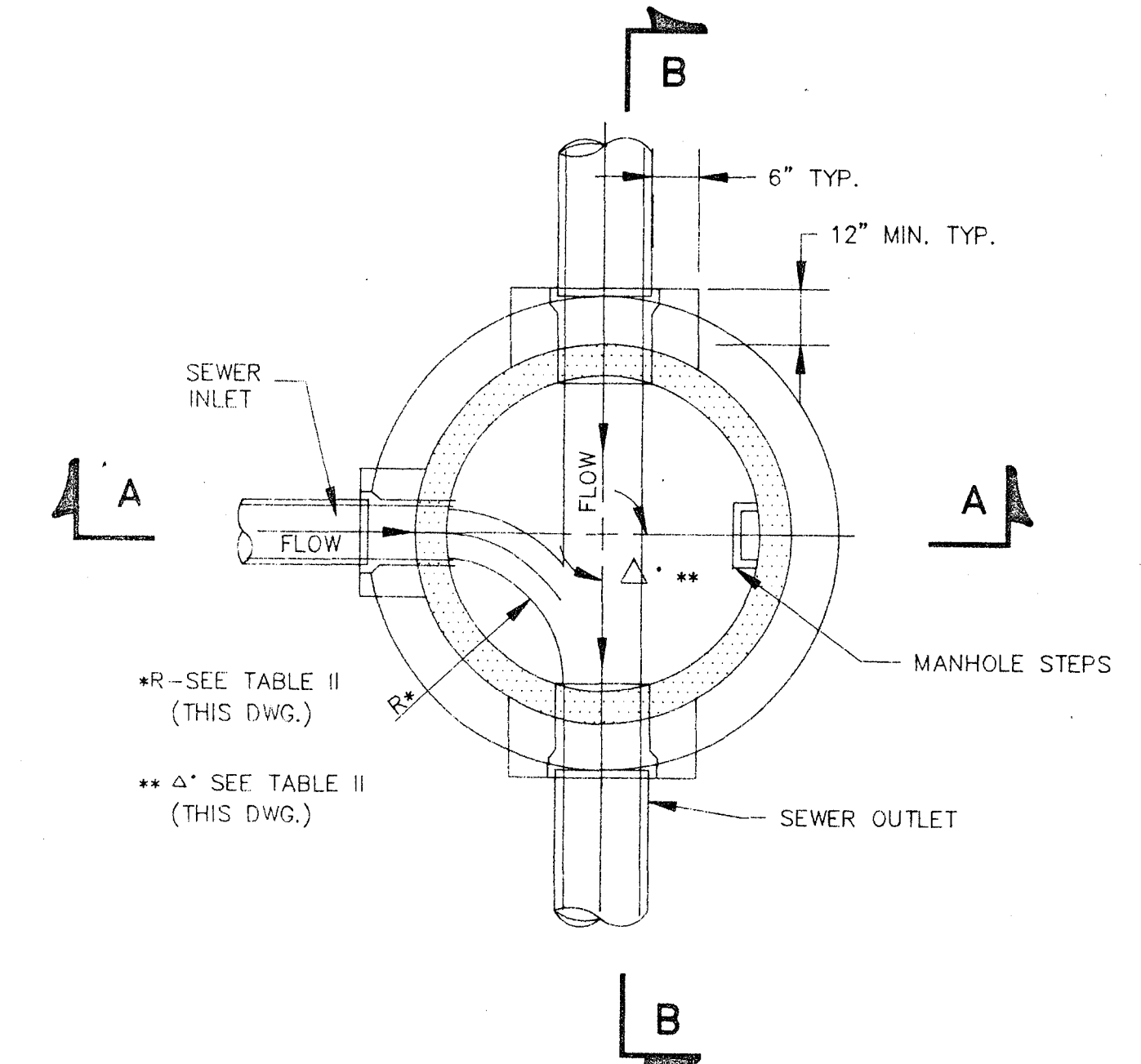
SECTION B-B

N.T.S.



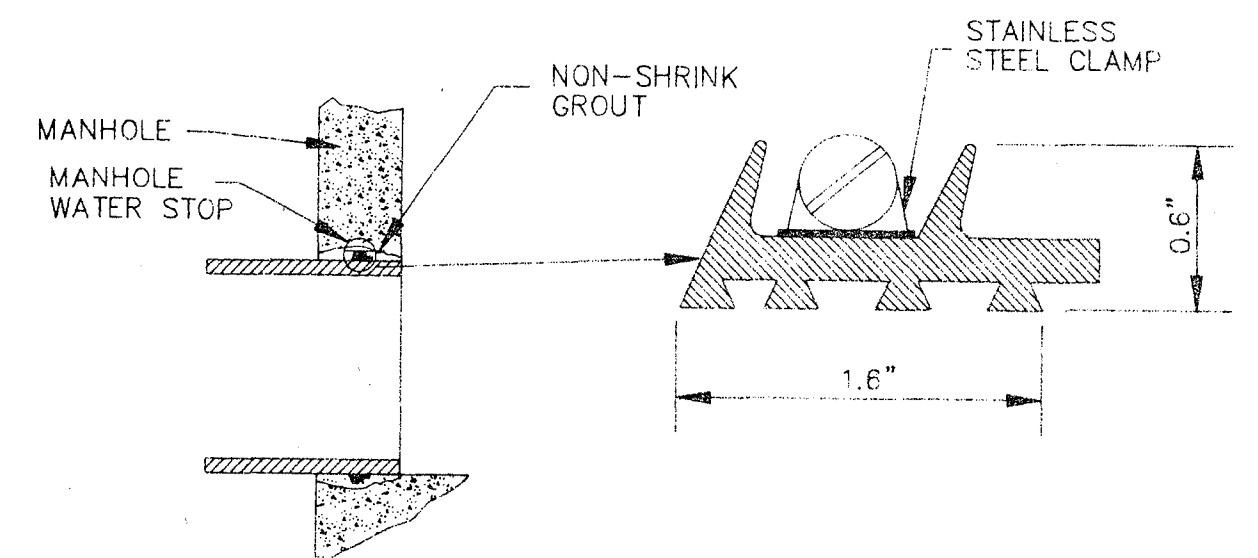
STANDARD ECCENTRIC CONE FOR ALL DIAMETER MANHOLES

N.T.S.



SECTIONAL PLAN STANDARD MANHOLE

N.T.S.



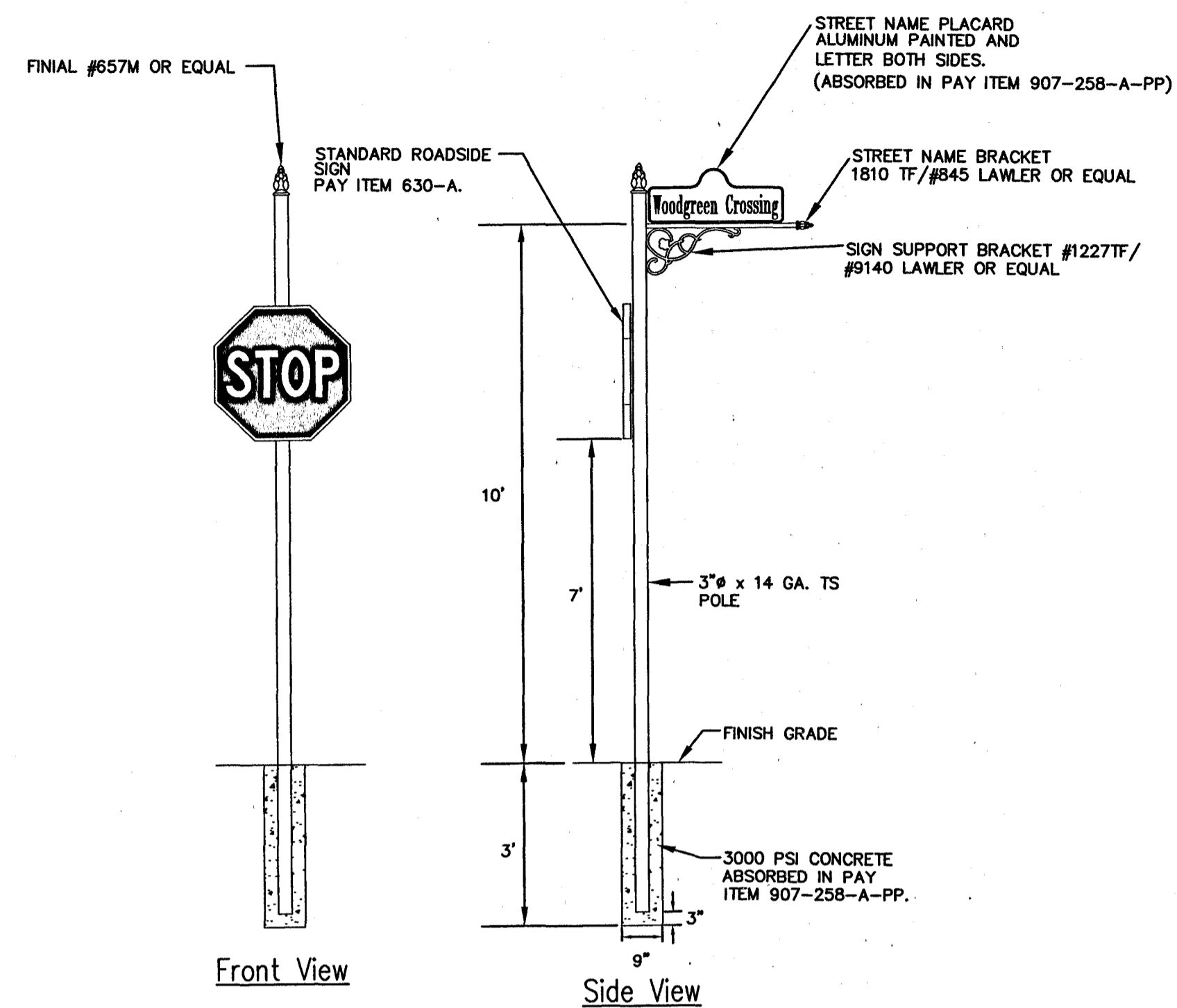
TYPICAL MANHOLE WATER STOP FOR ABS, CLAY OR PVC PIPE

EXISTING AND "STRADDLE" MANHOLES N.T.S.

CITY OF RIDGELAND, MS.

STANDARD DETAILS

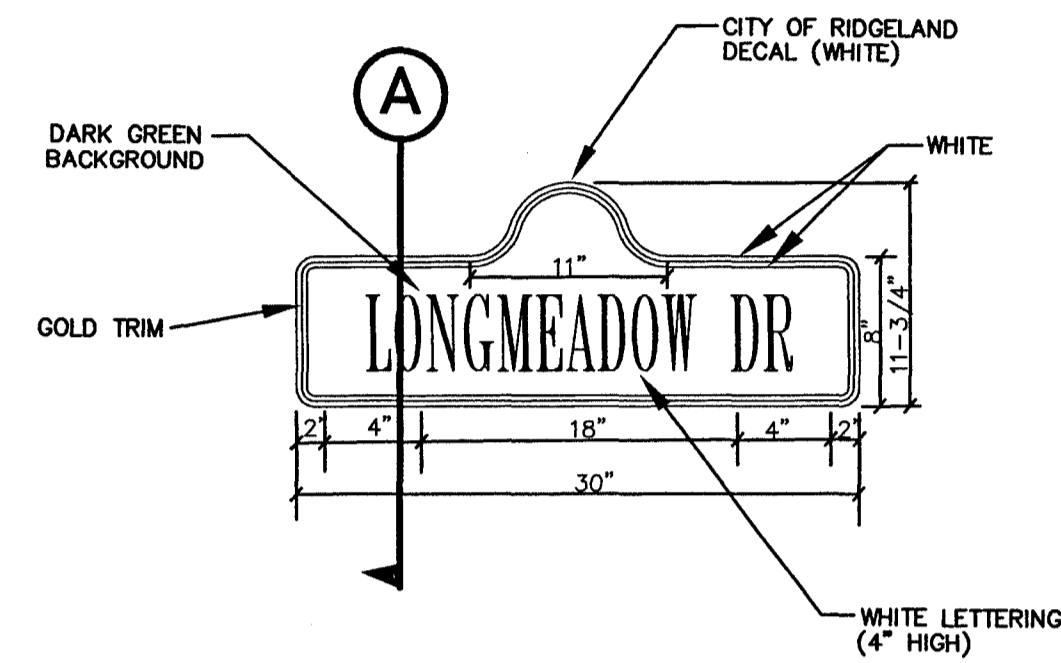
DSGN:		THE CITY OF RIDGELAND	DRAWING NO. MD-1
DRWN:			
CHKD:			
SCALE:			



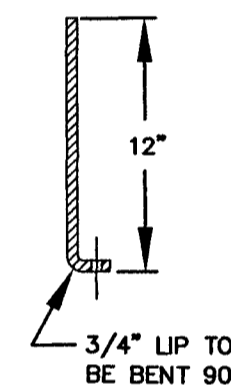
A STREET SIGN ASSEMBLY DETAIL (907-258-A-PP)
NOT TO SCALE

* POST, BRACKETS, SUPPORT AND FINIAL SHALL BE FINISHED SEMI-GLOSS BLACK

ALL STANDARD ROADSIDE SIGNS ALONG HIGHLAND COLONY PARYWAY SHALL BE MOUNTED ON STREET SIGH ASSEMBLY UNLESS OTHERWISE NOTED.



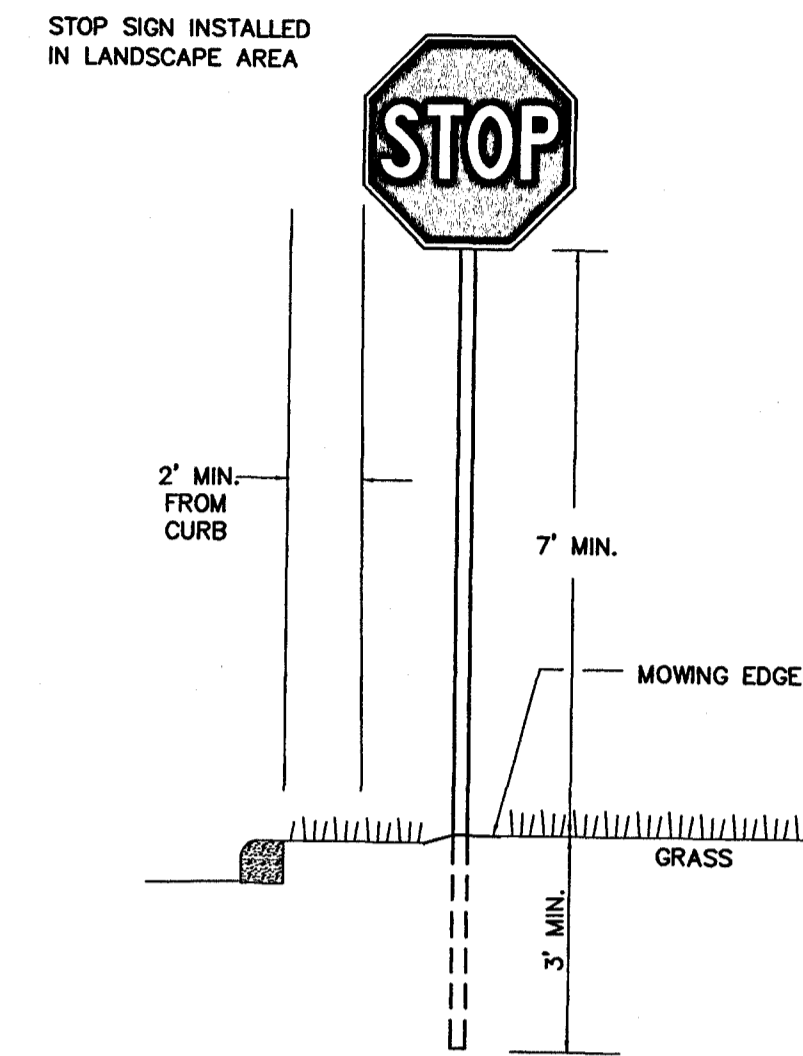
CITY OF RIDGELAND STREET NAME SIGN DETAIL
NOT TO SCALE



SECTION 'A'
NOT TO SCALE

STREET NAME SIGN NOTES:

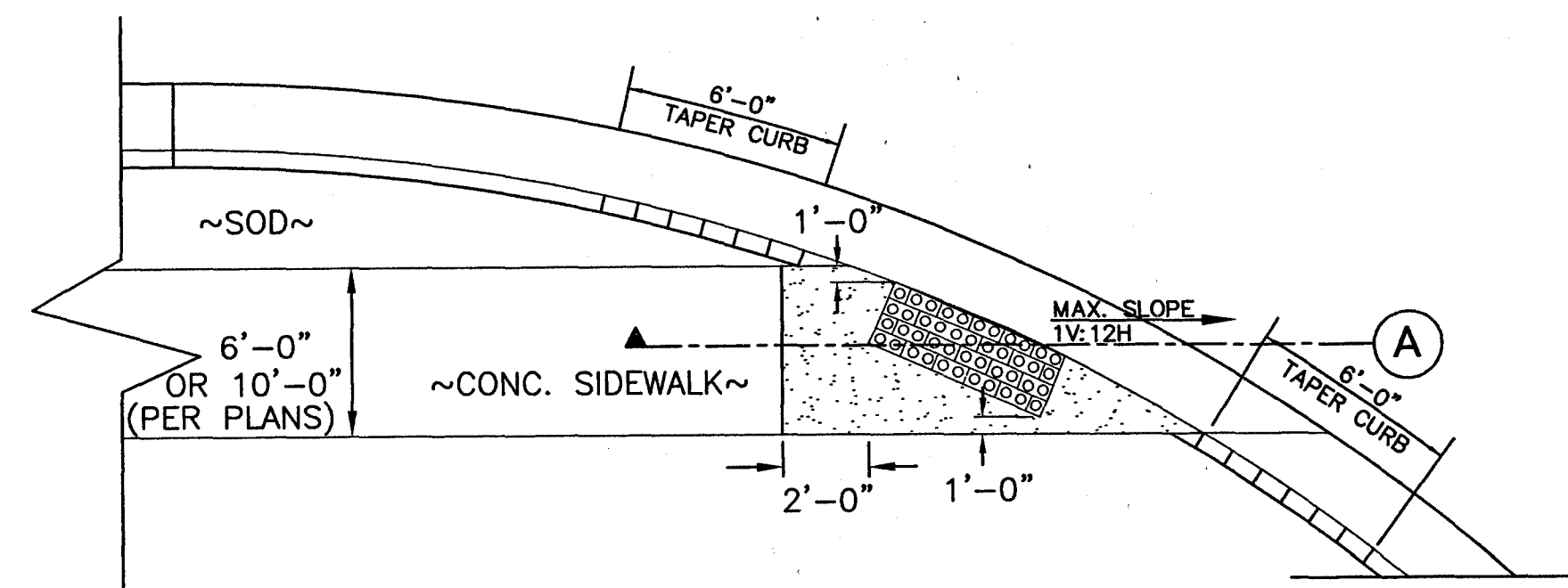
1. LETTER FONT SHALL BE "TIMES NEW ROMAN BOLD"
2. SIGN SHEETING SHALL BE REFLECTIVE ENCLOSED LENS (ENGINEER GRADE) CONFORMING TO FEDERAL SPECIFICATIONS PPO2



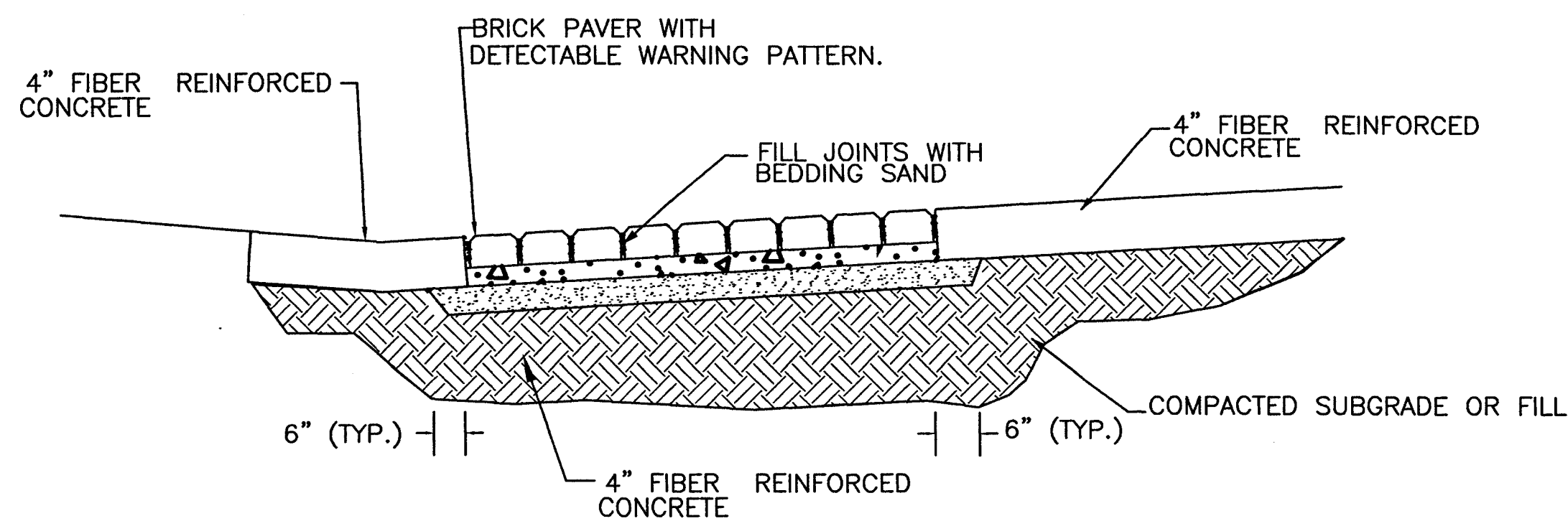
B TRAFFIC SIGN INSTALLATION
NOT TO SCALE

T:\Renaissance at Colony Parkway Roadways\dwg\5734miscdetails.dwg, 1/29/2007 10:56:45 AM

NOTICE TO DRAWING HOLDER				REVISIONS		DRAWING INFORMATION			MISCELLANEOUS DETAILS		
NEEL-SCHAFFER, INC., HERINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.				NO.	DATE	BY	DESCRIPTION		N-S PROJECT NO.:	05734.050	WORKING NUMBER:
								FILENAME:	5734miscdetails.DWG	MD-2	27
								CADD TYPE:	Autocad 2002		
								SURVEYED BY:			
								DSGN:	M.J.B. DATE: 06/12/08		
								DRWN:	A.R.W. DATE: 06/12/08		
								CHKD:	DATE:		
								QA/QC:	DATE:		
								RENAISSANCE AT COLONY PARKWAY ROADWAY IMPROVEMENTS N.S. ACCOUNT NO. 05734.050			
								NEEL-SCHAFFER Solutions you can build upon 1230 Highway 51 North Madison, MS 39110 PH: (601)898-8118 / FAX: (601)898-2460			



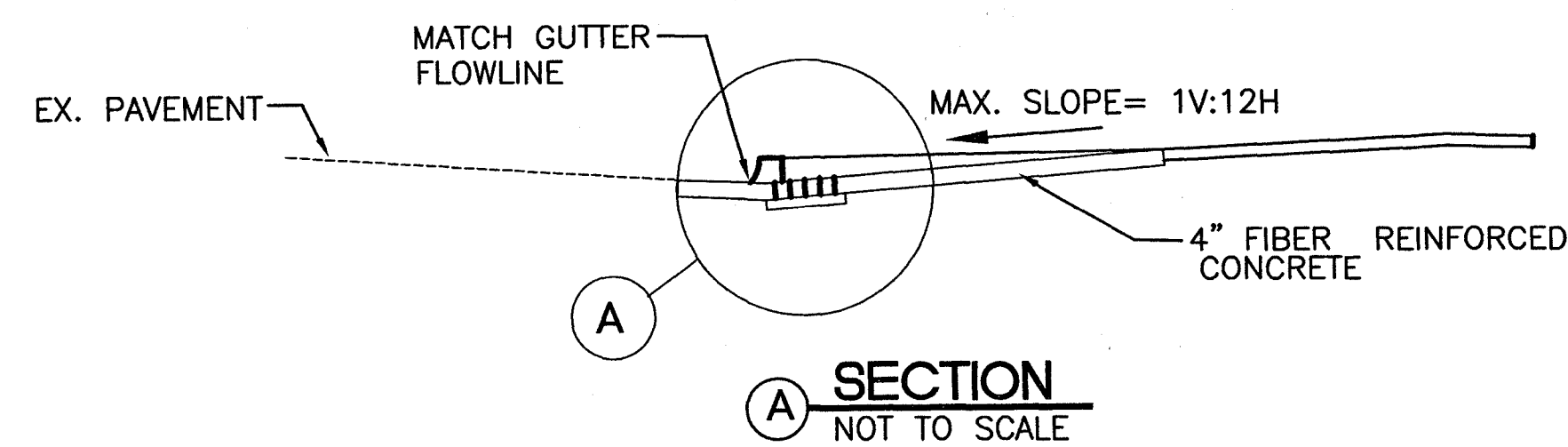
CURB RAMP WITH DETECTABLE WARNING (TYP.)
NOT TO SCALE



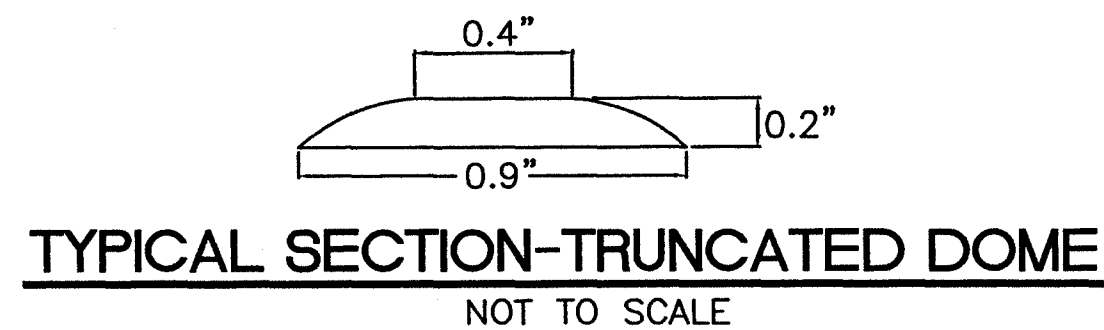
TYPICAL INSTALLATION DETAIL
BRICK PAVER DETECTABLE WARNING
NOT TO SCALE

NOTES:

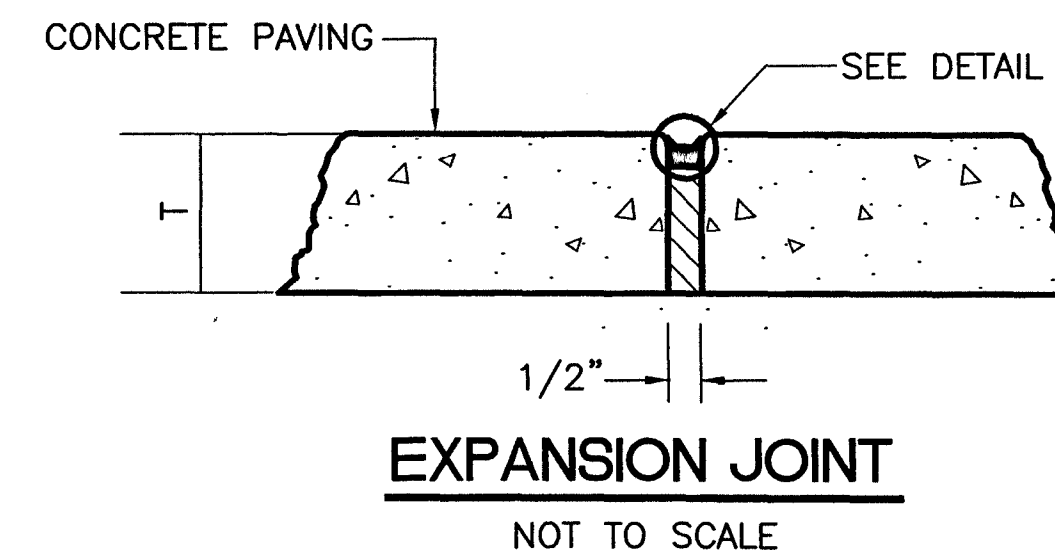
1. STREET SIDE OF WARNING STRIP SHALL ALIGN WITH FACE OF CURB.
2. BRICK PAVERS FOR DETECTABLE WARNINGS SHALL BE "PAVESTONE" DETECTABLE WARNING PAVERS" OR APPROVED BY EQUAL. PAVER COLOR SHALL BE PAVESTONE "CHARCOAL" OR APPROVED EQUAL.



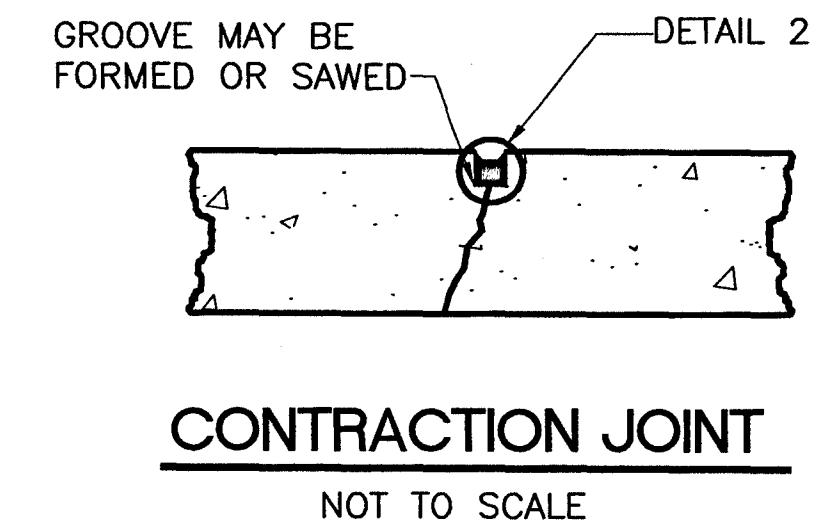
SECTION
NOT TO SCALE



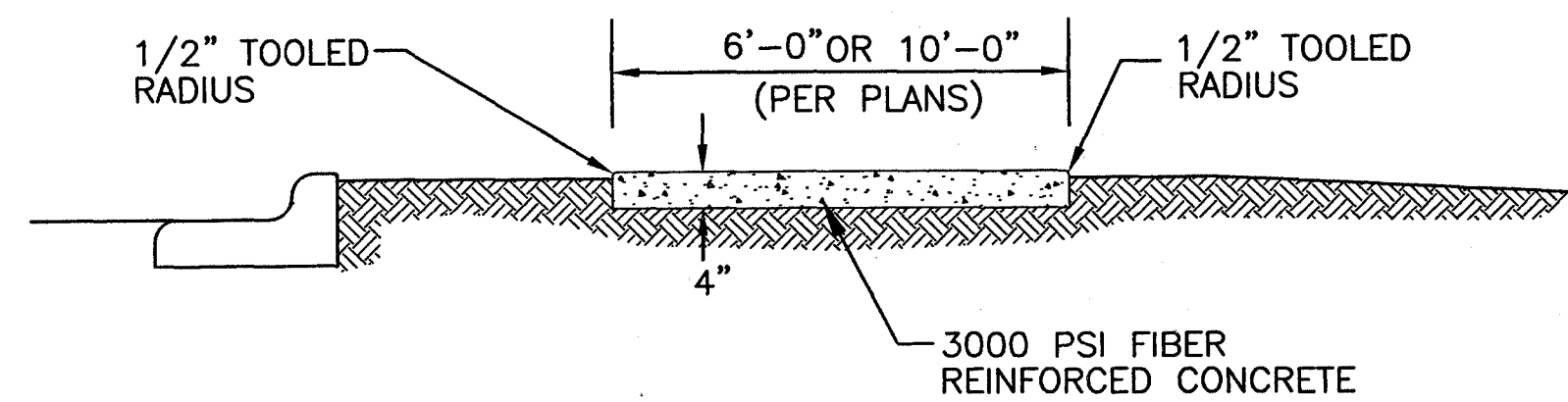
TYPICAL SECTION-TRUNCATED DOME
NOT TO SCALE



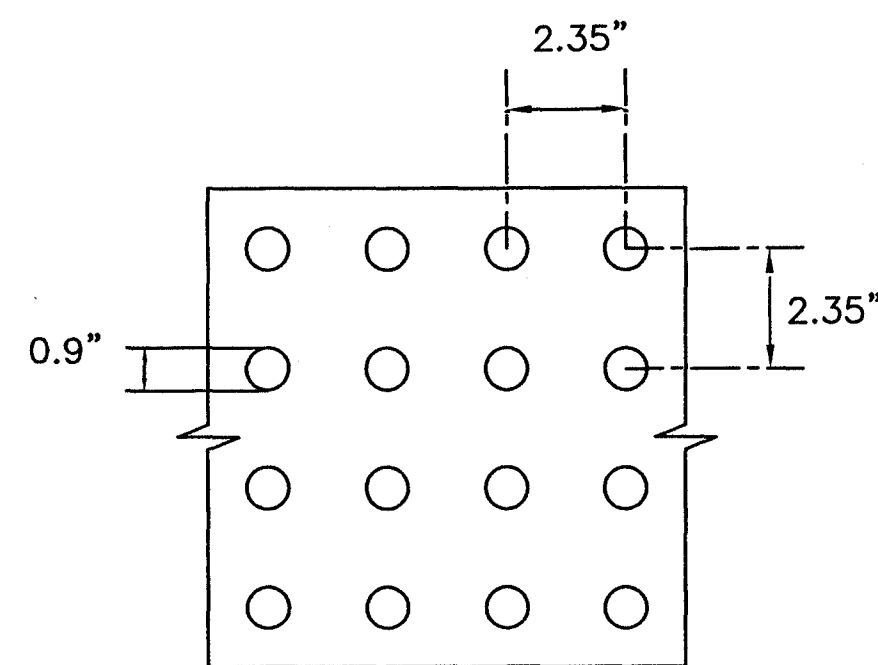
EXPANSION JOINT
NOT TO SCALE



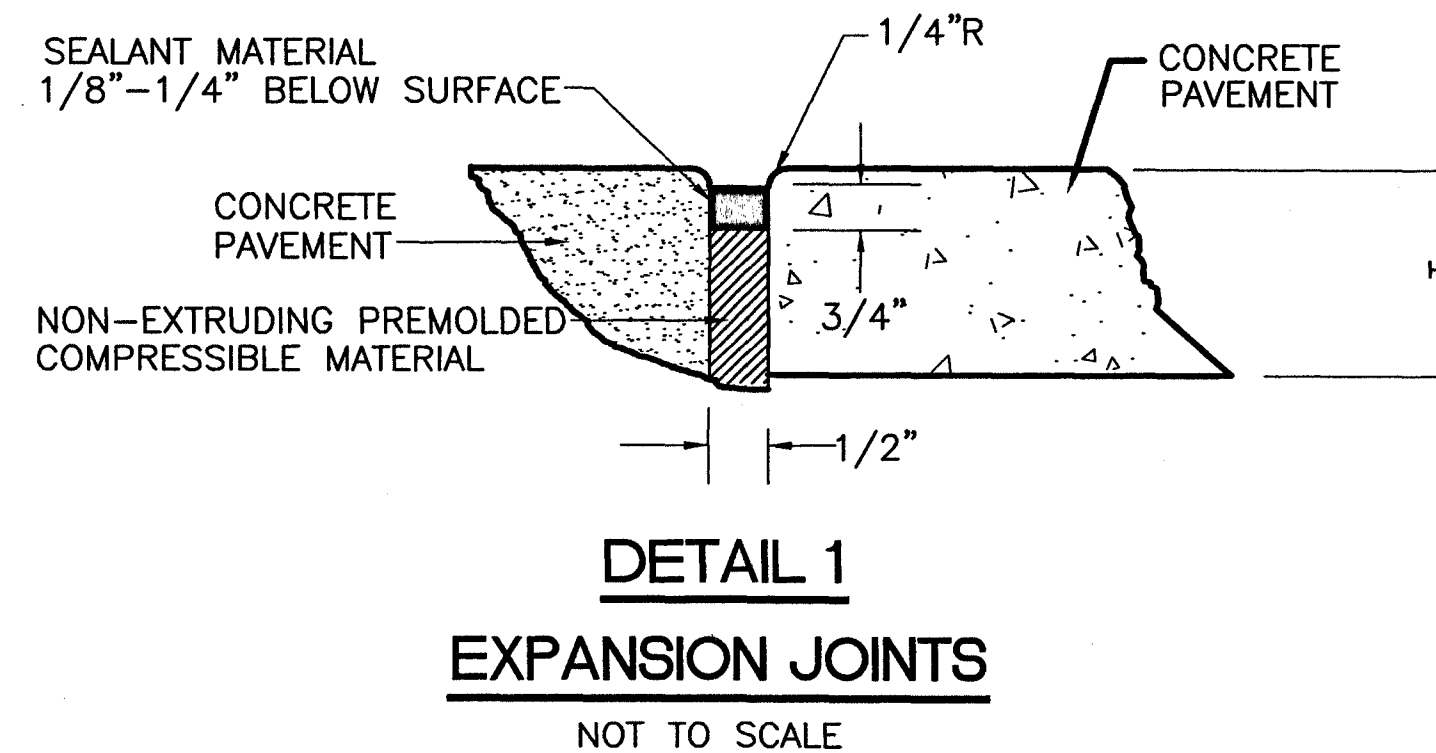
CONTRACTION JOINT
NOT TO SCALE



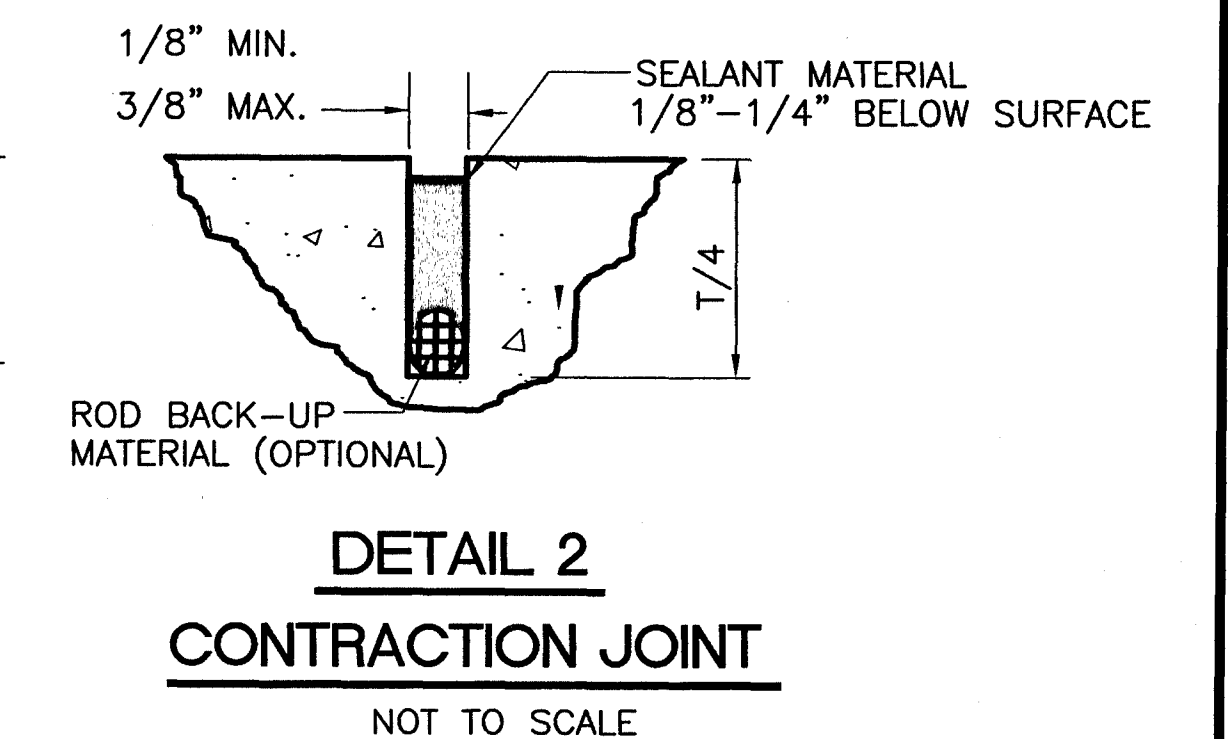
TYPICAL SIDEWALK/PATH DETAIL
NOT TO SCALE



DETAIL-TRUNCATED DOME PATTERN/SPACING
(TYPICAL ALL DETECTABLE WARNINGS)
NOT TO SCALE



DETAIL 1
EXPANSION JOINTS
NOT TO SCALE



DETAIL 2
CONTRACTION JOINT
NOT TO SCALE

SIDEWALK NOTES:

1. ALL SIDEWALK TO RECEIVE LIGHT BROOM FINISH.
2. PROVIDE 1/2" EXPANSION JOINTS IN SIDEWALKS @ 60' MAX SPACING.
3. PROVIDE TOOLED CONTRACTION JOINTS IN SIDEWALKS @ 6' SPACINGS.
4. INSTALL EXPANSION JOINT AT THE END OF EACH CONCRETE PLACEMENT.

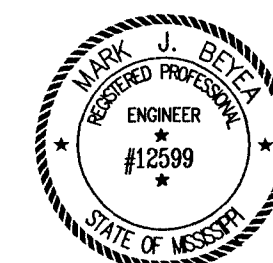
NOTICE TO DRAWING HOLDER

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734miscdetails.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	M.J.B. DATE: 06/12/06
DRWN:	A.R.W. DATE: 06/12/06
CHKD:	DATE:
QA/QC:	DATE:

RENAISSANCE AT COLONY PARKWAY
ROADWAY IMPROVEMENTS
N.S. ACCOUNT NO. 05734.050



SEAL:

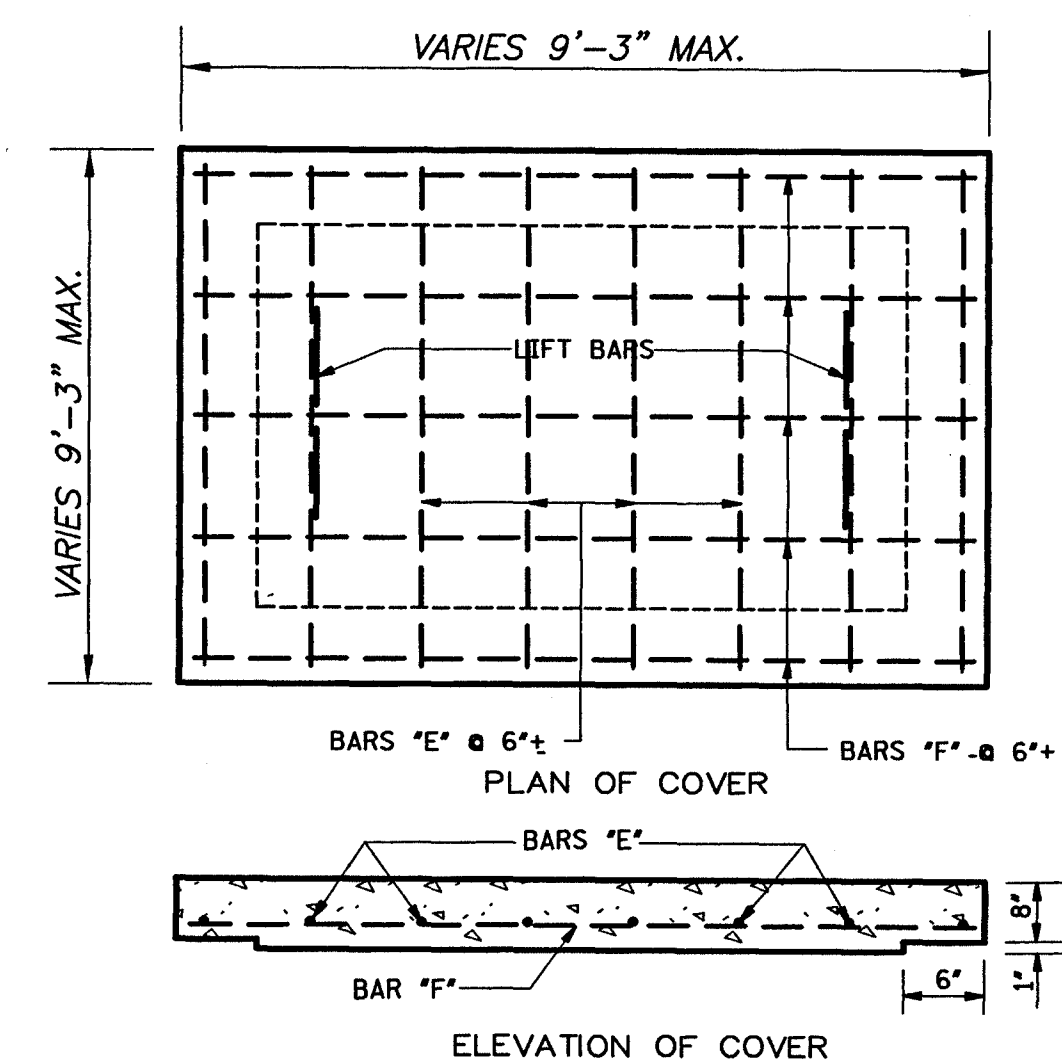
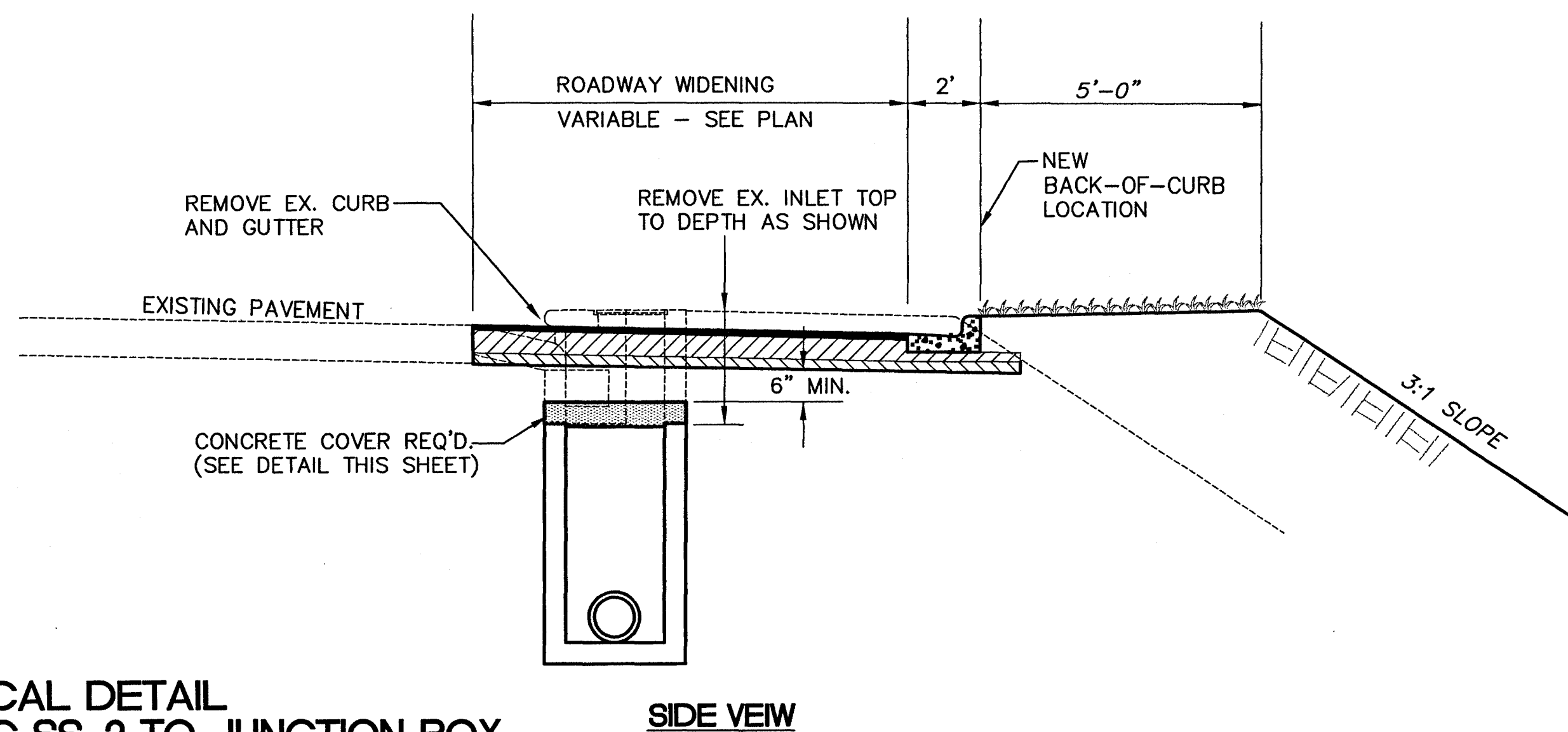
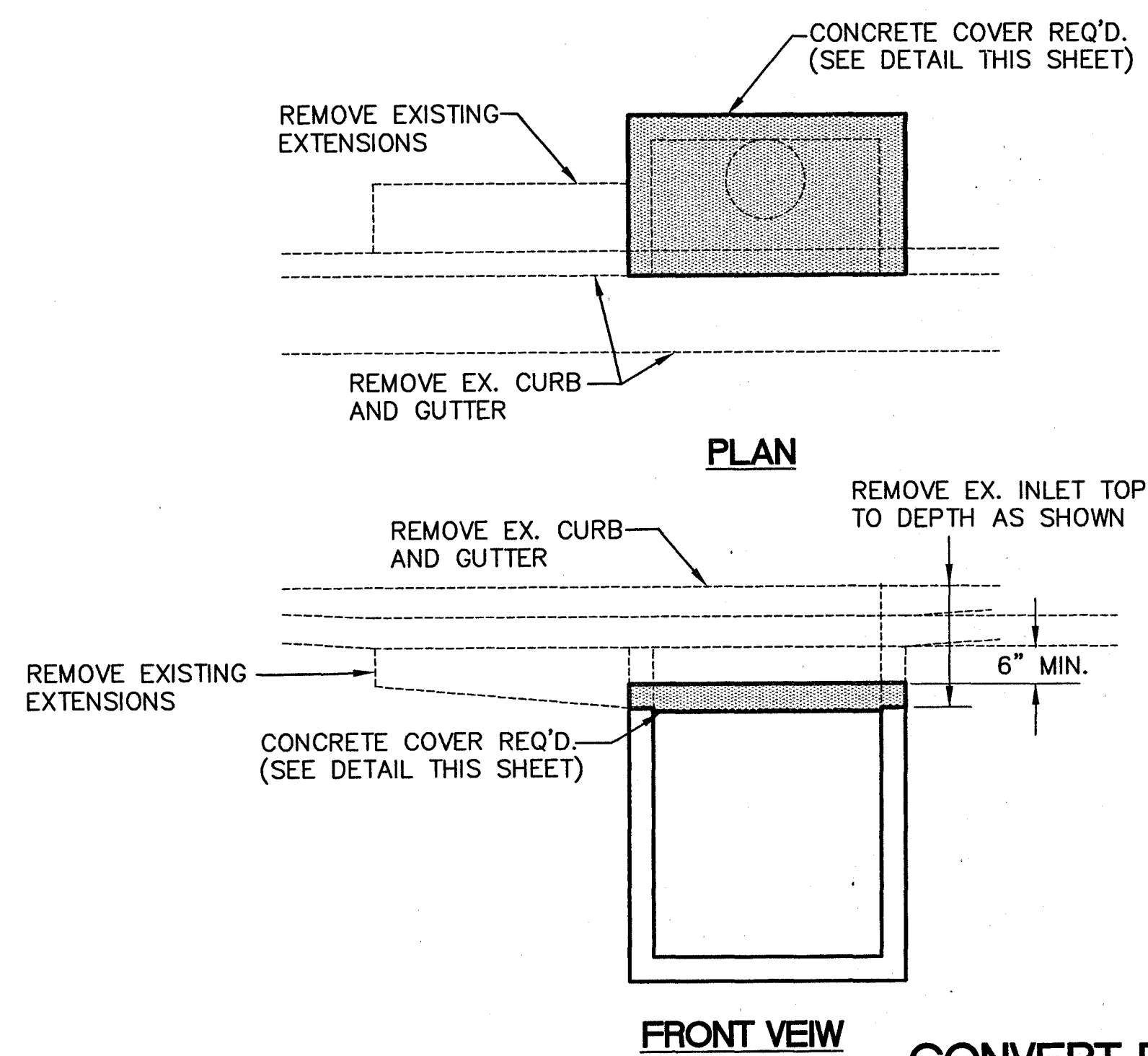
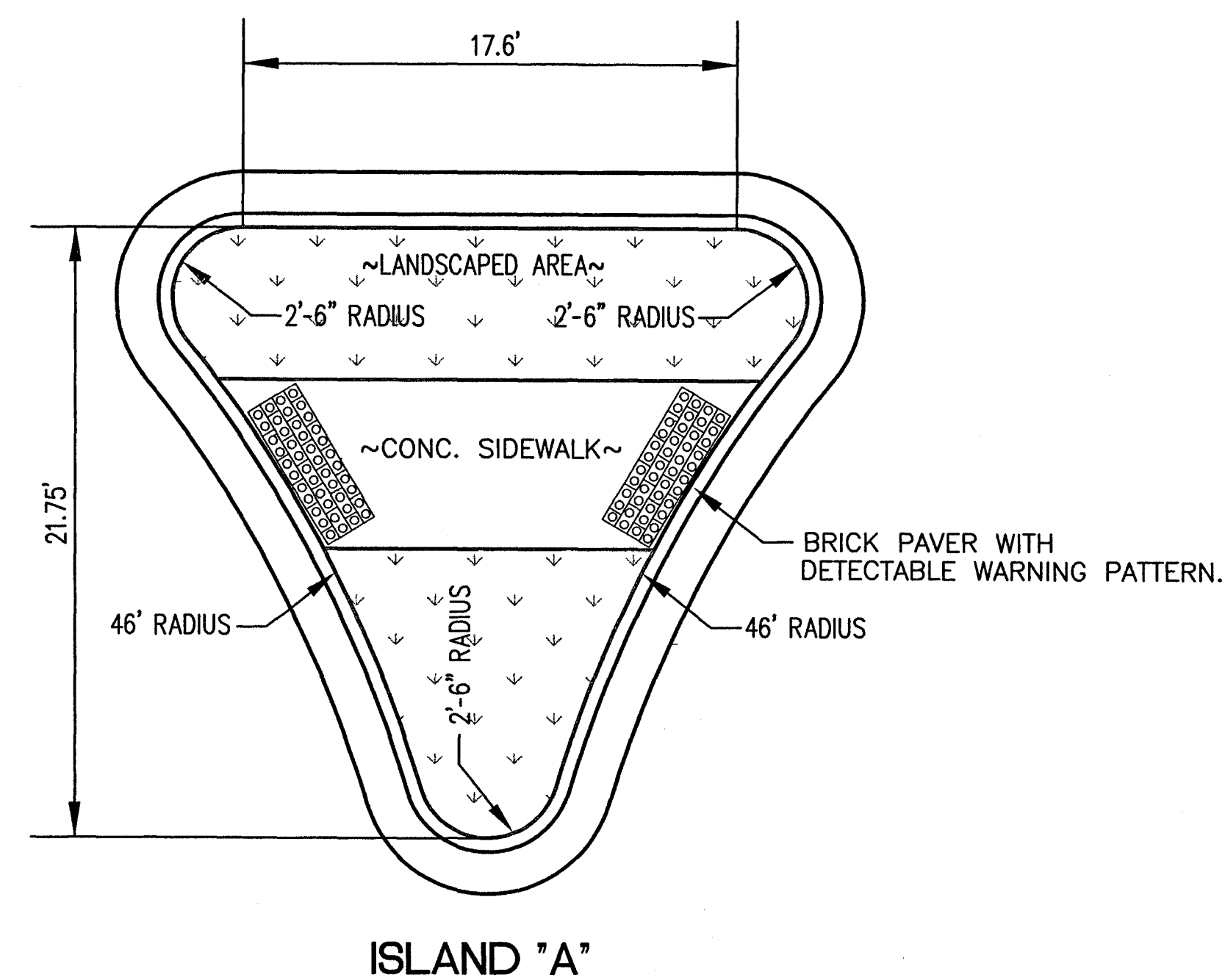
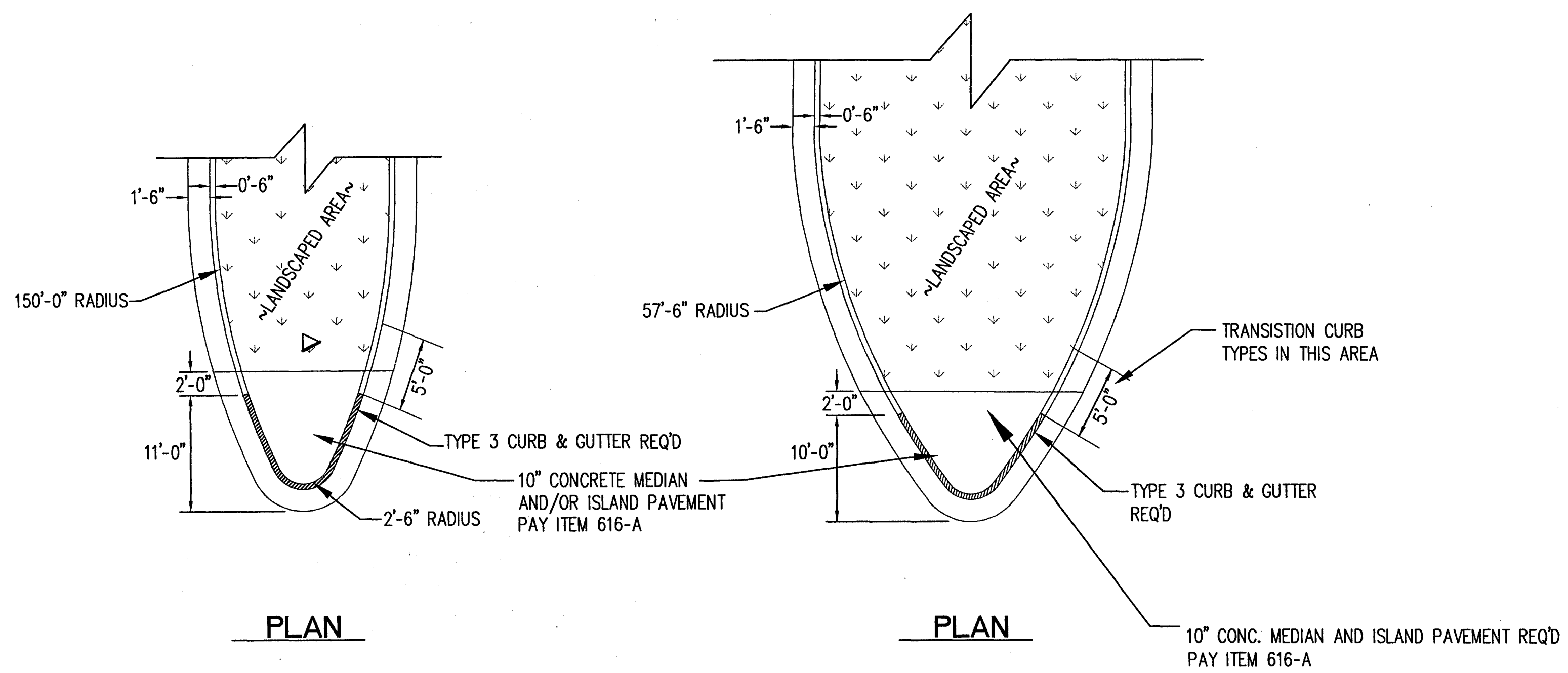


1230 Highway 51 North
Madison, MS 39110
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MISCELLANEOUS DETAILS

WORKING NUMBER:
MD-3

DRAWING NUMBER:
28



TYPICAL DETAIL
CONVERT EXISTING SS-2 TO JUNCTION BOX
 (ABSORBED IN PAY ITEM 907-613-D-1-PP)

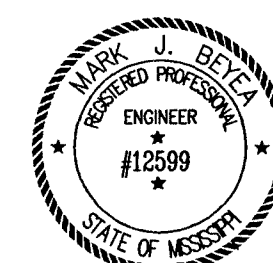
JUNCTION BOX COVER DETAIL
 (ABSORBED IN PAY ITEM 907-613-D-1-PP)

NOTICE TO DRAWING HOLDER
 NEEL-SCHAFFER, INC., HERINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

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NO.	DATE	BY	DESCRIPTION

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N-S PROJECT NO.:	05734.050
FILENAME:	5734miscdetails.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	M.J.B. DATE: 06/12/06
DRWN:	A.R.W. DATE: 06/12/06
CHKD:	DATE:
QA/QC:	DATE:

**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
 N.S. ACCOUNT NO. 05734.050**



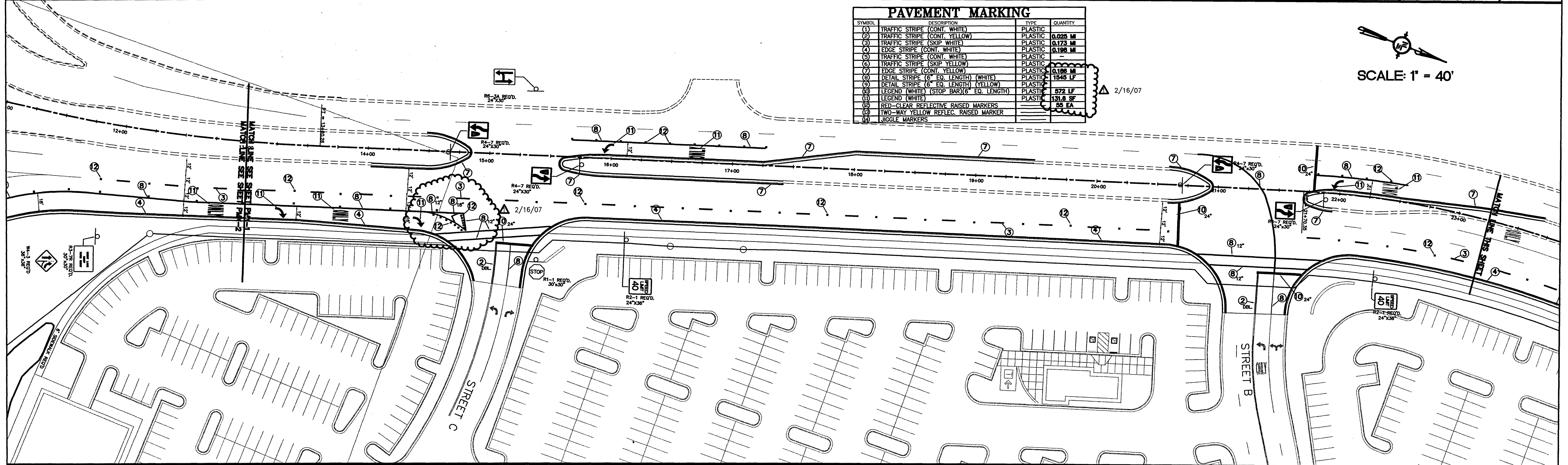
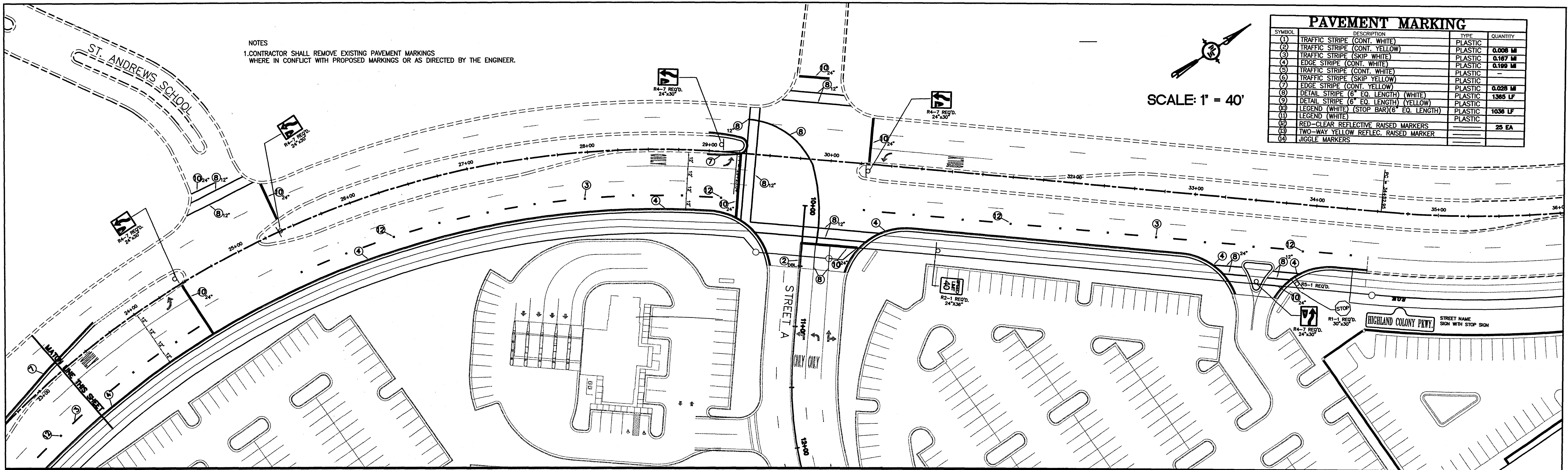
NEEL-SCHAFFER
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ISLAND DETAILS

WORKING NUMBER:
MD-4

DRAWING NUMBER:
29

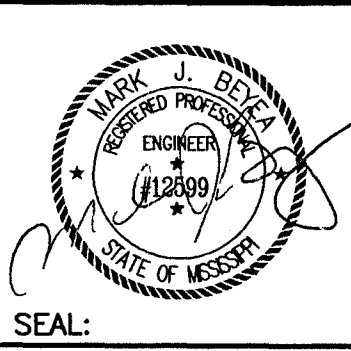


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NO.	DATE	BY	DESCRIPTION
1	2/16/07	INS	ADDED MARKINGS

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734PVMARK.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	M.J.B. DATE: 05/30/06
DRWN:	M.A.L. DATE: 05/30/06
CHKD:	DATE:
QA/QC:	DATE:

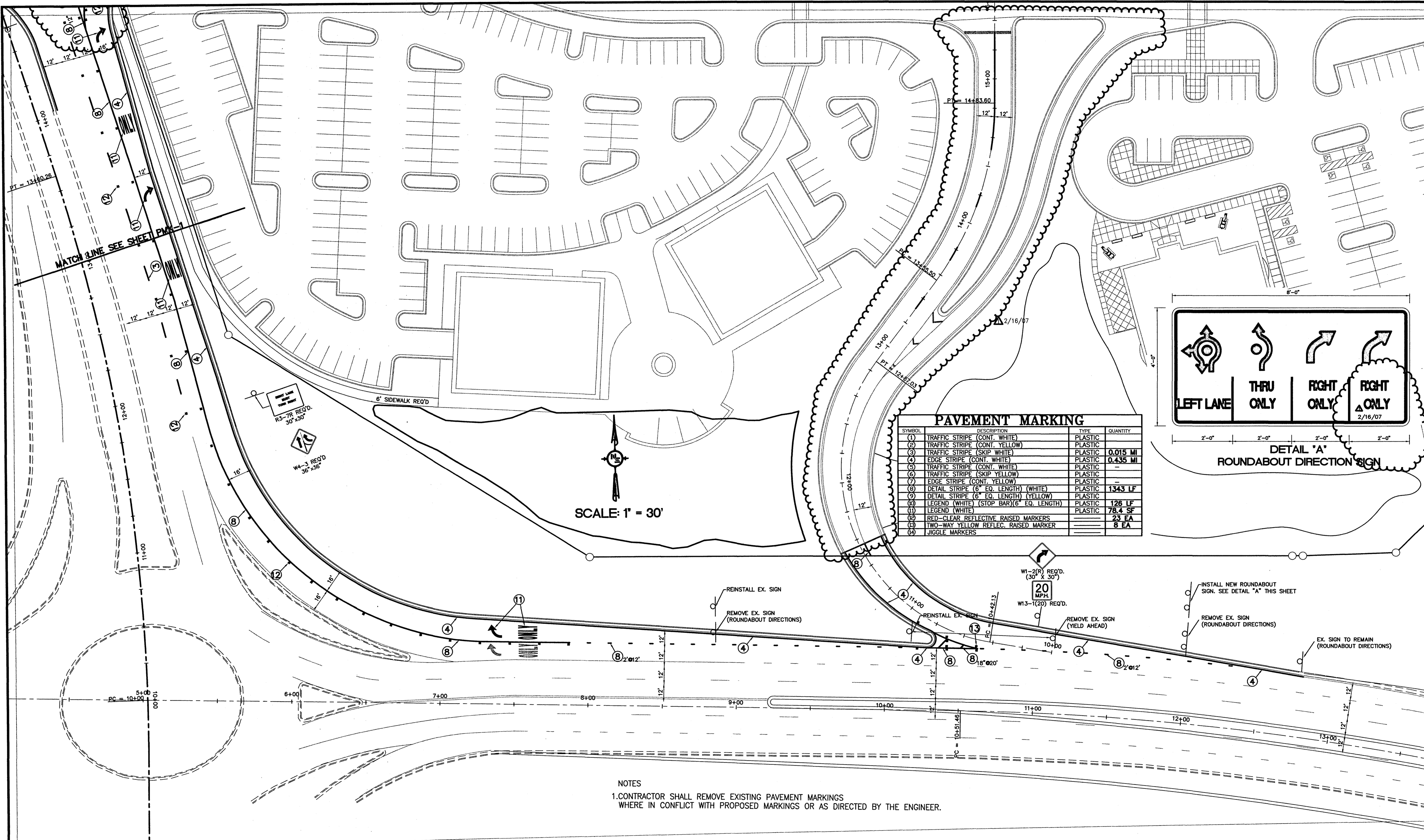
RENAISSANCE AT COLONY PARKWAY
RIDGELAND, MISSISSIPPI
N.S. ACCOUNT NO. 05734.050



NEEL-SCHAFFER
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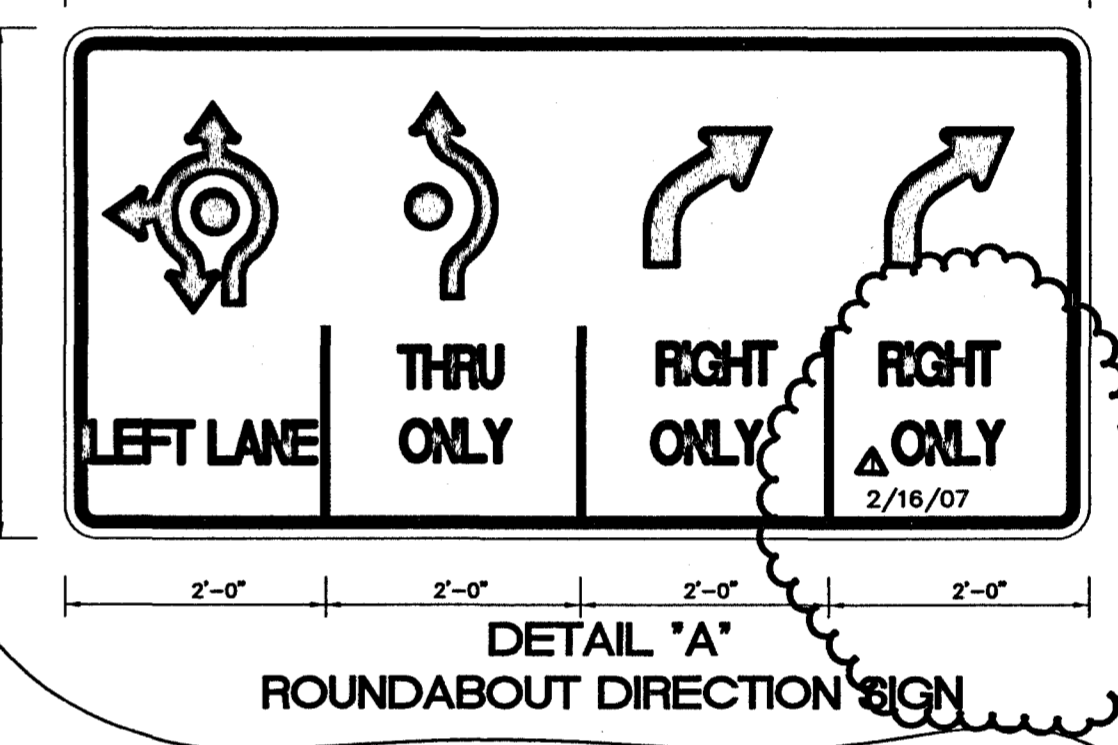
PAVEMENT MARKING AND SIGNING SHEET
HIGHLAND COLONY PARKWAY
WORKING NUMBER: PMK-1
DRAWING NUMBER: 30

T:\Renaissance at Colony Parkway Roadways\dwg\5734PAVMARKREV21507.dwg, 2/22/2007 9:21:20 AM



PAVEMENT MARKING

SYMBOL	DESCRIPTION	TYPE	QUANTITY
(1)	TRAFFIC STRIPE (CONT. WHITE)	PLASTIC	—
(2)	TRAFFIC STRIPE (CONT. YELLOW)	PLASTIC	—
(3)	TRAFFIC STRIPE (SKIP WHITE)	PLASTIC	0.015 MI
(4)	EDGE STRIPE (CONT. WHITE)	PLASTIC	0.435 MI
(5)	TRAFFIC STRIPE (CONT. WHITE)	PLASTIC	—
(6)	TRAFFIC STRIPE (SKIP YELLOW)	PLASTIC	—
(7)	EDGE STRIPE (CONT. YELLOW)	PLASTIC	—
(8)	DETAIL STRIPE (6" EQ. LENGTH) (WHITE)	PLASTIC	1343 LF
(9)	DETAIL STRIPE (6" EQ. LENGTH) (YELLOW)	PLASTIC	—
(10)	LEGEND (WHITE) (STOP BAR)(6" EQ. LENGTH)	PLASTIC	126 LF
(11)	LEGEND (WHITE)	PLASTIC	78.4 SF
(12)	RED-CLEAR REFLECTIVE RAISED MARKERS	—	23 EA
(13)	TWO-WAY YELLOW REFLEC. RAISED MARKER	—	8 EA
(14)	JIGGLE MARKERS	—	—



SCALE: 1" = 30'

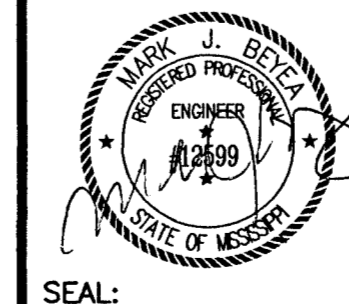
NOTES
 1. CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS WHERE IN CONFLICT WITH PROPOSED MARKINGS OR AS DIRECTED BY THE ENGINEER.

NOTICE TO DRAWING HOLDER
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REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	2/16/07	NS	DELETED SOUTH ACCESS ROAD, REV. SIGN

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734PAVMARKREV21507.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	M.J.R. DATE: 05/30/06
DRWN:	M.A.L. DATE: 05/30/06
CHKD:	DATE:
QA/QC:	DATE:

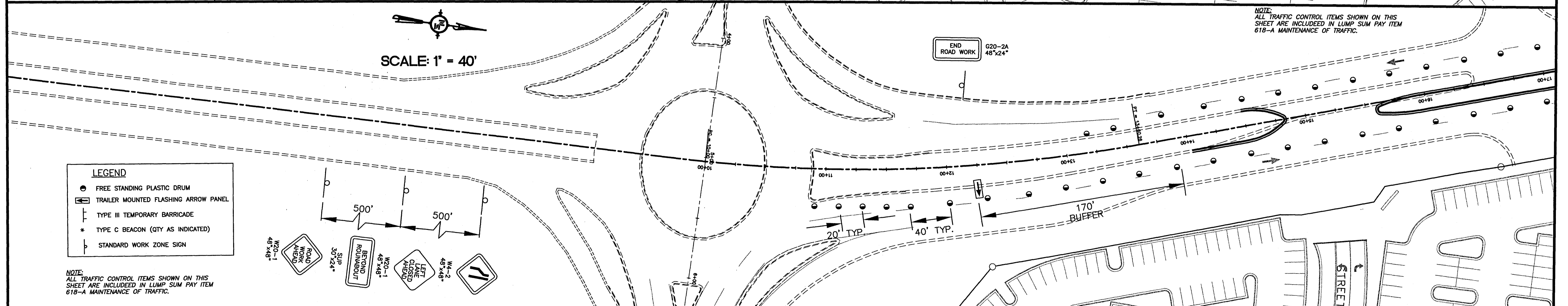
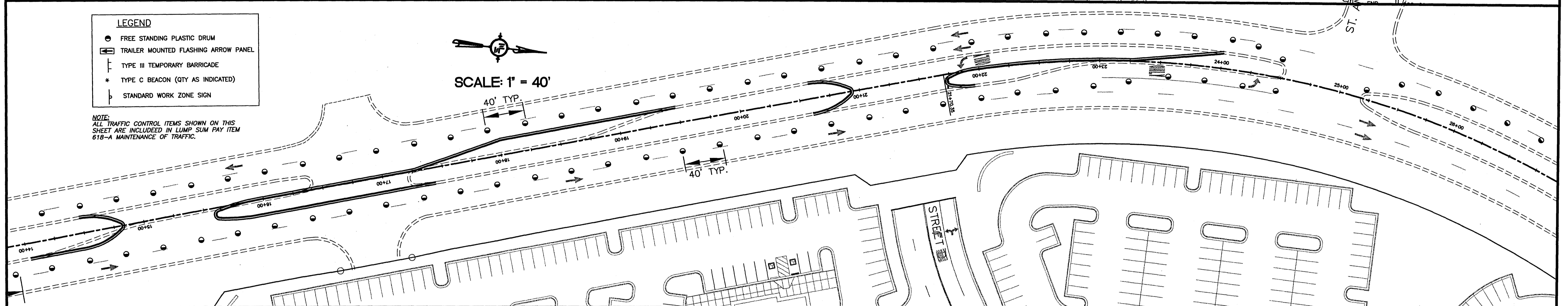
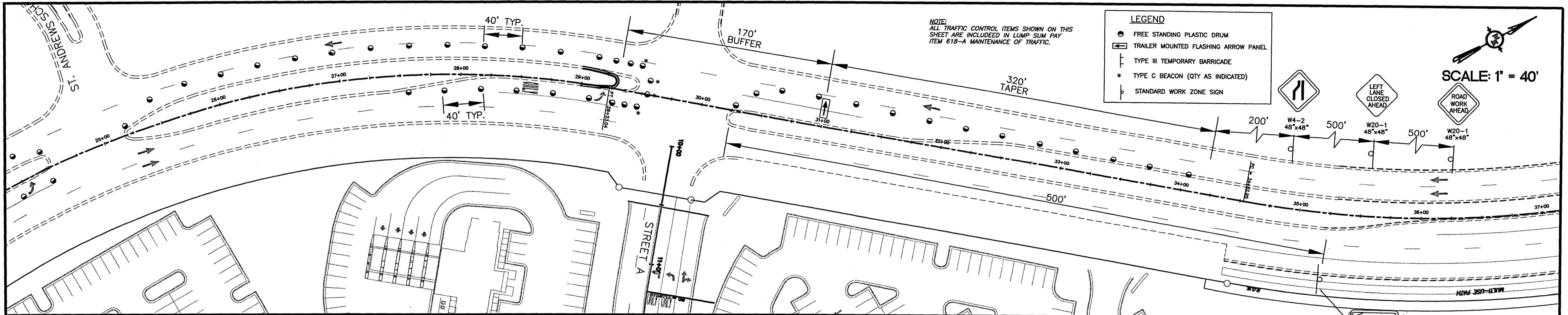
RENAISSANCE AT COLONY PARKWAY
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050



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PAVEMENT MARKING AND SIGNING SHEET	
OLD AGENCY ROAD	
WORKING NUMBER:	DRAWING NUMBER:
PMK-2	31

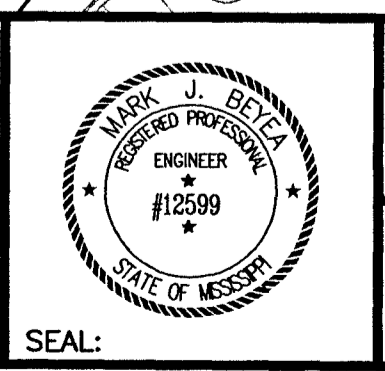


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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION			
N-S PROJECT NO.:	05734.050		
FILENAME:	5734TCP.DWG		
CADD TYPE:	Autocad 2002		
SURVEYED BY:			
DSCN: M.J.B.	DATE:	05/30/06	
DRWN: M.A.L.	DATE:	05/30/06	
CHKD:	DATE:		
QA/QC:	DATE:		

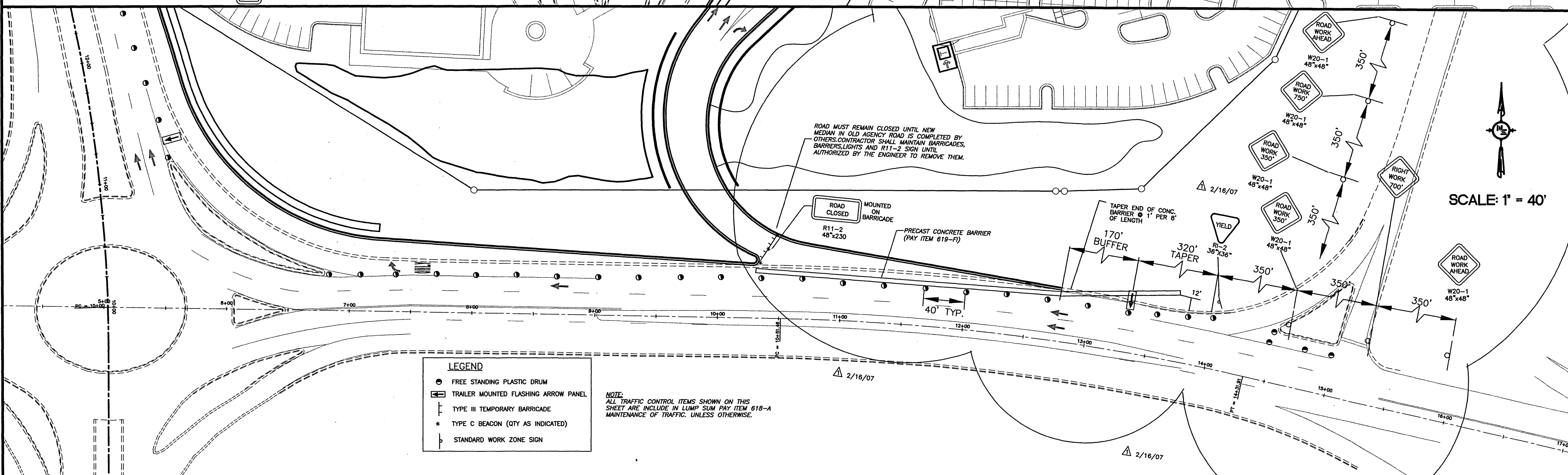
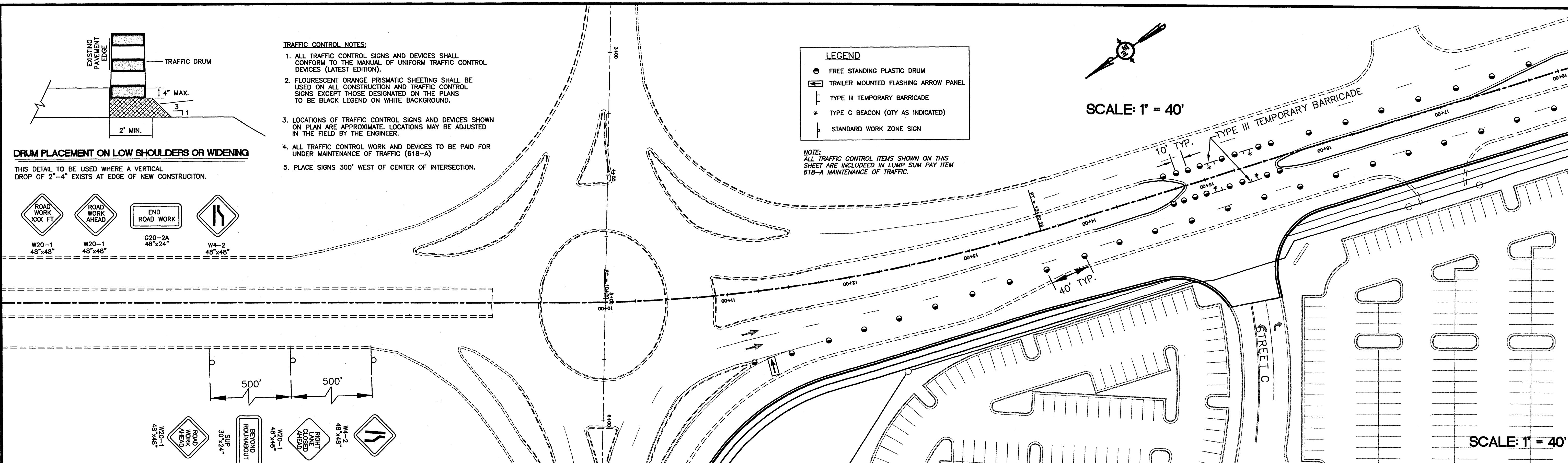
**HIGHLAND COLONY PARKWAY
 AT OLD AGENCY ROAD
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



NEEL-SCHAFFER
Solutions you can build upon
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 Madison, MS 39110
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**TRAFFIC CONTROL PLAN
 PHASE 1**

WORKING NUMBER: TCP-1	DRAWING NUMBER: 32
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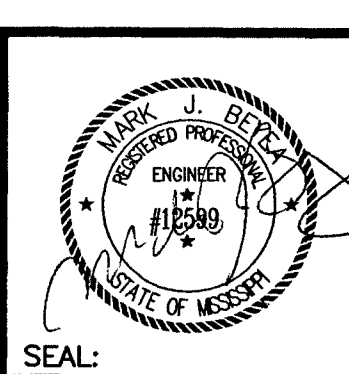


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REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	2-16/07	NS	REVISED PLAN

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734TCPREV21507.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSCN: M.J.B.	DATE: 05/30/06
DRWN: M.A.L.	DATE: 05/30/06
CHKD:	DATE:
QA/QC:	DATE:

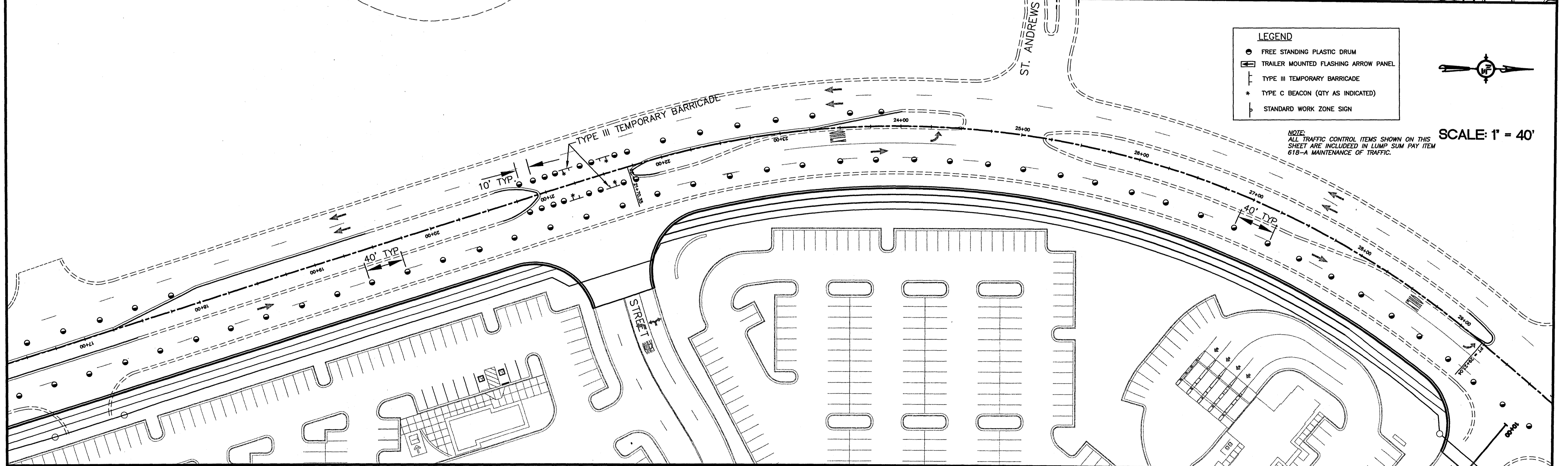
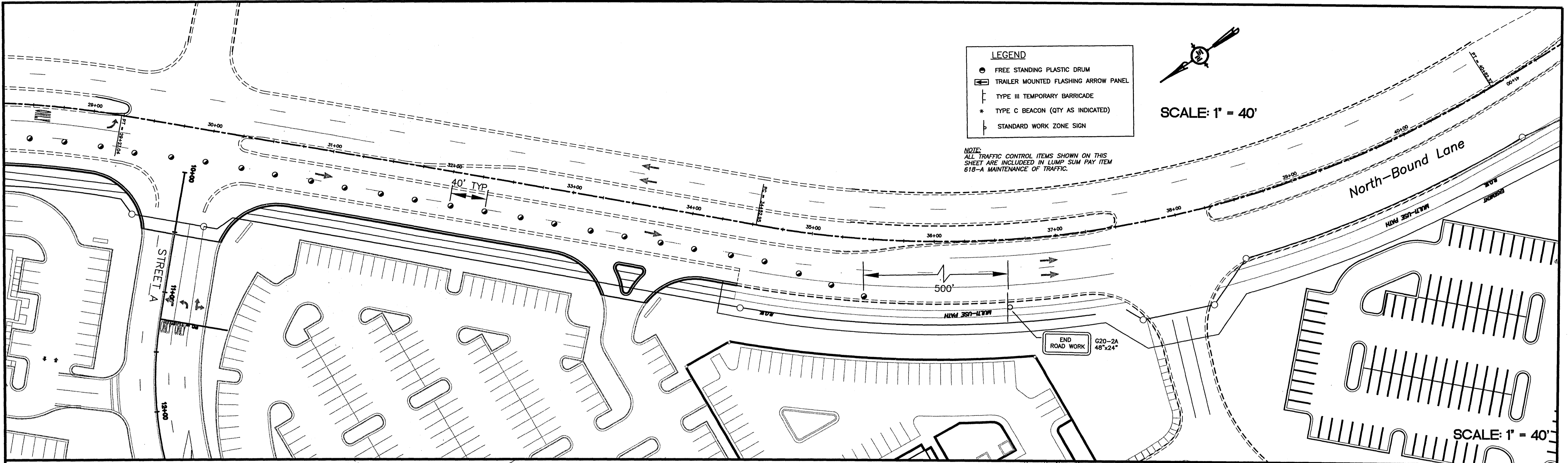
**HIGHLAND COLONY PARKWAY
 AT OLD AGENCY ROAD
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



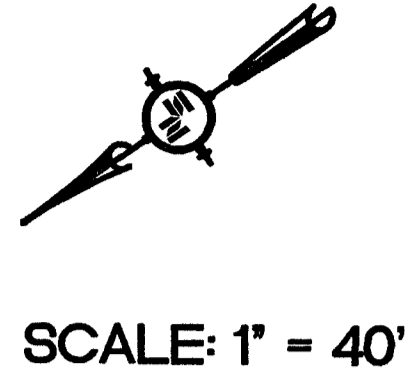
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TRAFFIC CONTROL PLAN PHASE 2	
WORKING NUMBER:	DRAWING NUMBER:
TCP-2	33

T:\Rennoissance at Colony Parkway Roadways\Map\5734TCPREV21507.dwg, 2/22/2007 9:21:38 AM

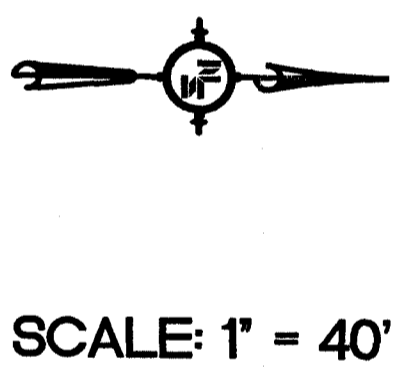


- LEGEND**
- FREE STANDING PLASTIC DRUM
 - ▭ TRAILER MOUNTED FLASHING ARROW PANEL
 - ┆ TYPE III TEMPORARY BARRICADE
 - * TYPE C BEACON (QTY AS INDICATED)
 - ┆ STANDARD WORK ZONE SIGN



NOTE:
ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET ARE INCLUDED IN LUMP SUM PAY ITEM 618-A MAINTENANCE OF TRAFFIC.

- LEGEND**
- FREE STANDING PLASTIC DRUM
 - ▭ TRAILER MOUNTED FLASHING ARROW PANEL
 - ┆ TYPE III TEMPORARY BARRICADE
 - * TYPE C BEACON (QTY AS INDICATED)
 - ┆ STANDARD WORK ZONE SIGN



NOTE:
ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET ARE INCLUDED IN LUMP SUM PAY ITEM 618-A MAINTENANCE OF TRAFFIC.

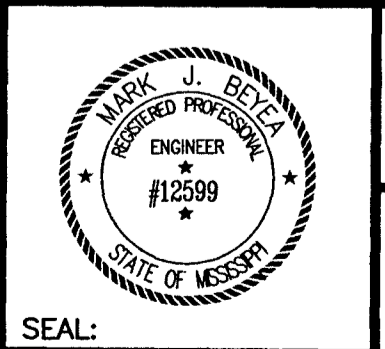
NOTICE TO DRAWING HOLDER
NEEL-SCHAFFER, INC., HERINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION

N-S PROJECT NO.: 05734.050
 FILENAME: 5734TCP.DWG
 CADD TYPE: Autocad 2002
 SURVEYED BY:
 DSGN: M.J.B. DATE: 05/30/06
 DRWN: M.A.L. DATE: 05/30/06
 CHKD: DATE:
 QA/QC: DATE:

**HIGHLAND COLONY PARKWAY
 AT OLD AGENCY ROAD
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



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**TRAFFIC CONTROL PLAN
 PHASE 2**

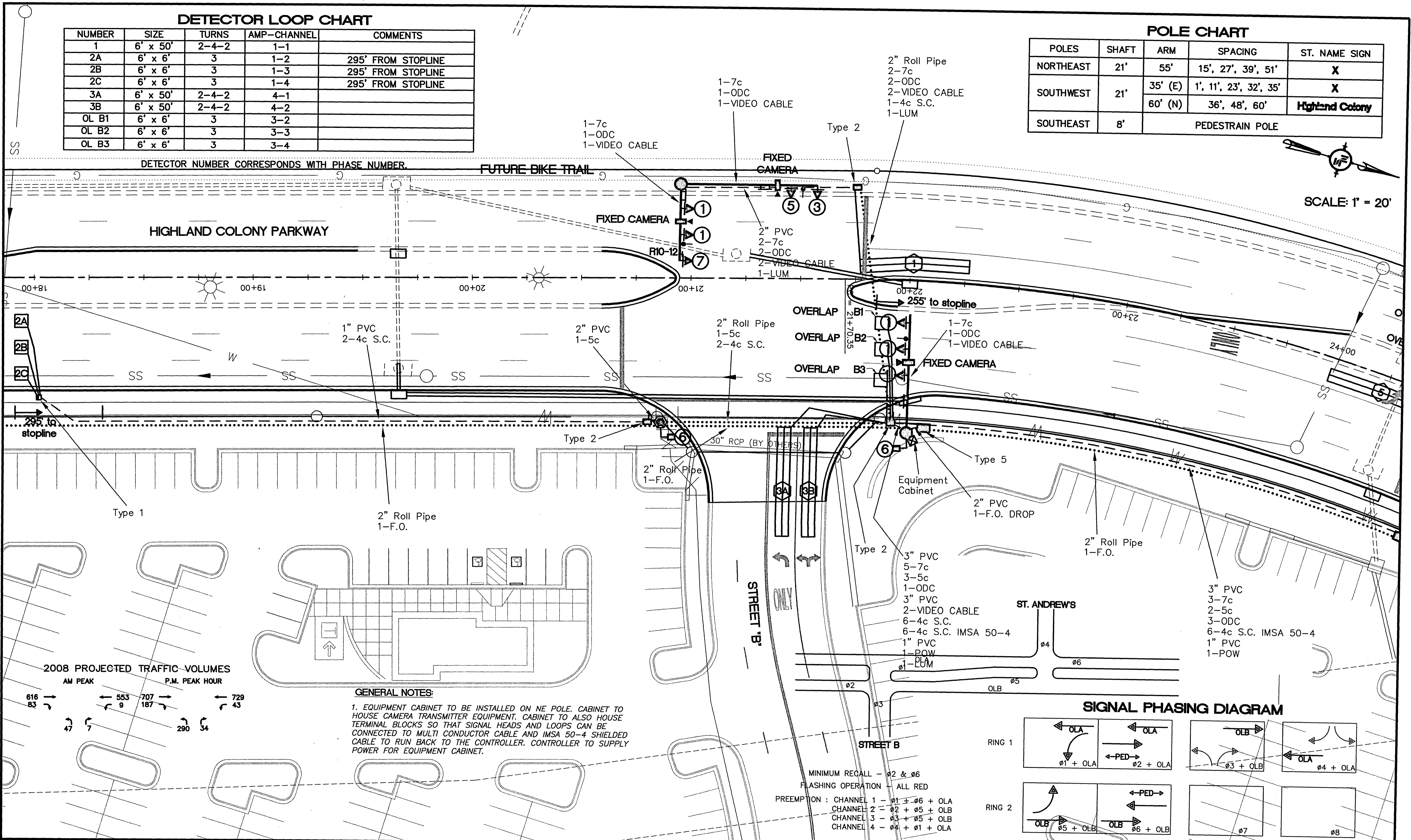
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DETECTOR LOOP CHART

NUMBER	SIZE	TURNS	AMP-CHANNEL	COMMENTS
1	6' x 50'	2-4-2	1-1	
2A	6' x 6'	3	1-2	295' FROM STOPLINE
2B	6' x 6'	3	1-3	295' FROM STOPLINE
2C	6' x 6'	3	1-4	295' FROM STOPLINE
3A	6' x 50'	2-4-2	4-1	
3B	6' x 50'	2-4-2	4-2	
OL B1	6' x 6'	3	3-2	
OL B2	6' x 6'	3	3-3	
OL B3	6' x 6'	3	3-4	

POLE CHART

POLES	SHAFT	ARM	SPACING	ST. NAME SIGN
NORTHEAST	21'	55'	15', 27', 39', 51'	X
SOUTHWEST	21'	35' (E)	1', 11', 23', 32', 35'	X
		60' (N)	36', 48', 60'	Highland Colony
SOUTHEAST	8'	PEDESTRAIN POLE		



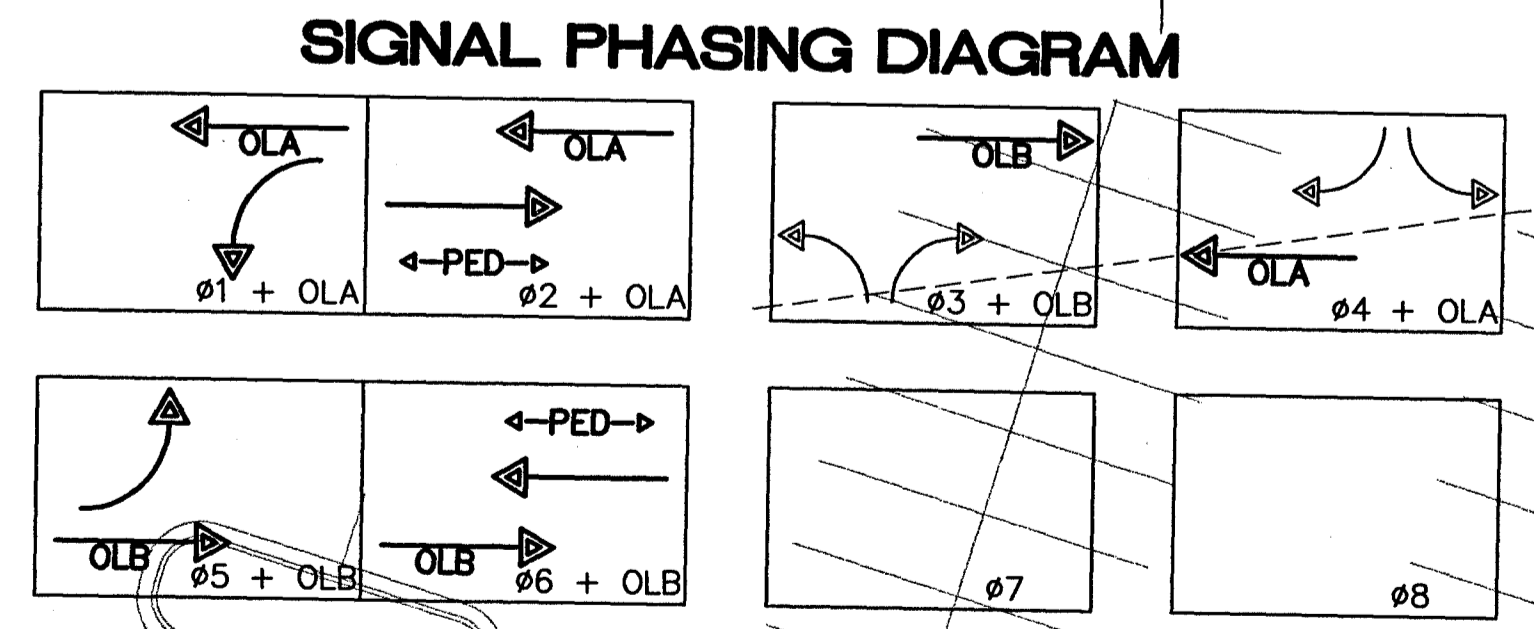
SCALE: 1" = 20'



2008 PROJECTED TRAFFIC VOLUMES

AM PEAK	P.M. PEAK HOUR
616 83	553 9
707 187	729 43
47 7	290 34

GENERAL NOTES:
 1. EQUIPMENT CABINET TO BE INSTALLED ON NE POLE. CABINET TO HOUSE CAMERA TRANSMITTER EQUIPMENT. CABINET TO ALSO HOUSE TERMINAL BLOCKS SO THAT SIGNAL HEADS AND LOOPS CAN BE CONNECTED TO MULTI CONDUCTOR CABLE AND IMSA 50-4 SHIELDED CABLE TO RUN BACK TO THE CONTROLLER. CONTROLLER TO SUPPLY POWER FOR EQUIPMENT CABINET.



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REVISIONS			DRAWING INFORMATION	
NO.	DATE	BY	DESCRIPTION	

DRAWING INFORMATION
 N-S PROJECT NO.: 05734.050
 FILENAME: 5734SIGINSTALL3M.DWG
 CADD TYPE: Autocad 2002
 SURVEYED BY: M.A.L.
 DSGN: M.A.L. DATE: 05/30/06
 DRWN: M.A.L. DATE: 05/30/06
 CHKD: DATE:
 QA/QC: DATE:

RENAISSANCE AT COLONY PARKWAY ROADWAY IMPROVEMENTS
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050

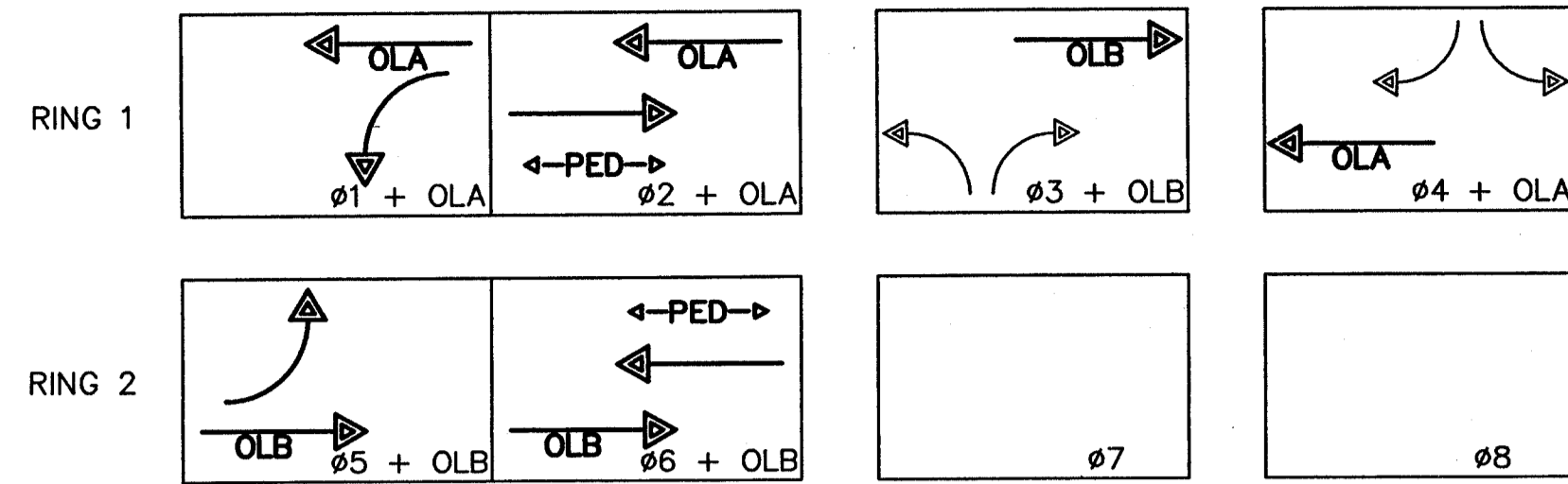
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HIGHLAND COLONY PARKWAY SIGNAL INSTALLATION • STREET B

WORKING NUMBER: SI-1
 DRAWING NUMBER: 35

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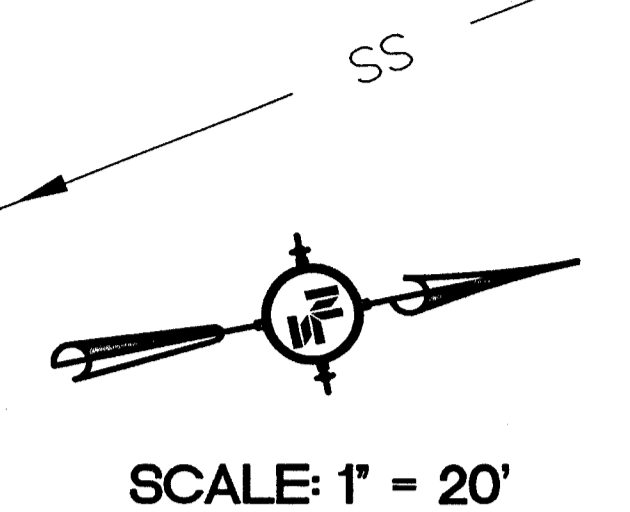
SIGNAL PHASING DIAGRAM



ST. ANDREW'S
 MINIMUM RECALL - $\phi 2$ & $\phi 6$
 FLASHING OPERATION - ALL RED
 PREEMPTION: CHANNEL 1 - $\phi 1 + \phi 6 + OLA$
 CHANNEL 2 - $\phi 2 + \phi 5 + OLB$
 CHANNEL 3 - $\phi 3 + \phi 5 + OLB$
 CHANNEL 4 - $\phi 4 + \phi 1 + OLA$

POLE CHART

POLES	SHAFT	ARM	SPACING	ST. NAME SIGN
NORTHEAST	21'	60' (W) 45' (S)	13', 22', 40', 55', 58'	X Highland Colony
SOUTHWEST	30'	40'	14', 26', 38'	X
SOUTHEAST	8'	PEDESTRAIN POLE		

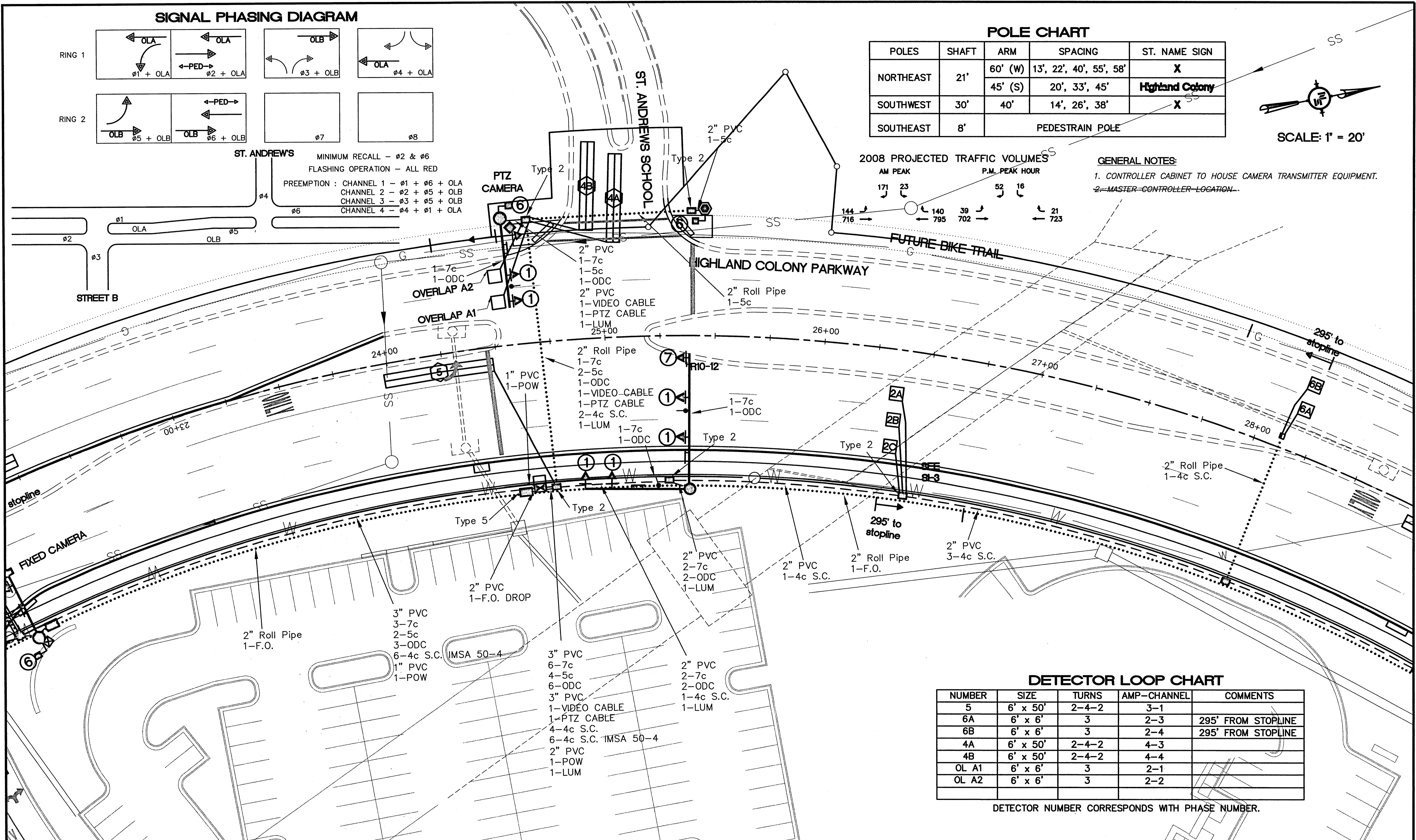


2008 PROJECTED TRAFFIC VOLUMES

AM PEAK	P.M. PEAK HOUR
171 716	52 723
23	16
140 795	39 702
	21

GENERAL NOTES:

1. CONTROLLER CABINET TO HOUSE CAMERA TRANSMITTER EQUIPMENT.
2. MASTER-CONTROLLER-LOCATION...



DETECTOR LOOP CHART

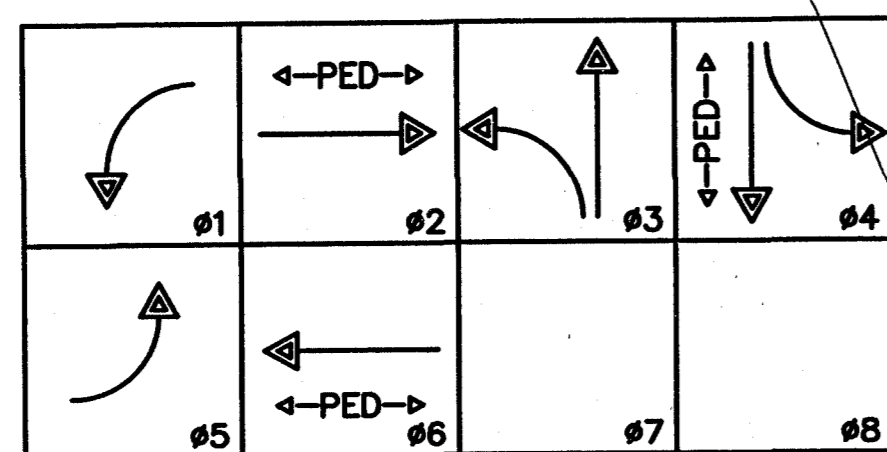
NUMBER	SIZE	TURNS	AMP-CHANNEL	COMMENTS
5	6' x 50'	2-4-2	3-1	
6A	6' x 6'	3	2-3	295' FROM STOPLINE
6B	6' x 6'	3	2-4	295' FROM STOPLINE
4A	6' x 50'	2-4-2	4-3	
4B	6' x 50'	2-4-2	4-4	
OL A1	6' x 6'	3	2-1	
OL A2	6' x 6'	3	2-2	

DETECTOR NUMBER CORRESPONDS WITH PHASE NUMBER.

<p>NOTICE TO DRAWING HOLDER NEEL-SCHAFFER, INC., HERINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.</p>	<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	DESCRIPTION					<p>DRAWING INFORMATION N-S PROJECT NO.: 05734.050 FILENAME: 5734SIGINSTALL3M.DWG CADD TYPE: Autocad 2002 SURVEYED BY: M.J.B. DATE: 05/30/08 DRWN: M.A.L. DATE: 05/30/08 CHKD: DATE: QA/QC: DATE: </p>		<p>RENAISSANCE AT COLONY PARKWAY ROADWAY IMPROVEMENTS RIDGELAND, MISSISSIPPI N.S. ACCOUNT NO. 05734.050</p>		<p>NEEL-SCHAFFER Solutions you can build upon 1230 Highway 51 North Madison, MS 39110 PH: (601)898-8118 / FAX: (601)898-2460</p>	<p>HIGHLAND COLONY PARKWAY SIGNAL INSTALLATION • SAINT ANDREWS SCHOOL</p>
	NO.	DATE	BY	DESCRIPTION												
<p>WORKING NUMBER: SI-2</p>	<p>DRAWING NUMBER: 36</p>															

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SIGNAL PHASING DIAGRAM

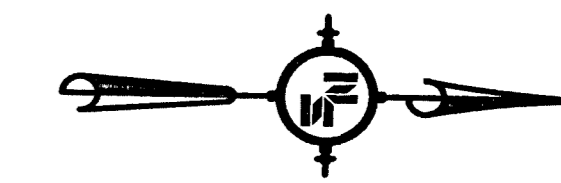


VOLUME/DENSITY TIMING REQUIRED FOR PHASES 2 & 6.
 MINIMUM RECALL FLASHING OPERATION- #2 & #6
 FUTURE PHASES- #7 & #8
 FLASHING OPERATION-
 RED: #2, #3, #4 & #6
 NO FLASH: #1 & #5

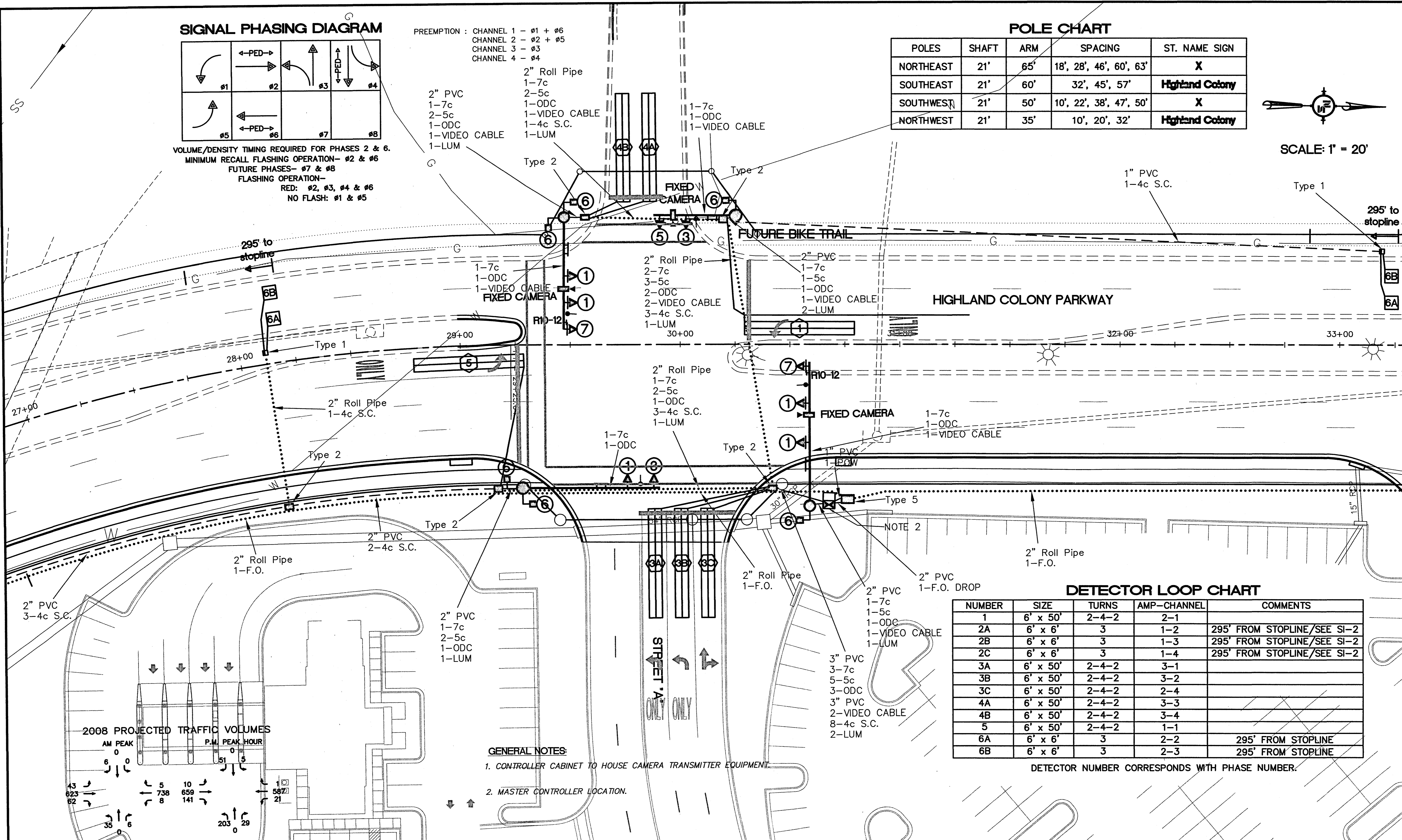
PREEMPTION : CHANNEL 1 - #1 + #6
 CHANNEL 2 - #2 + #5
 CHANNEL 3 - #3
 CHANNEL 4 - #4

POLE CHART

POLES	SHAFT	ARM	SPACING	ST. NAME SIGN
NORTHEAST	21'	65'	18', 28', 46', 60', 63'	X
SOUTHEAST	21'	60'	32', 45', 57'	Highland Colony
SOUTHWEST	21'	50'	10', 22', 38', 47', 50'	X
NORTHWEST	21'	35'	10', 20', 32'	Highland Colony



SCALE: 1" = 20'



2008 PROJECTED TRAFFIC VOLUMES

AM PEAK	P.M. PEAK HOUR
43 623 62	5 738 8
10 659 141	1 587 21
35 0 6	203 0 29

GENERAL NOTES:
 1. CONTROLLER CABINET TO HOUSE CAMERA TRANSMITTER EQUIPMENT.
 2. MASTER CONTROLLER LOCATION.

DETECTOR LOOP CHART

NUMBER	SIZE	TURNS	AMP-CHANNEL	COMMENTS
1	6' x 50'	2-4-2	2-1	
2A	6' x 6'	3	1-2	295' FROM STOPLINE/SEE SI-2
2B	6' x 6'	3	1-3	295' FROM STOPLINE/SEE SI-2
2C	6' x 6'	3	1-4	295' FROM STOPLINE/SEE SI-2
3A	6' x 50'	2-4-2	3-1	
3B	6' x 50'	2-4-2	3-2	
3C	6' x 50'	2-4-2	2-4	
4A	6' x 50'	2-4-2	3-3	
4B	6' x 50'	2-4-2	3-4	
5	6' x 50'	2-4-2	1-1	
6A	6' x 6'	3	2-2	295' FROM STOPLINE
6B	6' x 6'	3	2-3	295' FROM STOPLINE

DETECTOR NUMBER CORRESPONDS WITH PHASE NUMBER.

NOTICE TO DRAWING HOLDER
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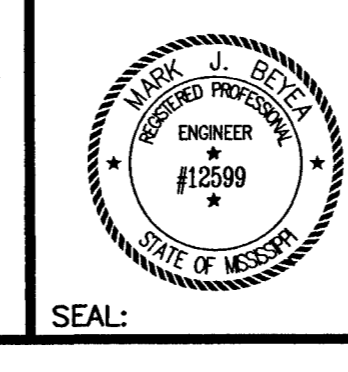
REVISIONS

NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION

N-S PROJECT NO.:	05734.050
FILENAME:	5734SIGINSTALL3M.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	M.J.B. DATE: 05/30/06
DRWN:	M.A.L. DATE: 05/30/06
CHKD:	DATE:
QA/QC:	DATE:

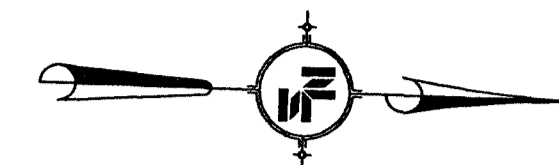
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HIGHLAND COLONY PARKWAY SIGNAL INSTALLATION
 • STREET 'A'

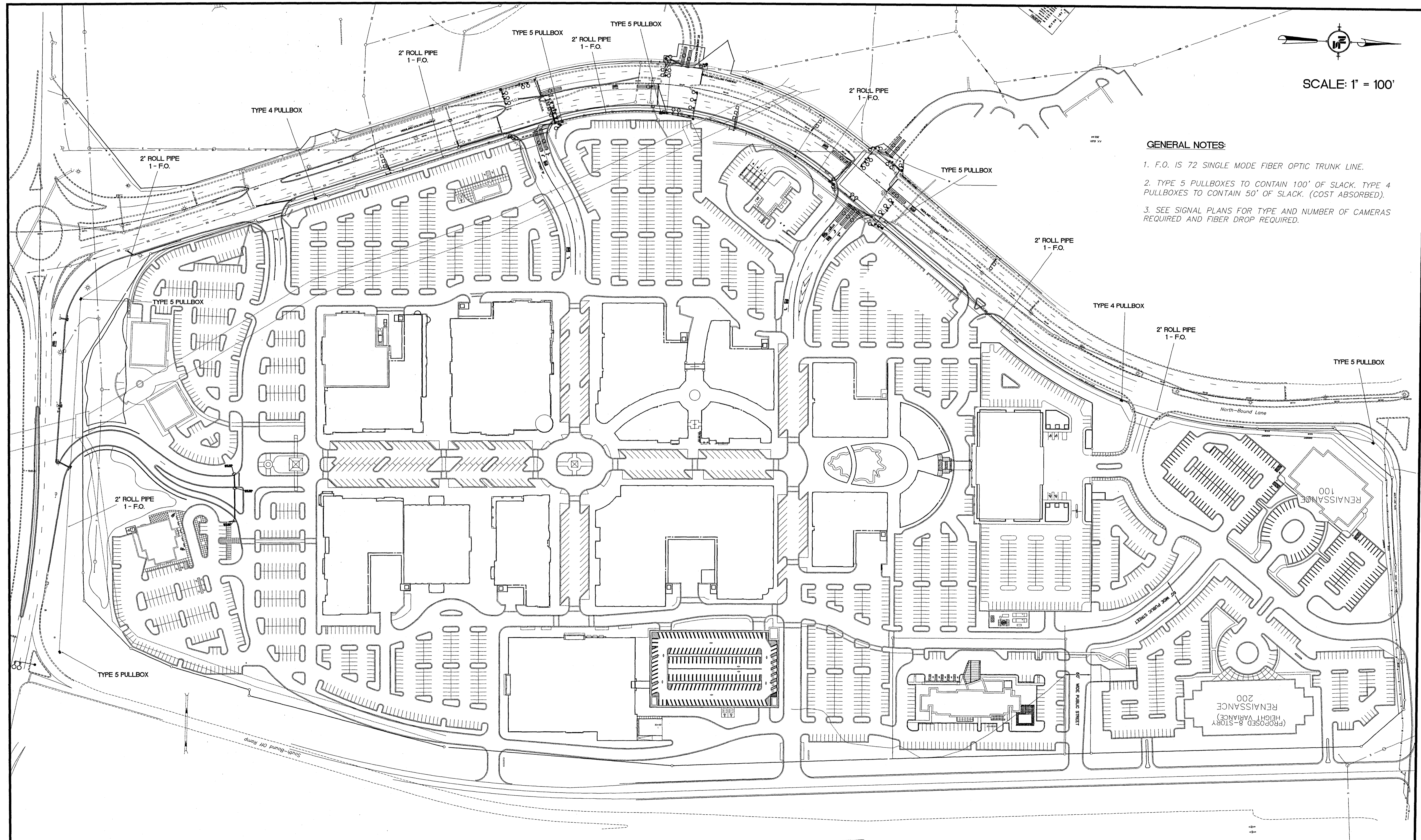
WORKING NUMBER: SI-3	DRAWING NUMBER: 37
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SCALE: 1" = 100'

GENERAL NOTES:

1. F.O. IS 72 SINGLE MODE FIBER OPTIC TRUNK LINE.
2. TYPE 5 PULLBOXES TO CONTAIN 100' OF SLACK. TYPE 4 PULLBOXES TO CONTAIN 50' OF SLACK. (COST ABSORBED).
3. SEE SIGNAL PLANS FOR TYPE AND NUMBER OF CAMERAS REQUIRED AND FIBER DROP REQUIRED.



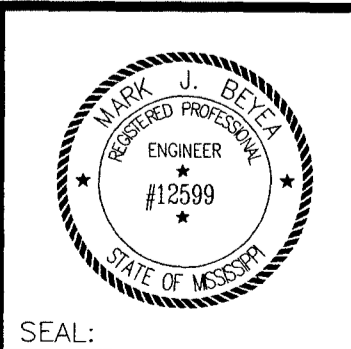
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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734SICINSTALL_3M.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	M.J.B. DATE: 05/30/06
DRWN:	M.A.L. DATE: 05/30/06
CHKD:	DATE:
QA/QC:	DATE:

**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



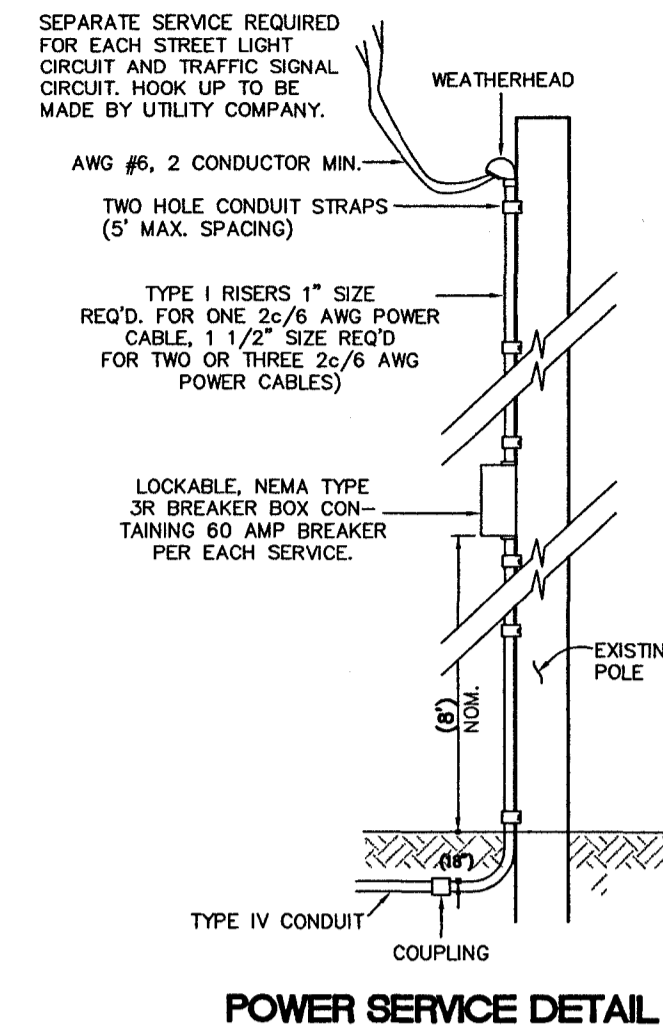
NEEL-SCHAFFER
Solutions you can build upon
 P.O. Box 22625 / 39225-2625
 666 North Street, Suite 201
 Jackson, MS 39202
 PH: (601)948-3071 / FAX: (601)948-3178

HIGHLAND COLONY PARKWAY FIBER OPTIC INTERCONNECT PLAN	
WORKING NUMBER: SI-4	DRAWING NUMBER: 38

STREET NAME SIGN NOTES
 1. STREET NAMES HAVE NOT BEEN DETERMINED. NAMES WILL BE PROVIDED DURING CONSTRUCTION.
 2. COST OF STREET NAME SIGNS SHALL BE ABSORBED IN PAY ITEM 907-639-A, TRAFFIC SIGNAL EQUIPMENT POLE.

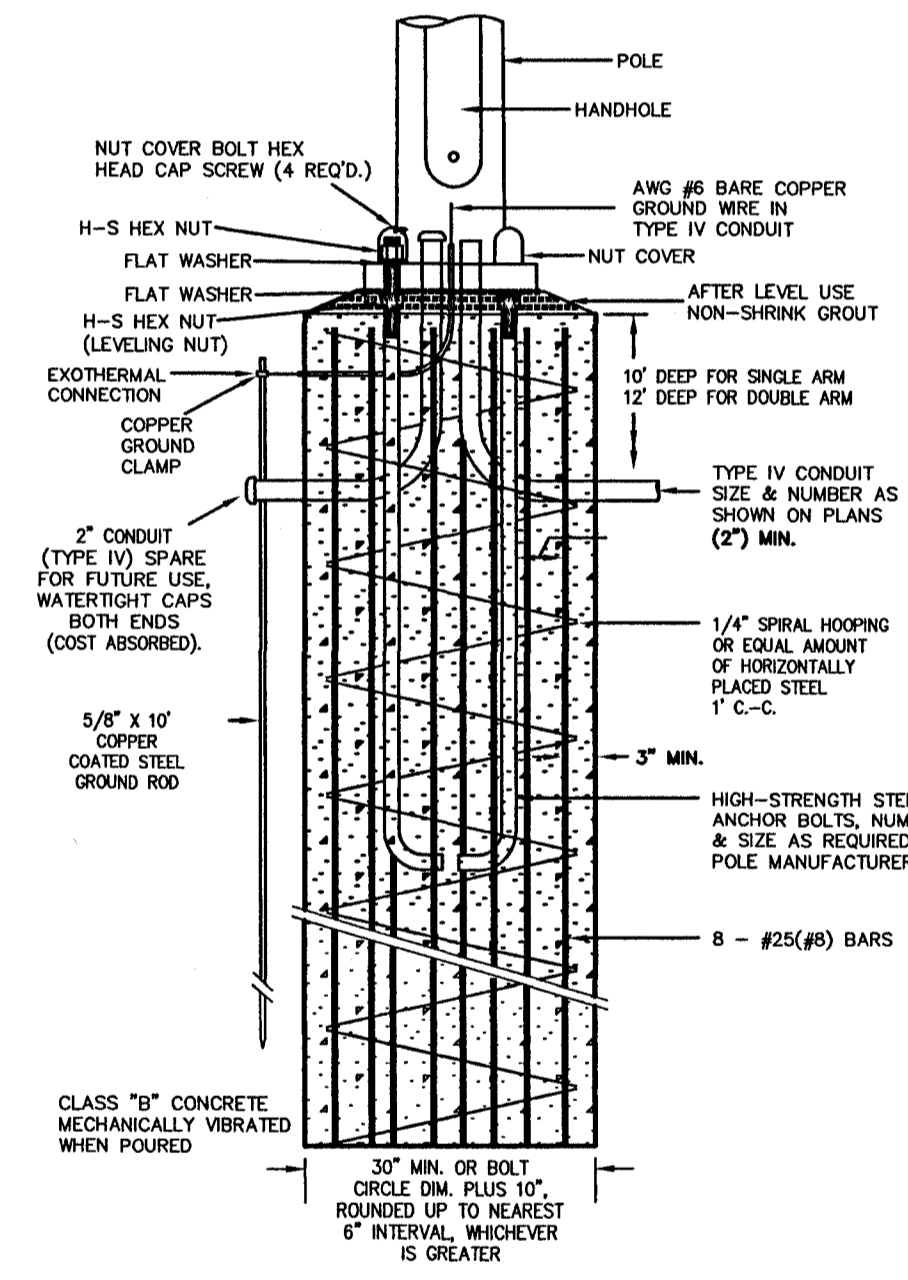
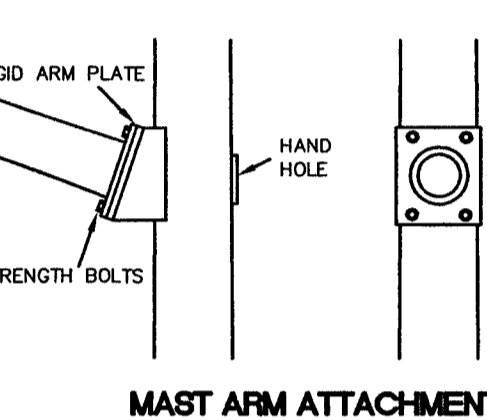
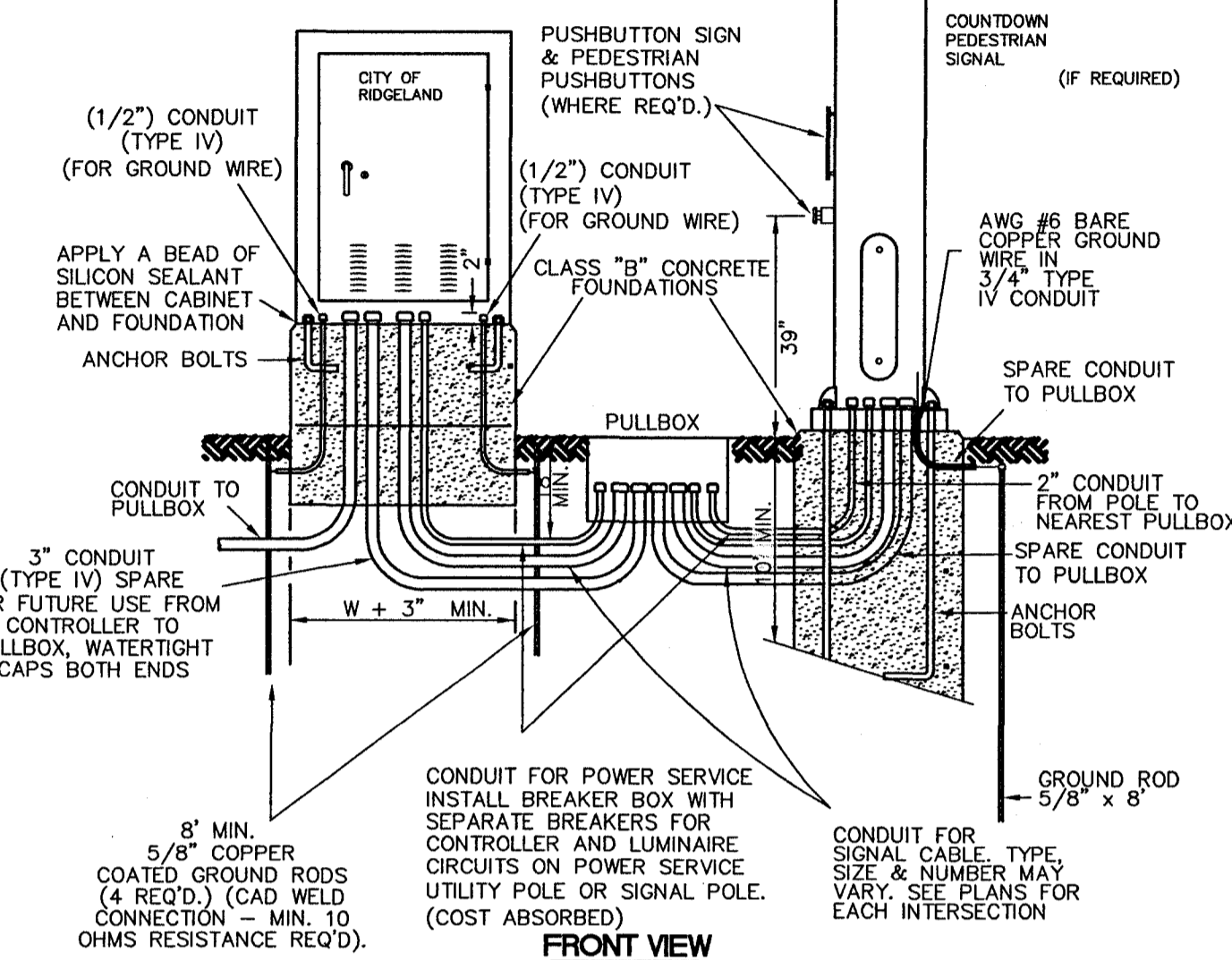
MAST ARM NOTES:
 1. WIRE ENTRANCE TO MAST ARM WILL BE FIELD DRILLED TO CORRESPOND TO THE LOCATION OF THE SIGNAL HEADS WHEN ALIGNED IN THE FIELD.
 2. ALL SIGNAL HEADS TO BE LED & BLACK IN COLOR.
 3. RED SECTION INDICATIONS TO BE APPROXIMATELY SAME HEIGHT.
 4. EXACT DIMENSIONS AND LOCATIONS OF ANCHOR BOLTS TO BE SUPPLIED BY THE POLE MANUFACTURER.
 5. DESIGN WIND LOAD FOR POLES AND MAST ARMS IS 70 MPH.
 6. #6 COPPER GROUND WIRE INSIDE POLE AND MAST ARM TO BE COST ABSORBED.
 7. MAST ARMS, PEDESTRIAN POLES, AND ACCESSORIES SHALL BE POWDER COATED BLACK FINISH.

LUMINAIRE NOTES:
 LUMINAIRE AND PHOTOELECTRIC CONTROL 250 WATT H.P.S. LIGHT FIXTURE WITH 250 WATT LAMPS AND PHOTO CELL TO BE PROVIDED BY THE CONTRACTOR. (COST ABSORBED)
 LUMINAIRE CABLE FROM POLE TO FIXTURE SHALL BE COST ABSORBED.

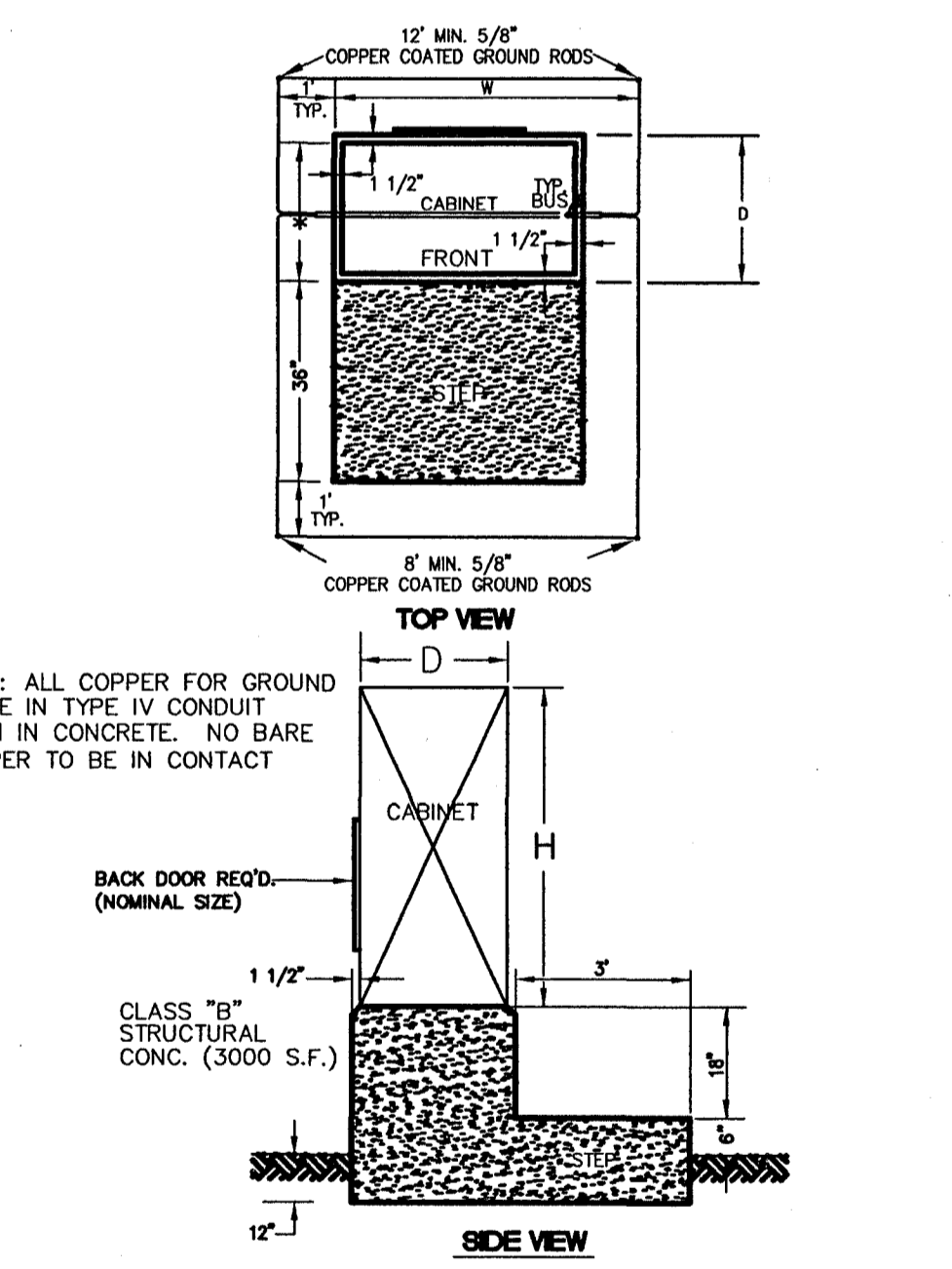


DIMENSIONS OF BASE MOUNTED CONTROLLER EQUIP. CABINETS (MIN.) UP TO AND INCLUDING 4 - PHASE

5 - PHASE THRU 8 - PHASE	WIDTH (W) = 38"
	DEPTH (D) = 24"
	HEIGHT (H) = 54"
	WIDTH (W) = 44"
	DEPTH (D) = 26"
	HEIGHT (H) = 55"

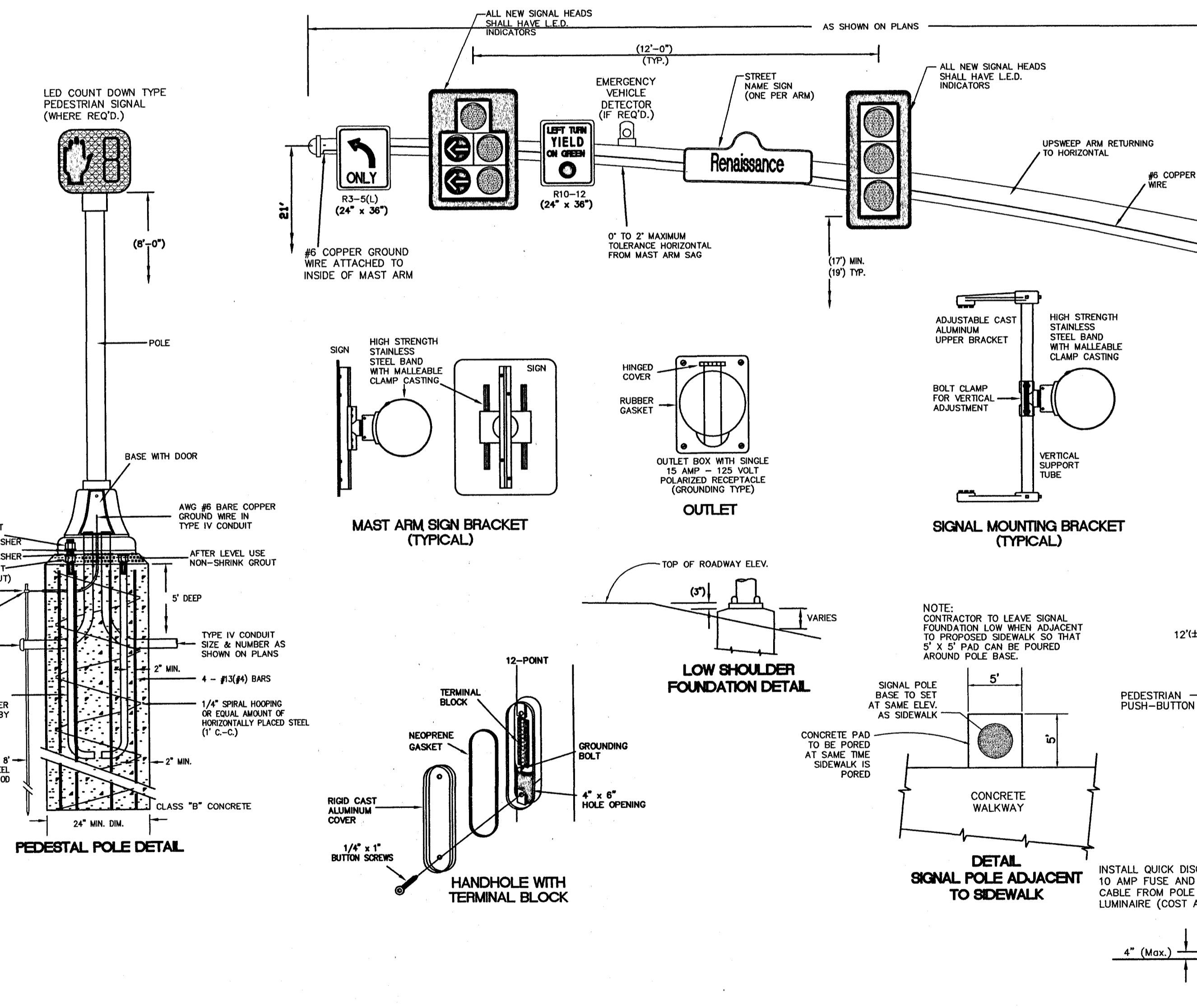


GENERAL FOUNDATION NOTES
 1. EXACT DIMENSIONS AND LOCATIONS OF ANCHOR BOLTS TO BE SUPPLIED BY THE MANUFACTURER. ANY FOUNDATION FAILING TO MEET THESE DIMENSIONS WILL BE REJECTED.
 2. TYPE IV CONDUIT TO BE RUN INTERNALLY FOR CONCRETE AND STEEL POLES; TYPE I CONDUIT RISERS REQUIRED FOR WOOD POLES.
 3. DESIGN WIND LOAD FOR POLES SHALL BE 70 MPH.
 4. FOUNDATIONS TO BE CLASS "B" CONCRETE, MECHANICALLY VIBRATED WHEN POURING.
 5. MINIMUM STEEL POLE FOUNDATION SHALL BE 30" DIA. X 10' DEEP FOR SINGLE MAST ARM 12" FOR DOUBLE MAST ARM.
 6. #6 COPPER GROUND WIRE AND 16mm(5/8") DIA. COPPER GROUND ROD REQ'D. FOR ALL POLE FOUNDATIONS. (COST ABSORBED).



NOTE: THE BASE MOUNTED CABINET IS TO BE SITUATED IN THE OPTIMUM POSITION FOR VIEWING THE CONTROLLER OPERATION AND THE ON STREET SIGNAL DISPLAYS SIMULTANEOUSLY. THIS POSITION IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

TYPICAL DETAIL OF BASE FOR CONTROLLER EQUIPMENT CABINET
 NOT TO SCALE

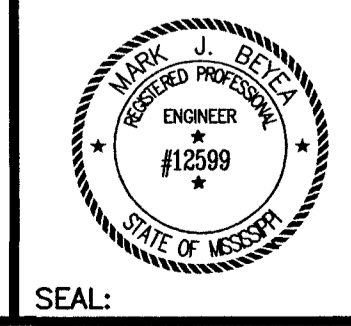


STEEL "NOSTALGIC" TYPE MAST ARM POLE DETAIL

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REVISIONS			DRAWING INFORMATION		
NO.	DATE	BY	DESCRIPTION	N-S PROJECT NO.:	DATE:
				05734.050	06/12/06
				FILENAME: 5734STD-SIG1.DWG	06/12/06
				CADD TYPE: Autocad 2002	
				SURVEYED BY:	
				DSGN: M.J.B.	
				DRWN: M.A.L.	
				CHKD:	
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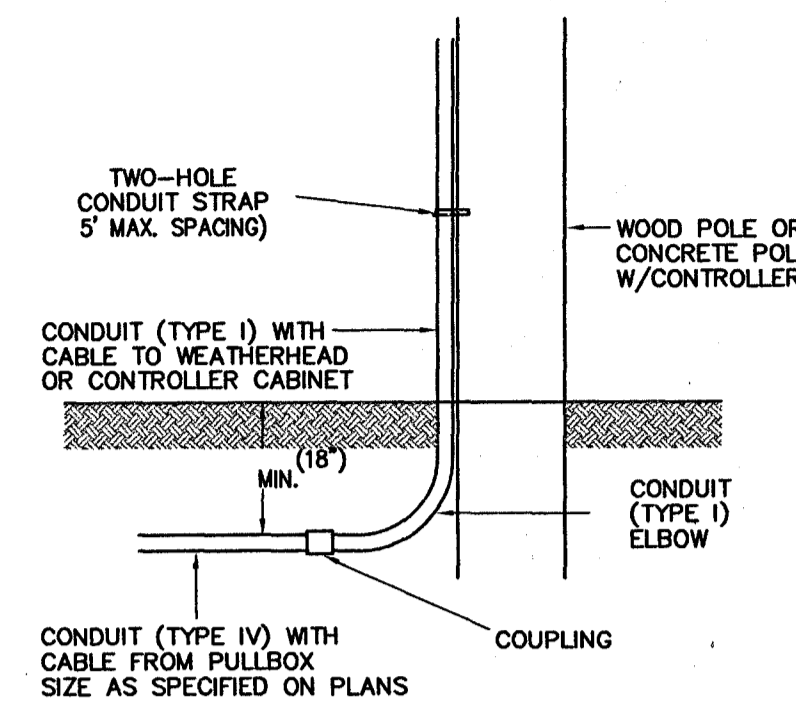
RENAISSANCE AT COLONY PARKWAY ROAD IMPROVEMENTS
 N.S. ACCOUNT NO. 05734.050



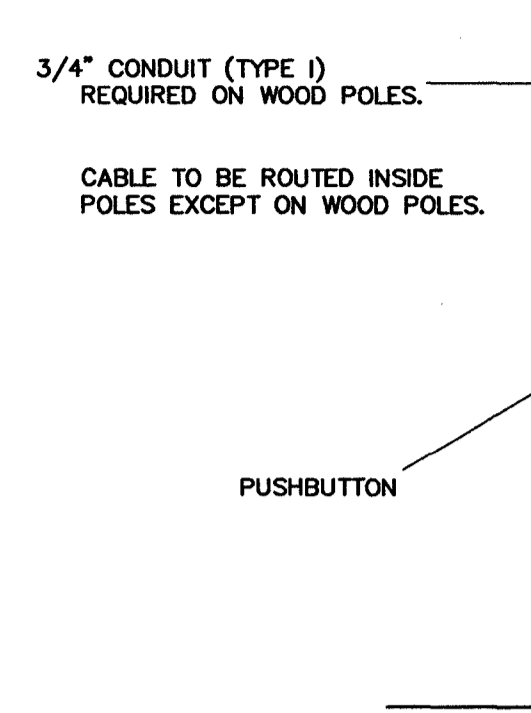
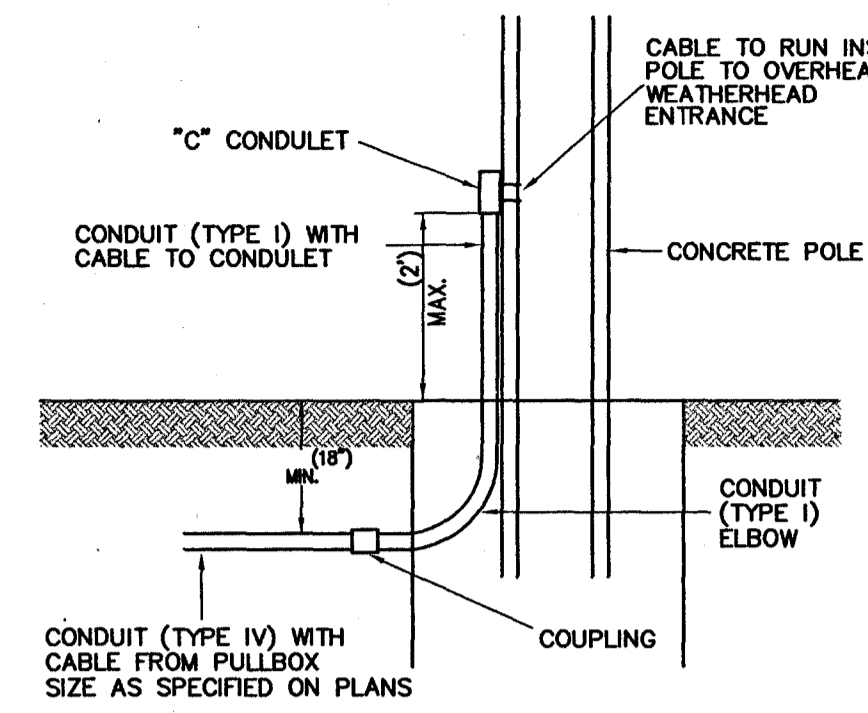
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STANDARD SIGNAL DETAILS MAST ARM SIGNAL POLES AND CONTROLLER CABINET

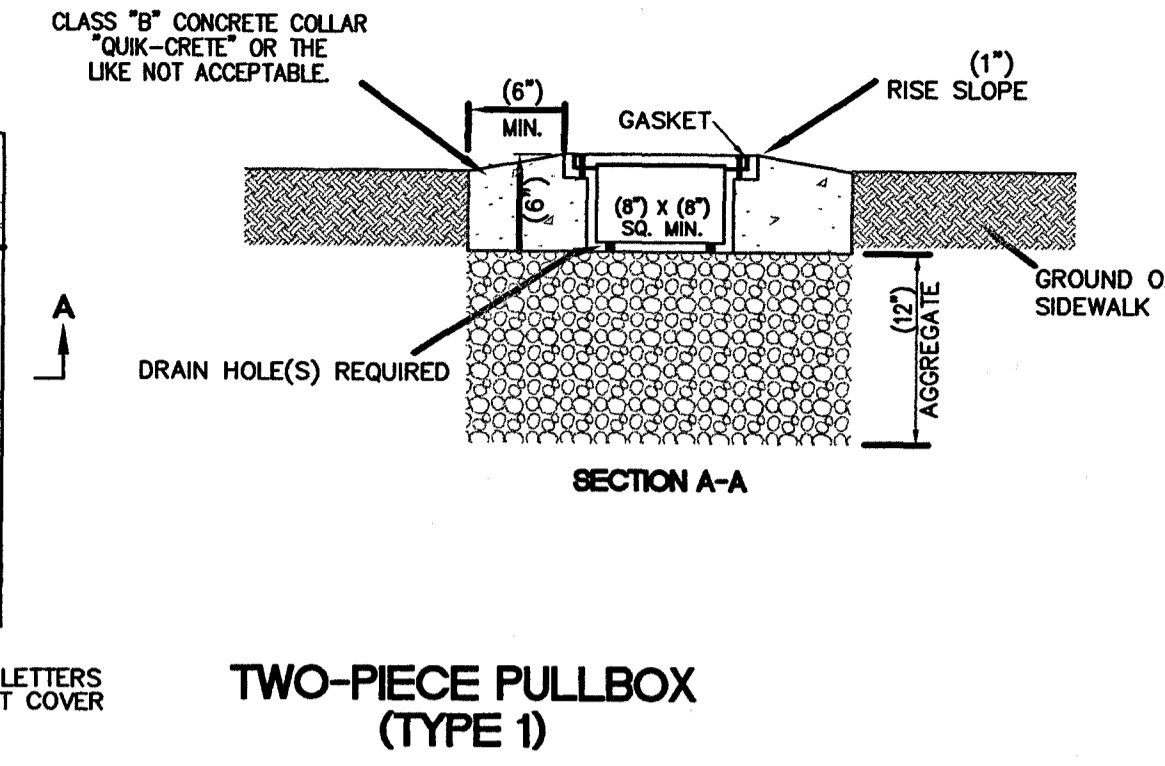
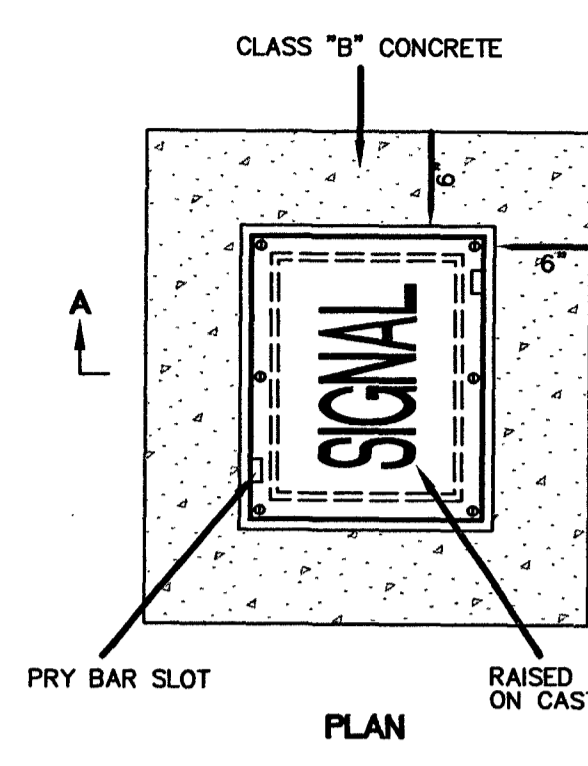
WORKING NUMBER: SIGDET-1	DRAWING NUMBER: 39
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CONDUIT DETAIL AT POLES

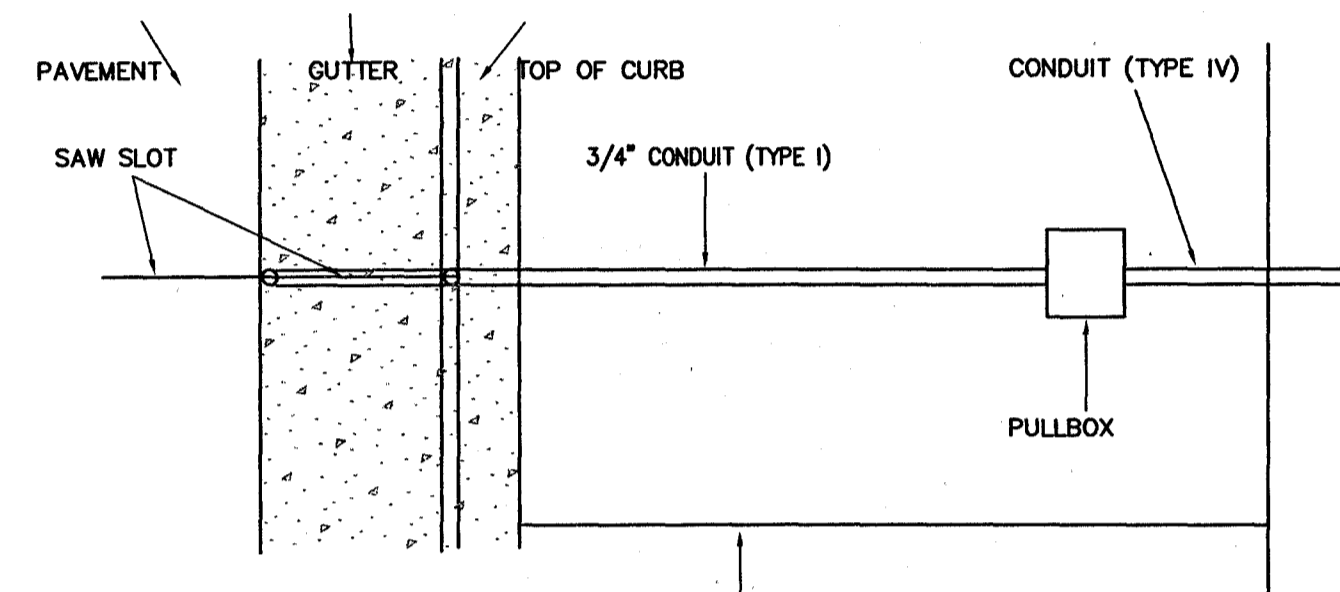


PEDESTRIAN PUSH BUTTON AND SIGN INSTALLATION DETAIL



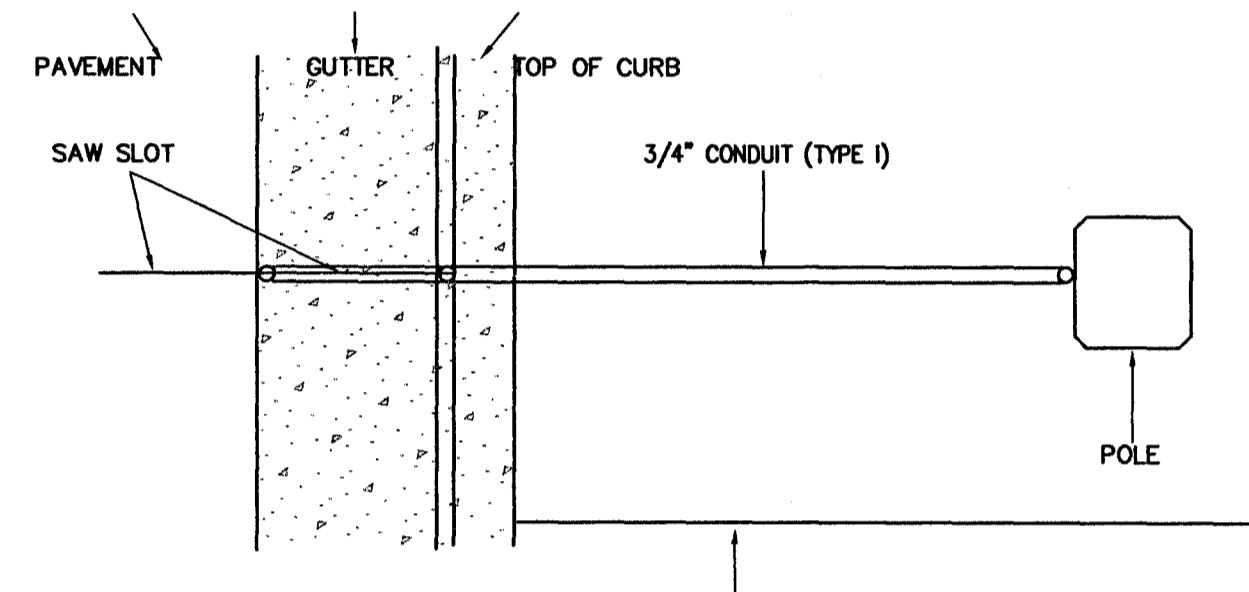
TWO-PIECE PULLBOX (TYPE 1)

CAST IRON, CAST ALUMINUM, WELDED ALUMINUM, OR APPROVED EQUAL

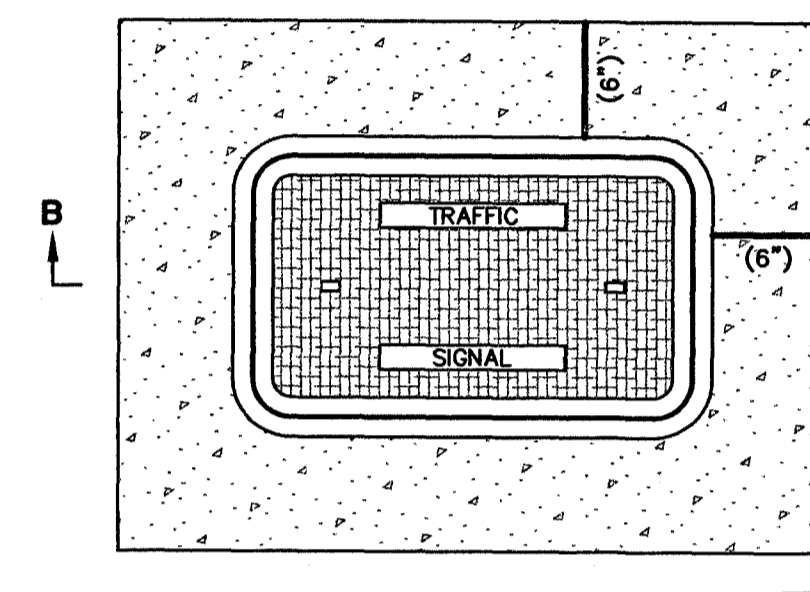


SAWCUT SIDEWALK AT EXISTING JOINTS.

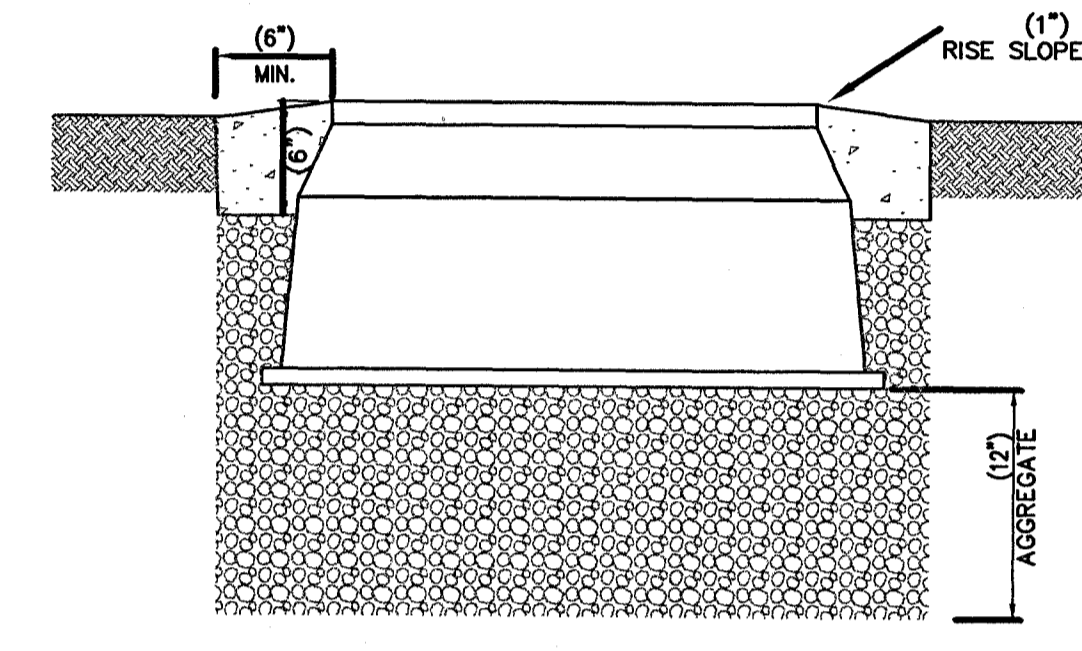
PLAN VIEW - LOOP LEAD-IN CONDUIT



SAWCUT SIDEWALK AT EXISTING JOINTS.



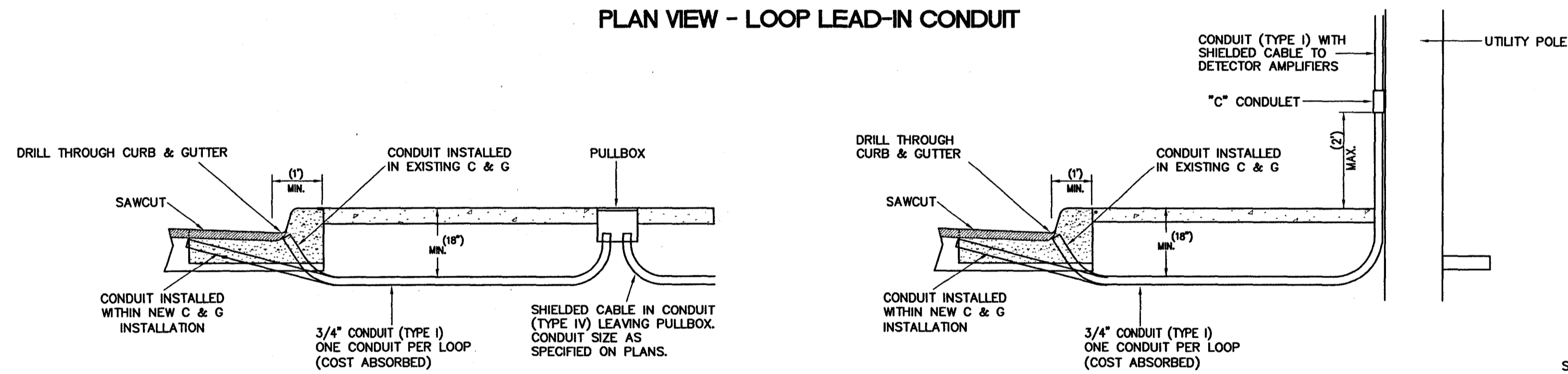
TWO-PIECE PULLBOX (TYPE 2 - 5)



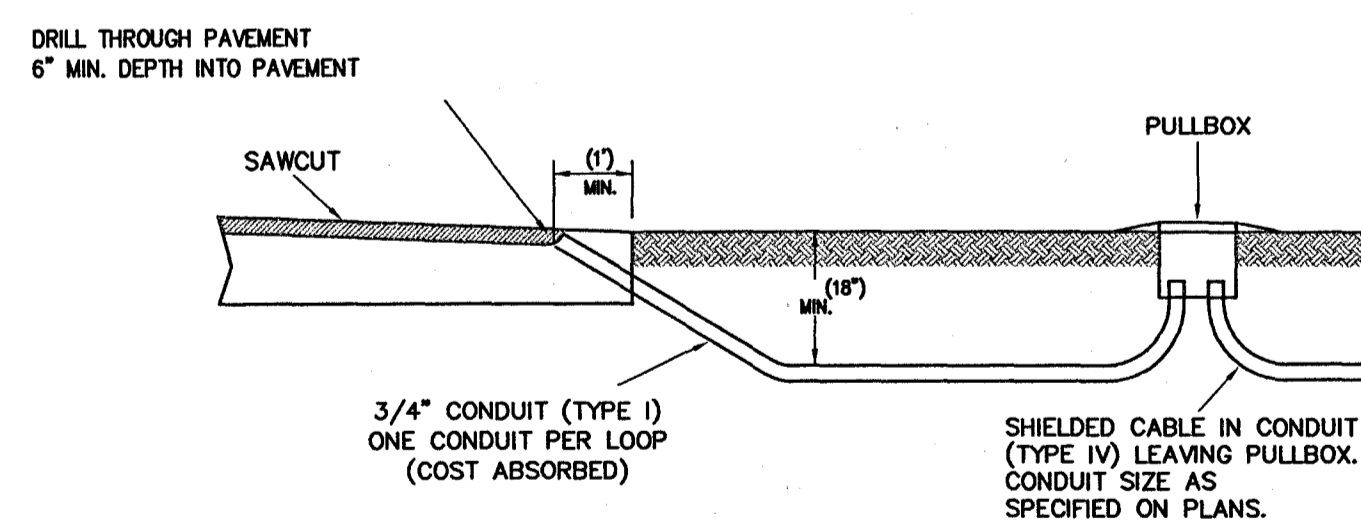
PRECAST CLASS "B" CONCRETE, HIGH DENSITY POLYETHYLENE, COMPOSOLITE, OR APPROVED EQUAL

PULLBOX NOTES:

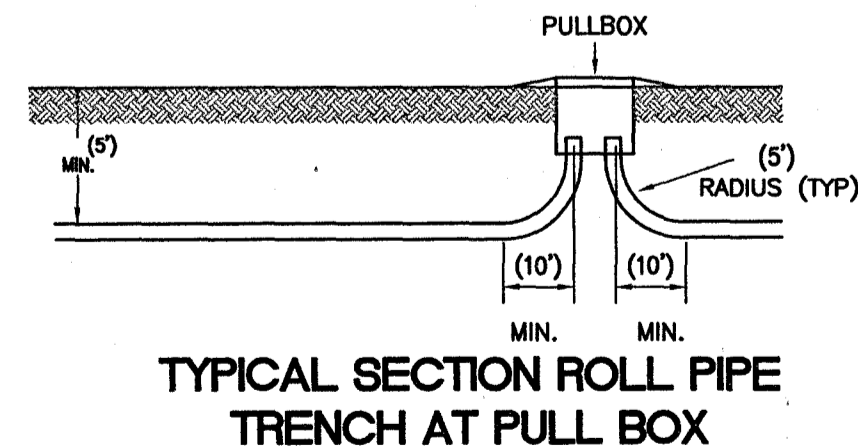
1. Type 1 - Minimum Dimension: 8" X 8" X 6". (Max. Dimension 12" X 12" X 12"). For use only with splicing loop wires to shielded cable.
2. Type 2 - Nominal Dimension: 25" X 15" X 12". For use with all conduit work associated with traffic signals and lighting.
3. Type 3 - Nominal Dimension: 17" X 12" X 12". For use with splicing loop wires and other work associated with traffic signals and lighting.
4. Type 4 - Nominal Dimensions 37" X 26" X 18" for use with fiber optic cable as a pulling point.
5. Type 5 - Nominal Dimensions 49" X 32" X 18" for use with fiber optic cable as a splice or slack storage point.
6. GRAVEL (12" DEEP, IS REQUIRED UNDER PULLBOXES FOR DRAINAGE.
7. CONCRETE COLLAR, (6"W x mm(6")O), IS REQUIRED FOR PULLBOXES PLACED IN SOIL.
8. TRAFFIC SIGNAL, TRAFFIC OR SIGNAL LEGEND REQUIRED.
9. COVERS SHALL BOLT DOWN.



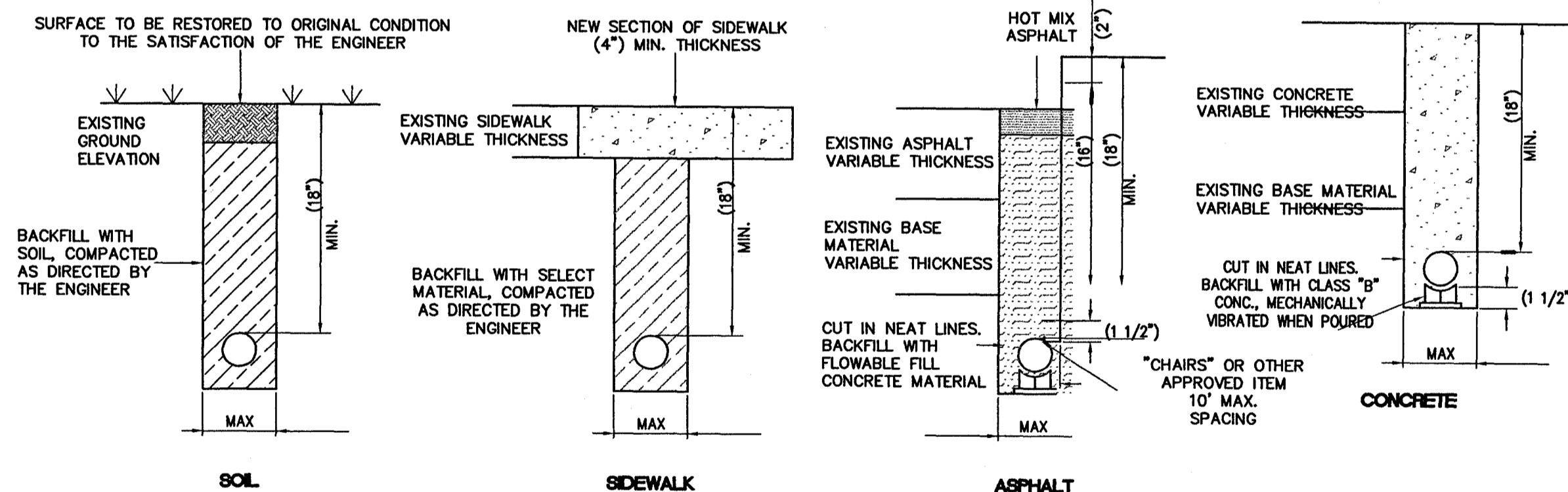
TYPICAL SECTION IN GUTTER AND SIDEWALK



TYPICAL SECTION IN EARTH



TYPICAL SECTION ROLL PIPE TRENCH AT PULL BOX



CONDUIT TRENCHING DETAIL

NOTES:

1. CONDUIT TO BE SEALED WITH DUCT SEALER ONCE CABLE IS INSTALLED.
2. SAW CUT SIDEWALK AT EXISTING JOINTS AND REPLACE ENTIRE SECTION TO MATCH EXISTING MATERIAL. WHEN NEW SIDEWALK IS BEING CONSTRUCTED, CONDUIT, PULL BOX, AND POLE ARE TO BE INSTALLED BEFORE SIDEWALK IS POURED.
3. TYPE I CONDUIT IS RIGID STEEL; TYPE IV CONDUIT IS PVC.
4. ALL CONDUIT TRENCHING MUST BE COMPLETED BEFORE PLACEMENT OF FINAL ASPHALT SURFACE COURSE.

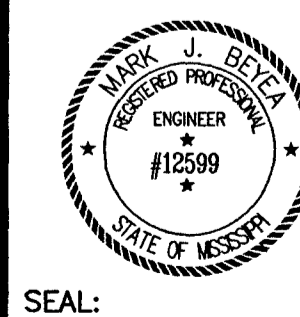
NOTICE TO DRAWING HOLDER

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NO.	DATE	BY	REVISIONS DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734STD-SIG3.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN: M.J.B.	DATE: 06/12/06
DRWN: M.A.L.	DATE: 06/12/06
CHKD: DATE:	
QA/QC: DATE:	

RENAISSANCE AT COLONY PARKWAY
ROAD IMPROVEMENTS
N.S. ACCOUNT NO. 05734.050

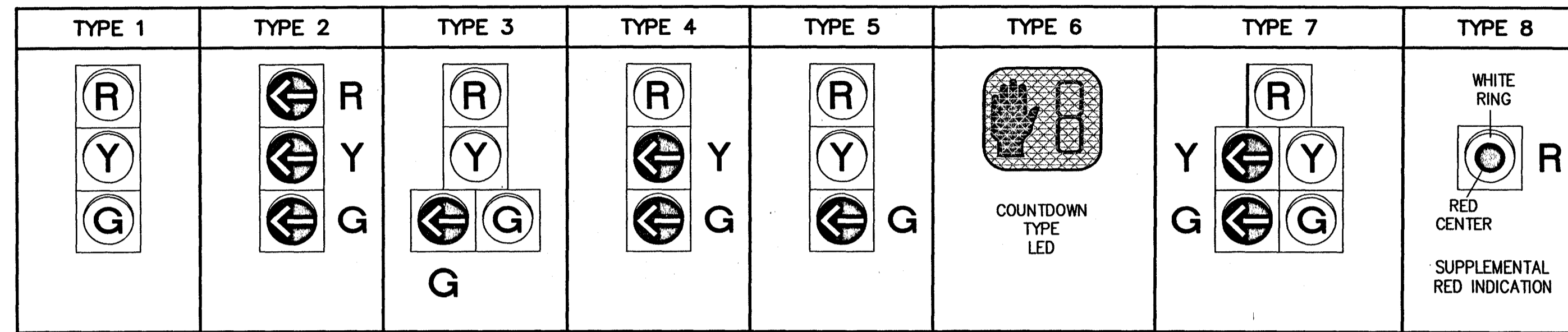


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STANDARD SIGNAL DETAILS
CONDUIT, PULLBOX, TRENCHING
AND PEDESTRIAN PUSHBUTTON

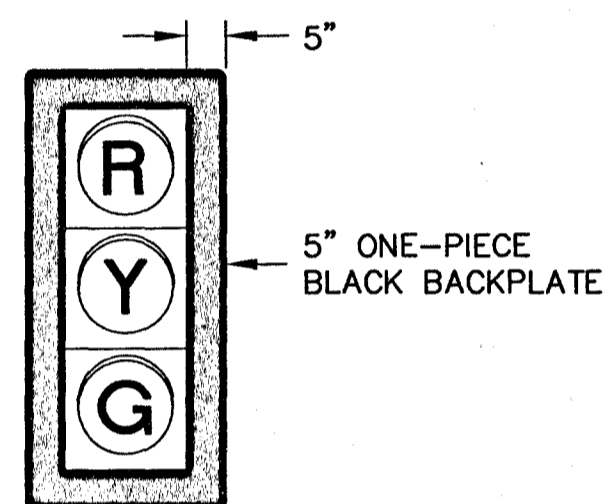
WORKING NUMBER: SIGDET-3
DRAWING NUMBER: 41

DETAIL OF TYPICAL TRAFFIC SIGNAL HEADS



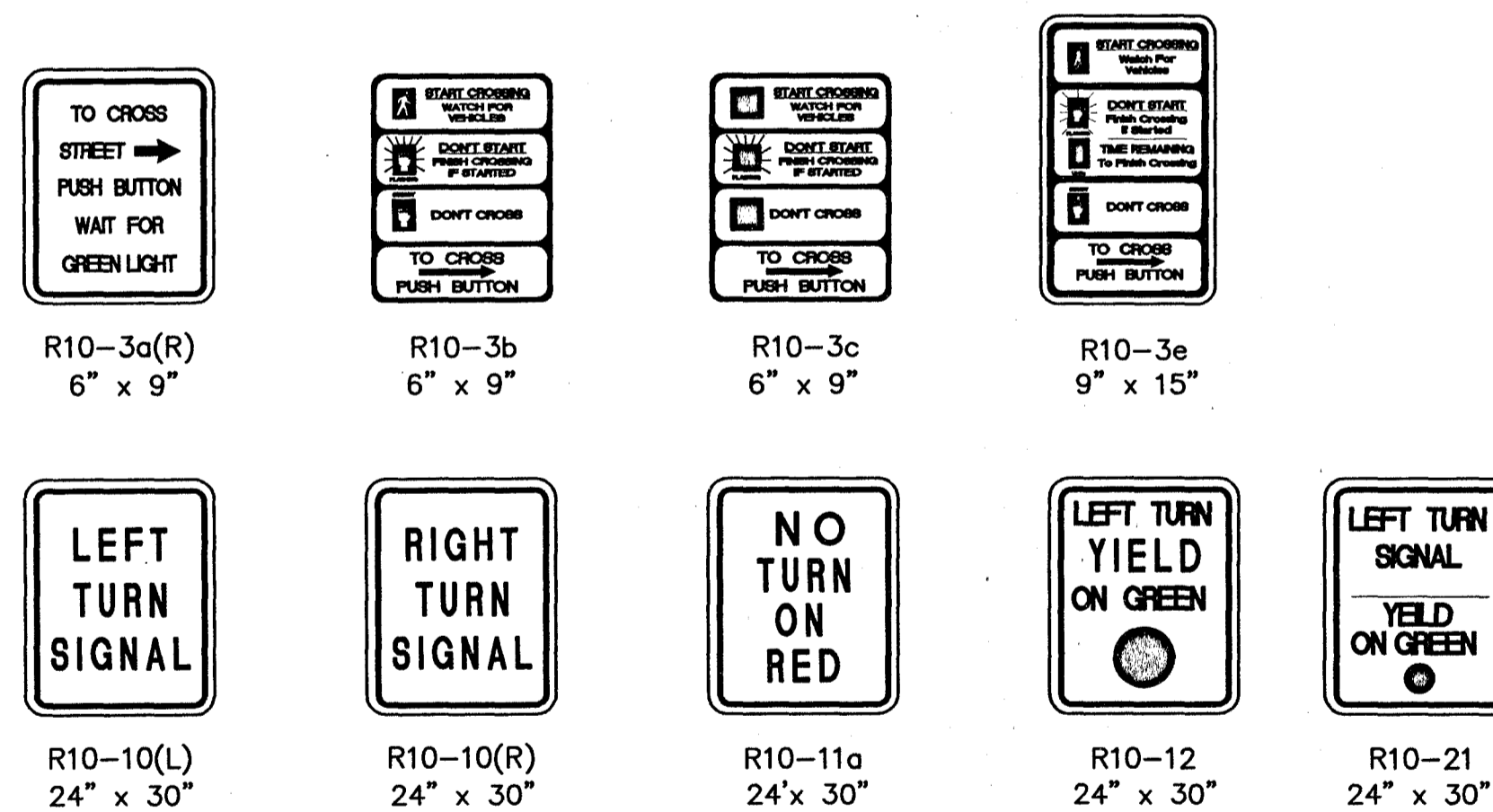
- NOTES:**
- ALL SIGNAL HEADS SHALL BE BLACK IN COLOR UNLESS OTHERWISE NOTED ON THE PLANS.
 - ALL SIGNAL HEADS SHALL BE L.E.D. "MAST ARM" TYPE¹ LENSES UNLESS OTHERWISE NOTED ON THE PLANS. TYPE "A" SIGNAL HEAD IS TO BE OPTICALLY PROGRAMMED.
 - LETTER "R" ON HEAD TYPES MEANS RIGHT TURN ARROW(S).
 - TYPE 6 SIGNAL HEAD SHALL BE FURNISHED WITH R10-3e SIGN & PEDESTRIAN PUSHBUTTON (PELCO # SE 2039 WITH SE 1013 OR EQUAL). TYPE 6 SIGNAL HEAD SYMBOLS/NUMBERS SHALL BE FULLY ILLUMINATED (NO OUTLINE SYMBOLS ALLOWED).
 - TYPE 7 SIGNAL HEAD SHALL BE FURNISHED WITH R10-21 SIGN WHEN INDICATED ON PLANS.
 - TYPE 4 & 5 SIGNAL HEADS SHALL BE FURNISHED WITH R10-10L SIGNS.
 - FOR SPAN WIRE INSTALLATION, THE HOUSING FOR THE RED INDICATION OF A TYPE 7 HEAD, SHALL BE ALUMINUM.

DETAIL OF TRAFFIC SIGNAL WITH BACKPLATE



- NOTE:**
- TYPE 1, 2, 3, 4, 5, & 7 SIGNAL HEADS SHALL INCLUDE BACKPLATES UNLESS OTHERWISE NOTED ON TRAFFIC SIGNAL INSTALLATION SHEETS.

DETAIL OF TYPICAL TRAFFIC SIGNAL SIGNS



- NOTES:**
- ALUMINUM SIGN BLANKS ARE TO BE ALLOY 5052-H38 AND 0.08" (NOMINAL) THICK.
 - THE SIGNS SHALL BE SUPPLIED WITH MOUNTING BRACKETS AS REQUIRED.
 - NUMBER 12 PLATED JACK CHAINS SHALL BE ATTACHED TO THE BOTTOM OF ALL SPAN WIRE MOUNTED SIGNS.
 - CHAINS SHALL BE ATTACHED TO SIGN AND TETHER USING "S" HOOKS.
 - THE SIZE OF THE SIGN BLANK, LEGEND, BORDER AND THE COLOR OF THE BACKGROUND AND LEGEND IS TO CONFORM TO THE M.U.T.C.D.
 - THE BACKGROUND SHALL BE REFLECTORIZED USING TYPE IX SHEETING.

SIGNAL PLAN LEGEND

- ⊕ SIGNAL HEAD REQUIRED / TYPE SIGN
- VEHICLE LOOP DETECTOR
- OR □ QUADRAPOLE VEHICLE LOOP DETECTOR
- ① VEHICLE LOOP DETECTOR NUMBER
- ▣ BASE MOUNTED CABINET FOR SIGNAL CONTROLLER
- ▣ POLE MOUNTED CABINET FOR SIGNAL CONTROLLER
- EXISTING POLE
- POLE REQUIRED
- ⊙ NEW PEDESTAL POLE
- EXISTING PULLBOX
- ▣ PULLBOX REQUIRED (TYPE 1)
- ▣ PULLBOX REQUIRED (TYPE 2)
- ⚡ EXISTING SIGNAL HEAD
- ⚡ MAST ARM POLE REQUIRED
- MICROWAVE
- 📷 CAMERA
- 📷 OPTICAL DETECTOR UNIT
- CONDUIT
- ⋯ ROLL PIPE
- ☀ LUMINAIRE
- ⚡ RADIO INTERCONNECT ANTENNA
- P.B. PUSH BUTTON
- S.C. SHIELDED CABLE
- POW POWER CABLE
- LUM LUMINAIRE POWER CABLE
- ODC OPTICAL DETECTOR CABLE
- 4c NUMBER OF CONDUCTORS
- I.C. INTERCONNECT CABLE

GENERAL NOTES

- INTERCONNECT CABLE SHALL BE EITHER IMSA 40-2-1991 OR IMSA 40-4-1991 SIGNAL CABLE, STRANDED. AWG NUMBER AND NUMBER OF CONDUCTORS AS SHOWN ON PLANS.
- SIGNAL SUPPLY CABLE SHALL BE IMSA 20-1-1991 SIGNAL CABLE, STRANDED. AWG NUMBER AND NUMBER OF CONDUCTORS AS SHOWN ON PLANS.
- POWER SUPPLY CABLE SHALL BE THHN CABLE, STRANDED. AWG NUMBER AND NUMBER OF CONDUCTORS AS SHOWN ON PLANS.
- DETECTOR SHIELDED CABLE SHALL BE IMSA 50-2-1991 SIGNAL CABLE, AWG #14 STRANDED COPPER CONDUCTORS, UNLESS OTHERWISE NOTED ON THE PLANS, FROM PULLBOX TO CONTROLLER.
- POLES, SIGNAL HEADS, EQUIPMENT BOXES, PULLBOXES AND CONDUIT MAY BE VARIED SLIGHTLY TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. HOWEVER, SIGNAL HEAD OR POLE LOCATIONS SHALL BE WITHIN REQUIREMENTS OUTLINED IN THE 2003 EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND HIGHWAY DESIGN AND OPERATIONAL PRACTICES RELATED TO HIGHWAY SAFETY.
- POLES AND FOUNDATIONS OF EXISTING SIGNAL INSTALLATIONS SHALL BE CUT OFF 6" BELOW GROUND OR REMOVED AND AREA RESTORED TO MATCH ADJACENT SURFACE AS DIRECTED BY THE ENGINEER.
- LOOP AMPLIFIERS SHALL BE REQUIRED AS SHOWN ON PLANS WHERE TWO OR MORE LOOPS ARE CONNECTED TO THE SAME CHANNEL, THEY SHALL BE WIRED IN SERIES.
- DESIGN SUSTAINED WIND LOADS FOR TRAFFIC SIGNAL SUPPORTS SHALL BE TO 70 M.P.H. THE CONTRACTOR SHALL PROVIDE DESIGN CERTIFICATION AND CALCULATIONS AS OUTLINED IN SECTION 722.02 OF STANDARD SPECIFICATIONS. DESIGN SUSTAINED WIND LOADS TO INCREASE TO 80 M.P.H. FOR SIGNAL INSTALLATIONS IN THE THREE COASTAL COUNTIES (HANCOCK, HARRISON AND JACKSON).
- DETERMINATION OF REQUIRED SIZES, LENGTHS AND GAUGES OF TYPE I, II, III AND IV STEEL POLES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR IN ACCORDANCE WITH THE PLANS AND SECTION 722.02 OF THE STANDARD SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED IN PLANS OR SPECIFICATIONS.
- THE TOP OF THE STRAIN POLE FOUNDATION SHALL BE 6" ABOVE THE GROUND. THE CONTRACTOR SHALL PROVIDE POLES OF SUFFICIENT LENGTH PLUS 2 FEET TO PROVIDE REQUIRED VERTICAL CLEARANCE OF THE TRAFFIC SIGNAL HEADS WITHOUT EXTENDING THE FOUNDATION ABOVE THE GROUND LINE OF THE POINT WHERE THE POLE IS LOCATED, EVEN THOUGH THIS MAY BE BELOW THE FINISHED GRADE OF THE ROADWAY.
- ALL STRAIN POLES AT AN INTERSECTION SHALL BE THE SAME DIAMETER AND UTILIZE THE SAME BOLT CIRCLE SPACING.
- POLE AND BASE MOUNTED CABINET - GRADES SHALL BE ESTABLISHED TO ±3" AS DIRECTED BY THE ENGINEER.
- TRAFFIC SIGNAL CABINETS AND CONTROLLERS SHALL BE WIRED TO PROVIDE FOR ALL PHASES INCLUDING FUTURE PHASES IN ACCORDANCE WITH THE PHASE SEQUENCE DIAGRAM.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND SALVAGED BY THE CONTRACTOR WITH THE COST TO BE ABSORBED. THE EXISTING POLES, CABINETS, CONTROLLERS, TRAFFIC SIGNAL HEADS, AND OTHER ITEMS AS NOTED ON PLANS ARE TO BE STOCKPILED AS DIRECTED BY THE ENGINEER FOR PICKUP BY STATE FORCES OR AS NOTED ON PLANS. ALL OTHER SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ELECTRICAL SERVICE FROM THE POWER COMPANY SERVICE POINT TO THE TRAFFIC SIGNAL CONTROLLER. FOR SPAN WIRE INSTALLATION, POWER SHALL RUN FROM THE POWER COMPANY SERVICE POINT AERIAL TO THE SIGNAL POLE NEAREST THE CONTROLLER, COST TO BE ABSORBED. THE SERVICE SHALL THEN RUN TO THE CONTROLLER AS SHOWN ON THE PLANS. FOR MAST ARM INSTALLATION, POWER SHALL RUN FROM THE POWER COMPANY SERVICE POINT UNDERGROUND DIRECTLY TO CONTROLLER AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAKE APPLICATION WITH THE POWER COMPANY IN ADVANCE OF NEEDING THE SERVICE. INSTALLATION OF NEW SERVICE POLE (IF NEEDED) IS THE RESPONSIBILITY OF THE CONTRACTOR AND IS COST ABSORBED.
- IF IT IS NECESSARY TO RUN ELECTRIC SERVICE CABLE FROM ONE POLE TO ANOTHER, THE SERVICE CABLE SHALL BE LASHED TO A SEPARATE MESSENGER CABLE LOCATED 1 FOOT MIN. ABOVE THE SIGNAL CABLE.
- VEHICLE LOOP ASSEMBLIES SHALL BE INSTALLED IN THE TOP LAYER OF BINDER OR EXISTING SURFACE BEFORE THE FINAL SURFACE COURSE IS APPLIED.
- PEDESTRIAN PUSHBUTTONS AND SIGNS TO BE INCLUDED IN PAY ITEM FOR TYPE 6 HEADS AT NO ADDITIONAL COST. WHERE PUSHBUTTONS AND SIGNS ARE SHOWN ON PLANS WITHOUT A TYPE 6 HEAD, THEY SHALL BE INSTALLED WITH NO ADDITIONAL PAYMENT (ABSORBED ITEM). SIDE OF POLE LOCATIONS OF PUSHBUTTONS MAY BE FIELD ADJUSTED. PUSHBUTTONS TO BE PELCO # SE 2039 WITH SE 1013 (ISOLATOR WITH LED LATCH ASSEMBLY).
- FIELD DRILL AND TAP EXISTING POLES WHERE PEDESTRIAN SIGNALS AND PUSHBUTTONS ARE REQUIRED ON PLANS. (ABSORBED ITEM).
- REFER TO WORKING NUMBER TSD-5 "CONDUIT ENTRANCE DETAIL" WHEN NEW CONDUIT(S) ARE REQUIRED AT EXISTING SIGNAL POLES OR CONTROLLERS.
- MESSENGER CABLE AND OTHER SUPPORTING DEVICES WHERE REQUIRED SHALL BE ABSORBED IN THE PAY ITEMS FOR ELECTRIC CABLE.
- FOR PROTECTED/PERMITTED LEFT TURN PHASING, TYPE 7 OR 7A TRAFFIC SIGNAL HEADS (FIVE SECTION HEADS) SHALL OPERATE SUCH THAT THE CIRCULAR INDICATIONS DISPLAYED WILL BE IDENTICAL AND SIMULTANEOUS TO THE CIRCULAR INDICATIONS FOR THE ADJACENT THROUGH MOVEMENT SIGNAL HEADS; i.e. A CIRCULAR RED AND EITHER A GREEN ARROW OR YELLOW ARROW MAY BE DISPLAYED SIMULTANEOUSLY IN THE SAME FIVE SECTION HEAD.
- CONTRACTOR RESPONSIBLE FOR PROVIDING TEMPORARY SIGNALS IF NECESSARY IS TO ACCOMMODATE ROADWAY CONSTRUCTION AND WILL BE ABSORBED UNDER PAY ITEM 618-A, MAINTENANCE OF TRAFFIC.
- CONTRACTOR IS RESPONSIBLE FOR SCHEDULING FINAL INSPECTION MEETING WITH DISTRICT OFFICE, PROJECT OFFICE AND TRAFFIC ENGINEERING.

- * NOTES NO. 8, 9 & 10 THAT REFERENCE THE CONTRACTOR TO DESIGN SIGNAL POLES DO NOT APPLY IF THE SIGNAL POLE CHART DESIGN(S) ARE INDICATED ON THE PLAN SHEET(S).

T:\Renaissance at Colony Parkway Roadways\img\573451d-sig4.dwg, 1/29/2007 3:51:37 PM

<p>NOTICE TO DRAWING HOLDER</p> <p>NEEL-SCHAFFER, INC. HERINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS				NO.	DATE	BY	DESCRIPTION									<p>DRAWING INFORMATION</p> <p>N-S PROJECT NO.: 05734.050 FILENAME: 573451D-SIG4.DWG CADD TYPE: Autocad 2002 SURVEYED BY: DSGN: M.J.B. DATE: 06/12/06 DRWN: M.A.L. DATE: 06/12/06 CHKD: DATE: QA/QC: DATE:</p>	<p>RENAISSANCE AT COLONY PARKWAY ROAD IMPROVEMENTS N.S. ACCOUNT NO. 05734.050</p>		<p>NEEL-SCHAFFER <i>Solutions you can build upon</i></p> <p>1230 Highway 51 North Madison, MS 39110 PH: (601)898-8118 / FAX: (601)898-2480</p>	<p>DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS, AND GENERAL NOTES</p> <p>WORKING NUMBER: SIGDET-4</p> <p>DRAWING NUMBER: 42</p>
REVISIONS																						
NO.	DATE	BY	DESCRIPTION																			

SCHEDULE OF QUANTITIES

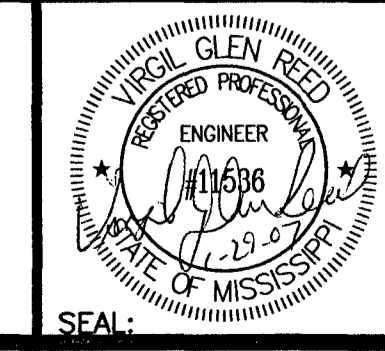
PAY ITEM NO.	DESCRIPTION	UNIT	PRELIMINARY QUANTITIES				FINAL QUANTITIES			
			MADISON							
682-A	UNDERGROUND BRANCH CIRCUIT (AWG # 10), (3 CONDUCTORS)	L.F.	20							
682-A	UNDERGROUND BRANCH CIRCUIT (AWG # 6), (3 CONDUCTORS)	L.F.	1720							
682-A	UNDERGROUND BRANCH CIRCUIT (AWG # 2), (3 CONDUCTORS)	L.F.	100							
683-B	LIGHTING ASSEMBLY LOW MAST (TYPE 50-1-0-400) (USE EXISTING POLE)	EA.	3							
683-B	LIGHTING ASSEMBLY LOW MAST (TYPE 50-1-0-400)	EA.	2							
684-A	POLE FOUNDATION (24" DIAMETER)	C.Y.	10							
684-B	SLIP CASINGS (24" DIAMETER)	L.F.	36							
686-A	RELOCATION OF EXISTING LIGHTING ASSEMBLY (TYPE 50-1-0-400)	EA.	2							
908-682-A1	BRANCH CIRCUIT WIRE (AWG # 10), (3 CONDUCTORS)	L.F.	120							
908-682-A1	BRANCH CIRCUIT WIRE (AWG # 6), (3 CONDUCTORS)	L.F.	340							
908-682-A1	BRANCH CIRCUIT WIRE (AWG # 2), (3 CONDUCTORS)	L.F.	1460							
908-682-G	IRRIGATION POWER PANEL RELOCATION	EA	1							

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REVISIONS		
NO.	DATE	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734ELCDET-1.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DGN: V.G.R.	DATE: 12/05/06
DRWN: J.E.M.	DATE: 12/05/06
CHKD:	DATE:
QA/QC:	DATE:

**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



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LIGHTING SCHEDULE OF QUANTITIES	
WORKING NUMBER: LO-1	DRAWING NUMBER: 43

RECAPITULATION OF QUANTITIES

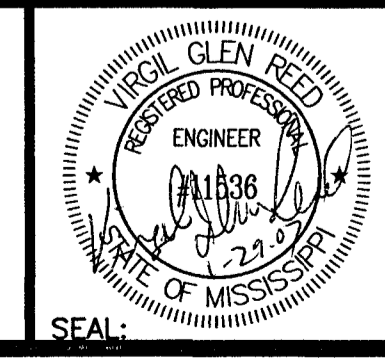
LIGHTING ASSEMBLY	STATION	LOW MAST					LAMP WATTS	IES TYPE	POLE LENGTH (FT)	S.P.C. NUMBER	CIRCUIT NUMBER	NUMBER OF LUMINAIRES	COUNTY	FOUNDATION C.Y.	UNGD. BRANCH CKT. AWG #, FT.			UNGD. BRANCH CKT. AWG #, FT.			INSTALLED IN EXISTING CONDUIT		LOCATION	REMARKS			
		A	B	C	D	F									10	6	2	10	6	2	1/0						
LA-18	13+85		1				400	III	50	2	3	1	MADISON	1.4			60								57 FT. LT. OLD AGENCY ROAD C.L.	EXISTING POLE NEW LUMINIARE	
LA-19	9+25			1			400	III	50	2	3	1	MADISON	1.4											57 FT. LT. OLD AGENCY ROAD C.L.	NEW POLE NEW LUMINIARE	
LA-20	7+80			1			400	III	50	2	3	1	MADISON	1.4											63 FT. LT. OLD AGENCY ROAD C.L.	NEW POLE NEW LUMINIARE	
LA-22	6+30	1					400	III	50	2	3	1	MADISON	1.4											117 FT. LT. OLD AGENCY ROAD C.L.	EXISTING POLE EXISTING LUMINIARE	
LA-24	12+16	1					400	III	50	2	3	1	MADISON	1.4											90 FT. RT. HIGHLAND COLONY PARKWAY C.L.	EXISTING POLE EXISTING LUMINIARE	
LA-30	12+50		1				400	III	50	2	3	1	MADISON	1.4											50 FT. LT. OLD AGENCY ROAD C.L.	EXISTING POLE NEW LUMINIARE	
LA-31	10+85		1				400	III	50	2	3	1	MADISON	1.4											65 FT. LT. OLD AGENCY ROAD C.L.	EXISTING POLE NEW LUMINIARE	
IPP	7+90																40										
IC-1	7+90																	120									
IC-2	14+15																		0								
TOTALS		2	3	2										9.8	20	1720	100		120	340	1460						

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REVISIONS		
NO.	DATE	DESCRIPTION

DRAWING INFORMATION
 N-S PROJECT NO.: 05734.050
 FILENAME: 5734ELCDET-2.DWG
 CADD TYPE: Autocad 2002
 SURVEYED BY:
 DSGN: V.G.R. DATE: 12/05/06
 DRWN: J.E.M. DATE: 12/05/06
 CHKD: DATE:
 QA/QC: DATE:

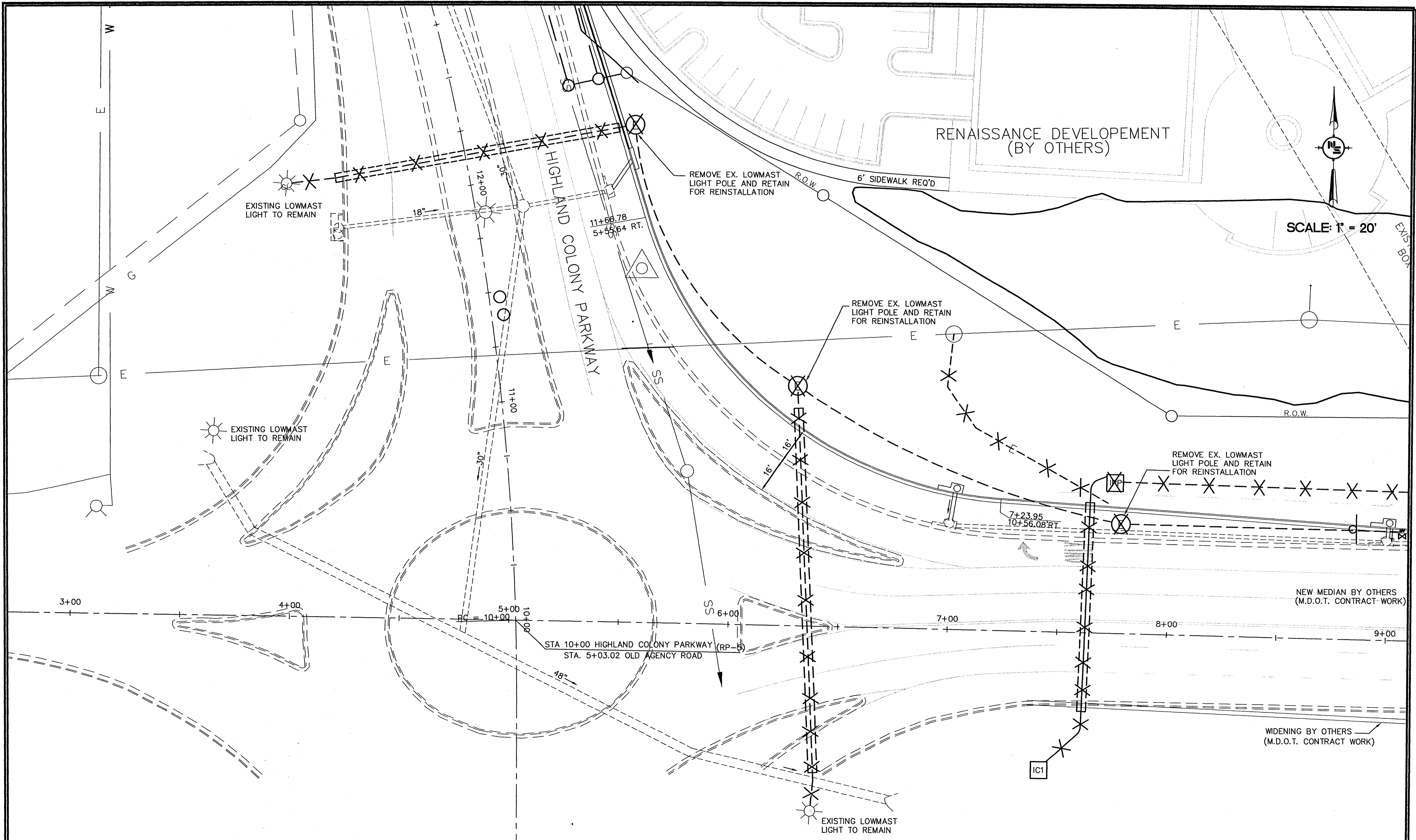
**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



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**LIGHTING
 RECAPITULATION OF QUANTITIES**

WORKING NUMBER: LQ-2
 DRAWING NUMBER: 44

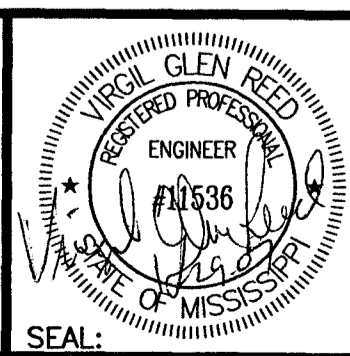


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REVISIONS			
NO.	DATE	BY	DESCRIPTION

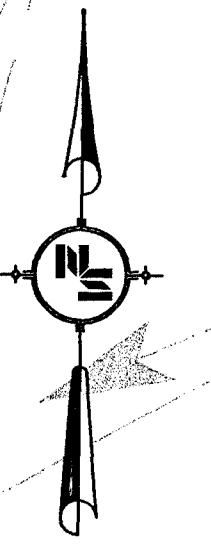
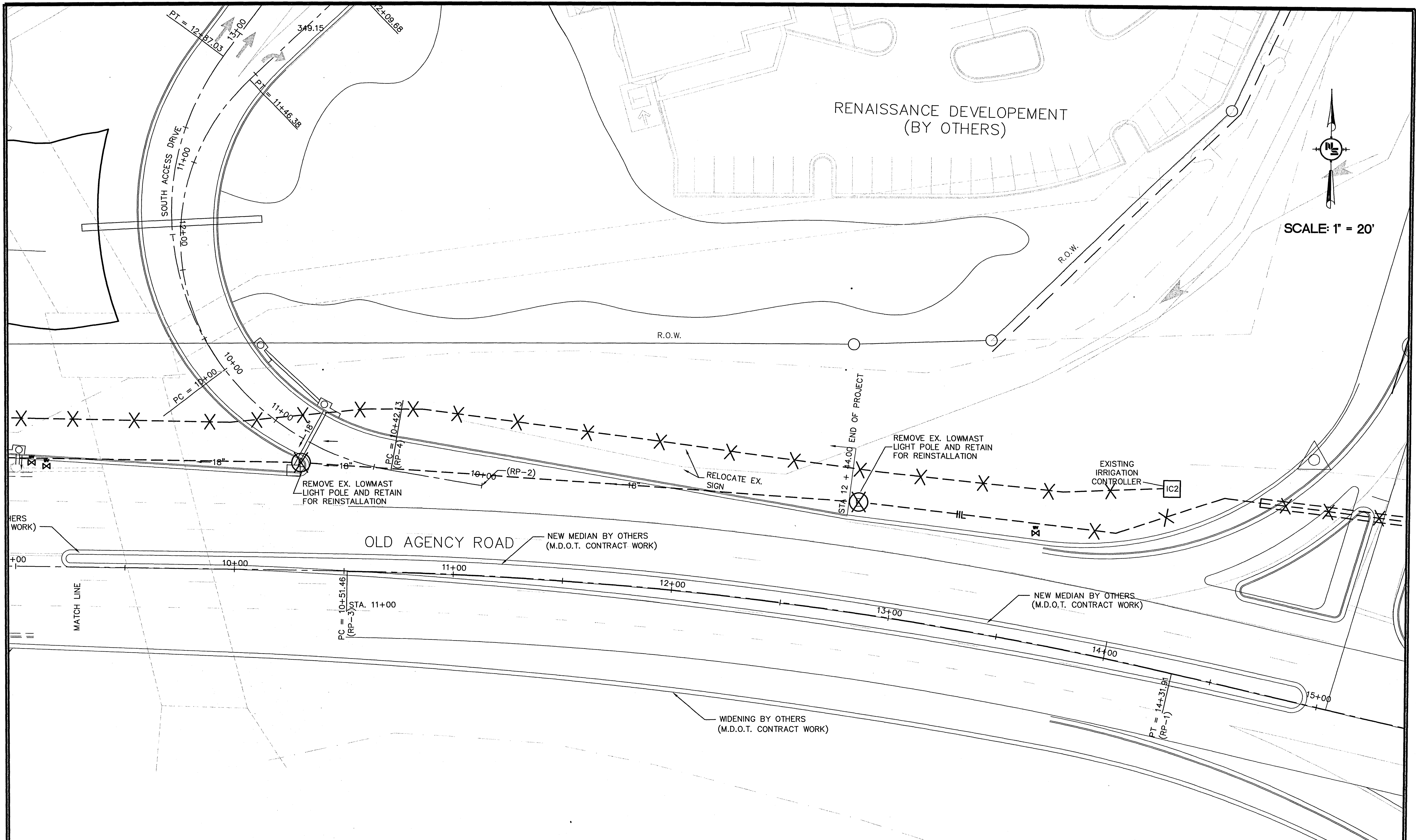
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CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	V.C.R. DATE: 12/05/06
DRWN:	J.E.M. DATE: 12/05/06
CHKD:	DATE:
QA/QC:	DATE:

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LIGHTING DEMOLITION PLAN	
WORKING NUMBER: D-1	DRAWING NUMBER: 45



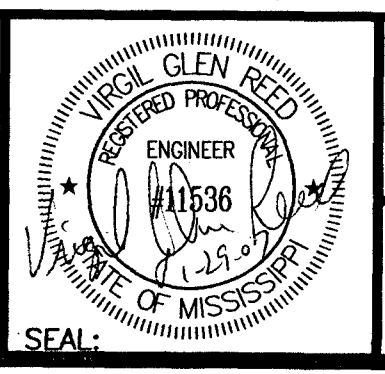
SCALE: 1" = 20'

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

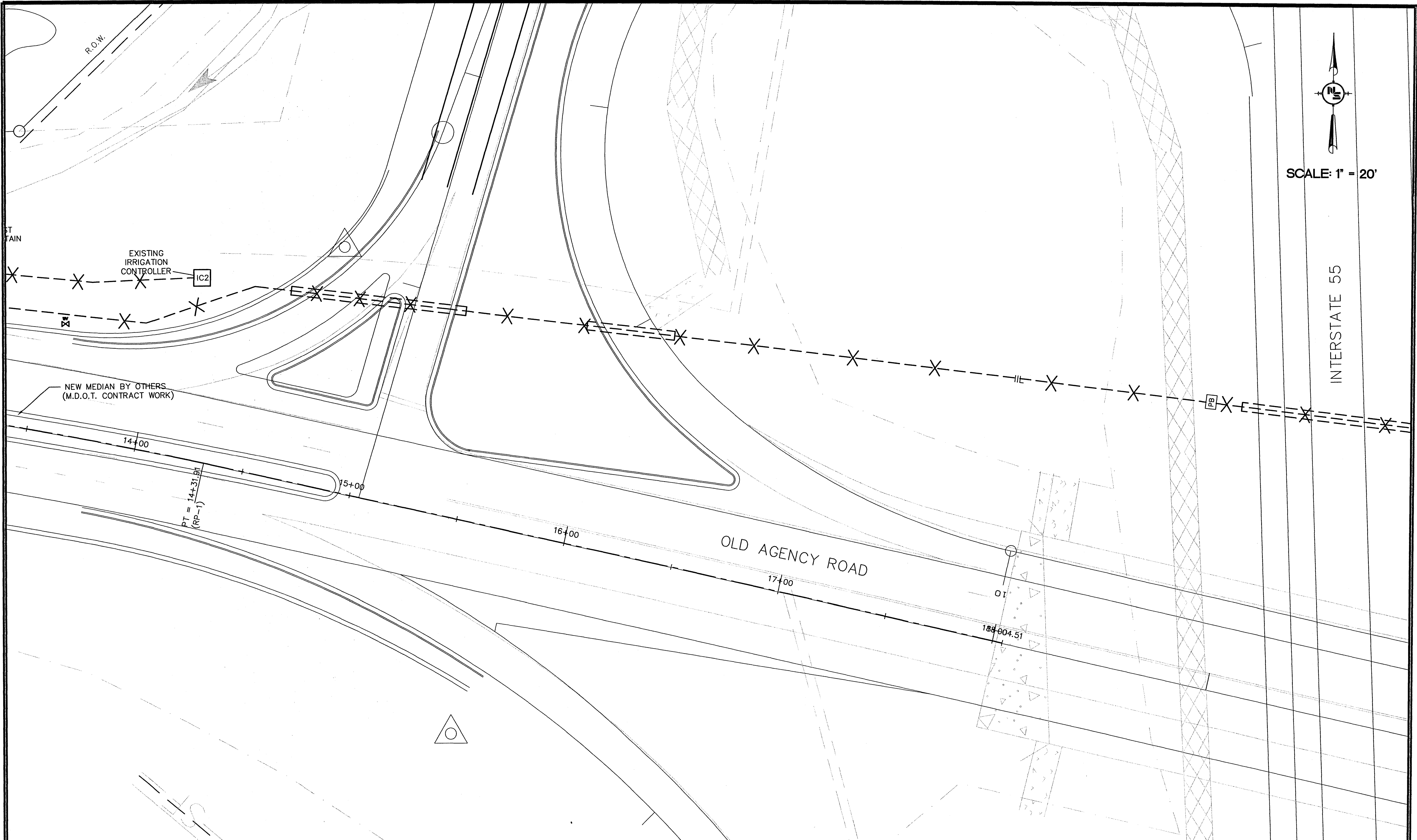
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FILENAME:	5734ELCDEMOSITPLAN.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	V.G.R. DATE: 12/05/06
DRWN:	J.E.M. DATE: 12/05/06
CHKD:	DATE:
QA/QC:	DATE:

**RENAISSANCE AT COLONY PARKWAY
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 N.S. ACCOUNT NO. 05734.050**



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LIGHTING DEMOLITION PLAN	
WORKING NUMBER: D-2	DRAWING NUMBER: 46

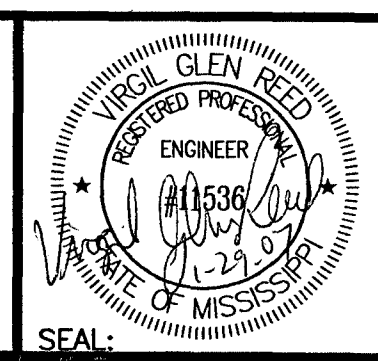


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REVISIONS			
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DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734ELCDDEMOSITPLN.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN: V.G.R.	DATE: 12/05/06
DRWN: J.E.M.	DATE: 12/05/06
CHKD: DATE:	
QA/QC: DATE:	

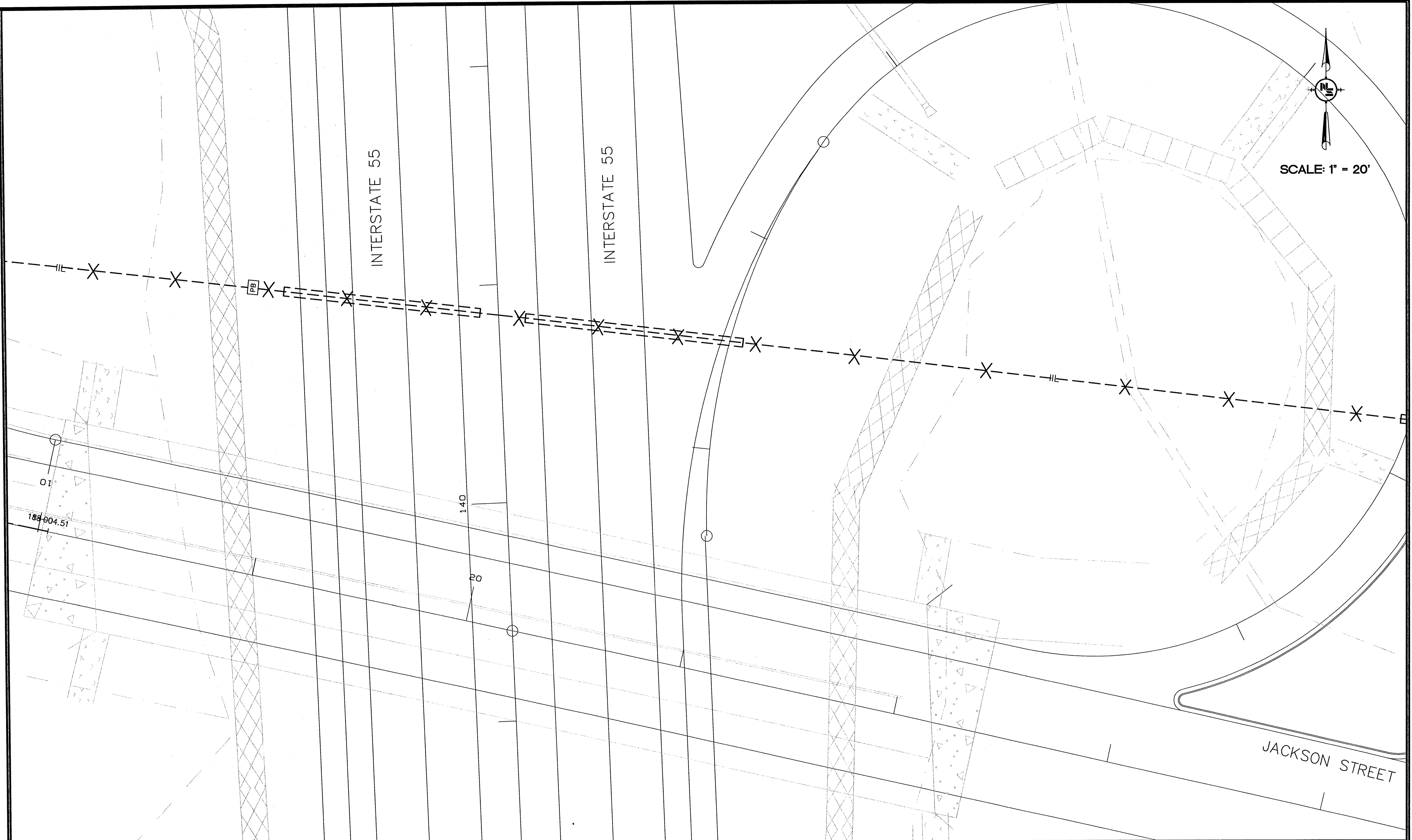
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LIGHTING DEMOLITION PLAN

WORKING NUMBER: D-3	DRAWING NUMBER: 47
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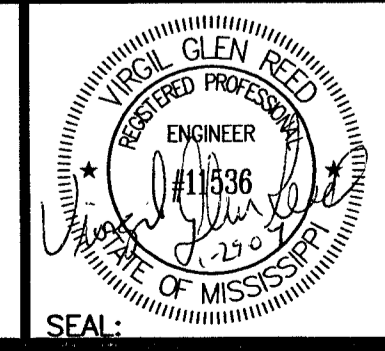
SCALE: 1" = 20'

NOTICE TO DRAWING HOLDER
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REVISIONS			
NO.	DATE	BY	DESCRIPTION

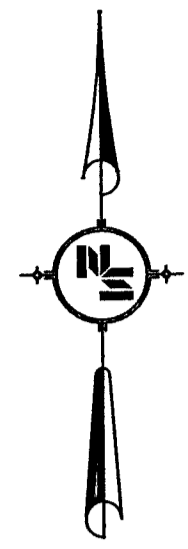
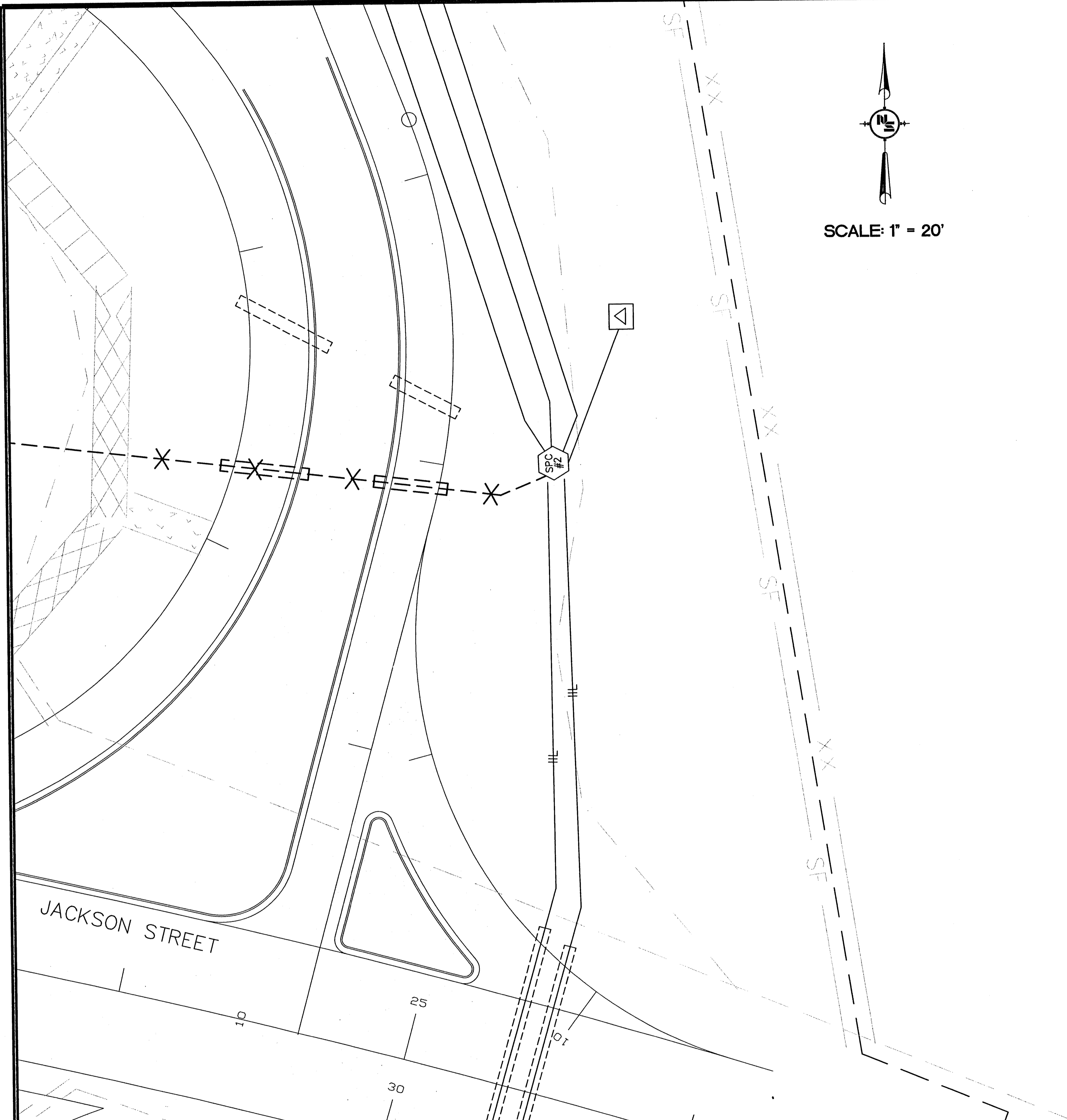
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DSGN:	V.G.R. DATE: 12/05/06
DRWN:	J.E.M. DATE: 12/05/06
CHKD:	DATE:
QA/QC:	DATE:

**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
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LIGHTING DEMOLITION PLAN	
WORKING NUMBER: D-4	DRAWING NUMBER: 48



SCALE: 1" = 20'

JACKSON STREET

10

25

30

SPC #2

IS

XX

IS

XX

IS

XX

IS

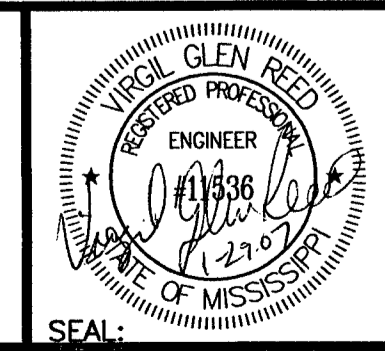
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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734ELCDEMOSITPLN.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
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DRWN:	J.E.M. DATE: 12/05/06
CHKD:	DATE:
QA/QC:	DATE:

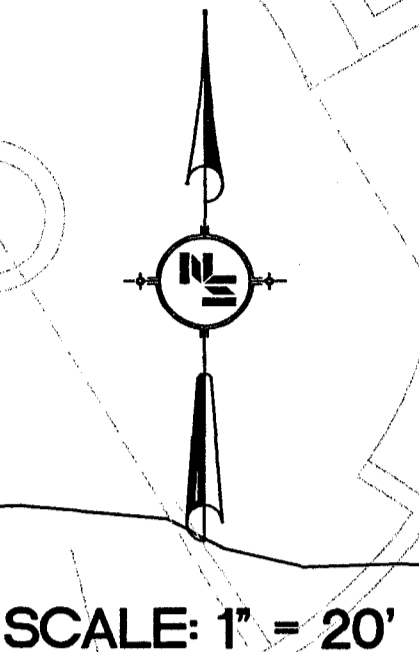
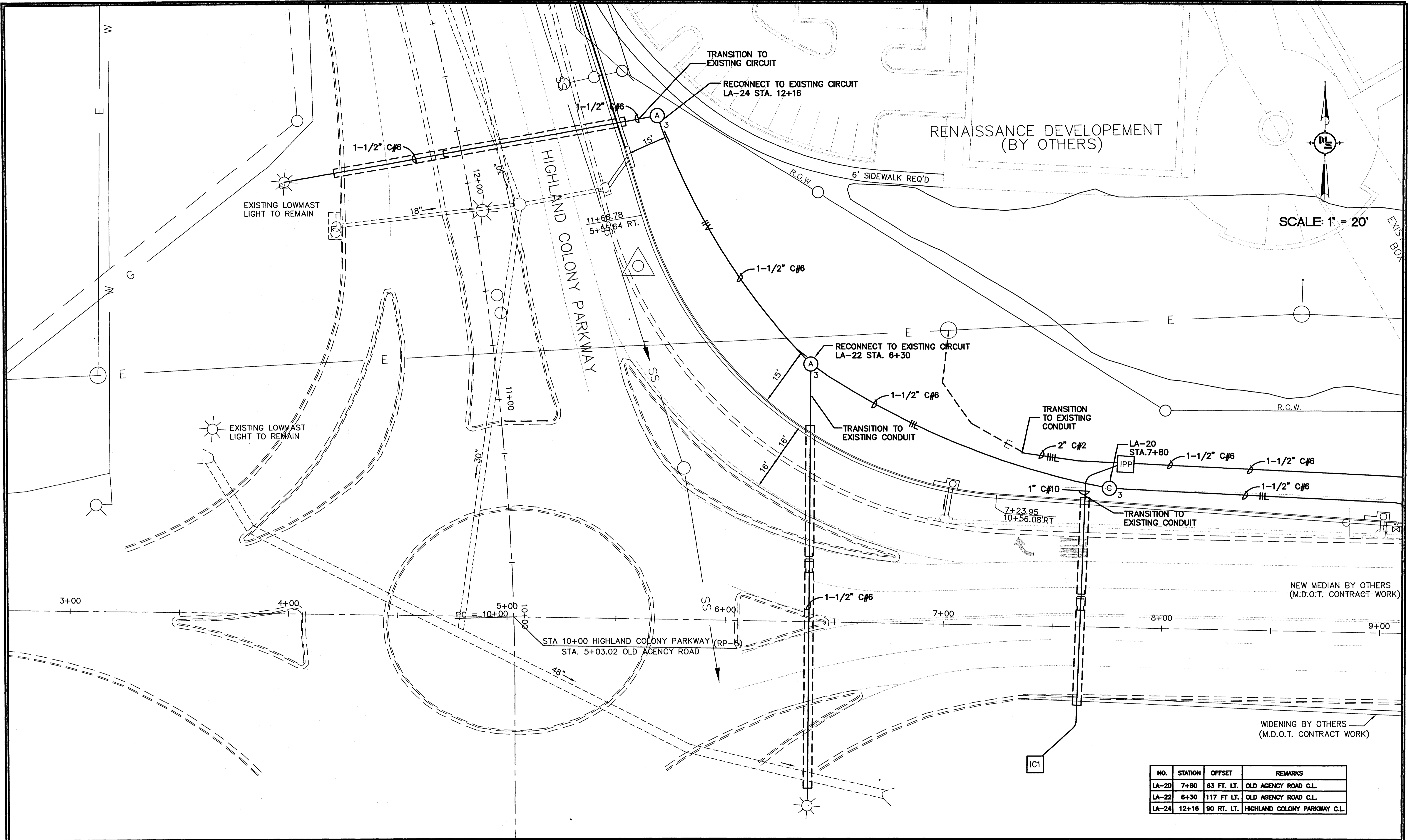
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N.S. ACCOUNT NO. 05734.050**



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LIGHTING DEMOLITION PLAN

WORKING NUMBER: D-5	DRAWING NUMBER: 49
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NO.	STATION	OFFSET	REMARKS
LA-20	7+80	63 FT. LT.	OLD AGENCY ROAD C.L.
LA-22	6+30	117 FT. LT.	OLD AGENCY ROAD C.L.
LA-24	12+16	90 RT. LT.	HIGHLAND COLONY PARKWAY C.L.

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734ELCSITPLN.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN: V.G.R.	DATE: 12/05/06
DRWN: J.E.M.	DATE: 12/05/06
CHKD:	DATE:
QA/QC:	DATE:

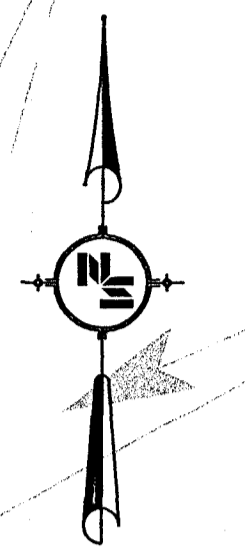
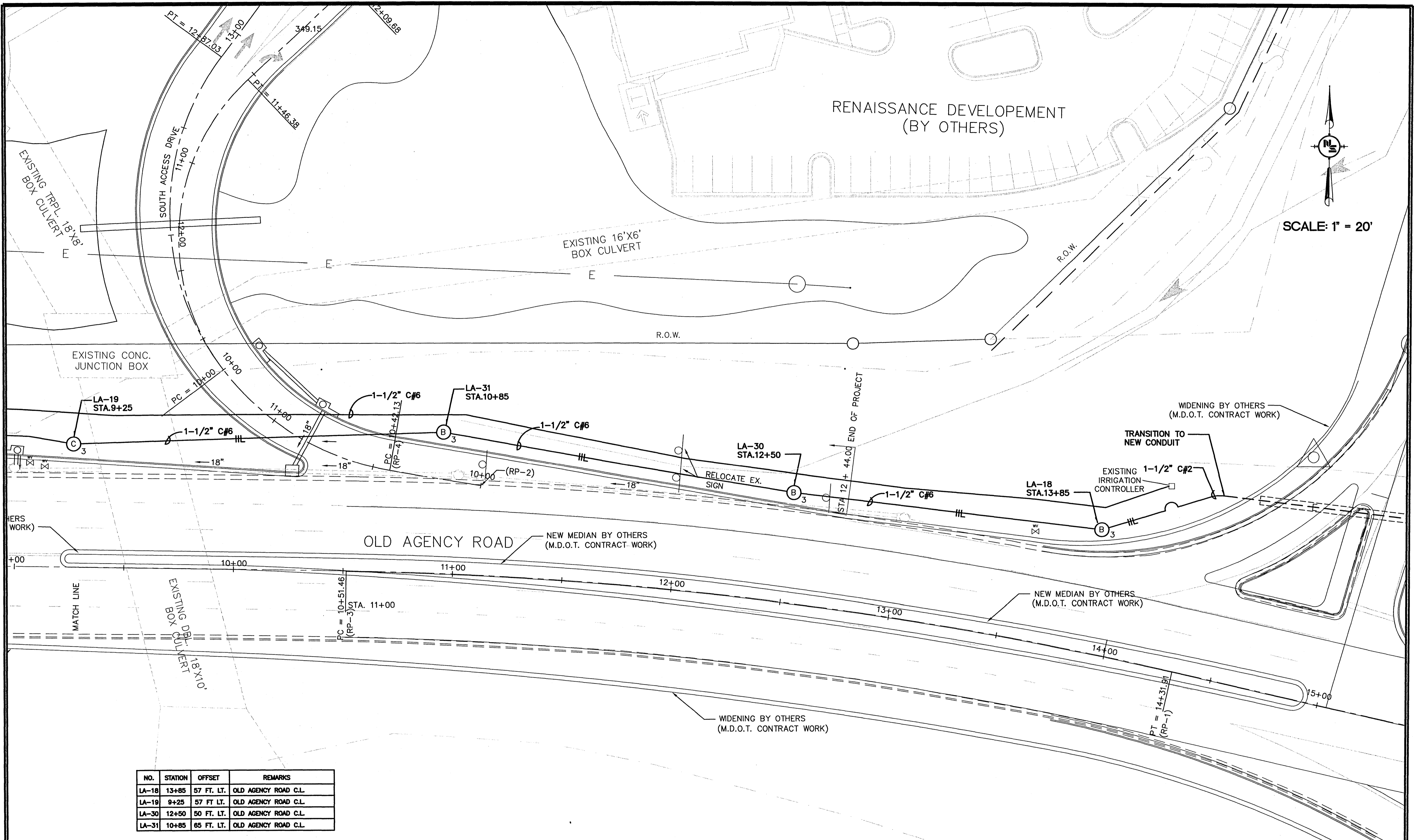
**RENAISSANCE AT COLONY PARKWAY
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 N.S. ACCOUNT NO. 05734.050**



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LIGHTING LAYOUT PLAN

WORKING NUMBER: L-1	DRAWING NUMBER: 50
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SCALE: 1" = 20'

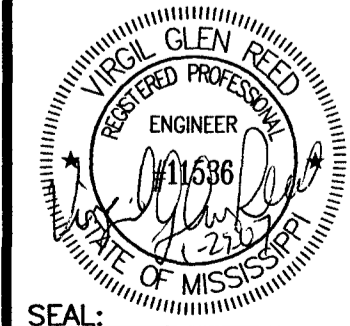
NO.	STATION	OFFSET	REMARKS
LA-18	13+85	57 FT. LT.	OLD AGENCY ROAD C.L.
LA-19	9+25	57 FT. LT.	OLD AGENCY ROAD C.L.
LA-30	12+50	50 FT. LT.	OLD AGENCY ROAD C.L.
LA-31	10+85	65 FT. LT.	OLD AGENCY ROAD C.L.

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

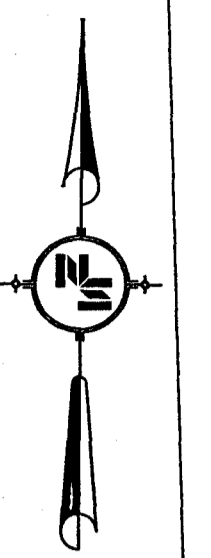
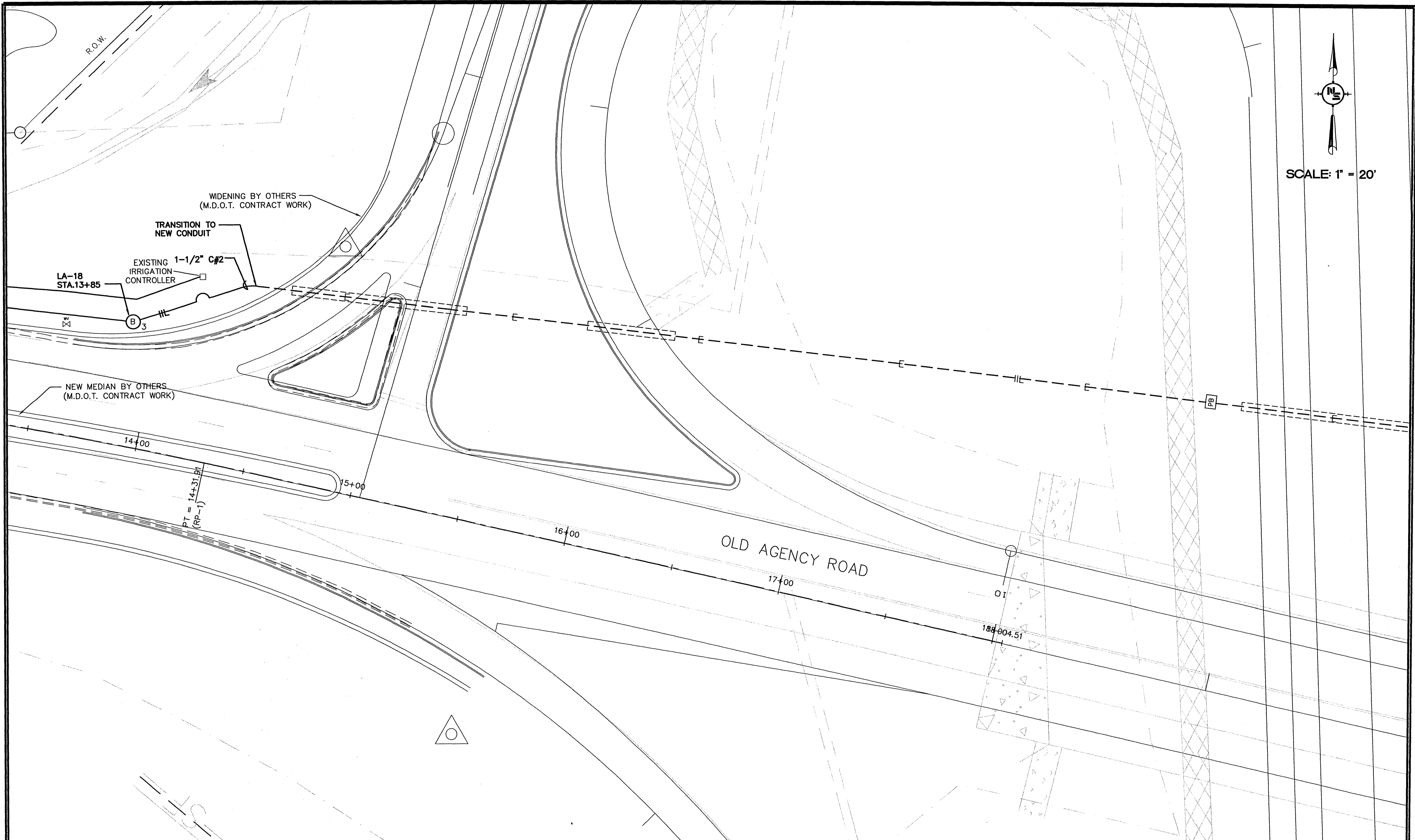
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FILENAME:	5734ELCSITPLN.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	V.G.R. DATE: 12/05/06
DRWN:	J.E.M. DATE: 12/05/06
CHKD:	DATE:
QA/QC:	DATE:

**RENAISSANCE AT COLONY PARKWAY
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 N.S. ACCOUNT NO. 05734.050**



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LIGHTING LAYOUT PLAN	
WORKING NUMBER: L-2	DRAWING NUMBER: 51



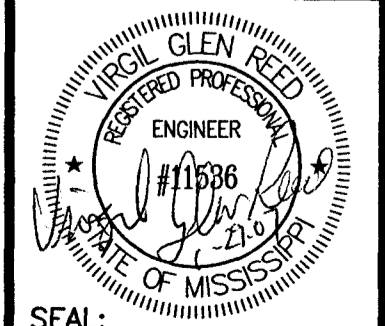
SCALE: 1" = 20'

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

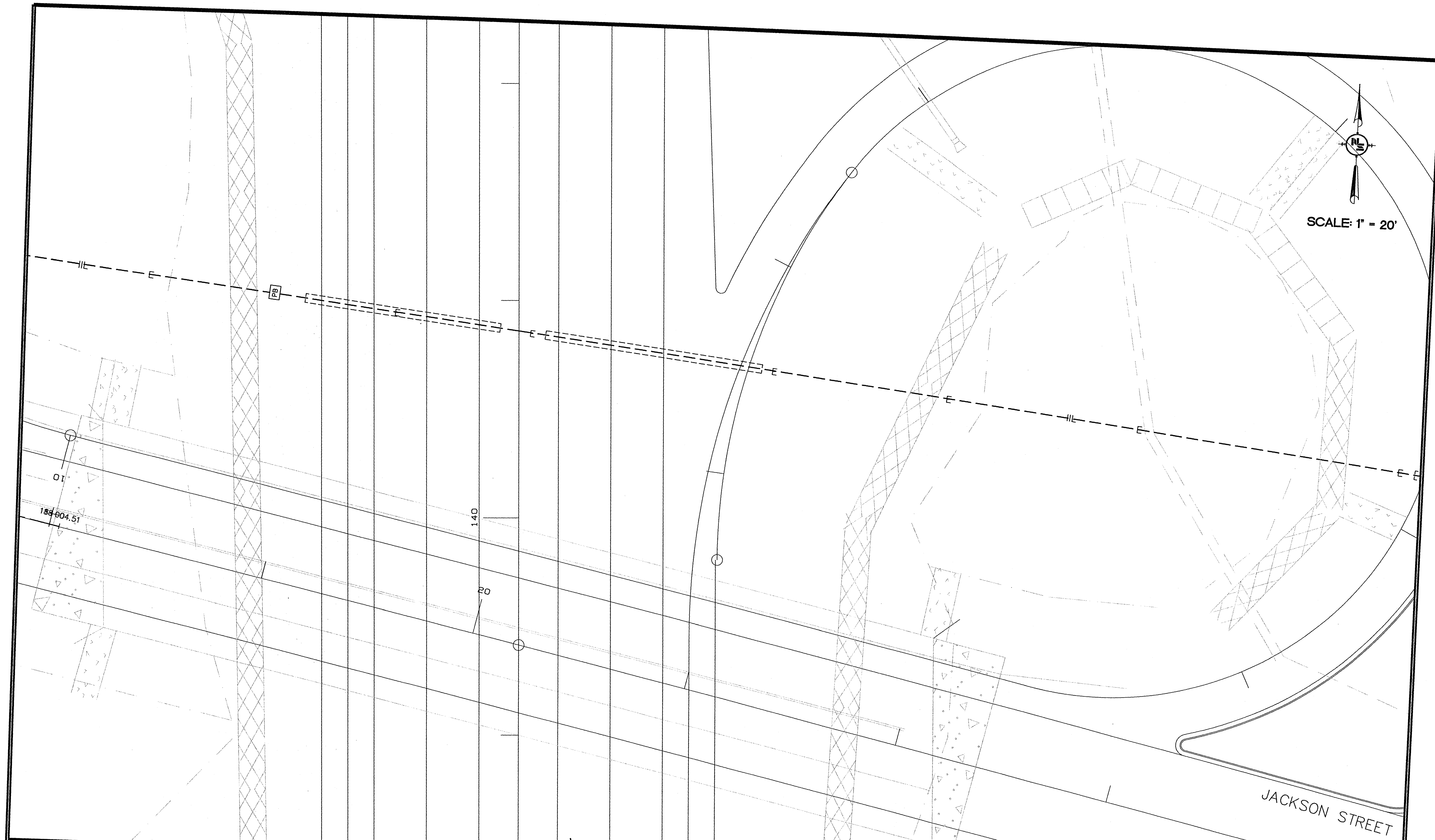
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FILENAME:	5734ELCSITPLN.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN:	V.G.R. DATE: 12/05/06
DRWN:	J.E.M. DATE: 12/05/06
CHKD:	DATE:
QA/QC:	DATE:

**RENAISSANCE AT COLONY PARKWAY
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 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**



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LIGHTING LAYOUT PLAN	
WORKING NUMBER: L-3	DRAWING NUMBER: 52

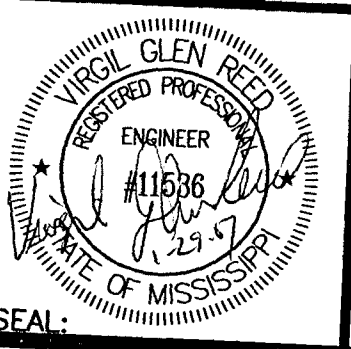


SCALE: 1" = 20'

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REVISIONS			DRAWING INFORMATION	
NO.	DATE	BY	DESCRIPTION	

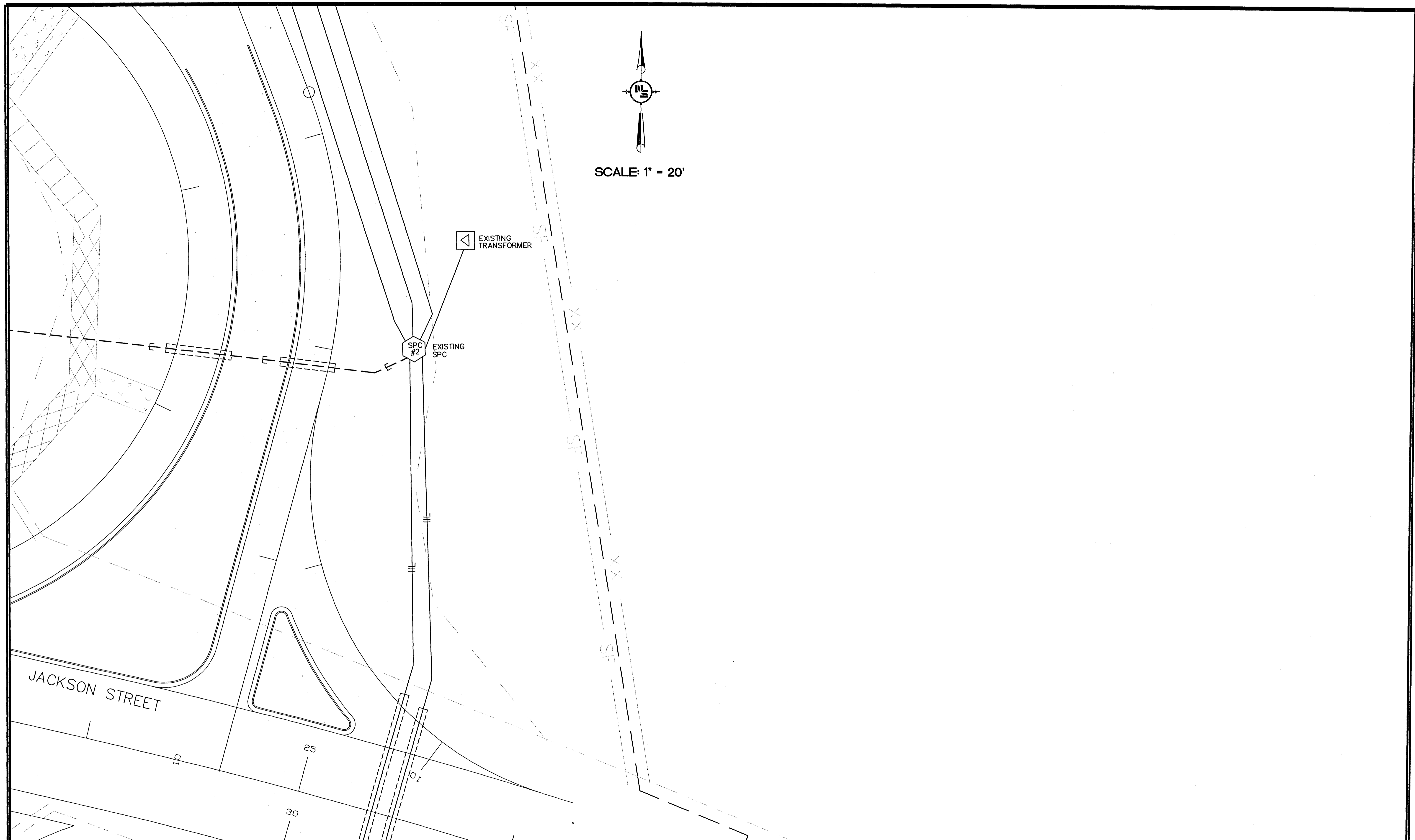
**RENAISSANCE AT COLONY PARKWAY
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 N.S. ACCOUNT NO. 05734.050**



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LIGHTING LAYOUT PLAN

WORKING NUMBER: L-4	DRAWING NUMBER: 53
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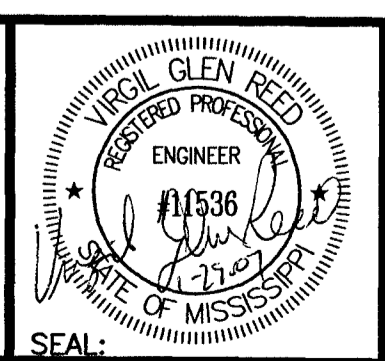


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REVISIONS			
NO.	DATE	BY	DESCRIPTION

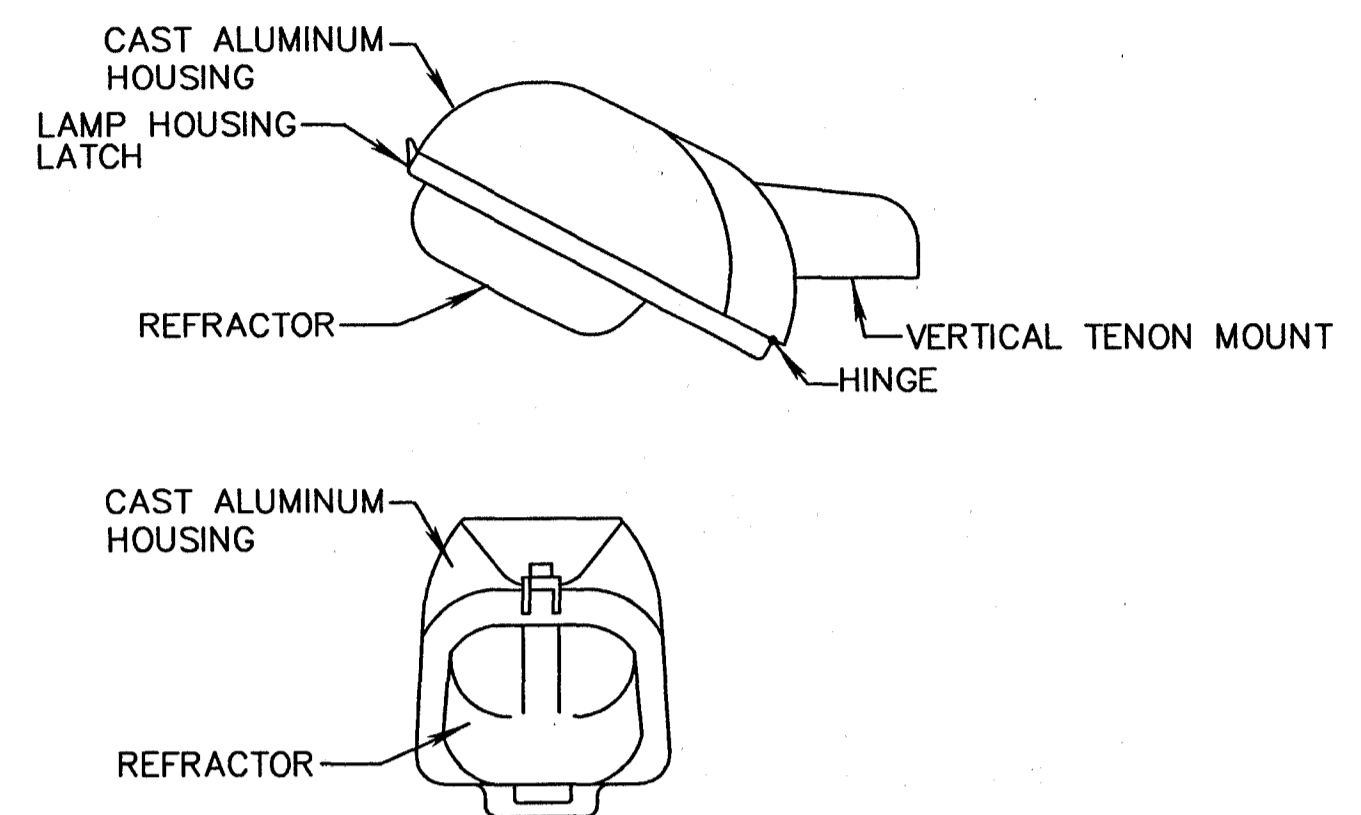
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FILENAME:	5734ELCSITPLN.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN: V.G.R.	DATE: 12/05/06
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**RENAISSANCE AT COLONY PARKWAY
 ROADWAY IMPROVEMENTS
 RIDGELAND, MISSISSIPPI
 N.S. ACCOUNT NO. 05734.050**

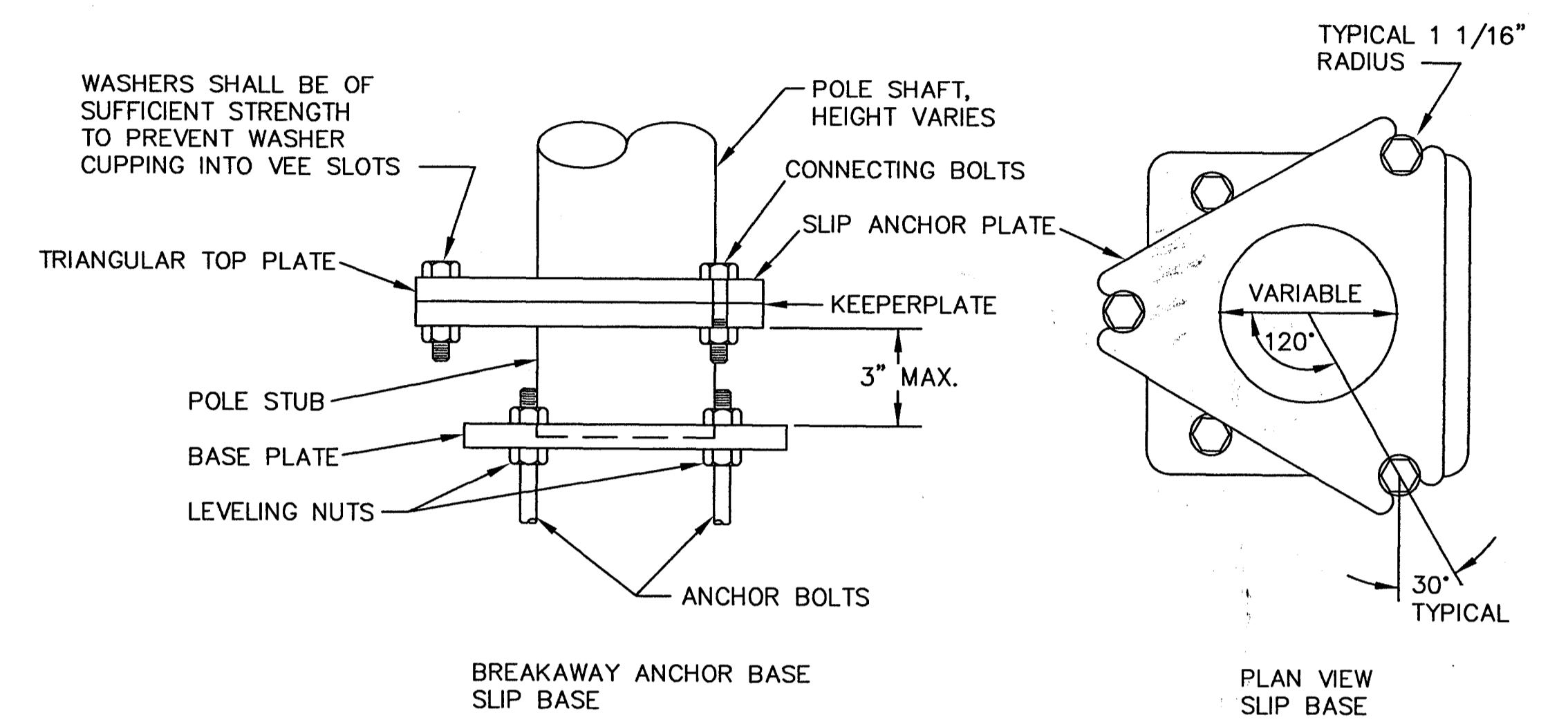
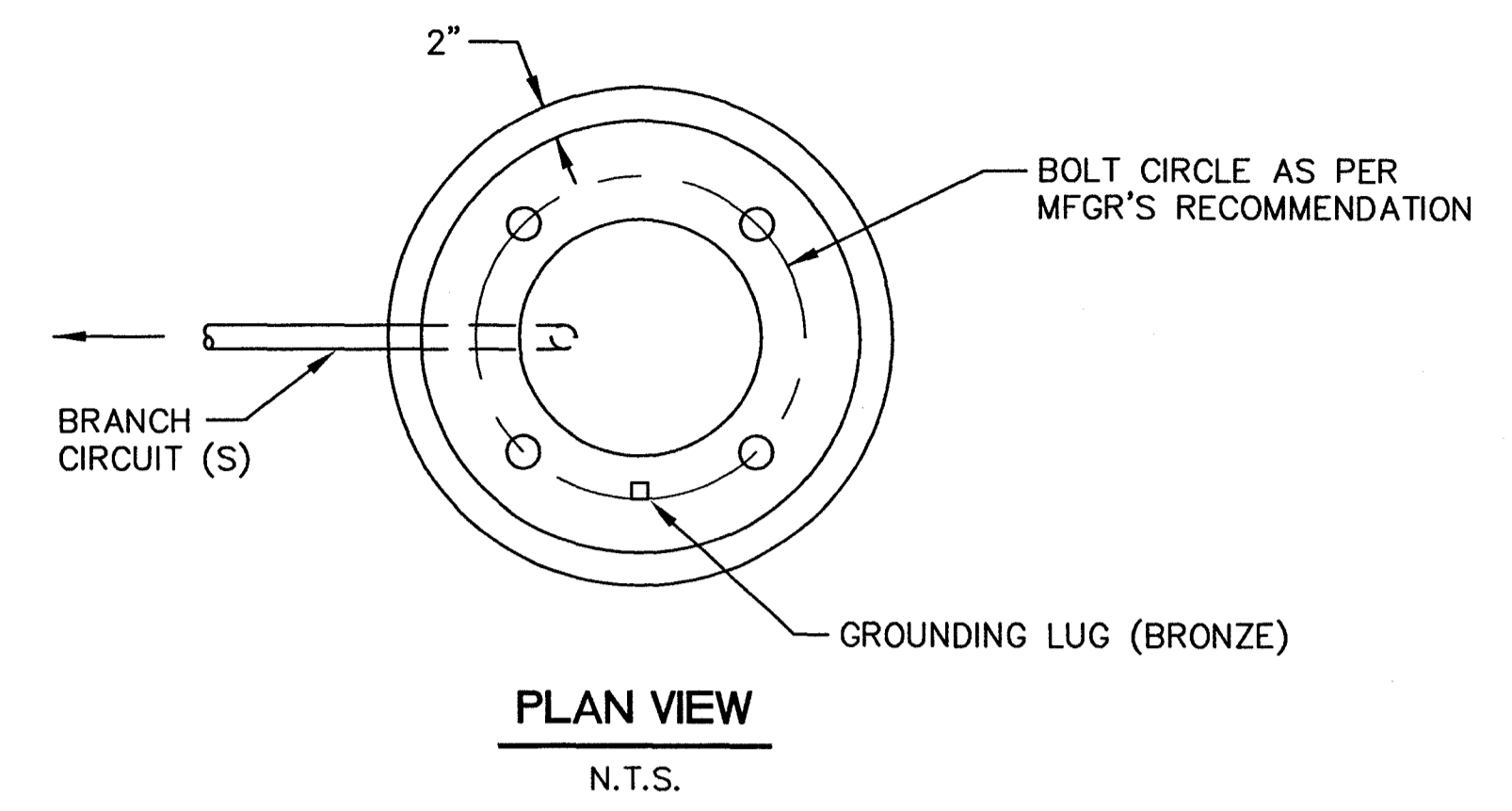


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LIGHTING LAYOUT PLAN	
WORKING NUMBER: L-5	DRAWING NUMBER: 54

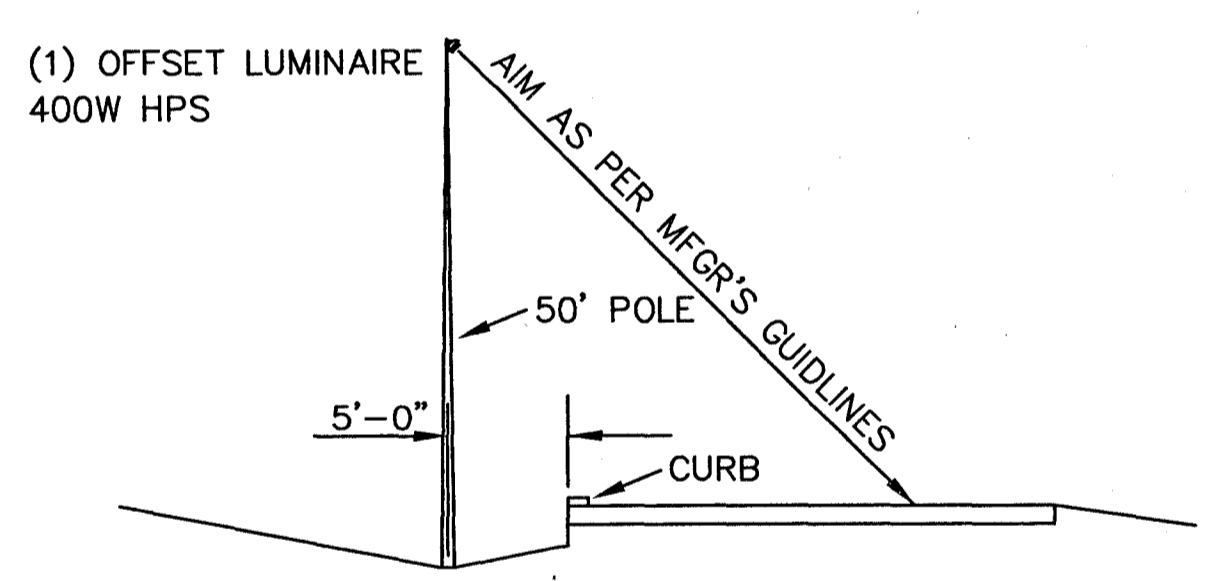


LUMINAIRE-LOWMAST LIGHTING ASSEMBLIES DETAIL FOR TYPE "B" AND "C"
 LUMINAIRE SHALL BE HOLOPHANE MV400HP48WRVG
 N.T.S.



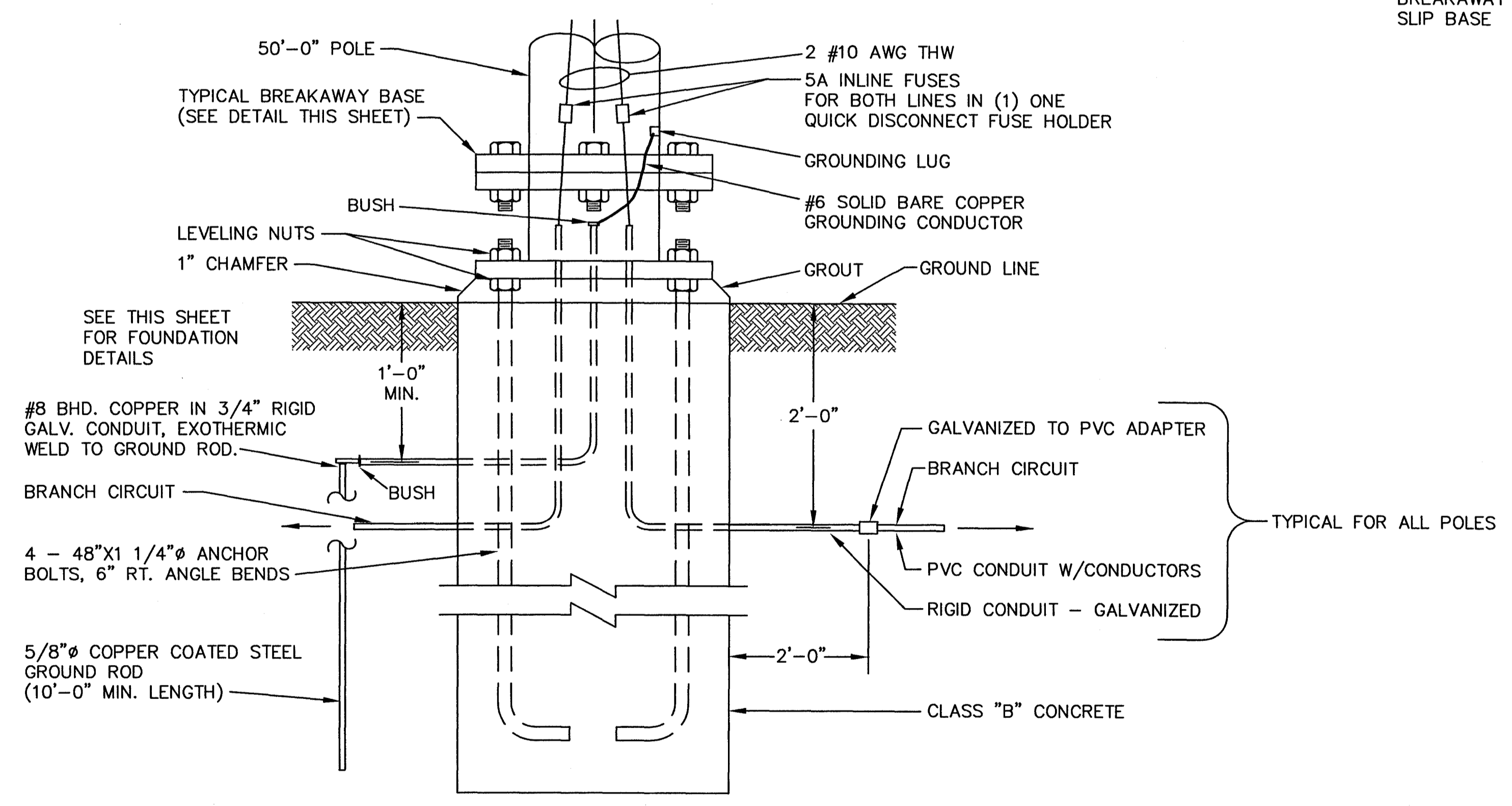
BREAKAWAY - SLIP BASE
 N.T.S.

- NOTES:
- KEEPER PLATE IS FABRICATED FROM #28 GAUGE GALVANIZED SHEET STEEL. ONE (1) FURNISHED WITH EACH POLE EQUIPPED WITH SLIP BASE.
 - SLIP ANCHOR PLATE IS FABRICATED FROM STEEL PLATE CONFORMING TO ASTM A-36 WITH MINIMUM YIELD STRENGTH OF 36 KSI. ONE (1) SLIP ANCHOR PLATE IS FURNISHED WITH EACH SLIP BASE EQUIPPED POLE.



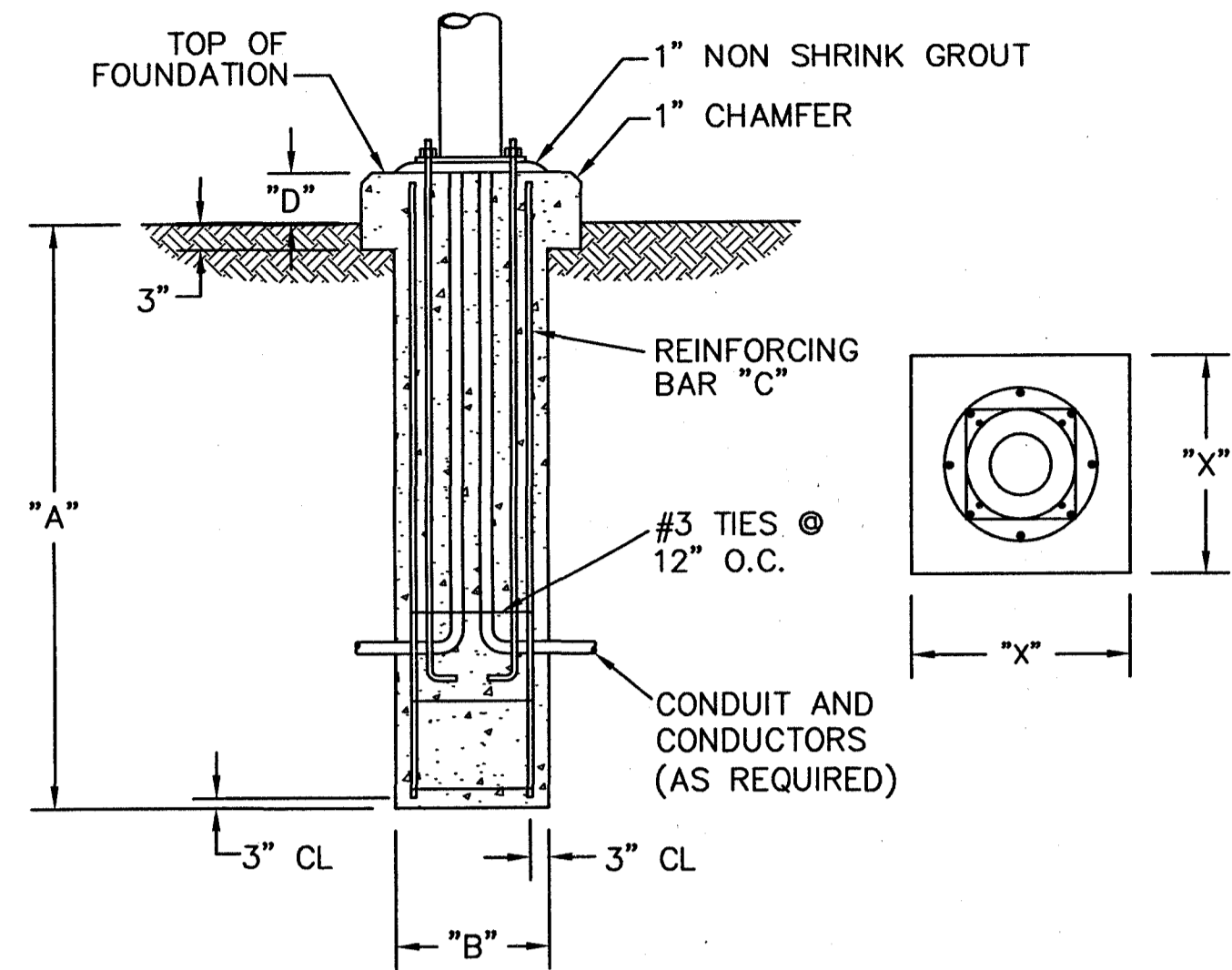
VERTICAL ALIGNMENT OF LOW MAST POLES DETAIL
 NO SCALE

- NOTE: 1. SEE SPECIFICATIONS FOR CLARIFICATION ON POLE ALIGNMENT.
 2. THE NEW POLES SHALL MATCH THE EXISTING VALMONT POLES SUPPLIED ON ORDER 4R435-00

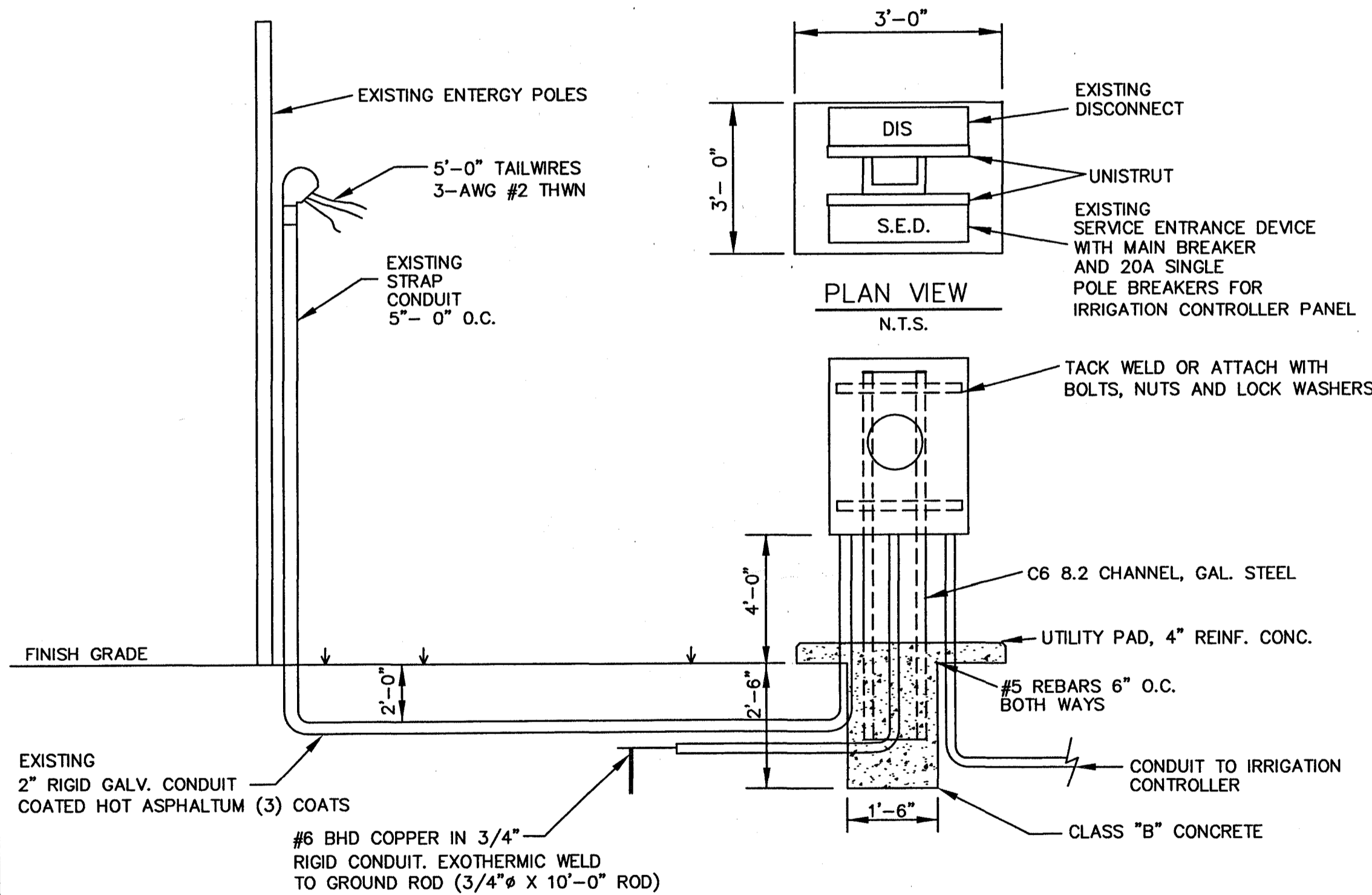


FOUNDATION DETAIL TYPE "A" "B" AND "C"
LIGHTING ASSEMBLY
 N.T.S.

<p>NOTICE TO DRAWING HOLDER</p> <p>NEEL-SCHAFFER, INC., HERINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.</p>	<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	BY	DESCRIPTION					<p>DRAWING INFORMATION</p> <p>N-S PROJECT NO.: 05734.050 FILENAME: 5734ELCDET-3.DWG CADD TYPE: Autocad 2002 SURVEYED BY: V.G.R. DATE: 12/05/06 DRWN: J.E.M. DATE: 12/05/06 CHKD: DATE: QA/QC: DATE: </p>	<p>RENAISSANCE AT COLONY PARKWAY ROADWAY IMPROVEMENTS RIDGELAND, MISSISSIPPI N.S. ACCOUNT NO. 05734.050</p>		<p>NEEL-SCHAFFER Solutions you can build upon</p> <p>1230 HWY 51 Madison, MS 39110 PH: (601)898-8118 / FAX: (601)898-2460</p>	<p>LOW MAST DETAILS</p> <table border="1"> <tr> <td>WORKING NUMBER: LMD-1</td> <td>DRAWING NUMBER: 55</td> </tr> </table>	WORKING NUMBER: LMD-1	DRAWING NUMBER: 55
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FOUNDATION DETAILS
N.T.S.



RELOCATION IRRIGATION SECONDARY POWER DETAIL
N.T.S.

LIGHTING NOTES

- ① ALL LIGHTING ASSEMBLY LOCATIONS WILL BE STAKED IN THE FIELD BY THE CONTRACTOR. THESE LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION OF THE ASSEMBLIES.
- ② ALL EXISTING LIGHTING ASSEMBLIES NOT EFFECTED BY THE CONSTRUCTION SHALL BE KEPT OPERATIONAL BY THE CONTRACTOR.
- ③ ALL QUANTITIES SHOWN FOR BRANCH CIRCUITS ARE APPROXIMATE AND MAY NOT REFLECT LENGTHS REQUIRED BY THE TERRAIN IN THE FIELD.
- ④ THE CONTRACTOR MAY FIND IT NECESSARY TO CONSTRUCT TEMPORARY RAMPS OR ROADWAYS FOR CONSTRUCTION. THESE MAY BE DONE AT THE APPROVAL OF THE ENGINEER (NOT A SEPARATE PAY ITEM). RAMPS OR ROADWAYS MUST BE CONSTRUCTED IN A WAY NOT TO INTERFERE WITH EXISTING DRAINAGE. CONTRACTOR SHALL PROVIDE TEMPORARY EROSION CONTROL UNTIL THE RAMPS ARE REMOVED (NOT A SEPARATE PAY ITEM). WHEN NO LONGER REQUIRED, THE RAMPS OR ROADWAYS ARE TO BE REMOVED AND THE EFFECTED AREA(S) GRASSED AND GROWTH ESTABLISHED (NOT A SEPARATE PAY ITEM).
- ⑤ THE COST OF DISPOSING OF MATERIALS DEEMED EXCESS EXCAVATION SHALL BE ABSORBED FOR PAYMENT IN OTHER ITEMS.
- ⑥ CONTRACTOR SHALL PROVIDE TOUCH UP GALVANIZING SUPPLIED BY POLE MANUFACTURER TO MATCH POLE FINISH.
- ⑦ IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS, APRONS, BRIDGES, ETC. FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
- ⑧ WHERE CONTRACTOR ENCOUNTERS PAVED DITCHES IN ROUTING OF BRANCH CIRCUITS, HE WILL JACK OR BORE UNDER DITCHES. THIS IS NOT A SEPARATE PAY ITEM. DAMAGE TO PAVED DITCHES (AND OTHER STRUCTURES) CAUSED BY THE CONTRACTOR DURING THIS PROJECT SHALL BE REPAIRED, (AS DIRECTED BY THE ENGINEER) AT NO COST TO THE OWNER.
- ⑨ ANY AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR (TO INCLUDE GRASSING AND SITE GRADING) AS DIRECTED BY THE ENGINEER. CONTRACTOR SHALL PROVIDE TEMPORARY EROSION CONTROL FOR DISTURBED AREA UNTIL THEY HAVE BEEN GRASSED AND GROWTH ESTABLISHED (NOT A SEPARATE PAY ITEM).
- ⑩ EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CANNOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION. THE CONTRACTOR MUST COORDINATE THE LOCATION OF MDOOT UNDERGROUND LINES (EXISTING LIGHTING) WITH THE DISTRICT 5 MAINTENANCE OFFICE IN NEWTON, MS. TELEPHONE 601-683-3341..
- ⑪ METAL POLES SHALL BE SHIPPED TO SITE LOCATION SECURED WITH NYLON OR OTHER SUITABLE TIE DOWN MEANS TO PREVENT DAMAGE TO POLE SURFACE. CABLE OR CHAIN LASHINGS ARE NOT TO BE USED.
- ⑫ CONTRACTOR MAY JACK OR BORE A SINGLE SLEEVE FOR INSTALLATION OF MULTIPLE BRANCH CIRCUIT CONDUITS AT A ROADWAY CROSSING, RATHER THAN JACKING OR BORING INDIVIDUAL CONDUITS. THE INSTALLATION OF THE SLEEVE AND FIRST CONDUIT WILL BE PAID FOR AT THE BID PRICE FOR UNDERGROUND BRANCH CIRCUIT (JACKED OR BORED). ADDITIONAL CONDUITS PLACED IN THE SLEEVE SHALL BE PAID FOR AT THE BID PRICE OF REGULAR UNDERGROUND BRANCH CIRCUIT. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR LARGER SLEEVE. SUBMIT SIZE OF SLEEVE AND MATERIALS FOR APPROVAL PRIOR TO INSTALLATION.
- ⑬ FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS, EXCEPT FOR THOSE DESIGNATED IN PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
- ⑭ THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONSTRUCTIONS.
- ⑮ WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE WHAT BRACING, SHORING OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE BID FOR CONTRACT ITEMS.

LEGEND

- LA-? (A) 1 LOW MAST LIGHTING ASSEMBLY, DESIGNATION AND AND CIRCUIT NO., EXISTING POLE AND LUMINAIRE TO BE USED
- LA-? (B) 1 LOW MAST LIGHTING ASSEMBLY, DESIGNATION AND AND CIRCUIT NO., EXISTING 50 FT. POLE WITH NEW 1-400 WATT H.P.S. TYPE III DISTRIBUTION LUMINAIRE (TYPE 50-1-0-400)
- LA-? (C) 1 LOW MAST LIGHTING ASSEMBLY, DESIGNATION AND AND CIRCUIT NO., 50 FT. POLE, 1 - 400 WATT H.P.S. TYPE III DISTRIBUTION LUMINAIRE (TYPE 50-1-0-400)
- 2" C#6 UNDERGROUND SECONDARY BRANCH CIRCUIT, NO. OF OF CONDUCTORS, "L" DENOTES EQUIPMENT GROUND, SIZE OF CONDUIT AND CONDUCTORS.
- (X) EXISTING LOW MAST LIGHTING ASSEMBLY TO BE REMOVED. THE POLE SHALL BE RELOCATED
- EXISTING UNDERGROUND CONDUCTORS TO BE ABANDONED OR REMOVED.
- EXISTING JACK OR BORE TO BE REUSED AND NEW CONDUCTORS INSTALLED
- E --- EXISTING CONDUIT TO BE REUSED AND NEW CONDUCTORS INSTALLED.
- (X) IPP EXISTING IRRIGATION CONTROLLER POWER PANEL AND DISCONNECT TO BE REMOVED AND RELOCATED.
- IPP IRRIGATION CONTROLLER POWER PANEL
- (X) X X EXISTING CONDUIT TO HAVE CONDUCTORS REMOVED
- (X) X X EXISTING JACK OR BORE CONDUIT TO HAVE CONDUCTORS REMOVED
- IC EXISTING IRRIGATION CONTROLLER (TO REMAIN)
- PB EXISTING PULL BOX
- SPC #2 EXISTING SECONDARY POWER CONTROLLER

SCHEDULE - FOUNDATIONS

POLE LOCATION	TYPE	A	B	C	D	X
LA-18 13+85	B	12'-0"	2'-0"	7-#9	0'-0"	2'-6"
LA-19 9+25	C	12'-0"	2'-0"	7-#9	0'-0"	2'-6"
LA-20 7+80	C	12'-0"	2'-0"	7-#9	0'-0"	2'-6"
LA-22 6+30	A	12'-0"	2'-0"	7-#9	0'-0"	2'-6"
LA-24 12+16	A	12'-0"	2'-0"	7-#9	0'-0"	2'-6"
LA-30 12+50	B	12'-0"	2'-0"	7-#9	0'-0"	2'-6"
LA-31 10+85	B	12'-0"	2'-0"	7-#9	0'-0"	2'-6"

- NOTES:
1. THE DIMENSIONS AND REINFORCEMENT SHOWN ARE ESTIMATED. THE ACTUAL DIMENSIONS WILL BE DETERMINED AFTER FINAL GRADING IS COMPLETE AND GEOTECHNICAL TESTING HAS BEEN DONE.
 2. EMBEDMENT DEPTHS "A" ARE MEASURED FROM NATURAL GROUND.

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REVISIONS			
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DRAWING INFORMATION	
N-S PROJECT NO.:	05734.050
FILENAME:	5734ELCDET-4.DWG
CADD TYPE:	Autocad 2002
SURVEYED BY:	
DSGN: V.G.R.	DATE: 12/05/06
DRWN: J.E.M.	DATE: 12/05/06
CHKD:	DATE:
QA/QC:	DATE:

**RENAISSANCE AT COLONY PARKWAY
ROADWAY IMPROVEMENTS
RIDGELAND, MISSISSIPPI
N.S. ACCOUNT NO. 05734.050**



NEEL-SCHAFFER
Solutions you can build upon
1230 HWY 51
Madison, MS 39110
PH: (601)898-8118 / FAX: (601)898-2460

LOW MAST DETAILS	
WORKING NUMBER: LMD-2	DRAWING NUMBER: 56