

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, the undersigned, a registered professional engineer in the state of New Mexico, do hereby certify that the indicated record drawings are based on information provided by the City of Albuquerque (COA) Project Manager in the form of red-line construction drawings. the transfer of information herein is true and correct to the best of my knowledge and belief. However, I have not verified the accuracy and/or completeness of the information provided by the COA Project Manager and shall not be responsible for errors or omissions that may be incorporated as a result of erroneous information provided by others. All information including vertical and horizontal dimensions should be field verified prior to use on future projects)

Robert A. Ryhl

6/8/2010
Date



CITY OF ALBUQUERQUE
CONSTRUCTION PLANS
FOR
UNSER BLVD / SAGE RD
INTERIM IMPROVEMENTS
COA PROJECT #7627.91
SEPTEMBER, 2006
INDEX OF DRAWINGS

GENERAL

- 1 COVER SHEET, LOCATION MAP AND INDEX OF DRAWINGS
- 2 GENERAL NOTES, LEGEND, AND ABBREVIATIONS
- 3-6 ROADWAY TYPICAL SECTION DETAILS
- 7 ROADWAY SURVEY MONUMENTATION

ROADWAY

- 8 PLAN AND PROFILE SAGE RD. STA 0+00 TO STA 8+00
- 9 PLAN AND PROFILE SAGE RD. STA 8+00 TO STA 16+00
- 10 PLAN AND PROFILE SAGE RD. STA 16+00 TO STA 24+00
- 11 PLAN AND PROFILE SAGE RD. STA 24+00 TO STA 32+00
- 12 PLAN AND PROFILE SAGE RD. STA 32+00 TO STA 39+28
- 13 PLAN AND PROFILE UNSER BLVD. STA 10+70 TO STA 17+00
- 14 PLAN AND PROFILE UNSER BLVD. STA 17+00 TO STA 22+00

STRIPING AND SIGNING

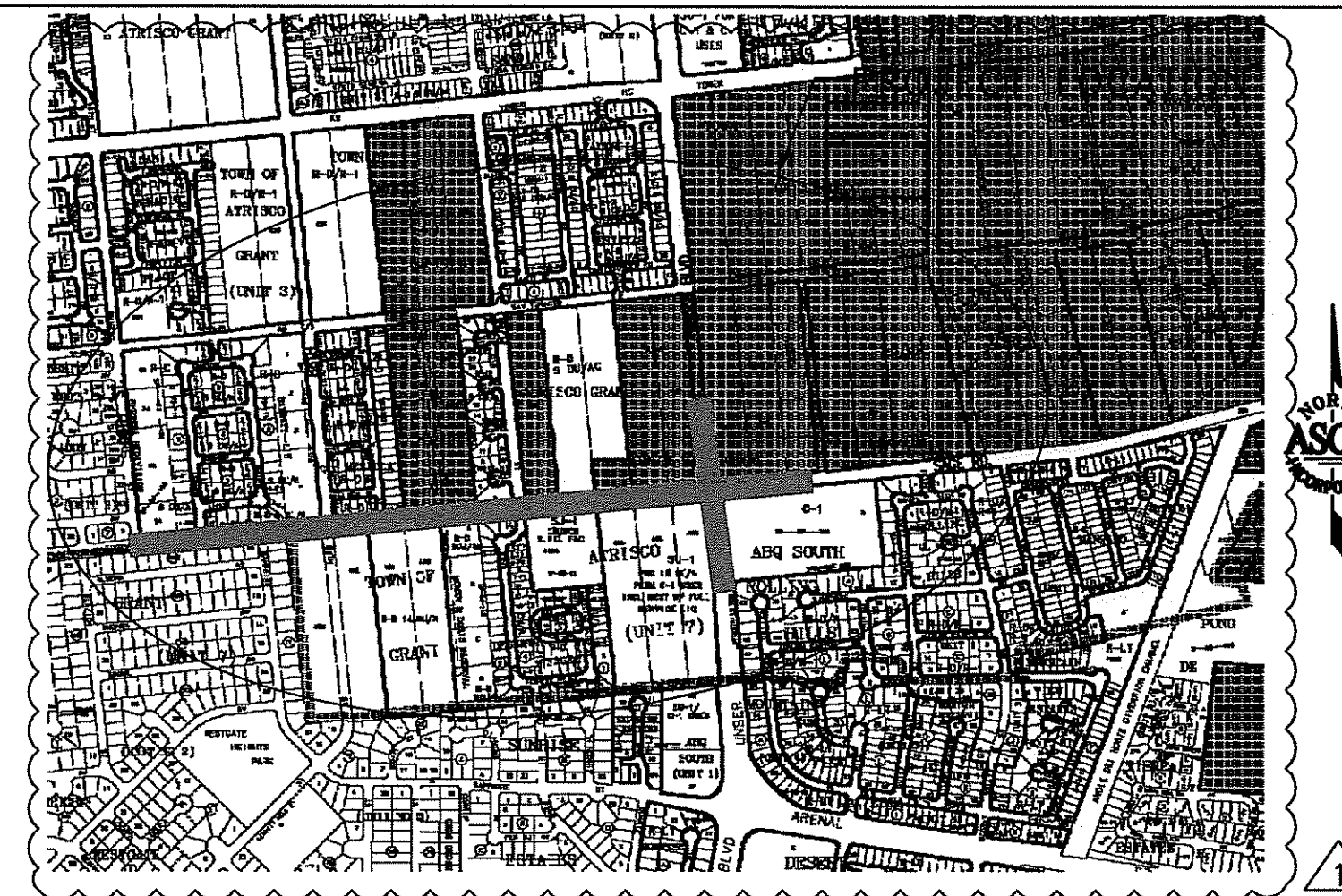
- 15 STRIPING AND SIGNING SAGE RD. STA. 0+00 TO STA 19+00
- 16 STRIPING AND SIGNING SAGE RD. STA. 19+00 TO E.O.P.
- 17 STRIPING AND SIGNING UNSER BLVD.

TRAFFIC SIGNAL

- 18 TRAFFIC SIGNAL NOTES & LEGEND
- 19 SIGNAL SPAN DETAILS & NOTES
- 20-21 SIGNAL LAYOUTS
- 22 CONDUITS & CABLES, FUNCTIONS & DETECTORS

THIS SHEET HAS BEEN REDRAWN.
SEE ORIGINAL DRAWING FOR
SIGNATURES AND ENGINEER'S SEAL

ISSUED FOR CONSTRUCTION



VICINITY MAP

NOT TO SCALE
ZONE MAPS L-10A-9, & 10

UTILITY COMPANY CONTACTS

DATE LAST EDITED: 02-08-2006

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REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	* * * * *	
		DRC Chairman				APPROVED FOR CONSTRUCTION	
		Transportation					
		Water/Wastewater					
		Hydrology					
		C.I.P.					
Constn. Mngmnt.				City Engineer		Date	
City Project No.				7627.91		Sheet 1 of 22	

LEGEND

PROPOSED

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DESCRIPTION

SANITARY SEWER MANHOLE

TELEPHONE MANHOLE

SANITARY SEWER LINE

STORM DRAIN LINE

WATER LINE

OVERHEAD ELECTRICAL LINE

UNDERGROUND ELECTRICAL/TRAFFIC CONTROL

UNDERGROUND TELEPHONE

GAS LINE

CABLE TELEVISION LINE

GATE VALVE-WATER

FIRE HYDRANT ASSEMBLY

GAS

POWER POLE

LIGHT POLE

TRAFFIC SIGNAL MASTARM

CONTROL CABINET BOX

PULL BOX

EDGE OF ASPHALT

ROLLED ASPHALT CURB

STANDARD CURB & GUTTER

SIDEWALK

BLOCK WALL

WOOD FENCE

SPOT ELEVATION

RIGHT OF WAY LINES

PUBLIC EASEMENT LINE

GUY ANCHOR

BARRICADE

TELEPHONE PEDISTAL

ELECTRIC PEDISTAL

SIGN

COA CONTROL MONUMENT

CONTROL POINT

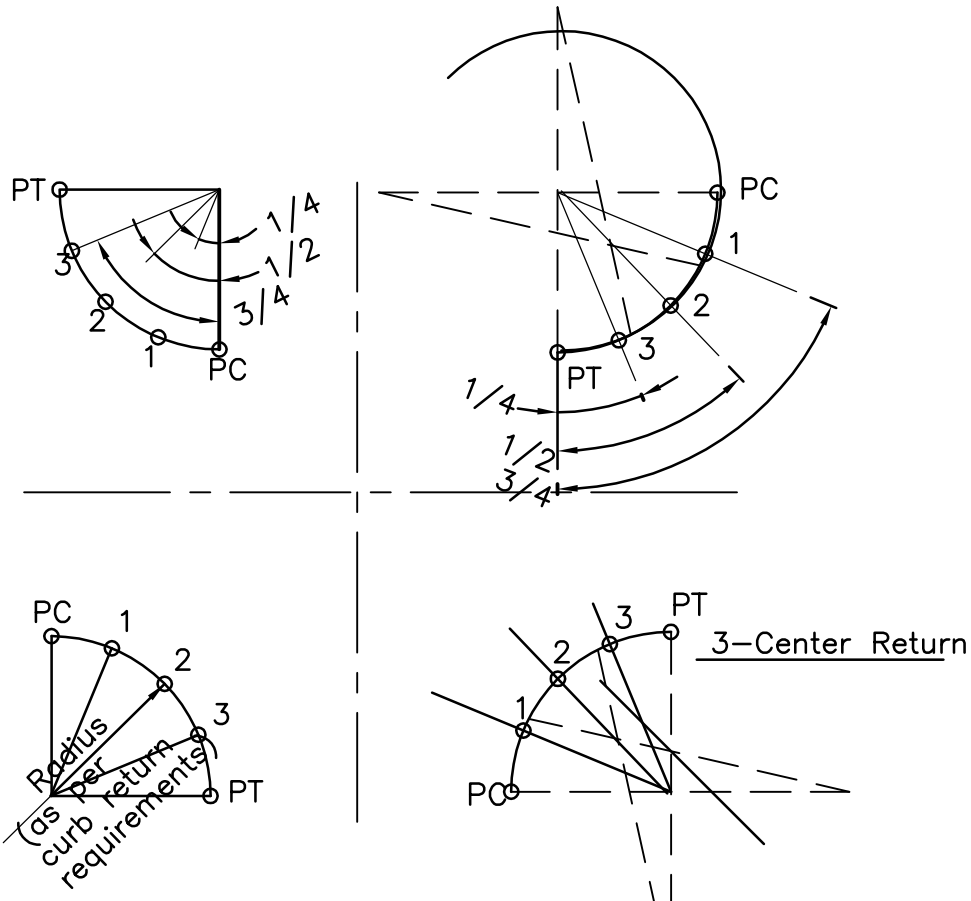
NEW ASPHALT PAVEMENT

EXISTING ASPHALT PAVEMENT TO BE REMOVED.

GENERAL NOTES

- 1 ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 THROUGH UPDATE 7 (REFERRED TO HEREFTER AS THE STANDARD SPECIFICATIONS) AS MODIFIED BY THE PROJECT SPECIFICATIONS TITLED UNSER/ SAGE INTERIM IMPROVEMENTS. THE STANDARD SPECIFICATIONS CONTAIN THE CITY STANDARD DRAWINGS.
- 2 TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATION SERVICE, NEW MEXICO ONE CALL AT 260-1990 FOR LOCATION OF EXISTING UTILITIES.
- 3 THE CONTRACTOR SHALL EXERCISE CARE TO AVOID DISTURBING EXISTING UNDERGROUND UTILITIES. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION.
- 4 PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
- 5 NOTE NOT USED.
- 6 TACK COAT FOR SURFACE COURSE REQUIREMENTS SHALL BE DETERMINED BY THE CITY PROJECT MANAGER.
- 7 ALL EXISTING MANHOLES AND VALVE BOXES WITHIN THE CONSTRUCTION LIMITS SHALL BE ADJUSTED TO THE NEW FINISH GRADE AS PART OF THE PAVING OPERATIONS. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO ADDITIONAL MEASURES OR PAYMENT SHALL BE MADE THEREFOR.
- 8 THE CONTRACTOR SHALL CONTACT THE CITY OF ALBUQUERQUE TRAFFIC DIVISION, 857-8273, ONE (1) WEEK IN ADVANCE OF ANY CHANGES REQUIRED IN THE TRAFFIC SIGNALIZATION OF THIS PROJECT.
- 9 ALL NEW STREET PAVING, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTERS, ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION OF THOSE AREAS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
- 10 NOTE NOT USED.
- 11 ALL EXCAVATED MATERIAL THAT IS NOT REQUIRED TO BE REUSED MUST BE REMOVED FROM THE PROJECT AREA WITHIN FOUR DAYS OF EXCAVATION. SPOIL PILES WILL BE ALLOWED ONLY AS DIRECTED BY THE ENGINEER. THIS WILL BE INCLUDED IN PAY ITEM 343.030.
- 12 THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS.
- 13 ALL PERMANENT AND CONSTRUCTION EASEMENTS ON PRIVATE PROPERTY WILL BE OBTAINED BY THE CITY OF ALBUQUERQUE PRIOR TO THE BEGINNING OF CONSTRUCTION.
- 14 WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE, AS REQUIRED, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING. THIS SHALL BE INCLUDED IN PAY ITEM 343.030.
- 15 CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLITION DEBRIS. SALVAGE OF ANY MATERIAL SHALL BE IDENTIFIED BY THE ENGINEER. MATERIALS SHALL BE DISPOSED OF IN CITY APPROVED WASTE AREA SECURED BY AND AT THE EXPENSE OF THE CONTRACTOR. THIS SHALL BE INCLUDED IN PAY ITEM 343.030. HAUL AND DISPOSAL OF PAVEMENT MILLING SHALL BE INCLUDED IN PAY ITEM 344.040.
- 16 EXISTING MEDIAN CURB AND GUTTER AND STANDARD CURB AND GUTTER, NOT DISTURBED BY CONTRACTOR, BUT OUT OF ALIGNMENT, DISPLACED VERTICALLY, BADLY BROKEN AND/OR DETERIORATED, WILL BE REPLACED AS DIRECTED BY THE FIELD ENGINEER AND PAID FOR AT CONTRACT UNIT PRICES.
- 17 THE CONTRACTOR SHALL NOTIFY THE ALBUQUERQUE-BERNALILLO COUNTY WATER UTILITY AUTHORITY (PH. 857-8200) AT LEAST SEVEN WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES. REFER TO SECTION 18 OF THE STANDARD SPECIFICATIONS.
- 18 THE CONTRACTOR AND THE FIRE MARSHALLS OFFICE SHALL NOTIFY THE ALBUQUERQUE-BERNALILLO COUNTY WATER UTILITY AUTHORITY (PH. 857-8200) AT LEAST SEVEN WORKING DAYS IN ADVANCE OF ANY DAY FIRE HYDRANTS THAT WILL BE TAKEN OUT OF AND RETURNED TO SERVICE.
- 19 THE REMOVAL AND REPLACEMENT OF PRIVATE SIGNS AND OBSTRUCTIONS SHALL BE BY THE RESPECTIVE PROPERTY OWNERS UNLESS OTHERWISE NOTED. COORDINATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 20 ALL TRAFFIC CONTROL DEVICES REQUIRED FOR DRIVEWAY CLOSURES, UTILITY CONSTRUCTION OR FOR OTHER REASONS AND NOT SHOWN ON THE SIGNING PLANS SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE PAID AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS AND BID PROPOSAL. PRIOR TO PLACING THE TRAFFIC CONTROL DEVICES, THE CONTRACTOR SHALL NOTIFY THE AFFECTED OWNERS IN ACCORDANCE WITH THE SPECIFICATIONS. CONTRACTOR MUST MAKE PROVISIONS TO PROVIDE ACCESS TO PROPERTIES.

- 21 NOTE NOT USED.
- 22 AT ALL CURB RETURNS, QUARTER-POINT ELEVATION DATA (SHOWN IN TABULAR FORM ON PLANS) APPLIES IN A CLOCKWISE DIRECTION. SEE TYPICAL 1/4 POINT LAYOUT PLAN THIS SHEET.
- 23 NOTE NOT USED.
- 24 THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVING OR CURB AND GUTTER DURING CONSTRUCTION, CAUSED BY CONSTRUCTION ACTIVITIES APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE. HE SHALL SUITABLY PROTECT THE CURB AND GUTTER FROM INCIDENTAL SPLASHING DURING THE PRIME AND TACK COAT APPLICATIONS AND SHALL BE RESPONSIBLE FOR CLEANING SAME AT HIS OWN COST SHOULD SPLASHING OCCUR.
- 25 ALL ABANDONED UTILITY LINES WHICH ARE EXPOSED AS A RESULT OF CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- 26 UNLESS OTHERWISE NOTED ON THE PLANS, WATER VALVE BOXES, MANHOLES OR OTHER SIMILAR UTILITIES MAINTAINED BY THE CITY SHALL REMAIN IN PLACE AND BE ADJUSTED TO GRADE PRIOR TO PAVING. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO ADDITIONAL MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR.
- 27 EXISTING FIRE HYDRANTS WITHIN CONSTRUCTION LIMITS SHALL BE SALVAGED TO THE CITY. LINES SHALL BE CAPPED AND BLOCKED PER COA STD. DETAIL 2320 (JAN 2003).
- 28 ALL CURB GRADES SHOWN ARE ALONG FACE OF CURB AT TOP OF CURB.
- 29 NOTE NOT USED.
- 30 TELEPHONE AND ELECTRICAL APPURTENANCES SHALL BE ADJUSTED TO GRADE BY OTHERS. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY CONTACTS. SEE SHEET 1 FOR CONTACTS.
- 31 ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- 32 ALL EXISTING STRIPING SHALL BE ERADICATED. STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANING OF THE ROADWAY TO A MAXIMUM DEPTH OF 0.25 INCHES AND FOR A WIDTH EQUAL TO TWO TIMES THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED.
- 33 ALL BORROW MATERIAL SHALL HAVE A MINIMUM R-VALUE OF 50 OR BETTER.
- 34 CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PER CURRENT MUTCD AND CITY OF ALBUQUERQUE TRAFFIC CONTROL STANDARDS.
- 35 NOTE NOT USED.
- 36 SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION; CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- 37 CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEY OR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

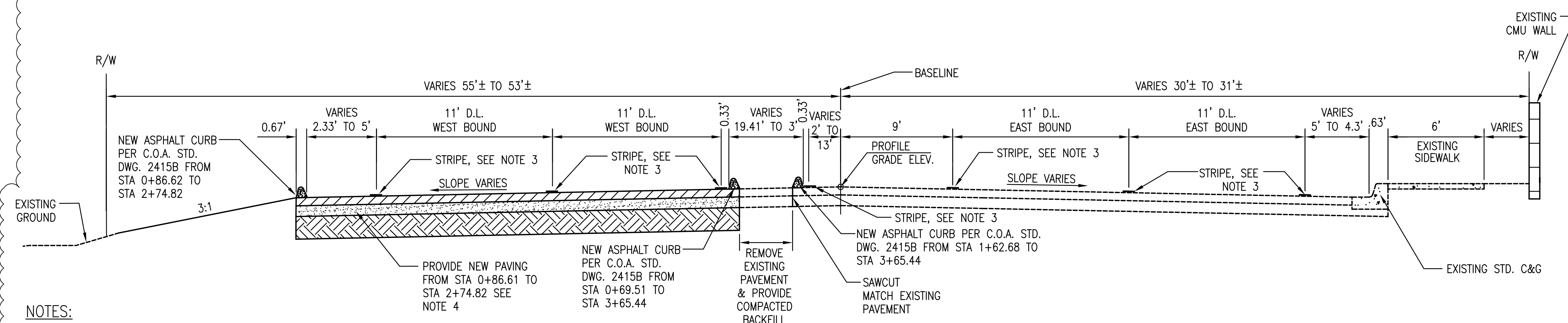
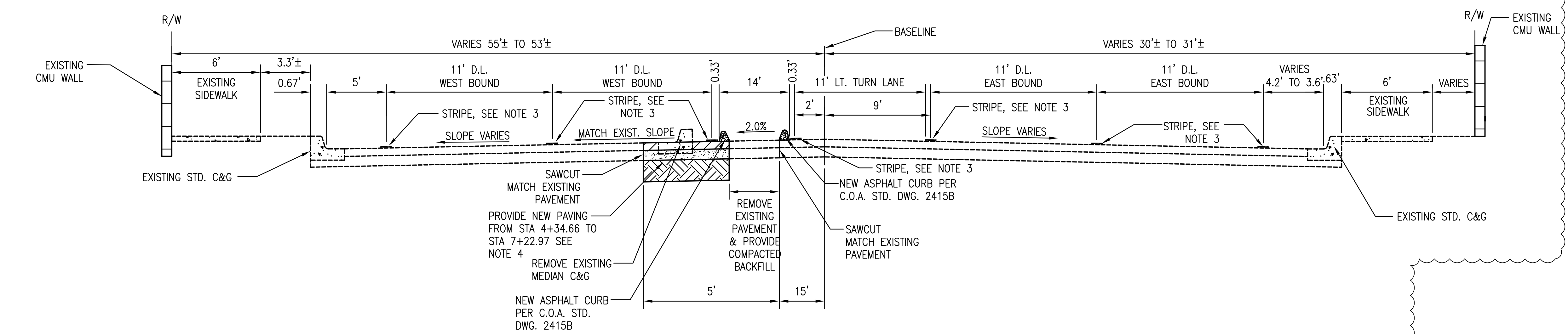


TYPICAL 1/4 POINT LAYOUT PLAN

ABBREVIATIONS

⊙	AT
CL	CENTER LINE
CL CONST	CENTER LINE CONSTRUCTION
COA STD DWG	CITY OF ALBUQUERQUE STANDARD DRAWING
CP	SURVEY CONTROL POINT
FL	FLOW LINE ELEVATION
GB	GRADE BREAK
LT	LEFT
OPP	OPPOSITE
RT	RIGHT
SD	STORM DRAIN
STA	STATION
TC	TOP OF CURB ELEVATION
TL	TRUE LENGTH
VC	VERTICAL CURVE
TP	TOP OF PIPE ELEVATION
MJ	MECHANICAL JOINT
WL	WATER LINE
SAS	SANITARY SEWER
UE	UNDERGROUND ELECTRIC
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
EW	EACH WAY
N	NORTH
E	EAST
W	WEST
NE	NORTH EAST
SE	SOUTH EAST
NW	NORTH WEST
SW	SOUTH WEST
R/W	RIGHT OF WAY
DL	DRIVING LANE

ENGINEER'S SEAL				SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION			
				FIELD NOTES				CONTRACTOR ARMOUR PAVEMENT			
				NO.	BY	DATE	1-M10, STANDARD C.O.A. BRASS CAP SET IN CONCRETE 2' ABOVE GROUND AND STAINED "1-M10", LOCATED FROM THE INTERSECTION OF SO. COORS RD., ROSENDO GARCIA RD., AND SAGE RD., TRAVEL WEST ON SAGE RD. APPROXIMATELY 1.1 MI. TO UNSER BLVD. STATION IS LOCATED 64' EAST FROM CENTERLINE OF UNSER AND 66' SOUTH FROM CENTERLINE OF SAGE, NAVD88 ELEV. 5082.76.		WORKED BY PRECISION SURVEY DATE 8/06		
									INSPECTOR'S ACCEPTANCE BY COA DATE 8/06		
									VERIFICATION BY COA DATE 8/06		
									DRAWINGS CORRECTED BY WHAPACIFIC DATE 4/10		
								MICRO-FILM INFORMATION			
									RECORDED BY		
									NO.		
									DATE		

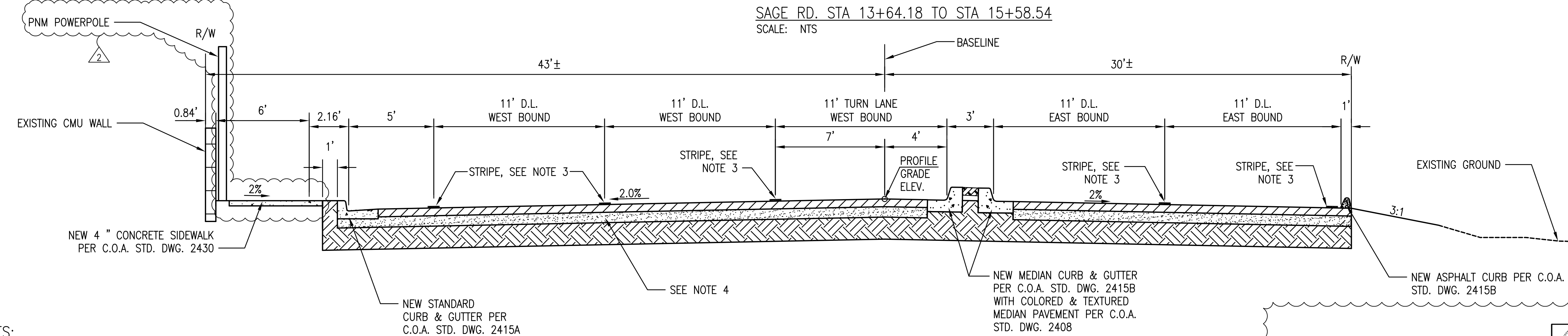
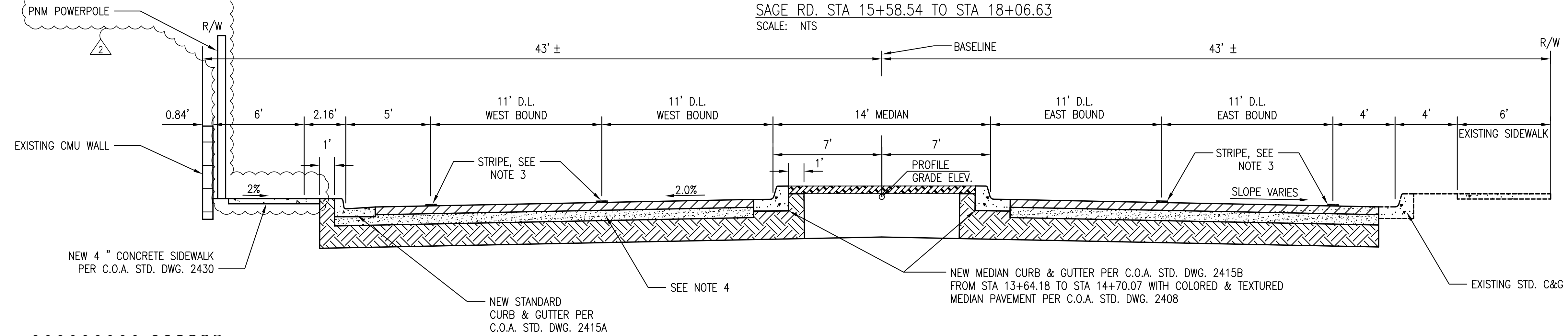
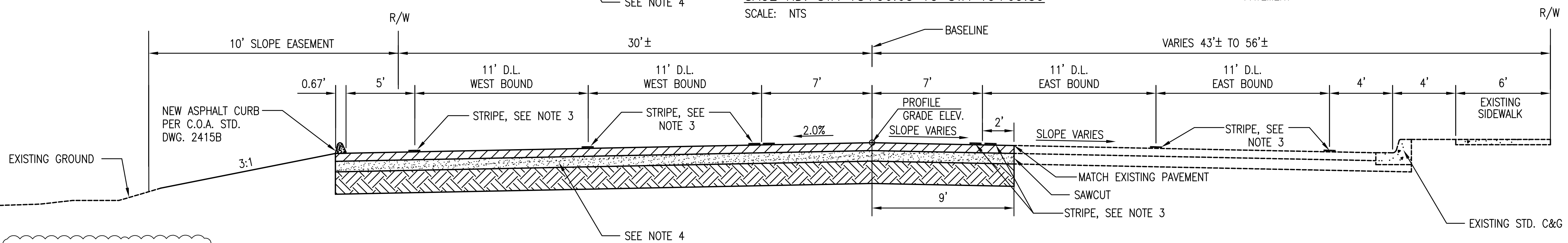
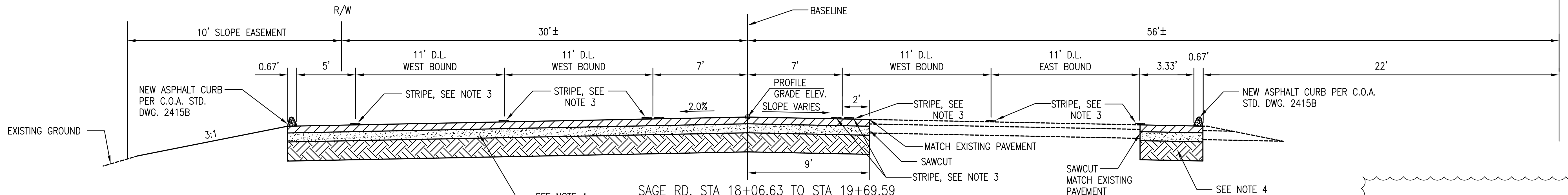


- SAGE RD. STA 0+69.50 TO STA 3+65.44
SCALE: NTS

THIS SHEET HAS BEEN REDRAWN.
SEE ORIGINAL DRAWING FOR
SIGNATURES AND ENGINEER'S SEAL

ISSUED FOR CONSTRUCTION

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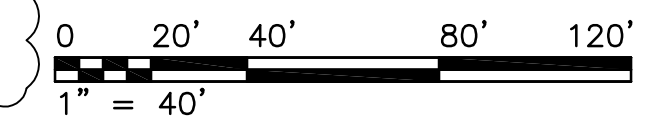


- NOTES:**
- GRADE AREA BETWEEN EDGE OF PAVEMENT AND RIGHT OF WAY TO DRAIN ALONG EXISTING DRAINAGE PATH, TYPICAL ON BOTH SIDES OF UNSER BLVD. AND SAGE ROAD, UNLESS NOTED OTHERWISE ON PLANS.
 - RIGHT OF WAY SHOWN IS APPROXIMATE BASED ON MONUMENTATION FOUND IN FIELD, NO ACTUAL BOUNDARY SURVEY WAS PERFORMED.
 - SEE STRIPING & SIGNING SHEET 15-17 FOR STRIPE LOCATIONS AND TYPES.
 - SEE SHEET 6, DETAIL A FOR PAVEMENT SECTION.

RECORD DRAWING
Date: 06/2010
These drawings have been revised based on the construction records of the owner. While the information submitted by the Engineer will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

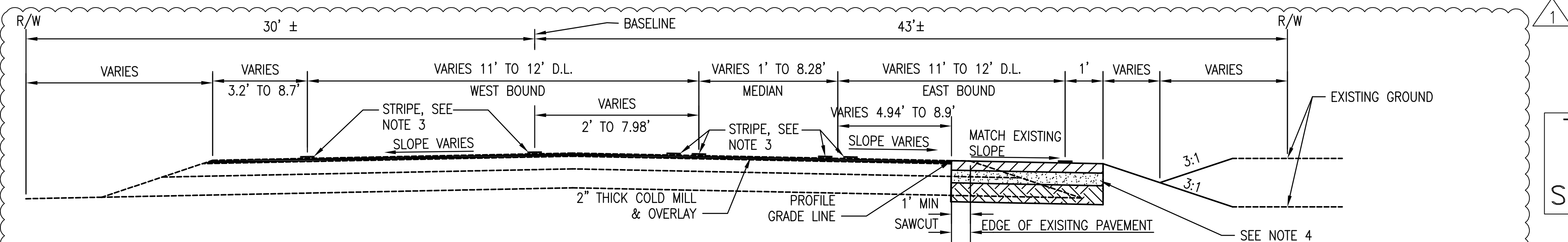
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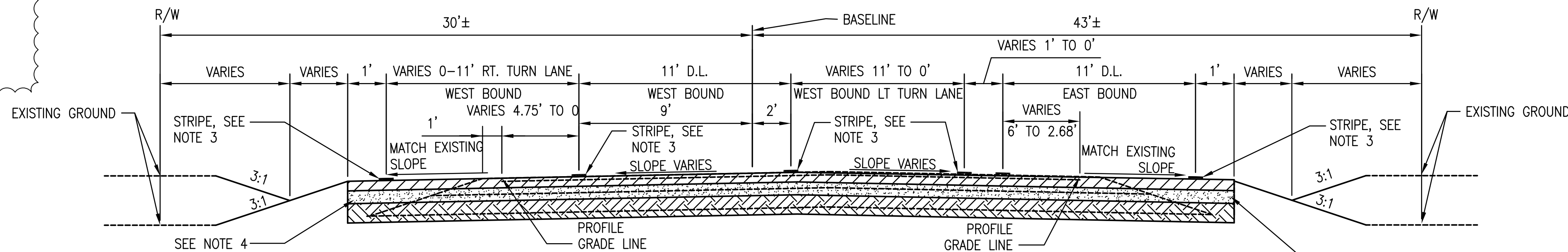
AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	ARMOUR PAVEMENT	DATE	8/06	1-M10, STANDARD C.O.A. BRASS CAP SET IN CONCRETE 2'	DATE			NO.	BY	DATE					
WORKED BY	PRECISION SURVEY	DATE	8/06	ABOVE GROUND AND STAMED "1-M10", LOCATED FROM THE											
INSPECTOR'S	ACCEPTANCE BY	COA	DATE	INTERSECTION OF SO. COORS RD., ROSENDO GARCIA RD., AND											
VERIFICATION BY	COA	DATE	8/06	SAGE RD., TRAVEL WEST ON SAGE RD. APPROXIMATELY 1.1 MI. TO											
DATE	8/06			UNSER BLVD. STATION IS LOCATED 64' EAST FROM CENTERLINE											
DATE	4/10			OF UNSER AND 66' SOUTH FROM CENTERLINE OF SAGE, NAD83											
RECORDED BY				ELEV. 5082.76.											
NO.															
ASCG INCORPORATED				DESIGNED BY				DATE				11/05			
DESIGNED BY				DATE				11/05				11/05			
DRAWN BY				DATE				11/05				11/05			
CHECKED BY				DATE				11/05				11/05			
TDS				DATE				11/05				11/05			

		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DEVELOPMENT DIVISION			
TITLE: CITY OF ALBUQUERQUE					
UNSER/SAGE INTERIM IMPROVEMENTS ROADWAY TYPICAL SECTION DETAILS					
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.		
City Project No.	Zone Map No.	Sheet	Of		
7627.91	L-10,M-9&10	4	22		



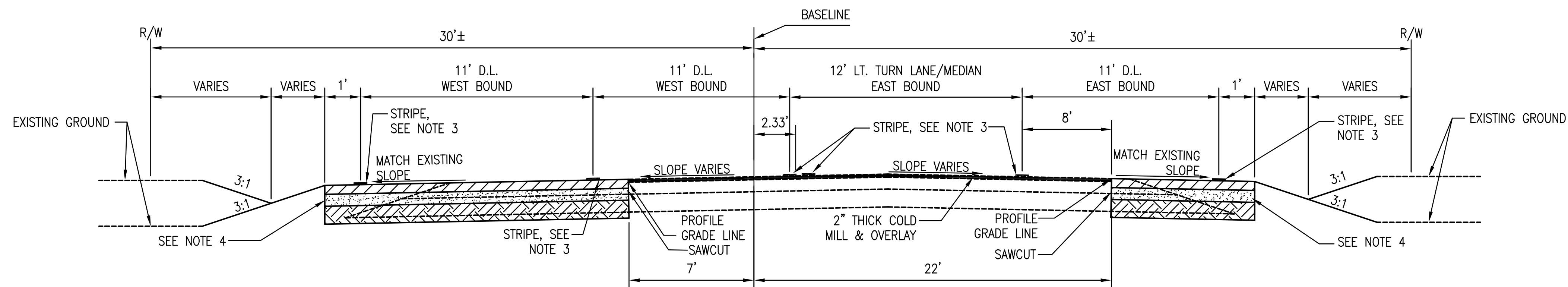
SAGE RD. STA 37+20.20 TO STA 38+19.50

SCALE: NTS



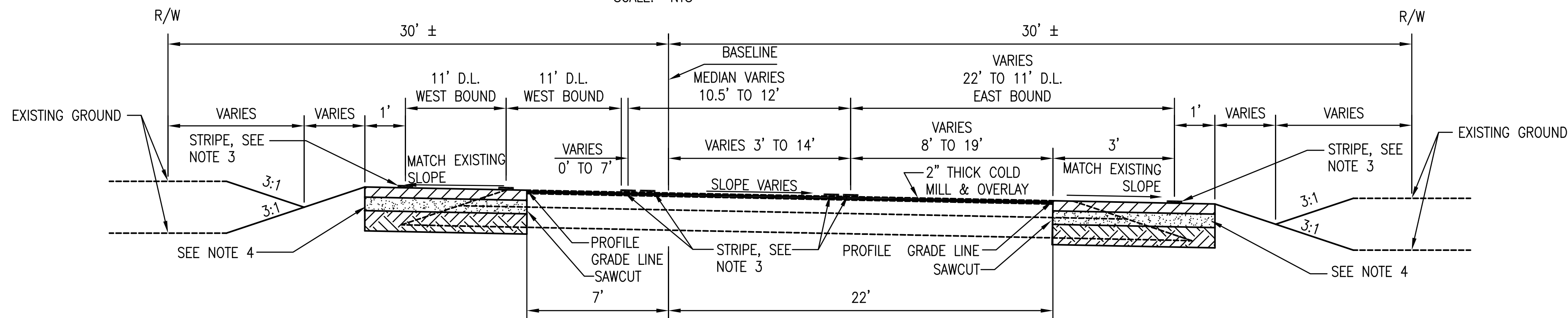
SAGE RD. STA 33+46.11 TO STA 37+20.20

SCALE: NTS



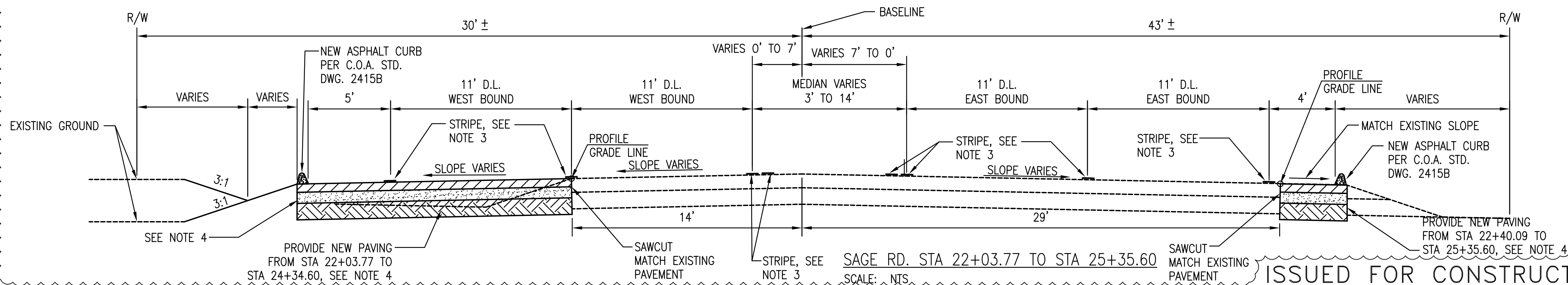
SAGE RD. STA 28+86.86 TO STA 32+21.00

SCALE: NTS



SAGE RD. STA 26+37.52 TO STA 28+86.86

SCALE: NTS



SAGE RD. STA 22+03.77 TO STA 25+35.60

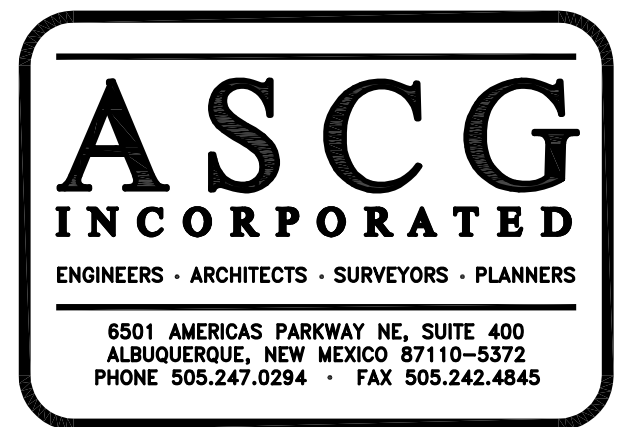
SCALE: NTS


THIS SHEET HAS BEEN REDRAWN.
SEE ORIGINAL DRAWING FOR
SIGNATURES AND ENGINEER'S SEAL

RECORD DRAWING
Date: 06/2010
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

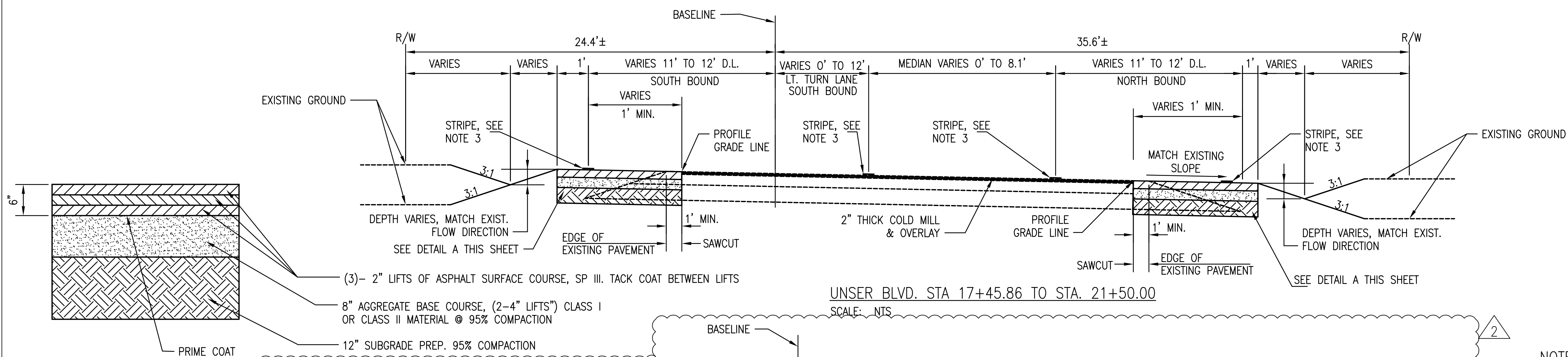
NOTES:

- GRADE AREA BETWEEN EDGE OF PAVEMENT AND RIGHT OF WAY TO DRAIN ALONG EXISTING DRAINAGE PATH, TYPICAL ON BOTH SIDES OF UNSER BLVD. AND SAGE ROAD, UNLESS NOTED OTHERWISE ON PLANS.
- RIGHT OF WAY SHOWN IS APPROXIMATE BASED ON MONUMENTATION FOUND IN FIELD, NO ACTUAL BOUNDARY SURVEY WAS PERFORMED.
- SEE STRIPING & SIGNING SHEETS 15-17 FOR STRIPE LOCATIONS AND TYPES.
- SEE SHEET 6, DETAIL A FOR PAVEMENT SECTION.
- PROVIDE 2" THICK COLD MILL & OVERLAY ON EXISTING PAVEMENT FROM STA 27+52.06 TO STA 38+19.50 ALONG SAGE, AS INDICATED ON TYPICAL SECTIONS. MILLING & OVERLAY SHALL INCLUDE THE INTERSECTION OF SAGE & UNSER.

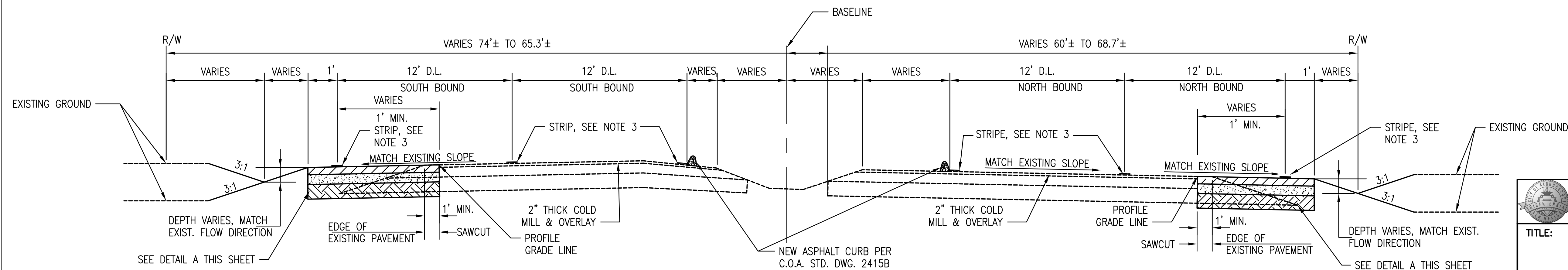
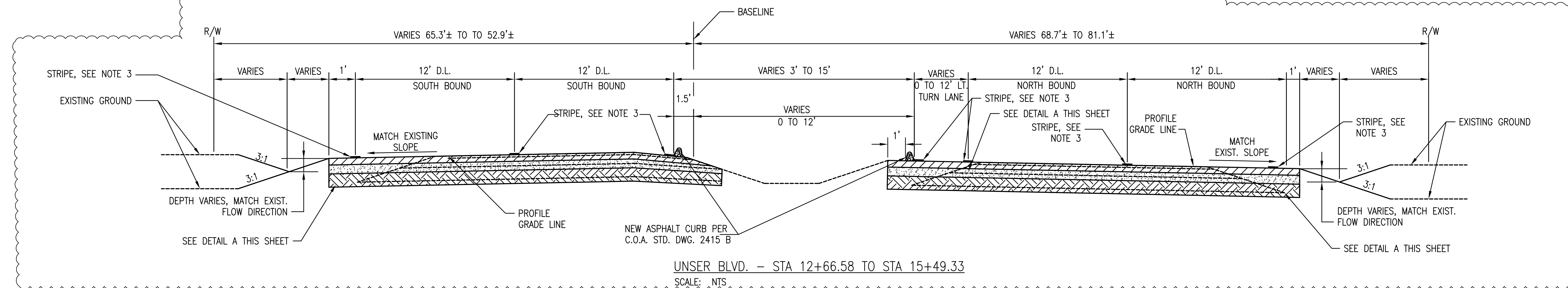
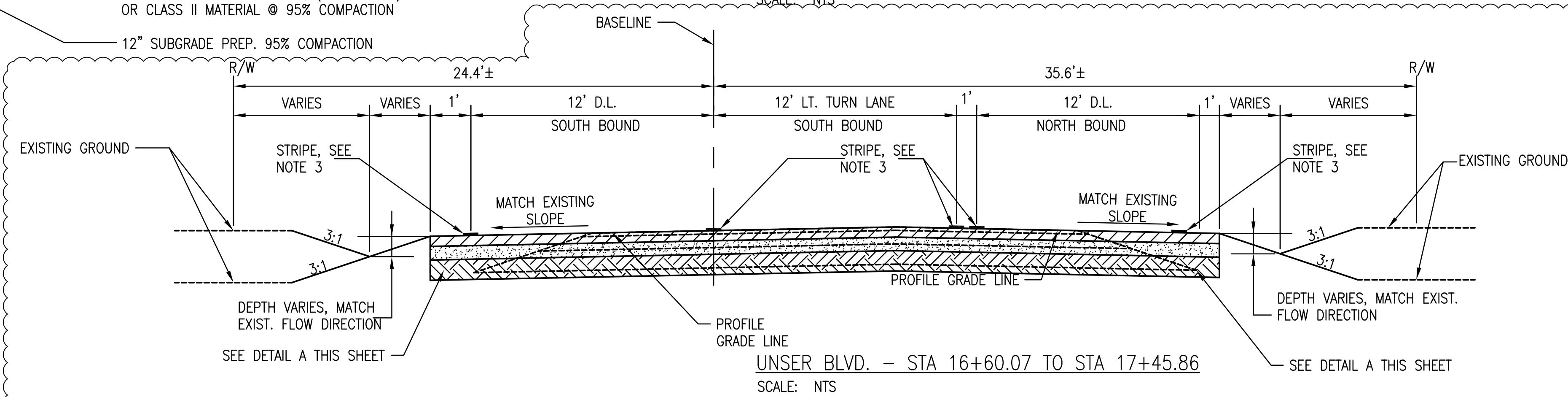


		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DEVELOPMENT DIVISION	
TITLE: CITY OF ALBUQUERQUE UNSER/SAGE INTERIM IMPROVEMENTS ROADWAY TYPICAL SECTION DETAILS			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
Last Design Update		No.	
City Project No.		Zone Map No.	
7627.91		L-10,M-9&10	
Sheet		Of	
5		22	

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	AMOUR PAVEMENT	DATE	BY	NO.	DATE	NO.	DATE
1-M10, STANDARD C.O.A. BRASS CAP SET IN CONCRETE 2'							
ABOVE GROUND AND STAMED "1-M10" LOCATED FROM THE							
INTERSECTION OF SO. COORS RD., ROSENDO GARCIA RD., AND							
SAGE RD., TRAVEL WEST ON SAGE RD. APPROXIMATELY 1.1 MI. TO							
UNSER BLVD. STATION IS LOCATED 64' EAST FROM CENTERLINE							
OF UNSER AND 66' SOUTH FROM CENTERLINE OF SAGE, NAVD88							
ELEV. 5082.76.							



DETAIL A (SURFACE SECTION)
SCALE: NTS



RECORD DRAWING
Date: 06/2010
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UNSER BLVD. STA 10+70 TO STA 12+66.58
SCALE: NTS

NOTES:

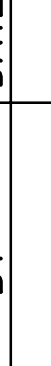
1. GRADE AREA BETWEEN EDGE OF PAVEMENT AND RIGHT OF WAY TO DRAIN ALONG EXISTING DRAINAGE PATH, TYPICAL ON BOTH SIDES OF UNSER BLVD. AND SAGE ROAD, UNLESS NOTED OTHERWISE ON PLANS.
2. RIGHT OF WAY SHOWN IS APPROXIMATE BASED ON MONUMENTATION FOUND IN FIELD, NO ACTUAL BOUNDARY SURVEY WAS PERFORMED.
3. SEE STRIPING & SIGNING SHEETS 15-17 STRIPE LOCATIONS AND TYPES.
4. PROVIDE 2" THICK COLD MILL & OVERLAY ON EXISTING PAVEMENT FROM STA 10+70 TO STA 21+50 ALONG UNSER BLVD. AS INDICATED ON TYPICAL SECTIONS. MILLING & OVERLAY SHALL INCLUDE THE INTERSECTION OF SAGE & UNSER.

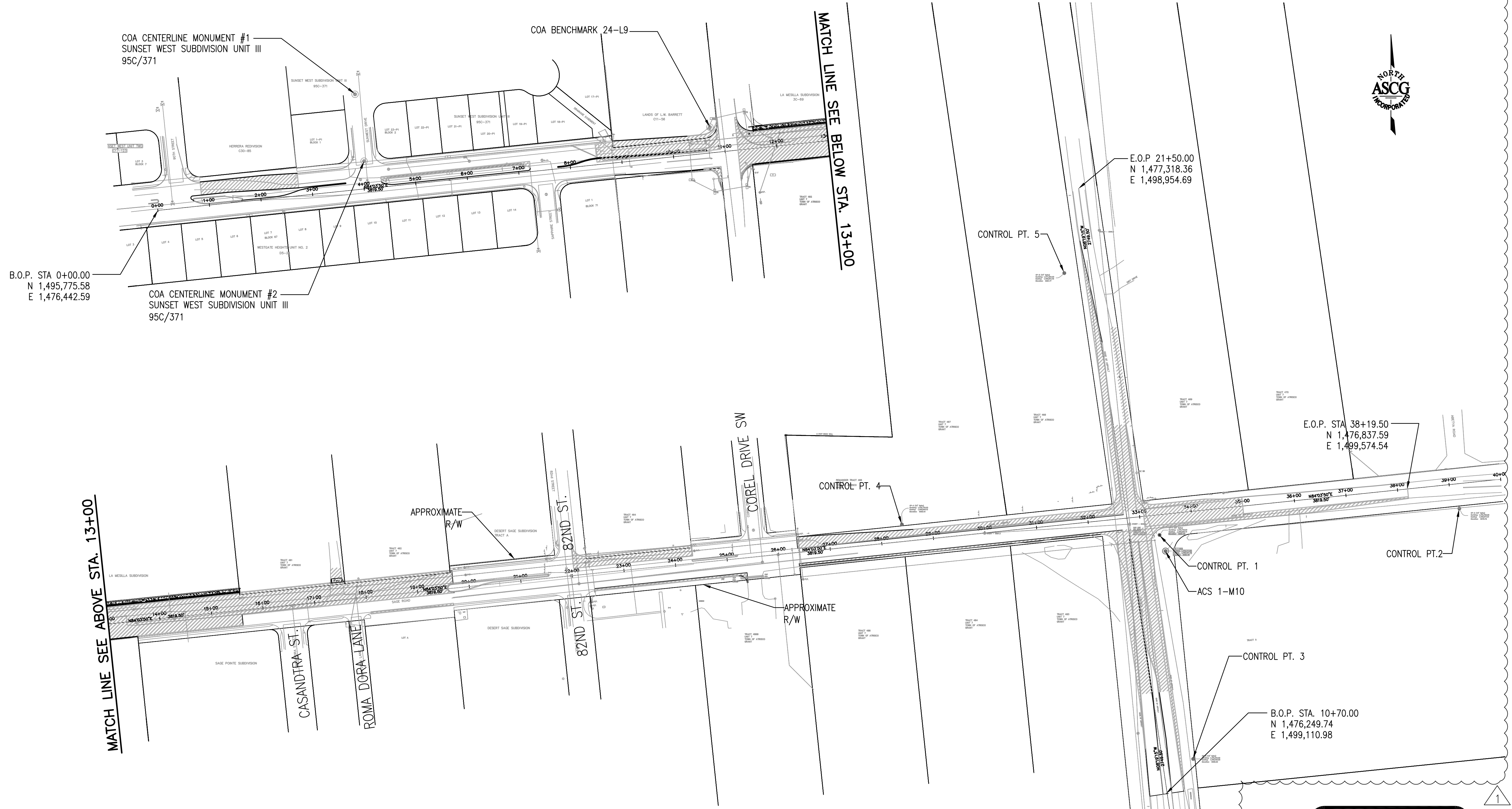
THIS SHEET HAS BEEN REDRAWN.
SEE ORIGINAL DRAWING FOR
SIGNATURES AND ENGINEER'S SEAL

ISSUED FOR CONSTRUCTION



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DEVELOPMENT DIVISION	
TITLE: UNSER/SAGE INTERIM IMPROVEMENTS ROADWAY TYPICAL SECTION DETAILS	
Design Review Committee	City Engineer Approval
Last Design Update	
City Project No. 7627.91	
Zone Map No. L-10,M-9&10	
Sheet 6 Of 22	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
<div></div>		FIELD NOTES		1-M10, STANDARD C.O.A. BRASS CAP SET IN CONCRETE 2' ABOVE GROUND AND STAMED "1-M10", LOCATED FROM THE INTERSECTION OF SO. COORS RD., ROSENDO GARCIA RD., AND SAGE RD., TRAVEL WEST ON SAGE RD. APPROXIMATELY 1.1 MI. TO UNSER BLVD. STATION IS LOCATED 64' EAST FROM CENTERLINE OF UNSER AND 66' SOUTH FROM CENTERLINE OF SAGE, NAVD88 ELEV. 5082.76.		CONTRACTOR	
		NO.				ARMOUR PAVEMENT	
		BY				WORK ORDER NO.	
		DATE				PRECISION SURVEY DATE	
						DATE	
AS-BUILT MODIFICATIONS		REVISIONS		MICRO-FILM INFORMATION		NO.	
5/10	AEJ						
9-06	LSJ						
NO. DATE	BY						
ASCG INCORPORATED		DESIGNED BY		LSJ		DATE 11/05	
		DRAWN BY		GGG		DATE 11/05	
		CHECKED BY		TDS		DATE 11/05	

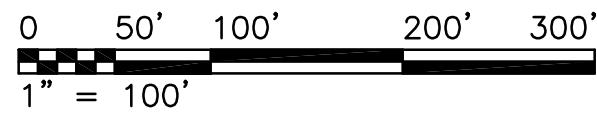


CONTROL POINT DATA				
C.P. NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1,476,748.80	1,499,096.16	5082.44	12" SPIKE
2	1,476,799.88	1,499,674.51	5078.78	12" SPIKE
3	1,476,316.82	1,499,160.96	5082.20	12" SPIKE
4	1,476,770.03	1,498,600.12	5083.20	12" SPIKE
5	1,477,254.03	1,498,912.48	5081.77	12" SPIKE
ACS 1-M10	1,476,717.80	1,499,107.79	5082.76	BRASS CAP
COA #1	1,476,666.95	1,496,159.86		BRASS CAP
COA #2	1,476,537.60	1,496,173.32		BRASS CAP
24-L9	1,476,603.22	1,496,840.33	5096.49	BRASS CAP

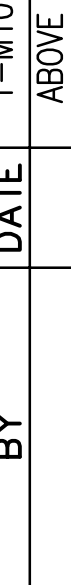
- NOTES:
- POINTS SCALED FROM STATE PLANE GRID TO GROUND USING SCALE FACTOR OF 1.00032023252.
 - BASIS OF COORDINATES AND ELEVATIONS IS "ACS 1-M10"
 - ALL DISTANCES ARE GROUND.
 - ROW AS SHOWN IS BEST FIT WITH FOUND MONUMENTATION AND EXISTING IMPROVEMENTS.

RECORD DRAWING
Date 06/2010
These drawings have been revised based on the construction records of the owner. While the information submitted by the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

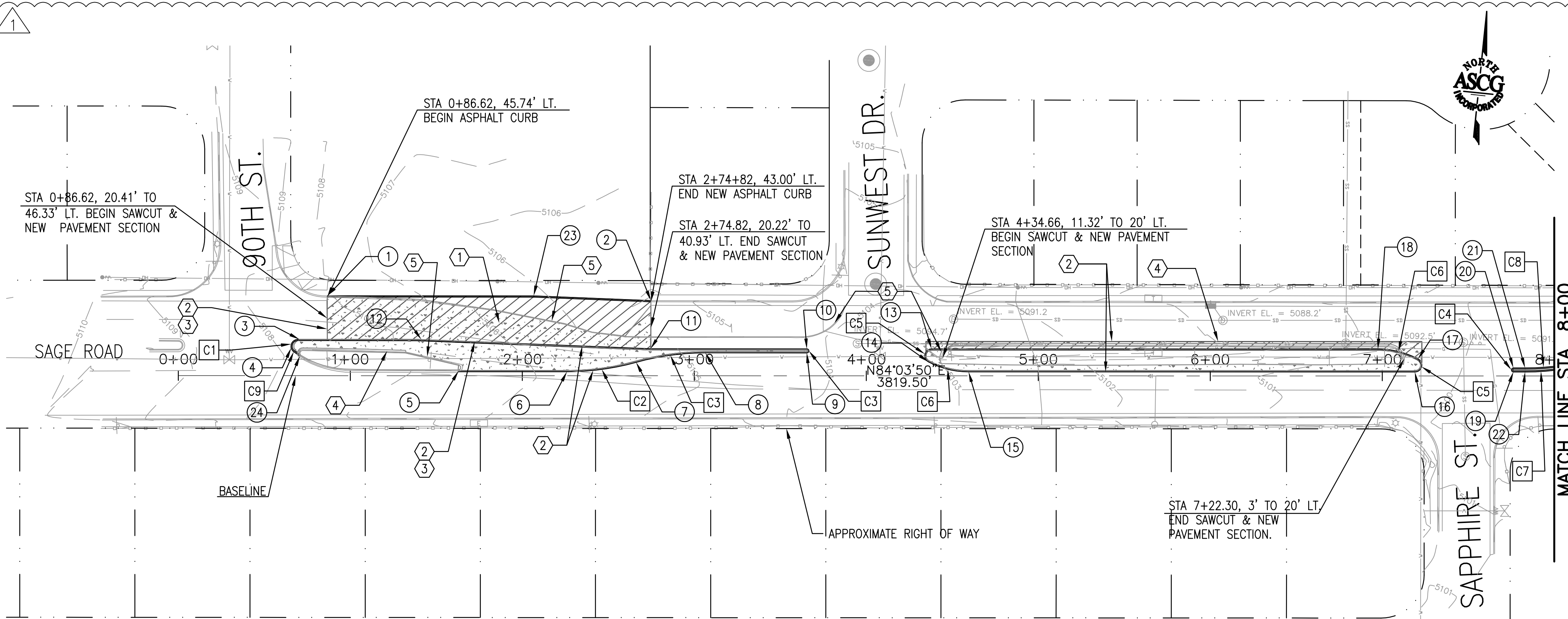
THIS SHEET HAS BEEN REDRAWN.
SEE ORIGINAL DRAWING FOR
SIGNATURES AND ENGINEER'S SEAL



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DEVELOPMENT DIVISION	
TITLE: CITY OF ALBUQUERQUE UNSER/SAGE INTERIM IMPROVEMENTS ROADWAY SURVEY MONUMENTATION	
Design Review Committee	City Engineer Approval
Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 7627.91	Zone Map No. L-10,M-9&10
Sheet 7	Of 22

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
	<div>DESIGNED BY LSJ</div> <div>DRAWN BY GGG</div> <div>CHECKED BY TDS</div>	<div>9-06</div> <div>NO. DATE</div>	<div>CHANGE ORDER 1</div> <div>REMARKS</div> <div>REVISIONS</div> <div>ASCG INCORPORATED</div>	FIELD NOTES		CONTRACTOR ARMOUR PAVEMENT	
				NO.	BY	DATE	WORK STARTED BY PRECISION SURVEY DATE 8/06
				1-M10, STANDARD C.O.A. BRASS CAP SET IN CONCRETE 2' ABOVE GROUND AND STAKED "1-M10", LOCATED FROM THE INTERSECTION OF SO. COORS RD., ROSENDO GARCIA RD., AND SAGE RD., TRAVEL WEST ON SAGE RD. APPROXIMATELY 1.1 MI. TO UNSER BLVD. STATION IS LOCATED 64' EAST FROM CENTERLINE OF UNSER AND 66' SOUTH FROM CENTERLINE OF SAGE, NAVD88 ELEV. 5082.76.			INSPECTOR'S ACCEPTANCE BY COA DATE 8/06
							FIELD LOCATION BY COA DATE 8/06
							DRAWINGS CORRECTED BY WHPACIFIC DATE 4/10
							MICRO-FILM INFORMATION
							RECORDED BY DATE
			NO.				

ISSUED FOR CONSTRUCTION



CURVE DATA			
C#	DELTA	RADIUS	TANGENT
C1	143°18'17"	4.00'	12.06'
C2	4°33'45"	55.00'	2.19'
C3	15°33'49"	150.00'	20.50'
C4	180°00'00"	1.17'	-
C5	152°08'09"	4.00'	16.13'
C6	27°51'51"	50.00'	12.40'
C7	13°57'11"	150.00'	18.36'
C8	13°57'11"	147.67'	18.07'
C9	04°30'05"	55.00'	2.16'

STATION / OFFSET TABLE			
PT#	STATION	OFFSET	FL ELEV.
1	0+86.62	45.66' LT.	07.00
2	2+74.82	43.00' LT.	05.30
3	0+69.51	21.07' LT.	07.82
4	0+67.12	13.87' LT.	07.80
5	1+62.68	2.33' LT.	06.64
6	2+25.94	2.33' LT.	05.75
7	2+66.19	7.83' LT.	05.27
8	3+06.44	13.00' LT.	05.00
9	3+65.44	13.33' LT.	04.09
10	3+65.44	15.67' LT.	04.10
11	2+74.64	15.67' LT.	05.15
12	1+39.39	21.07' LT.	06.77
13	4+37.98	15.67' LT.	03.60
14	4+36.11	8.13' LT.	03.40
15	4+59.47	2.33' LT.	03.00
16	7+18.97	2.33' LT.	00.71
17	7+20.84	9.87' LT.	00.72
18	6+97.47	15.67' LT.	01.00
19	7+76.25	2.33' LT.	99.70
20	7+76.25	4.67' LT.	99.70
21	7+83.03	4.67' LT.	99.60
22	7+83.03	2.33' LT.	99.60
23	2+06.60	45.74' LT.	05.92
24	0+70.07	10.84' LT.	07.82

THIS SHEET HAS BEEN REDRAWN.
SEE ORIGINAL DRAWING FOR
SIGNATURES AND ENGINEER'S SEAL

RECORD DRAWING
Date 06/2010
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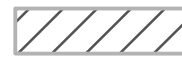
SAGE ROAD

SCALE:
HORIZ: 1" = 40'
VERT: 1" = 5'

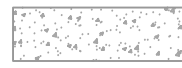
KEYED NOTES

- EXISTING AC PAVEMENT TO BE REMOVED.
- PROVIDE NEAT SAWCUT-MATCH EXIST. PAVMENT.
- EDGE OF NEW PAVEMENT.
- REMOVE EXISTING CONCRETE CURB.
- REMOVE EXISTING ASPHALT CURB.
- ADJUST EXISTING WATER VALVE BOX TO NEW GRADE.
- ADJUST EXISTING MANHOLE FRAME AND COVER TO NEW GRADE.

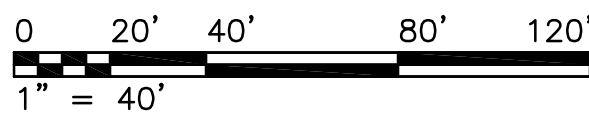
LEGEND



NEW ASPHALT PAVEMENT



EXISTING ASPHALT PAVEMENT TO BE REMOVED.

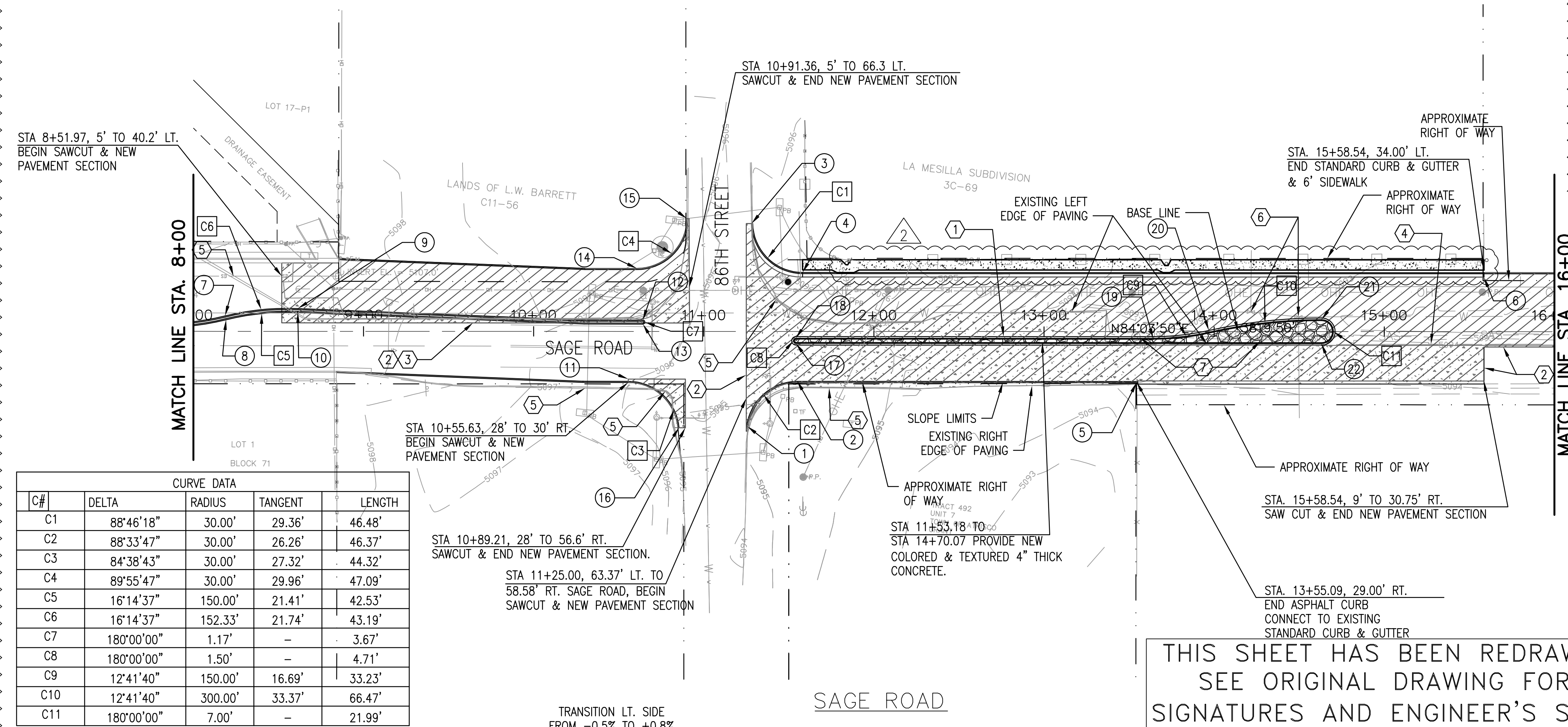


CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: UNSER/SAGE RD. INTERIM IMPROVEMENTS PLAN & PROFILE SAGE STA. 0+00 TO STA. 8+00	
Design Review Committee	City Engineer Approval
Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 7627.91	Zone Map No. L-10,M-9&10
Sheet 8	Of 22

ISSUED FOR CONSTRUCTION

1



CURVE DATA				
C#	DELTA	RADIUS	TANGENT	LENGTH
C1	88°46'18"	30.00'	29.36'	46.48'
C2	88°33'47"	30.00'	26.26'	46.37'
C3	84°38'43"	30.00'	27.32'	44.32'
C4	89°55'47"	30.00'	29.96'	47.09'
C5	16°14'37"	150.00'	21.41'	42.53'
C6	16°14'37"	152.33'	21.74'	43.19'
C7	180°00'00"	1.17'	-	3.67'
C8	180°00'00"	1.50'	-	4.71'
C9	12°41'40"	150.00'	16.69'	33.23'
C10	12°41'40"	300.00'	33.37'	66.47'
C11	180°00'00"	7.00'	-	21.99'

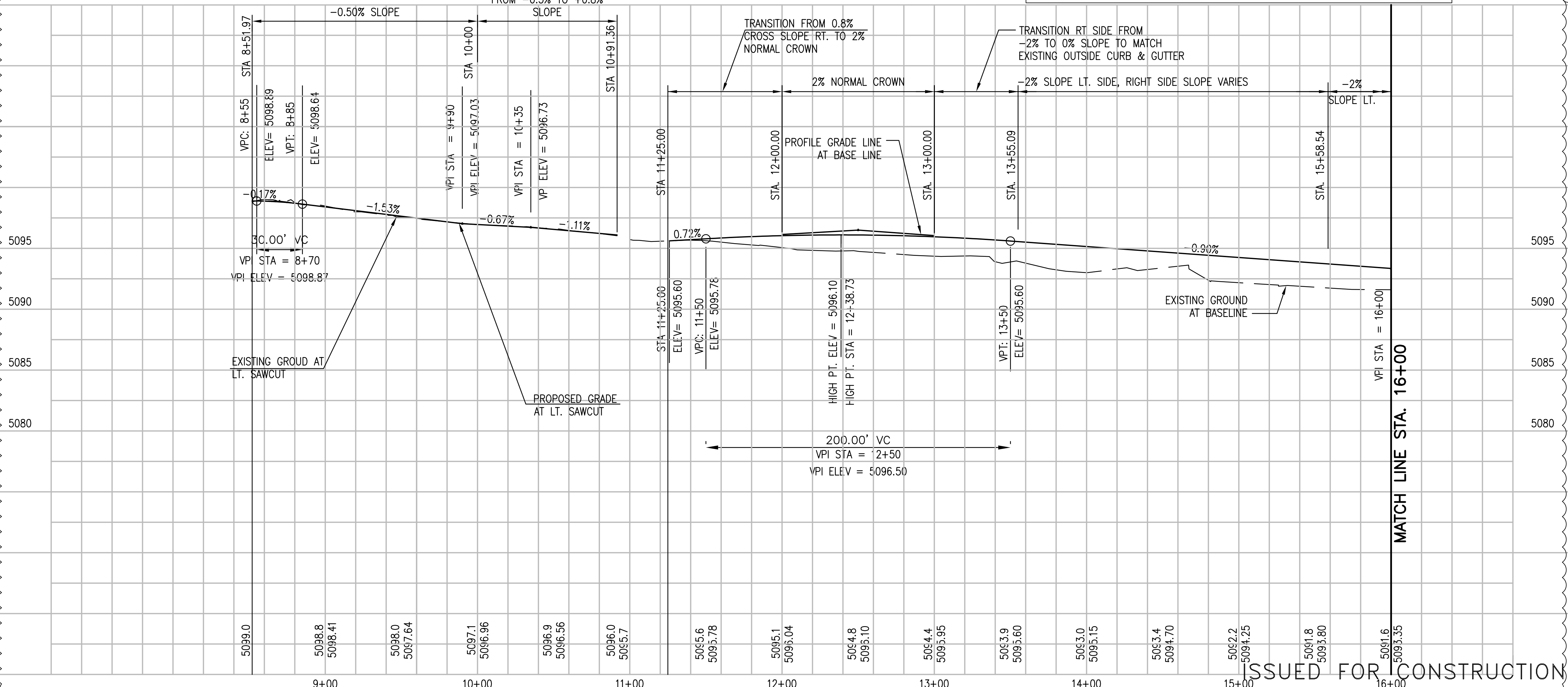
KEYED NOTES

- EXISTING AC PAVEMENT TO BE REMOVED.
- PROVIDE NEAT SAWCUT-MATCH EXIST. PAVEMENT.
- EDGE OF NEW PAVEMENT.
- REMOVE EXISTING CONCRETE CURB.
- REMOVE EXISTING ASPHALT CURB.
- ADJUST EXISTING WATER VALVE BOX TO NEW GRADE.
- ADJUST EXISTING MANHOLE FRAME AND COVER TO NEW GRADE.

STATION/OFFSET TABLE				
PT#	STATION	OFFSET	FL. ELEV.	DESCRIPTION
1	11+25.00	55.74' RT.	94.60	PC BEGIN ASPHALT CURB
2	11+54.82	29.00' RT.	95.51	PT END ASPHALT CURB
3	11+28.09	63.36' LT.	95.50	PC BEGIN ASPHALT CURB
4	11+58.09	34.00' LT.	95.84	PRC @ ASPHALT CURB
5	13+55.09	29.00' RT.	94.85	PT @ ASPHALT CURB
6	15+58.54	34.00' LT.	93.04	PC @ ASPHALT CURB
7	8+18.64	9.02' LT.	99.27	PRC @ ASPHALT CURB
8	8+19.20	6.76' LT.	99.25	PRC @ ASPHALT CURB
9	8+61.46	13.40' LT.	98.85	PT ASPHALT CURB
10	8+61.37	11.07' LT.	98.86	PT ASPHALT CURB
11	10+55.63	29.33' RT.	96.05	PC ASPHALT CURB
12	10+64.23	6.67' LT.	96.43	PC ASPHALT CURB
13	10+64.23	4.33' LT.	96.42	PT ASPHALT CURB
14	10+60.72	36.33' LT.	96.55	END ASPHALT CURB
15	10+90.72	66.30' LT.	96.60	PT ASPHALT CURB
16	10+85.50	56.53' RT.	94.80	PT ASPHALT CURB
17	11+54.18	7.00' RT.	95.72	PC MEDIAN C&G
18	11+54.18	4.00' RT.	95.76	PT MEDIAN C&G
19	13+64.18	4.00' RT.	95.39	PC MEDIAN C&G
20	13+97.14	0.33' RT.	95.18	PRC @ MEDIAN C&G
21	14+63.07	7.00' LT.	94.44	PC MEDIAN C&G
22	14+63.07	7.00' RT.	94.55	PT MEDIAN C&G

SCALE:
HORIZ: 1" = 40'
VERT: 1" = 5'

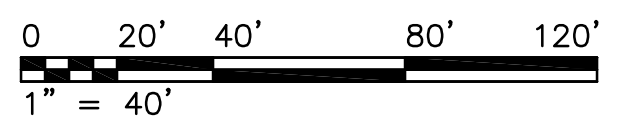
THIS SHEET HAS BEEN REDRAWN.
SEE ORIGINAL DRAWING FOR
SIGNATURES AND ENGINEER'S SEAL



LEGEND

- NEW ASPHALT PAVEMENT
- EXISTING ASPHALT PAVEMENT TO BE REMOVED.

RECORD DRAWING
Date 06/2010
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: UNSER/SAGE RD. INTERIM IMPROVEMENTS PLAN & PROFILE SAGE STA. 11+26.00 TO STA. 16+00	
Design Review Committee	City Engineer Approval
City Project No. 7627.91	Zone Map No. L-10,M-9&10
Sheet 9	Of 22

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	AMOUR PAVEMENT	NO.	DATE	FIELD NOTES	DATE	NO.	DATE
WORKED BY	PRECISION SURVEY	DATE	8/06	BY			
INSPECTOR'S	ACCEPTANCE	DATE	8/06	DATE			
VERIFICATION	BY COA	DATE	8/06	DATE			
VERIFICATION	BY WHAPACIFIC	DATE	4/10	DATE			
MICRO-FILM INFORMATION		RECORDED BY		NO.		DATE	



AS-BUILT MODIFICATIONS		REVISIONS	
AEJ	LSJ	BY	DATE
5/10	9-06	DATE	DATE
ASCG INCORPORATED		DESIGNED BY	DATE
		DRAWN BY	DATE
		CHECKED BY	DATE

THIS SHEET HAS BEEN REDRAWN.
SEE ORIGINAL DRAWING FOR
SIGNATURES AND ENGINEER'S SEAL

STATION / OFFSET TABLE				
PT#	STATION	OFFSET	FL. ELEV.	DESCRIPTION
1	24+34.66	34.00' LT.	86.80	END ASPHALT CURB
2	25+19.60	33.00' RT.	85.60	PC ASPHALT CURB
3	25+34.59	48.24' RT.	85.90	PT END ASPHALT CURB
4	27+37.52	26.00' RT.	85.60	EDGE OF NEW PAVEMENT
5	26+37.60	30.00' LT.	85.70	EDGE OF NEW PAVEMENT
6	28+62.54	21.00' LT.	83.50	ANGLE PT @ EDGE OF PAVEMENT

CURVE DATA				
C#	DELTA	RADIUS	TANGENT	LENGTH
C1	90°54'12	15.00'	15.24'	23.80'

KEYED NOTES

- EXISTING AC PAVEMENT TO BE REMOVED.
- PROVIDE NEAT SAWCUT - MATCH EXIST. PAVEMENT.
- EDGE OF NEW PAVEMENT.
- REMOVE EXISTING CONCRETE CURB.
- REMOVE EXISTING ASPHALT CURB.
- ADJUST EXISTING WATER VALVE BOX TO NEW GRADE.
- ADJUST EXISTING MANHOLE FRAME AND COVER TO NEW GRADE.

SCALE:
HORIZ: 1" = 40'
VERT: 1" = 5'

LEGEND

- NEW ASPHALT PAVEMENT
- EXISTING ASPHALT PAVEMENT TO BE REMOVED.

RECORD DRAWING

Date: 06/2010
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0 20' 40' 80' 120'
1" = 40'



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: CITY OF ALBUQUERQUE
UNSER/SAGE INTERIM IMPROVEMENTS
PLAN & PROFILE SAGE RD. STA. 24+00 TO STA. 32+00

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. 7627.91 Zone Map No. L-10,M-9410 Sheet 11 of 22

MATCH LINE STA. 24+00

MATCH LINE STA. 32+00

SAGE ROAD



LT. PROFILE

RT. PROFILE

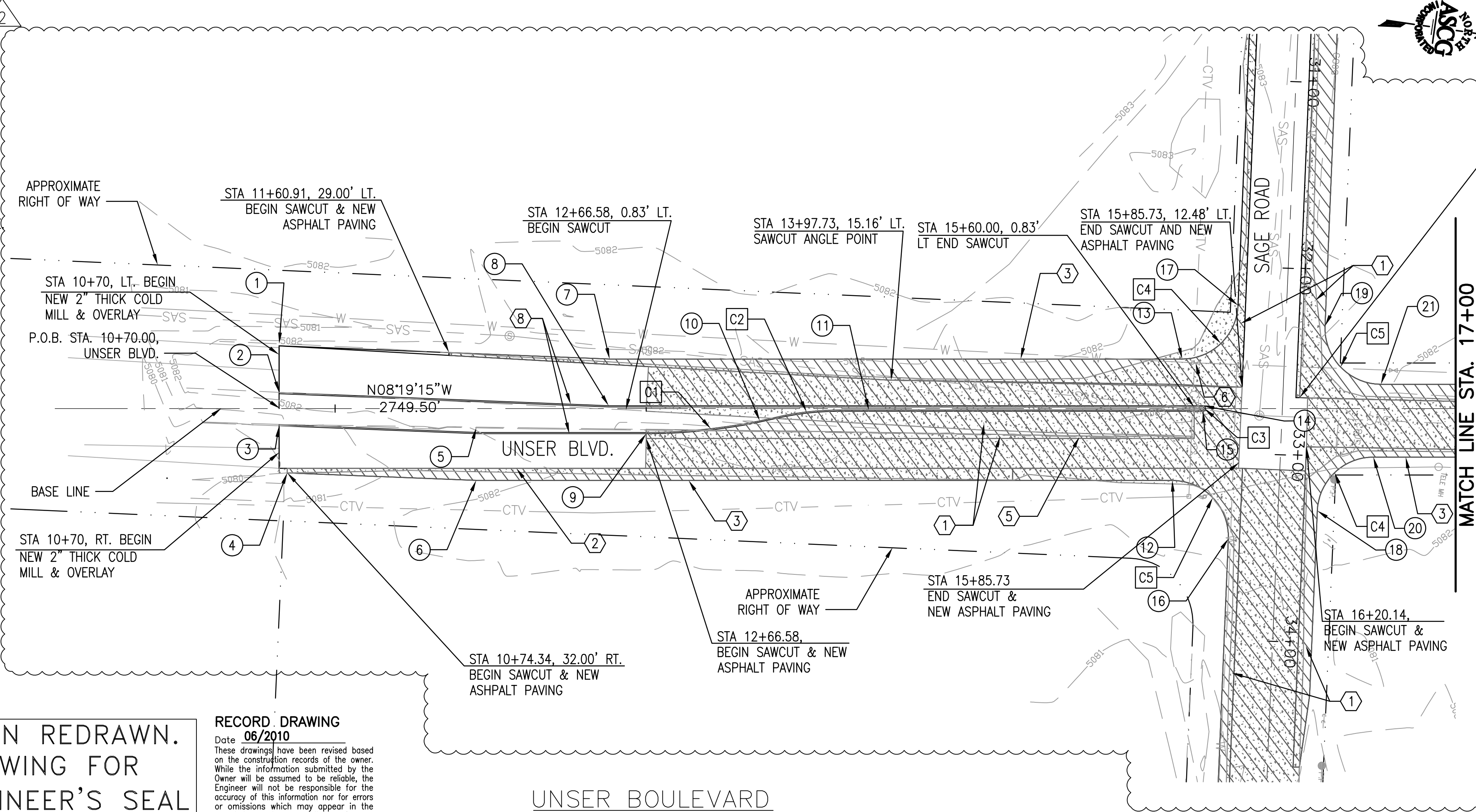
MATCH LINE STA. 24+00

MATCH LINE STA. 32+00

ISSUED FOR CONSTRUCTION

KEYED NOTES

1. EXISTING AC PAVEMENT TO BE REMOVED.
2. PROVIDE NEAT SAWCUT.
3. EDGE OF NEW PAVEMENT.
4. REMOVE EXISTING CONCRETE CURB.
5. STA 10+70 TO STA 15+59.30 REMOVE EXISTING ASPHALT CURB.
6. ADJUST EXISTING WATER VALVE BOX TO NEW GRADE.
7. ADJUST EXISTING MANHOLE FRAME & COVER TO NEW GRADE.
8. STA 10+70 TO STA 15+66.20 CONSTRUCT NEW ASPHALT CURB PER C.O.A. STD. DWG. 2415 B.



THIS SHEET HAS BEEN REDRAWN.
SEE ORIGINAL DRAWING FOR
SIGNATURES AND ENGINEER'S SEAL

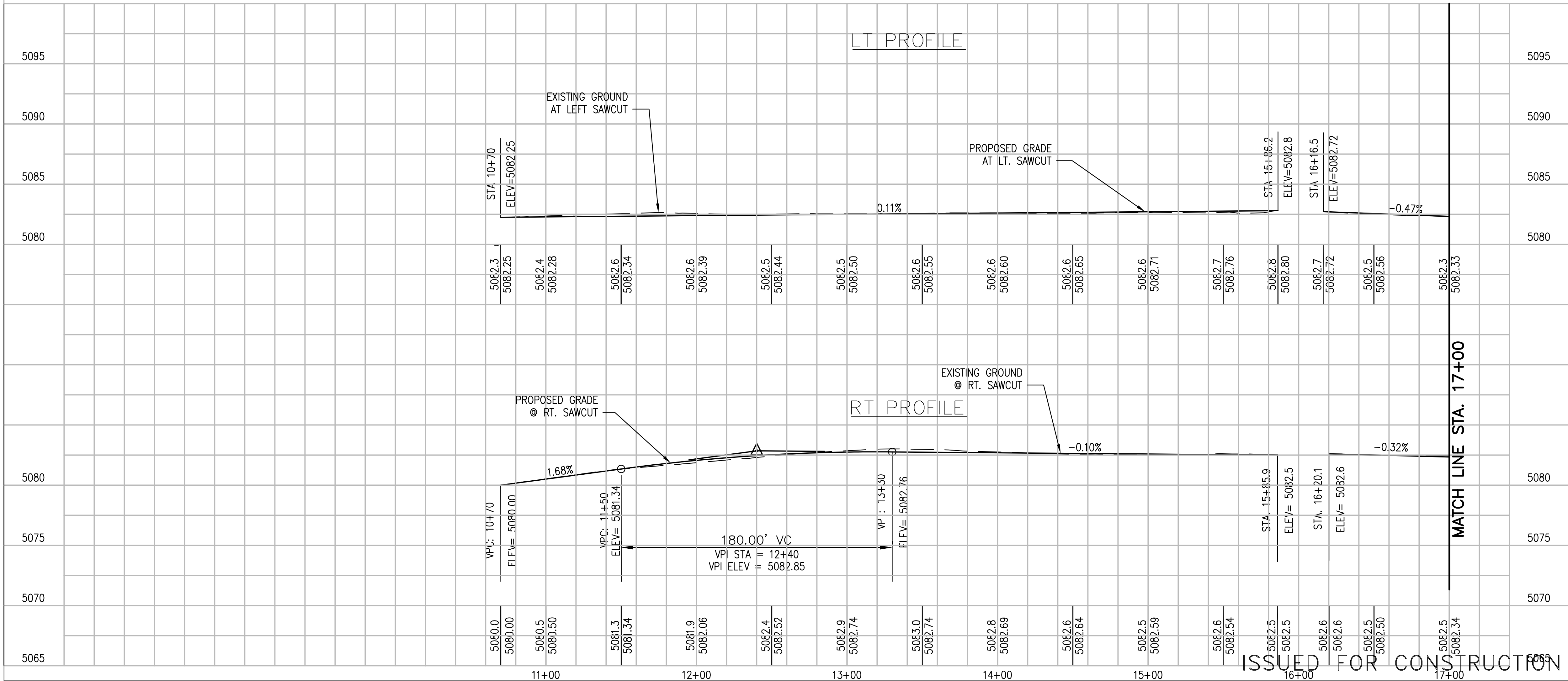
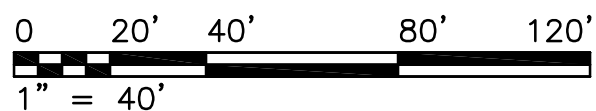
RECORD DRAWING
Date: 06/2010
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UNSER BOULEVARD

SCALE:
HORIZ: 1" = 40'
VERT: 1" = 5'

LEGEND

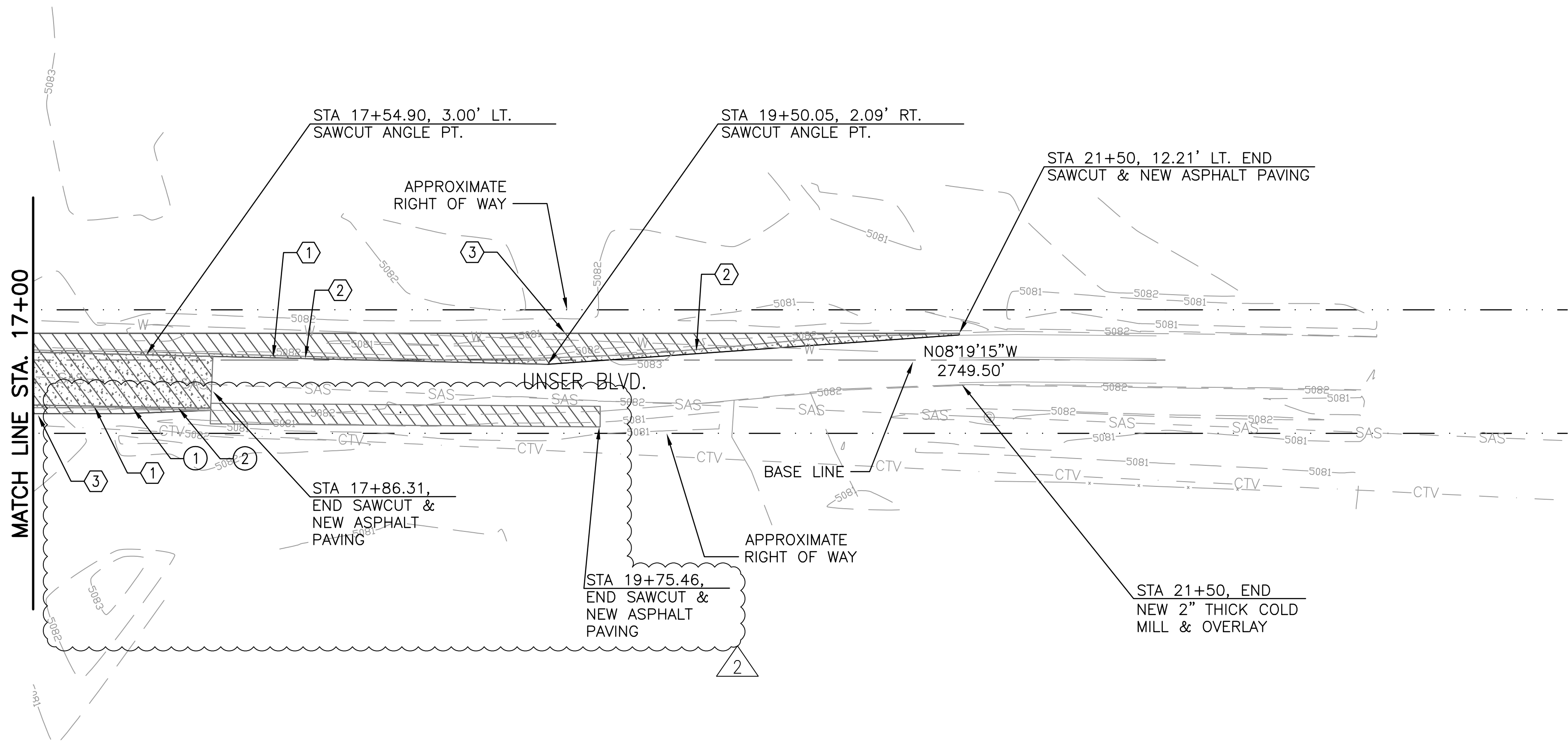
- NEW ASPHALT PAVEMENT
- EXISTING ASPHALT PAVEMENT TO BE REMOVED.



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DEVELOPMENT DIVISION			
TITLE: CITY OF ALBUQUERQUE			
UNSER/SAGE INTERIM IMPROVEMENTS PLAN & PROFILE UNSER BLVD. STA. 10+70 TO STA 17+00			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	
Last Design Update		Mo./Day/Yr.	
City Project No.		Zone Map No.	
7627.91		L-10-M-9410	
Sheet 13		Of 22	

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	ARMOUR PAVEMENT	1-M10, STANDARD C.O.A. BRASS CAP SET IN CONCRETE 2'	DATE	FIELD NOTES	NO.	NO.	NO.
INSPECTOR'S	PRECISION SURVEY DATE 8/06	ABOVE GROUND AND STAMED "1-M10" LOCATED FROM THE	BY				
ACCEPTANCE BY	COA DATE 8/06	INTERSECTION OF SO. COORS RD., ROSENDO GARCIA RD., AND					
VERIFICATION BY	COA DATE 8/06	SAGE RD., TRAVEL WEST ON SAGE RD. APPROXIMATELY 1.1 MI. TO					
CRACKED BY	WHAPACIFIC DATE 4/10	UNSER BLVD. STATION IS LOCATED 64' EAST FROM CENTERLINE					
MICRO-FILM INFORMATION		OF UNSER AND 66' SOUTH FROM CENTERLINE OF SAGE, NAD88					
RECORDED BY		ELEV. 5082.76.					
NO.							





KEYED NOTES

- EXISTING AC PAVEMENT TO BE REMOVED.
- PROVIDE NEAT SAWCUT.
- EDGE OF NEW PAVEMENT.
- REMOVE EXISTING CONCRETE CURB.
- REMOVE EXISTING ASPHALT CURB.
- ADJUST EXISTING WATER VALVE BOX TO NEW GRADE.
- ADJUST EXISTING MANHOLE FRAME AND COVER TO NEW GRADE.

PT#	STATION	OFFSET	FL. ELEV.	DESCRIPTION
1	17+46.12	26.00'		ANGLE PT
2	17+86.35	24.39'		ANGLE PT

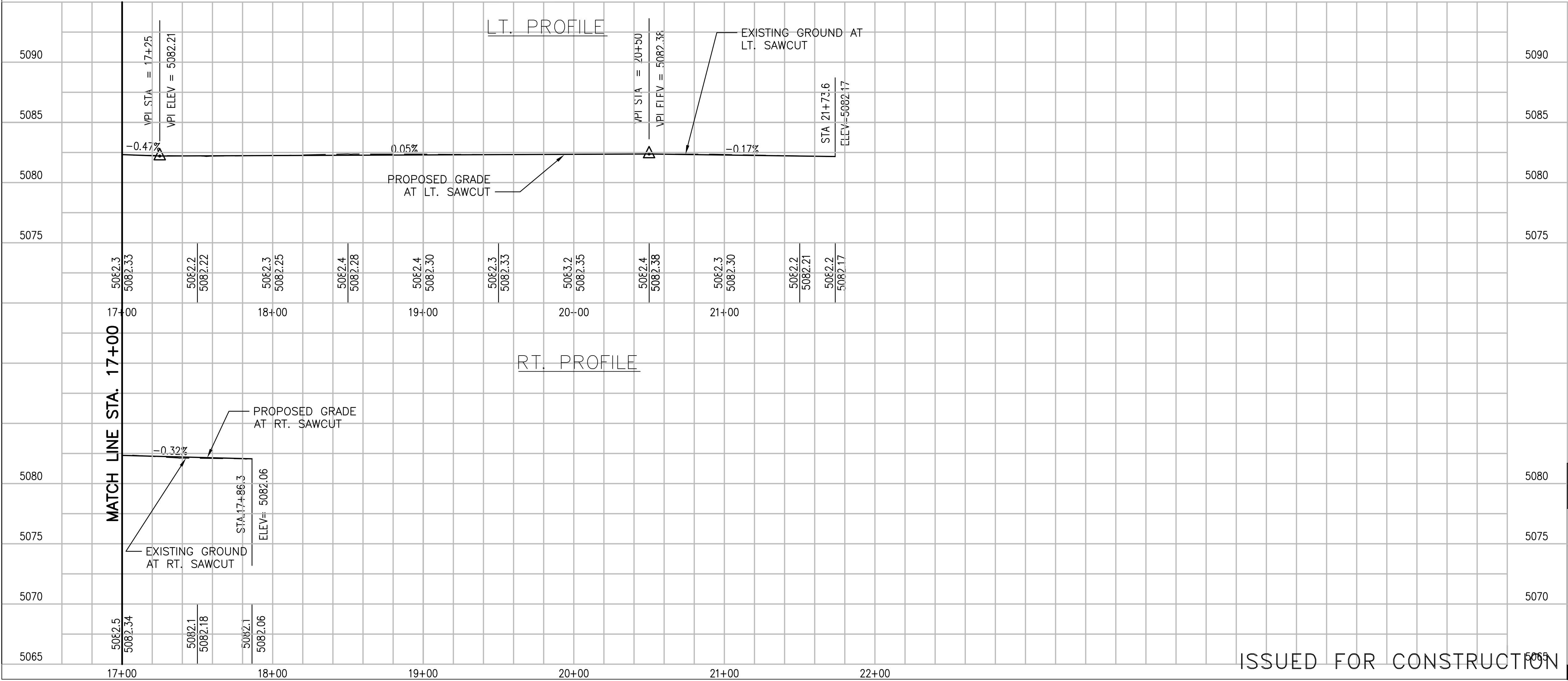
LEGEND

-
- NEW ASPHALT PAVEMENT

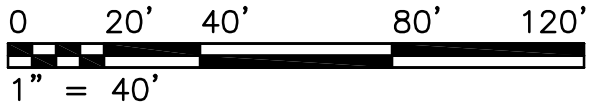
THIS SHEET HAS BEEN REDRAWN.
SEE ORIGINAL DRAWING FOR
SIGNATURES AND ENGINEER'S SEAL

RECORD DRAWING
06/2010
Date
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SCALE:
HORIZ: 1" = 40'
VERT: 1" = 5'



BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		AS BUILT INFORMATION	
NO.	DATE	BY	NO.	DATE	BY	CONTRACTOR	INSPECTOR
						1-M10, STANDARD C.O.A. BRASS CAP SET IN CONCRETE 2' ABOVE GROUND AND STAMED "1-M10"	WORKED BY PRECISION SURVEY DATE 8/06
						INTERSECTION OF SO. COORS RD., ROSENDO GARCIA RD., AND SAGE RD., TRAVEL WEST ON SAGE RD. APPROXIMATELY 1.1 MI. TO UNSER BLVD. STATION IS LOCATED 64' EAST FROM CENTERLINE OF UNSER AND 66' SOUTH FROM CENTERLINE OF SAGE, NAVD88 ELEV. 5082.76.	INSPECTOR'S ACCEPTANCE BY COA DATE 8/06
							VERIFIED BY WHAPACIFIC DATE 4/10
							MICRO-FILM INFORMATION
							RECORDED BY DATE
							NO.

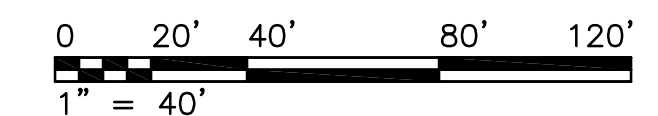


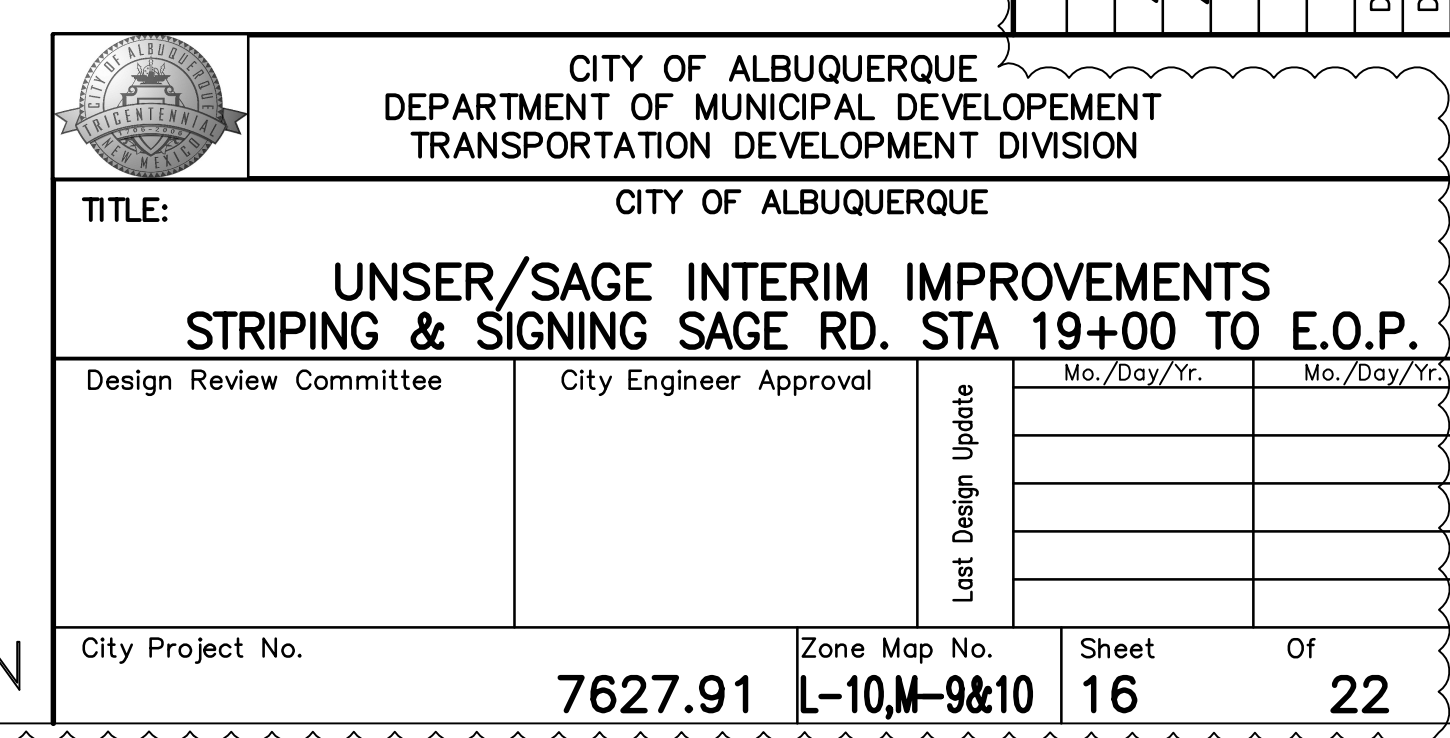
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE:
UNSER/SAGE INTERIM IMPROVEMENTS
PLAN & PROFILE UNSER BLVD. STA. 17+00 TO STA. 22+00

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

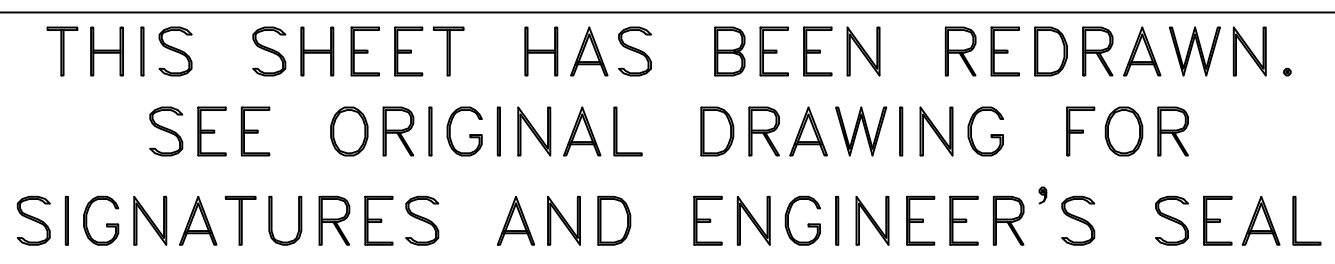
City Project No. 7627.91 Zone Map No. L-10,M-9&10 Sheet 14 Of 22





RECORD DRAWING
Date 06/2010
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ISSUED FOR CONSTRUCTION



ASCG
INCORPORATED
ENGINEERS • ARCHITECTS • SURVEYORS • PLANNERS

6501 AMERICAS PARKWAY NE, SUITE 400
ALBUQUERQUE, NEW MEXICO 87110-5372
PHONE 505.247.0294 • FAX 505.242.4845

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPEMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: CITY OF ALBUQUERQUE

UNSER/SAGE INTERIM IMPROVEMENTS
STRIPING & SIGNING UNSER BLVD.

Design Review Committee

City Engineer Approval

Last Design Update

City Project No.

Zone Map No

No

She

Of

7627.91

L-10.M-9&10

17

NOTE: ALL MARKINGS TO BE WHITE

ISSUED FOR CONSTRUCTION

SIGNAL NOTES

1.

ALL WORK ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL CONFORM TO THE CURRENT NATIONAL ELECTRIC CODE, THE STANDARDS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS FOR ELECTRICAL WIRING AND APPARATUS, AND THE CITY'S TRAFFIC ENGINEERING OPERATIONS THIRD DRAFT SPECIFICATIONS (JUNE 1994).
2.

LOCATIONS OF CONDUITS, FOUNDATIONS, CONTROL CABINETS, POLES, PULL BOXES, MANHOLES, AND SPLICE CABINETS SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD TO MAXIMIZE CLEAR SPACE AVAILABLE FOR PEDESTRIANS AND WHEELCHAIRS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL MEET WITH THE CITY'S TRAFFIC ENGINEERING OPERATIONS PERSONNEL IN THE FIELD AT ALL LOCATIONS TO SPOT EQUIPMENT BEFORE BEGINNING THE WORK. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY.
3.

THE CONTRACTOR IS WARNED THAT EXISTING CONDUITS MAY CONTAIN AC POWER AND CAUTION SHALL BE EXERCISED IN INTERCEPTING OR INSTALLING CABLE IN EXISTING CONDUIT.
4.

THE CONTRACTOR SHALL BORE, DRILL, OR PUSH WHEN CROSSING EXISTING PAVEMENTS AND ANY DRIVEWAYS FOR SIDE STREET CROSSINGS. BEFORE CONDUIT CAN BE BORED, DRILLED, OR PUSHED THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES. THE CONTRACTOR SHALL LOCATE AND EXPOSE GAS LINES WHICH CROSS ANY PROPOSED BORES. THESE EXCAVATIONS SHALL REMAIN OPEN UNTIL AFTER THE BORE IS COMPLETE. CONTRACTOR SHALL REMOVE AND REPLACE IN KIND ANY SIDEWALK OR PAVEMENT REQUIRED TO EXPOSE SUCH LINES. THE CONTRACTOR MAY CUT, TRENCH, AND REPLACE EXISTING PAVEMENT ONLY WHEN APPROVED BY THE PROJECT MANAGER.
5.

SPLICING OF COMMUNICATIONS CABLE WILL NOT BE PERMITTED IN PULL BOXES. SPLICING OF COMMUNICATIONS CABLE (CONNECTIONS) WILL BE PERMITTED ONLY AT SPLICE CABINETS OR CONTROLLER CABINETS WITH SPLICE BARS. SPLICING OF TRAFFIC SIGNALS MCC WILL BE PERMITTED IN LARGE PULL BOXES INCLUDING LARGE MEDIAN PULL BOXES. SPLICING OF VIDEO DETECTION COAXIAL CABLE WILL NOT BE PERMITTED FROM THE MASTARM BASE TO THE CONTROLLER CABINET. SPLICING OF OPTICAL DETECTOR CABLE WILL NOT BE PERMITTED FROM THE DETECTOR TO THE CONTROLLER CABINET.
6.

ALL LOOP LEAD-IN CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY PHASE AND LOOP NUMBER. ALL VIDEO DETECTION COAXIAL AND POWER CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY CAMERA NUMBER AND LOCATION. ALL OPTICAL DETECTOR CABLE SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH BY DIRECTION AND LOCATION.
7.

ALL PULL BOXES SHALL BE REINFORCED POLYMER MORTAR HEAVY DUTY TYPE WITH REINFORCED POLYMER MORTAR HEAVY DUTY COVERS. CONCRETE COVERS, STEEL COVERS, AND CONCRETE PULL BOXES WILL NOT BE ACCEPTABLE.
8.

THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS(857-8000) THREE WORKING DAYS IN ADVANCE OF ANY ANTICIPATED WORK ON SIGNALS, LIGHTING, AND POWER SERVICES. TRAFFIC ENGINEERING OPERATIONS PERSONNEL WILL ASSIST THE CONTRACTOR IN FIELD LOCATION OF EQUIPMENT, COLOR CODING OF WIRING, AND MUST BE PRESENT WHEN SIGNALS AND LIGHTING ARE SHUT-OFF OR TURNED ON. THE CONTRACTOR SHALL ALSO NOTIFY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS EACH TIME A TRAFFIC SIGNAL CONTROL DOOR IS OPENED.
9.

THE CONTRACTOR SHALL NOTIFY PUBLIC SERVICE COMPANY 30 DAYS IN ADVANCE OF ANTICIPATED POWER SERVICE CONNECTIONS. THE CONTRACTOR SHALL COORDINATE WITH PUBLIC SERVICE COMPANY TO ESTABLISH ELECTRICAL SERVICE IN THE CITY'S NAME. THE CONTRACTOR SHALL PAY THE LOCAL POWER COMPANY ALL COSTS TO PROVIDE ELECTRICAL SERVICE. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
10.

THE CONTRACTOR SHALL REMOVE ALL CONFLICTING SIGNING AND DELIVER TO THE CITY TRAFFIC ENGINEERING YARDS WHEN TRAFFIC SIGNALS ARE PUT INTO OPERATION.
11.

LIVE UNUSED CONDUCTORS WILL NOT BE ALLOWED AT MASTARM POLES AND PEDESTAL POLES. ALL SUCH UNUSED CONDUCTORS SHALL BE DISCONNECTED AT THE LARGE PULL BOX ADJACENT TO THE POLE.
12.

IF TRENCH WIDTHS LESS THAN 12" ARE PROPOSED BY THE CONTRACTOR, APPROVED COMPACTION METHODS SHALL BE USED DURING BACKFILL TO PREVENT LATENT TRENCH FAILURES. THE CONTRACTOR SHALL USE GROUT OR LEAN FILL AS APPROVED BY THE PROJECT MANAGER IN LIEU OF EARTH BACKFILL.
13.

FOR CONDUITS CONTAINING ONLY LOW VOLTAGE COMMUNICATIONS CABLES, THE REQUIREMENTS FOR A SINGLE CONDUCTOR BARE COPPER #8 AWG MAY BE WAIVED WHERE PERMITTED BY THE NATIONAL ELECTRIC CODE.
14.

THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS PERSONNEL WILL PROVIDE TRAFFIC SIGNAL TIMING PLANS AND WILL PROGRAM TRAFFIC SIGNAL CONTROLLERS.
15.

EXISTING CONDUITS TO BE REMOVED OR ABANDONED SHALL HAVE ALL WIRING REMOVED.
16.

EXISTING CONDUITS SHALL BE REPAIRED, ADJUSTED, OR REPLACED AS DIRECTED BY THE PROJECT MANAGER WHERE ELECTRICAL PULLBOXES OR TRAFFIC MANHOLES ARE INSTALLED OR REPLACED.
17.

CONTRACTOR SHALL COIL EXCESS INTERCONNECT CABLE AT ALL NEW OR EXISTING TRAFFIC MANHOLES BETWEEN SPLICE CABINET OR CONTROL CABINETS WITH SPLICE BARS. IF MORE THAN ONE MANHOLE EXISTS BETWEEN SPLICE CABINETS OR CONTROL CABINETS WITH SPLICE BARS, THEN COILING IS ONLY REQUIRED AT ONE OF THE MANHOLES. THE FOLLOWING QUANTITIES OF COMMUNICATION CABLE SHALL BE COILED:

12 PAIR

— 50 FT.

25 PAIR

— 50 FT.

50 PAIR

— 25 FT.

75 PAIR

— 25 FT.
18.

THE CONTRACTOR SHALL PROVIDE OFF-DUTY POLICE OFFICERS TO DIRECT TRAFFIC WHEN SIGNALS ARE TURNED OFF.
19.

ALL DATA SHOWN HEREIN CONCERNING EXISTING UTILITIES HAS BEEN OBTAINED FROM "AS-BUILT" DRAWINGS AND FROM FIELD OBSERVATIONS WHICH MAY OR MAY NOT BE ACCURATE. THE CONTRACTOR WILL BE RESPONSIBLE FOR EXPLORATORY TRENCHING. IF NECESSARY, TO MORE SPECIFICALLY LOCATE UTILITY LINES. COST OF LOCATING UTILITY LINES INCLUDING EXPLORATORY TRENCHING WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
20.

THE CONTRACTOR SHALL VIDEO TAPE THE EXISTING TRAFFIC SIGNAL EQUIPMENT IN VHS FORMAT AND REVIEW THE TAPE WITH CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS PERSONNEL PRIOR TO BEGINNING ANY REMOVALS OF SIGNAL EQUIPMENT. THE TAPE SHALL BECOME THE PROPERTY OF THE CITY AND MAY BE USED TO RESOLVE ANY QUESTIONS RELATED TO THE ORIGINAL CONDITION AND QUALITY OF EXISTING EQUIPMENT. THE EXISTING TRAFFIC SIGNAL EQUIPMENT INCLUDING POLES, CONTROLLER CABINETS, CONFLICT MONITORS, AND DETECTORS SHALL BE DELIVERED TO THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING YARD ON PINO ROAD NE.

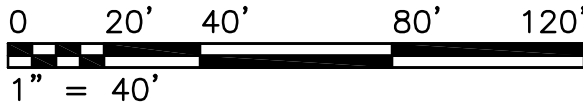
TRAFFIC SIGNAL LEGEND

NEW	EXISTING	ITEM
		PULL BOX
		SERVICE POLE
		METER PEDESTAL
		CONTROLLER CABINET
		CONDUIT RUN (SIGNALS)
		CONDUIT RUN (INTERCONNECT)
		LOOP DETECTOR
		TRAFFIC SIGNAL PEDESTAL POLE
		CONDUIT RUN NUMBER (SIGNAL)
		CONDUIT RUN NUMBER (POWER SERVICE)
		CONDUIT RUN NUMBER (INTERCONNECT)
		CONDUIT RUN NUMBER (WARNING BEACON)
		TYPE II STANDARD WITH MASTARM, TRAFFIC SIGNAL, BACK PLATE, AND OPTICAL DETECTOR
		TYPE III STANDARD WITH MASTARM TRAFFIC SIGNAL, BACK PLATE, OPTICAL DETECTOR, LUMINAIRE, AND VIDEO CAMERA
		PEDESTRIAN PUSH BUTTON (MOUNTED TO SIDE OF POLE WHERE INDICATED)
		PEDESTRIAN SIGNALS (MOUNTED TO SIDE OF POLE WHERE INDICATED)
		SPLICE CABINET
		TRAFFIC MANHOLE
		VIDEO CAMERA
		LUMINAIRE AND POLE

DEFINITIONS

1.

"ENGINEER" — FOR THE PURPOSES OF THIS PROJECT, THE TERM "ENGINEER" IS SYNONYMOUS WITH THE TERM "PROJECT MANAGER".



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SIGNATURES AND ENGINEER'S SEAL

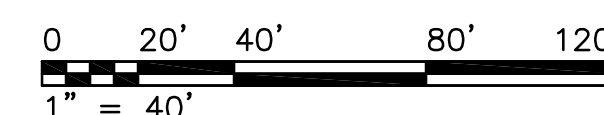
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ISSUED FOR CONSTRUCTION

		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DEVELOPMENT DIVISION	
TITLE: CITY OF ALBUQUERQUE UNSER\SAGE INTERIM IMPROVEMENTS TRAFFIC SIGNAL NOTES & LEGEND			
Design Review Committee	City Engineer Approval	<div>Mo./Day/Yr.</div> <div>Mo./Day/Yr.</div>	
Last Design Update			
City Project No.	7627.91	Zone Map No. L-10,M-9&10	Sheet 18 Of 22



1. ALL COSTS INCLUDING MATERIALS TO INSTALL, OPERATE, AND MAINTAIN THE SIGNAL SPAN, EXCEPT AS NOTED HEREIN, SHALL BE INCLUDED IN UNIT PRICE BID FOR ITEM 422.022 SIGNAL SPAN. SIGNAL SPAN MATERIALS INCLUDE 3/8" HIGH STRENGTH GUY WIRE, POLE CLAMPS, TURNBUCKLE, THIMBLES, U-BOLT CLAMPS, DOWN GUYS, 45' WOOD POLES FULLY TREATED, ANCHOR SHACKLES, SHACKLE ENDS, SERVICE WEATHERHEADS, # 6 AWG BARE SOLID WIRE, GROUND RODS, REC (GS) RISERS, # 2 AWG OVERHEAD WIRING FOR STREET LIGHT, AND TRAFFIC SIGNAL CABLES (MULTICONDUCTOR CABLES 5, 7, AND 20) ALL SIGNAL SPAN MATERIALS SHALL BE INCLUSIVE IN BID ITEM 422.022. ALL SIGNAL SPAN EQUIPMENT WILL REMAIN THE PROPERTY OF THE CITY.
2. THE INSTALLATION OF THE SIGNAL CONTROLLER CABINET, CONTROLLER SIGNAL SPANS, HEADS, WIRING, MACHINE VISION VEHICLE DETECTION SYSTEM, VIDEO CAMERAS, BACKPLATES, SERVICE DROP, METER PEDESTAL, CONDUIT, AND ALL MATERIAL NOT SPECIFICALLY CALLED FOR ON THESE PLANS, BUT NECESSARY FOR AN OPERATING SYSTEM IN COMPLIANCE WITH THE NATIONAL ELECTRIC CODE SHALL BE PROVIDED BY THE CONTRACTOR.
3. ALL MATERIAL AND INSTALLATION METHODS FOR THE SIGNAL SHALL BE IN CONFORMANCE WITH THE APPLICABLE PARTS OF THE CITY OF ALBUQUERQUE AND NMDOT STANDARD SPECIFICATIONS.
4. SIGNAL TIMING SHALL BE PROGRAMMED INTO SIGNAL CONTROL EQUIPMENT BY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING PERSONNEL. MINIMUM PEDESTRIAN TIMING SHALL BE PROVIDED.
5. SEE CITY OF ALBUQUERQUE STANDARD SHEET 2568 FOR ADDITIONAL DETAILS FOR THE MACHINE VISION VEHICLE DETECTION SYSTEM
6. INSTALLATION OF MACHINE VISION VEHICLE DETECTION SYSTEM AND EMERGENCY VEHICLE PRE-EMPT EQUIPMENT FOR SIGNAL SPANS WILL BE CONSIDERED INCIDENTAL TO ITEM 422.022 SIGNAL SPAN. DETECTOR ZONES SHALL BE PROGRAMMED BY THE EQUIPMENT MANUFACTURER AND APPROVED BY THE CITY'S TRAFFIC ENGINEERING PERSONNEL.
7. FOOTAGE OF VIDEO COAXIAL CABLE, VIDEO POWER CABLE, AND OPTICAL DETECTOR CABLE FOR SIGNAL SPANS WILL BE CONSIDERED INCIDENTAL TO ITEM 422.022 TEMPORARY SIGNAL SPAN.
8. CONDUIT AND WIRING TO THE POWER SERVICE SHALL BE MEASURED AND PAID UNDER ITS OWN SEPARATE BID ITEM.
9. INSTALLATION OF TRAFFIC ACTUATED CONTROLLER AND EIGHT PHASE DUAL RING CONTROLLER CABINET FOR SIGNAL SPANS WILL BE MEASURED AND PAID UNDER PERMANENT SIGNAL INSTALLATION CONTRACT ITEMS. THE CONTROLLER CABINET AND MONITOR CONFIGURATION FOR SIGNALS SIGNALS SHALL BE MODIFIED BY THE EQUIPMENT MANUFACTURER.
10. THE POWER SERVICE FOR THE SIGNAL SPANS INCLUDING THE SERVICE RISER (SIGNAL), AND THE METER PEDESTAL (SIGNAL), SHALL BE THE SAME EQUIPMENT TO BE USED FOR THE PERMANENT INSTALLATION. THE POWER SERVICE SHALL CONFORM TO DETAILS SHOWN ON SHEET 2570 AND 2571. THE CONTRACTOR SHALL COORDINATE POWER SERVICE REQUIREMENTS. WITH POWER SERVICE REQUIREMENTS WITH THE LOCAL POWER COMPANY.
11. THE CONTRACTOR SHALL REPAIR THE MACHINE VISION SYSTEM IF IT IS NOT OPERATING PROPERLY WITHIN TWO (2) DAYS AFTER RECEIVING WRITTEN NOTICE FROM THE PROJECT MANAGER.
12. SIGNAL HEADS SHALL BE WIRED FROM THE BOTTOM SIDE TO MINIMIZE MOISTURE INTRUSION INTO THE FIXTURE.
13. THE CONTRACTOR SHALL FURNISH A SPARE CAMERA TO KEEP ON HAND FOR MAINTENANCE OF THE VIDEO SYSTEM DURING CONSTRUCTION. THIS CAMERA WILL BECOME THE PROPERTY OF THE CITY AT THE END OF THE PROJECT.
14. REMOTE VIDEO PROGRAM DEVICE TO BE PROVIDED BY CONTRACTOR TO CITY OF ALBUQUERQUE AT THE END OF THE PROJECT.

[illegible]

TITLE:	CITY OF ALBUQUERQUE
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Design Review Committee	City Engineer Approval	Lost Design Update	Mo./Day/Yr.	Mo./Day/Yr.

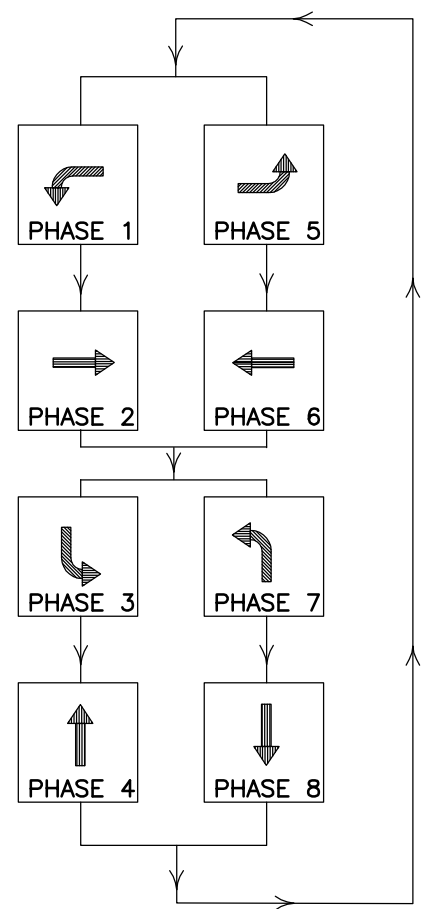
City Project No.	7627.91	Zone Map No.	L-10.M-9&10	Sheet	19	Of	22
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SIGNATURES AND ENGINEER'S SEAL

ISSUED FOR CONSTRUCTION

SIGNAL PHASING



ABBREVIATIONS

SWP1 SPAN WIRE POLE NUMBER
SW1 SPAN WIRE NUMBER
JA SIGNAL HEAD NUMBER
DL1(1) DETECTOR LOOP PHASE NO (LOOP NO)
PB1 PULL BOX NUMBER
PBS1 PULL BOX NUMBER (POWER SERVICE)
P1 PEDESTRIAN SIGNAL NUMBER
CAM1 PEDESTRIAN SIGNAL NUMBER
LUM1 LUMINAIRE

SYMBOL KEY

CC1 CONTROL CABINET NUMBER
99 CONDUIT RUN ID (SIGNAL)

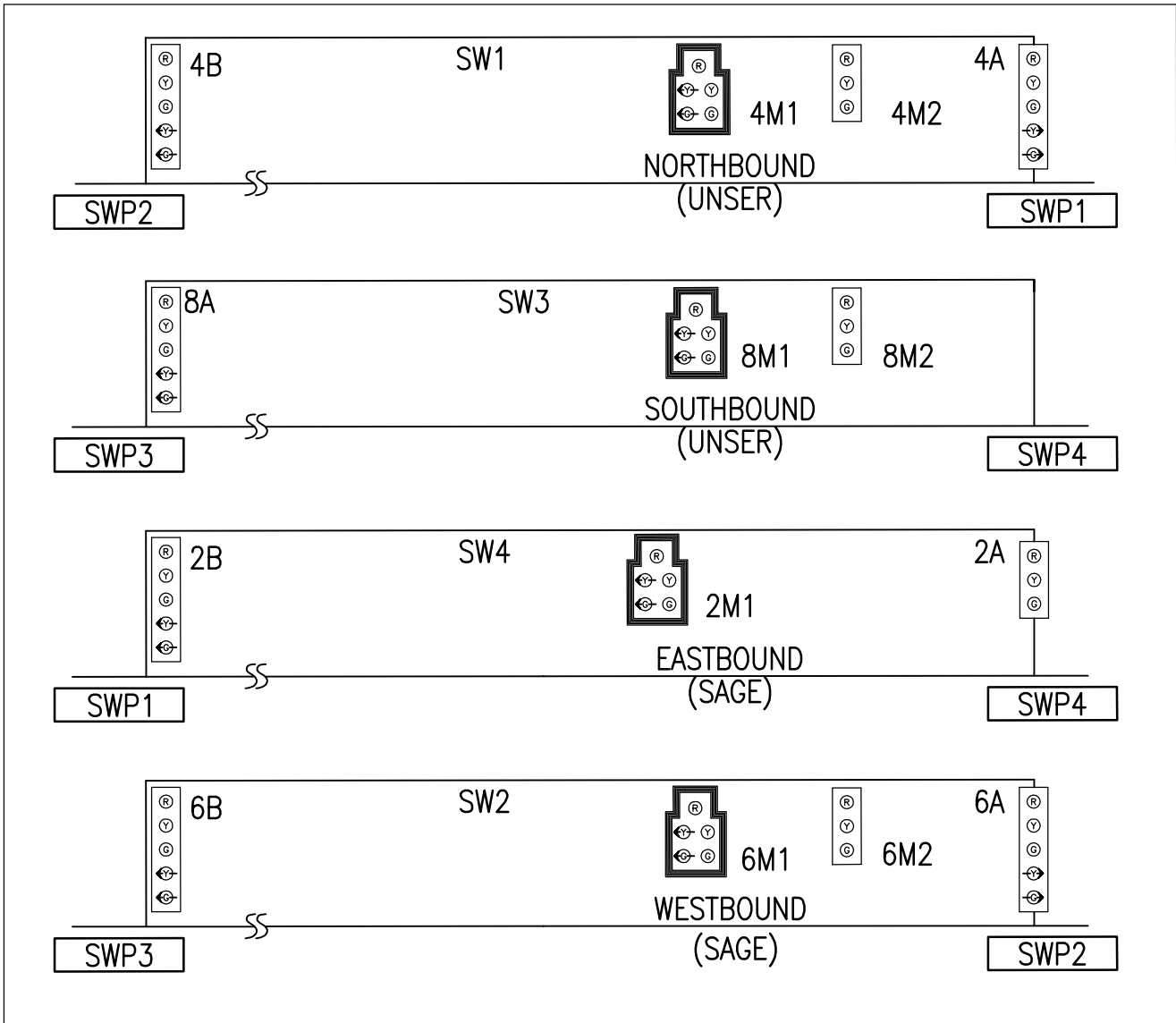
FLASH CONDITION

RED BALL → HEADS: 2A,2B,2M1,2M2
4A,4B,4M1,4M2
RED BALL → HEADS: 6A,6B,6M1,6M2
8A,8M1,8M2

INITIALIZATION

ALL RED, THEN PHASE 2 AND 6 GREEN

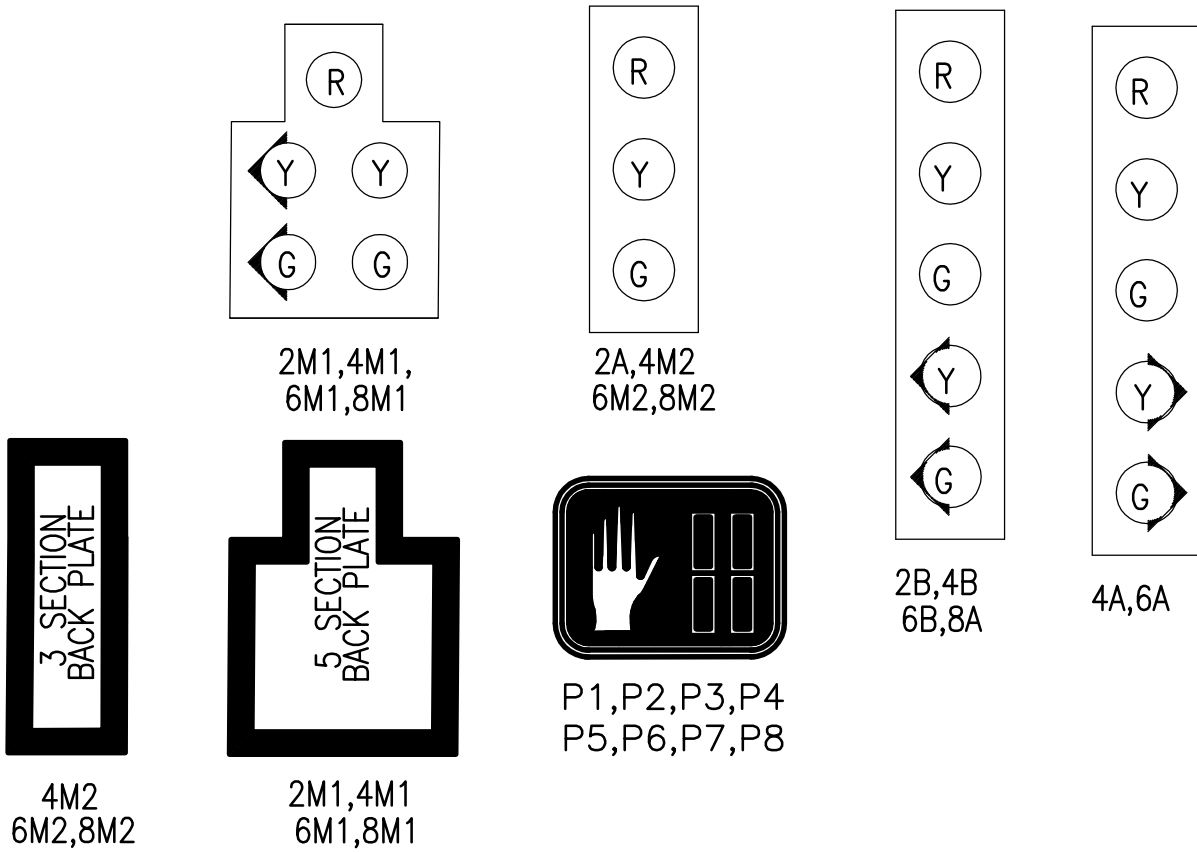
TRAFFIC SIGNAL CONFIGURATION BY APPROACH



GENERAL NOTES

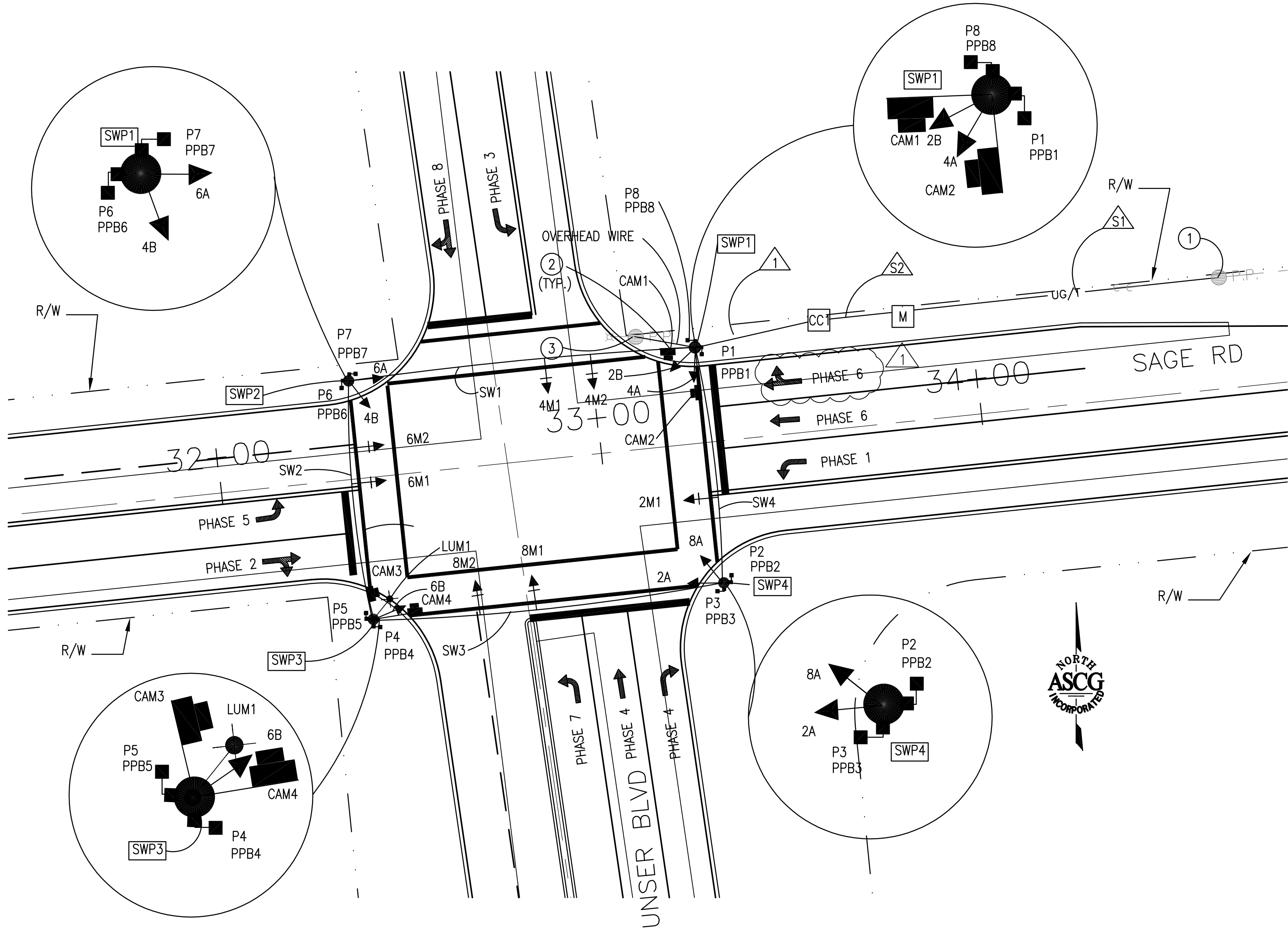
- NEW LUMINAIRE ON 10' ARM. AERIAL WIRING SHALL BE RUN FROM EXISTING LUMINAIRE TO SWP1, ALONGSIDE SPAN TO SWP3, AND TO NEW LUM1. ALL NECESSARY WIRING AND MATERIAL FOR INSTALLATION AND OPERATION OF THE NEW LUMINAIRE SHALL BE INCLUDED IN ITEM 422.022. NEW LUMINAIRE WILL BE DARK SKY COMPLIANT AND PAID UNDER ITEM 432.001.
- PEDESTRIAN HEAD TO BE A COUNTDOWN LED PEDESTRIAN SIGNAL HEAD PER CITY OF ALBUQUERQUE STANDARDS.

TYPICAL SIGNAL FACE LENS ARRANGEMENTS



KEYED NOTES

- PROVIDE NEW SERVICE RISER ON EXISTING POLE W/ TRANSFORMER.
- CAMERAS SHALL BE MOUNTED ON 10' LUMINAIRE ARMS AND DIRECTED AS SHOWN.
- EXISTING LIGHT POLE TO REMAIN WITH NEW DARK SKY COMPLIANT LUMINAIRE.

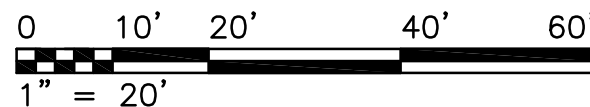


UNSER/SAGE INTERSECTION

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SIGNATURES AND ENGINEER'S SEAL

RECORD DRAWING

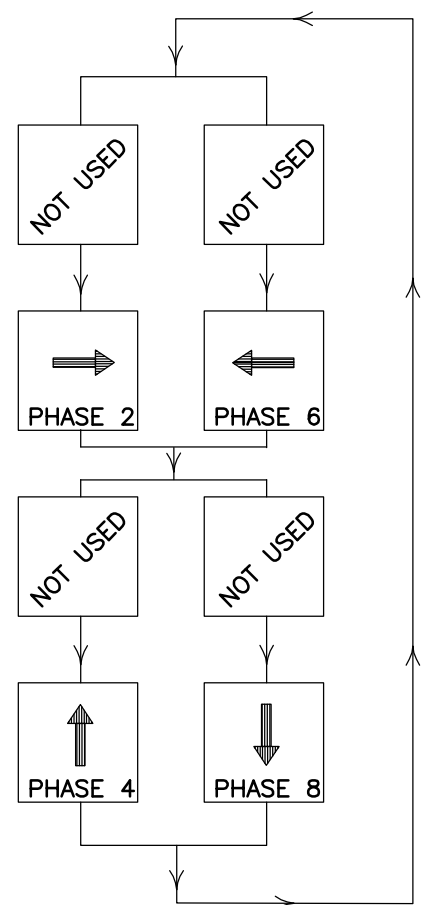
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ISSUED FOR CONSTRUCTION

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	DATE	NO.	DATE	BY
INSPECTOR'S	DATE	NO.	BY	DATE	NO.	DATE	BY
VERIFICATION BY	DATE	NO.	BY	DATE	NO.	DATE	BY
DESIGNED BY	DATE	NO.	BY	DATE	NO.	DATE	BY
RECORDED BY	DATE	NO.	BY	DATE	NO.	DATE	BY
MICRO-FILM INFORMATION		REVISIONS		REVISIONS		REVISIONS	

SIGNAL PHASING



ABBREVIATIONS

MA	MASTARM
1A	SIGNAL HEAD NUMBER
DL1(1)	DETECTOR LOOP PHASE NO (LOOP NO)
PB1	PULL BOX NUMBER
P1	PEDESTRIAN SIGNAL NUMBER

SYMBOL KEY

CC1	CONTROL CABINET NUMBER
99	CONDUIT RUN ID (SIGNAL)

FLASH CONDITION

RED BALL	HEADS: 2B, 2M1, 2A 4B, 4M1, 4A
RED BALL	HEADS: 3B, 3M1, 3MA 1B, 1M1, 1M2, 1A

INITIALIZATION

ALL RED, THEN PHASE 2 AND 6 GREEN

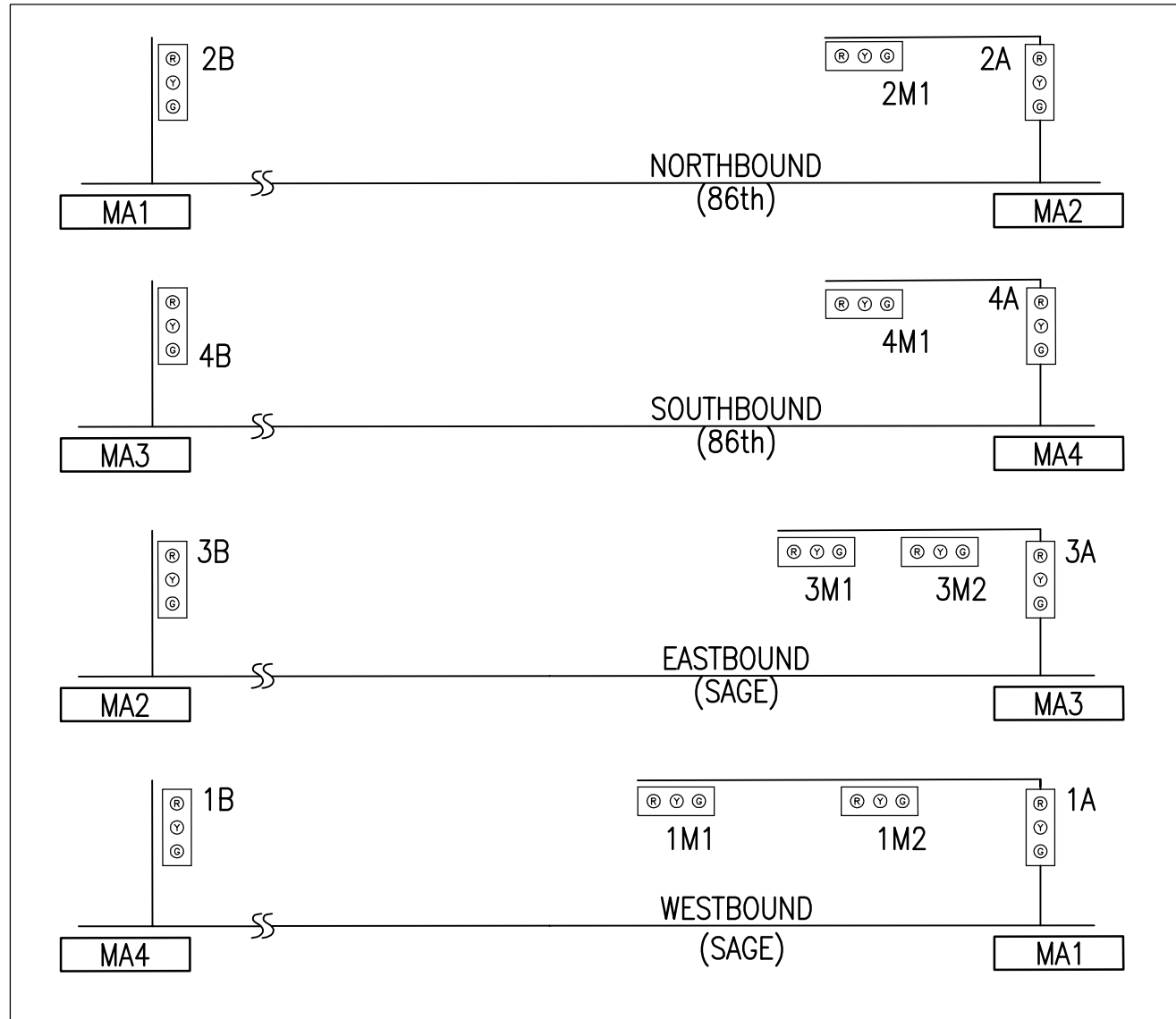
SIGNAL POLES AND MASTARMS

ID#	TYPE
MA1	MASTARM - TYPE II - 40'
MA2	MASTARM - TYPE II - 30'
PP1	PED POLE - 13'

FOUNDATION LOCATION DATA

FROM	STA	OFFSET
MA1	10+60.34	42.09
MA2	11+46.83	57.63
PP1	11+65.80	5.49

TRAFFIC SIGNAL CONFIGURATION BY APPROACH

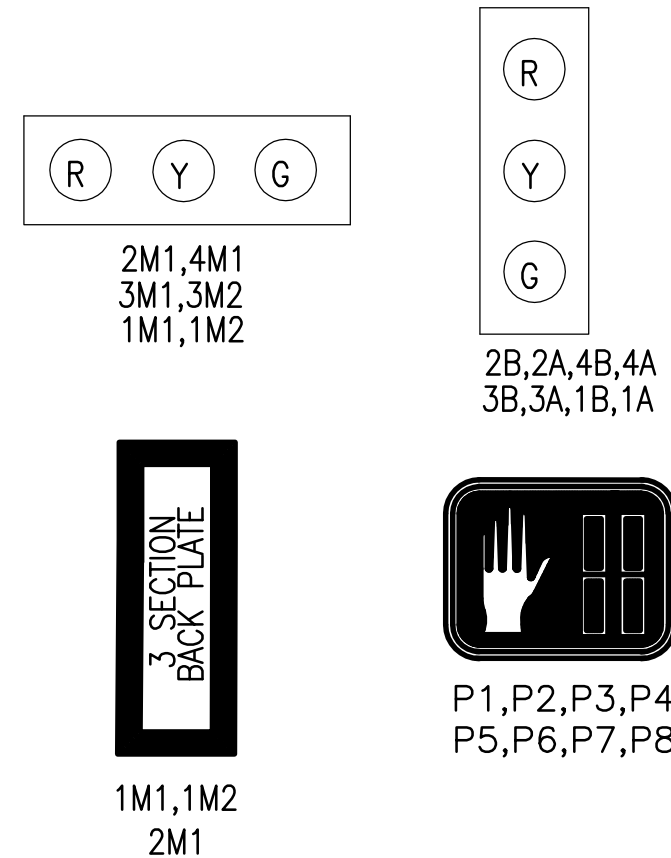


THIS SHEET HAS BEEN REDRAWN.
SEE ORIGINAL DRAWING FOR
SIGNATURES AND ENGINEER'S SEAL

GENERAL NOTES

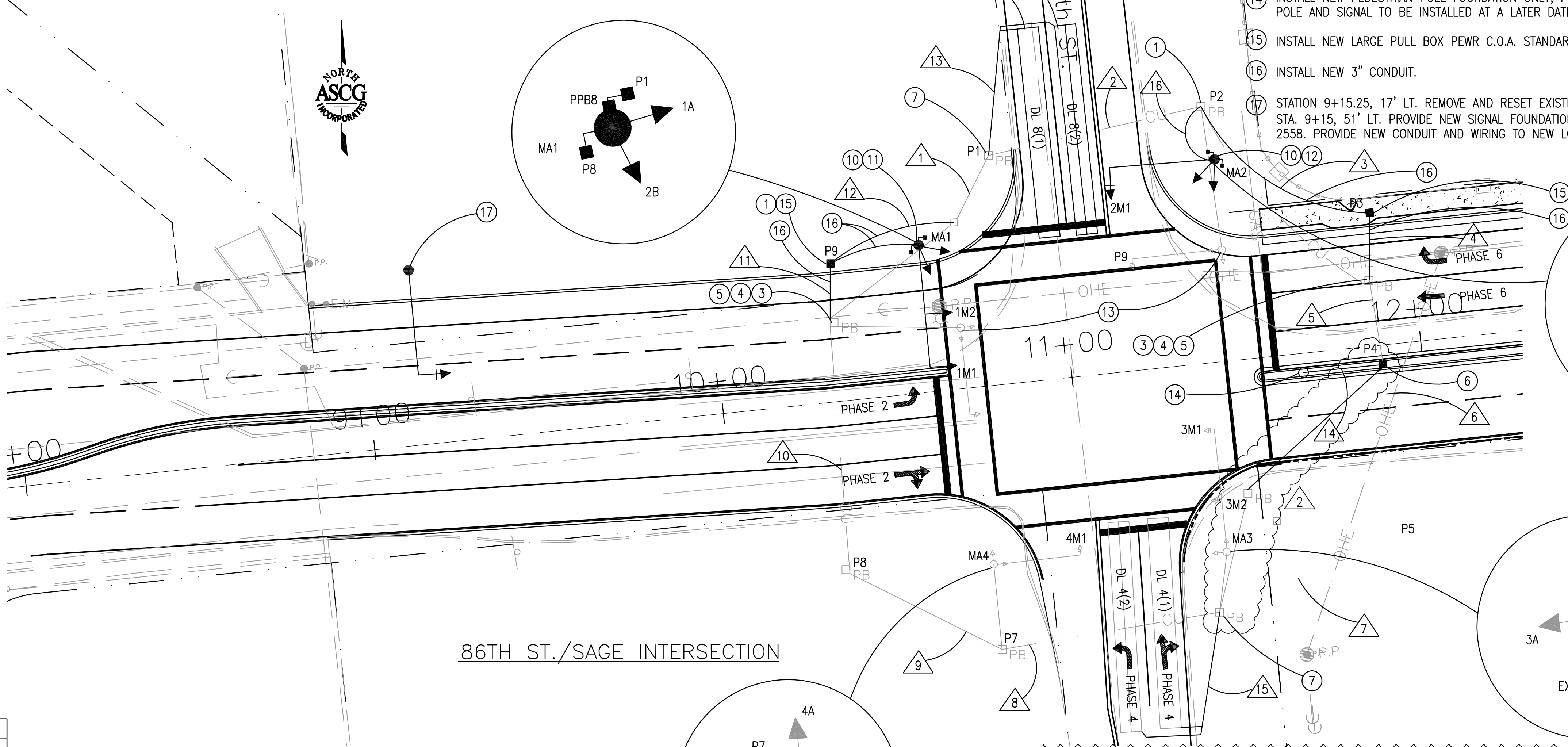
- 1 PEDESTRIAN HEAD TO BE A COUNTDOWN LED PEDESTRIAN SIGNAL HEAD PER CITY OF ALBUQUERQUE STANDARDS.

TYPICAL SIGNAL FACE LENS ARRANGEMENTS



KEYED NOTES

- 1 SPlice EXISTING CONDUCTORS FROM EXISTING CONDUIT RUN TO NEW CONDUIT AND CONDUCTORS.
- 2 SPlice EXISTING CONDUCTORS TO NEW CONDUCTORS.
- 3 REMOVE EXISTING PULL BOX.
- 4 INTERCEPT EXISTING CONDUIT RUN AND EXTEND CONDUIT.
- 5 REMOVE EXISTING CONDUCTOR, REPLACE PER CONDUIT AND CONDUCTOR REQUIREMENTS TABLE.
- 6 INSTALL NEW STANDARD PULL BOX PER C.O.A. STANDARD DRAWING 2550, INTERCEPTING EXISTING CONDUIT RUN 4.
- 7 REMOVE EXISTING DLLC AND REPLACE WITH NEW CONTINUOUS RUN FROM LOOP CONDUCTOR TO CONTROLLER CABINET.
- 8 INSTALL NEW 6"x40" LOOP DETECTOR OFFSET FROM EXISTING. CUT, REMOVE, AND SEAL EXISTING, SAW CUT AS NECESSARY.
- 9 INSTALL NEW 6"x40" QUADRAPOLE LOOP DETECTOR OFFSET FROM EXISTING. CUT, REMOVE, SEAL EXISTING, SAW CUT AS NECESSARY.
- 10 REMOVE AND SALVAGE EXISTING MASTARM TO THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING YARD ON PINO ROAD NE.
- 11 INSTALL NEW 40' MASTARM TYPE II AND TYPE B FOUNDATIONS, PER C.O.A. STANDARD DRAWINGS 2562 AND 2558.
- 12 INSTALL NEW 30' MASTARM TYPE II ON NEW TYPE B FOUNDATION PER C.O.A. STANDARD DRAWING 2562 AND 2558.
- 13 DEMOLISH EXISTING SIGNAL FOUNDATIONS TO BELOW NEW ROADWAY BASE.
- 14 INSTALL NEW PEDESTRIAN POLE FOUNDATION ONLY, PER C.O.A. STANDARD DRAWING 2555. POLE AND SIGNAL TO BE INSTALLED AT A LATER DATE.
- 15 INSTALL NEW LARGE PULL BOX PEWR C.O.A. STANDARD DRAWING 2550.
- 16 INSTALL NEW 3" CONDUIT.
- 17 STATION 9+15.25, 17' LT. REMOVE AND RESET EXISTING SCHOOL CROSSING SIGNAL AT STA. 9+15, 51' LT. PROVIDE NEW SIGNAL FOUNDATION PER C.O.A. STANDARD DRAWING 2558. PROVIDE NEW CONDUIT AND WIRING TO NEW LOCATION.



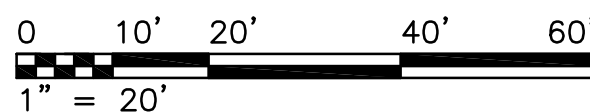
86TH ST./SAGE INTERSECTION

LOOP LEAD-IN CABLE

FROM	TO	CONDUIT TRACE	# PAIR X LENGTH	TOTAL LENGTH
PB1	CONTROLLER	1	2 @ 30'	60'
PB6	CONTROLLER	7-6-5-4-3-2-1	2 @ 340'	680
			TOTAL	116'-8"

RECORD DRAWING
06/2010

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.



ISSUED FOR CONSTRUCTION

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		ASCG INCORPORATED	
CONTRACTOR	DATE	WORK	DATE	NO.	BY	REGISTERED PROFESSIONAL ENGINEER	12722	NO.	DATE	DESIGNED BY	DATE
INSPECTOR'S	DATE	ACCEPTANCE BY	DATE							LSJ	11/05
VERIFICATION BY	DATE									GCG	11/05
DRAGGED BY	DATE									TDS	11/05
MICRO-FILM INFORMATION											
RECORDED BY	NO.										



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: CITY OF ALBUQUERQUE
86th ST. & SAGE INTERIM IMPROVEMENTS
SIGNAL LAYOUTS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
7627.91	L-10,M-9&10	21	22

THIS SHEET HAS BEEN REDRAWN.
SEE ORIGINAL DRAWING FOR
SIGNATURES AND ENGINEER'S SEAL

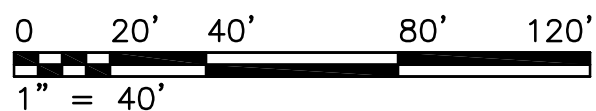
Date 06/2010
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* INCIDENTAL TO CONSTRUCTION

NOTES:

- 1/ IDENTIFY CONDUCTORS LISTED AS "115 VOLTS"
- 2/ WRAP RING 2 CABLE AT EACH SPLICE POINT WITH COLORED ELECTRICAL TAPE. THE IDENTIFICATION MARKING SHALL BE PROVIDED ON EACH RING 2 CABLE AT EACH SPLICE BOX AND LOCATED 6" BACK FROM THE END.
- 3/ IDENTIFY CONDUCTORS LISTED AS "PPB - LOW VOLTAGE" AT EACH SPLICE POINT. FIVE (5) CONDUCTOR CABLE SHALL BE 24 VOLTS AND USED FOR PUSH BUTTONS ONLY.

MCC	MULTI CONDUCTOR CABLE
OP	OPTICOM DETECTOR CABLE
PB	PULL BOX
REC	RIGID ELECTRICAL CONDUIT
SIG	SIGNAL CABLE
SCC	SINGLE CONDUCTOR CABLE
SWP	SPAN WIRE POLE
SW	SPAN WIRE
VID	VIDFO POWER AND COAXIAL CABLE



ISSUED FOR CONSTRUCTION

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