

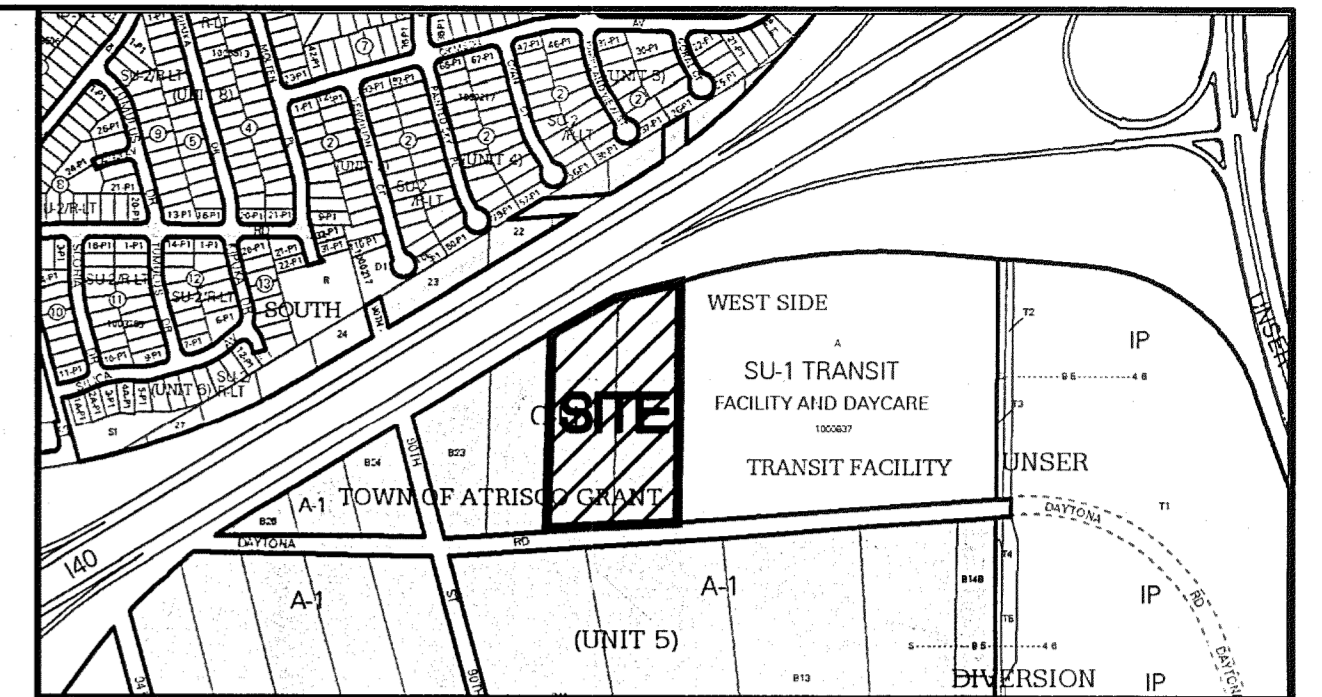
CONSTRUCTION PLANS FOR BRUCKNER TRUCK SALES

ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
DECEMBER 2012



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- 06 UTILITY IMPROVEMENTS: 12" WL & 8" SAS LINE
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- 08 ARROYO IMPROVEMENTS:
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VICINITY MAP J-09-Z
SCALE NONE

- NOTICE TO CONTRACTORS**
1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (UPDATE #8)
 2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
 3. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
 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 OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 5. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO(2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
 6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
 7. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER 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. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
 8. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
 9. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
 10. ALL UTILITY WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH ABCWUA SPECIFICATIONS FOR WATER AND WASTEWATER FACILITIES (MOST RECENT REVISIONS).
 11. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT <http://abcwua.org/content/view/full/463/729>
 12. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
 13. ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO SECTION 170 OF THE COA STANDARD SPECIFICATIONS.
 14. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE COA.
 15. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER APPROVAL.

DRB # 1008585

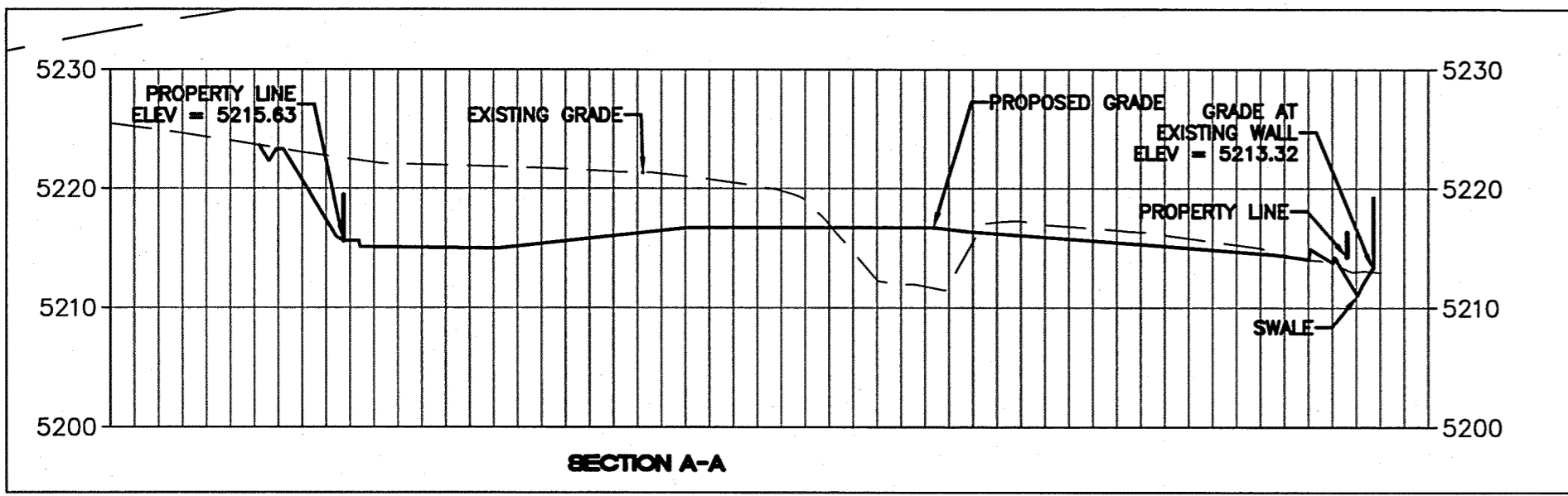
TERRA WEST, LLC
5571 MIDWAY PARK PLACE NE
ALBUQUERQUE, NEW MEXICO 87109
505-858-3100
www.terrawestllc.com

- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED
- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
 - BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
 - TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE PROJECT ENGINEER.
 - SIDEWALKS AND WHEELCHAIR RAMP WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
 - IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
 - ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

REV	SHEETS	CITY ENGINEER	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****				
		DRC Chairman	<i>J. Wagoner</i>	2/14/13	APPROVED FOR CONSTRUCTION				
		Transportation	<i>[Signature]</i>	12/10/12					
		Water/Wastewater	<i>[Signature]</i>	12-28-12					
		Hydrology	<i>[Signature]</i>	12/10/12					
		AMAFCA							
		Constr. Mngmt.							
		Constr. Coord.							
CITY PROJECT NO.		655782			SHEET		OF		
					01		09		

RONALD R. BOHANNAN
P.E. #7868

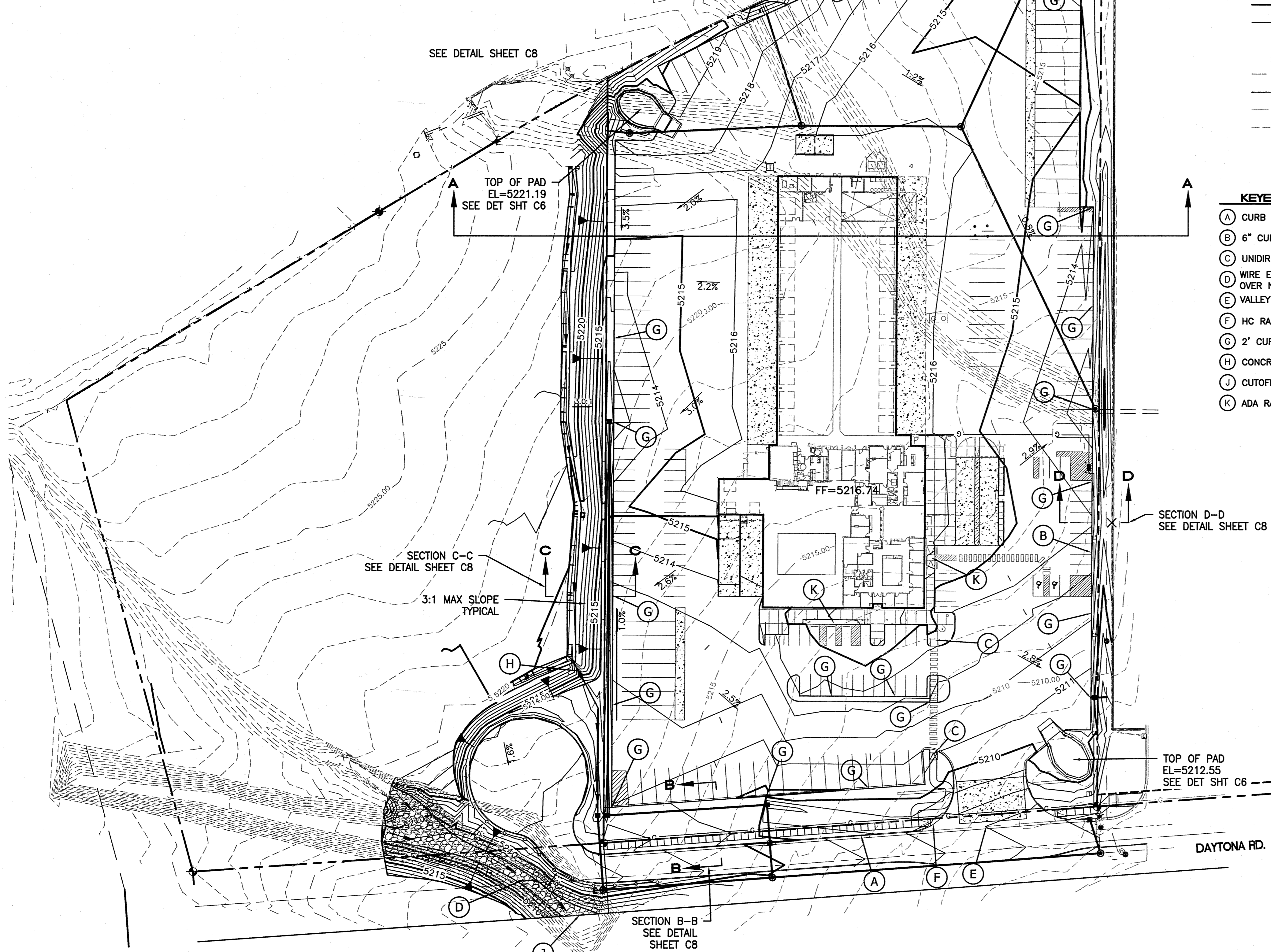
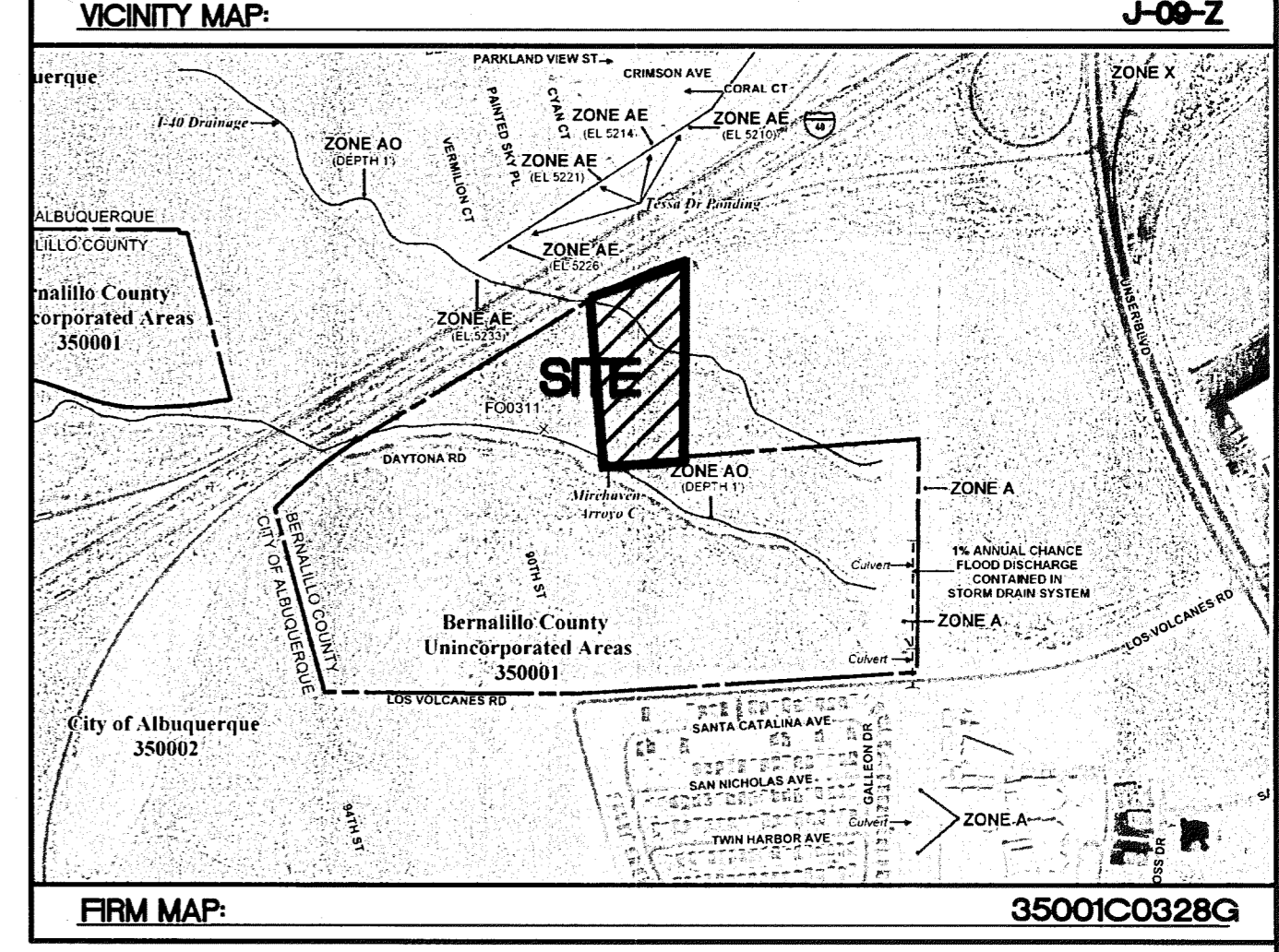
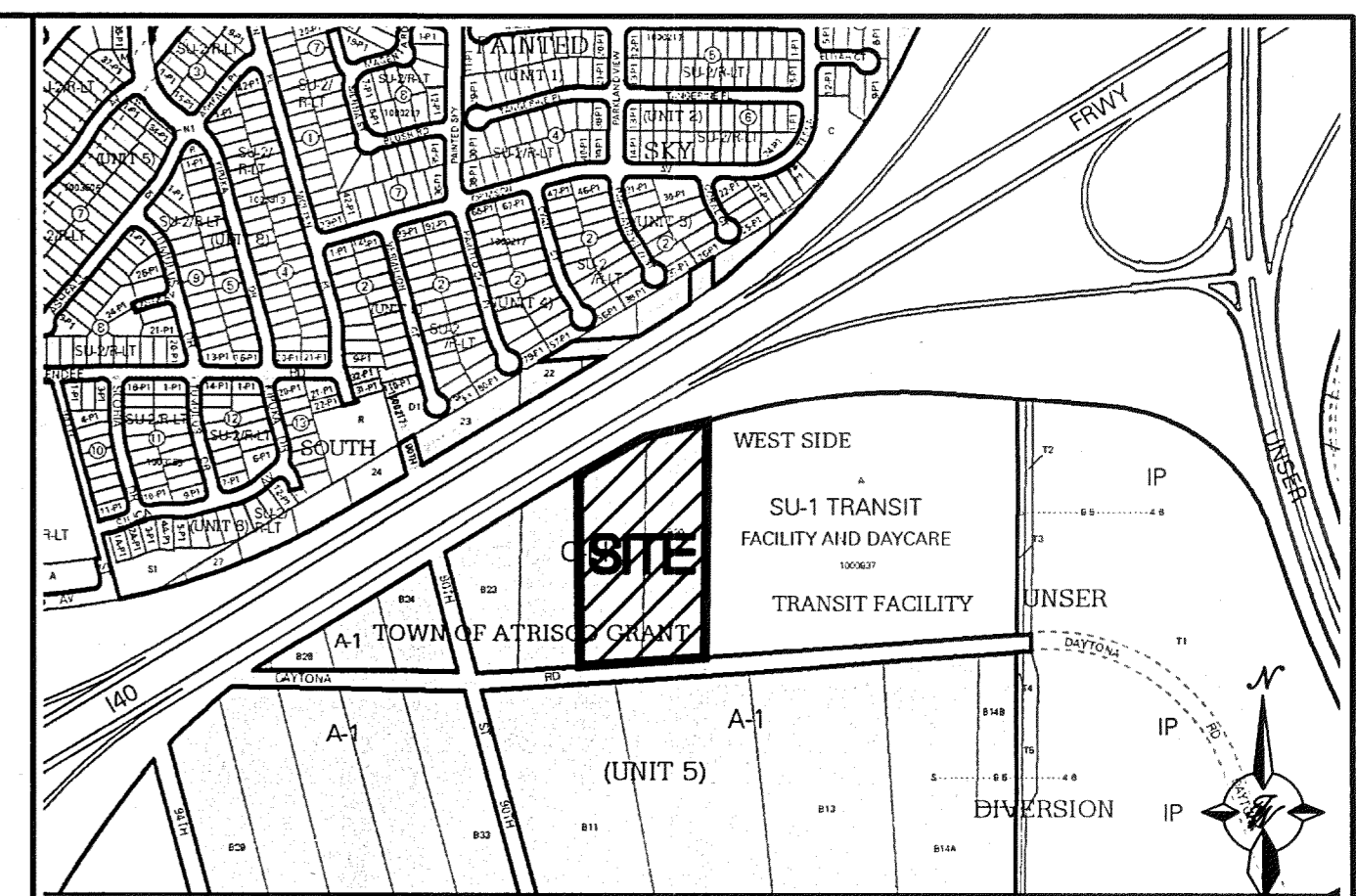
R. Bohannan 4-26-13
City Engineer Date



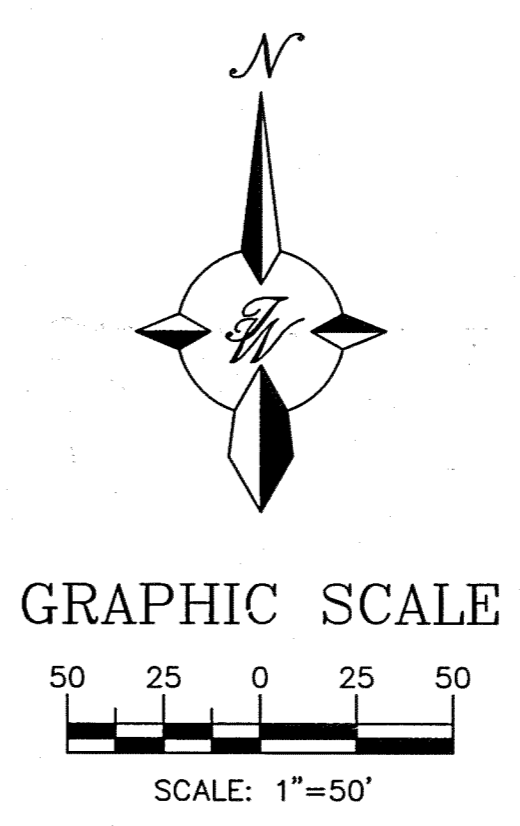
LEGEND

	CURB & GUTTER
	BOUNDARY LINE
	EASEMENT
	CENTERLINE
	RIGHT-OF-WAY
	BUILDING
	SIDEWALK
	SCREEN WALL
	RETAINING WALL
	5010 CONTOUR MAJOR
	5011 CONTOUR MINOR
	x 5048.25 SPOT ELEVATION
	FLOW ARROW
	EXISTING CURB & GUTTER
	EXISTING BOUNDARY LINE
	5010 EXISTING CONTOUR MAJOR
	5011 EXISTING CONTOUR MINOR
	x 5048.25 EXISTING SPOT ELEVATION

- KEYED NOTE:**
- (A) CURB & GUTTER PER COA STD DWG #2415B
 - (B) 6" CURB & GUTTER (SEE DETAIL SHEET C6)
 - (C) UNIDIRECTIONAL RAMP (SEE DETAIL SHEET C7)
 - (D) WIRE ENCLOSED RIPRAP, CLASS "A" 1.0 FT. THICK OVER NON-WOVEN GEOTEXTILE CLASS "1"
 - (E) VALLEY GUTTER
 - (F) HC RAMP (SEE DETAIL SHEET C7)
 - (G) 2' CURB CUT (SEE DETAIL SHEET C7)
 - (H) CONCRETE V-DITCH (SEE DETAIL SHT C9)
 - (J) CUTOFF WALL (SEE DETAIL SHT C9)
 - (K) ADA RAMP "C" (SEE DETAIL SHT C7)

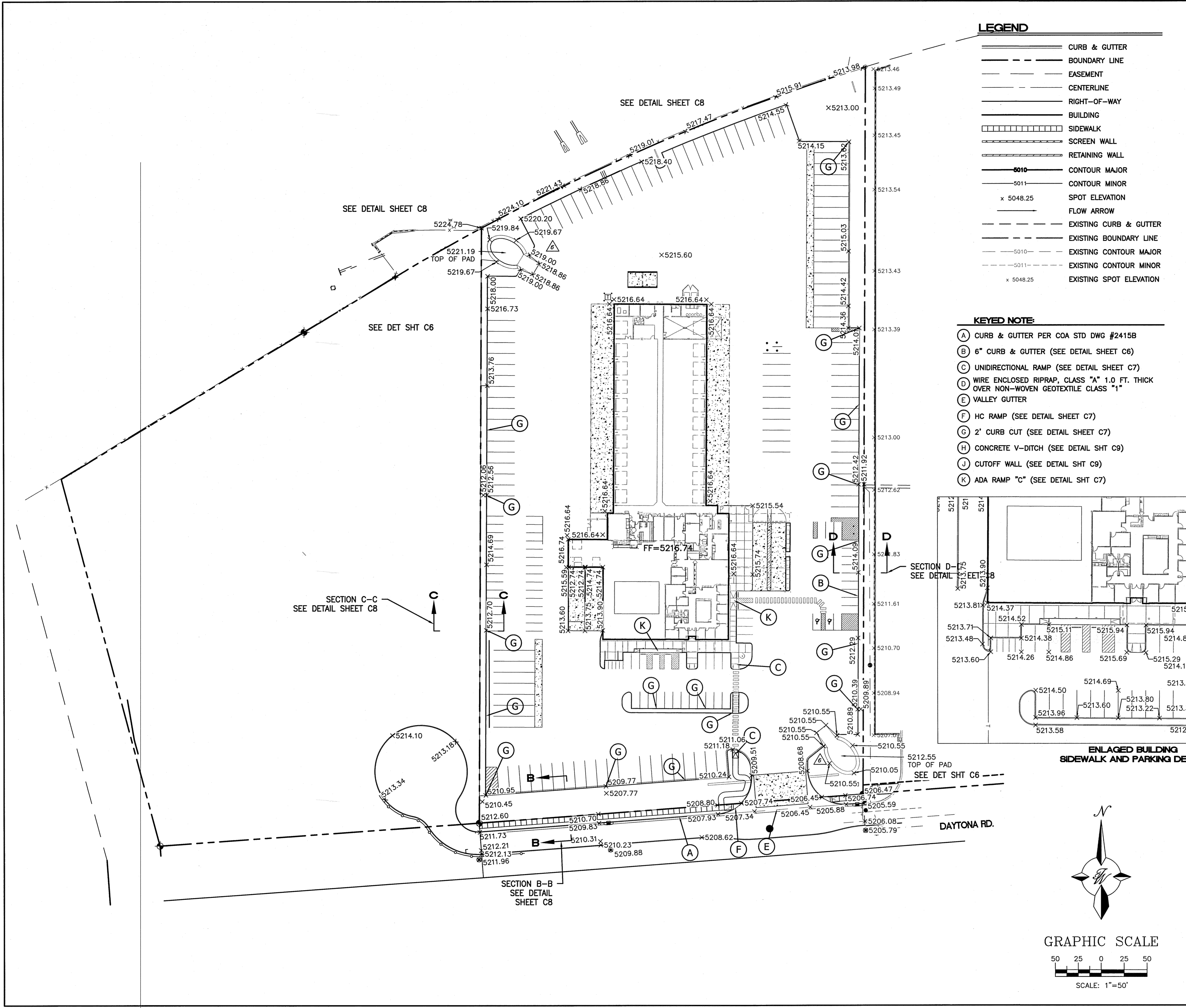


FOR INFORMATION ONLY



ROUGH GRADING APPROVAL _____ DATE _____

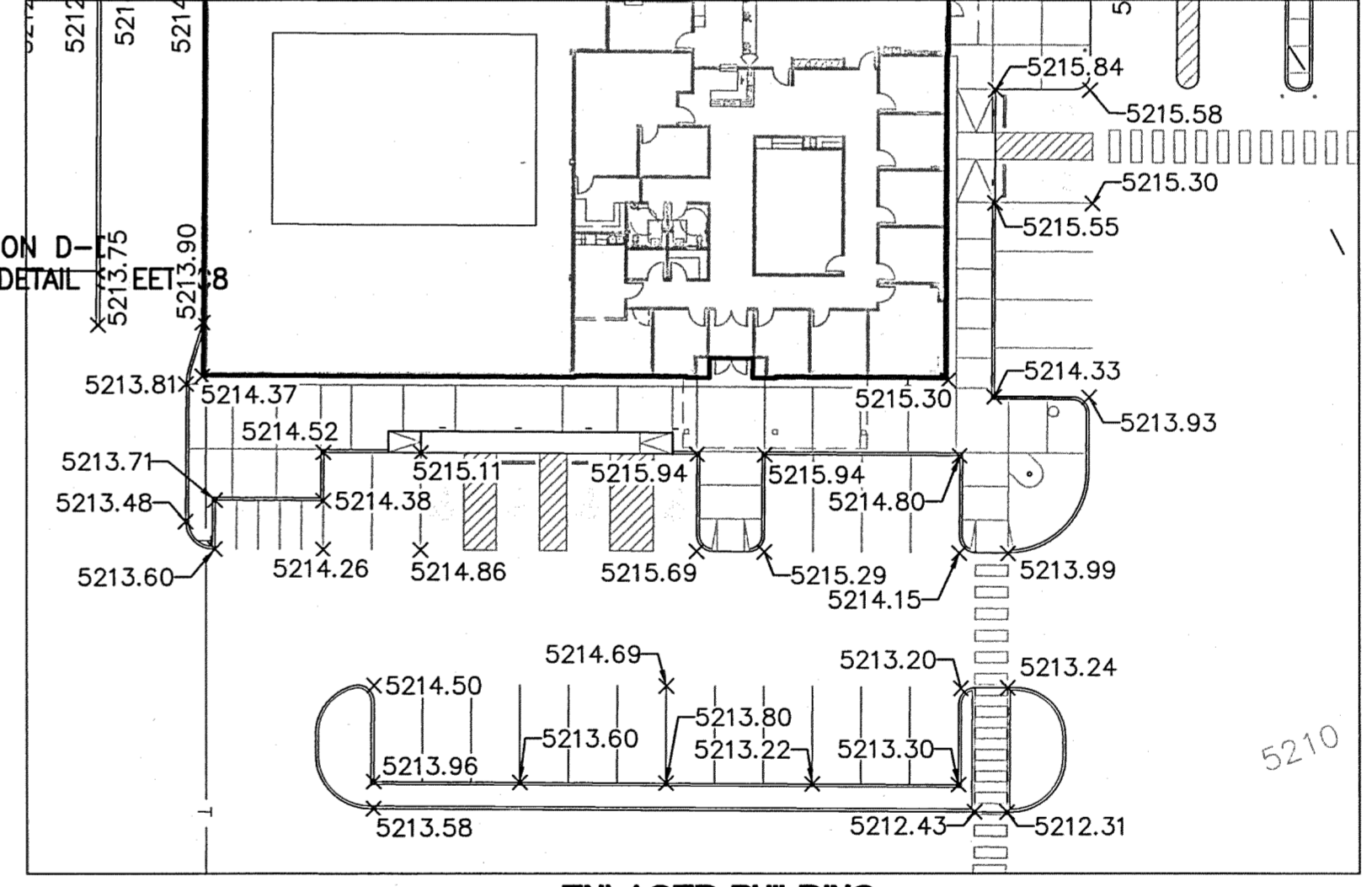
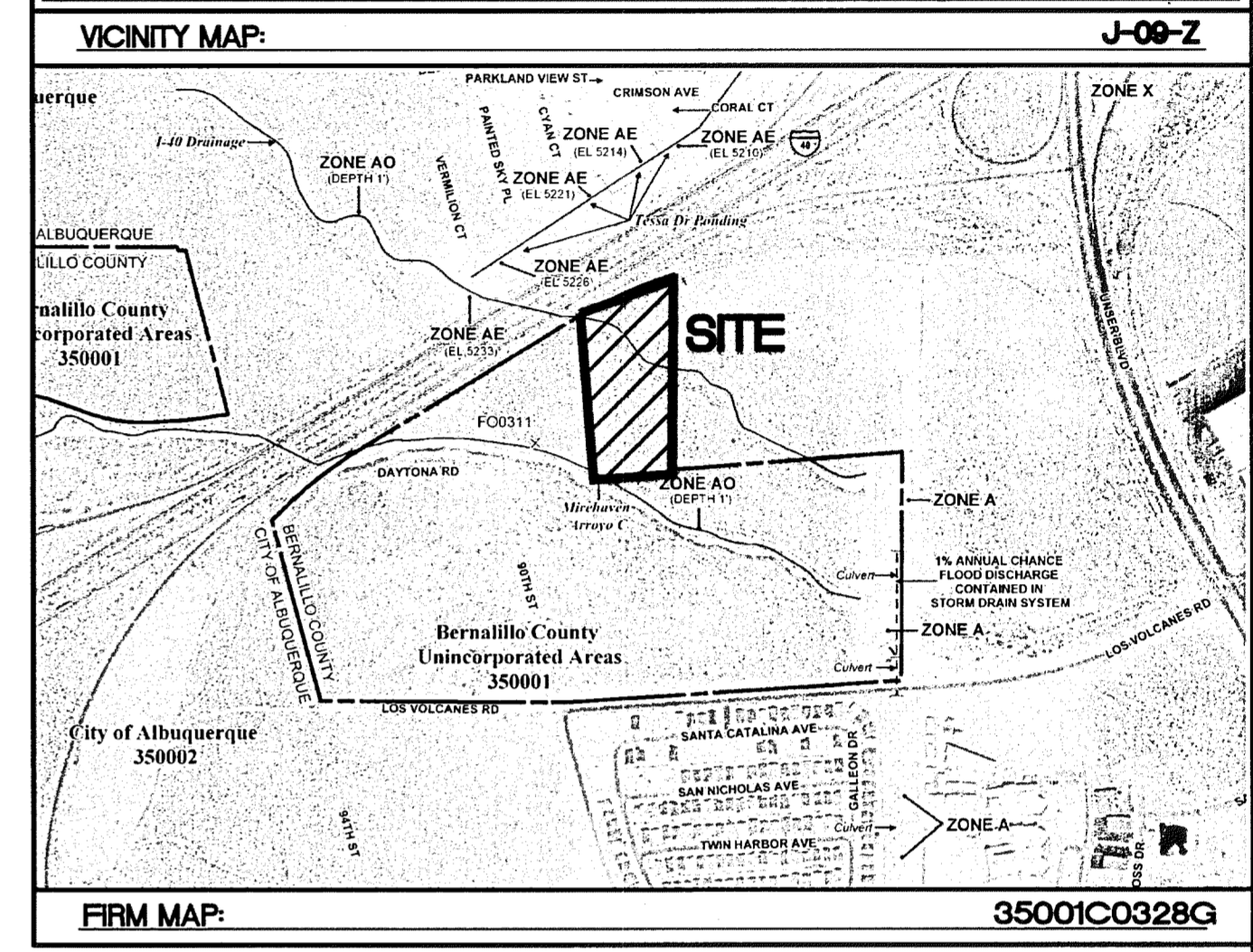
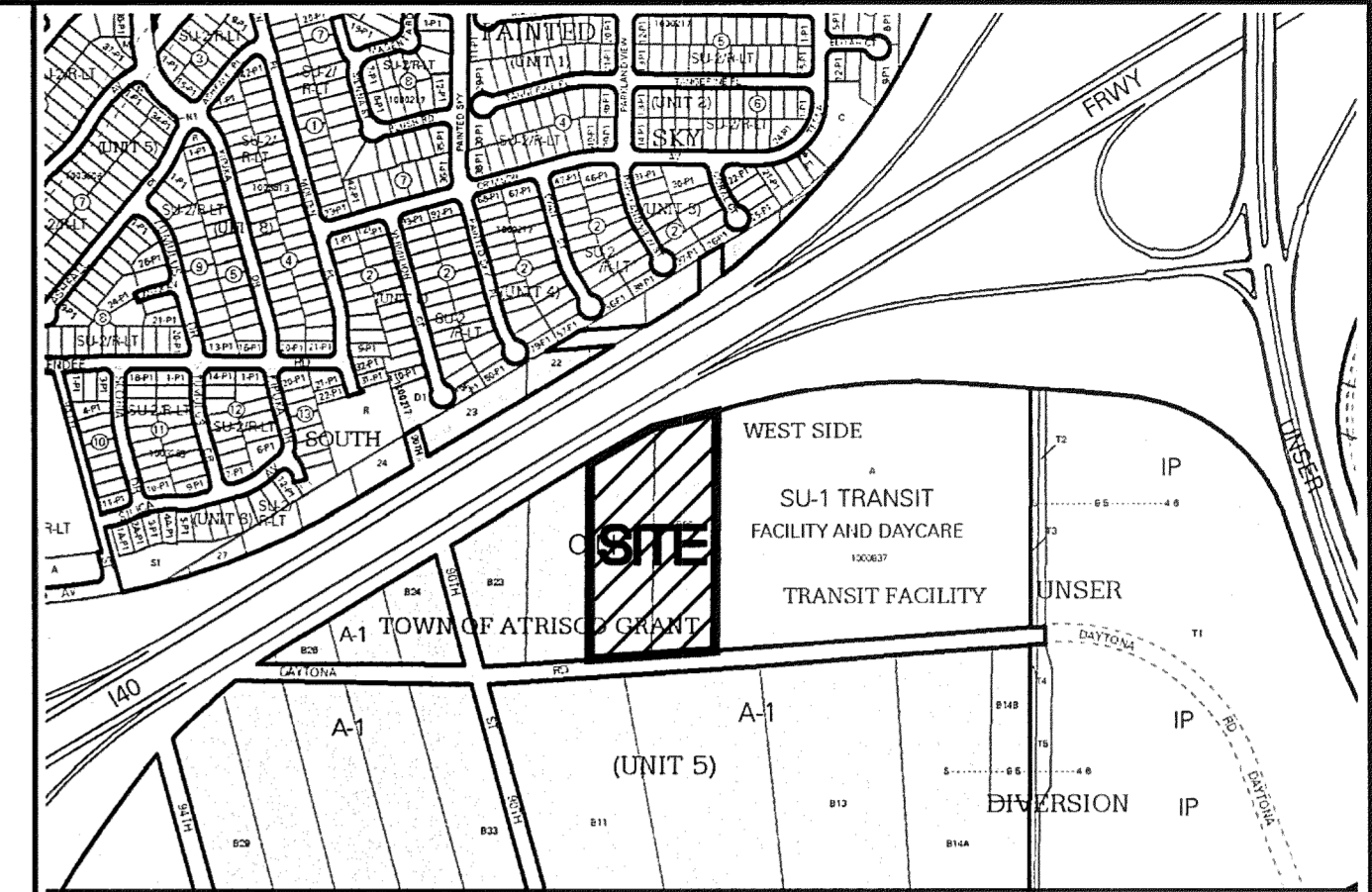
	BRUCKNERS TRUCK SALES GRADING AND DRAINAGE CONTOURS	DRAWN BY BJF DATE 12/10/12 2011073_GRB
	TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierrawestllc.com	SHEET # C2.1
	CITY PROJECT No. 655782	SHEET OF 03.1 09



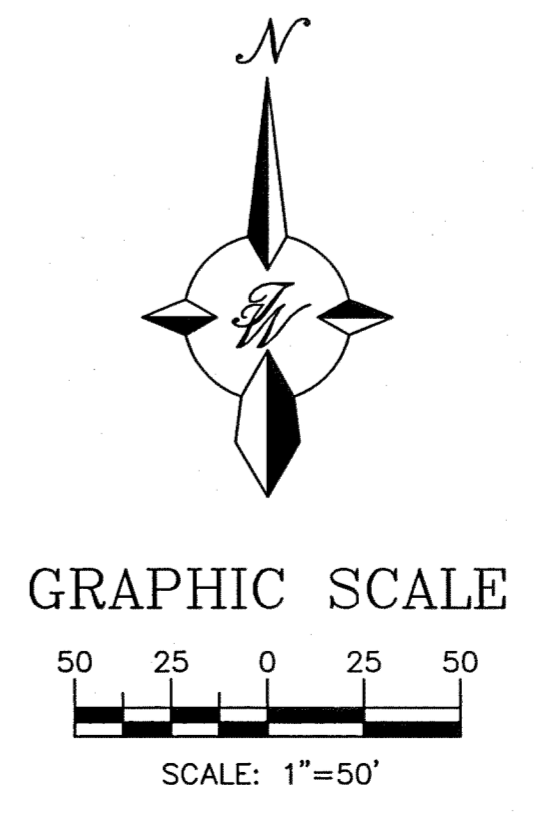
LEGEND

	CURB & GUTTER
	BOUNDARY LINE
	EASEMENT
	CENTERLINE
	RIGHT-OF-WAY
	BUILDING
	SIDEWALK
	SCREEN WALL
	RETAINING WALL
	CONTOUR MAJOR
	CONTOUR MINOR
	SPOT ELEVATION
	FLOW ARROW
	EXISTING CURB & GUTTER
	EXISTING BOUNDARY LINE
	EXISTING CONTOUR MAJOR
	EXISTING CONTOUR MINOR
	EXISTING SPOT ELEVATION

- KEYED NOTE:**
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 - (K) ADA RAMP "C" (SEE DETAIL SHEET C7)

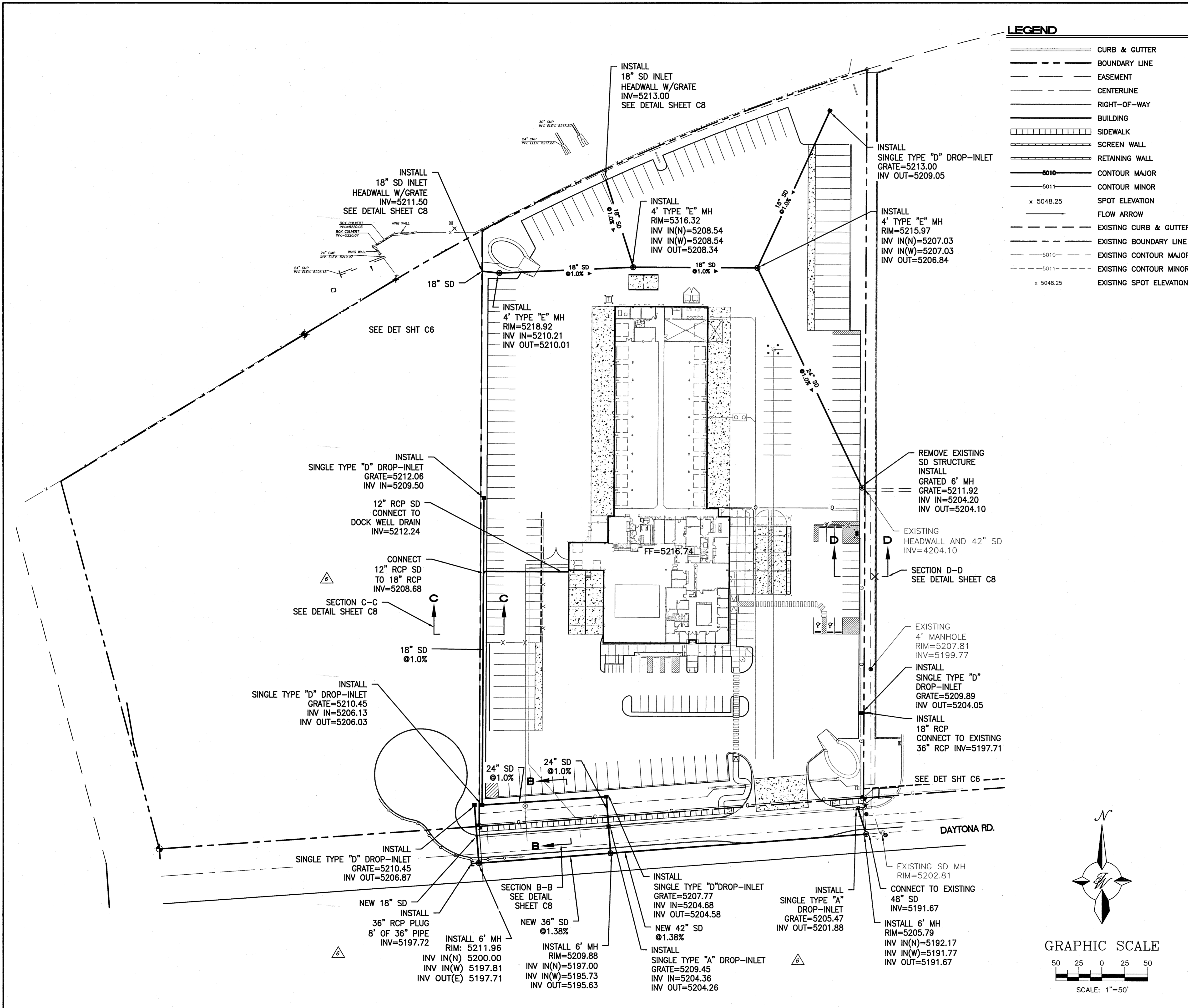


FOR INFORMATION ONLY



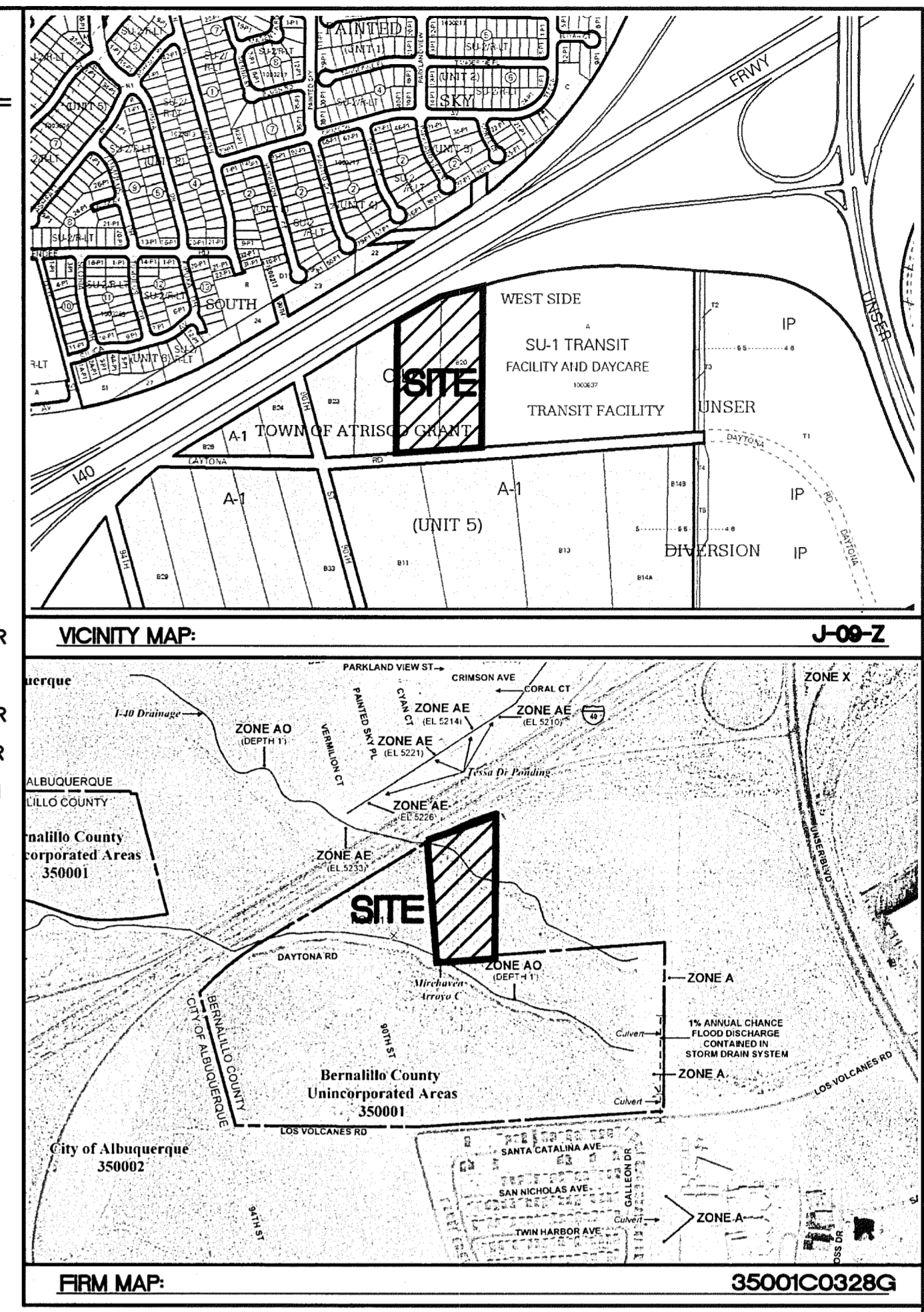
ROUGH GRADING APPROVAL _____ DATE _____

NO.	DATE	REMARKS	PE BY
1	10/22/12	ADDED SPOT ELEVATIONS AT TRUCK DISPLAY PADS ADJUSTED PAD HEIGHT (NORTHWEST)	PE
REVISIONS			
ENGINEER'S SEAL		DRAWN BY	
		BRUCKNERS TRUCK SALES	
		DATE 12/10/12	
		GRADING AND DRAINAGE SPOT ELEVATIONS	
		2011073_GRB	
		SHEET #	
		C2.2	
		JOB #	
		2011073	



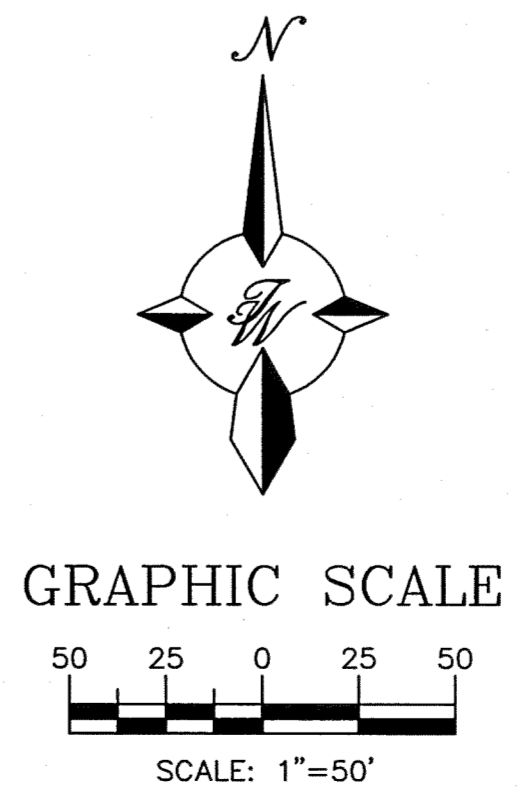
LEGEND

---	CURB & GUTTER
---	BOUNDARY LINE
---	EASEMENT
---	CENTERLINE
---	RIGHT-OF-WAY
---	BUILDING
---	SIDEWALK
---	SCREEN WALL
---	RETAINING WALL
5010	CONTOUR MAJOR
5011	CONTOUR MINOR
x 5048.25	SPOT ELEVATION
---	FLOW ARROW
---	EXISTING CURB & GUTTER
---	EXISTING BOUNDARY LINE
5010	EXISTING CONTOUR MAJOR
5011	EXISTING CONTOUR MINOR
x 5048.25	EXISTING SPOT ELEVATION

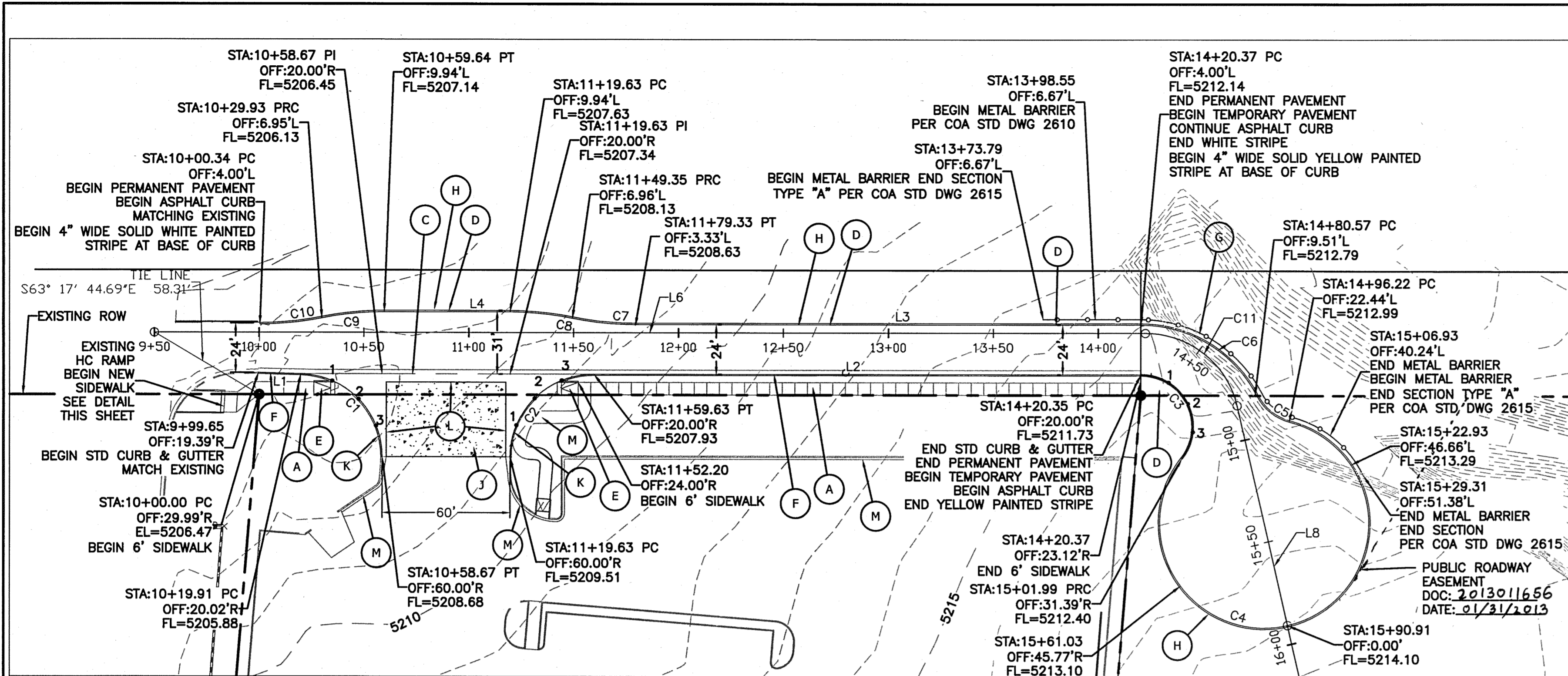


FOR INFORMATION ONLY

ROUGH GRADING APPROVAL _____ DATE _____



NO.	10/23/12	ADJUSTED SD INVERT AND GRATE ELEVATIONS INCLUDING DAYTONA STORM INLET TYPE	PE
DATE		REMARKS	BY
REVISIONS			
ENGINEER'S SEAL	BRUCKNERS TRUCK SALES		DRAWN BY
	GRADING AND DRAINAGE STORM DRAIN		DATE
	TERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierrawestllc.com		2011073_GRB
			SHEET #
			C2.3
			JOB #
			2011073



*** DAYTONA ROAD STATIONING ALIGNMENT - LINE & CURVE DATA**

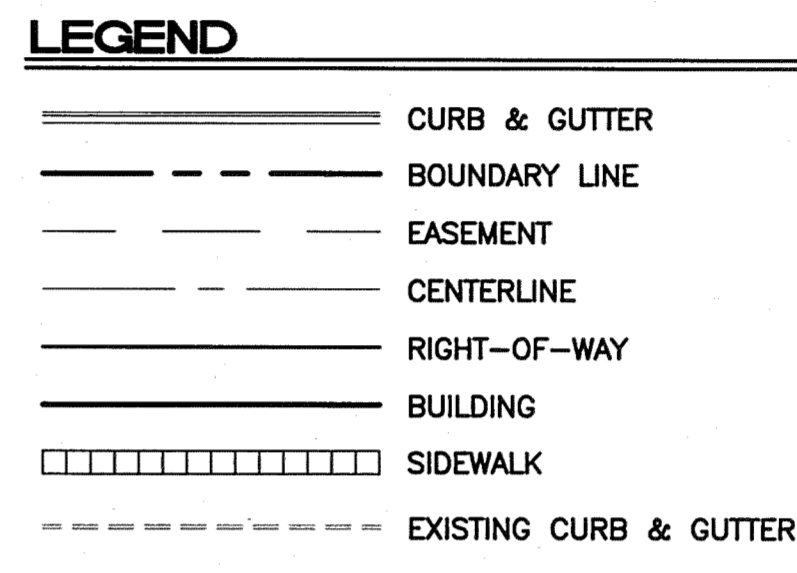
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C1	61.59	40.00	88.22	S48° 22' 03"E	55.88
C2	62.83	40.00	90.00	N40° 44' 27"E	56.57
C3	55.91	25.00	128.13	S30° 10' 40"E	44.96
C4	256.36	50.00	293.76	S67° 00' 11"W	54.64
C5	21.27	25.00	48.75	N55° 30' 22"W	20.63
C6	68.31	62.00	63.13	S62° 41' 46"E	64.90
C7	29.90	150.00	11.42	N88° 32' 51"W	29.85
C8	29.91	150.00	11.43	S88° 32' 56"E	29.86
C9	29.89	150.00	11.42	N80° 01' 48"E	29.84
C10	29.90	150.00	11.42	S80° 01' 52"W	29.85
* C11	60.51	45.00	77.04	N55° 44' 24"W	56.05

Line #	Length	Direction
L1	20.28	N87° 31' 28.27"E
L2	260.74	S85° 44' 30.02"W
L3	241.39	S85° 44' 28.17"W
L4	59.83	S85° 44' 19.19"W
* L6	472.51	S85° 44' 27.25"W
* L8	157.89	N17° 13' 14.43"W

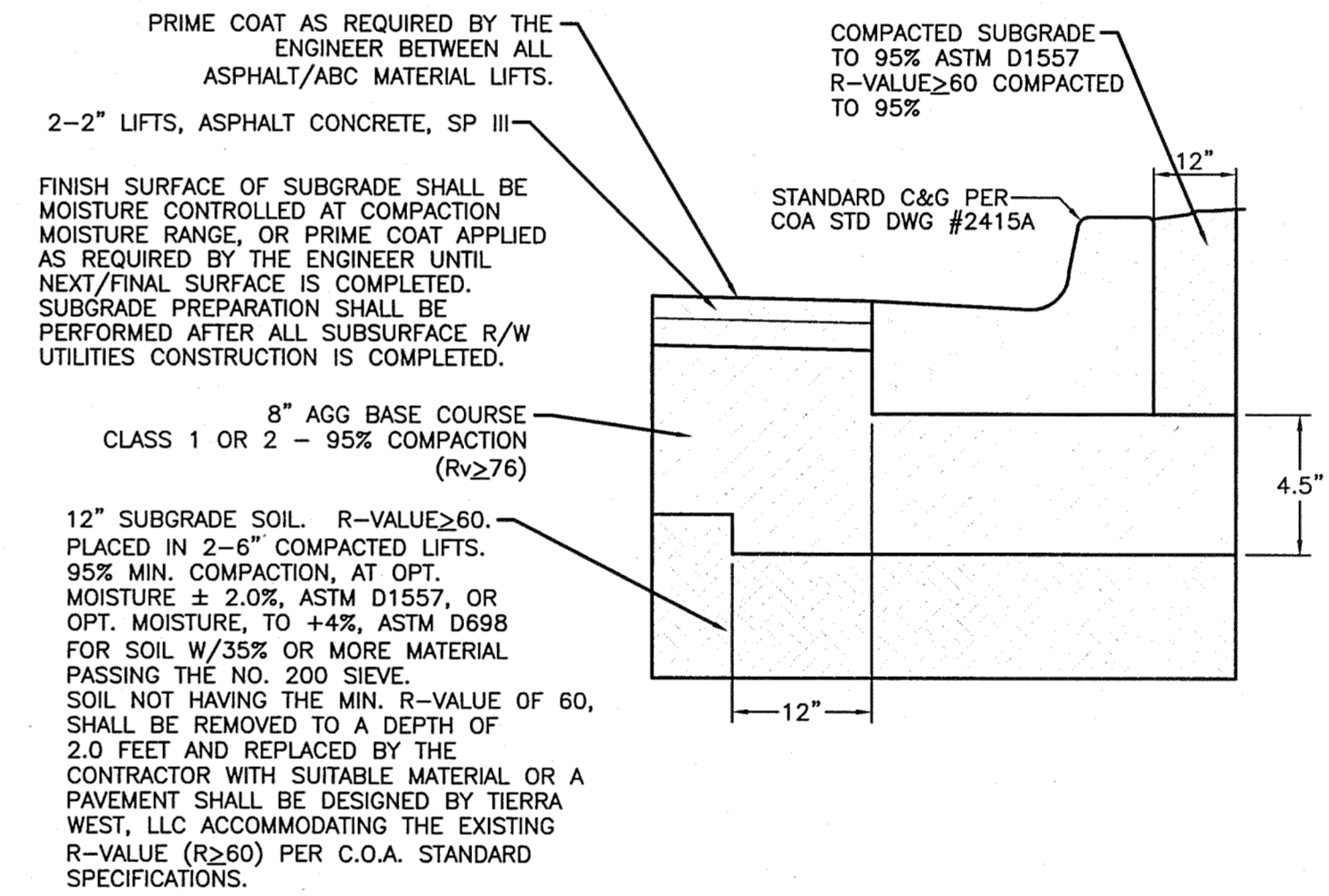
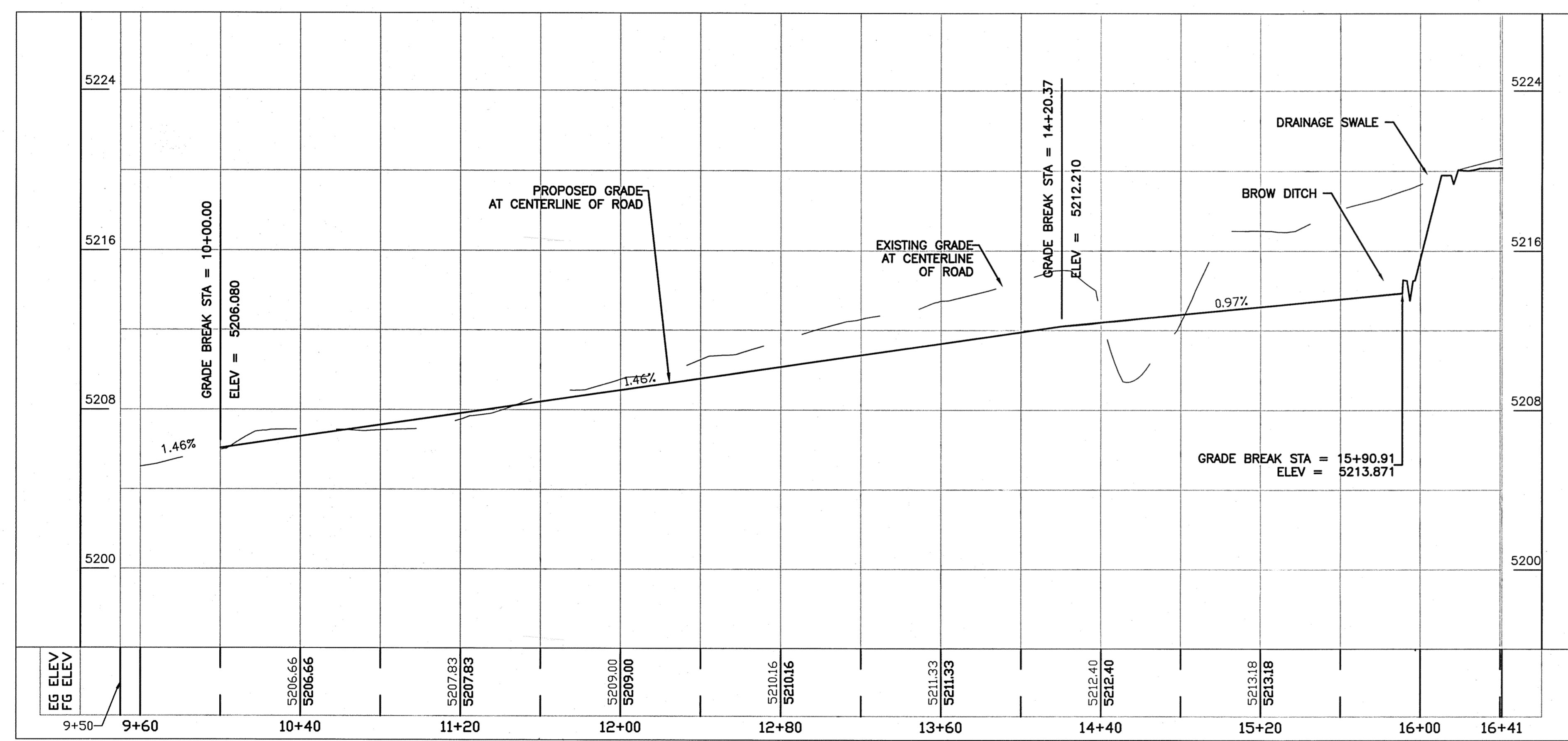
QUARTER POINTS

C1	FL	ELEV.	C2	FL	ELEV.	C3	FL	ELEV.
	1	5206.58	3	5208.32	1	5211.90		
	2	5207.28	2	5208.72	2	5212.07		
	3	5207.98	1	5209.11	3	5212.23		

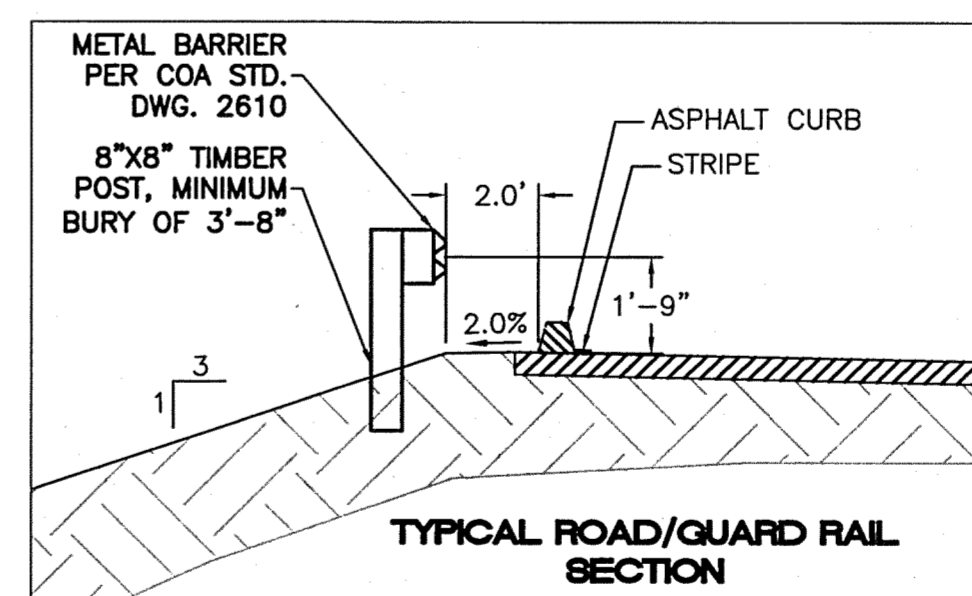
- KEYED NOTE:**
- (A) 6" CONC. SIDEWALK PER COA DWG 2430
 - (C) 6" VALLEY GUTTER PER COA STD DWG 2420
 - (D) CONTRACTOR TO PROVIDE 6:1 MAX SLOPE BACK TO EXISTING GRADE
 - (E) UNIDIRECTIONAL HC RAMP (SEE DETAIL SHEET 09)
 - (F) STANDARD CURB & GUTTER PER COA STD DWG 2415A
 - (G) 132' OF METAL BARRIER RAIL PER COA STD DWG. 2610
 - (H) ASPHALT CURB PER COA STD DWG 2415B
 - (J) CONCRETE PAVEMENT, 7" THICK PER GEOTECHNICAL REPORT (VINYARD & ASSOC. 12/3/11)
 - (K) 6" CURB
 - (L) DOWELED CONSTRUCTION JOINT, 24" OC, #5 BARS, 12" LONG
 - (M) ONSITE WORK BY OTHER CONTRACT



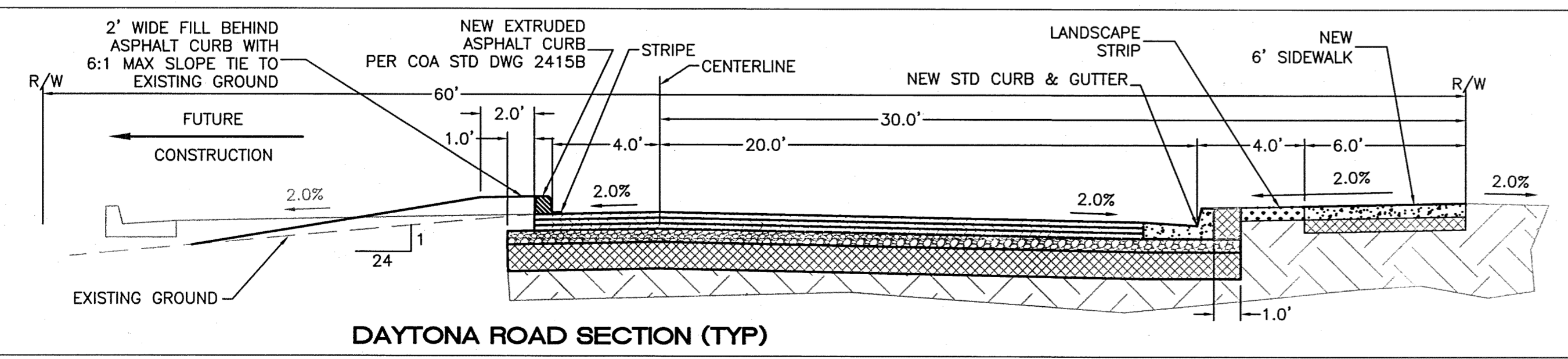
DAYTONA ROAD



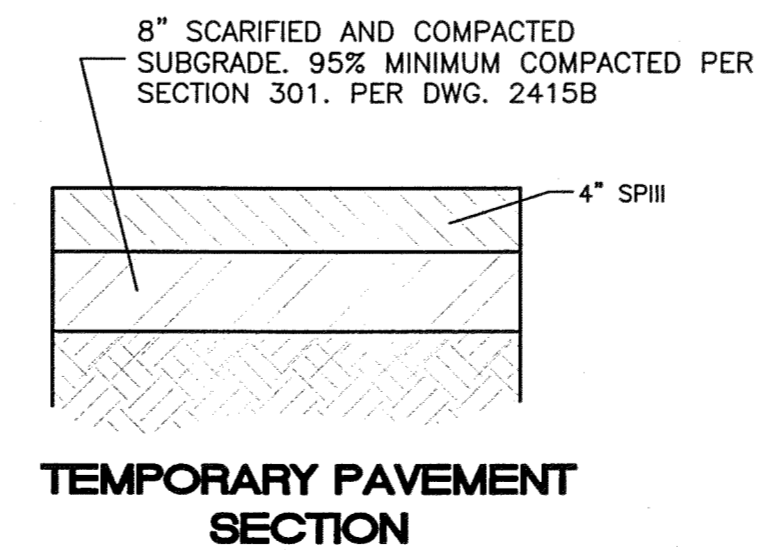
DAYTONA ROAD PAVING SECTION
NTS



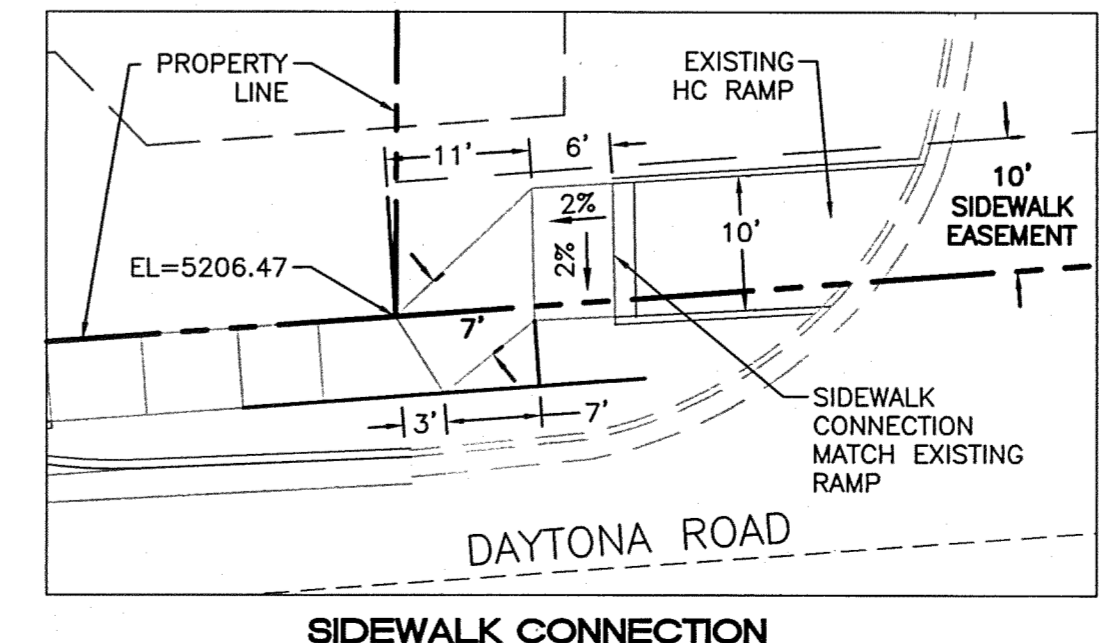
TYPICAL ROAD/GUARD RAIL SECTION



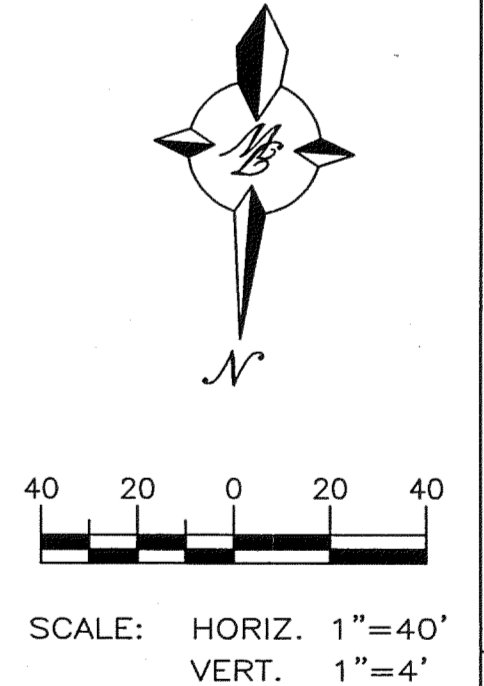
DAYTONA ROAD SECTION (TYP)



TEMPORARY PAVEMENT SECTION



SIDEWALK CONNECTION DETAIL



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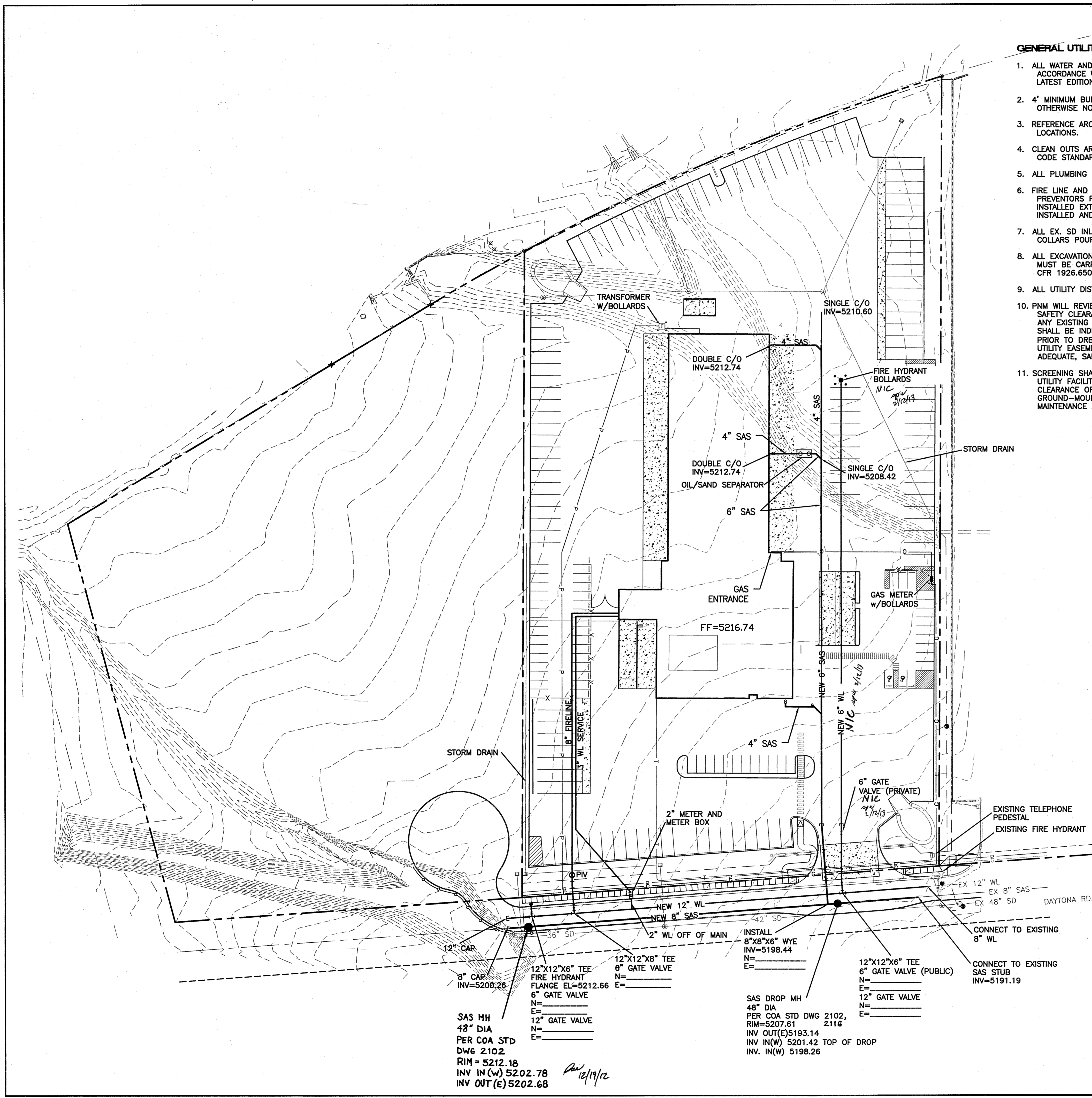
ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: BRUCKNER TRUCK SALES
ROAD IMPROVEMENTS
DAYTONA RD. STA: 10+00 TO 16+00

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED FEB 13 2013	APR 26 2013		
DESIGN REVIEW COMMITTEE	CITY ENGINEER	LAST DESIGN UPDATE	

CITY PROJECT NO. 655782 ZONE MAP NO. J-09-Z SHEET 04 OF 09

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	REWARD	CENTRAL STATION DATA	DATE	FIELD NOTES	NO.	REVISIONS	DATE
WORK STAKED BY	CENTRAL PLANE COORDINATES	DATE		BY		DESIGN	DATE: 08/2012
INSPECTED BY	NM STATE PLANE COORDINATES	DATE					DATE: 08/2012
FIELD CHECKED BY	CENTRAL ZONE (NAD 83)	DATE					DATE: 08/2012
VERIFICATION BY	X=1,487,364.063	DATE					DATE: 08/2012
CORRECTED BY	Y=1,491,190.819	DATE					DATE: 08/2012
RECORDED BY	G-G-0.999675005	DATE					DATE: 08/2012
NO.	D=0.17712.26						
	Elev=5319.688						



GENERAL UTILITY NOTES:

- ALL WATER AND SEWER UTILITY WORK TO BE DONE IN ACCORDANCE WITH COA STANDARDS AND SPECIFICATIONS LATEST EDITION.
- 4' MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS OTHERWISE NOTED.
- REFERENCE ARCHITECTURAL PLANS FOR WATER LINE RISER LOCATIONS.
- CLEAN OUTS ARE TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.
- ALL PLUMBING PIPE MATERIAL TO BE USED PER UPC.
- FIRE LINE AND DOMESTIC WATERLINE MUST HAVE BACKFLOW PREVENTORS PER UPC. IF BACKFLOW PREVENTOR IS INSTALLED EXTERIOR OF BUILDING A HOT BOX SHALL BE INSTALLED AND USED.
- ALL EX. SD INLETS AND MH SHALL HAVE CONCRETE COLLARS POURED AND BE ADJUSTED TO FINISHED GRADE.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- ALL UTILITY DISTANCES SHOWN ARE FOR REFERENCE ONLY.
- PNM WILL REVIEW ALL TECHNICAL NEEDS, ISSUES AND SAFETY CLEARANCES FOR ITS ELECTRIC POWER SYSTEMS. ANY EXISTING AND PROPOSED PUBLIC UTILITY EASEMENTS SHALL BE INDICATED ON THE SITE PLAN UTILITY SHEET PRIOR TO DRB REVIEW. PNM'S STANDARD FOR PUBLIC UTILITY EASEMENTS IS 10 FEET IN WIDTH TO ENSURE ADEQUATE, SAFE CLEARANCES.
- SCREENING SHALL BE DESIGNED TO ALLOW FOR ACCESS TO UTILITY FACILITIES. IT IS NECESSARY TO PROVIDE ADEQUATE CLEARANCE OF TEN FEET SURROUNDING ALL GROUND-MOUNTED UTILITIES FOR SAFE OPERATION, MAINTENANCE AND REPAIR PURPOSES.

LEGEND

- CURB & GUTTER
- - - BOUNDARY LINE
- - - EASEMENT
- - - CENTERLINE
- - - RIGHT-OF-WAY
- ▭ BUILDING
- ▨ SIDEWALK
- - - EXISTING CURB & GUTTER
- - - EXISTING BOUNDARY LINE
- - - 36" SD
- - - 8" SAS
- - - 8" WL
- SINGLE CLEAN OUT
- ⊙ DOUBLE CLEAN OUT
- ⊙ EXISTING SD MANHOLE
- ⊙ EXISTING INLET
- ⊙ EXISTING SAS MANHOLE
- ⊙ EXISTING FIRE HYDRANT
- ⊙ EXISTING WATER METER
- ⊙ EXISTING POWER POLE
- ⊙ EXISTING GAS VALVE
- - - EXISTING OVERHEAD UTILITIES
- - - EX. USE
- - - EX. 2" GAS
- - - EX. 8" SAS
- - - EX. 10" WL
- - - EX. 18" RCP
- G EXISTING GAS LINE
- P EXISTING POWER LINE
- G PROPOSED GAS LINE
- P PROPOSED POWER LINE

NIC
Not In Contract
(Non-work order item)
sgw 2/12/13

CAUTION:

ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

TIERRA WEST, LLC
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ALBUQUERQUE, NM 87109
(505)858-3100
www.tierwestllc.com

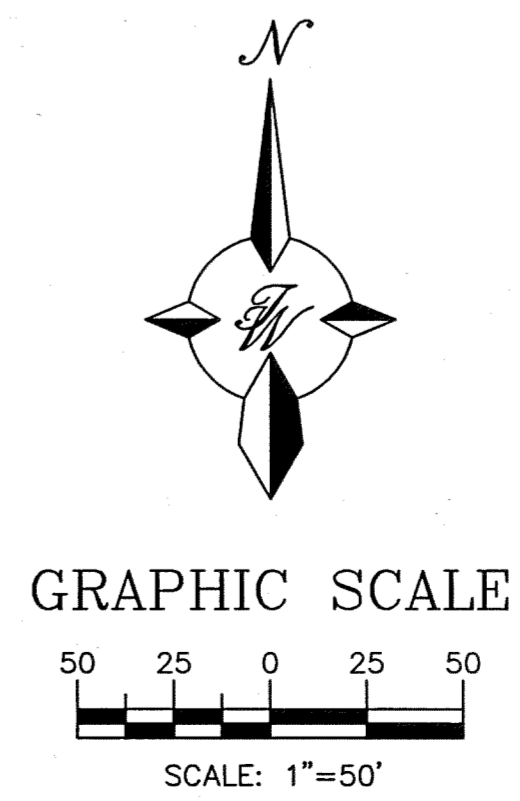
ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **BRUCKNER TRUCK SALES**
MASTER UTILITY PLAN
DAYTONA RD 10+00 TO 16+00

DESIGN REVIEW COMMITTEE APPROVED FEB 14 2013
CITY ENGINEER APPROVAL APPROVED APR 26 2013

DESIGNED BY: PE DATE: 08/2012
DRAWN BY: BUF DATE: 08/2012
DRAWING NAME: 20111073_MUB JOB NO.: NUMBER
CHECKED BY: VC DATE: 08/2012

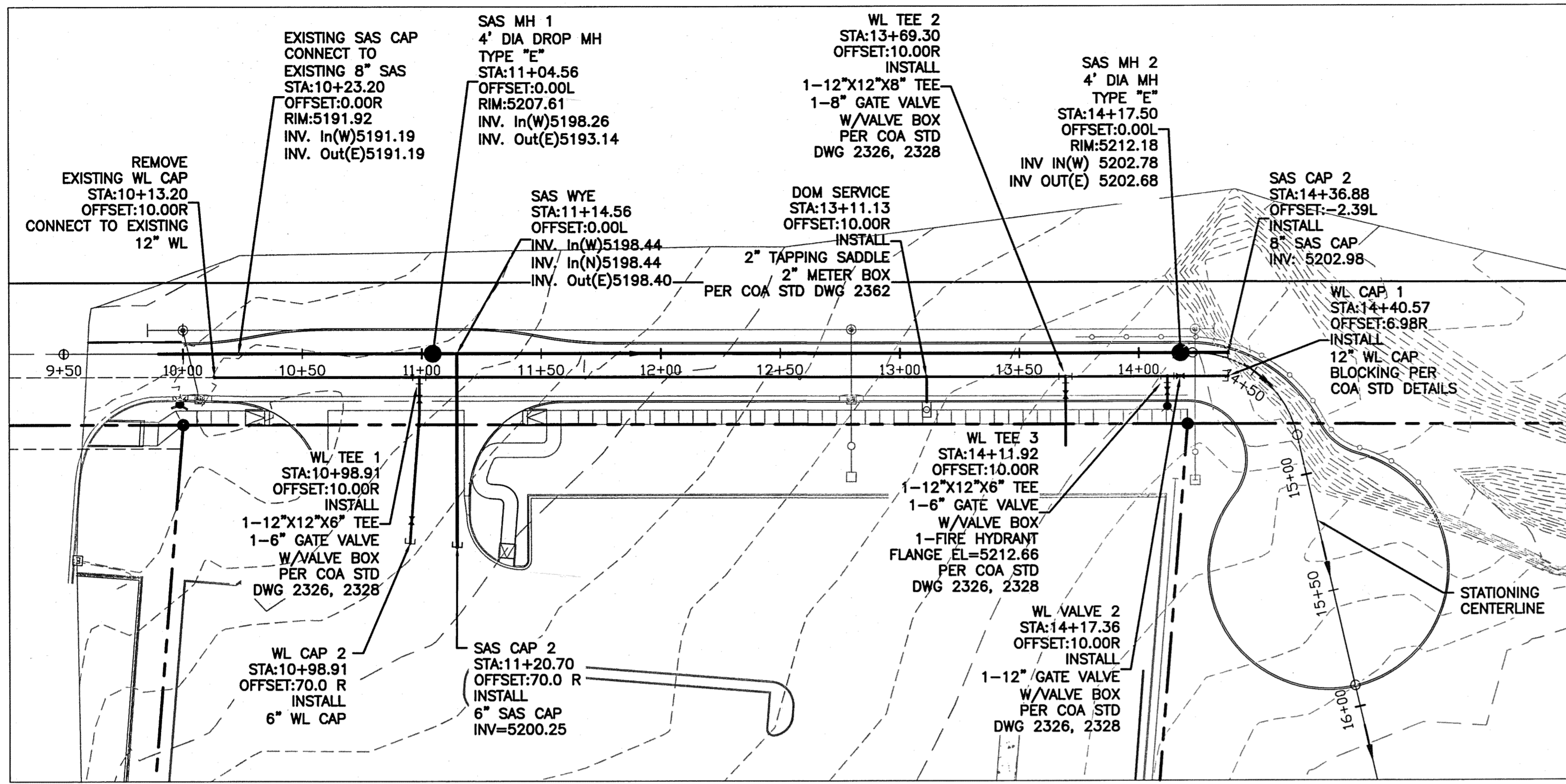
CITY PROJECT NO. 655782 ZONE MAP NO. J-09-Z SHEET 05 OF 09



AS BUILT INFORMATION	
CONTRACTOR	
WORK STARTED BY	
INSPECTOR'S DATE	
FIELD VERIFY BY	
VERIFICATION BY	
CORRECTED BY	
MICRO-FILM INFORMATION	
RECORDED BY	
NO.	

SURVEY INFORMATION	
REWARD	
CENTRAL STATION DATA	
NM STATE PLANE COORDINATES	
CENTRAL ZONE (NAD 83)	
X=1,487,364.063	
Y=1,491,190.819	
G-G=0.999675005	
Dg=0°17'12.26	
Elev=5319.688	

ENGINEER'S SEAL	
NO.	
BY	
DATE	
REVISIONS	
DESIGN	



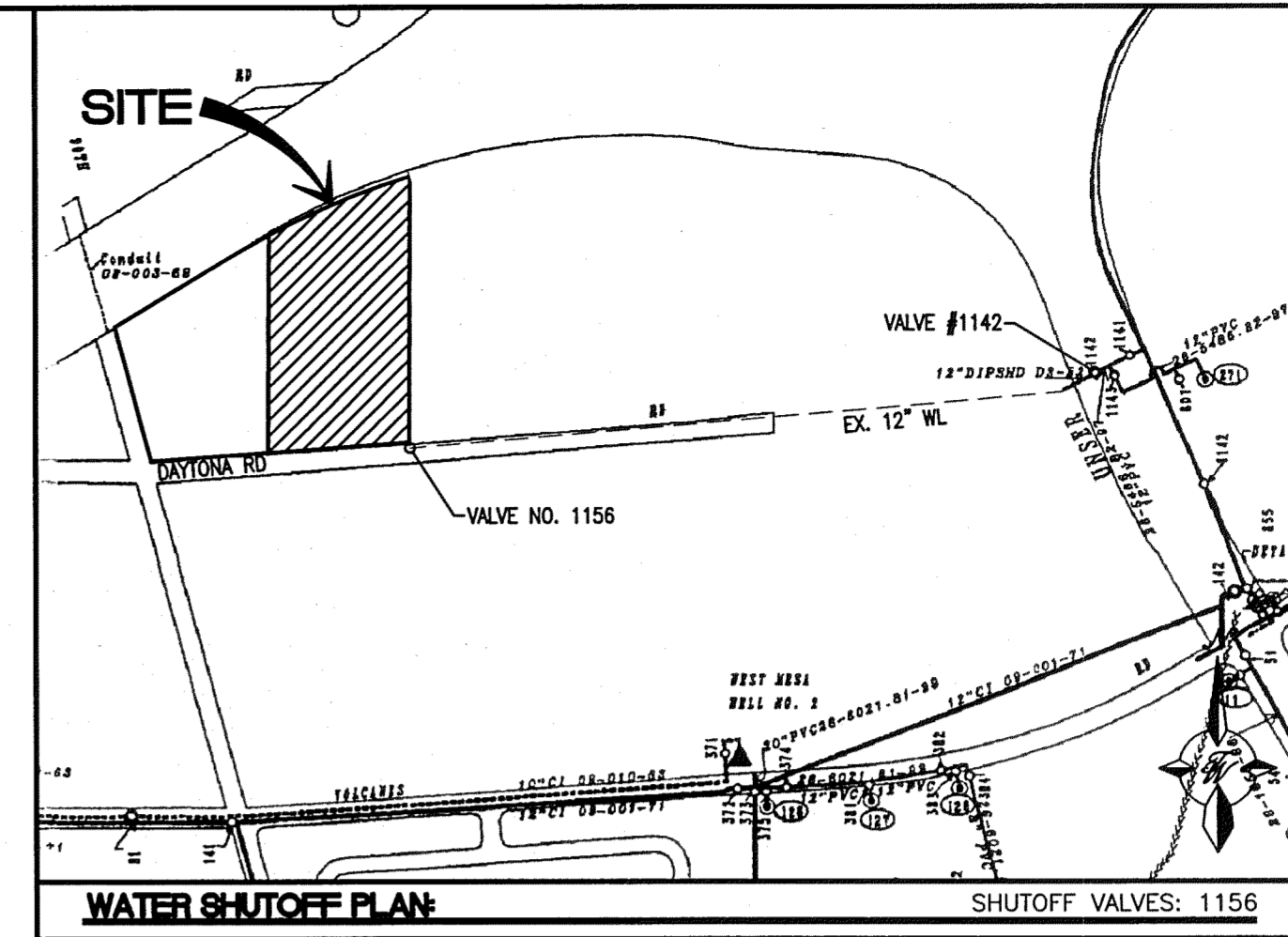
DAYTONA ROAD

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986.(UPDATE #8)
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 260-1990 (OR DIAL 811 LOCALLY), FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACK FILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

CAUTION:

ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.



NOTES:

1. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT [HTTP://ABCWUA.ORG/CONTENT/VIEW/463/729/](http://abcwua.org/content/view/full/463/729/).
2. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
3. SHUTOFF THE VALVES INDICATED IN THE ABOVE PLAN.

GENERAL NOTES:

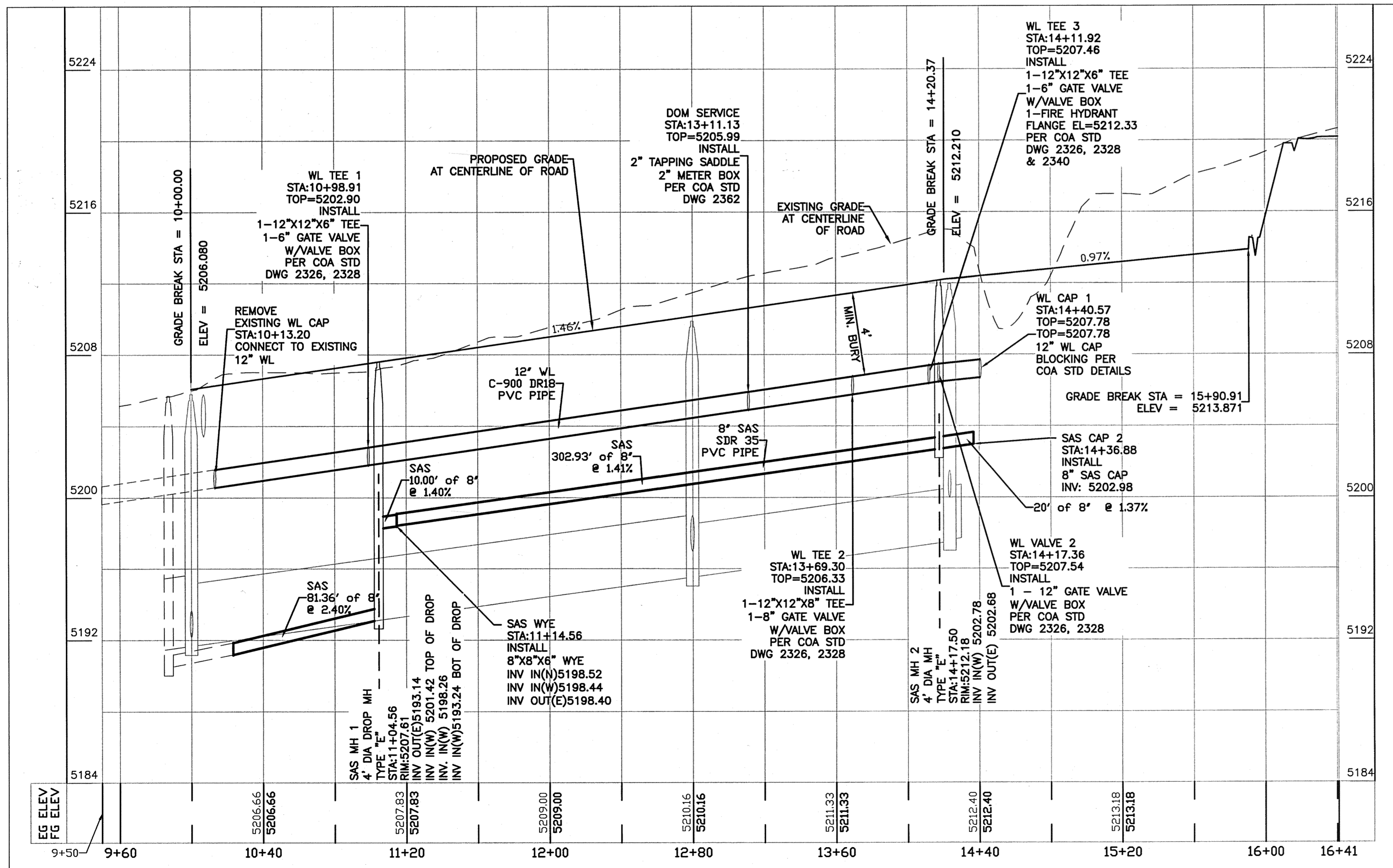
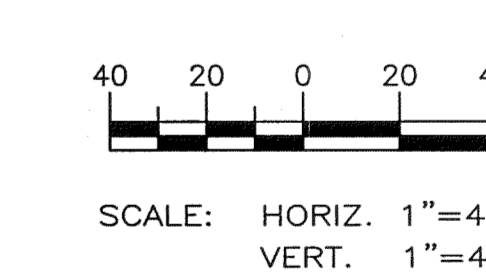
1. 4' MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS NOTED.
2. REFERENCE ARCHITECTURAL PLANS FOR WATER LINE RISER LOCATION.
3. ALL STUBS AND UTILITY LOCATIONS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
4. CLEAN OUTS TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.
5. SEE ARCHITECTURAL PLANS FOR LIGHTING CONDUITS AND TELEPHONE LINES.
6. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

NOTES:

1. BASIS OF STATIONING IS CENTERED ON STREET CENTERLINE
2. SEE SHEET 9 FOR RESTRAINING TABLE

LEGEND

- CURB & GUTTER
- BOUNDARY LINE
- - - EASEMENT
- - - CENTERLINE
- - - RIGHT-OF-WAY
- BUILDING
- SIDEWALK
- SCREEN WALL
- RETAINING WALL
- - - EXISTING CURB & GUTTER
- - - EXISTING BOUNDARY LINE
- 36" SD — STORM SEWER LINE
- 8" SAS — SANITARY SEWER LINE
- 8" WL — WATERLINE
- EXISTING SD MANHOLE
- EXISTING INLET
- EXISTING SAS MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING POWER POLE
- - - EXISTING OVERHEAD UTILITIES
- - - EX. UGE — EXISTING UNDERGROUND UTILITIES
- - - EX. 8" SAS — EXISTING SANITARY SEWER LINE
- - - EX. 10" WL — EXISTING WATER LINE
- - - EX. 18" RCP — EXISTING STORM SEWER LINE



AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	REWARD	NO.	NO.	BY	NO.	DATE
WORK BY	DATE	CENTRAL STATION DATA	DATE	FIELD NOTES	REMARKS	NO. <td>DATE</td>	DATE
SUBMITTED BY	DATE	NM STATE PLANE COORDINATES	DATE		REVISIONS	DESIGNED BY: PE	DATE: 08/2012
ACCEPTANCE BY	DATE	CENTRAL ZONE (NAD 83)	DATE		DESIGN	DRAWN BY: B/JF	DATE: 08/2012
FIELD ACTION BY	DATE	X=1,487,364.063	DATE			DRAWING NAME: 1011073-SH06-UT-DAYTONA RD	JOB NO.: NUMBER
DRAWINGS CORRECTED BY	DATE	Y=1,491,908.819	DATE			CHECKED BY: VC	DATE: 08/2012
MICRO-FILM INFORMATION	DATE	G-C=0.998675005	DATE				
RECORDED BY	DATE	Do=0°17'12.26	DATE				
NO.		Elev=5319.688					

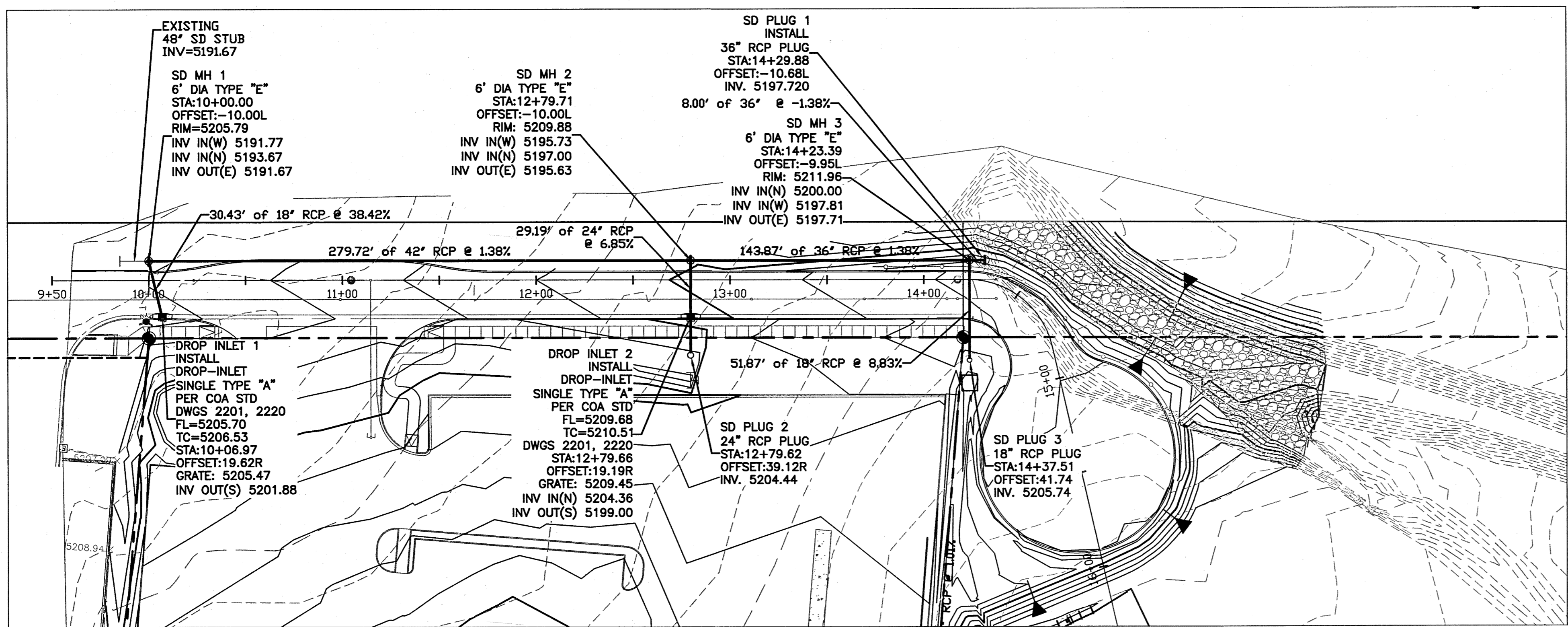
TIERRA WEST, LLC
5571 MIDWAY PARK PLACE NE
ALBUQUERQUE, NM 87109
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ENGINEERING GROUP

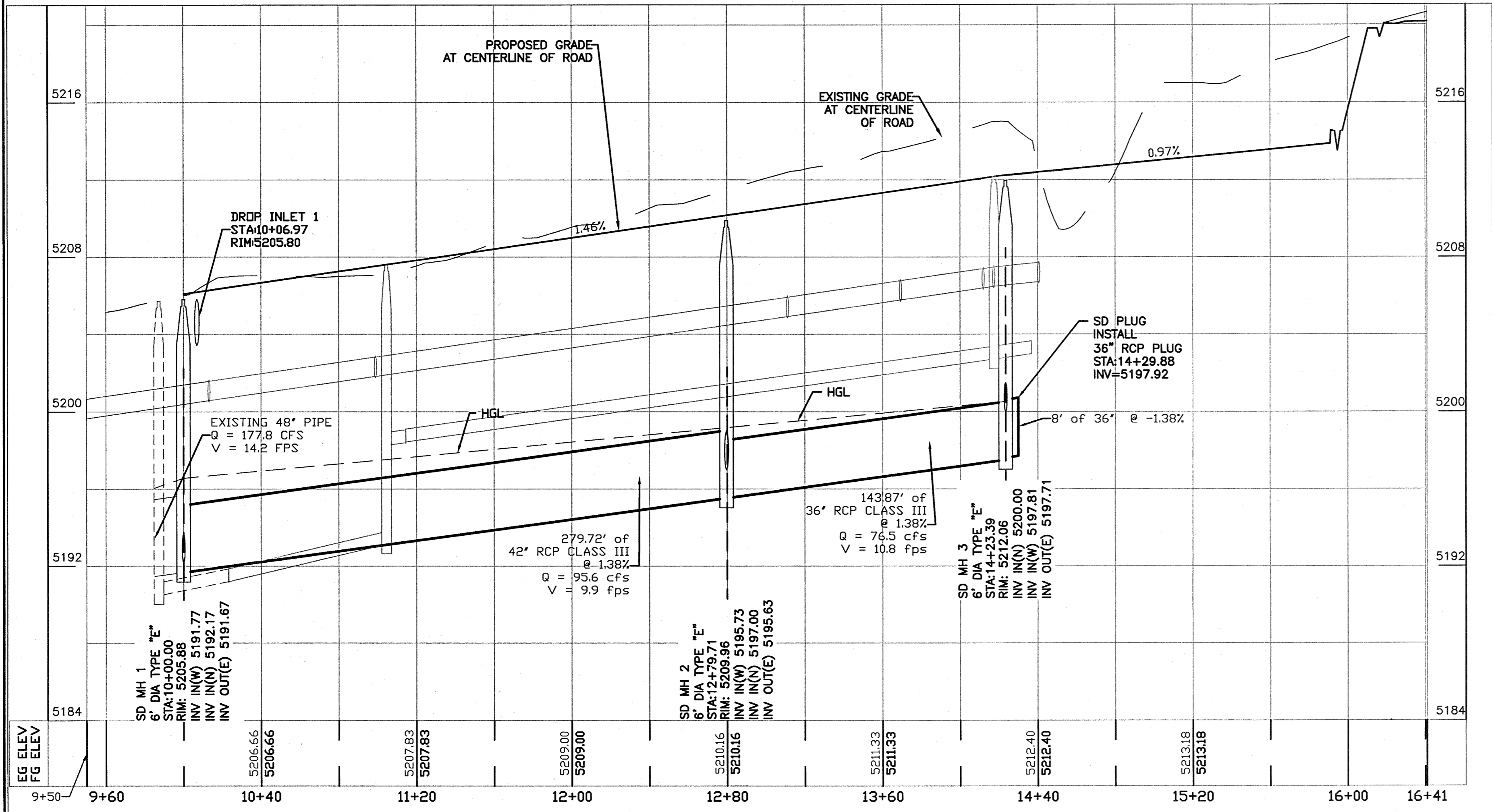
TITLE: **BRUCKNER TRUCK SALES**
UTILITY IMPROVEMENTS
DAYTONA RD 10+00 TO 16+00

DESIGN REVIEW COMMITTEE APPROVE FEB 14 2013
CITY ENGINEER APPROVE APR 26 2013

CITY PROJECT NO. 655782 ZONE MAP NO. J-09-Z SHEET 06 OF 09



DAYTONA ROAD

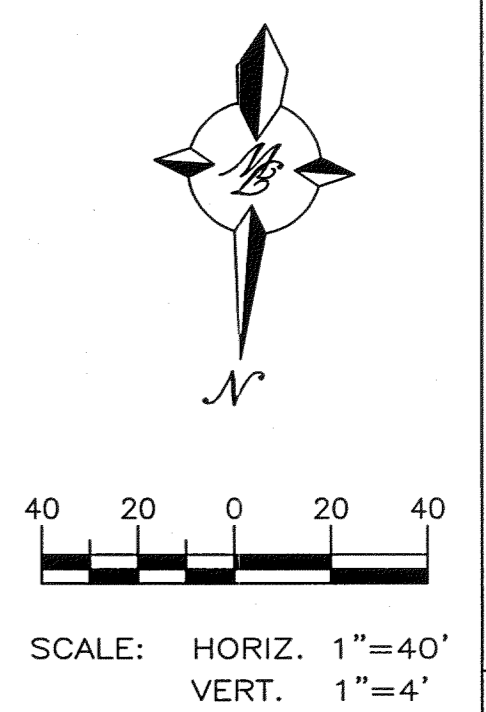


DAYTONA ROAD

GENERAL NOTES:
 1. BASIS OF STATIONING IS CENTERLINE OF DAYTONA RD.

- LEGEND**
- CURB & GUTTER
 - - - BOUNDARY LINE
 - - - EASEMENT
 - - - CENTERLINE
 - - - RIGHT-OF-WAY
 - ▭ BUILDING
 - ▨ SIDEWALK
 - - - EXISTING CURB & GUTTER
 - - - EXISTING BOUNDARY LINE

CAUTION:
 ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.



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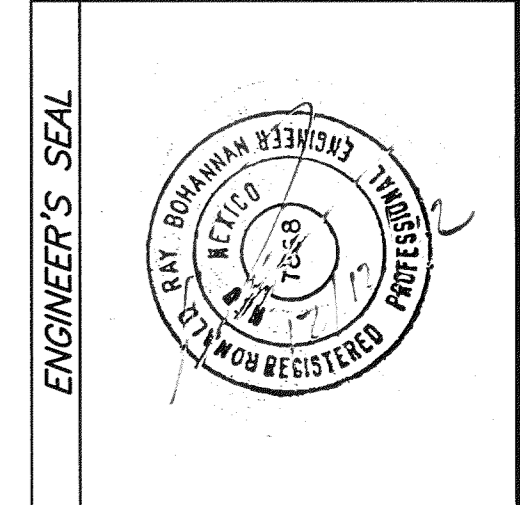
ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING GROUP

TITLE: **BRUCKNER TRUCK SALES**
 STORM DRAIN IMPROVEMENTS
 DAYTONA RD STA: 10+00 TO 16+00

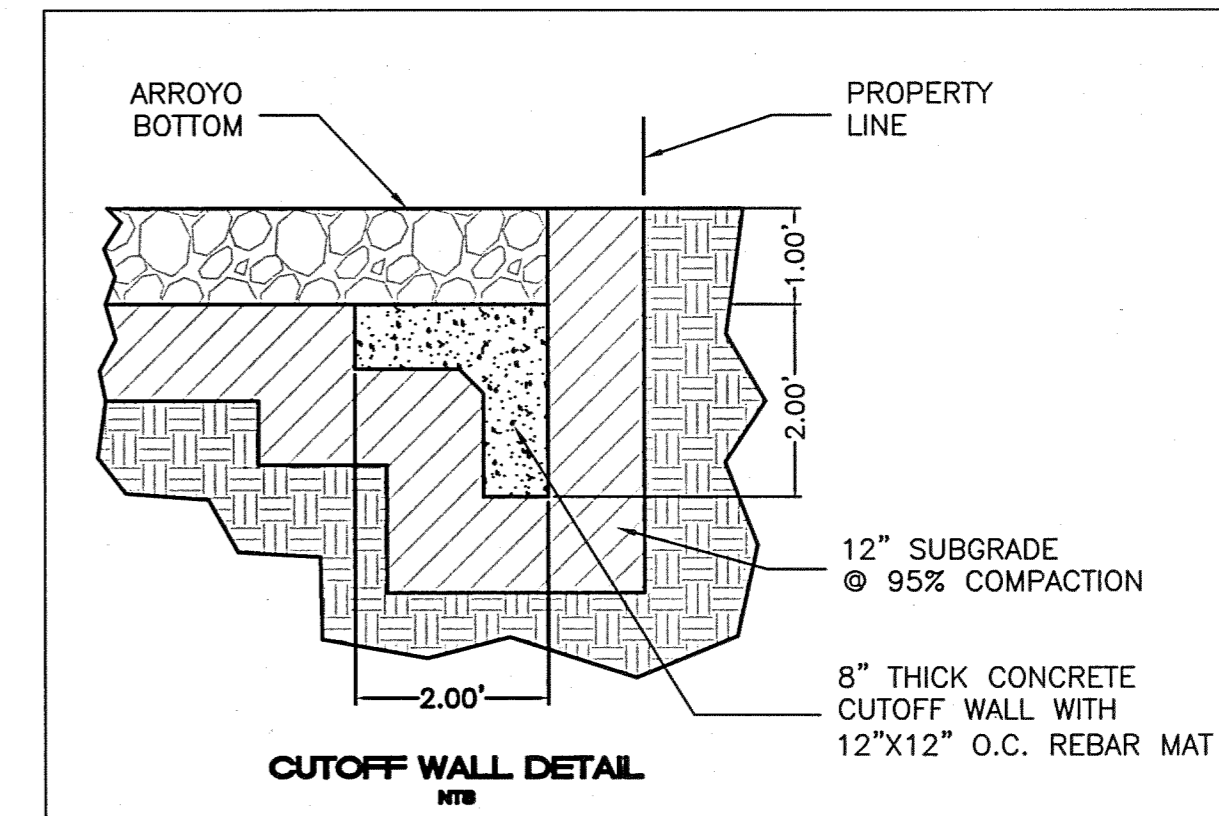
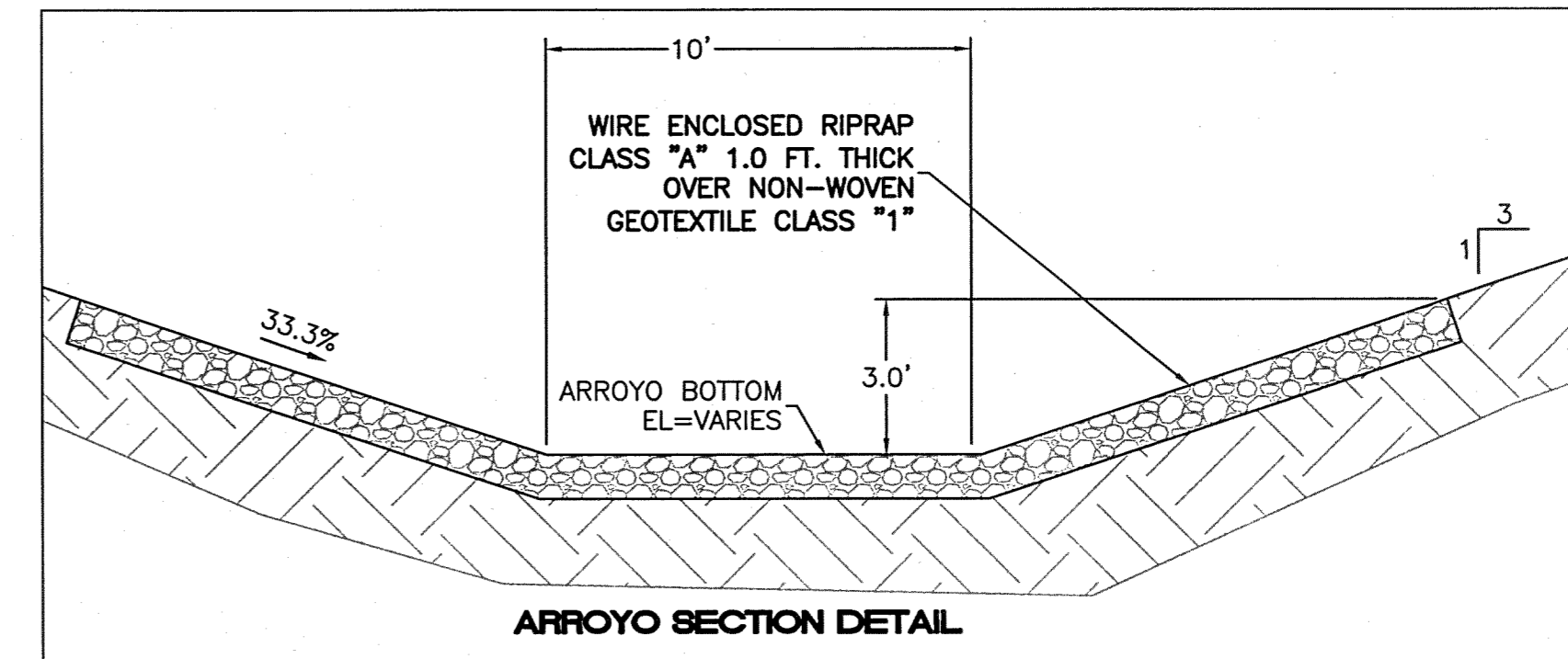
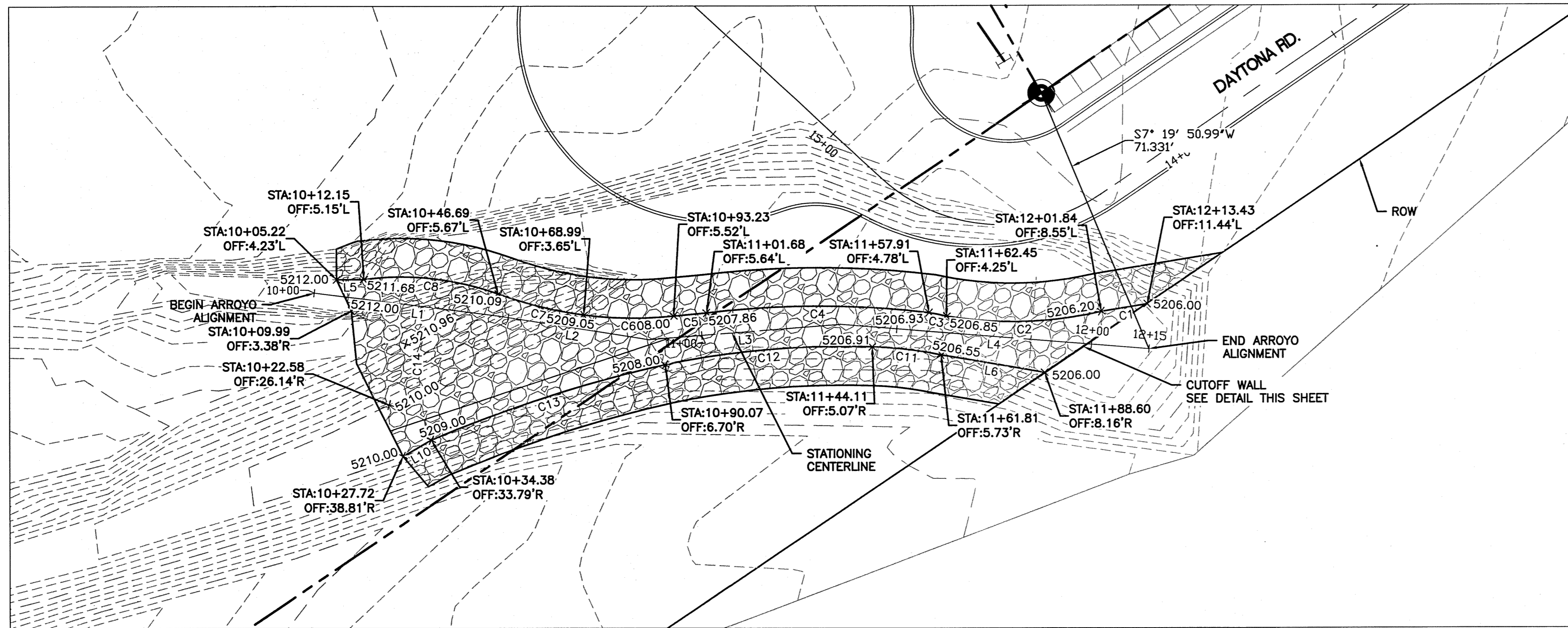
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED FEB 14 2013 DESIGN REVIEW COMMITTEE	APPROVED APR 26 2013 CITY ENGINEER		

CITY PROJECT NO. 655782 ZONE MAP NO. J-09-Z SHEET 07 OF 09

AS BUILT INFORMATION	
CONTRACTOR	REWARD
WORK STAGED BY	CENTRAL STATION DATA
FIELD ACCEPTANCE BY	NM STATE PLANE COORDINATES
DATE	CENTRAL ZONE (NAD 83)
DATE	X=1,487,364.083
DATE	Y=1,491,190.819
DATE	G=0.999675005
DATE	D=0°17'12.26
DATE	Elev=5319.688

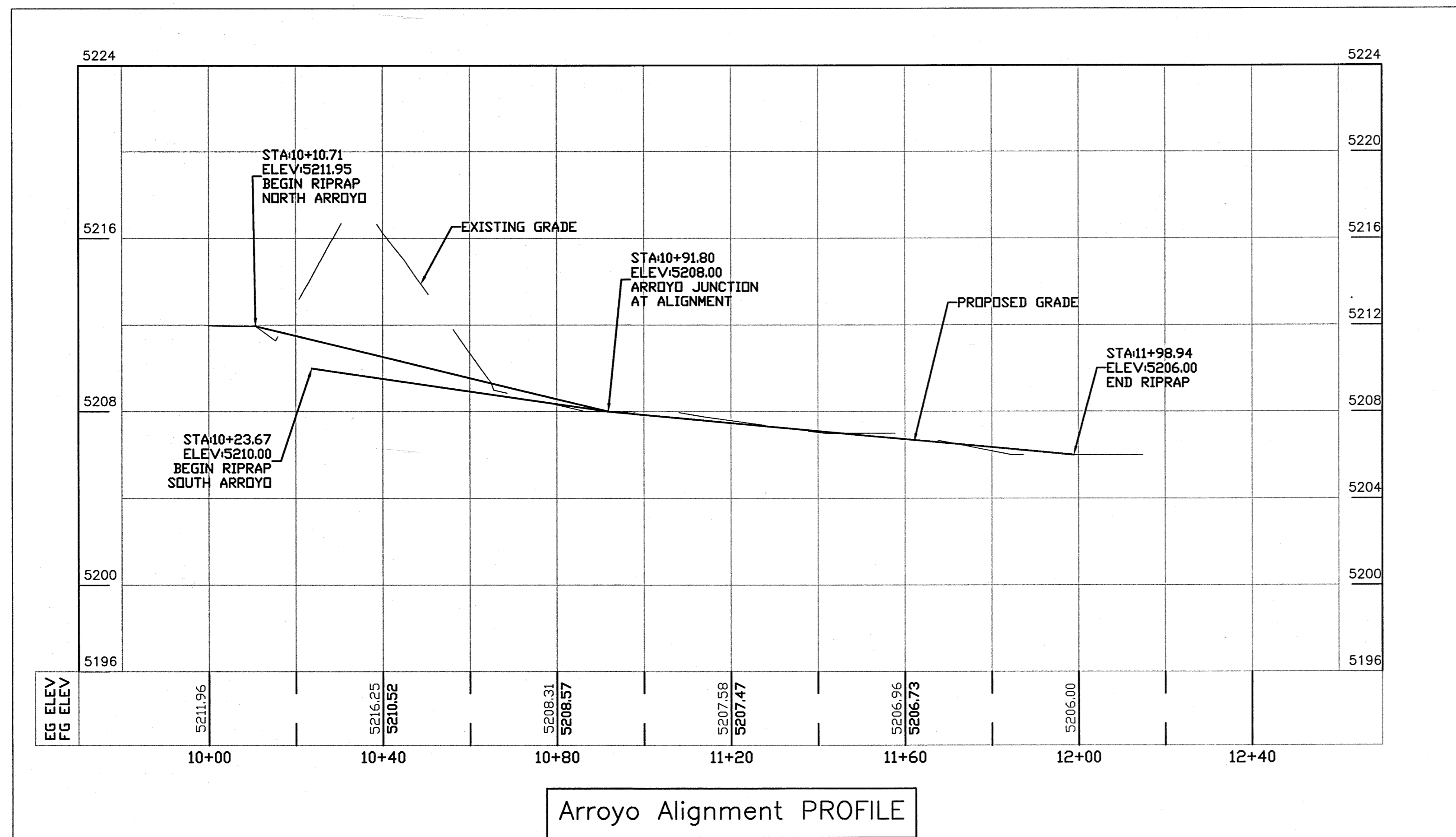


SURVEY INFORMATION	
FIELD NOTES	NO.
BY	DATE
REMARKS	BY
REVISIONS	NO.
DESIGN	DATE
DESIGNED BY: PE	DATE: 08/2012
DRAWN BY: BJF	DATE: 08/2012
DRAWING NAME: 20111073-SH07-SD-DAYTONA RD	JOB NO.: NUMBER
CHECKED BY: VC	DATE: 08/2012

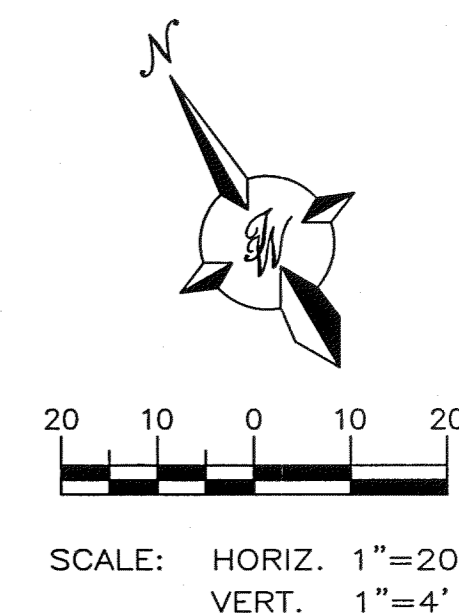


LINE AND CURVE TABLE
* ALIGNMENT

Line Table			Curve Table			
Line #	Length	Direction	Curve #	Length	Radius	Delta
* L1	47.525	S52° 48' 45.38"E	C1	11.950	1944.954	0.3520
* L2	38.885	S51° 00' 57.51"E	C2	39.882	100.000	22.8506
* L3	49.153	S64° 33' 17.06"E	C3	4.577	47.472	5.5242
* L4	79.213	S55° 23' 22.04"E	C4	57.020	235.273	13.8860
L5	6.989	N60° 24' 03.65"W	C5	8.452	687.085	0.7048
L6	26.893	N50° 12' 31.46"W	C6	23.052	100.027	13.2040
L10	8.346	N89° 50' 56.73"W	C7	22.610	100.027	12.9508
			C8	34.894	71.051	28.1386
			C11	17.740	97.237	10.4530
			C12	53.256	221.337	13.7858
			C13	63.013	345.079	10.4625
			C14	34.905	13.535	147.7595



- LEGEND**
- ===== CURB & GUTTER
 - BOUNDARY LINE
 - EASEMENT
 - CENTERLINE
 - RIGHT-OF-WAY
 - ===== BUILDING
 - ===== SIDEWALK
 - EXISTING CURB & GUTTER
 - EXISTING BOUNDARY LINE



CAUTION:
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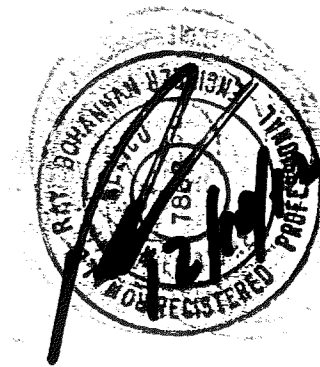
TITLE: **BRUCKNER TRUCK SALES**
ARROYO IMPROVEMENTS
10+00 TO 12+15

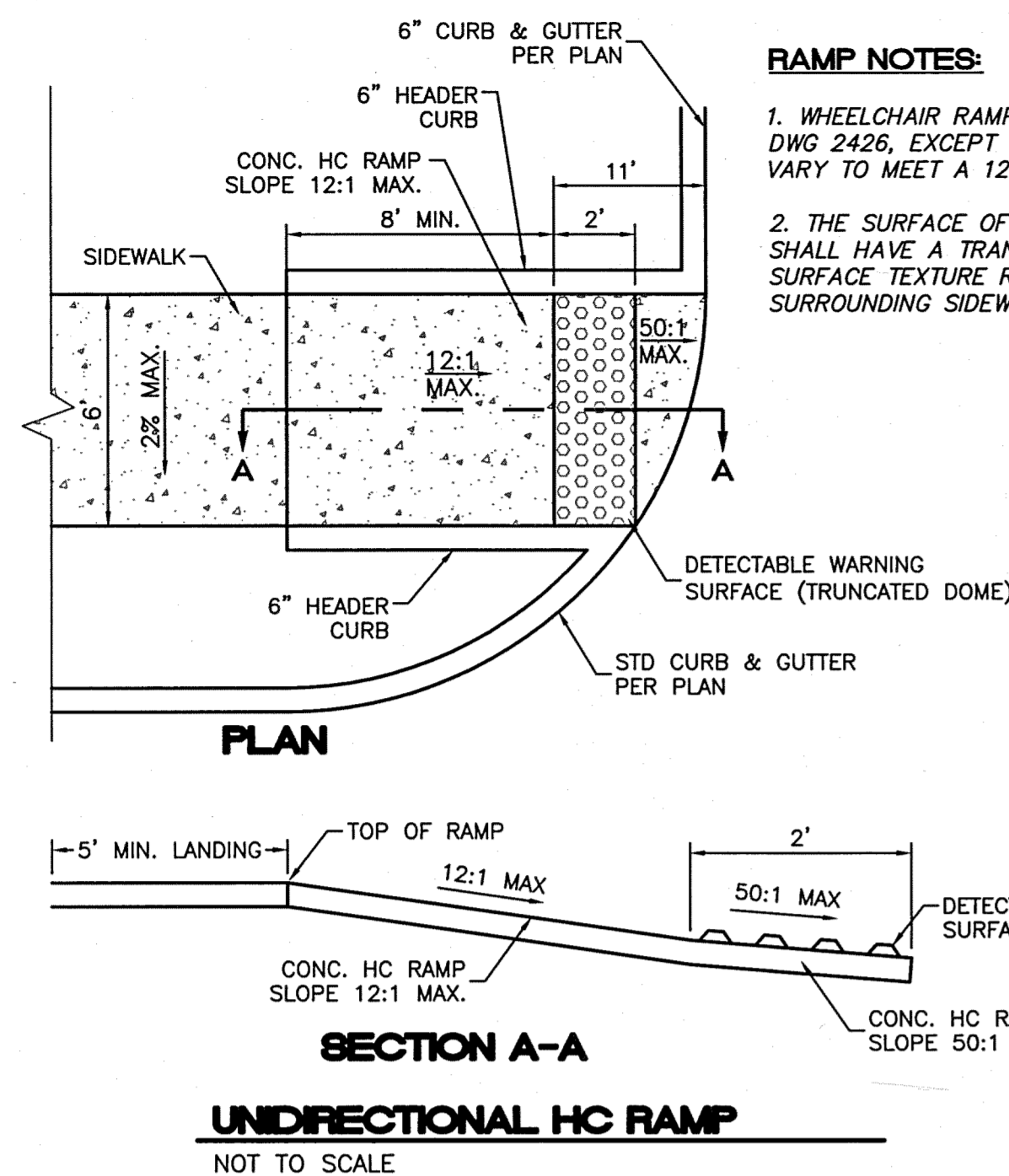
DESIGN REVIEW COMMITTEE: APPROVE FEB 14 2013
CITY ENGINEER APPROVAL: APPROVE APR 26 2013
LAST DESIGN UPDATE

DESIGNED BY: PE DATE: 08/2012
DRAWN BY: E/JF DATE: 08/2012
DRAWING NAME: 2011073-SH08-S0-ARROYO. JOB NO.: NUMBER
CHECKED BY: VC DATE: 08/2012

CITY PROJECT NO. 655782 ZONE MAP NO. J-09-Z SHEET 08 OF 09

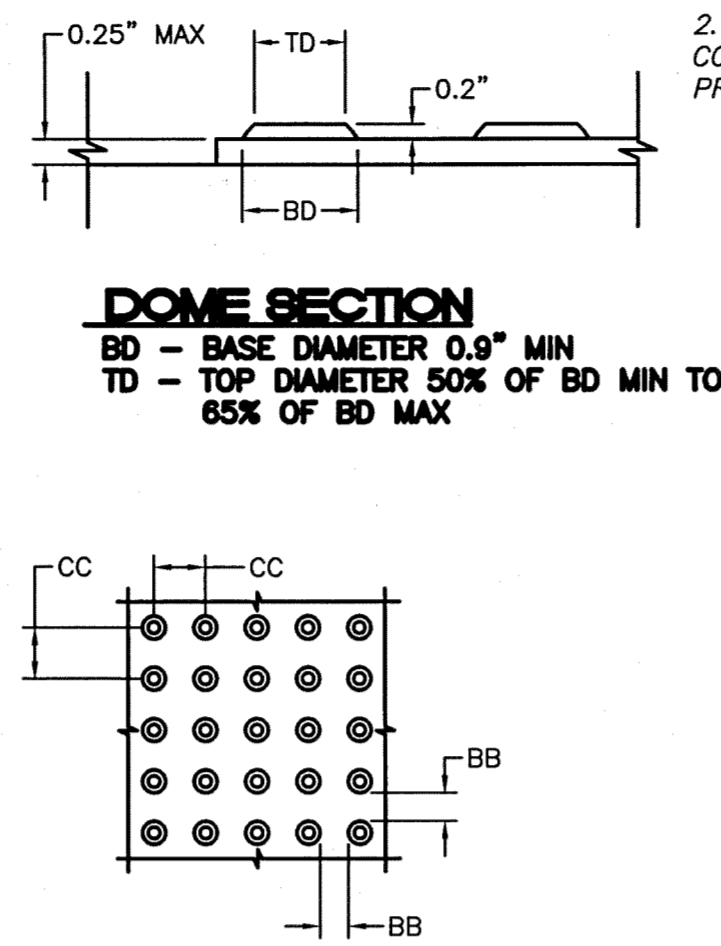
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	WORK STARTED BY	REWARD	CENTRAL STATION DATA	DATE	NO.	REMARKS	BY
	INSPECTOR'S FIELD VERIFICATION BY		NM STATE PLANE COORDINATES				
	CORRECTED BY		CENTRAL ZONE (NAD 83)				
			X=1,487,364.063				
			Y=1,491,190.819				
			G-G=0.999675005				
			Da=0°17'12.26				
			Elev=5319.688				





DOMES NOTES:

1. DESIGN PER A.D.A. SPECIFICATIONS.
2. SUBMIT SPECIFICATIONS TO CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.



THE FOLLOWING TABLES WERE CREATED USING EBAA IRON INC. SOFTWARE FOR RESTRAINING JOINTS WITH THESE CRITERIA:

DEPTH OF BURY: 3.0' MINIMUM
SAFETY FACTOR: 1.5 TO 1
PIPE MATERIAL: PVC
SOIL TYPE: GM/SM-SILTY GRAVEL/SILTY SAND, GRAVEL-SAND MIXTURES
TEST PRESSURE: 150 PSI
TRENCH TYPE 3: PIPE BEDDED IN 4" MINIMUM LOOSE SOIL BACKFILL LIGHTLY CONSOLIDATED TO TOP OF PIPE

THESE LENGTHS WILL BE AFFECTED IF THE TYPE OF MATERIAL, GREATER DEPTH OF BURY, ETC. CHANGES. THESE MUST BE RECALCULATED BY THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.

RESTRAINING JOINT LENGTHS FOR TEES*

SIZE	LENGTH ALONG RUN**				
	10'	8'	6'	4'	2'
12x12x12	61	68	76	83	90
12x12x10	39	48	56	65	74
12x12x8	15	26	37	48	59
12x12x6	1	1	9	24	38
12x12x4	1	1	1	1	16
10x10x10	46	54	61	68	76
10x10x8	25	34	43	52	61
10x10x6	1	5	17	29	41
10x10x4	1	1	1	2	20
8x8x8	34	42	49	56	63
8x8x6	6	15	25	34	43
8x8x4	1	1	1	10	24
6x6x6	7	24	31	39	46
6x6x4	1	1	6	17	27

RESTRAINING JOINT LENGTHS FOR HORIZONTAL BENDS, VALVES, AND DEAD ENDS (EACH SIDE)

SIZE	HORIZONTAL BENDS				VALVES DEAD END
	90°	45°	22-1/2°	11-1/4°	
12	45	19	9	4	102
10	38	16	8	4	86
8	32	13	6	3	72
6	25	10	5	2	55
4	18	7	4	1	39

RESTRAINING JOINT LENGTHS FOR REDUCERS***

SIZE	L. SIDE		R. SIDE	
	SIZE	L. SIDE	SIZE	L. SIDE
12x10	50	50	10x8	53
12x8	54	54	10x4	70
12x6	74	74	8x6	30
12x4	88	88	8x4	52
10x8	29	29	6x4	28

***RESTRAINTS ONLY PLACED ON LARGE SIDE

THE FOLLOWING TABLES WERE CREATED USING EBAA IRON INC. SOFTWARE FOR RESTRAINING JOINTS WITH THESE CRITERIA:

DEPTH OF BURY: 3.0' MINIMUM TO 6.0'
SAFETY FACTOR: 1.5 TO 1
PIPE MATERIAL: PVC
SOIL TYPE: GM/SM-SILTY GRAVEL/SILTY SAND, GRAVEL-SAND MIXTURES
TEST PRESSURE: 150 PSI
TRENCH TYPE 3: PIPE BEDDED IN 4" MINIMUM LOOSE SOIL BACKFILL LIGHTLY CONSOLIDATED TO TOP OF PIPE

THESE LENGTHS WILL BE AFFECTED IF THE TYPE OF MATERIAL, GREATER DEPTH OF BURY, ETC. CHANGES. THESE MUST BE RECALCULATED BY THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.

RESTRAINING JOINT LENGTHS FOR VERTICAL OFFSETS/BENDS (EACH SIDE)

SIZE		HORIZONTAL BENDS			
		90°	45°	22-1/2°	11-1/4°
12	UPPER LOWER	DON'T USE	42	20	10
			10	5	2
10	UPPER LOWER	DON'T USE	36	17	8
			8	4	2
8	UPPER LOWER	DON'T USE	30	14	7
			7	3	2
6	UPPER LOWER	DON'T USE	23	11	5
			5	3	1
4	UPPER LOWER	DON'T USE	16	8	4
			4	2	1

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	REWARD	CENTRAL STATION DATA	FIELD NOTES	NO.	NO.	DATE
WORK STAKED BY	DATE	CENTRAL PLANE COORDINATES	BY	DATE	BY	REMARKS	REVISIONS
INSPECTED BY	DATE	NM STATE PLANE COORDINATES	NO.	DATE	NO.	DATE	DATE
FIELD VERIFICATION BY	DATE	CENTRAL ZONE (NAD 83)	NO.	DATE	NO.	DATE	DATE
ADJUSTED BY	DATE	X=1,487,564.063	NO.	DATE	NO.	DATE	DATE
CORRECTED BY	DATE	Y=1,491,190.819	NO.	DATE	NO.	DATE	DATE
MICRO-FILM INFORMATION	DATE	G-G=0.999675005	NO.	DATE	NO.	DATE	DATE
NO.	NO.	Dist=0.1717226	NO.	DATE	NO.	DATE	DATE
		Elev=5319.688	NO.	DATE	NO.	DATE	DATE

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ENGINEERING GROUP

TITLE: **BRUCKNER TRUCK SALES**
DETAILS
DAYTONA RD

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED FEB 14 2013	APPROVED FEB 26 2013		
DESIGN REVIEW COMMITTEE	CITY ENGINEER	LAST DESIGN UPDATE	

CITY PROJECT NO. 655782 ZONE MAP NO. J-09-Z SHEET 09 OF 09