

CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services



February 19, 2016

Vincent P. Carrica, PE
Tierra West, LLC
5571 Midway Park Pl NE
Albuquerque, NM 87109

Richard J. Berry, Mayor

RE: FedEx® Ground Facilities - Daytona Road NW
Release of Financial Guarantee
Engineer's Stamp Date 10-20-2014 (File: K09D026A)
Certification Date: 2-17-2016

Dear Mr. Carrica:

Based upon your Engineer's Certification submitted on 11/10/2014, the above referenced plan is accepted for Release of Financial Guarantee for grading and drainage.

If you have any questions, you can contact me at 924-3695.

PO Box 1293

Albuquerque

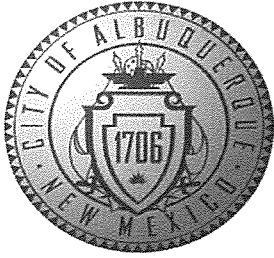
New Mexico 87103

Sincerely,

Rita Harmon, P.E.
Senior Engineer, Planning Dept.
Development Review Services

Orig: Drainage file
c.pdf: via Email: Recipient, Madeline Carruthers, Rudy Archuleta

www.cabq.gov



City of Albuquerque

Planning Department

Development & Building Services Division

RAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: FedEX Ground City Drainage #: _____

DRB#: _____ EPC#: 14EPC-40012 (Project #1009982) Work Order#: _____

Legal Description: A portion of Tract 12, Tract 13, and Tract 14A, Town of Atrisco Grant Unit 5

City Address: _____

Engineering Firm: Tierra West, LLC Contact: Vincent P. Carrica

Address: 5571 Midway Park Place NE, Albuquerque, NM 87109

Phone#: 505-858-3100 Fax#: 505-858-1118 E-mail: vcarrica@tierrawestllc.com

Owner: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Architect: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Surveyor: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Contractor: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☐ GRADING PLAN
- ☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☒ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERT (TCL)
- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ ENGINEER'S CERT (ESC)
- ☐ SO-19
- ☐ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☒ SIA/FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY (PERM)
- ☐ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ GRADING CERTIFICATION
- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (SPECIFY) _____

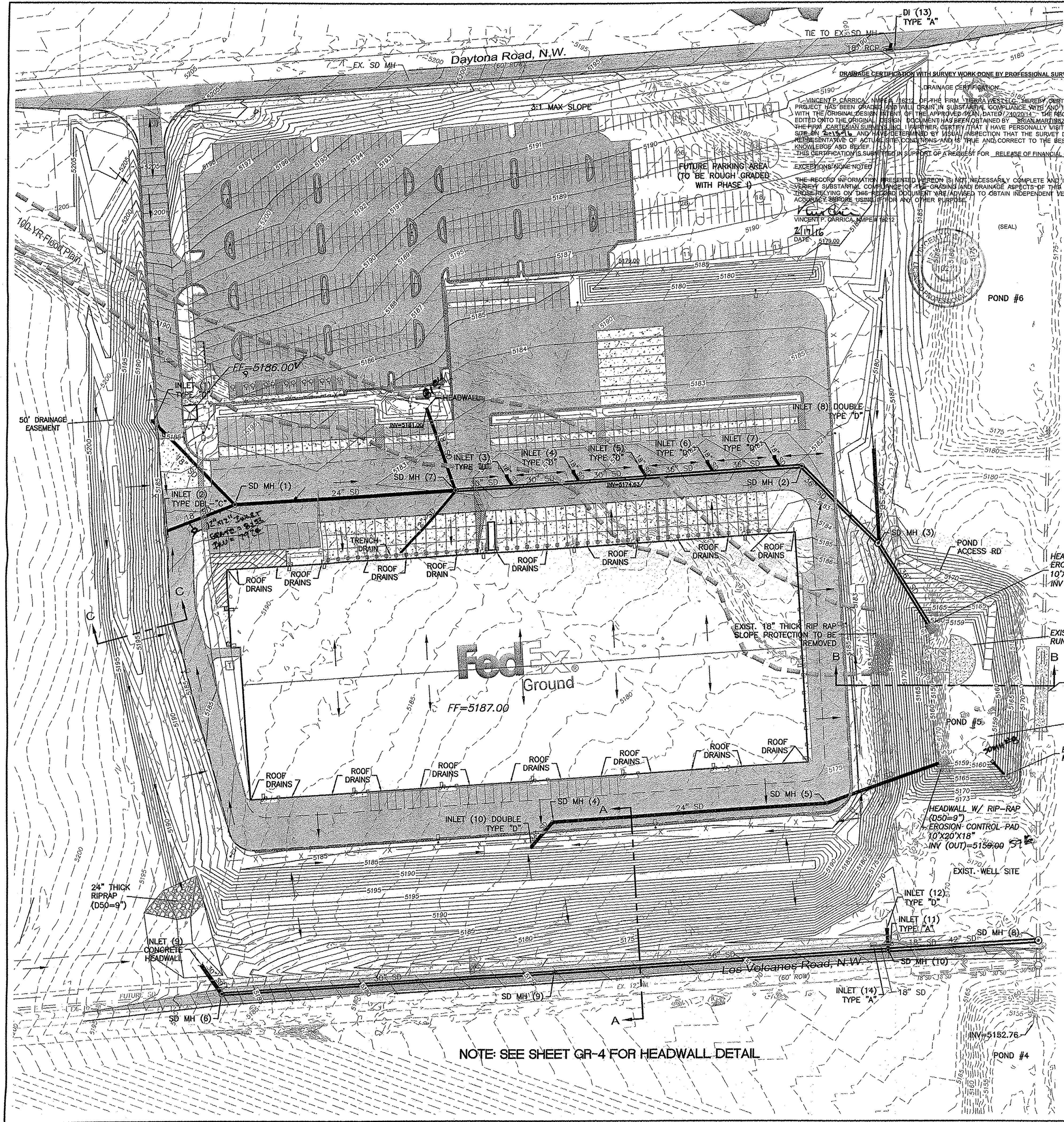
WAS A PRE-DESIGN CONFERENCE ATTENDED: Yes ☒ No ☐ Copy Provided

DATE SUBMITTED: February, 16, 2016

By: Vincent Carrica, PE

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development



DRAINAGE CERTIFICATION WITH SURVEY WORK DONE BY PROFESSIONAL SURVEYOR

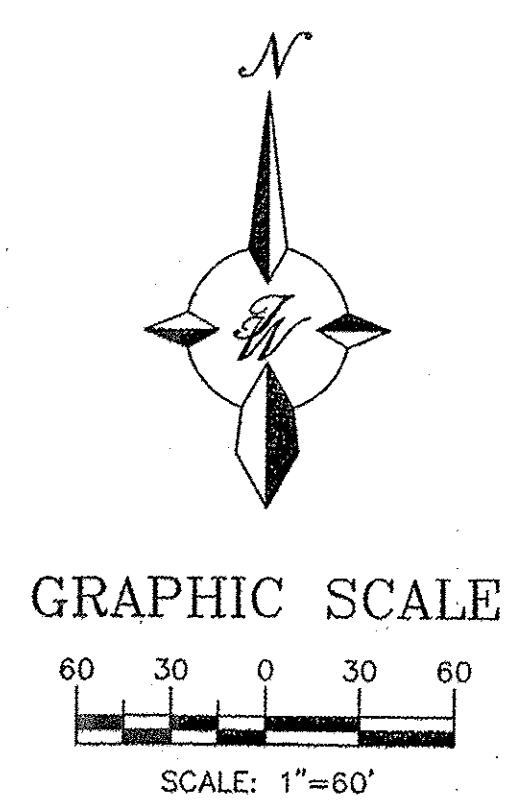
I, VINCENT P. CARRICA, INFERIOR 16212, OF THE FIRM TERRA WEST, LLC, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADDED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE ORIGINAL DESIGN INTENT OF THE APPROVED PLAN, DATED 9/20/2012. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY REGULAR SURVEYING, N.M.P.S. 18274, OF THE FIRM CARRICA SURVEYING, INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 8/15/14, AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR RELEASE OF FINANCIAL GUARANTEE.

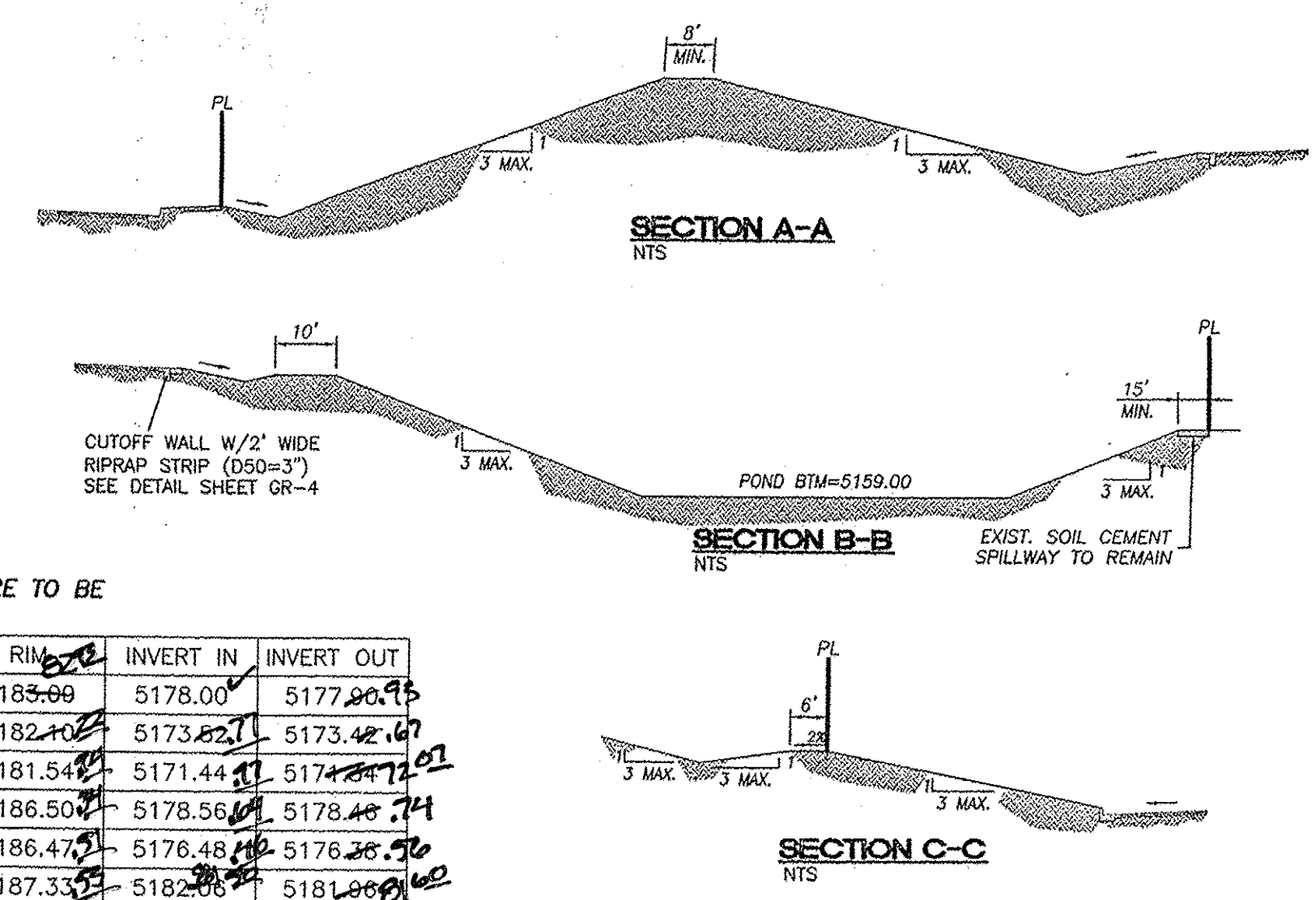
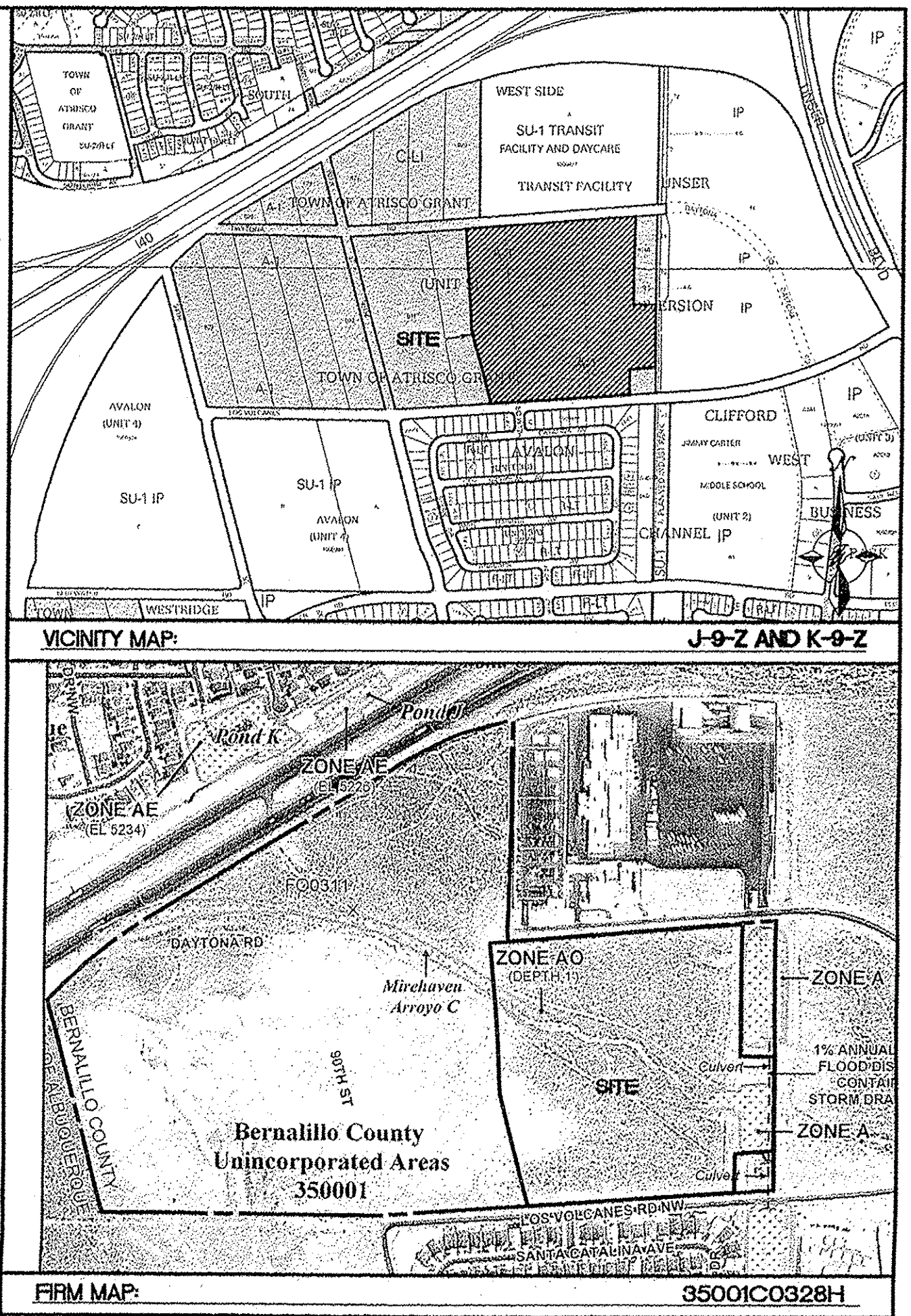
EXCEPTIONS (NONE NOTED)

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

VINCENT P. CARRICA, INFERIOR 16212
DATE: 8/15/14



- LEGEND**
- CURB & GUTTER
 - BOUNDARY LINE
 - EASEMENT
 - CENTERLINE
 - BUILDING
 - SIDEWALK
 - CONTOUR MAJOR
 - CONTOUR MINOR
 - SPOT ELEVATION
 - FLOW ARROW
 - EXISTING CURB & GUTTER
 - EXISTING BOUNDARY LINE
 - EXISTING CONTOUR MAJOR
 - EXISTING CONTOUR MINOR
 - EXISTING SPOT ELEVATION
 - RIP-RAP



SD MH	SIZE	RIP-RAP	INVERT IN	INVERT OUT
1	6" DIA.	5183.00	5178.00	5177.00.95
2	6" DIA.	5182.00	5173.00	5173.00.95
3	6" DIA.	5181.50	5171.44	5171.44.01
4	4" DIA.	5186.50	5178.56	5178.56.74
5	4" DIA.	5186.47	5176.48	5176.48.76
6	6" DIA.	5187.33	5182.06	5182.06.00
7	4" DIA.	5182.84	5176.24	5176.24.14
8	8" DIA.	5163.00	5156.00	5156.00.00
9	6" DIA.	5174.00	5162.00	5162.00.00
10	6" DIA.	5167.36	5156.00	5156.00.00

DI	TYPE	GRATE	INVERT
1	"D"	5183.00	5179.00.75
2	DOUBLE "C"	5182.00	5179.00.75
3	"D"	5181.50	5178.10.71
4	"D"	5181.50	5178.10.71
5	"D"	5181.50	5178.10.71
6	"D"	5181.50	5178.10.71
7	"D"	5181.50	5178.10.71
8	DOUBLE "D"	5177.85	5174.25.81
9	HEADWALL	5182.00	5182.00.76
10	DOUBLE "D"	5182.00	5178.00.75
11	"A"	5167.50	5162.50.77
12	"D"	5167.50	5164.00.77
13	"A"	5189.10	5185.10.77
14	"A"	5168.00	5164.00.77

NOTE: SEE SHEET GR-4 FOR HEADWALL DETAIL

ENGINEER'S SEAL

VINCENT P. CARRICA
P.E. #16212

FEDEX GROUND
ALBUQUERQUE, NM

**OVERALL GRADING
AND DRAINAGE PLAN**

TERRA WEST, LLC
5571 MIDWAY PARK PLACE NE
ALBUQUERQUE, NM 87109
(505) 858-3100
www.terrawestllc.com

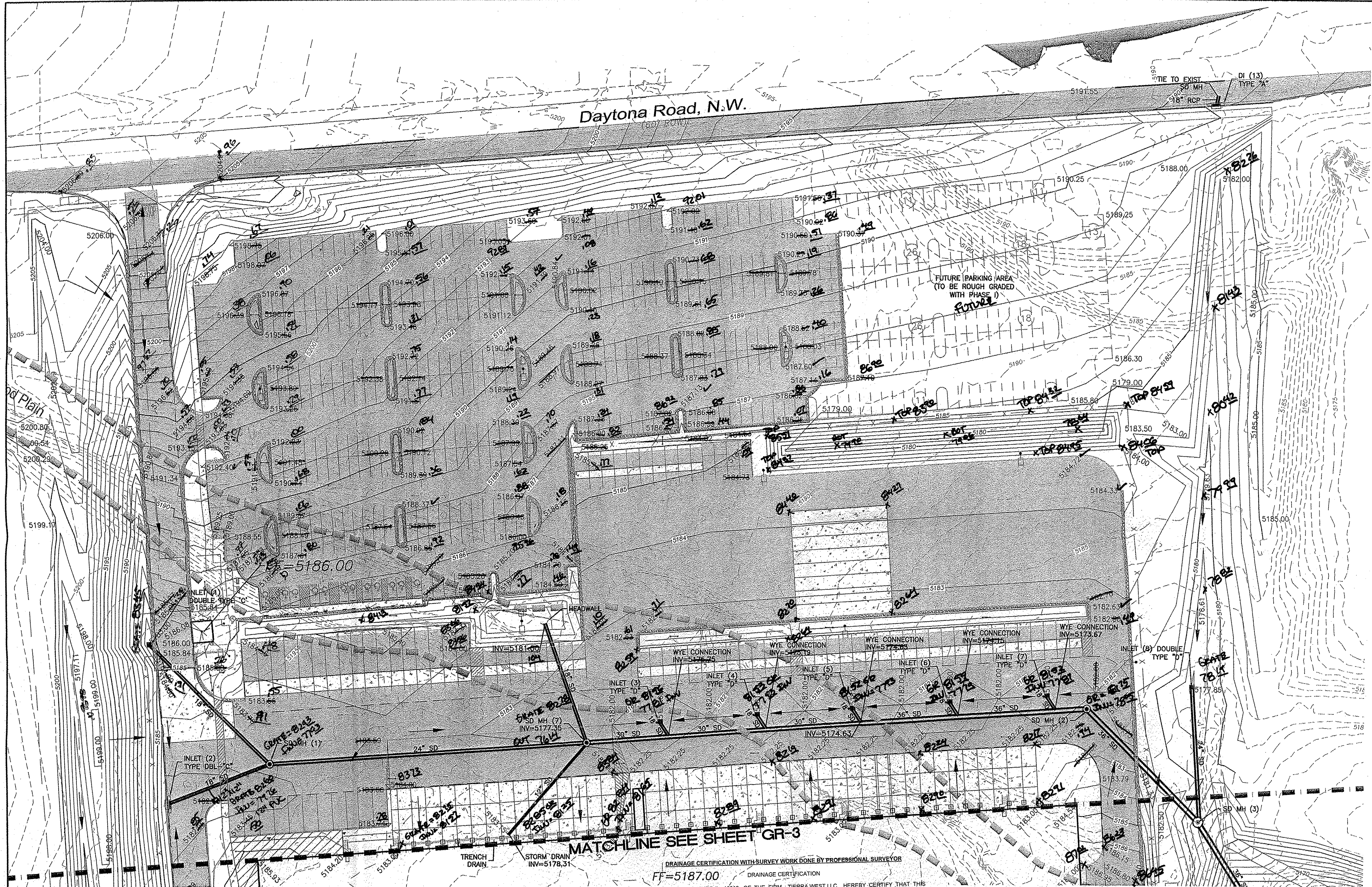
DRAWN BY
DY

DATE
10-20-14

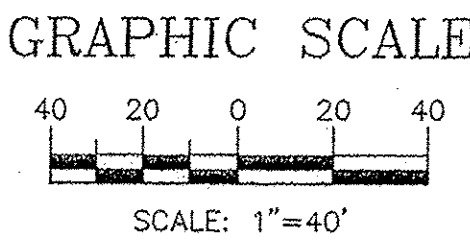
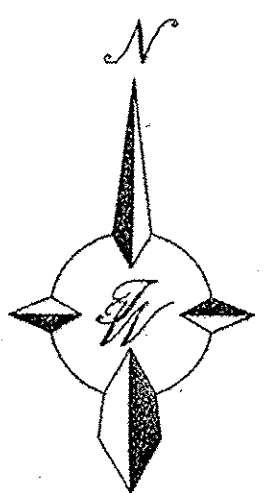
2013075-GRE

SHEET #
GR-1

JOB #
2013075



- LEGEND**
- CURB & GUTTER
 - BOUNDARY LINE
 - EASEMENT
 - CENTERLINE
 - BUILDING
 - SIDEWALK
 - CONTOUR MAJOR
 - CONTOUR MINOR
 - SPOT ELEVATION
 - FLOW ARROW
 - EXISTING CURB & GUTTER
 - EXISTING BOUNDARY LINE
 - EXISTING CONTOUR MAJOR
 - EXISTING CONTOUR MINOR
 - EXISTING SPOT ELEVATION
 - RIP-RAP



DRAINAGE CERTIFICATION WITH SURVEY WORK DONE BY PROFESSIONAL SURVEYOR

FF=5187.00

DRAINAGE CERTIFICATION

I, VINCENT P. CARRICA, NMPE # 16212, OF THE FIRM, TIERRA WEST LLC, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE ORIGINAL DESIGN INTENT OF THE APPROVED PLAN DATED 10/20/14. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY BRIAN MARTINEZ, NMPS #18374, OF THE FIRM, CARTESIAN SURVEYS, INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 2-17-16 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

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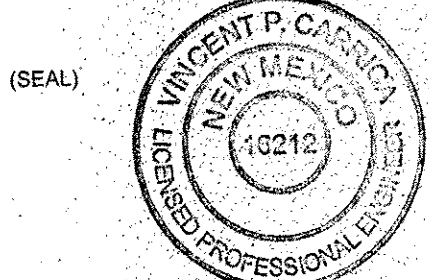
EXCEPTIONS: NONE NOTED

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VINCENT P. CARRICA, NMPE # 16212

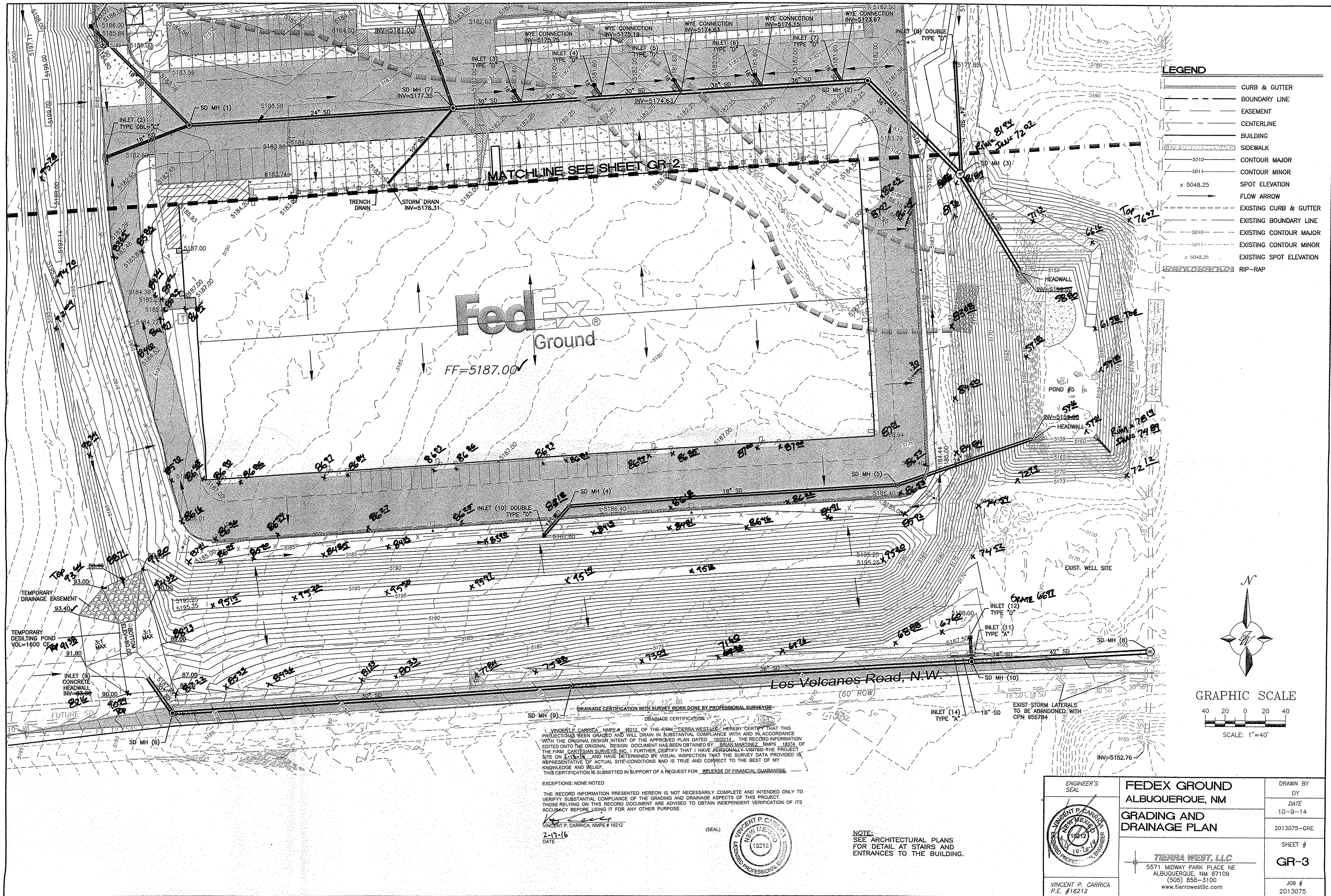
2-17-16

DATE

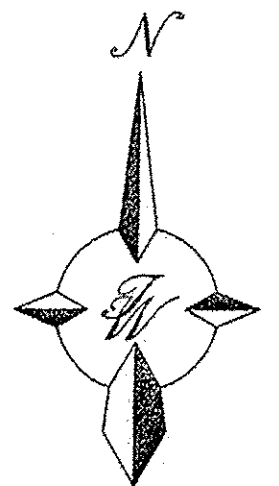


NOTE:
SEE ARCHITECTURAL PLANS
FOR DETAIL AT STAIRS AND
ENTRANCES TO THE BUILDING.

 VINCENT P. CARRICA P.E. #16212	FEDEX GROUND ALBUQUERQUE, NM GRADING AND DRAINAGE PLAN	DRAWN BY DY
		DATE 10-9-14
	 TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierrawestllc.com	2013075-GRE
		SHEET # GR-2
		JOB # 2013075

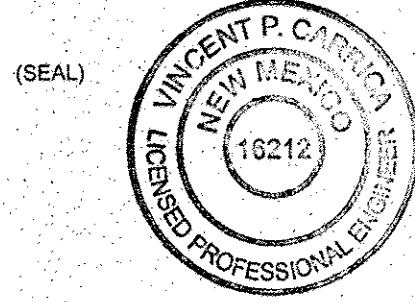


- LEGEND**
- CURB & GUTTER
 - BOUNDARY LINE
 - EASEMENT
 - CENTERLINE
 - BUILDING
 - SIDEWALK
 - 5010 CONTOUR MAJOR
 - 5011 CONTOUR MINOR
 - x 5048.25 SPOT ELEVATION
 - FLOW ARROW
 - EXISTING CURB & GUTTER
 - EXISTING BOUNDARY LINE
 - EXISTING CONTOUR MAJOR
 - EXISTING CONTOUR MINOR
 - EXISTING SPOT ELEVATION
 - RIP-RAP

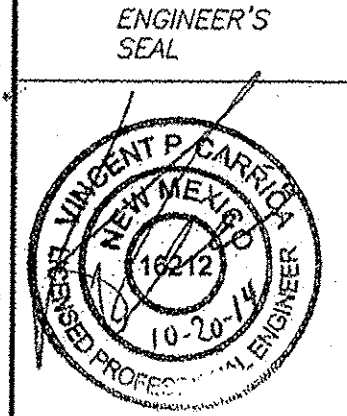


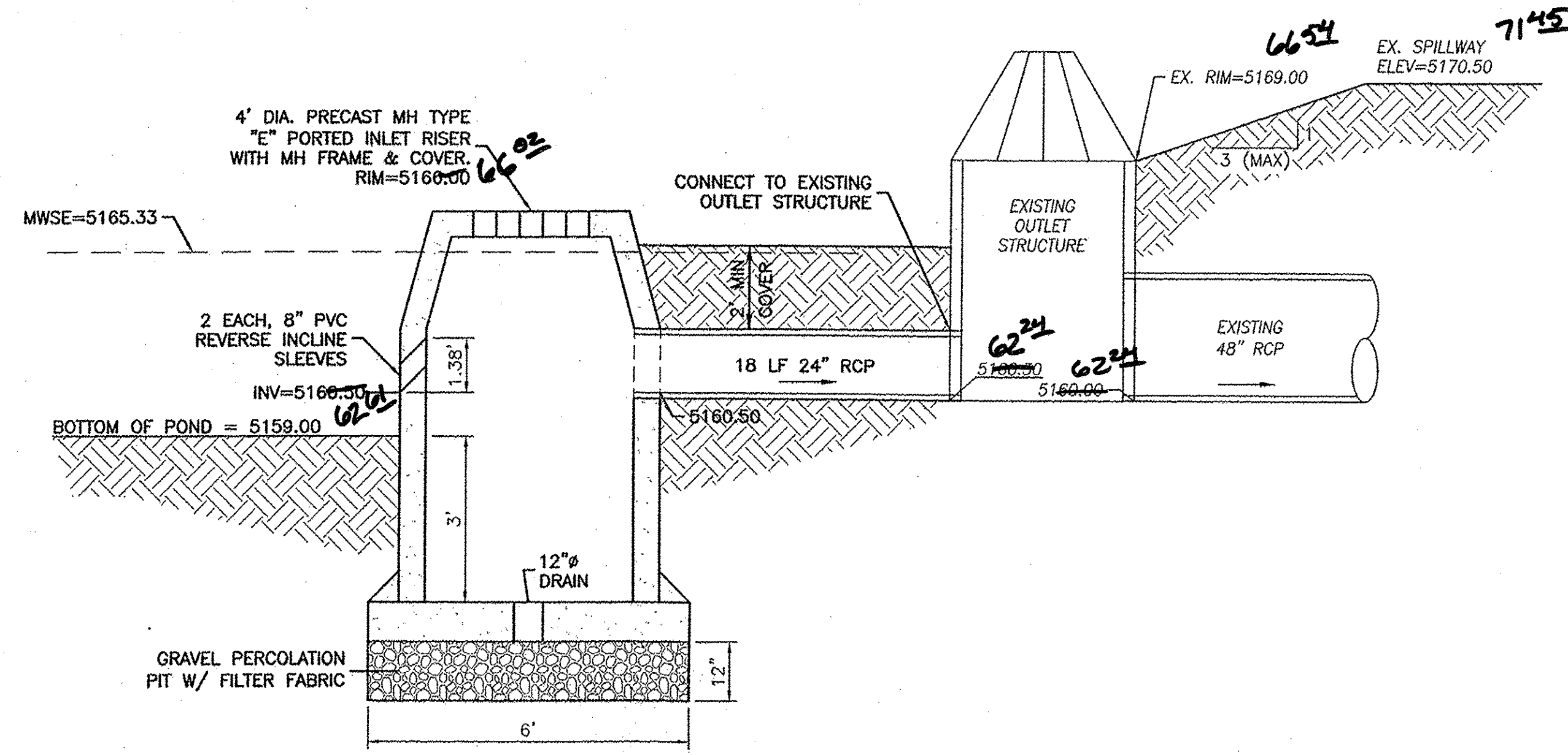
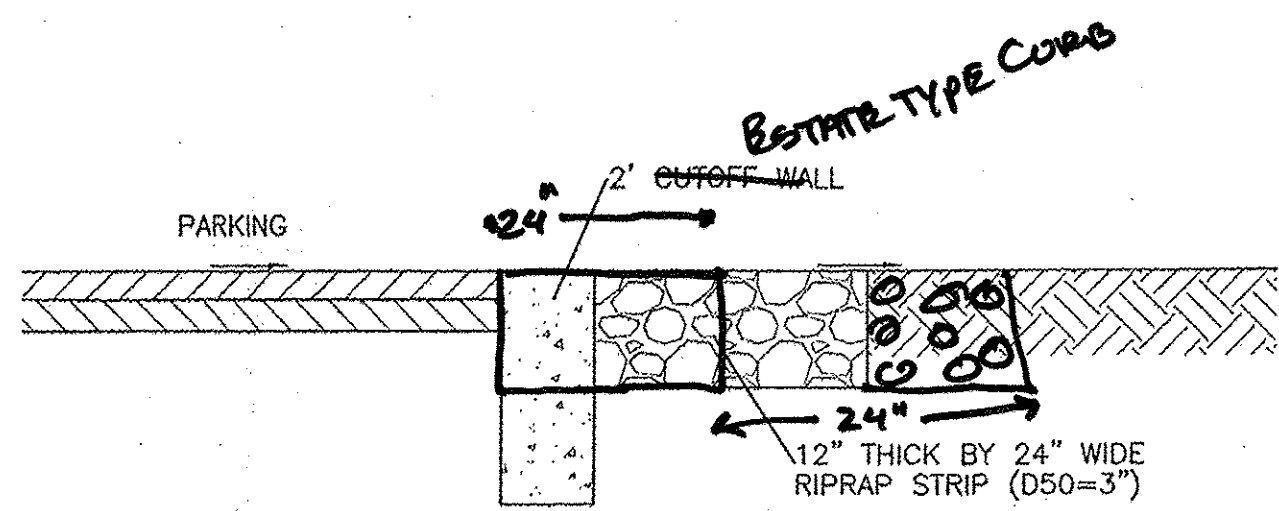
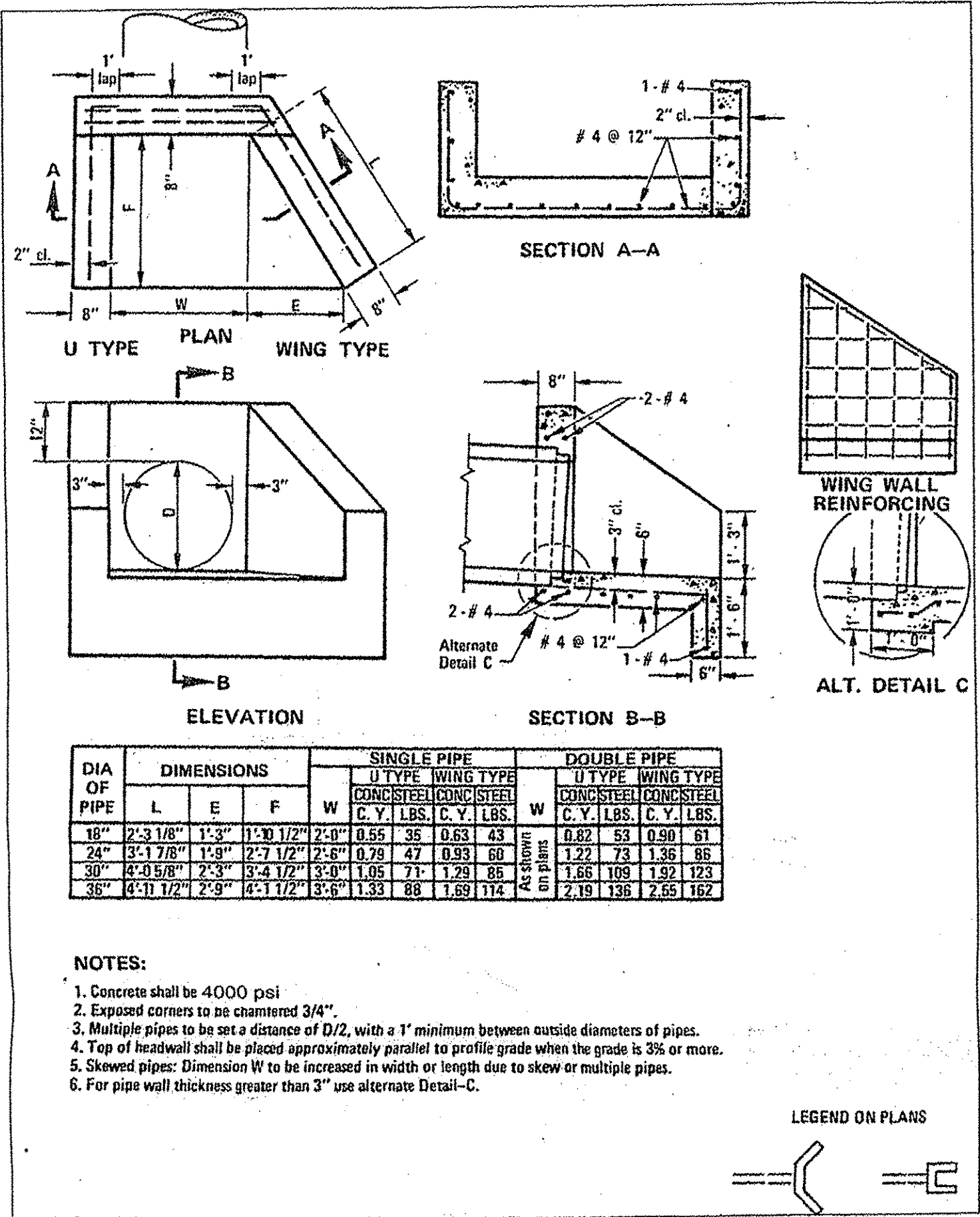
GRAPHIC SCALE
40 20 0 20 40
SCALE: 1"=40'

DRAINAGE CERTIFICATION WITH SURVEY WORK DONE BY PROFESSIONAL SURVEYOR
DRAINAGE CERTIFICATION
I, VINCENT P. CARRICA, NMPE # 16212, OF THE FIRM TIERRA WEST, LLC, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE ORIGINAL DESIGN INTENT OF THE APPROVED PLAN DATED 10/20/14. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY BRIAN MARTINEZ, NMPS 18274, OF THE FIRM CARTESIAN SURVEYS, INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 1-15-16 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR RELEASE OF FINANCIAL GUARANTEE.
EXCEPTIONS: NONE NOTED
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VINCENT P. CARRICA, NMPE # 16212
2-17-16
DATE



NOTE:
SEE ARCHITECTURAL PLANS FOR DETAIL AT STAIRS AND ENTRANCES TO THE BUILDING.

 VINCENT P. CARRICA P.E. #16212	FEDEX GROUND ALBUQUERQUE, NM GRADING AND DRAINAGE PLAN	DRAWN BY DY
		DATE 10-9-14
 TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierrawestllc.com		2013075-GRE
		SHEET # GR-3
		JOB # 2013075



DRAINAGE CERTIFICATION WITH SURVEY WORK DONE BY PROFESSIONAL SURVEYOR

DRAINAGE CERTIFICATION

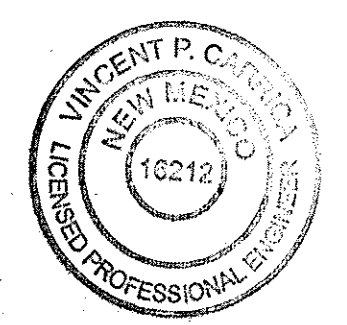
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EXCEPTIONS: NONE NOTED

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VINCENT P. CARRICA, NMPE # 16212
 Z-17-16

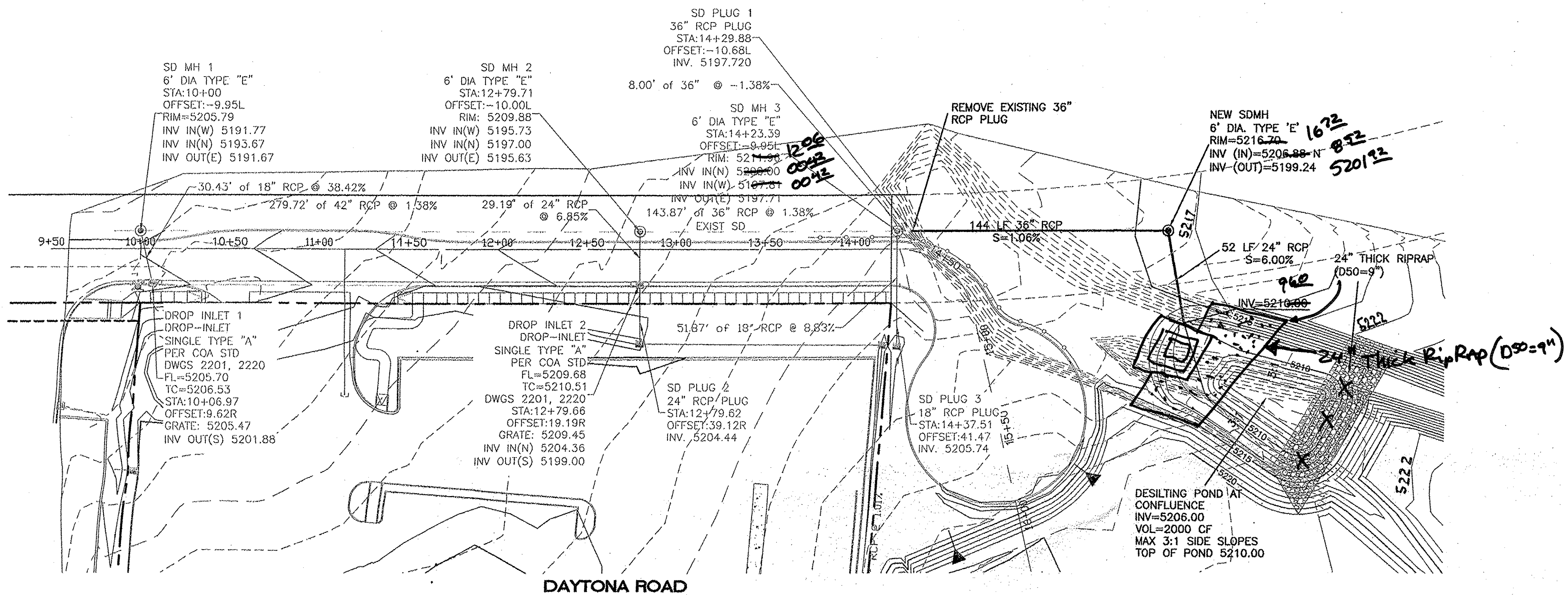
(SEAL)



ENGINEER'S SEAL VINCENT P. CARRICA P.E. #16212	FEDEX GROUND ALBUQUERQUE, NM	DRAWN BY DY
	GRADING AND DRAINAGE DETAILS	DATE 10-9-14
	TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierrawestllc.com	2013075-GRE
	SHEET # GR-4	JOB # 2013075

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

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



DRAINAGE CERTIFICATION WITH SURVEY WORK DONE BY PROFESSIONAL SURVEYOR

DRAINAGE CERTIFICATION

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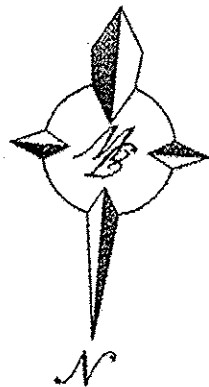
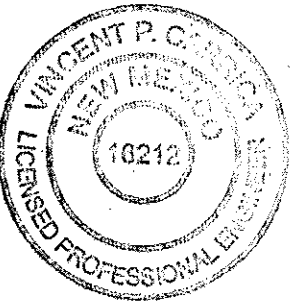
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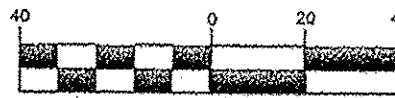
VINCENT P. CARRICA, NMPE # 16212

2-17-16

(SEAL)



GRAPHIC SCALE



(IN FEET)
1 inch = 40 ft.

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.

	ENGINEER'S SEAL	FEDEX GROUND ALBUQUERQUE, NM	DRAWN BY pm
		DAYTONA RD - GRADING AND DRAINAGE IMPROVEMENTS	DATE 10-20-14
		TIERRA WEST, LLC 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	DRAWING 2013075-DAYTONA
	RONALD R. BOHANNAN P.E. #7868		SHEET # GR-5 JOB # 2013075