NEW MEXICO
ENVIRONMENT DEPARTMENT

Surface Water Quality Bureau

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ERIKA SCHWENDER
Director
Resource Protection Division

Certified Mail - Return Receipt Requested

April 22, 2014

Mr. John Priest, Division Manager
Crossland Construction Company, Inc.
833 East Ave
Columbus, KS 66725-2307

Re: Crossland Construction Company, Inc.; Minor; Construction Stormwater; SIC 1522; NPDES Compliance Evaluation Inspection; NPDES Permit NMR12AS56; April 2, 2014

Dear Mr. Priest:

Enclosed please find a copy of the report for the referenced inspection that the New Mexico Environment Department (NMED) conducted at a construction site for which you may be an "operator" (see Appendix A in permit). The NMED conducted this inspection on behalf of the U.S. Environmental Protection Agency (USEPA). This inspection report will be sent to the USEPA in Dallas for their review. These inspections are used by USEPA to determine compliance with the National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the federal Clean Water Act.

Problems noted during this inspection are listed in the checklist section of the inspection report. You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and to modify your operational and/or administrative procedures, as appropriate. If you have comments on or concerns with the basis for the findings in the NMED inspection report, please contact us (see the address above) in writing within 30 days from the date of this letter. Further, notify in writing both USEPA (Diana McDonald, USEPA (6EN-WT), 1445 Ross Ave., Dallas, Texas, 75202), NMED (at the above address) regarding modifications and compliance schedules.

If you have any questions about this inspection report, please contact Daniel Valenta at 505-827-2575 or at daniel.valenta@state.nm.us.

Sincerely,

/s/Bruce Yurdin

Bruce J. Yurdin
Program Manager
Point Source Regulation Section
Surface Water Quality Bureau

cc: Rashida Bowlin, USEPA (6EN-AS) by e-mail
Carol Peters, USEPA (6EN-WM) by e-mai
Brent Larsen, USEPA (6WQ) by e-mail
Racquel Douglas, USEPA (6EN-WM) by e-mail
Gladys Gooden-Jackson, USEPA (6EN-WC) by e-mail
NMED District III, Mike Kesler by e-mail

Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspec. Type	Inspector	Fac Type
1 N 2 5 3	N M R 1 2 A S 5 6 11	12 1 4 0 4 0 2 17	18 }	19 S 20	2

Remarks: C O N S T R U C T I O N 2 A C R E S

Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved
67 69	70 2	71 N 72	N 73 74	75 80

Section B: Facility Data

Name and Location of Facility Inspected *(For industrial users discharging to POTW, also include POTW name and NPDES permit number)*	Entry Time /Date	Permit Effective Date
Comfort Suites Construction Site, 2532-2598 W. Pierce St. approximate address, Carlsbad, NM 88220-approximate address **Eddy County**	**1422 hours/4-2-2014**	**2-16-2012**
	Exit Time/Date **1540 hours/4-2-2014**	Permit Expiration Date **2-16-2017**

Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)

Mr. Joe Sloniker/Superintendent/620-429-1414/cell 417-434-5849/fax 620-429-2125

Name, Address of Responsible Official/Title/Phone and Fax Number

Mr. John Priest, Crossland Construction Company, Inc., 833 East Ave. Columbus, KS/ Division Manager/ 620-429-1414 fax 620-429-1412

Contacted: Yes [ ] No [*]

Other Facility Data

GPS:
N. 32° 26' 41.46"
W. -104° 15' 36.92"

SIC: 1522

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

U	Permit	N	Flow Measurement	N	Operations & Maintenance	N	CSO/SSO
U	Records/Reports	N	Self-Monitoring Program	N	Sludge Handling/Disposal	N	Pollution Prevention
U	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
N	Effluent/Receiving Waters	N	Laboratory	U	Storm Water	N	Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

1. **This report is based on review of files maintained by the permittee and NMED, on site observation by NMED personal and verbal information provided by the facility's representative.**

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone/Fax	Date
Daniel Valenta */s/Daniel Valenta*	**NMED/SWQB 505-827-2575**	4/21/2014
Signature of Management QA Reviewer	**Agency/Office/Phone and Fax Numbers**	**Date**
Sarah Holcomb */s/Sara Holcomb*	**NMED/SWQB 505-827-2798**	4/22/2014

NPDES Construction Storm Water
Compliance Evaluation Inspection
April 2, 2014

Further Explanations

Introduction

On April 2, 2014 a Compliance Evaluation Inspection (CEI) was conducted by Daniel Valenta of the NMED SWQB at a 2 acre construction site located at 2532-2598 West Pierce Street, Carlsbad, New Mexico 88220 – approximate address. At this site a Comfort Suites Motel was being constructed with the estimated project start date of January 1, 2014 and an estimated completion date of July 1, 2014. The project owner is the Burton Hotel Group of Carlsbad, LLC, site contractor Crossland Construction Company, Inc., General Corporation.

An entrance interview was conducted at the site with Mr. Joe Sloniker, Superintendent, at approximately 1422 hours on April 2, 2014. The inspector made introductions, presented his credentials and discussed the purpose of the inspection. A brief exit interview to discuss the preliminary findings of the inspection was conducted at the site with Mr. Sloniker at approximately 1540 on 4/2/20104. This report is based on a review of the EPA online notice of intent (eNOI) database, review of files maintained by NMED, readily available on-line aerial photographs, on-site observation by NMED personnel, and verbal information provided by the site representative.

Discharge from this site may flow into the Pecos River (20.6.4.203 NMAC). The designated uses for this segment are industrial water supply, livestock watering, wildlife habitat, primary contact; and warm water aquatic life.

Clean Water Act and Permit Requirements

Section 301 (a) of the Federal Water Pollution Control Act states that *"Except as in compliance with this section and sections 302, 306, 307, 318, 402 and 404 of this Act, the discharge of any pollutant by any person shall be unlawful."*

Per 40 CFR Part 122.26, storm water discharges associated with construction activity are required to obtain coverage under an NPDES permit. Large construction activity is defined in 40 CFR Part 122.26(b)(14)(x), as follows: *"Construction activity including clearing, grading and excavation, except operations that result in the disturbance of less than five acres of total land area. Construction activity also includes the disturbance of less than five acres of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb five acres or more."*

Beginning on March 10, 2003, storm water discharges associated with small construction activity became regulated according to 40 CFR Part 122.26(b)(15)(i) for *"[c]onstruction activities including clearing, grading and excavating that result in land disturbance of equal to or greater than one acre and less than five acres. Small construction activity also includes the disturbance of less than one acre of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb equal to or greater than one acre and less than five acres."*

NPDES Construction Storm Water
Compliance Evaluation Inspection
April 2, 2014

Permit coverage is required from the "commencement of construction activities" until "final stabilization" as defined in Appendix A of the USEPA's 2012 Construction General Permit (CGP). Among other things, the CGP requires that a Storm Water Pollution Prevention Plan (SWPPP) be prepared for the site construction and after construction to prevent, to the extent practicable, pollutants (primarily sediment, oil & grease and construction materials from the construction site) in storm water runoff from entering waters of the U.S. This permit also requires that permanent stabilization measures (revegetation, paving, etc.) and permanent storm water management measures (storm water detention/retention structures, velocity dissipation devices, etc.) be implemented post construction to minimize, in the long term, pollutants in storm water runoff from entering these waters.

The 2012 CGP, Definitions, Appendix A, states, *"Operator" – for the purpose of this permit and in the context of stormwater discharges associated with construction activity, any party associated with a construction project that meets either of the following two criteria:*

1. *The party has operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications; or*

2. *The party has day-to-day operational control of those activities at a project that are necessary to ensure compliance with the permit conditions (e.g., they are authorized to direct workers at a site to carry out activities required by the permit). This definition is provided to inform permittees of EPA's interpretation of how the regulatory definitions of "owner or operator" and "facility or activity" are applied to discharges of stormwater associated with construction activity.*

Findings

- **Burton Hotel Group of Carlsbad, LLC does not have permit coverage under the Construction General Permit and has not prepared the required documents to file for and receive a permit.**

- **Crossland Construction Company, Inc., General Corporation has filed for, February 19, 2014, and received, CGP NMR12AS56, permit coverage. However no other required documents have been prepared. A Storm Water Pollution Prevention Plan (SWPPP) was not completed for the site, no site inspections documented.**

USEPA's CGP was re-issued effective February 16, 2012 (Federal Register/Vol. 77, No. 40/Wednesday, February 29, 2012, pg. 12286) and replaced the 2008 CGP which expired on February 15, 2012. Common requirements for coverage under a construction stormwater permit include development of a written stormwater pollution prevention plan (SWPPP), implementation of control measures, and submittal of a request for permit coverage, usually referred to as the Notice of Intent or NOI.

The SWPPP is a written assessment of potential sources of pollutants in stormwater runoff and control measures that will be implemented at your site to minimize the discharge of these pollutants in runoff from the site.

These control measures include site-specific best management practices (BMPs), maintenance plans, inspections, employee training, and reporting. The procedures detailed in the SWPPP must be implemented by the site and updated as necessary, with a copy of the SWPPP kept on-site. These control measures include site-specific best management practices (BMPs), maintenance plans, inspections, employee training, and reporting. The procedures detailed in the SWPPP must be implemented by the site and updated as necessary.

A SWPPP should include the following information:

- A description of potential pollutant sources – includes a site map, an identification of the types of pollutants that are likely to be present in stormwater discharges, an inventory of the types of materials handled at the site that potentially may be exposed to precipitation, a list of significant spills and leaks of toxic or hazardous pollutants, sampling data, a narrative description of the potential pollutant sources from specific activities at the facility, and identification of specific potential pollutants; and

- A description of appropriate measures and controls – includes the type and location of existing and proposed non-structural and structural best management practices (BMPs) selected for each of the areas where industrial materials or activities are exposed to stormwater. Non-structural and structural BMPs to be described and implemented include such things as good housekeeping, preventive maintenance, spill prevention and response procedures, periodic inspections, employee training, record keeping, non-storm water evaluations and certifications, sediment and erosion control, as well as implementation/maintenance of traditional stormwater management practices, where appropriate.

NMED/SWQB
Official Photograph Log

Photo # 1

Photographer: Daniel Valenta	Date: 4/2/2014	1331 hours
City/County: Carlsbad/Eddy County		
Location: 2532-2598 West Pierce Street, Carlsbad, New Mexico 88220 – approximate address		
Subject: Comfort Suites Motel construction next to the Pecos River, facing east.		

NMED/SWQB
Official Photograph Log

Photo # 2

Photographer: Daniel Valenta	Date: 4/2/2014	1326 hours
City/County: Carlsbad/Eddy County		
Location: 2532-2598 West Pierce Street, Carlsbad, New Mexico 88220 – approximate address		
Subject: Downhill east side of property faces the Pecos River. Very windy day, BMP needs repair, facing southeast. An undisturbed buffer zone was left next to the river.		

NMED/SWQB
Official Photograph Log

Photo # 3

Photographer: Daniel Valenta	Date: 4/2/2014	1322 hours
City/County: Carlsbad/Eddy County		
Location: 2532-2598 West Pierce Street, Carlsbad, New Mexico 88220 – approximate address.		
Subject: Southeast side of property is not owned by Burton Hotel Group, area being used to store building materials for the construction project, no BMP's in place.		

NMED/SWQB
Official Photograph Log

Photo # 4

Photographer: Daniel Valenta	Date: 4/2/2014	1322 hours
City/County: Carlsbad/Eddy County		
Location: 2532-2598 West Pierce Street, Carlsbad, New Mexico 88220 – approximate address.		
Subject: Southeast side of property is not owned by Burton Hotel Group, area being used to store building materials for the hotel construction project, no BMP's in place.		

National Database Information		General	
Inspection Type	CEI	Inspector Name	Daniel Valenta
NPDES ID Number	NMR12AS56/NMR001877	Telephone	505-827-2575
Inspection Date	April 2, 2014	Entry Time	1422 AM
Inspector Type (circle one)	EPA [State] EPA Oversight SIC: 1522 / Construction	Exit Time	1540 AM
Facility Type (circle one)	[Commercial / Residential /] Municipal / Industrial	Signature	

Facility Location Information				
Name/Location/Mailing Address	Comfort Suites Hotel, 2532-2598 West Pierce Street, Carlsbad, NM 88220, approximate address,			
Coordinates	Latitude	(32 26 41.46)	Longitude	(-104 15 36.92)
Receiving Waters	Pecos River (20.6.4.203 NMAC)			
Disturbed Area	2+ Acres	Start/Stop Dates	Start: 02/01/2014 Stop: 07/01/2014	

Contact Information		
	Name(s)	Telephone
Name(s) and Role(s) of All Parties Meeting the Definition of Operator	Burton Hotel Group - Owner Crossland Construction – Contractor	(918) 492-7811 (620) 429-1414
Facility Contact	Joe Sloniker - Superintendent	(417) 434-5849 cell
Authorized Official(s)	David Burton - Owner John Priest – Division Manager	(918) 492-7811 (620)429-1414

Site Information:							
Nature of Project	Residential	[Commercial] / Industrial	Roadway	Private	Federal	State / Municipal	
Construction Stage	Clearing / Grubbing	Rough Grading	Infrastructure	[Building] (Vertical)	Final Grading	Final Stabilization	

Basic Permit Information			Basic SWPPP Information		
Permit Coverage	[Y]	[N]	SWPPP Prepared & Available? *Part 7.1.1, 7.2.1*	Y	[N]
Permit Type	[General]	Individual	SWPPP Contents Satisfactory?	Y	[N]
Notice Posted (visible, font large, NPDES Permit tracking#, contact name & phone #) *Part 1.5*	Y	[N]	SWPPP Implementation Satisfactory?	Y	[N]
	Contractor	Owner			
NOI Date	(2/19/2014)	No Permit	SWPPP Date	No SWPPP	Signature date
Is NOI Satisfactory?	[Y]	[N]			

Additional Facility and Inspection Information *(optional)*

SWPPP Review *(can be completed in office)*			
General			**Notes:**
SWPPP Signed/Certified. Did all operators sign/certify the SWPPP? *Part 7.2.15, Appendix I.11*		N	No SWPPP
SWPPP completed prior to NOI? *Part 7.1.1, Part 1.2.1*		N	No SWPPP
Endangered Species Act. Does SWPPP include documentation supporting determination? *Part 7.2.14.1; Part 1.1.e, Appendix D*		N	No SWPPP
Historic Properties. Does SWPPP include documentation supporting determination? *Part 7.2.14.2, Appendix E*		N	
If applicable, documents contact with agency or office responsible for implementing Safe Drinking Water Act <u>underground injection control well(s)</u>? *Part 7.2.14.3, 40 CFR Parts 144 -147*	Y	N	N/A
Post-Authorization Additions. Does SWPPP include: ➢ Copy of acknowledgement letter Y/N ➢ Copy of NOI Y/N ➢ Copy of permit Y/ N *Part 7.2.16.3*		N	No SWPPP
If applicable, SWPPP describes compliance with any case-by-case basis USEPA imposed water quality-based effluent limitation requirements? *Part 3*	Y	N	*N/A*
If discharge to an impaired water, includes records of all data used to complete NOI: ➢ List of all impaired waters Y/N ➢ Pollutant(s) for which the surface water is impaired Y/N ➢ Whether a TMDL has been approved or established Y/N *Part 3.2.1, Appendix I.15*	Y	N	Pecos River (20.6.4.203 NMAC)
Required SWPPP modifications completed? ➢ Completed w/7 days Y/N ➢ Maintains modification records showing dates, name of person authorizing change and summary Y/N ➢ Signed/Certified Y/N ➢ Immediately notified other operators Y/N *Parts 7.4, 5.2.2, Appendix I.11.b*	Y	N	No SWPPP or Inspections.
Records Retention. Have copies of inspection reports/all other documentation been retained as part of the SWPPP for 3 years from date permit coverage expires or is terminated? *Parts 4.1.7, 5.4.4, Appendix I.10.2, I.15*	Y	N	*N/A*

Team & Activity Description			Notes:
Identifies stormwater team personnel and responsibilities? ➢ Personnel (by name or position) Y/N ➢ Individual responsibilities Y/N *Part 7.2.1*	Y	N	
Is staff training documented? ➢ Training occurs prior to the commencement of earth-disturbing activities or pollutant-generating activities, whichever occurs first Y/N ➢ Ensures following understand the requirements of this permit and their specific responsibilities: o Personnel responsible for the design, installation, maintenance, and/or repair of controls/measures Y/N o Personnel responsible for the application and storage of treatment chemicals Y/N o Personnel responsible for conducting inspections Y/N o Personnel responsible for taking corrective actions Y/N ➢ At a minimum, training includes: o Location of all stormwater controls on the site required by this permit, and how maintained Y/N o Proper procedures to follow with respect to the permit's pollution prevention requirements Y/N o When and how to conduct inspections, record applicable findings, and take corrective actions Y/N *Parts 7.2.13, 6 and permit notes for emergency-related construction activities*	Y	N	
Describes nature of construction activities? ➢ Size of the property Y/N ➢ Total area to be disturbed Y/N ➢ Construction support activity areas Y/N ➢ Maximum area to be disturbed at any one time Y/N *Part 7.2.2*	Y	N	2 acres – Total project area
If applicable, documents emergency-related projects? ➢ Cause of public emergency (e.g., natural disaster, extreme flooding conditions, etc.) Y/N ➢ Info substantiating occurrence (e.g., state disaster declaration or similar state or local declaration) Y/N ➢ Description of the construction necessary to reestablish effected public services Y/N *Parts 7.2.3, 1.2*	Y	N	N/A
Identifies (lists) other site operators and areas of site over which each has control? ➢ List and areas of site over which each has control Y/N *Part 7.2.4*	Y	N	
Describes sequence, estimated dates	Y	N	

(departures) and duration of construction activities? ➢ Installation of control measures when operational Y/N ➢ Commencement/duration clearing & grubbing, mass grading, site preparation (excavating, cutting & filling), final grading, and creation of soil & vegetation stockpiles Y/N ➢ Cessation, temporarily or permanently, of construction activities on the site, or in designated portions of site Y/N ➢ Final/temporary stabilization areas of exposed soil Y/N ➢ Removal of temporary stormwater conveyances/channels and other stormwater control measures Y/N ➢ Removal of construction equipment and vehicles Y/N *Part 7.2.5*			A punch list is used to describe sequence of events.
Site Map			**Notes:**
Includes legible site map(s)? *Part 7.2.6*	Y	N	No Site Map.
➢ Boundaries of the property Y/N ➢ Locations construction activities will occur Y/N ➢ Locations earth-disturbing activities will occur (note any phasing) Y/N ➢ Approximate slopes before and after major grading (note steep slopes) Y/N ➢ Locations sediment, soil, or materials will be stockpiled Y/N ➢ Locations of crossings of surface waters Y/N ➢ Designated points vehicles exit onto paved roads Y/N ➢ Locations of structures/impervious surfaces upon completion Y/N ➢ Locations of construction support activity areas Y/N *Part 7.2.6.1*	Y	N	
➢ Locations of surface waters/wetlands, within or in immediate vicinity Y/N ➢ Indicates waters listed as impaired, and Tier 2~~, Tier 2.5,~~ or Tier 3 Y/N *Part 7.2.6.2*	Y	N	
➢ Boundary lines of natural buffers *Parts 7.2.6.3, 2.1.2.1a*	Y	N	Buffer zone by the river left intact.
➢ Areas of federally-listed critical habitat for endangered or threatened species *Part 7.2.6.4*	Y	N	
➢ Topography Y/N ➢ Existing vegetative cover Y/N ➢ Drainage pattern of stormwater/authorized non-stormwater flow onto, over, and from site <u>before and after</u> major grading Y/N *Part 7.2.6.5*	Y	N	
➢ Stormwater and allowable non-stormwater discharge locations Y/N	Y	N	

➢ Locations of storm drain inlets on site and immediate vicinity Y/N ➢ Locations stormwater or allowable non-stormwater will be discharged to surface waters (including wetlands) on or near site Y/N *Part 7.2.6.6*			
➢ Locations of potential pollutant-generating activities *Part 7.2.6.7, Part 7.2.7*	Y	N	
➢ Locations of control measures *Part 7.2.6.8*	Y	N	
➢ Locations polymers, flocculants, or treatment chemicals will be used/stored *Part 7.2.6.9*	Y	N	
Construction Site Pollutants			**Notes:**
Includes pollutant-generating activities list and description? *Part 7.2.7.1*	Y	N	
Includes inventory of pollutants or constituents? ➢ Inventory Y/N ➢ Potential spills/leaks Y/N ➢ Departures from manufacturer's specifications for applying fertilizers containing nitrogen & phosphorus Y/N/NA *Parts 7.2.7.2, 2.3.5.1*	Y	N	
Identifies all sources of allowable non-stormwater discharges? *Parts 7.2.8, 1.3.d*	Y	N	
If required (surface water wi/50 feet of earth disturbance), documents and describes <u>buffer compliance alternative</u> selected? ➢ Ensures that all discharges from the area of earth disturbance to the natural buffer are first treated by the site's erosion and sediment controls Y/N/NA ➢ Uses velocity dissipation devices, if necessary Y/N/NA ➢ Documents natural buffer width Y/N/NA ➢ Delineates, and clearly marks off, with flags, tape, or other similar marking device all natural buffer areas Y/N/NA ➢ Documents erosion and sediment control(s) used to achieve an equivalent sediment reduction Y/N/NA ➢ Documents any information relied upon to demonstrate equivalency Y/N/NA *Parts 7.2.9, 2.1.2, Appendix G*	Y	N	N/A

As applicable, describes and documents <u>buffer exceptions</u>? ➢ Describes rationale/why infeasible to provide and maintain an undisturbed natural buffer of any size Y/N/NA ➢ For linear project, describes buffer width retained and supplemental controls installed Y/N/NA ➢ Small residential lot options Y/N/NA ➢ Documents CWA Section 404 Permit, water-dependent structure/access disturbances Y/N *Parts 7.2.9; 2.1.2.1e, Appendix G*	Y	N	
All Stormwater Control Measures			**Notes:**
Describes each measure? ➢ Type of measure to be installed and maintained, including design information Y/N ➢ Specific sediment controls installed and made operational prior to conducting earth-disturbing activities Y/N ➢ For exit points, stabilization techniques and any additional controls planned to remove sediment prior to vehicle exit Y/N ➢ For linear projects (if applicable), where/why it has been determined that the use of perimeter controls is practicable Y/N/NA *Part 7.2.10.1*		N	
Erosion and Sediment Controls			**Notes:**
Minimizes <u>area of disturbance</u>? *Part 2.1.1.1*		N	
Describes erosion and sediment control <u>design</u> requirements? ➢ Accounts for expected amount, frequency, intensity, duration of precipitation Y/N ➢ Accounts for nature of run-on and run-off (channelized peak flow rates & total volume at outlet) Y/N ➢ Accounts for range of soil particle sizes (distribution, erosivity and cohesiveness) Y/N ➢ Directs discharge to vegetated areas to increase sediment removal and infiltration unless infeasible Y/N/NA ➢ Uses velocity dissipation, if necessary Y/N ➢ Complies with State of New Mexico except Indian country requirements: o Includes site-specific BMPs/controls designed to prevent to the maximum extent practicable an increase in sediment yield/flow velocity from pre-construction, pre-development conditions both during and after construction Y/N o Selection based on appropriate soil loss prediction models (results in sediment yields/flow velocities, that to the maximum extent practicable, will not be greater than the sediment yield levels and flow velocities from pre-construction, pre-development conditions) Y/N *Parts 2.1.1.2, 9.4.1.1*	Y	N	No SWPPP No Inspections
Describes erosion and sediment	Y	N	

control installation requirements? ➢ Completes installation of downgradient stormwater/sediment controls by the time or immediately following earth-disturbance begins unless infeasible Y/N/NA ➢ Installs all other controls and makes operational as soon as conditions allow Y/N ➢ Uses good engineering practices and follows manufacturer's specifications or explain departures Y/N *Part 2.1.1.3*			
Describes erosion and sediment control maintenance requirements? ➢ Initiates fix immediately and completed by close of next work day (routine maintenance) Y/N ➢ Installs new measure/significant repair no later than 7 calendar days or document why infeasible Y/N *Part 2.1.1.4*	Y	N	
Installs perimeter controls and describes maintenance (removes sediment before it has accumulated to 1/2 of the above-ground height)? *Part 2.1.2.2*	Y	N	
Minimizes sediment track-out? ➢ Restricts vehicle use to properly designated exit points? Y/N ➢ Uses appropriate stabilization techniques at all points that exit onto paved roads? Y/N ➢ Where necessary, uses additional measures to remove sediment prior to exit? Y/N/NA ➢ Removes tracked out sediment prior to the end of the same work day or if occurs on non-work day the next work day? Y/N *Part 2.1.2.3*	Y	N	
Controls discharges from stockpiled sediment or soil? ➢ Locates piles outside of buffers Y/N ➢ Locates piles separate from stormwater controls Y/N ➢ Uses temporary sediment barrier Y/N ➢ Where practicable, provides cover or temporary stabilization Y/N ➢ Does not hose down or sweep into stormwater conveyance unless connected to basin, trap, etc. Y/N ➢ Contains and securely protects pile from wind? Y/N *Part 2.1.2.4*	Y	N	Property next to site is being used to store loose material, see photos.
Minimizes dust? *Part 2.1.2.5*	Y	N	Water truck on site.
Minimizes disturbance of steep slopes? *Part 2.1.2.6*	Y	N	
Preserves topsoil, unless infeasible? *Part 2.1.2.7*	Y	N	N/A- topsoil not useful.

Minimizes soil compaction where final vegetative stabilization or infiltration installed? *Part 2.1.2.8*	Y	N	Entire site will be paved.
Protects storm drain inlets and describes maintenance requirements (removes sediment by the end of the same work day or end of the following work day)? *Part 2.1.2.9*	Y	N	Site slopes away from the paved road.
Describes constructed conveyance channel controls (if installed)? *Part 2.1.3.1*	Y	N	N/A
Describes sediment basin design (if installed) and maintenance (maintain at least ½ of capacity at all times)? *Part 2.1.3.2*	Y	N	N/A
Describes treatment chemical controls (if used)? *Part 2.1.3.3*	Y	N	N/A
Includes documentation for use of treatment chemicals (polymers, flocculants, or other treatment chemicals)? ➢ Lists all soil types expected to be exposed and locations where chemicals will be applied. Also include a list of soil types expected to be found in fill material to be used in same areas Y/N ➢ Lists all treatment chemicals and why the selection of these chemicals is suited to the soil characteristics Y/N ➢ If authorized by EPA to use cationic treatment chemicals, includes the specific controls and implementation procedures designed to ensure use of cationic treatment chemicals will not lead to a violation of water quality standards Y/N/NA ➢ Dosage/methodology to determine dosage Y/N ➢ Information from any applicable MSDS Y/N ➢ Schematic drawings of any chemically-enhanced or chemical treatment systems Y/N/NA ➢ Description of how chemicals will be stored Y/N ➢ References to applicable state or local requirements and copies of applicable manufacturer's specifications Y/N ➢ Description of training that personnel have received or will receive Y/N *Parts 7.2.10.2, 2.1.3.3h*	Y	N	N/A
Describes dewatering controls (if installed)? *Part 2.1.3.4*	Y	N	N/A

Stabilization Requirements			Notes:
Describes compliance with deadlines for vegetative and/or non-vegetative stabilization practices, including exceptions? Deadline to Initiate ➢ Initiates stabilization immediately (no later than end of next work day following earth-disturbing activities permanently/temporarily ceased) Y/N/N/A Deadline to Complete ➢ As soon as practicable, but no later 14 calendar days after initiation, completes stabilization (for vegetative, all activities to initially seed or plant, and/or for non-vegetative, installation or application) Y/N ➢ In arid, semi-arid or drought-stricken areas for permanent stabilization, immediately initiates, and within 14 calendar days completes non-vegetative stabilization measures to prevent erosion; and as soon as practicable completes all activities necessary to initially seed or plant; and documents beginning/ending dates of the seasonally dry period, site conditions, and schedule Y/N/NA ➢ Documents/describes circumstances beyond control that prevent meeting deadlines Y/N/NA ➢ If discharging to sediment or nutrient-impaired waters or Tier 2~~, 2.5~~ or 3 waters, completes stabilization (vegetative or non-vegetative) wi/7 calendar days after temporary or permanent cessation Y/N/NA *Parts 7.2.10.3, 2.2.1, 3, 9.4.1.3*	Y	N	
Describes compliance with vegetative (final) stabilization criteria? ➢ Provides uniform vegetation (e.g., evenly distributed, without large bare areas) perennial vegetative cover with a density of 70% of the native background vegetative cover for all unpaved areas / areas not covered by permanent structures Y/N ➢ Immediately after seeding or planting the area to be vegetatively stabilized, to the extent necessary to prevent erosion on the seeded or planted area, select, design, and install non-vegetative erosion controls that provide cover while vegetation is becoming established Y/N *Parts 7.2.10.3, 2.2.2.a, 3, 9.4.1.4*	Y	N	

If applicable, describes compliance with State of New Mexico, except Indian country, arid, semi-arid areas, or drought stricken option for final stabilization: ➢ Area seeded/planted must wi/3 yrs provides established vegetation that achieves 70% of the native background vegetative cover Y/N ➢ Selects, designs, and installs non-vegetative erosion controls that provide cover for at least 3 years without active maintenance Y/N ➢ Complies with notification, inspection maintenance, and reporting) Y/N *Parts 7.2.10.3, 2.2.2.b, 3, 9.4.1.5*	Y	N	
If using, provides effective non-vegetative cover to stabilize? *Parts 7.2.10.3, 2.2.2.2*	Y	N	Site will be completely paved.
Pollution Prevention Procedures			**Notes:**
Describes procedures for <u>spill prevention and response</u>? *Parts 7.2.11.1, 2.3.4*	Y	N	
Describes procedures for <u>waste management</u>? *Part 7.2.11.2, 2.3.3.3*	Y	N	
Eliminates prohibited discharges? ➢ Concrete washout, unless managed by control in Part 2.3.3.4 Y/N ➢ Washout/cleanout of stucco, paint, form release oils, curing compounds and other materials unless managed by control in Part 2.3.3.4 Y/N ➢ Fuels, oils or other from vehicle and equipment O&M Y/N/NA ➢ Soaps, solvents, or detergents used in vehicle and equipment washing Y/N/NA ➢ Toxic or hazardous substances from spill/release Y/N/NA *Part 2.3.1*	Y	N	
Properly maintains and protects all pollution prevention controls? *Part 2.3.2*	Y	N	
Complies with pollution prevention standards for certain activities? ➢ Fueling/maintenance of equipment or vehicles Y/N/NA ➢ Washing of equipment and vehicles Y/N/NA ➢ Storage, handling, disposal of materials, products and waste Y/N/NA ➢ Washing applicators/containers Y/N/NA *Part 2.3.3*	Y	N	
Minimizes discharge/complies with restrictions of <u>fertilizer application</u>? *Part 2.3.5*	Y	N	

Inspections and Corrective Action			
SWPPP describes procedures for <u>inspection, maintenance, and corrective action</u>? ➢ Personnel conducting inspections Y/N ➢ Inspection schedule Y/N ➢ Reduction of inspection frequency Y/N/NA. As applicable: o location of the rain gauge or the address of weather station to obtain rainfall data Y/N/NA o beginning and ending dates of the seasonally-defined arid period for your area or the valid period of drought Y/N/NA o beginning and ending dates of frozen conditions Y/N/NA ➢ Inspection or maintenance checklists or other forms that will be used Y/N *Parts 7.2.12*	Y	N	
Inspections			**Notes:**
Inspections performed by "qualified" person? *Part 4.1.1*	Y	N	No Inspections completed during the three months construction proceeded.
Conducts inspections at a minimum of required frequency unless reductions documented? ➢ Every 7 days <u>or</u> 14 days & w/in 24 hrs of a 0.25" rain event Y/N *Part 4.1.2*	Y	N	
If applicable, conducts increased inspection frequency for sites with discharges to sediment or nutrient-impaired waters or Tier 2~~, 2.5~~ or 3 waters: ➢ Once every 7 days Y/N; <u>and</u> ➢ Within 24 hrs of a ≥ 0.25" rain event Y/N? *Parts 4.1.3, 3.3.2.1, 3.3.2*	Y	N	N/A
If allowable (begin/end dates recorded), documents reduced inspection frequency? ➢ Stabilized area - 1/mo in areas where stabilization has been completed Y/N/NA ➢ For arid/semi arid during seasonally dry period or drought-stricken areas - 1/mo and wi/24 hrs of the occurrence of a storm event ≥ 0.25" Y/N/NA ➢ For frozen conditions (runoff unlikely, disturbance suspended, areas stabilized) - suspends until thawing conditions Y/N/NA *Part 4.1.4.1 thru 3*	Y	N	
Inspection areas includes: ➢ All cleared, graded, excavated, and not completed stabilization Y/N ➢ All controls/measures Y/N ➢ Material/waste/borrow/equipment storage and maintenance areas Y/N Does not address stockpiled sediment ➢ All areas stormwater typically flows Y/N ➢ All points of discharge Y/N - Does not address storm drain inlet ➢ All locations stabilization implemented Y/N/NA *Part 4.1.5*	Y	N	

Inspection includes minimum requirements? ➢ Controls installed/operational Y/N ➢ Determines need to replace, repair, or maintain Y/N ➢ Conditions that could lead to spills, leaks, and accumulations of pollutants Y/N ➢ Identifies where new or modified controls are necessary Y/N ➢ At points of discharge, checks for visible erosion/sedimentation on banks Y/N/NA ➢ Identifies noncompliance Y/N ➢ If discharge is occurring: o Identifies all points of discharge Y/N o Observes/documents visual quality, including color, odor, floating, settled, or suspended solids, foam, oil sheen, and other of pollutants Y/N o Documents whether controls operating effectively, and describes controls not operating as intended or need maintenance Y/N ➢ Based on results of inspection, initiates corrective action under Part 5. *Part 4.1.6*	Y	N	
Inspection reports: ➢ Completed within 24 hrs Y/N ➢ Includes inspection date Y/N ➢ Includes names/titles of personnel Y/N ➢ Includes summary of findings Y/N ➢ Includes applicable rain gauge reading Y/N/NA ➢ Signed and certified in accordance with Appendix I.11 Y/N *Part 4.1.7.1 and 2*	Y	N	

Corrective Action			Notes:
Corrective action initiated immediately; and permanent solution completed no later than 7 calendar days from the time of discovery or if infeasible as soon as practicable? *Part 5*	Y	N	In the three months since construction started, no inspections completed.
Within 24 hours of discovering the occurrence, completes a report of the following: ➢ Condition identified Y/N ➢ Nature of the condition identified Y/N ➢ Date and time of the condition identified and how it was identified Y/N *Part 5.4*	Y	N	
Within 7 calendar days of discovering the occurrence, completes a report of the following: ➢ Follow-up actions taken to review the design, installation, and maintenance of stormwater controls, including the dates such actions occurred Y/N ➢ Summary of stormwater control modifications taken or to be taken Y/N ➢ Schedule of activities necessary to implement changes Y/N ➢ Date the modifications are completed or expected to be completed Y/N ➢ Notice of whether SWPPP modifications are required as a result of the condition identified or corrective action Y/N ➢ Signed and certified in accordance with Appendix I.11 Y/N *Parts 5.4.2, 5.4.3*	Y	N	

Implementation *(complete in field)* *(Narrative Description if Control Measures Installed, Operational, Effective and Maintained)*	
Erosion and Sediment Control Practices ***Part 2.1***	
Minimize area of disturbance:	*(Provide brief description)* The entire two acre site has been disturbed.
Buffer compliance:	*(e.g., provide and maintain a 50-foot undisturbed natural buffer)* Downslope area under site has buffer zone, property alongside used for storage does not, see photos.
Perimeter controls:	*(e.g., filter berms, silt fences, temporary diversion dikes)* BMP, silt fence, only found along east side of property.
Exit point or sediment track out:	*(e.g, aggregate stone with an underlying geotextile or non-woven filter fabric, or turf mats, wheel washing, rumble strips, plates, sweeping)* None in place.
Stockpiled sediment or soil:	*(e.g., berms, dikes, fiber rolls, silt fences, sandbag, gravel bags)* Stockpiled sediment stored on property alongside site.
Minimize dust:	*(e.g., application of water or other dust suppression techniques)* Dust suppression provided by application of water when necessary.
Steep slopes:	*(e.g., standard erosion and sediment control practices, phasing disturbances, stabilization practices)* Site somewhat level, slopes towards the east or the river.
Preserve topsoil:	*(e.g., stockpiling or transfer of topsoil to other locations)* None retained.
Soil compaction:	*(e.g., restrict vehicle / equipment use, soil conditioning techniques)* Entire site will be paved.
Storm drain inlet protection:	*(e.g., fabric filters, sandbags, concrete blocks, gravel barriers)* No storm drains in place at present time.
Conveyance channels:	*(e.g., erosion controls, and velocity dissipation check dams, sediment traps, riprap, or grouted riprap at outlets)* Only BMP is silt fence on east perimeter of site.
Sediment basin:	*(e.g., outlet structures that withdraw from the surface, stabilization, erosion controls, velocity dissipation, kept at least ½ design capacity)* N/A

Erosion and Sediment Control Practices - Continued	
Treatment chemicals:	*(e.g., spill berms, decks, spill containment pallets, storing chemicals in covered area, spill kit available on site)* N/A
Dewatering:	*(e.g., sediment basins or sediment traps, sediment socks, dewatering tanks, tube settlers, weir tanks, or filtration systems (e.g., bag or sand filters) designed to remove sediment)* N/A
Other erosion and sediment controls or practices:	*(Provide brief description)* Piles of rock/dirt pushed to back of property, east side.
Stabilization Practices *Part 2.2*	
Stabilization:	*(e.g., soil conditioning, application of seed or sod, planting of seedlings or other vegetation, application of fertilizer, watering, mulch, rolled erosion control products, control blankets, riprap, gabions, geotextiles)* Site active.
Are stabilization measures initiated immediately? **Y/N Are they completed within 14 days of construction cessation**? **Y/N**	*(e.g. indicate "yes" or "no"; if not within 14 days of construction cessation, how long without stabilization measures?)* Construction cessation has not occurred.
Pollution Prevention Measures *Part 2.3*	
Fueling and maintenance of vehicles:	*(e.g., locating activities away from surface waters and stormwater inlets or conveyances, providing secondary containment (e.g., spill berms, decks, spill containment pallets)and cover where appropriate, and/or having spill kits readily available)* N/A – No fueling or maintenance taking place on-site.
Washing equipment & vehicles:	*(e.g., locating activities away from surface waters, stormwater, inlets, conveyances, sediment basin or sediment trap, using filtration devices, such as filter bags or sand filters, plastic sheeting, temporary roofs)* N/A
Washing applicators/containers (e.g., stucco, paint, concrete, form release oils, curing compounds, and other construction materials)	*(e.g., leak-proof container or pit, locate as far away as possible from surface waters, inlets or conveyances, designate areas)* N/A
Pollution Prevention Measures – Continued	

Storage, handling, disposal of construction materials, products and waste:	*Building products (e.g., asphalt sealants, copper flashing, roofing materials, adhesives, concrete admixtures):* No storage of chemicals on site.
	Pesticides, herbicides, insecticides, fertilizers, and landscape materials: N/A
	Diesel fuel, oil, hydraulic fluids, other petroleum products, and other chemicals: N/A
	Hazardous or toxic waste (e.g, paints, solvents, petroleum-based products, wood preservatives, additives, curing compounds, acids): N/A
	Construction and domestic waste (e.g., packaging materials, scrap construction materials, masonry products, timber, pipe and electrical cuttings, plastics, styrofoam, concrete, and other trash or building materials): The construction site was free of trash or debris
	Sanitary waste: Port-a-potties on site.
Fertilizer application:	*(e.g., avoids applying before heavy rains, never applies to frozen ground, never applies to conveyance channels with flowing water)* N/A
Miscellaneous	
Evidence of not allowable non-storm water discharges or prohibited discharge?	*(Provide brief description and determine whether any non-storm water discharges allowable)* None seen
Evidence of sediment deposition to surface waters or MS4?	*(e.g. significant turbidity observed in a receiving water body)* No

NMR12AS56 & NMU001877 response dated May 16, 2014.

Daniel

RECEIVED
MAY 19 2014
SURFACE WATER QUALITY BUREAU

CROSSLAND
CONSTRUCTION COMPANY, INC.
833 S. East Ave • P.O. Box 45
Columbus, KS 66725
tel 620.429.1414
fax 620.429.2125

Certified Mail – Return Receipt Requested

May 16, 2014

Mr. Bruce Yurdin
Harold Runnels Building, N2050
1190 South St. Francis Drive (87505)
P.O. Box 5469
Santa Fe, NM 87502-5469

Re: NPDES Compliance Evaluation Inspection NPDES Permit **NMR12AS56**;
April 2, 2014 – Crossland Construction Company, Inc.
NPDES Compliance Evaluation Inspection NPDES Permit **NMU001877**;
April 2, 2014 – Burton Hotel Group

Dear Ms. McDonald,

This letter is a follow up to the New Mexico Environment Department Report dated April 22, 2014 **(see attached)** and their finding on the visit to the Comfort Suites Site in Carlsbad, NM. I am responding to both NPDES Permit NMR12AS56 and NPDES Permit MNU001877 related to the same inspection. My responses are to provide the State of New Mexico and the USEPA adequate documentation were in place as required by the federal Clean Water Act.

In response to the **Findings** per NPDES Permit NMU001877 Construction Storm Water Compliance Evaluation Inspection dated April 2, 2014. It is Burton Hotel Group intent to use the same SWPPP plan dated 2-6-14 and work under the same Notice of Intent (NOI) dated 2-19-14. Attached is the Letter stating the SWPPP plan in place and used by Crossland Construction Company, Inc is acceptable.

Letter from Burton Hotel Group dated 5-13-14 **(see attached)**

In response the **Findings** per NPDES Permit NMR12AS56 Construction Storm Water Compliance Evaluation Inspection dated April 2, 2014. Crossland Construction Company, Inc. has provided following documents listed below detailing the SWPPP Plan with the NOI were in place the month of February. The SWPPP and inspections has been printed and made available in our site construction office. See attached documents.

SWPPP Plan – Dated 2-6-14 **(see attached)**
Storm Water Drawings – Dated 10-17-13 **(see attached)**
Notice of Intent (NOI) for Storm Water Discharges – Dated 2-19-14 **(see attached)**

In respond to the NMED/SWQB Official Photograph Log. We have attached pictures of the corrections.

Photo #1 (shown on NMED report)
Site has remained clean as shown on the attached Photo #1A.

Photo #2 (shown on NMED report)
Silt fence has been repaired and maintained as shown on the attached Photo #2A.

Photo #3 (shown on NMED report)
Building material has been removed from adjacent property not owned by Burton Hotel Group as shown on the attached Photo #3A.

Photo #4 (shown on NMED report)
Building material shown in the attached photo was placed and moved onto the building pad the same week material was placed on site. See attached Photo #4A. No fill materials are stored onsite.

If you have any questions please give me a call at 620-202-1637

Sincerely,

CROSSLAND CONSTRUCTION COMPANY, INC.

Clint Riggs
Project Manager

CC: Diane McDonald (6EN-WT)

SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lieutenant Governor

NEW MEXICO
ENVIRONMENT DEPARTMENT

Surface Water Quality Bureau

Harold Runnels Building, N2050
1190 South St. Francis Drive (87505)
P.O. Box 5469, Santa Fe, NM 87502-5469
Phone (505) 827-0187 Fax (505) 827-0160
www.nmenv.state.nm.us

RYAN FLYNN
Cabinet Secretary-Designate

BUTCH TONGATE
Deputy Secretary

ERIKA SCHWENDER
Director
Resource Protection Division

Certified Mail - Return Receipt Requested

April 22, 2014

Mr. John Priest, Division Manager
Crossland Construction Company, Inc.
833 East Ave
Columbus, KS 66725-2307

Re: Crossland Construction Company, Inc.; Minor; Construction Stormwater; SIC 1522; NPDES Compliance Evaluation Inspection; NPDES Permit NMR12AS56; April 2, 2014

Dear Mr. Priest:

Enclosed please find a copy of the report for the referenced inspection that the New Mexico Environment Department (NMED) conducted at a construction site for which you may be an "operator" (see Appendix A in permit). The NMED conducted this inspection on behalf of the U.S. Environmental Protection Agency (USEPA). This inspection report will be sent to the USEPA in Dallas for their review. These inspections are used by USEPA to determine compliance with the National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the federal Clean Water Act.

Problems noted during this inspection are listed in the checklist section of the inspection report. You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and to modify your operational and/or administrative procedures, as appropriate. If you have comments on or concerns with the basis for the findings in the NMED inspection report, please contact us (see the address above) in writing within 30 days from the date of this letter. Further, notify in writing both USEPA (Diana McDonald, USEPA (6EN-WT), 1445 Ross Ave., Dallas, Texas, 75202), NMED (at the above address) regarding modifications and compliance schedules.

If you have any questions about this inspection report, please contact Daniel Valenta at 505-827-2575 or at daniel.valenta@state.nm.us.

Sincerely,

Bruce J. Yurdin
Program Manager
Point Source Regulation Section
Surface Water Quality Bureau

cc: Rashida Bowlin, USEPA (6EN-AS) by e-mail
Carol Peters, USEPA (6EN-WM) by e-mai
Brent Larsen, USEPA (6WQ) by e-mail
Racquel Douglas, USEPA (6EN-WM) by e-mail
Gladys Gooden-Jackson, USEPA (6EN-WC) by e-mail
NMED District III, Mike Kesler by e-mail

EPA

Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspec. Type	Inspector	Fac Type
1 N 2 5 3	N M R 1 2 A S 5 6 11 12	1 4 0 4 0 2 17 18	I	19 S 20	2

Remarks: C O N S T R U C T I O N 2 A C R E S

Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved
67 69	70 2	71 N 72	N 73 74	75 80

Section B: Facility Data

Name and Location of Facility Inspected *(For industrial users discharging to POTW, also include POTW name and NPDES permit number)*	Entry Time /Date	Permit Effective Date
Comfort Suites Construction Site, 2532-2598 W. Pierce St. approximate address, Carlsbad, NM 88220-approximate address **Eddy County**	**1422 hours/4-2-2014**	**2-16-2012**
	Exit Time/Date **1540 hours/4-2-2014**	Permit Expiration Date **2-16-2017**

Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data
Mr. Joe Sloniker/Superintendent/620-429-1414/cell 417-434-5849/fax 620-429-2125	**GPS:** **N. 32° 26' 41.46"** **W. -104° 15' 36.92"** **SIC: 1522**
Name, Address of Responsible Official/Title/Phone and Fax Number **Mr. John Priest, Crossland Construction Company, Inc., 833 East Ave. Columbus, KS/ Division Manager/ 620-429-1414 fax 620-429-1412**	Contacted Yes [ ] No [*]

Section C: Areas Evaluated During Inspection
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

U	Permit	N	Flow Measurement	N	Operations & Maintenance	N	CSO/SSO
U	Records/Reports	N	Self-Monitoring Program	N	Sludge Handling/Disposal	N	Pollution Prevention
U	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
N	Effluent/Receiving Waters	N	Laboratory	U	Storm Water	N	Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

1. **This report is based on review of files maintained by the permittee and NMED, on site observation by NMED personal and verbal information provided by the facility's representative.**

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone/Fax	Date
Daniel Valenta Daniel Valenta	**NMED/SWQB 505-827-2575**	4/21/14
Signature of Management QA Reviewer **Sarah Holcomb** Sarah H Holcomb	**Agency/Office/Phone and Fax Numbers** **NMED/SWQB 505-827-2798**	**Date** 4-22-14

EPA Form 3560-3 (Rev. 9-94) Previous editions are obsolete.

NPDES Construction Storm Water
Compliance Evaluation Inspection
April 2, 2014

Further Explanations

Introduction

On April 2, 2014 a Compliance Evaluation Inspection (CEI) was conducted by Daniel Valenta of the NMED SWQB at a 2 acre construction site located at 2532-2598 West Pierce Street, Carlsbad, New Mexico 88220 – approximate address. At this site a Comfort Suites Motel was being constructed with the estimated project start date of January 1, 2014 and an estimated completion date of July 1, 2014. The project owner is the Burton Hotel Group of Carlsbad, LLC, site contractor Crossland Construction Company, Inc., General Corporation.

An entrance interview was conducted at the site with Mr. Joe Sloniker, Superintendent, at approximately 1422 hours on April 2, 2014. The inspector made introductions, presented his credentials and discussed the purpose of the inspection. A brief exit interview to discuss the preliminary findings of the inspection was conducted at the site with Mr. Sloniker at approximately 1540 on 4/2/20104. This report is based on a review of the EPA online notice of intent (eNOI) database, review of files maintained by NMED, readily available on-line aerial photographs, on-site observation by NMED personnel, and verbal information provided by the site representative.

Discharge from this site may flow into the Pecos River (20.6.4.203 NMAC). The designated uses for this segment are industrial water supply, livestock watering, wildlife habitat, primary contact; and warm water aquatic life.

Clean Water Act and Permit Requirements

Section 301 (a) of the Federal Water Pollution Control Act states that *"Except as in compliance with this section and sections 302, 306, 307, 318, 402 and 404 of this Act, the discharge of any pollutant by any person shall be unlawful."*

Per 40 CFR Part 122.26, storm water discharges associated with construction activity are required to obtain coverage under an NPDES permit. Large construction activity is defined in 40 CFR Part 122.26(b)(14)(x), as follows: *"Construction activity including clearing, grading and excavation, except operations that result in the disturbance of less than five acres of total land area. Construction activity also includes the disturbance of less than five acres of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb five acres or more."*

Beginning on March 10, 2003, storm water discharges associated with small construction activity became regulated according to 40 CFR Part 122.26(b)(15)(i) for *"[c]onstruction activities including clearing, grading and excavating that result in land disturbance of equal to or greater than one acre and less than five acres. Small construction activity also includes the disturbance of less than one acre of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb equal to or greater than one acre and less than five acres."*

NPDES Construction Storm Water
Compliance Evaluation Inspection
April 2, 2014

Permit coverage is required from the "commencement of construction activities" until "final stabilization" as defined in Appendix A of the USEPA's 2012 Construction General Permit (CGP). Among other things, the CGP requires that a Storm Water Pollution Prevention Plan (SWPPP) be prepared for the site construction and after construction to prevent, to the extent practicable, pollutants (primarily sediment, oil & grease and construction materials from the construction site) in storm water runoff from entering waters of the U.S. This permit also requires that permanent stabilization measures (revegetation, paving, etc.) and permanent storm water management measures (storm water detention/retention structures, velocity dissipation devices, etc.) be implemented post construction to minimize, in the long term, pollutants in storm water runoff from entering these waters.

The 2012 CGP, Definitions, Appendix A, states, *"Operator" – for the purpose of this permit and in the context of stormwater discharges associated with construction activity, any party associated with a construction project that meets either of the following two criteria:*

1. *The party has operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications; or*

2. *The party has day-to-day operational control of those activities at a project that are necessary to ensure compliance with the permit conditions (e.g., they are authorized to direct workers at a site to carry out activities required by the permit). This definition is provided to inform permittees of EPA's interpretation of how the regulatory definitions of "owner or operator" and "facility or activity" are applied to discharges of stormwater associated with construction activity.*

Findings

- **Burton Hotel Group of Carlsbad, LLC does not have permit coverage under the Construction General Permit and has not prepared the required documents to file for and receive a permit.**

- **Crossland Construction Company, Inc., General Corporation has filed for, February 19, 2014, and received, CGP NMR12AS56, permit coverage. However no other required documents have been prepared. A Storm Water Pollution Prevention Plan (SWPPP) was not completed for the site, no site inspections documented.**

USEPA's CGP was re-issued effective February 16, 2012 (Federal Register/Vol. 77, No. 40/Wednesday, February 29, 2012, pg. 12286) and replaced the 2008 CGP which expired on February 15, 2012. Common requirements for coverage under a construction stormwater permit include development of a written stormwater pollution prevention plan (SWPPP), implementation of control measures, and submittal of a request for permit coverage, usually referred to as the Notice of Intent or NOI.

The SWPPP is a written assessment of potential sources of pollutants in stormwater runoff and control measures that will be implemented at your site to minimize the discharge of these pollutants in runoff from the site.

These control measures include site-specific best management practices (BMPs), maintenance plans, inspections, employee training, and reporting. The procedures detailed in the SWPPP must be implemented by the site and updated as necessary, with a copy of the SWPPP kept on-site. These control measures include site-specific best management practices (BMPs), maintenance plans, inspections, employee training, and reporting. The procedures detailed in the SWPPP must be implemented by the site and updated as necessary.

A SWPPP should include the following information:

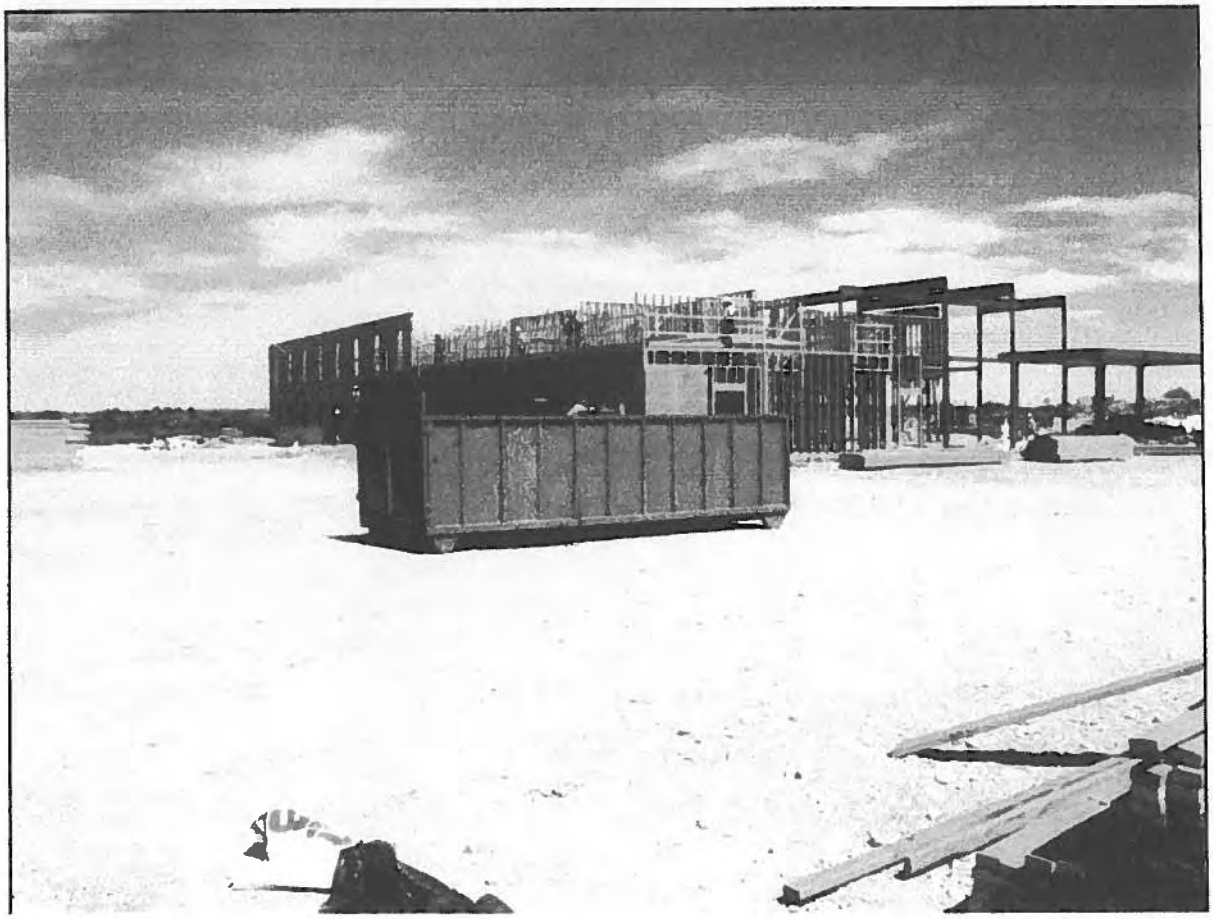
- A description of potential pollutant sources – includes a site map, an identification of the types of pollutants that are likely to be present in stormwater discharges, an inventory of the types of materials handled at the site that potentially may be exposed to precipitation, a list of significant spills and leaks of toxic or hazardous pollutants, sampling data, a narrative description of the potential pollutant sources from specific activities at the facility, and identification of specific potential pollutants; and

- A description of appropriate measures and controls – includes the type and location of existing and proposed non-structural and structural best management practices (BMPs) selected for each of the areas where industrial materials or activities are exposed to stormwater. Non-structural and structural BMPs to be described and implemented include such things as good housekeeping, preventive maintenance, spill prevention and response procedures, periodic inspections, employee training, record keeping, non-storm water evaluations and certifications, sediment and erosion control, as well as implementation/maintenance of traditional stormwater management practices, where appropriate.

NMED/SWQB
Official Photograph Log

Photo # 1

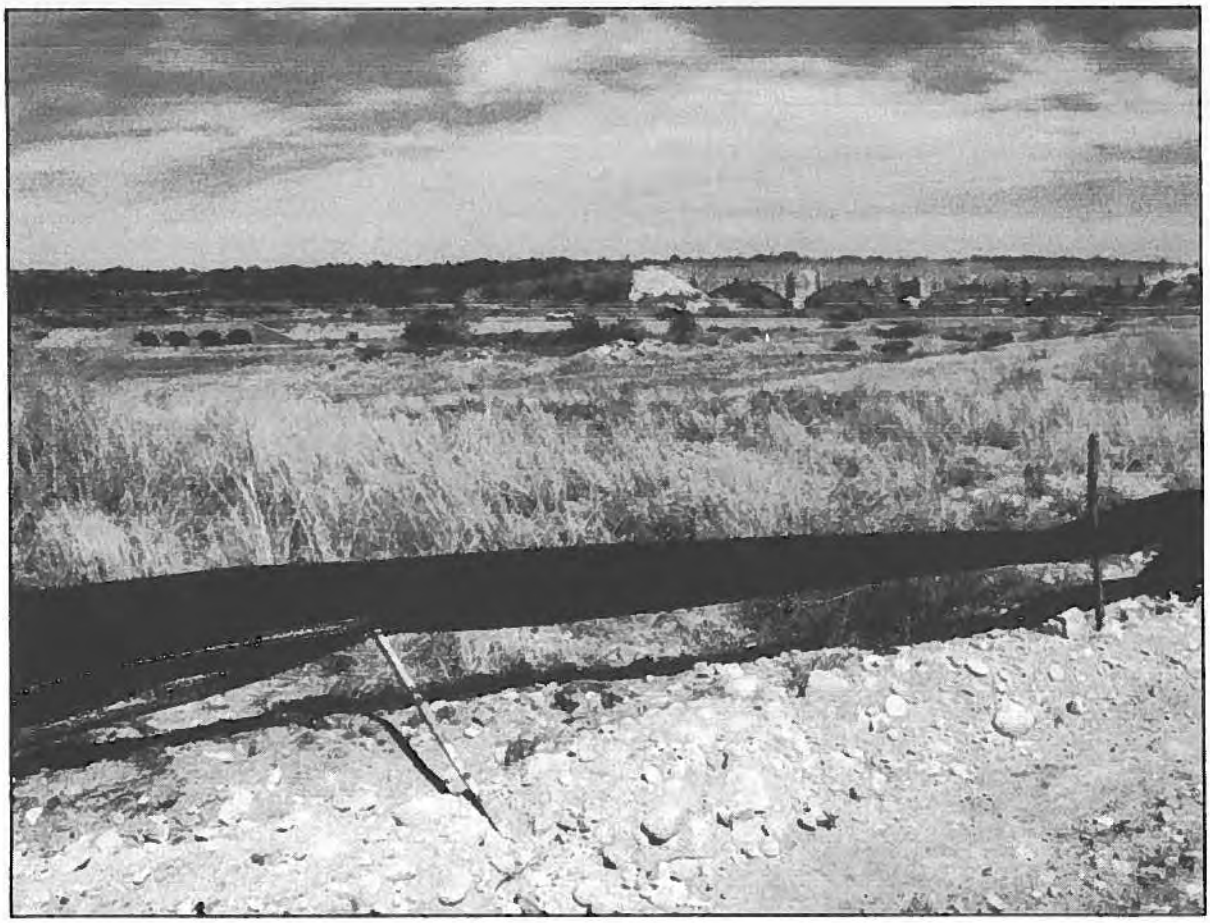
Photographer: Daniel Valenta	Date: 4/2/2014	1331 hours
City/County: Carlsbad/Eddy County		
Location: 2532-2598 West Pierce Street, Carlsbad, New Mexico 88220 – approximate address		
Subject: Comfort Suites Motel construction next to the Pecos River, facing east.		



NMED/SWQB
Official Photograph Log

Photo # 2

Photographer: Daniel Valenta	Date: 4/2/2014	1326 hours
City/County: Carlsbad/Eddy County		
Location: 2532-2598 West Pierce Street, Carlsbad, New Mexico 88220 – approximate address		
Subject: Downhill east side of property faces the Pecos River. Very windy day, BMP needs repair, facing southeast. An undisturbed buffer zone was left next to the river.		



NMED/SWQB
Official Photograph Log

Photo # 3

Photographer: Daniel Valenta	Date: 4/2/2014	1322 hours
City/County: Carlsbad/Eddy County		
Location: 2532-2598 West Pierce Street, Carlsbad, New Mexico 88220 – approximate address.		
Subject: Southeast side of property is not owned by Burton Hotel Group, area being used to store building materials for the construction project, no BMP's in place.		

NMED/SWQB
Official Photograph Log

Photo # 4

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Subject: Southeast side of property is not owned by Burton Hotel Group, area being used to store building materials for the hotel construction project, no BMP's in place.		

National Database Information		General	
Inspection Type	CEI	Inspector Name	Daniel Valenta
NPDES ID Number	NMR12AS56/NMR001877	Telephone	505-827-2575
Inspection Date	April 2, 2014	Entry Time	1422 AM
Inspector Type (circle one)	EPA [State] EPA Oversight SIC: 1522 / Construction	Exit Time	1540 AM
Facility Type (circle one)	[Commercial / Residential /] Municipal / Industrial	Signature	

Facility Location Information				
Name/Location/Mailing Address	Comfort Suites Hotel, 2532-2598 West Pierce Street, Carlsbad, NM 88220, approximate address,			
Coordinates	Latitude	(32 26 41.46)	Longitude	(-104 15 36.92)
Receiving Waters	Pecos River (20.6.4.203 NMAC)			
Disturbed Area	2+ Acres	Start/Stop Dates	Start: 02/01/2014 Stop: 07/01/2014	

Contact Information		
	Name(s)	Telephone
Name(s) and Role(s) of All Parties Meeting the Definition of Operator	Burton Hotel Group - Owner Crossland Construction – Contractor	(918) 492-7811 (620) 429-1414
Facility Contact	Joe Sloniker - Superintendent	(417) 434-5849 cell
Authorized Official(s)	David Burton - Owner John Priest – Division Manager	(918) 492-7811 (620)429-1414

Site Information:							
Nature of Project	Residential	[Commercial] / Industrial	Roadway	Private	Federal	State / Municipal	
Construction Stage	Clearing / Grubbing	Rough Grading	Infrastructure	[Building] (Vertical)	Final Grading	Final Stabilization	

Basic Permit Information			Basic SWPPP Information		
Permit Coverage	[Y]	[N]	SWPPP Prepared & Available? *Part 7.1.1, 7.2.1*	Y	[N]
Permit Type	[General]	Individual	SWPPP Contents Satisfactory?	Y	[N]
Notice Posted (visible, font large, NPDES Permit tracking#, contact name & phone #) *Part 1.5*	Y	[N]	SWPPP Implementation Satisfactory?	Y	[N]
	Contractor	Owner			
NOI Date	(2/19/2014)	No Permit	SWPPP Date	No SWPPP	Signature date
Is NOI Satisfactory?	[Y]	[N]			

Additional Facility and Inspection Information *(optional)*

SWPPP Review *(can be completed in office)*			
General			**Notes:**
SWPPP Signed/Certified. Did all operators sign/certify the SWPPP? *Part 7.2.15, Appendix I.11*		N	No SWPPP
SWPPP completed prior to NOI? *Part 7.1.1, Part 1.2.1*		N	No SWPPP
Endangered Species Act. Does SWPPP include documentation supporting determination? *Part 7.2.14.1; Part 1.1.e, Appendix D*		N	No SWPPP
Historic Properties. Does SWPPP include documentation supporting determination? *Part 7.2.14.2, Appendix E*		N	
If applicable, documents contact with agency or office responsible for implementing Safe Drinking Water Act underground injection control well(s)? *Part 7.2.14.3, 40 CFR Parts 144 -147*	Y	N	N/A
Post-Authorization Additions. Does SWPPP include: ➢ Copy of acknowledgement letter Y/N ➢ Copy of NOI Y/N ➢ Copy of permit Y/ N *Part 7.2.16.3*		N	No SWPPP
If applicable, SWPPP describes compliance with any case-by-case basis USEPA imposed water quality-based effluent limitation requirements? *Part 3*	Y	N	*N/A*
If discharge to an impaired water, includes records of all data used to complete NOI: ➢ List of all impaired waters Y/N ➢ Pollutant(s) for which the surface water is impaired Y/N ➢ Whether a TMDL has been approved or established Y/N *Part 3.2.1, Appendix I.15*	Y	N	Pecos River (20.6.4.203 NMAC)
Required SWPPP modifications completed? ➢ Completed w/7 days Y/N ➢ Maintains modification records showing dates, name of person authorizing change and summary Y/N ➢ Signed/Certified Y/N ➢ Immediately notified other operators Y/N *Parts 7.4, 5.2.2, Appendix I.11.b*	Y	N	No SWPPP or Inspections.
Records Retention. Have copies of inspection reports/all other documentation been retained as part of the SWPPP for 3 years from date permit coverage expires or is terminated? *Parts 4.1.7, 5.4.4, Appendix I.10.2, I.15*	Y	N	*N/A*

Team & Activity Description			Notes:
Identifies stormwater team personnel and responsibilities? ➢ Personnel (by name or position) Y/N ➢ Individual responsibilities Y/N *Part 7.2.1*	Y	N	
Is staff training documented? ➢ Training occurs prior to the commencement of earth-disturbing activities or pollutant-generating activities, whichever occurs first Y/N ➢ Ensures following understand the requirements of this permit and their specific responsibilities: o Personnel responsible for the design, installation, maintenance, and/or repair of controls/measures Y/N o Personnel responsible for the application and storage of treatment chemicals Y/N o Personnel responsible for conducting inspections Y/N o Personnel responsible for taking corrective actions Y/N ➢ At a minimum, training includes: o Location of all stormwater controls on the site required by this permit, and how maintained Y/N o Proper procedures to follow with respect to the permit's pollution prevention requirements Y/N o When and how to conduct inspections, record applicable findings, and take corrective actions Y/N *Parts 7.2.13, 6 and permit notes for emergency-related construction activities*	Y	N	
Describes nature of construction activities? ➢ Size of the property Y/N ➢ Total area to be disturbed Y/N ➢ Construction support activity areas Y/N ➢ Maximum area to be disturbed at any one time Y/N *Part 7.2.2*	Y	N	2 acres – Total project area
If applicable, documents emergency-related projects? ➢ Cause of public emergency (e.g., natural disaster, extreme flooding conditions, etc.) Y/N ➢ Info substantiating occurrence (e.g., state disaster declaration or similar state or local declaration) Y/N ➢ Description of the construction necessary to reestablish effected public services Y/N *Parts 7.2.3, 1.2*	Y	N	N/A
Identifies (lists) other site operators and areas of site over which each has control? ➢ List and areas of site over which each has control Y/N *Part 7.2.4*	Y	N	
Describes sequence, estimated dates	Y	N	

(departures) and duration of construction activities? ➢ Installation of control measures when operational Y/N ➢ Commencement/duration clearing & grubbing, mass grading, site preparation (excavating, cutting & filling), final grading, and creation of soil & vegetation stockpiles Y/N ➢ Cessation, temporarily or permanently, of construction activities on the site, or in designated portions of site Y/N ➢ Final/temporary stabilization areas of exposed soil Y/N ➢ Removal of temporary stormwater conveyances/channels and other stormwater control measures Y/N ➢ Removal of construction equipment and vehicles Y/N *Part 7.2.5*			A punch list is used to describe sequence of events.
Site Map			**Notes:**
Includes legible site map(s)? *Part 7.2.6*	Y	N	No Site Map.
➢ Boundaries of the property Y/N ➢ Locations construction activities will occur Y/N ➢ Locations earth-disturbing activities will occur (note any phasing) Y/N ➢ Approximate slopes before and after major grading (note steep slopes) Y/N ➢ Locations sediment, soil, or materials will be stockpiled Y/N ➢ Locations of crossings of surface waters Y/N ➢ Designated points vehicles exit onto paved roads Y/N ➢ Locations of structures/impervious surfaces upon completion Y/N ➢ Locations of construction support activity areas Y/N *Part 7.2.6.1*	Y	N	
➢ Locations of surface waters/wetlands, within or in immediate vicinity Y/N ➢ Indicates waters listed as impaired, and Tier 2~~, Tier 2.5,~~ or Tier 3 Y/N *Part 7.2.6.2*	Y	N	
➢ Boundary lines of natural buffers *Parts 7.2.6.3, 2.1.2.1a*	Y	N	Buffer zone by the river left intact.
➢ Areas of federally-listed critical habitat for endangered or threatened species *Part 7.2.6.4*	Y	N	
➢ Topography Y/N ➢ Existing vegetative cover Y/N ➢ Drainage pattern of stormwater/authorized non-stormwater flow onto, over, and from site <u>before and after</u> major grading Y/N *Part 7.2.6.5*	Y	N	
➢ Stormwater and allowable non-stormwater discharge locations Y/N	Y	N	

➢ Locations of storm drain inlets on site and immediate vicinity [Y]/N ➢ Locations stormwater or allowable non-stormwater will be discharged to surface waters (including wetlands) on or near site Y/[N] *Part 7.2.6.6*			
➢ Locations of potential pollutant-generating activities *Part 7.2.6.7, Part 7.2.7*	Y	[N]	
➢ Locations of control measures *Part 7.2.6.8*	Y	[N]	
➢ Locations polymers, flocculants, or treatment chemicals will be used/stored *Part 7.2.6.9*	Y	[N]	
Construction Site Pollutants			**Notes:**
Includes pollutant-generating activities list and description? *Part 7.2.7.1*	Y	[N]	
Includes inventory of pollutants or constituents? ➢ Inventory [Y]/N ➢ Potential spills/leaks [Y]/N ➢ Departures from manufacturer's specifications for applying fertilizers containing nitrogen & phosphorus Y/N/[NA] *Parts 7.2.7.2, 2.3.5.1*	Y	[N]	
Identifies all sources of allowable non-stormwater discharges? *Parts 7.2.8, 1.3.d*	Y	[N]	
If required (surface water w/50 feet of earth disturbance), documents and describes <u>buffer compliance alternative</u> selected? ➢ Ensures that all discharges from the area of earth disturbance to the natural buffer are first treated by the site's erosion and sediment controls Y/[N]/NA ➢ Uses velocity dissipation devices, if necessary Y/[N]/NA ➢ Documents natural buffer width Y/[N]/NA ➢ Delineates, and clearly marks off, with flags, tape, or other similar marking device all natural buffer areas Y/[N]/NA ➢ Documents erosion and sediment control(s) used to achieve an equivalent sediment reduction Y/[N]/NA ➢ Documents any information relied upon to demonstrate equivalency Y/[N]/NA *Parts 7.2.9, 2.1.2, Appendix G*	Y	[N]	N/A

As applicable, describes and documents <u>buffer exceptions</u>? ➢ Describes rationale/why infeasible to provide and maintain an undisturbed natural buffer of any size Y/[N]/NA ➢ For linear project, describes buffer width retained and supplemental controls installed Y/N/[NA] ➢ Small residential lot options Y/N/[NA] ➢ Documents CWA Section 404 Permit, water-dependent structure/access disturbances Y/[N] *Parts 7.2.9; 2.1.2.1e, Appendix G*	Y	[N]	
All Stormwater Control Measures			**Notes:**
Describes each measure? ➢ Type of measure to be installed and maintained, including design information [Y]/N ➢ Specific sediment controls installed and made operational prior to conducting earth-disturbing activities Y/[N] ➢ For exit points, stabilization techniques and any additional controls planned to remove sediment prior to vehicle exit [Y]/N ➢ For linear projects (if applicable), where/why it has been determined that the use of perimeter controls is practicable Y/N/[NA] *Part 7.2.10.1*		[N]	
Erosion and Sediment Controls			**Notes:**
Minimizes <u>area of disturbance</u>? *Part 2.1.1.1*		[N]	
Describes erosion and sediment control <u>design</u> requirements? ➢ Accounts for expected amount, frequency, intensity, duration of precipitation Y/[N] ➢ Accounts for nature of run-on and run-off (channelized peak flow rates & total volume at outlet) Y/[N] ➢ Accounts for range of soil particle sizes (distribution, erosivity and cohesiveness) Y/[N] ➢ Directs discharge to vegetated areas to increase sediment removal and infiltration unless infeasible Y/[N]/NA ➢ Uses velocity dissipation, if necessary Y/[N] ➢ Complies with State of New Mexico except Indian country requirements: o Includes site-specific BMPs/controls designed to prevent to the maximum extent practicable an increase in sediment yield/flow velocity from pre-construction, pre-development conditions both during and after construction Y/[N] o Selection based on appropriate soil loss prediction models (results in sediment yields/flow velocities, that to the maximum extent practicable, will not be greater than the sediment yield levels and flow velocities from pre-construction, pre-development conditions) Y/[N] *Parts 2.1.1.2, 9.4.1.1*	Y	[N]	No SWPPP No Inspections
Describes erosion and sediment control	Y	[N]	

installation requirements? ➢ Completes installation of downgradient stormwater/sediment controls by the time or immediately following earth-disturbance begins unless infeasible Y/[N]/NA ➢ Installs all other controls and makes operational as soon as conditions allow Y/[N] ➢ Uses good engineering practices and follows manufacturer's specifications or explain departures Y/[N] *Part 2.1.1.3*			
Describes erosion and sediment control maintenance requirements? ➢ Initiates fix immediately and completed by close of next work day (routine maintenance) Y/[N] ➢ Installs new measure/significant repair no later than 7 calendar days or document why infeasible Y/[N] *Part 2.1.1.4*	Y	[N]	
Installs perimeter controls and describes maintenance (removes sediment before it has accumulated to 1/2 of the above-ground height)? *Part 2.1.2.2*	Y	[N]	
Minimizes sediment track-out? ➢ Restricts vehicle use to properly designated exit points? Y/[N] ➢ Uses appropriate stabilization techniques at all points that exit onto paved roads? Y/[N] ➢ Where necessary, uses additional measures to remove sediment prior to exit? Y/[N]/NA ➢ Removes tracked out sediment prior to the end of the same work day or if occurs on non-work day the next work day? Y/[N] *Part 2.1.2.3*	Y	[N]	
Controls discharges from stockpiled sediment or soil? ➢ Locates piles outside of buffers [Y]/N ➢ Locates piles separate from stormwater controls [Y]/N ➢ Uses temporary sediment barrier Y/[N] ➢ Where practicable, provides cover or temporary stabilization Y/[N] ➢ Does not hose down or sweep into stormwater conveyance unless connected to basin, trap, etc. [Y]/N ➢ Contains and securely protects pile from wind? Y/[N] *Part 2.1.2.4*	Y	[N]	Property next to site is being used to store loose material, see photos.
Minimizes dust? *Part 2.1.2.5*	[Y]	N	Water truck on site.
Minimizes disturbance of steep slopes? *Part 2.1.2.6*	[Y]	N	
Preserves topsoil, unless infeasible? *Part 2.1.2.7*	Y	[N]	N/A- topsoil not useful.

Minimizes soil compaction where final vegetative stabilization or infiltration installed? *Part 2.1.2.8*	Y	N	Entire site will be paved.
Protects storm drain inlets and describes maintenance requirements (removes sediment by the end of the same work day or end of the following work day)? *Part 2.1.2.9*	Y	N	Site slopes away from the paved road.
Describes constructed conveyance channel controls (if installed)? *Part 2.1.3.1*	Y	N	N/A
Describes sediment basin design (if installed) and maintenance (maintain at least ½ of capacity at all times)? *Part 2.1.3.2*	Y	N	N/A
Describes treatment chemical controls (if used)? *Part 2.1.3.3*	Y	N	N/A
Includes documentation for use of treatment chemicals (polymers, flocculants, or other treatment chemicals)? ➢ Lists all soil types expected to be exposed and locations where chemicals will be applied. Also include a list of soil types expected to be found in fill material to be used in same areas Y/N ➢ Lists all treatment chemicals and why the selection of these chemicals is suited to the soil characteristics Y/N ➢ If authorized by EPA to use cationic treatment chemicals, includes the specific controls and implementation procedures designed to ensure use of cationic treatment chemicals will not lead to a violation of water quality standards Y/N/NA ➢ Dosage/methodology to determine dosage Y/N ➢ Information from any applicable MSDS Y/N ➢ Schematic drawings of any chemically-enhanced or chemical treatment systems Y/N/NA ➢ Description of how chemicals will be stored Y/N ➢ References to applicable state or local requirements and copies of applicable manufacturer's specifications Y/N ➢ Description of training that personnel have received or will receive Y/N *Parts 7.2.10.2, 2.1.3.3h*	Y	N	N/A
Describes dewatering controls (if installed)? *Part 2.1.3.4*	Y	N	N/A

Stabilization Requirements			Notes:
Describes compliance with deadlines for vegetative and/or non-vegetative stabilization practices, including exceptions? Deadline to Initiate ➢ Initiates stabilization immediately (no later than end of next work day following earth-disturbing activities permanently/temporarily ceased) Y/N/N/A Deadline to Complete ➢ As soon as practicable, but no later 14 calendar days after initiation, completes stabilization (for vegetative, all activities to initially seed or plant, and/or for non-vegetative, installation or application) Y/N ➢ In arid, semi-arid or drought-stricken areas for permanent stabilization, immediately initiates, and within 14 calendar days completes non-vegetative stabilization measures to prevent erosion; and as soon as practicable completes all activities necessary to initially seed or plant; and documents beginning/ending dates of the seasonally dry period, site conditions, and schedule Y/N/NA ➢ Documents/describes circumstances beyond control that prevent meeting deadlines Y/N/NA ➢ If discharging to sediment or nutrient-impaired waters or Tier 2~~, 2.5~~ or 3 waters, completes stabilization (vegetative or non-vegetative) wi/7 calendar days after temporary or permanent cessation Y/N/NA *Parts 7.2.10.3, 2.2.1, 3, 9.4.1.3*	Y	N	
Describes compliance with vegetative (final) stabilization criteria? ➢ Provides uniform vegetation (e.g., evenly distributed, without large bare areas) perennial vegetative cover with a density of 70% of the native background vegetative cover for all unpaved areas / areas not covered by permanent structures Y/N ➢ Immediately after seeding or planting the area to be vegetatively stabilized, to the extent necessary to prevent erosion on the seeded or planted area, select, design, and install non-vegetative erosion controls that provide cover while vegetation is becoming established Y/N *Parts 7.2.10.3, 2.2.2.a, 3, 9.4.1.4*	Y	N	

If applicable, describes compliance with State of New Mexico, except Indian country, arid, semi-arid areas, or drought stricken option for final stabilization: ➢ Area seeded/planted must wi/3 yrs provides established vegetation that achieves 70% of the native background vegetative cover Y/[N] ➢ Selects, designs, and installs non-vegetative erosion controls that provide cover for at least 3 years without active maintenance Y/[N] ➢ Complies with notification, inspection maintenance, and reporting) Y/[N] *Parts 7.2.10.3, 2.2.2.b, 3, 9.4.1.5*	Y	[N]	
If using, provides effective non-vegetative cover to stabilize? *Parts 7.2.10.3, 2.2.2.2*	[Y]	N	Site will be completely paved.
Pollution Prevention Procedures			**Notes:**
Describes procedures for <u>spill prevention and response</u>? *Parts 7.2.11.1, 2.3.4*	Y	[N]	
Describes procedures for <u>waste management</u>? *Part 7.2.11.2, 2.3.3.3*	Y	[N]	
Eliminates prohibited discharges? ➢ Concrete washout, unless managed by control in Part 2.3.3.4 [Y]/N ➢ Washout/cleanout of stucco, paint, form release oils, curing compounds and other materials unless managed by control in Part 2.3.3.4 [Y]/N ➢ Fuels, oils or other from vehicle and equipment O&M Y/N/[NA] ➢ Soaps, solvents, or detergents used in vehicle and equipment washing Y/N/[NA] ➢ Toxic or hazardous substances from spill/release Y/N/[NA] *Part 2.3.1*	Y	[N]	
Properly maintains and protects all pollution prevention controls? *Part 2.3.2*	Y	[N]	
Complies with pollution prevention standards for certain activities? ➢ Fueling/maintenance of equipment or vehicles Y/[N]/NA ➢ Washing of equipment and vehicles Y/[N]/NA ➢ Storage, handling, disposal of materials, products and waste Y/[N]/NA ➢ Washing applicators/containers [Y]/N/NA *Part 2.3.3*	Y	[N]	
Minimizes discharge/complies with restrictions of <u>fertilizer application</u>? *Part 2.3.5*	Y	[N]	

Inspections and Corrective Action			
SWPPP describes procedures for <u>inspection, maintenance, and corrective action</u>? ➢ Personnel conducting inspections Y/N ➢ Inspection schedule Y/N ➢ Reduction of inspection frequency Y/N/NA. As applicable: o location of the rain gauge or the address of weather station to obtain rainfall data Y/N/NA o beginning and ending dates of the seasonally-defined arid period for your area or the valid period of drought Y/N/NA o beginning and ending dates of frozen conditions Y/N/NA ➢ Inspection or maintenance checklists or other forms that will be used Y/N *Parts 7.2.12*	Y	N	
Inspections			**Notes:**
Inspections performed by "qualified" person? *Part 4.1.1*	Y	N	No Inspections completed during the three months construction proceeded.
Conducts inspections at a minimum of required frequency unless reductions documented? ➢ Every 7 days <u>or</u> 14 days & w/in 24 hrs of a 0.25" rain event Y/N *Part 4.1.2*	Y	N	
If applicable, conducts increased inspection frequency for sites with discharges to sediment or nutrient-impaired waters or Tier 2~~, 2.5~~ or 3 waters: ➢ Once every 7 days Y/N; <u>and</u> ➢ Within 24 hrs of a ≥ 0.25" rain event Y/N? *Parts 4.1.3, 3.3.2.1, 3.3.2*	Y	N	N/A
If allowable (begin/end dates recorded), documents reduced inspection frequency? ➢ Stabilized area - 1/mo in areas where stabilization has been completed Y/N/NA ➢ For arid/semi arid during seasonally dry period or drought-stricken areas - 1/mo and wi/24 hrs of the occurrence of a storm event ≥ 0.25" Y/N/NA ➢ For frozen conditions (runoff unlikely, disturbance suspended, areas stabilized) - suspends until thawing conditions Y/N/NA *Part 4.1.4.1 thru 3*	Y	N	
Inspection areas includes: ➢ All cleared, graded, excavated, and not completed stabilization Y/N ➢ All controls/measures Y/N ➢ Material/waste/borrow/equipment storage and maintenance areas Y/N Does not address stockpiled sediment ➢ All areas stormwater typically flows Y/N ➢ All points of discharge Y/N - Does not address storm drain inlet ➢ All locations stabilization implemented Y/N/NA *Part 4.1.5*	Y	N	

Inspection includes minimum requirements? ➢ Controls installed/operational Y/N ➢ Determines need to replace, repair, or maintain Y/N ➢ Conditions that could lead to spills, leaks, and accumulations of pollutants Y/N ➢ Identifies where new or modified controls are necessary Y/N ➢ At points of discharge, checks for visible erosion/sedimentation on banks Y/N/NA ➢ Identifies noncompliance Y/N ➢ If discharge is occurring: o Identifies all points of discharge Y/N o Observes/documents visual quality, including color, odor, floating, settled, or suspended solids, foam, oil sheen, and other of pollutants Y/N o Documents whether controls operating effectively, and describes controls not operating as intended or need maintenance Y/N ➢ Based on results of inspection, initiates corrective action under Part 5. *Part 4.1.6*	Y	N	
Inspection reports: ➢ Completed within 24 hrs Y/N ➢ Includes inspection date Y/N ➢ Includes names/titles of personnel Y/N ➢ Includes summary of findings Y/N ➢ Includes applicable rain gauge reading Y/N/NA ➢ Signed and certified in accordance with Appendix I.11 Y/N *Part 4.1.7.1 and 2*	Y	N	

Corrective Action			Notes:
Corrective action initiated immediately; and permanent solution completed no later than 7 calendar days from the time of discovery or if infeasible as soon as practicable? *Part 5*	Y	N	In the three months since construction started, no inspections completed.
Within 24 hours of discovering the occurrence, completes a report of the following: ➢ Condition identified Y/N ➢ Nature of the condition identified Y/N ➢ Date and time of the condition identified and how it was identified Y/N *Part 5.4*	Y	N	
Within 7 calendar days of discovering the occurrence, completes a report of the following: ➢ Follow-up actions taken to review the design, installation, and maintenance of stormwater controls, including the dates such actions occurred Y/N ➢ Summary of stormwater control modifications taken or to be taken Y/N ➢ Schedule of activities necessary to implement changes Y/N ➢ Date the modifications are completed or expected to be completed Y/N ➢ Notice of whether SWPPP modifications are required as a result of the condition identified or corrective action Y/N ➢ Signed and certified in accordance with Appendix I.11 Y/N *Parts 5.4.2, 5.4.3*	Y	N	

Implementation *(complete in field)* *(Narrative Description if Control Measures Installed, Operational, Effective and Maintained)*	
Erosion and Sediment Control Practices *Part 2.1*	
Minimize area of disturbance:	*(Provide brief description)* The entire two acre site has been disturbed.
Buffer compliance:	*(e.g., provide and maintain a 50-foot undisturbed natural buffer)* Downslope area under site has buffer zone, property alongside used for storage does not, see photos.
Perimeter controls:	*(e.g., filter berms, silt fences, temporary diversion dikes)* BMP, silt fence, only found along east side of property.
Exit point or sediment track out:	*(e.g. aggregate stone with an underlying geotextile or non-woven filter fabric, or turf mats, wheel washing, rumble strips, plates, sweeping)* None in place.
Stockpiled sediment or soil:	*(e.g., berms, dikes, fiber rolls, silt fences, sandbag, gravel bags)* Stockpiled sediment stored on property alongside site.
Minimize dust:	*(e.g., application of water or other dust suppression techniques)* Dust suppression provided by application of water when necessary.
Steep slopes:	*(e.g., standard erosion and sediment control practices, phasing disturbances, stabilization practices)* Site somewhat level, slopes towards the east or the river.
Preserve topsoil:	*(e.g., stockpiling or transfer of topsoil to other locations)* None retained.
Soil compaction:	*(e.g., restrict vehicle / equipment use, soil conditioning techniques)* Entire site will be paved.
Storm drain inlet protection:	*(e.g., fabric filters, sandbags, concrete blocks, gravel barriers)* No storm drains in place at present time.
Conveyance channels:	*(e.g., erosion controls, and velocity dissipation check dams, sediment traps, riprap, or grouted riprap at outlets)* Only BMP is silt fence on east perimeter of site.
Sediment basin:	*(e.g., outlet structures that withdraw from the surface, stabilization, erosion controls, velocity dissipation, kept at least ½ design capacity)* N/A

Erosion and Sediment Control Practices - Continued	
Treatment chemicals:	*(e.g., spill berms, decks, spill containment pallets, storing chemicals in covered area, spill kit available on site)* N/A
Dewatering:	*(e.g., sediment basins or sediment traps, sediment socks, dewatering tanks, tube settlers, weir tanks, or filtration systems (e.g., bag or sand filters) designed to remove sediment)* N/A
Other erosion and sediment controls or practices:	*(Provide brief description)* Piles of rock/dirt pushed to back of property, east side.
Stabilization Practices *Part 2.2*	
Stabilization:	*(e.g., soil conditioning, application of seed or sod, planting of seedlings or other vegetation, application of fertilizer, watering, mulch, rolled erosion control products, control blankets, riprap, gabions, geotextiles)* Site active.
Are stabilization measures initiated immediately? Y/N Are they completed within 14 days of construction cessation? Y/N	*(e.g. indicate "yes" or "no"; if not within 14 days of construction cessation, how long without stabilization measures?)* Construction cessation has not occurred.
Pollution Prevention Measures *Part 2.3*	
Fueling and maintenance of vehicles:	*(e.g., locating activities away from surface waters and stormwater inlets or conveyances, providing secondary containment (e.g., spill berms, decks, spill containment pallets)and cover where appropriate, and/or having spill kits readily available)* N/A – No fueling or maintenance taking place on-site.
Washing equipment & vehicles:	*(e.g., locating activities away from surface waters, stormwater, inlets, conveyances, sediment basin or sediment trap, using filtration devices, such as filter bags or sand filters, plastic sheeting, temporary roofs)* N/A
Washing applicators/containers (e.g., stucco, paint, concrete, form release oils, curing compounds, and other construction materials)	*(e.g., leak-proof container or pit, locate as far away as possible from surface waters, inlets or conveyances, designate areas)* N/A
Pollution Prevention Measures – Continued	

Storage, handling, disposal of construction materials, products and waste:	*Building products (e.g., asphalt sealants, copper flashing, roofing materials, adhesives, concrete admixtures):* No storage of chemicals on site.
	Pesticides, herbicides, insecticides, fertilizers, and landscape materials: N/A
	Diesel fuel, oil, hydraulic fluids, other petroleum products, and other chemicals: N/A
	Hazardous or toxic waste (e.g, paints, solvents, petroleum-based products, wood preservatives, additives, curing compounds, acids): N/A
	Construction and domestic waste (e.g., packaging materials, scrap construction materials, masonry products, timber, pipe and electrical cuttings, plastics, styrofoam, concrete, and other trash or building materials): The construction site was free of trash or debris
	Sanitary waste: Port-a-potties on site.
Fertilizer application:	*(e.g., avoids applying before heavy rains, never applies to frozen ground, never applies to conveyance channels with flowing water)* N/A
Miscellaneous	
Evidence of not allowable non-storm water discharges or prohibited discharge?	*(Provide brief description and determine whether any non-storm water discharges allowable)* None seen
Evidence of sediment deposition to surface waters or MS4?	*(e.g. significant turbidity observed in a receiving water body)* No

B|H|G

BURTON HOTEL GROUP

May 13, 2014

Ms. Diane McDonald
USEPA (6EN-WT)
USEPA 1445 Ross Ave.
Dallas, TX 75202

RE: NPDES Compliance Evaluation Inspection NPDES Permit NMU001877; April 2, 2014 – Burton Hotel Group

Dear Ms. McDonald:

This letter is in response to New Mexico Environmental Department report dated April 2, 2014. In response to the **Findings** per NPDES Permit NMU001877 Construction Storm Water Compliance Evaluation Inspection dated April 2, 2014. It has been Burton Hotel Group's intent to use Crossland Construction Company, Inc. SWPPP plan dated 2-6-14 and work under the same Notice of Intent (NOI) dated 2-19-14.

If you have any questions, do not hesitate to call.

Sincerely,

Gary Burton

Gary Burton
Burton Hotel Group, Owner

6655 S Lewis Ave, Suite 120, Tulsa, OK 74136 | BURTONHOTELGROUP.COM | O: 918-492-7811 | F: 918-492-7834

STORMWATER POLLUTION PREVENTION PLAN
Comfort Suites
Carlsbad, New Mexico

February 2014

COMFORT SUITES

wallace

Wallace Engineering
Structural Consultants, Inc
239 East Brady Street
Tulsa, Oklahoma 74103
918 584 5858, Fax 918 584 8689

Stormwater Pollution Prevention Plan (SWPPP)

For Construction Activities At:

Comfort Suites
Pierce Street and University Drive
Carlsbad, New Mexico

SWPPP Prepared For:

Crossland Construction Company
833 S East Avenue
Columbus, Kansas 66725
620.429.1414
620.429.1412 (fax)

SWPPP Prepared By:

Wallace Engineering, Structural Consultants, Inc.
Gene Phillips, PE
200 East Brady Street
Tulsa, Oklahoma 74103
918.584.5858
gphillips@wallacesc.com

SWPPP Preparation Date:

02/06/2014

Estimated Project Dates:

Project Start Date: 02 / 01 / 2014
Project Completion Date: 08 / 01 / 2014

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SECTION 1: CONTACT INFORMATION/RESPONSIBLE PARTIES

1.1 Operator(s) / Subcontractor(s)

Operator(s):

Burton Hotel Group
Curtis White, Regional Manager
6655 South Lewis Avenue
Tulsa, Oklahoma 74136
918.492.7811 (Office)
Burton Hotels is the principal land owner and contract manager for the project. Burton has contracted Crossland Construction Company (CCC) to implement the SWPPP and build the Comfort Suites. Burton will be responsible for general oversight of the project and will retain operational control over construction plans and specifications, including review of the SWPPP and any amendments, inspection reports, corrective actions and changes to stormwater conveyance or control designs. Burton will participate, when possible, on self-inspections conducted by CCC.

Crossland Construction Company (CCC)
Joe Sloniker, Site Superintendent
417.434.5879 (Cell)
620.429.1412 (Fax)
CCC has entered into a contract with Burton Hotel Group to implement the SWPPP and perform and/or manage all construction activities at the site. CCC will implement and maintain the best management practices (BMPs) specified in Sections 2 and 3, conduct inspections (Section 5) and address storm water over the entire site including all areas disturbed by construction activities, areas used for materials storage, discharge points, and construction exits.

This project is subject to the EPA Construction General Permit. The goal of this permit is to prevent the discharge of pollutants associated with construction activity from entering the storm drain system or surface waters. Wallace Engineering has developed a SWPPP for the Comfort Suites project and the SWPPP has been reviewed by CCC. The SWPPP will be available for review at the on-site construction trailer.

Burton Responsibilities

- Burton will be responsible for general oversight of the project, including review of the SWPPP and any amendments, inspection reports, and corrective actions.
- Burton will participate, when possible, on self-inspections conducted by CCC.
- Burton will participate in biweekly meetings to discuss CGP compliance issues.

CCC Responsibilities

- CCC will maintain the SWPPP documentation and will conduct and document self-inspections required under Part 4.5.13 of the CGP on a weekly basis and within 24 hours of the end of a storm event of one-half inch or greater in all areas of the site covered by this SWPPP.
- CCC will provide copies of inspection reports to Burton within 24 hours following each inspection. Incidents of non-compliance will be immediately brought to the attention of Curtis White, Burton Hotel Group.
- CCC shall be responsible for maintaining compliance with the applicable sections of the SWPPP, including installation of erosion and sediment controls, and all requirements in the CGP. Any BMP changes that would trigger the need for a SWPPP modification shall be promptly communicated to Burton Hotel Group and Wallace Engineering.
- CCC will maintain erosion and sediment control Best Management Practices (BMPs) in all areas of the site under its day-to-day control.

- CCC will provide adequately designated concrete washout areas throughout the construction project and will be responsible for proper disposal of the concrete, mortar, or grout collected there.
- CCC will be responsible for maintaining the cleanliness of adjacent City of Carlsbad streets (Pierce Street and University Drive) and storm drain inlet protection BMPs throughout the construction project. CCC will conduct street sweeping on a weekly basis and prior to forecasted rain events. CCC will also inspect and replace storm drain inlet protection BMPs as necessary.
- CCC shall not store erodible or hazardous materials on any roadway.
- CCC will hold biweekly meetings to discuss CGP compliance issues.

Joint Responsibilities

- Each operator shall file a Notice of Intent (NOI) to be covered by the Construction General Permit before beginning construction at the project, and permit coverage will be maintained throughout the project.
- Operators shall not file a Notice of Termination (NOT) until all disturbed areas of the site under its day-to-day control have been effectively stabilized with permanent erosion controls that satisfy the requirement in the CGP.
- Operators will maintain a clean site. Trash and debris will be picked up and disposed of properly by the end of each day.
- Each operator is responsible for advising employees and subcontractors working on this project of the requirements in the CGP and SWPPP. Particular emphasis should be placed on ensuring employees and subcontractors do not damage BMPs and do not introduce pollutants into the storm drain system.

Subcontractor(s):

Subcontractors have not been selected.

Mr. Sloniker will be responsible for training of staff and subcontractors in accordance with Part 4.5.14 of CGP and Section 7 of this SWPPP.

Emergency 24-Hour Contact:

Crossland Construction Company
Clint Riggs, Project Manager
620.202.1637 (Cell)

Other SWPPP Contacts:

City of Carlsbad Fire Department
Emergency – 911
Non-Emergency – 575.885.3125

New Mexico Environment Department 24-hour Environmental Emergency Number
505.827.9329

National Spill Response Center
1.800.424.8802

1.2 Stormwater Team

Site Superintendent
Crossland Construction Company
Joe Sloniker
417.434.5879 (cell)
jsloniker@crosslandconstruction.com

SWPPP Preparer
Wallace Engineering
Gene Phillips, PE
918.584.5858
gphillips@wallacesc.com

Owner
Burton Hotel Group
Curtis White
Regional Manager
918.492.7811
Curtis@burtonhotelgroup.com

SECTION 2: SITE EVALUATION, ASSESSMENT, AND PLANNING

2.1 Project/Site Information

Project Name and Address

Comfort Suites
Pierce Street and University Drive
Carlsbad, New Mexico 88220
Eddy County

Project Latitude/Longitude

Latitude:
32 ° 26 ' 40" N (degrees, minutes, seconds)

Longitude:
104 ° 15 ' 40" W (degrees, minutes, seconds)

Method for determining latitude/longitude:

☐ USGS topographic map (specify scale: _____) ☐ EPA Web site ☐ GPS

☒ Other (please specify): Google Earth

Horizontal Reference Datum:
☐ NAD 27 ☐ NAD 83 or WGS 84 ☒ Unknown

Additional Project Information

Is the project/site located on Indian country lands, or located on a property of religious or cultural significance to an Indian tribe? ☐ Yes ☒ No

If yes, provide the name of the Indian tribe associated with the area of Indian country (including the name of Indian reservation if applicable), or if not in Indian country, provide the name of the Indian tribe associated with the property: **N/A**

If you are conducting earth-disturbing activities in response to a public emergency, document the cause of the public emergency *(e.g., natural disaster, extreme flooding conditions)*, information substantiating its occurrence *(e.g., state disaster declaration)*, and a description of the construction necessary to reestablish effective public services: **N/A**

Are you applying for permit coverage as a "federal operator" as defined in Appendix A of the 2012 CGP?
☐ Yes ☒ No

2.2 Discharge Information

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)?
☐ Yes ☒ No

Are there any surface waters that are located within 50 feet of your construction disturbances?
☐ Yes ☒ No

Table 1 – Names of Receiving Waters

Name(s) of the first surface water that receives stormwater directly from your site and/or from the MS4 (note: multiple rows provided where your site has more than one point of discharge that flows to different surface waters)
1. Pecos River – Lake Carlsbad
2.
3.

[Include additional rows as necessary.]

Table 2 – Impaired Waters / TMDLs (Answer the following for each surface water listed in Table 1 above)

	Is this surface water listed as "impaired"?	If you answered yes, then answer the following:			
		What pollutant(s) are causing the impairment?	Has a TMDL been completed?	Title of the TMDL document	Pollutant(s) for which there is a TMDL
1.	☒ YES ☐ NO	Atmospheric Deposition of Toxins, Source Unknown	☐ YES ☐ NO		
2.	☐ YES ☐ NO		☐ YES ☐ NO		
3.	☐ YES ☐ NO		☐ YES ☐ NO		

[Include additional rows as necessary.]

Describe the method(s) you used to determine whether or not your project/site discharges to an impaired water: Review of New Mexico 303(d) list.

Lake Carlsbad is an impaired body of water that does not meet the applicable water quality standards and is listed on the Clean Water Act Section 303(d) list. However, in reviewing the potential sources for the cause of impairment of Lake Carlsbad, no source included construction activities. Therefore, the Comfort Suites project will have no further affect on the impairment of Lake Carlsbad.

Table 3 – Tier 2, 2.5, or 3 Waters (Answer the following for each surface water listed in Table 1 above)

	Is this surface water designated as a Tier 2, Tier 2.5, or Tier 3 water? (see Appendix F)	If you answered yes, specify which Tier (2, 2.5, or 3) the surface water is designated as?
1.	☐ YES ☒ NO	
2.	☐ YES ☐ NO	
3.	☐ YES ☐ NO	

2.3 Nature of the Construction Activity

General Description of Project

Comfort Suites is a project consisting of a 3-story, 80 bed hotel and associated parking, sidewalks, pool, patio, and other site features.

All construction material, waste and borrow material and equipment storage areas will be located on site. Soil disturbing activities will include: clearing and grubbing, installing perimeter and other erosion and sediment controls, grading, excavation for utilities, building foundations, construction of curb and gutter and parking areas, and preparation for final planting and seeding.

The pre-developed and post-developed runoff coefficient "C" factors are 0.75 and 0.80 respectively.

Based on visual observations of the site, there are no apparent wetlands on the property. A formal determination by the Corps of Engineers has not been requested for this site.

A geotechnical report was completed by Terracon on August 14, 2013 by Dan Cosper, P.E. In the report, the surface materials were reported to be silty clayey sand with gravel, clayey gravel with sand and varying degrees of carbonate cementation to a depth of between 1 and 7 feet, underlain by carbonate cemented soils, and/or limestone which caused auger refusal.

Existing Site Drainage

The site sheet flows to the northwest directly into an arroyo of the Pecos River, which flows generally southwest to Lake Carlsbad.

Proposed Site Drainage

The runoff will be directed through paved channels and storm drains to a detention pond north of the site. The pond will discharge to the arroyo as in the existing conditions.

FEMA Flood Zone Designations

The site has been assigned Zone X unshaded as indicated by FIRM panel number 35015C1035D dated June 4, 2010.

Size of Construction Project

Area of site: 2.0 acres

Area disturbed: 2.0 acres

2.4 Allowable Non-Stormwater Discharges

List of Allowable Non-Stormwater Discharges Present at the Site

Type of Allowable Non-Stormwater Discharge	Likely to be Present at Your Site?
Discharges from emergency fire-fighting activities	☐ YES ☒ NO
Fire hydrant flushings	☐ YES ☒ NO
Landscape irrigation	☐ YES ☒ NO

Waters used to wash vehicles and equipment	☐ YES ☒ NO
Water used to control dust	☒ YES ☐ NO
Potable water including uncontaminated water line flushings	☐ YES ☒ NO
Routine external building wash down	☐ YES ☒ NO
Pavement wash waters	☐ YES ☒ NO
Uncontaminated air conditioning or compressor condensate	☐ YES ☒ NO
Uncontaminated, non-turbid discharges of ground water or spring water	☐ YES ☒ NO
Foundation or footing drains	☐ YES ☒ NO
Construction dewatering water	☒ YES ☐ NO

2.5 Site Maps

See Appendix A for site plan sketch. The following area(s) are to be stabilized:

1. Construction Entrance.
2. Building Pad.
3. Parking Lot.

Approximate grade on slopes:

1. Paving: 1.0% to 5.0%
2. Unpaved Area: 2.00% to 33.33%

SECTION 3: DOCUMENTATION OF COMPLIANCE WITH OTHER FEDERAL REQUIREMENTS

3.1 Endangered Species Protection

Eligibility Criterion

Under which criterion listed in Appendix D are you eligible for coverage under this permit?

☒ **A** ☐ **B** ☐ **C** ☐ **D** ☐ **E**

For reference purposes, the eligibility criteria listed in Appendix D are as follows:

Criterion A. No federally-listed threatened or endangered species or their designated critical habitat(s) are likely to occur in your site's "action area" as defined in Appendix A of this permit.

Criterion B. The construction site's discharges and discharge-related activities were already addressed in another operator's valid certification of eligibility for your action area under eligibility Criterion A, C, D, E, or F and there is no reason to believe that federally-listed species or federally-designated critical habitat not considered in the prior certification may be present or located in the "action area". To certify your eligibility under this Criterion, there must be no lapse of NPDES permit coverage in the other operator's certification. By certifying eligibility under this Criterion, you agree to comply with any effluent limitations or conditions upon which the other operator's certification was based. You must include in your NOI the tracking number from the other operator's notification of authorization under this permit. If your certification is based on another operator's certification under Criterion C, you must provide EPA with the relevant supporting information required of existing dischargers in Criterion C in your NOI form.

Criterion C. Federally-listed threatened or endangered species or their designated critical habitat(s) are likely to occur in or near your site's "action area," and your site's discharges and discharge-related activities are not likely to adversely affect listed threatened or endangered species or critical habitat. This determination may include consideration of any stormwater controls and/or management practices you will adopt to ensure that your discharges and discharge-related activities are not likely to adversely affect listed species and critical habitat. To make this certification, you must include the following in your NOI: 1) any federally listed species and/or designated habitat located in your "action area"; and 2) the distance between your site and the listed species or designated critical habitat (in miles). You must also include a copy of your site map with your NOI.

Criterion D. Coordination between you and the Services has been concluded. The coordination must have addressed the effects of your site's discharges and discharge-related activities on federally-listed threatened or endangered species and federally-designated critical habitat, and must have resulted in a written concurrence from the relevant Service(s) that your site's discharges and discharge-related activities are not likely to adversely affect listed species or critical habitat. You must include copies of the correspondence between yourself and the Services in your SWPPP and your NOI.

Criterion E. Consultation between a Federal Agency and the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service under section 7 of the ESA has been concluded. The consultation must have addressed the effects of the construction site's discharges and discharge-related activities on federally-listed threatened or endangered species and federally-designated critical habitat. The result of this consultation must be either:

i. a biological opinion that concludes that the action in question (taking into account the effects of your site's discharges and discharge-related activities) is not likely to jeopardize the continued existence of listed species, nor the destruction or adverse modification of critical habitat; or

ii. written concurrence from the applicable Service(s) with a finding that the site's discharges and discharge-related activities are not likely to adversely affect federally-listed species or federally-designated habitat.

You must include copies of the correspondence between yourself and the Services in your SWPPP and your NOI.

Criterion F. Your construction activities are authorized through the issuance of a permit under section 10 of the ESA, and this authorization addresses the effects of the site's discharges and discharge-related activities on federally-listed species and federally-designated critical habitat. You must include copies of the correspondence between yourself and the Services in your SWPPP and your NOI.

Supporting Documentation

Provide documentation for the applicable eligibility criterion you select in Appendix D, as follows:

For criterion A, indicate the basis for your determination that no federally-listed threatened or endangered species or their designated critical habitat(s) are likely to occur in your site's action area (as defined in Appendix A of the permit). Check the applicable source of information you relied upon:

- ☐ Specific communication with staff of the U.S. Fish & Wildlife Service or National Marine Fisheries Service.
- ☒ Publicly available species list. **US Fish & Wildlife Endangered Species List**
- ☐ Other source:

3.2 Historical and Archaeological Preservation

This site has had previous earthwork that did not uncover any historical or archaeological artifacts. Based on Appendix E, Step 2, of the CGP this precludes the requirement of an historical or archaeological review.

Native American tribes have not been consulted. However, if construction activities expose archaeological materials, such as bone, pottery, chipped stone, etc. construction activities should cease and the engineer/architect be contacted.

Appendix E, Step 1

Do you plan on installing any of the following stormwater controls at your site? Check all that apply below, and proceed to Appendix E, Step 2.

- ☐ Dike
- ☐ Berm
- ☐ Catch Basin
- ☐ Pond
- ☒ Stormwater Conveyance Channel (e.g., ditch, trench, perimeter drain, swale, etc.)
- ☐ Culvert
- ☒ Other type of ground-disturbing stormwater control: inlets and storm pipe.

Appendix E, Step 2

If you answered yes in Step 1, have prior surveys or evaluations conducted on the site already determined that historic properties do not exist, or that prior disturbances at the site have precluded the existence of historic properties? ☒ YES ☐ NO

- If yes, no further documentation is required for Section 3.2 of the Template.
- If no, proceed to Appendix E, Step 3.

Appendix E, Step 3

If you answered no in Step 2, have you determined that your installation of subsurface earth-disturbing stormwater controls will have no effect on historic properties? ☐ YES ☐ NO

If yes, provide documentation of the basis for your determination. **N/A**

If no, proceed to Appendix E, Step 4.

Appendix E, Step 4

If you answered no in Step 3, did the State Historic Preservation Officer (SHPO), Tribal Historic Preservation Office (THPO), or other tribal representative (whichever applies) respond to you within 15 calendar days to indicate whether the subsurface earth disturbances caused by the installation of stormwater controls affect historic properties? ☐ YES ☐ NO

If no, no further documentation is required for Section 3.2 of the Template.

If yes, describe the nature of their response:

☐ Written indication that adverse effects to historic properties from the installation of stormwater controls can be mitigated by agreed upon actions.

☐ No agreement has been reached regarding measures to mitigate effects to historic properties from the installation of stormwater controls.

☐ Other:

3.3 Safe Drinking Water Act Underground Injection Control Requirements

Do you plan to install any of the following controls? Check all that apply below.

☐ Infiltration trenches (if stormwater is directed to any bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system)

☐ Commercially manufactured pre-cast or pre-built proprietary subsurface detention vaults, chambers, or other devices designed to capture and infiltrate stormwater flow

☐ Drywells, seepage pits, or improved sinkholes (if stormwater is directed to any bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system)

If yes, insert copies of letters, emails, or other communication between you and the state agency or epa regional office. **N/A**

SECTION 4: EROSION AND SEDIMENT CONTROLS

4.1 Natural Buffers or Equivalent Sediment Controls

Buffer Compliance Alternatives

Are there any surface waters within 50 feet of your project's earth disturbances? ☐ YES ☒ NO

(Note: If no, no further documentation is required for the SWPPP Template.)

Check the compliance alternative that you have chosen:

☐ I will provide and maintain a 50-foot undisturbed natural buffer.

N/A

☐ I will provide and maintain an undisturbed natural buffer that is less than 50 feet and is supplemented by additional erosion and sediment controls, which in combination achieves the sediment load reduction equivalent to a 50-foot undisturbed natural buffer.

N/A

☐ It is infeasible to provide and maintain an undisturbed natural buffer of any size, therefore I will implement erosion and sediment controls that achieve the sediment load reduction equivalent to a 50-foot undisturbed natural buffer.

N/A

☐ I qualify for one of the exceptions in Part 2.1.2.1.e. (If you have checked this box, provide information on the applicable buffer exception that applies, below.)

N/A

Buffer Exceptions

Which of the following exceptions to the buffer requirements applies to your site?

- ☐ There is no discharge of stormwater to the surface water that is located 50 feet from my construction disturbances.
  N/A

- ☐ No natural buffer exists due to preexisting development disturbances that occurred prior to the initiation of planning for this project.
  N/A

- ☐ For a "linear project" (defined in Appendix A), site constraints (e.g., limited right-of-way) make it infeasible for me to meet any of the CGP Part 2.1.2.1.a compliance alternatives. **N/A**

- ☐ The project qualifies as "small residential lot" construction (defined in Part 2.1.2.1.e.iv and in Appendix A).
  N/A

- ☐ Buffer disturbances are authorized under a CWA Section 404 permit.
  N/A

- ☐ Buffer disturbances will occur for the construction of a water-dependent structure or water access area (e.g., pier, boat ramp, and trail).
  N/A

4.2 Perimeter Controls

General

- The site will be surrounded on all downhill slopes by silt fence or silt dikes. The existing inlet will be protected with an inlet sediment trap. Additionally, new inlets will be protected with inlet sediment traps prior to final sodding.

Specific Perimeter Controls

Perimeter Control # 1 – Silt Fence

BMP Description

Silt fences will be installed along the north and east perimeters of the site and around the topsoil stockpile. Silt fences will be installed by excavating a 12-inch-deep trench along the line of proposed installation. Wooden posts supporting the silt fence will be spaced 4 to 6 feet apart and driven securely into the ground; a minimum of 18 to 20 inches deep. The silt fence will be fastened securely to the wooden posts with wire ties spaced every 24 inches at the top, mid section, and bottom of the wooden post. The bottom edge of the silt fence will extend across the bottom of the trench and the trench will be backfilled and compacted to prevent storm water and sediment from discharging underneath the silt fence. For design specifications, see plan sheet C800, Detail 12, in Appendix A.

Installation Schedule

To be installed February 1, 2014 and around any stockpiles once they have been established.

Maintenance Requirements

Silt fences will be inspected weekly and immediately after storm events to ensure it is intact and that there are no gaps where the fence meets the ground or tears along the length of the fence. If gaps or tears are found during the inspection, the fabric will be repaired or replaced immediately. Accumulated sediment will be removed from the fence base if it reaches one-third the height of the silt fence and hauled off-site for disposal at Middletown Landfill. If accumulated sediment is creating noticeable strain on the fabric and the fence might fail from a sudden storm event, the sediment will be removed more frequently. Before the fence is removed from the project area, the sediment will be removed. The anticipated life span of the silt fence is 6 months and will likely need to be replaced after this period.

4.3 Sediment Track-Out

General

- A stabilized construction entrance will be installed at the southeast corner of the project off Pierce Street.

Specific Track-Out Controls

Track-Out Control # 1 – Stabilized Construction Entrance

BMP Description

The stabilized construction entrance shall be 20'x50' and shall consist of 8" minimum coarse aggregate.

Installation Schedule

The stabilized construction entrance will be installed before construction begins on site. It will remain until all areas of site have been stabilized.

Maintenance Requirements

The exit will be inspected weekly and after storm events or heavy use. The exit will be maintained in a condition that will prevent tracking or flowing of sediment onto Pierce Street. This could require adding additional crushed stone to the exit. All sediment tracked, spilled, dropped, or washed onto Pierce Street will be swept up immediately and hauled off-site for disposal. Sediment will be swept from the anti¬tracking pad at least weekly, or more often if necessary. If excess sediment has clogged the pad, the exit will be topdressed with new crushed stone. Replacement of the entire pad might be necessary when the pad becomes completely filled with sediment. The pad will be reshaped as needed for drainage and runoff control. Broken road pavement as a result of construction activities on roadways immediately adjacent to the project site will be repaired immediately. The stone anti-tracking pad will be removed before the subgrade of pavement is applied to the parking lot. The removed stone and sediment from the pad will be hauled off-site and disposed.

4.4 Stockpiled Sediment or Soil

General

- Stockpiles will be surrounded by silt fence, per Section 4.2.

4.5 Minimize Dust

General

- Water will be used to control dust.

Specific Dust Controls

Dust Control # 1 – Water Used to Control Dust

BMP Description

Dust control will be implemented as needed once site grading has begun and during windy conditions (forecasted or actual wind conditions of 20 mph or greater) while site grading is occurring. Spraying of potable water at a rate of 300 gallons per acre or less will be performed by a mobile pressure-type distributor truck no more than three times a day during the months of May–September and once per day during the months of October–April or whenever the dryness of the soil warrants it.

4.6 Topsoil

General

- Native topsoil will be stockpiled and preserved onsite. Stockpiles will be protected from erosion as outlined above.

4.7 Storm Drain Inlets

General

- Existing and newly constructed inlets will be protected from sediment with inlet sediment traps. See detail 12, sheet C800 in Appendix A.

Specific Storm Drain Inlet Controls

Storm Drain Inlet Control # 1 – Inlet Sediment Trap

BMP Description

Traps will be installed as required at new inlets. The trap will discharge through a riser outlet with a trash rack.

Installation

Inlet sediment traps will be installed as needed.

Maintenance Requirements

Clean, or remove and replace, the protection measures as sediment accumulates, the filter becomes clogged, and/or performance is compromised. Where there is evidence of sediment accumulation adjacent to the inlet protection measure, you must remove the deposited sediment by the end of the same work day in which it is found or by the end of the following work day if removal by the same work day is not feasible.

4.8 Dewatering Practices

General

- Discharging groundwater or accumulated storm water that is removed from excavations, trenches, foundations, vaults, or other similar points of accumulation associated with construction activity is prohibited, unless such waters are first effectively managed by appropriate controls. Uncontaminated dewatering water can be discharged without being routed to a control.

Specific Dewatering Practices

1. Do not discharge visible floating solids or foam
2. Use an oil-water separator or suitable filtration device (such as a cartridge filter) that is designed to remove oil, grease, or other products if dewatering wastewater is found to contain these materials
3. To the extent feasible, utilize vegetated, upland areas of the site to infiltrate dewatering water before discharge. In no case will surface waters be considered part of the treatment area
4. At all points where dewatering water is discharged, comply with the velocity dissipation requirements of Part3.3.1.J
5. With backwash water, either haul away for disposal or return it to the beginning of the treatment process
6. Replace and clean the filter media used in dewatering devices when the pressure differential equals or exceeds the manufacturer's specifications

4.15 Site Stabilization

Temporary Stabilization

Topsoil stockpiles and disturbed portions of the site, where construction activity temporarily ceases for at least 14 days, will be stabilized with temporary seed and mulch. The temporary seed shall be as outlined:

Plant Type	per acre	per 1000 s.f.	Planting Date	Seeding Depth
Annual Ryegrass	40 lbs	0.9 lbs	09/05-11/30	0.25 inch
Elbon Rye	2 bu	3.0 lbs	08/15-11/30	2 inches
Wheat	2 bu	3.0 lbs	08/15-11/30	2 inches
Oats	3 bu	2.5 lbs	08/15-11/30	2 inches
Sorghums	60 lbs	1.4 lbs	03/01-09/15	2 inches
Sudan Grass	60 lbs	0.9 lbs	04/01-09/15	2 inches

Prior to seeding, subgrade shall be loosened to a depth of 2 to 3 inches and 450 pounds of 10-20-10 fertilizer applied to each acre to be stabilized. Soil shall be tested and lime treated if required. After seeding, each area shall be mulched with 4,000 pounds per acre of straw. The straw mulch is to be tacked into place by a disk with blades set nearly straight. Areas of the site which are to be paved will be temporarily stabilized by applying a "blanket" capable of sustaining construction traffic, with minimal damage to the subgrade, until the pavement can be applied.

Permanent Stabilization

Disturbed portions of the site where construction activities permanently cease shall be stabilized no later than 14 days after the last construction activity. The permanent stabilization shall consist of Bermuda grass, solid slab, sodding or seeding. Prior to sodding, subgrade shall be loosened to a depth of 2 to 3 inches and 450 pounds of 10-20-10 fertilizer applied to each acre to be stabilized. Soil shall be tested and lime treated if required. After sodding, each area shall be watered daily, or as required, to maintain adequate soil moisture until final acceptance. Placement and maintenance shall be in accordance with NMDOT Specifications.

SECTION 5: POLLUTION PREVENTION STANDARDS

5.1 Potential Sources of Pollution

Construction Site Pollutants

Pollutant-Generating Activity	**Pollutants or Pollutant Constituents** (that could be discharged if exposed to stormwater)	**Location on Site** (or reference SWPPP site map where this is shown)
Paving operations	Concrete, asphalt, tar	Reference site plan, Appendix A

5.2 Storage, Handling, and Disposal of Construction Products, Materials, and Wastes; Spill Prevention and Response

Material Management Practices

The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff.

1. Good Housekeeping: The following good housekeeping practices will be followed onsite during the construction project.
   a. An effort will be made to store only enough products required to do the job.
   b. All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.
   c. Products will be kept in their original containers with the original manufacturer's label.
   d. Substances will not be mixed with one another unless recommended by the manufacturer.
   e. Whenever possible, all of a product will be used up before disposing of the container.
   f. Manufacturers' recommendations for proper use and disposal will be followed.
   g. The site supervisor will inspect daily to ensure proper use and disposal of materials.

2. Hazardous Products: These practices are used to reduce the risks associated with hazardous materials.
   a. Products will be kept in original containers unless they are not resealable.
   b. Original labels and material safety data will be retained; they contain important product information.
   c. If surplus must be disposed of, manufacturers', or local and State recommended methods for proper disposal will be followed.

Product Specific Practices

The following product specific practices will be followed onsite:

1. Petroleum Products
   All onsite vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers and clearly labeled. Any asphalt substances used onsite will be applied according to the manufacturer's recommendations.

2. Fertilizers
   Fertilizers used will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked into the soil to limit exposure to stormwater. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

3. Paints
   All containers will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm sewer system, but will be properly disposed of according to manufacturer's instructions, or State and local regulations.

4. Concrete Trucks
   All washing and back flushing of concrete mixer trucks will be done in an area established by the project superintendent. The area shall be fully contained by the use of silt fence or earth dikes. The debris left from the back flushing of concrete mixer trucks shall be removed from the site and disposed of according to local regulations.

5. Equipment and Vehicle Washing
   Per section 2.3.1.4 of CGP, soaps, detergents, or solvents used in vehicle and equipment washing may not be discharged from the construction site (see Appendix B).

Spill Control Practices

1. In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:
   a. Manufacturers' recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
   b. Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite. Equipment and materials will include, but not be limited to, brooms, dustpans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for this purpose.
   c. All spills will be cleaned up immediately after discovery. In the event of a petroleum based, or other hazardous substance spill (paints, fertilizers, cement), immediately prevent further discharge from hazardous source. Stop the spill from spreading by using an absorbent material such as Kitty Litter. Protect the contaminated area by placing a tarp and diverting all runoff from that area. Contact the proper authorities as to how to dispose of the contaminated materials.
      1. Small spills - stop the spill from spreading by using an absorbent material such as kitty litter. Protect the contaminated area by placing a tarp and diverting all runoff from that area. Contact the proper authorities as to how to dispose of the contaminated materials.
      2. Large spills - stop the spill from spreading by using appropriate equipment to create a containment area, i.e. berms, sand bags, etc. Defer to NMDOT for large scale cleanup and decontamination procedures.
   d. The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
   e. Spills of toxic or hazardous material will be reported to the appropriate State or local government agency, regardless of the size.
   f. The spill prevention plan will be adjusted to include measures to prevent this type of spill from reoccurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.
   g. The site supervisor will be the spill prevention and cleanup coordinator. He will designate at least three other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel will be posted in the material storage area and in the office trailer onsite.

5.3 Fueling, Maintenance, and Washing of Equipment or Vehicles

General

- Fueling, maintenance, and washing of equipment or vehicles should ideally be performed off site, but may be performed in a designated area subject to the below best management practices.

Specific Pollution Prevention Practices

Pollution Prevention Practice # 1

BMP Description

Inspect construction vehicles daily, and repair any leaks immediately. Dispose of all used oil, antifreeze, solvents and other automotive-related chemicals according to manufacturer instructions. These wastes require special handling and

disposal. Used oil, antifreeze, and some solvents can be recycled at designated facilities, but other chemicals must be disposed of at a hazardous waste disposal site. Local government agencies can help identify such facilities.

Designate special paved areas for vehicle repair. To direct washwater to sanitary sewer systems or other treatment facilities, ensure that vehicle washing areas are impervious and are bermed. Use blowers or vacuums instead of water to remove dry materials from vehicles if possible. Because water alone can remove most dirt adequately, use high-pressure water spray without detergents at vehicle washing areas. If you must use detergents, avoid phosphate- or organic-based cleansers to reduce nutrient enrichment and biological oxygen demand in wastewater. Use only biodegradable products that are free of halogenated solvents. Clearly mark all washing areas, and inform workers that all washing must occur in this area. Do not perform other activities, such as vehicle repairs, in the wash area.

SECTION 6: INSPECTION AND CORRECTIVE ACTION

6.1 Inspection Personnel and Procedures

Personnel Responsible for Inspections

The person(s) inspecting your site may be a person on your staff or a third party you hire to conduct such inspections. You are responsible for ensuring that the person who conducts inspections is a "qualified person." A "qualified person" is a person knowledgeable in the principles and practice of erosion and sediment controls and pollution prevention.

The person(s) inspecting your site may be a person on your staff or a third party you hire to conduct such inspections. You are responsible for ensuring that the person who conducts inspections is a "qualified person." A "qualified person" is a person knowledgeable in the principles and practice of erosion and sediment controls and pollution prevention.

The site superintendent, Joe Sloniker, Crossland Construction Company, will be the primary person responsible for inspections. Mr. Sloniker may, at his discretion, delegate inspection responsibilities to other construction staff members who are qualified.

These are the inspection and maintenance practices that will be used to maintain erosion and sediment controls:

1. All control measures will be inspected at least once each week and following any storm of 0.5 inches or greater.

1. All measures will be maintained in good working order, if a repair is necessary, it will be initiated within 24 hours of report. (Re: Appendix C)

2. Built up sediment will be removed from silt fences when it has reached one-third the height of the fence.

3. Silt fences will be inspected for depth of sediment, tears, to see if the fabric is securely attached to the fence posts, and to see that the fence posts are firmly in the ground.

4. Sediment traps will be inspected for depth of sediment, and built up sediment will be removed when it reaches 50 percent of the depth, or at the end of the job.

5. Temporary and permanent seeding and planting will be inspected for bare spots, washouts, and healthy growth.

6. A maintenance inspection report(s) will be made after each inspection. Copies of the report form(s) to be completed by the inspector are attached in Appendix C.

7. The site supervisor will select three individuals who will be responsible for inspections, maintenance and repair activities, and filling out the inspection and maintenance report.

8. Personnel selected for inspection and maintenance responsibilities will receive training in all the inspection and maintenance practices necessary for keeping the erosion and sediment controls used onsite in good working order.

Inspection Schedule

Specific Inspection Frequency

At a minimum, you must conduct a site inspection once every 14 calendar days and within 24 hours of the end of a storm event of 0.25 inches or greater and within 24 hours of a discharge generated by snowmelt, unless you are subject to 4.1.2 of CGP. If a storm event of 0.25 inches or greater, or snowmelt, causes your site to discharge, within 24 hours of the end of the storm event or the beginning of the snowmelt discharge you must conduct a site inspection when the discharge is occurring and comply with the requirements of Part 4.1.2 of CGP.

Rain Gauge Location

Install a rain gauge at the job trailer to determine whether a storm event has measured 0.25 inches at the site.

Inspection Report Forms

See Appendix E.

6.2 Corrective Action

Corrective actions must be completed in accordance with the deadlines specified in this Part. In all circumstances, site personnel must immediately take all reasonable steps to minimize or prevent the discharge of pollutants until a permanent solution is installed and made operational, including cleaning up any contaminated surfaces so that the material will not discharge in subsequent storm events.

1. For any of the following conditions on your site, you must install a new or modified control and make it operational, or complete the repair, by no later than seven (7) calendar days from the time of discovery. If it is infeasible to complete the installation or repair within seven (7) calendar days, you must document in your records why it is infeasible to complete the installation or repair within the seven (7) calendar day timeframe and document your schedule for installing the stormwater controls and making it operational as soon as practicable after the 7-day timeframe.
    a. A required stormwater control was never installed, was installed incorrectly or not in accordance with the requirements in Parts 3 and/or 4; or
    b. You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.5;
    c. One of the prohibited discharges in Parts 3.1 and 3.3.3.A is occurring or has occurred;
    d. If you are subject to the monitoring requirements in Addendum G, samples indicate that you have a discharge that exceeds the applicable effluent limitation.

2. Where your corrective actions result in changes to any of the stormwater controls or procedures documented in your SWP3, you must modify your SWP3 accordingly within seven calendar days of completing corrective action work.

Personnel Responsible for Corrective Actions

The site superintendent, Joe Sloniker, Crossland Construction Company, will be the primary person responsible for corrective action. Mr. Sloniker may, at his discretion, delegate corrective action responsibilities to other construction staff members who are qualified.

Corrective Action Forms

See Appendix F.

6.3 Delegation of Authority

Duly Authorized Representative(s) or Position(s):

Crossland Construction Company
Clint Riggs
Project Manager
(620)202.1637
criggs@crosslandconstruction.com

Crossland Construction Company
Joe Sloniker
Site Superintendent
(417)434.5879
jsloniker@crosslandconstruction.com

SECTION 7: TRAINING AND RECORDKEEPING

The project manager and/or the site superintendent shall keep record of individuals who receive training in installation, maintenance, inspection, and repair of storm water controls, as well as general procedures to follow with respect to the permit's pollution prevention requirements. Use the table below and/or Appendix H to track completion of training. It may be necessary to make copies of Appendix H to keep all necessary logs.

Table 7-1: Documentation for Completion of Training

Name	Date Training Completed

Prior to the commencement of earth-disturbing activities or pollutant-generating activities, whichever occurs first, you must ensure that the following personnel understand the requirements of this permit and their specific responsibilities with respect to those requirements:

- Personnel who are responsible for the design, installation, maintenance, and/or repair of stormwater controls, including pollution prevention measures;
- Personnel responsible for the application and storage of chemicals (if applicable);
- Personnel who are responsible for taking corrective actions as required in Part 4.5.15.

At a minimum, personnel must be trained to understand the following if related to the scope of their job duties (e.g., only personnel responsible for conducting inspections need to understand how to conduct inspection):

- The location of all stormwater controls on the site required by this permit, and how they are to be maintained;
- The proper procedures to follow with respect to the permit's pollution prevention requirements; and
- When and how to conduct inspections, record applicable findings, and take corrective actions

Records will be retained for a minimum period of three years after the permit is terminated.

The following is a list of records you should keep at your project site for inspectors to review.

- Dates of grading, construction activity, and stabilization (see Appendix I)
- A copy of the general construction permit CGP (see Appendix B)
- The signed and certified NOI form
- A copy of the letter from EPA notifying you of their receipt of your complete NOI/application
- Inspection reports (see Appendix E)
- Records relating to endangered species and historic preservation
- Log of changes to the SWPPP (see Appendix G)

SECTION 8: CERTIFICATION AND NOTIFICATION

A. OWNER'S CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE: Curtis Hart DATE: Feb 14, 2014

Title: OFFICER

B. CERTIFICATION OF COMPLIANCE BY ENGINEER

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE: DATE: 2.7.14

Title: Gene Phillips, P.E.
State of New Mexico No. 19465

SWPPP APPENDICES

Attach the following documentation to the SWPPP:

***Appendix A* – Location Map, FEMA FIRMette, Construction Documents**

Appendix B – Copy of 2012 EPA Construction General Permit

Appendix C – Notice of Intent

Appendix D – Notice of Termination

Appendix E – Inspection Form

Appendix F – Corrective Action Form

Appendix G – SWPPP Amendment Log

Appendix H – Subcontractor Certifications/Agreements

Appendix I – Grading and Stabilization Activities Log

Appendix J – Training Log

Appendix K – Delegation of Authority

Appendix A – Location Map, FEMA FIRMette, Construction Documents

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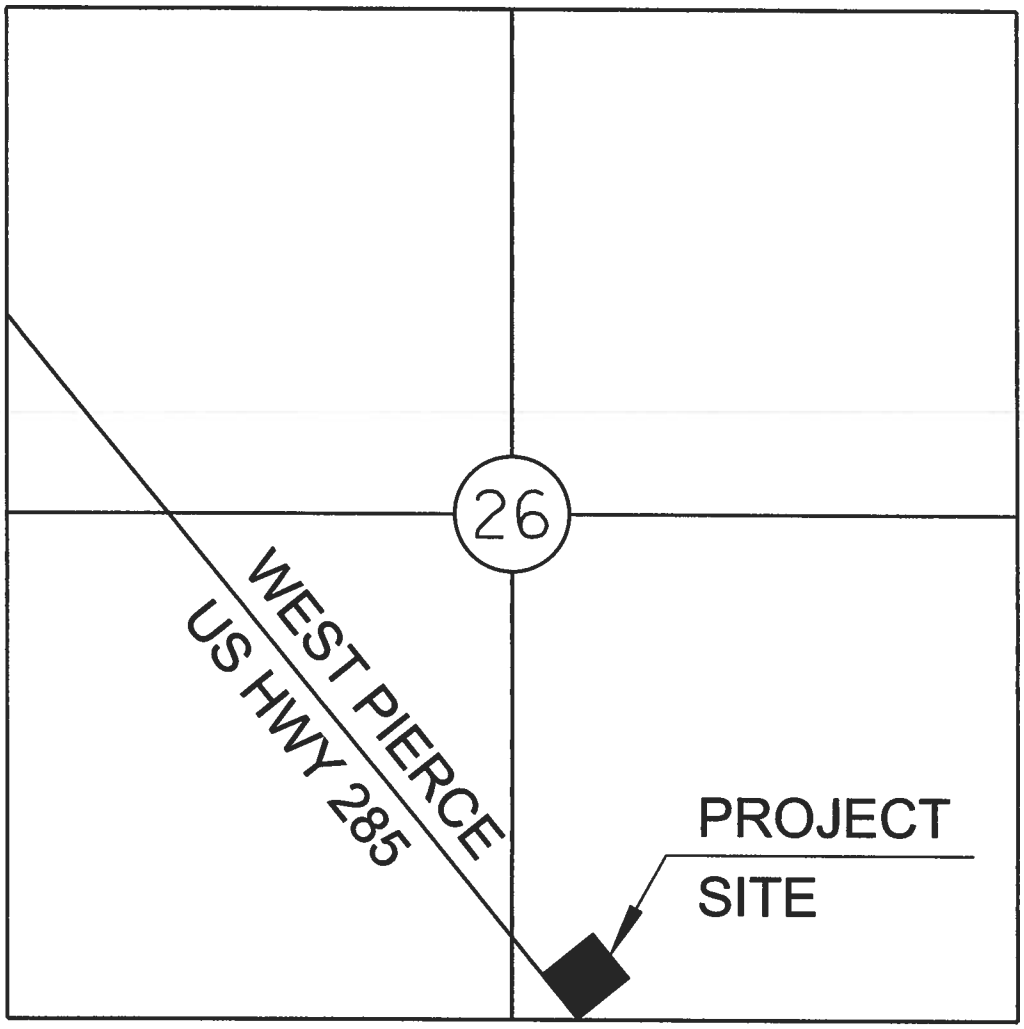

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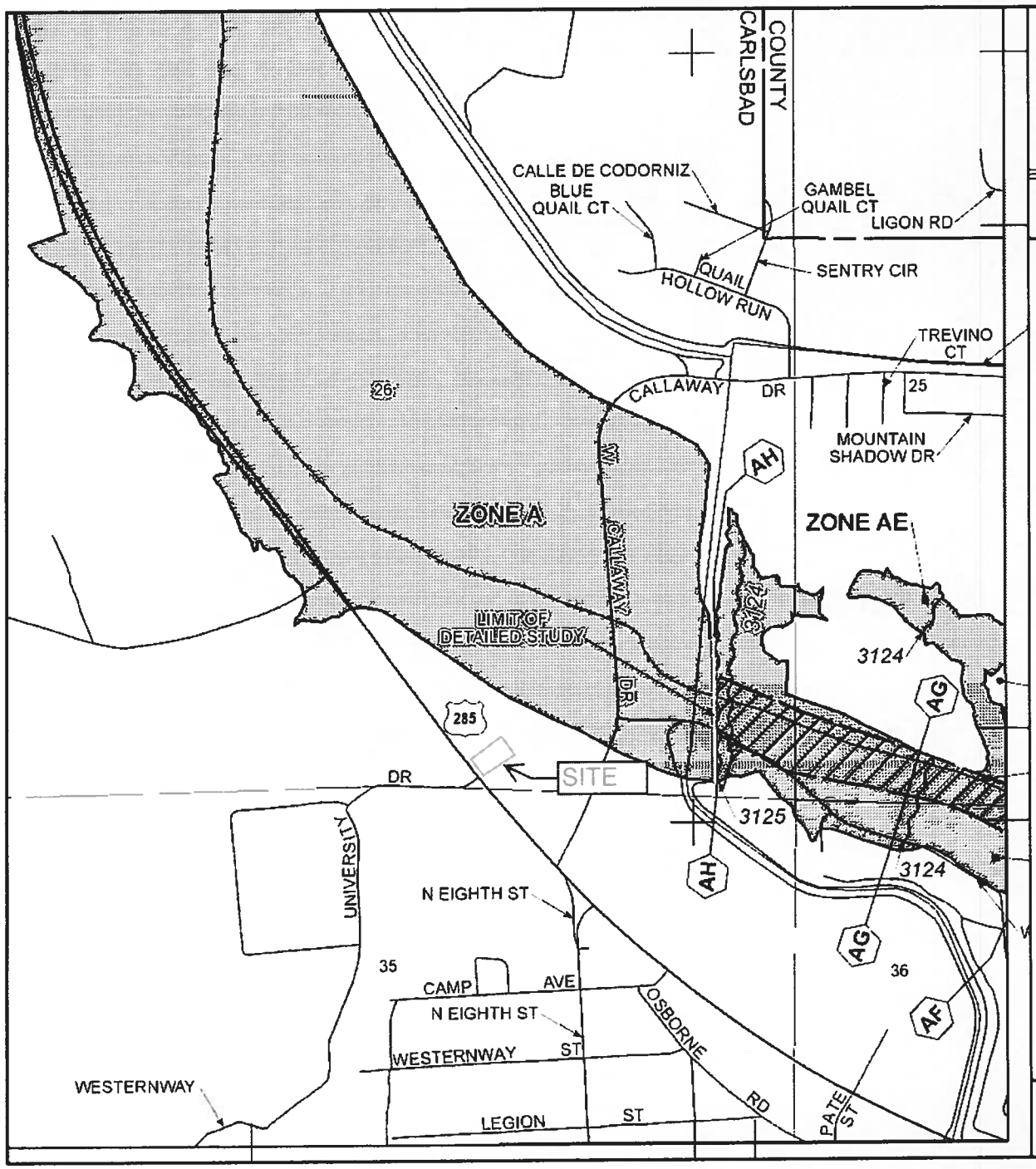
LOCATION MAP

SCALE: NTS



MAP SCALE 1" = 1000'

500 0 500 1,000 1,500 2,000 FEET

0 300 600 METERS

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 1035D

FIRM

FLOOD INSURANCE RATE MAP

EDDY COUNTY, NEW MEXICO

AND INCORPORATED AREAS

PANEL 1035 OF 2000

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
CARLSBAD, CITY OF	350017	1035	D
EDDY COUNTY UNINCORPORATED AREAS	350120	1035	D

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
35015C1035D

EFFECTIVE DATE
JUNE 4, 2010

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

GENERAL

CONDUCT SITE CLEARING OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION. STREETS AND ROADWAYS SHALL BE THOROUGHLY CLEANED AND/OR SWEPT ON A DAILY BASIS OR MORE FREQUENTLY AS REQUIRED BY THE GOVERNING AUTHORITY. RESTORE DAMAGED IMPROVEMENTS TO ORIGINAL CONDITION AS ACCEPTABLE TO PARTIES HAVING JURISDICTION.

THE CONTRACTOR SHALL PROVIDE DUST CONTROL MEASURES IN ACCORDANCE WITH LOCAL AUTHORITIES.

ALL STREET SURFACES, DRIVEWAYS, CULVERTS, ROADSIDE DRAINAGE DITCHES AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED IN ACCORDANCE WITH THE SPECIFICATIONS.

UNLESS SPECIFIED OTHERWISE, ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CITY OF TULSA STANDARDS, OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY STANDARDS AND OKLAHOMA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND/OR THE APPROPRIATE LOCAL AUTHORITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, PERMIT FEES, LICENSES, LICENSE FEES, AND TAP FEES, ETC.

ALL ELEVATIONS IN PAVED AREAS ARE TOP OF FINISHED PAVEMENT UNLESS OTHERWISE NOTED.

RELOCATION OF ANY UTILITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROPRIATE UTILITY COMPANY AND/OR REGULATORY AGENCY. CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM ENGINEER BEFORE ANY UTILITY RELOCATION.

NO DIMENSION MAY BE SCALED. REFER UNCLEAR ITEMS TO THE ENGINEER FOR INTERPRETATION.

ONE CALL:

ALL CONTRACTORS SHALL NOTIFY UTILITY COMPANIES AND GOVERNMENT AGENCIES IN WRITING OF THE INTENT TO EXCAVATE NO LESS THAN 72 HOURS PRIOR TO SUCH EXCAVATION (EXCLUSIVE OF SATURDAYS, SUNDAYS AND HOLIDAYS) AND CALL "811" AT 1-888-321-2537.

EXISTING UTILITY LOCATIONS SHOWN SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. LOCATIONS OF UNDERGROUND UTILITIES ON THESE DRAWINGS ARE APPROXIMATE ONLY AND BASED ON ACTUAL FIELD LOCATIONS OF VISIBLE STRUCTURES AND PLAN COMPUTATIONS.

SITE WORK AND GRADING

ALL FEATURES OF THIS PROJECT INCLUDING, BUT NOT LIMITED TO, SIDEWALKS AND CURB RAMPS SHALL COMPLY WITH THE AMERICAN DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES, AND THE INTERIM FINAL RULES FOR PUBLIC RIGHT-OF-WAY, PUBLISHED IN THE FEDERAL REGISTER, SEPTEMBER 2010 WHERE SPATIAL LIMITATIONS OR EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH THIS ACT, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF SUCH FEATURES. THE CONTRACTOR SHALL NOT PROCEED WITH ANY ASPECT OF THE WORK WHICH IS NOT IN FULL COMPLIANCE WITH THE ADA WITHOUT PRIOR, WRITTEN PERMISSION FROM THE ENGINEER. ANY WORK WHICH IS NOT PERFORMED WITHIN THE GUIDELINES OF THE ADA, FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL, SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

CROSS SLOPES FOR SIDEWALKS SHALL NOT EXCEED 1:50
RAMP SLOPES SHALL NOT EXCEED 1:12
GRADES EXCEEDING 5% WILL BE TREATED AS A RAMP SLOPE

FINISHED SUBGRADE SURFACE SHALL NOT BE MORE THAN 0.1 FEET ABOVE OR BELOW ESTABLISHED FINISHED SUBGRADE ELEVATIONS AND ALL GROUND SURFACES SHALL VARY UNIFORMLY BETWEEN INDICATED ELEVATIONS. FINISHED DITCHES SHALL BE GRADED TO ALLOW FOR PROPER DRAINAGE WITHOUT PONDING AND IN A MANNER THAT WILL MINIMIZE EROSION.

ELEVATIONS AND CONTOURS SHOWN ARE FINISHED GRADE UNLESS NOTED OTHERWISE, INCLUDING 6" OF SOD AND TOPSOIL.

GEOTECHNICAL:

SEE GEOTECHNICAL REPORTS PREPARED BY TERRACON, DATED AUGUST 14, 2013

SURVEY:

EXISTING TOPOGRAPHY IS BASED ON AN ACTUAL FIELD SURVEY PERFORMED BY PYBATTS LLC, DATED JULY 8, 2013

BENCH MARK:
CONTACT SURVEYOR FOR BENCHMARK INFORMATION

AS-BUILTS

THE CONTRACTOR SHALL KEEP ON SITE A CURRENT SET OF THE APPROVED CONSTRUCTION WORKING DRAWINGS AT ALL TIMES. THE CONTRACTOR SHALL MARK (IN RED INK) ALL APPROVED CHANGES INCURRED FOLLOWING PUBLIC WORKS DEPARTMENT APPROVAL OF THE INITIAL DRAWINGS. THESE CHANGES MAY BE INITIATED FROM FIELD CONDITIONS OR CHANGES MADE BY THE DESIGN ENGINEER OR THE PUBLIC WORKS ENGINEER, EXCEPT FOR MINOR FIELD ADJUSTMENTS. ALL CHANGES SHALL BE REVIEWED AND AGREED TO BY THE DESIGN ENGINEER AND THE PUBLIC WORKS ENGINEER PRIOR TO FINAL APPROVAL OF THE PROJECT. THE CONTRACTOR SHALL SUBMIT THE WORKING DRAWINGS TO THE ENGINEER OF RECORD (DESIGN ENGINEER) AFTER FINAL INSPECTION OF PROJECT TO SERVE AS A BASIS FOR DEVELOPMENT OF FINAL AS-BUILT RECORD DRAWINGS.

EROSION CONTROL NOTES

ALL EROSION CONTROL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND CITY OF CARLSBAD STANDARDS AND SPECIFICATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A STABILIZED CONSTRUCTION ENTRANCE, AND FOR CLEANING OF VEHICLE WHEELS IN ACCORDANCE WITH THE CITY OF CARLSBAD STANDARDS AND SPECIFICATIONS.

SILT FENCES: PLACEMENT OF SILT FENCES SHALL BE AS SHOWN ON THE DEMOLITION & EROSION CONTROL PLAN. FENCING WHICH BECOMES DAMAGED SHALL BE REPLACED PROMPTLY. DEPOSITS OF SILT WHICH BUILD UP BEHIND DIKES MAY BE DISPOSED INTO THE SITE BEFORE PLACEMENT OF TEMPORARY COVER. AFTER TEMPORARY COVER IS PLACED OR AFTER LANDSCAPING COMMENCES, SILT SHALL BE REMOVED AND DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.

EDDY COUNTY
NEW MEXICO

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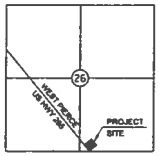

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LOCATION MAP
SCALE: N.T.S.

LEGEND

865	EXISTING MAJOR CONTOUR
862	EXISTING MINOR CONTOUR
869	NEW MAJOR CONTOUR
862	NEW MINOR CONTOUR
	FENCE
T	TELEPHONE OVERHEAD
PL	POWER LINE OVERHEAD
G	GAS LINE
O	OIL LINE
PUG	POWER UNDERGROUND
TUG	TELEPHONE UNDERGROUND
TVUG	TV UNDERGROUND
W	WATER LINE
SS	SANITARY SEWER LINE
	FLOW LINE DITCH
	HAY BALE
SF	SILT FENCE

BM	BENCH MARK
CO	CLEANOUT
	DOWN GUY
EP	EMERGENCY PHONE
FOC	FIBER OPTIC MANHOLE
FDC	FIRE DEPT CONNECTION
FH	FIRE HYDRANT
	GAS / OIL WELL
GM	GAS METER
LP	LIGHT POLE
P	POWER MANHOLE
	POWER POLE
PB	PULL BOX
SS	SANITARY MANHOLE
S	STEAM MANHOLE
S	STORM MANHOLE
T	TELEPHONE MANHOLE
TPED	TELEPHONE PEDESTAL
XFMR	TRANSFORMER PAD
	VALVE
WH	WATER HYDRANT
WM	WATER METER
	WATER WELL

BC	BOT OF CURB	PAV'T	PAVEMENT
CI	CAST IRON	PE	POLYETHYLENE
CLR	CLEAR	PVC	POLY VINYL CHLORIDE
CJ	CONSTRUCTION JOINT	R	RADIUS
DB	DRAINAGE BASIN	RD	ROOF DRAIN
DIP	DUCTILE IRON PIPE	RW	RIGHT OF WAY
DGCI	DOUBLE GRATE CURB INLET	RCP	REINF CONCRETE PIPE
DO	DOOR OPENING	RJ	RESTRAINED JOINT
EJ	EXPANSION JOINT	SGCI	SINGLE GRATE CURB INLET
EL	ELEVATION	SF	SQUARE FEET
FF	FINISH FLOOR	SJ	SAW JOINT
FG	FINISH GRADE	TC	TOP OF CURB
FL	FLOWLINE	TG	TOP OF GRATE
HB	HOSE BIB	TOF	TOP OF FOOTING
HDPE	HIGH DENSITY POLYETHYLENE	TP	TOP OF PAVEMENT
IRR	IRRIGATION	TS	TOP OF SIDEWALK
IST	INLET SEDIMENT TRAP	TS	TOP OF SIDEWALK
LF	LINEAR FEET	TW	TOP OF WALL
OHD	OVERHEAD DOOR	UNO	UNLESS NOTED OTHERWISE

PLANNING, ENGINEERING, AND REGULATION DEPARTMENT:

STEPHANIE SHUMSKY, AICP, CFM
ADA COORDINATOR
PLANNING DIRECTOR
575 234 7923

ERIC HAMMARNETE, PE
CITY ENGINEER
575 234 7930

RC CASS
SENIOR BUILDING INSPECTOR
FLOODPLAIN ADMINISTRATOR
ACCESSING
575 234 7923

FIRE:

CARLSBAD FIRE DEPARTMENT
NON-EMERGENCY 575 885 3125
EMERGENCY 911

GAS:

NEW MEXICO GAS COMPANY
888 664 3739

COMMUNICATIONS:

SAJA BROADBAND
888 885 5788
1002 NORTH CANAL
CARLSBAD, NM 88220

ELECTRIC:

XCEL ENERGY
NEW MEXICO
888 628 2121

CAUTION

NOTICE TO CONTRACTOR
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES.

E-W DESIGN LLC
PO BOX 52273
TULSA, OK 74152
PHONE: (918) 625-6688

ENGINEER OF RECORD:

COMFORT SUITES
CARLSBAD, NM

JOB # 2013 091

COMFORT SUITES

COMFORT SUITES
CARLSBAD, NEW MEXICO

SCALE: As indicated
DATE: 1.21.14
PROJECT NO.: 2013-091
REVISIONS:

CONSTRUCTION DOCUMENTS

GENERAL NOTES

SHEET NUMBER
C100

ALTA/ACSM LAND TITLE SURVEY

C&D DEVELOPERS, LLC
2700 BLOCK OF W. PIERCE STREET
CARLSBAD, NEW MEXICO

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE PREPARED FOR THE BENEFIT OF C & D DEVELOPER LLC, TITLE INSURANCE COMPANY, WERE MADE (1) IN ACCORDANCE WITH THE "MINIMUM STANDARDS DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS" JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, (2) PURSUANT TO THE ACCURACY STANDARDS (AS ADOPTED BY ALTA AND NSPS IN EFFECT ON THE DATE OF THIS CERTIFICATION) OF AN URBAN SURVEY THE EASEMENTS SHOWN ON THIS SURVEY ARE BASED UPON VISIBLE EVIDENCE AND UTILITY COMPANIES MARKINGS ON THE GROUND.

Description:

BEGINNING AT A POINT THAT LIES ON THE NORTHERLY R.O.W. OF WEST PIERCE STREET N37°35'00"W 200.73 FEET FROM THE INTERSECTION POINT OF THE NORTHERLY R.O.W. AND THE SECTION LINE COMMON TO SECTIONS 26 & 35, TOWNSHIP 21 SOUTH, RANGE 26 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO, THEN CONTINUING ALONG SAID NORTHERLY R.O.W. N38°43'17"W FOR 250.00 FEET, THEN N50°48'43"E FOR 348.50 FEET, THEN S36°40'59"E FOR 250.00 FEET, THEN S50°48'43"W FOR 348.33 FEET BACK TO THE POINT OF BEGINNING. CONTAINING 2.00 ACRES MORE OR LESS.

AND

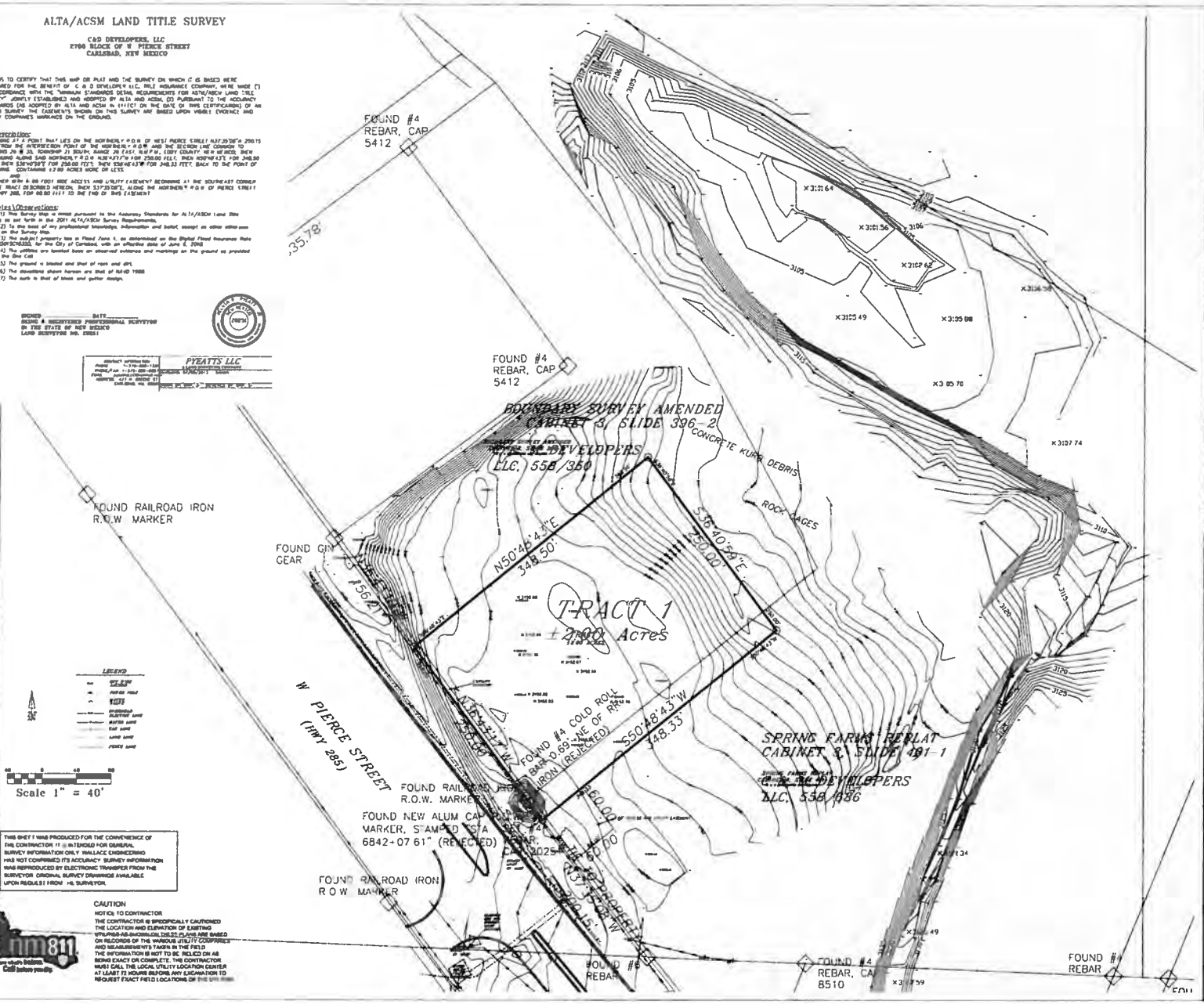
RESERVE UNDER 4.00 FOOT WIDE ACCESS AND UTILITY EASEMENT BEGINNING AT THE SOUTHEAST CORNER OF THE TRACT DESCRIBED HEREON, THEN S37°35'00"E, ALONG THE NORTHERLY R.O.W. OF PIERCE STREET AND HWY 285, FOR 60.00 FEET TO THE END OF THIS EASEMENT.

Notes\Observations:

(1) This Survey Map is meant pursuant to the Accuracy Standards for ALTA/ASCM Land Title Surveys as set forth in the 2011 ALTA/ASCM Survey Requirements.
(2) To the best of my professional knowledge, information and belief, except as either otherwise shown on the Survey Map.
(3) The subject property lies in Flood Zone X, as determined on the Digital Flood Insurance Rate Map, 35015C0255, for the City of Carlsbad, with an effective date of June 2, 2010
(4) The utilities are located based on observed evidence and markings on the ground as provided for by the One Call.
(5) The ground is bladed and that of rock and dirt.
(6) The elevations shown hereon are that of NAVD 1988
(7) The curb is that of brick and gutter design.

SIGNED DATE
BRENT A. MESSENGER PROFESSIONAL SURVEYOR
IN THE STATE OF NEW MEXICO
LAND SURVEYOR NO. 23651

PYEATTS LLC



THIS SHEET WAS PRODUCED FOR THE CONVENIENCE OF THE CONTRACTOR IT IS INTENDED FOR GENERAL SURVEY INFORMATION ONLY. WALLACE ENGINEERING HAS NOT CONFIRMED ITS ACCURACY. SURVEY INFORMATION WAS REPRODUCED BY ELECTRONIC TRANSFER FROM THE SURVEYOR. ORIGINAL SURVEY DRAWINGS AVAILABLE UPON REQUEST FROM HIS SURVEYOR.

CAUTION

NOTICE TO CONTRACTOR

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nm811 Know what's below. Call before you dig.

E-H DESIGN LLC
PO BOX 52272
TULSA, OK 74153
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wallace

COMFORT SUITES
CARLSBAD, NM

JOB # 2013.091

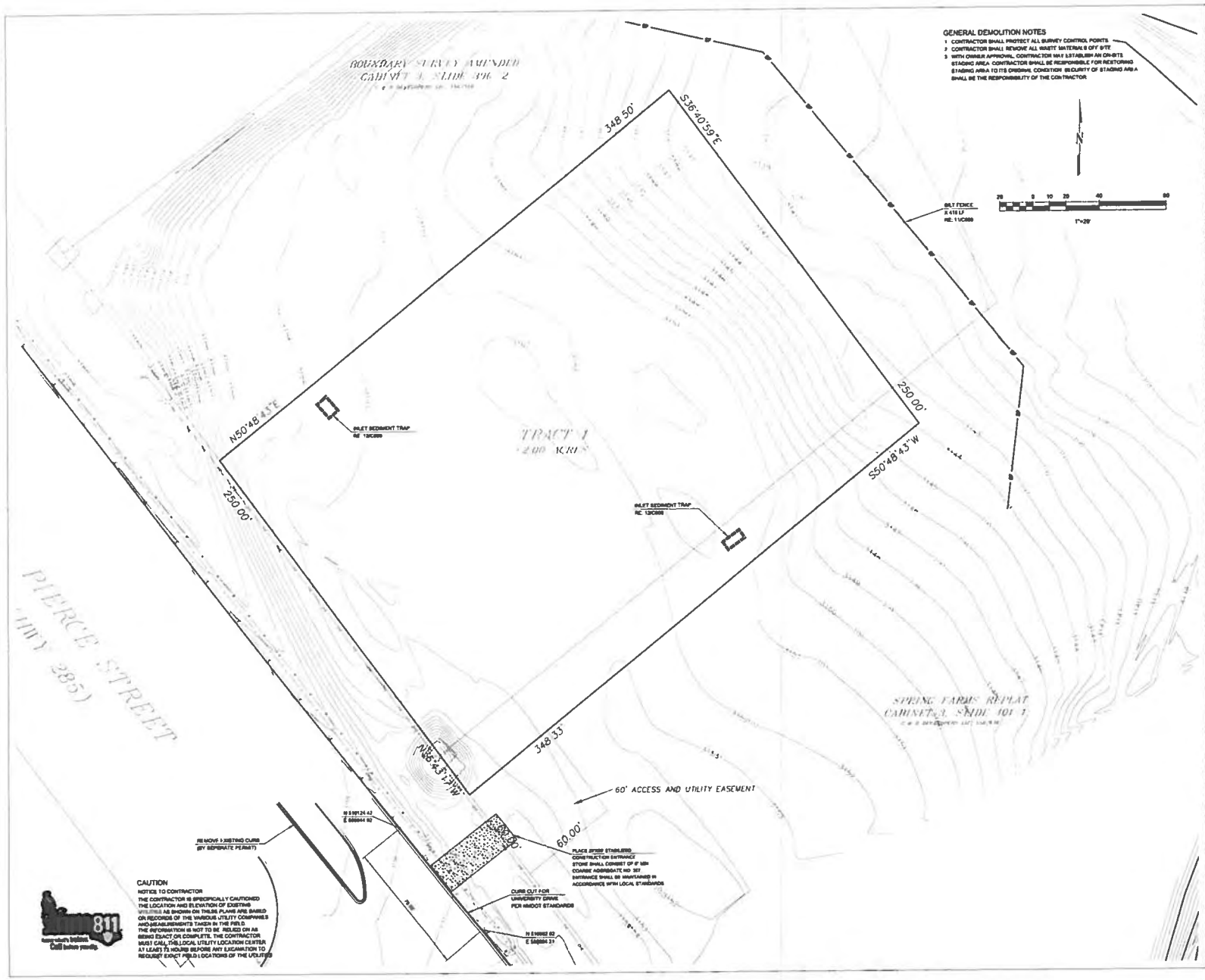
COMFORT SUITES

COMFORT SUITES
CARLSBAD, NEW MEXICO

CONSTRUCTION DOCUMENTS

SURVEY

C200



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TULSA, OK 74152
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wallace

ENGINEER OF RECORD

COMFORT SUITES
CARLSBAD, NM

JOB # 2013 051

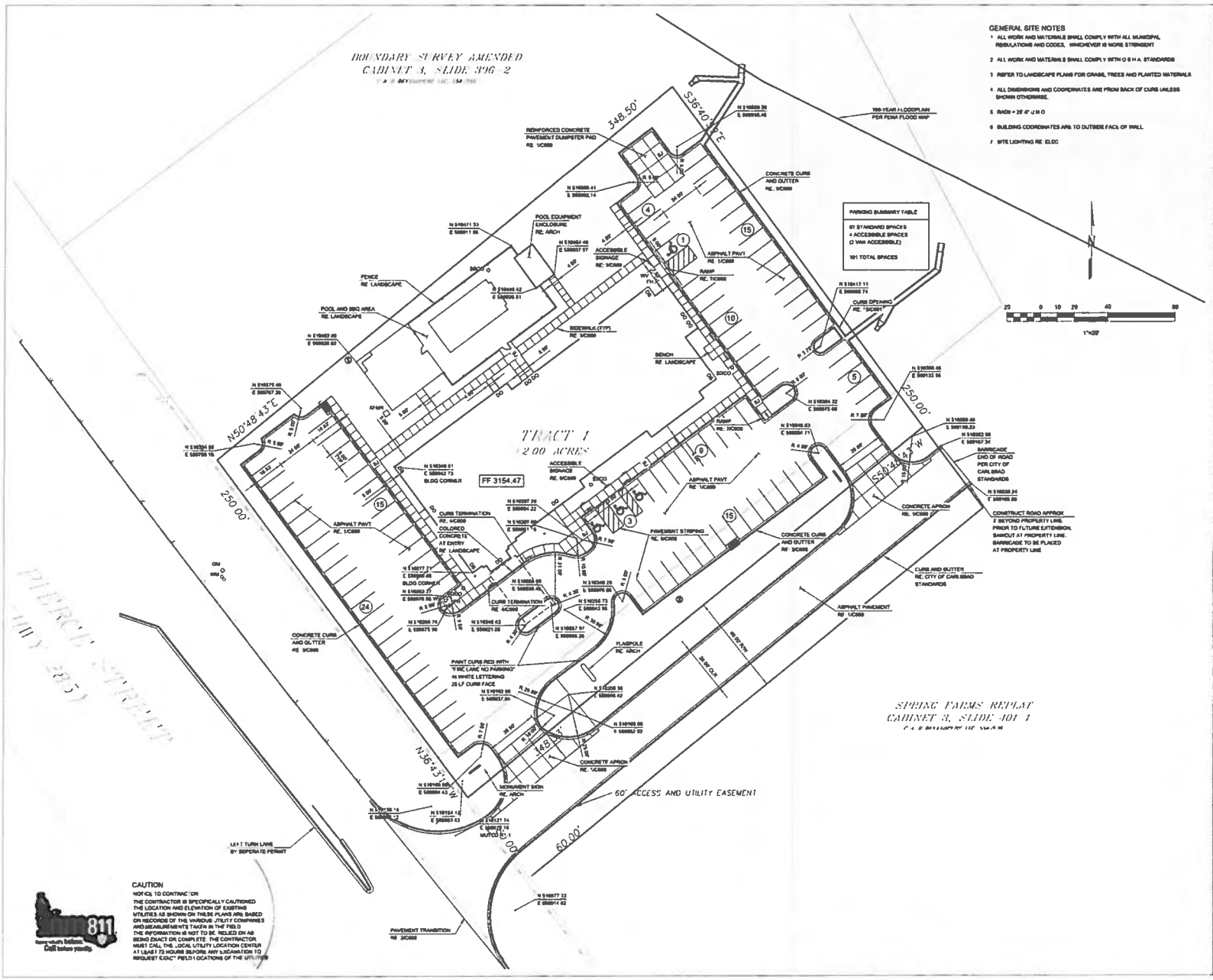
COMFORT SUITES

COMFORT SUITES
CARLSBAD, NEW MEXICO

CONSTRUCTION DOCUMENTS

DEMOLITION & EROSION CONTROL PLAN

SHEET NUMBER
C300



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ENGINEER OF RECORD:

COMFORT SUITES
CARLSBAD, NM
JOB # 2013 091

COMFORT SUITES

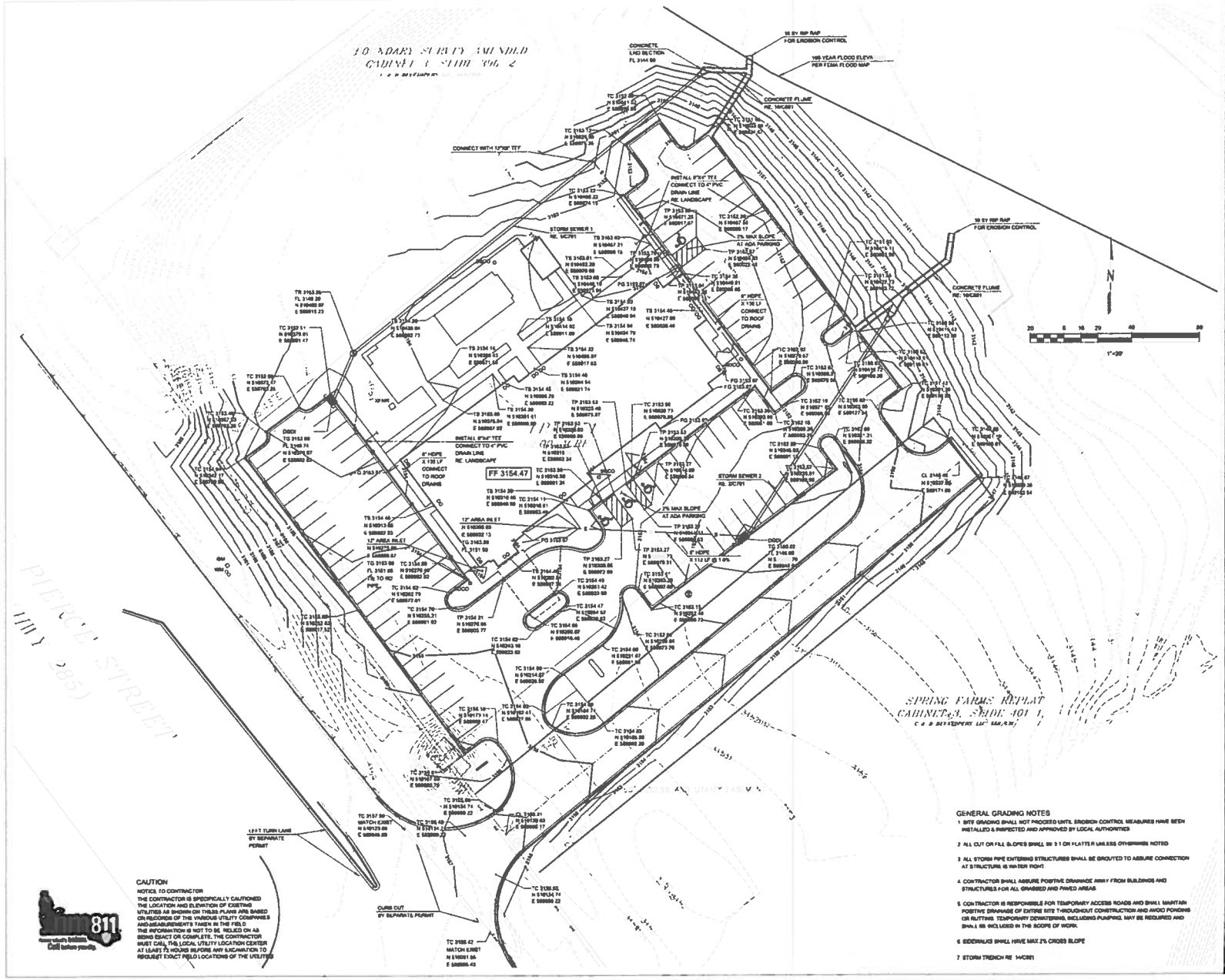
COMFORT SUITES
CARLSBAD, NEW MEXICO

SCALE
DATE
PROJECT NO. 2013-091
REVISIONS

CONSTRUCTION DOCUMENTS

SITE PLAN

SHEET NUMBER
C400



GENERAL GRADING NOTES

1. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED & INSPECTED AND APPROVED BY LOCAL AUTHORITIES
2. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED
3. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATER TIGHT
4. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES FOR ALL GRASSED AND PAVED AREAS
5. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY ACCESS ROADS AND SHALL MAINTAIN POSITIVE DRAINAGE OF ENTIRE SITE THROUGHOUT CONSTRUCTION AND AVOID PONDING OR RUTTING. TEMPORARY DEWATERING, INCLUDING PUMPING, MAY BE REQUIRED AND SHALL BE INCLUDED IN THE SCOPE OF WORK
6. SIDEWALKS SHALL HAVE MAX 2% CROSS SLOPE
7. STORM TRENCH RE 14C001

CAUTION

NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT (,&#,) 75 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES

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E-Hi DESIGN LLC
PO BOX 52272
TULSA, OK 74152
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wallace

ENGINEER OF RECORD

COMFORT SUITES
CARLSBAD, NM

JOB # 2013 001

COMFORT SUITES

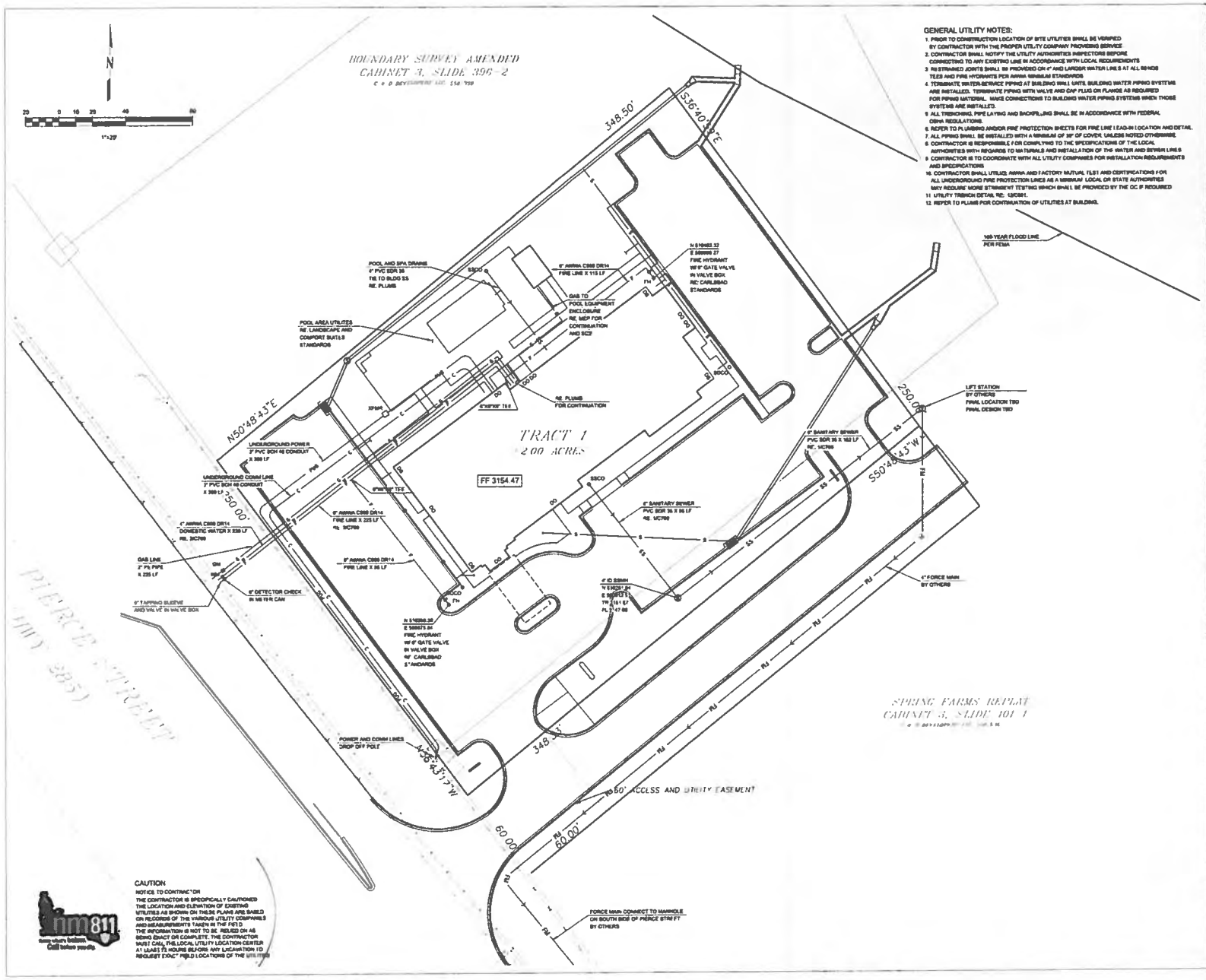
COMFORT SUITES
CARLSBAD, NEW MEXICO

SCALE: As indicated
DATE: 1.21.14
PROJECT NO.: 2013.001
REVISIONS:

CONSTRUCTION DOCUMENTS

GRADING PLAN

SHEET NUMBER
C500



GENERAL UTILITY NOTES:

1. PRIOR TO CONSTRUCTION LOCATION OF SITE UTILITIES SHALL BE VERIFIED BY CONTRACTOR WITH THE PROPER UTILITY COMPANY PROVIDING SERVICE
2. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS BEFORE CONNECTING TO ANY EXISTING LINE IN ACCORDANCE WITH LOCAL REQUIREMENTS
3. RS STRAINED JOINTS SHALL BE PROVIDED ON 4" AND LARGER WATER LINES AT ALL BENDS TEES AND FIRE HYDRANTS PER AWWA MINIMUM STANDARDS
4. TERMINATE WATER-SERVICE PIPING AT BUILDING WALL UNTIL BUILDING WATER PIPING SYSTEMS ARE INSTALLED. TERMINATE PIPING WITH VALVE AND CAP PLUG OR FLANGE AS REQUIRED FOR PIPING MATERIAL. MAKE CONNECTIONS TO BUILDING WATER PIPING SYSTEMS WHEN THOSE SYSTEMS ARE INSTALLED.
5. ALL TRENCHING, PIPE LAYING AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.
6. REFER TO PLUMBING AND/OR FIRE PROTECTION SHEETS FOR FIRE LINE LEAD-IN LOCATION AND DETAIL.
7. ALL PIPING SHALL BE INSTALLED WITH A MINIMUM OF 36" OF COVER, UNLESS NOTED OTHERWISE.
8. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES
9. CONTRACTOR IS TO COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
10. CONTRACTOR SHALL UTILIZE AWWA AND FACTORY MUTUAL FLS1 AND CERTIFICATIONS FOR ALL UNDERGROUND FIRE PROTECTION LINES AS A MINIMUM. LOCAL OR STATE AUTHORITIES MAY REQUIRE MORE STRINGENT TESTING WHICH SHALL BE PROVIDED BY THE OC IF REQUIRED
11. UTILITY TRENCH DETAIL RE: 12/C601.
12. REFER TO PLUMB FOR CONTINUATION OF UTILITIES AT BUILDING.

CAUTION

NOTICE TO CONTRACTOR

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nm811 Know what's below. Call before you dig.

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TULSA, OK 74153
PHONE: (918) 523-0055

wallace

ENGINEER OF RECORD:

COMFORT SUITES
CARLSBAD, NM

JOB # 2013.001

COMFORT SUITES

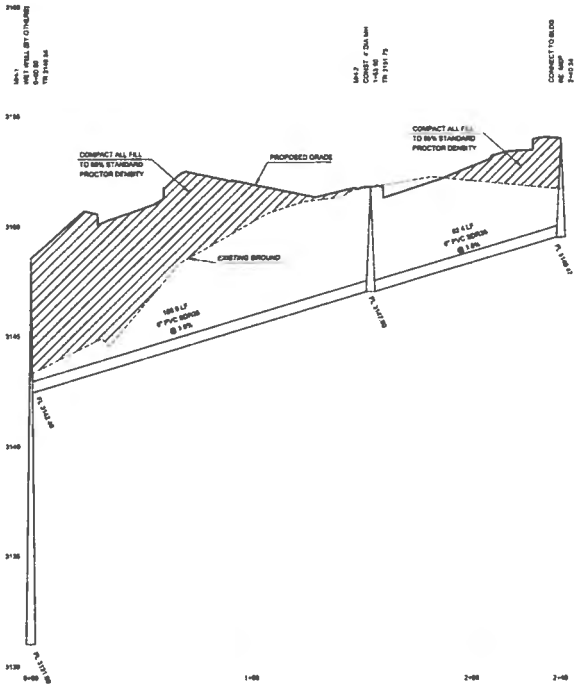
COMFORT SUITES
CARLSBAD, NEW MEXICO

SCALE: As indicated
DATE: 1.21.14
PROJECT NO.: 2013.001

CONSTRUCTION DOCUMENTS

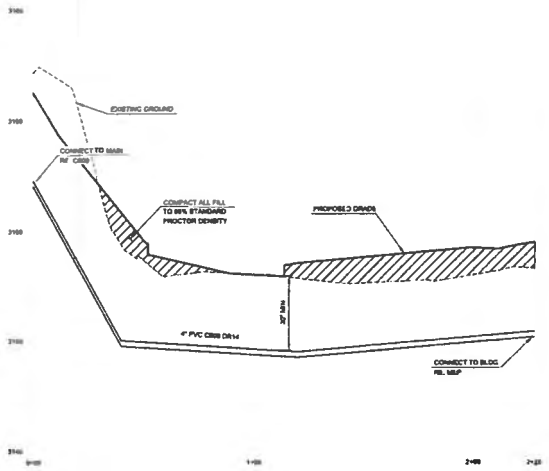
UTILITY PLAN

SHEET NUMBER
C600



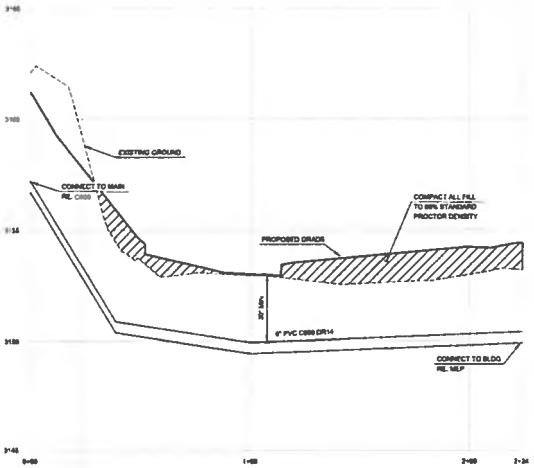
1 SANITARY SEWER SERVICE LINE

SCALE: 1"=2'-0" VERT, 1"=20'-0" HORIZ



2 WATER SERVICE LINE

SCALE: 1"=2'-0" VERT, 1"=20'-0" HORIZ



3 FIRE SUPPRESSION LINE

SCALE: 1"=2'-0" VERT, 1"=20'-0" HORIZ

CAUTION

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E+H DESIGN LLC
PO BOX 52272
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ENGINEER OF RECORD

COMFORT SUITES CARLSBAD, NM

JOB # 2013 091

COMFORT SUITES

COMFORT SUITES
CARLSBAD, NEW MEXICO

SCALE: As Indicated
DATE: 1.21.14
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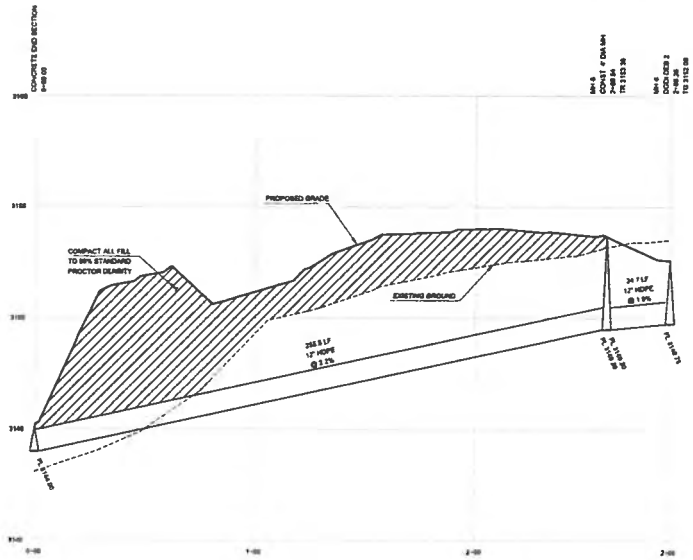
REVISIONS:

CONSTRUCTION DOCUMENTS

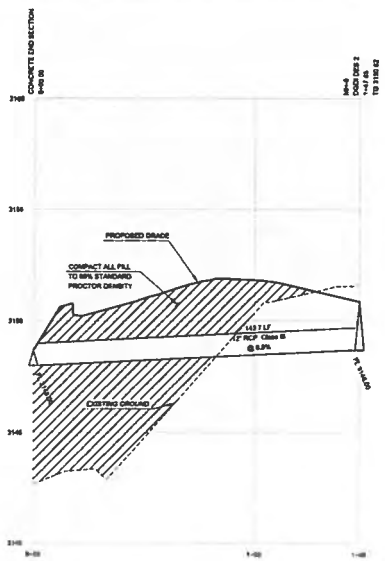
UTILITY PROFILES

SHEET NUMBER
C700



1 **STORM SEWER 1**

SCALE: 1"=2'-0" VERT, 1"=20'-0" HORIZ



2 **STORM SEWER 2**

SCALE: 1"=2'-0" VERT, 1"=20'-0" HORIZ

CAUTION

NOTICE TO CONTRACTOR

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CARLSBAD, NM

JOB # 2013 091

COMFORT SUITES

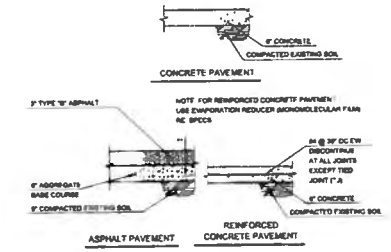
COMFORT SUITES
CARLSBAD, NEW MEXICO

SCALE As indicated
DATE 1.21.14
PROJECT NO. 2013-091
REVISIONS

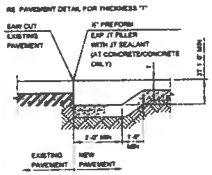
CONSTRUCTION DOCUMENTS

STORM PROFILES

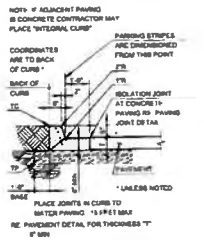
SHEET NUMBER
C701



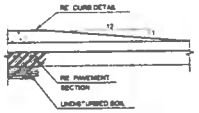
1 PAVEMENT DETAIL
SCALE: NTS



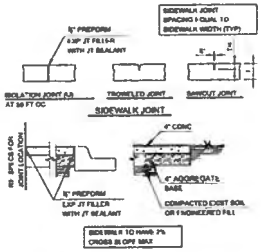
2 PAVEMENT TRANSITION
SCALE: NTS



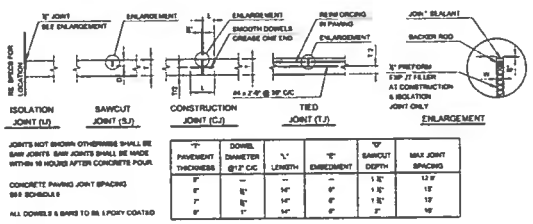
3 CURB AND GUTTER (BARRIER)
SCALE: NTS



4 CURB TERMINATION
SCALE: NTS



5 SIDEWALK
SCALE: NTS



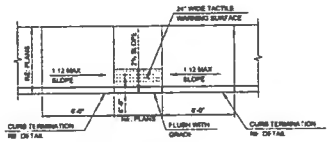
JOINTS NOT SHOWN OTHERWISE SHALL BE SAW JOINTS. SAW JOINTS SHALL BE MADE WITHIN 18 HOURS AFTER CONCRETE POUR.

CONCRETE PAVING JOINT SPACING SEE SCHEDULE

ALL DOWELS & BARS TO BE EPOXY COATED

"T" PAVEMENT THICKNESS	DOWEL DIAMETER @12" C/C	"L" LENGTH	"E" EMBEDMENT	"D" SAWCUT DEPTH	MAX JOINT SPACING
5"	–	–	–	1 ½"	12 ft
6"	½"	14"	6"	1 ½"	13'
7"	½"	14"	6"	1 ½"	13'
8"	1"	14"	6"	2"	15'

6 PAVING JOINT DETAIL
SCALE: NTS



7 CURB RAMPS
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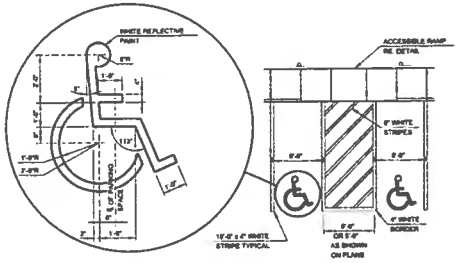
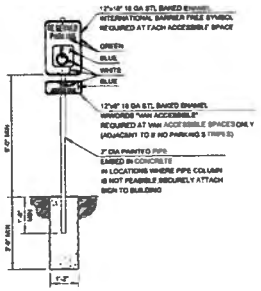
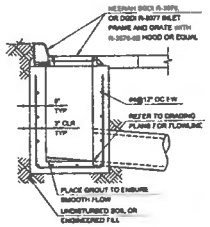


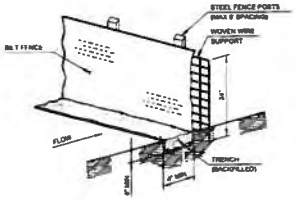
8 ACCESSIBLE STRIPING
SCALE: NTS



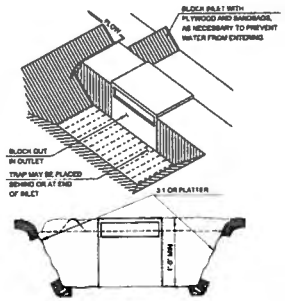
9 ACCESSIBLE SIGNAGE
SCALE: NTS



10 CURB INLET
SCALE: NTS



11 SILT FENCE
SCALE: NTS



12 INLET SEDIMENT TRAP - CURB DRAIN
SCALE: NTS

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TULSA, OK 74152
PHONE: (918) 625-6855

wallace

ENGINEER OF RECORD

COMFORT SUITES
CARLSBAD, NM

JOB # 2013.001

COMFORT SUITES

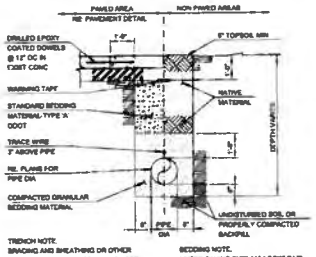
COMFORT SUITES
CARLSBAD, NEW MEXICO

SCALE: As noted
DATE: 1.21.14
PROJECT NO.:
REVISIONS:

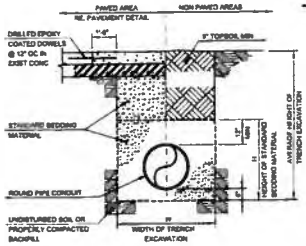
CONSTRUCTION DOCUMENTS

DETAILS

SHEET NUMBER
C800



13 PIPE TRENCH-ALL PIPES EXCEPT STORM SEWER
SCALE: NTS



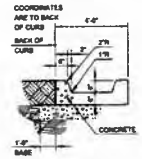
LIMITS OF STANDARD BEDDING MATERIAL QUANTITIES FOR BEDDING MATERIAL DO NOT INCLUDE THE SPACE WITHIN AND BOUNDED BY THE OUTER SURFACE OF THE PIPE CONDUIT

TRENCH NOTE:
BRACING AND SHEATHING OR OTHER TRENCH PROTECTION TO BE PROVIDED TO MEET APPLICABLE STATE AND OSHA SAFETY STANDARDS. ALL SUCH TRENCH PROTECTION TO BE RESPONSIBILITY OF THE CONTRACTOR

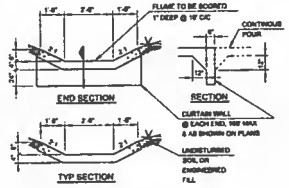
BEDDING NOTE:
STANDARD BEDDING MATERIAL MUST BE ODOT TYPE "A" AGGREGATE BASE UNDER PAVING TYPE "A" AGGREGATE BASE MUST BE TO THE TOP OF THE TRENCH. TYPE "A" AGGREGATE BASE TO BE COMPACTED TO 95% STANDARD PROCTOR

PIPE SIZE, IN	TRENCH WIDTH, FT
ID < 24"	OD + 2'
24" > ID < 36"	OD + 2.5'
36" < ID < 60"	OD + 3.0'
ID > 60"	OD + 4'

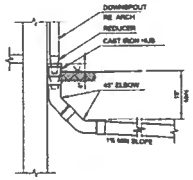
14 STANDARD PIPE BEDDING DETAIL FOR STORM SEWER
SCALE: NTS



15 CURB OPENING
SCALE: NTS



16 CONCRETE FLUME
SCALE: NTS



17 DOWNSPOUT TO STORMDRAIN CONNECTION
SCALE: NTS

E-49 DESIGN LLC
PO BOX 52272
TULSA, OK 74152
PHONE: (918) 626-6655

wallace

REGISTER OF RECORD

COMFORT SUITES
CARLSBAD, NM

JOB # 2013 011

COMFORT SUITES

COMFORT SUITES
CARLSBAD, NEW MEXICO

SCALE
DATE 1.21.14
PROJECT NO. 2013-011
REVISIONS

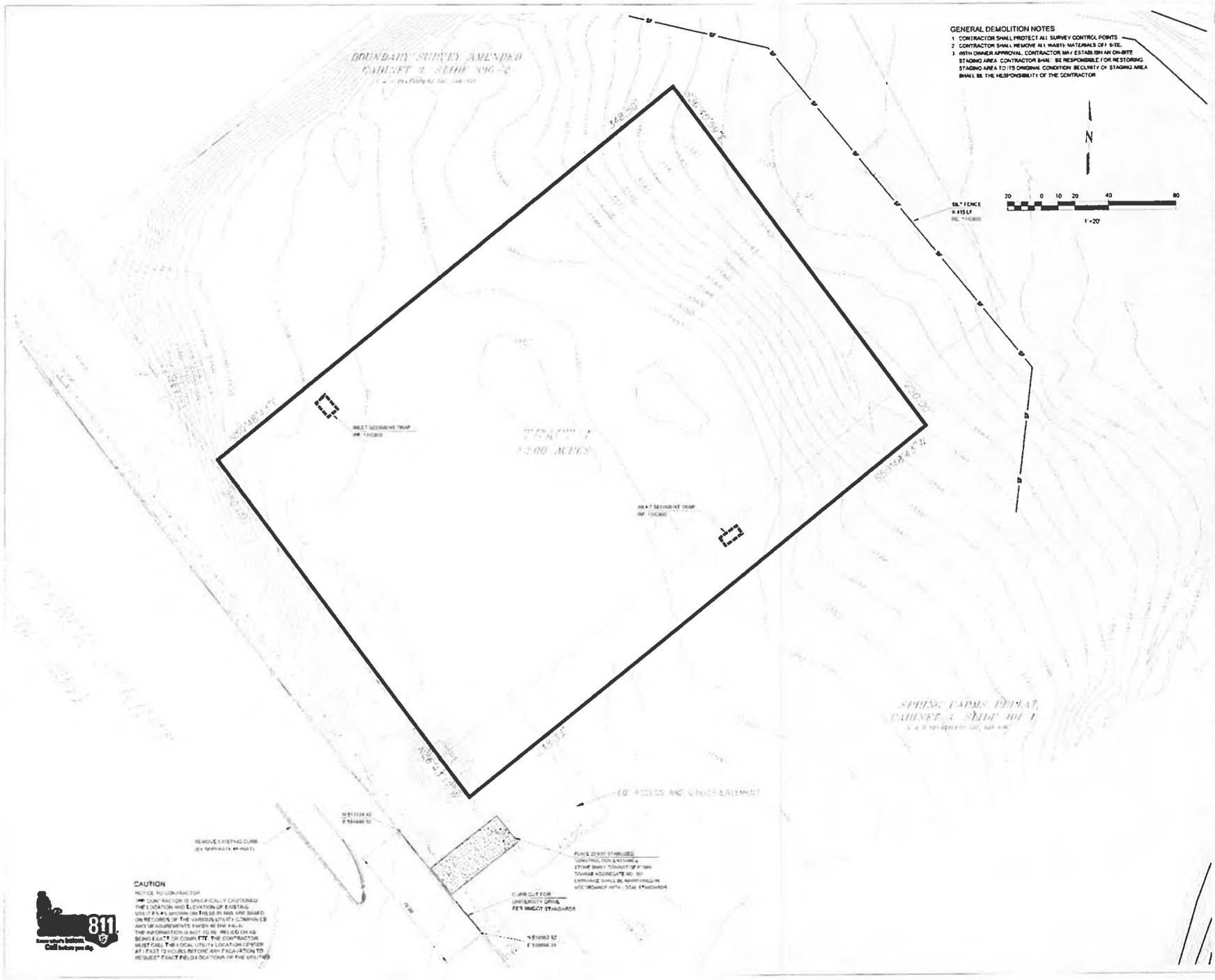
CONSTRUCTION DOCUMENTS

DETAILS

SHEET NUMBER
C801

Appendix B – Copy of 2012 EPA Construction General Permit

CGP not included in this scanned copy.



GENERAL DEMOLITION NOTES

1. CONTRACTOR SHALL PROTECT ALL SURVEY CONTROL POINTS
2. CONTRACTOR SHALL REMOVE ALL WASTE MATERIALS OFF SITE.
3. WITH OWNER APPROVAL, CONTRACTOR MAY ESTABLISH AN ON-SITE STAGING AREA. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING STAGING AREA TO ITS ORIGINAL CONDITION. SECURITY OF STAGING AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR

E-N DESIGN LLC
PO BOX 52273
TULSA, OK 74152
PHONE: (918) 625-0850

ENGINEER OF RECORD

COMFORT SUITES
CARLSBAD, NM

COMFORT SUITES

COMFORT SUITES
CARLSBAD, NEW MEXICO

PERMIT SET -
NOT FOR
CONSTRUCTION

DEMOLITION & EROSION CONTROL PLAN

C300

NPDES FORM 3510-9	EPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER AN NPDES GENERAL PERMIT	Form Approved. OMB Nos. 2040-0004

Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section II of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section I of this form. Submission of this NOI also constitutes notice that the operator identified in Section II of this form meets the eligibility requirements of Parts 1.1 and 1.2 of the CGP for the project identified in Section III of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in Part 8 of the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form.

I. Approval to Use Paper NOI Form

Have you been given approval from the Regional Office to use this paper NOI form*? ☐ Yes ☐ NO

If yes, provide the reason you need to use this paper form, the name of the EPA Regional Office staff person who approved your use of this form, and the date of approval:

Reason for using paper form:

Name of EPA staff person:

Date approval obtained:

*** Note: You are required to obtain approval from the applicable Regional Office prior to using this paper NOI form.**

II. Permit Information: Tracking Number (EPA Use Only) NMR12AS56

Permit Number: NMR120000 (see Appendix B of the CGP for the list of eligible permit numbers)

III. Operator Information

Name: Crossland Construction Company

Phone: 620.202.1637 Fax (Optional):

Email: criggs@crosslandconstruction.com

IRS Employer Identification Number (EIN):

Point of Contact (First Name, Middle Initial, Last Name): Clint Riggs

Mailing Address:

Street: 833 S East Ave

City: Columbus State: KS Zip: 66725

NOI Preparer (Complete if NOI was prepared by someone other than the certifier):

Prepared by (First Name, Middle Initial, Last Name): Alan Taylor

Organization: Wallace Engineering

Phone: (918) 584-5858 Fax (Optional):

E-mail: alantaylor@wallacesc.com

IV. Project/Site Information

Project/Site Name: Comfort Suites

Project/Site Address:

Street/Location:

City: Carlsbad State: NM Zip: 88220

County or similar government subdivision: Eddy

For the project/site for which you are seeking permit coverage, provide the following information:

Latitude/Longitude (Use one of three possible formats, and specify method)

Latitude 1.	32.26.40	N(degrees, minutes, seconds)	Longitude 1.	104.15.40	W(degrees, minutes, seconds)
2.		N(degrees, minutes, decimal)	2.		W(degrees, minutes, decimal)
3.		N(degrees, decimals)	3.		W(degrees, decimals)

Latitude/Longitude Data Source: ☐ U.S.G.S topographical map ☐ EPA Web Site ☐ GPS ☑ Other: Google Earth

If you used a U.S.G.S. topographic map, what was the scale?

Horizontal Reference Datum: ☐ NAD 27 ☐ NAD 83 or WGS 84 ☑ Unknown

Is your project located in Indian Country lands? ☐ Yes ☑ No

If yes, provide the name of the Indian tribe associated with the area of Indian country (including name of Indian reservation, if applicable), or if not in Indian country, provide the name of the Indian tribe associated with the property:

Are you requesting coverage under this NOI as a "federal operator" as defined in Appendix A? ☐ Yes ☑ No

Estimated Project Start Date: 02/01/2014 Estimated Project Completion Date: 07/01/2014

Estimated Area to be Disturbed (to the nearest quarter acre): 2.0

Have earth-disturbing activities commenced on your project/site? ☑ Yes ☐ No

If yes, is your project an emergency-related project? ☐ Yes ☑ No

Have stormwater discharges from your project/site been covered previously under an NPDES permit? ☐ Yes ☑ No

If yes, provide the Tracking Number if you had coverage under EPA's CGP or the NPDES permit number if you had coverage under an EPA individual permit:

V. Discharge Information

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? ☐ Yes ☑ No

Are there any surface waters within 50 feet of your project's earth disturbances? ☐ Yes ☑ No

Receiving Waters and Wetlands Information: (Attach a separate list if necessary)

Surface water(s) to which discharge	Impaired Water	Listed Water Pollutant(s)	Tier 2, 2.5 or 3	Source	TMDL Name and Pollutant
Pecos River	Yes	CAUSE UNKNOWN TOTAL TOXICS	Yes	NM 303d list	Lower Tansil Lake/Lake Carlsbad (Carlsbad Municipal Lake)

Describe the methods you used to complete the above table: Please refer to the Source(s) in the above table.

VI. Chemical Treatment Information

Will you use polymers, flocculants, or other treatment chemicals at your construction site? ☐ Yes ☑ No

If yes, will you use cationic treatment chemicals* at your construction site? ☐ Yes ☐ No

If yes, have you been authorized to use cationic treatment chemicals by your applicable EPA Regional Office in advance of filing your NOI*? ☐ Yes ☐ No

If you have been authorized to use cationic treatment chemicals by your applicable EPA Regional Office, attach a copy of your authorization letter and include documentation of the appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards.

Please indicate the treatment chemicals that you will use:

* Note: You are ineligible for coverage under this permit unless you notify your applicable EPA Regional Office in advance and the EPA office authorizes coverage under this permit after you have included appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards.

VII. Stormwater Pollution Prevention Plan (SWPPP) Information

Has the SWPPP been prepared in advance of filing this NOI? ☑ Yes ☐ No

SWPPP Contact Information:

First Name, Middle Initial, Last Name: Alan Taylor

Organization: Wallace Engineering

Phone: 918.584.5858 Fax (Optional):

E-mail: alantaylor@wallacesc.com

VIII. Endangered Species Protection

Using the Instructions in Appendix D of the CGP, under which criterion listed in Appendix D are you eligible for coverage under this permit (only check 1 box)?

☑ A ☐ B ☐ C ☐ D ☐ E ☐ F

Provide a brief summary of the basis for criterion selection listed in Appendix D (e.g., communication with U.S. Fish and Wildlife Service or National Marine Fisheries Service, specific study):visual inspection based on fws endangered species list

If you select criterion B, provide the Tracking Number from the other operator's notification of authorization under this permit:

If you select criterion C, you must attach a copy of your site map (see Part 7.2.6 of the permit), and you must answer the following questions:

What federally-listed species or federally-designated critical habitat are located in your "action area":

What is the distance between your site and the listed species or critical habitat (miles):

If you select criterion D, E, or F, attach copies of any letters or other communications between you and the U.S. Fish and Wildlife Service or National Marine Fisheries Service.

IX. Historic Preservation

Is your project/site located on a property of religious or cultural significance to an Indian tribe? ☐ Yes ☑ No

If yes, provide the name of the Indian tribe associated with the property:

Are you installing any stormwater controls as described in Appendix E that require subsurface earth disturbance? (Appendix E, Step 1) ☑ Yes ☐ No

If yes, have prior surveys or evaluations conducted on the site have already determined historic properties do not exist, or that prior disturbances have precluded the existence of historic properties? (Appendix E, Step 2) ☑ Yes ☐ No

If no, have you determined that your installation of subsurface earth-disturbing stormwater controls will have no effect on historic properties? (Appendix E, Step 3) ☐ Yes ☐ No

If no, did the SHPO, THPO, or other tribal representative (whichever applies) respond to you within the 15 calendar days to indicate whether the subsurface earth disturbances caused by the installation of stormwater controls affect historic properties? (Appendix E, Step 4) ☐ Yes ☐ No

If yes, describe the nature of their response:

☐	Written indication that adverse effects to historic properties from the installation of stormwater controls can be mitigated by agreed upon actions
☐	No agreement has been reached regarding measures to mitigate effects to historic properties from the installation of stormwater controls.
☐	Other:

X. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

First Name, Middle Initial, Last Name: Scott Rodehaver

Title:

Signature:

Date: Wednesday, February 19, 2014

E-mail: srodehaver@wallacesc.com

Company: Crossland Construction Company
ATTN: Clint Riggs
833 S East Ave
Columbus KS 66725

Project/Site: Comfort Suites
N/A
Carlsbad NM 88220

Permit Tracking Number: NMR12AS56

This email acknowledges that a complete Notice of Intent (NOI) form seeking coverage under EPA's Construction General Permit (CGP) is now active. Your NOI was completed and submitted on Wednesday, February 19, 2014. Coverage under this permit began at the conclusion of your 14 day waiting period on Wednesday, March 5, 2014, unless otherwise notified by EPA.

For tracking purposes, the following number has been assigned to your NOI form:NMR12AS56. Attached to this email, you will find an electronic copy of your completed NOI which should be posted at your site.

As stated above, this email acknowledges receipt of a complete NOI. However, it is not an EPA determination of the validity of the information you provided. Your eligibility for coverage under this permit is based on the validity of the certification you provided. Your electronic signature on this form certifies that you have read, understood, and are implementing all of the applicable requirements. An important aspect of this certification requires that you have correctly determined whether you are eligible for coverage under this permit.

As you know, the CGP requires you to have developed a Stormwater Pollution Prevention Plan (SWPPP) prior to submitting your NOI. The CGP also includes specific requirements for erosion and sediment control, stabilization, pollution prevention, inspections, corrective actions, and staff training. You must also comply with any additional location-specific requirements applicable to your state or tribal area as described in the CGP. Note that a copy of the CGP must be kept with your SWPPP. An electronic copy of the CGP and additional guidance materials can be viewed and downloaded at: http://www.epa.gov/npdes/stormwater

You have indicated in your NOI that you discharge to at least one surface water that is listed as impaired by the state or tribe in which your project is located. If your site discharges to one or more surface waters that are impaired for sediment or a sediment-related parameter (e.g., total suspended solids or turbidity) or nutrients (e.g., nitrogen or phosphorus), you are required to comply with additional stormwater control requirements pertaining to site inspections in Part 4.1.3 and the deadline to complete site stabilization in Part 2.2.1.3.c. If your site discharges to surface waters that are impaired for pollutants other than a sediment or nutrients, or related pollutants, you are only subject to additional requirements if EPA informs you separately of such requirements.

If you have general questions regarding the stormwater program or your responsibilities under the CGP, please call your region contact. Regional contact email and phone number can be found at: http://cfpub.epa.gov/npdes/contacts.cfm

If you have questions about your NOI form, please call the EPA NOI Processing Center at 1-866-352-7755 (toll free) or send an inquiry via the online form at:
http://cfpub.epa.gov/npdes/noicontact.cfm

If you have difficulty accessing CDX, please contact the CDX Help Desk at: (888) 890-1995.

You can return to the eNOI system using the following link at any time
https://cdx.epa.gov/SSL/cdx/login.asp.

EPA NOI Processing Center
Operated by Avanti Corporation
1200 Pennsylvania Ave., NW
Mail Code: 4203M
Washington, DC 20460
1-866-352-7755

PHOTO 1A

PHOTO 2A

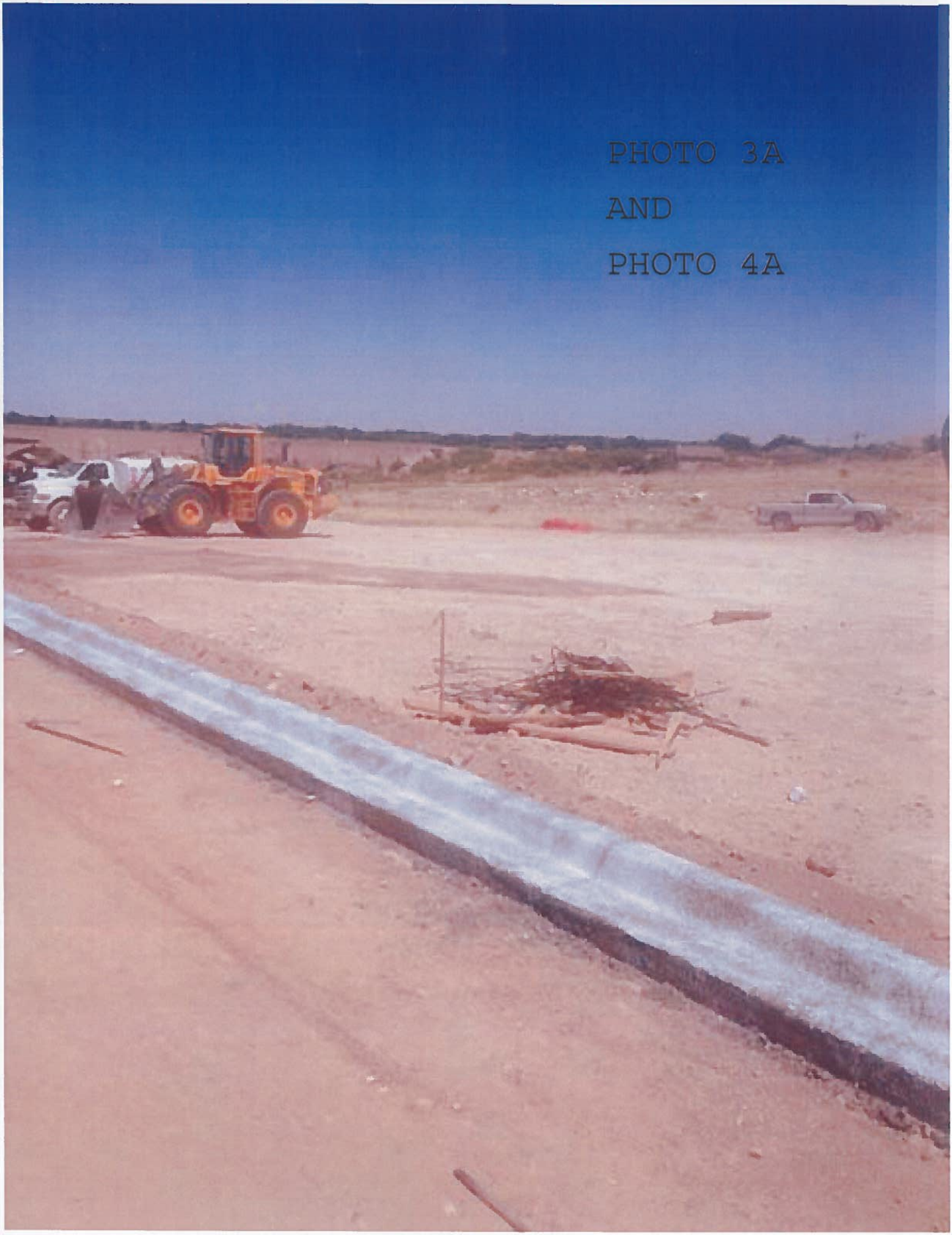


PHOTO 3A
AND
PHOTO 4A