CITY OF ALBUQUERQUE



October 28, 2010

Patrick J. Conley, P.E. Smith Engineering Company 2201 San Pedro NE, Bldg 4 Ste 200 Albuquerque, NM 87110

Re: CNM Hazeldine Sidewalk Culvert Plan, 725 University Blvd (culvert on Hazeldine St.)

Engineer's Stamp dated 10-7-10 and 10-26-10 (K15/D076)

Dear Mr. Conley,

Based upon the information provided in your submittal received 10-26-10, the above referenced plan is approved for SO 19 Permit.

PO Box 1293

A separate permit (SO 19) is required for construction within City ROW. A copy of this approval letter must be on hand when applying for the excavation/barricading permit. The sidewalk culvert in the City ROW must be inspected and accepted. Please contact Dave Silva, 857-8074, to schedule an inspection.

Albuquerque

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

NM 87103

www.cabq.gov

(will

Sincerely,

Curtis A. Cherne, P.E.

Senior Engineer, Planning Dept.

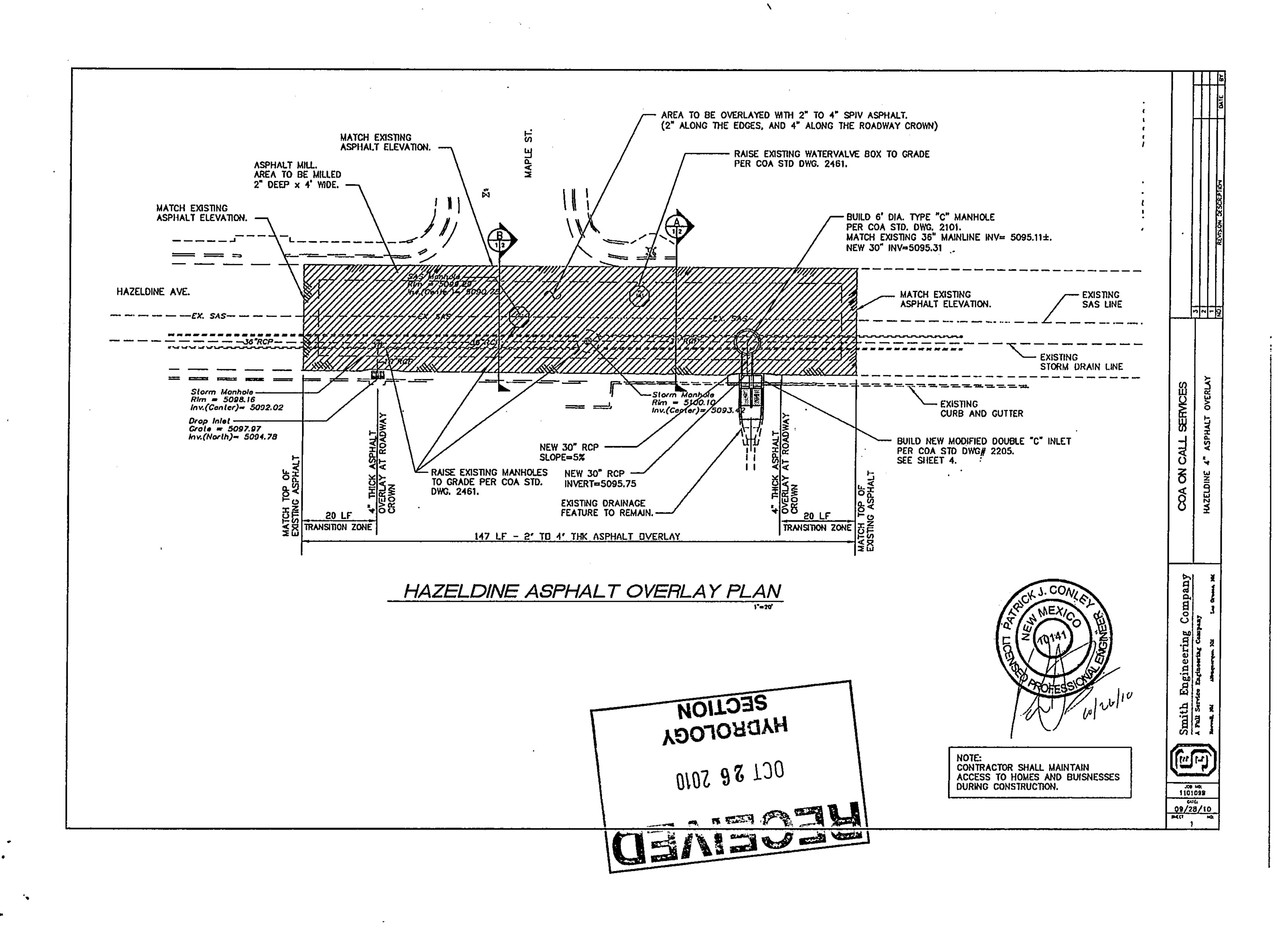
Development and Building Service

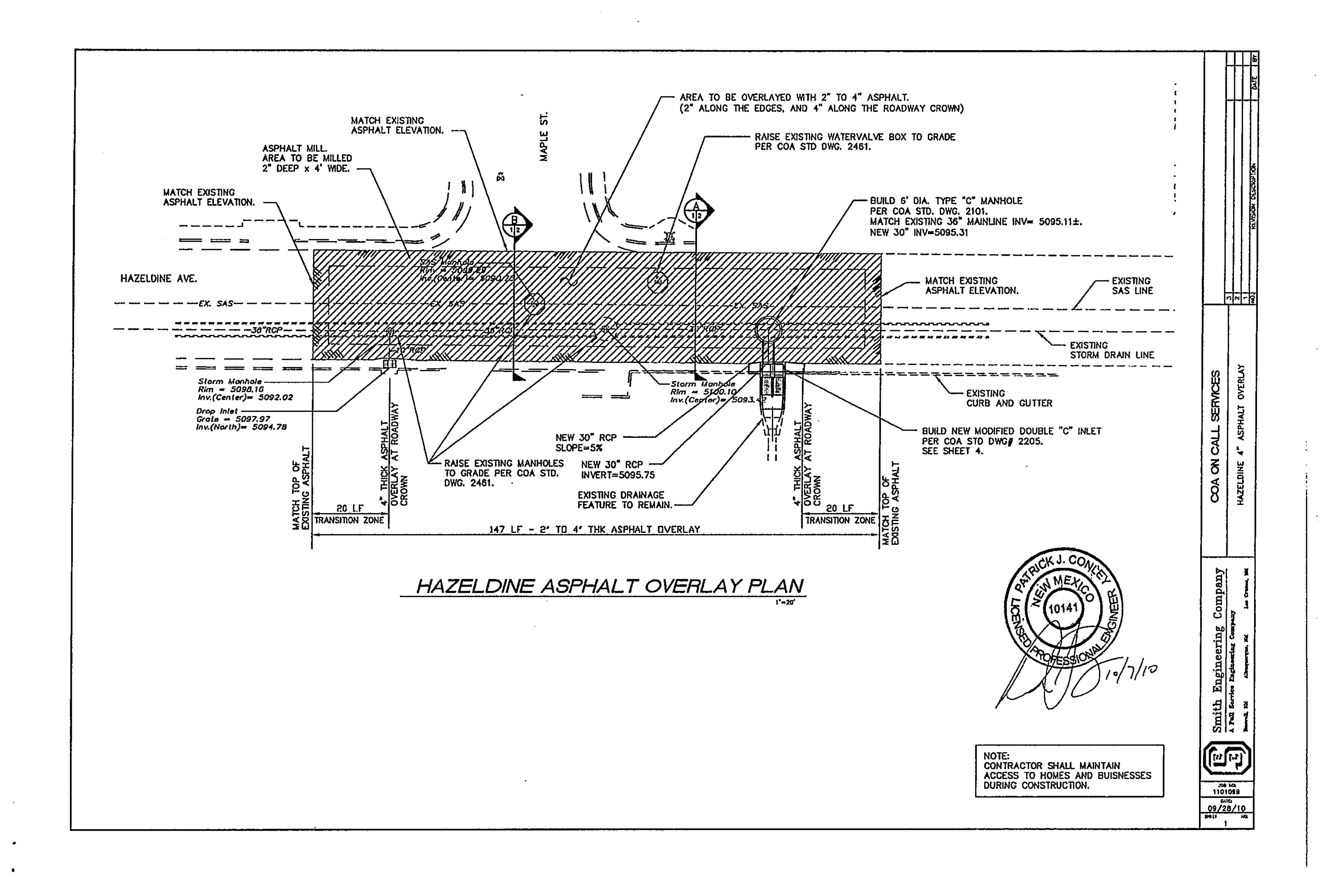
Development and Building Services

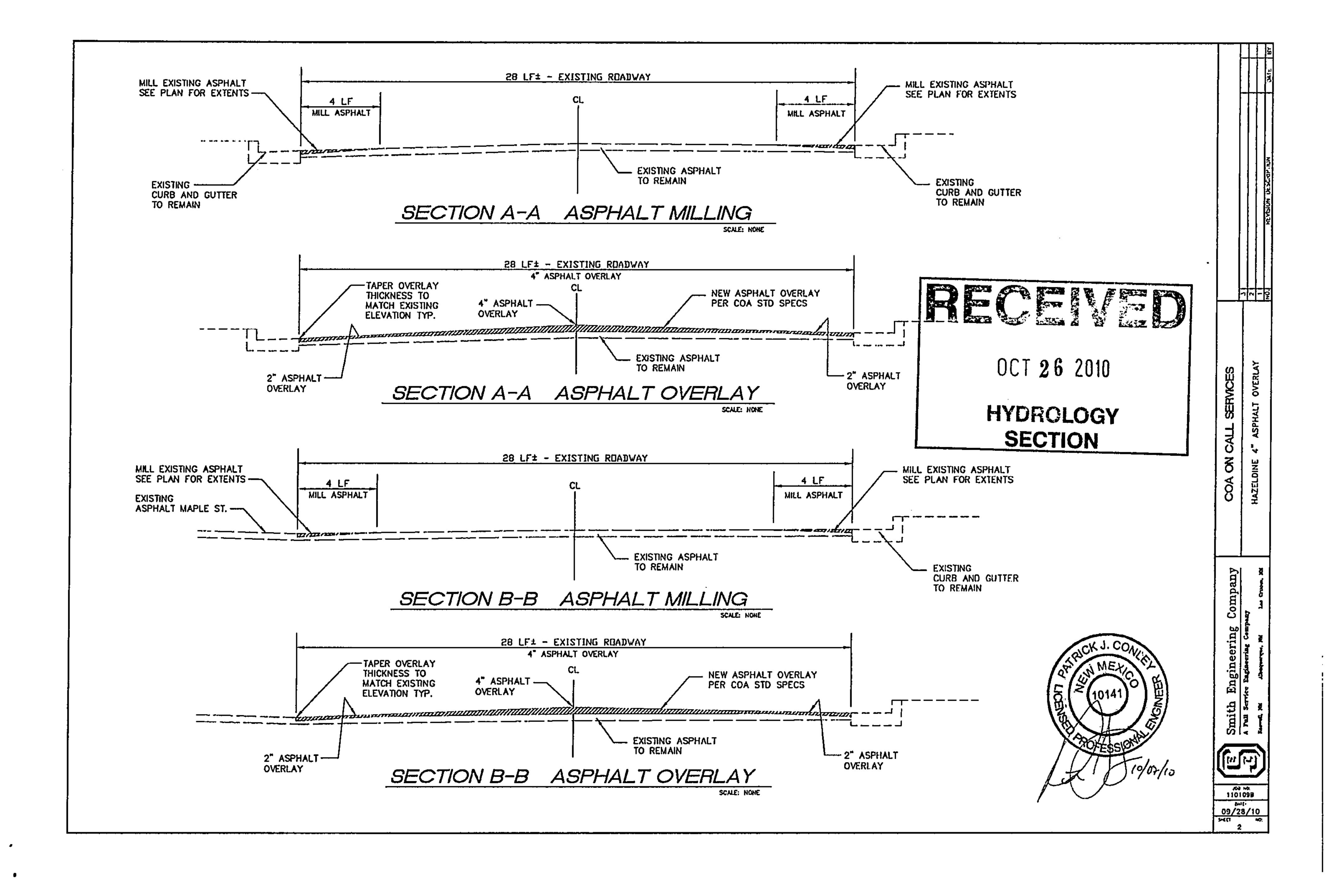
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Copy to:

Antoinette Baldonado, Excavation and Barricading Dave Silva, Street/Storm Drain Maintenance

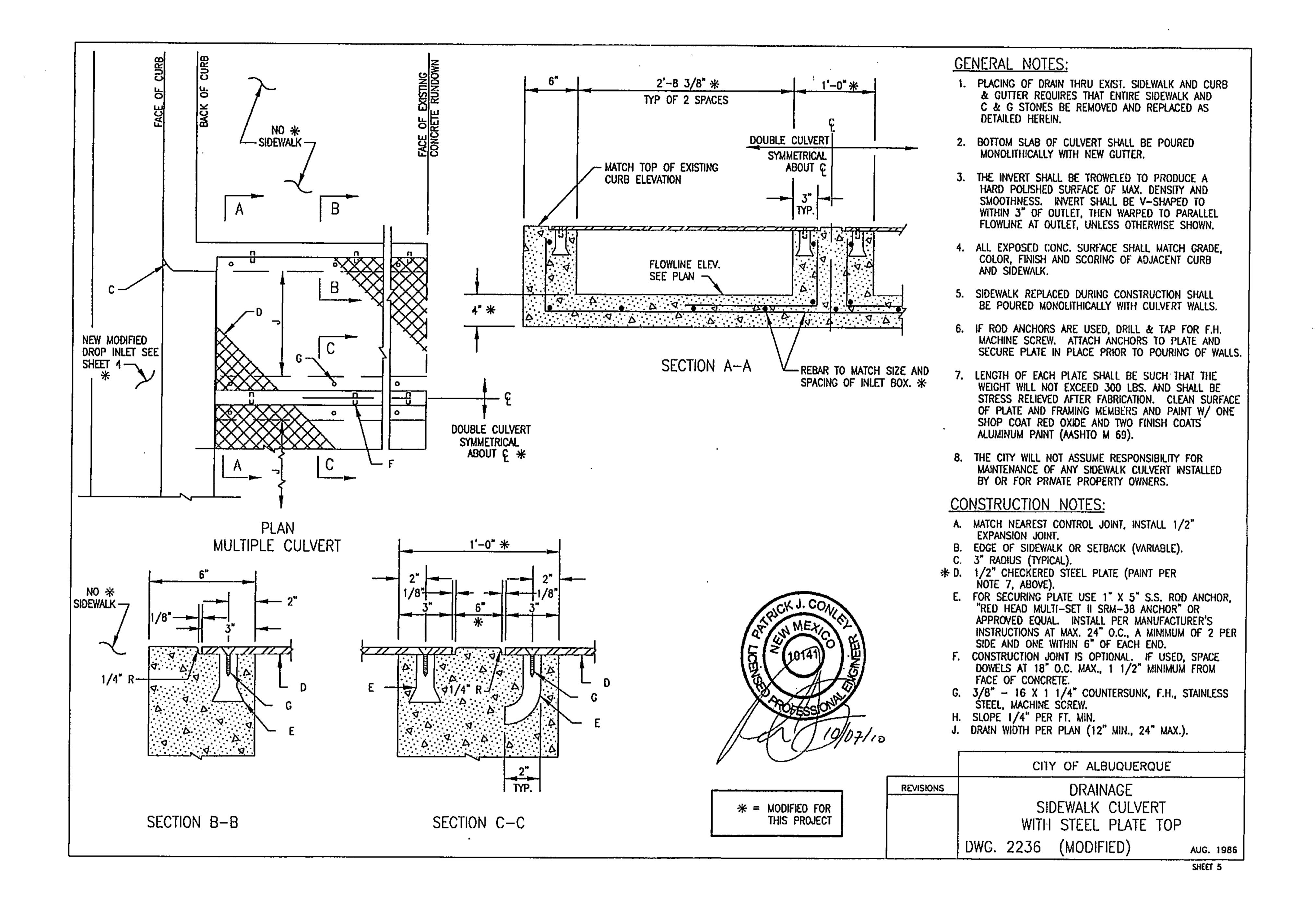


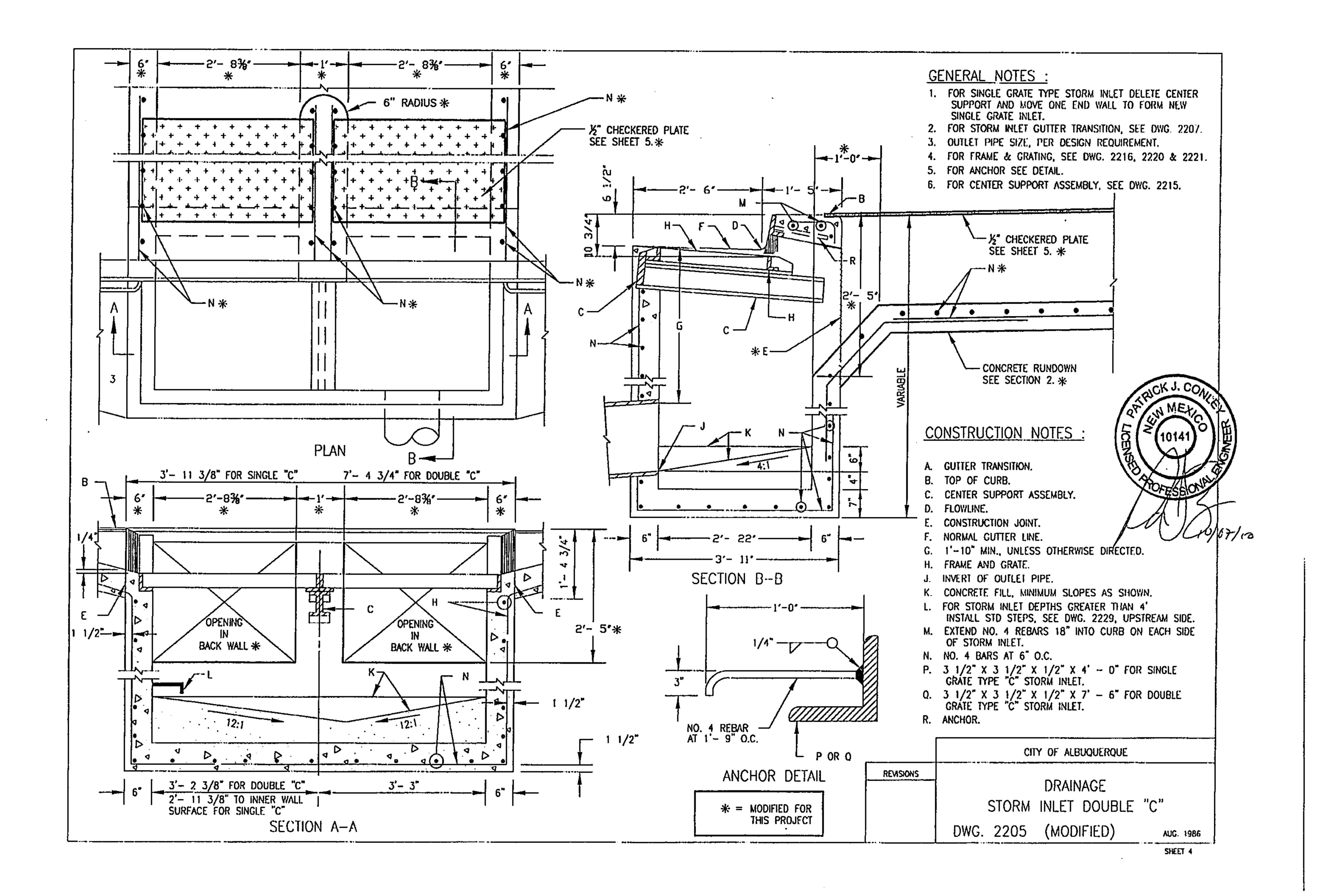




18'± DOUBLE 'C' INLET REMOVE EXISTING CURB TO HEAREST JOINT AS REQUIRED - BUILD 5' TRANSITION BUILD 3. PER COA DWG. 2205 PER COA DWG 2207. TRANSITION TO BUILD TYPE "C" DOUBLE INLET W/ STANDARD CURB IRANSITIONS. PER COA DWG 2207. ---HAZELDINE AVE. CONTRACTOR TO NOTIFY HAZELDINE AVE. THE ENGINEER REGARDING -EXISTING CURB AND ANY CONFLICTS WITH EXISTING CURB AND GUTTER TO REMAIN GUTTER TO REMAIN EXISTING UTILITIES. REMOVE AN A PORTION CONCRETE SIDEWALK (- BUILD NEW MODIFIED DOUBLE "C" INLET PER COA STD DWG 2205. SEE SHEET 4. BUILD NEW CONCRETE RUNDOWN. SEE SECTION THIS SHEET. NOTE: -- REMOVE, STORE AND NO EXISTING UTILITIES REPLACE EXISTING WERE LOCATED. CONTRACTOR LANDSCAPE GRAVEL. REPLACE EXISTING SAW CUT EXISTING CONCRETE 0 SHALL LOCATE ALL EXISTING INSTALL 沒" LANDSCAPE GRAVEL AS REQUIRED EXP MATERIAL ---UTILITIES PRIOR TO ANY CONTROL JOINT W/ SEALANT EXCAVATION WORK. EXISTING EXISTING CONCRET AND CUL TO REMA STORM DRAIN TO REMAIN EXISTING STORM DRAIN TO REMAIN REMOVAL PLAN LAYOUT PLAN 1"=10" INSTALL (MODIFIED) DOUBLE "C" STORM NEW CONCRETE SPLITTER WALL. INSTALL MODIFIED DOUBLE "C" STORM INLET INLET PER COA DWG # 2205. SEE SHEET 4. REINFORCEMENT TO MATCH COA INSTALL TIHK. STEEL DIAMOND PLATE MATCH TOP CONCRETE TO EXISTING TYPE "C" INLET BOX. PER COA DWG # 2205. SEE SHEET 4. COVERS PER COA DWG# 2236. MATCH TOP CONCRETE TO EXISTING CONCRETE ELEVATIONS. --- WALL BEYOND CONCRETE ELEVATIONS. ROADWAY - MATCH EXISTING - MATCH EXISTING ROADWAY ASPHALT ----FL INVERT FL INVERT ASPHALT -EXISTING GAS LINE 清洁 EXISTING CAS LINE **经营业的股份股份股份的基本的** TO REMAIN. EXISTING CONCRETE - EXISTING CONCRETE SEE UTILITY NOTE SEE UTILITY NOTE RUN DOWN TO REMAIN. RUN DOWN TO REMAIN. THIS SHEET. INSTALL THIS SHEET. -INSTALL 1/2" EXPANSION MATERIAL 1/2" EXPANSION MATERIAL W/ SEALANT AGAINST ALL W/ SEALANT AGAINST ALL EXISTING CONCRETE EDGES. EXISTING CONCRETE EDGES. - 6" THICK CONCRETE SLAB. REINFORCEMENT 6" THICK CONCRETE SLAB. REINFORCEMENT TO MATCH COA TYPE "C" INLET REINF. TO MATCH COA TYPE "C" INLET REINF. 30" RCP----30" RCP ----INVERT= 5095.75 - 95% COMPACTION PER ASTM D1557. --- 95% COMPACTION PER ASTM D1557. INVERT= 5095.75 EXISTING GAS LINE TO REMAIN. - EXISTING GAS LINE TO REMAIN. SEE UTILITY NOTE THIS SHEET. SEE UTILITY NOTE THIS SHEET. Engin tee Entee - EXISTING WATER LINE TO REMAIN. - EXISTING WATER LINE TO REMAIN. SEE UTILITY NOTE THIS SHEET. SEE UTILITY NOTE THIS SHEET. PLACE LEAN FILL AROUND EXISTING PLACE LEAN FILL AROUND EXISTING Smith UTILITY LINES AS NEEDED. UTILITY LINES AS NEEDED. SECTION A-A SECTION B-B UTILITY NOTE: CONTRACTOR TO NOTIFY THE ENGINEER WHEN HIS EXISTING UTILITIES ARE EXPOSED. CONTRACTOR TO PROVIDE ELEVATIONS OF THE TOP OF EXISTING UTILITIES TO THE ENGINEER PRIOR TO CONSTRUCTION 204 900. BE01011 OF THE NEW DROP INLET STRUCTURE. INLET STRUCTURE MAY NEED TO BE MODIFIED TO FIT THE 09/28/10 EXISTING CONDITIONS. OCT OC 2010 OCT ZO ZOIU HYDROLOGY

SECTION





DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 12/2005)

	Culturd ZONE MAP: KIS/DOT
LEGAL DESCRIPTION:	WORK ORDER#:
CITY ADDRESS: 725 University Blud SE	
ENGINEERING FIRM: Smith Engineering ADDRESS: 2201 San Pedro NE CITY, STATE: ABQ NA	CONTACT: Part Conky PHONE: 884-0700 ZIP CODE: 87115
OWNER:CNM	CONTACT:
ADDRESS: 525 Bunc Vista Dr St. CITY, STATE:	PHONE:ZIP CODE:
ARCHITECT:ADDRESS:	CONTACT:PHONE:
CITY, STATE:	ZIP CODE:
SURVEYOR: ADDRESS: CITY, STATE:	CONTACT: PHONE: ZIP CODE:
CONTRACTOR: ADDRESS:	CONTACT:PHONE:
CITY, STATE:	ZIP CODE:
DRAINAGE REPORT DRAINAGE PLAN 1st SUBMITTAL DRAINAGE PLAN RESUBMITTAL CONCEPTUAL G & D PLAN GRADING PLAN EROSION CONTROL PLAN ENGINEER'S CERT (HYDROLOGY) CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT ENGINEER'S CERT (TCL) ENGINEER'S CERT (DRB SITE PLAN) OTHER (SPECIFY) OTHER (SPECIFY) VAS A PRE-DESIGN CONFERENCE ATTENDED: YES NO	PE OF APPROVAL SOUGHT: A/FINANCIAL GUARANTEE RELEASE ELIMINARY PLAT APPROVAL DEV. PLAN FOR SUB'D APPROVAL DEV. FOR BLDG. PERMIT APPROVAL CTOR PLAN APPROVAL NAL PLAT APPROVAL DUNDATION PERMIT APPROVAL ERTIFICATE OF OCCUPANCY (PERM) ERTIFICATE OF OCCUPANCY (TEMP) ADING PERMIT APPROVAL VING PERMIT APPROVAL VING PERMIT APPROVAL HER (SPECIFY) OCT 26 2010 OCT 26 2010
COPY PROVIDED ATE SUBMITTED:	BY: John Curbon
quests for approvals of Site Development Plans and/or Subdivision Plats shall be	accompanied by a drainage submittal. The particular nature.

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

1. Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.

2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5) acres.

3. Drainage Report: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

markole and met will be inspected by Junear at 51) maintenant per John Centric ce 16-20-1.

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 01/06 - KDM)

PROJECT TITLE: Milne Stadium Additions and Important DRB#: EPC#:		ZONE MAP: <u>K-15D/080</u> ORDER#:
		4
LEGAL DESCRIPTION: Tract C-1, APS Central Office Addition		
CITY ADDRESS: 1200 Hazeldine SE, Albuquerque	New Mexico 87106	Y 67 - N 6 - TO 77
		J Graeme Means, PE
ENGINEERING FIRM: High Mesa Consulting Gr		CONTACT: 13676
ADDRESS: 6010 Midway Park Blvd. N		PHONE: 505-345-4250
CITY, STATE: <u>Albuquerque, New Mexic</u>	:O	ZIP CODE: <u>87109</u>
		~~~
OWNER: Albuquerque Public Schools	· · · · · · · · · · · · · · · · · · ·	CONTACT: Tyler Mason
ADDRESS: 915 Oak Street SE		PHONE: (505) 848-8822
CITY, STATE: <u>Albuquerque, New Mexico</u>		ZIP CODE: <u>87106</u>
ARCHITECT: Wright & Hammer Architects		CONTACT: Denise L. Hammer
ADDRESS: 1735 Aliso Drive NE		PHONE: (505) 266-6764
CITY, STATE: Albuquerque, New Mexico		ZIP CODE: 87110
SURVEYOR: Wilson & Company Engineers & A	Architects	CONTACT: Benjamin Aragon
ADDRESS: 4900 Lang Avenue NE		PHONE: (505) 348-4000
CITY, STATE: Albuquerque, New Mexic	0	ZIP CODE: 87109
CONTRACTOR: Weil Construction  ADDRESS: 6020 Midwey Book Blad	NIC Cuito A	CONTACT: Chris Weil
ADDRESS: 6020 Midway Park Blvd.		PHONE: (505) 899-3535
CITY, STATE: <u>Albuquerque, New Mexic</u>	<u>O</u>	ZIP CODE: <u>87109</u>
TYPE OF SUBMITTAL:	CHECK TYPE OF APPRO	NAI SOUGHT.
DRAINAGE REPORT SIA/FINANCIAL GUARANTEE RELEASE DRAINAGE PLAN 1 st SUBMITTAL PRELIMINARY PLAT APPROVAL		
DRAINAGE PLAN RESUBMITTAL		OR SUB'D APPROVAL
CONCEPTUAL G & D PLAN		DG. PERMIT APPROVAL
GRADING PLAN	SECTOR PLAN	•
EROSION CONTROL PLAN	FINAL PLAT AF	
X ENGINEER'S CERT (HYDROLOGY)	<del></del>	PERMIT APPROVAL
CLOMR/LOMR		MIT APPROVAL
TRAFFIC CIRCULATION LAYOUT	<del></del>	OF OCCUPANCY
ENGINEER'S CERT (TCL)	GKADING PEKI	MITARPROVAL
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WAS A PRE-DESIGN CONFERENCE ATTENDED	J.	
YES		HADBOFQCA
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COPY PROVIDED		Contains were statement to the fact that the party and the statement of th
DATE SURMITTED: January 21 2010 BV:	Debie LeBlanc Truiillo for	I Graeme Moone DE

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

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High Mesa Consulting Group

- 2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
- 3. Drainage Report: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

## Cherne, Curtis

From:

Pat Conley, PE [patc@smithengineering.pro]

Sent:

Tuesday, October 26, 2010 1:48 PM

To:

Curtin, John P.; Cherne, Curtis

Subject:

Hazeldine

Attachments: Revised Drawings Sheet 1 and 3.pdf

## Curtis,

Attached are the revised sheets with the corrections that you and I spoke about awhile back. John – James sent these to you earlier today. These are submitted so that our contractor can obtain an SO19 permit for the work.

Thanks,

Pat

Patrick J. Conley, P.E. Principal Engineer

Tel: 505.884.0700 x5597 Fax: 505.884.2376

2201 San Pedro Drive NE, Bldg 4, Suite 200, Albuquerque, NM 87110



#### Solutions for Today... Vision for Tomorrow

* Water/Wastewater * Solid Waste * Drainage * Hydrology * Transportation * Structural * Surveying * Site Engineering * Materials Testing * Construction Management *

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RE: Hazeldine
Page 1 of 3

## Cherne, Curtis

From: Cherne, Curtis

Sent: Friday, October 01, 2010 4:34 PM

To: Curtin, John P. Subject: RE: Hazeldine

#### John,

The main problem I see is that the sidewalk culvert is 2'-3" high above flow line from the existing structure. Won't you need a 2'-3" curb for this thing. Or is the flow line of the existing run down shown too low so the water drops 1.5 ' into the new culvert?

#### other comments:

1. Show the property line. Are you planning on staying in the ROW?

- 2. Should you have a slope specified on the asphalt overlay sections? How do you know 4" will work?
- 3. Specify the type of asphalt and you'll probably need 2 lifts where it is 4" thick.
- 4. Provide the depth of the sidewalk culvert in Section A-A on DWG 2236 (Modified).
- 5. There should be a PE stamp on this.

Curtis

From: Curtin, John P.

Sent: Friday, October 01, 2010 3:19 PM To: Curtin, John P.; Cherne, Curtis Cc: 'Pat Conley, PE'; Penttila, Roland V.

Subject: RE: Hazeldine

Sorry! Forgot to attach the sketches.

From: Curtin, John P.

**Sent:** Friday, October 01, 2010 3:18 PM

To: Cherne, Curtis

Cc: 'Pat Conley, PE'; Penttila, Roland V.

Subject: RE: Hazeldine

## Curtis,

I am still trying to find a way to fund this project. As you can see from the attached sketches, we modified the Std Dwg. You helped Roland with the SO-19 for 3105 Lykes NE. What do you suggest for this location?

3000

Thank You, John P. Curtin, P.E. Senior Engineer
Storm Drainage Design Section, Engineering Division
Department of Municipal Development, City of Albuquerque

Tel: 768-2727 FAX: 768-2765

From: Pat Conley, PE [mailto:patc@smithengineering.pro]

RE: Hazeldine
Page 1 of 3

## Cherne, Curtis

From:

Curtin, John P.

Sent:

Monday, October 11, 2010 4:44 PM

To:

Cherne, Curtis

Cc:

Wolfe, Bryan K.

Subject:

RE: Hazeldine

Attachments: 101007 Signed Hazeldine drawings.pdf

## Curtis,

Attached are the signed plans. Please consider this a Request for an SO 19 Permit.

Thank You, John P. Curtin, P.E. Senior Engineer
Storm Drainage Design Section, Engineering Division
Department of Municipal Development, City of Albuquerque

Tel: 768-2727

FAX: 768-2765

From: Cherne, Curtis

**Sent:** Friday, October 01, 2010 4:54 PM

To: Curtin, John P. Subject: RE: Hazeldine

John,

I didn't answer your question about the s/w culvert.

Have the engineer submit a copy of the plan (stamped) for an SO 19 permit. I'll probably call Dave Silva at DMD to run it past him, since he will be inspecting it. The I'd write the approval letter to Construction Services, assuming it is approvable.

#### Curtis

From: Curtin, John P.

Sent: Friday, October 01, 2010 3:19 PM To: Curtin, John P.; Cherne, Curtis Cc: 'Pat Conley, PE'; Penttila, Roland V.

Subject: RE: Hazeldine

Sorry! Forgot to attach the sketches.

From: Curtin, John P.

**Sent:** Friday, October 01, 2010 3:18 PM

To: Cherne, Curtis

Cc: 'Pat Conley, PE'; Penttila, Roland V.

Subject: RE: Hazeldine

Curtis,

RE: Hazeldine
Page 2 of 3

**Sent:** Friday, October 01, 2010 2:53 PM

To: Curtin, John P. Subject: RE: Hazeldine

John,

Our sidewalk culverts are narrow enough that I don't think that it would be advisable to sleeve the utilities. If required, it would be easy enough to push new pipe under the planned SW culverts in the event there was a failure of the utility directly under the SW culvert. Also, when gas is sleeved, you have to have vents to the surface and it gets complicated. So I don't recommend it.

Regarding having to go through planning, I have not heard of this. We may have a difficult time getting CNM to take responsibility for this. Let me know if we have to go that route.

Pat

Patrick J. Conley, P.E. Principal Engineer

Tel: 505.884.0700 x5597 Fax: 505.884.2376

2201 San Pedro Drive NE, Bldg 4, Suite 200, Albuquerque, NM 87110



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From: Curtin, John P. [mailto:JCurtin@cabq.gov]

**Sent:** Friday, October 01, 2010 2:41 PM

**To:** Pat Conley

Cc: Penttila, Roland V. Subject: RE: Hazeldine

Pat,

What do you think of Roland's comments. It would probably be much harder to put a sleeve on the water line than the gas line. Is Paula part of Planning or part of CSD?

Thank You, John P. Curtin, P.E. Senior Engineer
Storm Drainage Design Section, Engineering Division
Department of Municipal Development, City of Albuquerque

Tel: 768-2727 FAX: 768-2765

From: Penttila, Roland V.

**Sent:** Friday, October 01, 2010 2:24 PM

**To:** Curtin, John P.

RE: Hazeldine
Page 3 of 3

Subject: Hazeldine

What do you think about asking our contractor to put the two utilities that will be under the new sidewalk culvert to be placed in a sleeve? Also, sidewalk culverts by city procedure belong to and must be maintained by the adjoining property owner. They also must go through a design review procedure in Planning run by Paula Dodge-Kwan. Just warning you. I got caught on this just recently.

Roland Penttíla, P.E.

Supervising Engineer

Storm Drainage Design

Engineering Division, City of Albuquerque
505-768-2778

## CITY OF ALBUQUERQUE



January 26, 2010

J. Graeme Means, P.E. **High Mesa Consulting Group**6010-B Midway Park Blvd. NE
Albuquerque, NM 87109

Re: Milne Stadium Additions & Improvements, 1200 Hazeldine SE,
Request for Permanent Certificate of Occupancy - Approved
Engineer's Stamp dated 10-22-08, (K-15/D080)
Certification dated 1-21-10

Dear Mr. Means,

Sincerely,

Based upon the information provided in the Certification received 1-22-10, the above referenced Certification is approved for a release of a Permanent Certificate of Occupancy by Hydrology.

PO Box 1293

If you have any questions, you can contact me at 924-3982.

Albuquerque

limoth

NM 87103

Plan Checker—Hydrology Section
Development and Building Services

www.cabq.gov

C: CO Clerk—Katrina Sigala File