Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Zak Covar, Commissioner Richard A. Hyde, P.E., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 18, 2014

Dr. Eric Miller Central Texas Pain Center 213 Hunter's Village New Braunfels, Texas 78132

Re: Edwards Aquifer, Comal County

Name of Project: Central Texas Pain Center; Located at 213 Hunter's Village; New Braunfels, Texas

Type of Plan: Request for Technical Clarification of an Approved Water Pollution Abatement Plan; 30 Texas Administrative Code (TAC) Chapter 213, Edwards Aquifer

Regulated Entity No.: RN105390595; Investigation No. 1173913; Additional ID No. 13-08010401

Dear Dr. Miller:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the request for approval of a Technical Clarification of the approved WPAP for the above-referenced project submitted to the San Antonio Regional Office by HMT Engineering & Surveying on behalf of Central Texas Pain Center on March 6, 2014. Final review of the Technical Clarification was completed after additional material was received on June 2, 2014. The proposed request includes a slight increase (140 square feet) of impervious cover to construct an office addition. The increase of impervious cover has been compensated for when the site was constructed with a lesser amount of impervious cover than what was approved by the TCEQ on March 11, 2008. Since the addition of new impervious cover brings the total of impervious cover on-site to 0.3956 acres where the approved impervious cover was 0.40 acres, your Technical Clarification request is approved.

If you have any questions or require additional information, please contact Michael Isley, P.E. of the Edwards Aquifer Protection Program of the San Antonio Regional Office at 210-403-4057.

Sincerely,

Todd Jones, Water Section Work Leader

San Antonio Region Office

Texas Commission on Environmental Quality

TJ/MI/eg

cc: Mr. Tom Cunanan, HMT Engineering & Surveying

Mr. James Klein, P.E., City of New Braunfels Mr. Roland Ruiz, Edwards Aquifer Authority

Mr. Thomas Hornseth, P.E., Comal County Engineer

TCEQ Region 13 • 14250 Judson Rd. • San Antonio, Texas 78233-4480 • 210-490-3096 • Fax 210-545-4329



CIVIL ENGINEERING & CONSULTING SERVICES

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- PUBLIC WORKS
- UTILITIES

June 24, 2014

Mr. Michael Isley, P.E. TCEQ San Antonio Regional Office - Region 13 14250 Judson Rd. San Antonio, Texas 78233-4480

RECEIVED

JUL 0 2 2014

Re:

Response to TCEQ Comments dated June 23, 2014

Edwards Aquifer, Comal County

COUNTY ENGINEER

NAME OF PROJECT: Hunter's Creek Business Park, Lot 11B2; Located on the north side of Hunter's Village, approximately 150 feet northwest of the intersection of Hunter's Village and Oak Run Parkway; New Braunfels, Texas.

TYPE OF PLAN: Request for Approval of a Water Pollution Abatement Plan; 30 Texas

Administrative Code (TAC) Chapter 213 Edwards Aguifer;

Additional ID No. 13-14052001; Investigation No. 1172139; RN107296733;

Dear Mr. Isley,

Pawelek & Moy, Inc. (P&M) has addressed the comments by the TCEQ dated June 23, 2014 for the above mentioned project. P&M has taken the following actions with regards to the comments:

Comment Response

- 1 A wet well/sump pump detail has been added to S1 with notes taken from the provisions for the alarm and wet well found in TGM (RG-348) 3.4.3.
- The proposed curb for this area is a flush curb which will allow runoff from the 2 parking area to sheet flow onto the EVFS. The flush curb has been labeled.
- 3 The gabion wall height has been modified to match the height of the water quality volume.

Please call if you have questions regarding these responses. Thank you for your assistance.

Sincerely.

Daryl D. Pawelek, P.E.

Attachments:

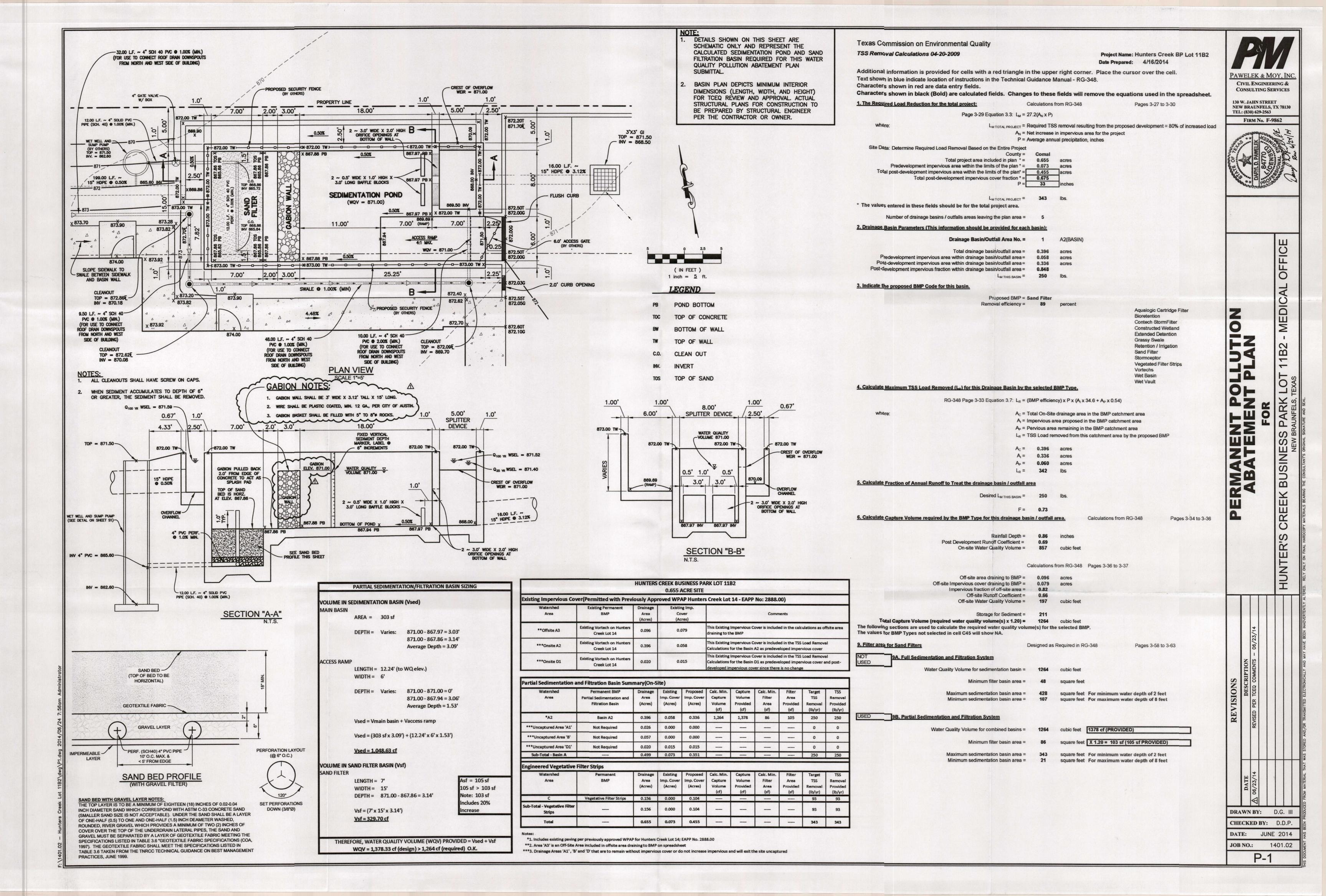
Revised S1

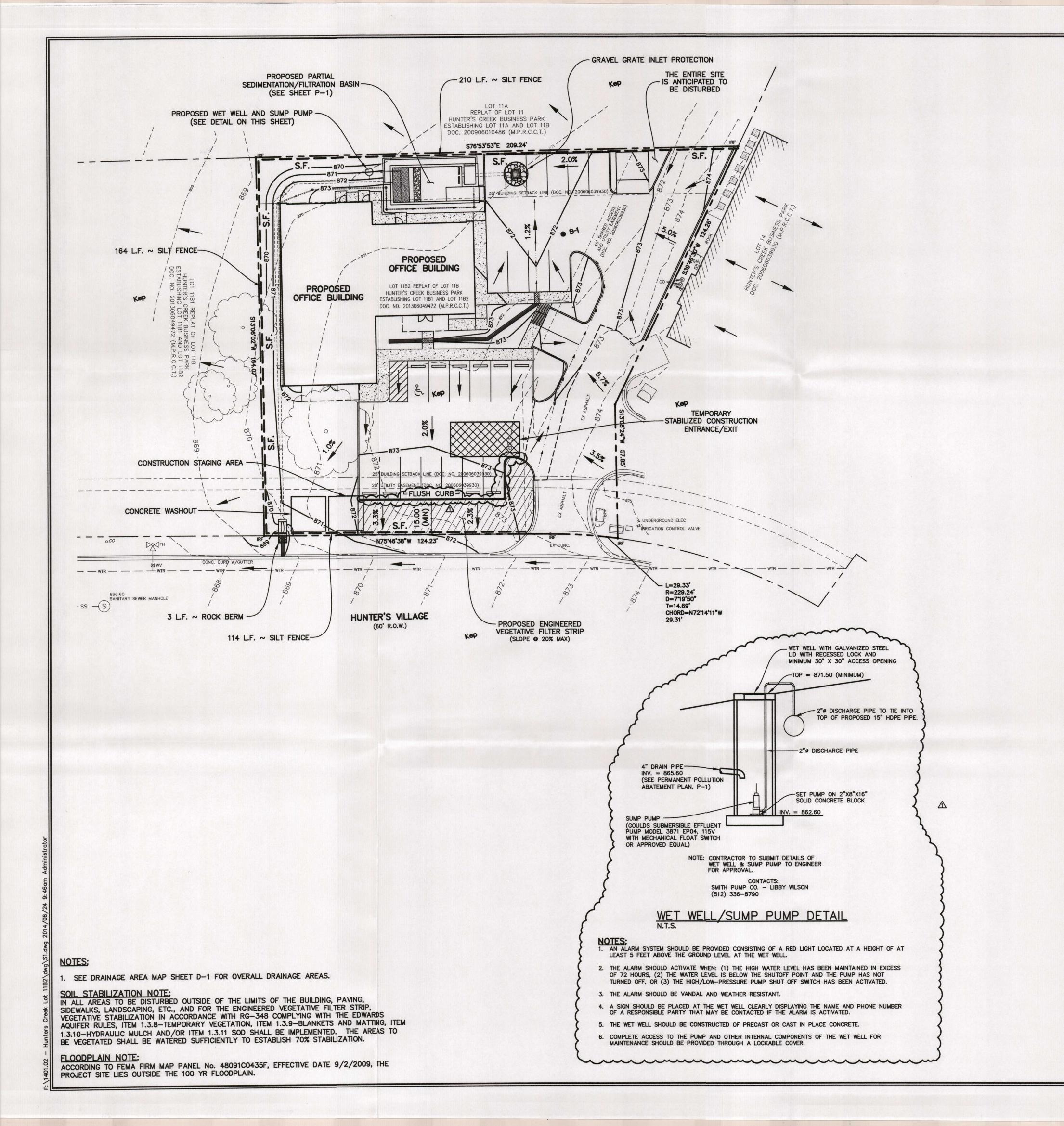
Revised P-1

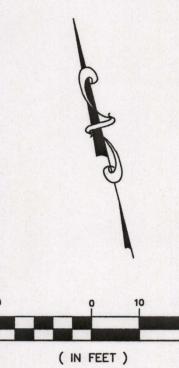
cc: Mr. Johnny Friesenhahn - T&F Contruction Co.

F \1401.02 - HUNTERS CREEK LOT 11B2\DWG\TCEQ\TCEQ COMMENTS REC'D 6-23-14\TCEQRESPONSELETTER-06-23-14.DOC

ţ:







1 inch = 20 ft.

LEGEND

TEMPORARY STABILIZED CONSTRUCTION ENTRANCE/EXIT

ROCK BERM

GRAVEL GRATE INLET PROTECTION

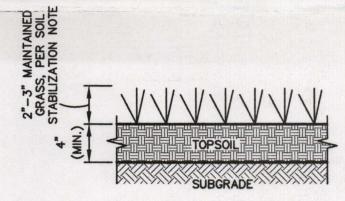
CONCRETE WASHOUT

EXISTING FLOW DIRECTION

PROPERTY LINE (WPAP PHASE LIMITS)

POTENTIAL RECHARGE FEATURE (PRF)

EDWARDS PERSON LIMESTONE



ENGINEERED VEGETATIVE

IMPERVIOUS COVER SUMMARY

IMPERVIOUS COVER OF PROJECT SITE	Sq. Ft.	Sq. Ft./Acre	Acres
STRUCTURES/ROOFTOPS	4,944	÷ 43,560 =	0.113
PAVING/DRIVES/SIDEWALKS	14,892	÷ 43,560 =	0.342
TOTAL IMPERVIOUS COVER	19,836	÷ 43,560 =	0.455

TOTAL PROJECT SITE ACREAGE = 0.655 Ac.

PE
PAWELEK & MOY, INC.
CIVIL ENGINEERING & CONSULTING SERVICES

130 W. JAHN STREET **NEW BRAUNFELS, TX 78130** TEL: (830) 629-2563 FIRM No. F-9862

DRAWN BY: D.G. III

CHECKED BY: D.D.P. MAY 2014

1401.02 JOB NO.:



410 N. Seguin Ave. New Braunfels, TX 78130 HMTNB.COM 830.625.8555 • FAX: 830.625.8556 TBPE FIRM F-10961

May 30, 2014

Mr. Michael Isley, P.E. Texas Commission on Environmental Quality, Region 13 14250 Judson Road San Antonio, Texas 78233-4480 RECEIVED

JUN 0 5 2014

COUNTY ENGINEER

RE:

Central Texas Pain Center;

Program ID No. 1964.04; Regulated Entity No. RN105390595 Notification for Building Extension

Dear Mr. Isley,

This letter is to supplement the March 4, 2014 notification to TCEQ in reference to the additional 140 square feet of office space to the existing building of the Central Texas Pain Center. The March 11, 2008 WPAP letter showed that the site was approved for a total of 0.40 acres impervious cover.

Since its approval, the owner constructed a total of 0.3926 acres of impervious cover. Enclosed is an exhibit of the existing impervious cover of the site. Shown also on the exhibit are areas that remained pervious since the WPAP was approved. The additional 140 square feet of office space will bring the total impervious cover to 0.3956 acres.

Based from the attached calculations, the existing impervious cover generates a TSS load of 352.43 pounds. The additional 140 square feet building extension will generate an additional 2.89 lbs. of TSS loading. The total impervious cover of the site with the additional 140 sq. ft. will generate a TSS loading of 355.32 lbs. The new TSS loading is less than the TSS loading stated in the approved WPAP (359 pounds).

Please accept this letter as an addendum to the existing approved WPAP. Enclosed are calculations for existing and proposed TSS calculations; Exhibit of the existing impervious cover and a grading plan of the proposed building addition for your reference.

Thank you very much.

Tom Cunanan, PE Project Engineer

Cc:

Shawn Kaarlsen and Associates

Dr. Eric Miller, Central Texas Pain Center

TOMAS Y. CUNANAN
99439

130/2014

Texas Commission on Environmental Quality

1 -

Project: Central Texas Pain Center-Existing Condition TSS Removal Calculations Watershed: XX Input By User Job No.: Automatically Calculated Variables Date: 5/5/2014 1. Required Load Reduction $Lm = 27.2(AN \times P)$ RECEIVED where: Lm = Required TSS removal An = Net increase in impervious area for site P = Average annual precipitation, inches JUN 05 2014 County = Comal Basin watershed area = 0.79 acres COUNTY ENGINEER Predevelopment impervious area = 0.00 acres 0.3926 Post-development impervious area = acres Postdevelopment impervious fraction= 0.49 inches 33 352.43 lbs 0.00 Ibs included for overtreatment of uncaptured area l.m =2. Select BMP AC= Aqualogic Cartridge Filter Proposed BMP = abbreviation BR= Bioretention Removal efficiency = CW= Constructed Wetland percent RI= Retention / Irrigation SF= Sand Filter WB= Wet Basin 3. Calculate TSS Load Removed by BMPs LR = (BMP efficiency) $\times P \times (A_1 \times 34.6 + A_P \times 0.54)$ where: LR = TSS Load removed by BMP Ai = Impervious area of BMP catchment Ap = Pervious area of BMP catchment 0.39 acres Ap = 0.40 acres Lr = 405.38 lbs 4. Calculate Fraction of Annual to Treat F= 0.87 OK 5. Calculate Capture Volume Rainfall Depth = 1.44 inches Post Development Runoff Coefficient = 0.35 Runoff Volume = 1,472 cubic feet Storage for Sediment= 294 **Total Capture Volume** 1,766 cubic feet 6. SAND AREA REQUIRED Af= WQV/10 (for systems combining filtration and sedimentation in a single basin) Af= WQV/18 (for systems combining filtration and sedimentation in a separate basins) Check if Partial Sedimentation Is Used 177 square feet Required Sand Area

square feet

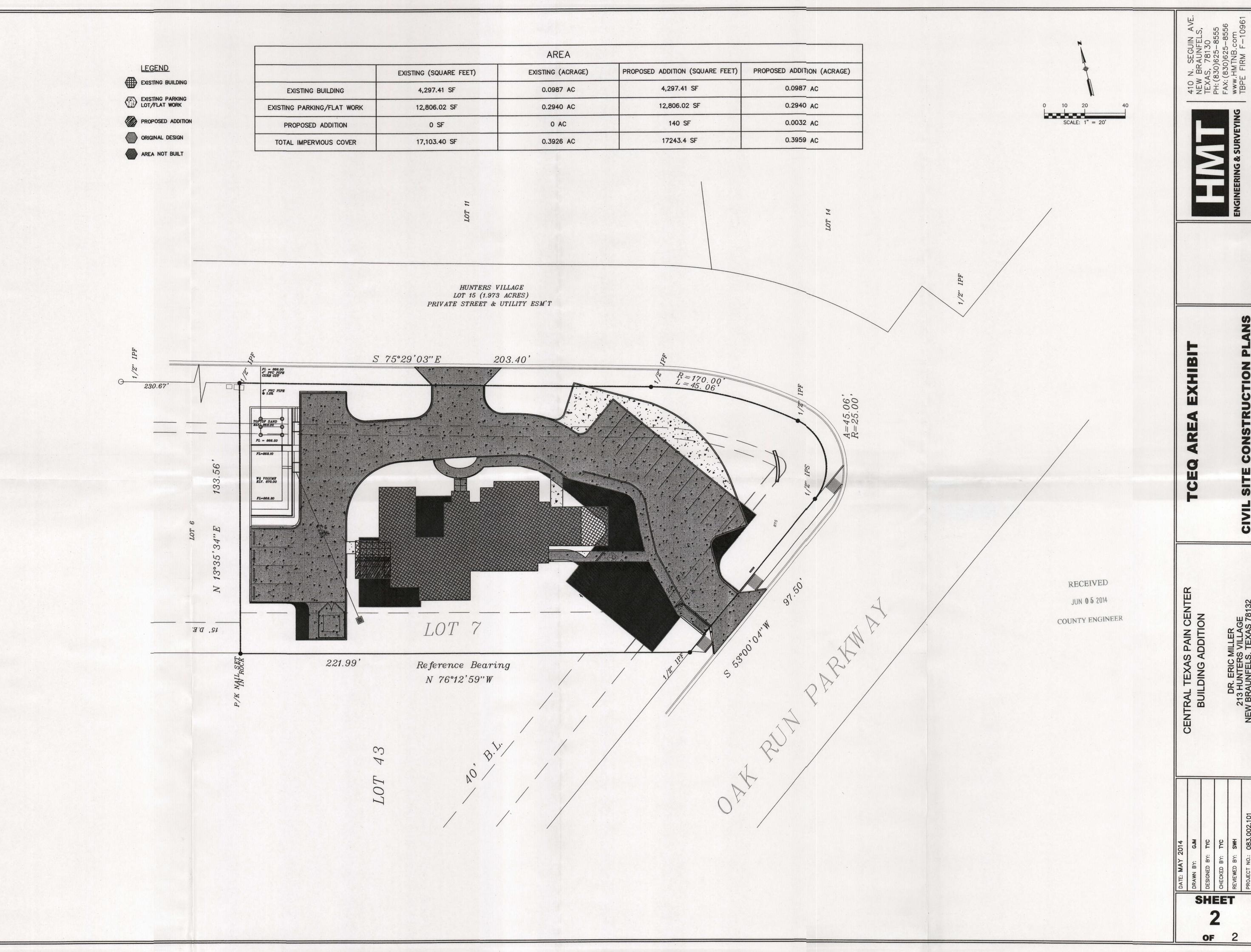
98

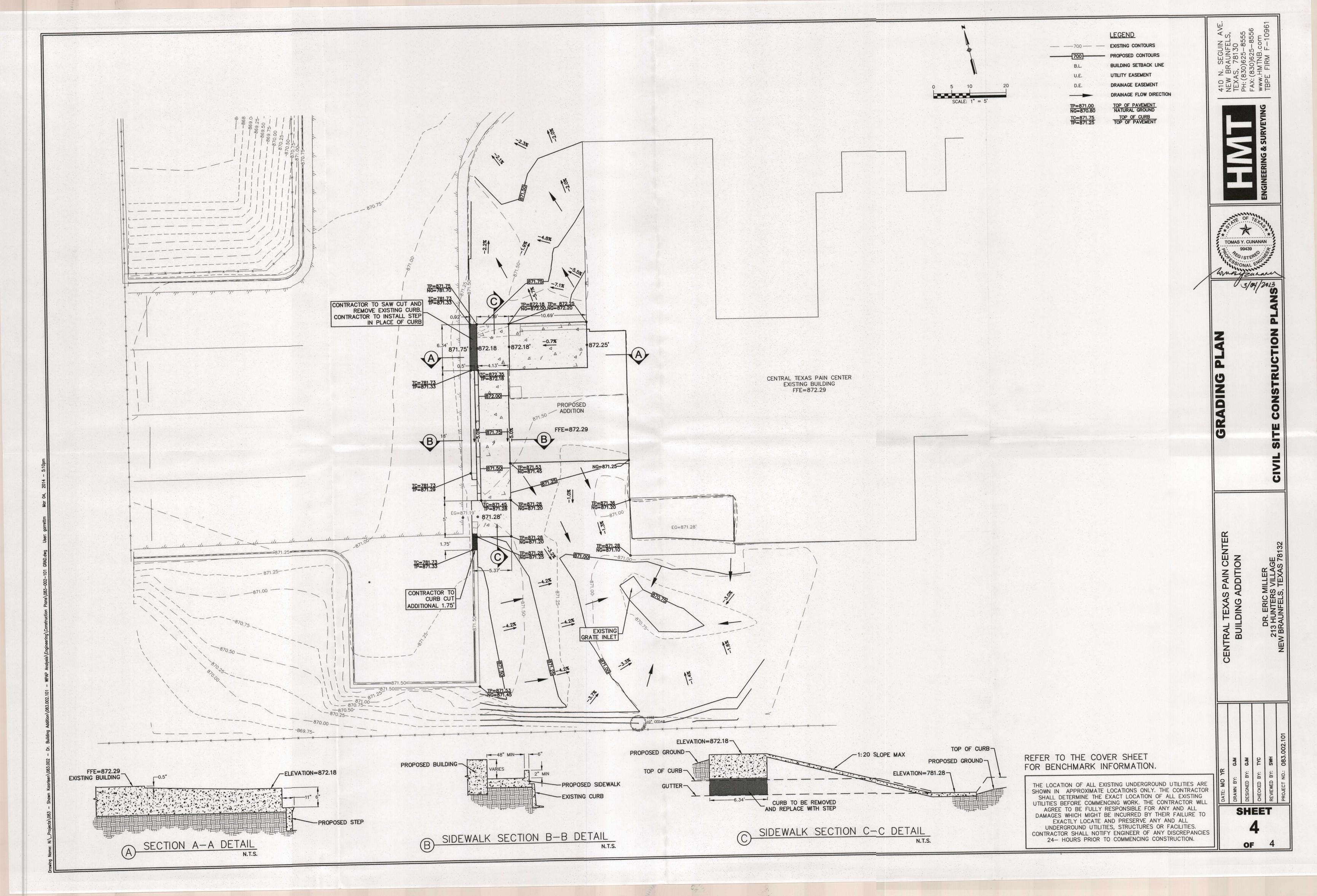
Required Sand Area

Check if Full Sedimentation Is Used

Texas Commission on Environmental Quality

TSS Removal Calculations Project: Central Texas Pain Center-Proposed Watershed: XX Input By User Job No.: Automatically Calculated Variables 5/5/2014 Date: 1. Required Load Reduction $Lm = 27.2(AN \times P)$ RECEIVED where: Lm = Required TSS removal An = Net increase in impervious area for site P = Average annual precipitation, inches JUN 0 5 2014 Site Data County = Comal COUNTY ENGINEER Basin watershed area = 0.79 acres Predevelopment impervious area = 0.00 acres Post-development impervious area = 0.3959 acres 0.50 Postdevelopment impervious fraction= 33 inches 355.32 0.00 Lm = lhs Ibs included for overtreatment of uncaptured area 2. Select BMP AC= Aqualogic Cartridge Filter Proposed BMP = abbreviation BR= Bioretention Removal efficiency = CW= Constructed Wetland percent RI= Retention / Irrigation SF= Sand Filter WB= Wet Basin 3. Calculate TSS Load Removed by BMPs LR = (BMP efficiency) x P x (A_1 x 34.6 + A_P x 0.54) LR = TSS Load removed by BMP where: Ai = Impervious area of BMP catchment Ap = Pervious area of BMP catchment Ai = 0.40 lacres 0.40 acres Ap = Lr= 408.59 Ibs 4. Calculate Fraction of Annual to Treat F= 0.87 OK 5. Calculate Capture Volume Rainfall Depth = 1.44 inches Post Development Runoff Coefficient = 0.36 Runoff Volume = 1,481 cubic feet Storage for Sediment= 296 **Total Capture Volume** 1,777 cubic feet 6. SAND AREA REQUIRED Af= WQV/10 (for systems combining filtration and sedimentation in a single basin) Af= WQV/18 (for systems combining filtration and sedimentation in a separate basins) Check if Partial Sedimentation Is Used Required Sand Area 178 square feet Check if Full Sedimentation Is Used Required Sand Area 99 square feet







CIVIL ENGINEERING & CONSULTING SERVICES

- RESIDENTIAL DEVELOPMENT
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- PUBLIC WORKS
- UTILITIES

May 21, 2014

RECEIVED

Ms. Monica Reyes TCEQ San Antonio Regional Office – Region 13 14250 Judson Rd. San Antonio, Texas 78233-4480

MAY 30 2014

COUNTY ENGINEER

Re:

Response to TCEQ Comments dated May 20, 2014

Edwards Aquifer, Comal County

NAME OF PROJECT: Star Canyon Wastewater Treatment Facility; Located on FM

2722, 3.5 miles north of State Highway 46 on the left side; Texas.

TYPE OF PLAN: Request for Approval of a Water Pollution Abatement Plan (WPAP)

30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer;

Investigation No. 1139269; Regulated Entity No. RN106386972; Additional ID No. 📻

13-14040301

RECEIVED TOEQ"
SAN ANTONIO
REGION

Dear Ms. Reyes,

Pawelek & Moy, Inc. (P&M) has addressed the comments by the TCEQ dated May 20, 2014 for the above mentioned project. P&M has taken the following actions with regards to the comments:

General Information Form (TCEQ-0587) Comments:

Comment

Response

A revised USGS map at a scale of 1"=2000' with legible contours is enclosed.

Temporary Stormwater Section (TCEQ-0602) Comments:

- 2. Regarding Attachment I: Silt Fence the following note has been added: "When construction is complete, the sediment should be disposed of in a manner that will not cause additional siltation and the prior location of the silt fence should be revegetated. The fence itself should be disposed of in an approved landfill".
- Regarding Attachment I: Construction Entrance/Exit the following note has been added to note #1:

 "This may require periodic top drawing with additional stops as conditions."

"This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment".

Permanent Stormwater Section (TCEQ-0600) Comments:

Regarding the 20% or less impervious cover waiver:

A letter from the owner is enclosed confirming that LBC Partners, Ltd. is considered a small business.

Please call if you have questions regarding these responses. Thank you for your assistance.

Sincerely,

John & Moy, Jr., P.E

Attachments:

- Revised USGS map

Revised Attachment I – Inspection and Maintenance for BMP's

- Small Business confirmation letter from owner

cc: Mr. Stephen Sallman - LBC Partners, Ltd.

F:\1210.02 - STAR CANYON\DWG\WPAP\TCEQCOMMENTS\TCEQRESPONSELETTER-05-21-14.DOC

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MAY 3 0 2014

COUNTY ENGINEER

12. Attachment I – Inspection and Maintenance for BMP's

MAY 3 0 2014

1000

A. Rock Berm Inspection and Maintenance Guidelines: COUNTY ENGINEER

- 1) Inspection shall be made weekly and after each rainfall by the contractor.
- 2) All debris and sediment shall be removed when buildup reaches 6 inches and this accumulated debris/sediment shall be disposed in an approved site and in a manner as to not introduce additional siltation.
- 3) Any loose wire sheathing shall be repaired.
- 4) During the inspection, the berm shall be reshaped as needed.
- 5) The berm shall be replaced when the structure does not function as intended due to silt accumulation, construction traffic, etc.
- 6) The rock berm shall be left in place until all upstream disturbed areas are stabilized and the accumulated silt has been removed.

B. Silt Fence Inspection and Maintenance Guidelines:

- 1) Inspection shall be made weekly and after each rainfall by the contractor.
- 2) All sediment shall be removed when buildup reaches 6 inches.
- 3) Any torn fabric shall be replaced or a new line of fencing shall be installed parallel to the torn section.
- 4) Replace or repair areas of silt fence that have been damaged due to construction activity, vehicular access, etc. and if the silt fence is located in an area of high construction traffic, relocate to an area that will provide equal protection but will not obstruct vehicular movements.
- 5) When construction is complete, the sediment should be disposed of in a manner that will not cause additional siltation and the prior location of the silt fence should be revegetated. The fence itself should be disposed of in an approved landfill.

D. Temporary Construction Entrance/Exit:

- 1) The entrance shall be maintained in a way that will prevent tracking of sediment onto the public right-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment.
- 2) Any sediment dropped, spilled, washed or tracked on to the public right of way shall be immediately removed by the contractor.
- 3) When applicable, wheels shall be washed to removed sediment prior to exiting the construction site.
- 4) When washing is required it shall be performed in an area that is stabilized/protected to prevent sediment from entering any public right of ways, streams or sensitive areas.

LBC Partners, Ltd. 4925 Greenville Avenue, Suite 1020 Dallas, TX 75206

May 20, 2014

TCEQ San Antonio Regional Office – Region 13 Attn: Ms. Monica Reyes 14250 Judson Rd. San Antonio, Texas 78233-4480

Ref: Star Canyon Wastewater Treatment Facility WPAP

Dear Ms. Reyes,

Please be advised that LBC Partners, Ltd. is considered a small business according to the Government Code definition. LBC Partners, Ltd. is a "for profit" entity, independently owned and operated, and has fewer than 100 employees.

Please contact me should you require additional information.

Stephen I. Sallman

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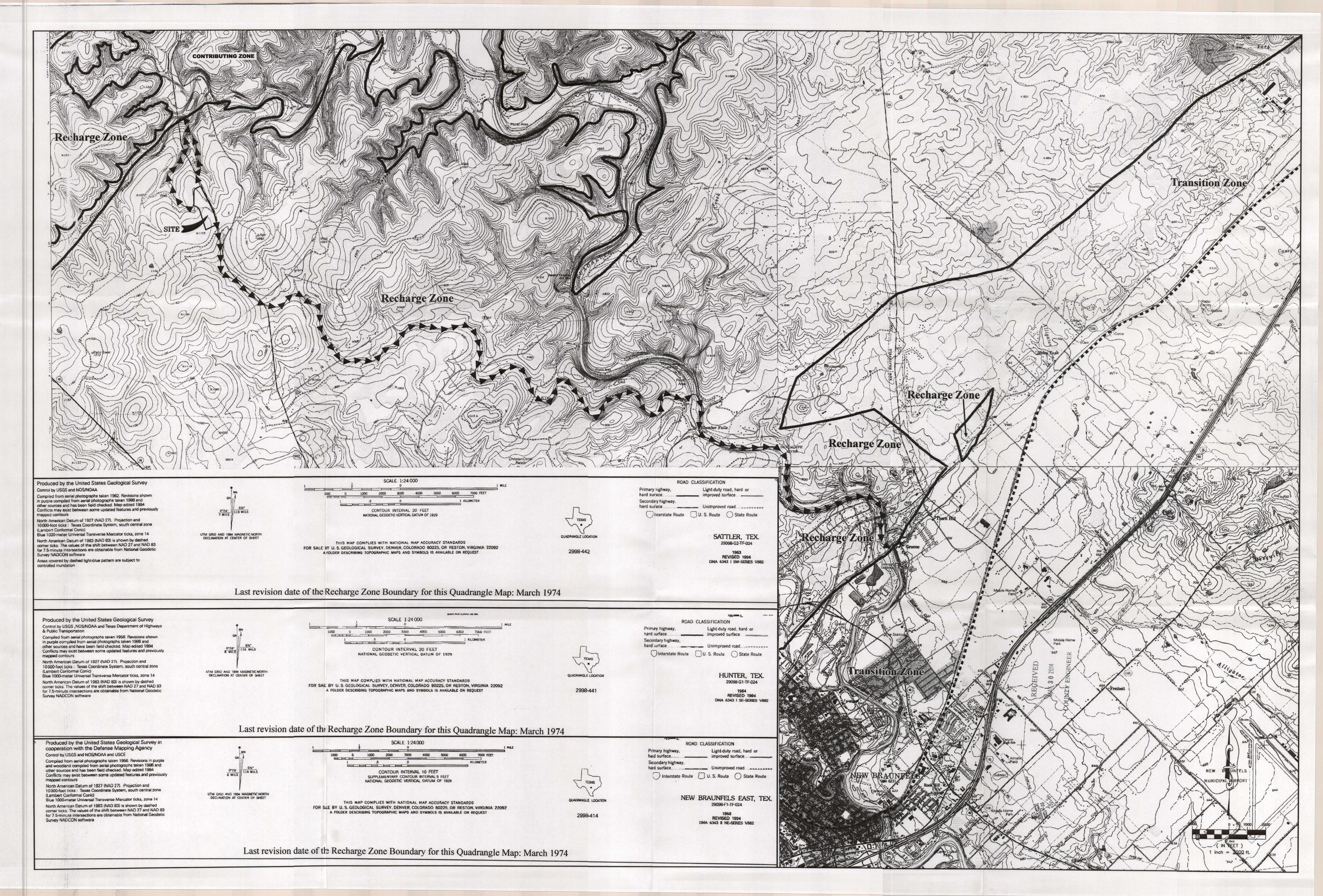
Sincerely,

MAY 3 0 2014

COUNTY ENGINEER

Stephen L. Sallman

Manager



S. CRAIG HOLLMIG, INC.

CONSULTING ENGINEERS - SURVEYORS

410 N SEGUIN STREET

NEW BRAUNFELS, TEXAS 78130-5085

TEXAS SOCIETY OF PROFESSIONAL ENGINEERS
AMERICAN SOCIETY OF CIVIL ENGINEERS

TEXAS SURVEYORS ASSOCIATION
TELEPHONE: (830) 625-8556
FAX: (830) 625-8556

WATER SYSTEMS • SEWER SYSTEMS • SUBDIVISIONS • LAND PLANNING • STREETS • SURVEYING

March 5, 2008

Texas Commission on Environmental Quality Lynn M. Bumguardner Region 13 14250 Judson Rd. San Antonio, Texas 78233-4480

RECEIVED
PR 2 3 2008
TY ENGINEER

Re: Edwards Aquifer, Comal County

NAME OF PROJECT: Central Texas Pain Center; Located south of SH 46, at the southwestern corner of Oak Run Parkway and Hunter Village; New Braunfels, Texas TYPE OF PLAN: Request for the modification of a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer; Edwards Aquifer Protection Program ID No. 1964.04; Investigation No. 614383; Regulated Entity No. RN105390595

Dear Ms. Bumguardner:

This letter is in reference to your letter to me dated February 28, 2008. Let me address your comments relating to the application:

- 1. Please see the revised site plan. We have raised the bypass curb inlet to a higher elevation to prevent stormwater from entering into this inlet until the pond is full and backs up slightly into the parking lot. We have provided more spot elevations and a detail to show that the parking lot will act as a weir. We apologize for the confusion regarding the previous comments. There is no designated parking spot in the area directly in front of the bypass inlet. This is not a high traffic area. Therefore, there is limited opportunity for contaminants to enter the bypass inlet. The pond was increased in size to account for this area and the driveway apron area on Oak Run Parkway, as you can see in the revised calculations.
- 2. We have now included finished contours for the site. Please keep in mind that the bottom portion of the site including the pond and parking is contained by a vertical retaining wall.

Page 2: TCEQ Letter March 5, 2008



3. Please see the revised water quality calculations per your discussion with Mr. Brian L. Merriman from my office. We have revised the calculations to show the effects of the small area of the Oak Run Parkway apron and the small area in front of the bypass inlet that will not go into the pond. The revised calculations show that an additional capture volume was required. We have enlarged the water quality pond to account for the additional treatment as required.

Sincerely,

S. Craig Hollmig, P.E.

Buddy Garcia, *Chairman*Larry R. Soward, *Commissioner*Bryan W. Shaw, Ph.D., *Commissioner*Glenn Shankle, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

RECEIVE

February 28, 2008

APR 2 3 2008

Mr. S. Craig Hollmig, P.E. S. Craig Hollmig, Inc. 401 N. Seguin Street New Braunfels, Texas 78130 COUNTY ENGINEER

Re: Edwards Aquifer, Comal County

NAME OF PROJECT: Central Texas Pain Center; Located south of SH 46, at the southwestern comer of Oak Run Parkway and Hunter Village; New Braunfels, Texas TYPE OF PLAN: Request for the Modification of a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer; Edwards Aquifer Protection Program ID No. 1964.04; Investigation No. 614383; Regulated Entity No. RN105390595

Dear Mr. Hollmig:

We are in receipt of the additional information you have submitted on the above-referenced project for the WPAP modification and are in the process of technically reviewing the additional information. Before we can proceed with our review, the following comments relating to the application must be addressed.

- 1. It is unclear how stormwater runoff from the northwestern portion of the site, next to the basin, will drain into the basin. It appears that stormwater from the uncaptured area will flow into the bypass inlet and therefore bypass treatment (see Attachment A). Please address this issue and amend site plan and/or calculations as necessary.
- 2. To better evaluate the directional flow of stormwater to the basin, please amend Sheet C4 to include finished contours.
- 3. It appears that the driveway apron, located on Oak Run Parkway, is an uncaptured area and was not accounted for in the calculations (see Attachment B). Please amend site plan and calculations as necessary.

We ask that you submit one original and four copies of the amended materials to supplement the WPAP modification to this office by no later than 7 days from the date of this letter to avoid denial of the plan. If the response to this notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application will be denied unless you provide written notification that the application is being withdrawn. Please note that the

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APR 2 3 2008

COUNTY ENGINEER

Mr. S. Craig Hollmig, P.E. February 28, 2008 Page 2

application fee will be forfeited if the plan is not withdrawn. If you have any questions or require additional information, please contact Javier Anguiano of the Edwards Aquifer Protection Program of the San Antonio Regional Office at (210) 403-4019.

Sincerely,

Lynn M. Bumguardner

Water Section Work Leader

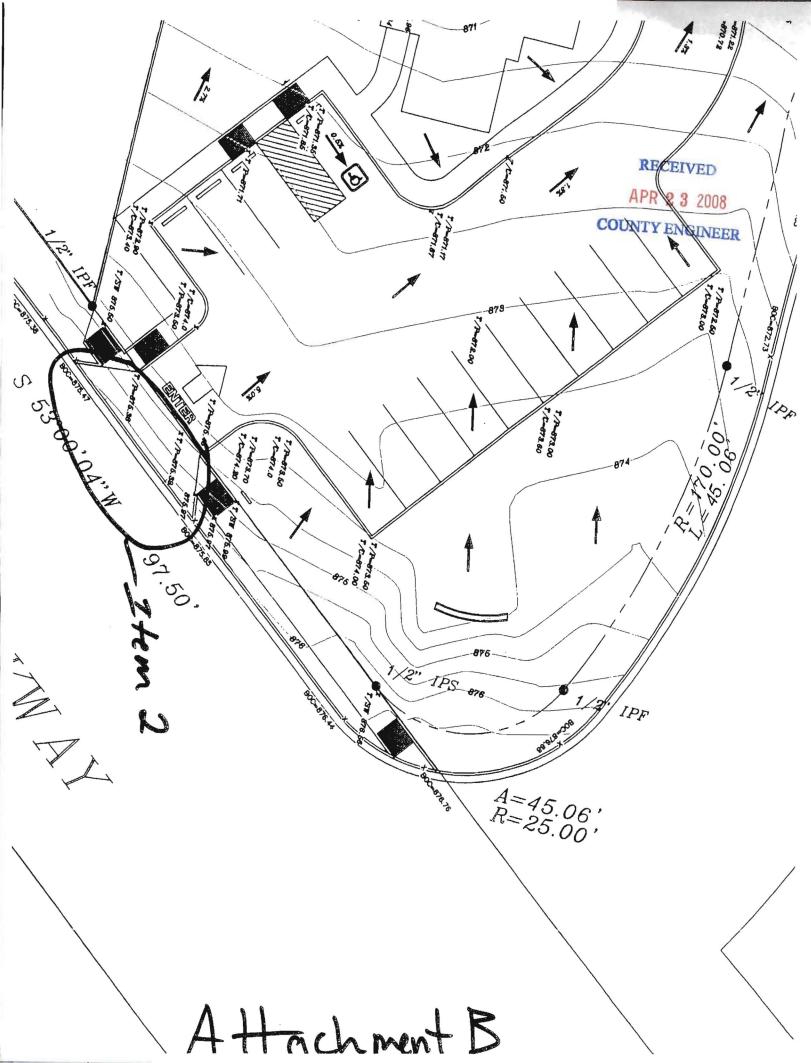
TCEQ San Antonio Regional Office

LMB/JA/eg

fc: Dr. Eric Miller, Central Texas Pain Center, Fax Number (830) 627-3803

S. Craig Hollmig, P.E., S. Craig Hollmig, Inc., Fax Number (830) 625-8556

PRIVATE STREET & UTILITY ESM'T TOL 12 (1.973 ACRES) HUNTERS VILLAGE REPAIR CURB AS NECESSARY 203.40. J..80,62.52 S BOC=866.03 FL - 866.00 F PVC PIPE CURB CUT CONTRACTOR TO PART TO PVO DURING CONSTRUCTION OF RETAINING BOC-868.13 BOC-888.83 230. BOC-870.17 TEMPORARY ROCK BERN-40 LF. A ROCK BE. WALL-871.00 F G.V. T/P-870.50 -18" FL-867.60 T/P-870.65 T/P=870.55 T/C-871.16 T/C-871.05 2 3 3 3 X 870.36 T/C-870.90 T/C=871.0 T/C-871.22 T/TION SPLITTER T/P=870.40 T/P-870.60 T/P-870.78 INLET-870.70 T/P-870.00 18 FL-887.80 0.5% T/C-870.70 1.5% T/P-870.20 T/P-870.50 T/C-871.00 T/P=870.88 T/C-871.18 T/P-870.78 X T/P=870.28 SEDIMENT WARKER T/C-871.28 TOT BY TOTAL T/INLET=870.70 99 T/P-870.00 8" FL-868.30 BLY. 870.00 12 FL-868.30 133. FL=868,20 871.81 4:1 871.98 T/P-870.40 T/C-870.90 E 7-871.30 P-870.80 P/F-872.00 T/P-870.68 T/P-871.04 871.65 T.C-871.64 0.6x 0.795 AC. 871.84 T/P-871.04 871.50 T/P-870.88 871.50 T/C-871.64 P-870.80 T/W-871.30 871,98 871.50 871.80 T/INLET=870.60 8" FL-868.70 X 870.80 T/P-870.80 T/C-871.30 ¥ 871.00



ATTACHMENT "F" PERMANENT STORMWATER SECTION 10F3

Texas Commission on Environmental Quality

TSS Removal Calculations 02-20-2008

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APR 2 3 2008

COUNTY ENGINEER

Additional information is provided for cells with a red triangle in the upper right corn Text shown in blue indicate location of instructions in the Technical Guidance Manual - RG Characters shown in red are data entry fields.

Characters shown in black (Bold) are calculated fields. Changes to these fields will:

1. The Required Load Reduction for the total project:

Calculations from RG-348

Page 3-29 Equation 3.3: $L_{M} = 27.2(A_{N} \times P)$

where:

LM TOTAL PROJECT = Required TSS removal result

 A_N = Net increase in impervious a

P = Average annual precipitation

Site Data: Determine Required Load Removal Based on the Entire Project

Total project area included in plan * = 0.80 acres
Predevelopment impervious area within the limits of the plan * = 0.00 acres

Total post-development impervious area within the limits of the plan* = 0.40

Total post-development impervious cover fraction * = 0.50

P = 33 inches

L_{M TOTAL PROJECT} = 359 lbs.

* The values entered in these fields should be for the total project area.

Number of drainage basins / outfalls areas leaving the plan area = ?

2. Drainage Basin Parameters (This information should be provided for each basin):

Drainage	Basin/Outfall	Area N	lo. = '	?
----------	---------------	--------	---------	---

55	,	
0.79 acres	Total drainage basin/outfall area = 0.7	
0.00 acres	ent impervious area within drainage basin/outfall area = 0.0	F
0.39 acres	ent impervious area within drainage basin/outfall area = 0.3	Po
0.49	t impervious fraction within drainage basin/outfall area = 0.4	Post-
350 lbs.	L _{M This Basin} = 35	

3. Indicate the proposed BMP Code for this basin.

Proposed BMP =	sf	abbreviation
Removal efficiency =	89	percent

ATTACHMENT "F" PEDUA HENT STORMWATER SECTION 20F3

RECEIVED

APR 2 3 2008

COUNTY ENGINEER

4. Calculate Maximum TSS Load Removed (LR) for this Drainage Basin by the selected BMP Type.

RG-348 Page 3-33 Equation 3.7: L_R = (BMP efficiency) x P x (A_I x 5

where:

A_C = Total On-Site drainage area

 A_I = Impervious area proposed in

A_P = Pervious area remaining in tl

L_R = TSS Load removed from this

 $A_C = 0.79$ acres

 $A_1 = 0.39$ acres

 $A_P = 0.40$ acres

 $L_R = 403$ lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired L_{M THIS BASIN} = 359 lbs.

F = 0.89

6. Calculate Capture Volume required by the BMP Type for this drainage basin / outfall area.

Rainfall Depth = 1.60 inches

Post Development Runoff Coefficient = 0.35

On-site Water Quality Volume = 1624 cubic feet

Calculations from RG-348

Off-site area draining to BMP = 0.00 acres
Off-site Impervious cover draining to BMP = 0.00 acres

Impervious fraction of off-site area = 0

Off-site Runoff Coefficient = 0.00

Off-site Water Quality Volume = 0 cubic feet

Storage for Sediment = 325

ATTACHMENT "F" PERMANENT STORMWATER SECTION 3053

Total Capture Volume (required water quality volume(s) x 1.20) = 1949 cubic feet The following sections are used to calculate the required water quality volume(s) for the selected BMF The values for BMP Types not selected in cell C53 will show NA.

7. Retention/Irrigation System

Designed as Required in RG

Required Water Quality Volume for retention basin = NA cubic feet

RECEIVI

Irrigation Area Calculations:

Soil infiltration/permeability rate = 0.1

> Irrigation area = NA

NA

8. Extended Detention Basin System

Designed as Required in RG

Required Water Quality Volume for extended detention basin =

NA

cubic feet

9. Filter area for Sand Filters

Designed as Required in RG

9A. Full Sedimentation and Filtration System

Water Quality Volume for sedimentation basin = 1949 cubic feet

> Minimum filter basin area = 90 square feet

Maximum sedimentation basin area = 812 square feet square feet

Minimum sedimentation basin area = 203

9B. Partial Sedimentation and Filtration System

Water Quality Volume for combined basins = 1949 cubic feet

> Minimum filter basin area = 162 square feet

Maximum sedimentation basin area = 650 square feet

Minimum sedimentation basin area = 41 square feet

10. Bioretention System

Designed as Required in RG

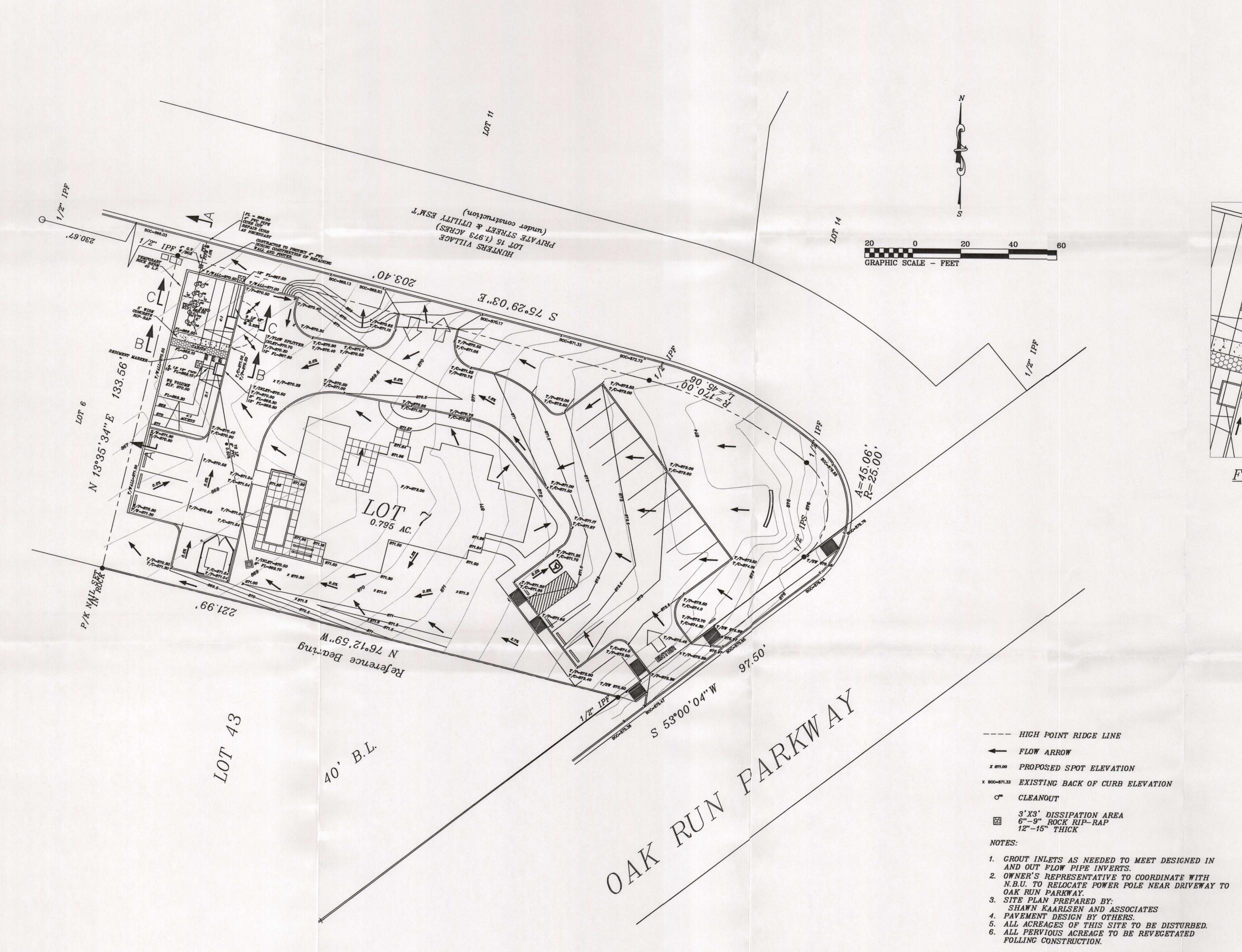
Required Water Quality Volume for Bioretention Basin = cubic feet NA

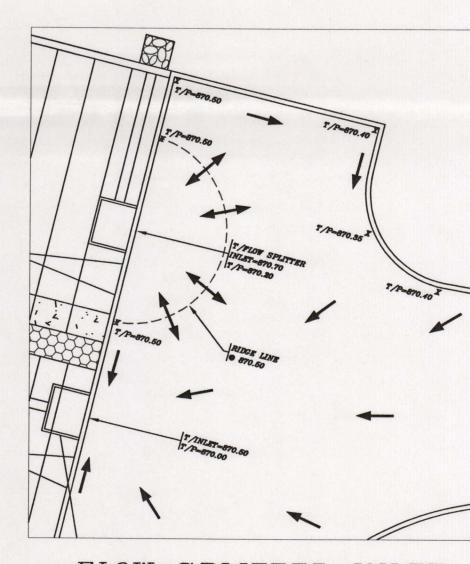
11. Wet Basins

Designed as Required in RG

Required capacity of Permanent Pool = NA cubic feet Required capacity at WQV Elevation = NA cubic feet







FLOW SPLITTER INLET GRADING DETAIL SCALE: 1"=10'

RECEIVED TOEO SAN ANTONIO REGION 2008 MAR -5 PM 2: 56

RECEIVED

APR 2 3 2008 COUNTY ENGINEER

GRADING

PLAN

S. CRAIG HOLLMIG, INC

410 N. SEGUIN STREET NEW BRAUNFELS, TX 78130-5085 PH: (830)625-8555 FAX: (830)625-8556 engr@hollmiginc.com

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Project No.: 0709024

Drwn. By: NVA

Chkd By: SAK

Date Issued: 12/19/2007

Revisions:

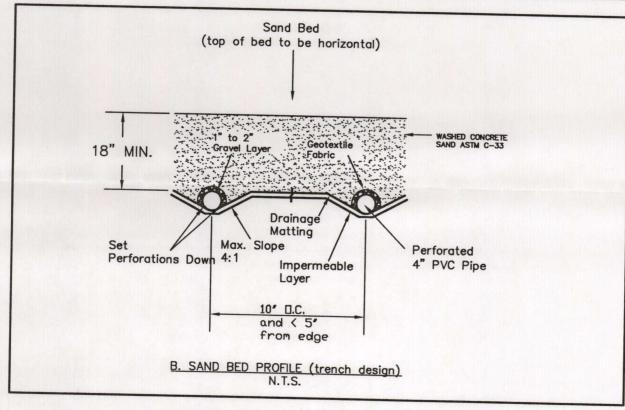
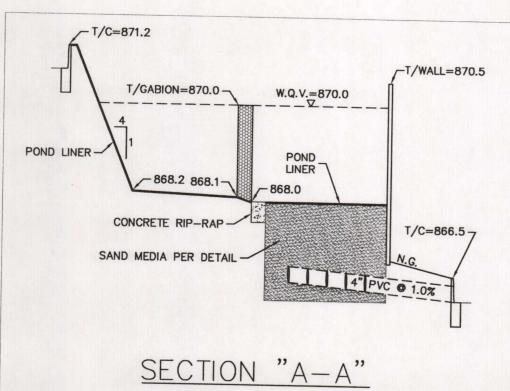
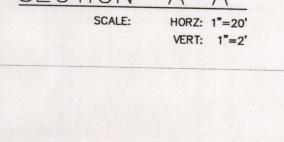
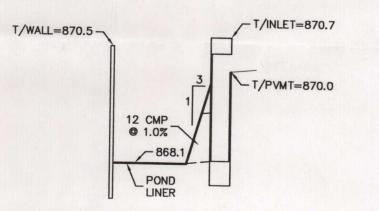
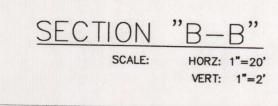


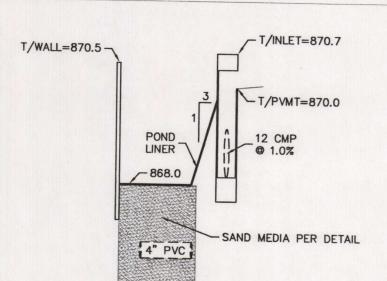
Figure 3-1 Schematic of Sand Bed Profile











HORZ: 1"=20' VERT: 1"=2"

Table 3-1 Clay Liner Specifications (COA,2004)

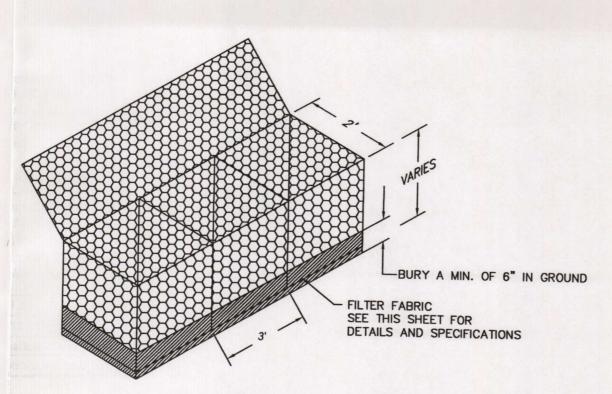
Property	Test Method	Unit	Specification 1 x 10 -6	
Permeability	ASTM D-2434	cm/sec		
Plasticity Index of Clay	ASTM D-423 & D-424	%	Not less than 15	
Liquid Limit of Clay	ASTM D-2216	%	Not less than 30	
Clay Particles Passing	ASTM D-422	%	Not less than 30	
Clay Compaction	ASTM D-2216	%	95% of Standard Proctor Density	

CLAY LINER SHALL BE A MINIMUM OF 12" THICK.

Table 3-2 Fabric Specifications (COA,2004)

Property	Test Method	Unit	Specification
Unit Weight		oz/yd ²	8
Filtration Rate		in/sec	0.08
Puncture Strength	ASTM D-751*	lb	125
Mullen Burst Strength	ASTM D-751	psi	400
Tensile Strength	ASTM D-1682	lb	200
Equiv. Opening Size *modified	US Standard Sieve	No.	80

NOTE: ALL CLEANOUTS TO BE SCREW TYPE.



GABION BASKET DETAIL SCALE: NTS

1. STONE

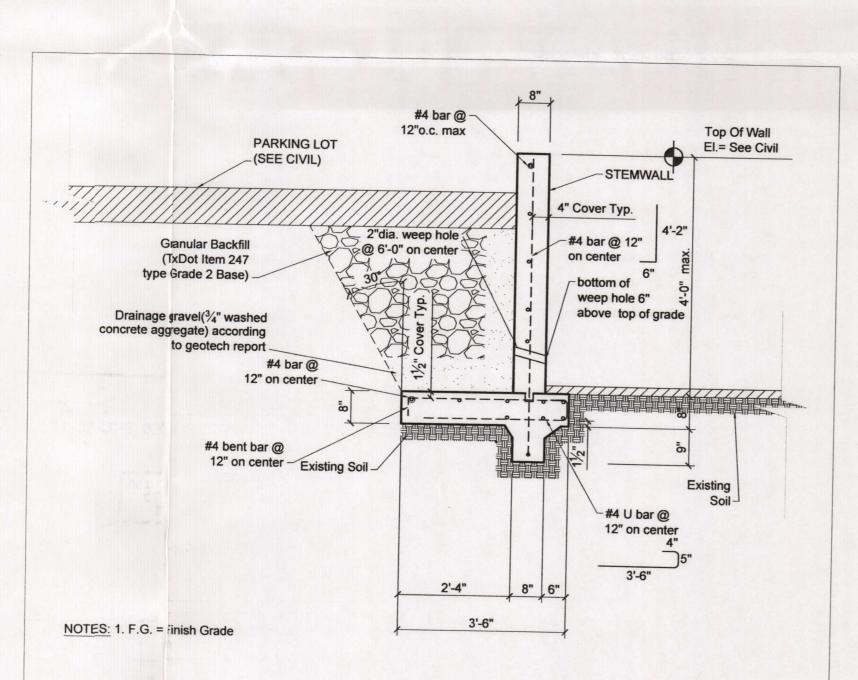
STONE FILL MATERIAL SHALL CONSIST OF HARD, DURABLE, CLEAN STONE OF THE SIZE ANT TO THE ACTION OF AIR AND AND THE ENGINEER AND RESISTANT TO THE ACTION OF AIR AND WATER AND SUITABLE IN ALL RESPECTS FOR THE PURPOSE INTENDED.

2. WIRE CONTAINERS

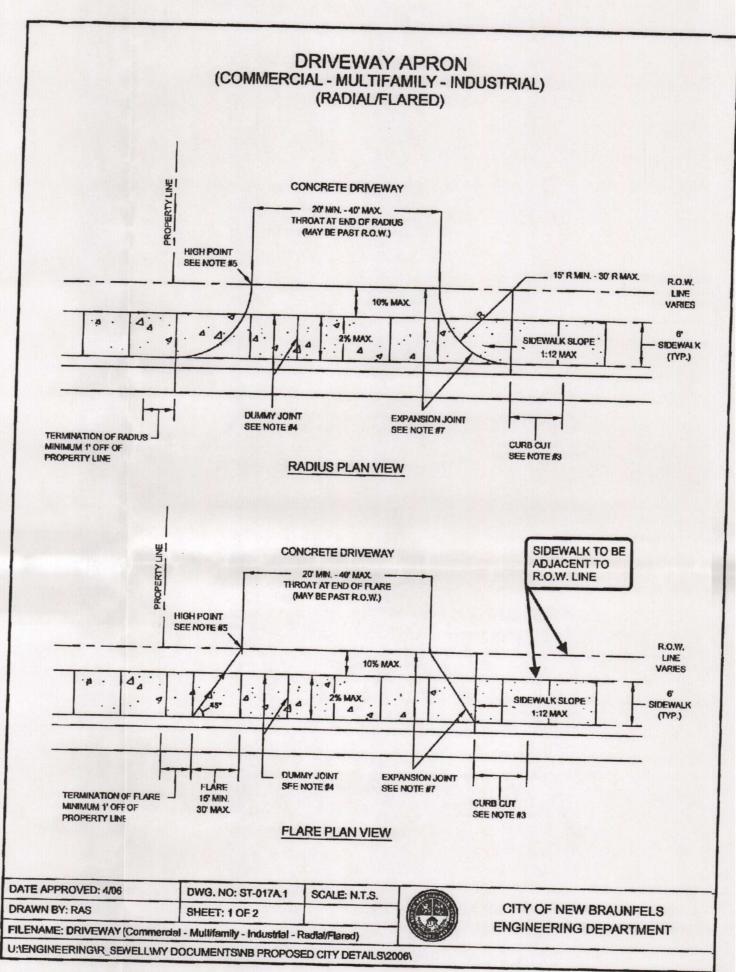
WRE MESH SHALL CONSIST OF PLASTIC COATED (P.V.C.) GALVANIZED WIRE 0.120 INCH IN DIAMETER MINIMUM AND SHALL EQUAL OR EXCEED FEDERAL SPECIFICATION QQ-W-461G, CLASS 3 UNLESS OTHERWISE INDICATED. OPENING OF THE MESH SHALL NOT EXCEED APPROXIMATELY 4 INCHES IN THE LONGEST DIMENSION. THE WIRE MESH IS TO BE FABRICATED IN SUCH MANNER AS TO BE NONRAVELING. TIE AND CONNECTING WIRE SHALL BE OF THE SAME TYPE AND SIZE AS THE BASKETS AND SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SECURELY FASTENING ALL EDGES OF THE GABION AND DIAPHRAGMS.

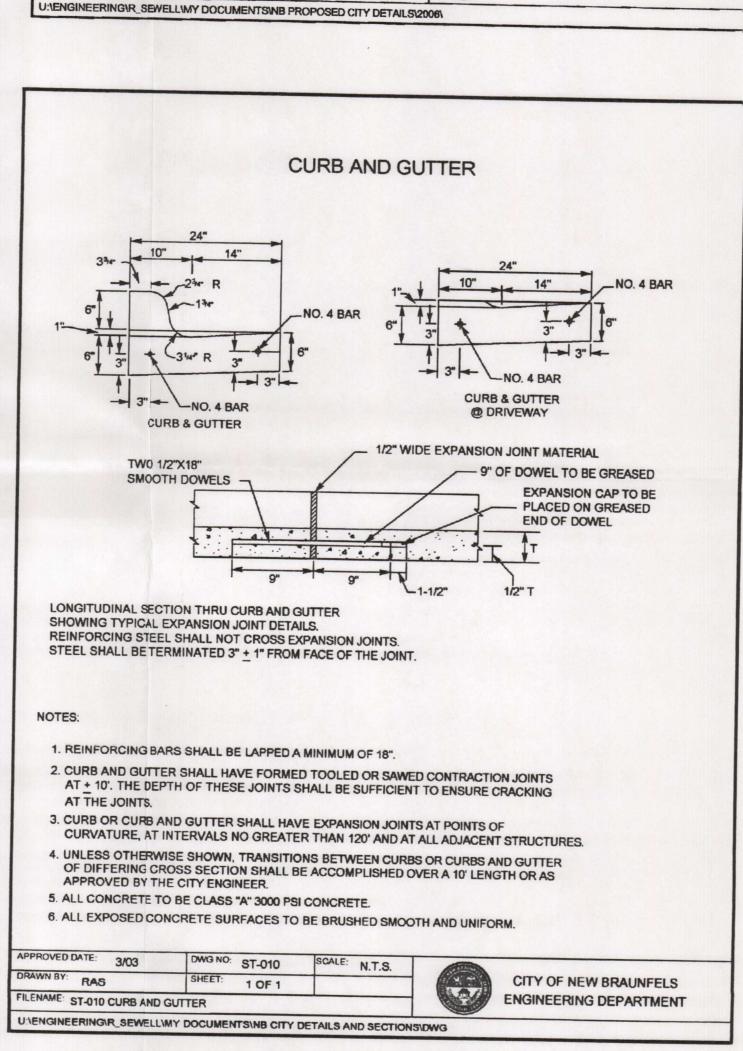
3. FILTER FABRIC

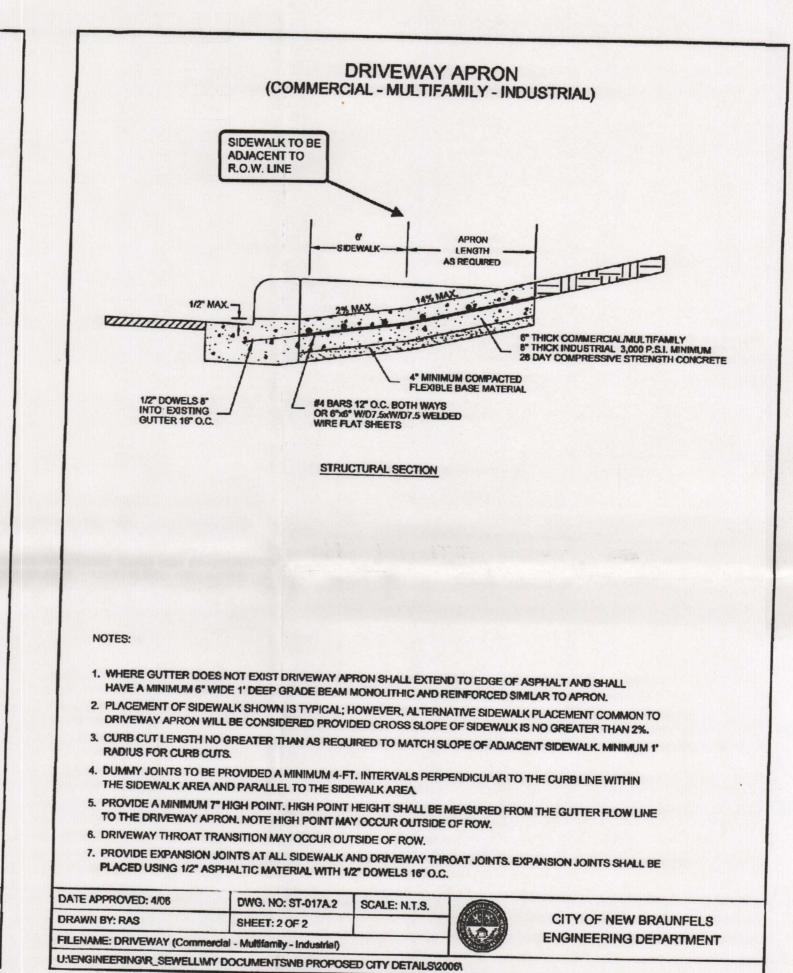
FILTER FABRIC SHALL BE NON-BIODEGRADABLE ULTRAVIOLET STABILIZED, INERT TO MOST SOIL CHEMICALS, UNAFFECTED BY MOISTURE WHICH ALLOWS WATER TO PASS THROUGH WHILE RETAINING SOIL PARTICLES AND SHALL CONFORM TO ITEM NO. 620, "FILTER FABRIC".

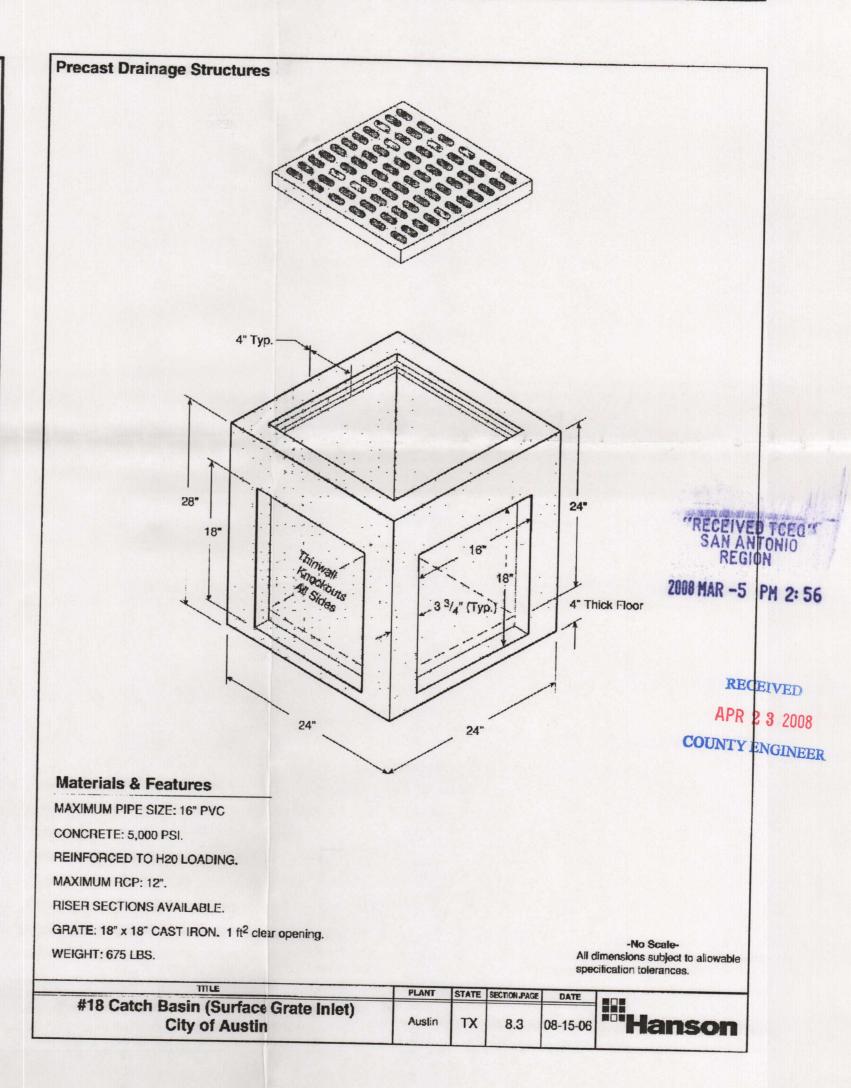


1- RETAINING AT PARKING LOT SCALE: 1/2" = 1'-0"













4

CONSTRUCTION DETAILS

CE

Project No.: 0709024 Drwn. By: NVA

Chkd By: SAK

Date Issued: 12/19/2007 Revisions:

S. CRAIG HOLLMIG, INC.

CONSULTING ENGINEERS - SURVEYORS

410 N. SEGUIN STREET NEW BRAUNFELS, TEXAS 78130-5085



TEXAS SOCIETY OF PROFESSIONAL ENGINEERS

AMERICAN SOCIETY OF CIVIL ENGINEERS

TEXAS SURVEYORS ASSOCIATION
TELEPHONE: (830) 625-8556 • FAX: (830) 625-8556

WATER SYSTEMS . SEWER SYSTEMS . SUBDIVISIONS . LAND PLANNING . STREETS . SURVEYING

March 10, 2008

Texas Commission on Environmental Quality Lynn M. Bumguardner Region 13 14250 Judson Rd. San Antonio, Texas 78233-4480 SAN ANTONIO
REGION
PM 12: 53

Re: Edwards Aquifer, Comal County

NAME OF PROJECT: Central Texas Pain Center; Located south of SH 46, at the southwestern corner of Oak Run Parkway and Hunter Village; New Braunfels, Texas TYPE OF PLAN: Request for the modification of a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer; Edwards Aquifer Protection Program ID No. 1964.04; Investigation No. 614383; Regulated Entity No. RN105390595

Dear Ms. Bumguardner:

This letter is in reference to telephone conversations between Brian M. Merriman and Javier Anguiano. Let me address his comments relating to the application:

- 1. Enclosed is updated Sheet C5 to correct the detail for the sand bed profile.
- 2. The acreage of un-captured area in front of the bypass inlet is 0.0046 acres and the area of the driveway apron is 0.0054 acres. This is a total of 0.01 acres as shown as a deduction in what is going to the pond in the previously provided calculations.
- 3. In addition, the total water quality volume provided is 2,024 cubic feet as designed, compared to 1,949 as required by the calculations. The total sand filter area provided is 295 square feet as designed, compared to 162 as required.

Sincerely,

S. Craig Hoffmig, P.E.

Javier Anguiano - Central Texas Pain Center-request for add. info.

From:

Javier Anguiano

To:

Craig Hollmig

Date:

3/7/2008 1:43 PM

Subject: Central Texas Pain Center-request for add. info.

CC:

Brian Merriman

Craig,

Sorry but I need a couple more pieces of info and one correction.

Correction needed:

On Sheet C5, in reference to the detail windows for the WQ basin, Sections A-A & C-C, the pond liner is shown on top of the filter media instead of the bottom. Please correct.

Additional Info:

- On Sheet C5 two types of sand bed profiles are given. Choose one or provide elevations for both in order to confirm the WQV elevation. If both profiles are proposed as an option to the contractor then a special condition of approval will be added to have the engineer certify which sand bed profile was ultimately used for completion of the basin.
- Confirm the size of the area, in acres, of the two uncaptured areas in order to properly evaluate the calculations.

Unfortunately the clock is running on this, so if you can get the response to me by sometime next week that will be great and I'll be working on the approval letter.

Also, I need the one original and **four** copies; you do not have to provide a whole revised application submittal, just the requested amendments.

Thank you all for you hard work,

Javier Anguiano Environmental Investigator TCEO San Antonio Region Office 14250 Judson Rd. San Antonio, TX 78233 (210) 403-4019

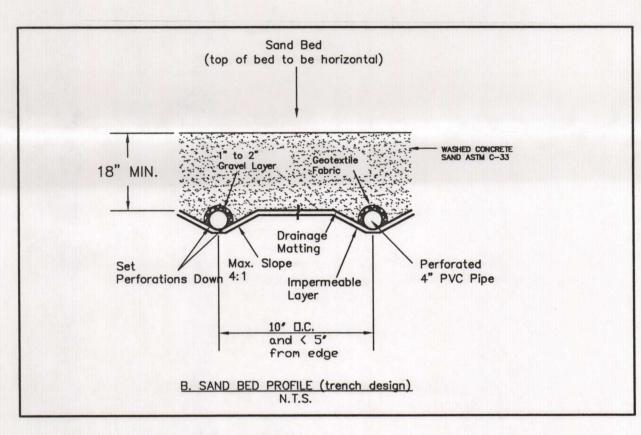
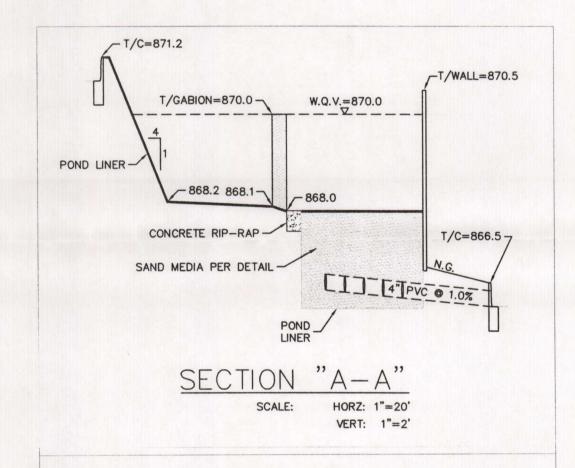
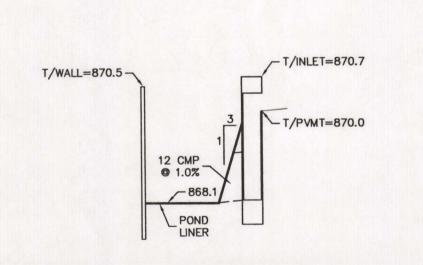
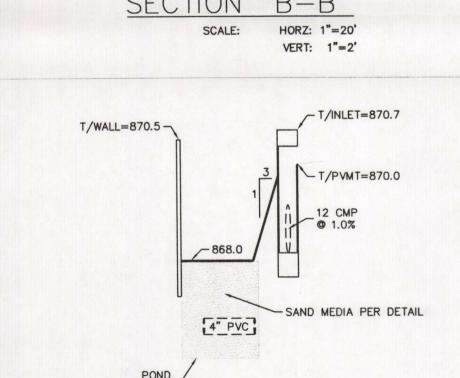


Figure 3-1 Schematic of Sand Bed Profile







VERT: 1"=2"

Table 3-1 Clay Liner Specifications (COA,2004)

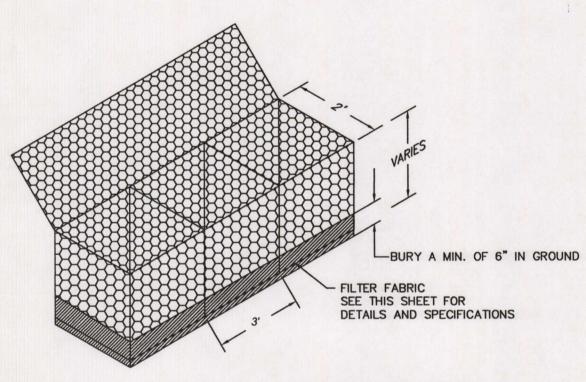
Property	Test Method	Unit	Specification		
Permeability	ASTM D-2434	cm/sec	1 x 10 ⁻⁶		
Plasticity Index of Clay	ASTM D-423 & D-424	%	Not less than 15		
Liquid Limit of Clay	ASTM D-2216	%	Not less than 30		
Clay Particles Passing	ASTM D-422	%	Not less than 30		
Clay Compaction	ASTM D-2216	%	95% of Standard Proctor Density		

CLAY LINER SHALL BE A MINIMUM OF 12" THICK.

Table 3-2 Fabric Specifications (COA,2004)

Property	Test Method	Unit	Specification
Unit Weight		oz/yd ²	8
Filtration Rate		in/sec	0.08
Puncture Strength	ASTM D-751*	lb	125
Mullen Burst Strength	ASTM D-751	psi	400
Tensile Strength	ASTM D-1682	1b	200
Equiv. Opening Size *modified	US Standard Sieve	No.	80

NOTE: ALL CLEANOUTS TO BE SCREW TYPE.



GABION BASKET DETAIL SCALE: NTS

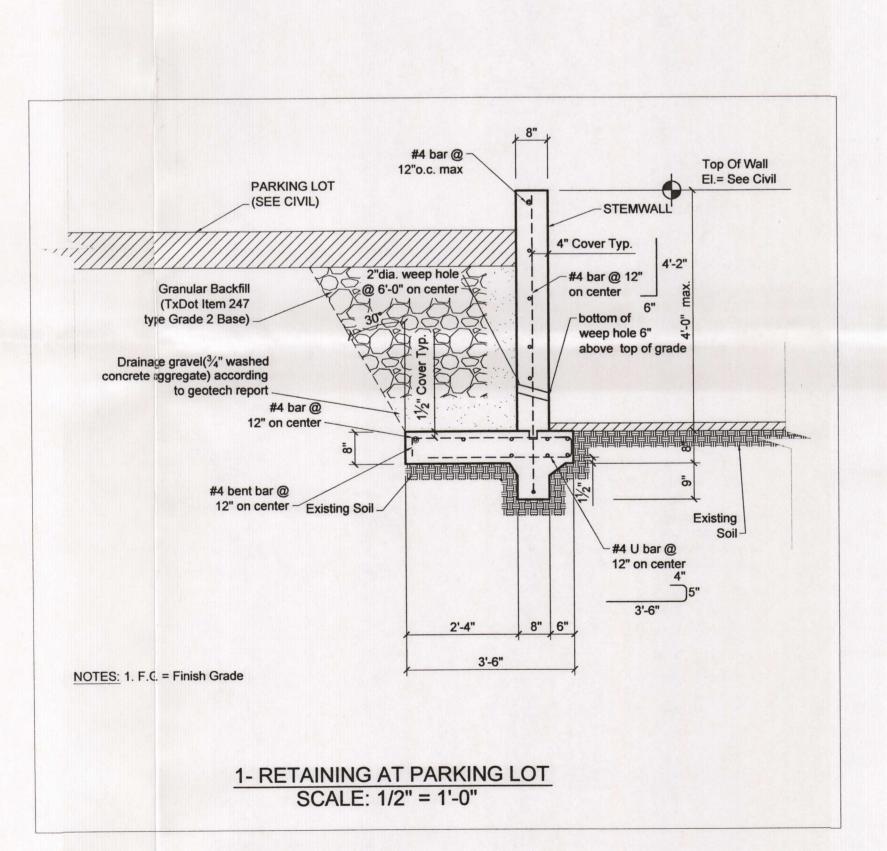
1. STONE

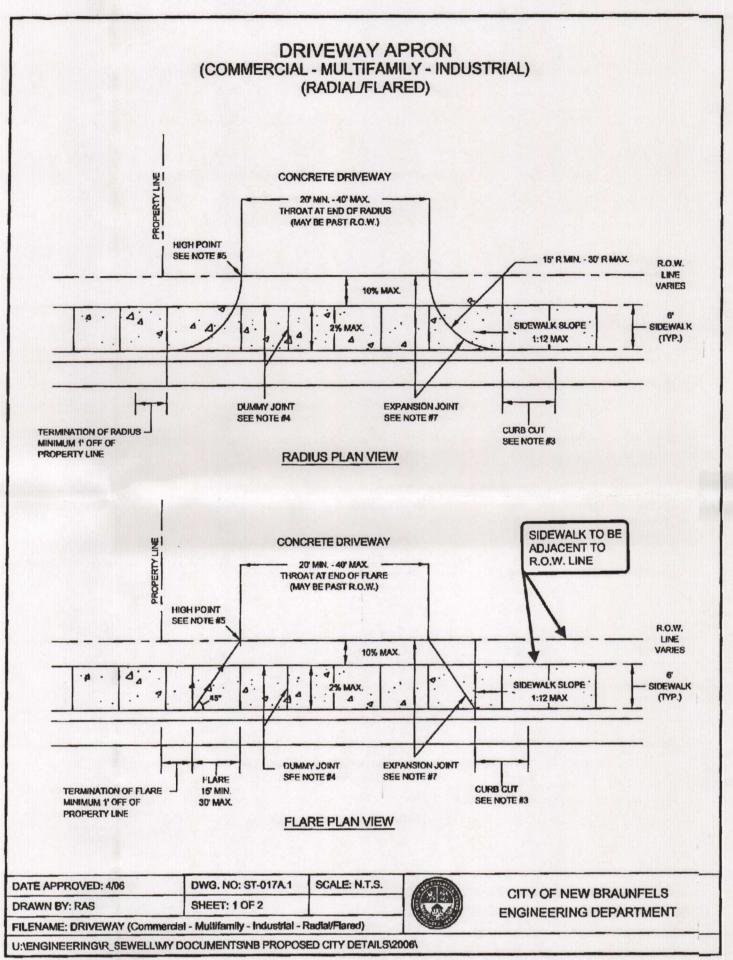
STONE FILL MATERIAL SHALL CONSIST OF HARD, DURABLE, CLEAN STONE OF THE SIZE INDICATED, 6 TO 9 INCHES IN SIZE OR AS APPROVED BY THE ENGINEER AND RESISTANT TO THE ACTION OF AIR AND WATER AND SUITABLE IN ALL RESPECTS FOR THE PURPOSE INTENDED.

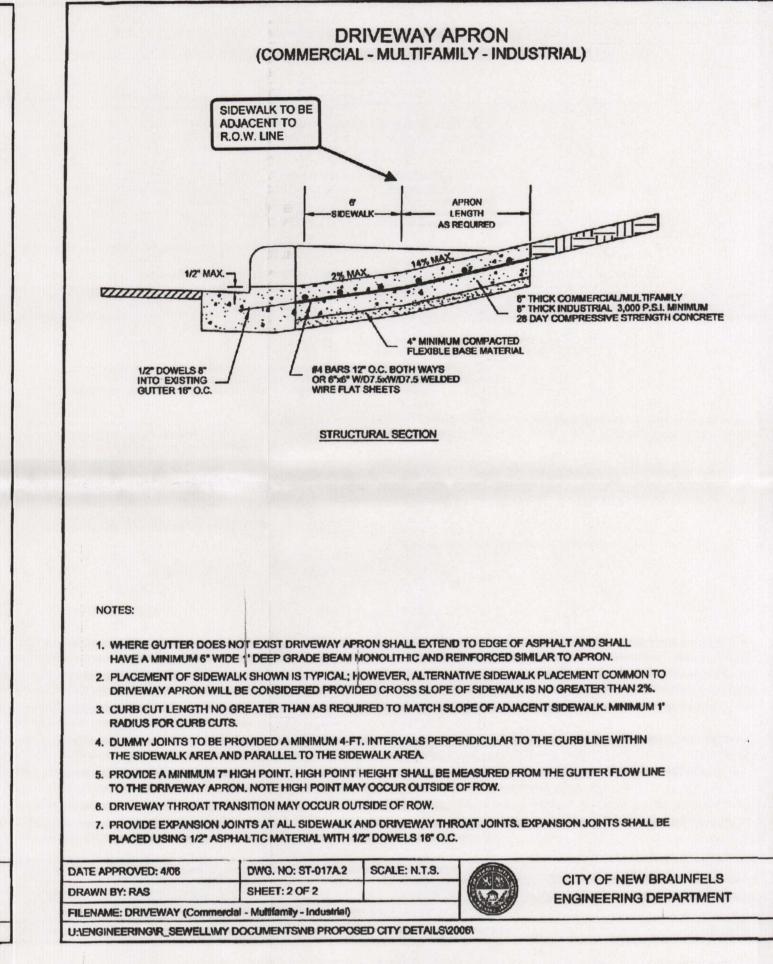
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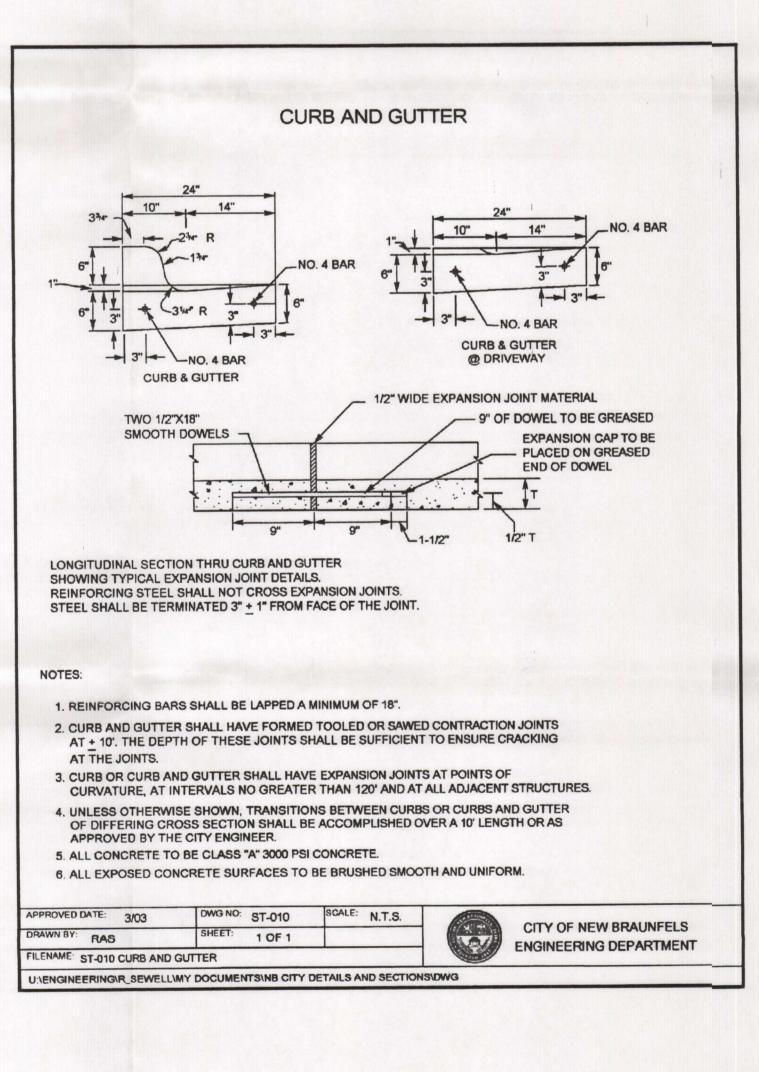
FILTER FABRIC

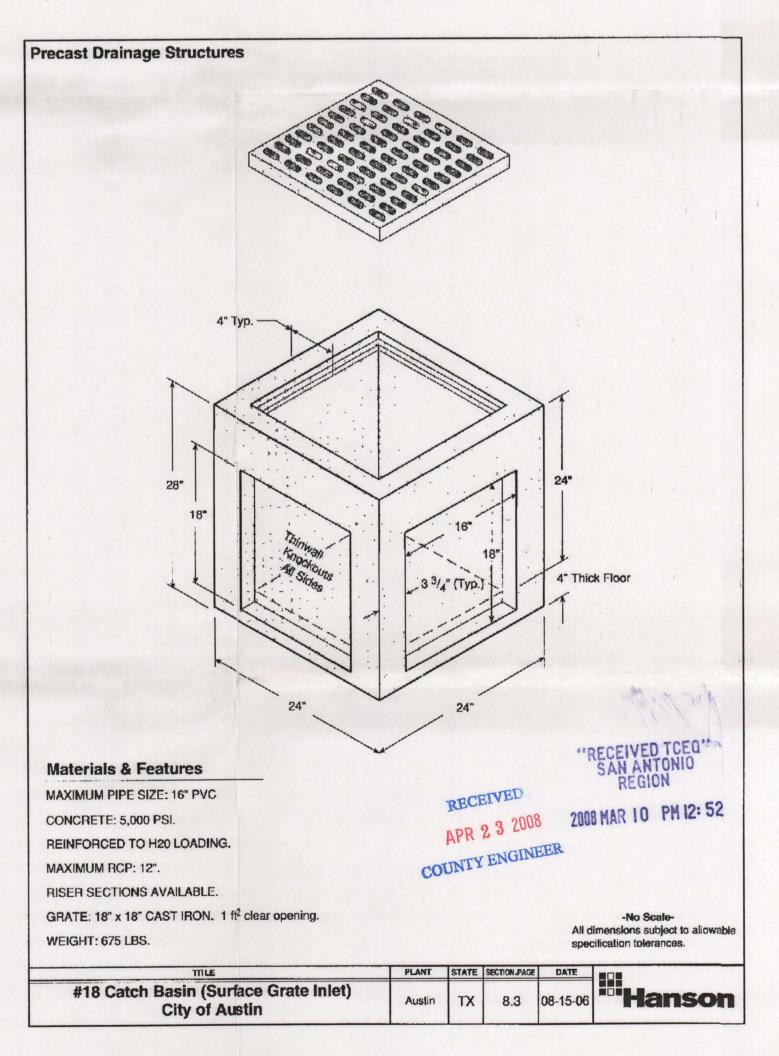
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410 N. SEGUIN STREET NEW BRAUNFELS, TX 78130-5085 PH: (830)625-8555 FAX: (830)625-8556 engr@hollmiginc.com



П 0 AIN

CONSTRUCTION DETAILS

Project No.: 0709024

Drwn. By: NVA

Chkd By: SAK

Date Issued: 12/19/2007

Revisions:



Texas Commission on Environmental Quality

Protecting Texas by Reducing and Preventing Pollution

March 11, 2008

Dr. Eric Miller Central Texas Pain Center 10411 Oak Forest Way New Braunfels, Texas 78130

Edwards Aquifer, Comal County

NAME OF PROJECT: Central Texas Pain Center; Located south of SH 46, at the southwest corner of Oakrum Parkway and Hunter Village; New Braunfels, Texas

TYPE OF PLAN: Request for Modification of a Water Pollution Abatement Plan (WFAP); 30

Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program ID No. 1964.04; Investigation No. 614363; Regulated Entity No. RN105390595 (A.K.A. Hunter's Creek Business Park, EAPP No. 1964.02; RN104590567)

Dear Dr. Miller:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the request for modification of the approved WPAP for the above-referenced project submitted to the San Antonio Regional Office by S. Craig Hollmig, Inc. on behalf of Central Texas Pain Center on January 4, 2008. Final review of the WPAP was completed after additional material was received on February 22, 2008. March 5, 2008, and March 10, 2008. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) and construction plans were prepared by a Texas Licensed Professional Engineer to be in general compliance with the requirements of 30 TAC Chapter 213. These planning materials were sealed, signed and dated by a Texas Licensed Professional Engineer. Therefore, based on the engineer's concurrence of compliance, the planning materials for construction of the proposed project and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this Edwards Aquifer Protection Plan. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. This approval expires two (2) years from the date of this letter unless, prior to the expiration date, more than 10 percent of the construction has commenced on the project or an extension of time has been requested.

BACKGROUND

By letter dated July 18, 2006, approval was granted for the construction of a 1.5 acre street, drainings, and water and wastewater utilities for 14 lots within the 22.38 acre Hunter's Business Park (EAPP No. 1964.02). As a term of approval, the development of these lots would be addressed with a separate WPAP. This modification is for development of the 0.8 acre Lot 7 within the Hunter's Creek Business Park.

PROJECT DESCRIPTION

The proposed commercial project will have an area of approximately 0.8 acres. It will include a new medical office building, associated parking and driveways. The impervious cover will be 0.40 acres

REPLY TO: REGION 13 • 14250 JUDSON RD. • SAN ANTONRO, TEXAS 78233-4460 • 210-490-8096 • FAX 210-545-4329

Dr. Eric Miller March 11, 2008 Page 2

(50%). Project wastewater will be disposed of by conveyance to the existing Gruene Wastewater Treatment Plant owned by the New Braunfels Utilities.

PERMANENT POLLUTION ABATEMENT MEASURES.

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potentially flowing across and off the site after construction, sedimentation/filtration basin designed using the TCEQ technical guidance document, Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices (2005) will be constructed to treat stormwater runoff. The required total suspended solids (TSS) treatment for this project is 359 pounds of TSS generated from the 0.8 acres of impervious cover. The approved measures meet the required 80 percent removal of the increased load in TSS caused by the project.

The following table provides a summary of the site's permanent pollution abatement measures.

Water-	Total	Imp.	Calc.	Calc.	Design	Calc.	Design	Target	Designed
shed &	Area	Cover	Run-	Min.	Capture	Min.	Filter	TSS	TSS
Basin	(acres)	(acres)	Off	Capture	Volume	Filter	Area	Removal	Removal
87			Depth (in)	Volume (ft³)	(ft³)	Area (ft²)	(ft²)	.(³⁵ /yz)	(¹⁰ / ₃₇)
A	0.79	0.39	1.60	1,949	2,024	162	295	350	359
Uncapt.B	0.0046	0.0046						4	
Uncapt.C	0.0054	0.0054						5	
. Total	0.80	0.40	****		·			359	359

The filtration system for the basin will consist of:

- 1. 295 ft² of sand, which is 18 inches thick.
- 2. an underdrain piping system covered with a 2 inch gravel layer and a geotextile membrane, and
- 3. an impervious clay liner.

GEOLOGY

The original geologic assessment from the original WPAP application, approved by letter dated July 18, 2006, was included with the application. One closed depression (S-7) was reported on southeast corner of Lot 7. It was assessed as not sensitive because it was described as an uprooted tree. The San Antonio Regional Office did not conduct a site assessment.

SPECIAL CONDITIONS

- I The holder of the approved Edwards Aquifer WPAP must comply with all provisions of 30 TAC Chapter 213 and all best management practices and measures contained in the application.
- II. This modification is subject to all Special and Standard Conditions listed in the WPAP approval letter dated July 18, 2006. (DATE)
- III. All permanent pollution abatement measures shall be operational prior to occupancy of the facility.
- IV. Intentional discharges of sediment laden storm water are not allowed. If dewatering becomes necessary, the discharge will be filtered through appropriately selected best management

Dr. Eric Miller March 11, 2008 Page 3

practices. These may include vegetated filter strips, sediment traps, rock berms, silt fence rings,

- V. All sediment and/or media removed from the water quality basin during maintenance activities shall be properly disposed of according to 30 TAC 330 or 30 TAC 335, as applicable.
- VI. In addition to the rules of the Commission, the applicant may also be required to comply with state and local ordinances and regulations providing for the protection of water quality.
- VII. For any future modification to this WPAP, including lot development, the owner/developer must submit a revised and updated overall site plan of the entire Hunter's Business Park to the San Antonio Regional Office of the TCEQ which includes the boundaries of each lot, and Edwards Aquifer Protection Program file number. The following information should be clearly labeled or drawn on the overall site plan: existing and proposed lot names and boundaries, Edwards Aquifer Protection Program file number, and existing and proposed permanent BMPs.

STANDARD CONDITIONS

Pursuant to Chapter 7 Subchapter C of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.

Prior to Commencement of Construction:

- 2. Within 60 days of receiving written approval of an Edwards Aquifer Protection Plan, the applicant must submit to the San Antonio Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.
- 3. All contractors conducting regulated activities at the referenced project location shall be provided a copy of this notice of approval. At least one complete copy of the approved WPAP and this notice of approval shall be maintained at the project location until all regulated activities are completed.
- 4. Modification to the activities described in the referenced WPAP application following the date of approval may require the submittal of a plan to modify this approval, including the payment of appropriate fees and all information necessary for its review and approval prior to initiating construction of the modifications.
- 5. The applicant must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the San Antonio Regional Office no later than 48 hours prior to commencement of the regulated activity. Written notification must include the date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
- 6. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved WPAP, must be installed prior to construction and maintained during construction. Temporary E&S controls may be removed

Dr. Eric Miller March 11, 2008 Page 4

when vegetation is established and the construction area is stabilized. If a water quality pond is proposed, it shall be used as a sedimentation basin during construction. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.

7. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

During Construction:

- 8. During the course of regulated activities related to this project, the applicant or agent shall comply with all applicable provisions of 30 TAC Chapter 213, Edwards Aquifer. The applicant shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity.
- 9. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the San Antonio Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.
- 10. Zero wells exist on site. All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.
- If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.
- 12. The following records shall be maintained and made available to the executive director upon request: the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.
- 13. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.

8:23

Dr. Eric Miller March 11, 2008 Page 5

After Completion of Construction:

- 14. A Texas Licensed Professional Engineer must certify in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the San Antonio Regional Office within 30 days of site completion.
- The applicant shall be responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. The regulated entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred. A copy of the transfer of responsibility must be filed with the executive director through San Antonio Regional Office within 30 days of the transfer. A copy of the transfer form (TCEQ-10263) is enclosed.
- 16. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.
- 17. An Edwards Aquifer protection plan approval or extension will expire and no extension will be granted if more than 50 percent of the total construction has not been completed within ten years from the initial approval of a plan. A new Edwards Aquifer protection plan must be submitted to the San Antonio Regional Office with the appropriate fees for review and approval by the executive director prior to commencing any additional regulated activities.
- 18. At project locations where construction is initiated and abandoned, or not completed, the site shall be returned to a condition such that the aquifer is protected from potential contamination.

If you have any questions or require additional information, please contact Javier Anguiano of the Edwards Aquifer Protection Program of the San Antonio Regional Office at (210) 403-4019.

Sincerely,

Glenn Shankle

Executive Director

Texas Commission on Ehvironmental Quality

GS/JA/eg

Enclosures:

Deed Recordation Affidavit, Form TCEQ-0625

Change in Responsibility for Maintenance of Permanent BMPs, Form TCEQ-10263

cc: S. Craig Hollmig, P.E., S. Craig Hollmig, Inc.

Mr. James Klein, P.E., City of New Braunfels

Mr. Tom Hornseth, P.E., Comal County

Ms. Velma Reyes Danielson, Edwards Aguifer Authority

TCEO Central Records, MC 212