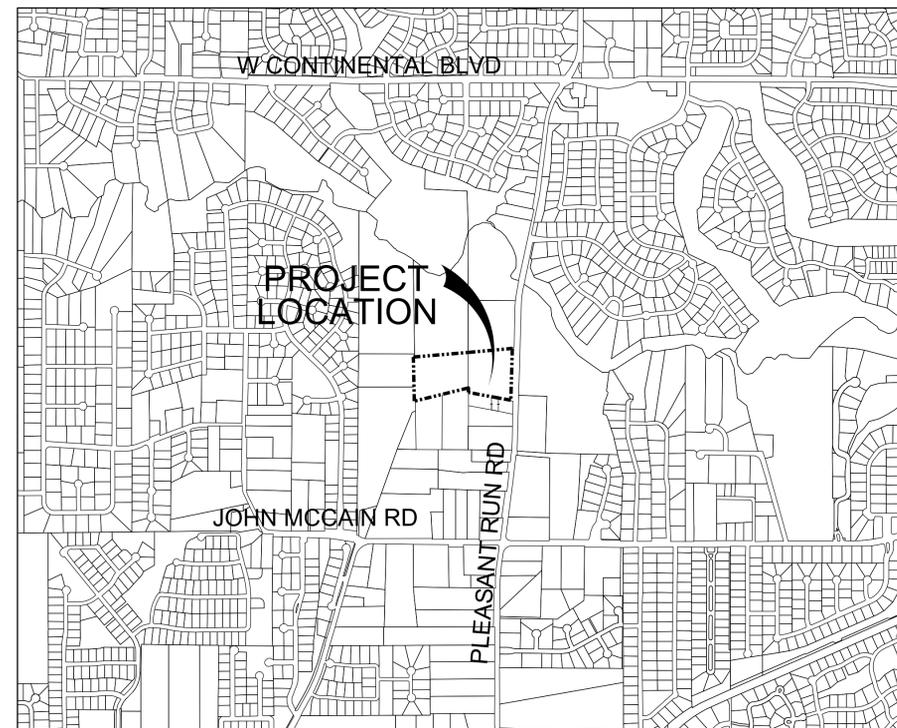


# THE CITY OF COLLEYVILLE, TEXAS GAS WELL PERMIT FOR TCC UNIT



LOCATION MAP



JANUARY 2010

**TCC PAD  
SITE**

CITY OF COLLEYVILLE, TEXAS



111 W. 4TH ST, SUITE 300  
FORT WORTH, TEXAS 76102  
PHONE: 817-698-8000

**PELTON**  
LAND SOLUTIONS

5751 KROGER DRIVE  
SUITE 185  
KELLER, TX 76244  
PHONE: 817-562-3350

PROPERTY OWNER/MINERAL OWNER:

TRINITY CHRISTIAN CENTER  
OF SANTA ANA INC.  
2442 MICHELLE DRIVE  
TUSTIN, CALIFORNIA 92780

PROJECT NO.:	10-TTN016
FILE PATH:	G:\JOB\10-TTN016-TBN\PETRO
DRAWN BY:	TCG
REVIEWED BY:	AAH
DATE:	JULY 16, 2010
REV:	JANUARY 4, 2011



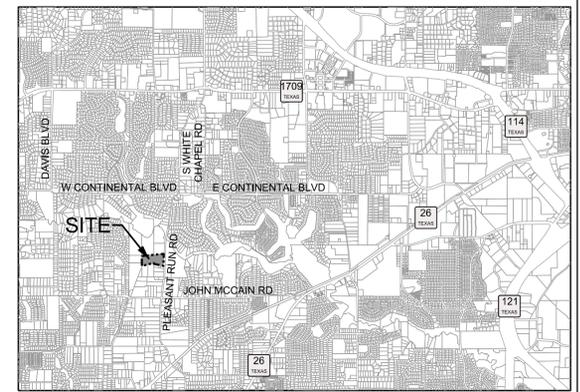
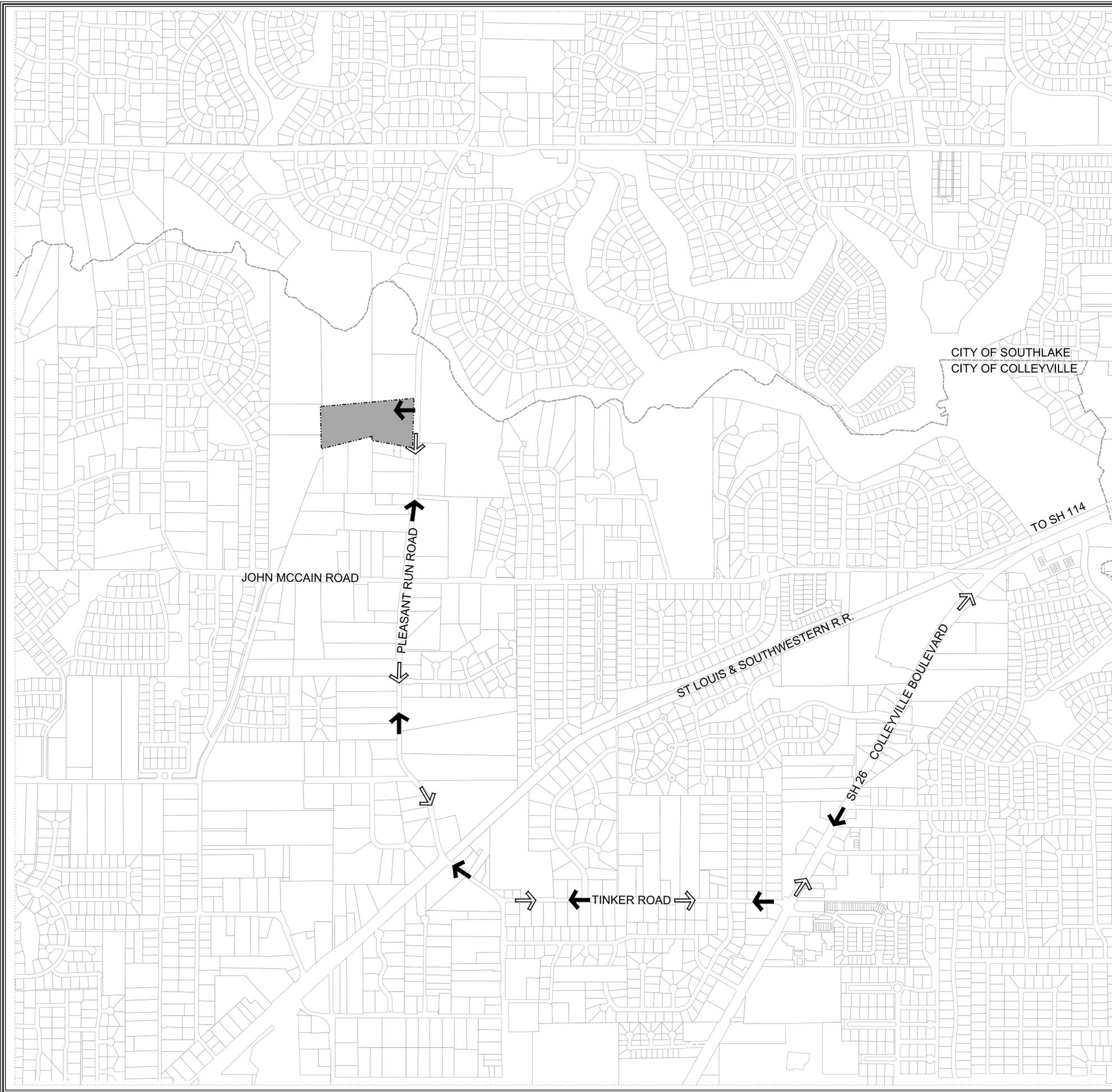
NORTH

LEGEND

SHEET CONTENT

COVER SHEET

SHEET NO. 1 OF 12



VICINITY MAP  
NOT TO SCALE

NOTES:

1. DRILLING AND COMPLETION ACTIVITIES WILL COMPLY WITH THE CITY OF COLLEYVILLE ZONING ORDINANCE.
2. THE PROPOSED GAS DEVELOPMENT WILL COMPLY WITH ALL STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.
3. WATER FOR DRILLING AND COMPLETION OPERATIONS WILL BE FROM THE PROPOSED FRAC POND AS SHOWN. WATER WILL BE SUPPLIED TO THE POND THROUGH A METERED SERVICE FROM THE CITY AND/OR A WATER WELL.
4. ROUTE MILEAGE:
 

PLEASANT RUN ROAD:	5864.77'
TINKER ROAD:	4426.05'
S.H. 26:	6541.14'
TOTAL:	16831.96'

LEGAL DESCRIPTION:

TRACT 1  
BEING ALL OF LOT 1, BLOCK 1, PARK PLACE ESTATES, AS RECORDED IN VOLUME 388-176, PAGE 14, PLAT RECORDS, TARRANT COUNTY, TEXAS AND BEING 275.081 SQUARE FEET, OR 6.315 ACRES OF LAND MORE OR LESS.

TRACT 2  
BEING A TRACT OF LNAD SITUATED IN THE W.E. CROOKS SURVEY, ABSTRACT NUMBER 295, TARRANT COUNTY, TEXAS, AND BEING A PORTION OF THAT CERTAIN TRACT OF LAND DESCRIBED BY DEED TO TRINITY CHRISTIAN CENTER OF SANTA ANA, INC., AS RECORDED IN VOLUME 9325, PAGE 1004, COUNTY RECORDS, TARRANT COUNTY, TEXAS AND BEING MORE PARTICULARLY DESCRIBED BY THE METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A 3/8 INCH IRON ROD FOUND AT THE NORTHWEST CORNER OD SAID TRINITY CHRISTIAN CENTER TRACT;  
 THENCE N 84 DEG. 38 MIN. 58 SEC. E, 651.64 FEET;  
 THENCE S 00 DEG. 43 MIN. 21 SEC. E, 416.52 FEET;  
 THENCE S 75 DEG. 43 MIN. 33 SEC. W, 657.74 FEET;  
 THENCE N 01 DEG. 50 MIN. 17 SEC. W, 518.16 FEET TO THE POINT OF BEGINNING, AND CONTAINING 301,676 SQUARE FEET, OR 6.926 ACRES OF LAND MORE OR LESS.  
 TOTAL AREA=TRACT 1 AND TRACT 2: 13.241 ACRES OF LAND MORE OR LESS.

TCC PAD SITE

CITY OF COLLEYVILLE, TEXAS



111 W. 4TH ST, SUITE 300  
FORT WORTH, TEXAS 76102  
PHONE: 817-698-8000

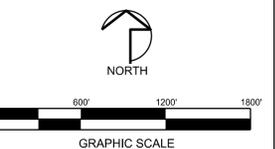


5751 KROGER DRIVE  
SUITE 185  
KELLER, TX 76244  
PHONE: 817-562-3350

PROPERTY OWNER/MINERAL OWNER:

TRINITY CHRISTIAN CENTER  
OF SANTA ANA INC.  
2442 MICHELLE DRIVE  
TUSTIN, CALIFORNIA 92780

PROJECT NO.:	10-TTN016
FILE PATH:	G:\JOB\10-TTN016-TBN\PETRO
DRAWN BY:	TCG
REVIEWED BY:	AAH
DATE:	JULY 16, 2010
REV:	JANUARY 4, 2011



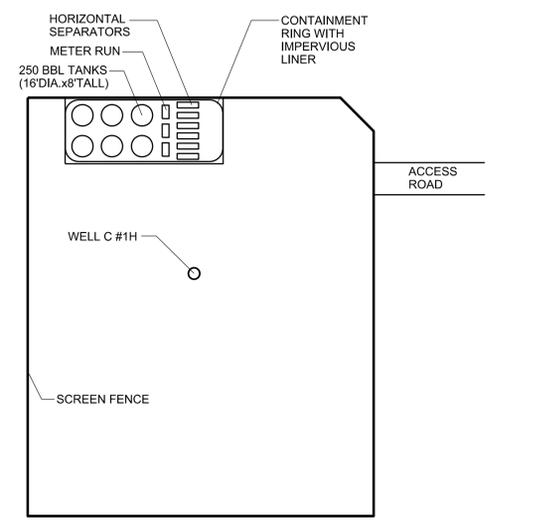
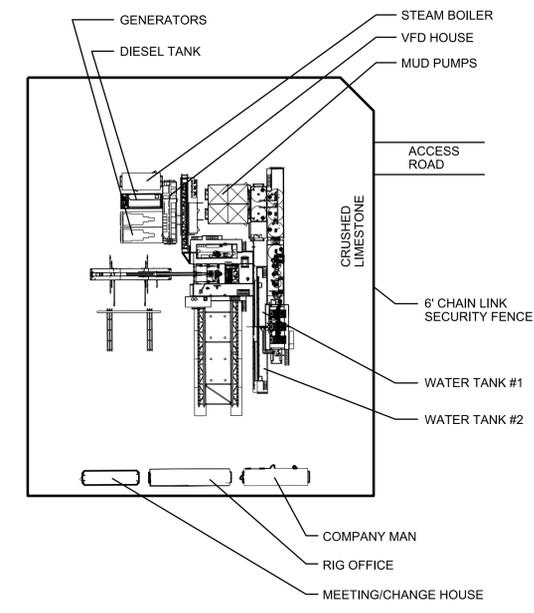
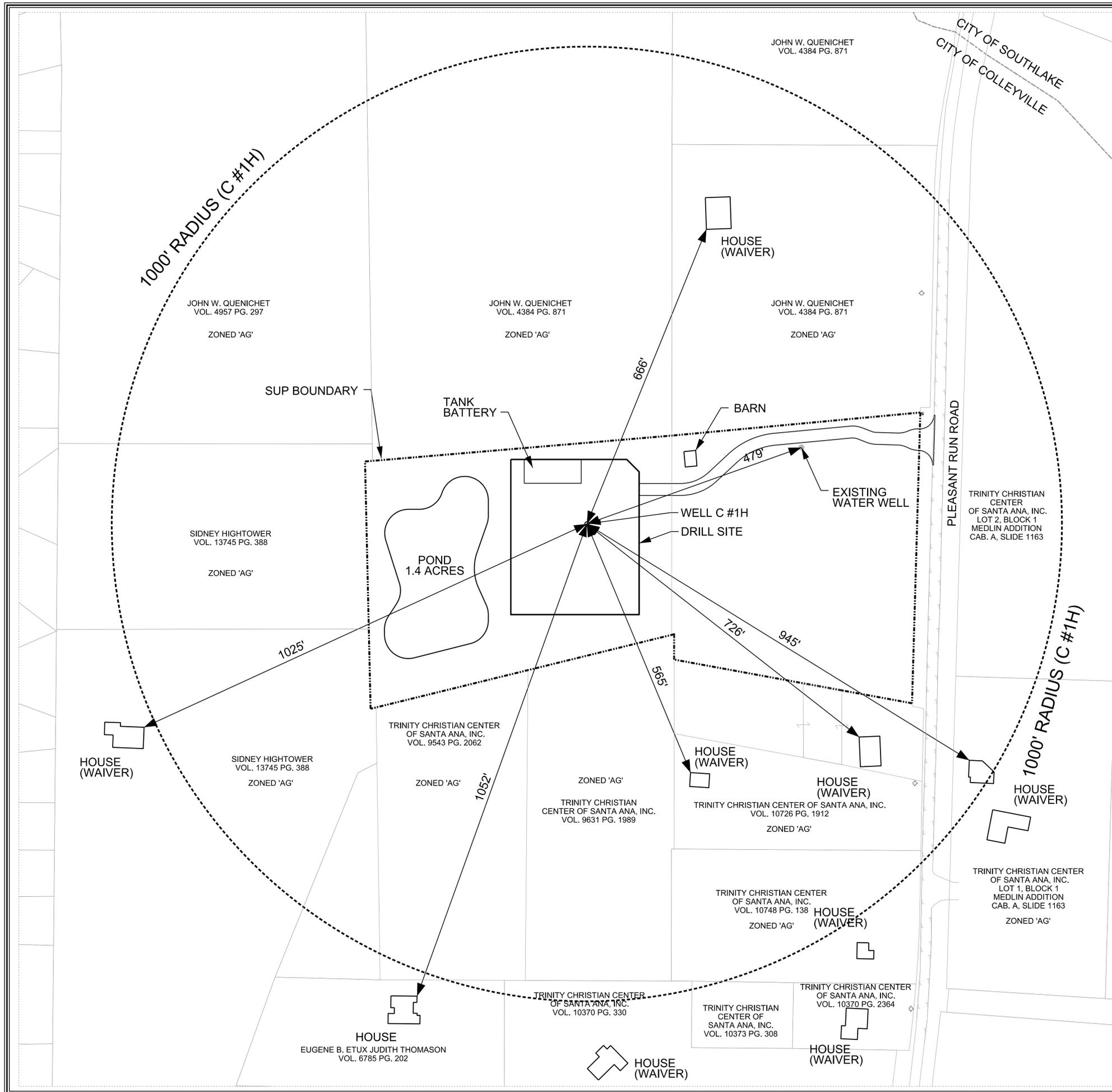
LEGEND

- SUP BOUNDARY
- ← SITE ACCESS / ROUTING-ENTERING
- ↔ SITE ACCESS / ROUTING-EXITING

SHEET CONTENT

DRILLING PERMIT TRANSPORTATION ROUTE

TRINITY C UNIT NO. 1H  
13,241 ACRES OUT OF THE  
W.E. CROOKS SURVEY,  
ABSTRACT NUMBER 295,  
CITY OF COLLEYVILLE,  
TARRANT COUNTY, TEXAS  
JULY 2010



OPERATION SITE (TYP)  
SCALE: N.T.S.

# TCC PAD SITE

CITY OF COLLEYVILLE, TEXAS



111 W. 4TH ST, SUITE 300  
FORT WORTH, TEXAS 76102  
PHONE: 817-698-8000

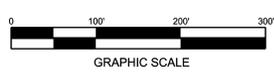
## PELTON LAND SOLUTIONS

5751 KROGER DRIVE  
SUITE 185  
KELLER, TX 76244  
PHONE: 817-562-3350

### PROPERTY OWNER/MINERAL OWNER:

TRINITY CHRISTIAN CENTER  
OF SANTA ANA INC.  
2442 MICHELLE DRIVE  
TUSTIN, CALIFORNIA 92780

PROJECT NO.:	10-TTN016
FILE PATH:	G:\JOB\10-TTN016-TBN\PETRO
DRAWN BY:	TCG
REVIEWED BY:	AAH
DATE:	JULY 16, 2010
REV:	JANUARY 4, 2011



### SHEET CONTENT

## DRILLING PERMIT SITE PLAN 'A'

TRINITY C UNIT NO. 1H  
13,241 ACRES OUT OF THE  
W.E. CROOKS SURVEY,  
ABSTRACT NUMBER 295,  
CITY OF COLLEYVILLE,  
TARRANT COUNTY, TEXAS  
JULY 2010

# TCC PAD SITE

CITY OF COLLEYVILLE, TEXAS



111 W. 4TH ST, SUITE 300  
FORT WORTH, TEXAS 76102  
PHONE: 817-698-8000



5751 KROGER DRIVE  
SUITE 185  
KELLER, TX 76244  
PHONE: 817-562-3350

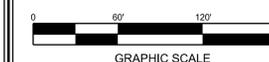
PROPERTY OWNER/MINERAL OWNER:

TRINITY CHRISTIAN CENTER  
OF SANTA ANA, INC.  
LOT 2, BLOCK 1  
MEDLIN ADDITION  
CAB. A, SLIDE 1163

PROJECT NO.:	10-TTN016
FILE PATH:	G:\JOB\10-TTN016-TBN\PETRO
DRAWN BY:	TCG
REVIEWED BY:	AAH
DATE:	JULY 16, 2010
REV:	JANUARY 4, 2011



NORTH

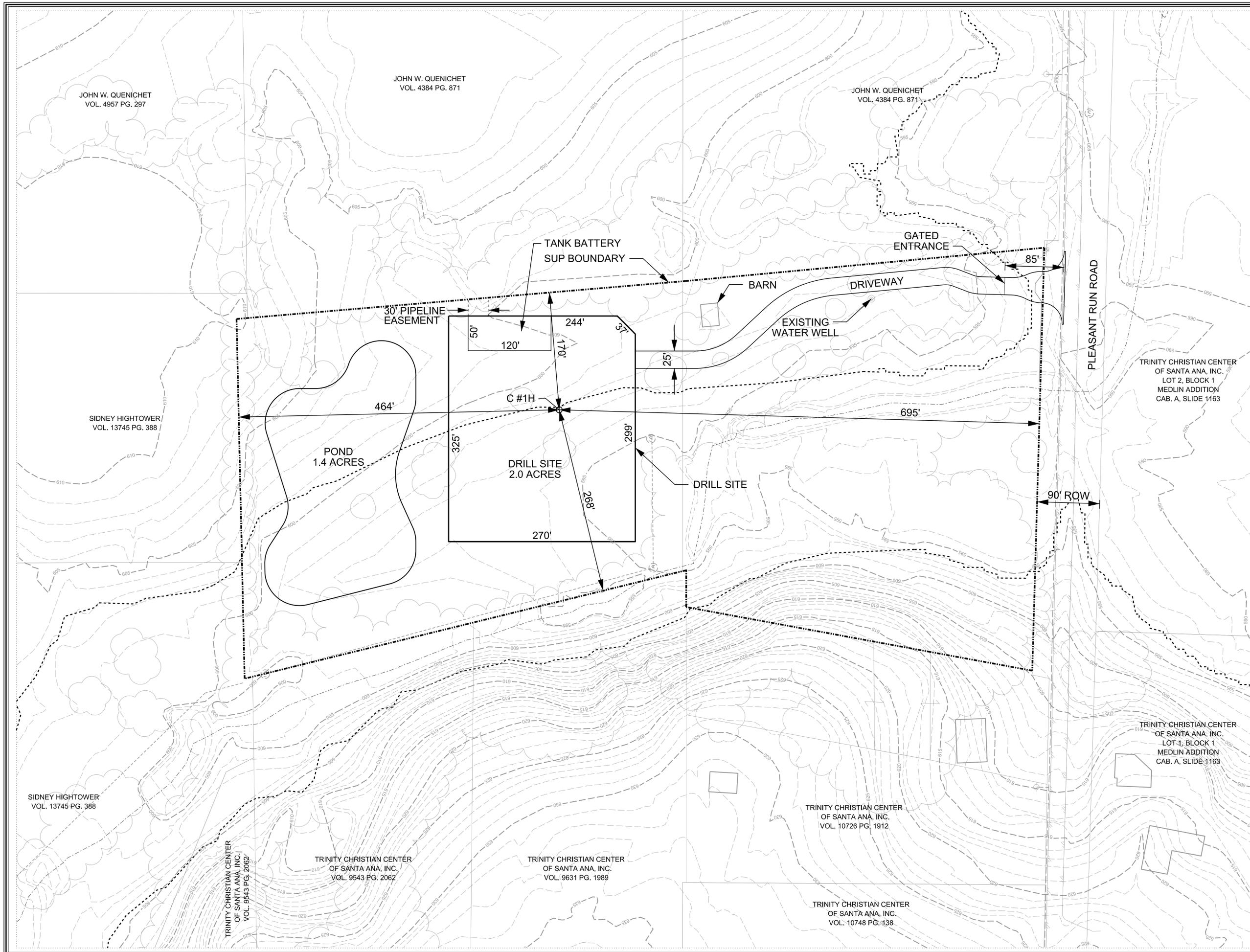


SHEET CONTENT

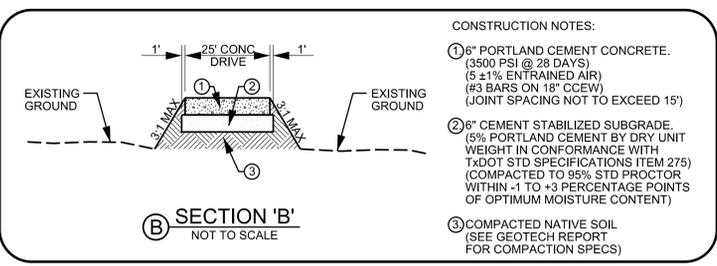
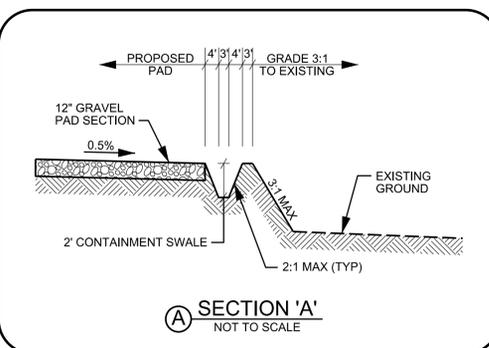
## DRILLING PERMIT SITE PLAN 'B'

TRINITY C UNIT NO. 1H  
13,241 ACRES OUT OF THE  
W.E. CROOKS SURVEY,  
ABSTRACT NUMBER 295,  
CITY OF COLLEYVILLE,  
TARRANT COUNTY, TEXAS  
JULY 2010

SHEET NO. 4 OF 12



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**CONSTRUCTION NOTES:**

- 1" 6" PORTLAND CEMENT CONCRETE. (3500 PSI @ 28 DAYS) (5 ±1% ENTRAINED AIR) (83 BARS ON 18" C/C/W) (JOINT SPACING NOT TO EXCEED 15')
- 2" 6" CEMENT STABILIZED SUBGRADE. (5% PORTLAND CEMENT BY DRY UNIT WEIGHT IN CONFORMANCE WITH TxDOT STD SPECIFICATIONS ITEM 275) (COMPACTED TO 95% STD PROCTOR WITHIN -1 TO +3 PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT)
- 3" COMPACTED NATIVE SOIL (SEE GEOTECH REPORT FOR COMPACTION SPECS)



# TCC PAD SITE

CITY OF COLLEYVILLE, TEXAS

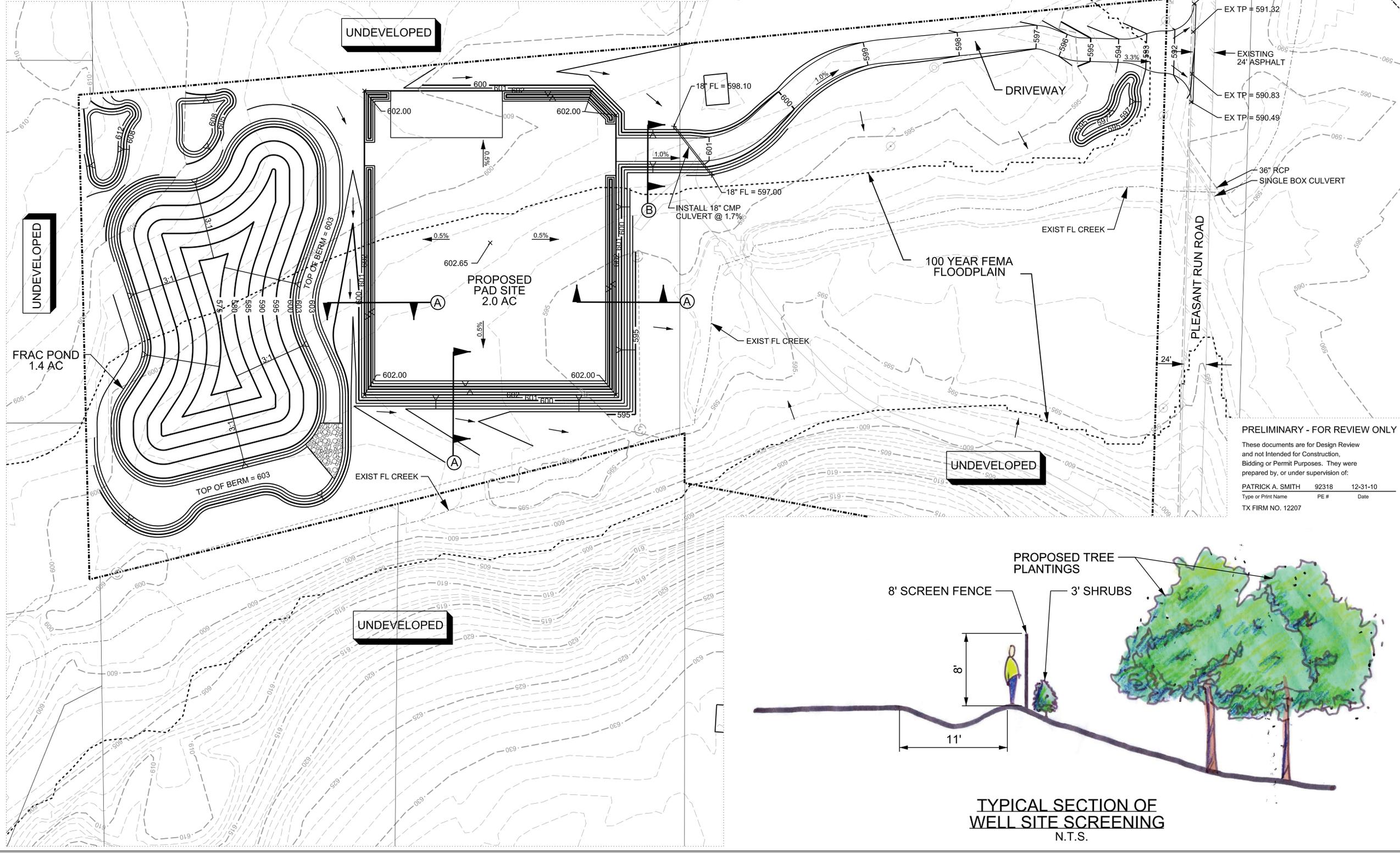


111 W. 4TH ST, SUITE 300  
FORT WORTH, TEXAS 76102  
PHONE: 817-698-8000

**PELTON**  
LAND SOLUTIONS  
5751 KROGER DRIVE  
SUITE 185  
KELLER, TX 76244  
PHONE: 817-562-3350

PROPERTY OWNER/MINERAL OWNER:  
  
TRINITY CHRISTIAN CENTER  
OF SANTA ANA INC.  
2442 MICHELLE DRIVE  
TUSTIN, CALIFORNIA 92780

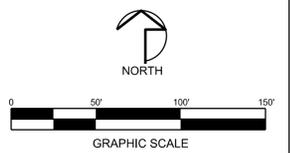
PROJECT NO.:	10-TTN016
FILE PATH:	G:\JOB\10-TTN016-TBN\PETRO
DRAWN BY:	TCG
REVIEWED BY:	AAH
DATE:	JULY 16, 2010
REV:	SEPTEMBER 13, 2010
REV:	JANUARY 4, 2011



PRELIMINARY - FOR REVIEW ONLY

These documents are for Design Review and not intended for Construction, Bidding or Permit Purposes. They were prepared by, or under supervision of:

PATRICK A. SMITH 92318 12-31-10  
Type or Print Name PE # Date  
TX FIRM NO. 12207



**LEGEND**

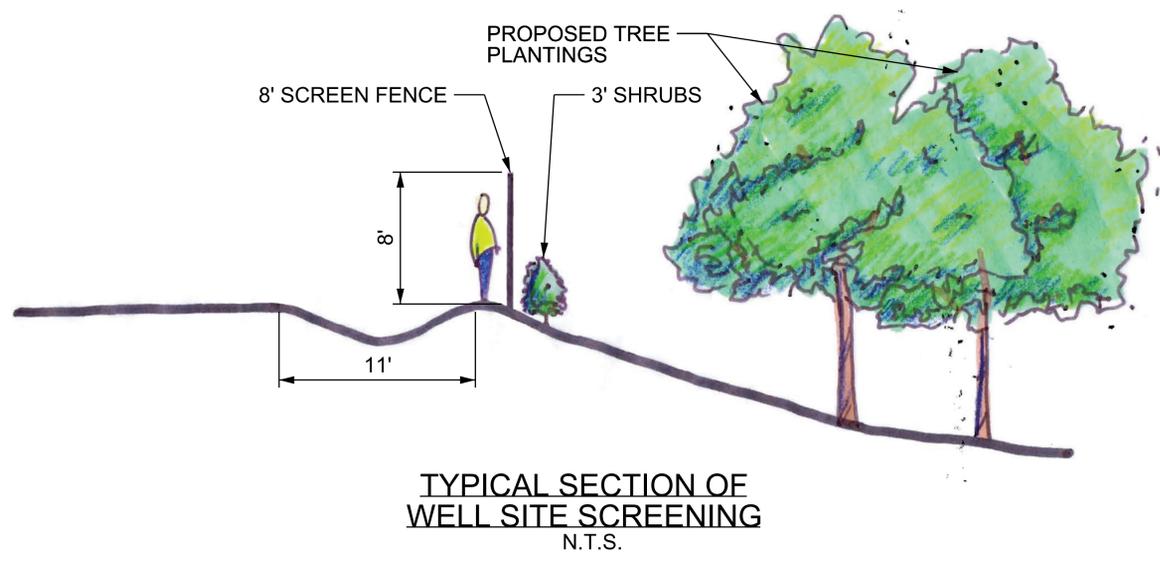
- EXISTING TOPO
- PROPOSED TOPO
- SCARP AREA
- FLOW DIRECTION
- SPOT GRADE
- RIDGE LINE OR GRADE BREAK

SHEET CONTENT

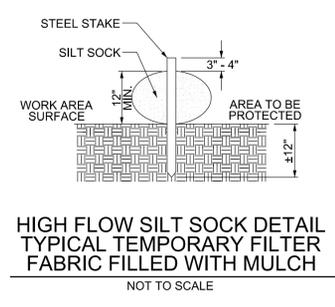
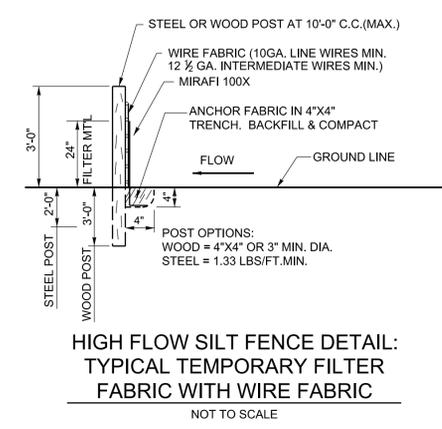
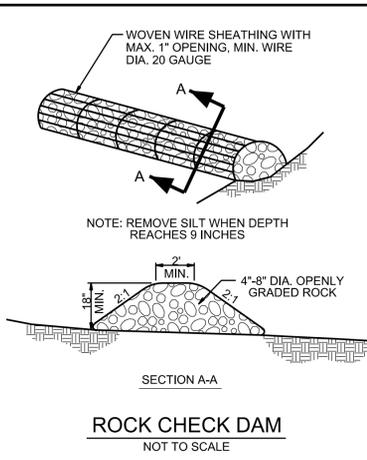
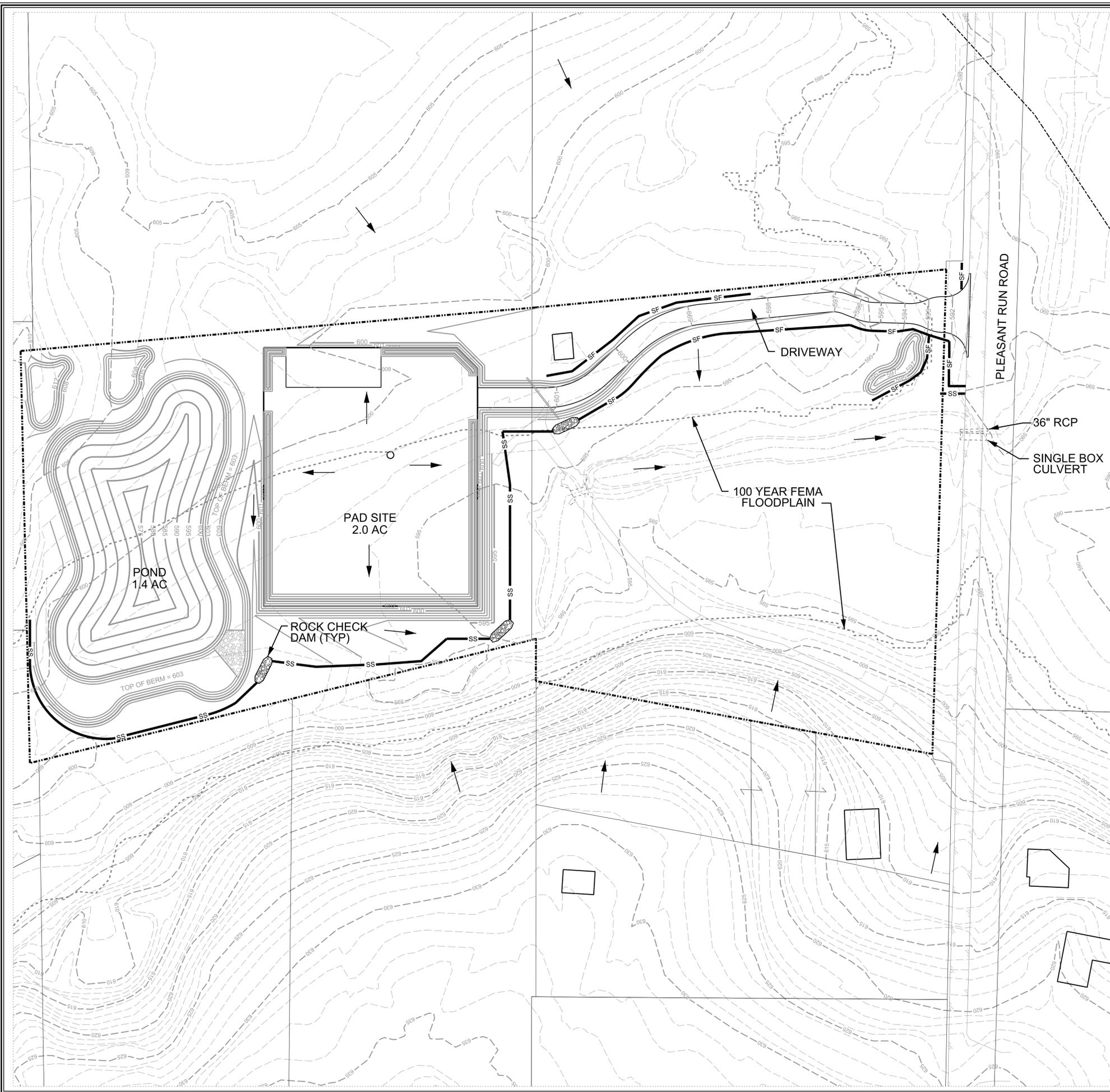
## DRILLING PERMIT GRADING PLAN

TRINITY C UNIT NO. 1H  
13,241 ACRES OUT OF THE  
W.E. CROOKS SURVEY,  
ABSTRACT NUMBER 295,  
CITY OF COLLEYVILLE,  
TARRANT COUNTY, TEXAS  
JULY 2010

SHEET NO. 5 OF 12



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# TCC PAD SITE

CITY OF COLLEYVILLE, TEXAS



111 W. 4TH ST, SUITE 300  
FORT WORTH, TEXAS 76102  
PHONE: 817-698-8000

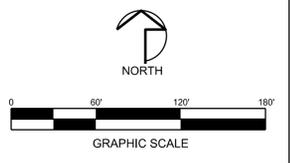
## PELTON LAND SOLUTIONS

5751 KROGER DRIVE  
SUITE 185  
KELLER, TX 76244  
PHONE: 817-562-3350

### PROPERTY OWNER/MINERAL OWNER:

TRINITY CHRISTIAN CENTER  
OF SANTA ANA INC.  
2442 MICHELLE DRIVE  
TUSTIN, CALIFORNIA 92780

PROJECT NO.:	10-TTN016
FILE PATH:	G:\JOB\10-TTN016-TBNI PETRO
DRAWN BY:	TCG
REVIEWED BY:	AAH
DATE:	JULY 16, 2010
REV:	SEPTEMBER 13, 2010
REV:	JANUARY 4, 2011



### LEGEND

- SUP BOUNDARY
- CONSTRUCTION ENTRANCE
- ROCK CHECK DAM
- SURFACE FLOW ARROW
- SEDIMENT BARRIER (12" SILT SOCK)
- SILT FENCE

### SHEET CONTENT

## DRILLING PERMIT EROSION CONTROL PLAN

TRINITY C UNIT NO. 1H  
13.241 ACRES OUT OF THE  
W.E. CROOKS SURVEY,  
ABSTRACT NUMBER 295,  
CITY OF COLLEYVILLE,  
TARRANT COUNTY, TEXAS  
JULY 2010

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PATRICK A. SMITH 92318 12-31-10  
Type or Print Name PE # Date  
TX FIRM NO. 12207

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CURVE DATA				
NO	DELTA	RADIUS	TANGENT	LENGTH
C1	19°16'56"	42.50'	7.22'	14.30'
C2	26°23'07"	42.50'	9.96'	19.57'
C3	37°20'15"	150.00'	50.68'	97.75'
C4	42°42'56"	100.00'	39.10'	74.55'

- GENERAL NOTES:
- ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH THE CITY OF COLLEYVILLE LAND DEVELOPMENT CODE.
  - ALL DISTURBED AREAS WITHIN THE CITY RIGHT OF WAY MUST BE RE-SEEDED AND VEGETATION RE-ESTABLISHED.
  - REFER TO DRILLING PERMIT GRADING PLAN FOR PROPOSED DESIGN GRADES OF ACCESS ROAD.

# TCC PAD SITE

CITY OF COLLEYVILLE, TEXAS



111 W. 4TH ST, SUITE 300  
FORT WORTH, TEXAS 76102  
PHONE: 817-698-8000

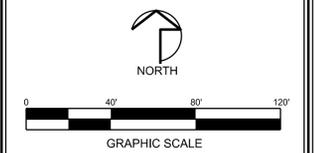


5751 KROGER DRIVE  
SUITE 185  
KELLER, TX 76244  
PHONE: 817-562-3350

PROPERTY OWNER/MINERAL OWNER:

TRINITY CHRISTIAN CENTER  
OF SANTA ANA INC.  
2442 MICHELLE DRIVE  
TUSTIN, CALIFORNIA 92780

PROJECT NO.: 10-TTN016  
FILE PATH: G:\JOB\10-TTN016-TBNI PETRO  
DRAWN BY: TCG  
REVIEWED BY: AAH  
DATE: JULY 16, 2010  
REV: JANUARY 4, 2011



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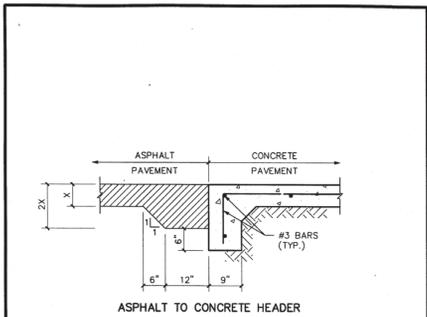
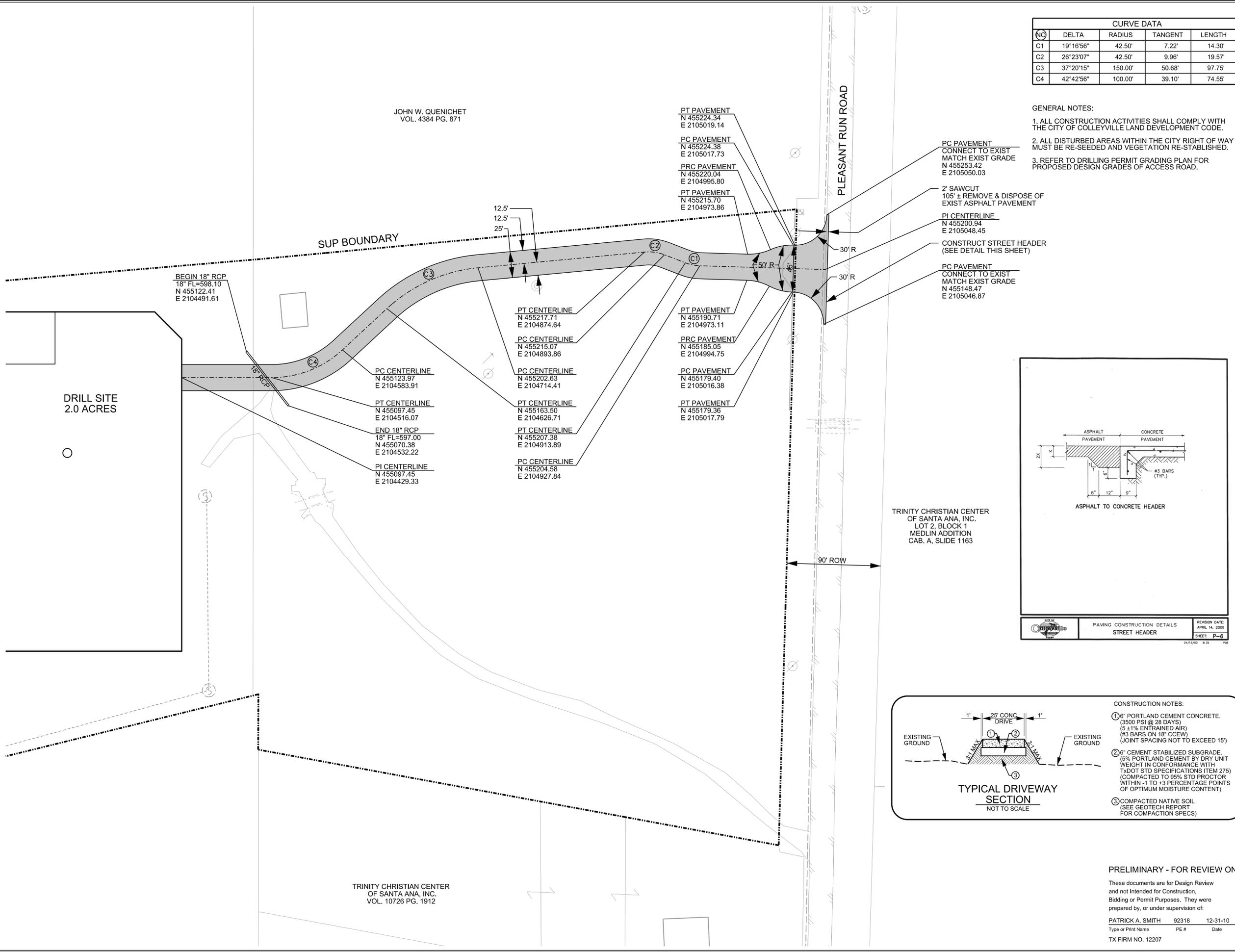
PROPOSED ACCESS ROAD

SHEET CONTENT

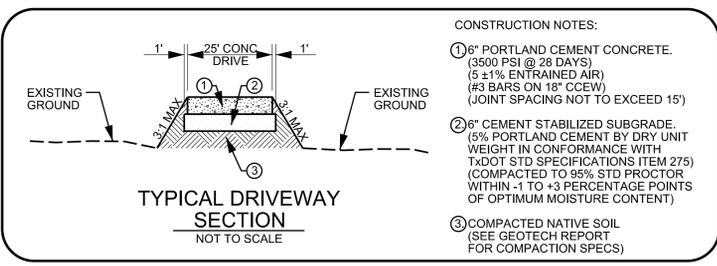
## DRILLING PERMIT DRIVEWAY ALIGNMENT

TRINITY C UNIT NO. 1H  
13.241 ACRES OUT OF THE  
W.E. CROOKS SURVEY,  
ABSTRACT NUMBER 295,  
CITY OF COLLEYVILLE,  
TARRANT COUNTY, TEXAS  
JULY 2010

SHEET NO. 7 OF 12



PAVING CONSTRUCTION DETAILS  
STREET HEADER  
REVISION DATE: APRIL 14, 2000  
SHEET: P-6



- CONSTRUCTION NOTES:
- 6" PORTLAND CEMENT CONCRETE. (3500 PSI @ 28 DAYS) (5 ±1% ENTRAINED AIR) (#3 BARS ON 18" OCEW) (JOINT SPACING NOT TO EXCEED 15')
  - 6" CEMENT STABILIZED SUBGRADE. (5% PORTLAND CEMENT BY DRY UNIT WEIGHT IN CONFORMANCE WITH TXDOT STD SPECIFICATIONS ITEM 275) (COMPACTED TO 95% STD PROCTOR WITHIN -1 TO +3 PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT)
  - COMPACTED NATIVE SOIL (SEE GEOTECH REPORT FOR COMPACTION SPECS)

PRELIMINARY - FOR REVIEW ONLY

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PATRICK A. SMITH 92318 12-31-10  
Type or Print Name PE # Date  
TX FIRM NO. 12207

DRILL SITE  
2.0 ACRES

JOHN W. QUENICHET  
VOL. 4384 PG. 871

TRINITY CHRISTIAN CENTER  
OF SANTA ANA, INC.  
VOL. 10726 PG. 1912



# TCC PAD SITE

CITY OF COLLEYVILLE, TEXAS



111 W. 4TH ST, SUITE 300  
FORT WORTH, TEXAS 76102  
PHONE: 817-698-8000



5751 KROGER DRIVE  
SUITE 185  
KELLER, TX 76244  
PHONE: 817-562-3350

PROPERTY OWNER/MINERAL OWNER:

TRINITY CHRISTIAN CENTER  
OF SANTA ANA INC.  
2442 MICHELLE DRIVE  
TUSTIN, CALIFORNIA 92780

PROJECT NO.:	10-TTN016
FILE PATH:	G:\JOB\10-TTN016-TBNI-PETRO
DRAWN BY:	TCG
REVIEWED BY:	AAH
DATE:	JULY 16, 2010
REV:	JANUARY 4, 2011



NORTH



## LEGEND

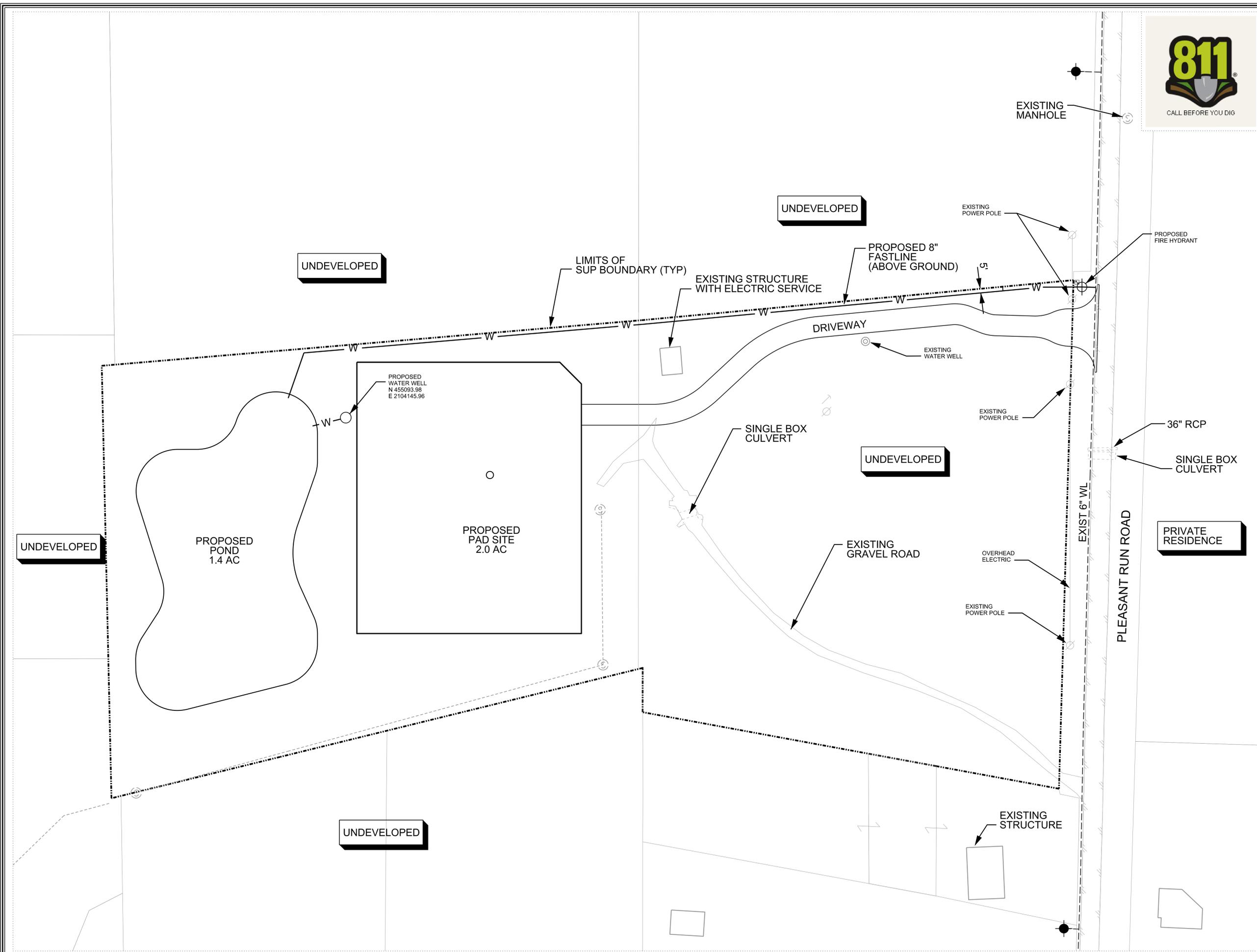
- - - - - EXISTING 6" WATERLINE
- W- PROPOSED WATER LINE ROUTE
- EXISTING FIRE HYDRANT
- ⊕ PROPOSED FIRE HYDRANT
- PROPOSED WATER WELL

SHEET CONTENT

## DRILLING PERMIT UTILITY PLAN

TRINITY C UNIT NO. 1H  
13,241 ACRES OUT OF THE  
W.E. CROOKS SURVEY,  
ABSTRACT NUMBER 295,  
CITY OF COLLEYVILLE,  
TARRANT COUNTY, TEXAS  
JULY 2010

SHEET NO. 8 OF 12





CALL BEFORE YOU DIG

JOHN W. QUENICHET  
VOL. 4384 PG. 871

CONNECT TO  
EXIST 6" WATER  
N 455250.02  
E 2105047.93

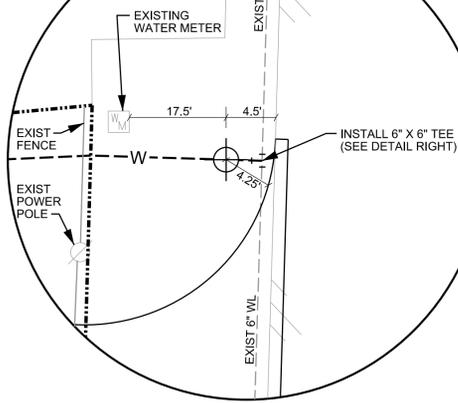
INSTALL FIRE  
HYDRANT ASSEMBLY  
N 455250.10  
E 2105045.43

SUP BOUNDARY

DRIVEWAY

EXISTING  
WATER WELL

DRILL SITE  
2.0 ACRES



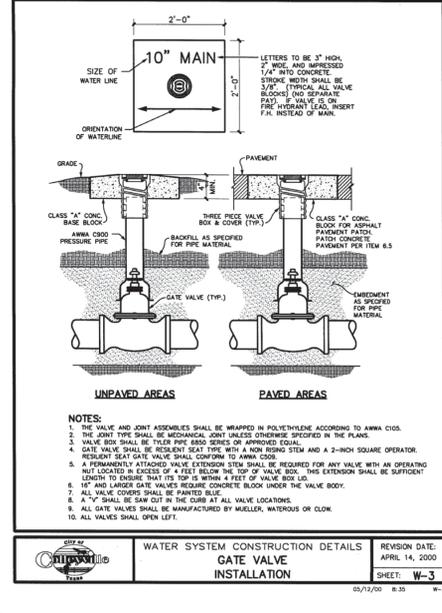
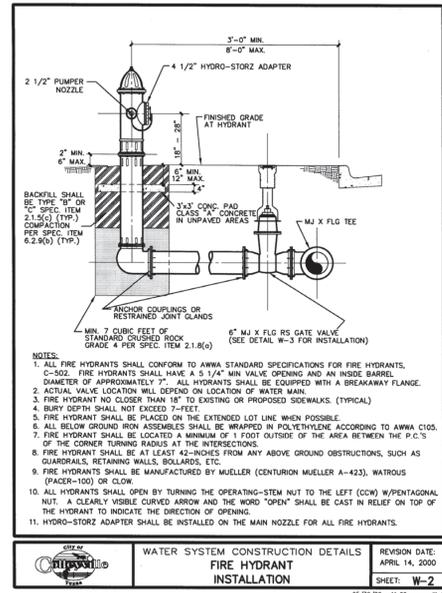
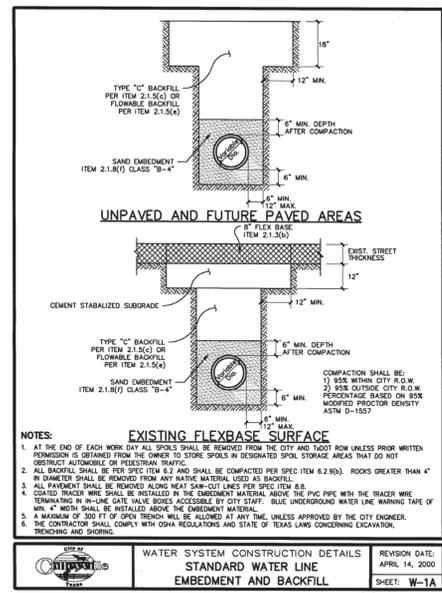
INSET  
NTS

TRINITY CHRISTIAN CENTER  
OF SANTA ANA, INC.  
VOL. 10726 PG. 1912

PRELIMINARY - FOR REVIEW ONLY

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PATRICK A. SMITH 92318 12-31-10  
Type or Print Name PE # Date  
TX FIRM NO. 12207



# TCC PAD SITE

CITY OF COLLEYVILLE, TEXAS



111 W. 4TH ST, SUITE 300  
FORT WORTH, TEXAS 76102  
PHONE: 817-698-8000



5751 KROGER DRIVE  
SUITE 185  
KELLER, TX 76244  
PHONE: 817-562-3350

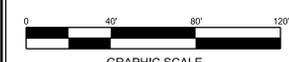
PROPERTY OWNER/MINERAL OWNER:

TRINITY CHRISTIAN CENTER  
OF SANTA ANA INC.  
2442 MICHELLE DRIVE  
TUSTIN, CALIFORNIA 92780

PROJECT NO.: 10-TTN016  
FILE PATH: G:\JOB\10-TTN016-TBNI-PETRO  
DRAWN BY: TCG  
REVIEWED BY: AAH  
DATE: JULY 16, 2010  
REV: JANUARY 4, 2011



NORTH



## LEGEND

- EXISTING 6" WATERLINE
- W- PROPOSED WATER LINE ROUTE
- EXISTING FIRE HYDRANT
- ⊕ PROPOSED FIRE HYDRANT
- PROPOSED WATER WELL

SHEET CONTENT

## DRILLING PERMIT WATER PLAN

TRINITY C UNIT NO. 1H  
13,241 ACRES OUT OF THE  
W.E. CROOKS SURVEY,  
ABSTRACT NUMBER 295,  
CITY OF COLLEYVILLE,  
TARRANT COUNTY, TEXAS  
JULY 2010

SHEET NO. 9 OF 12

# TCC PAD SITE

CITY OF COLLEYVILLE, TEXAS



111 W. 4TH ST, SUITE 300  
FORT WORTH, TEXAS 76102  
PHONE: 817-698-8000



5751 KROGER DRIVE  
SUITE 185  
KELLER, TX 76244  
PHONE: 817-562-3350

PROPERTY OWNER/MINERAL OWNER:

TRINITY CHRISTIAN CENTER  
OF SANTA ANA INC.  
2442 MICHELLE DRIVE  
TUSTIN, CALIFORNIA 92780

PROJECT NO.: 10-TTN016  
FILE PATH: G:\JOB\10-TTN016-TBN\PETRO  
DRAWN BY: TCG  
REVIEWED BY: AAH  
DATE: JULY 16, 2010  
REV: JANUARY 4, 2011



NORTH



## LEGEND

- SUP BOUNDARY
- ⊕ PROTECTED TREE TO BE PRESERVED
- ⊕ PROTECTED TREE TO BE REMOVED
- ⊕ EXISTING TREE CANOPY
- SCREEN WALL
- HYDROMULCH LIMITS

SHEET CONTENT

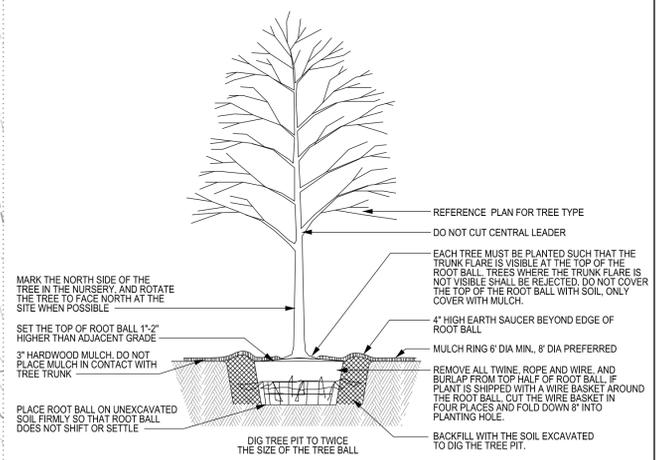
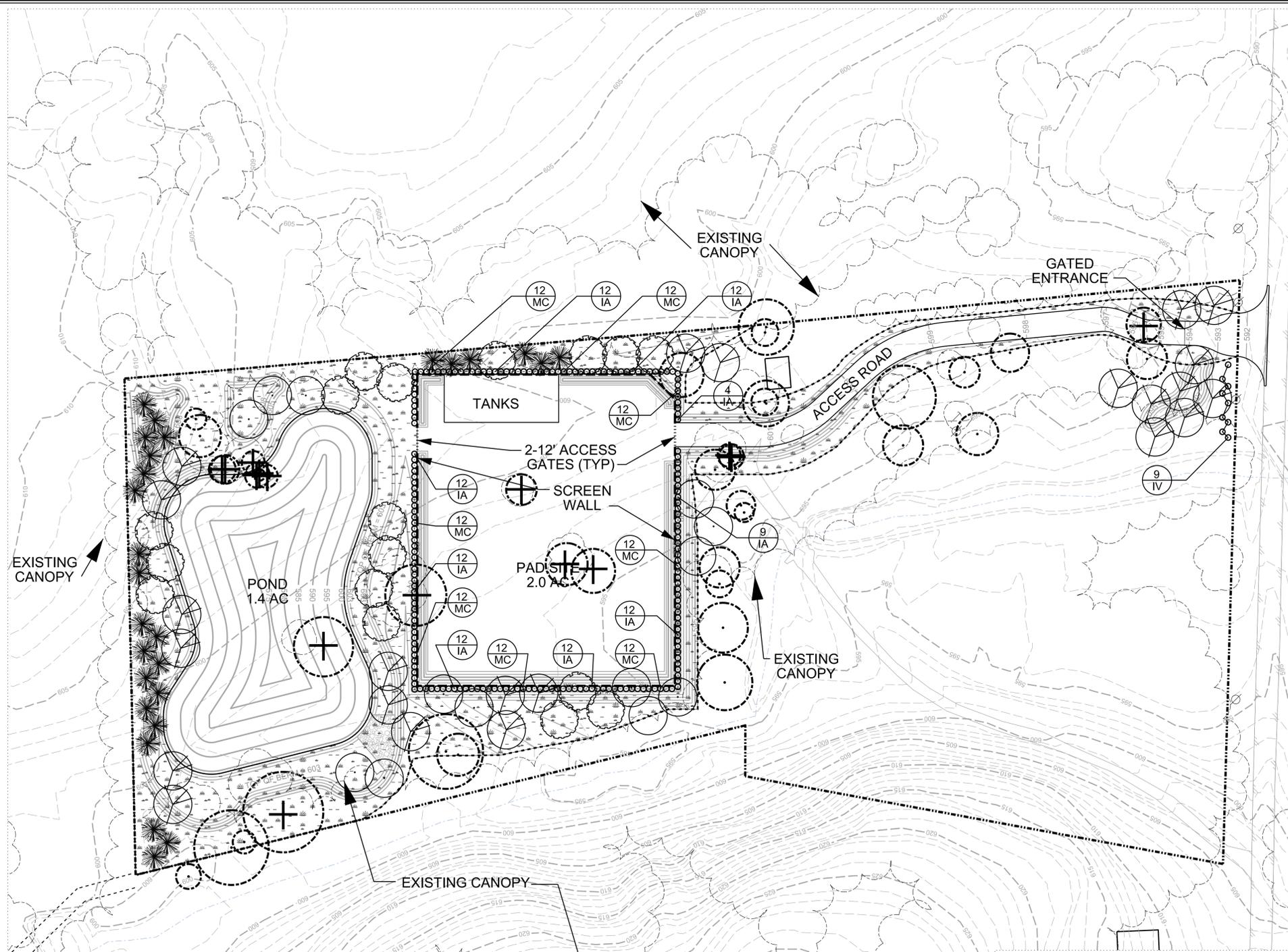
## DRILLING PERMIT LANDSCAPE PLAN

TRINITY C UNIT NO. 1H  
13,241 ACRES OUT OF THE  
W.E. CROOKS SURVEY,  
ABSTRACT NUMBER 295,  
CITY OF COLLEYVILLE,  
TARRANT COUNTY, TEXAS  
JULY 2010

SHEET NO. 10 OF 12

- LANDSCAPE PLAN NOTES:
- SHRUBS, MINIMUM HEIGHT OF 3' AT THE TIME OF PLANTING WITH A POTENTIAL HEIGHT OF 5' PLANTED 6' ON CENTER.
  - TOTAL LENGTH OF WALL WITH SCREENING: 1,125 LF  
TOTAL NUMBER OF SHRUBS TO BE PLANTED ALONG WALL: 193  
TOTAL NUMBER OF SHRUBS TO BE PLANTED NEAR ENTRANCE: 9  
TOTAL NUMBER OF SHRUBS TO BE PLANTED ON SITE: 202

- PLANTING NOTES:
- CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES THAT MAY ARISE DURING THE CONSTRUCTION PERIOD. FAILURE TO MAKE SUCH CONFLICTS KNOWN TO THE OWNER'S REPRESENTATIVE WILL RESULT IN THE CONTRACTOR'S LIABILITY TO RELOCATE MATERIALS AS DIRECTED.
  - FINAL LOCATION OF PLANT MATERIAL IS SUBJECT FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE.
  - NOTIFY OWNER'S REPRESENTATIVE 48 HOURS IN ADVANCE OF COMMENCING WORK TO COORDINATE PROJECT INSPECTION SCHEDULE.
  - REFER TO DETAILS AND SPECIFICATIONS FOR PLANT PIT DIMENSIONS AND BACKFILL REQUIREMENTS.
  - ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR. PLANT MATERIAL THAT IS DAMAGED, DESTROYED, OR REMOVED SHALL BE REPLACED WITH PLANT MATERIAL OF SIMILAR SIZE AND VARIETY WITHIN 30 DAYS, UNLESS OTHERWISE APPROVED IN WRITING BY THE OWNER OR OWNER'S REPRESENTATIVE.
  - ALL NEW PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN ADDITION, ALL NEW PLANT MATERIAL FOR THE PROJECT SHALL BE OF SPECIMEN QUALITY.
  - ALL NEW PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER-GROWN, UNLESS OTHERWISE NOTED ON THE PLANT LIST.
  - THE GENERAL CONTRACTOR SHALL SUPPLY ALL NEW PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTINGS SHOWN ON THE DRAWINGS.
  - ALL NEW PLANTS SHALL BE TAGGED AND APPROVED BY THE OWNER'S REPRESENTATIVE AT THE NURSERY PRIOR TO DIGGING OR DELIVERY TO THE SITE.
  - THE GENERAL CONTRACTOR SHALL LOCATED AND VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND SHALL REPORT ANY CONFLICTS TO THE OWNER'S REPRESENTATIVE. VERIFY WITH OWNER PIPE LINE LOCATIONS PRIOR TO DIGGING.
  - NO TREES SHALL BE PLANTED BEFORE ACCEPTANCE OF ROUGH GRADING. TREE SHALL BEAR SAME RELATIONSHIP TO FINISH GRADE AS THEY BORE TO PREVIOUS GRADE.
  - STAKE THE LOCATION OF ALL PROPOSED PLANTINGS FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF PLANTING.
  - ALL PLANTED AREAS TO BE MULCHED AS SPECIFIED.
  - ALL LANDSCAPED AREAS WILL BE IRRIGATED AND DETAILED IRRIGATION PLANS WILL BE SUBMITTED AT TIME OF GAS WELL PERMIT APPLICATION.
  - ALL LANDSCAPED AREAS ARE TO BE MAINTAINED IN ACCORDANCE WITH CITY REGULATIONS.
  - PLANT QUANTITIES ARE TO BE AN AD TO THE BIDDER. BIDDERS ARE RESPONSIBLE FOR VERIFYING ALL QUANTITIES. PLANT QUANTITIES SHALL SUPERCEDE PLANT SCHEDULE QUANTITIES. PLANT DISCREPANCIES:  
PLANT: NUMBER ON PLAN SUPERCEDES PLANT SCHEDULE  
SIZE: LARGEST SIZE ON PLANT SCHEDULE FOR TYPE  
SPECIES: CONSULT OWNER'S REPRESENTATIVE FOR CLARIFICATION.



NOTES:  
1. DO NOT HEAVILY PRUNE THE TREE AT TIME OF PLANTING. PRUNE ONLY CROSS OVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED; HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.  
2. STAKE TREES ONLY AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.

TREE PLANTING DETAIL - B&B TREES IN ALL SOIL TYPES

PLANT SCHEDULE						
SYMBOL	QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	COND.	REMARKS
<b>SHRUBS</b>						
○	105	MYRICA CERIFERA (MC)	WAX MYRTLE	3' IN HEIGHT	5 GAL.	SPECIMEN QUALITY
○	97	ILEX X ATTENUATA 'FOSTERI' (IA)	FOSTER HOLLY	3' IN HEIGHT	5 GAL.	SPECIMEN QUALITY
○	9	ILEX VOMITORIA (IV)	YAUPON HOLLY	3' IN HEIGHT	5 GAL.	SPECIMEN QUALITY
<b>TREES</b>						
⊕	27	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	3-3.5" CALIPER	B & B	SPECIMEN QUALITY
⊕	23	QUERCUS VIRGINIANA	SOUTHERN LIVE OAK	3-3.5" CALIPER	B & B	SPECIMEN QUALITY
⊕	17	QUERCUS SHUMARDII	SHUMARD RED OAK	3-3.5" CALIPER	B & B	SPECIMEN QUALITY
⊕	13	ULMUS CRASSIFOLIA	CEDAR ELM	3-3.5" CALIPER	B & B	SPECIMEN QUALITY
⊕	136,625 SF	CYNODON DACTYLON (L.) PERS.	COMMON BERMUDA			

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY PATRICK SMITH, P.E. NO. 92318, ON 12/21/10. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

# TCC PAD SITE

CITY OF COLLEYVILLE, TEXAS



111 W. 4TH ST, SUITE 300  
FORT WORTH, TEXAS 76102  
PHONE: 817-698-8000



5751 KROGER DRIVE  
SUITE 185  
KELLER, TX 76244  
PHONE: 817-562-3350

PROPERTY OWNER/MINERAL OWNER:

TRINITY CHRISTIAN CENTER  
OF SANTA ANA INC.  
2442 MICHELLE DRIVE  
TUSTIN, CALIFORNIA 92780

PROJECT NO.: 10-TTN016

FILE PATH: G:\JOB\10-TTN016-TBN\PETRO

DRAWN BY: RPH

REVIEWED BY: AAH

DATE: January 03, 2011

REV:

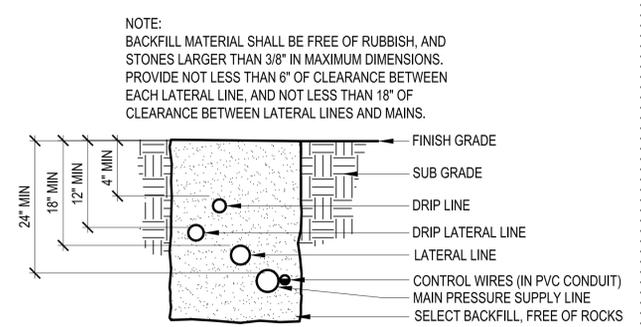
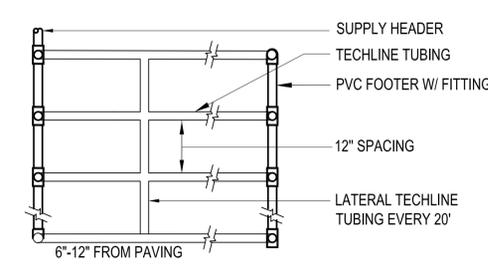
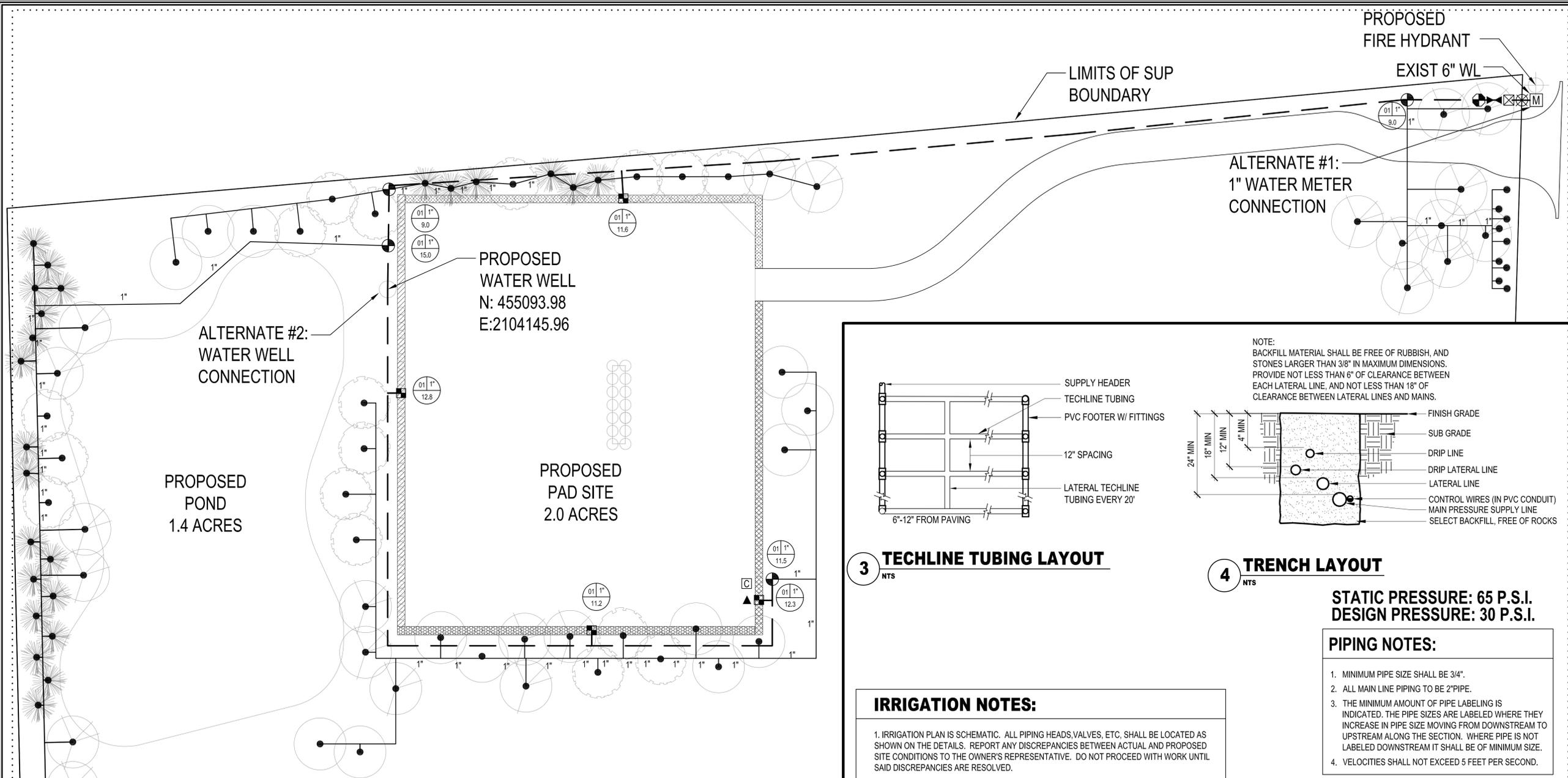


SHEET CONTENT

## DRILLING PERMIT/ IRRIGATION PLAN

TRINITY C UNIT NO. 1H  
13.241 ACRES OUT OF THE  
W.E. CROOKS SURVEY,  
ABSTRACT NUMBER 295,  
CITY OF COLLEYVILLE  
TARRANT COUNTY, TEXAS  
JULY 2010

SHEET NO. 11 OF 12



**STATIC PRESSURE: 65 P.S.I.**  
**DESIGN PRESSURE: 30 P.S.I.**

### PIPING NOTES:

1. MINIMUM PIPE SIZE SHALL BE 3/4".
2. ALL MAIN LINE PIPING TO BE 2" PIPE.
3. THE MINIMUM AMOUNT OF PIPE LABELING IS INDICATED. THE PIPE SIZES ARE LABELED WHERE THEY INCREASE IN PIPE SIZE MOVING FROM DOWNSTREAM TO UPSTREAM ALONG THE SECTION. WHERE PIPE IS NOT LABELED DOWNSTREAM IT SHALL BE OF MINIMUM SIZE.
4. VELOCITIES SHALL NOT EXCEED 5 FEET PER SECOND.

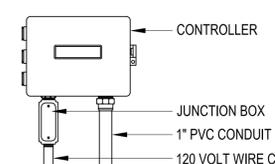
### IRRIGATION NOTES:

1. IRRIGATION PLAN IS SCHEMATIC. ALL PIPING HEADS, VALVES, ETC. SHALL BE LOCATED AS SHOWN ON THE DETAILS. REPORT ANY DISCREPANCIES BETWEEN ACTUAL AND PROPOSED SITE CONDITIONS TO THE OWNER'S REPRESENTATIVE. DO NOT PROCEED WITH WORK UNTIL SAID DISCREPANCIES ARE RESOLVED.
2. VERIFY THAT THE WORK OF OTHER CONTRACTORS/TRADES IS SUFFICIENTLY COMPLETE TO ALLOW COMMENCEMENT OF IRRIGATION INSTALLATION PRIOR TO BEGINNING WORK. CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL IRRIGATION SLEEVES UNDER PAVEMENT WITH OTHER CONTRACTORS.
3. ALL SLEEVES TO BE SCHEDULE 40 PVC. SLEEVES SHALL BE INSTALLED WHEREVER PIPES RUN UNDER PAVEMENT. SLEEVES MUST BE 2 SIZES LARGER THAN THE SUM OF ALL PIPES INSIDE SLEEVE.
4. COORDINATE IRRIGATION INSTALLATION WITH THE WORK OF OTHER CONTRACTORS/TRADES AND PROTECT THE WORK OF OTHER CONTRACTORS/ TRADES. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES RESULTING FROM HIS WORK.
5. IRRIGATION SYSTEM INSTALLATION TO BE PERFORMED IN ACCORDANCE WITH ALL PERTINENT CODES AND ORDINANCES.
6. NO PVC PIPING SHALL BE LOCATED UNDER TREE ROOT BALLS.
7. THE IRRIGATION CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION IF ANY UNDERGROUND OR ABOVE GROUND CONSTRUCTION IS LOCATED AS TO SIGNIFICANTLY HINDER INSTALLATION OR FUNCTION OF THE IRRIGATION SYSTEM, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY.
8. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR RUNNING POWER TO ALL CONTROLLERS UNLESS OTHERWISE NOTED.
9. PRIOR TO BEGINNING WORK, CONTRACTOR SHALL VERIFY MINIMUM WORKING PRESSURE AT POINT OF CONNECTION OF 60 PSI. IF THE WORKING PRESSURE IS LESS THAN 60 PSI AT THE POINT OF CONNECTION, STOP WORK, NOTIFY OWNER'S REPRESENTATIVE AND DO NOT PROCEED UNTIL INSTRUCTED BY OWNER'S REPRESENTATIVE.
10. THE IRRIGATION CONTRACTOR SHALL ADJUST ALL NOZZLES TO ENSURE NO SPRAY ONTO HARD SURFACES.
11. SEE IRRIGATION DETAILS FOR ADDITIONAL INFORMATION.

### IRRIGATION LEGEND

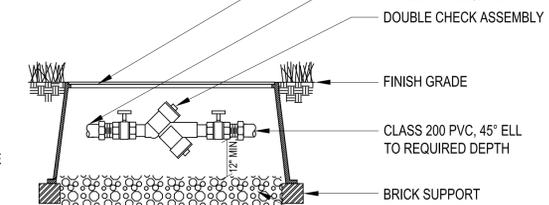
[M]	2" WATER METER
[X]	2" SPEARS PVC ISOLATION BALL VALVE
[Y]	2" WILKENS Y- STRAINER
[Z]	2" WILKENS DOUBLE CHECK VALVE
[A]	RAINBIRD PEB MASTER CONTROL VALVE; SEE PLAN FOR SIZE
[B]	RAINBIRD PEB REMOTE CONTROL VALVE; SEE PLAN FOR SIZE
[C]	RAINBIRD XCZ CONTROL ZONE KIT; SEE PLAN FOR SIZE
[D]	RAINBIRD CONTROLLER ESP MODULAR SERIES (MODEL# ESP 4M)
[E]	TORO WIRELESS RAIN FREEZE SENSOR (MODEL# TWRFS)
[F]	RAINBIRD BUBBLER (MODEL# 1402)
[G]	2" IRRIGATION MAIN LINE (SCHEDULE 40 PVC)
[H]	LATERAL LINE (CLASS 200 PVC)
[I]	VALVE NUMBER/ VALVE SIZE GALLONS PER MINUTE
[J]	NETAFIM DRIP TUBING ZONE
[K]	NETAFIM DRIP TUBING ZONE
[L]	NETAFIM DRIP TUBING ZONE
[M]	NETAFIM DRIP TUBING ZONE

- NOTE:  
1. REFER TO MANUFACTURER'S MANUAL FOR MOUNTING INSTRUCTIONS  
2. INSTALL WIRING (PER LOCAL CODE)  
3. INSTALL CONDUIT W/ SWEEP FITTINGS



### 1 CONTROLLER

- NOTE:  
KEEP TEST COCKS CLEAR (PER LOCAL CODE)



### 2 BACKFLOW PREVENTER

**CAUTION!!!**

CONTACTS:  
TEXAS ONE CALL SYSTEM: 1-800-245-4545  
DIG TESS: 1-800-344-8377  
LONESTAR NOTIFICATION: 1-800-669-8344

(MIN. 48 hours prior to construction, excluding holidays and weekends.)

**WARNING!**  
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, WHETHER INDICATED ON THE DRAWINGS OR NOT, TO VERIFY THE LOCATION, DEPTH, AND CONDITION OF ALL EXISTING UTILITIES AND CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR WILL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR BY FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

Irrigation in Texas is regulated by the Texas Commission on Environmental Quality (TCEQ) (MC-178), P.O. Box 13087, Austin, Texas 78711-3087.



# TCC PAD SITE

CITY OF COLLEYVILLE, TEXAS



111 W. 4TH ST, SUITE 300  
FORT WORTH, TEXAS 76102  
PHONE: 817-698-8000



5751 KROGER DRIVE  
SUITE 185  
KELLER, TX 76244  
PHONE: 817-562-3350

PROPERTY OWNER/MINERAL OWNER:

TRINITY CHRISTIAN CENTER  
OF SANTA ANA INC.  
2442 MICHELLE DRIVE  
TUSTIN, CALIFORNIA 92780

PROJECT NO.:	10-TTN016
FILE PATH:	G:\JOB\10-TTN016-TBN\ PETRO
DRAWN BY:	TCG
REVIEWED BY:	AAH
DATE:	JULY 16, 2010
REV:	JANUARY 4, 2011



NORTH



## LEGEND

- PROPOSED SECURITY CAMERA

SHEET CONTENT

## DRILLING PERMIT SECURITY CAMERA PLAN

TRINITY C UNIT NO. 1H  
13,241 ACRES OUT OF THE  
W.E. CROOKS SURVEY,  
ABSTRACT NUMBER 295,  
CITY OF COLLEYVILLE,  
TARRANT COUNTY, TEXAS  
JULY 2010

SHEET NO. 12 OF 12

