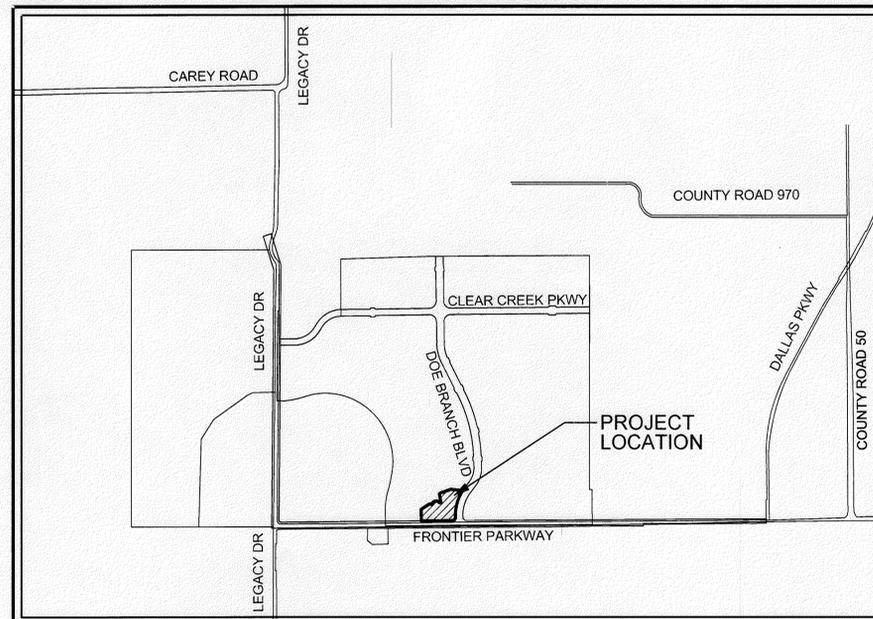


THE CITY OF CELINA, TEXAS
 WATER, SANITARY SEWER, STORM DRAINAGE AND PAVING
 TO SERVE
**CREEKS OF LEGACY
 MODEL HOME PARK**



LOCATION MAP

SCALE: N.T.S.



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DEVELOPER:
 CENTURION AMERICAN DEVELOPMENT GROUP

1800 VALLEY VIEW LANE, SUITE 300
 FARMERS BRANCH, TEXAS 75234
 PHONE: 469-892-7200
 FAX: 469-892-7202

OWNER:
 CTMGT FRONTIER 80, LLC

1800 VALLEY VIEW LANE, SUITE 300
 FARMERS BRANCH, TEXAS 75234
 PHONE: 469-892-7200
 FAX: 469-892-7202

REMOVED SET
 CITY OF CELINA
 ENGINEERING DEPARTMENT
RELEASED FOR CONSTRUCTION
 DATE *6/4/15* BY *[Signature]*

PRIOR TO CONSTRUCTION, THE OWNER OR THEIR REPRESENTATIVE SHALL NOTIFY THE CITY OF CELINA ENGINEERING DEPARTMENT AT 972-382-2682 x1081. CONSTRUCTION DRAWINGS STAMPED BY THE CITY OF CELINA SHALL BE ON THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION. THE CITY OF CELINA STANDARD SPECIFICATIONS FOR CONSTRUCTION SHALL TAKE PRECEDENCE OVER THESE PLANS WHENEVER IN CONFLICT THEREWITH. DISCLAIMER: ALL NECESSARY APPROVALS AND PERMITS SHALL BE ACQUIRED PRIOR TO CONSTRUCTION.

ENGINEER:
PELTON
 LAND SOLUTIONS
 10875 JOHN W. ELLIOTT DR.
 SUITE 400
 FRISCO, TX 75033
 CONTACT: Erik Hinklin
 PH: 469-213-1800



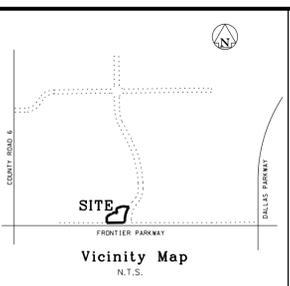
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AUGUST 2015

P-201411-01

CREEKS OF LEGACY - MODEL HOME PARK WATER, SANITARY SEWER, STORM DRAINAGE AND PAVING

IBLS Firm Reg No. 0077720
Copyright © 2015 Precision Land Solutions, Inc.
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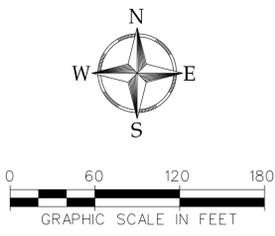
LEGEND
IRF - IRON ROD FOUND
IRS - IRON ROD SET
B.L. - BUILDING LINE
U.E. - UTILITY EASEMENT
SQ.FT. - SQUARE FEET

CURVE TABLE

NO.	DELTA	RADIUS	LENGTH	BEARING	DISTANCE
C1	124°39'25"	50.00'	108.78'	N 75°08'45" E	88.56'
C2	61°01'41"	10.50'	11.18'	S 73°02'23" E	10.66'
C3	01°45'52"	385.00'	11.86'	N 77°19'42" E	11.86'
C4	35°23'05"	360.00'	222.33'	S 85°54'51" W	218.81'

LINE TABLE

NO.	BEARING	DISTANCE
L1	S 33°20'10" E	36.61'
L2	S 60°32'57" W	36.61'



Wm. Davenport Survey
Abst. No. 262

F. D. Gary Survey
Abst. No. 361

STATE OF TEXAS
COUNTY OF COLLIN

WHEREAS THE CADG FRONTIER 192 IS THE OWNER OF A TRACT OF LAND SITUATED IN THE WM. DAVENPORT SURVEY, ABSTRACT NUMBER 262, AND THE F.D. GARY SURVEY, ABSTRACT NUMBER 361, CITY OF CELINA, COLLIN COUNTY, TEXAS, BEING A PORTION OF THAT TRACT OF LAND DESCRIBED BY DEED TO CADG FRONTIER 192, LLC AS RECORDED IN INSTRUMENT NUMBER 2013090300126757, OFFICIAL PROPERTY RECORDS AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" FOUND AT THE SOUTHWEST CORNER OF THAT 4.512 ACRE TRACT OF LAND DESCRIBED BY DEED TO THE CITY OF CELINA, COLLIN COUNTY, TEXAS, BEING A PORTION OF THAT 1.998 ACRE TRACT DESCRIBED BY DEED TO THE CITY OF CELINA BOTH RECORDED IN INSTRUMENT NUMBER 20140708000701570, SAID OFFICIAL PUBLIC RECORDS:

THENCE S 89°18'16"W, 383.77 FEET WITH SAID NORTH LINE TO A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" SET;

THENCE N 00°41'44"W, 138.20 FEET DEPARTING SAID NORTH LINE TO A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" SET;

THENCE N 57°37'25"E, 119.36 FEET TO A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" SET;

THENCE S 77°10'57"E, 29.63 FEET TO A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" SET, THE BEGINNING OF A NON-TANGENT CURVE TO THE RIGHT;

THENCE WITH SAID NON-TANGENT CURVE TO THE RIGHT, AN ARC DISTANCE OF 08.78 FEET, THROUGH A CENTRAL ANGLE OF 124°39'25", HAVING A RADIUS OF 50.00 FEET, THE LONG CHORD WHICH BEARS N 75°08'45"E, 88.56 FEET TO A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" SET, THE BEGINNING OF A REVERSE CURVE TO THE LEFT;

THENCE WITH SAID REVERSE CURVE TO THE LEFT, AN ARC DISTANCE OF 11.18 FEET, THROUGH A CENTRAL ANGLE OF 61°01'41", HAVING A RADIUS OF 10.50 FEET, THE LONG CHORD WHICH BEARS S 73°02'23"E, 10.66 FEET TO A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" SET, THE BEGINNING OF A REVERSE CURVE TO THE RIGHT;

THENCE WITH SAID REVERSE CURVE TO THE RIGHT, AN ARC DISTANCE OF 11.86 FEET, THROUGH A CENTRAL ANGLE OF 01°45'52", HAVING A RADIUS OF 385.00 FEET, THE LONG CHORD WHICH BEARS N 77°19'42"E, 11.86 FEET TO A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" SET;

THENCE N 1°47'22"W, 102.00 FEET TO A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" SET;

THENCE N 48°29'39"E, 21.57 FEET TO A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" SET;

THENCE N 71°27'06"E, 133.69 FEET TO A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" SET;

THENCE S 83°23'49"E, 143.68 FEET TO A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" SET, THE WEST LINE OF AFOREMENTIONED CITY OF CELINA 4.512 ACRE TRACT, THE BEGINNING OF A NON-TANGENT CURVE TO THE LEFT;

THENCE WITH SAID WEST LINE AND SAID NON-TANGENT CURVE TO THE LEFT, AN ARC DISTANCE OF 324.87 FEET, THROUGH A CENTRAL ANGLE OF 34°15'39", HAVING A RADIUS OF 543.30 FEET, THE LONG CHORD WHICH BEARS S 16°31'49"W, 320.06 FEET TO A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" FOUND;

THENCE S 00°36'01"E, 20.54 FEET CONTINUING WITH SAID WEST LINE TO A 5/8 INCH IRON ROD WITH PLASTIC CAP STAMPED "PELTON" FOUND;

THENCE S 44°21'08"W, 35.38 FEET CONTINUING WITH SAID WEST LINE TO THE POINT OF BEGINNING AND CONTAINING 118,128 SQUARE FEET OR 2.712 ACRES OF LAND MORE OR LESS.

The North Line of the 100 year Floodplain
Per FEMA FIR map Number 48085C0115J
Dated June 2, 2009, is approximately
500' North of Plotted Area, and not shown.

Proposed
100 Year Floodplain

Dated _____

Collin County School Land
Abst. No. 167

Approximate 100 year Floodplain
Per FEMA FIR map
Number 48085C0115J
Dated June 2, 2009

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS:
THAT _____, ACTING HEREIN BY AND THROUGH ITS DULY AUTHORIZED OFFICERS, DOES HEREBY ADOPT THIS PLAT DESIGNATING THE HEREIN ABOVE DESCRIBED PROPERTY AS CREEKS OF LEGACY MODEL PARK AN ADDITION TO THE CITY OF CELINA, TEXAS, AND DOES HEREBY DEDICATE, IN FEE SIMPLE TO THE PUBLIC USE FOREVER, THE STREETS, RIGHTS-OF-WAY, AND OTHER PUBLIC IMPROVEMENTS SHOWN THEREON, THE STREETS AND ALLEYS, IF ANY, ARE DEDICATED FOR STREET PURPOSES, THE EASEMENTS AND PUBLIC USE AREAS, AS SHOWN, ARE DEDICATED FOR THE PUBLIC USE FOREVER, FOR THE PURPOSES INDICATED ON THIS PLAT, NO BUILDINGS, FENCES, TREES, SHRUBS OR OTHER IMPROVEMENTS OR GROWTHS SHALL BE CONSTRUCTED OR PLACED UPON, OVER OR ACROSS THE EASEMENTS AS SHOWN, EXCEPT THAT LANDSCAPE IMPROVEMENTS MAY BE PLACED ON LANDSCAPE EASEMENTS, IF APPROVED BY THE CITY COUNCIL OF THE CITY OF CELINA. IN ADDITION, UTILITY EASEMENTS MAY ALSO BE USED FOR THE MUTUAL USE AND ACCOMMODATION OF ALL PUBLIC UTILITIES DESIRING TO USE OR USING THE SAME UNLESS THE EASEMENT LIMITS THE USE TO PARTICULAR UTILITIES, SAID USE BY PUBLIC UTILITIES BEING SUBORDINATE TO THE PUBLIC'S AND CITY OF CELINA'S USE THEREOF. THE CITY OF CELINA AND PUBLIC UTILITY ENTITIES SHALL HAVE THE RIGHT TO REMOVE AND KEEP REMOVED ALL OR PARTS OF ANY BUILDINGS, FENCES, TREES, SHRUBS OR OTHER IMPROVEMENTS OR GROWTHS WHICH MAY IN ANY WAY ENDANGER OR INTERFERE WITH THE CONSTRUCTION, MAINTENANCE, OR EFFICIENCY OF THEIR RESPECTIVE SYSTEMS IN SAID EASEMENTS. THE CITY OF CELINA AND PUBLIC UTILITY ENTITIES SHALL AT ALL TIMES HAVE THE FULL RIGHT INGRESS AND EGRESS TO OR FROM THEIR RESPECTIVE EASEMENTS FOR THE PURPOSE OF CONSTRUCTING, RECONSTRUCTING, INSPECTING, PATROLLING, MAINTAINING, READING METERS, AND ADDING TO OR REMOVING ALL OR PARTS OF THEIR RESPECTIVE SYSTEMS WITHOUT THE NECESSITY AT ANY TIME PROCURING PERMISSION FROM ANYONE.

THIS PLAT APPROVED SUBJECT TO ALL PLATTING ORDINANCES, RULES, REGULATIONS AND RESOLUTIONS OF THE CITY OF CELINA, TEXAS
WITNESS, MY HAND THIS THE ____ DAY OF _____, 20____.
BY: _____
AUTHORIZED SIGNATURE OF OWNER

PRINTED NAME AND TITLE

STATE OF TEXAS
COUNTY OF COLLIN
BEFORE ME, THE UNDERSIGNED AUTHORITY, A NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS, ON THIS DAY PERSONALLY APPEARED _____, OWNER, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSE AND CONSIDERATIONS THEREIN EXPRESSED.
GIVEN UNDER MY AND SEAL OF OFFICE, THIS ____ DAY OF _____, 20____.
NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

MY COMMISSION EXPIRES ON: _____

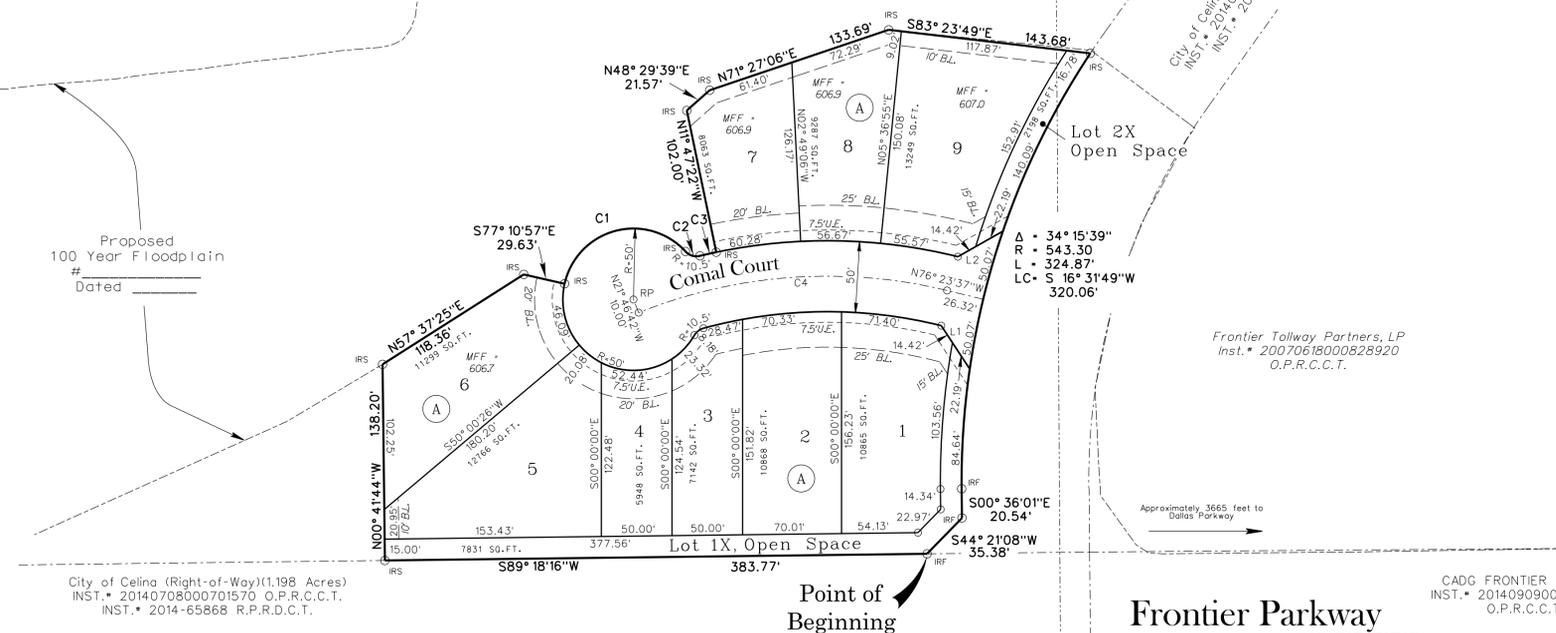
KNOW ALL MEN BY THESE PRESENTS:
THAT I, TODD A BRIDGES DO HEREBY CERTIFY THAT I PREPARED THIS PLAT FROM AN ACTUAL AND ACCURATE SURVEY OF THE LAND AND THAT THE CORNER MONUMENTS SHOWN THEREON AS "SET" WERE PROPERLY PLACED UNDER MY PERSONAL SUPERVISION IN ACCORDANCE WITH THE SUBDIVISION ORDINANCE OF THE CITY OF CELINA.

SIGNATURE OF THE REGISTERED PROFESSIONAL
TEXAS REGISTRATION NO. 4940

STATE OF TEXAS
COUNTY OF TARRANT
BEFORE ME, THE UNDERSIGNED AUTHORITY, A NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS, ON THIS DAY PERSONALLY APPEARED TODD A BRIDGES, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSE AND CONSIDERATIONS THEREIN EXPRESSED.
GIVEN UNDER MY AND SEAL OF OFFICE, THIS ____ DAY OF _____, 20____.
NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

MY COMMISSION EXPIRES ON: _____

CADG FRONTIER 192, LLC
INST. # 20130903001267570
O.P.R.C.C.T.



Point of Beginning

Mike A. Myers
Investment Holdings, L.P.
Inst. # 2004-0158476
O.P.R.C.C.T.

- NOTES
1. SELLING A PORTION OF THIS ADDITION BY METES AND BOUNDS IS A VIOLATION OF CITY ORDINANCE AND STATE LAW, AND IS SUBJECT TO FINES AND WITHHOLDING OF UTILITIES AND BUILDING PERMITS.
 2. THE UNDERSIGNED DOES HEREBY COVENANT AND AGREE THAT HE OR SHE OR THEY SHALL CONSTRUCT UPON THE FIRE LANE EASEMENTS, AS DEDICATED AS SHOWN HEREON, A HARD SURFACE IN ACCORDANCE WITH THE CITY OF CELINA'S PAVING STANDARDS FOR FIRE LANE, AND THAT HE OR SHE OR THEY SHALL MAINTAIN THE SAME IN A STATE OF GOOD REPAIR AT ALL TIMES AND KEEP THE SAME FREE AND CLEAR OF ANY STRUCTURES, FENCES, TREES, SHRUBS, OR OTHER IMPROVEMENTS OR OBSTRUCTION, INCLUDING BUT NOT LIMITED TO THE PARKING OF MOTOR VEHICLES, TRAILERS, BOATS OR OTHER IMPROVEMENTS TO THE ACCESSIBILITY OF FIRE APPARATUS. THE MAINTENANCE OF PAVING ON THE FIRE LANE EASEMENTS IS THE RESPONSIBILITY OF THE OWNER, AND THE OWNER SHALL POST AND MAINTAIN APPROPRIATE SIGNS IN CONSPICUOUS PLACES ALONG SUCH FIRE LANE, STATING "FIRE LANE, NO PARKING". THE LOCAL LAW ENFORCEMENT AGENCY(S) IS HEREBY AUTHORIZED TO ENFORCE PARKING REGULATIONS WITHIN THE FIRE LANES, AND TO CAUSE SUCH FIRE LANES AND UTILITY EASEMENTS TO BE MAINTAINED FREE AND UNOBSTRUCTED AT ALL TIMES FOR FIRE DEPARTMENT AND EMERGENCY USE.
 3. THE UNDERSIGNED DOES HEREBY COVENANT AND AGREE THAT THE ACCESS EASEMENT MAY BE UTILIZED BY ANY PERSON OR THE GENERAL PUBLIC FOR INGRESS AND EGRESS TO PUBLIC VEHICULAR AND PEDESTRIAN USE AND ACCESS, AND FOR FIRE DEPARTMENT AND EMERGENCY USE IN, ALONG, UPON AND ACROSS SAID PREMISES, WITH THE RIGHT AND PRIVILEGE AT ALL TIMES OF THE CITY OF CELINA, ITS AGENTS, EMPLOYEES, WORKMEN AND REPRESENTATIVES HAVING INGRESS, EGRESS, AND REGRESS IN, ALONG, UPON AND ACROSS SAID PREMISES.
 4. THE AREA OR AREAS SHOWN ON THE PLAT AS "VAM" (VISIBILITY, ACCESS AND MAINTENANCE) EASEMENT(S) ARE HEREBY GIVEN AND GRANTED TO THE CITY, ITS SUCCESSORS AND ASSIGNS, AS AN EASEMENT TO PROVIDE VISIBILITY, RIGHT OF ACCESS FOR MAINTENANCE UPON AND ACROSS SAID VAM EASEMENT. THE CITY SHALL HAVE THE RIGHT BUT NOT THE OBLIGATION TO MAINTAIN ANY AND ALL LANDSCAPING WITHIN THE VAM EASEMENT, SHOULD THE CITY EXERCISE THIS MAINTENANCE RIGHT. THEN IS SHALL BE PERMITTED TO REMOVE AND DISPOSE OF ANY AND ALL LANDSCAPING IMPROVEMENTS, INCLUDING WITHOUT LIMITATION, ANY TREES, SHRUBS, FLOWERS, GROUND COVER AND FIXTURES. THE CITY MAY WITHDRAW MAINTENANCE OF THE VAM EASEMENT AT ANY TIME. THE ULTIMATE MAINTENANCE RESPONSIBILITY FOR THE VAM EASEMENT SHALL REST WITH THE OWNERS. NO BUILDING, FENCE, SHRUB, TREE OR OTHER IMPROVEMENTS OR GROWTHS, WHICH IN ANY WAY MAY ENDANGER OR INTERFERE WITH THE VISIBILITY, SHALL BE CONSTRUCTED IN, ON, OVER, OR ACROSS THE VAM EASEMENT. THE CITY SHALL ALSO HAVE THE RIGHT BUT NOT THE OBLIGATION TO ADD ANY LANDSCAPE IMPROVEMENTS TO THE VAM EASEMENT, TO ERECT ANY TRAFFIC CONTROL DEVICES OR SIGNS ON THE VAM EASEMENT AND TO REMOVE ANY OBSTRUCTION THEREON. THE CITY, ITS SUCCESSORS, ASSIGNS, OR AGENTS SHALL HAVE THE RIGHT AND PRIVILEGE AT ALL TIMES TO ENTER UPON THE VAM EASEMENT OR ANY PART THEREOF FOR THE PURPOSES AND WITH ALL RIGHTS AND PRIVILEGES SET FORTH HEREIN.
 5. THE OWNERSHIP, CARE, AND MAINTENANCE OF ALL OPEN SPACE/COMMON AREA LOTS IS THE RESPONSIBILITY OF THE HOA.
 6. OPEN SPACE PROVIDED AT 1AC. PER 75 UNITS PROVIDED IN ANOTHER PHASE.

A Final Plat of Creeks of Legacy Model Park

9 RESIDENTIAL LOTS
TOTALING 2.712 Acres

SITUATED IN THE WM. DAVENPORT SURVEY,
ABSTRACT NUMBER 262, AND THE F.D. GARY
SURVEY, ABSTRACT NUMBER 361,
CITY OF CELINA, COLLIN COUNTY, TEXAS

Owners
CADG FRONTIER 192, LLC
1800 Valley View Lane
Suite 300
Farmers Branch, Texas 75234
469-892-7200

Case No. _____

Revisions:

Job #:	Drawn By:	Checked By:	Date:
CEN13006	D. Freeman	T. Bridges	11-14-14

SIGNATURE OF MAYOR _____ DATE OF APPROVAL _____
ATTEST: _____
CITY SECRETARY _____ DATE _____

APPROVED FOR PREPARATION OF FINAL PLAT FOLLOWING CONSTRUCTION OF ALL PUBLIC IMPROVEMENTS (OR APPROPRIATE SURETIES THEREOF) NECESSARY FOR THE SUBDIVISION SHOWN ON THIS PLAT.
RECOMMENDED BY: _____ PLANNING AND ZONING COMMISSION
CITY OF CELINA, TEXAS

SIGNATURE OF CHAIRPERSON _____ DATE OF RECOMMENDATION _____
APPROVED BY: _____ CITY COUNCIL
CITY OF CELINA, TEXAS

SIGNATURE OF MAYOR _____ DATE OF APPROVAL _____
ATTEST: _____
CITY SECRETARY _____ DATE _____

PELTON
LAND SOLUTIONS
5751 KROEGER DR, STE. 185 | KELLER, TX 76244 | 817-562-3350
SHEET _____ OF _____ SHEETS

City of Celina
CONSTRUCTION GENERAL NOTES – Revised 4/14/2015

GENERAL

- All construction shall be in accordance with the latest revision of the North Central Texas Council of Governments "Standard Specifications for Public Works Construction" including the Standard Drawings therein and the City of Celina's addendum thereto. Contractor shall have at least one set of approved Engineering Plans and Specifications on-site at all times.
- Before beginning construction, the contractor shall prepare a construction sequence schedule. The construction schedule shall be such that there is minimum interference with traffic along or adjacent to the project.
- Construction may not begin earlier than 7:00 A.M. on weekdays nor continue after dark without permission from the City of Celina. Construction on holidays and Saturday must be approved two days in advance. A fee of \$300.00 a day for working on holidays and Saturday will be assessed payable to the city before work is performed. Work may not begin before 8:00 A.M. on holidays and Saturday and work on Sunday is prohibited without special permission and payment of fees.
- Utilities shown on the plans were taken from field surveys and information provided by the utility companies. The completeness and the accuracy of this data is not guaranteed.

The contractor is responsible for verifying the location of all underground utilities and structures and protecting them from damage during construction.

It will be the responsibility of each contractor to protect all existing public and private utilities throughout the construction of this project. Contractor shall contact the appropriate utility companies for line location prior to commencement of construction and shall assume full liability to those companies for any damages caused to their facilities.

DIG TESS	800-DIG-TESS
GCEC-TELECOM	903-482-7274
GCEC-ELECTRIC	903-821-3007
AT&T	972-569-3013
ATMOS ENERGY	972-881-4161
ATMOS ENERGY	214-341-9900
CROSSTEX ENERGY	817-570-6753
ONEOK	903-257-6594
COSERV-ELEC	940-321-7800
COSERV-GAS	940-321-7800
CITY OF CELINA	972-382-2682
TOWN OF PROSPER	972-347-9969
MARILEE SUD	972-382-3222

the construction of the project.

- All trenching and excavation shall be performed in accordance with OSHA standards. Trench safety design will be the responsibility of the Contractor. Contractor shall submit a trench safety design approved by a professional engineer to the City for review prior to the start of any underground utility construction.

PAVING

- All embankments shall be compacted to 95% Standard Proctor density.
- All streets and alleys shall be placed on lime stabilized sub grade with a lime content of not less than 7 1/2% or as approved by the city engineer.
- The minimum 28 day compressive strength of concrete street paving shall not be less than 3600 psi and shall be air entrained. Water may not be applied to the surface of concrete paving to improve workability.
- All curb and gutter shall be integral with the pavement.
- Parabolic crowns are required on all street pavements except on major thoroughfares where straight sections are required.
- Streets and alleys shall be constructed with provisions for sidewalk ramps at all intersections.

DRAINAGE

- Storm sewer pipe shall be reinforced concrete, Class III unless otherwise noted.
- All structural concrete shall be Class "C" (3600 psi compressive strength at 28 days), air entrained.
- The contractor shall install plugs in storm sewer lines or otherwise prevent mud from entering the storm sewer system during construction.

WATER AND SANITARY SEWER

- Water mains shall be AWWA C-900 or 905 PVC Class 200 unless otherwise noted. Minimum cover for waterlines is 48" below top of curb, 60" where no curbed street is present or as required to clear existing utilities, whichever is greater. Class B+ embedment unless otherwise noted.
- All utility trench backfill shall be performed in 12" loose lifts and mechanically compacted with approved vibratory methods.

GRANDE 972-410-0583
SUDDEN LINK 469-853-0486

- Work may not be backfilled or covered until the City has inspected it.
- Material testing shall be performed by an independent testing laboratory and paid for by the Contractor. The following material tests shall be provided by the Contractor:
 - Embankment - One soil density test shall be performed at each location for each 500 C.Y. of backfill placed.
 - Pavement Sub grade - One gradation test (where lime stabilized) and one soil density test shall be performed for each 300 linear feet of pavement unless otherwise noted. Gradations must pass 100% through a 1 3/4" sieve and 60% through a #4 sieve.
 - Utility Trench Backfill - One soil density test shall be performed at 300 feet intervals or as directed by the Inspector.
 - Concrete Tests:
 - Compressive Strength - Four test cylinders shall be taken from a representative portion of the concrete being placed for every 150-cubic yards of concrete pavement placed, but in no case shall less than 2 sets of cylinders be taken from any one day's placement.)
 - Air, slump, and temperature tests shall be taken for every set of cylinders made. Concrete with a temperature above 95° F will be rejected.
 - Additional cylinders and/or tests may be required at the Inspector's discretion.
- The City shall select the location and depth of each soil density test unless otherwise directed.
- All excavation on the project is unclassified.
- Temporary erosion control shall be used to minimize the spread of silt and mud from the project on to existing streets, alleys, drainage ways and public and private property. Temporary erosion controls may include silt fences, rock check dams, stabilized construction entrances, straw bales, berms, dikes, swales, strips of undisturbed vegetation, check dams and other methods as required by the City Manager or his representative and shall conform to the Storm Water Quality Best Management Practices for Construction Activities as published by the North Central Texas Council of Governments and the City of Celina Erosion and Sediment Control Manual.
- Finished slopes on public rights-of-way and easements shall not be steeper than 4:1. All slopes steeper than 6:1 shall be covered with erosion control matting and are hydro mulched and maintained by the contractor until grass covers all parts of the slope.
- The contractor shall maintain two-way traffic at all times along the project.
- Remove, salvage and replace all street and traffic control signs, which may be damaged by
 - Marking tape shall be installed one foot above and over PVC water lines.
 - Fittings for PVC water lines shall be ductile iron and be encased in a polyethylene sheath.
 - All Mechanical Joints will be restrained. (Mega-Lug etc.)
 - Valves, including tapping valves shall be resilient seat gate valves, unless noted otherwise.
 - All direct burial valves shall be provided with cast iron valve boxes with PVC stacks. Valve stacks shall be vertical and concentric with the valve stem. Stainless steel valve extensions are required on all valves where the operating nut is greater than 4 feet below finished grade.
 - Fire hydrants shall be Kennedy or equal as directed or approved by the City of Celina on a case by case basis and field painted silver with bonnet and caps color-coded to pipe size.
 - Six inch line- silver body with RED bonnet and caps.
 - Eight inch line- silver body with BLUE bonnet and caps.
 - Ten inch line- silver body with GREEN bonnet and caps.
 - Twelve inch and larger- silver body with YELLOW bonnet and caps.
 - All exposed bolting on any buried equipment or material shall be stainless steel. Included are:
 - Bonnet and stuffing box bolts on valves.
 - Shoe bolts on fire hydrants.
 - Flange bolts.
 - "Cor-ten" mechanical joint "T" bolts are acceptable for direct burial service.
 - Depending on meter size; meter boxes shall be DFW37C-12-1SAF, DFW38C-14-1SAF, DFW65C-14-1SAF, or approved equal, and shall incorporate the Celina logo in the lid.
 - One sample station shall be provided to the city for every 250 connections.

Sanitary sewer mains shall be DR 35 PVC. Embedment shall be Class H unless otherwise noted.

- The contractor shall install and maintain watertight plugs in all connections to the City's sanitary sewer system until the City accepts the project.
- All sanitary sewer lines and manholes shall be leak tested before the project is accepted. Deflection testing of PVC sewer lines is required. Deflection shall be tested with a mandrel for 5% deflection.
- All sewer lines shall be video inspected with a copy of the video and station report submitted to the Inspector.
- Mandrel, Air Test, and Video inspection shall not be performed until all utilities are complete, in place, and backfilled.

Specifications are not meant to exclude any other manufacturer. Any specification may be replaced with an approved equal upon approval by the City of Celina.

NO.	DATE	REVISION	APPROVAL

10875 JOHN W. ELLIOTT DR.
SUITE 400
FRISCO, TX 75033
PHONE: 469-213-1800
TX FIRM NO 12207

PELOTON
LAND SOLUTIONS

GENERAL NOTES

CREEKS OF LEGACY - MODEL HOME PARK
CELINA, COLLIN COUNTY, TEXAS

DESIGNED BY: CAL
DRAWN BY: BAW
PROJ. MNGR: ESH
DATE: AUGUST 2015
PLS PROJECT #: CEN13006
CITY PROJECT #: P-201411-01

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY ERIK S. HINKLIN, P.E. No. 100268. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

SHEET
2
OF 18

Drawn: J. LARSEN 10/06/2015
 User: J. LARSEN
 Plot Date: 10/06/2015 4:17 PM

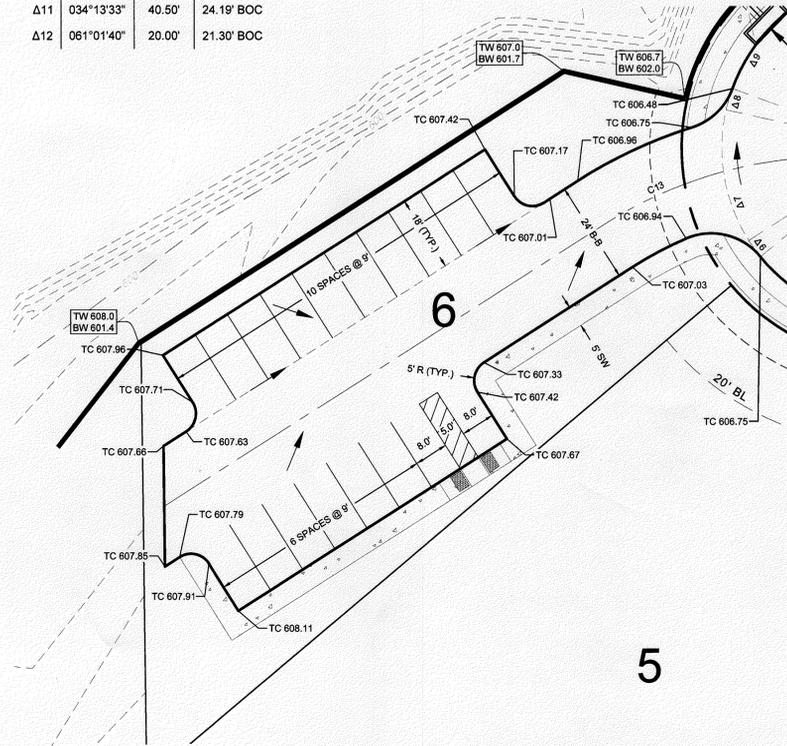
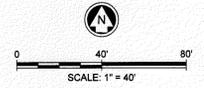
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NO.	DELTA	RADIUS	LENGTH
Δ2	044°38'14"	20.00'	15.58' BOC
Δ3	001°49'13"	40.50'	1.29' BOC
Δ4	045°11'00"	40.50'	31.94' BOC
Δ5	042°11'30"	40.50'	29.82' BOC
Δ6	006°41'26"	40.50'	4.73' BOC
Δ7	052°34'29"	40.50'	37.16' BOC
Δ8	052°34'29"	40.50'	37.16' BOC
Δ9	024°12'39"	40.50'	17.11' BOC
Δ10	058°50'20"	40.50'	41.59' BOC
Δ11	034°13'33"	40.50'	24.19' BOC
Δ12	061°01'40"	20.00'	21.30' BOC

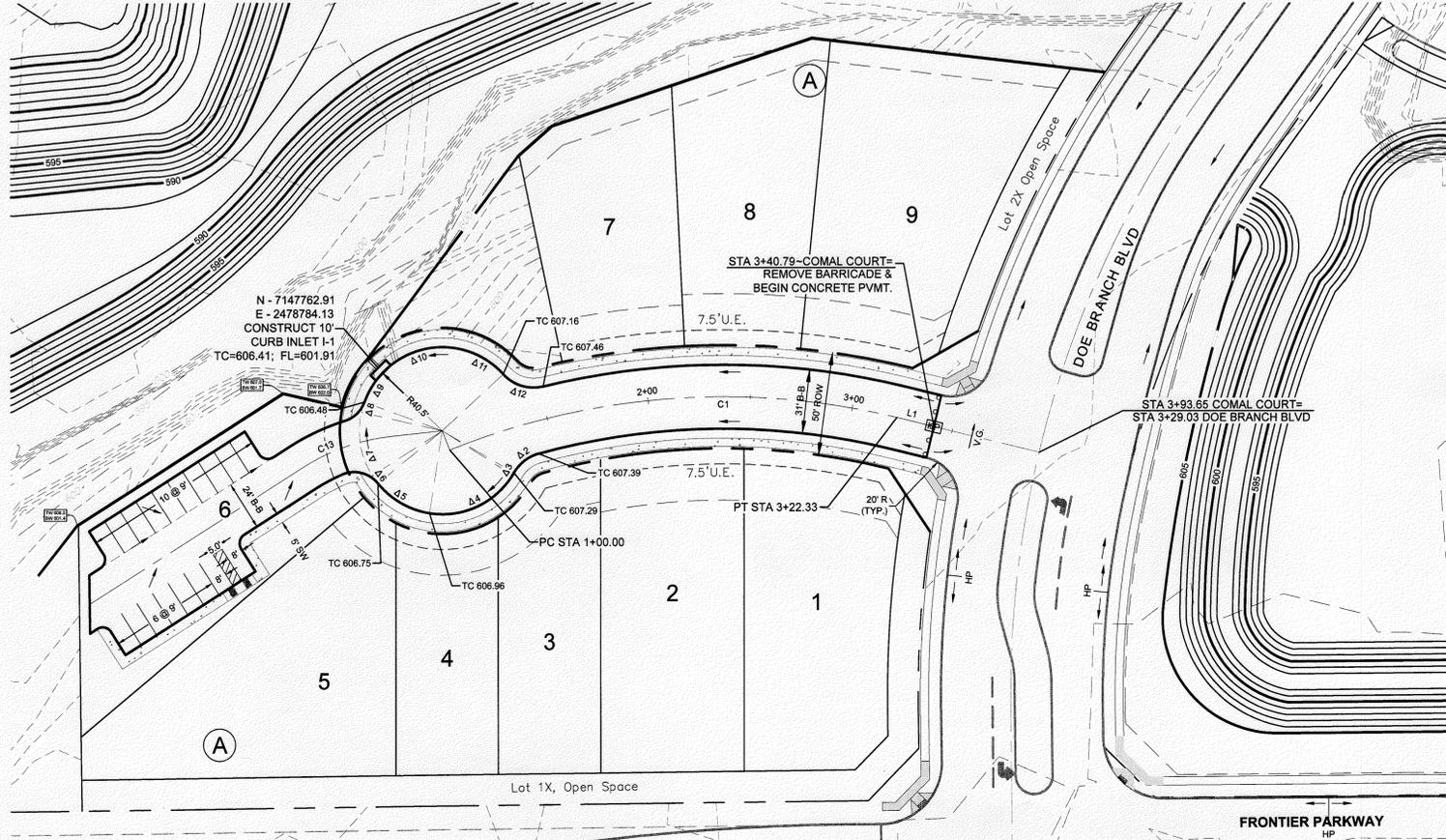
LINE TABLE		
LINE	LENGTH	BEARING
L1	71.32'	S76° 23' 36"E

CURVE TABLE						
CURVE	DELTA	RADIUS	TANGENT	LENGTH	CHORD	BEARING
C1	035° 23' 05"	360.00'	114.84'	222.33'	218.81'	N85° 54' 51"E
C13	026° 12' 16"	100.00'	23.27'	45.74'	45.34'	S70° 43' 33"W

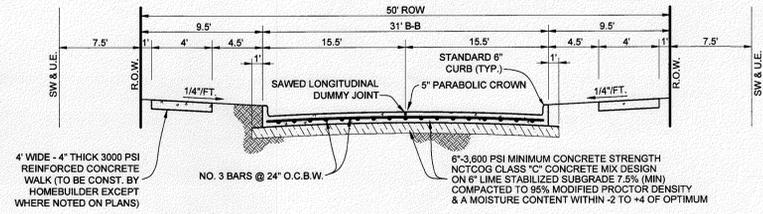
BM #4 Box-cut set on the northeast corner of the west headwall located on the east side of Dallas Parkway, +/- 1050 feet north of the intersection of Dallas Parkway and Frontier Parkway. Elevation = 618.61
 BM #6 Box-cut set on the northwest corner of the west headwall located +/- 320 feet south of Frontier Parkway and +/- 14 feet west of the centerline of Legacy Drive. Elevation = 599.39



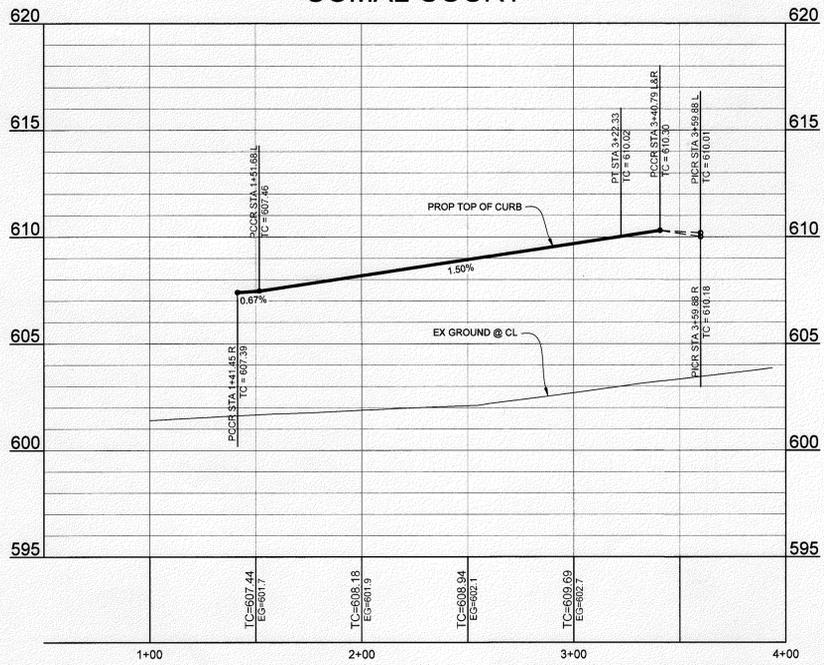
PARKING LOT DETAIL
SCALE: 1"=20'



COMAL COURT



TYPICAL 31\'' B-B PAVEMENT SECTION
N.T.S.



WARNING: CONTRACTOR TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

STOP!
CALL BEFORE YOU DIG
TEXAS ONE CALL SYSTEM
1-800-245-4545
(@ least 48 hours prior to digging)

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY ERIC S. HINKLIN, P.E. No. 100268. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

CITY OF CELINA ENGINEERING DEPARTMENT
RELEASED FOR CONSTRUCTION
DATE 10/4/16 BY [Signature]

PRIOR TO CONSTRUCTION, THE OWNER OR THEIR REPRESENTATIVE SHALL NOTIFY THE CITY OF CELINA ENGINEERING DEPARTMENT AT 972-382-2682 x1081. CONSTRUCTION DRAWINGS STAMPED BY THE CITY OF CELINA SHALL BE ON THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION. THE CITY OF CELINA STANDS SPECIFICATIONS FOR CONSTRUCTION SHALL TAKE PRECEDENCE OVER THESE PLANS WHENEVER IN CONFLICT THEREWITH. DISCLAIMER: ALL NECESSARY APPROVALS AND PERMITS SHALL BE ACQUIRED PRIOR TO CONSTRUCTION.

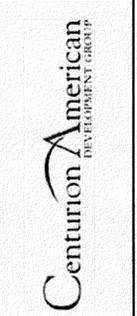
NO.	DATE	REVISION
1		REVISED LOT LINES - LOTS 1-9
		REVISION
		APPROVAL

10875 JOHN W. ELLIOTT DR.
SUITE 400
FRISCO, TX 75033
PHONE: 469-213-1800
TX FIRM NO. 12207

PELOTON
LAND SOLUTIONS



PAVING PLAN & PROFILE
CREEKS OF LEGACY - MODEL HOME PARK
CELINA, COLLIN COUNTY, TEXAS

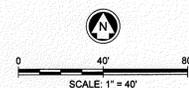
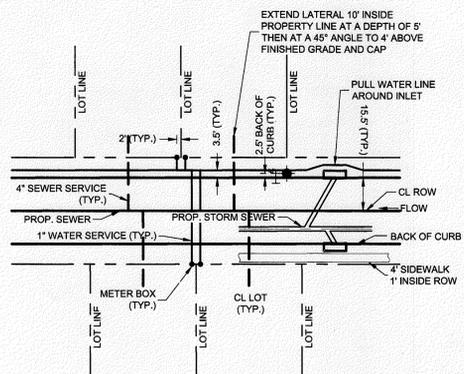


DESIGNED BY: CAL
DRAWN BY: BAW
PROJ. MNGR: ESH
DATE: AUGUST 2015
PLS PROJECT #: CEN13006
CITY PROJECT #: P-201411-01

SHEET
3
OF 18

Drawn: J. Hinklin, P.E. 10/4/16
 Checked: J. Hinklin, P.E. 10/4/16
 Title: Paving Plan & Profile
 Date: 10/4/16
 File: P-201411-01_Paving Plan & Profile.dwg
 Plot Date: 10/4/16 10:30 AM

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NO.	DATE	REVISION	APPROVAL

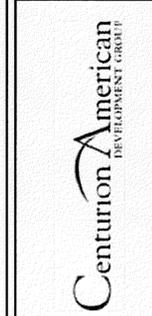
10875 JOHN W. ELLIOTT DR.
 SUITE 400
 FRISCO, TX 75033
 PHONE: 469-213-1800
 TX FIRM NO 12207

PELTON
 LAND SOLUTIONS



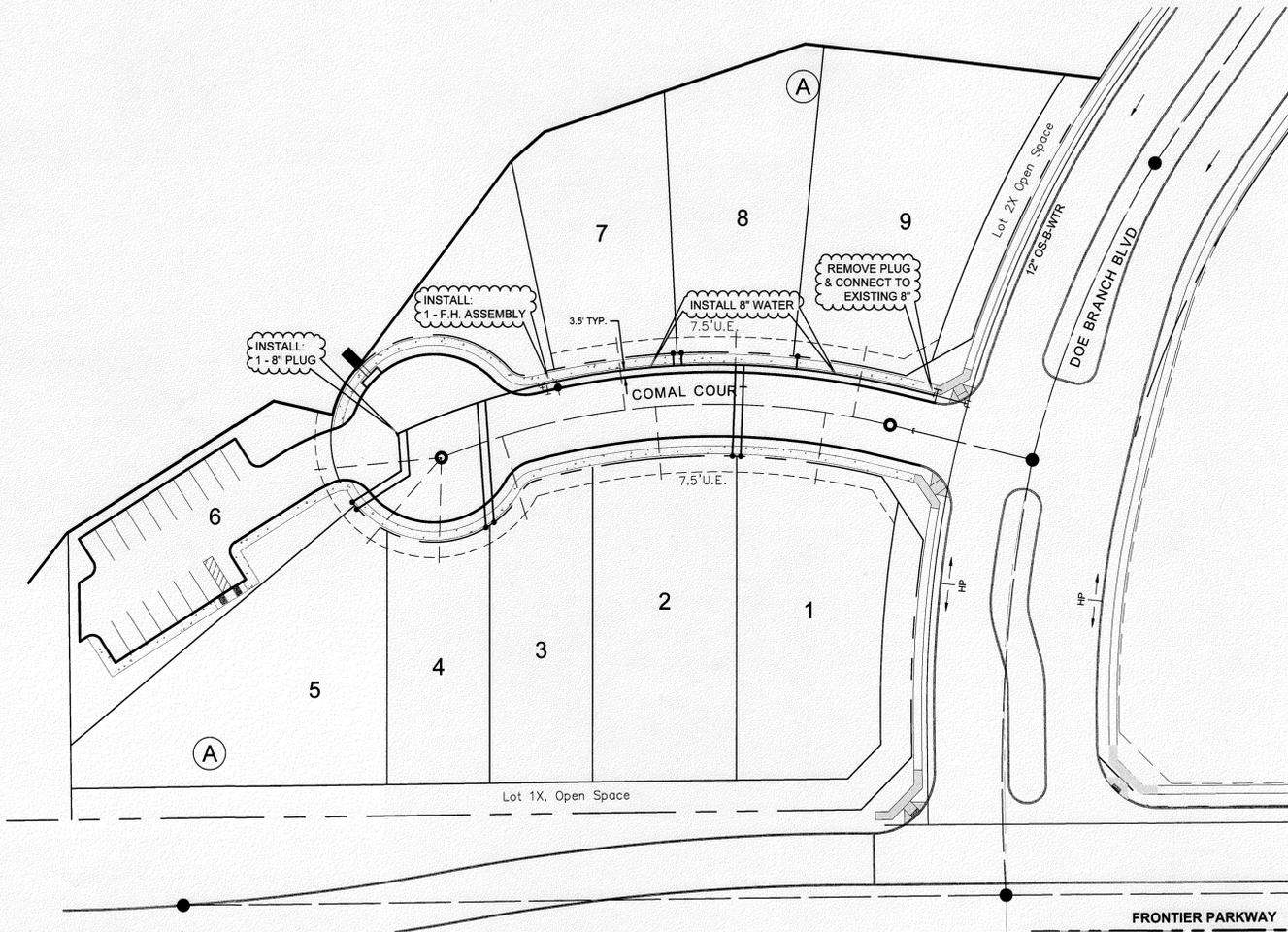
WATER PLAN

CREEKS OF LEGACY - MODEL HOME PARK
 CELINA, COLLIN COUNTY, TEXAS



DESIGNED BY: CAL
DRAWN BY: BAW
PROJ. MNGR: ESH
DATE: AUGUST 2015
PLS PROJECT #: CEN13006
CITY PROJECT #: P-201411-01

SHEET
 5
 OF 18



LEGEND

- PROP. WATER LINE AND VALVE
- PROP. SANITARY SEWER AND MANHOLE
- EXIST. WATER LINE AND VALVE
- PROP. STORM SEWER AND INLET
- PROP. FIRE HYDRANT
- EXIST. FIRE HYDRANT
- EXIST. SANITARY SEWER AND MANHOLE
- PROP. WATER SERVICE
- PROP. SANITARY SEWER SERVICE

NOTES:

FIRE HYDRANT ASSEMBLY INCLUDES HYDRANT, 8"x6" TEE, 6" GATE VALVE, LEADS AND ALL FITTINGS AS SHOWN IN THE CONSTRUCTION DETAIL SHEETS.

WATER MAINS SHALL BE AWWA C-900 OR 905 PVC CLASS 200 UNLESS OTHERWISE NOTED. MINIMUM COVER FOR WATERLINES IS 48" BELOW TOP OF CURB, 60" WHERE NO CURBED STREET IS PRESENT OR AS REQUIRED TO CLEAR EXISTING UTILITIES, WHICHEVER IS GREATER.

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TEXAS ONE CALL SYSTEM
1-800-245-4545
 (@ least 48 hours prior to digging)

CITY OF CELINA
 ENGINEERING DEPARTMENT
 RELEASED FOR CONSTRUCTION

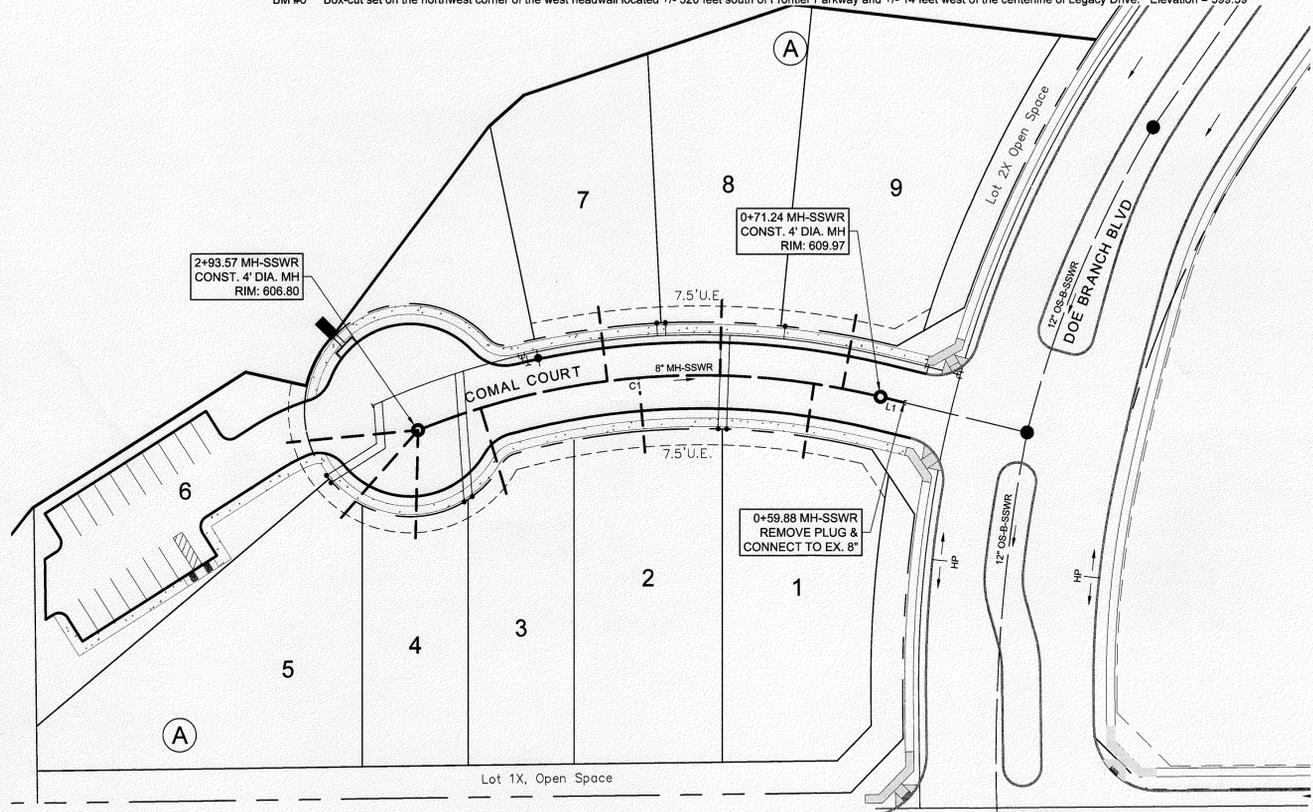
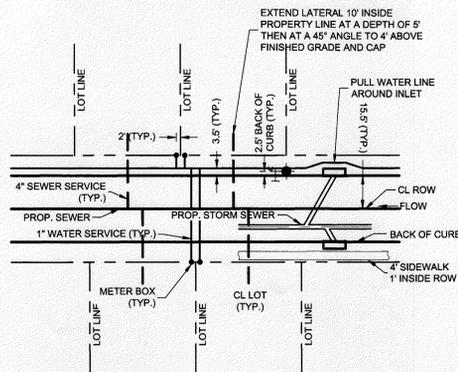
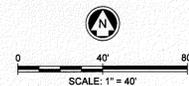
DATE *8/11/15* BY *[Signature]*

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 User: j
 Date: 8/11/2015 3:30 PM

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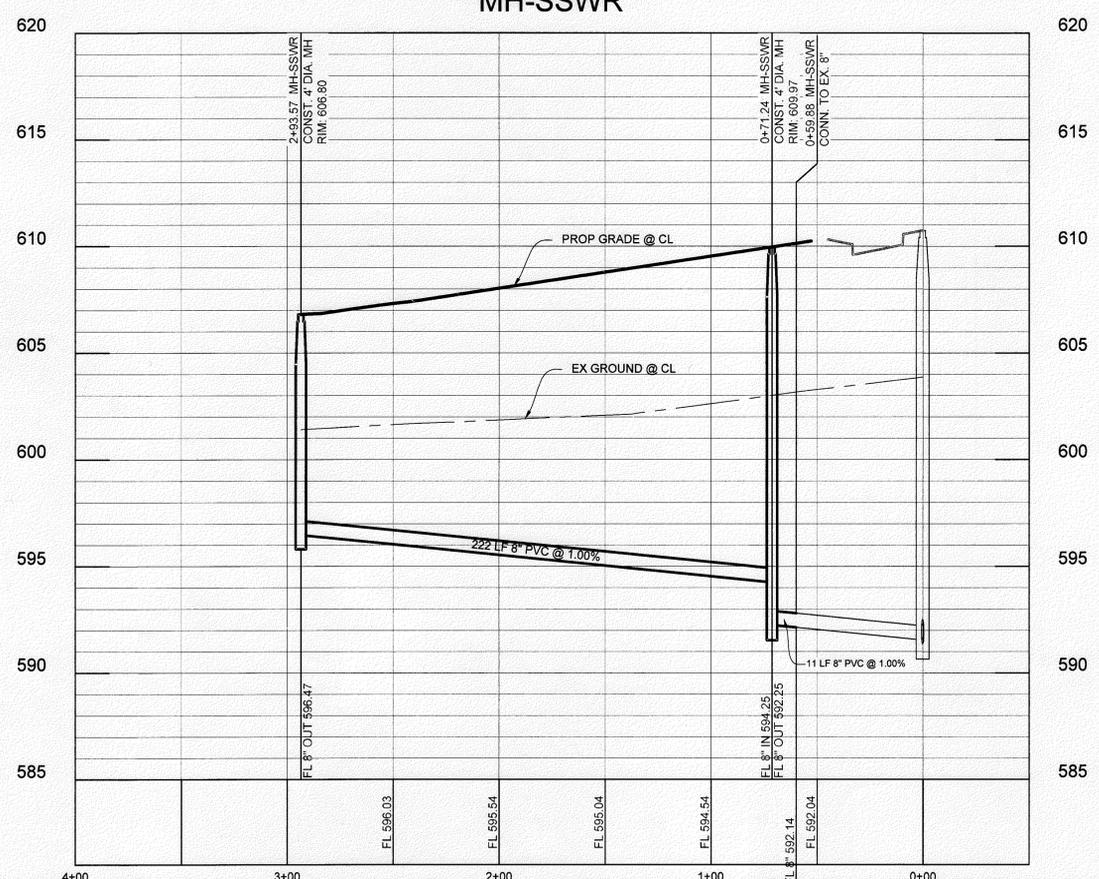
- LEGEND**
- PROP. WATER LINE AND VALVE
 - PROP. SANITARY SEWER AND MANHOLE
 - EXIST. WATER LINE AND VALVE
 - PROP. STORM SEWER AND INLET
 - PROP. FIRE HYDRANT
 - EXIST. FIRE HYDRANT
 - EXIST. SANITARY SEWER AND MANHOLE
 - PROP. WATER SERVICE
 - PROP. SANITARY SEWER SERVICE

LINE TABLE

LINE	LENGTH	BEARING
L1	11.36'	N76° 23' 36"W

CURVE TABLE

CURVE	DELTA	RADIUS	TANGENT	LENGTH	CHORD	BEARING
C1	035° 23' 05"	360.00'	114.84'	222.33'	218.81'	S85° 54' 51"W



NOTES:
 SANITARY SEWER MAINS SHALL BE SDR 35 PVC UNLESS OTHERWISE NOTED.

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TEXAS ONE CALL SYSTEM
1-800-245-4545
 (@ least 48 hours prior to digging)

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CITY OF CELINA ENGINEERING DEPARTMENT
RELEASED FOR CONSTRUCTION
 DATE 10/14/17 BY [Signature]

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10875 JOHN W. ELLIOTT DR.
 SUITE 400
 FRISCO, TX 75033
 PHONE: 469-213-1800
 TX FIRM NO. 12207

PELTON
 LAND SOLUTIONS



SANITARY SEWER PLAN & PROFILE
CREEKS OF LEGACY - MODEL HOME PARK
 CELINA, COLLIN COUNTY, TEXAS



DESIGNED BY: CAL
 DRAWN BY: BAW
 PROJ. MNGR: ESH
 DATE: AUGUST 2015
 PLS PROJECT #: PEN13008
 CITY PROJECT #: P-201411-01

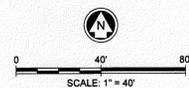
SHEET
6
 OF 18

Drawn: E. Hinklin, P.E. 10/14/17
 List: BAW
 PLS: BAW
 Date: 10/14/17

BM #4 Box-cut set on the northeast corner of the west headwall located on the east side of Dallas Parkway, +/- 1050 feet north of the intersection of Dallas Parkway and Frontier Parkway. Elevation = 618.61
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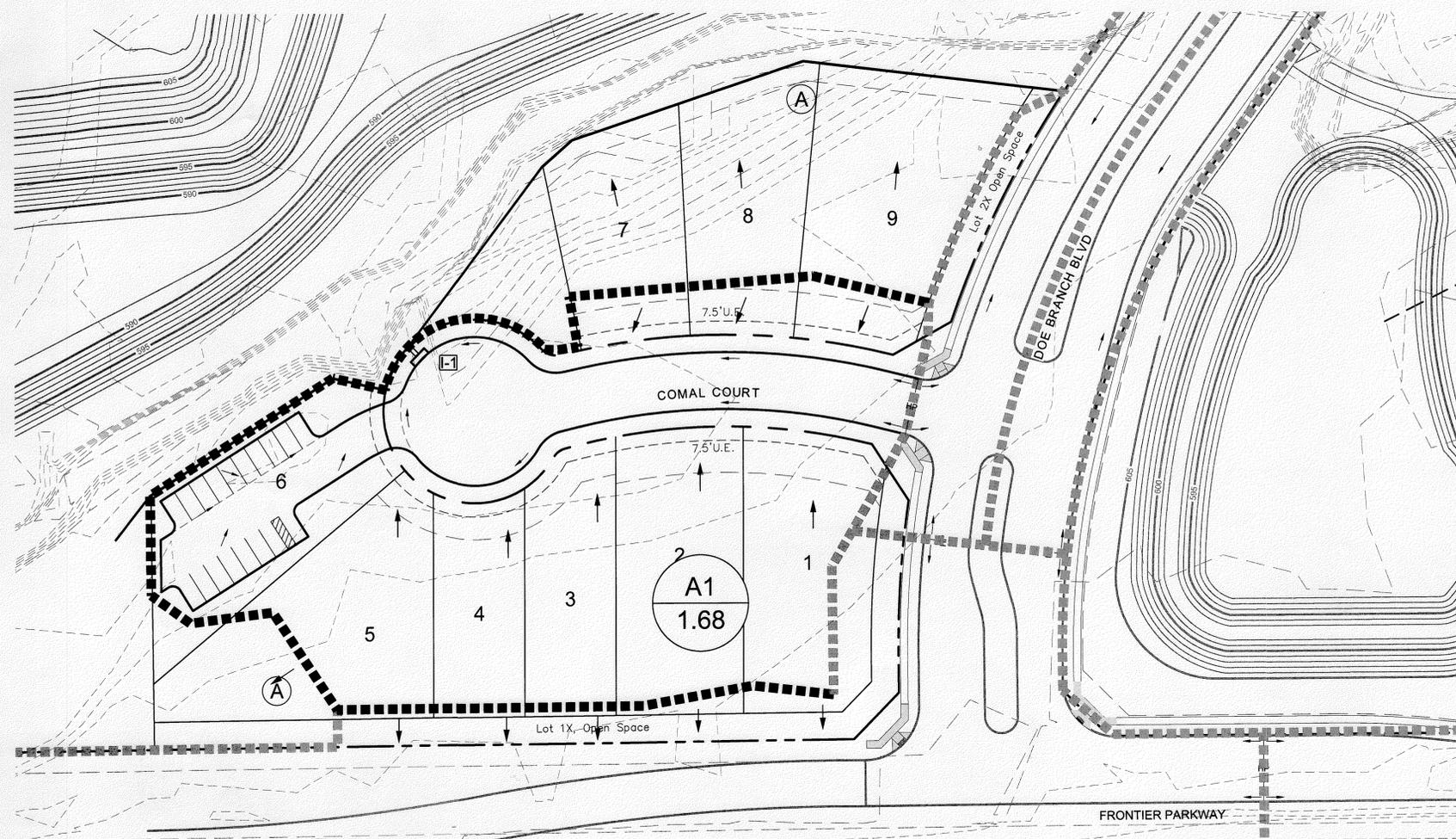
DRAINAGE AREA CALCULATIONS								
Area No.	Acres	Runoff Coeff.	CA	T _c (min.)	i ₂₅ (in./hr.)	Q ₂₅ (c.f.s.)	i ₁₀₀ (in./hr.)	Q ₁₀₀ (c.f.s.)
A1	1.68	0.60	1.01	15.0	6.41	6.46	7.52	7.58

CAPACITY OF CURB OPENING INLETS AND DROP INLETS IN SUMPS													
Design Point	Inlet No.	Gutter Slope "So"	Crown Slope of Pavement	Gutter Flow "Qo" (c.f.s.)	Depth of Gutter "Yo" (ft.)	Depth of Depression "a" (ft.)	Depth of Flow at Opening "y" (ft.)	Capacity of Inlet / Foot of Length "Q/L" (c.f.s./ft.)	Length of Inlet Opening "L" (ft.)	Capacity of Inlet "Q" (c.f.s.)	Carry Over Into Over Flow (c.f.s.)	Percent Q100 Captured	Notes
A1	I-1	0.0067	0.02	7.58	0.50	0.42	0.92	2.63	10	26.33	0.00	100%	



LEGEND

- XX
XX.XX DRAINAGE AREA NUMBER
- XX.XX DRAINAGE AREA (ACRES)
- PROPOSED / FUTURE DRAINAGE DIVIDE
- - - - - EXISTING CONTOURS
- ← FLOW DIRECTION
- I-1 PROPOSED INLET LABEL



NO.	DATE	REVISION	APPROVAL
1		REVISED LOT LINES - LOTS 1-9	

10875 JOHN W. ELLIOTT DR.
 SUITE 400
 FRISCO, TX 75033
 PHONE 469-213-1800
 TX FIRM NO. 12207

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DRAINAGE AREA MAP

CREEKS OF LEGACY - MODEL HOME PARK
 CELINA, COLLIN COUNTY, TEXAS



DESIGNED BY: CAL
 DRAWN BY: BAW
 PROJ. MNGR: ESH
 DATE: AUGUST 2015
 PLS PROJECT #: CEN13006
 CITY PROJECT #: P-201411-01

SHEET
 7
 OF 18

**CITY OF CELINA
 ENGINEERING DEPARTMENT
 RELEASED FOR CONSTRUCTION**

DATE 8/11/15 BY [Signature]

PRIOR TO CONSTRUCTION, THE OWNER OR THEIR REPRESENTATIVE SHALL NOTIFY THE CITY OF CELINA ENGINEERING DEPARTMENT AT 972-382-2682 x1081. CONSTRUCTION DRAWINGS STAMPED BY THE CITY OF CELINA SHALL BE ON THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION. THE CITY OF CELINA STANDARD SPECIFICATIONS FOR CONSTRUCTION SHALL TAKE PRECEDENCE OVER THESE PLANS WHENEVER IN CONFLICT THEREWITH. DISCLAIMER: ALL NECESSARY APPROVALS AND PERMITS SHALL BE ACQUIRED PRIOR TO CONSTRUCTION.

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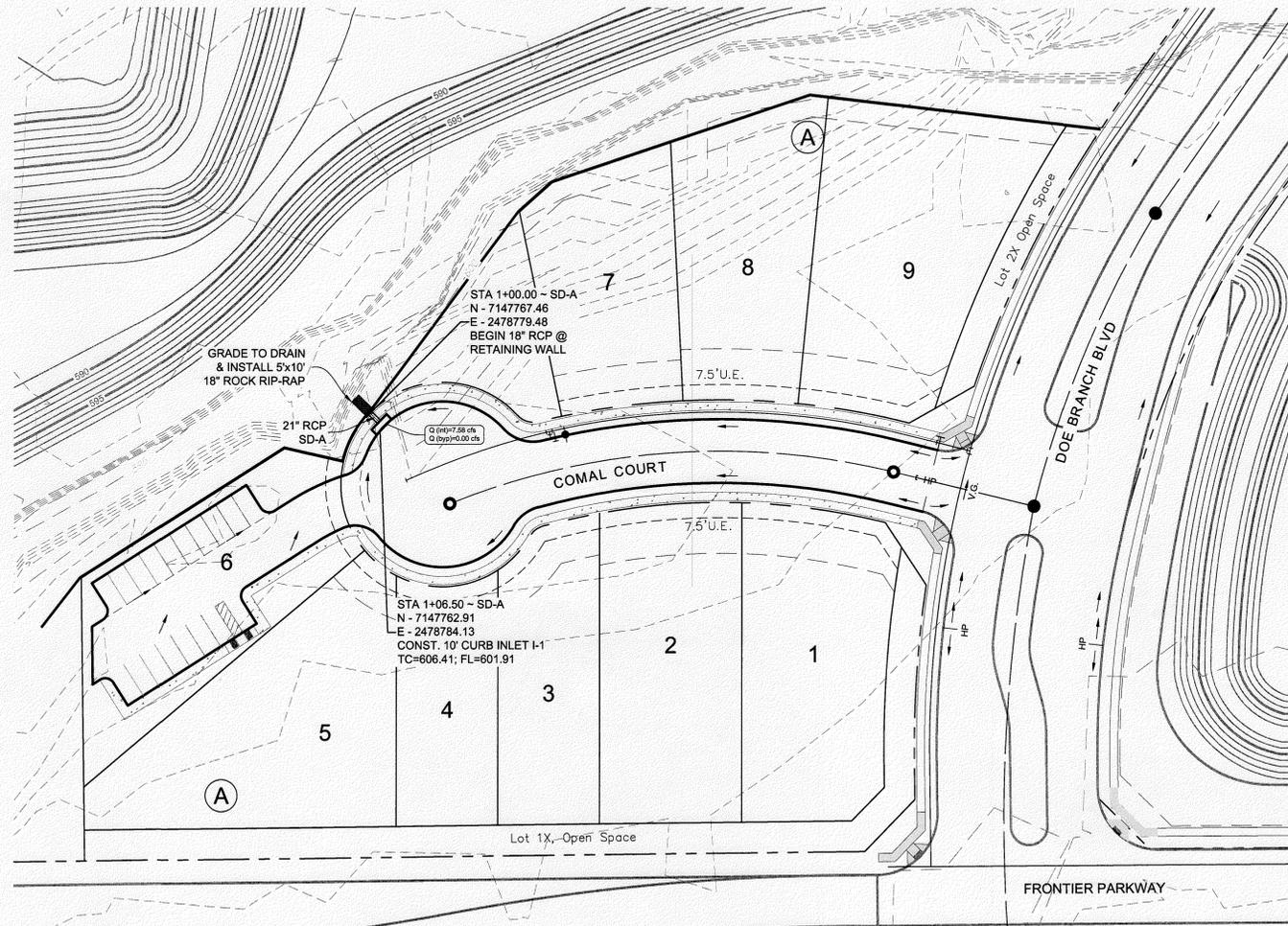
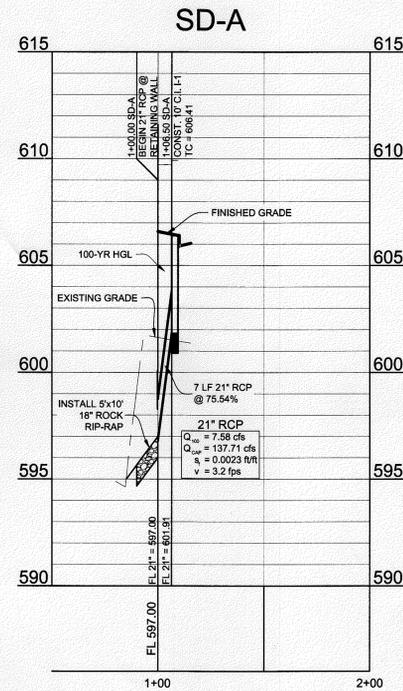
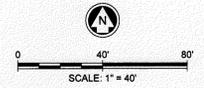
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 User: Erik S. Hinklin
 Date: 8/11/2015 2:30 PM

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BM #4 Box-cut set on the northeast corner of the west headwall located on the east side of Dallas Parkway, +/- 1050 feet north of the intersection of Dallas Parkway and Frontier Parkway. Elevation = 618.61
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HYDRAULIC CALCULATIONS

FROM	TO	Pipe Length feet	Drainage Area			Runoff Coeff	Incr. "CA"	Total "CA"	Time of Concentration			100-Year Intensity "I"	Q 100 Runoff "Q"	Inlet Bypass "Q"	Q in Pipe "Q"	Storm Pipe Diameter (in.)	Manning n	Hydr Grade (ft./ft.)	Hydraulic Grade Line Elevation		Head Loss Calculations				Head Loss at Structure (feet)	Design HGL (feet)	TC Elev (feet)	Comments				
			Incremental Area "A"	Area "A"	Total Area "A"				Inlet Time (min.)	Travel Time (min.)	Total Time (min.)								Dwnstm Elev.	Upstm Elev.	V1 Flow (in) (f.p.s.)	V2 Flow (Out) (f.p.s.)	V1 ² / 2g (feet)	V2 ² / 2g (feet)					Loss Coeff (K)	KV1 ² / 2g (feet)		
SD A	107.00	100.00	7.00	A1	1.68	1.68	0.60	1.01	1.01	15.00	0.04	15.04	7.52	7.58	0.00	7.58	21	0.013	0.0023	604.73	604.71					3.15	0.15	1.25	0.19	604.92	606.41	



- LEGEND**
- PROP. WATER LINE AND VALVE
 - PROP. SANITARY SEWER AND MANHOLE
 - EXIST. WATER LINE AND VALVE
 - PROP. STORM SEWER AND INLET
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**CITY OF CELINA
 ENGINEERING DEPARTMENT
 RELEASED FOR CONSTRUCTION**
 DATE 10/14/15 BY

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10875 JOHN W. ELLIOTT DR.
 SUITE 400
 FRISCO, TX 75033
 PHONE: 469-213-1800
 TX FIRM NO 12207

PELOTON
 LAND SOLUTIONS

REVISED LOT LINES - LOTS 1-9
 PREPARED BY: [Signature]
 DATE: 7/9/15



STORM DRAIN PLAN & PROFILE
 CREEKS OF LEGACY - MODEL HOME PARK
 CELINA, COLLIN COUNTY, TEXAS

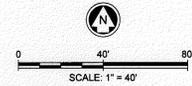


DESIGNED BY: CAL
 DRAWN BY: BAW
 PROJ. MNGR: ESH
 DATE: AUGUST 2015
 PLS PROJECT #: CEN13006
 CITY PROJECT #: P-201411-01

SHEET
 8
 OF 18

Drawn: J. Hinklin, 10/14/15, 10:00 AM; Checked: J. Hinklin, 10/14/15, 10:00 AM; Title Block: J. Hinklin, 10/14/15, 10:00 AM; Plot: J. Hinklin, 10/14/15, 10:00 AM

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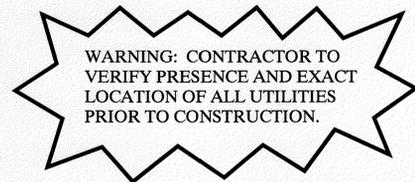


LEGEND

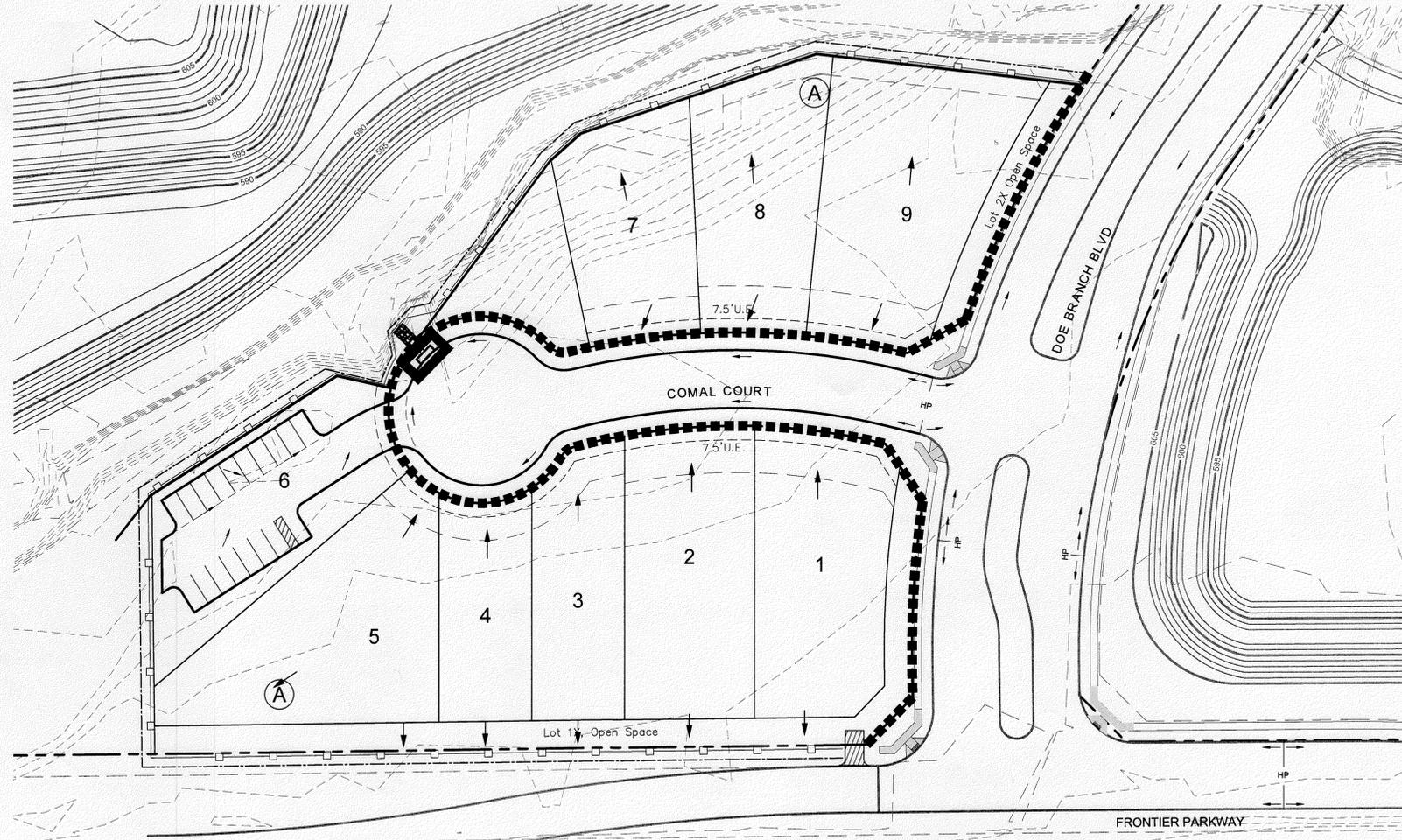
- PHASE 1**
- SILT FENCE BY EARTHWORK CONTRACTOR (NO STEEL POSTS IN R.O.W.)
 - STABILIZED CONSTRUCTION ENTRANCE
- PHASE 2**
- ROCK CHECK DAM
- PHASE 3**
- INLET PROTECTION BY PAVING CONTRACTOR
 - CURLEX (4' OR 8') APPLIED AFTER PAVING W/ SILT FENCE AT ROW
- EXISTING CONTOURS
 - FLOW DIRECTION
 - LIMITS OF GRADING
 - JURISDICTIONAL WATERS OF THE U.S.

NOTES:

1. REFER TO SHEET 10 FOR EROSION CONTROL DETAILS.
2. ALL AREAS GREATER THAN 10 ACRES DRAIN TO CONSTRUCTED PONDS OR APPROPRIATE EROSION CONTROL MEASURES
3. CONTRACTOR SHALL POLICE SITE REGULARLY AND KEEP SITE FREE OF TRASH AND CONSTRUCTION DEBRIS. CONTRACTOR IS REQUIRED TO REPAIR AND/OR REPLACE DAMAGED EROSION CONTROL DEVICES.
4. PHASE 1: WEEKLY INSPECTIONS WILL BE PROVIDED DURING EARTHWORK PROCESS. PHASE 2: INSPECTION SCHEDULES TO BE PROVIDED BY EACH RESIDENTIAL PHASE DEVELOPERS, UTILITY CONTRACTOR, AND SWPPP CONSULTANT. PHASE 3: INSPECTION SCHEDULES TO BE PROVIDED BY EACH RESIDENTIAL PHASE DEVELOPERS, PAVING CONTRACTOR, AND SWPPP CONSULTANT.



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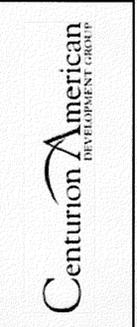
APPROVAL	
REVISION	
DATE	
REV.	

10875 JOHN W. ELLIOTT DR.
 SUITE 400
 FRISCO, TX 75033
 PHONE: 469-213-1800
 TX FIRM NO. 12207

PELOTON
 LAND SOLUTIONS



EROSION CONTROL PLAN
CREEKS OF LEGACY - MODEL HOME PARK
CELINA, COLLIN COUNTY, TEXAS



DESIGNED BY: CAL
DRAWN BY: BAW
PROJ. MNGR: ESH
DATE: AUGUST 2015
PLS PROJECT #: CEN13006
CITY PROJECT #: P-201411-01

SHEET
9
 OF 18

CITY OF CELINA
ENGINEERING DEPARTMENT
RELEASED FOR CONSTRUCTION
 DATE 10/14/15 BY [Signature]

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Objects: P:\CEN13006\Legacy\1702\Model Home\Sheet\CEN13006_EROS.BIM
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 Date: 10/14/2015 3:47 PM
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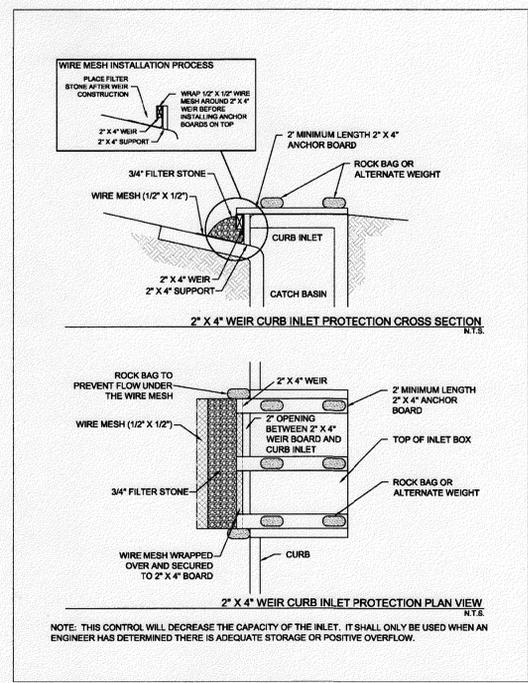
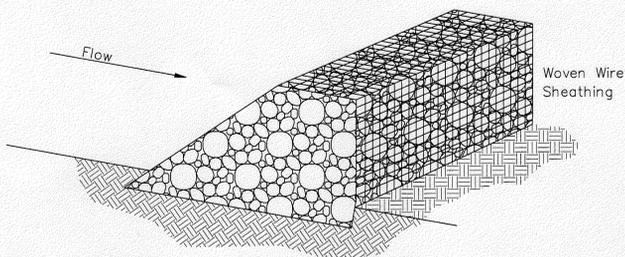


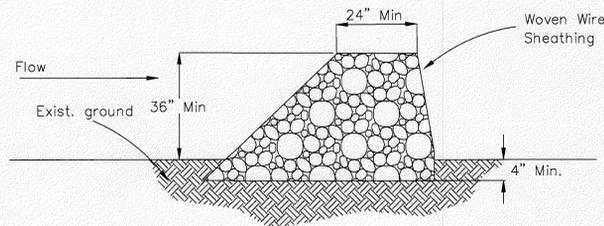
Figure 3.5 Schematics of 2'x4' Weir Curb Inlet Protection
(Source: Modified from Washington Suburban Sanitary Commission Detail SC-16.0)

Inlet Protection Revised 04/10 CC-87

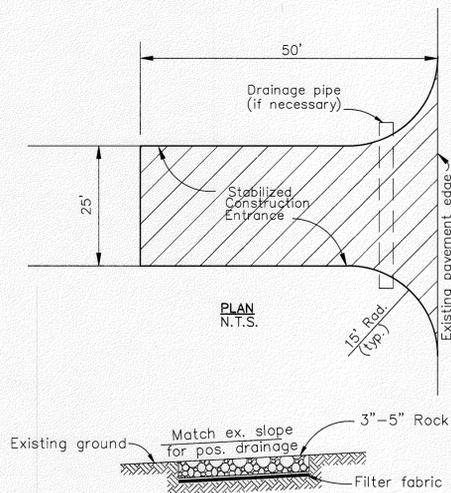


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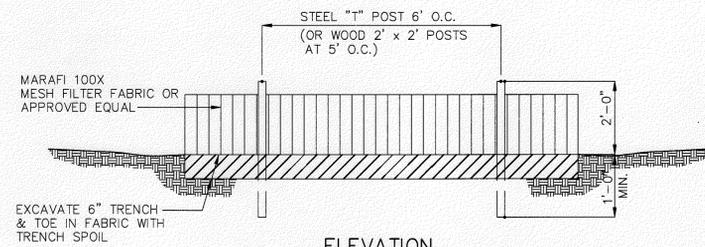
- STONE OUTLET STRUCTURE:
1. Rock shall be open graded rock 4-8 inches in diameter.
 2. Rock berm shall be enclosed by a woven wire sheathing with a maximum opening of one inch and a minimum wire size of 20 gauge.
 3. When silt reaches a depth equal to one-third of the height of the berm or one foot, whichever is less, the silt shall be removed and disposed of at an acceptable location.



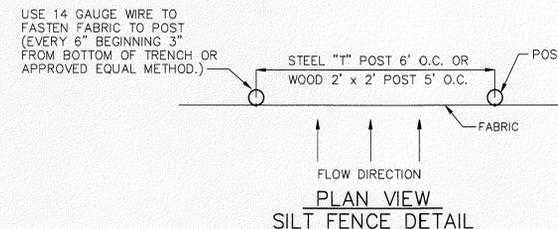
SECTION
N.T.S.



SECTION
N.T.S.
CONSTRUCTION ENTRANCE



ELEVATION
NO STEEL POSTS IN R.O.W.



PLAN VIEW
SILT FENCE DETAIL

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FRISCO, TX 75033
PHONE: 469-213-1800
TX FIRM NO 12207

PELOTON
LAND SOLUTIONS

EROSION CONTROL DETAILS
CREEKS OF LEGACY - MODEL HOME PARK
CELINA, COLLIN COUNTY, TEXAS

Centurion American
DEVELOPMENT GROUP

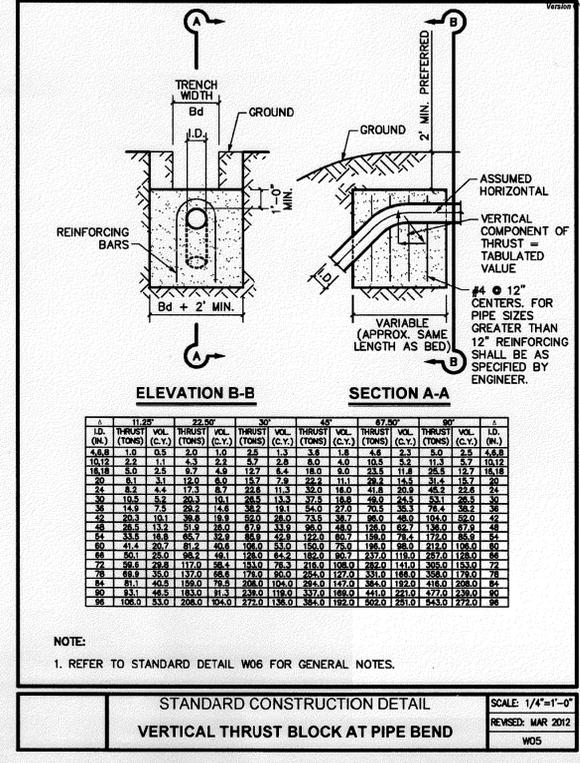
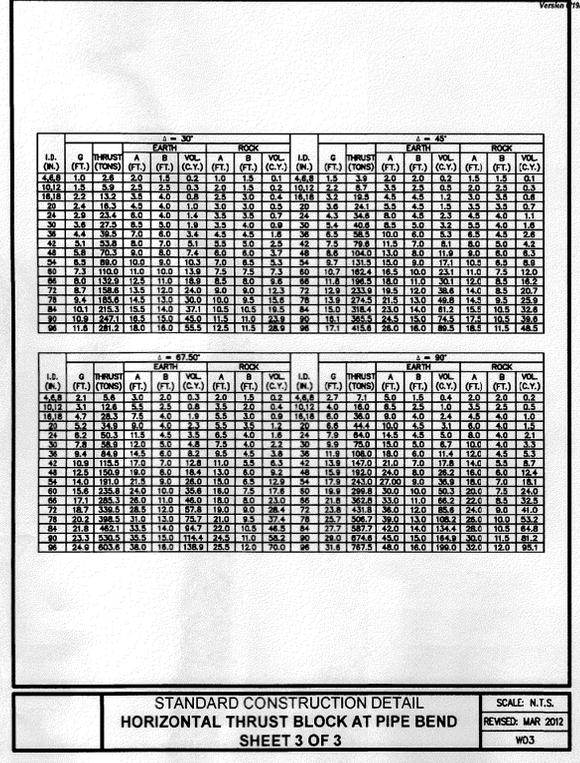
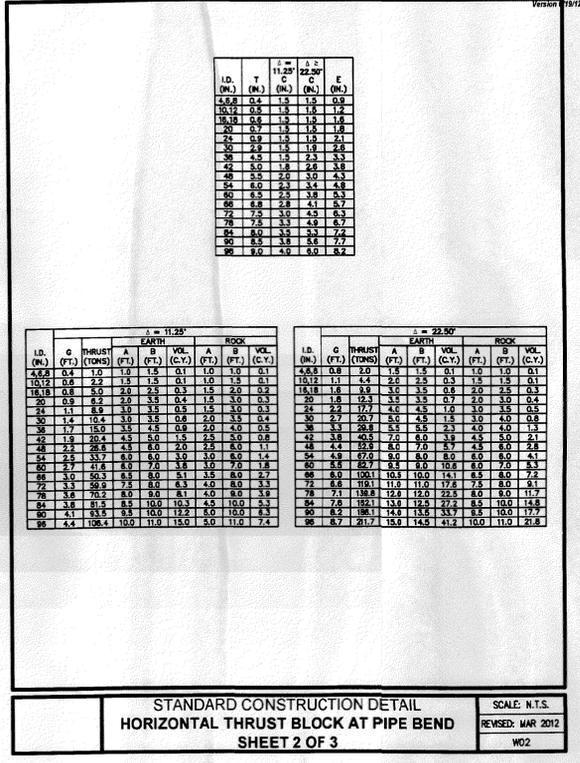
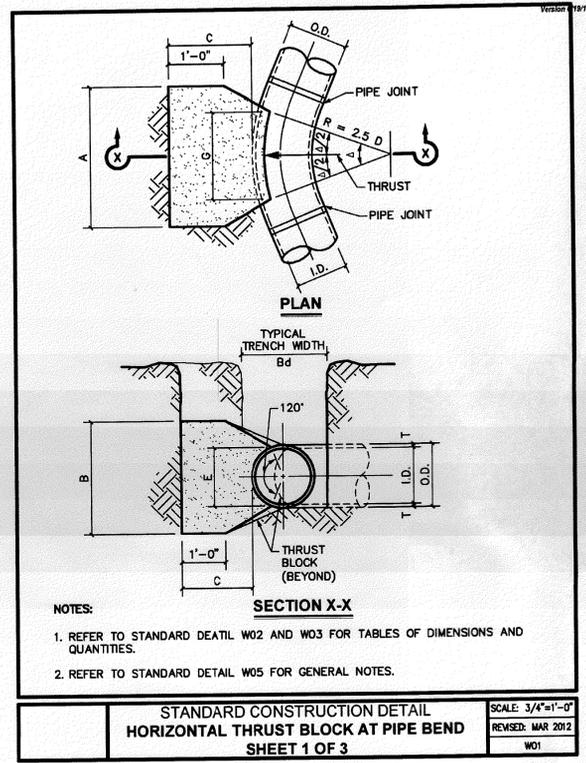
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DRAWN BY: BAW
PROJ. MNGR: ESH
DATE: AUGUST 2015
PLS PROJECT #: CEN13006
CITY PROJECT #: P-201411-01

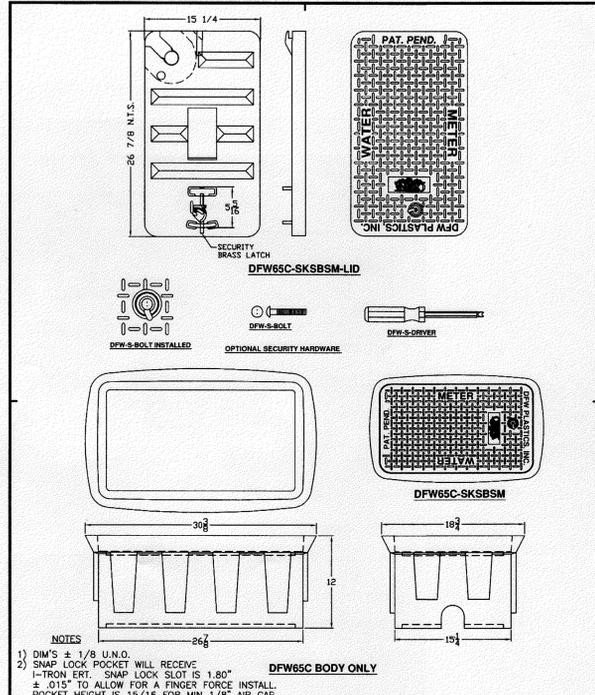
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OF 18

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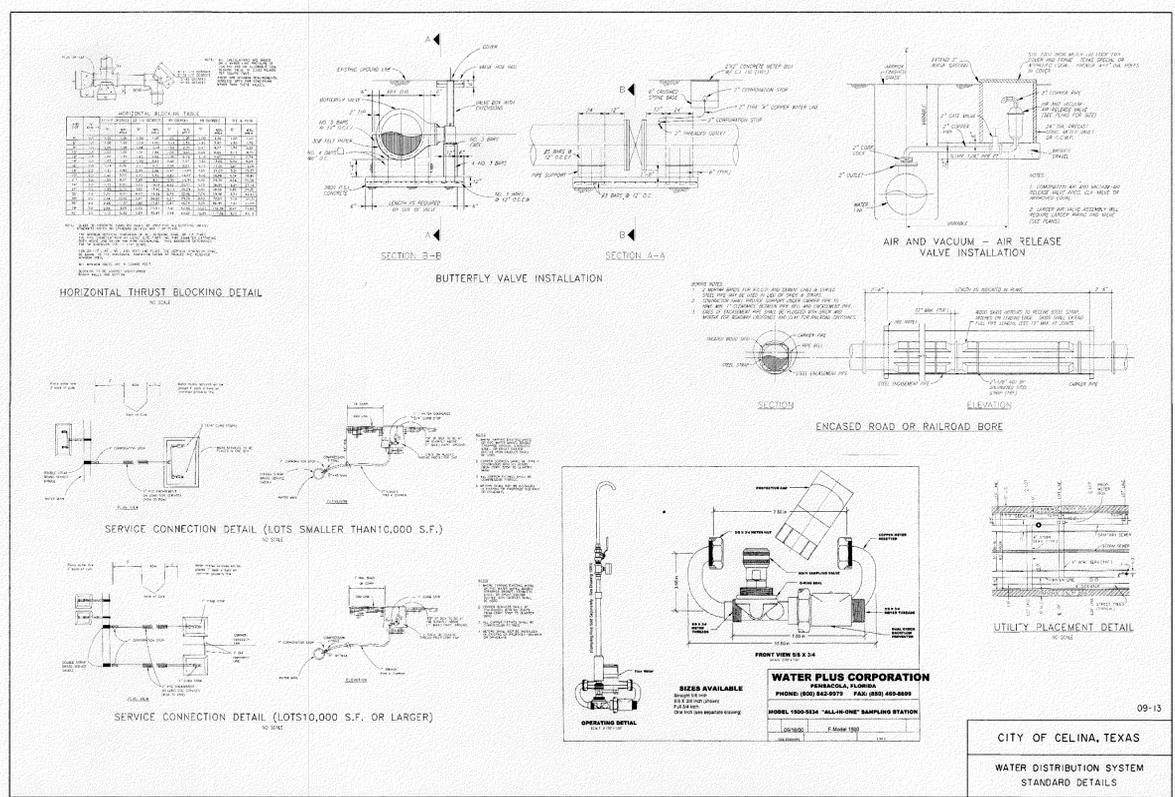


NOTES
 1) DIM'S ± 1/8 U.N.O.
 2) SNAP LOCK POCKET WILL RECEIVE 1" IRON ERT. SNAP LOCK SLOT IS 1.80" ± .015" TO ALLOW FOR A FINGER FORCE INSTALL. POCKET HEIGHT IS 15/16 FOR MIN 1/8" AIR GAP.

DFW
 DFW PLASTICS, INC.
 1001 JARVIS RD
 FORT WORTH, TX 76179
 (817) 439-3600
 (817) 439-3700 (F)
 www.dfwplastics.com

CITY OF CELINA
 DFW65C-SKSBSM

FILE NAME:
 CITY OF CELINA
 DFW65C-12-SKSBSM.DWG
 UPDATED: 01/28/08
 DRAWN BY: J.C.A.
 PLOT SCALE: 1:10



09-13
 CITY OF CELINA, TEXAS
 WATER DISTRIBUTION SYSTEM
 STANDARD DETAILS

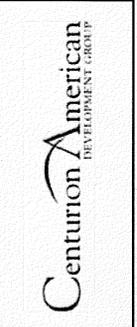
NO.	DATE	REVISION	APPROVAL

10875 JOHN W. ELLIOTT DR.
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 FRISCO, TX 75033
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 TX FIRM NO 12207

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WATER DETAILS
 CREEKS OF LEGACY - MODEL HOME PARK
 CELINA, COLLIN COUNTY, TEXAS



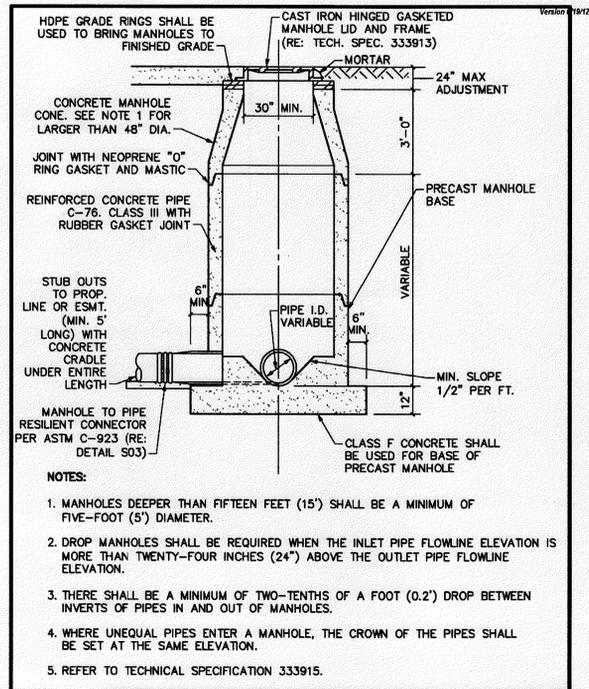
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 DRAWN BY: BAW
 PROJ. MNGR: ESH
 DATE: AUGUST 2015
 PLS PROJECT #: CEN13006
 CITY PROJECT #: P-201411-01

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 OF 18

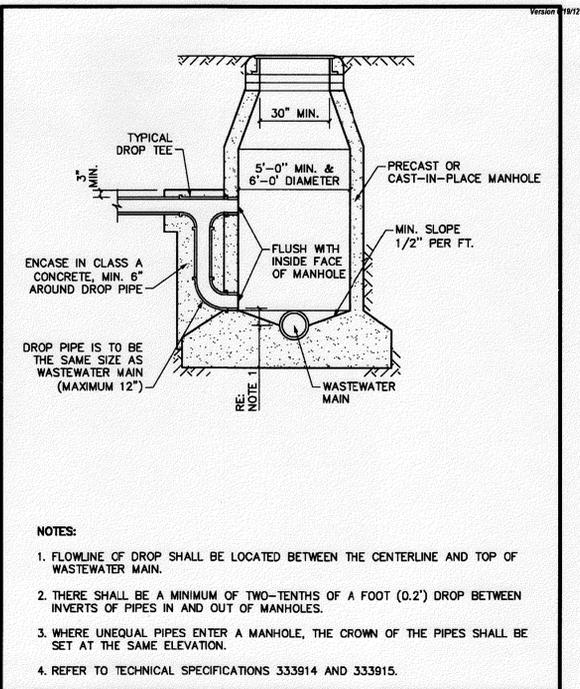
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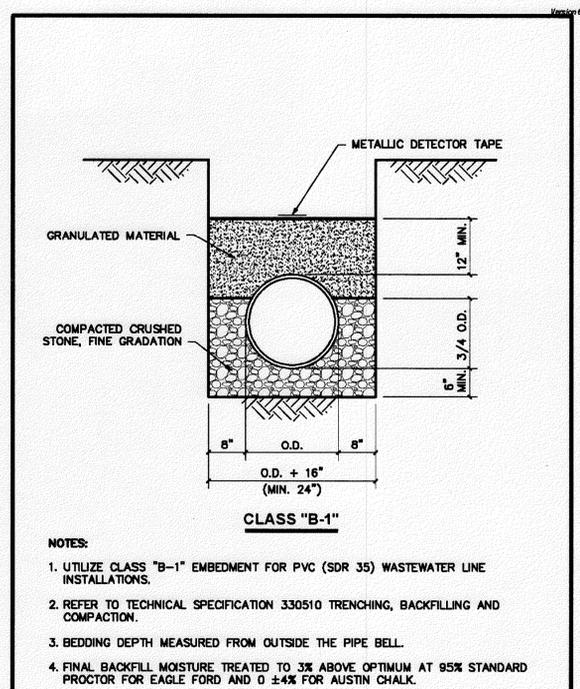
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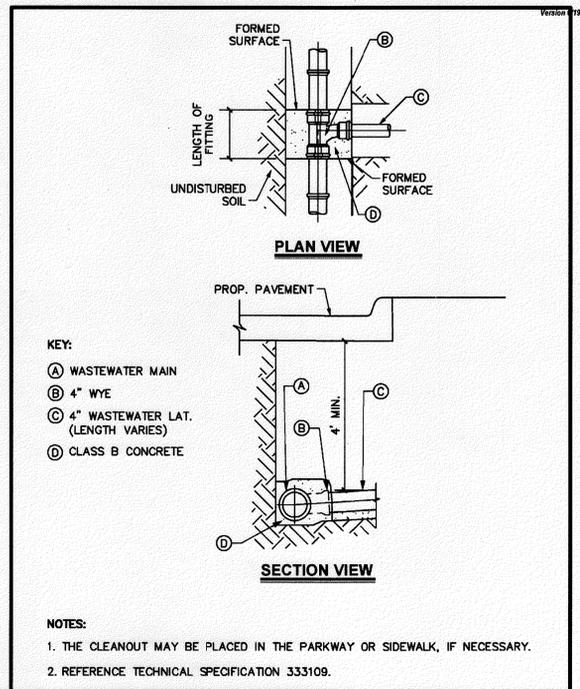
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 REVISED: MAR 2012
 S02



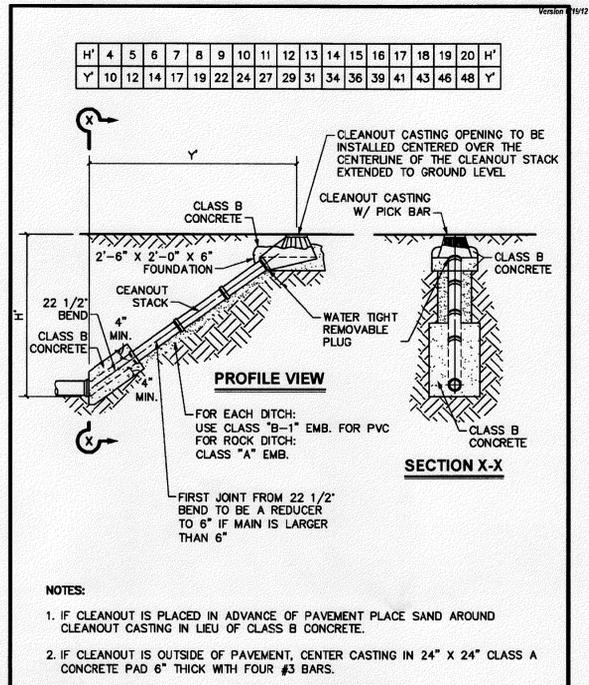
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MANHOLE DROP CONNECTION
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 REVISED: MAR 2012
 S06



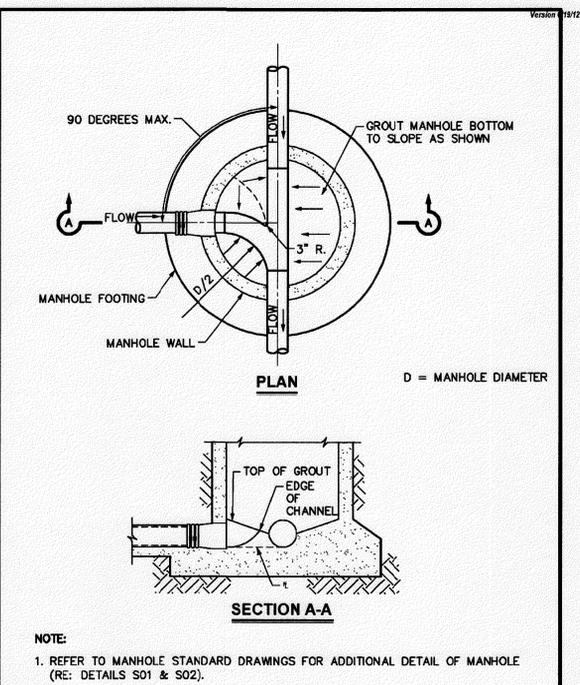
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EMBEDMENT "B-1" (WASTEWATER)
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 REVISED: APRIL 2012
 U04



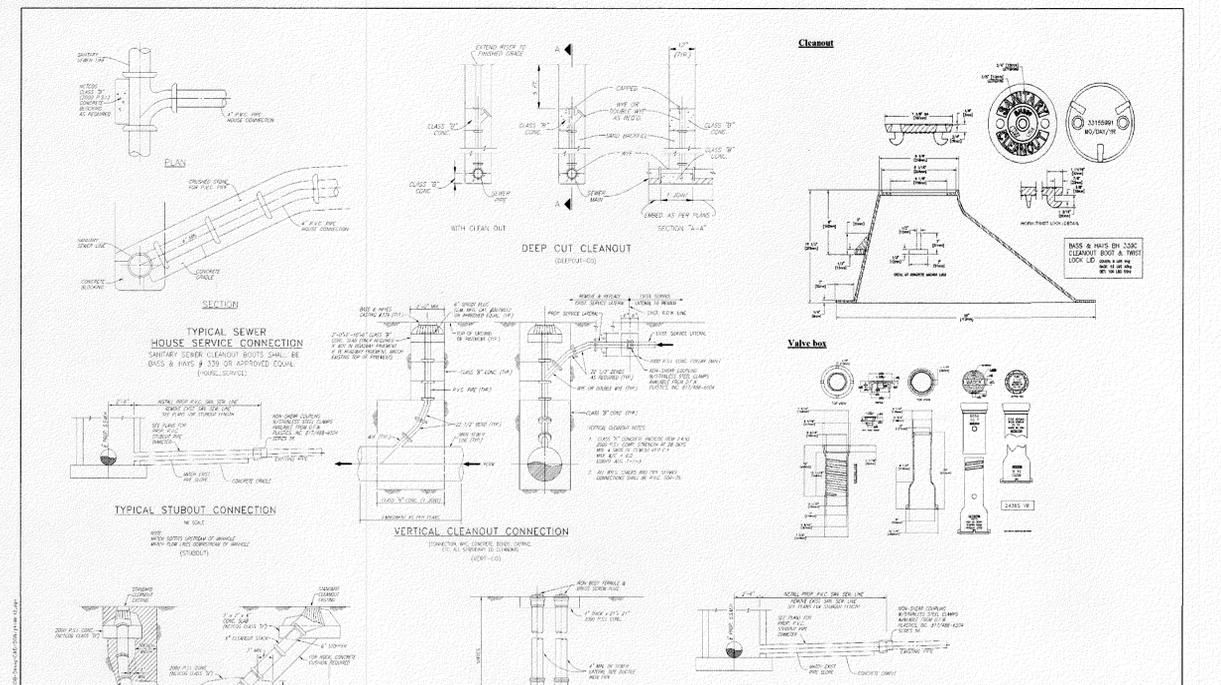
STANDARD CONSTRUCTION DETAIL
WASTEWATER LATERAL
 SCALE: 1/2"=1'-0"
 REVISED: MAR 2012
 S11



STANDARD CONSTRUCTION DETAIL
WASTEWATER MAIN CLEANOUT
 SCALE: 3/8"=1'-0"
 REVISED: MAR 2012
 S10



STANDARD CONSTRUCTION DETAIL
WASTEWATER MANHOLE LINE INTERSECTION
 SCALE: 3/8"=1'-0"
 REVISED: MAR 2012
 S07



STANDARD CONSTRUCTION DETAIL
STANDARD CLEANOUT
 SCALE: 3/8"=1'-0"
 REVISED: MAR 2012
 S08

STANDARD CONSTRUCTION DETAIL
TYPICAL TWO WAY CLEANOUT
 SCALE: 3/8"=1'-0"
 REVISED: MAR 2012
 S09

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 TX FIRM NO 12207

PELOTON
 LAND SOLUTIONS

ERIK S. HINKLIN
 LICENSED PROFESSIONAL ENGINEER
 100268
 PELOTON LAND SOLUTIONS
 TEXAS FIRM NO. 12207

SANITARY SEWER DETAILS
 CREEKS OF LEGACY - MODEL HOME PARK
 CELINA, COLLIN COUNTY, TEXAS

Centurion American
 DEVELOPMENT GROUP

DESIGNED BY: CAL
 DRAWN BY: BAW
 PROJ. MGR: ESH
 DATE: AUGUST 2015
 PLS PROJECT #: CEN13006
 CITY PROJECT #: P-201411-01

SHEET
 14
 OF 18

Drawn: J. LARSON/CEM/08/08/15
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 PLOT: 08/08/15 11:17 AM

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Drawn by: J. Hinklin, P.E. 10/20/2015
Checked by: J. Hinklin, P.E. 10/20/2015
Date: 10/20/2015
Time: 11:17 AM

**SECTION 333915
PRECAST CONCRETE MANHOLES**

PART 1 - GENERAL

1.01 DESCRIPTION

A. All material, labor, equipment, tools and superintendence necessary to furnish and install Precast Concrete Manholes in accordance with *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.1.

1.02 REFERENCES

A. ASTM C478 Standard Specification for Precast Reinforced Concrete Manhole Sections Latest Revision.
B. *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.1

1.03 RELATED SECTIONS

A. Section 333913 - Wastewater Manhole Frames and Covers
B. Section 330131 - Wastewater and Manhole Testing

PART 2 - PRODUCTS

2.01 MATERIALS

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.1.1.1.
B. A manhole-pipe connection must use water tight, size on size resilient connectors that allow for different settlement and must conform to ASTM C923.
C. A manhole located in a roadway or other paved area subject to vehicular traffic must meet or exceed the American Association of State Highways and Transportation Officials standard M-306 for load bearing.

PART 3 - EXECUTION

3.01 CONSTRUCTION

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Items 502.1.4.
B. For fifteen inch (15") to twenty-seven inch (27") wastewater mains, the manhole shall have a minimum diameter of five feet (5').
C. For wastewater mains larger than twenty-seven inches (27"), the manhole shall have a minimum diameter of six feet (6').

D. Manholes deeper than fifteen feet (15') shall have a minimum diameter of five feet (5').

E. The exterior of all concrete manholes shall be coated with bituminous waterproofing material.

PART 4 - MEASUREMENT AND PAYMENT

4.01 MEASUREMENT

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.1.6.

4.02 PAYMENT

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.1.6.

END OF SECTION

**SECTION 333914
CAST-IN-PLACE CONCRETE MANHOLES**

PART 1 - GENERAL

1.01 DESCRIPTION

A. All material, labor, equipment, tools and superintendence necessary to furnish and install Cast-in-Place Concrete Manholes in accordance with *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.1.

1.02 REFERENCES

A. *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.1

1.03 RELATED SECTIONS

A. Section 333913 - Wastewater Manhole Frames and Covers
B. Section 330131 - Wastewater and Manhole Testing

PART 2 - PRODUCTS

2.01 MATERIALS

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.1.4.1.1.
B. A manhole-pipe connection must use water tight, size on size resilient connectors that allow for different settlement and must conform to ASTM C923.
C. A manhole located in a roadway or other paved area subject to vehicular traffic must meet or exceed the American Association of State Highways and Transportation Officials standard M-306 for load bearing.

PART 3 - EXECUTION

3.01 CONSTRUCTION

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Items 502.1.4.
B. For fifteen inch (15") to twenty-seven inch (27") wastewater mains, the manhole shall have a minimum diameter of five feet (5').
C. For wastewater mains larger than twenty-seven inches (27"), the manhole shall have a minimum diameter of six feet (6').
D. Manholes deeper than fifteen feet (15') shall have a minimum diameter of five feet (5').

E. The exterior of all concrete manholes shall be coated with bituminous waterproofing material.

PART 4 - MEASUREMENT AND PAYMENT

4.01 MEASUREMENT

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.1.6.

4.02 PAYMENT

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.1.6.

END OF SECTION

**SECTION 330510
TRENCHING, BACKFILLING AND COMPACTION**

PART 1 - GENERAL

1.01 DESCRIPTION

A. All material, labor, equipment, tools and superintendence necessary to perform Trenching, Backfilling and Compaction operations for utility construction in accordance with *Public Works Construction Standards*, NCTCOG, 4th Edition, Items 107.19.3, 203 and 504.

1.02 REFERENCES

A. *Public Works Construction Standards*, NCTCOG, 4th Edition, Items 107.19.3, 203 and 504.

1.03 SUBMITTALS

A. Trench safety plan in accordance with *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 107.19.3.3.

PART 2 - PRODUCTS

Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 504.2.

PART 3 - EXECUTION

3.01 CONSTRUCTION

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Items 107.19.3, 203 and 504.
B. Trenches shall be excavated by a trenching machine, backhoe or dragline, except in locations where hand trenching is required. The banks of trenches shall be vertical, to a point one foot (1') above the top of pipe.
C. The excavation shall not advance more than three hundred feet (300') ahead of the completed and backfilled line. Pipe shall be laid in all trenches that have been opened before the end of each day's work, unless the Contractor secures written permission to do otherwise from the Inspector.
D. The final backfill shall be moisture treated to a minimum of 3 percentage points above optimum moisture content at a minimum of 95 percent standard Proctor (ASTM D 698).

PART 4 - MEASUREMENT AND PAYMENT

4.01 MEASUREMENT

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 504.7 for measurement of backfill.

B. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 107.19.3.6 for measurement of trench safety.

4.02 PAYMENT

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 504.7 for payment of backfill.
B. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 107.19.3.6 for payment of trench safety.
C. All excavation for utility installation shall be considered subsidiary to the utility bid item. No separate pay item for excavation, backfill and/or trenching, unless otherwise noted.

END OF SECTION

**SECTION 333109
WASTEWATER LATERAL CONNECTIONS**

PART 1 - GENERAL

1.01 DESCRIPTION

A. All material, labor, equipment, tools and superintendence necessary to furnish and install Wastewater Lateral Connections in accordance with *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.10.4.

1.02 REFERENCES

A. ASTM D3034 Standard Specification for Type PSM Polyvinyl Chloride (PVC) Sewer Pipe and Fittings, Latest Revision
B. *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.10.4
C. City of Frisco Standard Details for Wastewater Laterals.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 501.18.
B. Wastewater laterals shall be PVC SDR 35 in accordance with ASTM D3034 or PCV SDR 26 in accordance with ASTM D2241.

PART 3 - EXECUTION

3.01 CONSTRUCTION

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Items 502.10.4.
B. The wastewater lateral shall extend from the wastewater main to the customer's property line. The elevation of the wastewater lateral at the property line shall be at such a depth that will provide for a lateral from the proposed building site with a minimum grade of one percent (1%) and a maximum grade of one and one-half percent (1.5%) from the building site to the property line. A depth in excess of six feet (6') at the property line is not approved.
C. If there is a curb, the curb shall be marked with the letter 'S' in good quality green paint at the point where the wastewater lateral passes under the curb.
D. A standard wastewater lateral connection shall consist of the service wye or tee and necessary one-eight (1/8) bends.

E. All residential wastewater laterals shall be extended to a point ten feet (10') from the back of the property line at a maximum depth of four feet (4'). The lateral shall then be extended at a forty-five degree angle to four feet (4') above the finished grade and capped.

F. Fittings are not permitted on wastewater service laterals between the wye and the property line.

PART 4 - MEASUREMENT AND PAYMENT

4.01 MEASUREMENT

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.10.4.3.

4.02 PAYMENT

A. Refer to *Public Works Construction Standards*, NCTCOG, 4th Edition, Item 502.10.4.3.

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SUITE 400
FRISCO, TX 75033
PHONE: 469-213-1800
TX FIRM NO 12207

PELOTON
LAND SOLUTIONS



PELTON LAND SOLUTIONS
TEXAS FIRM NO. 12207

SANITARY SEWER DETAILS

CREEKS OF LEGACY - MODEL HOME PARK
CELINA, COLLIN COUNTY, TEXAS



DESIGNED BY: CAL
DRAWN BY: BAW
PROJ. MNGR: ESH
DATE: AUGUST 2015
PLS PROJECT #: CEN13006
CITY PROJECT #: P-201411-01

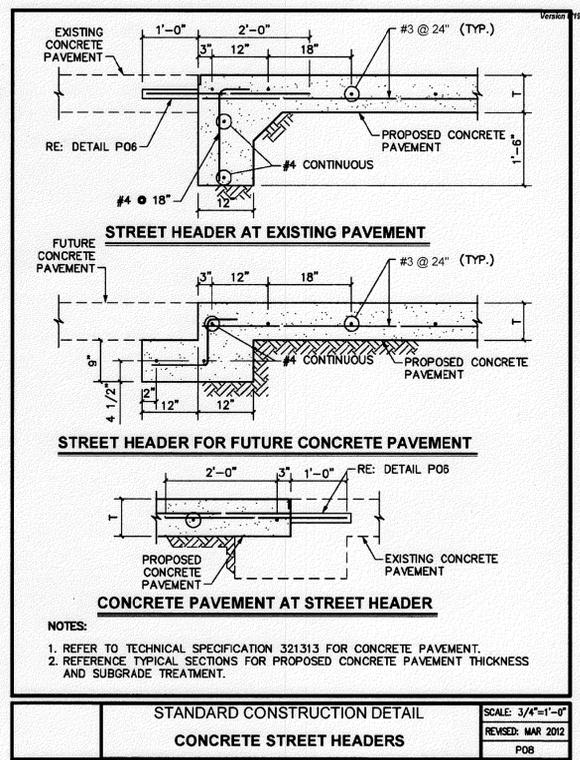
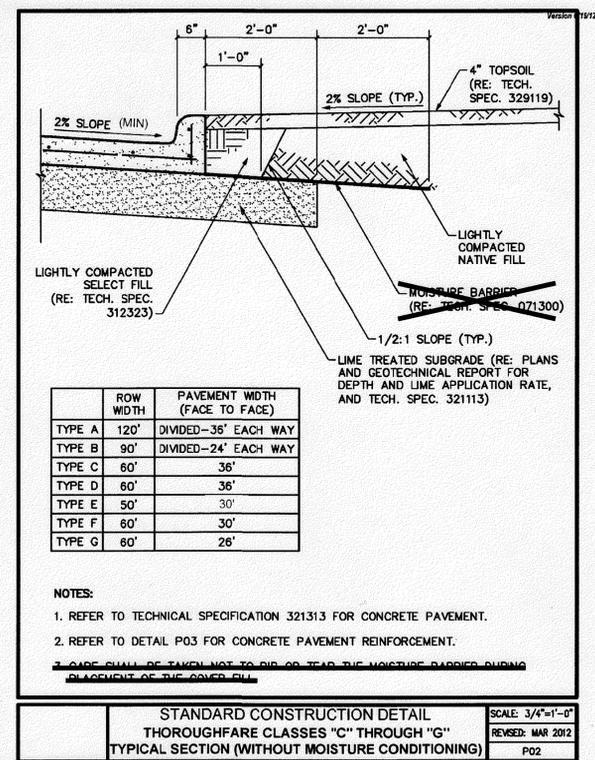
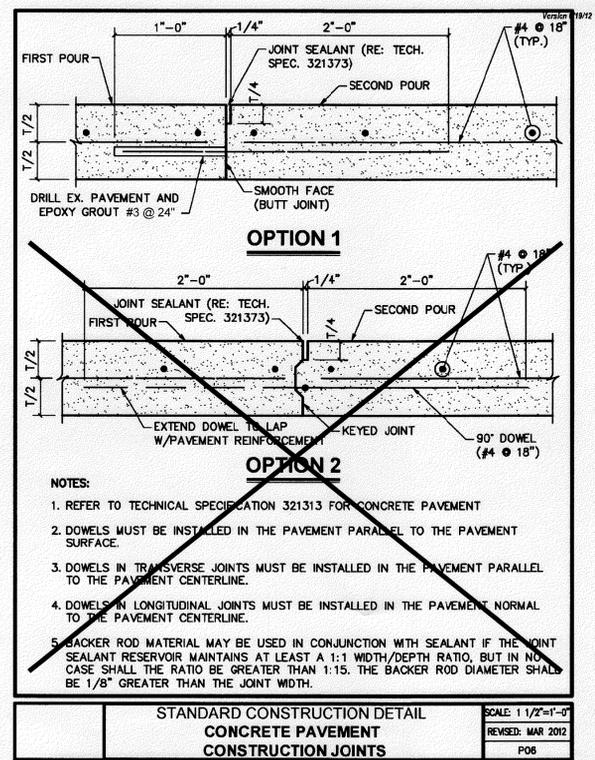
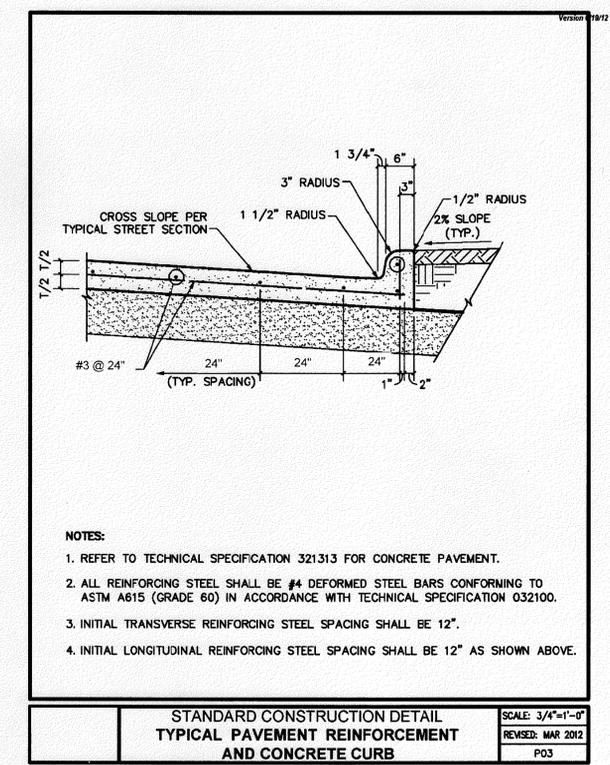
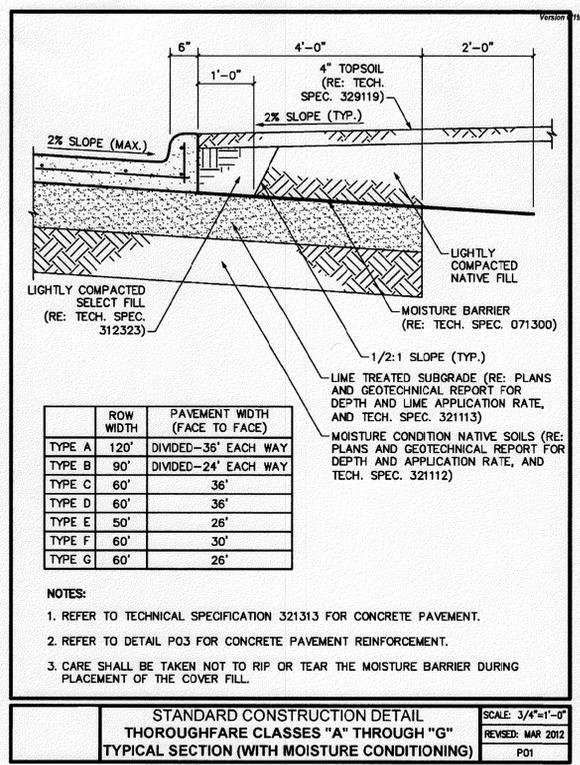
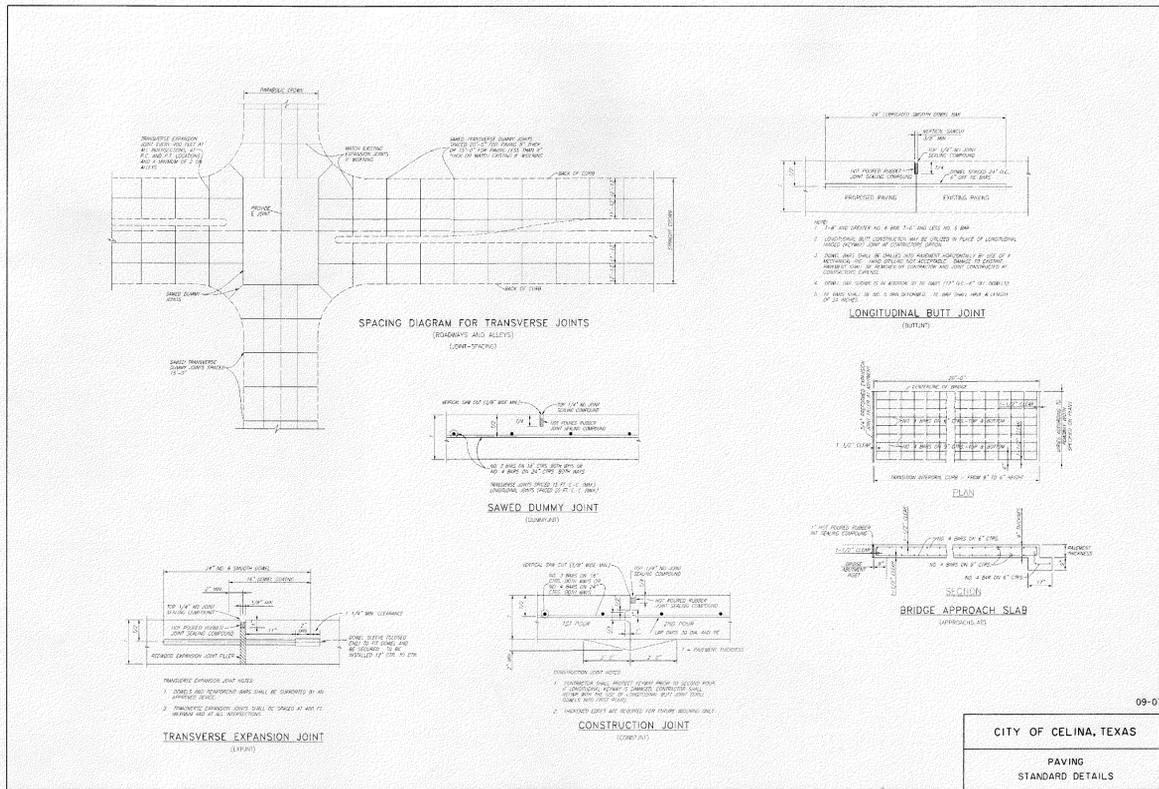
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OF 18

CREEKS OF LEGACY

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REVISION

NO. DATE

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FRISCO, TX 75033
PHONE: 469-213-1800
TX FIRM NO. 12207

PELOTON
LAND SOLUTIONS

CREEKS OF LEGACY



PAVING DETAILS

CREEKS OF LEGACY - MODEL HOME PARK
CELINA, COLLIN COUNTY, TEXAS

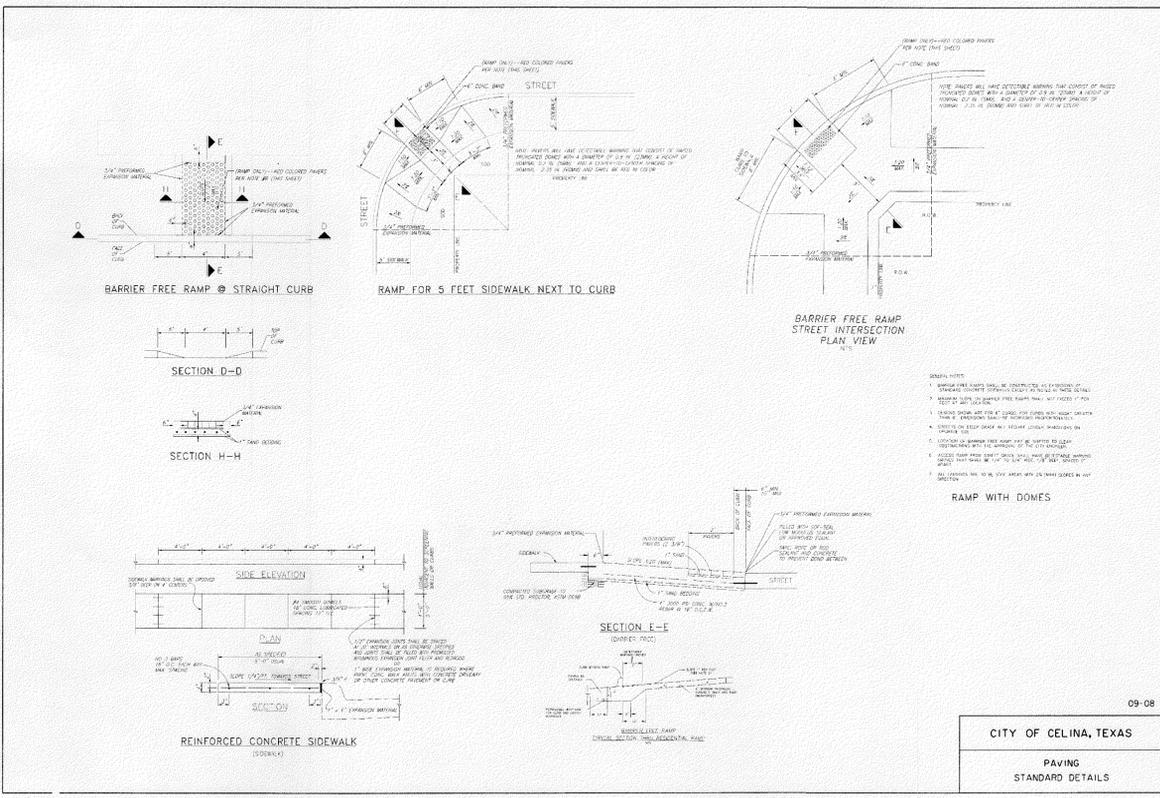
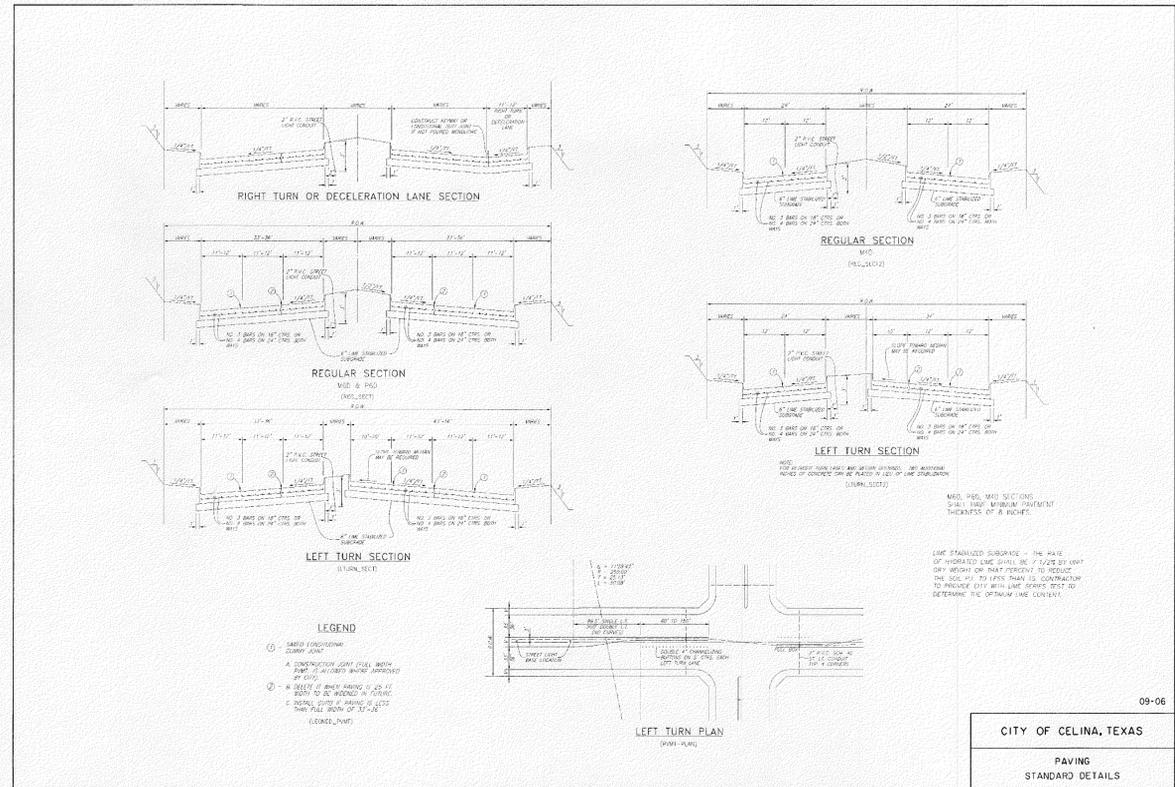
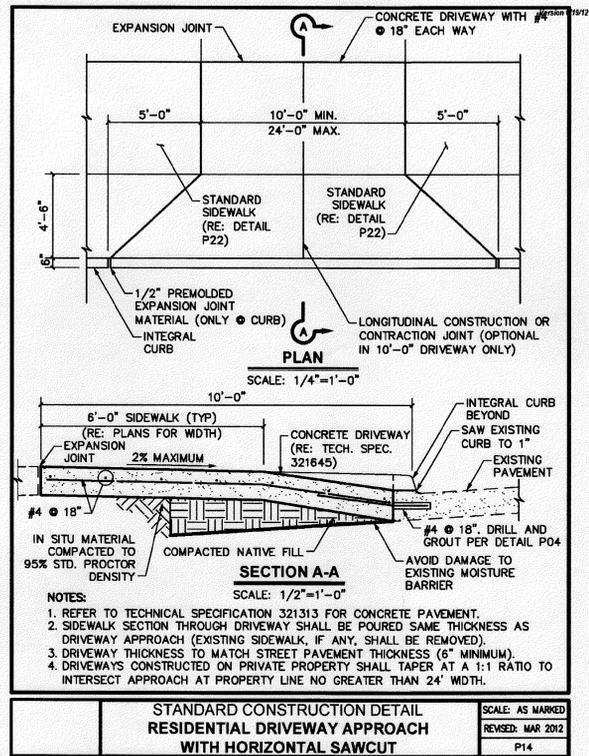


DESIGNED BY: GAL
DRAWN BY: BAW
PROJ. MGR: ESH
DATE: AUGUST 2015
PLS PROJECT #: CEN13006
CITY PROJECT #: P-201411-01

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17
OF 18

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**SECTION 321313
CONCRETE PAVEMENT**

PART 1 - GENERAL

1.01 DESCRIPTION

A. All material, labor, equipment, tools and superintendence necessary to furnish and install Concrete Pavement in accordance with *Public Works Construction Standards, NCTCOG, 4th Edition, Item 303.*

1.02 REFERENCES

A. *Public Works Construction Standards, NCTCOG, 4th Edition, Item 303*

B. City of Frisco Standard Details for Concrete Pavement

1.03 SUBMITTALS

A. Submit mix design for each class of concrete.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Refer to *Public Works Construction Standards, NCTCOG, 4th Edition, Items 303.2 and 303.3.*

B. Specified reinforcing steel (#4 bars and larger) shall be of domestic manufacture and shall conform to the requirements of ASTM A615, Grade 60.

C. Grade 40 reinforcing steel (#3 bars) will only be allowed in sidewalks or with approval of the Director of Engineering Services.

2.02 EQUIPMENT

D. Refer to *Public Works Construction Standards, NCTCOG, 4th Edition, Item 303.4.*

PART 3 - EXECUTION

3.01 INSTALLATION

A. Refer to *Public Works Construction Standards, NCTCOG, 4th Edition, Items 303.5 and 303.8.*

B. Conform to City of Frisco's Standard Details for Concrete Pavement.

C. Curb shall be cast integral with paving unless otherwise approved by the City.

PART 4 - MEASUREMENT AND PAYMENT

4.01 MEASUREMENT

A. Refer to *Public Works Construction Standards, NCTCOG, 4th Edition, Item 303.9.*

4.02 PAYMENT

A. Refer to *Public Works Construction Standards, NCTCOG, 4th Edition, Item 303.9.*

END OF SECTION

NO.	DATE	REVISION	APPROVAL

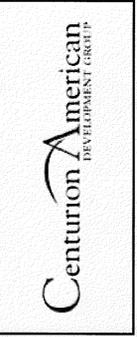
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PHONE: 469-213-1800
TX FIRM NO 12207

PELOTON
LAND SOLUTIONS



PAVING DETAILS

CREEKS OF LEGACY - MODEL HOME PARK
CELINA, COLLIN COUNTY, TEXAS



DESIGNED BY: CAL
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PROJ. MNGR: ESH
DATE: AUGUST 2015
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