

**Prosper Water Treatment Plant
Arapahoe County Location & Extent
1041 Permit Project Description**

July 2016

Prepared for:

Arapahoe County
Public Works Department
6294 S. Lima Street
Centennial, CO 80112

Prepared by:

Dewberry Engineers Inc.
990 South Broadway, Suite 400
Denver, CO 80209

Prosper Water Treatment Plant

Arapahoe County Location & Extent

1041 Permit Project Description

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Public Works and Development
 6924 S. Lima Street
 Centennial, Colorado 80112
 Phone: 720-874-6650
www.arapahoegov.com

Land Development Application
 Form must be complete

Land Development Application materials received after 2pm shall be date stamped received the following working day.

APPLICANT/REPRESENTATIVE: Vogel & Associates LLC	ADDRESS: 475 West 12th Ave, Suite E Denver, CO 80204 PHONE: 303.893.4288 FAX: 303.893.6792 EMAIL: jvogel@vogelassoc.com	SIGNATURE: NAME: Jeffrey B. Vogel Principal TITLE:
OWNER(S) OF RECORD: VREI, Inc.	ADDRESS: 5641 N Broadway Denver, CO 80215 PHONE: 303.566.8915 FAX: 303.918.4216 EMAIL:	SIGNATURE: NAME: Woody Boyd Vice President TITLE:
ENGINEERING FIRM: Dewberry Engineers Inc.	ADDRESS: 990 S Broadway, Suite 400, Denver, CO 80209 PHONE: 303.951.0614 FAX: 303.825.2322 EMAIL: apratt@dewberry.com	CONTACT PERSON: Alan Pratt, PE

Pre-Submittal Case Number: **Q16-045** Pre-Submittal Planner: **Sherman Fehrer** Pre-Submittal Engineer: **Sarah White**

Parcel ID no. (AIN no.)	1979-00-0-00-536
Parcel Address or Cross Streets:	Interstate 70 and Watkins Road
Subdivision Name & Filing No.:	None
Related Case Numbers: (Preliminary/Final Development Plan, Rezoning, and / or Plat)	Latest Approved Zoning - Z12-100 & S14-001

	EXISTING	PROPOSED
Zoning:	Undeveloped/Agricultural	Water Treatment Plant
Case/Project/Subdivision Name:	None	Prosper WTP
Site Area (Acres):		2.75
Floor Area Ratio (FAR):		0.06
Density (Dwelling Units/Acre):		N/A
Building Square Footage:		7,500
Disturbed Area (Acres):		

CASE TYPE (Administrative Case types are shaded in Gray)

<input type="checkbox"/> Preliminary Development Plan or Major Amendment <input type="checkbox"/>	<input checked="" type="checkbox"/> Location & Extent or Major Amendment <input type="checkbox"/>	<input type="checkbox"/> Administrative Site Plan	<input type="checkbox"/> Preliminary Plat
<input type="checkbox"/> Master Development Plan or Major Amendment <input type="checkbox"/>	<input type="checkbox"/> Rezoning - Conventional	<input type="checkbox"/> Administrative Amendment to _____ (PDP, FDP, etc.)	<input type="checkbox"/> Final Plat
<input type="checkbox"/> Final Development Plan or Major Amendment <input type="checkbox"/>	<input type="checkbox"/> Land Development Code Amendment	<input type="checkbox"/> Technical Amendment to _____ (PDP, FDP, etc.)	<input type="checkbox"/> Minor Subdivision
<input type="checkbox"/> Planned Sign Program or Major Amendment <input type="checkbox"/>	<input type="checkbox"/> Use by Special Review or Major Amendment <input type="checkbox"/>	<input type="checkbox"/> Commercial Mobile Radio Service (CMRS/cellular antennas)	<input type="checkbox"/> Subdivision Exemption
<input type="checkbox"/> Vacation of Right of Way/Easement/Plat	<input type="checkbox"/> Use by Special Review - Oil and Gas	<input type="checkbox"/> Plat Correction	<input type="checkbox"/> Replat (Major)
<input type="checkbox"/> 1041 - Areas & Activities of State Interest - Use by Special Review <input type="checkbox"/>	<input type="checkbox"/> Special District Title 30 <input type="checkbox"/> Title 32 <input type="checkbox"/>	<input type="checkbox"/> Administrative Oil & Gas Use by Special Review (AOGUSR)	<input type="checkbox"/> Administrative Replat
<input type="checkbox"/> Comprehensive Plan	<input type="checkbox"/> Rural Cluster	<input type="checkbox"/> Street Name Change	<input type="checkbox"/> _____

THIS SECTION FOR OFFICE USE ONLY

Case No:	Planning Manager:	Engineering Manager:
Planning Fee: Y N \$	Engineering Fee: Y N \$	TCHD Fee? <input type="checkbox"/> \$

This application shall be submitted with all applicable application fees. Submittal of this application does not establish a vested property right in accordance with C.R.S. 24-68-105(1). Processing and review of this application may require the submittal of additional information, subsequent reviews, and/or meetings, as outlined in the Arapahoe County Land Development Code.

LOCATION AND EXTENT PROSPER WATER TREATMENT PLANT

A PARCEL OF LAND SITUATED IN THE SOUTHWEST ¼ OF SECTION 8, TOWNSHIP 4 SOUTH, RANGE 64 WEST, OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO

STANDARD NOTES:

THE OWNER(S), DEVELOPER(S) AND/OR SUBDIVIDER(S) OF THE LOCATION AND EXTENT KNOWN AS PROSPER WASTEWATER TREATMENT PLANT, THEIR RESPECTIVE SUCCESSORS, HEIRS AND/OR ASSIGNS AGREE TO THE FOLLOWING NOTES:

STREET MAINTENANCE

IT IS MUTUALLY UNDERSTOOD AND AGREED THAT THE DEDICATED ROADWAYS SHOWN ON THIS PLAT/PLAN WILL NOT BE MAINTAINED BY THE COUNTY UNTIL AND UNLESS THE STREETS ARE CONSTRUCTED IN ACCORDANCE WITH THE SUBDIVISION REGULATIONS IN EFFECT AT THE DATE CONSTRUCTION PLANS ARE APPROVED, AND PROVIDED CONSTRUCTION OF SAID ROADWAYS IS STARTED WITHIN ONE YEAR OF THE CONSTRUCTION PLAN APPROVAL. THE OWNERS, DEVELOPERS AND/OR SUBDIVIDERS, THEIR SUCCESSORS AND/OR ASSIGNS IN INTEREST, SHALL BE RESPONSIBLE FOR STREET MAINTENANCE UNTIL SUCH TIME AS THE COUNTY ACCEPTS THE RESPONSIBILITY FOR MAINTENANCE AS STATED ABOVE.

DRAINAGE MAINTENANCE

THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL DRAINAGE FACILITIES INSTALLED PURSUANT TO THE SUBDIVISION AGREEMENT. REQUIREMENTS INCLUDE, BUT ARE NOT LIMITED TO MAINTAINING THE SPECIFIED STORM WATER DETENTION/RETENTION VOLUMES, MAINTAINING OUTLET STRUCTURES, FLOW RESTRICTION DEVICES AND FACILITIES NEEDED TO CONVEY FLOW TO SAID BASINS. ARAPAHOE COUNTY SHALL HAVE THE RIGHT TO ENTER PROPERTIES TO INSPECT SAID FACILITIES AT ANY TIME. IF THESE FACILITIES ARE NOT PROPERLY MAINTAINED, THE COUNTY MAY PROVIDE NECESSARY MAINTENANCE AND ASSESS THE MAINTENANCE COST TO THE OWNER OF THE PROPERTY.

EMERGENCY ACCESS NOTE

EMERGENCY ACCESS IS GRANTED HERewith OVER AND ACROSS ALL PAVED AREAS FOR POLICE, FIRE AND EMERGENCY VEHICLES.

DRIVES, PARKING AREAS, AND UTILITY EASEMENTS MAINTENANCE

THE OWNERS OF THIS PLAN OR PLAT, THEIR SUCCESSORS, AND/OR ASSIGNS IN INTEREST, THE ADJACENT PROPERTY OWNER(S), HOMEOWNERS ASSOCIATION OR OTHER ENTITY OTHER THAN ARAPAHOE COUNTY, IS RESPONSIBLE FOR MAINTENANCE AND UPKEEP OF ANY AND ALL DRIVES, PARKING AREAS, AND EASEMENTS, I.E.: CROSS-ACCESS EASEMENTS, DRAINAGE EASEMENTS, ETC.

PRIVATE STREET MAINTENANCE

IT IS MUTUALLY UNDERSTOOD AND AGREED THAT THE PRIVATE ROADWAYS SHOWN ON THIS PLAT/PLAN ARE NOT IN CONFORMANCE WITH ARAPAHOE COUNTY ROADWAY DESIGN AND CONSTRUCTION STANDARDS AND WILL NOT BE MAINTAINED BY THE COUNTY UNTIL AND UNLESS THE STREETS ARE CONSTRUCTED IN CONFORMANCE WITH THE SUBDIVISION REGULATIONS IN EFFECT AT THE DATE OF THE REQUEST FOR DEDICATION. THE OWNERS, DEVELOPERS, AND/OR SUBDIVIDERS, THEIR SUCCESSORS AND/OR ASSIGNS IN INTEREST, SHALL BE RESPONSIBLE FOR STREET MAINTENANCE UNTIL SUCH TIME AS THE COUNTY ACCEPTS RESPONSIBILITY FOR MAINTENANCE AS STATED ABOVE.

DRAINAGE LIABILITY

IT IS THE POLICY OF ARAPAHOE COUNTY THAT IT DOES NOT AND WILL NOT ASSUME LIABILITY FOR THE DRAINAGE FACILITIES DESIGNED AND/OR CERTIFIED BY CORE CONSULTANTS ARAPAHOE COUNTY REVIEWS DRAINAGE PLANS PURSUANT TO COLORADO REVISED STATUTES TITLE 30, ARTICLE 29, BUT CANNOT, ON BEHALF OF VREI, INC. GUARANTEE THAT FINAL DRAINAGE DESIGN REVIEW WILL ABSOLVE VREI, INC. AND/OR THEIR SUCCESSORS AND/OR ASSIGNS OF FUTURE LIABILITY FOR IMPROPER DESIGN. IT IS THE POLICY OF ARAPAHOE COUNTY THAT APPROVAL OF THE FINAL PLAT AND/OR FINAL DEVELOPMENT PLAN DOES NOT IMPLY APPROVAL OF CORE CONSULTANTS DRAINAGE DESIGN.

LANDSCAPE MAINTENANCE

THE OWNERS OF THIS PLAN OR PLAT, THEIR SUCCESSORS AND/OR ASSIGNS IN INTEREST, THE ADJACENT PROPERTY OWNER(S), HOMEOWNER'S ASSOCIATION OR OTHER ENTITY OTHER THAN ARAPAHOE COUNTY IS RESPONSIBLE FOR MAINTENANCE AND UPKEEP OF PERIMETER FENCING, LANDSCAPED AREAS AND SIDEWALKS BETWEEN THE FENCE LINE/PROPERTY LINE AND ANY PAVED ROADWAYS.

THE OWNERS OF THIS SUBDIVISION, THEIR SUCCESSORS AND/OR ASSIGNS IN INTEREST, OR SOME OTHER ENTITY OTHER THAN ARAPAHOE COUNTY, AGREE TO THE RESPONSIBILITY OF MAINTAINING ALL OTHER OPEN SPACE AREAS ASSOCIATED WITH THIS DEVELOPMENT.

SIGHT TRIANGLE MAINTENANCE

THE OWNERS OF PRIVATE PROPERTY CONTAINING A TRAFFIC SIGHT TRIANGLE ARE PROHIBITED FROM ERECTING OR GROWING ANY OBSTRUCTIONS OVER THREE FEET IN HEIGHT ABOVE THE ELEVATION OF THE LOWEST POINT ON THE CROWN OF THE ADJACENT ROADWAY WITHIN SAID TRIANGLE.

PUBLIC IMPROVEMENTS NOTE

AFTER FINAL DEVELOPMENT PLAN/FINAL PLAT APPROVAL, ISSUANCE OF INDIVIDUAL BUILDING PERMITS WILL BE SUBJECT TO THE FOLLOWING STIPULATIONS AND/OR CONDITIONS PRECEDENT, WHICH OWNER AGREES TO IN CONJUNCTION WITH APPROVAL OF THE FINAL DEVELOPMENT PLAN AND/OR FINAL PLAT. SUCH BUILDING PERMITS WILL BE ISSUED ONLY AFTER THE OWNERS GUARANTEE PUBLIC IMPROVEMENTS IN A FORM ACCEPTABLE TO THE BOARD OF COUNTY COMMISSIONERS PURSUANT TO STATE STATUTE.

DRAINAGE MASTER PLAN NOTE

THE POLICY OF THE COUNTY REQUIRES THAT ALL NEW DEVELOPMENT AND REDEVELOPMENT SHALL PARTICIPATE IN THE REQUIRED DRAINAGE IMPROVEMENTS AS SET FORTH BELOW:

- DESIGN AND CONSTRUCT THE LOCAL DRAINAGE SYSTEM AS DEFINED BY THE PHASE III DRAINAGE REPORT AND PLAN.
- DESIGN AND CONSTRUCT THE CONNECTION OF THE SUBDIVISION DRAINAGE SYSTEM TO A DRAINAGEWAY OF ESTABLISHED CONVEYANCE CAPACITY SUCH AS A MASTER PLANNED OUTFALL STORM SEWER OR MASTER PLANNED MAJOR DRAINAGEWAY. THE COUNTY WILL REQUIRE THAT THE CONNECTION OF THE MINOR AND MAJOR SYSTEMS PROVIDE CAPACITY TO CONVEY ONLY THOSE FLOWS (INCLUDING OFFSITE FLOWS) LEAVING THE SPECIFIC DEVELOPMENT SITE. TO MINIMIZE OVERALL CAPITAL COSTS, THE COUNTY ENCOURAGES ADJACENT DEVELOPMENTS TO JOIN IN DESIGNING AND CONSTRUCTING CONNECTION SYSTEMS. ALSO, THE COUNTY MAY CHOOSE TO PARTICIPATE WITH A DEVELOPER IN THE DESIGN AND CONSTRUCTION OF THE CONNECTION SYSTEM.
- EQUITABLE PARTICIPATION IN THE DESIGN AND CONSTRUCTION OF THE MAJOR DRAINAGEWAY SYSTEM THAT SERVES THE DEVELOPMENT AS DEFINED BY ADOPTED MASTER DRAINAGEWAY PLANS (SECTION 3.4 OF THE ARAPAHOE COUNTY STORMWATER MANAGEMENT MANUAL) OR AS REQUIRED BY THE COUNTY AND DESIGNATED IN THE PHASE III DRAINAGE REPORT.

STREET LIGHTING

ALL LOTS ARE SUBJECT TO AND BOUND BY TARIFFS WHICH ARE NOW AND MAY IN THE FUTURE BE FILED WITH THE PUBLIC UTILITIES COMMISSION OF THE STATE OF COLORADO RELATING TO STREET LIGHTING IN THIS PLAN OR PLAT, TOGETHER WITH RATES, RULES, AND REGULATIONS THEREIN PROVIDED AND SUBJECT TO ALL FUTURE AMENDMENTS AND CHANGES THERETO. THE OWNER OR OWNERS, THEIR SUCCESSORS AND/OR ASSIGNS IN INTEREST, SHALL PAY AS BILLED, A PORTION OF THE COST OF PUBLIC STREET LIGHTING IN THE PLAN OR PLAT ACCORDING TO APPLICABLE RATES, RULES, AND REGULATIONS, INCLUDING FUTURE AMENDMENTS AND CHANGES ON FILE WITH THE PUBLIC UTILITIES COMMISSION OF THE STATE OF COLORADO.

STORMWATER MAINTENANCE

THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL PERMANENT BEST MANAGEMENT PRACTICES (BMP'S) AND STORMWATER FACILITIES INSTALLED PURSUANT TO THE SUBDIVISION AGREEMENTS AND THE OPERATIONS AND MAINTENANCE (O AND M) GUIDE IN THE CASE OF PERMANENT BMP'S. REQUIREMENTS INCLUDE, BUT ARE NOT LIMITED TO, MAINTAINING THE SPECIFIED BMP'S CONTAINED IN THE O AND M MANUAL RECORDED AT RECEPTION NUMBER _____, AND THE STORMWATER FACILITIES SHOWN IN THE APPROVED PHASE III DRAINAGE REPORT AND SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS.

THE OWNERS OF THIS SUBDIVISION, THEIR SUCCESSORS AND/OR ASSIGNS IN INTEREST, OR SOME ENTITY OTHER THAN ARAPAHOE COUNTY, AGREE TO THE RESPONSIBILITY OF MAINTAINING ALL PERMANENT BMP'S AND/OR STORMWATER FACILITIES ASSOCIATED WITH THIS DEVELOPMENT. IF THE PERMANENT BMP'S AND STORMWATER FACILITIES ARE NOT PROPERLY MAINTAINED, THE COUNTY MAY PROVIDE NECESSARY MAINTENANCE AND ASSESS THE MAINTENANCE COST TO THE OWNER OF THE PROPERTY.

LEGAL DESCRIPTION:

A PARCEL OF LAND SITUATED IN THE SOUTHWEST ¼ OF SECTION 8, TOWNSHIP 4 SOUTH, RANGE 64 WEST, OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SOUTHWEST ¼;

THENCE S00°06'22"W ALONG THE WEST LINE OF SAID SOUTHWEST ¼ A DISTANCE OF 1022.88 FEET;

THENCE S89°53'38"E A DISTANCE OF 30.00 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF SOUTH IMBODEN ROAD AS RECORDED AT RECEPTION NO. D0030768, ARAPAHOE COUNTY, COLORADO RECORDS, SAID POINT BEING THE POINT OF BEGINNING;

THENCE CONTINUING S89°53'38"E A DISTANCE OF 600.00 FEET;

THENCE S00°06'22"W PARALLEL WITH SAID WEST LINE A DISTANCE OF 200.00 FEET;

THENCE N89°53'38"W A DISTANCE OF 600.00 FEET TO A POINT ON SAID EASTERLY RIGHT-OF-WAY LINE;

THENCE N00°06'22"E ALONG SAID EASTERLY RIGHT-OF-WAY LINE A DISTANCE OF 200.00 FEET TO THE POINT OF BEGINNING.

PARCEL CONTAINS (120,000 SQUARE FEET) 2.7548 ACRES.

CERTIFICATE OF OWNERSHIP

I _____ HEREBY AFFIRM THAT I AM THE OWNER OR AUTHORIZED AGENT OF ALL INDIVIDUALS HAVING OWNERSHIP INTEREST IN THE PROPERTY DESCRIBED HEREIN, KNOWN AS PROSPER CASE NUMBER xxxxxxxxxxxx.

OWNER OF RECORD OR AUTHORIZED AGENT

STATE OF _____)
COUNTY OF _____) SS

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS

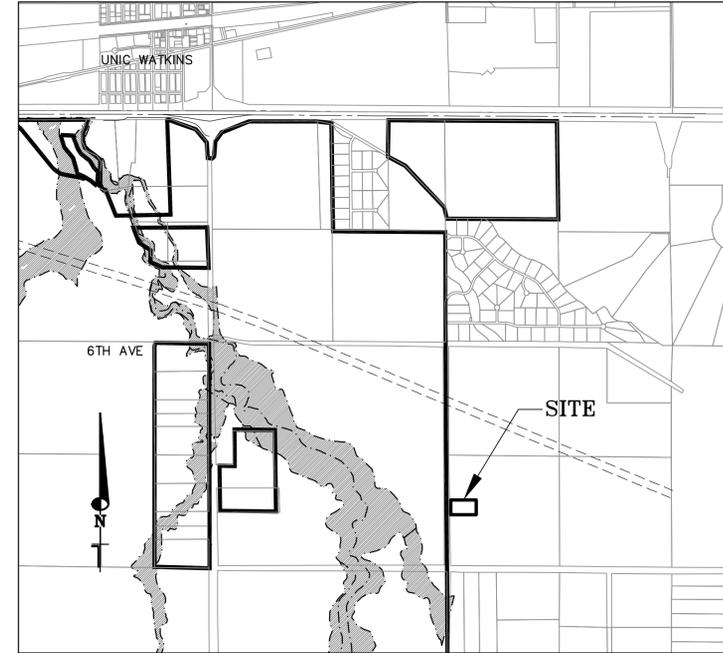
_____ DAY OF _____, A.D., 20__

BY _____ AS _____ OF _____ AN AUTHORIZED SIGNATORY.

BY _____ WITNESS MY HAND AND SEAL.
NOTARY PUBLIC

_____ MY COMMISSION EXPIRES _____
ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____



VICINITY MAP

SCALE: 1" = 2000'

LIST OF DRAWINGS

SHEET NO.	TITLE
1	COVER
2	SITE LOCATION AND ACCESS PLAN
3	PRELIMINARY WTP SITE PLAN
4	PRELIMINARY WELL SITE PLAN
5	GRADING AND DRAINAGE PLAN
6	UTILITY AND PAVING PLAN
7	SITE ANALYSIS
8	LANDSCAPE PLAN
9	LANDSCAPE PLAN DETAILS
10	WATER TREATMENT PLANT BUILDING PLAN
11	WELL HOUSE BUILDING PLAN
12	WATER TREATMENT PLANT BUILDING ELEVATIONS
13	WELL HOUSE BUILDING ELEVATIONS
14	MULTI-COLUMN TANK TOWER ELEVATION

PLANNING COMMISSION APPROVAL

APPROVED BY THE ARAPAHOE COUNTY PLANNING COMMISSION ON THIS _____ DAY OF _____ A.D., 20__.

CHAIR: _____

BOARD OF COUNTY COMMISSIONERS APPROVAL

APPROVED BY THE ARAPAHOE COUNTY BOARD OF COMMISSIONERS ON THIS _____ DAY OF _____ A.D., 20__.

CHAIR: _____

ATTEST: _____

Dewberry
Dewberry Engineers Inc.
990 S. BROADWAY, SUITE 400
DENVER, COLORADO 80209
(303) 825-1802



CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR THE MARKING OF UNDERGROUND UTILITY LINES.
IF YOU ARE NOT SURE OF THE LOCATION OF ANY UNDERGROUND UTILITY LINES, CALL 811 BEFORE YOU DIG. THE RESPONSIBILITY OF THE CONTRACTOR TO REVEAL ANY UTILITIES SHOWN ON THIS DRAWING HAS BEEN DELETED. THE RESPONSIBILITY OF THE CONTRACTOR TO REVEAL ANY UTILITIES SHOWN ON THIS DRAWING HAS BEEN DELETED. THE RESPONSIBILITY OF THE CONTRACTOR TO REVEAL ANY UTILITIES SHOWN ON THIS DRAWING HAS BEEN DELETED. THE RESPONSIBILITY OF THE CONTRACTOR TO REVEAL ANY UTILITIES SHOWN ON THIS DRAWING HAS BEEN DELETED.



REVISIONS	DATE BY
# DESCRIPTION	

VREI, INC.
PROSPER, COLORADO
WATER TREATMENT PLANT
COVER

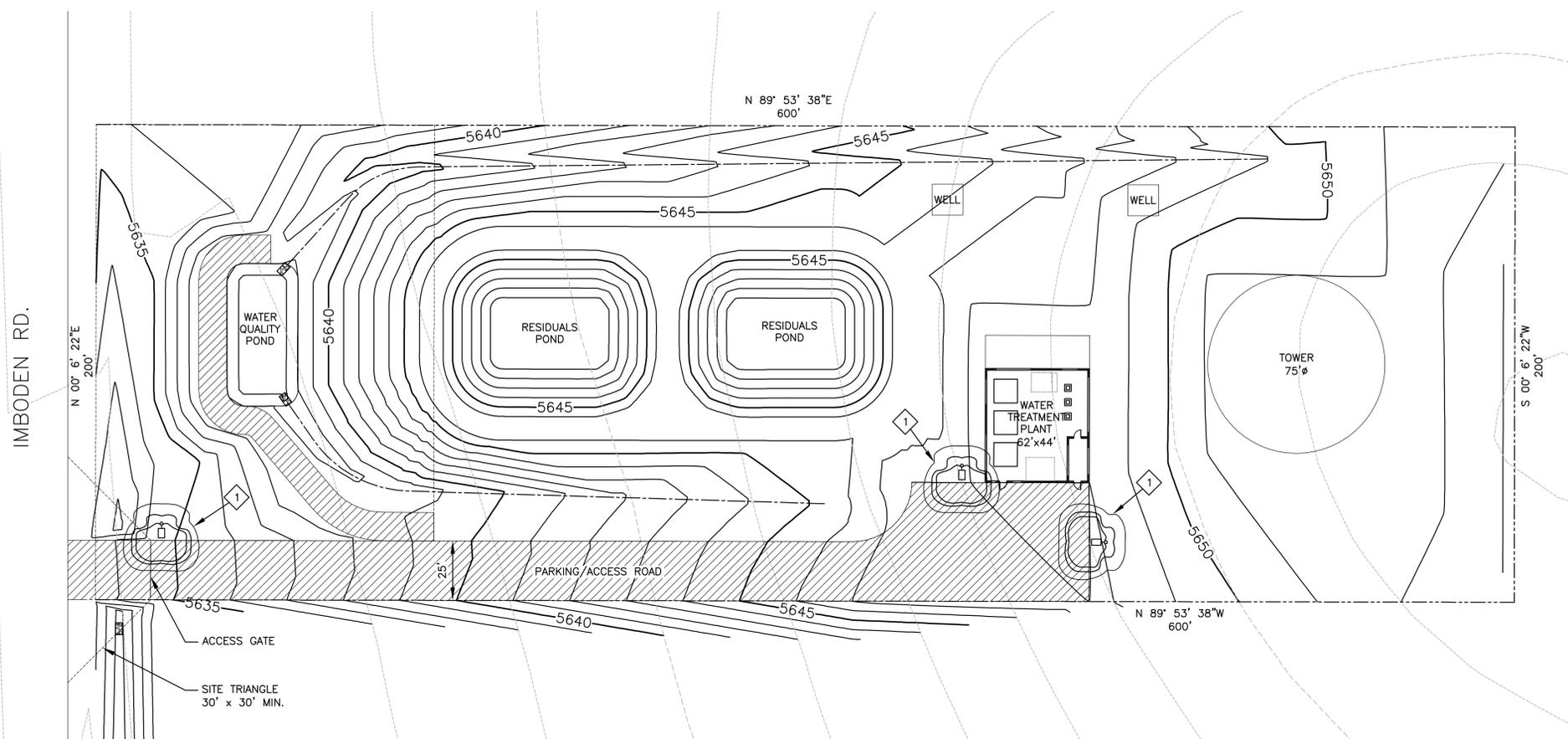
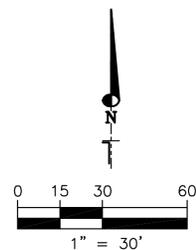
INITIAL PLAN
RELEASE: 07/20/16
DESIGNED BY: SEF
DRAWN BY: JMB
CHECKED BY: SEF

JOB NO.
50081235

SHEET
1 OF 14

LOCATION AND EXTENT PROSPER WATER TREATMENT PLANT

A PARCEL OF LAND SITUATED IN THE SOUTHWEST ¼ OF SECTION 8, TOWNSHIP 4 SOUTH,
RANGE 64 WEST, OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO



BUILDING HEIGHTS AND AREAS:			LAND USE AREAS:	
BUILDING	HEIGHT (FT)	AREA (SQ. FT)	LAND USE:	AREA (SQ. FT)
WTP	21*	3100	WTP	3,100
Tower	120	4400	WATER TOWER	4,400
*does not include height of parapet			ROADWAYS	16,300
			RESIDUALS POND	12,600
			STORMWATER DETENTION	1,800
			LANDSCAPING	81,800
			TOTAL	120,000

SITE PLAN

NOTE:
1. DIMENSIONS ARE APPROXIMATE.

KEY NOTE:
1 LIGHTING GRADIENT (TYPICAL). LIGHTING GRADIENTS SHOWN FOR VARIOUS CONFIGURATIONS. PHOTOMETRIC DATA: INNERMOST GRADIENT = 1 FOOTCANDLE. MIDDLE GRADIENT = 0.5 FOOTCANDLE. OUTERMOST GRADIENT = 0.1 FOOTCANDLE. PHOTOMETRIC DATA IS BASED ON MOUNTING HEIGHT OF 12'-0" FOR SITE LIGHTING AND 8'-0" FOR WALL MOUNTED FIXTURES.

GENERAL NOTES:

- BEARINGS ARE BASED ON THE NORTH WEST CORNER OF THE SW ¼ OF SECTION 8, TOWNSHIP 4 SOUTH, RANGE 64 WEST, OF THE 6TH PRINCIPAL MERIDIAN.
- THE WTP SITE IS APPROXIMATELY 120,000 SQ. FT. AND WILL BE ZONED SPECIFICALLY FOR THE WTP.
- SITE LIGHTING FIXTURES SHALL BE LIGHT EMITTING DIODE (LED), MINIMUM 80 LUMENS PER WATT. SITE FIXTURES SHALL BE ON MULTIPLE CIRCUITS AND HAVE DIMMABLE AND CONTROLLABLE LUMEN OUTPUT IN ADDITION TO AUTOMATIC CONTROL VIA COMBINED PHOTOCELL AND MOTION DETECTOR. FIXTURES ARE SHOWN REPRESENTATIONAL OF PROPOSED LOCATIONS BUT NOT TO SCALE, FOR EASE OF VISIBILITY ON SHEET.
- THE EXISTING WATER TREATMENT PLANT ZONING IS A-1.
- THE WTP ACCESS ROAD AND ALL ON-SITE ROADS WILL BE GRAVEL SURFACING.

Dewberry
Dewberry Engineers Inc.
990 S. BROADWAY, SUITE 400
DENVER, COLORADO 80209
(303) 825-1802

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR THE PASSING OF UNDERGROUND UTILITY LINES.
IF YOU ARE NOT SURE OF THE LOCATION OF ANY UTILITIES, SHOW ON THIS DRAWING HAVE BEEN LOCATED, THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE CORRECTNESS OF ANY CONSTRUCTION ACTIVITIES.



REVISIONS	DATE BY
# DESCRIPTION	

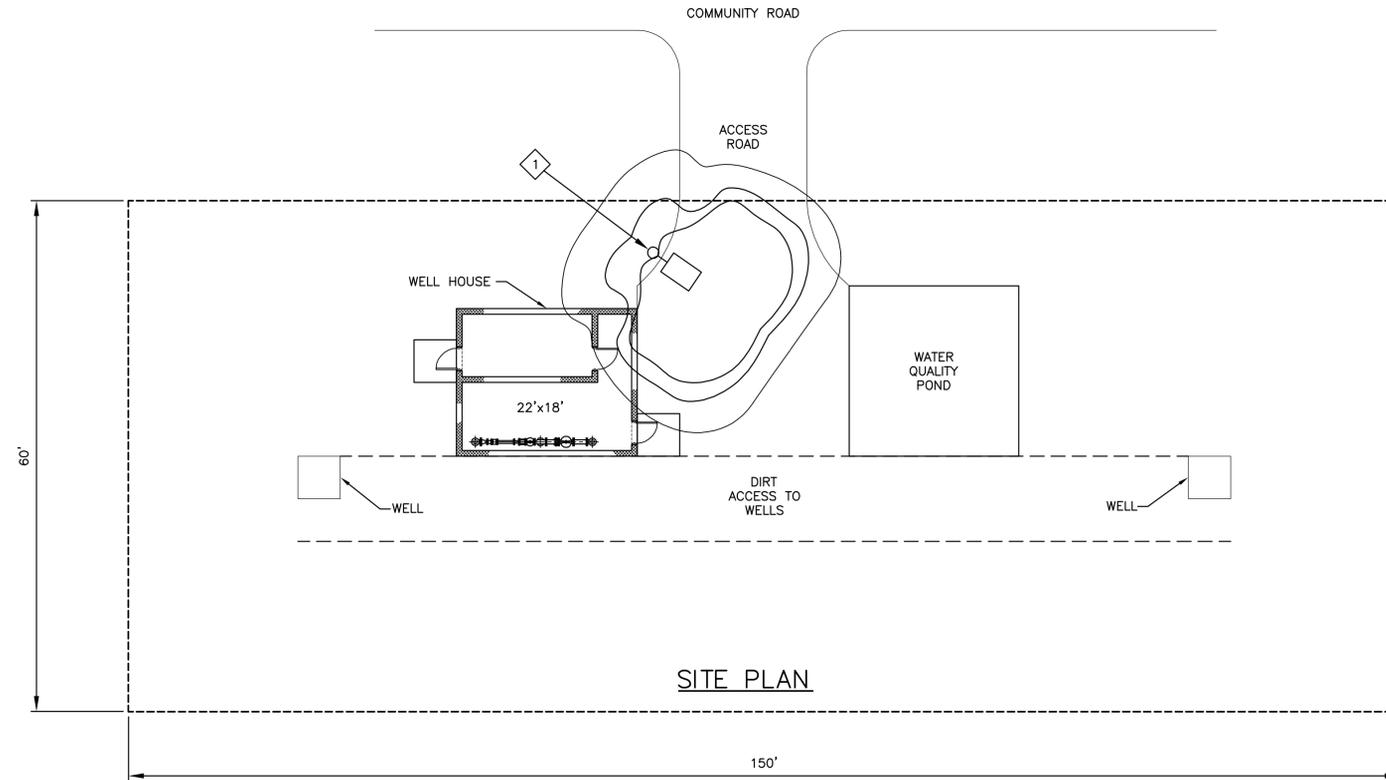
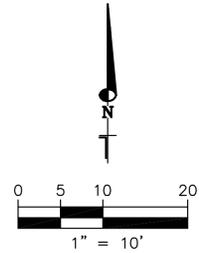
VREI, INC.
PROSPER, COLORADO
WATER TREATMENT PLANT
WATER TREATMENT PLANT SITE PLAN

INITIAL PLAN
RELEASE: 07/20/16
DESIGNED BY: SEF
DRAWN BY: JMB
CHECKED BY: JMB

JOB NO.
50081235
SHEET
3 OF 14

LOCATION AND EXTENT PROSPER WATER TREATMENT PLANT

A PARCEL OF LAND SITUATED IN THE SOUTHWEST ¼ OF SECTION 8, TOWNSHIP 4 SOUTH,
RANGE 64 WEST, OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO



BUILDING HEIGHTS AND AREAS:			LAND USE AREAS:	
BUILDING	HEIGHT (FT)	AREA (SQ. FT)	LAND USE:	AREA (SQ. FT)
WELL HOUSE	13	410	WELL HOUSE	410
			ROADWAYS	1,850
			STORMWATER DETENTION	400
			LANDSCAPING	6,340
			TOTAL	9,000

KEY NOTE:

1 LIGHTING GRADIENT (TYPICAL). LIGHTING GRADIENTS SHOWN FOR VARIOUS CONFIGURATIONS. PHOTOMETRIC DATA: INNERMOST GRADIENT = 1 FOOTCANDLE, MIDDLE GRADIENT = 0.5 FOOTCANDLE, OUTERMOST GRADIENT = 0.1 FOOTCANDLE. PHOTOMETRIC DATA IS BASED ON MOUNTING HEIGHT OF 12'-0" FOR SITE LIGHTING AND 8'-0" FOR WALL MOUNTED FIXTURES.

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DENVER, COLORADO 80209
(303) 825-1802

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR THE PASSING OF UTILITIES AND PUBLIC UTILITIES.
NO ASSURANCE IS MADE AS TO THE ACCURACY OF ANY INFORMATION SHOWN ON THIS DRAWING. THE CONTRACTOR TO FIELD VERIFY THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE RESPONSIBILITY OF ANY CONSTRUCTION ACTIVITIES.



#	DESCRIPTION	DATE	BY

VREI, INC.
PROSPER, COLORADO
WATER TREATMENT PLANT
WELL SITE PLAN

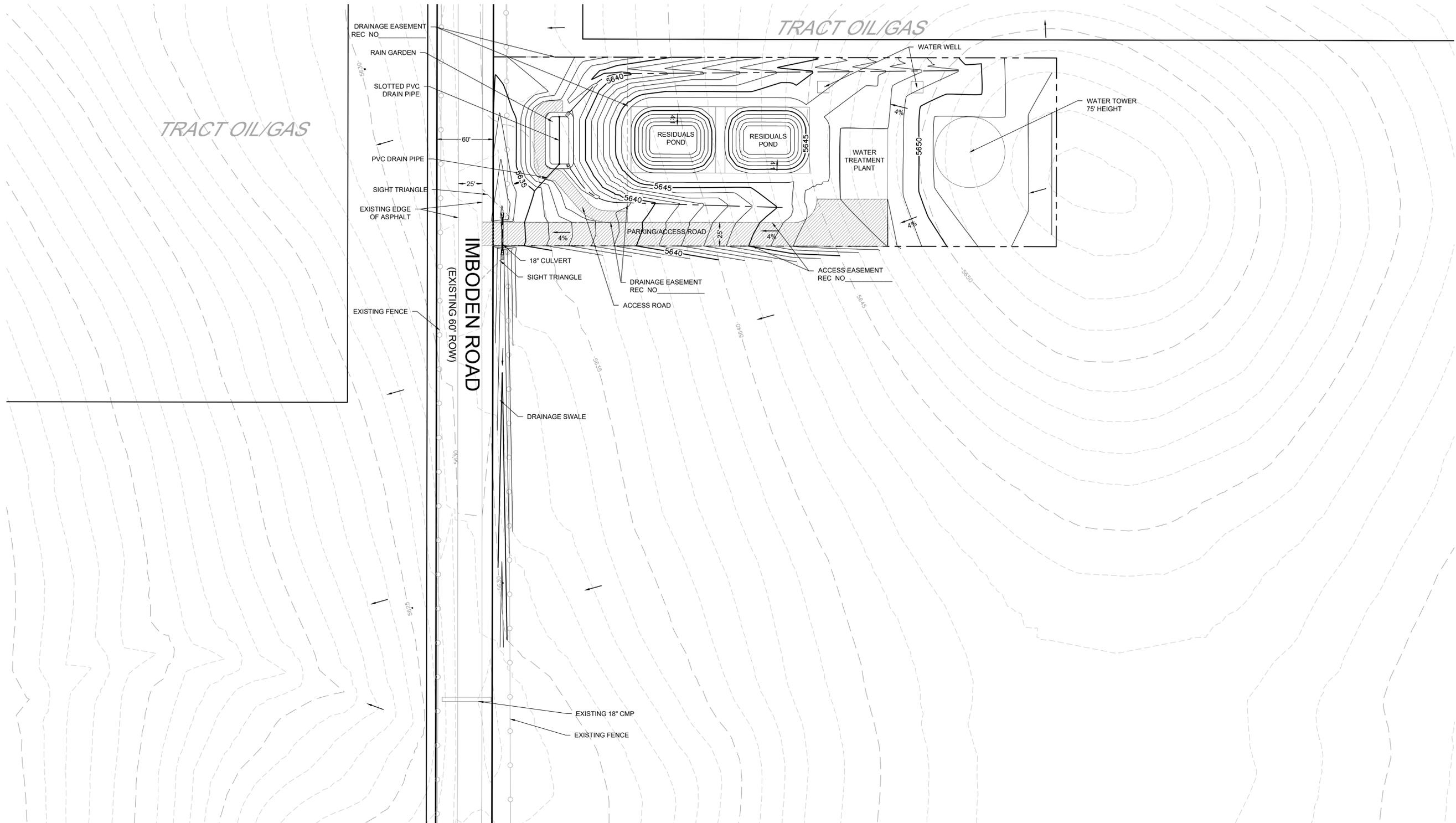
INITIAL PLAN
RELEASE: 07/20/16
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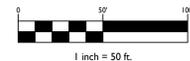
SHEET
4 OF 14

LOCATION AND EXTENT PROSPER WATER TREATMENT PLANT

SITUATED IN THE SW 1/4 OF SECTION 8,
TOWNSHIP 4 SOUTH, RANGE 64 WEST, OF THE 6TH PRINCIPAL MERIDIAN,
COUNTY OF ARAPAHOE, STATE OF COLORADO



- LEGEND**
- CULVERT AND FLARED END SECTION
 - PROPERTY BOUNDARY LINE
 - MAJOR CONTOUR
 - MINOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR



PREPARED BY:
CORE CONSULTANTS

CIVIL ENGINEERING
DEVELOPMENT CONSULTING
LAND SURVEYING
303.703.4444
1550 W. Littleton Blvd., Ste. 109
Littleton, CO 80120

Know what's below.
Call before you dig.
811
CALL 8 HOURS A DAY IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.
CORE ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL AND VERTICAL). THE EXISTING LOCATIONS (HORIZONTAL AND VERTICAL) ARE SHOWN FROM THE BEST AVAILABLE INFORMATION. IT IS ADVISED THAT THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

Dewberry
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990 S. BROADWAY, SUITE 400
DENVER, COLORADO 80209
(303) 825-1802

REVISIONS	
#	DESCRIPTION

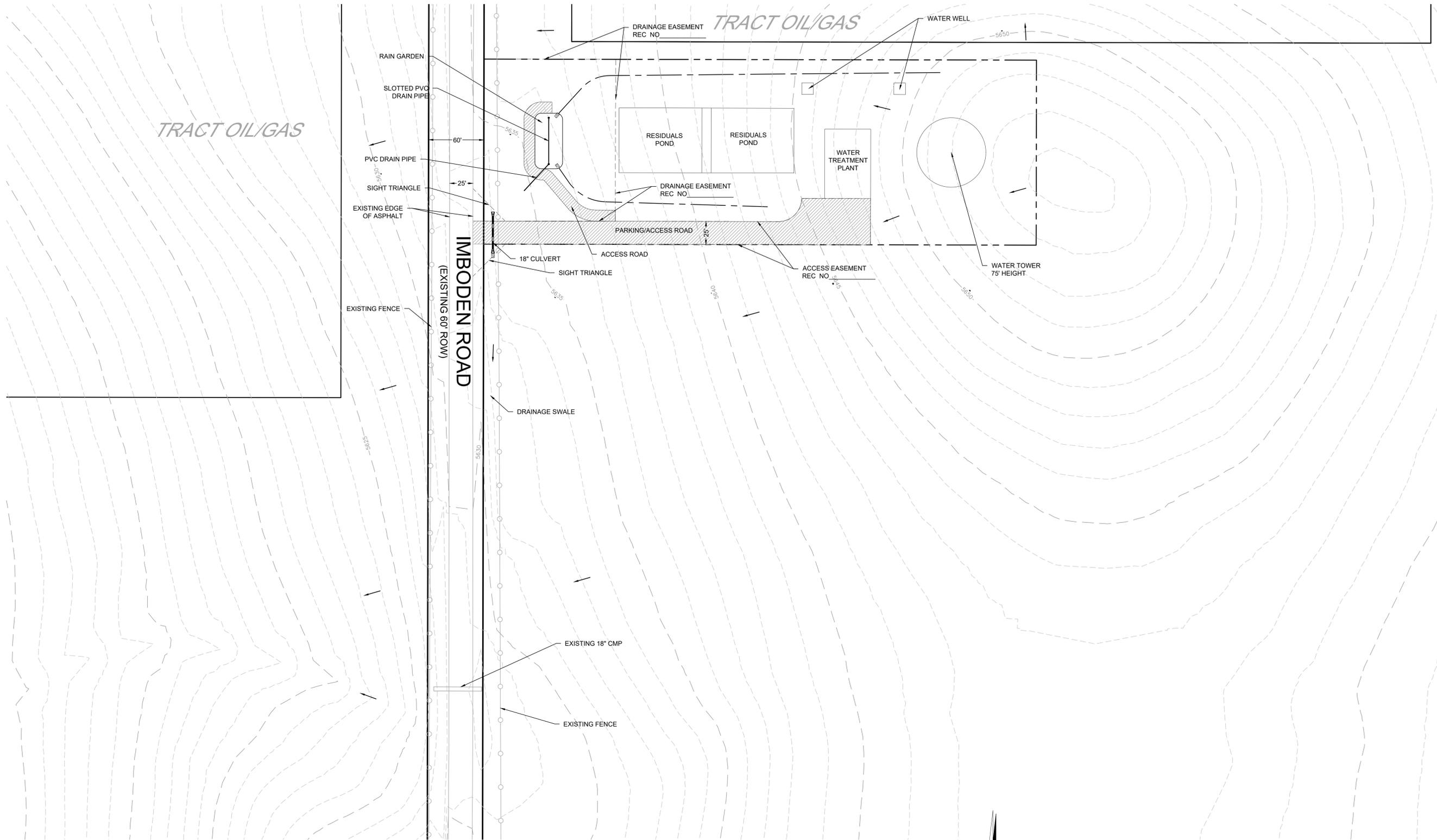
VREI, INC.
PROSPER, COLORADO
WATER TREATMENT PLANT
GRADING & DRAINAGE PLAN

INITIAL PLAN
RELEASE: 7/22/16
DESIGNED BY: MM
DRAWN BY: MM
CHECKED BY: MM

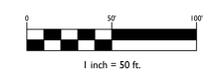
JOB NO.
11-012
SHEET
5 OF 14

LOCATION AND EXTENT PROSPER WATER TREATMENT PLANT

SITUATED IN THE SW 1/4 OF SECTION 8,
TOWNSHIP 4 SOUTH, RANGE 64 WEST, OF THE 6TH PRINCIPAL MERIDIAN,
COUNTY OF ARAPAHOE, STATE OF COLORADO



- LEGEND:**
- CULVERT AND FLARED END SECTION
 - EASEMENT
 - PROPERTY BOUNDARY LINE
 - CLASS 6 ROADBASE



Dewberry
Dewberry Engineers Inc.
990 S. BROADWAY, SUITE 400
DENVER, COLORADO 80209
(303) 825-1802

CALL & ORDER DAYS IN ADVANCE BEFORE YOU
DIG GRADE OR EXCAVATE FOR THE MARKING OF
UNDERGROUND MEMBER UTILITIES.
CORE ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY
LOCATIONS (HORIZONTAL AND VERTICAL). THE EXISTING
UTILITY LOCATIONS SHOWN ON THIS PLAN ARE BASED ON
THE BEST AVAILABLE INFORMATION. IT IS ADVISED
THAT THE LOCATION OF ALL UTILITIES PRIOR TO THE
COMPLETION OF ANY CONSTRUCTION ACTIVITIES.
811
Know what's below.
Call before you dig.

REVISIONS	DATE	BY
# DESCRIPTION		

VREI, INC.
PROSPER, COLORADO
WATER TREATMENT PLANT
SITE & UTILITY PLAN

INITIAL PLAN
RELEASE: 7/22/16
DESIGNED BY: MM
DRAWN BY: MM
CHECKED BY: MM

JOB NO.
11-012
SHEET
6 OF 14

PREPARED BY:



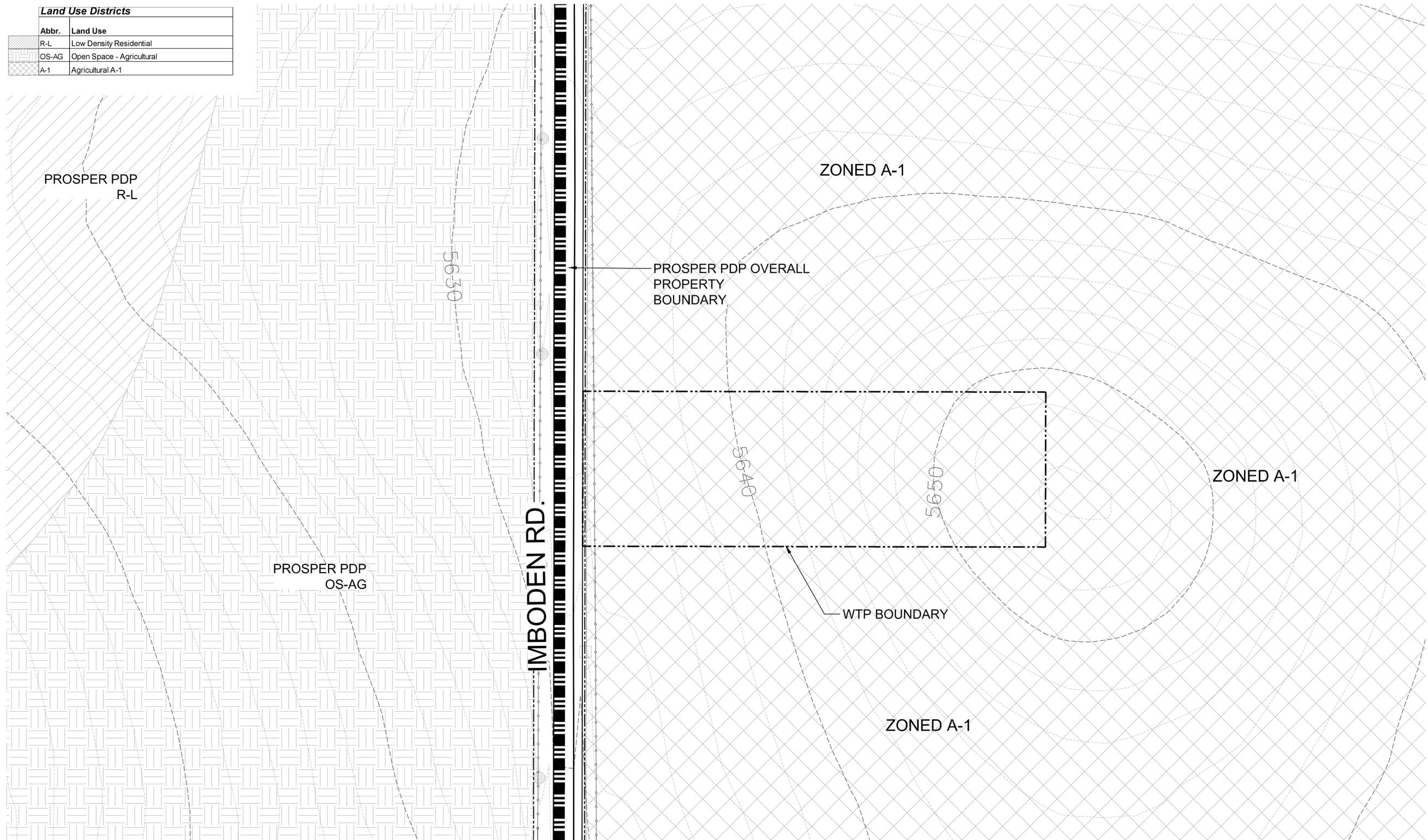
CIVIL ENGINEERING
DEVELOPMENT CONSULTING
LAND SURVEYING
303.703.4444
1950 W. Littleton Blvd., Ste. 109
Littleton, CO 80120

LOCATION AND EXTENT PROSPER WATER TREATMENT PLANT

LOT 1, BLOCK 1, PROSPER WTP SUBDIVISION EXEMPTION PLAT SITUATED IN THE SOUTHWEST ¼ OF SECTION 8, TOWNSHIP 4
SOUTH, RANGE 64 WEST, OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO

Land Use Districts

Abbr.	Land Use
R-L	Low Density Residential
OS-AG	Open Space - Agricultural
A-1	Agricultural A-1



VOGEL & ASSOCIATES
475 W. 12th Avenue - Suite E
Denver, Colorado 80204-3688
(303) 895-4286

Dewberry
Dewberry Engineers Inc.
990 S. BROADWAY, SUITE 400
DENVER, COLORADO 80209
(303) 825-1802

CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU
DIG, GRADE OR EXCAVATE FOR THE MARKINGS OF
UNDERGROUND UTILITIES.
FOR AN IN-DEPTH GUIDE TO THE LOCATION OF
UNDERGROUND UTILITIES, VISIT
WWW.CALLBEFOREYOU.DIG.COLORADO.GOV
THE EXISTING UTILITIES SHOWN ON THIS DRAWING HAVE
BEEN LOCATED BY A PROFESSIONAL AND REGISTERED
UTILITY LOCATOR. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO
VERIFY THE LOCATION OF UTILITIES PRIOR TO THE
COMPLETION OF ANY CONSTRUCTION ACTIVITIES.

811
Call before you dig.

#	DESCRIPTION	DATE	BY
1		###/###/###	###/###/###
2		###/###/###	###/###/###
3		###/###/###	###/###/###
4		###/###/###	###/###/###

VREI, INC.
PROSPER, COLORADO
WATER TREATMENT PLANT
SITE ANALYSIS

INITIAL PLAN
RELEASE:
DESIGNED BY: JM
DRAWN BY:
CHECKED BY:

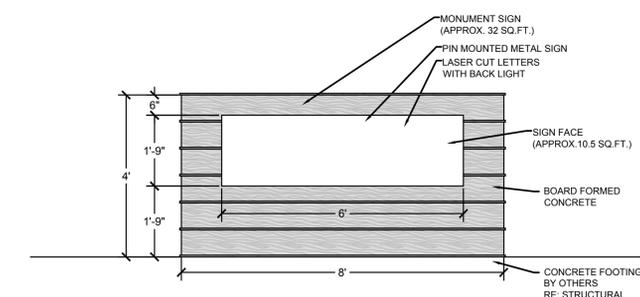
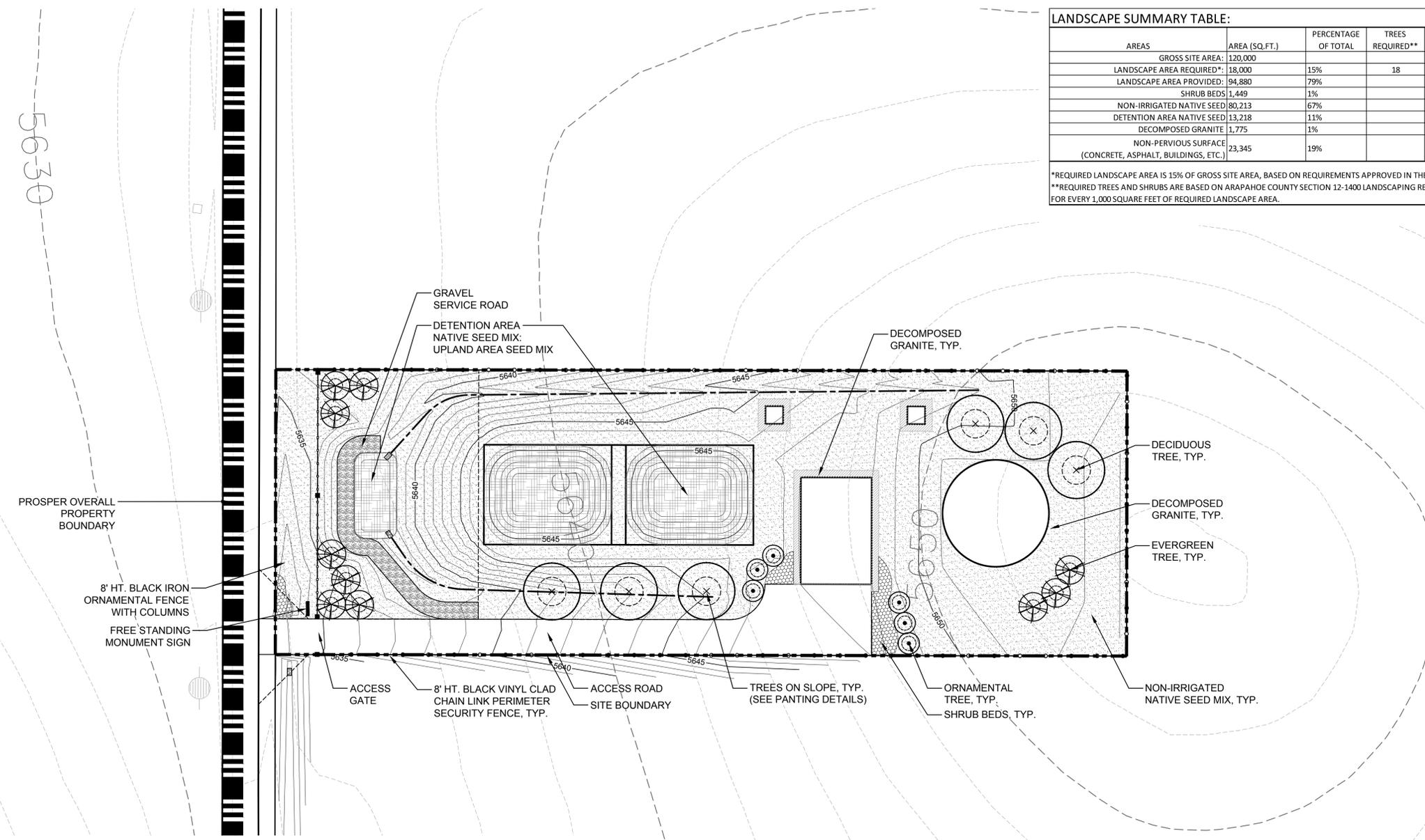
JOB NO.
SHEET
7 OF 14

LOCATION AND EXTENT PROSPER WATER TREATMENT PLANT

LOT 1, BLOCK 1, PROSPER WTP SUBDIVISION EXEMPTION PLAT SITUATED IN THE SOUTHWEST 1/4 OF SECTION 8, TOWNSHIP 4 SOUTH, RANGE 64 WEST, OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO

LANDSCAPE SUMMARY TABLE:						
AREAS	AREA (SQ.FT.)	PERCENTAGE OF TOTAL	TREES REQUIRED**	TREES PROVIDED	SHRUBS REQUIRED*	SHRUBS PROVIDED
GROSS SITE AREA:	120,000					
LANDSCAPE AREA REQUIRED*:	18,000	15%	18		180	
LANDSCAPE AREA PROVIDED:	94,880	79%		22		
SHRUB BEDS	1,449	1%				180
NON-IRRIGATED NATIVE SEED	80,213	67%				
DETENTION AREA NATIVE SEED	13,218	11%				
DECOMPOSED GRANITE	1,775	1%				
NON-PERVIOUS SURFACE (CONCRETE, ASPHALT, BUILDINGS, ETC.)	23,345	19%				

*REQUIRED LANDSCAPE AREA IS 15% OF GROSS SITE AREA, BASED ON REQUIREMENTS APPROVED IN THE PROSPER PDP.
**REQUIRED TREES AND SHRUBS ARE BASED ON ARAPAHOE COUNTY SECTION 12-1400 LANDSCAPING REGULATIONS. 1 TREE AND 10 SHRUBS FOR EVERY 1,000 SQUARE FEET OF REQUIRED LANDSCAPE AREA.



1 FREE STANDING MONUMENT SIGN
NOT TO SCALE

- STANDARD NOTES**
- SQUARE FOOTAGES ARE ESTIMATED. FINAL LANDSCAPE AREA COVERAGE SHALL MEET OR EXCEED COVERAGE REPRESENTED IN THIS DRAWING AND SHALL CONFORM TO SUBSEQUENT SUBMITTAL REQUIREMENTS.
 - QUANTITIES AND LOCATIONS OF PLANT MATERIALS ARE APPROXIMATED. FINAL QUANTITIES AND LOCATIONS WILL BE REFLECTED ON CONSTRUCTION DOCUMENTS.
 - DETENTION AREA NATIVE SEED MIX: UPLAND AREA SEED MIX-LOAMY TO CLAY SOILS, APPROVED BY THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT. REFER TO UPLAND NATIVE SEED MIXES TABLE A-1 JANUARY 2016 URBAN STORM DRAINAGE CRITERIA MANUAL VOLUME 2.

LEGEND

	NON-IRRIGATED NATIVE SEED MIX
	DETENTION AREA NATIVE SEED MIX
	UPLAND AREA SEED MIX
	SHRUB BED
	DECOMPOSED GRANITE
	DECIDUOUS TREE
	ORNAMENTAL TREE
	EVERGREEN TREE
	8' HT. BLACK IRON ORNAMENTAL FENCE WITH COLUMNS
	8' HT. BLACK VINYL CLAD CHAIN LINK PERIMETER SECURITY FENCE



VOGEL & ASSOCIATES
475 W. 12th Avenue - Suite E
Denver, Colorado 80204-3688
(303) 895-4268



Dewberry
Dewberry Engineers Inc.
990 S. BROADWAY, SUITE 400
DENVER, COLORADO 80209
(303) 825-1802

CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND UTILITIES.
VOGEL AND ASSOCIATES ASSUMES NO RESPONSIBILITY FOR THE EXISTING UTILITIES SHOWN ON THIS DRAWING AND, HOWEVER, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACCURACY OF THE UTILITIES IS THE COMPROMISEMENT OF ANY CONSTRUCTION ACTIVITIES.
811

REVISIONS

#	DESCRIPTION	DATE	BY
B		###	###

VREI, INC.
PROSPER, COLORADO
WATER TREATMENT PLANT
LANDSCAPE PLAN

INITIAL PLAN
RELEASE: _____
DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____
JOB NO. _____
SHEET
8 OF 14

LOCATION AND EXTENT PROSPER WATER TREATMENT PLANT

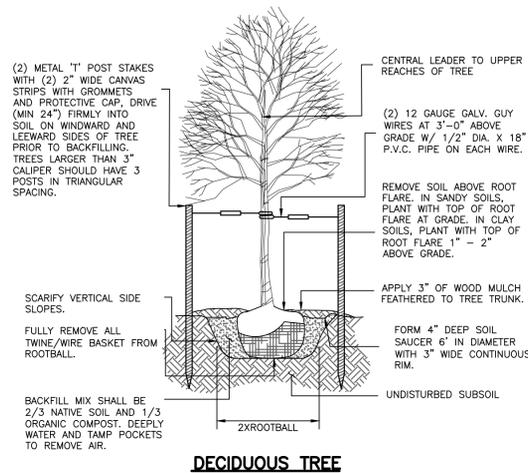
LOT 1, BLOCK 1, PROSPER WTP SUBDIVISION EXEMPTION PLAT SITUATED IN THE SOUTHWEST 1/4 OF SECTION 8, TOWNSHIP 4
SOUTH, RANGE 64 WEST, OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO

PLANT SCHEDULE

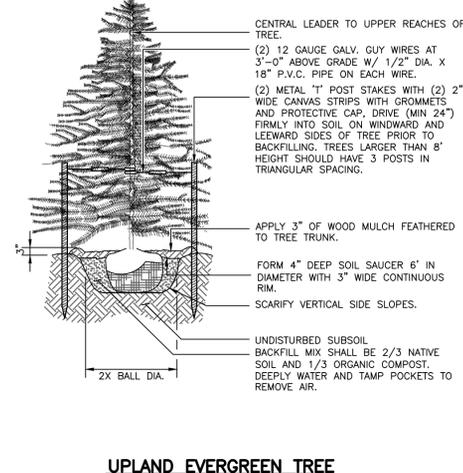
COMMON NAME	SCIENTIFIC NAME	SIZE (MATURE HT. AND SPD.)	APPROXIMATE QUANTITIES**	
DECIDUOUS TREES				
WESTERN HACKBERRY	CELTIS OCCIDENTALIS	60' HT 40' SPD	6	
GLENLEVEN LINDEN	TILIA CORDATA 'GLENLEVEN'	45' HT 30' SPD		
REDMOND LINDEN	TILIA AMERICANA 'REDMOND'	40' HT 25' SPD		
IMPERIAL HONEYLOCUST	GLEDITSIA TRIANCANTHOS INERMIS 'IMPERIAL'	35' HT 25' SPD		
SKYLINE HONEYLOCUST	GLEDITSIA TRIANCANTHOS INERMIS 'SKYLINE'	50' HT 30' SPD		
AUTUMN BLAZE MAPLE	ACER X FREEMANII 'JEFFERSRED'	50' HT 40' SPD		
GREEN MOUNTAIN SUGAR MAPLE	ACER SACCHARUM 'GREEN MOUNTAIN'	40' HT 35' SPD		
BUR OAK	QUERCUS MACROCARPA	70' HT 50' SPD		
SWAMP WHITE OAK	QUERCUS BICOLOR	50' HT 40' SPD		
WHITE OAK	QUERCUS ALBA	45' HT 45' SPD		
ORNAMENTAL TREES				
PRAIRIEFIRE CRABAPPLE	MALUS 'PRAIRIEFIRE'	20' HT 20' SPD		6
SPRING SNOW CRABAPPLE	MALUS X 'SPRING SNOW'	20' HT 15' SPD		
VENUS DOGWOOD	CORNUS KOUSA X NUTALLI 'VENUS'	20' HT 20' SPD		
THORNLESS COCKSPUR HAWTHORN	CRATAEGUS CRUS-GALLI 'INERMIS'	20' HT 15' SPD		
GINNALA MAPLE	ACER GINNALA	20' HT 10' SPD		
HOT WINGS MAPLE	ACER TATARICUM 'GARANN'	25' HT 20' SPD		
AUTUMN BRILLIANCE SERVICEBERRY	AMELANCHIER X GRANDIFLORA	15'-20' HT 10' SPD		
EVERGREEN TREES				
COLORADO BLUE SPRUCE	PICEA PUNGENS	60' HT 25' D	10	
AUSTRIAN PINE	PINUS NIGRA	50' HT 20' D		
PINION PINE	PINUS EDULIS	25' HT 15' D		
DECIDUOUS SHRUBS				
SUMMER WINE NINEBARK	PHYSOCARPUS OPULIFOLIUS 'SEWARD'	4' HT 4' SPD	180	
PEKING COTONEASTER	COTONEASTER ACUTIFOLIUS	10' HT 5' SPD		
SASKATOON SERVICEBERRY	AMELANCHIER ALNIFOLIA	10' HT 8' SPD		
WESTERN SANDCHERRY	PRUNUS BESSEYI	5' HT 5' SPD		
GOLDEN SWORD YUCCA	YUCCA FILAMENTOSA 'GOLDEN SWORD'	3-4' HT 5' SPD		
BUTTERFLY BUSH	BUDDLEIA DAVIDII	5' HT 5' SPD		
BLACK CHOKEBERRY	ARONIA MELANOCARPA	6' HT 4' SPD		
YELLOW FLOWERING CURRANT	RIBES AUREUM	6' HT 6' SPD		
FERNBUSH	CHAMAEBATIARA MILLEFOLIUM	4' HT 4' SPD		
SPANISH GOLD BROOM	CYTISUS PURGAN 'SPANISH GOLD'	3-5' HT 4-6' SPD		
LITTLE SPIRE RUSSIAN SAGE	PEROVSKIA 'LITTLE SPIRE'	20-25' HT 20-25' SPD		
PANCHITO MANZANITA	ARCTOSTAPHYLOS 'PANCHITO'	2' HT 4' SPD		
EVERGREEN SHRUBS				
ANDORRA JUNIPER	JUNIPERUS HORIZONTALIS 'YOUNGSTOWN'	18" HT 6' SPD		
BUFFALO JUNIPER	JUNIPERUS SABINA 'BUFFALO'	12" HT 6' SPD		
ORNAMENTAL GRASSES				
BLUE AVENA	HELICOTRICHON SEMPEVIRENS	1-1.5' HT 2-3' SPD		
VARIEGATED FEATHER REED GRASS	CALAMAGROSTIS ACUTIFLORA 'AVALANCHE'	4-5' HT 2' SPD		
HARDY FOUNTAIN GRASS	PENNISETUM ALOPECUROIDES 'HAMELN'	2-3' HT 2' SPD		
HEAVY METAL SWITCHGRASS	PANICUM VIRGATUM 'HEAVY METAL'	3-4' HT 1-1.5' SPD		
LITTLE BLUESTEM	SCHIXACHYRIUM SCOPARIUM	3-4' HT 2' SPD		
DWARF MAIDEN GRASS	MISCANTHUS SINENSIS 'YAKU JIMA'	3-4' HT 2-3' SPD		

*ALL LANDSCAPE QUANTITIES ARE APPROXIMATE MAY VARY AT TIME OF CONSTRUCTION DOCUMENTS.
**PLANT TYPES AND LOCATIONS ARE CONCEPTUAL AND MAY VARY AT TIME OF CONSTRUCTION DOCUMENTS.

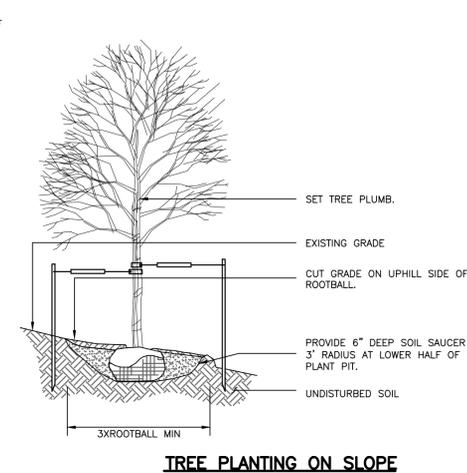
- NOTES:**
- CHECK NATIVE SPECIES FOR ACCURACY PRIOR TO PLANTING.
 - KEEP PLANT MOIST AND SHADED IN MULCHED BEDS ON SITE UNTIL TIME OF PLANTING.
 - DO NOT DAMAGE OR CUT LEADER.
 - PRUNE ALL DAMAGED OR DEAD WOOD AFTER PLANTING, STAKING AND MULCHING.
 - KEEP CROWN SHAPE TYPICAL OF SPECIES. REMOVE ALL PLANTING TAGS, TAPE AND LABELS AFTER FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT OR ECOLOGIST.
 - PROVIDE WILDLIFE PROTECTION AS NEEDED.
 - CUT AND REMOVE ALL WIRE/TWINE WRAPPING AND BURLAP.



DECIDUOUS TREE

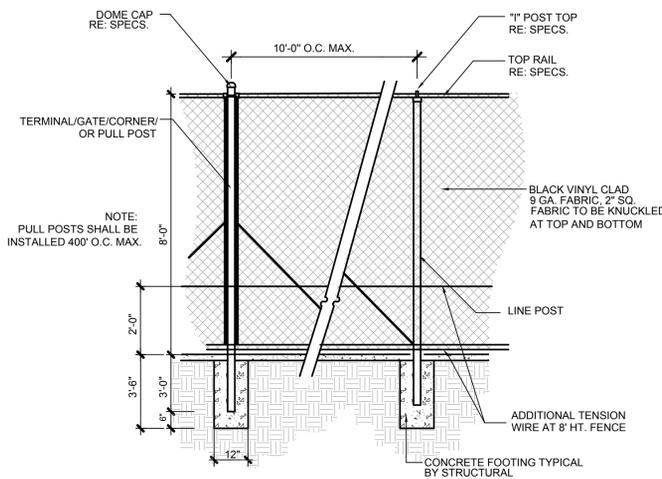


UPLAND EVERGREEN TREE



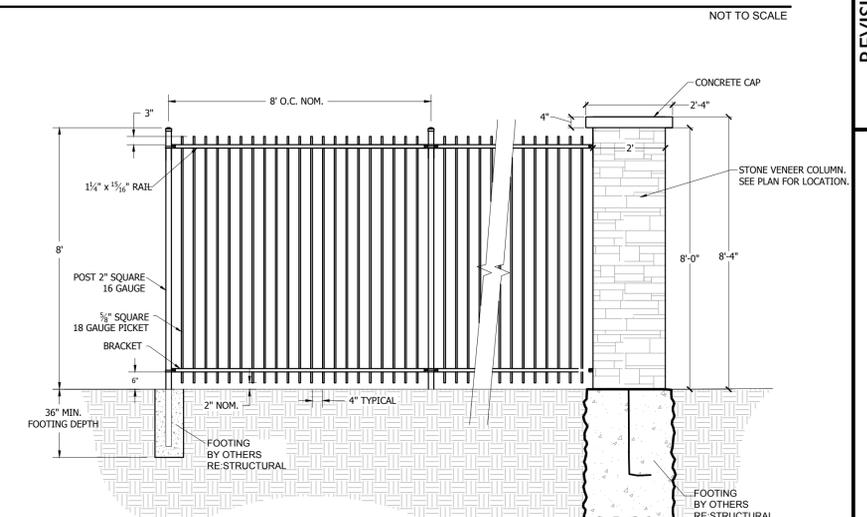
TREE PLANTING ON SLOPE

1 PLANTING DETAILS



2 8' HT. BLACK VINYL CLAD CHAIN LINK PERIMETER SECURITY FENCE

NOT TO SCALE



3 8' HT. BLACK IRON ORNAMENTAL FENCE WITH COLUMNS

NOT TO SCALE

VOGEL & ASSOCIATES
478 W. 12th Avenue - Suite E
Denver, Colorado 80204-3688
(303) 895-4288



Dewberry
Dewberry Engineers Inc.
990 S. BROADWAY, SUITE 400
DENVER, COLORADO 80209
(303) 825-1802

CALL BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND UTILITIES.
VOGEL AND ASSOCIATES ASSUMES NO RESPONSIBILITY FOR THE EXISTING UTILITIES SHOWN ON THIS DRAWING AND IS NOT PROVIDING ANY INFORMATION ON THE LOCATION OR DEPTH OF UTILITIES. THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION AND DEPTH OF UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY.
811

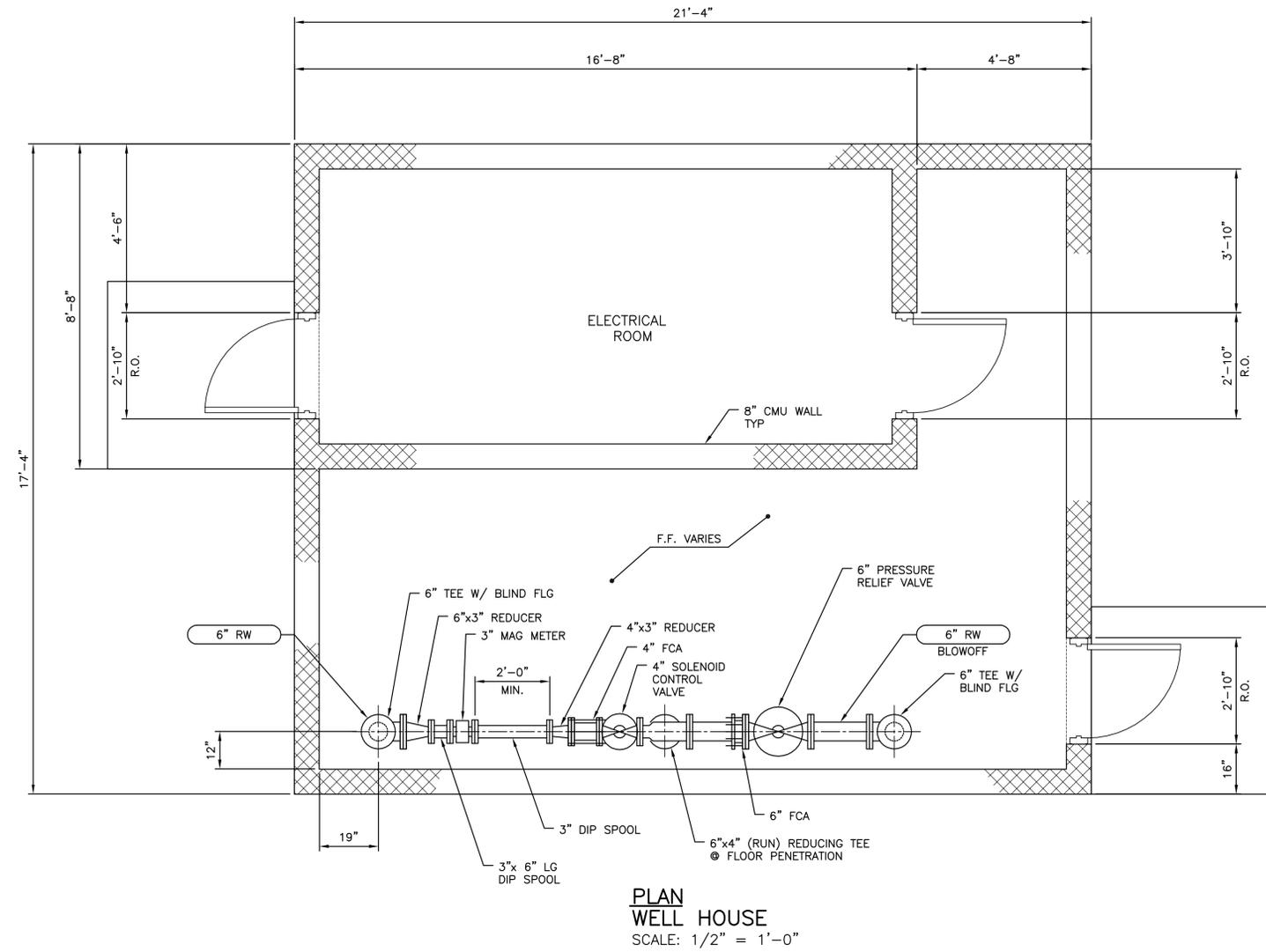
REVISIONS		DATE BY
#	DESCRIPTION	06/13/16
B	INITIAL COUNTY REVIEW COMMENTS	###
		###
		###
		###

VREI, INC.
PROSPER, COLORADO
WASTEWATER TREATMENT PLANT
LANDSCAPE PLAN DETAILS

INITIAL PLAN
RELEASE: _____
DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____
JOB NO. _____
SHEET
9 OF 14

LOCATION AND EXTENT PROSPER WATER TREATMENT PLANT

A PARCEL OF LAND SITUATED IN THE SOUTHWEST ¼ OF SECTION 8, TOWNSHIP 4 SOUTH,
RANGE 64 WEST, OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO



Dewberry
Dewberry Engineers Inc.
1095 S. MONACO PARKWAY
DENVER, COLORADO 80224
(303) 825-1802

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU
DIG, GRADE OR EXCAVATE FOR THE PASSING OF
UNDERGROUND UTILITY LINES.
IF YOU ARE NOT SURE OF THE LOCATION OF
UNDERGROUND UTILITIES, CONTACT THE
UTILITY OWNERS AND OBTAIN THE LOCATION
OF ALL UTILITIES. UTILITIES SHOWN ON THIS DRAWING HAVE BEEN LOCATED
AND MARKED BY THE CONTRACTOR TO BE RESPONSIBLE FOR VERIFYING
THE LOCATION OF ALL UTILITIES.
THE RESPONSIBILITY OF THE CONTRACTOR TO BE RESPONSIBLE FOR VERIFYING
THE LOCATION OF ALL UTILITIES.



REVISIONS	
#	DESCRIPTION

VREI, INC.
PROSPER, COLORADO
WATER TREATMENT PLANT
WELL HOUSE BUILDING PLAN

INITIAL PLAN
RELEASE: 05/10/16
DESIGNED BY: SEF
DRAWN BY: RDL
CHECKED BY: SEF

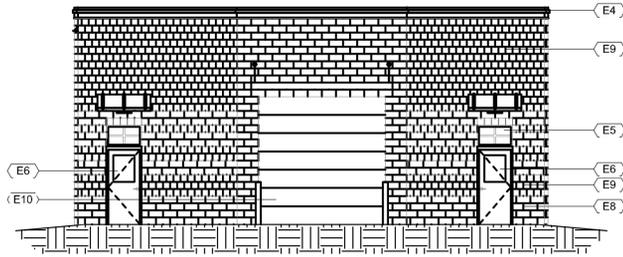
JOB NO.
50081235

SHEET
11 OF 14

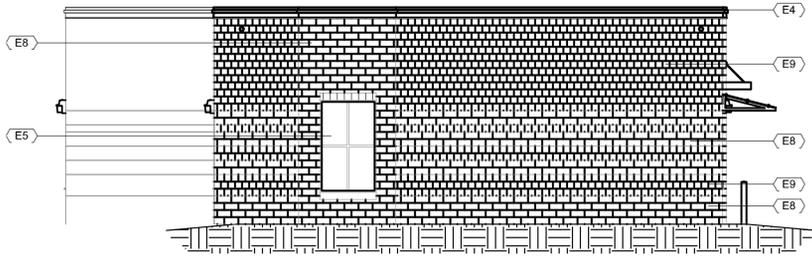
LOCATION AND EXTENT PROSPER WATER TREATMENT PLANT

A PARCEL OF LAND SITUATED IN THE SOUTHWEST ¼ OF SECTION 8, TOWNSHIP 4 SOUTH,
RANGE 64 WEST, OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO

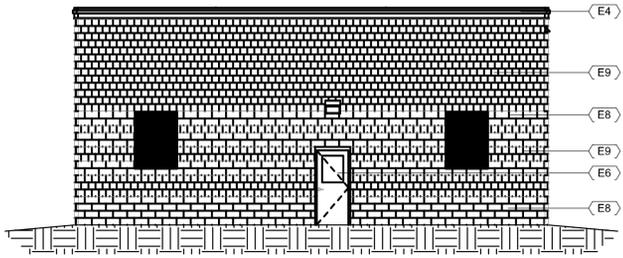
ELEVATION KEYED NOTES	
NOTE	DESCRIPTION
E4	METAL FASCIA
E5	ALUMINUM STOREFRONT
E6	HOLLOW METAL DOOR & FRAME
E8	CMU - 8X16
E9	CMU - 8X8
E10	OVERHEAD COILING DOOR



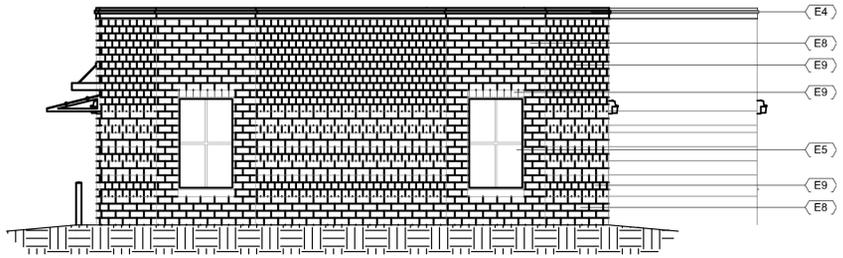
(A) NORTH ELEVATION
Scale: 1/8" = 1'-0"



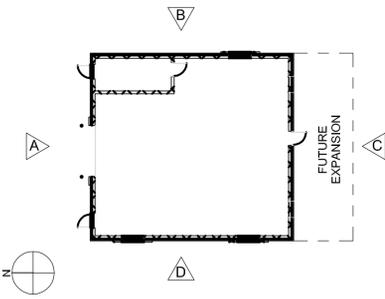
(B) EAST ELEVATION
Scale: 1/8" = 1'-0"



(C) SOUTH ELEVATION
Scale: 1/8" = 1'-0"



(D) WEST ELEVATION
Scale: 1/8" = 1'-0"



CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU
 DIG, GRADE OR EXCAVATE FOR THE PASSING OF
 UNDERGROUND UTILITY LINES.
 CALL 811 BEFORE YOU DIG.
 FOR A LIST OF PARTICIPATING UTILITIES, VISIT
 WWW.CALL811.COM. FOR A LIST OF PARTICIPATING
 UTILITIES, SHOWN ON THIS DRAWING HAVE BEEN NOTED.
 THE RESPONSIBILITY OF THE CONTRACTOR TO RE-VERIFY
 THE LOCATION OF ALL UTILITIES IS THE CONTRACTOR'S.
 CORRECTING ANY CONSTRUCTION ACTIVITIES.



REVISIONS	
#	DESCRIPTION

VREI, INC.
 PROSPER, COLORADO
 WATER TREATMENT PLANT
 BUILDING ELEVATIONS

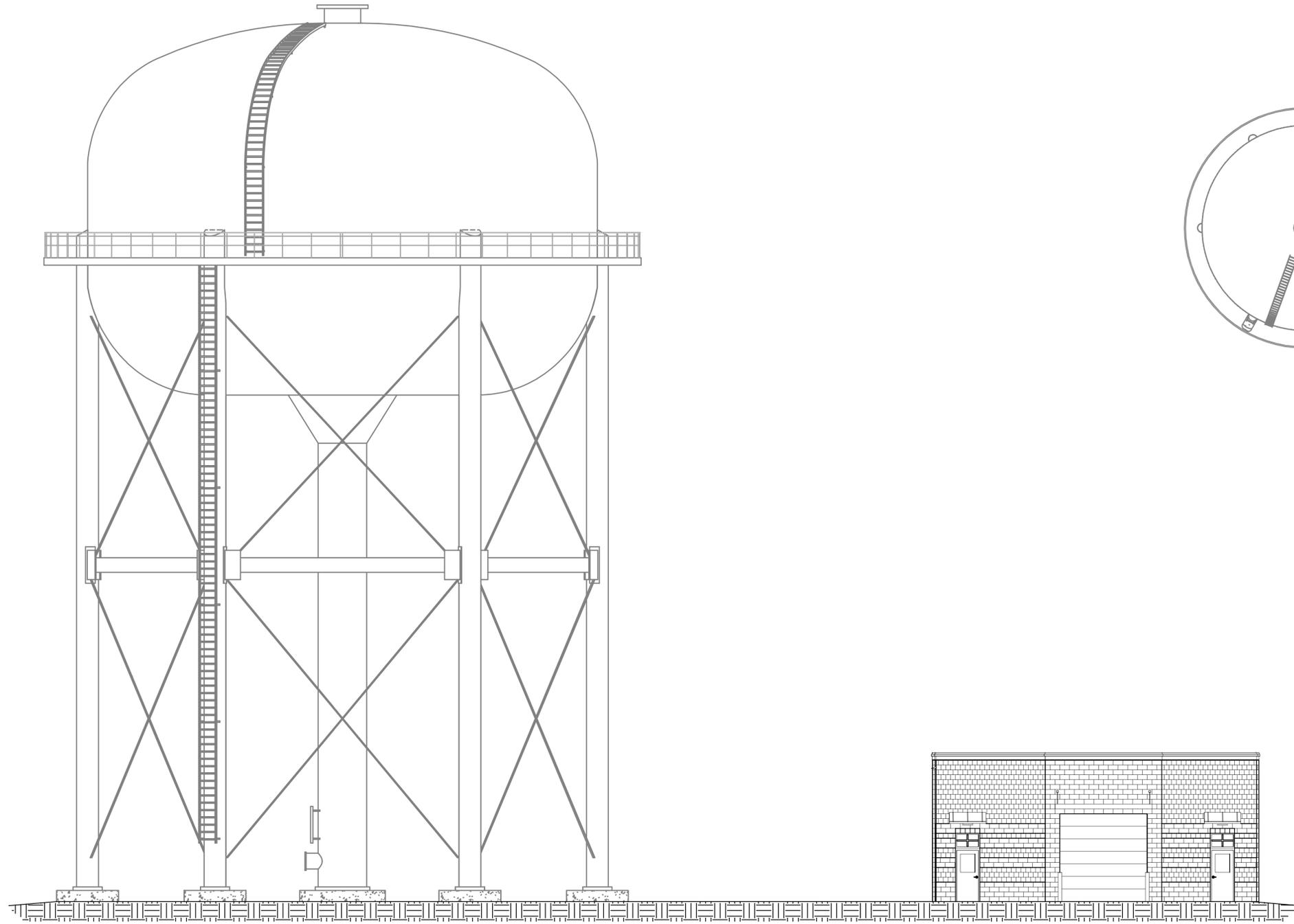
INITIAL PLAN
 RELEASE: 07/20/16
 DESIGNED BY: WL
 DRAWN BY: WL
 CHECKED BY: LWH

JOB NO.
 50081235
 SHEET
 12 OF 14

Dewberry
 Dewberry Engineers Inc.
 990 S. BROADWAY, SUITE 400
 DENVER, COLORADO 80209
 (303) 825-1802

LOCATION AND EXTENT PROSPER WATER TREATMENT PLANT

A PARCEL OF LAND SITUATED IN THE SOUTHWEST ¼ OF SECTION 8, TOWNSHIP 4 SOUTH,
RANGE 64 WEST, OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO



A NORTH ELEVATION
Scale: 1/8" = 1'-0"

WATER TREATMENT BUILDING (SEE SHEET A-1000)

ELEVATION KEYED NOTES	
NOTE	DESCRIPTION
E4	METAL FASCIA
E5	ALUMINUM STOREFRONT
E6	HOLLOW METAL DOOR & FRAME
E8	CMU - 8X16
E9	CMU - 8X8
E10	OVERHEAD COILING DOOR



Dewberry
Dewberry Engineers Inc.
990 S. BROADWAY, SUITE 400
DENVER, COLORADO 80209
(303) 625-1802

Before work begins, call 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG. GRADE OF EXCAVATE FOR THE MARKING OF UNDERGROUND UTILITY. CALL 811. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

REVISIONS	
#	DATE

VREI, INC.
PROSPER, COLORADO
WATER TREATMENT PLANT
MULTI-COLUMN TANK TOWER ELEVATION

INITIAL PLAN
RELEASE: 07/20/16
DESIGNED BY: LW
DRAWN BY: LW
CHECKED BY: LW

JOB NO.
50081235
SHEET
14 OF 14