EXHIBIT A DRAINAGE EASEMENT

OWNER'S CERTIFICATE



GWHEN'S MOTARY

County of Okishistry

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SURVEYOR'S CERTIFICATE

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SURVEYOR'S HOTARY

State of Ordohoma 195

Given unused your hand and user the day and year test above

the Commission superior June 6, 8402



BONDER ABSTRACTOR'S CHRISTICATE

good and accord this City day of Discretize long for one Fire Missey Company



BORRED ABSTRACTOR'S MOTARY

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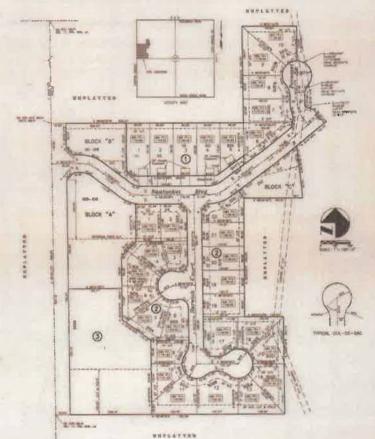
My Commission expires High Com.

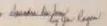


THE VINEYARD PHASE 1

A PLANNED UNIT DEVELOPEMENT

A SUBDIVISION OF PART OF THE NW 1/4 OF SECTION 17, T9N, R2W, I.M., NORMAN, CLEVELAND COUNTY, OKLAHOMA





PLANNING CONDESSION COMPRICATE

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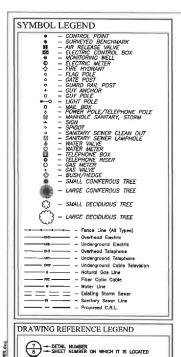








EXHIBIT B ENGINEERING PLANS



DETAIL DESCRIPTION

CITY OF NORMAN, OKLAHOMA

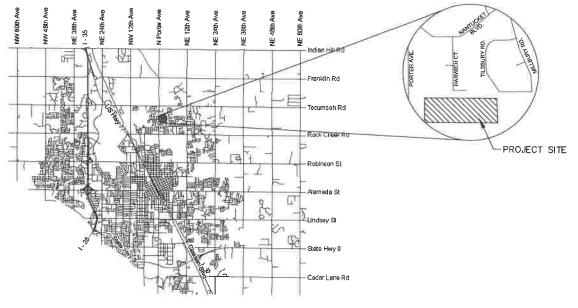
CONSTRUCTION PLANS

FOR

VINEYARD SUBDIVISION DRAINAGE IMPROVEMENTS CLEVELAND COUNTY

DRAWING INDEX

- 1 COVER SHEET
- 2 PAY ITEMS & NOTES
- 3 9 DETAILS
- 10 11 SURVEY DATA & RIGHT OF WAY
- 12 STORM WATER MANAGEMENT PLAN
- 13 FROSION CONTROL
- 14 DAM GEOMETRY & PROFILE
- 15 16 PIAN AND PROFILES
- 17 19 DAM CROSS SECTIONS
- 20 23 CHANNEL CROSS SECTIONS



LOCATION MAP

CURRENT OKLAHOMA DEPARTMENT OF TRANSPORTATION LATEST EDMION (0.D.O.T.) STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION SHALL BE USED FOR THE TECHNICAL SPECIFICATIONS,

CITY OF NORMAN STANDARD SPECIFICATIONS FOR CONSTRUCTION.

APPLICABLE SPECIFICATIONS:

OKLAHOMA DEPARTMENT OF EMMRONMENTAL QUALITY (DEQ) REGULATIONS SHALL APPLY FOR ALL WASTE AND SEWER RELATED WORK,

DATUM INFORMATION

HORIZONTAL DATUM NAD '83

VERTICAL DATUM NAVD '88

JODIE FINNEY B301 WATERFORD BLVD. SUITE 200 OKLAHOMA CITY, OK 73118 (405) 530-2587

MARK DANIELS
P.O. BOX 370
201A W. GRAY
NORMAN, OK 73070
(405) 366-5377

JODIE FINNEY

COX COMMUNICATIONS

CITY OF NORMAN CASEY FELTY UTILITY COORDINATOR 201 W. GRAY, BLDG. A NORMAN, OK 73069 (405) 291-1171 ONG GINA COX 4801 N. SANTA FE OKLAHOMA CITY, OK 73118 (405) 530-2587 (405) 366-5462

CONTACT INFORMATION

OG&E RUSTY BALDWIN (405) 740-7751

OEC TERRY HENDERSON P.O. BOX 120B NORMAN, OK 73070

(405) 217-6618

SBC/AT&T JESSE DEARMON 300 S. BROADWAY

MOORE, DK 73160

NOTES:

ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH CURRENT CITY OF NORMAN STANDARDS AND SPECIFICATIONS

MESHEK & ASSOCIATES, L.L.C



1/19/2023 DATE



MESHEK & ASSOCIATES, L.L.C. C.A. 1487 EXPIRES 6/30/23 1437 S. BOULDER AVE, STE. 1550 TULSA, OK 74119 (PH) 918-392-5620 (FAX) 918-392-5621 SHEET 1 OF 23 SHEETS

GENERAL NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 2009 OKLUHOMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE CURRENT CITY OF NORMAN STANDARD SPECIFICATIONS AND
- THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS COVERNING SAFETY, HEALTH AND SANTATION. THE CONTRACTOR SHALL PROVIDE ALL SAFEGUARDS, SAFETY DEMCES AND PROTECTIVE DUIPMENT, AND TAKE ANY OTHER NEEDED ACTION ON AS HIS OWN RESPONSIBILITY OR AS THE FINGHER MAY DETERMINE REASONABLY, NECESSARY TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERCE BY THE CONTRACT.
- PAY ITEMS SHALL BE AS SPECIFIED ON THE CITY OF NORMAN OR ON THE ODOT STANDARD DRAWINGS EXCEPT AS MODIFIED BY THE CONTRACT.
- THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN SACH AREA. THE CONTRACTOR IS FULLY RESPONSIBLE FOR JAY, AND ALL DAMAGES, WHICH MIGHT RESULT FROM HIS FAILURE TO LOCALE AND PRESERVE ANY AND ALL UTILITIES.
- THE LOCATIONS OF THE UTILITIES ARE SHOWN ACCORDING TO ALL AVAILABLE INFORMATION. THE CONTRACTOR SHALL NOTIFY EACH UTILITY OWNER PRIOR TO COMMENCEMENT OF WORK TO VERIET NOTIFY EACH UTILITY OWNER PRIOR TO COMMENCEMENT OF WORK TO VERIET NOTIFY HORSONAL AND VERTICAL LOCATIONS.
- THE CONTRACTOR SHALL GIVE THE NOTIFICATION CENTER OF OKLAHOMA ONE-CALL THE COMPRESSION SPACE GIVE HIS NOTIFICATION OF SOURCE THAN TEN DAYS NOT LATER THAN 48 HOURS, EXCLUDING SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS, PRIOR TO THE COMMENCEMENT OF WORK, PHONE, 1—800—522—5543.
- THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS TO PREVENT EXCESS THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS TO PHEVEN EXCESS MOISTURE FROM INCLEMENT WEATHER OR OFFICE STORES FROM INTERIOR ANY STREET EXCAVATION. IF EXCESS MOISTURE DOES ENTER THE EXCAVATION THROUGH THE RECURSING ANY STREET HE EXCAVATION THROUGH THE ADMONING PACKENT, IS ADVERSELY EFFECTED BY THE EXCESS MOISTURE, THE CONTRACTOR SHALL REPLACE THE ADJOINING PAVEMENT AND SUBBASE AT HIS SOLE EXPENSE.
- THE CONTRACTOR SHALL PRESERVE THE INTEGRITY OF THE SANITARY SEWER STRUCTURES AND ALL OTHER UTILITY STRUCTURES WITHIN THE PROJECT EXTENTS
- THE CONTRACTOR SHALL WORK IN COOPERATION WITH THE CITY OF NORMAN TO ESTABLISH, INSTALL, MAINTAIN, AND OPERATE COMPILETE, ADEQUATE, AND SAFE TRAFFIC CONTROLS DURING THE ENTITE CONSTRUCTION PERIOD, ALL FLAGMEN, BARRICADES, AND TRAFFIC CONTROL DEVICES SHALL BE APPROVED BY THE FIELD ENGINEERING PROPERSENTATION.
- CONSTRUCTION SIGNAGE WILL BE INSTALLED IN A MANNER APPROVED BY THE ENGINEER, ON ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNFORM TRAFFIC CONTROL
 DEVICES, CURRENT ADDITION, AND APPLICABLE ODDT STANDARD DRAWINGS. THE
 CONTRACTOR SHALL PROVIDE A PROPOSED TRAFFIC CONTROL PLAN FOR APPROVAL BY
 THE ENGINEER PRIOR TO BEGINNING WORK.
- 11. THE CONTRACTOR SHALL NOTIFY THE CITY OF NORMAN A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK OR PRIOR TO REMOVING TRAFFIC SIGNS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL EXISTING TRAFFIC SIGNS AND MARKINGS REMOVED OR DAMAGED FOR THE PROJECT. ALL SIGNS AND POLES PROVIDED SHALL BE NEW AND UNDAMAGED.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PREPARATION AND DISTRIBUTION OF A WRITTEN NOTICE TO RESIDENTS 48 HOURS PRIOR TO BEGINNING PAVEMENT REMOVAL OPERATIONS.
- LOCAL AND THROUGH TRAFFIC SHALL BE MAINTAINED THROUGH THE PROJECT AT ALL
- 15. ALL PUBLIC AND PRIVATE STREETS AND DRIVES SHALL BE ACCESSIBLE AT ALL TIMES.
- ALL BROKEN CONCRETE, WASTE MATERIAL, AND OTHER DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE LIMITS OF THE PROJECT AND DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE DISPOSAL OF THIS MATERIAL.
- ALL EXCAVATED MATERIAL NOT REQUIRED IN THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN A MANNER ACCEPTABLE TO THE ENGINEER WITHOUT COST TO THE CITY. EARTH CHANGE PERMIT REQUIRED IF DISTURBING ≥1 ACRE. CONTRACTOR MUST OBTAIN AN ECP &
- ALL TREES, BRUSH AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER IS TO BE CLEANED OUT TO THE RIGHT-OF-WAY LINE IN A MANNER APPROVED BY THE ENGINEER. ALL COST TO BE INCLUDED IN THE PRICE BID FOR OTHER TEMS OF WORK. TREES OUTSIDE THE FILL SLOPES AND THE TOP OF OUT SLOPES SHALL NOT BE DISTURBED EXCEPT WITH THE WRITTEN APPROVAL OF THE ENGINEER.
- 19. WHERE MATERIALS ARE TRANSPORTED IN THE PROSECUTION OF WORK VEHICLES SHA NOT BE LOADED BEYOND THE CAPACITY RECOMMENDED BY THE VEHICLE MANUFACTURER OR AS PRESCRIBED BY ANY FEDERAL, STATE OR LOCAL LAW OR REGULATION.
- ANY DAMAGE TO THE ROADWAY PAVEMENT, CURB, DRIVEWAYS OR SIDEWALK DAUSED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED TO THE ENGINEER'S SATISFACTION AND SHALL BE ACCOMPLISHED AT THE CONTRACTOR'S SOLE EXPENSE. ALL DISTURBED FIEMS SHALL BE REPAIRED TO MATCH EXISTING MATERIALS AND PATTERNING. 2D.
- 21. IF THE CONTRACTOR ENCOUNTERS VOIDS WHEN PATCHING STREETS, THE CONTRACTOR SHALL CALL CITY OF NORMAN FOR AN INSPECTION BEFORE PROCEEDING WITH WORK.

GENERAL CONSTRUCTION NOTES (CONTINUED):

- 22. PHYSICAL TESTING FOR QUALITY ASSURANCE SHALL BE FURNISHED BY THE CITY.
- 23. MASONRY STRUCTURES SHALL NOT BE CONSTRUCTED WITHIN THE STREET
- 24. ALL CONCRETE CURB AND GUTTERS SHALL BE MONOLITHIC POURS, DOWELED-ON CURBS
- 25. NO LIFTING HOLES WILL BE ALLOWED ON ANY REINFORCED CONCRETE PIPES OR REINFORCED CONCRETE BOXES.
- 26. REFLECTORIZED SHEETING ON SIGNS AND BARRICADES SHALL BE OF A CUBIC PRISMATIC TYPE AND SHALL MEET THE SPECIFICATIONS ESTABLISHED FOR ASTM A 4958-01 TYPE IX RETROREFLECTURE SHEETING, ON STRING AND TUBE CHANNELIZENS SHALL BE OF A HIGH-INTENSITY TYPE AND SHALL MEET THE SPECIFICATIONS ESTABLISHED FOR ASTM O 4955-01 TYPE III RETROREFLECTIVE
- 27. THE CONTRACTOR SHALL REPLACE ANY SECTION CORNERS OR OTHER PERMANENT RIGHT OF WAY MARKERS REMOVED OR DISSURBED AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT. REPLACEMENT OF SECTION CORNERS OR ANY OTHER MODILABLES SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR AUTHORIZED TO PERFORM WORK IN THE STATE OF DICLAHOMA.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL AND MAINTENANCE OF THE STORMWATER DRAINAGE, STORMWATER PONDING ON THE CONSTRUCTION SITE THAT IS THE RESULT OF CONSTRUCTION MILL NOT BE ALLOWED.
- 29. STRAW OR HAY BALES AS STORMWATER BEST MANAGEMENT PRACTICES ARE NO LONGER
- 30. THE CONTRACTOR MUST CALL 1-800-458-4251 IMMEDIATELY IF A NATURAL GAS PIPEUNE IS CUT, DAMAGED, OR OTHERWISE DISTURBED.
- 31. PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED CURB SURFACES SHALL BE CLEANED OF ALL DISCOLORATION SUCH AS ASPHALT STAIN, TIRE MARKS, OR OTHER DISFIGUREMENT.
- 32. CUNTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIALS IN THE FLOODPLAIN,

PAY_ITEM_NOTES:

- WORK SHALL CONSIST OF CLEARING, GRUBBING, REMOVING AND DISPOSING OF ALL VOCETATION AND DEBTIS (INCLUDES TIRES) WHICH ARE WITHIN THE RIGHT-OF-WAY AND EASEMENT AREAS, EXCEPT SUCH DEBUCTS AS ARE DESIGNATED TO REMAIN OR ARE TO BE REMOVED IN ACCORDANCE WITH OTHER SECTIONS OF THE DOOL SPECIFICATIONS OR THESE DOCUMENTS. THIS WORK SHALL ALSO INCLUDE THE PRESERVATION FROM INJURY OR DEFACEMENT OF ALL VEGETATION AND DEBUCTS DESIGNATED TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION
- CONTRACTOR SHALL FURNISH SUFFICIENT ORANGE SAFETY FENCING TO PROTECT THE GENERAL PUBLIC DURING EXCAVATION OPERATIONS FROM OPEN TRENCHES AND OTHER
- THIS WORK SHALL CONSIST OF ALL NECESSARY TEMPORARY MEASURES AND DEVICES TO CONTROL EROSION AND SEDIMENT WITHIN THE PROJECT LIMITS AND TO MINIMAIRE THE POLLUTION OF RIVERS, STREAMS, IMPOUNDMENTS AND PRIVATE PROPERTIES, SUCH MEASURES MAY INCLUDE BERMS, DIKES, SLOPE DRAINS, SILTATION SCREENS, FABRICS, SEDIMENT FLITERS, SEDIMENT BASINS, PIBER MAIS, NEITHING, GRAVEL, BIP RAP, MULCHES, GRASSES AND OTHER SEDIMENT CONTROL DEVICES AND PERMANENT FROSION CHIRDLES, SECOND THE PLAN SHEETS TO ASSURE THE ECONOMICAL, EFFECTIVE AND CONTINUOUS CONTROL OF EROSION AND SEDIMENT THROUGHOUT THE CONSTRUCTION AND POST CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL APPLY SOLID SLAB SODDING IN LIKE KIND TO THAT EXISTING WHERE TURF IS DAMAGED DURING CONSTRUCTION OR OTHER MISCELLANGOUS WORK ITEMS. THE COST OF TOPSOLI, BACKFLIL, SOODING, FERTILIZING, AND WATERING SHALL BE INICIDENTAL TO THIS ITEM. SODDING, FERTILIZING, AND WATERING SHALL BE IN CONFORMANOE WITH RESPECTIVE SPECIFICATIONS. FERTILIZING, SHALL BE AN APPROVED TURF FERTILIZER APPLIED AT A RATE OF 1.5 LB PER 10. SOULARE VARDS. WATERING SHALL BE APPLIED AS MALL BE APPLIED AS COMPLETE.
- TO BECOME THE PROPERTY OF AND BE DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.
- 6. TO INCLUDE THE COST OF SAW CUTTING AND EXCAVATION TO NATIVE MATERIALS.
- TO INCLUDE THE COST OF REMOVAL OF CONCRETE WALLS AND RAILROAD TIE WALLS.
- CONTRACTOR SHALL INCLUDE THE COST OF THE FOLLOWING ITEMS:
- 18" TYPE 1, PLAIN RIPRAP 83 SY BOLLARDS 2 EA
- 8.2. 8.3. BOLLARDS - 2 EA WARNING SIGNAGE - 1 EA
- IRRIGATION SYSTEMS (REPAIR)
 - FENCE STYLE WIRE (9' HIGH) 400 LF (FOR REPAIR)
 ANY ITEMS REPAIRED DURING CONSTRUCTION SHALL BE TO THE SATISFACTION OF
- 8.7. 9'x4' GALVANIZED STEEL ORIFICE PLATE AS CALLED FOR IN DETAIL 1, SECTION B-B,
- 9. TO INCLUDE THE COST OF TRENCH EXCAVATION AND STANDARD BEDDING MATERIAL.
- 10. THIS ITEM TO BE USED FOR THE DAM CORE MATERIAL IN THE CASE THAT ADEQUATE SUITABLE MATERIAL (APPROVED CLAY MATERIAL EXCAVATED AT THE SITE) IS NOT ENCOUNTERED, ITEM MAY BE OMITTED IN ITS ENTIRETY.

- 11. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER TO REPLACE FENCE LIKE-KIND.
- 12. TREES UNDER 6" SHALL BE INCLUDED IN CLEARING AND GRUBBING.
- 13. ITEM QUANTITY INCLUDES VARIABLE HEIGHT FENCE PANELS REFERRED TO ON PLANS. HEIGHT VARIES FROM 4 4' TO 8 0'
- 14. ITEM SHALL MEET OR EXCEED ASTM F2881 AND AASHTO M330 SPECIFICATIONS FOR HP STORM PIPE, CONTRACTOR TO PROVIDE ADS POLYPROPYLENE PIPE OR APPROVED

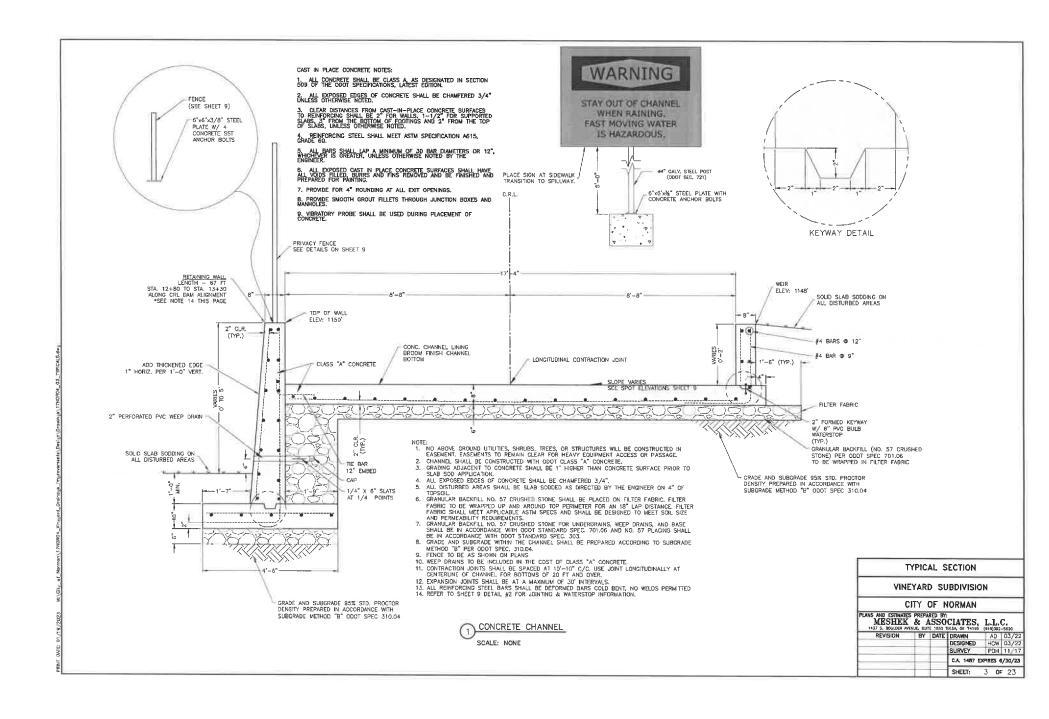
		PAY ITEMS			
ITEM NUMBER	SPEC NUMBER	ITEM DESCRIPTION	NOTES	UNIT	QUANTITY
1	201(A)	CLEARING AND GRUBBING	1	EA	1.00
2	202(A)	UNCLASSIFIED EXCAVATION	S	CY	2,253.00
3	202(E)	SELECT BORROW	10	CY	1,225.00
4	221(C)	TEMPORARY SILT FENCE	3	LF	1,650.00
5	221(F)	TEMPORARY SILT DIKE	3	LF	124.00
6	228	NYLON EROSION CONTROL MAT	3	SY	71.00
7	230(A)	SOLID SLAB SODDING (LIKE-KIND)	3,4	SY	6,266.00
8	240(A)	REMOVING TREES 6" TO 12" IN DIAMETER	12	EA	99.00
9	240[A]	REMOVING TREES 13" TO 18" IN DIAMETER	12	EA	25.00
10	240[A]	REMOVING TREES 19" TO 24" IN DIAMETER	12	EA	5.00
11	240(A)	REMOVING TREES 25" & MORE IN DIAMETER	12	EA	5.00
12	310(8)	SUBGRADE METHOD B		SY	983.00
13	501(F)	GRANULAR BACKFILL (#57 CRUSHED STONE)		CY	782,00
14	509(8)	CLASS A CONCRETE		CY	305.00
15	509(0)	CLASS C CONCRETE		CY	17.00
16	511(A)	REINFORCING STEEL		LB	25,000.0
17	502(C)	FILTER FABRIC		SY	3,747,0
18	510(A)	4" CONCRETE SIDEWALK		SF	1,576.0
19	613(EE)	24" HP POLYPROPYLENE PIPE (HP STORM PP)	2,9,14	LF	1,840,0
20	519(A)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	5,6,7	LSUM	1.0
21	619(8)	REMOVAL OF FENCE	5	UF	818.0
22	619(8)	REMOVAL OF SIDEWALK	5,6	SY	348.0
23	619(8)	REMOVAL OF EXISTING PIPE	2,5	LF	485.0
24	619(B)	REMOVAL OF HEADWALL	5	EA	1.0
25	624(E)	FENCE-STYLE CLF (4' HIGH) (BLACK VINYL COATED)		LF	145.0
26	624	FENCE-POST AND RAIL	11	LF	148.0
27	624	(PL) WOOD PRIVACY FENCE (6')		LF	810,0
28	624	(PL) WOOD PRIVACY FENCE (8')	13	LF	153.0
29	641	MOBILIZATION		EA	1.0
30	642	CONSTRUCTION STAKING LEVEL I		EA	1.0
31	SPECIAL, 601	URBAN R/W RESTORATION	8	LSUM	1.00

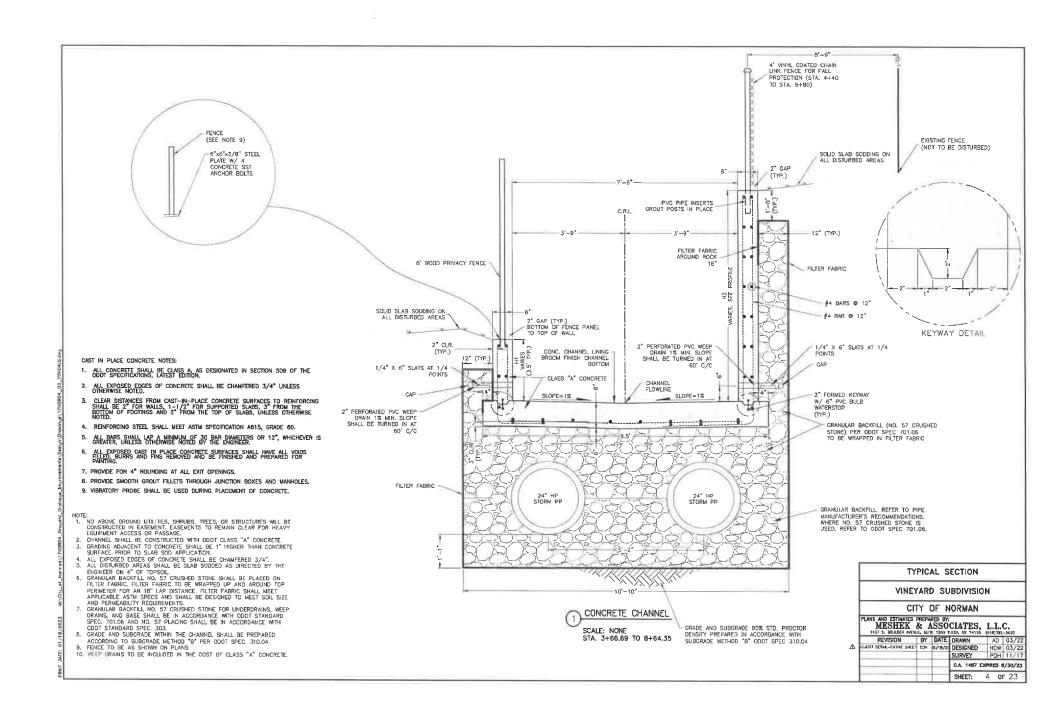
APPLICABLE ODOT STANDARDS:

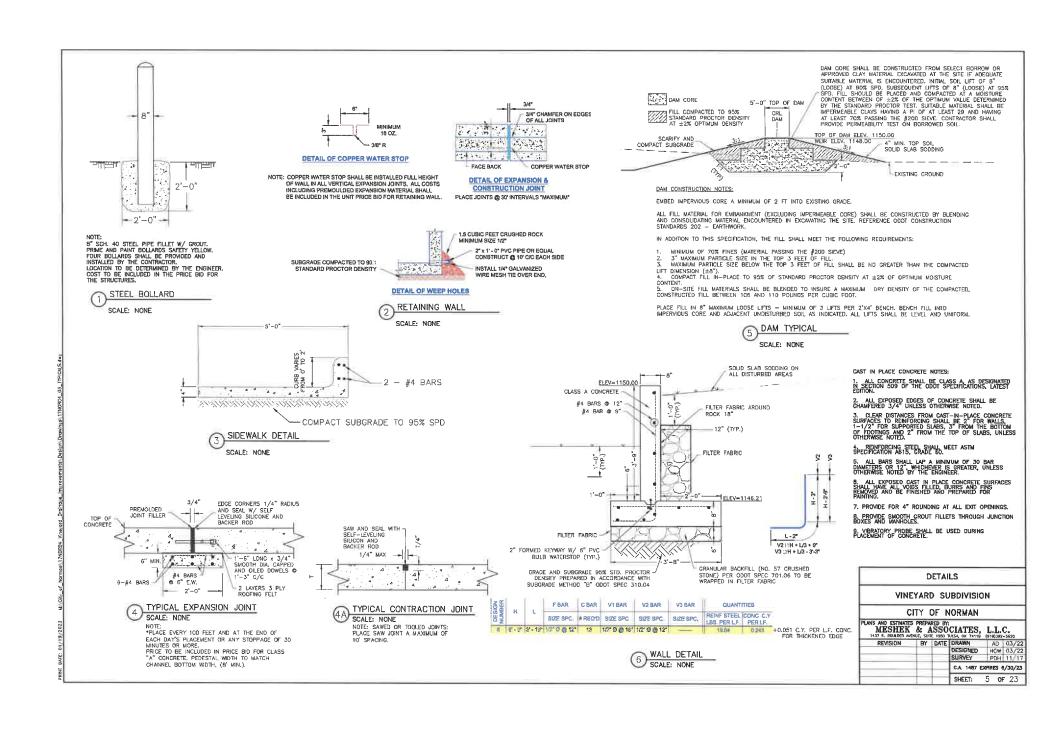
TSC2-3-2 TEMPORARY SEDIMENT CONTROLS TSD-2-0 CSCD-5-4 TEMPORARY SILT DIKE CONCRETE SURFACING CONSTRUCTION DETAILS

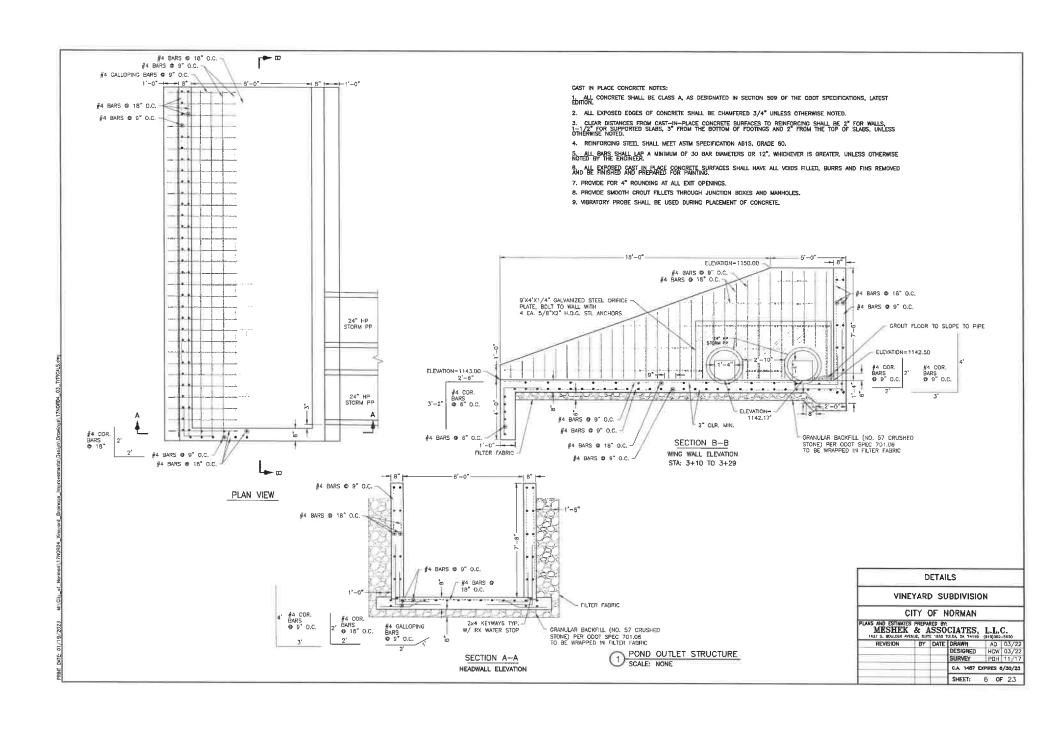
SPI-4-1 STANDARD PIPE INSTALLATION SPB-1-4 STANDARD PIPE BEDDING

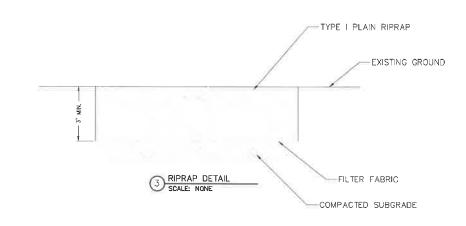
PAY ITEMS & NOTES					
VINEYARD SUBDIVISION					
CITY OF NORMAN					
PLANS AND ESTIMATE MESHEK 1437 S. BOULDER AV	S PREPA	ASSO	CIATES,	L.L.C. (918)392-5620	
PLANS AND ESTINATE MESHEK 1437 S. EDULDER AV REVISION	& L	LSSO	CIATES, TULSA, DX 74116 DRAWN	L.L.C. (918)392-5620 AD 03/22	
MESHEK 1437 S. BOULDER AV	& L	LSSO	CIATES,		
MESHEK 1437 S. BOULDER AV	& L	LSSO	CIATES, TOLSA, DX 74116 DRAWN	AD 03/22	
MESHEK 1437 S. BOULDER AV	& L	LSSO	CIATES, PULSA, DX 74110 DRAWN DESIGNED SURVEY	AD 03/22 HCW 03/22	

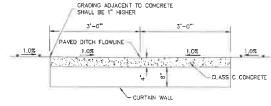




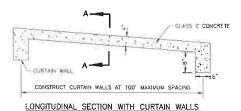








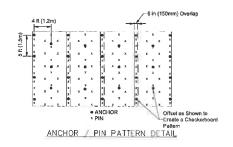
SECTION A-A

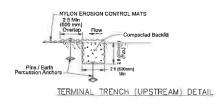


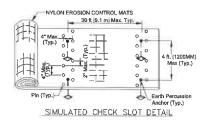
PAVED DITCH DETAIL SCALE: NONE

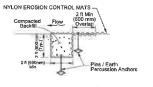
PAVED DTICH GENERAL NOTES:

- 1. ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 2019 ODOT STANDARD SPECIFICATIONS.
- 2. ALL COST OF ADDITIONAL BORROW OR EXCAVATION REQUIRED FOR INSTALLING PAVED DITCH SHALL BE INCLUDED IN PRICE BID FOR CLASS C CONCRETE.
- 3. THE DITCH SHALL BE WATERED AND COMPACTED BEFORE PLACING CLASS C CONCRETE.







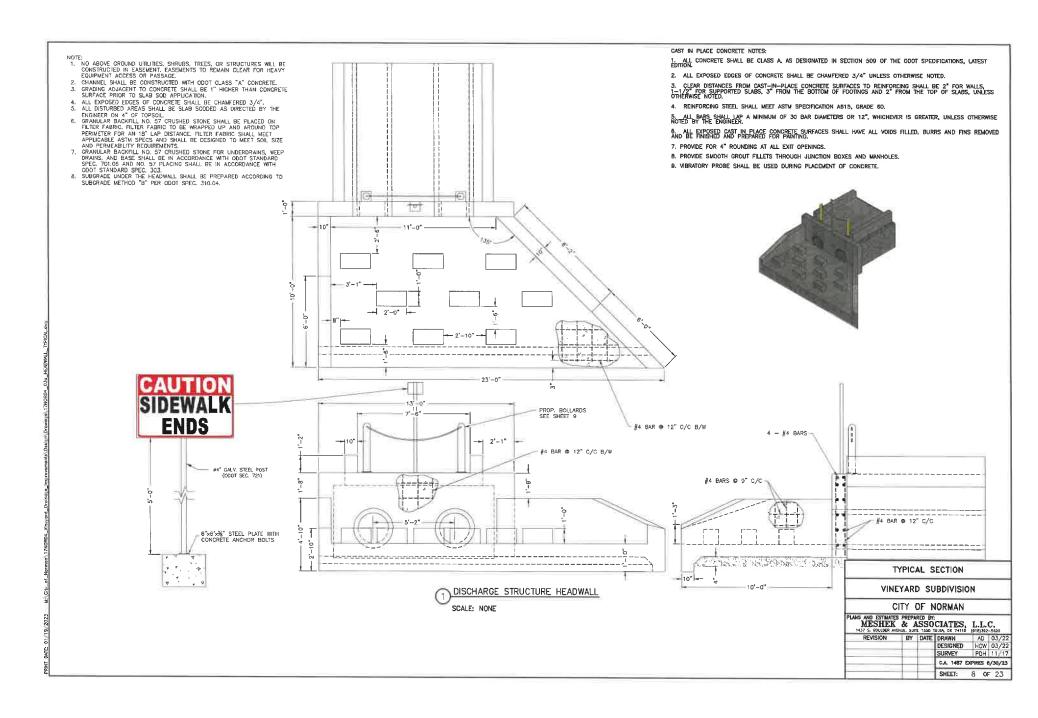


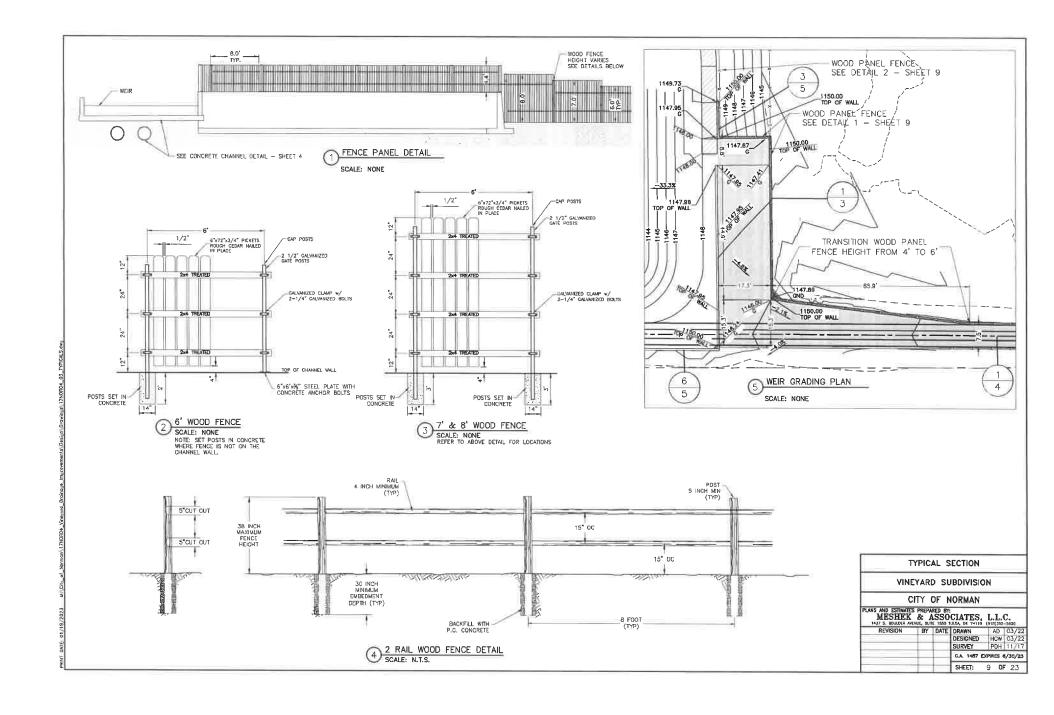
INITIAL TRENCH (DOWNSTREAM) DETAIL

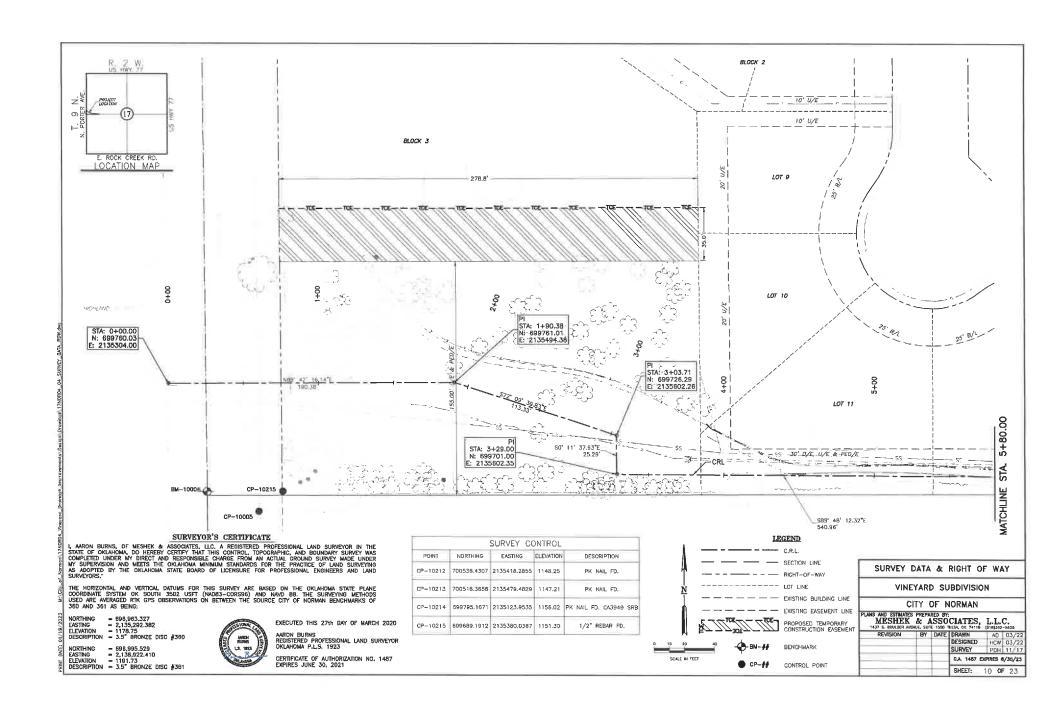
(2)	NYLON	NONE NONE	CONTROL	MAT	DETAILS
9	SCALE:	NONE			

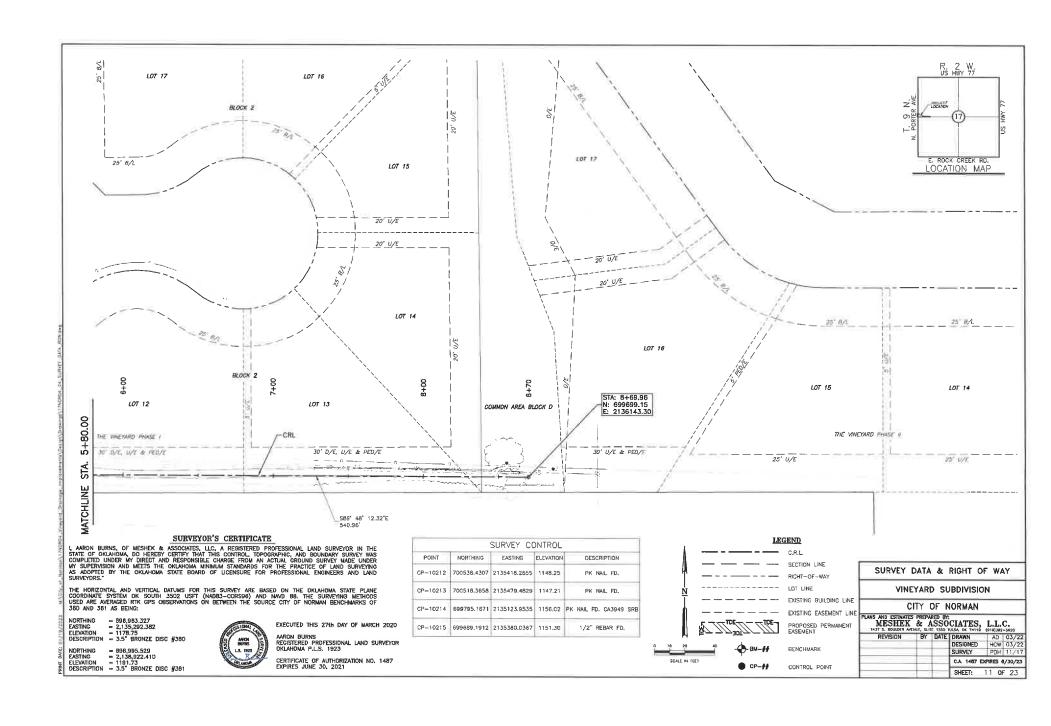
DETAILS					
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ANS AND ESTIMATES MESHEK 1437 S. BOULDER AVEN	& A	ASSO 1	CIATES,	L.L. (918)392	
REVISION	BY	DATE	DRAWN	AD	03/22
			DESIGNED	HCW	03/22
			SURVEY	PDH	11/17

C.A. 1487 EXPIRES 6/30/23 SHEET: 7 OF 23



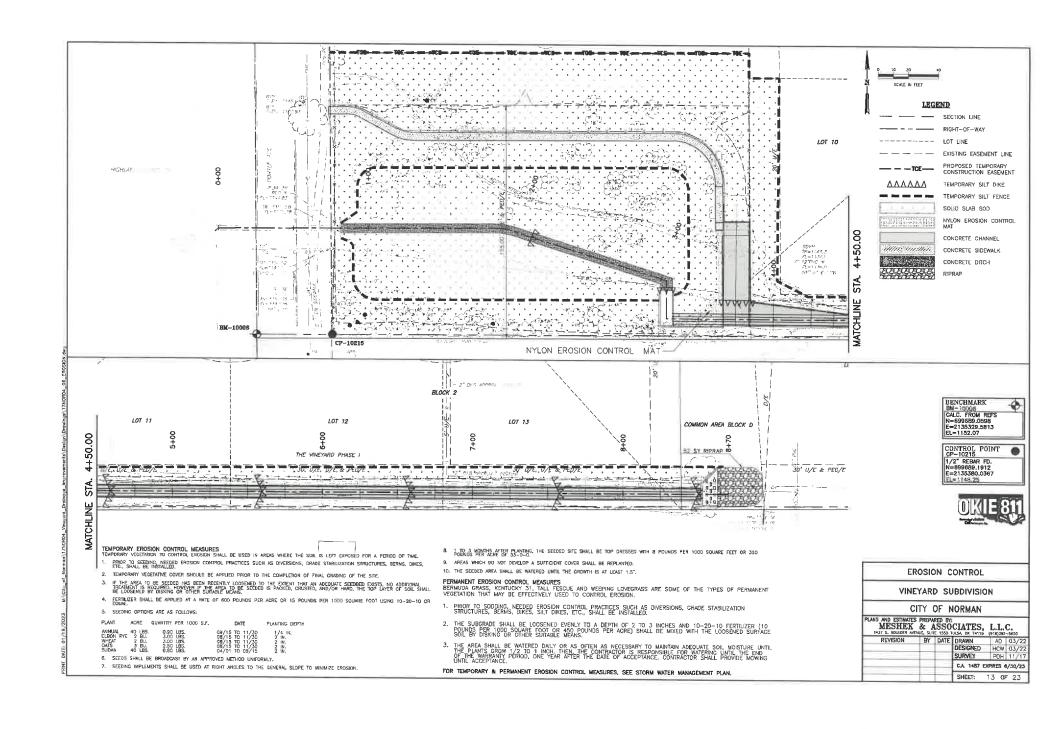


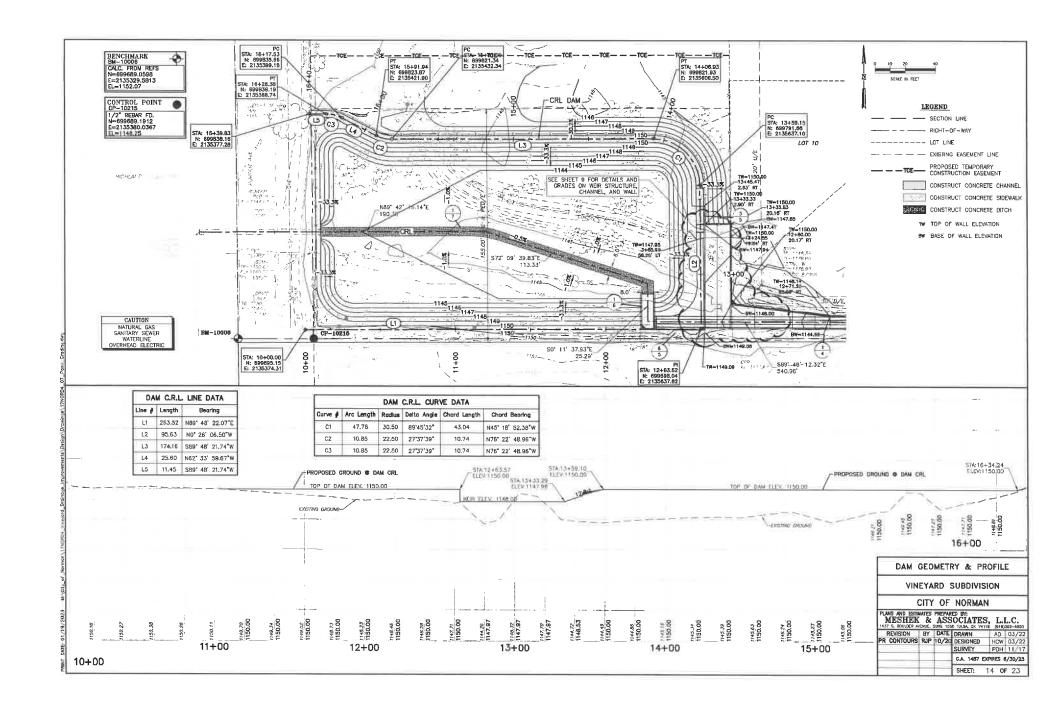


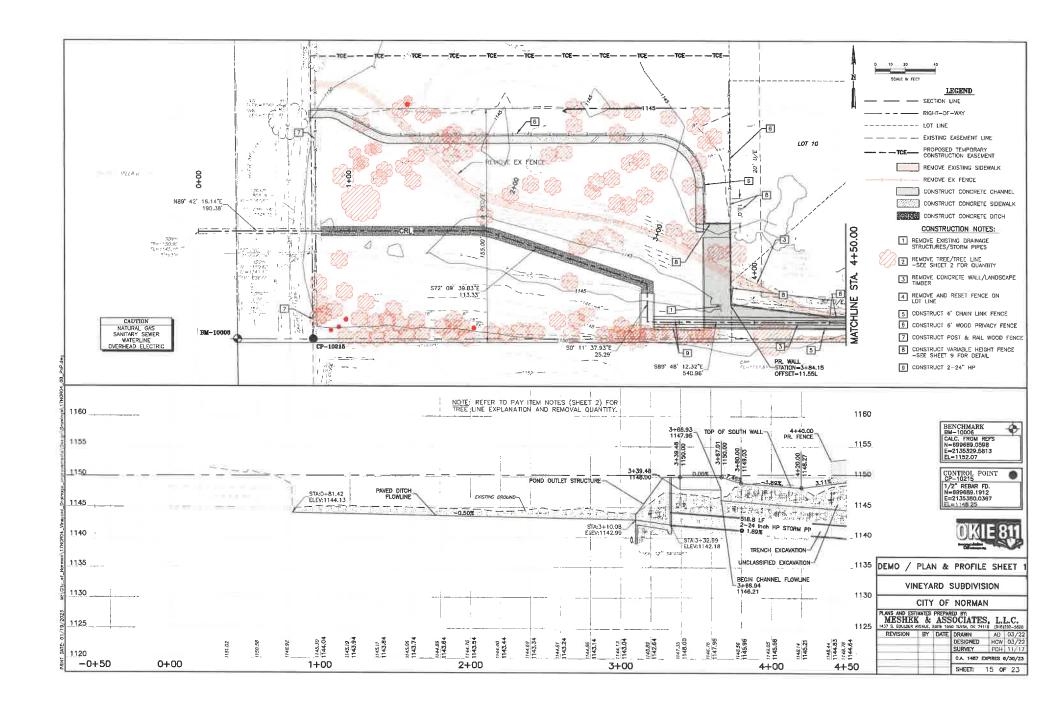


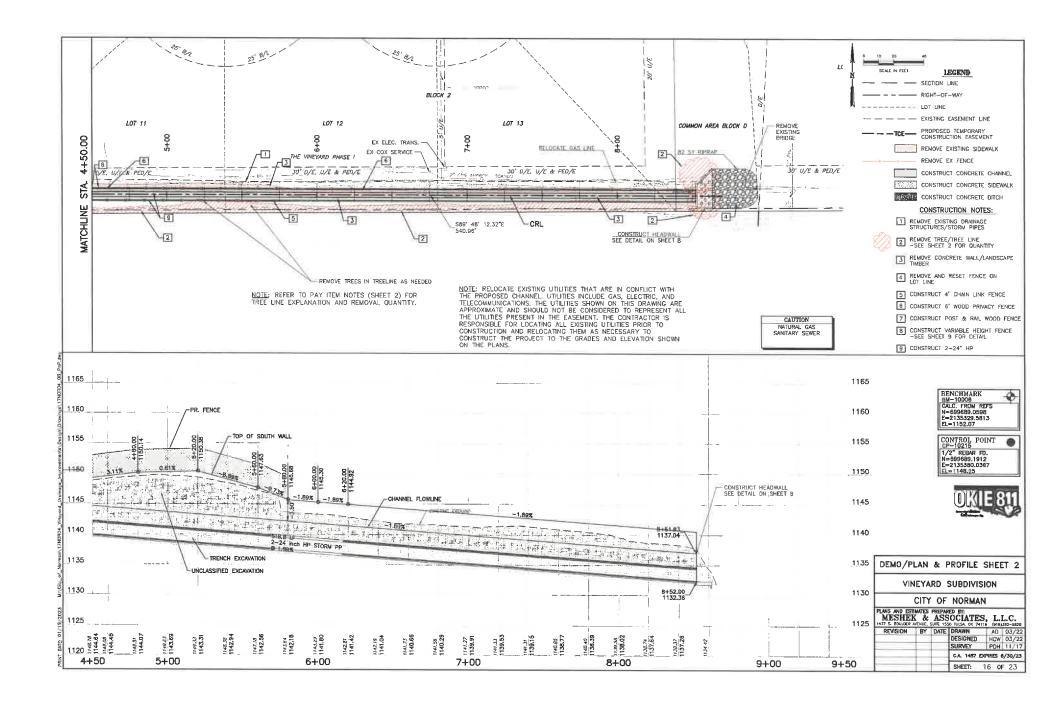
STORM WATER MANAGEMENT PLAN

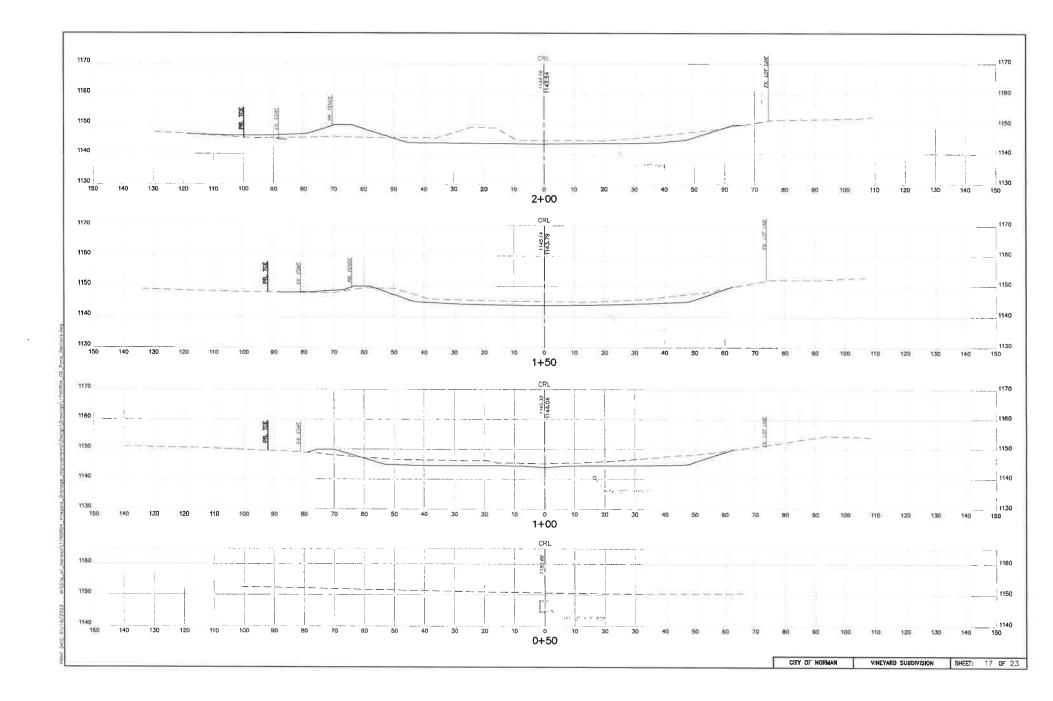
SITE DESCRIPTION	EROSION AND SEDIMENT CONTROLS			
PROJECT LIMITS: NORMAN OK, APPROXIMATELY 800' NORTH OF ROCK CREEK ROAD ON N PORTER AVE.	SOIL STABILIZATION PRACTICES:	THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE FOLLOWING:		
PROJECT DESCRIPTION: CONSTRUCT DETENTION POND DRAINAGE STRUCTURES. STORM SEWER, CONCRETE CHANNEL SIDEWALK AND FENCE. SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES: 1. TEMPORARY EROSION CONTROL.	TEMPORARY SEEDING X PERMANENT SODDING, SPRIGGING OR SEEDING VEGETATIVE MULCHING SOIL RETENTION BLANKET X PRESERVATION OF EXISTING VEGETATION NOTE: TEMPORARY EROSION CONTROL METHODS MUST BE USED ON ALL DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR OVER 14 DAYS. METHODS USED WILL BE AS SHOWN ON PLANS, OR AS DIRECTED BY THE ENGINEER.	MAINTENANCE AND INSPECTION: ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER FROM THE BEGINNING OF CONSTRUCTION UNTIL AN ACCEPTABLE VEGETATIVE COVER IS ESTABLISHED. INSPECTION BY THE CONTRACTOR AND ANY NECESSARY REPAIRS SHALL BE PERFORMED ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCH AS RECORDED BY A NON-FREEZING RAIN QUE TO BE LOCATED ON SITE. POTENTIALLY ERODIBLE AREAS, DRAINAGEWAYS, MATERIAL STORAGE, STRUCTURAL DEVICES, CONSTRUCTION ENTRANCES AND EXTRS ALONG WITH EROSION AND SEDIMENT CONTROL LOCATIONS ARE EXAMPLES OF SITES THAT NEED TO BE INSPECTED. WASTE MATERIALS: PROPER MANAGEMENT AND DISPOSAL OF CONSTRUCTION WASTE MATERIAL IS REQUIRED BY THE CONTRACTOR, MATERIALS INCLUDE STOCKPILES, SURPLUS, DEBRIS, AND ALL OTHER BY-PRODUCTS FROM THE CONSTRUCTION		
2. CLEARING AND GRUBBING OF EXISTING VEGETATION. 3. POND EXCAVATION. 4. DAM, OUTLET STRUCTURE AND CHANNEL CONSTRUCTION.	STRUCTURAL PRACTICES:	MATERIALS INCLIDE STOCKPILES. SURPLUS, DEBRIS AND ALL OTHER BY-PRODUCTS FROM THE CONSTRUCTION PROCESS. PRACTICES INCLUDE DISPOSAL, PROPER MATERIALS I ANDDING, SPILL PREVENTION AND CLEANUP MEASURES, CONTROLS AND PRACTICES SHALL MEET THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AGENCIES. HAZARDOUS MATERIALS: PROPER MANAGEMENT AND DISPOSAL OF HAZARDOUS WASTE MATERIALS IS REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING MANUFACTURERS RECOMMENDATIONS, STATE AND FEDERAL REQUIATIONS TO ENSURE CORRECT HANDLING, DISPOSAL, SPILL PREVENTION AND CLEANUP MEASURES, EXAMPLES INCLUDE BUT ARE NOT LIMITED TO: PAINTS, ACIDS, CLEANING SOLVENTS, CHEMICAL ADDITIVES, CONCRETE CURING COMPOUNDS AND CONTAMINATED SOILS. GENERAL NOTES: A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED TO COMPLY WITH THE OKLAHOMA POLLUTION DISCHARGE ELMINATION SYSTEM (OPDES) REGULATIONS. THIS PLAN IS INITIATED DURING THE DESIGN PHASE, CONFIRMED IN THE PRE-WORK MEETINGS AND AVAILABLE ON THE JOB SITE ALLONG WITH COPIES OF THE NOTICE OF ENVIRONMENT PRAME OF THE MEETINGS AND AVAILABLE ON THE JOB SITE ALLONG WITH COPIES OF THE NOTICE OF ENVIRONMENT PRAME OF THE PROJECT. ALL CONTRACTOR OF SITE ENERTY HAS EXPENDED AND A THE PROGRESSION OF THE PROJECT. ALL CONTRACTOR OF SITE ENERTY HAS EXPENDED AND A THE PROGRESSION OF THE PROJECT. ALL CONTRACTOR OF SITE ENERTY HAS EXPENDED AND A THE PROGRESSION OF THE PROJECT. ALL CONTRACTOR OF SITE ENERTY HAS EXPENDED AND A THE PROGRESSION OF THE PROJECT. ALL CONTRACTOR OF SITE ENERTY HAS EXPENDED AND A THE PROGRESSION OF THE PROJECT. ALL CONTRACTOR OF SITE ENERTY HAS EXPENDED AND A THE PROJECT MUST BE DOCUMENTED IN THE SWOPP I.E., BORROW PITS, WORK ROADS, DISPOSAL SITES, ASPHALT/CONCRETE PLANTS, ETC. THE BASIC GOAL OF STORM WATER MADAGEMENT TS DISPOSAL SITES. ASPHALT/CONCRETE PLANTS, ETC. THE BASIC GOAL OF STORM WATER MADAGEMENTS DISPOSAL SITES. AND A POTENTIAL FOR POLLUTION DUE TO EXPOSED SOILS AND THE PRESENCE OF HAZARDOUS MATERIALS SUED IN THE CONSTRUCTION SITES HAS A POTENTIAL FOR POLLUTION SITES PASO		
5. PERMANENT EROSION CONTROL.	STABILIZED CONSTRUCTION EXIT X TEMPORARY SILT FENCE X TEMPORARY SILT DIKES TEMPORARY FIBER LOG DAMES ON INTERPORTATION OF DEPTH STATE DIKES			
SOIL TYPE: Grainola-fronmound complex and Port sill loam TOTAL AREA OF THE CONSTRUCTION SITE: 1.4 ACRES ESTIMATED AREA TO BE DISTURBED: 1.4 ACRES OFFSITE AREA TO BE DISTURBED: (FOR CONTRACTOR USE) TOTAL IMPERIVIOUS AREA PRE-CONSTRUCTION: 0.07 ACRES TOTAL IMPERIVIOUS AREA POST-CONSTRUCTION: 0.28 ACRES POST-CONSTRUCTION RUNOFF COEFFICIENT OF THE SITE: 0.46 LATITUDE & LONGITUDE OF CENTER OF PROJECT: N35° 15' 17.2" W97° 26' 26.5" PROJECT WILL DISCHARGE TO: NAME OF RECEIVING WATERS: YES NO X	DIVERSION, INTERCEPTOR OR PERIMETER DIKES DIVERSION, INTERCEPTOR OR PERIMETER SWALES ROCK FILTER DAMS TEMPORARY SLOPE DRAIN X PAVED DITCH W/ DITCH LINER PROTECTION TEMPORARY SEDIMENT BASINS TEMPORARY SEDIMENT TRAPS TEMPORARY SEDIMENT FILTERS TEMPORARY SEDIMENT FILTER TEMPORARY BRUSH SEDIMENT BARRIERS SANDBAG BERMS TEMPORARY STREAM CROSSINGS OFFSITE VEHICLE TRACKING: X HAUL ROADS DAMPENED FOR DUST CONTROL X LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN X EXCESS DIRT ON ROAD REMOVED DAILY			
IF YES, LIST IMPAIRMENT: Total Dissolved Solids	NOTES:	ODEQ, WATER QUALITY DIVISION, SEPTEMBER 13, 2017. STORM WATER MANAGEMENT PLA		
LOCATED IN A TMDL: YES X NO LAKE THUNDERBIRD TMDL: YES X NO	NOTES.	VINEYARD SUBDIVISION		
MS4 ENTITY YES X NO		CITY OF NORMAN		
IF YES, LOCATION: City of Norman NOTE: THIS SHEET SHOULD BE USED IN CONJUNCTION WITH A DRAINAGE MAP THAT ILLUSTRATES THE DRAINAGE PATTERNS/PATHWAYS AND RECEIVING WATERS FOR THIS PROJECT. THIS SHEET SHOULD ALSO BE USED WITH THE EROSION CONTROL SUMMARIES, PAY ITEMS, & NOTES. REVISED 08 / 18 / 2017		PLANS AND ESTIMATES PREPARED BY MESHEK & ASSOCIATES, L.I., C 1437 S. BOLLIGES MANNET, BUTE 1850 TUSES, 06 74119 (941)244-1 REVISION BY DATE DRAWN AD REVISION BY DATE DRAWN SURVEY POH CA. 1487 DORRES 6, SHEET: 12 OF		

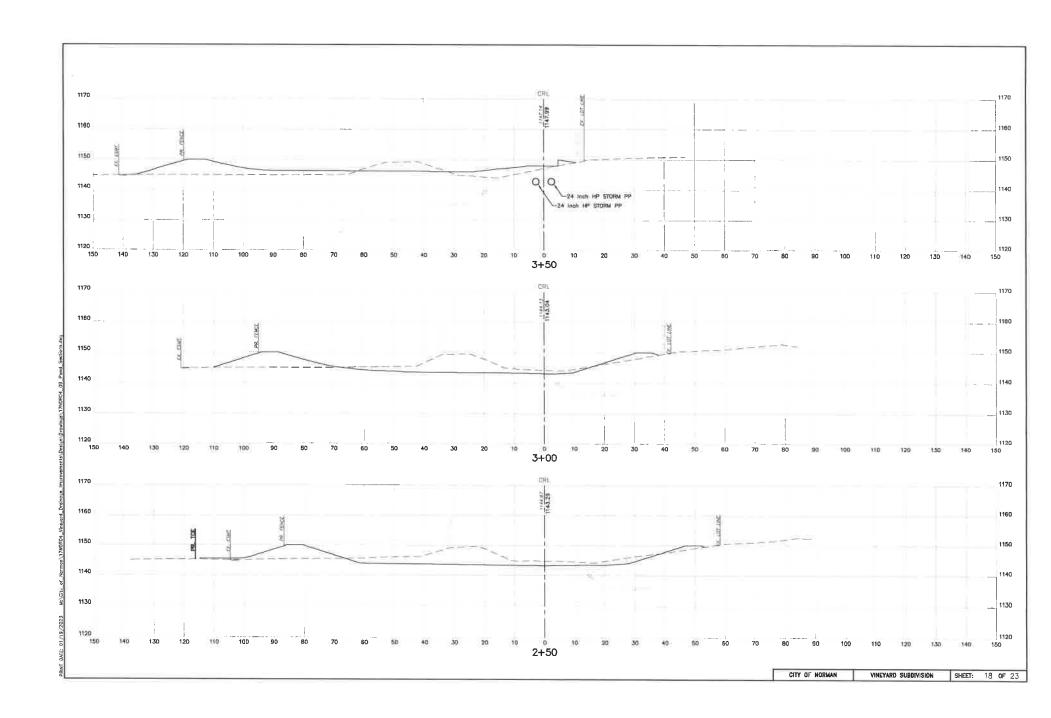


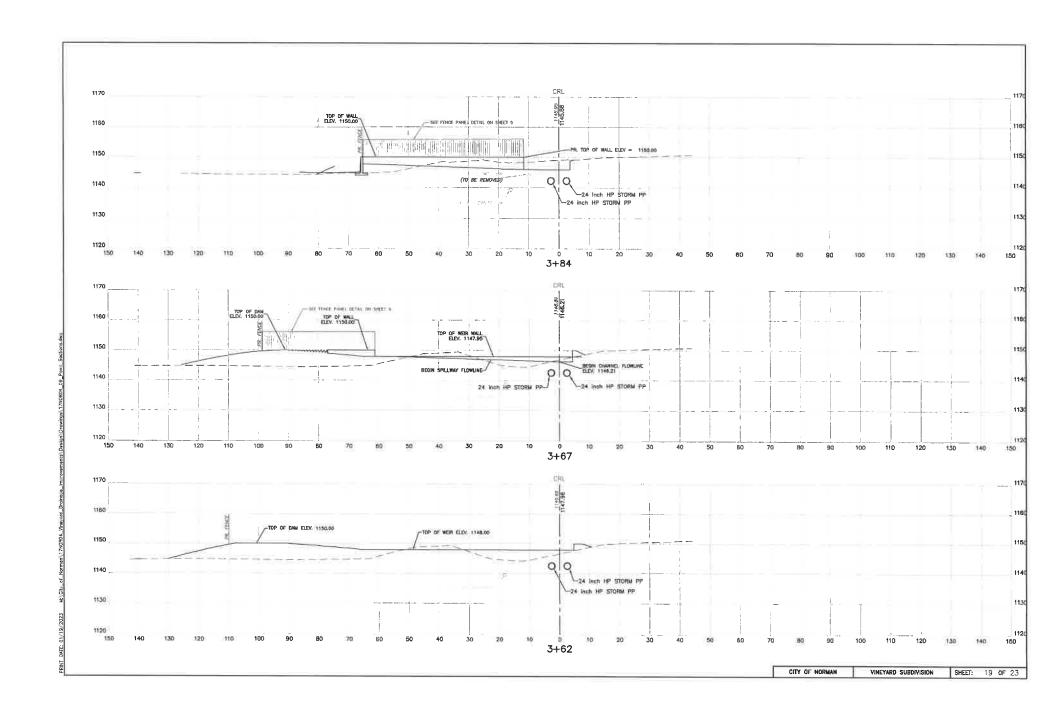


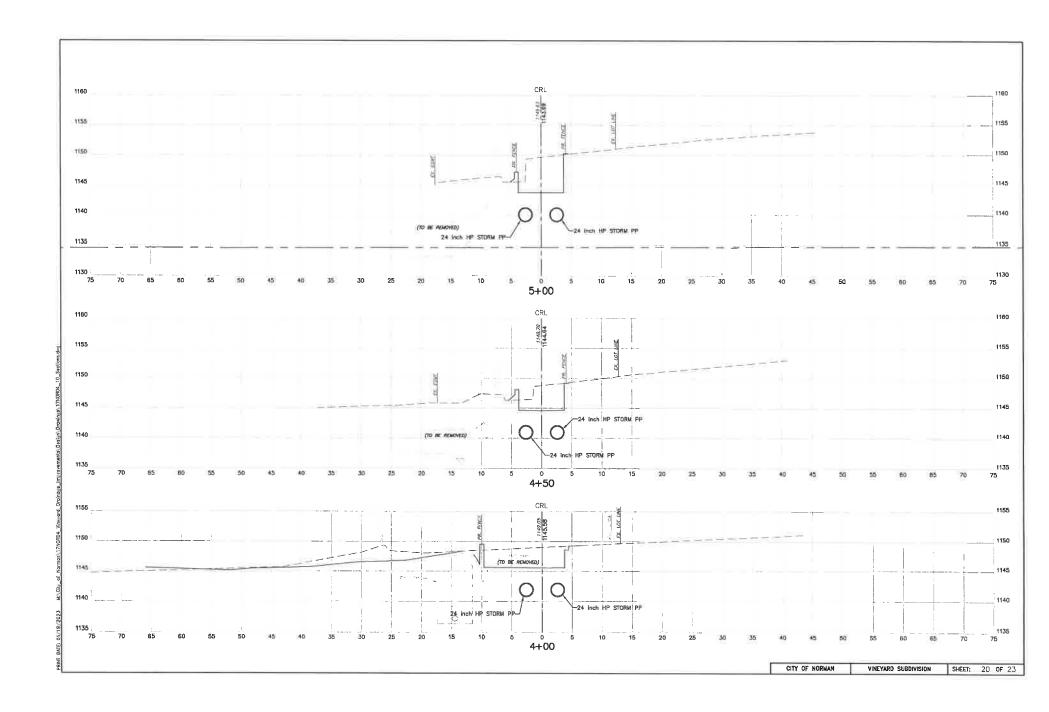


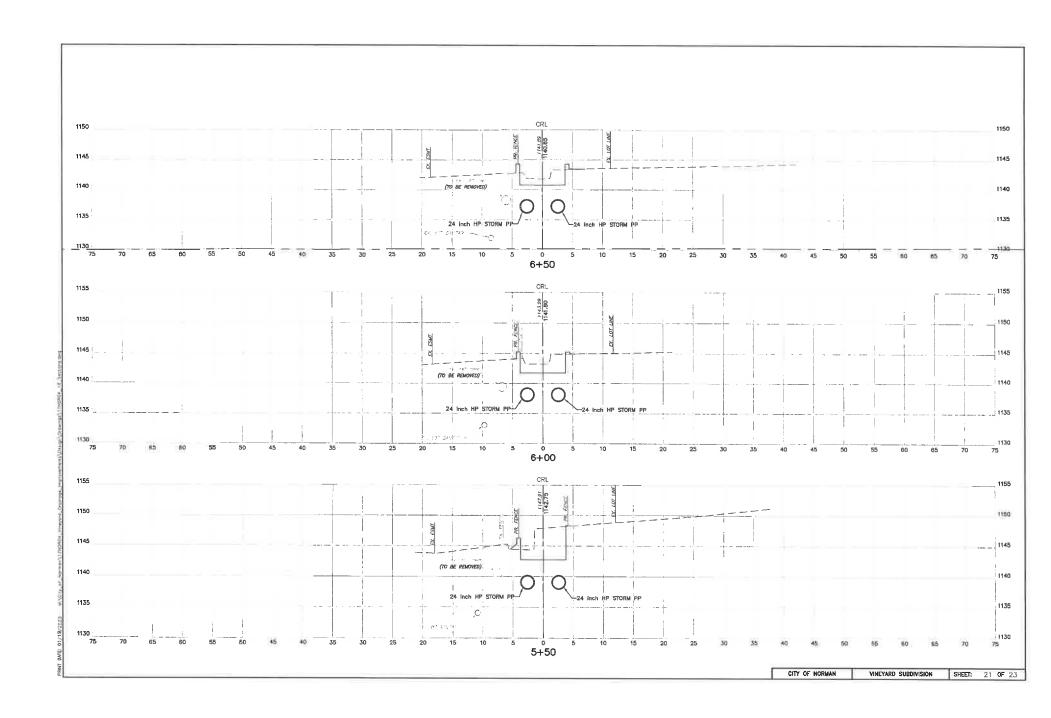


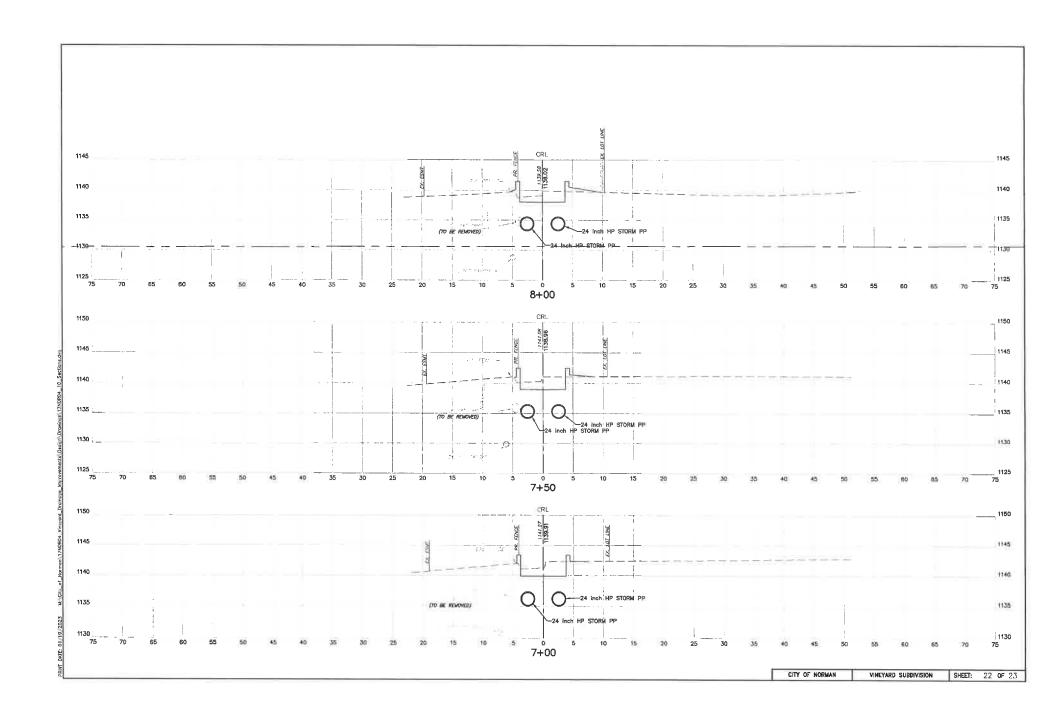












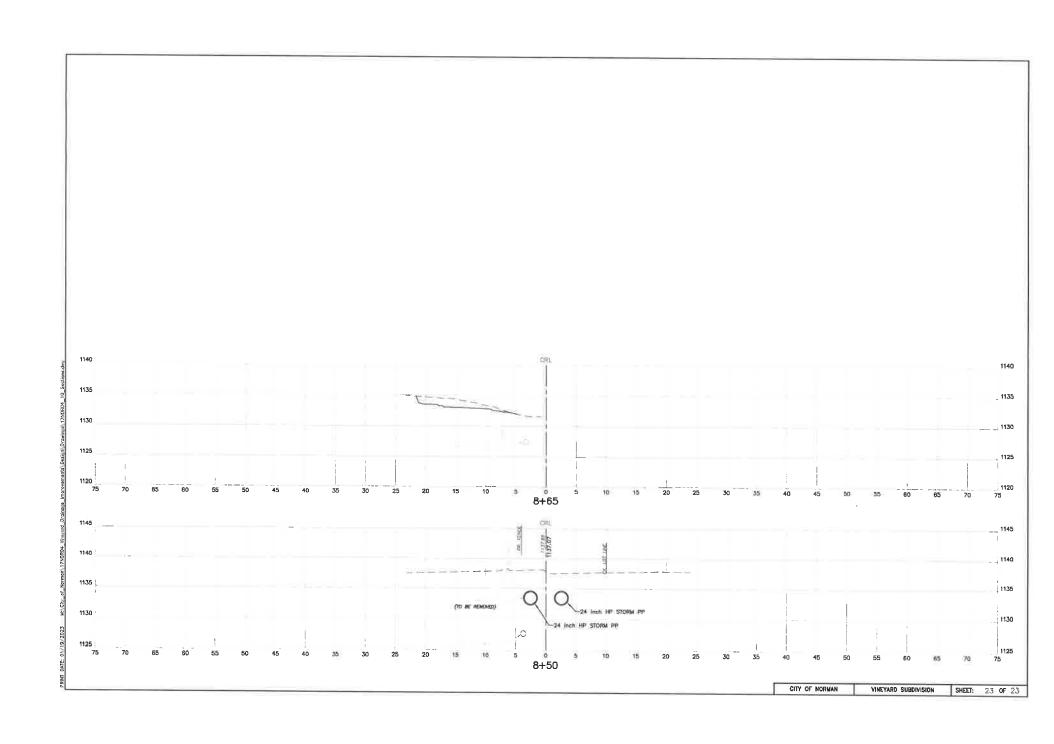


EXHIBIT C TEMPORARY CONSTRUCTION EASEMENT AREA



Legal Exhibit "A" Page 1 of 2

Temporary Construction Easement Legal Description Tract 2A

A tract of land in The Vineyard Phase 1, Cleveland County, State of Oklahoma, according to the official government survey thereof, more particularly described as follows, to-wit: **Commencing** at the Southeast corner of Lot 1, Block 3, The Vineyard Phase I; Thence N 0°26'06" W along the East line of said Lot 1 a distance of 155.00 feet to a point on an existing platted Drainage Easement and Pedestrian Easement also being the **Point of Beginning** Thence S89°48'22" W along said platted easement a distance of 278.80 feet to a point on the easterly Right-of-Way line of Porter Avenue; thence N 00° 28' 18" W a distance of 35.00 feet; thence N89° 48' 22" E for a distance of 278.82 feet; thence S 00° 26' 06" E a distance of 35.00 feet to **Point of Beginning**. Said tract of land contains 9,758.35 square feet or 0.22 acres, more or less.

Surveyor's Certification

I, Michael Royce, a professional land surveyor in the state of Oklahoma, certify that the above legal description close in accord with existing records, is a true representation of the Temporary Construction Easement as described, and meets the minimum technical standards for land surveying of the State of Oklahoma. The accompanying map represents a survey performed in the field and is true and correct to the best of my knowledge and belief as of this date. This exhibit meets the Oklahoma minimum standards for the practice of land surveying as adopted by the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors.

04-04/2022

Date:



Michael Royce

Oklahoma P.L.S. No. 1627

Mulul Raye

State of Oklahoma Certificate of Authorization

No. CA 1487

Expiration date 06/30/2023

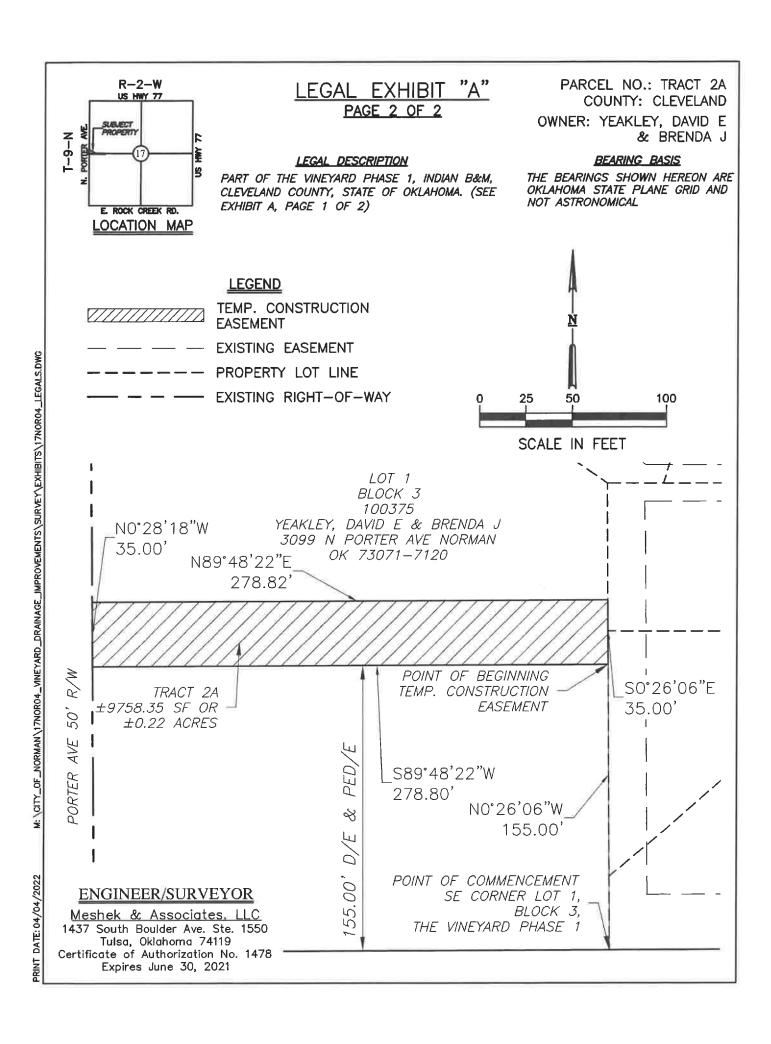


EXHIBIT D PROJECT AREA

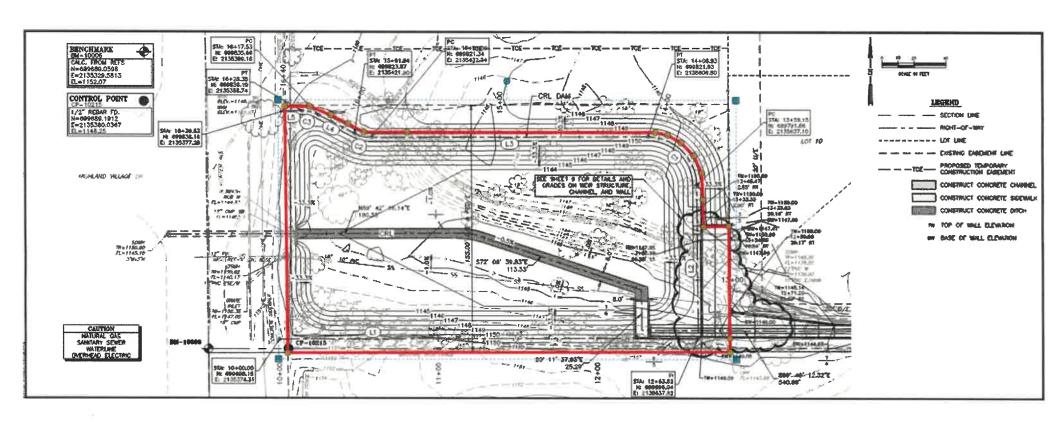


EXHIBIT E MAINTENANCE AGREEMENT

Doc#:R 2016 10706 Bk&Pg:RB 5533 704 Filed: 04-07-2016 01:16:20 PM

Cleveland County, OR

ĀG

13/1

Maintenance Agreement

Agreement made, effective as of the fifteenth day of December, 2003, between "The Vineyard Association LLC., of Norman, Oklahoma, referred to in this contract as "the Declarant" and "David and Brenda Yeakley, of 3099 Porter Avenue, Norman, Oklahoma, referred to in this contract as "Owner", is as follows:

Land Maintenance agreement

Declarant agrees to maintain and provide water to the existing sprinkler system for those portions of the West side of Lot 1 Block 3, The Vineyard Phase L already established with a sprinkler system. Included are all sprinkler heads already connected to the existing Vineyard irrigation system as of December 15th, 2003. Owner agrees that no other sprinkler heads will be attached to the existing system unless required under the discretion of Declarant.

Declarant agrees to give Owner access to all controls to those sprinkler lines effecting Owners property.

In addition Declarant agrees to provide landscape maintenance to the South Portion of Lot 1 Block 3 known as "the Detention Area". This to include any land South of the existing "logging Trail" East and West to all Lot 1 Block 3 property lines. This agreement does not include any portions of Lot I Block 3 not included as "Jogging Trail" or "Detention Area"

Declarant agrees that this document will become transferable with the sale or transfer of Lot 1 Block 3, The Vineyard Phase L

IN WITNESS WHEREOF, each party to this agreement has caused it to execute at Norman, Oklahoma, on the date indicated below:

OFFICIAL SEAL Debbi Leonard **Cleveland County**

Grands Commission Expires Jan. 29, 2006

The Vineyard Phase I

By:

PUBLIC

Return to: David & BRENJa 3099 n. Porter Ave

Norman, OK 7307/