Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

JUN 17 2015

A

Permit Number
HS001084

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

3 acres or more required for: ❑ Septic System ❑ Lagoon ❑ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address 8000 SW 12th (no rural route) City Lincoln, NE Zip _____

Legal Description 22 9 6 8

1/4	1/4	Section	Township	Range	Subdivison	Addition	Block	Lot

PID 09 22 300 001 000

B. Owner

Name LES (Lincoln Electric System) Signature _____ (EA Eng.)

Address _____ City/State/Zip _____

Home Phone _____ Work Phone 402-476-3766

C. Certified Installer

Name: Robert J Lutz Jr Signature _____

Address 221 Sun Valley Blvd City/State/Zip Lincoln, NE 68528

Work Phone 402-476-3766

D. Engineer

❑ **Check and complete if engineer designed system** P.E. License Number: 12996

Designer Name Robert J Lutz Jr Firm EA Engineering Work Phone 402-476-3766

E. This system will serve a

❑ Residential Dwelling Number of Bedrooms _____ Whirlpool Bathtub? ❑ Yes ❑ No Total Acres 3+

Garbage Grinder? ❑ Yes ❑ No

☒ Commercial Establishment/Other Facility Specify _____ Design flow in gallons per day 300

Type of Wastewater ☒ Domestic ☒ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process ❑ Municipal Code 24.38 ❑ County Resolution No. 02-30

1. Health Department
Site visits _____ Date rec'd _____ Date frwd _____
Comments _____
ACTION ❑ Approved ❑ Disapproved Signature _____

2. Supt. Bldg. Insp. or Village Clerk
Comments _____ Date rec'd _____ Date frwd _____
ACTION ❑ Approved ❑ Disapproved Signature _____

3. City or County Engineer
Comments _____ Date rec'd _____ Date frwd _____
ACTION ❑ Approved ❑ Disapproved Signature _____

Installation Final Written Approval
By _____
Date _____

Business Office Use Only
Date Received 6-17-15 Amount Paid 375.00
Received By SB Cash/Check No. 80368

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated: 1/13

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS001084

System Type: Lagoon

Situs: No Site Address Specified

Issued: 6/19/2015

Expires: 6/19/2016

Description: S22, T9, R6, 6th Principal Meridian, LOT 8 SW

Owner: CITY OF LINCOLN
ATTN: REAL ESTATE DIVISION 555 S
10 ST RM 205
LINCOLN, NE 68508

Judith A Halstead

Judith A. Halstead, MS, Health Director

Dear Applicant:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Judith A Halstead

Judith A. Halstead, MS
Health Director

DICKEY HINDS MUIR
P O BOX 22555
LINCOLN, NE 68542

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

3/21/16

Exhibit 6

Permit Number: HS001084

Onsite Wastewater Treatment System-Lagoon

Inspection Sheet

Date 9/1/15 Legal Description 9-6-22 Cnt8

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 8000 SW 12th City

Owner Address

Mark One: ☐ Dwelling ☒ Non-dwelling

☒ New System ☐ Repair

☐ Temporary modification (Describe problem causing discharge and reason for temporary modification):

Lagoon constructed so not to receive surface water	Yes ✓ No
Lagoon floor is level	Yes ✓ No
Lagoon is equipped with a depth gage/concrete slab	Yes ✓ No
Influent line is at least 4 inches and slopes no less than 1/8 inch	
Clean outs located every 75 feet and one located 1 foot about highest water level	Yes No N/A
Inside slope not steeper than three horizontal to one vertical	Yes ✓ No
Minimum width of the top of the dike shall be 4 feet	Yes ✓ No
Fence installed	Yes ✓ No
Top of the Dike_____ Bottom of Lagoon_____ Design Flow_____	JM 3/22/16

Setbacks (Check the Boxes Below if the Required Setback has been Satisfied):

Surface Water distance from Water Mark	Private Drinking Water Wells	Public Drinking Water Supply Wells		All Other Water Wells	Property Lines	Trees and Brush	Neighbor's Foundation		All Other Setbacks
50 ft ☒	100 ft ☒	Non-Community	100ft ☒	100ft ☒	50ft ☒	50ft ☒	Class 1	200ft ☒	☐
		Community	* ☐				Class 2	200ft ☒	
							Class 3	100ft ☒	

*Evaluated by a professional engineer for potential impact on the well and submitted to Dept. for approval if less than 1000ft.

Geographical Coordinates to 6 Decimals:

Dike North side

Comments: used old pond, reconstructed engineered Lagoon - NPE on approved

Inspections prior to Final Approval
Initial 9/1/15 Date VH
Follow-Up 3/22/16 Date JM
Follow-Up Date
Installation Final Written Approval
By James Nemec
Date 3/22/16

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

JUN 17 2015

SCANNED

A

Permit Number
HS001084

Onsite Wastewater Treatment System
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Work Phone 402-476-3766

D. Engineer

❑ **Check and complete if engineer designed system** P.E. License Number: 12996

Designer Name Robert J Lutz Jr Firm EA Engineering Work Phone 402-476-3766

E. This system will serve a

19.3

❑ Residential Dwelling Number of Bedrooms Whirlpool Bathtub? ❑ Yes ❑ No Total Acres 3+

Garbage Grinder? ❑ Yes ❑ No

☒ Commercial Establishment/Other Facility Specify Design flow in gallons per day 300

Type of Wastewater ☒ Domestic ☒ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process ❑ Municipal Code 24.38 ☑ County Resolution No. 02-30

1. Health Department

Site visits Date rec'd **ACTION** ☑ ~~Approved~~ ❑ ~~Disapproved~~

Pre-Cover - 9/1/15 Date frwd Signature

Comments

No signage 9/29/15 KD 3/22/16 Fence, Gate Locked & Signage posted. JM

2. Supt. Bldg. Insp. or Village Clerk

Comments Date rec'd **ACTION** ❑ Approved ❑ Disapproved

Date frwd Signature

3. City or County Engineer

Comments Date rec'd **ACTION** ❑ Approved ❑ Disapproved

Date frwd Signature

Installation Final Written Approval

By

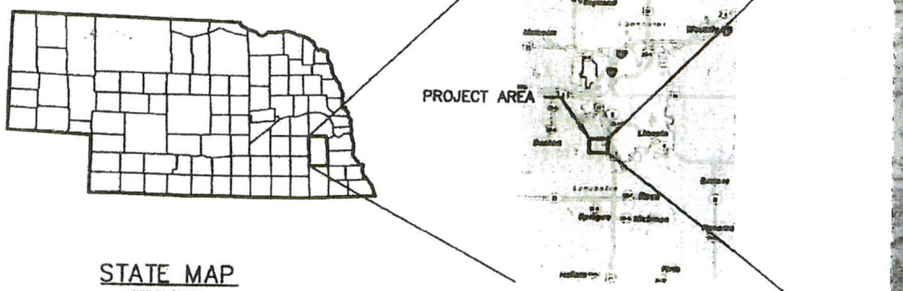
Date 3/22/16

Business Office Use Only
Date Received 6-17-15 Amount Paid 375.00
Received By SB Cash/Check No. 80368

White - Health Department Yellow - Engineer Pink - Building & Safety

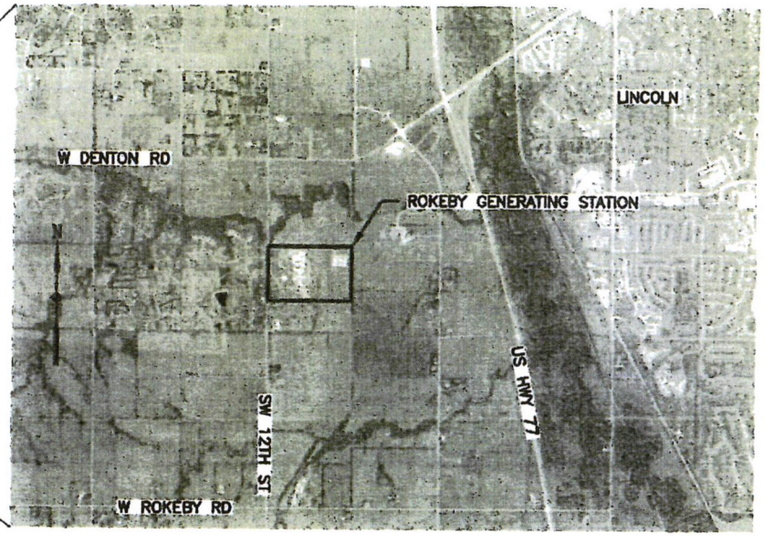
Form A Updated: 1/13

LES ROKEBY STATION SEWER IMPROVEMENTS
LINCOLN, NE



STATE MAP
NOT TO SCALE

VICINITY MAP
NOT TO SCALE



SITE MAP
NOT TO SCALE

INDEX OF SHEETS

FIGURE	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES, LEGEND AND QUANTITIES
3	EXISTING CONDITIONS
4	PROPOSED IMPROVEMENTS
5	CROSS SECTIONS
6	DETAILS
7	DETAILS 2
8	PIPING DETAILS
9	PLANTING PLAN
10	STAKING PLAN

CAUTION!
BEFORE YOU DIG CALL
IT IS CONTRACTOR'S RESPONSIBILITY TO NOTIFY NEBRASKA 811 SYSTEM REGARDING BURIED UTILITIES IN THE CONSTRUCTION SITE.
1-800-331-5666 or 811

Pollution Control Project
14-0159
APPROVED
DEQ
JAN 13 2015
C. Duerschner, P.E.

PROFESSIONAL CIVIL ENGINEER
ROBERT J. LUTZ, JR.
E-12996
STATE OF NEBRASKA
10-7-14

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

COVER SHEET

LES ROKEBY STATION SEWER IMPROVEMENTS
LINCOLN, NE

PROJECT MGR.	DESIGNED BY	DRAWN BY	CHECKED BY	DATE	SCALE	PROJECT NO.	FILE NAME	DRAWING NO.	FIGURE
RJL	ND	JRM	RJL	OCTOBER 2014	AS SHOWN	62811101	-	-	1

GENERAL NOTES

THESE GENERAL NOTES APPLY TO THE ENTIRE SET OF DRAWINGS:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT NEBRASKA 811 UTILITY LOCATING SERVICE AT 1-800-331-5666 or 811 IN ADVANCE OF ANY EXCAVATION FOR THE MARK-OUT OF THE LOCATION OF UTILITIES AND NOTIFICATION OF COMMENCEMENT OF WORK.
2. CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
3. ALL DISTURBED AREAS ARE TO BE RESTORED ACCORDING TO THE PLANTING SCHEDULES OR TO ORIGINAL PRE-CONSTRUCTION CONDITION.
4. ALL MATERIALS AND EQUIPMENT SHALL BE MOBILIZED TO THE SITE AND STORED ON SITE IN THE STAGING AREA. ANY DEVIATION FROM THIS AREA MUST BE APPROVED BY THE OWNER\ENGINEER.
5. UNACCEPTABLE EXCESS EXCAVATED MATERIAL, TRASH, DEBRIS, AND OTHER MATERIAL NOT USED IN THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND MUST BE REMOVED FROM THE SITE. EXISTING STRUCTURES IN THE PROJECT AREAS SHALL NOT BE DISTURBED WITHOUT PRIOR APPROVAL OF THE OWNER\ENGINEER.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND INSTALL ANY NECESSARY CONSTRUCTION FENCING FOR SECURITY AND PUBLIC SAFETY.
7. A STORM WATER POLLUTION PROTECTION PLAN (SWPPP) IS REQUIRED FOR THIS PROJECT. THE SWPPP WILL BE COMPLETED BY THE CONTRACTOR, INCLUDING: DEVELOPMENT OF THE PLAN, SUBMITTAL OF A NOTICE OF INTENT FORM, AND AUTHORIZATION TO PROCEED FROM NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY AND THE CITY OF LINCOLN. THE CONTRACTOR IS RESPONSIBLE FOR UPDATING THE APPROVED SWPPP IMMEDIATELY FOLLOWING ANY CHANGES OR ADDITIONS TO THE PLAN, PERFORMING THE REQUIRED INSPECTIONS, AND MAINTAINING THE APPROPRIATE DOCUMENTATION. EARTHMOVING ACTIVITIES MAY NOT BEGIN UNTIL AUTHORIZATION HAS BEEN RECEIVED AND EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED.
8. CONCRETE TRUCKS SHALL NOT BE WASHED NEAR THE BIO-RETENTION BASIN.
9. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT EXISTING TREES ON SITE.
10. SURVEY DATUM IS NAD 83, NEBRASKA STATE PLANE. VERTICAL DATUM IS NAVD 88.

BIO-RETENTION BASIN EXCAVATION NOTE

ALL EXCAVATION SHALL BE PERFORMED WITH EQUIPMENT SUITABLE TO COMPLETE THE WORK AS SPECIFIED. THE EXCAVATION SHALL BE PERFORMED IN A MANNER THAT MINIMIZES THE COMPACTION OF THE EXISTING GROUND AND THE EXPOSED VIRGIN SOILS OF THE EXCAVATION AREAS BY THE EXCAVATION EQUIPMENT.

LAGOON NOTES

1. BEFORE DEWATERING AND EARTHWORK ACTIVITIES, A TEMPORARY SEWAGE STORAGE TANK IS TO BE INSTALLED DOWNSTREAM OF THE MANHOLE, IN A LOCATION THAT WILL NOT INTERFERE WITH OTHER CONSTRUCTION ACTIVITIES. DURING CONSTRUCTION, THE SEWAGE TANK LEVEL SHOULD BE CHECKED REGULARLY AND PUMPED WHEN NECESSARY.
2. THE LAGOON SHOULD BE ALLOWED TO COMPLETELY DEWATER BY EVAPORATION, OR PUMPING BY THE OWNER.
3. THE EXISTING LAGOON FENCE SHALL BE COMPLETELY REMOVED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.
4. EXISTING LAGOON SLUDGE AND LINER SHALL BE MIXED WITH AN EQUAL AMOUNT OF OTHER ON-SITE TOPSOIL MATERIAL AND USED AS TOP DRESSING.
5. WASTE PIPE AND CONCRETE FROM EXISTING LAGOON SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR.

QUANTITIES		
SWPPP	1	EA
BIORETENTION BASIN SETTLING PAD		
CONCRETE	14	CY
REBAR	314	LB
TOPSOIL STRIPPING	14	CY
BIORETENTION BASIN		
EARTHFILL	505	CY
EXCAVATION	1750	CY
TOPSOIL STRIPPING	265	CY
PERMEABLE SOIL	690	CY
OVEREXCAVATION	710	CY
TURF REINFORCEMENT MAT	100	SY
4" PVC DRAIN TILE	275	LF
4" PVC PIPE	35	LF
4" PVC TEE	4	EA
4" PVC ELBOW	2	EA
ANIMAL GUARD	1	EA
47B AGGREGATE	22	CY
GEOTEXTILE FILTER FABRIC	180	SY
4' x 4' TRANSITION MAT	1	EA
SILT FENCE	35	LF
BROME SEEDING	0.9	AC
RED OSIER DOGWOOD	48	EA
GENERATION UNIT RUNOFF REROUTING		
FENCE REMOVAL/RECONSTRUCTION	8	LF
PVC 90 DEGREE BEND, 6"	1	EA
PVC 22 DEGREE BEND, 6"	1	EA
6" PVC SEWER PIPE	150	LF
6" PVC-CAST IRON PIPE ADAPTOR	1	EA
4' x 4' TRANSITION MAT	1	EA
ANIMAL GUARD	1	EA
WASTEWATER LAGOON AND DIVERSION CHANNEL		
EXISTING SEDIMENT DISPOSAL	1	LS
EXCAVATION	1020	CY
EARTHFILL	505	CY
OVEREXCAVATION FOR CLAY LINER	120	CY
TOPSOIL STRIPPING	70	CY
OUTLET PIPE, 8" PVC	65	LF
CONCRETE	0.2	CY
PIPE ANCHOR	1	EA
DEPTH GAUGE, 2.5" METAL PIPE	1	EA
FENCE DEMOLITION	350	LF
REBAR	60	LB
TEMPORARY SEWAGE COLLECTION	1	LS
FENCE INSTALLATION	332	LF
12" x 24" SIGN	1	EA
COMPACTED CLAY LINER	175	CY
8" CLEANOUT	2	EA
SEEDING	0.4	AC

LEGEND

- 1200 — EXISTING CONTOURS
- EXISTING FENCE
- EXISTING OVERHEAD POWER
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING GAS LINE
- EXISTING WATER LINE
- EXISTING TREE
- EXISTING UNDERGROUND UTILITY
- EXISTING UNDERGROUND POWER
- EXISTING POWER POLE
- EXISTING HYDRANT
- EXISTING MANHOLE
- EXISTING VALVE
- LOD — LOD — LIMIT OF DISTURBANCE
- SF — SF — SILT FENCE
- 1200 — PROPOSED CONTOURS
- PROPOSED FENCE
- PROPOSED DRAIN TILE
- FLOW DIRECTION

+ EXCESS SOILS HAULED TO SOUTH END.
KNOCK DOWN SMOOTH TO NOT LEAVE PILES

+ LAGOON SOIL
- KNOCK IN OLD LAGOON ON ITSELF
- MIX IN W/ TOPSOIL

+ NO CLAY ONSITE

+ SLUDGE WILL BE ABLE TO BE MIXED INTO SOIL TO MAKE NEW

+ LES TO PROVIDE PUMPING & TEMP SEWAGE TANKS?

PROFESSIONAL CIVIL ENGINEER
ROBERT J. LUTZ, JR.
E-12996
STATE OF NEBRASKA
10-7-14

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

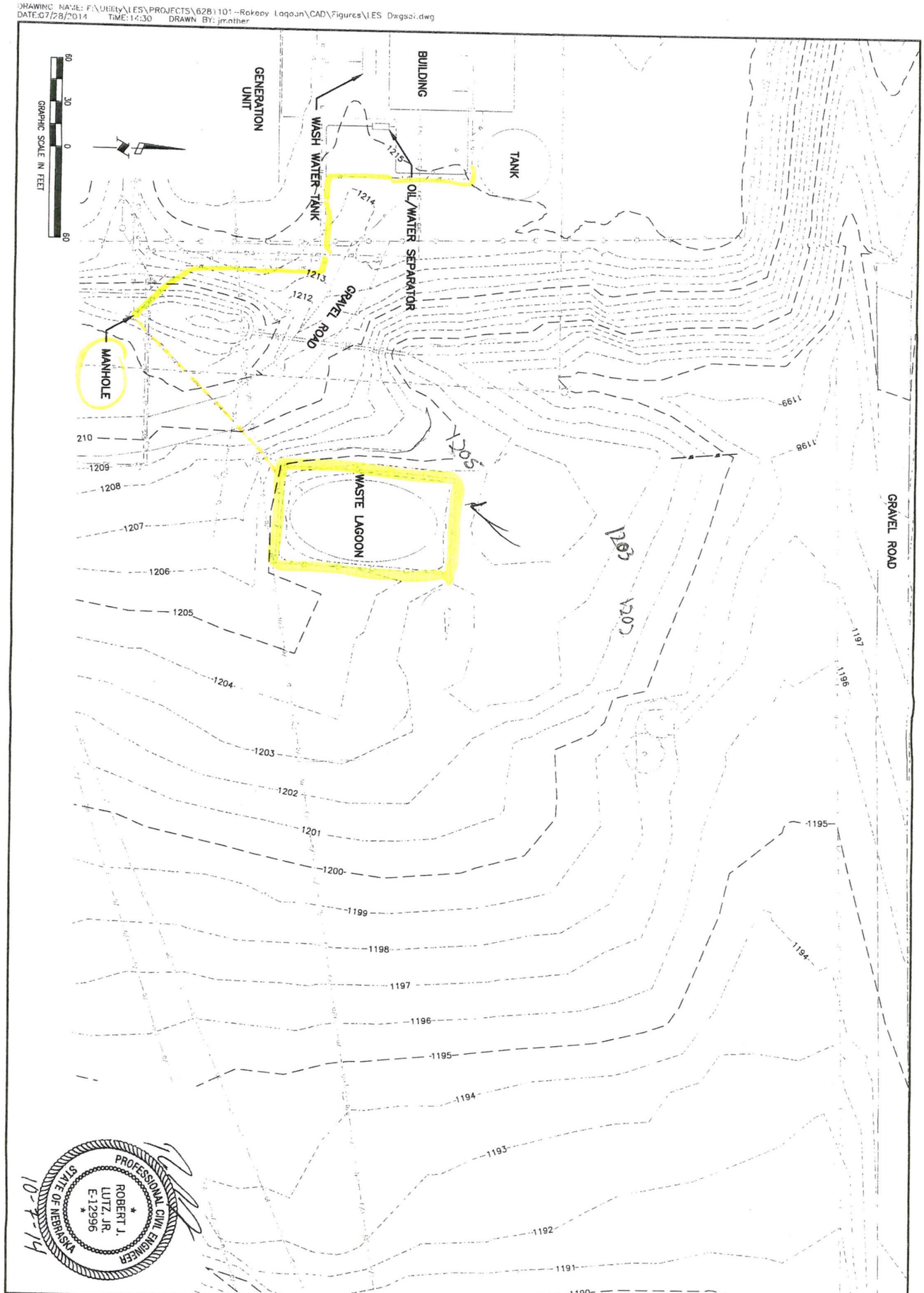
GENERAL NOTES, LEGEND AND QUANTITIES

LES ROKEBY STATION SEWER IMPROVEMENTS
LINCOLN, NE

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RJL	ND	JRM	RJL	OCTOBER 2014	AS SHOWN	6281101	-	-	2

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PROFESSIONAL CIVIL ENGINEER
STATE OF NEBRASKA
ROBERT J. LUTZ, JR.
E-12996

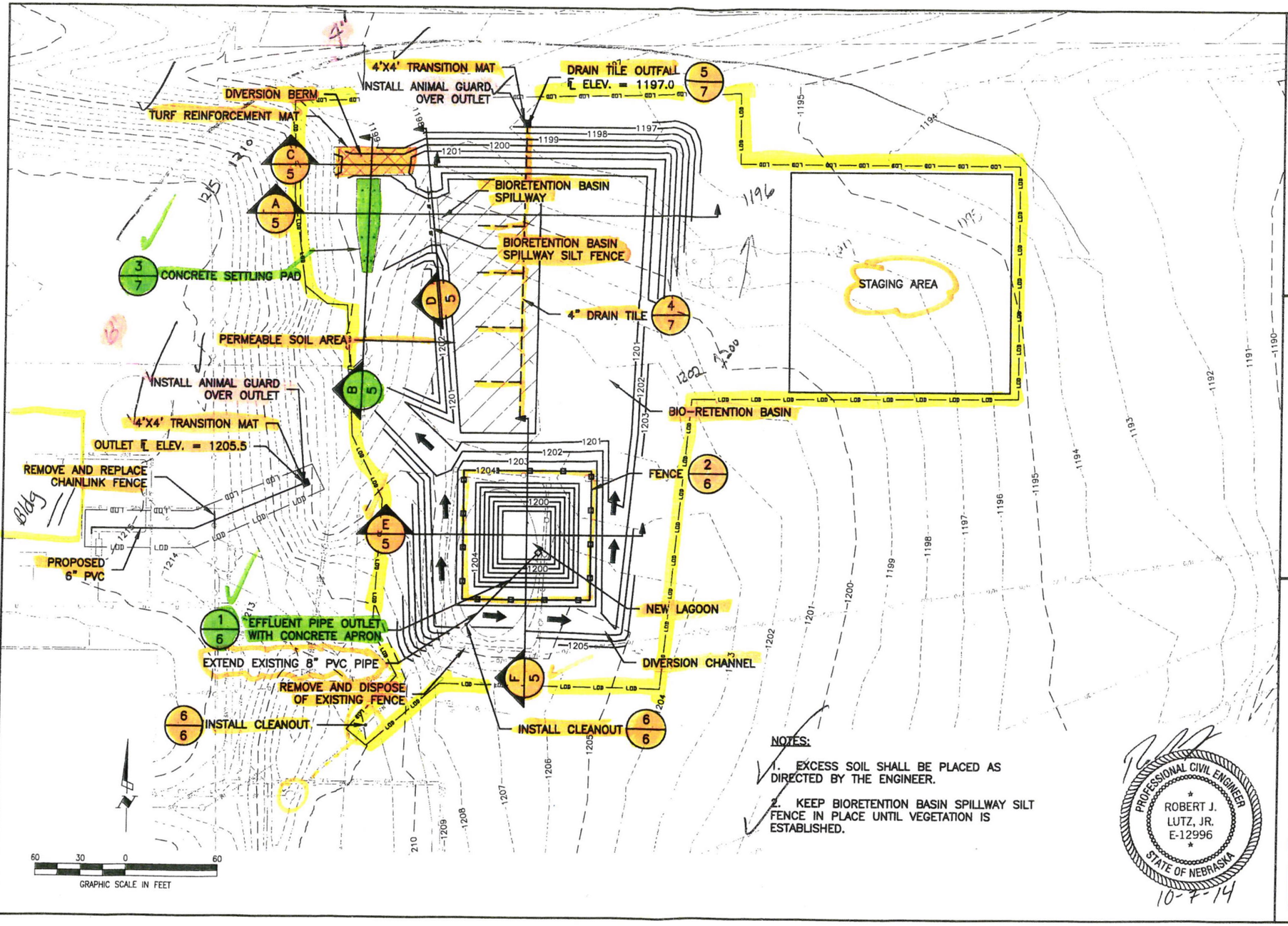
10-24-14

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

LES ROKEBY STATION SEWER IMPROVEMENTS
LINCOLN, NE

EXISTING CONDITIONS

PROJECT MGR.	DESIGNED BY	DRAWN BY	CHECKED BY	DATE	SCALE	PROJECT NO.	FILE NAME	DRAWING NO.	FIGURE
RJL	ND	JRM	RJL	OCTOBER 2014	AS SHOWN	6281101	–	–	3



NOTES:

1. EXCESS SOIL SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
2. KEEP BIORETENTION BASIN SPILLWAY SILT FENCE IN PLACE UNTIL VEGETATION IS ESTABLISHED.

PROFESSIONAL CIVIL ENGINEER
ROBERT J. LUTZ, JR.
E-12996
STATE OF NEBRASKA
10-7-14

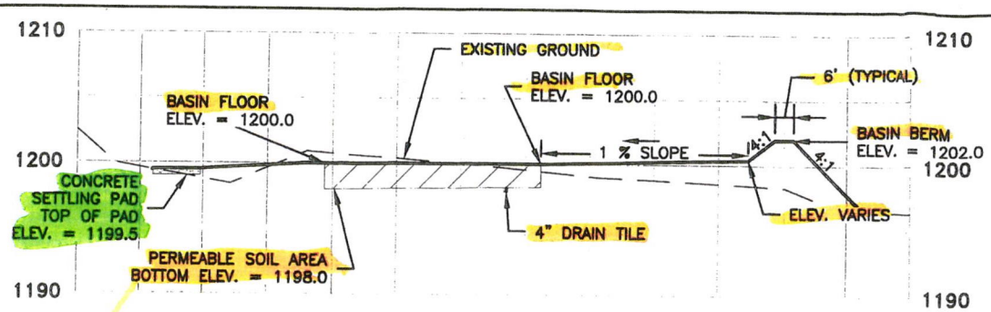
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

PROPOSED IMPROVEMENTS

LES ROKEBY STATION SEWER IMPROVEMENTS
LINCOLN, NE

PROJECT MGR.	DESIGNED BY	DRAWN BY	CHECKED BY	DATE	SCALE	PROJECT NO.	FILE NAME	DRAWING NO.	FIGURE
RJL	ND	JRM	RJL	OCTOBER 2014	AS SHOWN	6281101	-	-	4

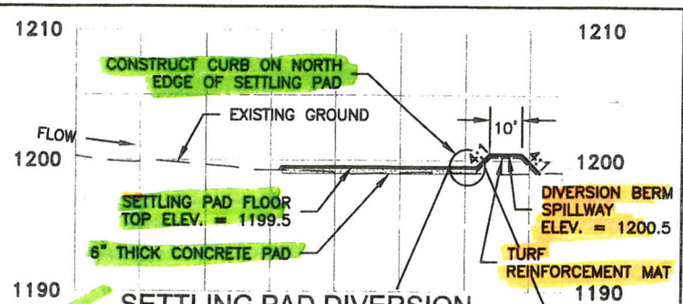
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A 5 **BIO-RETENTION BASIN CROSS SECTION**

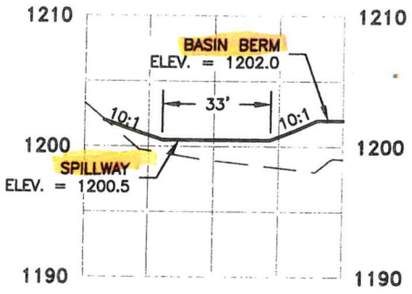
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=10'

NOTES:
1. PERMEABLE SOIL SHALL CONSIST OF 50% SAND AND 50% COMPOST.
2. THE NATIVE SOIL BELOW THE PERMEABLE SOIL SHALL BE SCARIFIED.
3. NATIVE SOIL BELOW BIORETENTION BASIN FLOOR FILL SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 4".
4. PERMEABLE SOIL SHALL BE THOROUGHLY WETTED AND ALLOWED TO SETTLE.



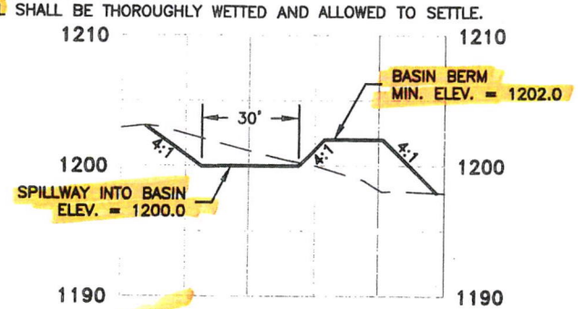
B 4 **SETTLING PAD DIVERSION BERM CROSS SECTION**

HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=10'



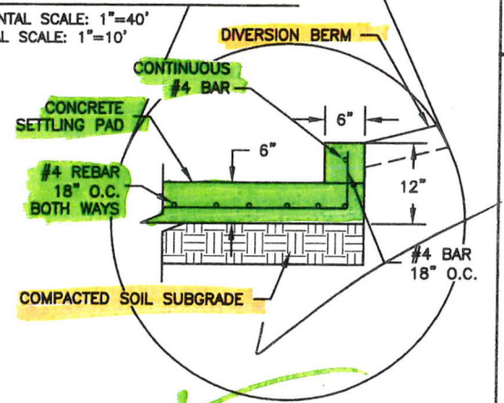
C 4 **DIVERSION BERM CROSS SECTION**

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VERTICAL SCALE: 1"=10'



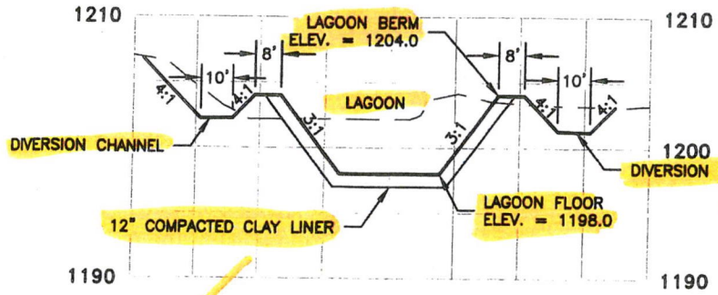
D 4 **BIO-RETENTION BASIN INLET CROSS SECTION**

HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=10'



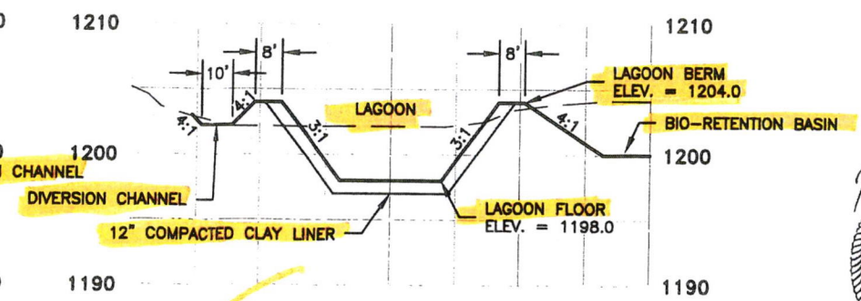
CURB DETAIL

NOT TO SCALE



E 4 **LAGOON CROSS SECTION**

HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=10'



F 4 **LAGOON CROSS SECTION**

HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=10'

PROFESSIONAL CIVIL ENGINEER
ROBERT J. LUTZ, JR.
E-12996
STATE OF NEBRASKA
10-7-14

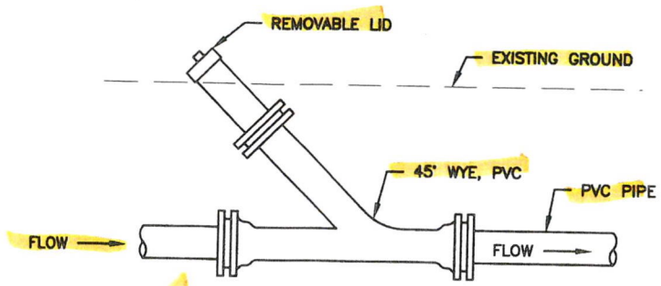
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

LES ROKEBY STATION SEWER IMPROVEMENTS
LINCOLN, NE

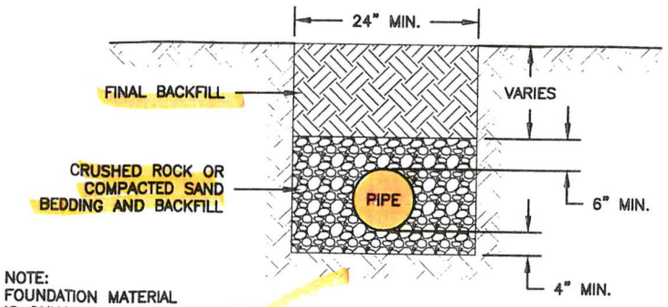
CROSS SECTIONS

PROJECT MGR.	DESIGNED BY	DRAWN BY	CHECKED BY	DATE	SCALE	PROJECT NO.	FILE NAME	DRAWING NO.	FIGURE
RJL	ND	JRM	RJL	OCTOBER 2014	AS SHOWN	6281101	-	-	5

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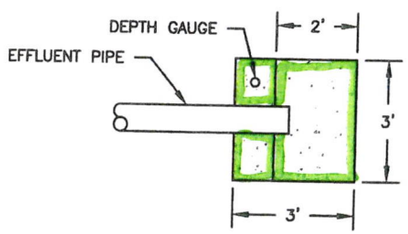


6/4 CLEANOUT DETAIL
NOT TO SCALE

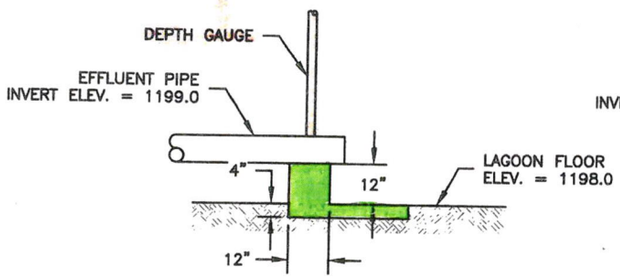


NOTE:
FOUNDATION MATERIAL IS ONLY NEEDED IN UNSTABLE CONDITIONS.

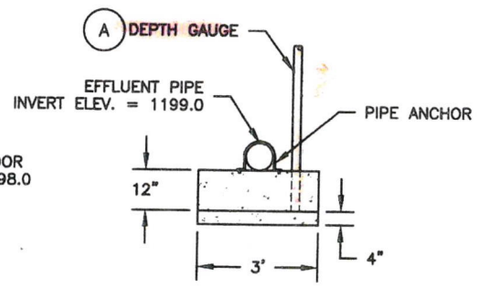
PIPE BEDDING DETAIL
NOT TO SCALE



PLAN VIEW

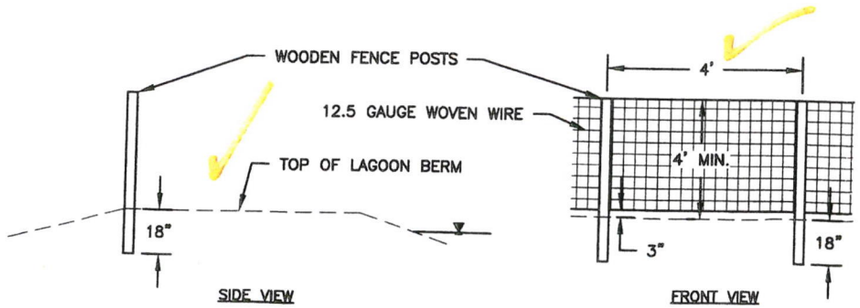


SIDE VIEW



FRONT VIEW

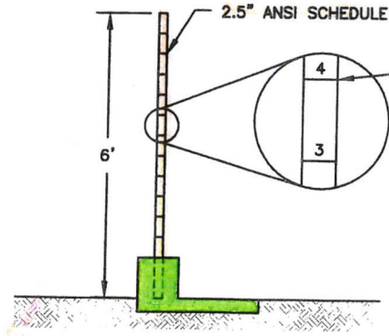
1/4 CONCRETE APRON DETAILS
NOT TO SCALE



SIDE VIEW

FRONT VIEW

2/4 FENCE DETAILS
NOT TO SCALE



PAINTED IN FOOT INCREMENTS
NUMBER HEIGHT = 2.5" MIN.

NOTE:
DEPTH SHALL BE MEASURED FROM LAGOON FLOOR.

A DEPTH GAUGE DETAIL
NOT TO SCALE



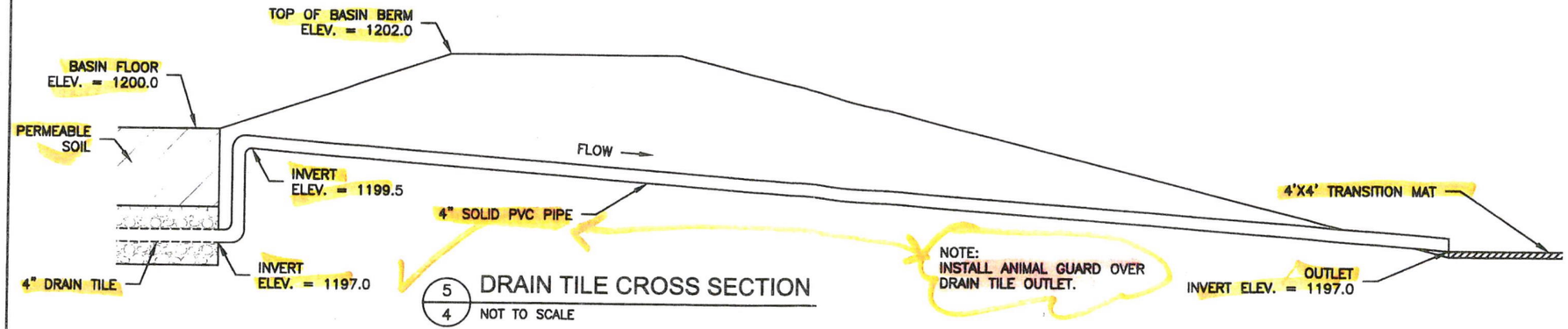
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LINCOLN, NE

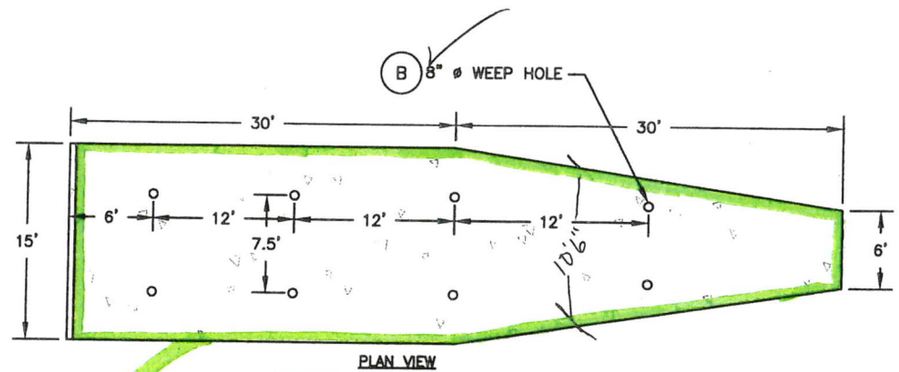
DETAILS

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RJL	ND	JRM	RJL	OCTOBER 2014	AS SHOWN	6281101	-	-	6

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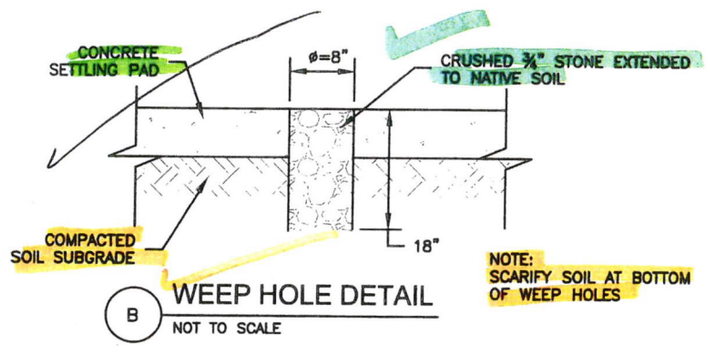


5/4 DRAIN TILE CROSS SECTION
NOT TO SCALE

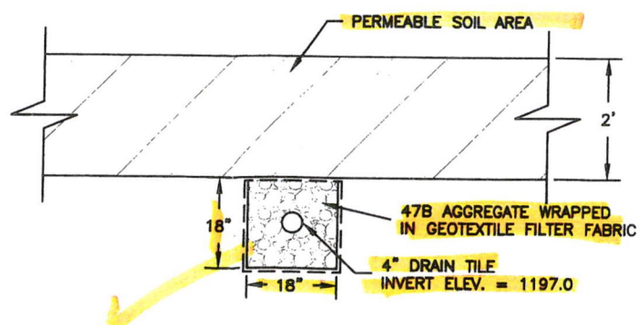


3/4 BIORETENTION BASIN SETTLING PAD
NOT TO SCALE

NOTE:
SAW CUT JOINTS AT INTERVALS
OF NO MORE THAN 12 FEET.



B WEEP HOLE DETAIL
NOT TO SCALE



4/4 DRAIN TILE DETAIL
NOT TO SCALE

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ROBERT J. LUTZ, JR.
E-12996
STATE OF NEBRASKA
10-7-14

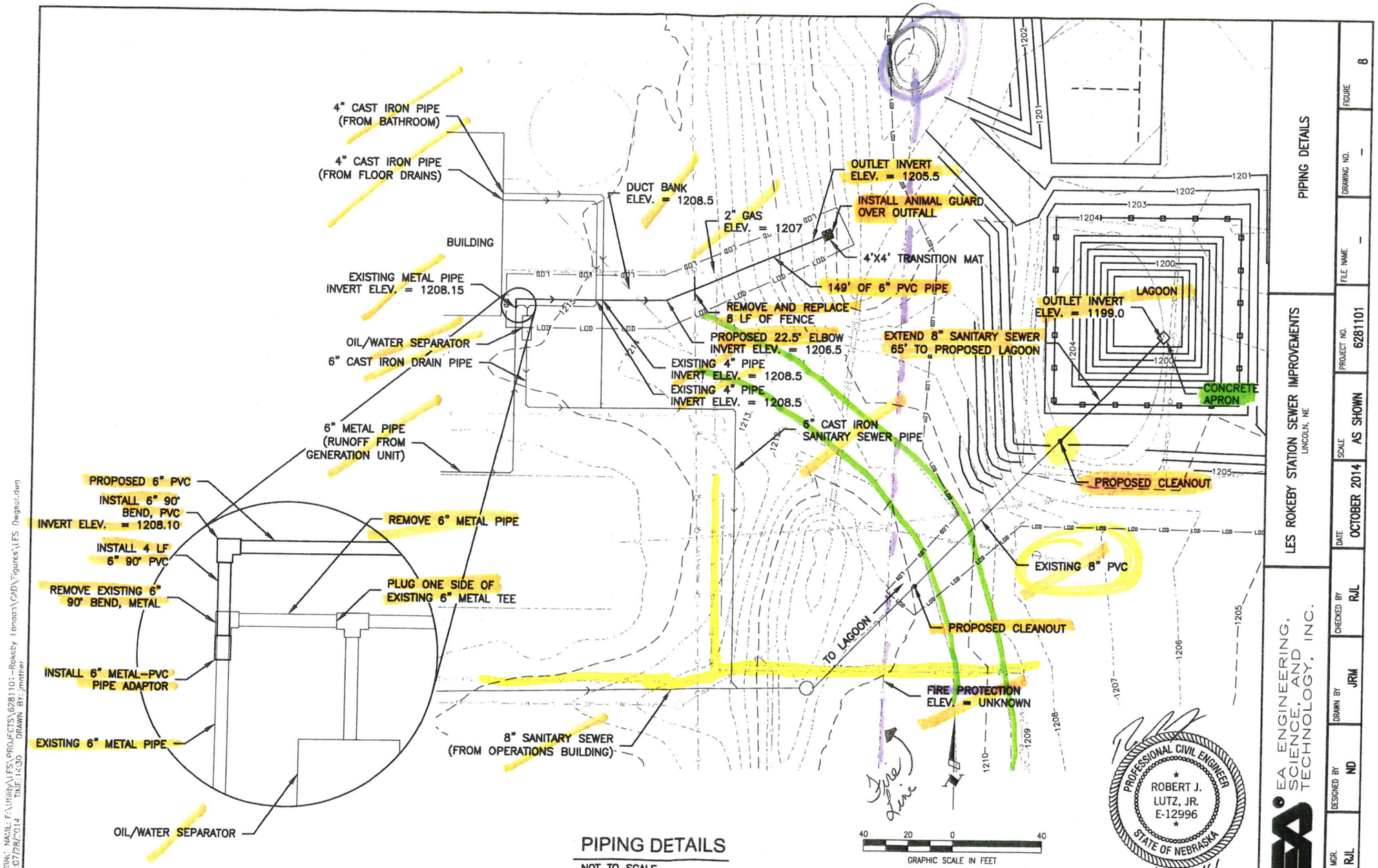
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DETAILS 2

PROJECT MGR.	DESIGNED BY	DRAWN BY	CHECKED BY	DATE	SCALE	PROJECT NO.	FILE NAME	DRAWING NO.	FIGURE
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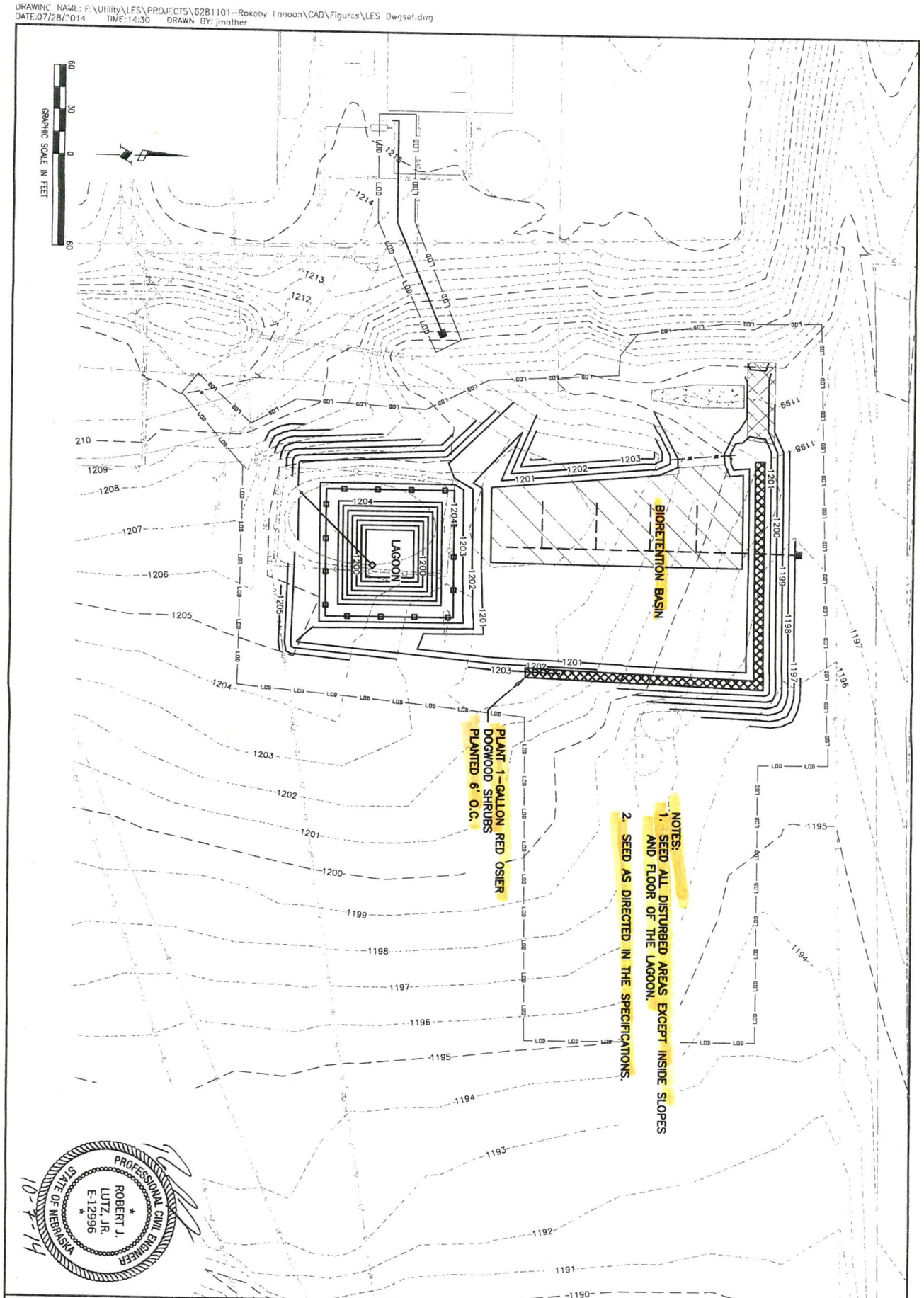


PIPING DETAILS

NOT TO SCALE

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E-12996

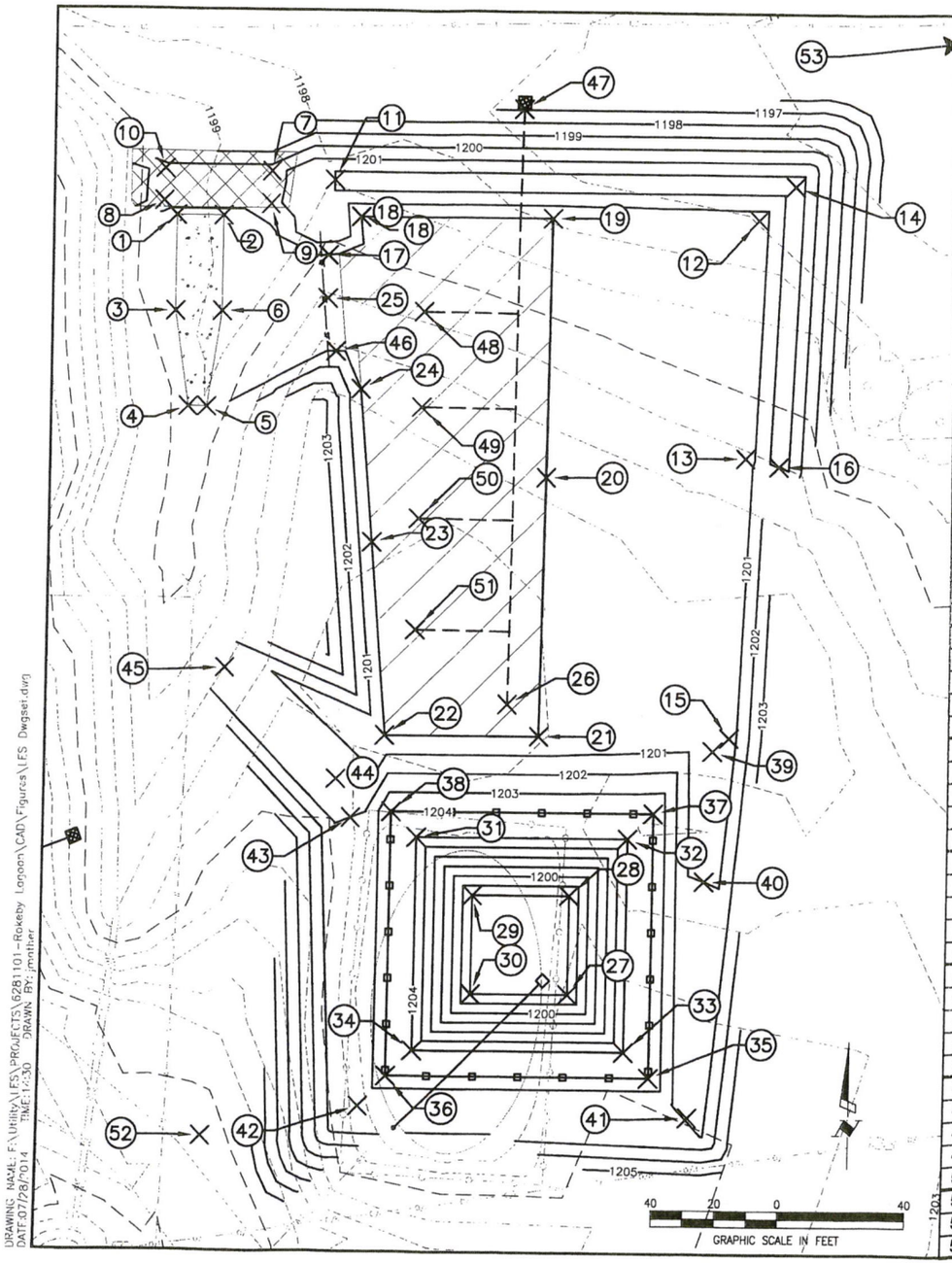
10-27-14

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LINCOLN, NE

PLANTING PLAN

PROJECT MGR.	DESIGNED BY	DRAWN BY	CHECKED BY	DATE	SCALE	PROJECT NO.	FILE NAME	DRAWING NO.	FIGURE
RJL	ND	JRM	RJL	OCTOBER 2014	AS SHOWN	6281101	–	–	9



CONSTRUCTION STAKING

NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	176151.91	150962.02	1199.5	SETTLING PAD
2	176151.91	150977.02	1199.5	SETTLING PAD
3	176121.75	150962.02	1199.5	SETTLING PAD
4	176091.91	150966.52	1199.5	SETTLING PAD
5	176091.91	150972.52	1199.5	SETTLING PAD
6	176121.91	150977.02	1199.5	SETTLING PAD
7	176165.91	150992.48	1200.5	DIVERSION BERM
8	176156.33	150957.86	1200.5	DIVERSION BERM
9	176155.60	150992.34	1200.5	DIVERSION BERM
10	176166.42	150958.07	1200.5	DIVERSION BERM
11	176163.38	151015.82	1202.0	TOP OF BERM CENTERLINE
12	176151.90	151147.88	1200.4	BASIN FLOOR
13	176076.95	151144.56	1200.4	BASIN FLOOR
14	176162.57	151159.44	1202.0	TOP OF BERM CENTERLINE
15	175988.99	151140.64	1200.4	BASIN FLOOR
16	176074.40	151155.31	1202.0	TOP OF BERM CENTERLINE
17	176140.02	151014.45	1200.0	SPILLWAY INTO BASIN
18	176151.92	151021.41	1200.0	BASIN FLOOR
19	176151.91	151082.46	1200.0	BASIN FLOOR/EDGE PERM. SOIL
20	176070.47	151081.50	1200.0	BASIN FLOOR/EDGE PERM. SOIL
21	175988.96	151080.53	1200.0	BASIN FLOOR/EDGE PERM. SOIL
22	175989.00	151031.65	1200.0	BASIN FLOOR
23	176049.70	151026.39	1200.0	BASIN FLOOR
24	176097.81	151022.14	1200.0	BASIN FLOOR
25	176126.13	151011.12	1200.0	SPILLWAY INTO BASIN
26	175998.96	151070.28	1197.0	DRAIN TILE START
27	175907.95	151091.28	1198.0	LAGOON FLOOR
28	175938.96	151091.28	1198.0	LAGOON FLOOR
29	175938.96	151060.27	1198.0	LAGOON FLOOR
30	175907.95	151060.27	1198.0	LAGOON FLOOR
31	175956.96	151042.28	1204.0	TOP OF LAGOON BERM
32	175956.96	151109.28	1204.0	TOP OF LAGOON BERM
33	175889.96	151109.28	1204.0	TOP OF LAGOON BERM
34	175889.96	151042.28	1204.0	TOP OF LAGOON BERM
35	175881.96	151117.28	1204.0	TOP OF LAGOON BERM/FENCE CORNER
36	175881.96	151034.28	1204.0	TOP OF LAGOON BERM/FENCE CORNER
37	175964.96	151117.28	1204.0	TOP OF LAGOON BERM/FENCE CORNER
38	175964.96	151034.28	1204.0	TOP OF LAGOON BERM/FENCE CORNER
39	175984.81	151135.57	1200.5	DIVERSION CHANNEL CENTERLINE
40	175943.80	151133.68	1201.0	DIVERSION CHANNEL CENTERLINE
41	175869.60	151129.88	1202.0	DIVERSION CHANNEL CENTERLINE
42	175872.53	151025.71	1202.5	DIVERSION CHANNEL CENTERLINE
43	175963.02	151021.38	1202.0	DIVERSION CHANNEL CENTERLINE
44	175975.11	151016.34	1201.8	DIVERSION CHANNEL CENTERLINE
45	176009.73	150979.94	1201.5	DIVERSION CHANNEL CENTERLINE
46	176109.60	151013.98	1200.0	SPILLWAY INTO BASIN
47	176186.21	151072.88	1197.0	DRAIN TILE OUTLET
48	176122.26	151041.72	1197.0	DRAIN TILE START
49	176092.26	151041.37	1197.0	DRAIN TILE START
50	176057.26	151040.96	1197.0	DRAIN TILE START
51	176022.26	151040.55	1197.0	DRAIN TILE START
52	175862.79	150975.36	1210.7	BENCHMARK 1 (WOODEN STAKE)
53	176265.90	151763.54	1190.8	BENCHMARK 2 (WOODEN STAKE)

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STAKING PLAN

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