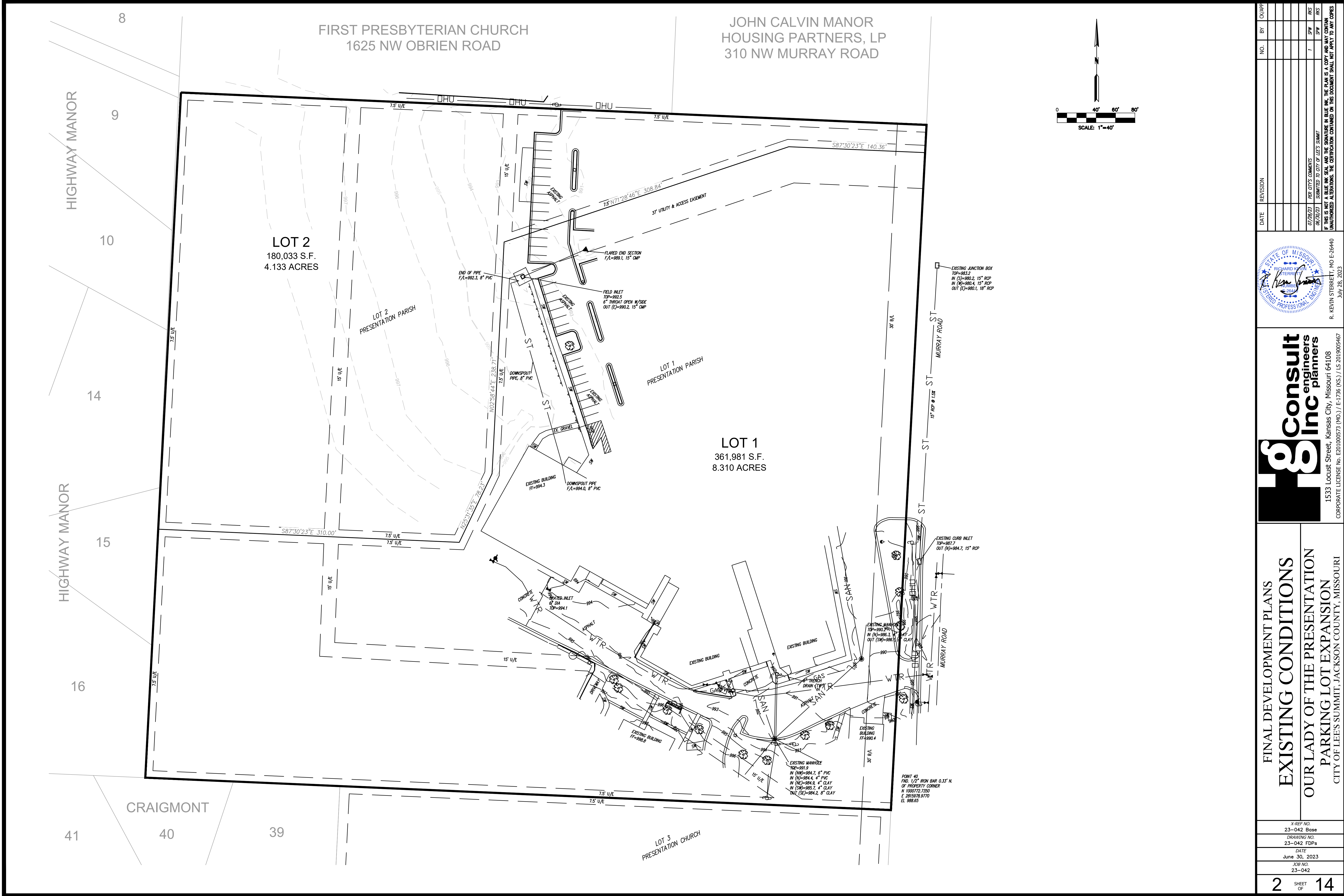
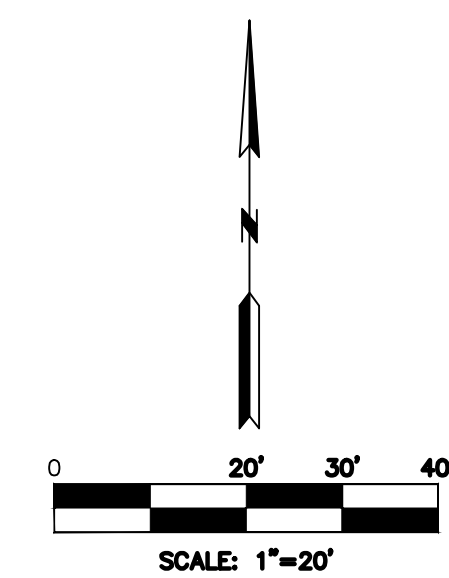


130 NW MURRAY ROAD
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
FINAL DEVELOPMENT PLANS

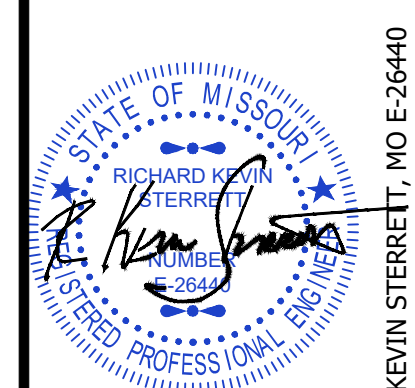




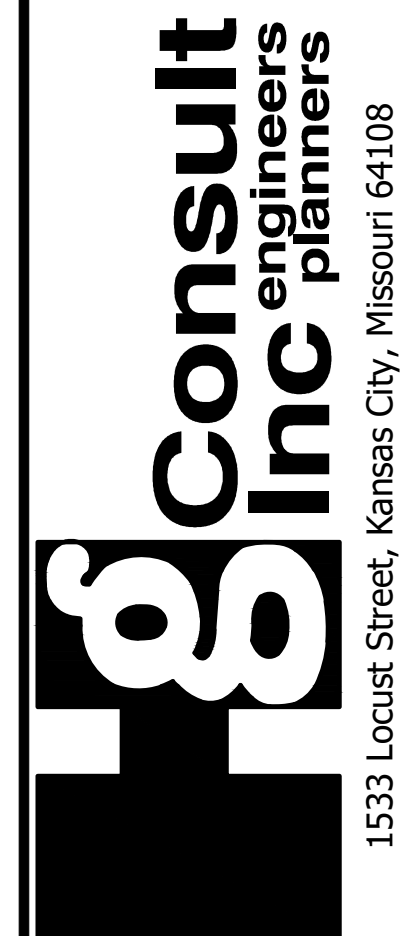
FINAL DEVELOPMENT PLANS			
EXISTING CONDITIONS			
OUR LADY OF THE PRESENTATION			
PARKING LOT EXPANSION			
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI			
X-REF NO. 23-042 Base			
DRAWING NO. 23-042 FDPs			
DATE June 30, 2023			
JOB NO. 23-042			
2 OF 14			
R. KEVIN STERRETT, P.E. 26440 JULY 28, 2023			
CONSULT INC. ENGINEERS 1533 LOCUST STREET, KANSAS CITY, MISSOURI 64108 CORPORATE LICENSE NO. E201000573 (MO.) / E-1736 (KS.) / LS 2019005467			
STATE OF MISSOURI REGISTERED PROFESSIONAL ENGINEER RICHARD K. STERRETT LICENSE NO. 26440 EXPIRATION DATE 12/31/2024			
DATE REVISION			
NO. BY			
CUT/REV			
07/28/23 PER CITY COMMENTS			
06/29/23 SUBMITTED TO CITY OF LEE'S SUMMIT			
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R. KEVIN STERRETT, MO E-26440
July 28, 2023

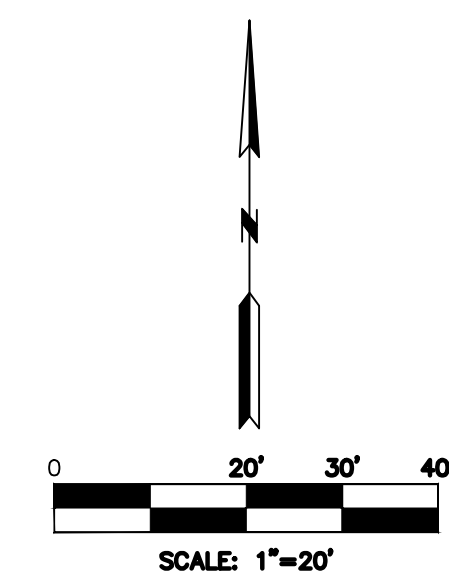


1533 Locust Street, Kansas City, Missouri 64108
CORPORATE LICENSE NO. E201000573 (MO.) / E-1736 (KS.) / LS 2019005467

FINAL DEVELOPMENT PLANS
SITE DEMOLITION PLAN

OUR LADY OF THE PRESENTATION
PARKING LOT EXPANSION
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

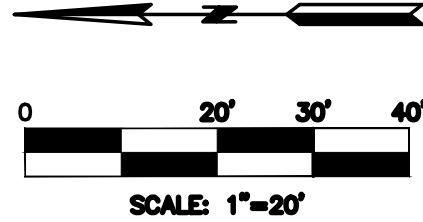
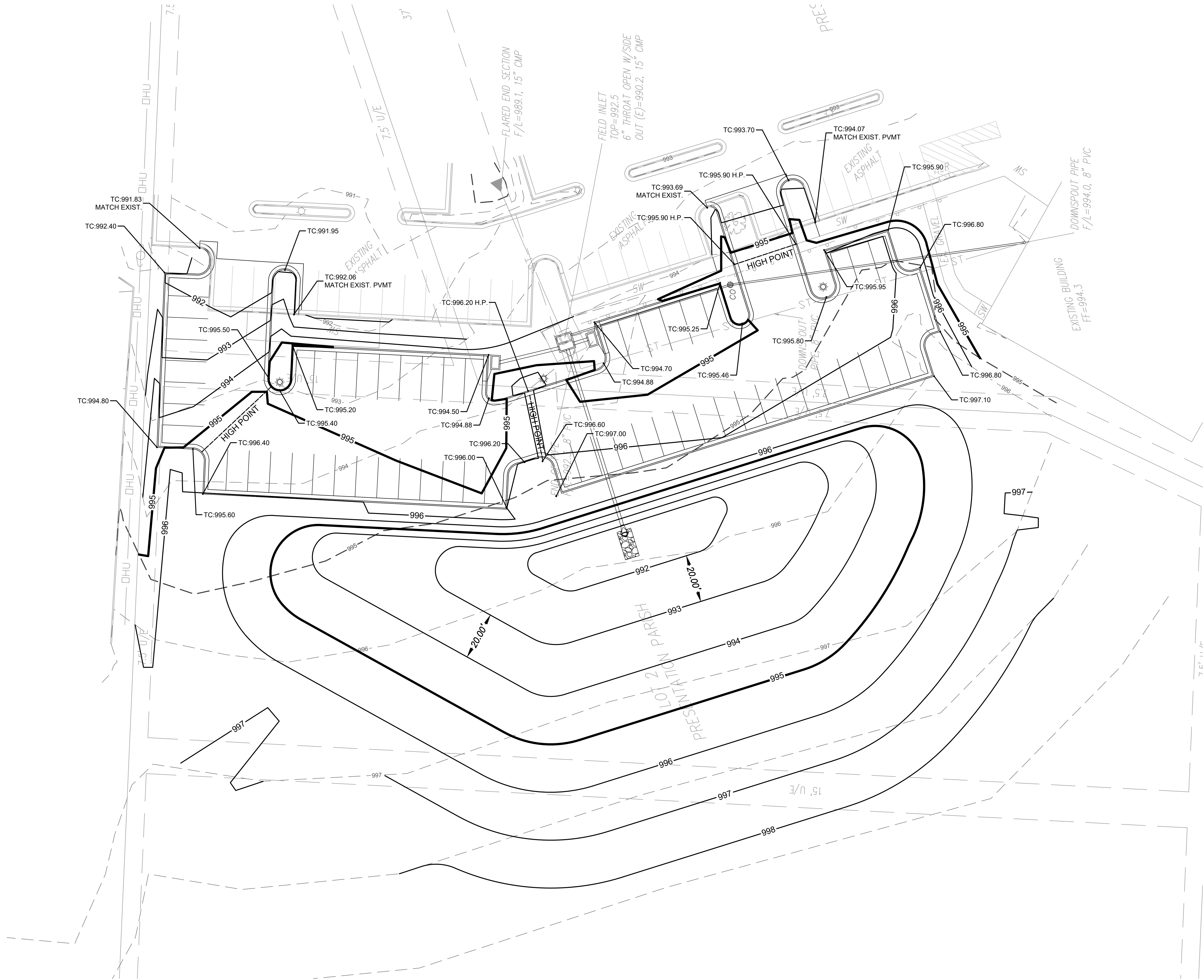
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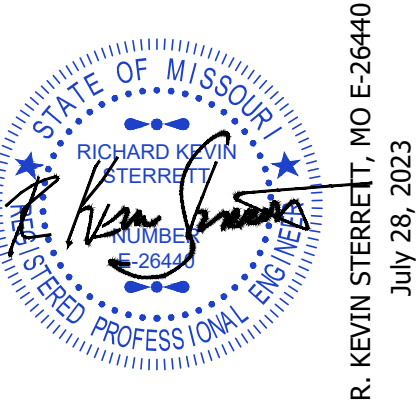
R. KEVIN STERRETT, MO E-26440
July 28, 2023

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07/26/98		RECEIVED SECRETARY OF STATE		MJD	SAC
07/26/98		THIS IS NOT A BLUE COPY AND THE SOURCE IN BLUE INK. THIS IS A COPY AND ANY CONTAINED INFORMATION WILL BE DELETED FROM THE CERTIFICATION CONTAINED ON THIS DOCUMENT SHALL NOT APPLY TO ANY COPIES UNAUTHORIZED ALIENS. THE CERTIFICATION CONTAINED ON THIS DOCUMENT SHALL NOT APPLY TO ANY COPIES UNAUTHORIZED ALIENS.			



LEGEND

TC = Top of Curb
 SW = Edge of Sidewalk
 H.P. = High Point
 L.P. = Low Point



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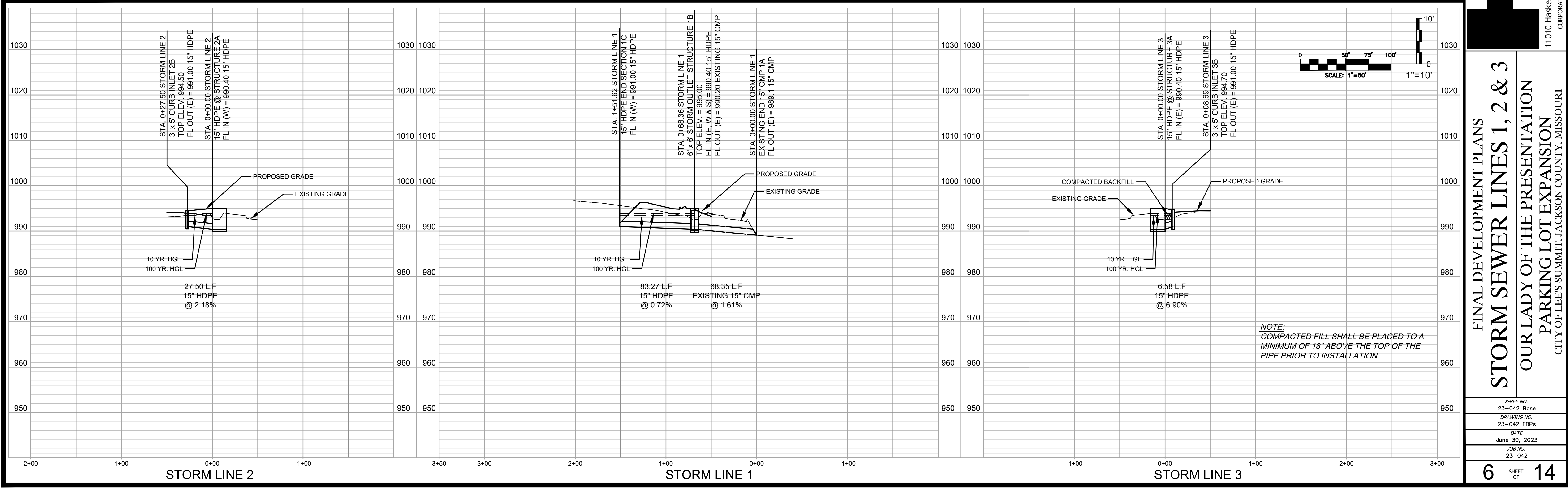
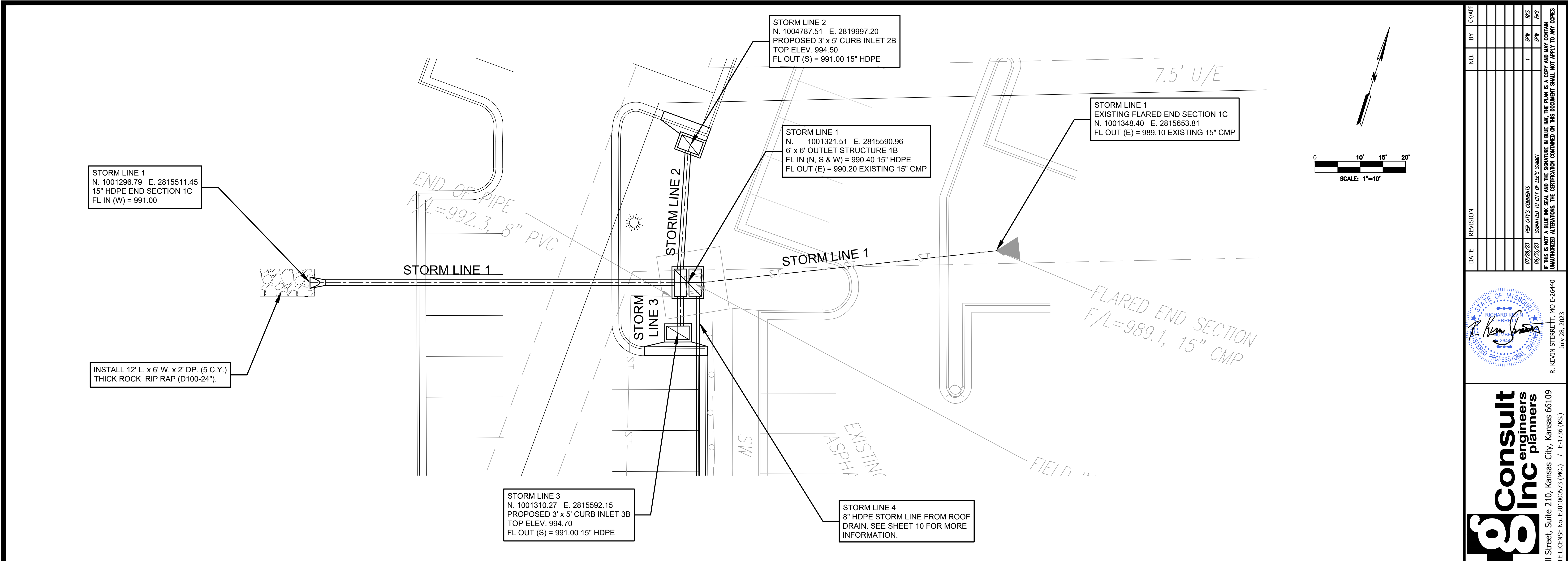
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 CORPORATE LICENSE NO. E201000573 (MO.) / E-1736 (KS.) / LS 2019005467

FINAL DEVELOPMENT PLANS
SITE GRADING PLAN
 OUR LADY OF THE PRESENTATION
 PARKING LOT EXPANSION
 CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

X-REF. NO. 23-042 Base
DRAWING NO. 23-042 FDPs
DATE June 30, 2023
JOB NO. 23-042

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			SPW	ARS

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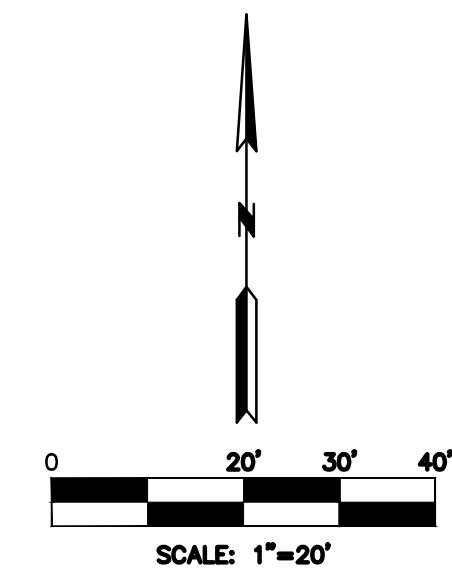
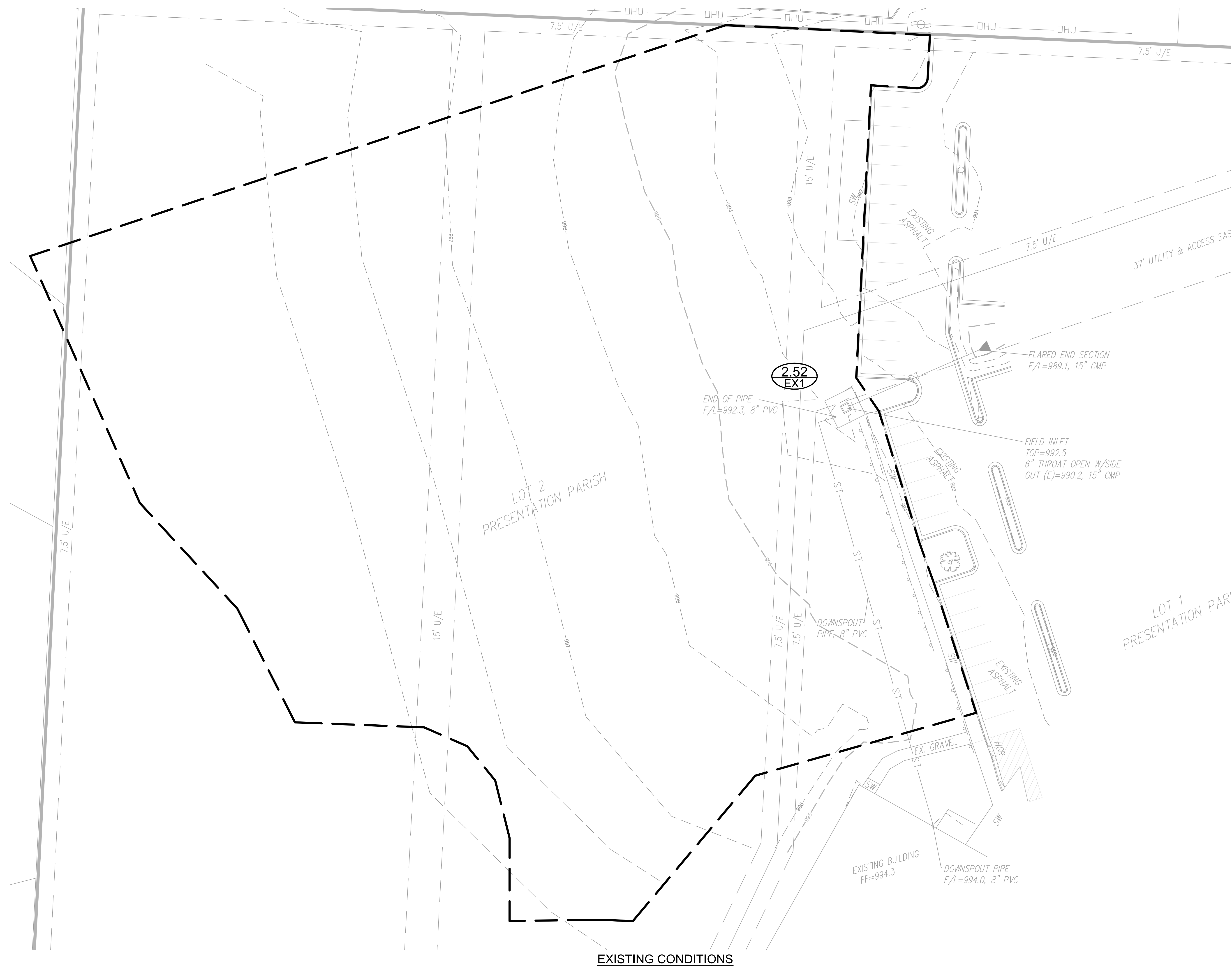
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July 28, 2023

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11010 Haskell Street, Suite 210, Kansas City, Kansas 66109
CORPORATE LICENSE No. E20100573 (MO.) / E-1736 (KS.)

FINAL DEVELOPMENT PLANS
STORM SEWER LINES 1, 2 & 3
OUR LADY OF THE PRESENTATION
PARKING LOT EXPANSION
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

X-REF. NO.
23-042 Base
DRAWING NO.
23-042 FDPs
DATE
June 30, 2023
JOB NO.
23-042

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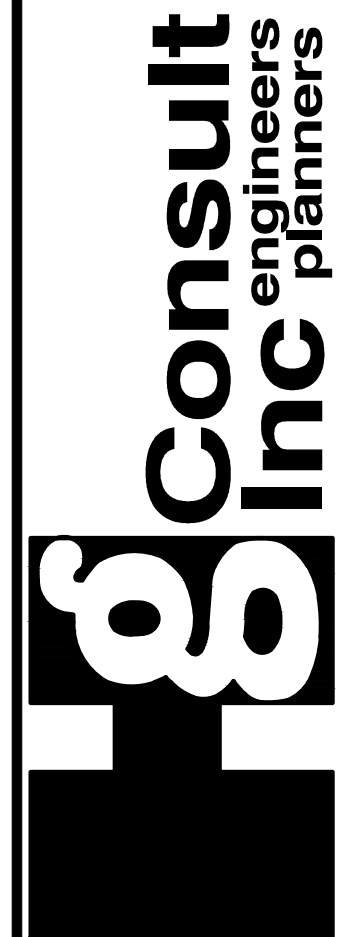


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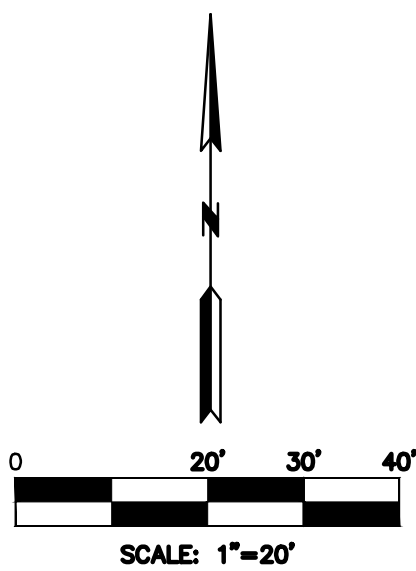
R. KEVIN STERRETT, MO E-26440
July 28, 2023



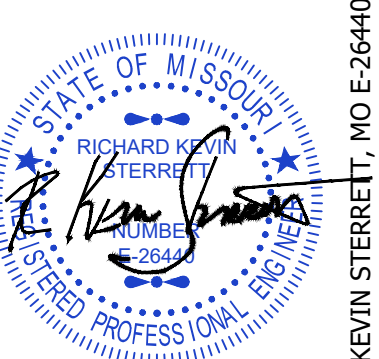
1533 Locust Street, Kansas City, Missouri 64108
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FINAL DEVELOPMENT PLANS
EC - DRAINAGE AREA MAP
OUR LADY OF THE PRESENTATION
PARKING LOT EXPANSION
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

	<i>X-REF NO.</i> 23-042 Base
	<i>DRAWING NO.</i> 23-042 FDPs
	<i>DATE</i> June 30, 2023
	<i>JOB NO.</i> 23-042



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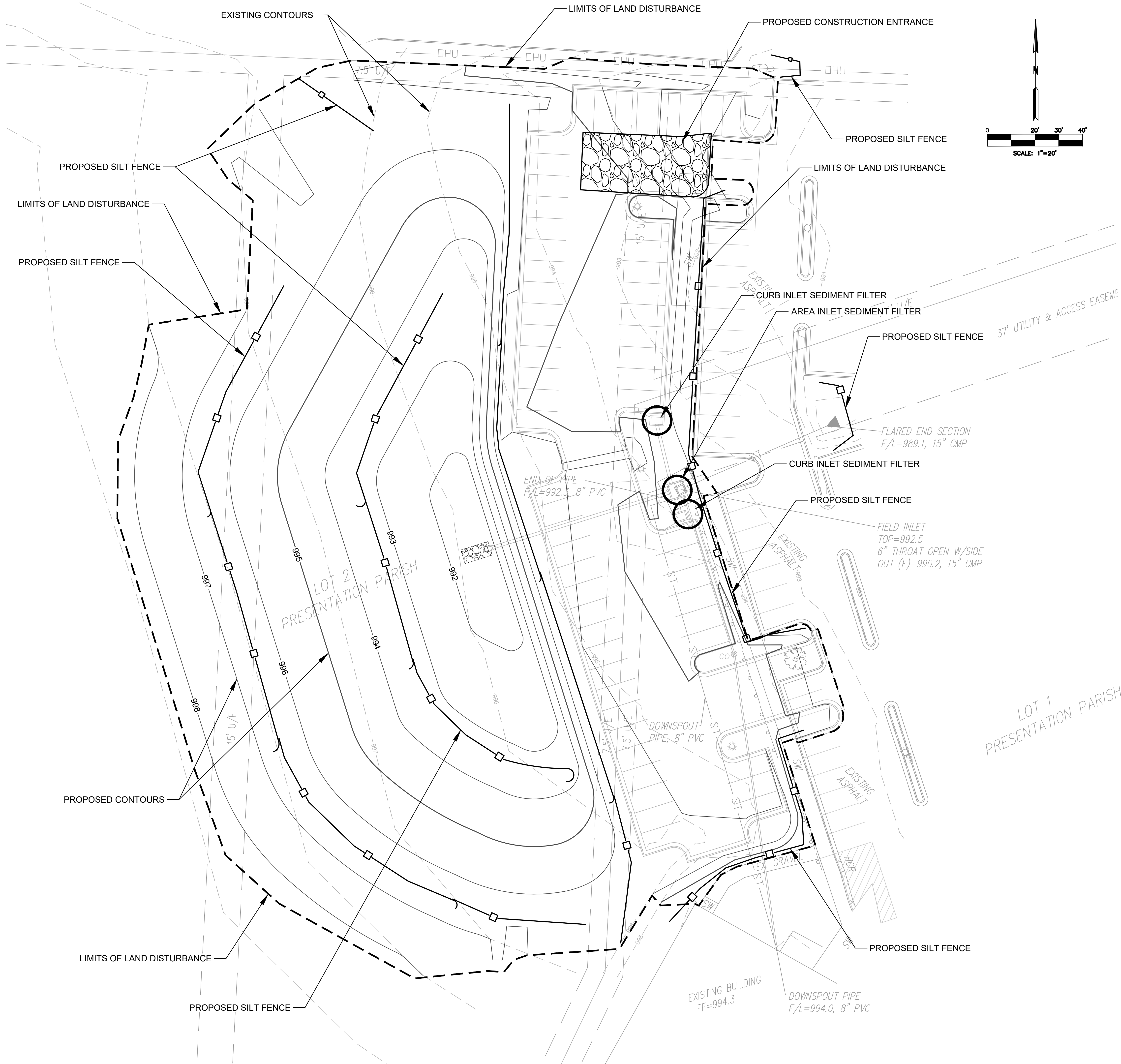


R. KEVIN STERRETT, MO E-26440
July 28, 2023

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FINAL DEVELOPMENT PLANS
PC - DRAINAGE AREA MAP
OUR LADY OF THE PRESENTATION
PARKING LOT EXPANSION
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

<i>X-REF NO.</i> 23-042 Base
<i>DRAWING NO.</i> 23-042 FDPs
<i>DATE</i> June 30, 2023
<i>JOB NO.</i> 23-042



- EROSION CONTROL GENERAL NOTES
1. The contractor shall inspect, repair and add stone to the stone construction entrance when it becomes saturated with mud to insure it functions as it was intended.

2. The topsoil stockpile shall be graded to drain and seeded with a temporary seed mix.

3. All erosion and sediment control devices shall be inspected, cleaned/repared in accordance with the Storm Water Pollution Prevention Plan.

4. Temporary sediment control measures (silt fence, construction entrance, etc.) shall be maintained until all contributing areas are graded and stabilized.

5. A complete plan for maintenance of control devices is contained within the Storm Water Pollution Prevention Plan which is part of the site work specifications.

6. Dust control on site shall be minimized by spraying water on dry areas of the site. The use of oils and other petroleum based or toxic liquids for dust suppression is strictly prohibited.

7. If the majority of mud or dirt is not removed from exiting traffic, contractor shall establish vehicle wash areas at construction traffic exit points and vehicle operation shall be intercepted and trapped before wash water is allowed to be discharged offsite. Rinse-off will not be allowed outside the project construction limits.

8. Repair eroded areas immediately, reseed as necessary to maintain good vegetative cover, mow vegetative cover to maintain a maximum height of six inches, and remove trash as needed.

9. Inspect and repair the collection system (i.e. catch basins, piping, swales, rip rap, etc.) after significant rainfall to maintain proper functioning.

10. All existing structures, fencing, trees, etc., within the construction area shall be removed and disposed of off site per state and local ordinances. Any burning on site shall be subject to local ordinances.

11. All wash water (concrete truck, vehicle cleaning, equipment cleaning, etc.) shall be disposed of in a manner that prevents contact between these materials and storm water that is discharged from the site.

12. All materials spilled, dropped, washed, or tracked from vehicles onto roadways or into storm drains must be removed immediately.

13. Contractor shall remove all temporary erosion control devices/ditches and dispose of per local codes once the site has been stabilized. Contractor shall refer to the grading plan for final grades.

14. Land disturbing activities shall not commence until approval to do so has been received by governing authorities.

15. The general contractor shall strictly adhere to the SWPPP during construction operations.

16. No land clearing or grading shall begin until all erosion control measures have been installed.

17. All exposed areas shall be seeded as specified within 14 days of final grading. Should construction stop for longer than 14 days, the site shall be seeded as specified.

18. After every significant runoff producing rainfall event of 1/2" or greater and at least once a week, check and clear the outfall device of any obstructions.

19. This plan shall not be considered all inclusive as the general contractor shall take all necessary precautions to prevent soil sediment from leaving the site.

20. General Contractor shall comply with all State and Local ordinances that apply.

21. Additional erosion and sediment control measures will be installed if deemed necessary by on site inspection.

22. If installation of storm drainage system should be interrupted by weather or nightfall, the pipe ends shall be covered with filter fabric.

23. General Contractor shall be responsible to take whatever means necessary to establish permanent soil stabilization.

24. Additional erosion and siltation control methods and devices may be required as directed by the City or MoDNR.

- LEGEND
- LIMITS OF LAND DISTURBANCE

—□—

SILT FENCE (APWA ESC-03)

○

CURB INLET SEDIMENT FILTER (APWA ESC-06)
FOR EXISTING INLETS OR INSTALL AS SOON AS
INLET IS CONSTRUCTED

CONSTRUCTION ENTRANCE AND CONCRETE
WASHOUT (APWA ESC-01)

TOTAL LAND DISTURBANCE = 1.96 ACRES

EROSION CONTROL PHASING

- PHASE 1: (PRE-CLEARING AND PRE-GRADING)
INSTALL PERIMETER CONTAINMENT, CONSTRUCTION ENTRANCE
AND STRUCTURE PROTECTION ON EXISTING AND STRUCTURE
PROTECTION ON STRUCTURES DOWN STREAM OF DISTURBED
AREAS.
- PHASE 2:
INSTALL INLET PROTECTION ON NEW STRUCTURES AS INSTALLED
AND PRIOR TO PAVING.
- PHASE 3:
INSTALL SILT FENCE DOWNSTREAM OF PARKING AND BUILDING
UNTIL REVEGETATION OF SAID LOT.
- PHASE 4:
UPON REVEGETATION OF LOT, REMOVE ALL EROSION CONTROL
MEASURES.

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FINAL DEVELOPMENT PLANS

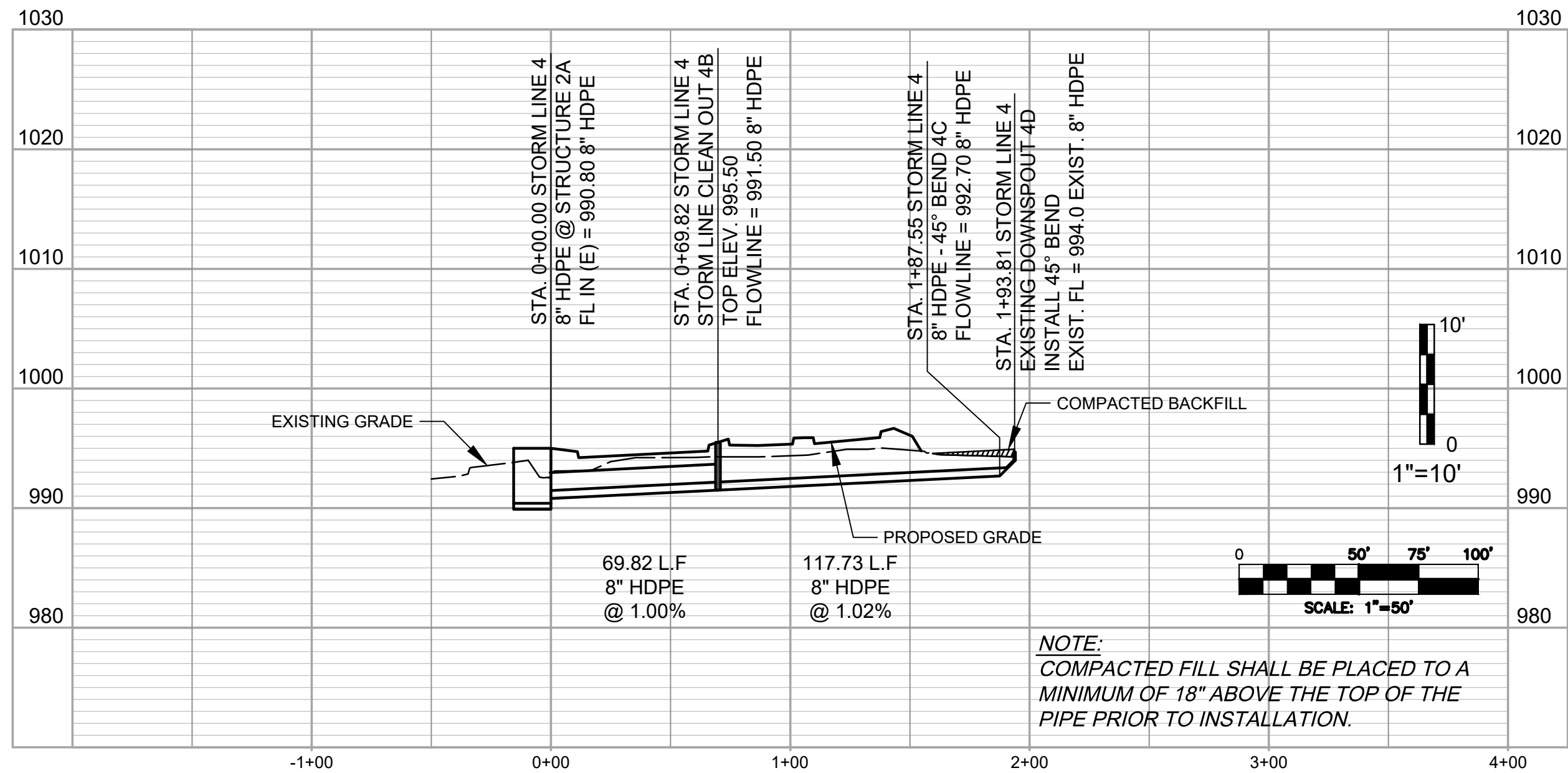
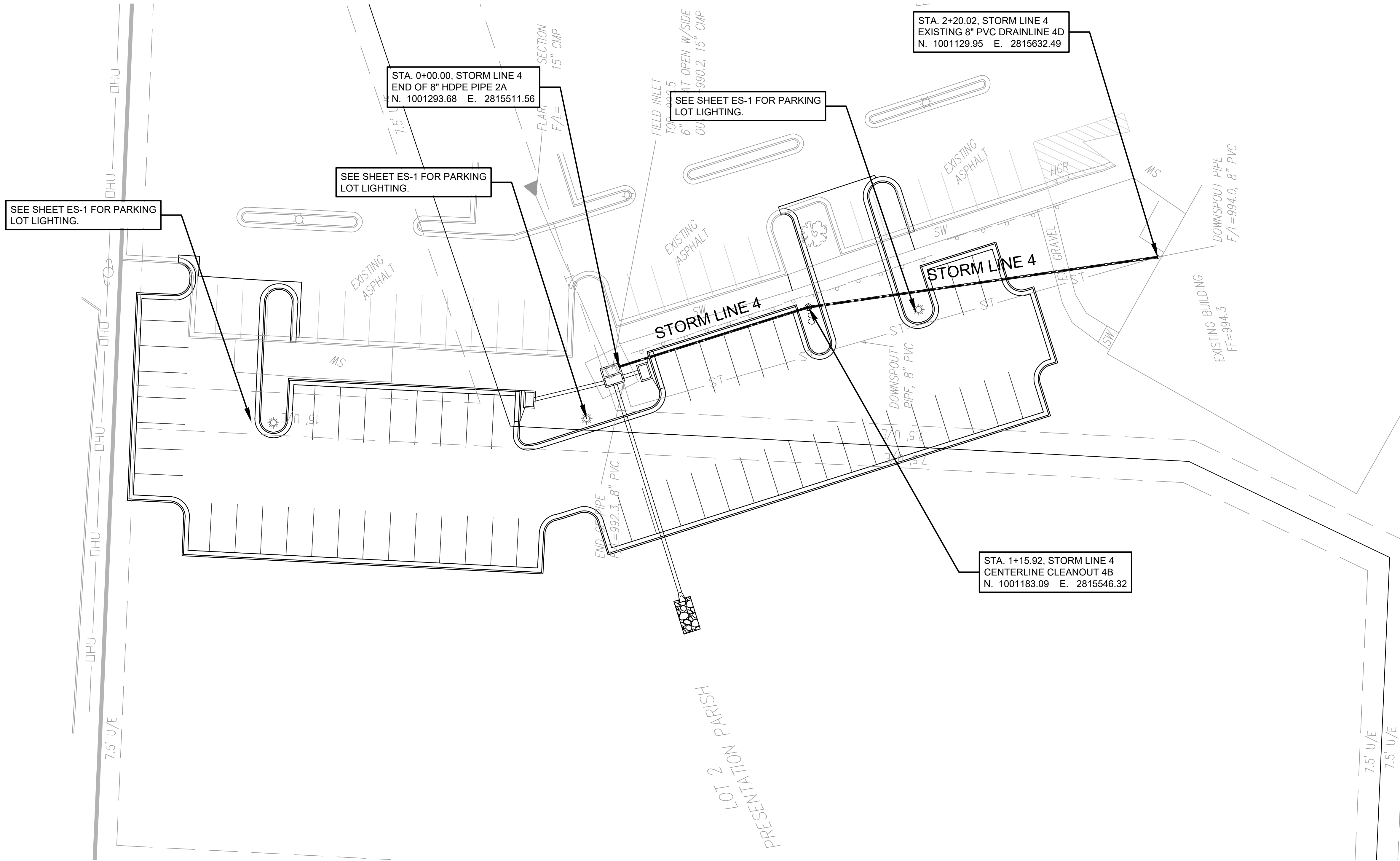
EROSION CONTROL PLAN

OUR LADY OF THE PRESENTATION

PARKING LOT EXPANSION

CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

X-REF NO. 23-042 Base
DRAWING NO. 23-042 FDPs
DATE June 30, 2023
JOB NO. 23-042
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- GENERAL UTILITY NOTES:
- All utility installation to be in accordance to Lee's Summit "DESIGN AND CONSTRUCTION MANUAL" per Ordinance 5813. See manual for specifications and standard details.
 - Storm pipe to be HDPE, corrugated with smooth interior.
 - Contractor to verify all invert elevations for existing sewer connections. Contact civil engineer if conflict arises.
 - Sewer lines to be trenched and backfilled per City of Lee's Summit.

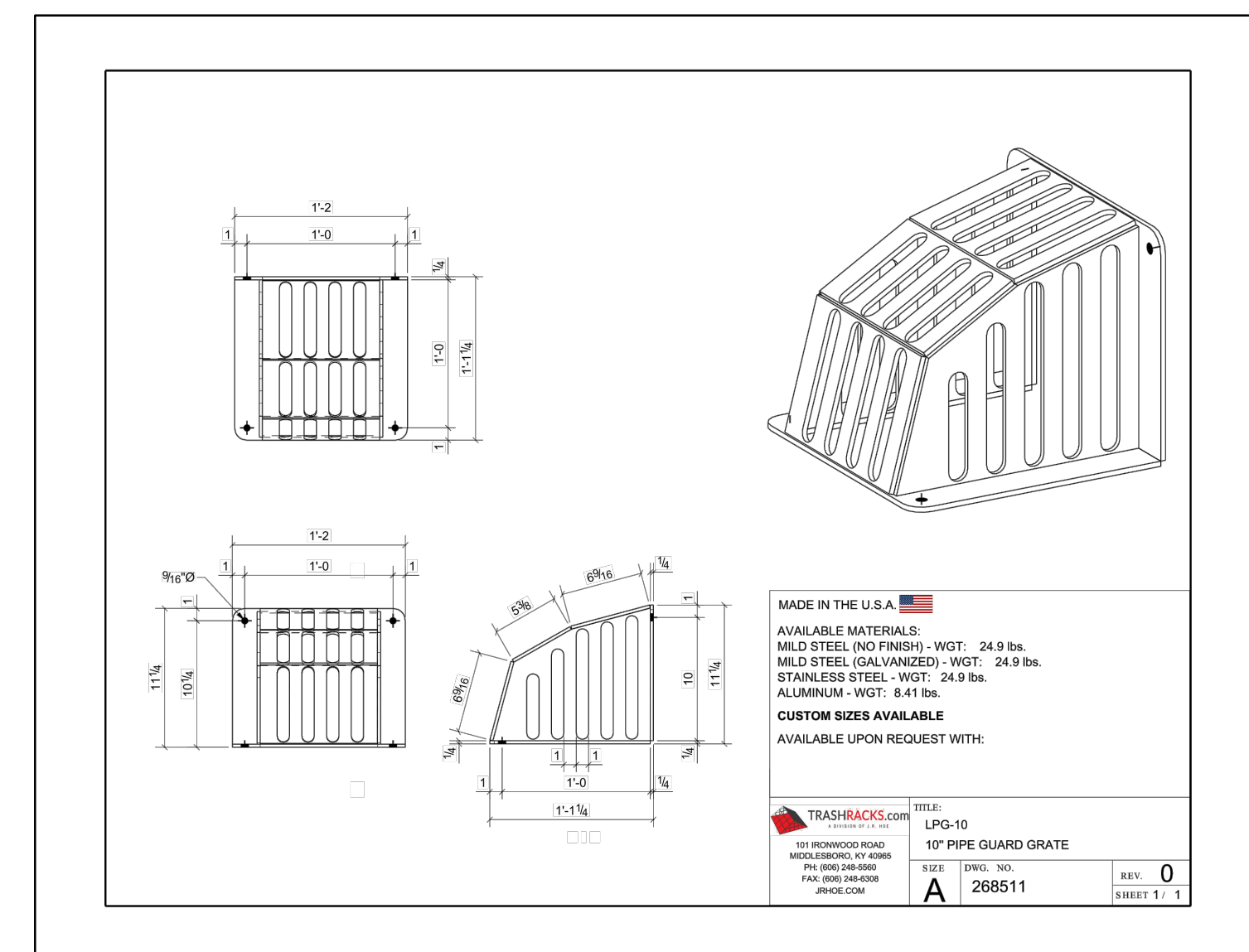
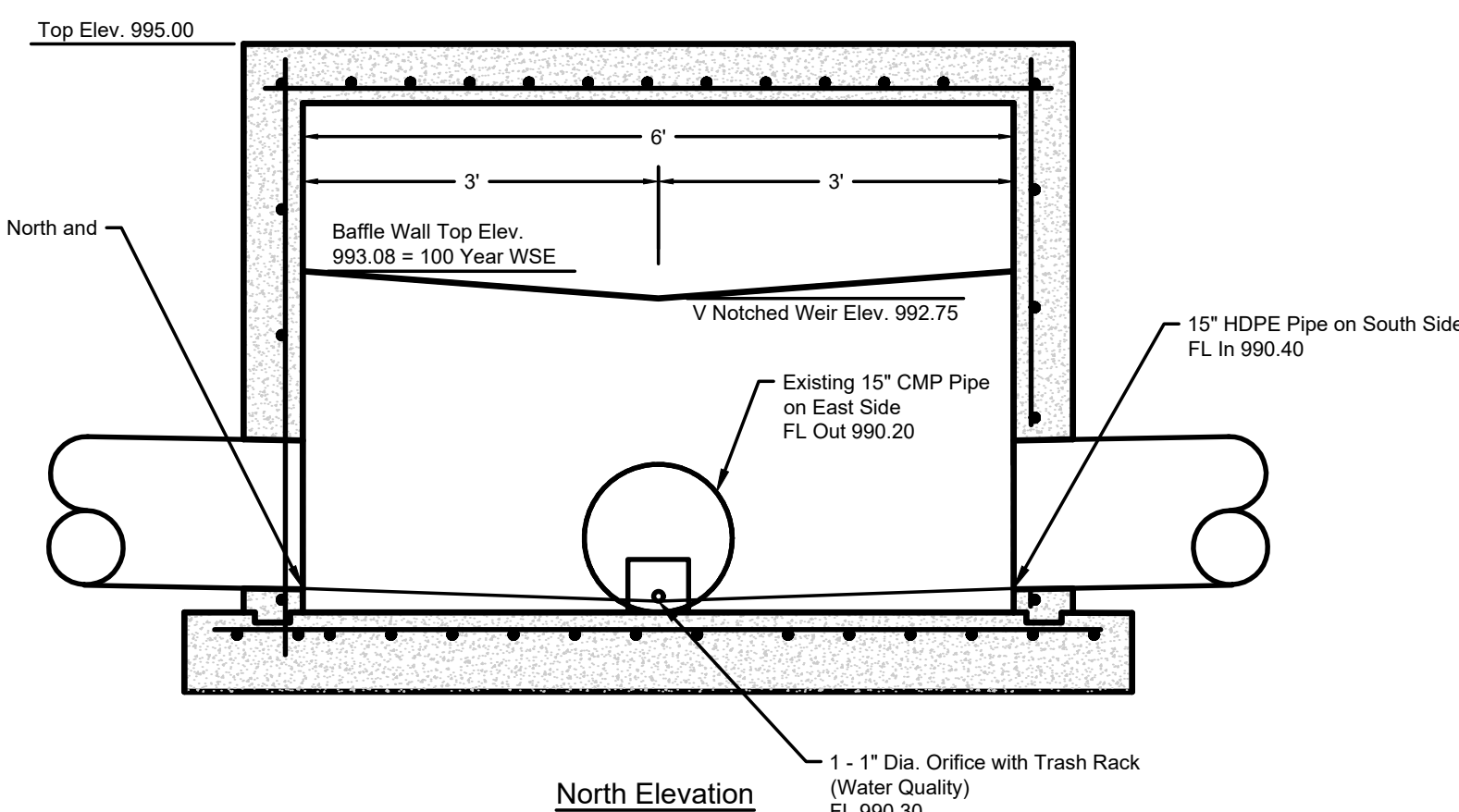
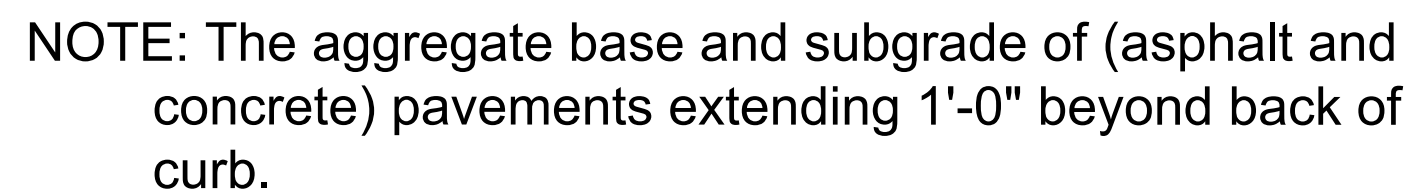
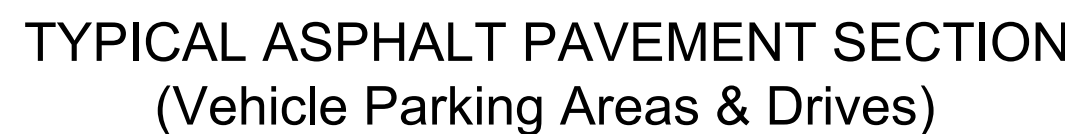
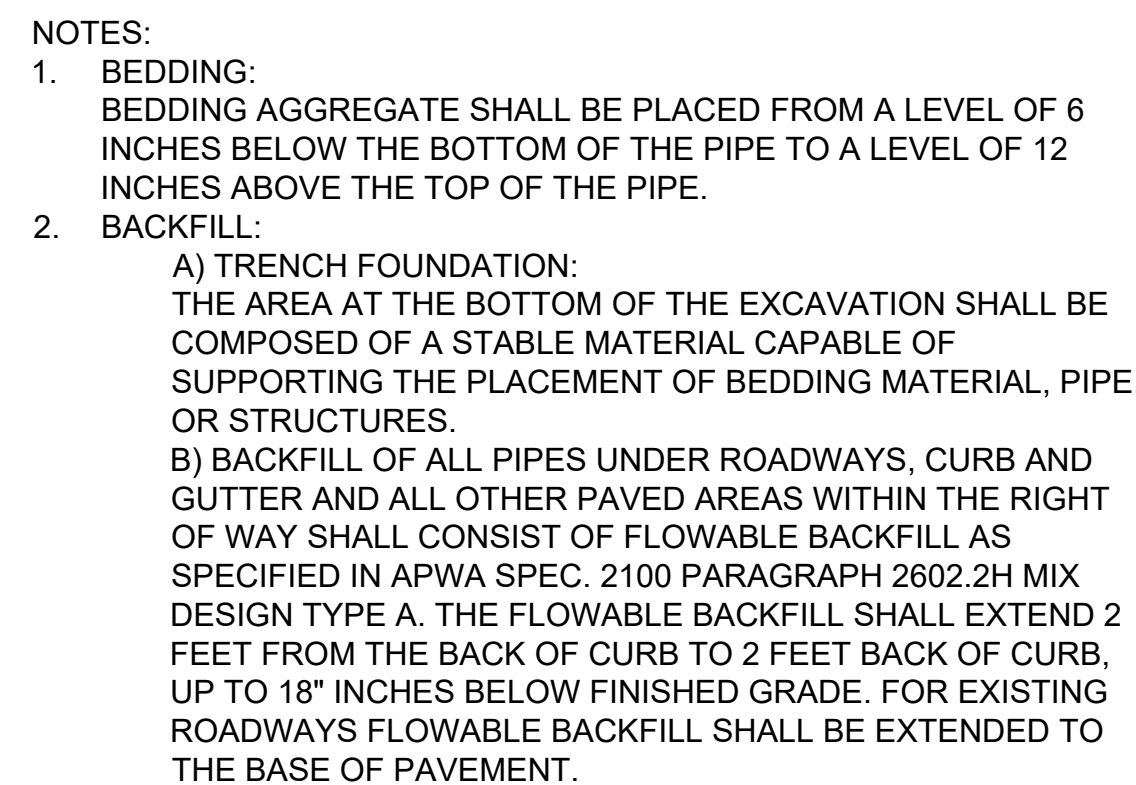
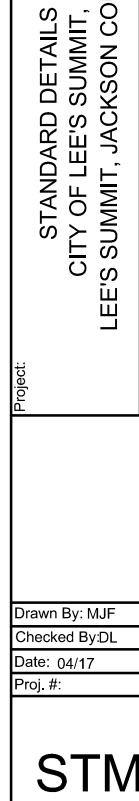
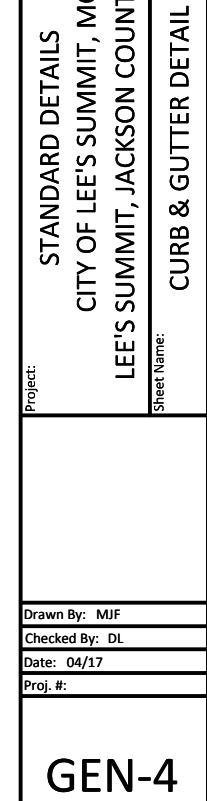
FINAL DEVELOPMENT PLANS
SITE UTILITY PLAN
OUR LADY OF THE PRESENTATION
PARKING LOT EXPANSION
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

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engineers
planners
1533 Locust Street, Kansas City, Missouri 64108
CORPORATE LICENSE NO. E201000573 (MO.) / E-1736 (KS.) / LS 2019005467

STATE OF MISSOURI
RICHARD K. STERRETT
ENGINEER
JULY 26, 2023
R. KEVIN STERRETT, MO E-2640
JULY 26, 2023

DATE	REVISION	NO.	BY	CORP.
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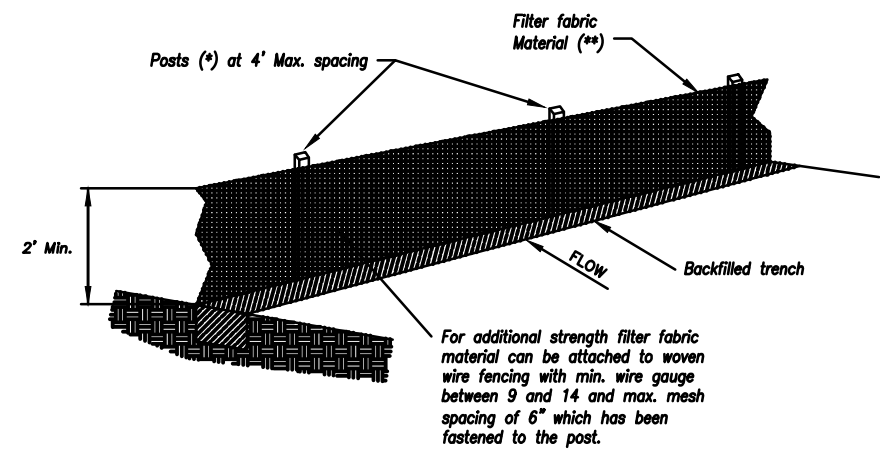
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FINAL DEVELOPMENT PLANS
MISC. SITE DETAILS

OUR LADY OF THE PRESENTATION
PARKING LOT EXPANSION
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

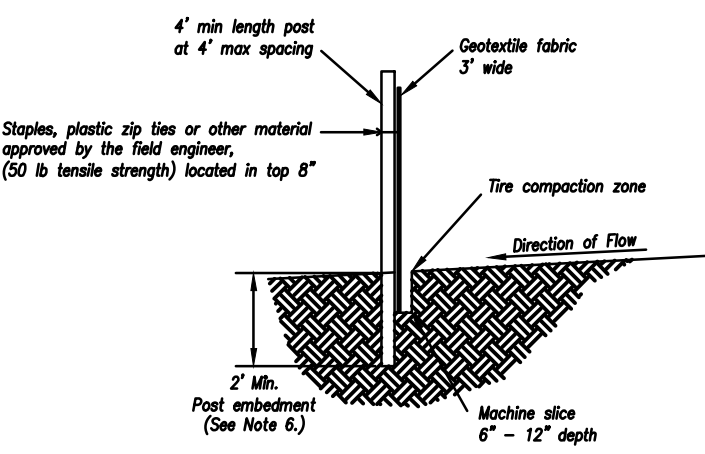
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- (*) EGOSIS
- MIN. LENGTH 4'
 - HARDWOOD 1 3/4" x 1 3/4"
 - NO.2 SOUTHERN PINE 2 3/4" x 2 3/4"
 - STEEL 1.33 LB/FT

(**) - Geotextile Fabric shall meet the requirements of AASHTO M288

SILT FENCE DETAILS
Not to Scale



Notes:

1. In order to contain water, the ends of the silt fence must be turned uphill (Figure A).
2. Long perimeter runs of silt fence must be limited to 100'. Runs should be broken up into several smaller segments to minimize water concentrations (Figure A).
3. Long slopes should be broken up with intermediate rows of silt fence to slow runoff velocities.
4. Attach fabric to upstream side of post.
5. Install posts a minimum of 2' into the ground.
6. Trenching will only be allowed for small or difficult installation, where slicing machine cannot be reasonably used.

Maintenance:

1. Remove and dispose of sediment deposits when the deposit approaches 1/2 the height of silt fence.
2. Repair as necessary to maintain function and structure.

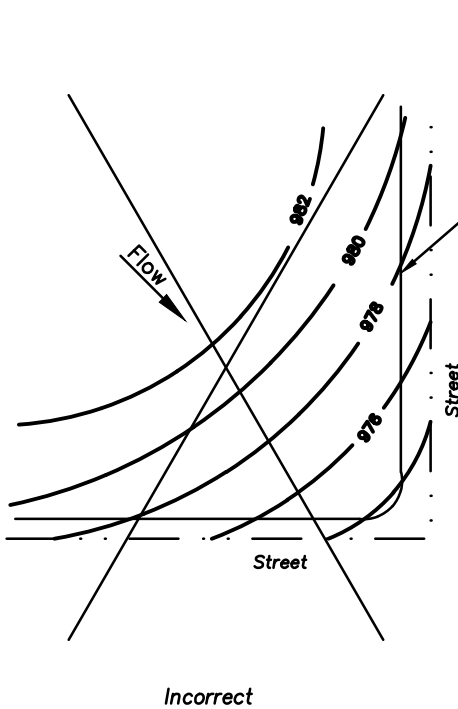
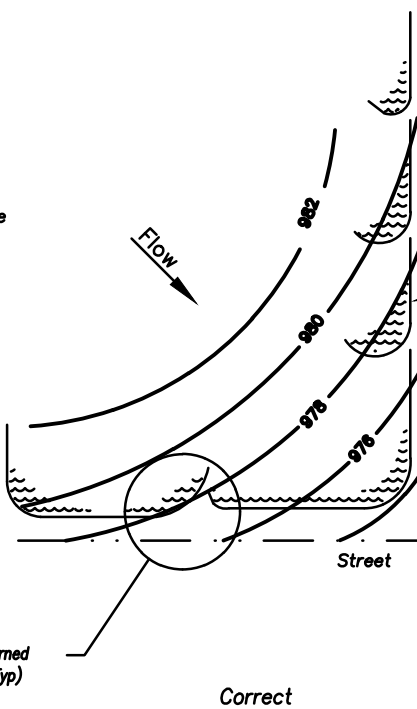
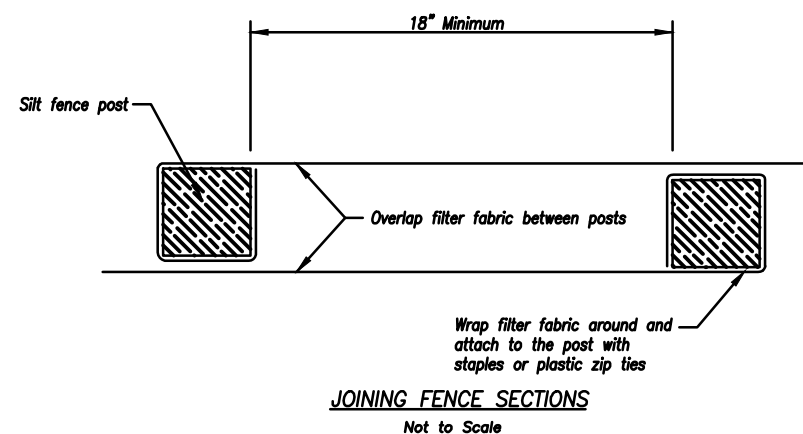
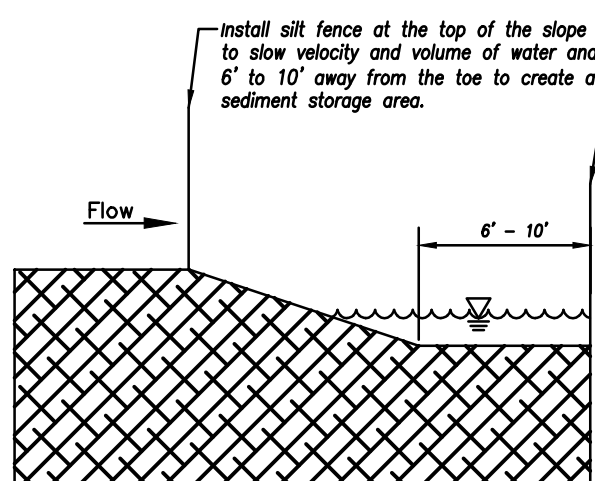


Figure A

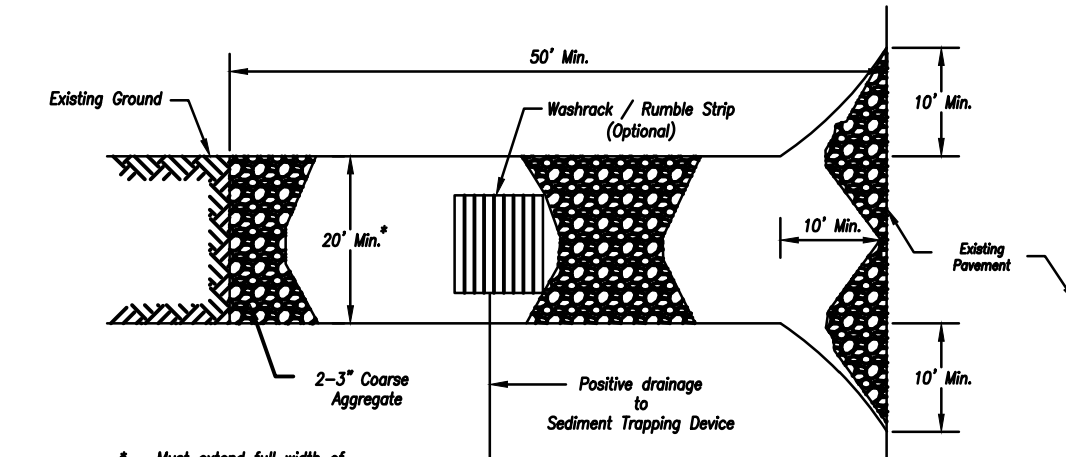


SILT FENCE LAYOUT
Not to Scale

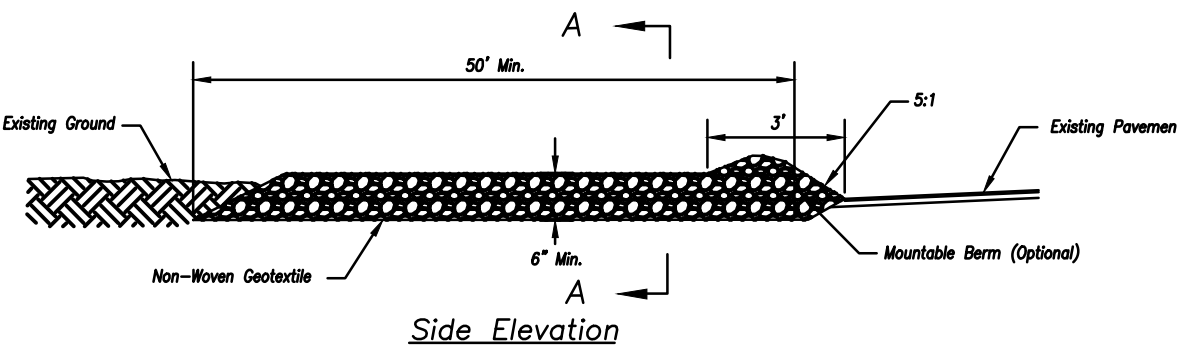


AMERICAN PUBLIC WORKS ASSOCIATION	
	KANSAS CITY METRO CHAPTER
SILT FENCE	STANDARD DRAWING NUMBER ESC-03 ADOPTED: 10/24/2016

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.



Plan View
Not to Scale



Section A-A
Not to Scale

Notes for Construction Entrance:

1. Avoid locating on steep slopes, at curves on public roads, or downhill of disturbed area.
2. Remove all vegetation and other unsuitable material from the foundation area, grade, and crown for positive drainage.
3. If slope towards the public road exceeds 2%, construct a 6'- to 8'-inch high ridge with 3:1:1V side slopes across the foundation approximately 15 feet from the edge of the public road to divert runoff from it.
4. Install pipe under the entrance if needed to maintain drainage ditches along public roads.
5. Place stone to dimensions and grade as shown on plans. Leave surface sloped for drainage.
6. Divert all surface runoff and drainage from the entrance to a sediment control device.
7. If conditions warrant, place geotextile fabric on the graded foundation to improve stability.

Maintenance for Construction Entrance:

1. Reshape entrance as needed to maintain function and integrity of installation. Top dress with clean aggregate as needed.

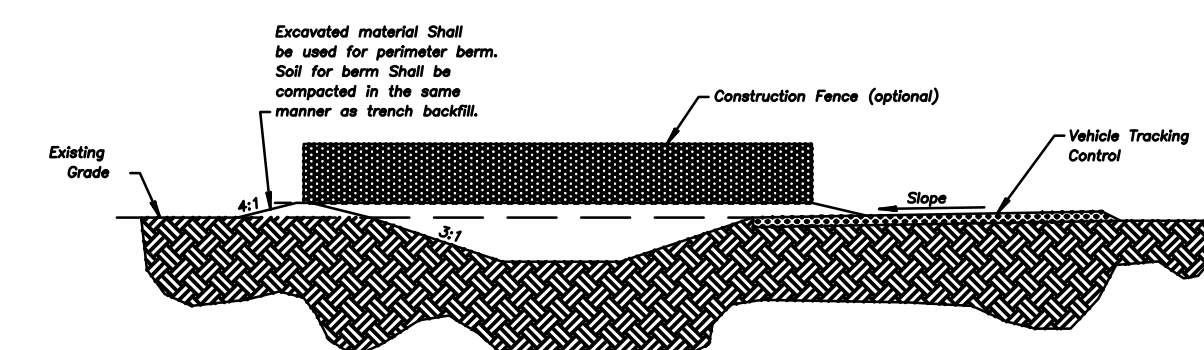
CONSTRUCTION ENTRANCE

Notes for Concrete Washout:

1. Concrete washout areas shall be installed prior to any concrete placement on site.
2. Concrete washout area shall include a flat subbase pit sized relative to the amount of concrete to be placed on site. The slopes leading out of the subbase pit shall be 3:1. The vehicle tracking pad shall be sloped towards the concrete washout area.
3. Vehicle tracking control is required at the access point to all concrete washout areas.
4. Signs shall be placed at the construction site entrance, washout area and elsewhere as necessary to clearly indicate the location(s) of the concrete washout area(s) to operators of concrete truck and pump rigs.
5. A temporary impervious liner may be required along the bottom and sides of the subbase pit in sandy or gravelly soils.

Maintenance for Concrete Washout:

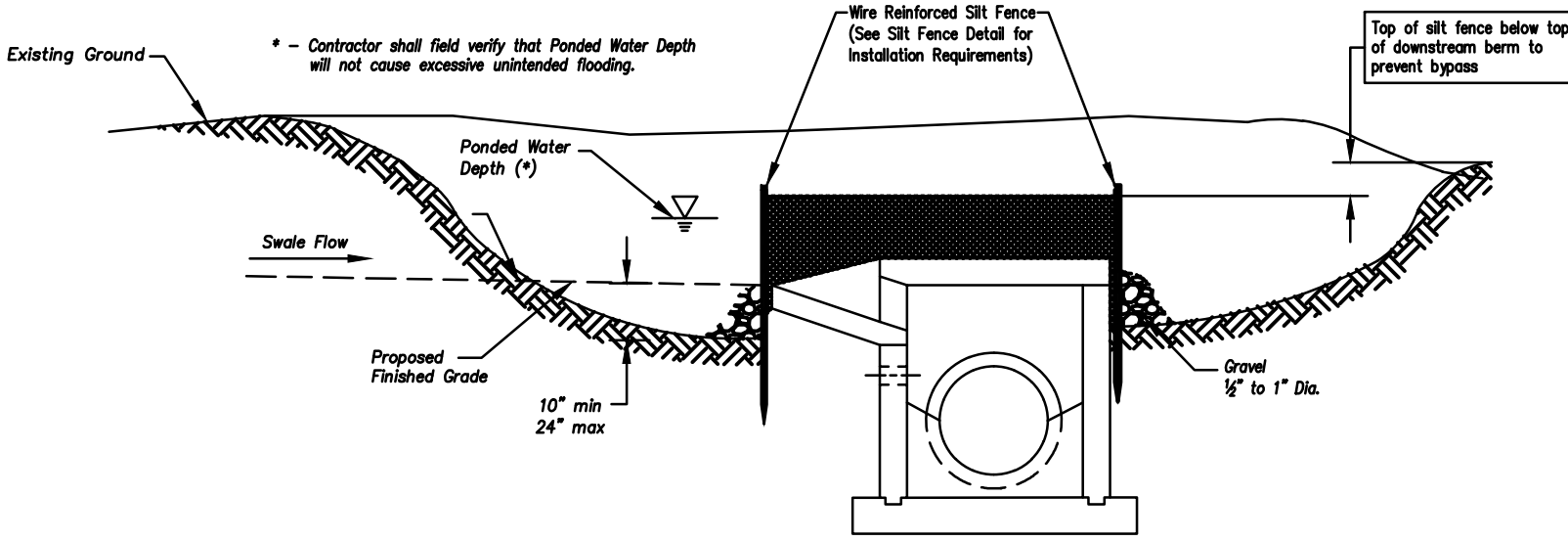
1. Concrete washout materials shall be removed once the materials have filled the washout to approximately 75% full.
2. Concrete washout areas shall be enlarged as necessary to maintain capacity for washed concrete.
3. Concrete washout water, wasted pieces of concrete and all other debris in the subbase pit shall be transported from the job site in a water-tight container and disposed of properly.
4. Concrete washout areas shall remain in place until all concrete for the project is placed.
5. When concrete washout areas are removed, excavations shall be filled with suitable compacted backfill and topped, any disturbed areas associated with the installation, maintenance, and/or removal of the concrete washout areas shall be stabilized.



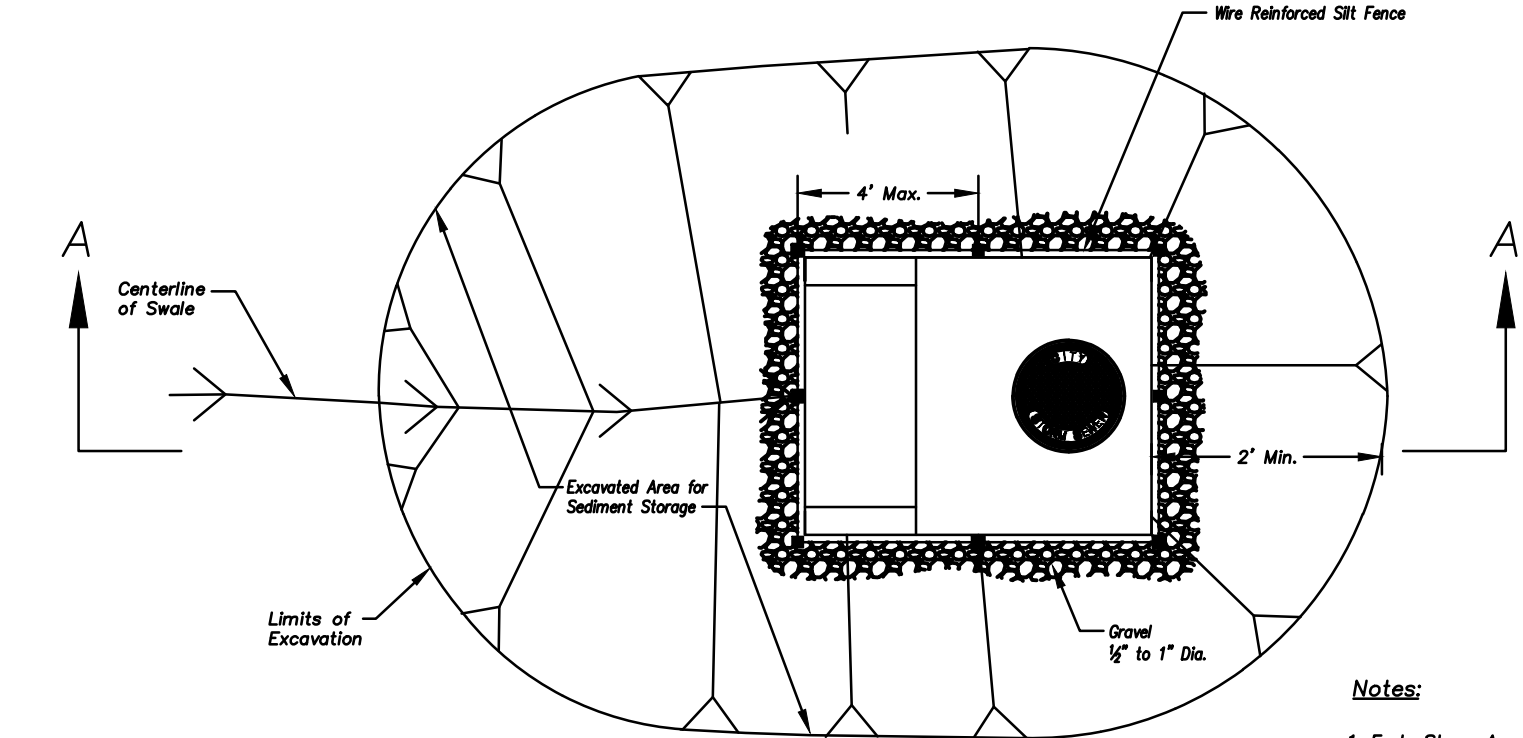
CONCRETE WASHOUT

AMERICAN PUBLIC WORKS ASSOCIATION	
	KANSAS CITY METRO CHAPTER
CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT	STANDARD DRAWING NUMBER ESC-01 ADOPTED: 10/24/2016

Construction Entrance modified from 2015 Overland Park Standard Details for Erosion and Sediment Control; Concrete Washout modified from 2009 City of Great Bend Standard Drawings.



Section A-A
Not to Scale

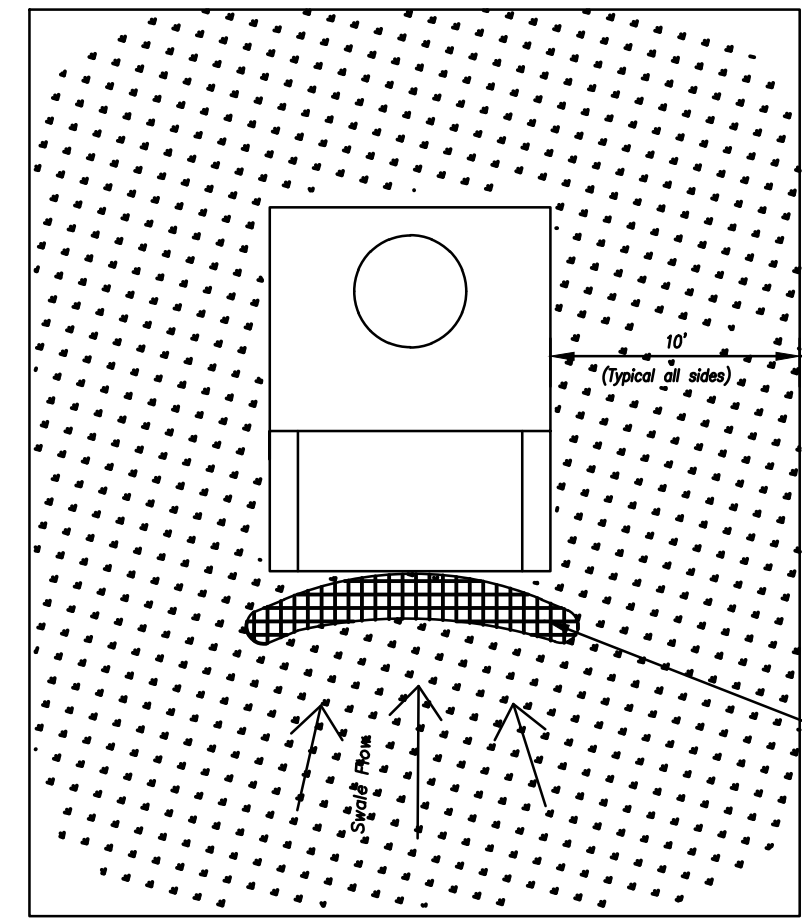


EARLY STAGE AREA INLET
(All open boxes and inlets not at final grade)

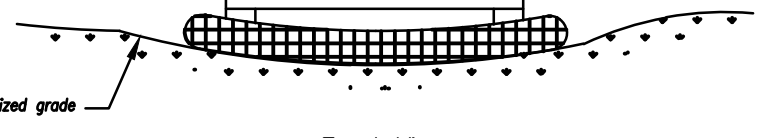
Notes:

1. Early Stage Area Inlet Sediment Barrier to be installed immediately after inlet or junction box is constructed.
2. Silt fence shall remain in place until excavated area is removed and Late Stage Area Inlet is being installed.
3. Backfill excavated area ONLY after final grading of the site. Stabilization of the site is to immediately follow.
4. Wire reinforced silt fence may be used in place of silt fence attached to wood frame.

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.



Plan
Not to Scale



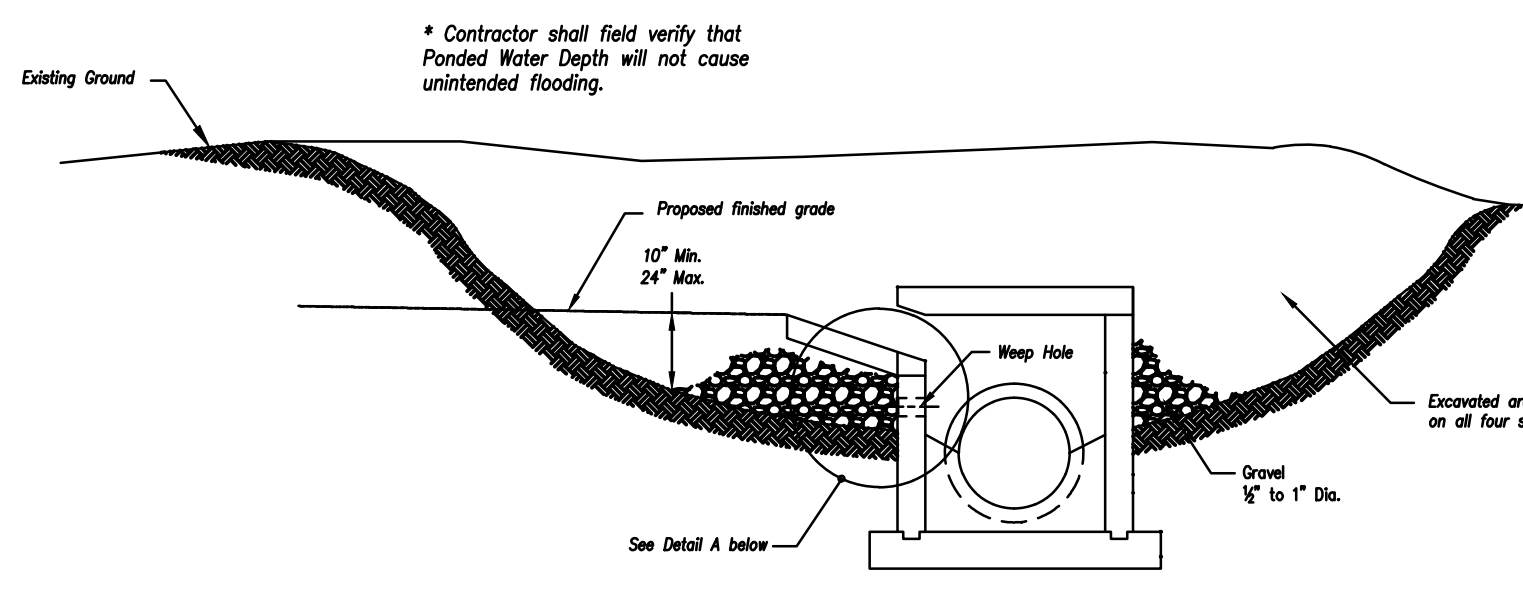
Front View

LATE STAGE AREA INLET
(Area inlets at final grade and existing inlets)

Maintenance:

1. Remove deposited sediment from excavated storage areas when available storage has been reduced by 20%.
2. Remove deposited sediment from filter socks or similar when any accumulation of sediment is visible.
3. Repair or replace as necessary to maintain function and integrity of installation.

AMERICAN PUBLIC WORKS ASSOCIATION	
	KANSAS CITY METRO CHAPTER
AREA INLET AND JUNCTION BOX PROTECTION	STANDARD DRAWING NUMBER ESC-07 ADOPTED: 10/24/2016



Detail A

EARLY STAGE CURB INLET
(Open Box and Prior to Pouring
Curb and Inlet Throat)

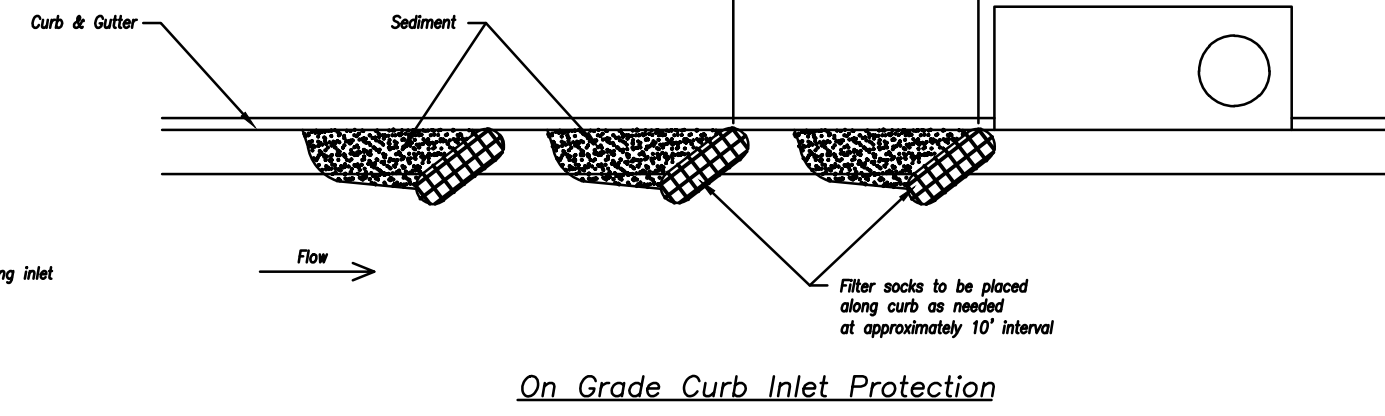
Notes:

1. Immediately following inlet construction and prior to construction of curb and inlet throat, protect inlet opening by installing 2" x 10" (min.) board wrapped in silt fence. Structures shall have excavated storage area on all four sides to allow settling of sediment (Early Stage Curb Inlet).
2. When inlet is completed and curb poured, filter socks or approved equal should be used (Late Stage Curb Inlet). Storm water is not approved for curb inlet use.
3. Contractor to field verify ponding water shall not create a traffic hazard.

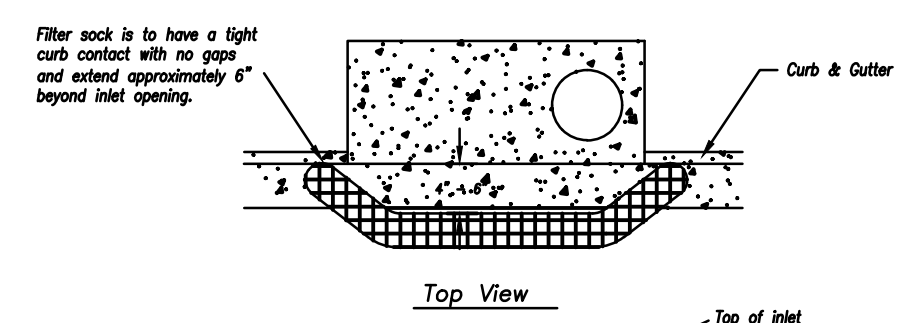
Maintenance:

1. Remove deposited sediment from excavated storage areas when available storage has been reduced by 20%.
2. Remove deposited sediment from filter socks or similar when any accumulation of sediment is visible.
3. Repair or replace as necessary to maintain function and integrity of installation.

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.



On Grade Curb Inlet Protection



Top View

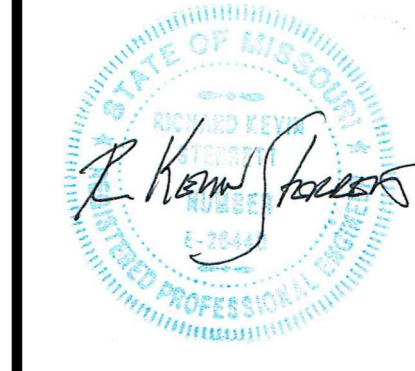
Front View

Sump Inlet Sediment Filter

LATE STAGE CURB INLET
(After Pouring Curb and Inlet Throat)

AMERICAN PUBLIC WORKS ASSOCIATION	
	KANSAS CITY METRO CHAPTER
CURB INLET PROTECTION	STANDARD DRAWING NUMBER ESC-06 ADOPTED: 10/24/2016

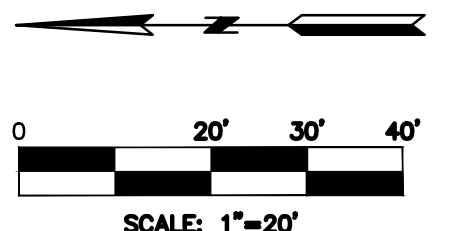
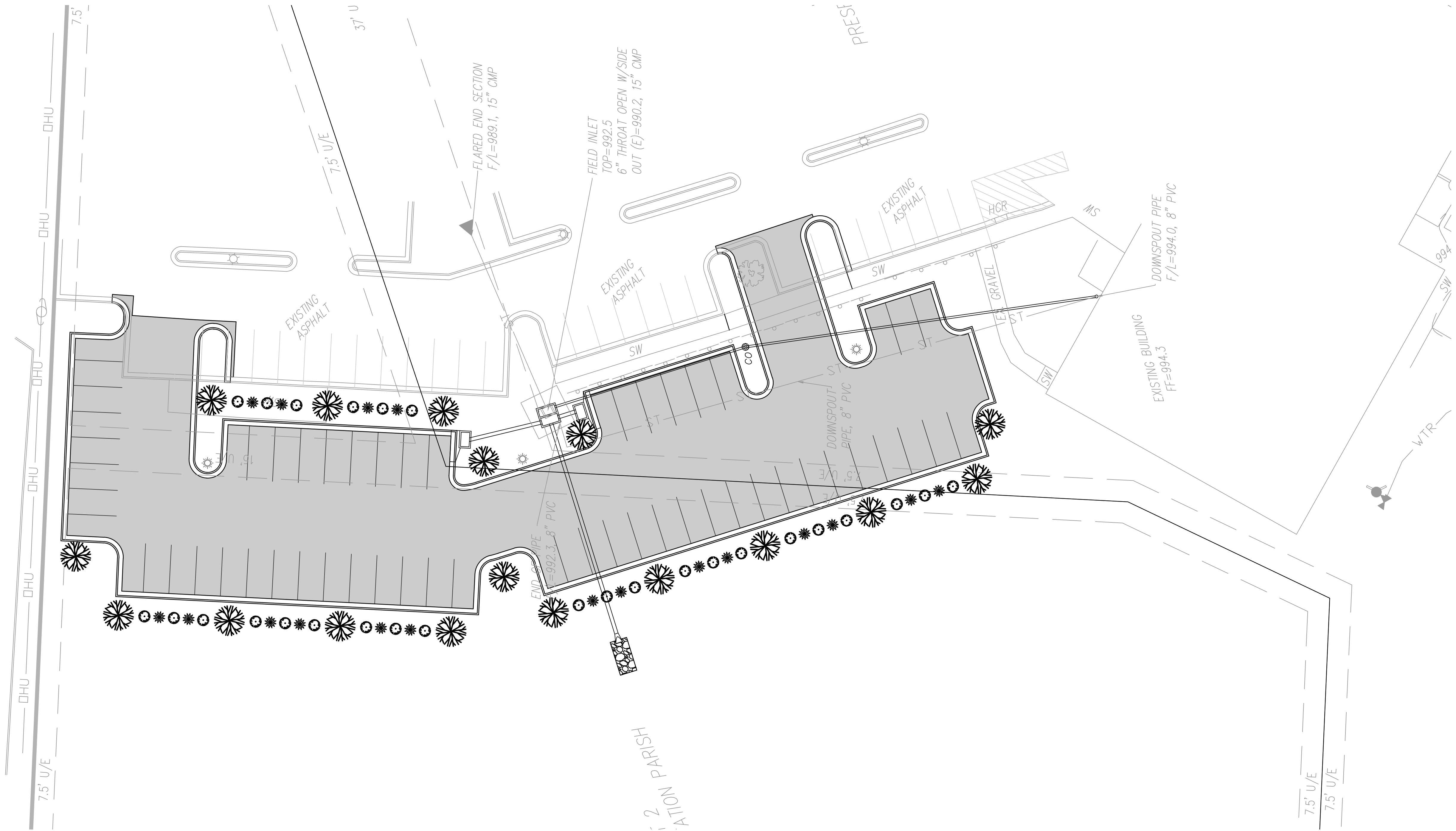
NO.	BY	DATE	REVISION
1	SW	07/28/21	
2	SW	08/29/21	



g Consult Inc
engineers planners
1533 Locust Street, Kansas City, Missouri 64108
CORPORATE LICENSE NO. E201000573 (MO.) / E-1736 (KS.) / LS 201905467

FINAL DEVELOPMENT PLANS
MISC. SITE DETAILS
OUR LADY OF THE PRESENTATION
PARKING LOT EXPANSION
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

X-REF NO. 23-042 Base
DRAWING NO. 23-042 FDPs
DATE June 30, 2023
JOB NO. 23-042



LANDSCAPE SCHEDULE :

SPECIES	CALIPER/HEIGHT	QUANTITY
 Shademaster Honeylocust (Gleditsia triacanthos var. inermis 'Shademaster')	3" Caliper, measured 6" above the ground	17
 Winter Gem Boxwood (Buxus microphylla var. japonica)	30" Minimum height at time of planting	27
 Fireball Dwarf Burning Bush, (or equal) (Euonymus alatus 'Compactus')	30" Minimum height at time of planting	18

- NOTES:
- Open areas not covered with other landscaping materials shall be covered with sod.
 - All trees/shrubs are shown graphically, not numerically.
 - A 3 foot tall berm may be substituted for screening shrubs.
 - Trees shall be located a minimum distance of 5 feet from the sanitary and water lines as measured from the outside of the mature tree trunk to the outside of the pipe.
 - The trees and shrubs shown are for graphical purposes and does not represent the actual count required per the worksheet.
 - Evergreen shrubs used to screen mechanical equipment shall be equal height as the mechanical units at the time of planting. All Landscaping to meet Article 14 of the UDO.

FINAL DEVELOPMENT PLANS
LANDSCAPE PLAN
OUR LADY OF THE PRESENTATION
PARKING LOT EXPANSION
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

X-REF NO. 23-042 Base
DRAWING NO. 23-042 FDPs
DATE June 30, 2023
JOB NO. 23-042

gconsult inc engineers planners
1533 Locust Street, Kansas City, Missouri 64108
CORPORATE LICENSE NO. E201000573 (MO.) / E-1736 (KS.) / LS 2019005467

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
RICHARD K. STERRETT
No. 26956
EXPIRES 2026
JULY 28, 2023

DATE	REVISION	NO.	BY	CORP.
07/28/23	PER CITY'S COMMENTS	1	SPW	RKS
06/29/23	SUBMITTED TO CITY OF LEE'S SUMMIT		SPW	RKS
IF THIS IS NOT A BLUE INK SEAL AND THE SIGNATURE IN BLUE INK, THE PLAN IS A COPY AND MAY CONTAIN UNAUTHORIZED ALTERATIONS. THE CERTIFICATION CONTAINED ON THIS DOCUMENT SHALL NOT APPLY TO ANY COPIES				

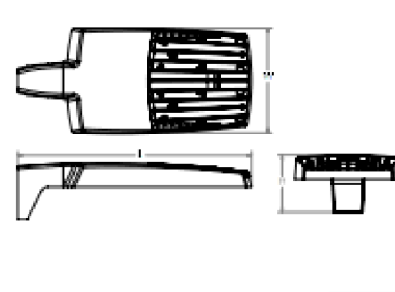


RSX2 LED Area Luminaire



Specifications

Area (A): 0.69 ft² (0.06 m²)
Length: 24" (7.4 cm)
Width: 12" (4.0 cm)
Height: 3.0" (7.5 cm) Max. Body
2.2" (5.6 cm) Min. Body
Weight: 3.60 lbs (1.3 kg)



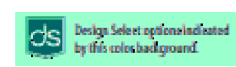
Introduction

The new RSX2 LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W HID luminaires.

The RSX2 features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing ceiling patterns. The "no-drill" solution provides significant labor savings. An easy access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mass pin adapter, adjustable integral adjuster and other mounting configurations are available.



Personalized design background quality for the design select program and design select services. To learn more about Design Select, visit www.designselect.com.



EXAMPLE: RSX2 LED P4-40K R3 MVOLT SPA DBX50

RSX2 LED	SPACING	SPACING	SPACING	SPACING	SPACING
RSX2 LED	P4	40K	R3	MVOLT	SPA DBX50
RSX2 LED	P4	40K	R3	MVOLT	SPA DBX50
RSX2 LED	P4	40K	R3	MVOLT	SPA DBX50
RSX2 LED	P4	40K	R3	MVOLT	SPA DBX50
RSX2 LED	P4	40K	R3	MVOLT	SPA DBX50
RSX2 LED	P4	40K	R3	MVOLT	SPA DBX50
RSX2 LED	P4	40K	R3	MVOLT	SPA DBX50
RSX2 LED	P4	40K	R3	MVOLT	SPA DBX50
RSX2 LED	P4	40K	R3	MVOLT	SPA DBX50

Shipping	Shipping	Shipping	Shipping	Shipping	Shipping
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Shipping	Shipping	Shipping	Shipping	Shipping	Shipping
Shipping	Shipping	Shipping	Shipping	Shipping	Shipping
Shipping	Shipping	Shipping	Shipping	Shipping	Shipping

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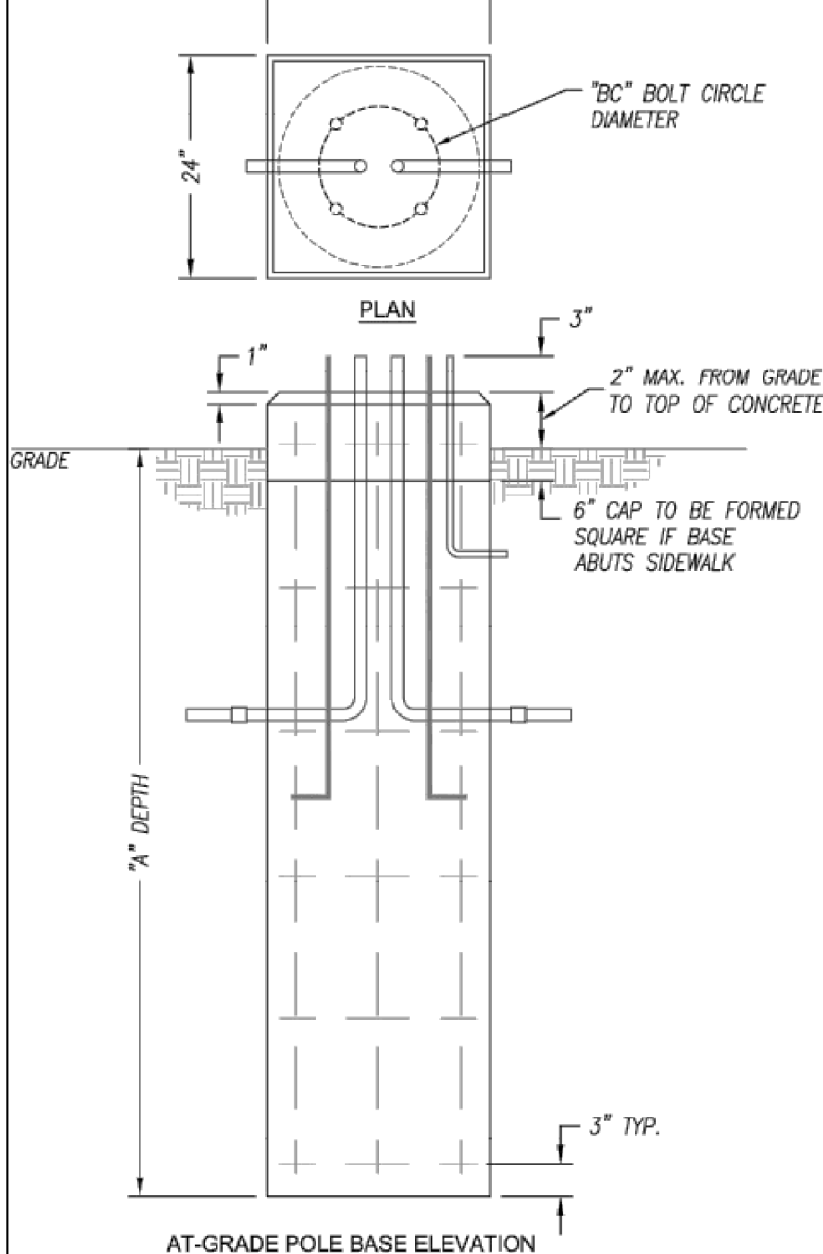
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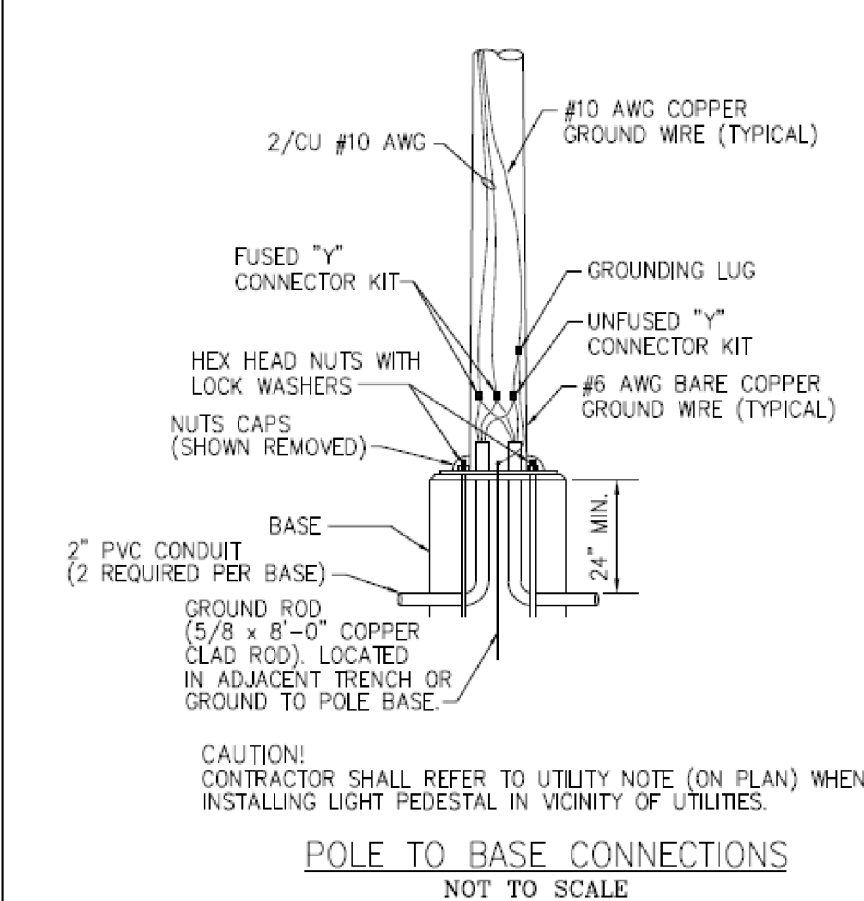
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POLE BASE DETAIL

CONFIRM "A" DIMENSION WITH POLE MANUFACTURER



POLE-TO-BASE CONNECTION DETAIL



CAUTION: CONTRACTOR SHALL REFER TO UTILITY NOTE (ON PLAN) WHEN INSTALLING LIGHT PEDESTAL IN VICINITY OF UTILITIES.

POLE TO BASE CONNECTIONS NOT TO SCALE

SPECIFICATIONS

- ALL CONDUCTORS SHALL BE THHN COPPER ABOVE GRADE, XHHW-2 BELOW GRADE, MINIMUM #12.
- ALL WIRING EXPOSED TO WEATHER OR BELOW GRADE SHALL BE IN RIGID GALVANIZED CONDUIT OR SCH. 40 PVC.
- ALL OTHER WIRING SHALL BE IN EMT, SCH. 40 PVC OR MC CABLE, UNLESS PROTECTED AND ENCLOSED WITHIN BUILDING MATERIALS, IN WHICH CASE TYPE NM CABLE MAY BE USED.
- THE ENTIRE SYSTEM SHALL BE ELECTRICALLY CONTINUOUS AND PROPERLY GROUNDED. EVERY FEEDER AND BRANCH CONDUIT SHALL HAVE CODE SIZED GREEN INSULATED GROUND CONDUCTOR.
- "MH" = MOUNTING HEIGHT (IN FEET)

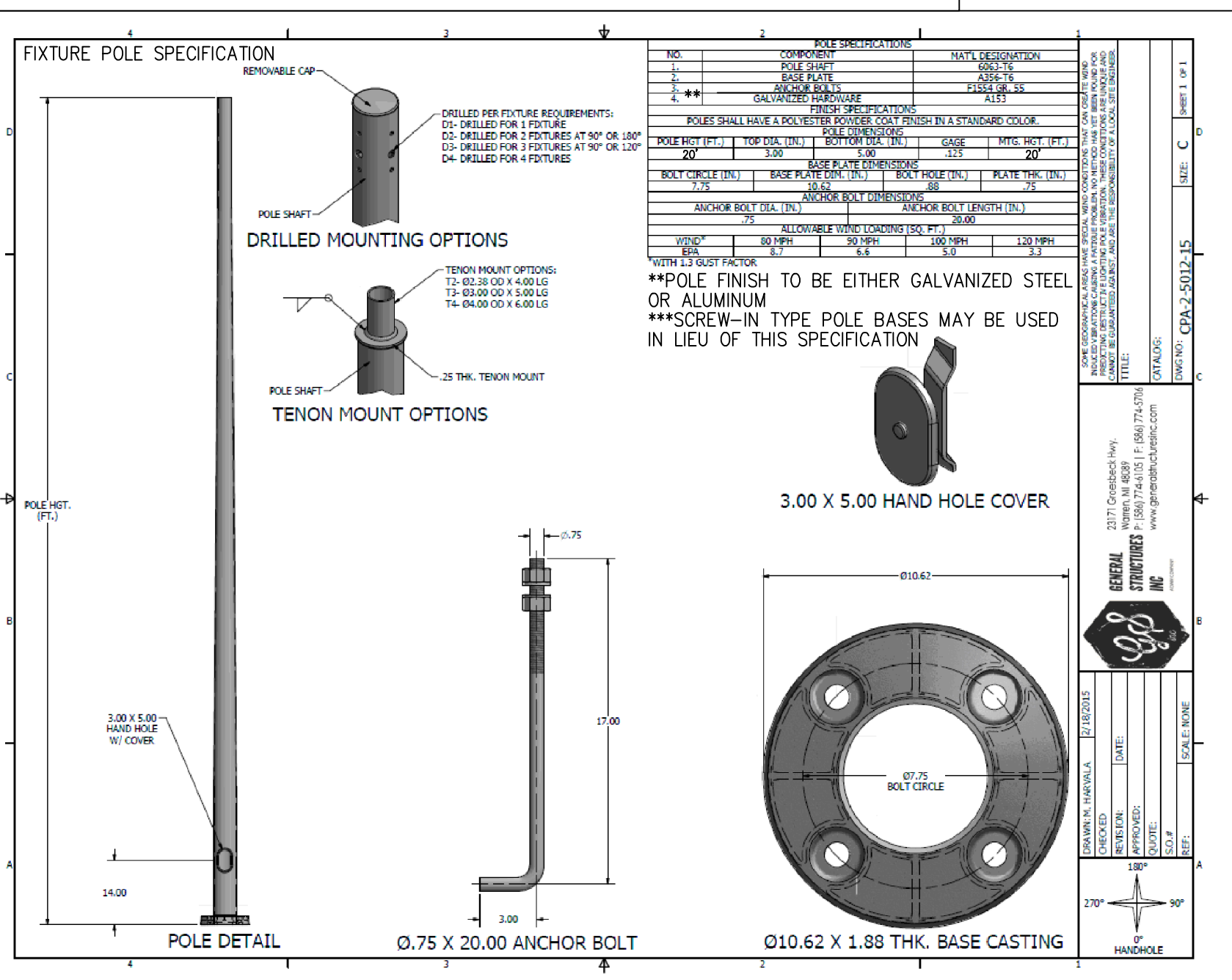
SYMBOLS LEGEND

NOTE: THIS IS A MASTER LEGEND AND NOT ALL SYMBOLS, ETC., ARE NECESSARILY USED ON THE DRAWINGS.

- SITE LIGHTING FIXTURE WITH HOUSE SIDE SHIELD, MOUNT AT 15'-0", BASIS OF DESIGN: LITHONIA RSX2.

GENERAL NOTE

- ALL WORK SHALL COMPLY WITH THE LEE'S SUMMIT, MO UNIFIED DEVELOPMENT ORDINANCE ARTICLE 8 SUBDIVISION 5. - LIGHTING STANDARDS.
- ALL ELECTRICAL/CONDUIT STREET CROSSINGS NEED TO BE BACKFILLED WITH AB-3 OR FLOWABLE FILL IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.



LIGHT FIXTURE SPECS

SCALE: NONE

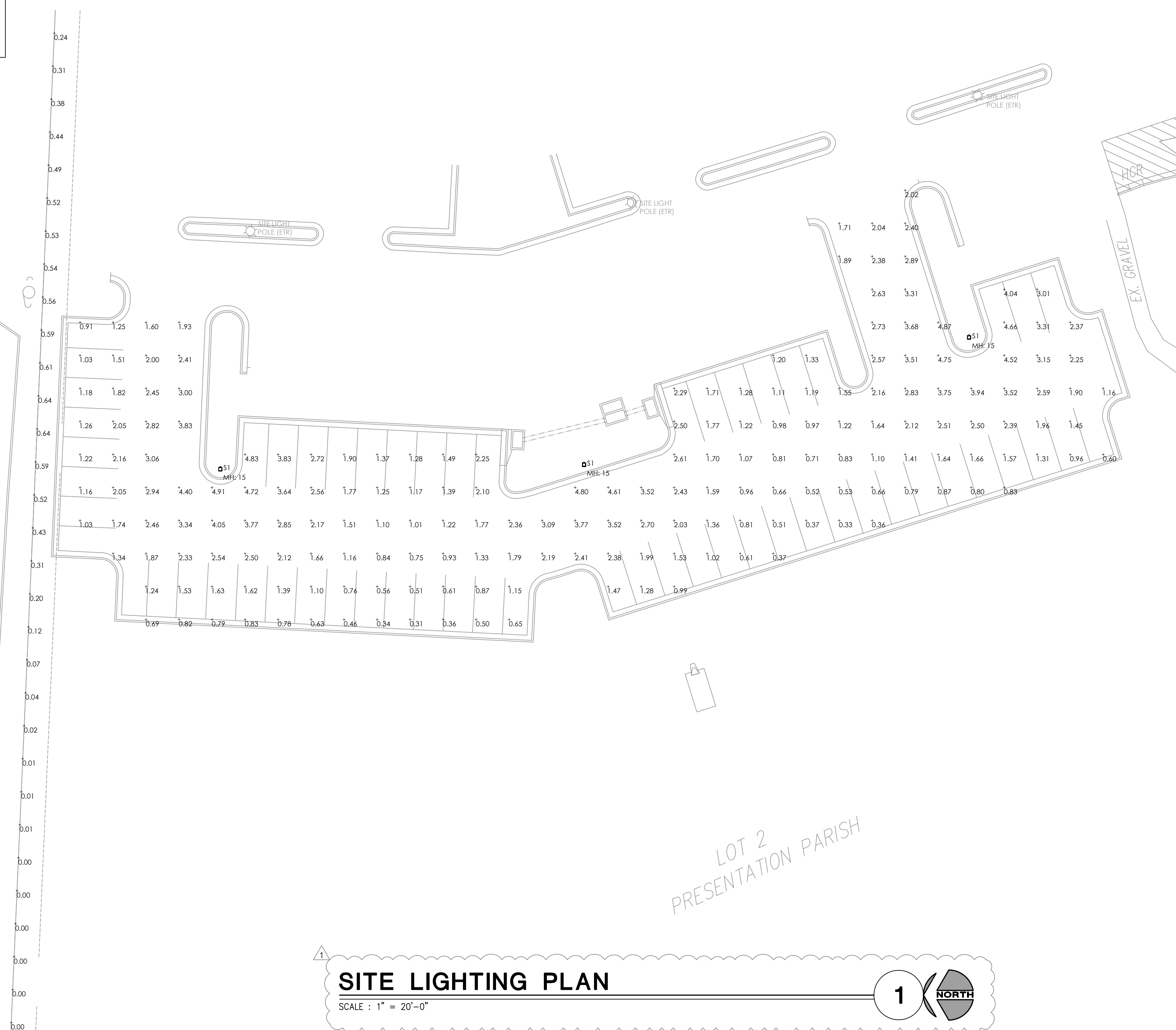
Luminaire Schedule	Description	LLF	Luminaire Lumens	Luminaire Watts
S1	RSX2 LED P4 30K R5	0.800	23368	189.54

Calculation Summary	Units	Avg	Max	Min	Max/Min
Parking Lot	Fc	1.90	4.91	0.31	15.84
Property Line	Fc	0.18	0.64	0.00	N/A.

SCHEDULES

SCALE: NONE

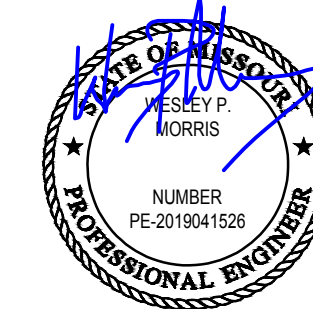
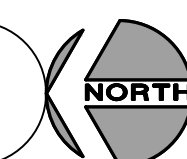
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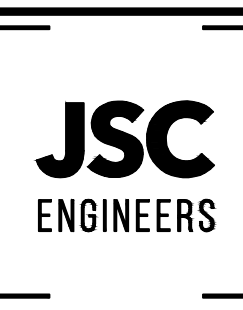
SITE LIGHTING PLAN

SCALE : 1" = 20'-0"

1



ENGINEER:



MO COA NO. 2012000766 / KS COA NO. E-2818
1926 CENTRAL ST. STE 201
KANSAS CITY, MO 64108
phone: (816) 272-6289
email: jamothers@jscengineers.com

Site Lighting Plan for:

OLPC PARKING LOT EXPANSION

LEE'S SUMMIT - JACKSON COUNTY - MISSOURI

DATE ISSUED:
06.26.2023

REVISIONS:
1. PLANCHHECK - 07.25.2023

PROJECT NUMBER
JSC 23-121

SITE
PHOTOMETRIC
PLAN
ES-1

SHEET NUMBER