



University of Kentucky[®]

Procurement Services

REQUEST FOR PROPOSALS
UK-2563.0-2-24
CTC - Thermal Utility Tunnel Design Build
ADDENDUM #2
06/14/2024

ATTENTION: This is not an order. Read all instructions, terms, and conditions carefully.

IMPORTANT: RFP AND ADDENDUM MUST BE RECEIVED BY: 07/10/2024 @ 3:00 P.M. LEXINGTON, KY TIME

Offeror must acknowledge receipt of this and any addendum as stated in the Request for Proposal.

ITEM #1: MODIFICATIONS TO THE ORIGINAL BID DOCUMENTS & QUESTIONS AND ANSWERS

- Please refer to the enclosed documents, and written questions and responses, when preparing your proposals.

ITEM #2: NOTICE TO BIDDERS

- The proposal “Due Date” has been extended to 07/10/2024. The time and location for proposal submission remains the same.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

SIGNATURE

Ken Scott _____

06/14/2024

Ken Scott, Purchasing Officer

Typed or Printed Name

Addendum #01

Client	University of Kentucky Healthcare	Date	06/12/2024
Project	CTC - Thermal Utility Tunnel Design Build	UK Project #	2563.0-2-24

This addendum provides information to clarify or adjust construction items which may affect any or all trade contractors. The original documents for the referenced project are amended as noted in this addendum and made part of said documents and shall govern the work covered by the Form of Proposal. All work to be in strict accordance with the terms, stipulations and conditions of contract documents.

CLARIFICATION:

This addendum is in response to Bidder Inquiries. Supplemental Documents are attached for further Reference.

SUMMARY OF ATTACHMENTS

PART A - DRAWINGS:

UK Cancer Treatment Center Bid Package 2 with all bid addendum provided for bidder reference related to site utility coordination west of Limestone Street.

PART B - SPECIFICATIONS:

Geotechnical Letter Provided expanding on Borings at tunnel locations
Preliminary Site Logistics Plans for Tunnel work

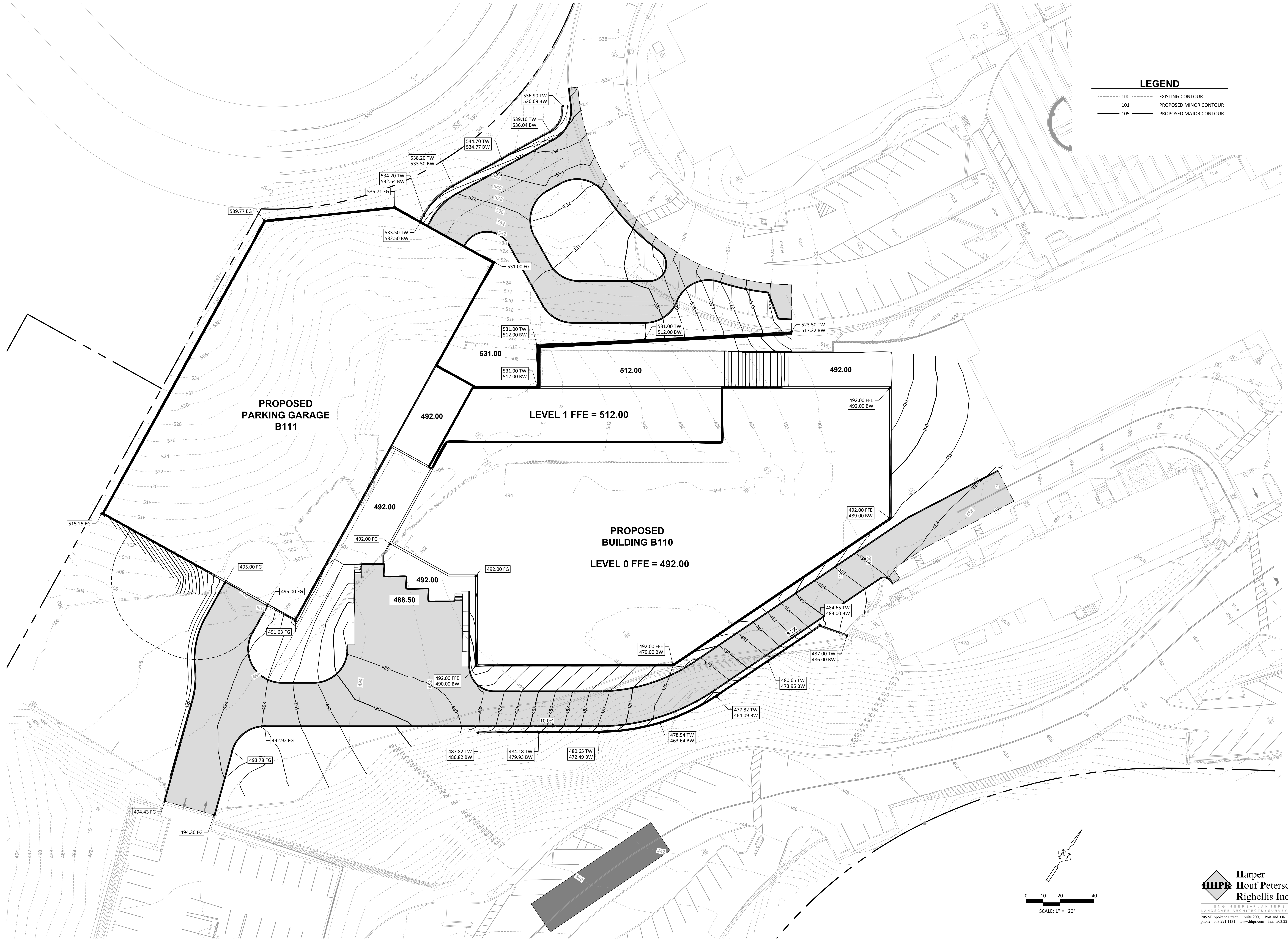
PART C – RESPONSES TO BIDDER QUESTIONS:

See design team responses to bidder question on CCK-2563.0-2-24 Tunnel RFP QR Log.

End of Addendum

LEGEND

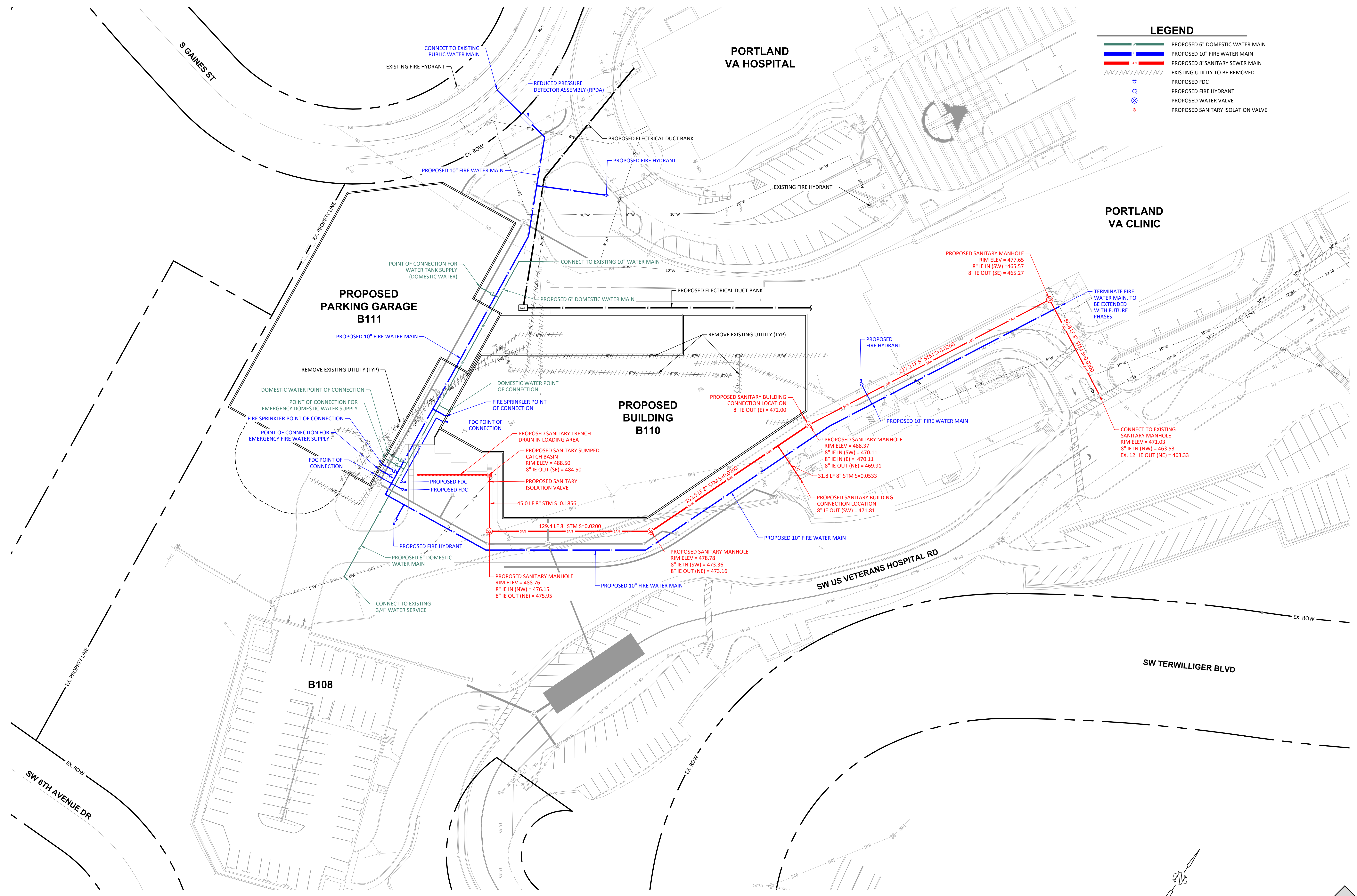
- 100 EXISTING CONTOUR
- 101 PROPOSED MINOR CONTOUR
- 105 PROPOSED MAJOR CONTOUR



**PROPOSED
PARKING GARAGE
B111**

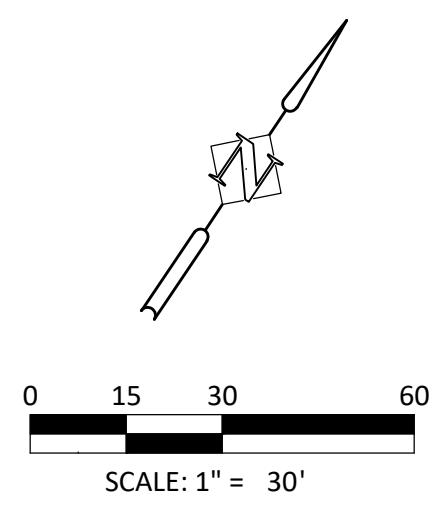
LEVEL 1 FFE = 512.00

**PROPOSED
BUILDING B110
LEVEL 0 FFE = 492.00**



LEGEND

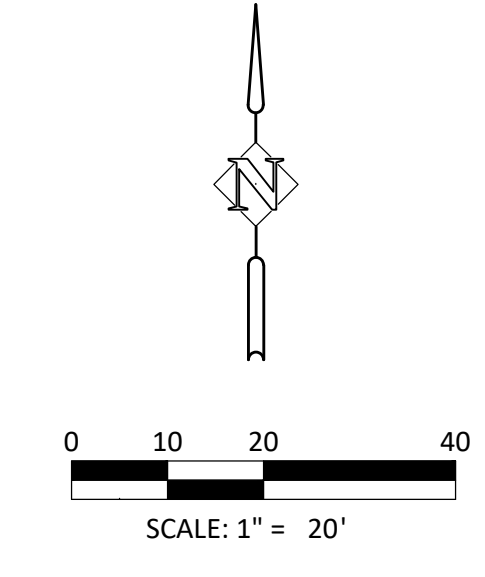
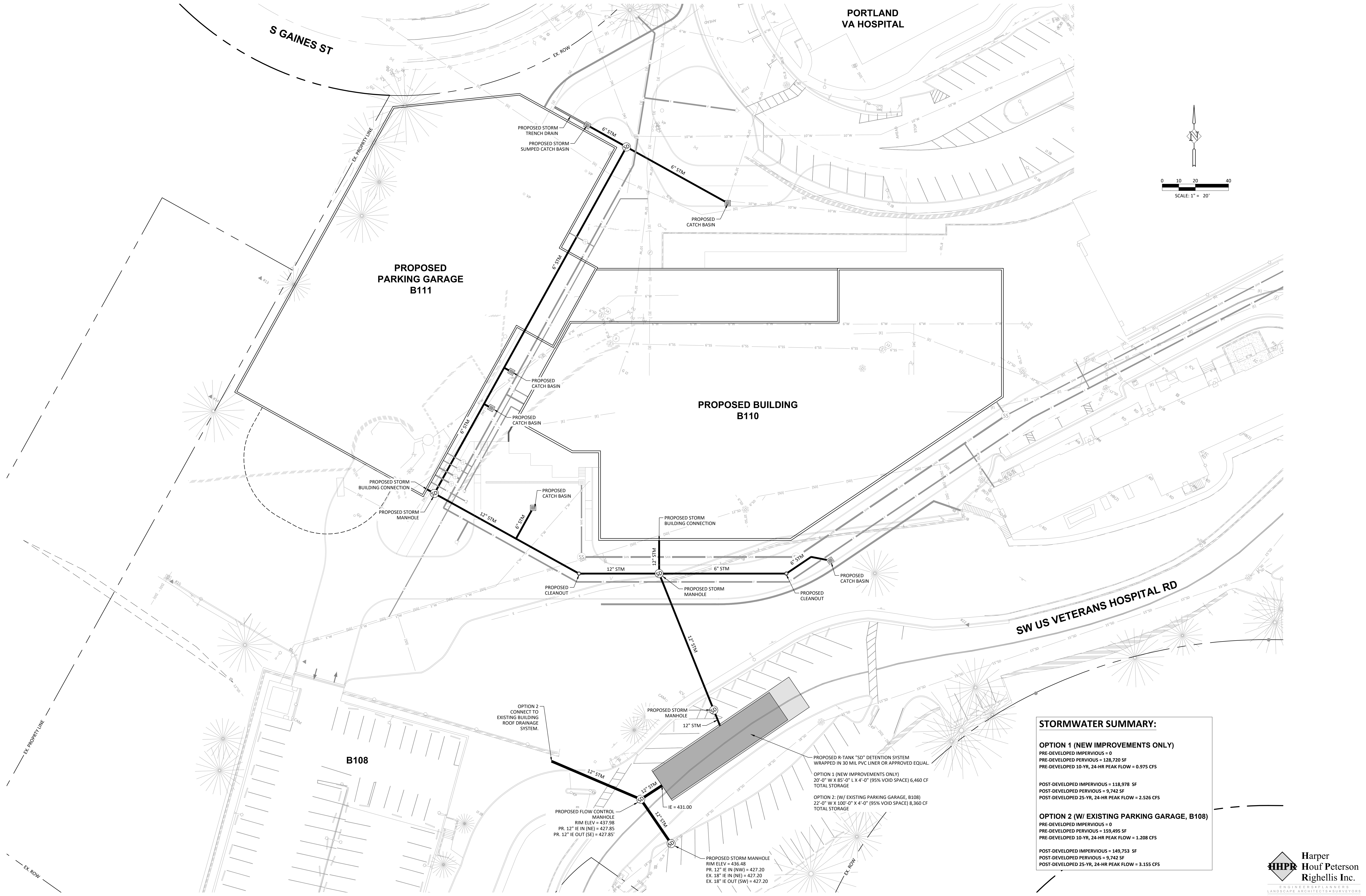
- PROPOSED 6" DOMESTIC WATER MAIN
- PROPOSED 10" FIRE WATER MAIN
- PROPOSED 8" SANITARY SEWER MAIN
- - - EXISTING UTILITY TO BE REMOVED
- + PROPOSED FDC
- ⊗ PROPOSED FIRE HYDRANT
- ⊗ PROPOSED WATER VALVE
- ⊗ PROPOSED SANITARY ISOLATION VALVE



Harper Houf Peterson Righellis Inc.
 ENGINEERS • PLANNERS
 LANDSCAPE ARCHITECTS • SURVEYORS
 205 SE Spokane Street, Suite 200, Portland, OR 97202
 phone: 503.221.1131 www.hhrp.com fax: 503.221.1171

WALSH CANNONDESIGN
 SITE UTILITY PLAN C0200

Pricing Documents
 04/12/24



STORMWATER SUMMARY:

OPTION 1 (NEW IMPROVEMENTS ONLY)
PRE-DEVELOPED IMPERVIOUS = 0
PRE-DEVELOPED PERVIOUS = 128,720 SF
PRE-DEVELOPED 10-YR, 24-HR PEAK FLOW = 0.975 CFS
POST-DEVELOPED IMPERVIOUS = 118,978 SF
POST-DEVELOPED PERVIOUS = 9,742 SF
POST-DEVELOPED 25-YR, 24-HR PEAK FLOW = 2.526 CFS
OPTION 2 (W/ EXISTING PARKING GARAGE, B108)
PRE-DEVELOPED IMPERVIOUS = 0
PRE-DEVELOPED PERVIOUS = 159,495 SF
PRE-DEVELOPED 10-YR, 24-HR PEAK FLOW = 1.208 CFS
POST-DEVELOPED IMPERVIOUS = 149,753 SF
POST-DEVELOPED PERVIOUS = 9,742 SF
POST-DEVELOPED 25-YR, 24-HR PEAK FLOW = 3.155 CFS

OPTION 2
CONNECT TO
EXISTING BUILDING
ROOF DRAINAGE
SYSTEM.

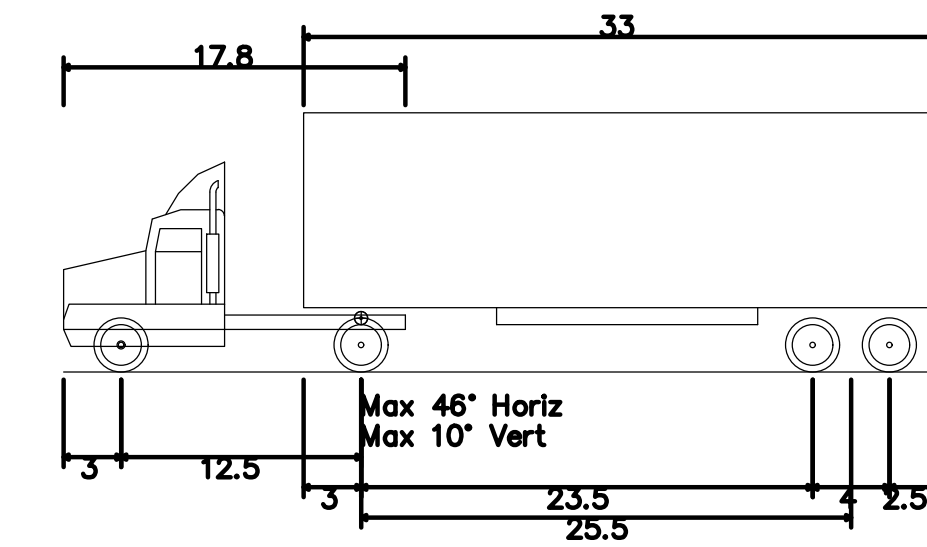
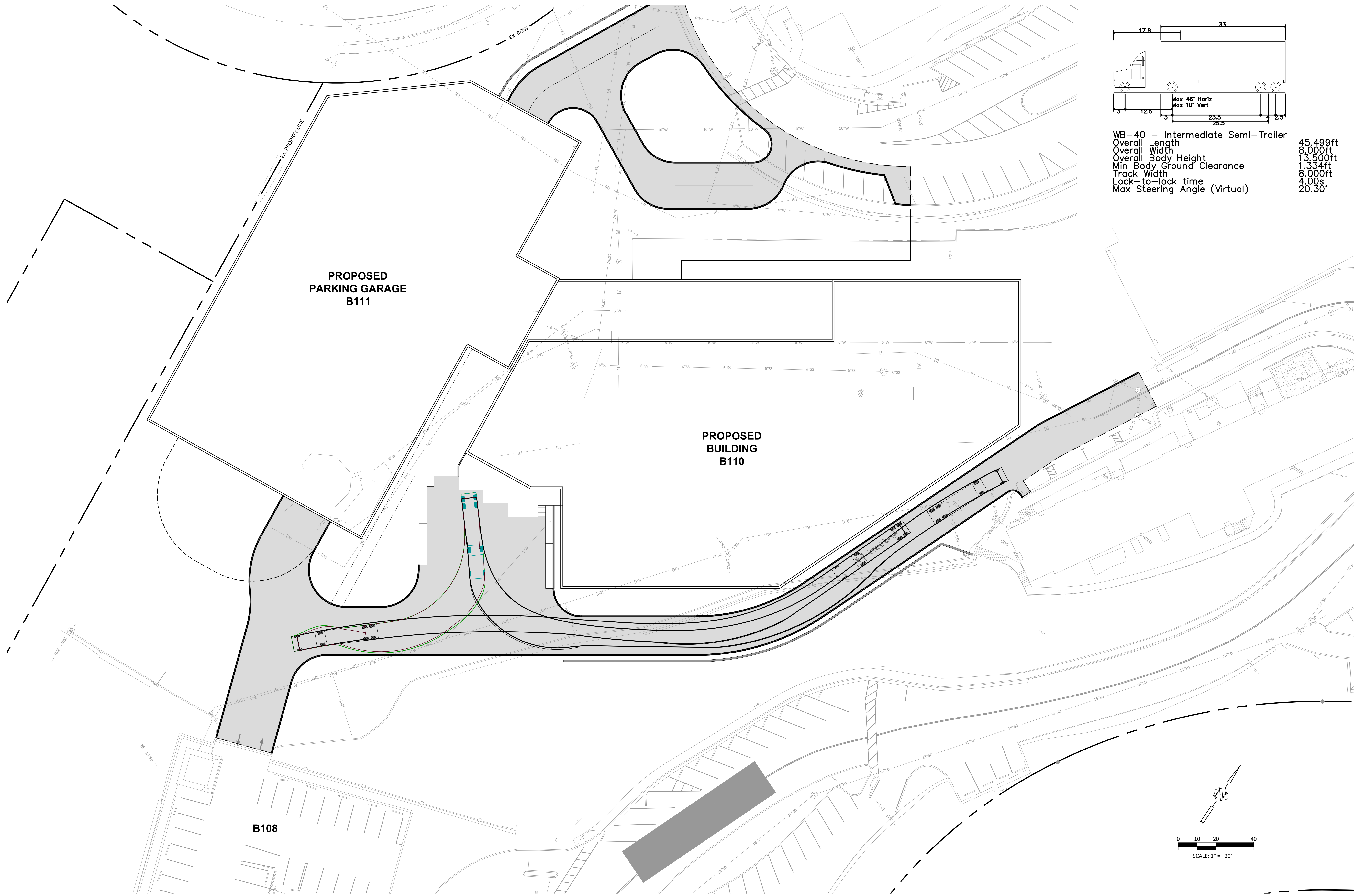
PROPOSED R-TANK "SD" DETENTION SYSTEM
WRAPPED IN 30 MIL PVC LINER OR APPROVED EQUAL.

OPTION 1 (NEW IMPROVEMENTS ONLY)
20'-0" W X 85'-0" L X 4'-0" (95% VOID SPACE) 6,460 CF
TOTAL STORAGE

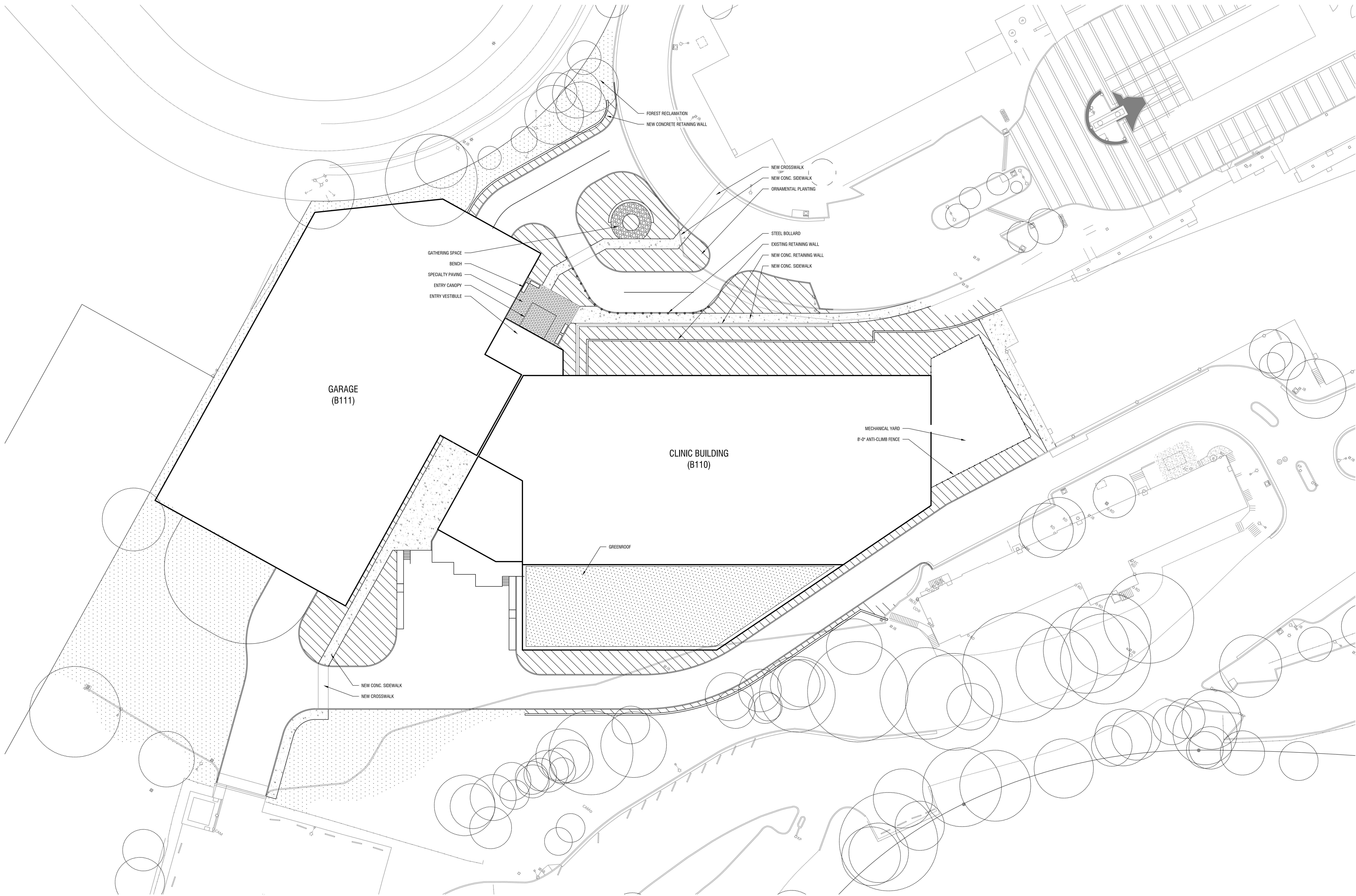
OPTION 2: (W/ EXISTING PARKING GARAGE, B108)
22'-0" W X 100'-0" L X 4'-0" (95% VOID SPACE) 8,360 CF
TOTAL STORAGE

PROPOSED FLOW CONTROL
MANHOLE
RIM ELEV = 437.98
PR. 12" IE IN (NE) = 427.85
PR. 12" IE OUT (SE) = 427.85'

PROPOSED STORM MANHOLE
RIM ELEV = 436.48
PR. 12" IE IN (NW) = 427.20
EX. 18" IE IN (NE) = 427.20
EX. 18" IE OUT (SW) = 427.20



WB-40 – Intermediate Semi-Trailer
 Overall Length 45.499ft
 Overall Width 8.000ft
 Overall Body Height 13.500ft
 Min Body Ground Clearance 1.334ft
 Track Width 8.000ft
 Lock-to-lock time 4.00s
 Max Steering Angle (Virtual) 20.30°



GATHERING SPACE
 BENCH
 SPECIALTY PAVING
 ENTRY CANOPY
 ENTRY VESTIBULE

FOREST RECLAMATION
 NEW CONCRETE RETAINING WALL

NEW CROSSWALK
 NEW CONC. SIDEWALK
 ORNAMENTAL PLANTING

STEEL BOLLARD
 EXISTING RETAINING WALL
 NEW CONC. RETAINING WALL
 NEW CONC. SIDEWALK

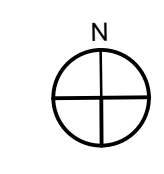
MECHANICAL YARD
 8'-0" ANTI-CLIMB FENCE

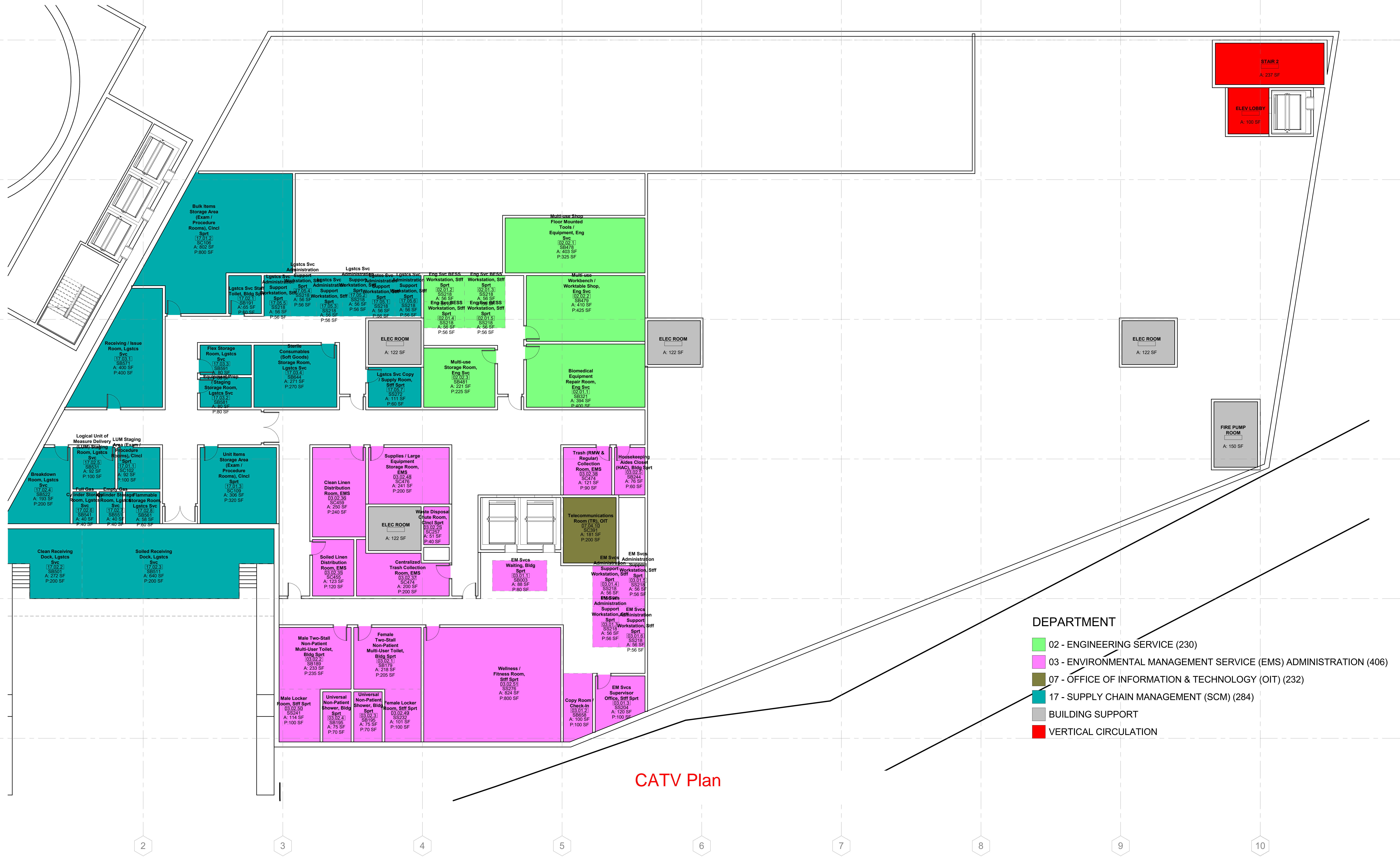
GREENROOF

GARAGE
 (B111)

CLINIC BUILDING
 (B110)

NEW CONC. SIDEWALK
 NEW CROSSWALK





- DEPARTMENT**
- 02 - ENGINEERING SERVICE (230)
 - 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 17 - SUPPLY CHAIN MANAGEMENT (SCM) (284)
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

CATV Plan

1 GROUND LEVEL
1/8" = 1'-0"

CATV PRICING PLANS
04-12-2024
FAITH GROUP



GROUND LEVEL FLOOR PLAN AC0100



- FUNCTIONAL AREA**
- 01 - LOBBY AREA
 - 01 - OPHTHALMOLOGY SERVICE RECEPTION AREA
 - 02 - OPHTHALMOLOGY SERVICE PATIENT AREA
 - 02 - SUPPORT AREA
 - 03 - OPHTHALMOLOGY SERVICE SUPPORT AREA
 - 04 - OPHTHALMOLOGY SERVICE STAFF AND ADMINISTRATIVE AREA
 - 04 - TELECOMMUNICATIONS SUPPORT AREA
 - 05 - OPHTHALMOLOGY SERVICE EDUCATION AREA
 - 07 - OPTOMETRY SERVICE PATIENT AREA
 - 08 - OPTOMETRY SERVICE SUPPORT AREA
 - 09 - OPTOMETRY SERVICE STAFF AND ADMINISTRATIVE AREA
 - 10 - OPTOMETRY SERVICE EDUCATION AREA
 - 11 - OPTICAL FITTING AREA
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

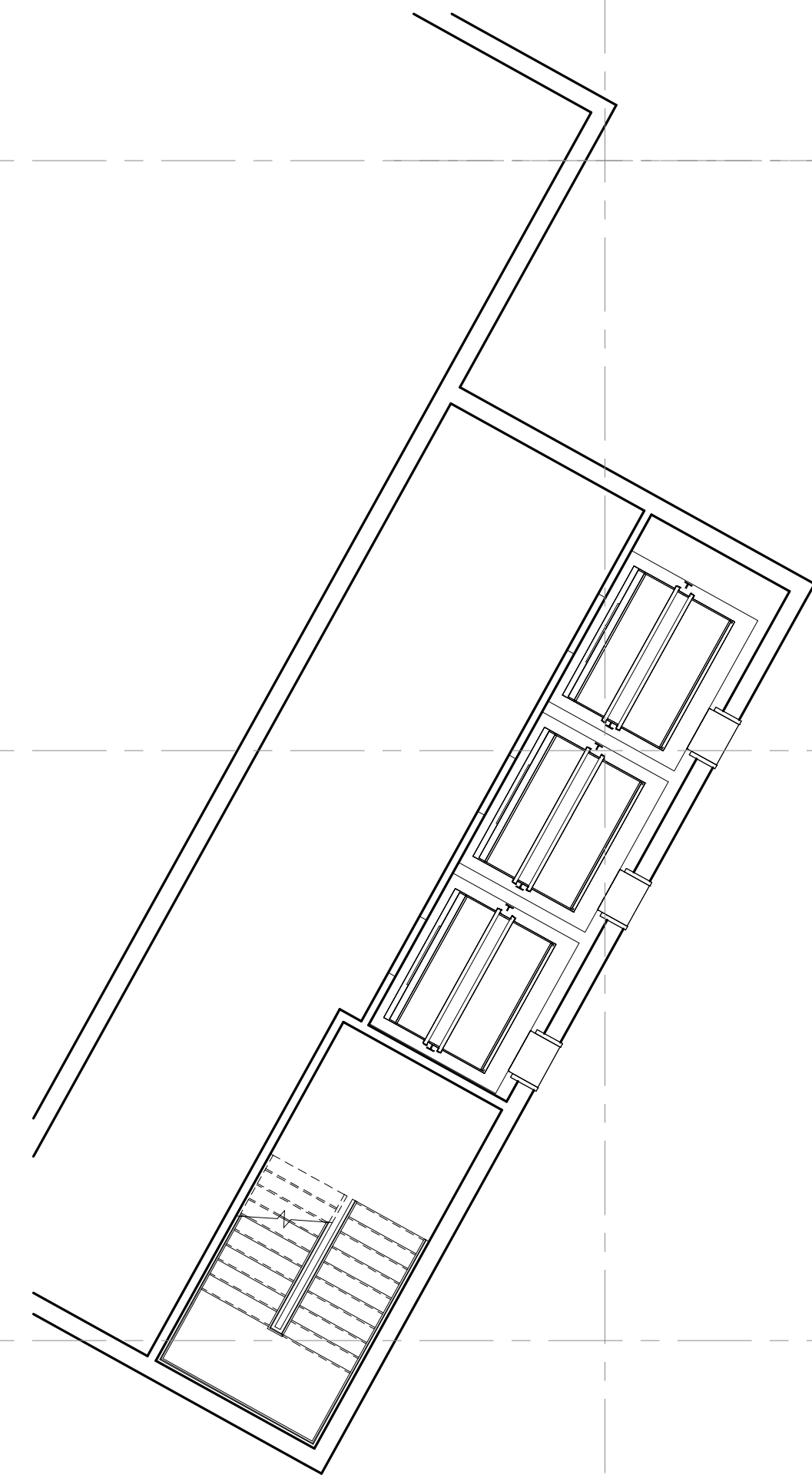
CATV Plan

CATV PRICING PLANS
04-12-2024
FAITH GROUP

CATV PRICING PLANS
04-12-2024
FAITH GROUP



CATV Plan



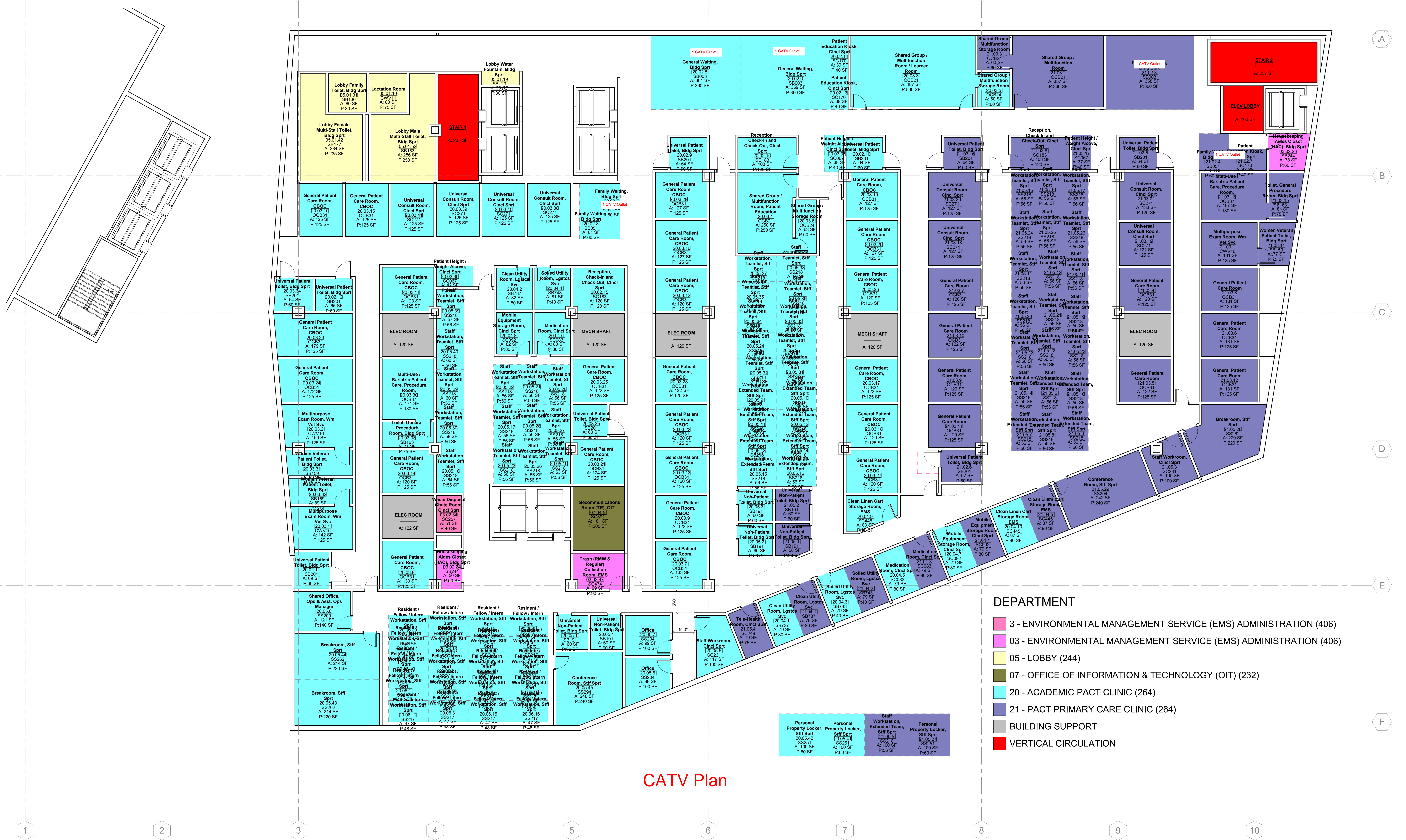
DEPARTMENT

- 3 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
- 05 - LOBBY (244)
- 06 - MENTAL HEALTH CLINIC (260)
- 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
- BUILDING SUPPORT
- VERTICAL CIRCULATION

CATV Plan

1 LEVEL 03
1/8" = 1'-0"

CATV PRICING PLANS
04-12-2024
FAITH GROUP



CATV Plan

- DEPARTMENT**
- 3 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 20 - ACADEMIC PACT CLINIC (264)
 - 21 - PACT PRIMARY CARE CLINIC (264)
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

1 LEVEL 04
1/8" = 1'-0"

CATV PRICING PLANS
04-12-2024
FAITH GROUP

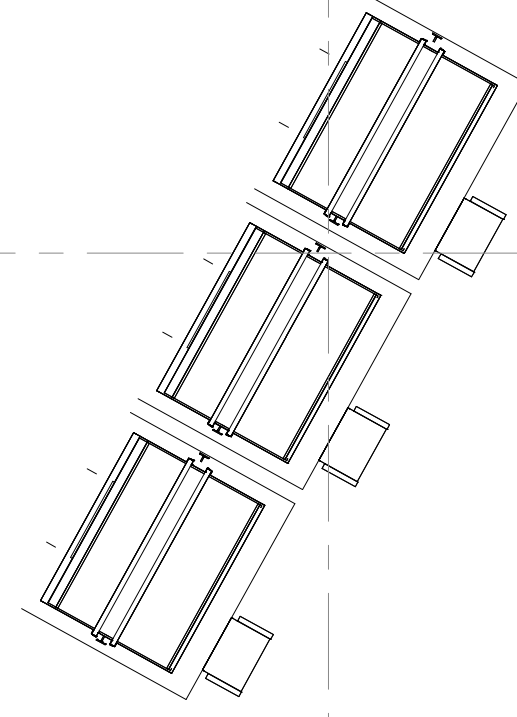


- DEPARTMENT**
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 16 - SPECIALTY CARE 4 (3 MODULES) - RHEUM, HAND, ORTHO, NEURO, CARDIO
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

CATV Plan

1 LEVEL 05
1/8" = 1'-0"

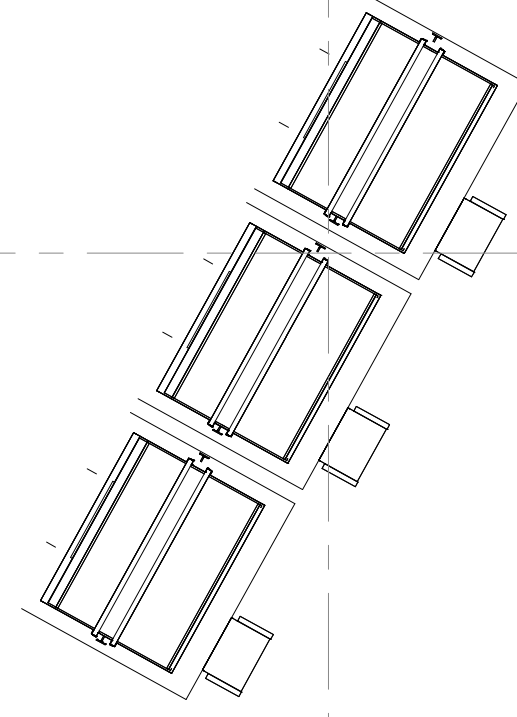
CATV PRICING PLANS
04-12-2024
FAITH GROUP



- DEPARTMENT**
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 15 - SPECIALTY CARE 3 (3 MODULES) - HEM/ONC, PULM, ENT, NEUROSURGERY, THORACIC, UROLOGY
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

CATV Plan

CATV PRICING PLANS
 04-12-2024
 FAITH GROUP



- DEPARTMENT**
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 15 - SPECIALTY CARE 3 (3 MODULES) - HEM/ONC, PULM, ENT, NEUROSURGERY, THORACIC, URO
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

CATV Plan

1 LEVEL 06
1/8" = 1'-0"

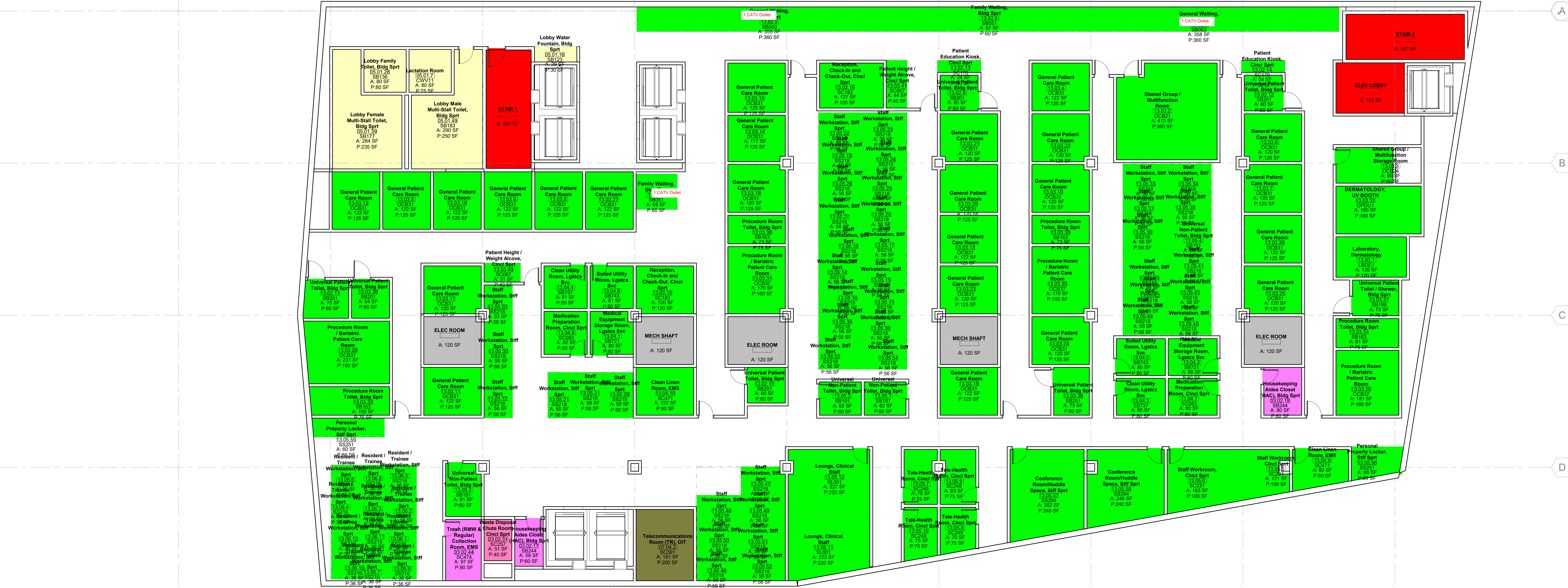
CATV PRICING PLANS
04-12-2024
FAITH GROUP



CATV Plan

- DEPARTMENT**
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 14 - SPECIALTY CARE 2 (2 MODULES) - GI, WOUND, ENDOCRINE, ID, NEPH, HEP, PLASTICS, POD
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

CATV PRICING PLANS
04-12-2024
FAITH GROUP



CATV Plan

- DEPARTMENT**
- ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 13 - SPECIALTY CARE 1 (2 MODULES) - DERM, GENSURG, ANESTHESIA & PRE-PROCEDURE, PAIN
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

1 LEVEL 08
1/8" = 1'-0"

CATV PRICING PLANS
04-12-2024
FAITH GROUP



NO NURSE CALL THIS FLOOR

- DEPARTMENT**
- 02 - ENGINEERING SERVICE (230)
 - 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 17 - SUPPLY CHAIN MANAGEMENT (SCM) (284)
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

1 GROUND LEVEL
1/8" = 1'-0"

NURSE CALL PRICING PLANS
04-12-2024
FAITH GROUP



- FUNCTIONAL AREA**
- 01 - LOBBY AREA
 - 01 - OPHTHALMOLOGY SERVICE RECEPTION AREA
 - 02 - OPHTHALMOLOGY SERVICE PATIENT AREA

Nurse Call General Notes

Nurse call system shall be Responder 5 system.

Zone lights aren't shown, provide zone lights at all corridor intersections.

- IT - OPTICAL FITTING AREA
- BUILDING SUPPORT
- VERTICAL CIRCULATION

- ORT AREA
- F AND ADMINISTRATIVE AREA
- AREA
- ATION AREA
- REA
- AREA
- ADMINISTRATIVE AREA
- AREA

LEVEL 01
1/8" = 1'-0"

Portland VA - SCB & Parking Garage

NURSE CALL PRICING PLANS
04-12-2024
FAITH GROUP

NURSE CALL PRICING PLANS
04-12-2024
FAITH GROUP



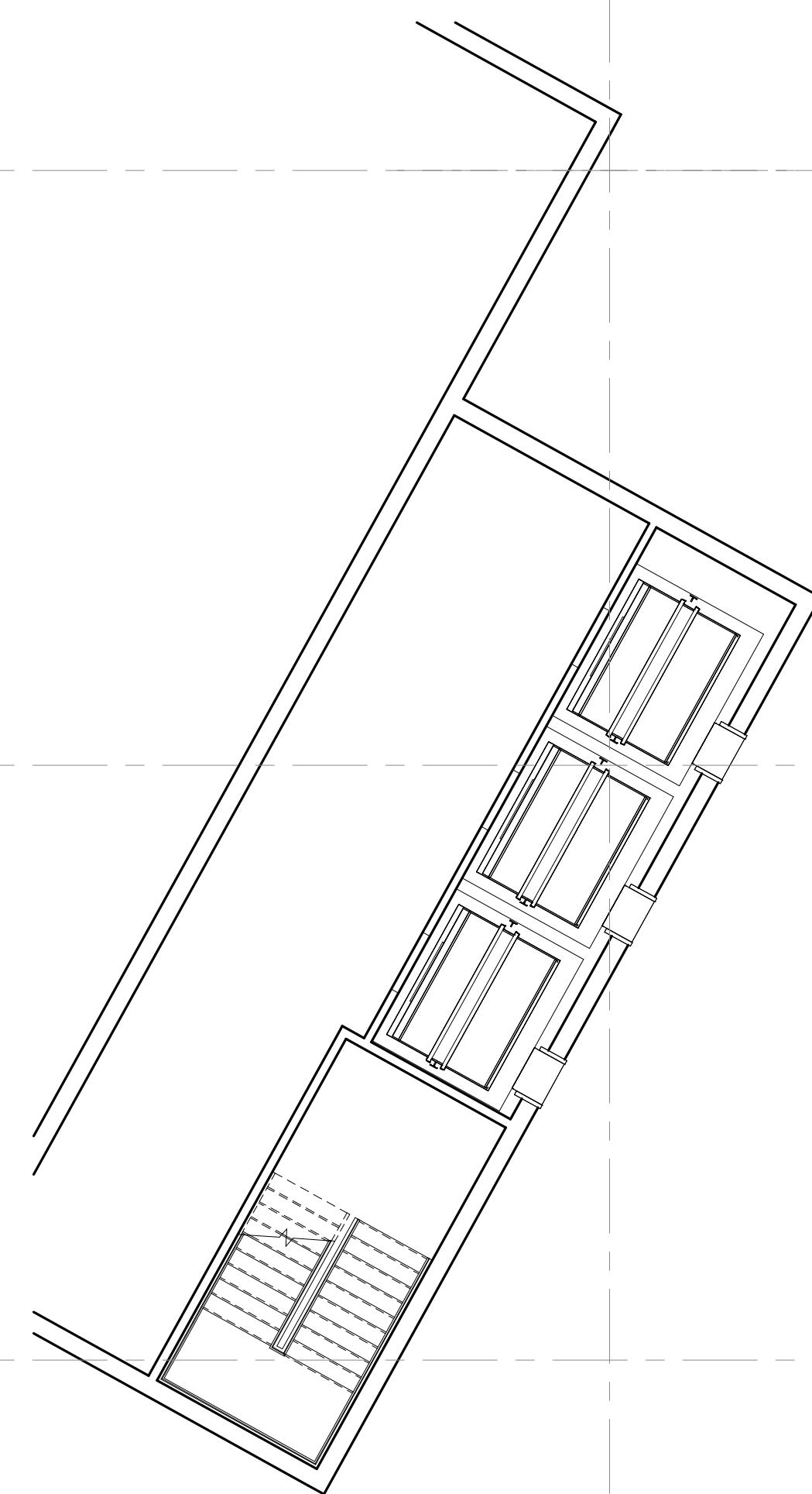
DEPARTMENT
Nurse Call General Notes

Nurse call system shall be Responder 5 system.

Zone lights aren't shown, provide zone lights at all corridor intersections.

- 12 - POLICE SERVICE (279)
- 18 - TRANSITION CARE MANAGEMENT (TCM) (282)
- 19 - VETERANS CANTEN SERVICE (VCS) (206)
- BUILDING SUPPORT
- VERTICAL CIRCULATION

- (S) ADMINISTRATION (406)
- T) (232)
- RVICE (240)



DEPARTMENT

- 3 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)

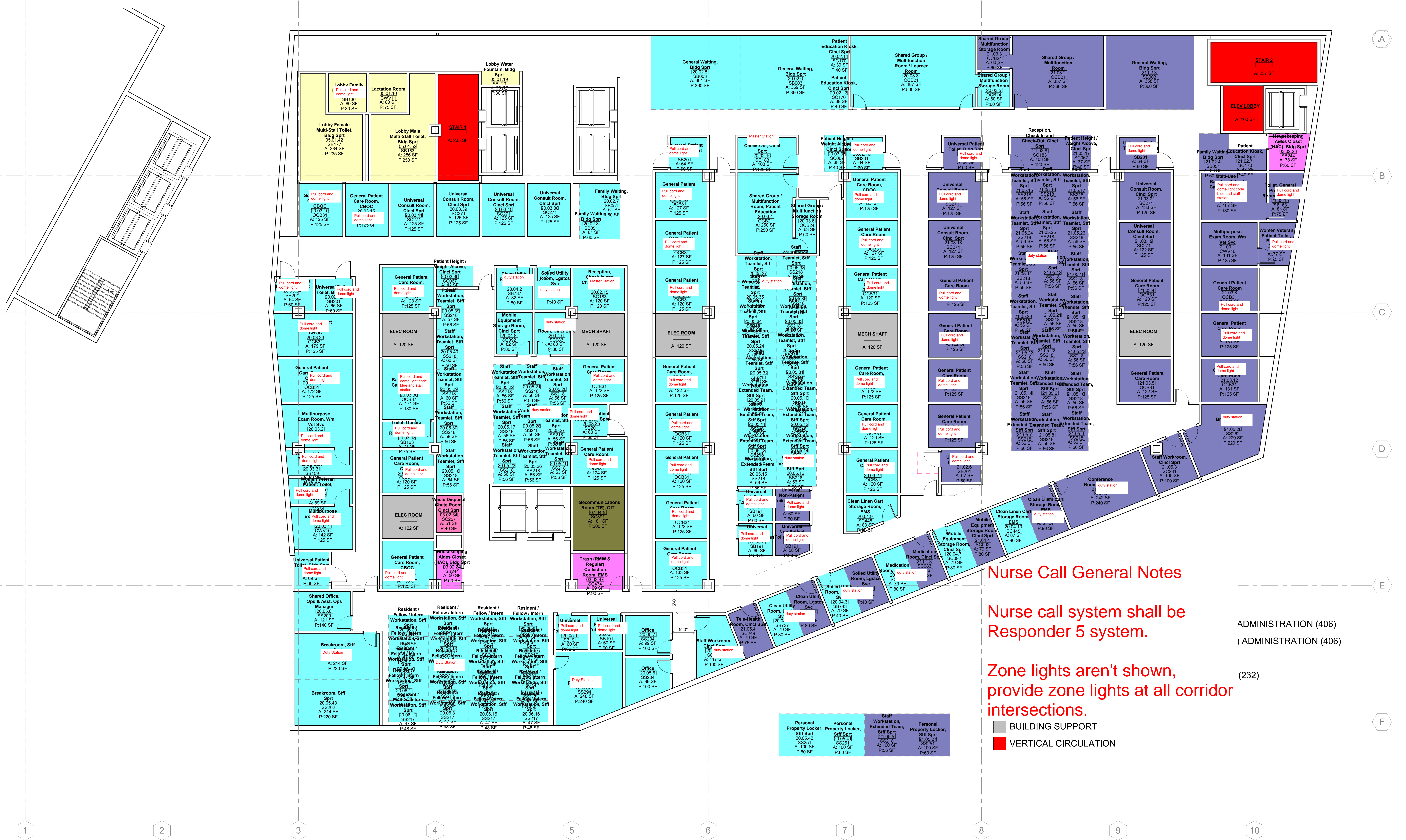
Nurse Call General Notes

Nurse call system shall be Responder 5 system.

Zone lights aren't shown, provide zone lights at all corridor intersections.

1 LEVEL 03
1/8" = 1'-0"

NURSE CALL PRICING PLANS
04-12-2024
FAITH GROUP



Nurse Call General Notes

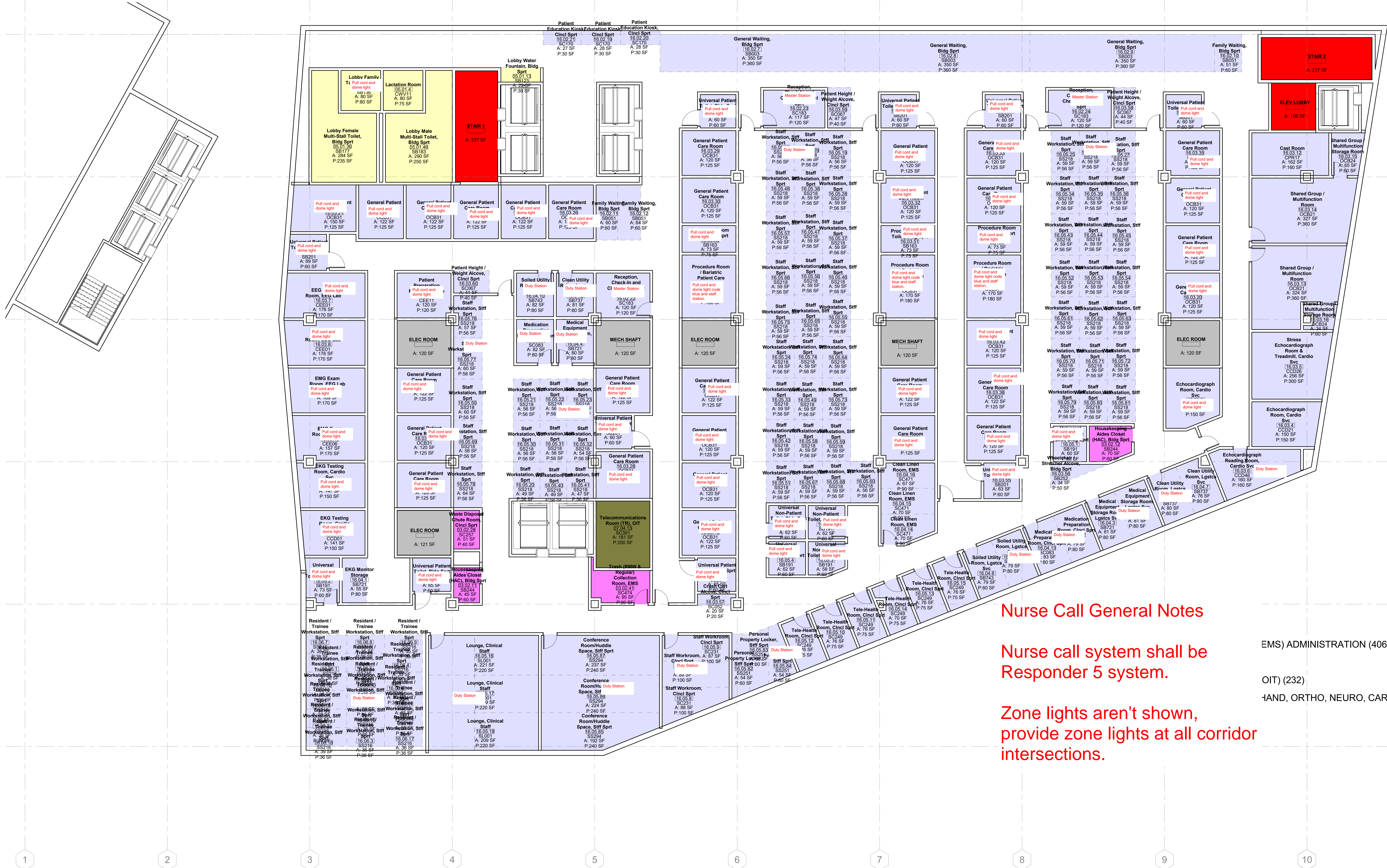
Nurse call system shall be Responder 5 system.

Zone lights aren't shown, provide zone lights at all corridor intersections.

- BUILDING SUPPORT
- VERTICAL CIRCULATION

ADMINISTRATION (406)
) ADMINISTRATION (406)
 (232)

NURSE CALL PRICING PLANS
 04-12-2024
 FAITH GROUP



Nurse Call General Notes

Nurse call system shall be Responder 5 system.

Zone lights aren't shown, provide zone lights at all corridor intersections.

EMS) ADMINISTRATION (406)

OIT) (232)

HAND, ORTHO, NEURO, CARDIO



DEPARTMENT

Nurse Call General Notes

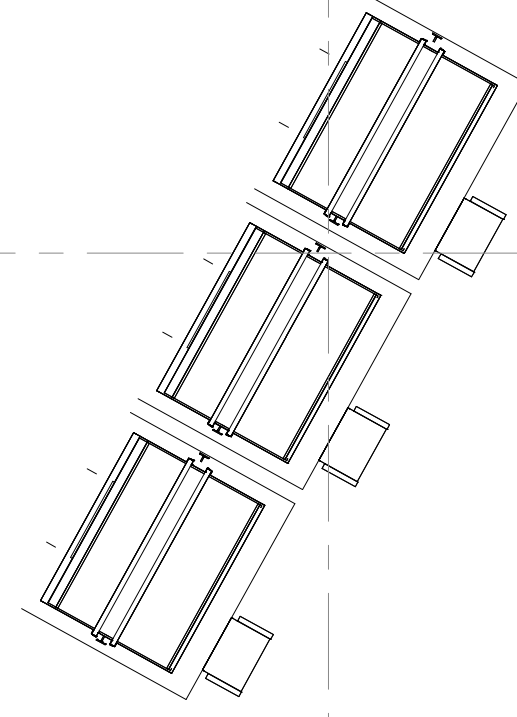
Nurse call system shall be Responder 5 system.

Zone lights aren't shown, provide zone lights at all corridor intersections.

S) ADMINISTRATION (406)

F) (232)

ULM, ENT, NEUROSURGERY, THORACIC, U



Nurse Call General Notes

- DE
- Nurse call system shall be Responder 5 system.
- Zone lights aren't shown, provide zone lights at all corridor intersections.

CATV Plan

NURSE CALL PRICING PLANS
04-12-2024
FAITH GROUP



DEPA Nurse Call General Notes

- 03 - Nurse call system shall be Responder 5 system.
- 05 -
- 07 -
- 14 -
- BUI
- VEF Zone lights aren't shown, provide zone lights at all corridor intersections.



CATV Plan

Nurse Call General Notes

DEPAR Nurse call system shall be Responder 5 system.

Zone lights aren't shown, provide zone lights at all corridor intersections.

- 05 - L
 - 07 - C
 - 13 - S
 - BUILT
 - VERTICAL CIRCULATION
- ATION (406)
RATION (406)
THESIA & PRE-PROCEDURE, PAIN

NURSE CALL PRICING PLANS
04-12-2024
FAITH GROUP



PIV Doors - 227
 Exterior PIV Doors - 2
 fixed camera - 157
 multi-view camera - 42
 IDS key pad - 4
 IDS expansion board - 2
 Duress - wired - 54
 Duress - Wireless - 92
 Wireless Receivers - 24
 ACS Panel -
 Power Supplies -
 BMS -
 Emergency Call - 36
 Department intercom - Master - 24
 Department intercom - Station - 29

PIV readers - 9
 fixed camera - 11
 multi-view camera - 3
 IDS key pad -
 IDS expansion board -
 Duress - wired -
 Duress - Wireless -
 ACS Panel - 1
 Power Supplies - 2
 BMS - 11
 Emergency Call - 0
 Department intercom - Master - 2
 Department intercom - Station - 2

- DEPARTMENT**
- 02 - ENGINEERING SERVICE (230)
 - 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 17 - SUPPLY CHAIN MANAGEMENT (SCM) (284)
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

1 GROUND LEVEL
1/8" = 1'-0"

SECURITY PRICING PLANS
04-12-2024
FAITH GROUP

Portland VA - SCB & Parking Garage



GROUND LEVEL FLOOR PLAN AC0100



- PIV readers - 16
- fixed camera - 17
- multi-view camera - 3
- PTZ - 6
- IDS key pad - 1
- IDS expansion board - 2
- Duress - wireless - 1
- Receiver - 1
- ACS Panel - 8
- Power Supplies - 4
- BMS - 16
- Emergency Call - 0
- Department intercom - Master - 2
- Department intercom - Station - 2

- ### FUNCTIONAL AREA
- 01 - LOBBY AREA
 - 01 - OPHTHALMOLOGY SERVICE RECEPTION AREA
 - 02 - OPHTHALMOLOGY SERVICE PATIENT AREA
 - 02 - SUPPORT AREA
 - 03 - OPHTHALMOLOGY SERVICE SUPPORT AREA
 - 04 - OPHTHALMOLOGY SERVICE STAFF AND ADMINISTRATIVE AREA
 - 04 - TELECOMMUNICATIONS SUPPORT AREA
 - 05 - OPHTHALMOLOGY SERVICE EDUCATION AREA
 - 07 - OPTOMETRY SERVICE PATIENT AREA
 - 08 - OPTOMETRY SERVICE SUPPORT AREA
 - 09 - OPTOMETRY SERVICE STAFF AND ADMINISTRATIVE AREA
 - 10 - OPTOMETRY SERVICE EDUCATION AREA
 - 11 - OPTICAL FITTING AREA
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

1 LEVEL 01
1/8" = 1'-0"

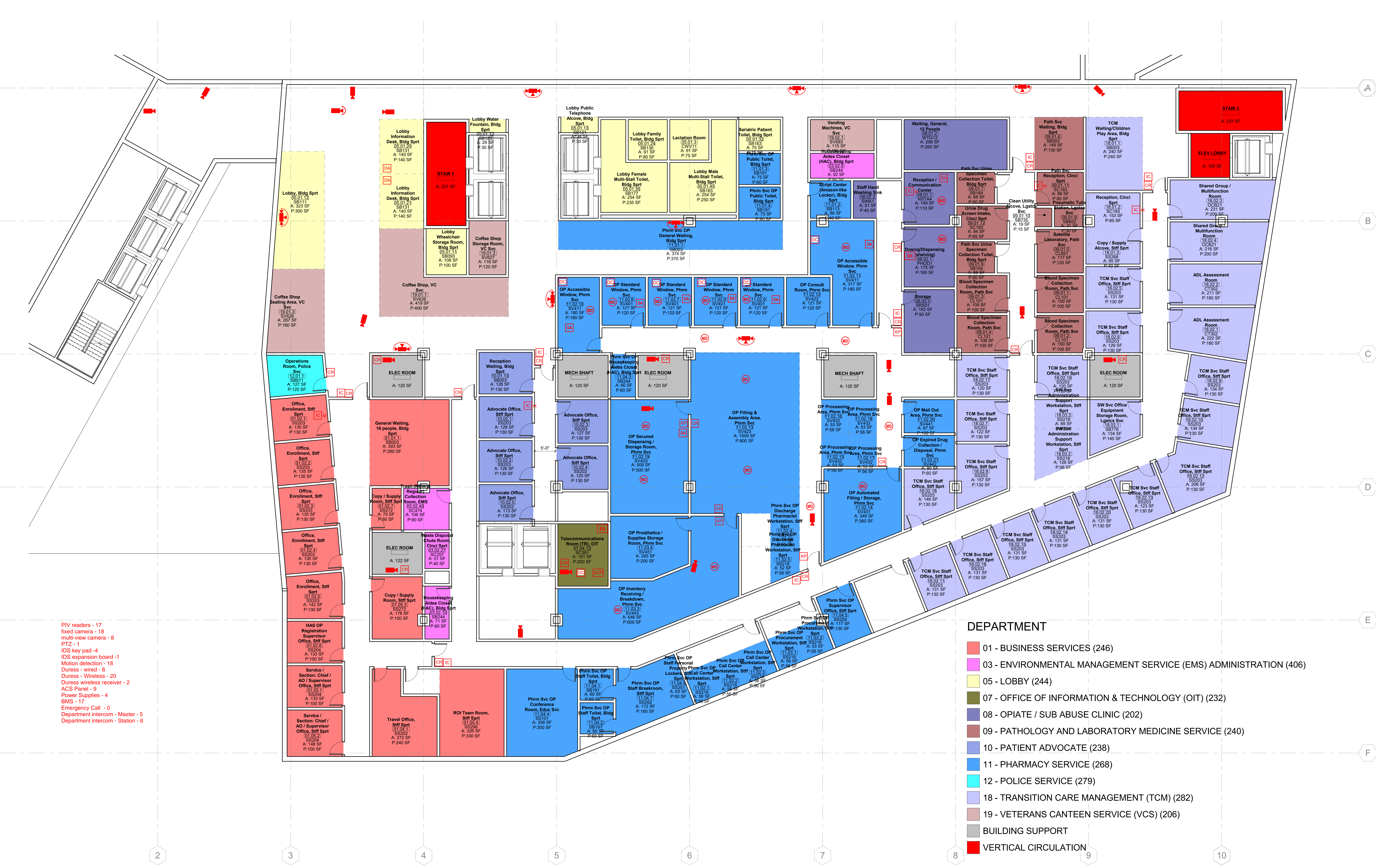
SECURITY PRICING PLANS
04-12-2024
FAITH GROUP

Portland VA - SCB & Parking Garage



LEVEL 01 FLOOR PLAN AC0101

SECURITY PRICING PLANS
04-12-2024
FAITH GROUP

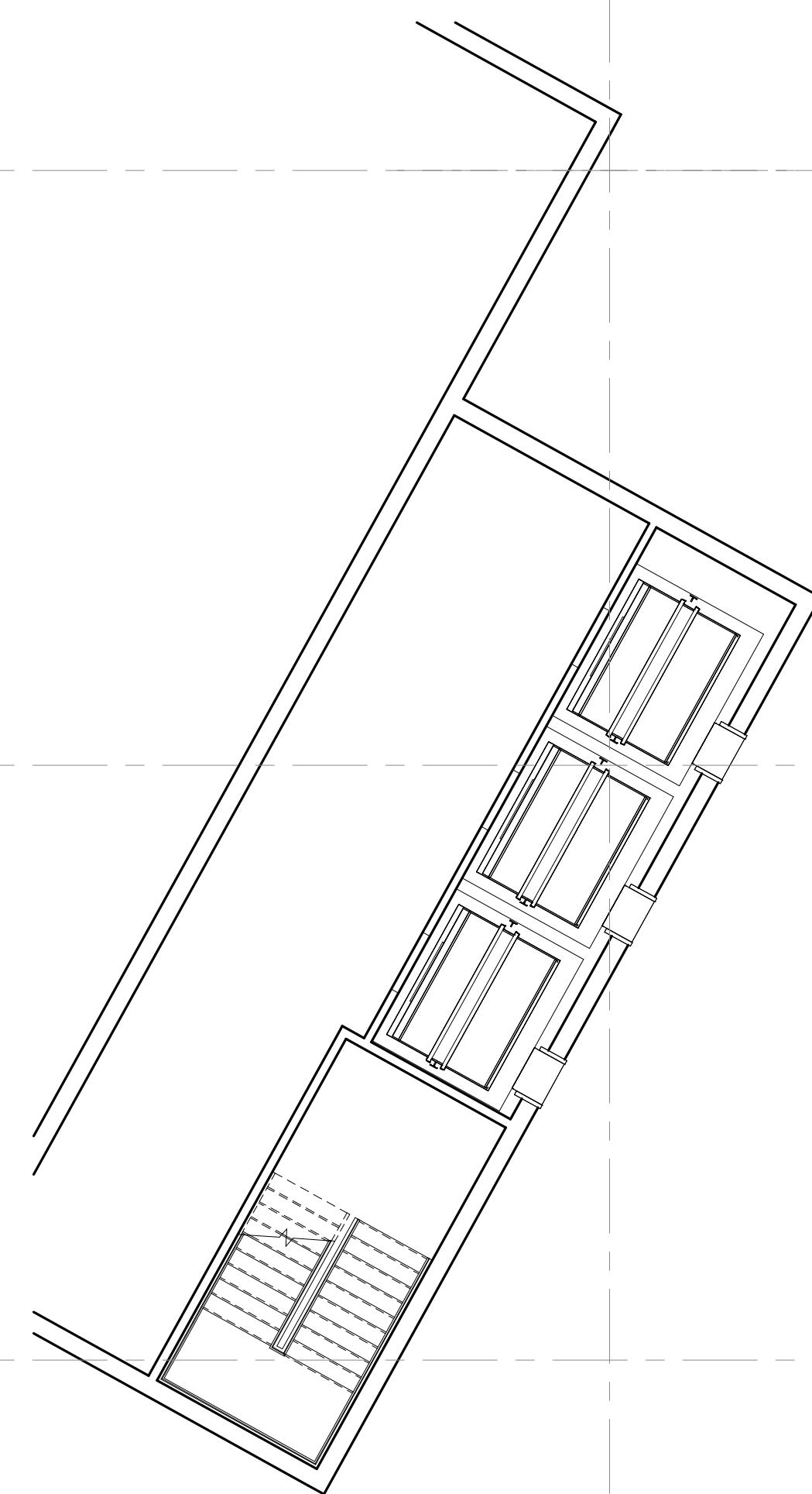


- PIV readers - 17
- fixed camera - 18
- multi-view camera - 8
- PTZ - 1
- IDS key pad - 4
- IDS expansion board - 1
- Motion detection - 18
- Duress - wired - 8
- Duress - Wireless - 20
- Duress wireless receiver - 2
- ACS Panel - 9
- Power Supplies - 4
- BMS - 17
- Emergency Call - 0
- Department intercom - Master - 5
- Department intercom - Station - 6

- DEPARTMENT**
- 01 - BUSINESS SERVICES (246)
 - 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 08 - OPIATE / SUB ABUSE CLINIC (202)
 - 09 - PATHOLOGY AND LABORATORY MEDICINE SERVICE (240)
 - 10 - PATIENT ADVOCATE (238)
 - 11 - PHARMACY SERVICE (268)
 - 12 - POLICE SERVICE (279)
 - 18 - TRANSITION CARE MANAGEMENT (TCM) (282)
 - 19 - VETERANS CANTEN SERVICE (VCS) (206)
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

2 3 4 5 6 7 8 9 10

A
B
C
D
E
F



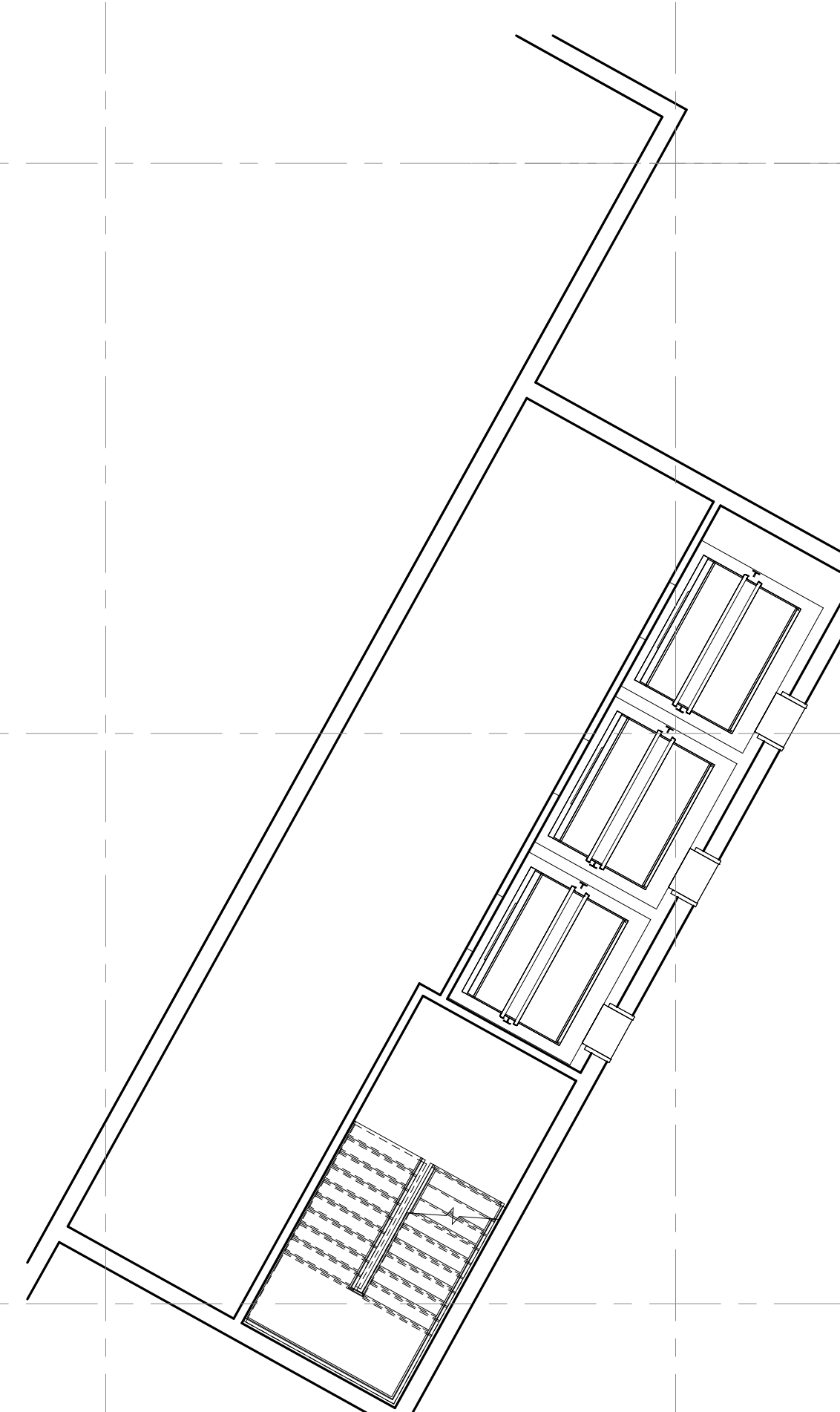
- PIV readers - 14
- fixed camera -18
- multi-view camera - 3
- PTZ - 1
- IDS key pad -
- IDS expansion board -
- Motion detection -
- Duress - wired - 55
- Duress - Wireless - 30
- Duress wireless receiver - 6
- ACS Panel - 7
- Power Supplies - 4
- BMS - 14
- Emergency Call - 0
- Department intercom - Master - 1
- Department intercom - Station - 1

DEPARTMENT

- 3 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
- 05 - LOBBY (244)
- 06 - MENTAL HEALTH CLINIC (260)
- 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
- BUILDING SUPPORT
- VERTICAL CIRCULATION

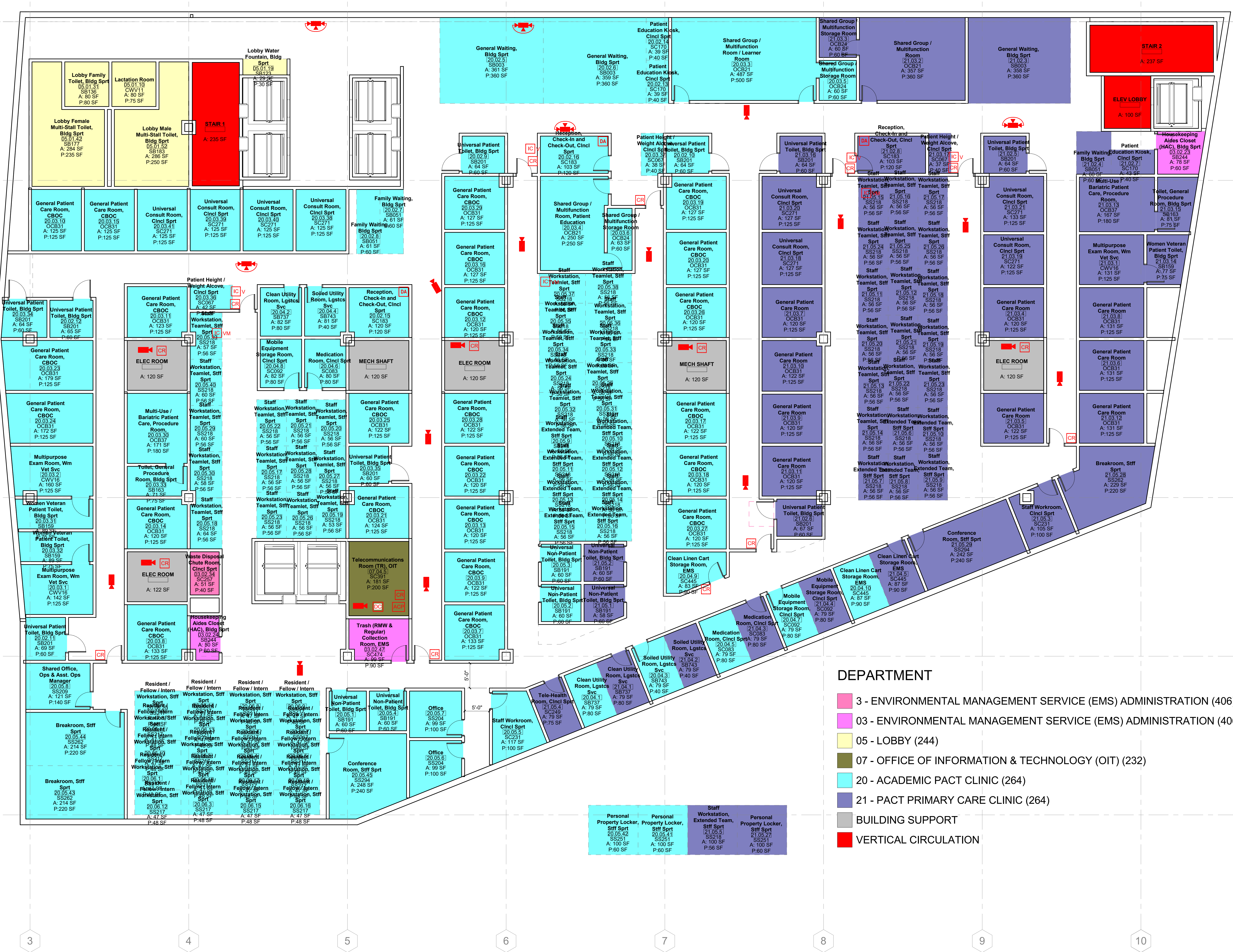
1 LEVEL 03
1/8" = 1'-0"

SECURITY PRICING PLANS
04-12-2024
FAITH GROUP



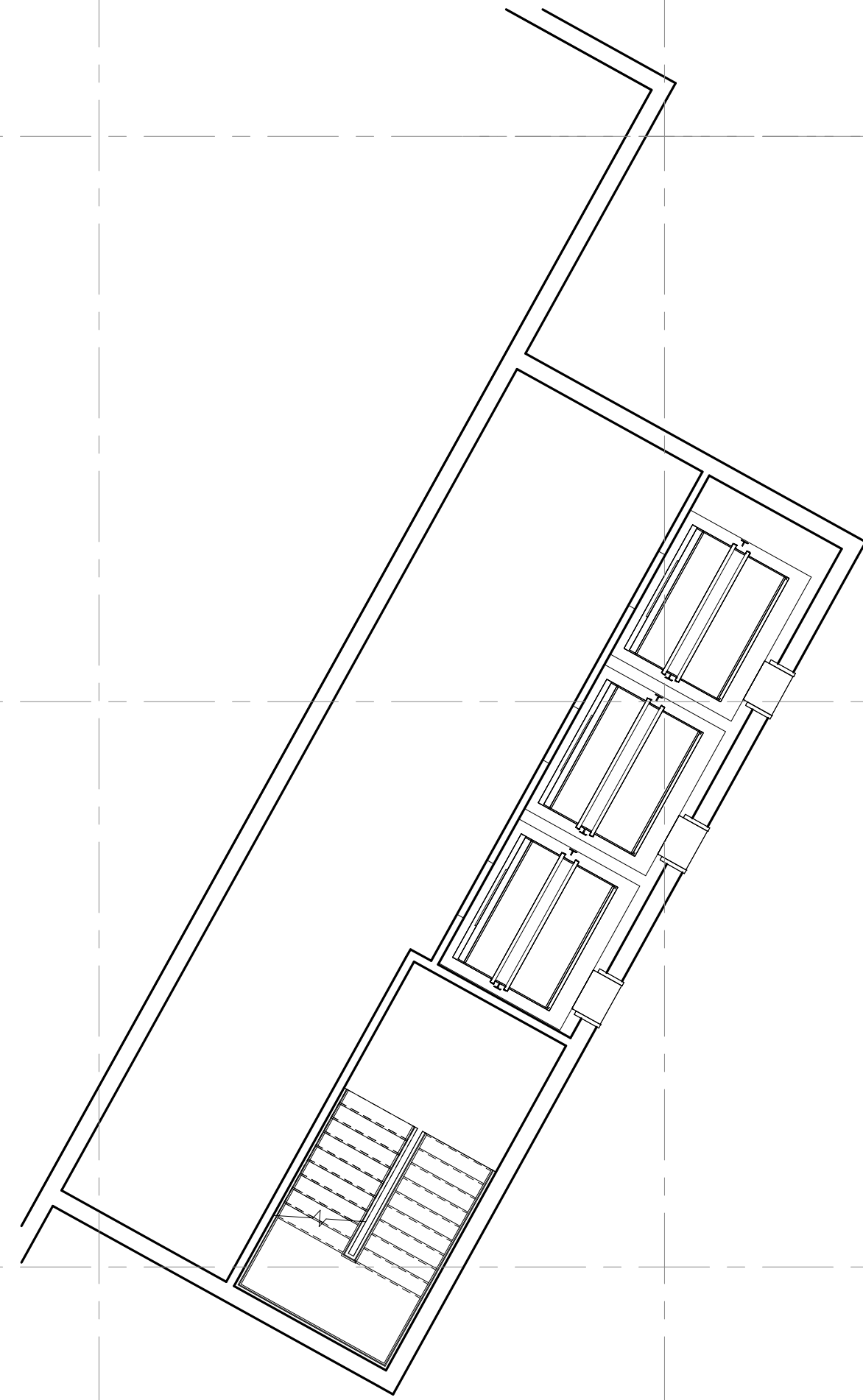
- PIV readers - 9
- fixed camera - 19
- multi-view camera - 4
- PTZ -
- IDS key pad -
- IDS expansion board -
- Motion detection -
- Duress - wired - 3
- Duress - Wireless - 3
- Duress wireless receiver - 3
- ACS Panel -
- Power Supplies -
- BMS -
- Emergency Call - 0
- Department intercom - Master - 4
- Department intercom - Station - 4

1 LEVEL 04
1/8" = 1'-0"

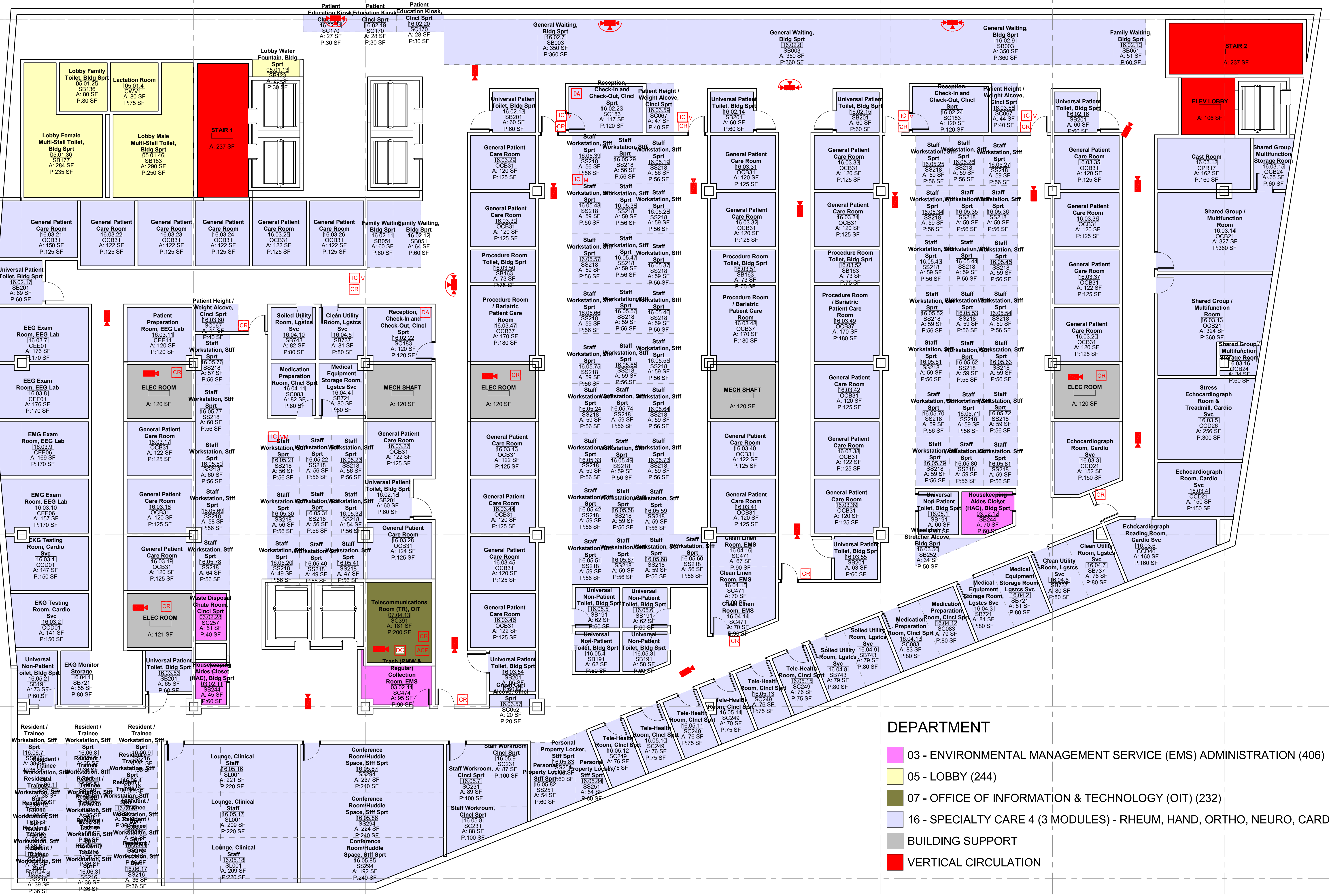


- DEPARTMENT**
- 3 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 20 - ACADEMIC PACT CLINIC (264)
 - 21 - PACT PRIMARY CARE CLINIC (264)
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

SECURITY PRICING PLANS
04-12-2024
FAITH GROUP



- PIV readers - 15
- fixed camera - 19
- multi-view camera - 5
- PTZ
- IDS key pad -
- IDS expansion board -
- Motion detection -
- Duress - wired - 2
- Duress - wireless - 3
- ACS Panel
- Power Supplies -
- BMS -
- Emergency Call -
- Department intercom - Master - 2
- Department intercom - Station - 5



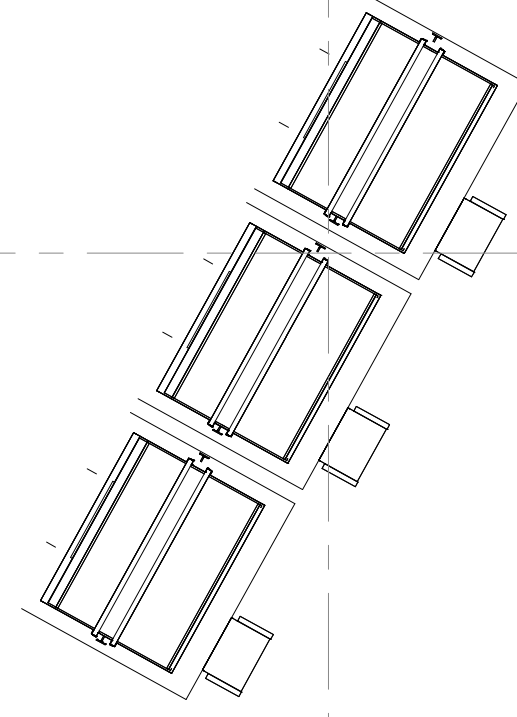
- DEPARTMENT**
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 16 - SPECIALTY CARE 4 (3 MODULES) - RHEUM, HAND, ORTHO, NEURO, CARDIO
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

1 LEVEL 05
1/8" = 1'-0"

SECURITY PRICING PLANS
04-12-2024
FAITH GROUP



LEVEL 05 FLOOR PLAN AC0105



- PIV readers - 13
- fixed camera - 20
- multi-view camera - 4
- PTZ - 2
- IDS key pad - 1
- Motion detection - 1
- Duress - wired - 3
- Duress - wireless - 3
- Duress wireless receiver - 3
- ACS Panel - 1
- Power Supplies - BMS - 1
- Emergency Call - 1
- Department intercom - Master - 4
- Department intercom - Station - 3



- DEPARTMENT**
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 15 - SPECIALTY CARE 3 (3 MODULES) - HEM/ONC, PULM, ENT, NEUROSURGERY, THORACIC, URO
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

1 LEVEL 06
1/8" = 1'-0"

SECURITY PRICING PLANS
04-12-2024
FAITH GROUP

1 LEVEL 07
1/8" = 1'-0"

SECURITY PRICING PLANS
04-12-2024
FAITH GROUP

- PIV readers - 12
- fixed camera - 18
- multi-view camera - 5
- PTZ -
- IDS key pad -
- IDS expansion board -
- Motion detection -
- Duress - wired - 3
- Duress - Wireless - 3
- Duress wireless receiver - 3
- ACS Panel -
- Power Supplies -
- BMS -
- Emergency Call -
- Department intercom - Master - 2
- Department intercom - Station - 3



- DEPARTMENT**
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 14 - SPECIALTY CARE 2 (2 MODULES) - GI, WOUND, ENDOCRINE, ID, NEPH, HEP, PLASTICS, POD
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION



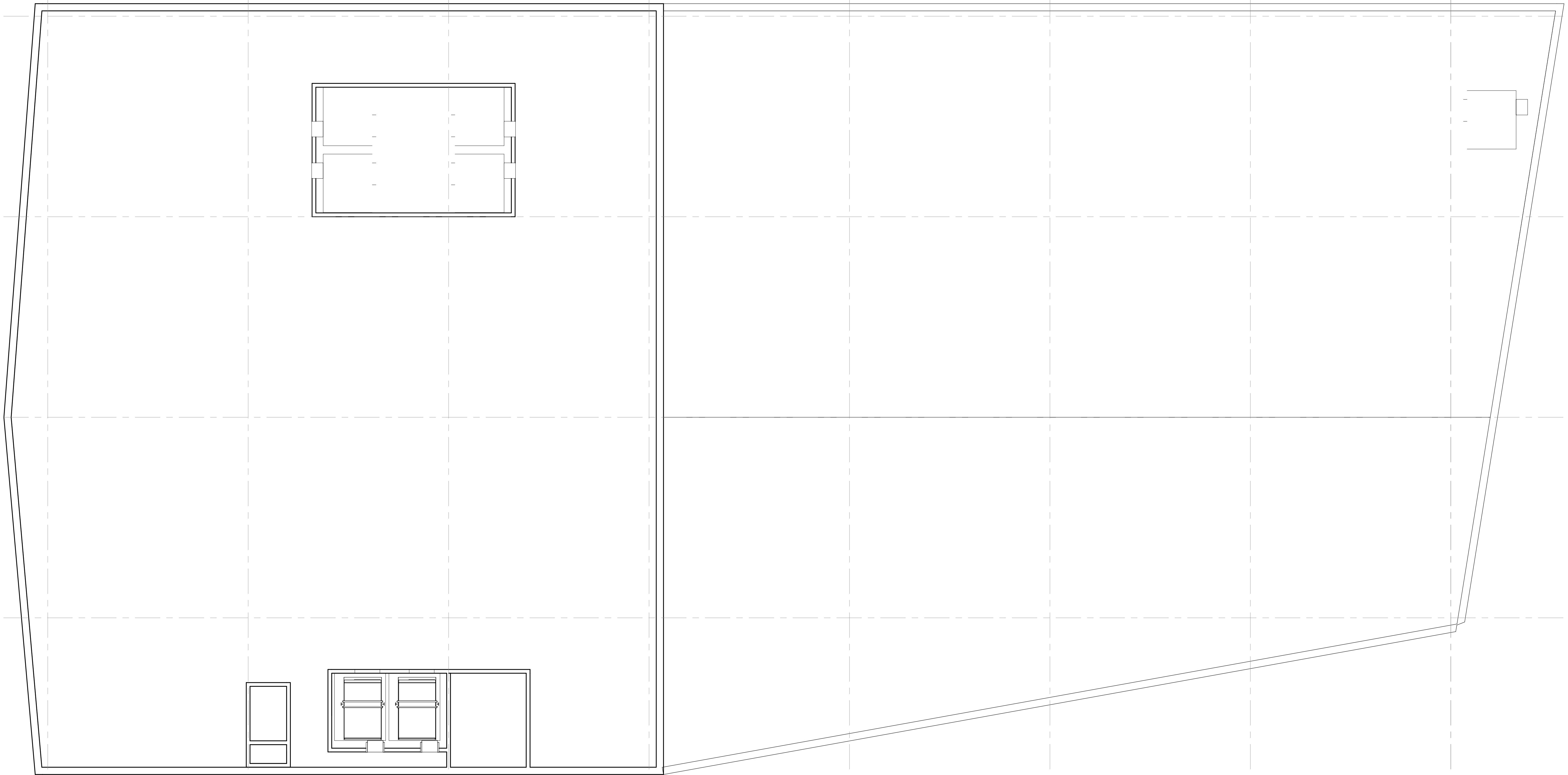
- PIV readers - 14
- fixed camera - 17
- multi-view camera - 5
- PTZ -
- IDS key pad -
- IDS expansion board -
- Motion detection -
- Duress - wired - 3
- Duress - Wireless - 3
- Duress wireless receiver - 3
- ACS Panel -
- Power Supplies -
- BMS -
- Emergency Call -
- Department intercom - Master - 4
- Department intercom - Station - 5

DEPARTMENT

- 3 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
- 05 - LOBBY (244)
- 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
- 13 - SPECIALTY CARE 1 (2 MODULES) - DERM, GENSURG, ANESTHESIA & PRE-PROCEDURE, PAIN
- BUILDING SUPPORT
- VERTICAL CIRCULATION

1 LEVEL 08
1/8" = 1'-0"

SECURITY PRICING PLANS
04-12-2024
FAITH GROUP



1 PENTHOUSE
1/8" = 1'-0"

SECURITY PRICING PLANS
04-12-2024
FAITH GROUP



Whole Floor Requires Sound Masking.

Public Address General Notes

Provide public address (speakers spaced 16'-0" on center) in all corridors on this floor.

- DEPARTMENT**
- 02 - ENGINEERING SERVICE (230)
 - 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 17 - SUPPLY CHAIN MANAGEMENT (SCM) (284)
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

Public Address General Notes

Provide public address
(speakers spaced 16'-0" on
center) in all corridors on this
floor.

1 LEVEL 01
1/8" = 1'-0"

Portland VA - SCB & Parking Garage

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SOUND MASKING PRICING PLANS
04-12-2024
FAITH GROUP

- FUNCTIONAL AREA**
- 01 - LOBBY AREA
 - 01 - OPHTHALMOLOGY SERVICE RECEPTION AREA
 - 02 - OPHTHALMOLOGY SERVICE PATIENT AREA
 - 02 - SUPPORT AREA
 - 03 - OPHTHALMOLOGY SERVICE SUPPORT AREA
 - 04 - OPHTHALMOLOGY SERVICE STAFF AND ADMINISTRATIVE AREA
 - 04 - TELECOMMUNICATIONS SUPPORT AREA
 - 05 - OPHTHALMOLOGY SERVICE EDUCATION AREA
 - 07 - OPTOMETRY SERVICE PATIENT AREA
 - 08 - OPTOMETRY SERVICE SUPPORT AREA
 - 09 - OPTOMETRY SERVICE STAFF AND ADMINISTRATIVE AREA
 - 10 - OPTOMETRY SERVICE EDUCATION AREA
 - 11 - OPTICAL FITTING AREA
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

Public Address General Notes

Provide public address (speakers spaced 16'-0" on center) in all corridors on this floor.

Area requiring Sound Masking.

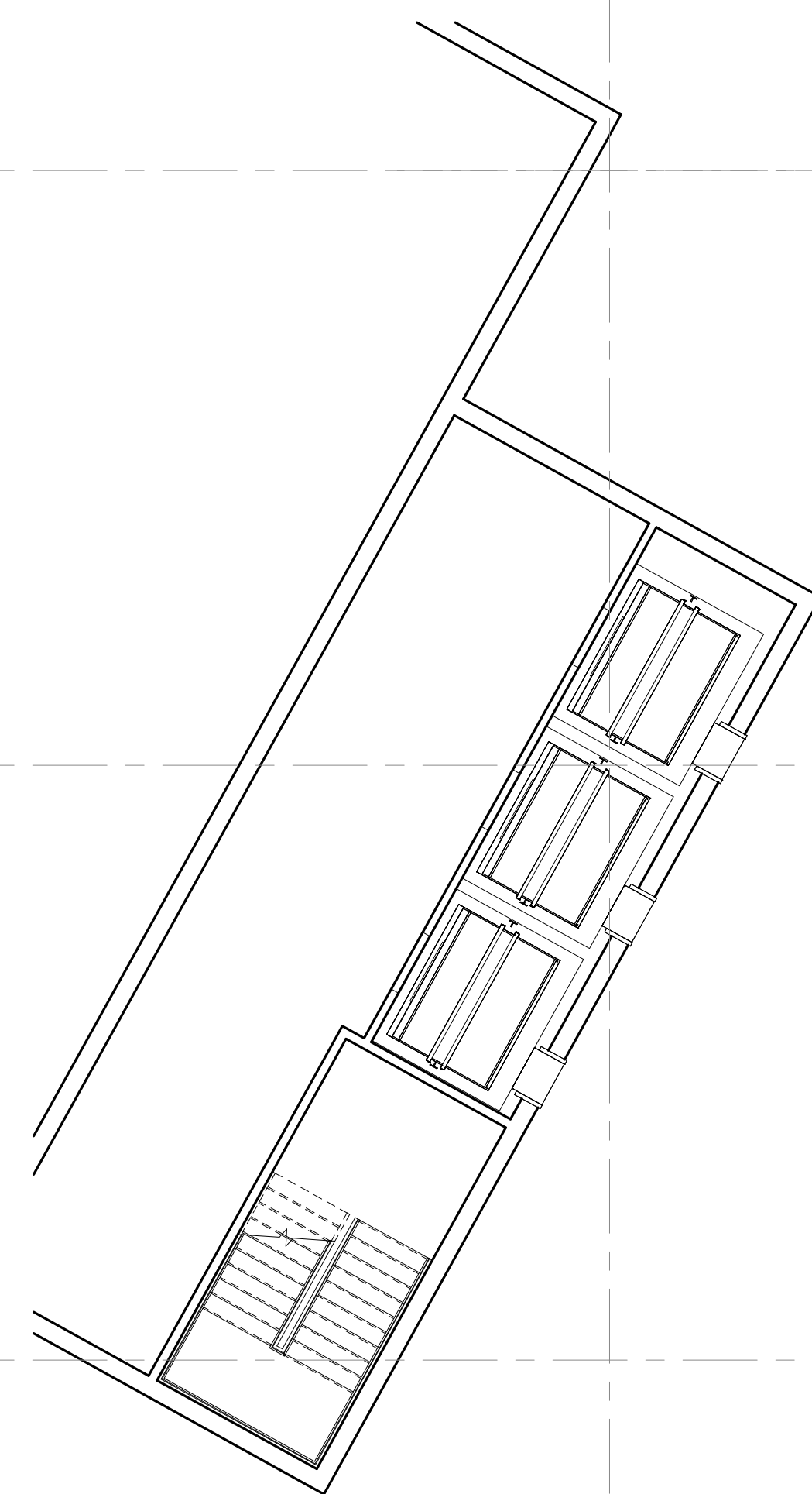
Area requiring Sound Masking.

1 LEVEL 02
1/8" = 1'-0"



DEPARTMENT

- 01 - BUSINESS SERVICES (246)
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
- 05 - LOBBY (244)
- 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
- 08 - OPIATE / SUB ABUSE CLINIC (202)
- 09 - PATHOLOGY AND LABORATORY MEDICINE SERVICE (240)
- 10 - PATIENT ADVOCATE (238)
- 11 - PHARMACY SERVICE (268)
- 12 - POLICE SERVICE (279)
- 18 - TRANSITION CARE MANAGEMENT (TCM) (282)
- 19 - VETERANS CANTEN SERVICE (VCS) (206)
- BUILDING SUPPORT
- VERTICAL CIRCULATION



No Sound Masking Required

Public Address General Notes

Provide public address (speakers spaced 16'-0" on center) in all corridors on this floor.

1 LEVEL 03
1/8" = 1'-0"



DEPARTMENT

- 3 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
- 05 - LOBBY (244)
- 06 - MENTAL HEALTH CLINIC (260)
- 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
- BUILDING SUPPORT
- VERTICAL CIRCULATION

SOUND MASKING PRICING PLANS
04-12-2024
FAITH GROUP

Public Address General Notes

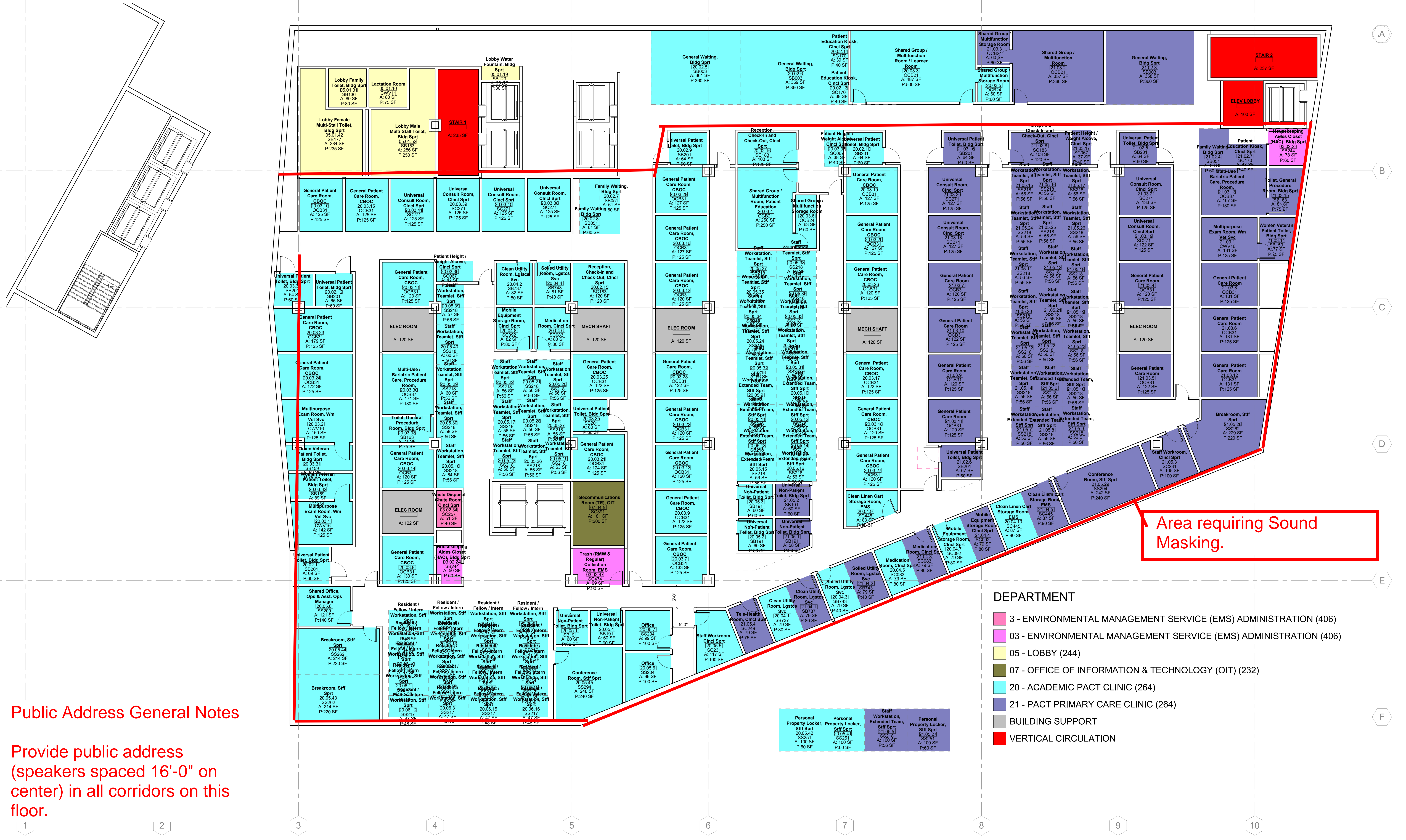
Provide public address
(speakers spaced 16'-0" on
center) in all corridors on this
floor.

1 LEVEL 04
1/8" = 1'-0"

SOUND MASKING PRICING PLANS
04-12-2024
FAITH GROUP

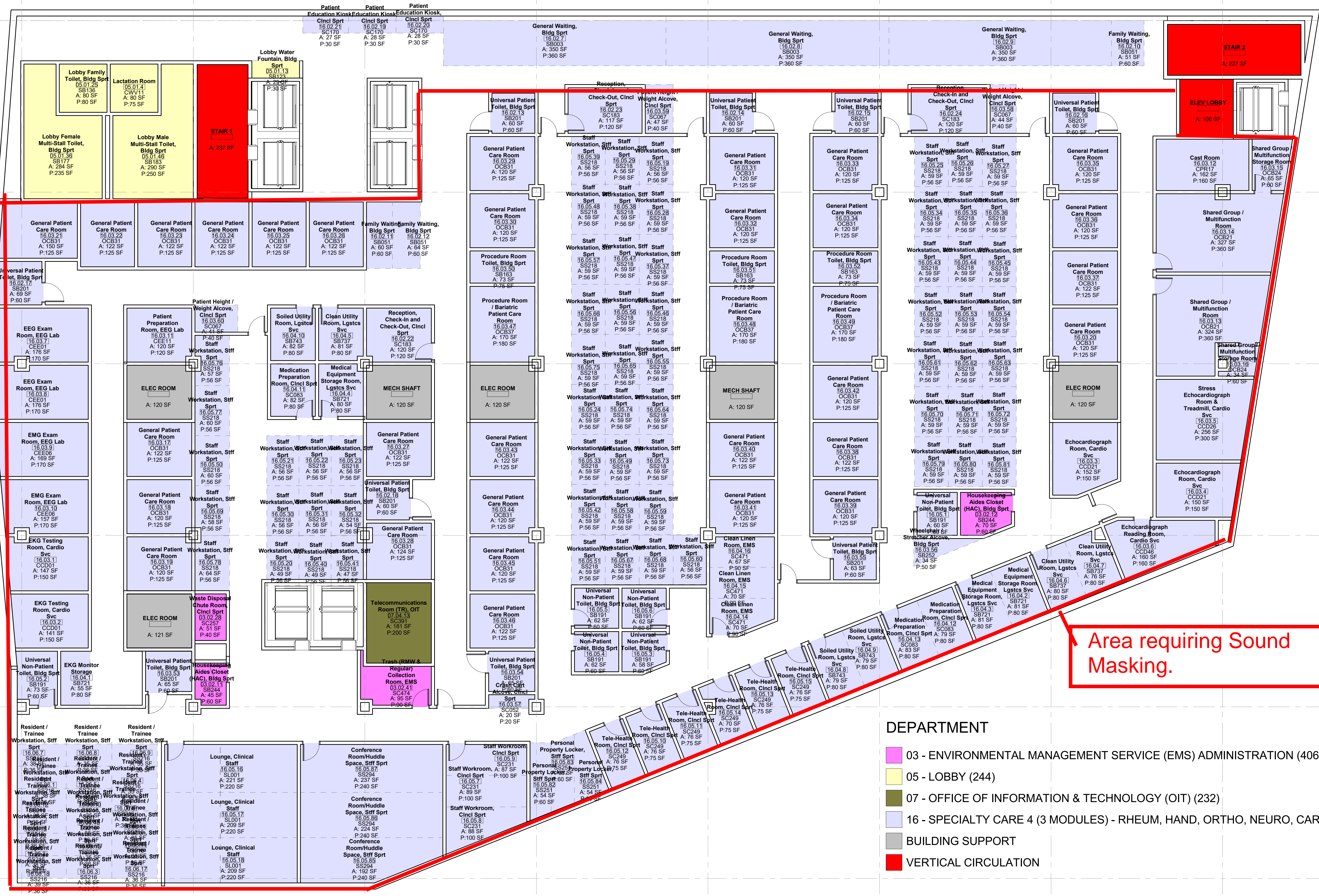
Area requiring Sound Masking.

- DEPARTMENT**
- 3 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 20 - ACADEMIC PACT CLINIC (264)
 - 21 - PACT PRIMARY CARE CLINIC (264)
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION



Public Address General Notes

Provide public address
(speakers spaced 16'-0" on
center) in all corridors on this
floor.



- DEPARTMENT**
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 16 - SPECIALTY CARE 4 (3 MODULES) - RHEUM, HAND, ORTHO, NEURO, CARDIO
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

SOUND MASKING PRICING PLANS
04-12-2024
FAITH GROUP

Public Address General Notes

Provide public address (speakers spaced 16'-0" on center) in all corridors on this floor.

1 LEVEL 06
1/8" = 1'-0"

SOUND MASKING PRICING PLANS
04-12-2024
FAITH GROUP



- DEPARTMENT**
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 15 - SPECIALTY CARE 3 (3 MODULES) - HEM/ONC, PULM, ENT, NEUROSURGERY, THORACIC, URO
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

Area requiring Sound Masking.

Public Address General Notes

Provide public address
(speakers spaced 16'-0" on
center) in all corridors on this
floor.



Area requiring Sound Masking.

- DEPARTMENT**
- 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 14 - SPECIALTY CARE 2 (2 MODULES) - GI, WOUND, ENDOCRINE, ID, NEPH, HEP, PLASTICS, POD
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

1 LEVEL 07
1/8" = 1'-0"

SOUND MASKING PRICING PLANS
04-12-2024
FAITH GROUP



Area requiring Sound Masking.

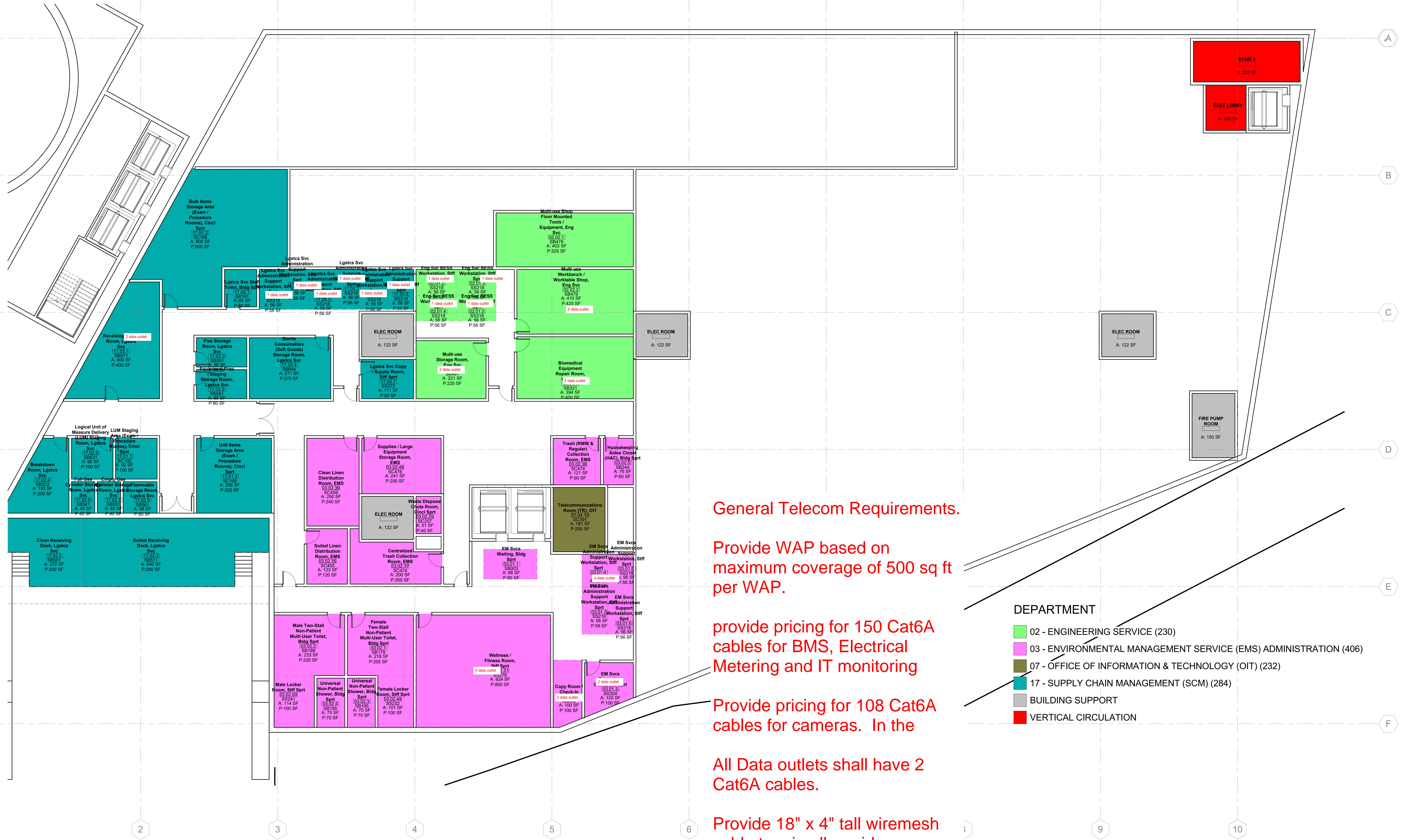
Public Address General Notes

Provide public address (speakers spaced 16'-0" on center) in all corridors on this floor.

- DEPARTMENT**
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 - 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 05 - LOBBY (244)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 13 - SPECIALTY CARE 1 (2 MODULES) - DERM, GENSURG, ANESTHESIA & PRE-PROCEDURE, PAIN
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION

1 LEVEL 08
1/8" = 1'-0"

SOUND MASKING PRICING PLANS
04-12-2024
FAITH GROUP



General Telecom Requirements.

Provide WAP based on maximum coverage of 500 sq ft per WAP.

provide pricing for 150 Cat6A cables for BMS, Electrical Metering and IT monitoring

Provide pricing for 108 Cat6A cables for cameras. In the

All Data outlets shall have 2 Cat6A cables.

Provide 18" x 4" tall wiremesh cable tray in all corridors.

- DEPARTMENT**
- 02 - ENGINEERING SERVICE (230)
 - 03 - ENVIRONMENTAL MANAGEMENT SERVICE (EMS) ADMINISTRATION (406)
 - 07 - OFFICE OF INFORMATION & TECHNOLOGY (OIT) (232)
 - 17 - SUPPLY CHAIN MANAGEMENT (SCM) (284)
 - BUILDING SUPPORT
 - VERTICAL CIRCULATION



OPH missing 2 patient toilets, added one here
 -WORKS FOR ME -CAITLIN

General Telecom Requirements.

Provide WAP based on maximum coverage of 500 sq ft per WAP.

All Data outlets shall have 2 Cat6A cables.

Provide 18" x 4" tall wiremesh cable tray in all corridors.

Can we retain the chute and move the room down on this floor. The room is blocking the passgae to the work stations

- I HAVE LEFT AN EXPLANATION IN THE BLUEBEAM MARKUP THAT WILL HOPEFULLY HELP TO EXPLAIN OUR STRATEGY WITH WORKSTATION ORGANIZATION AND CIRCULATION AROUND THEM. -CAITLIN

unable to accomodate all workstations this way



General Telecom Requirements.

Provide WAP based on maximum coverage of 500 sq ft per WAP.

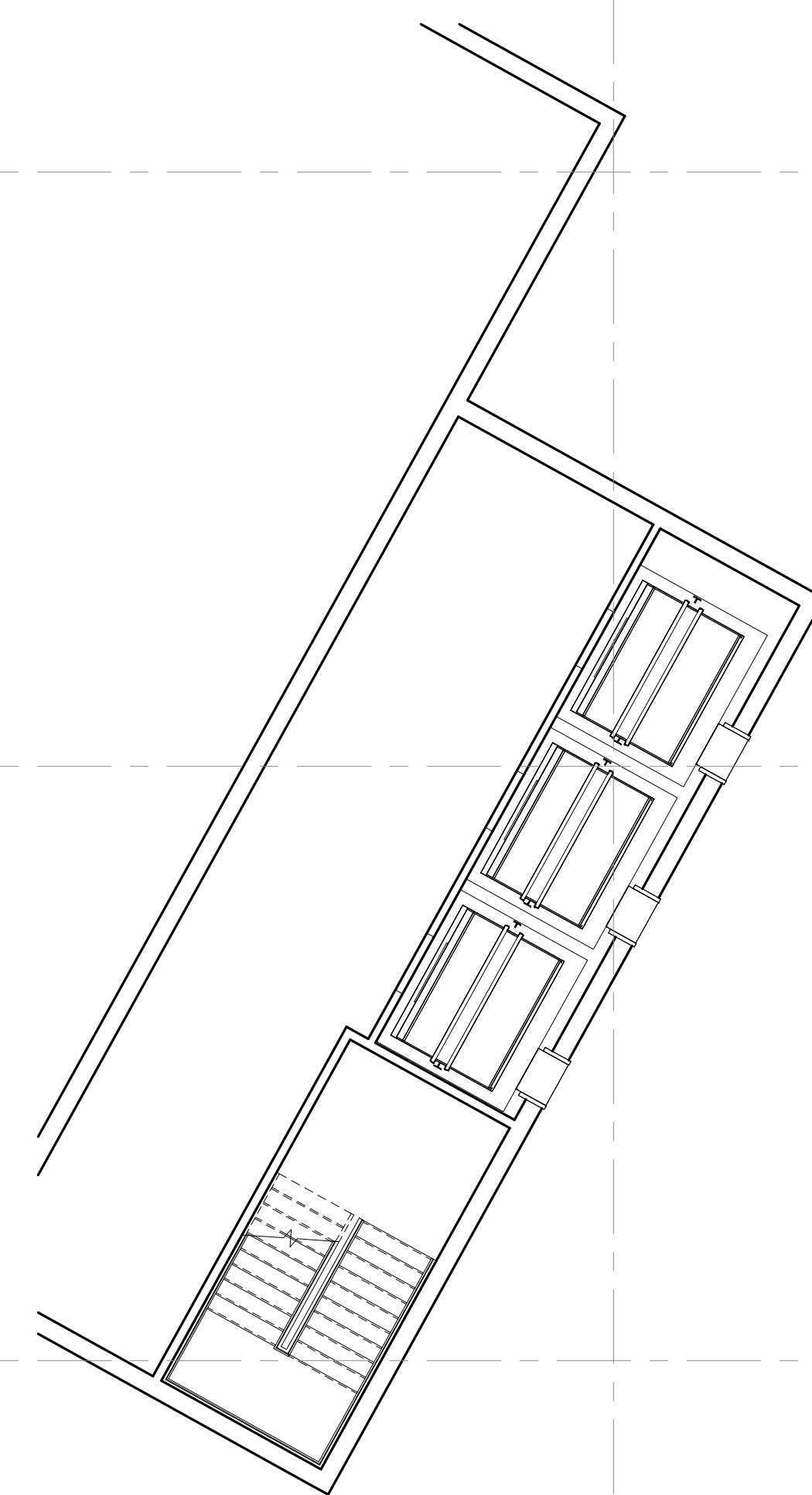
All Data outlets shall have 2 Cat6A cables.

Provide 18" x 4" tall wiremesh cable tray in all corridors.

- EMERGENCY SERVICE (EMS) ADMINISTRATION (406)
- INFORMATION TECHNOLOGY (OIT) (232)
- PHYSICIAN SERVICE (240)
- PHARMACY (282)
- LABORATORY (206)

1 LEVEL 02
1/8" = 1'-0"

TELECOM PRICING PLANS
04-12-2024
FAITH GROUP



General Telecom Requirements.

Provide WAP based on maximum coverage of 500 sq ft per WAP.

All Data outlets shall have 2 Cat6A cables.

Provide 18" x 4" tall wiremesh cable tray in all corridors.

- EMS ADMINISTRATION (406)
- EMS ADMINISTRATION (406)
- (OIT) (232)



DEPARTMENT
General Telecom Requirements.
 (IS) ADMINISTRATION (406)
 (MS) ADMINISTRATION (406)
 (IT) (232)

Provide WAP based on maximum coverage of 500 sq ft per WAP.
 All Data outlets shall have 2 Cat6A cables.
 Provide 18" x 4" tall wiremesh cable tray in all corridors.

1 LEVEL 04
 1/8" = 1'-0"

TELECOM PRICING PLANS
 04-12-2024
 FAITH GROUP



General Telecom Requirements.

Provide WAP based on maximum coverage of 500 sq ft per WAP.

All Data outlets shall have 2 Cat6A cables.

Provide 18" x 4" tall wiremesh cable tray in all corridors.

ADMINISTRATION (406)

232) ORTHO, NEURO, CARDIO

1 LEVEL 05
1/8" = 1'-0"

TELECOM PRICING PLANS
04-12-2024
FAITH GROUP



General Telecom Requirements.

Provide WAP based on maximum coverage of 500 sq ft per WAP.

All Data outlets shall have 2 Cat6A cables.

Provide 18" x 4" tall wiremesh cable tray in all corridors.

IS) ADMINISTRATION (406)

IT) (232)

PULM, ENT, NEUROSURGERY, THORACIC, URO



General Telecom Requirements.

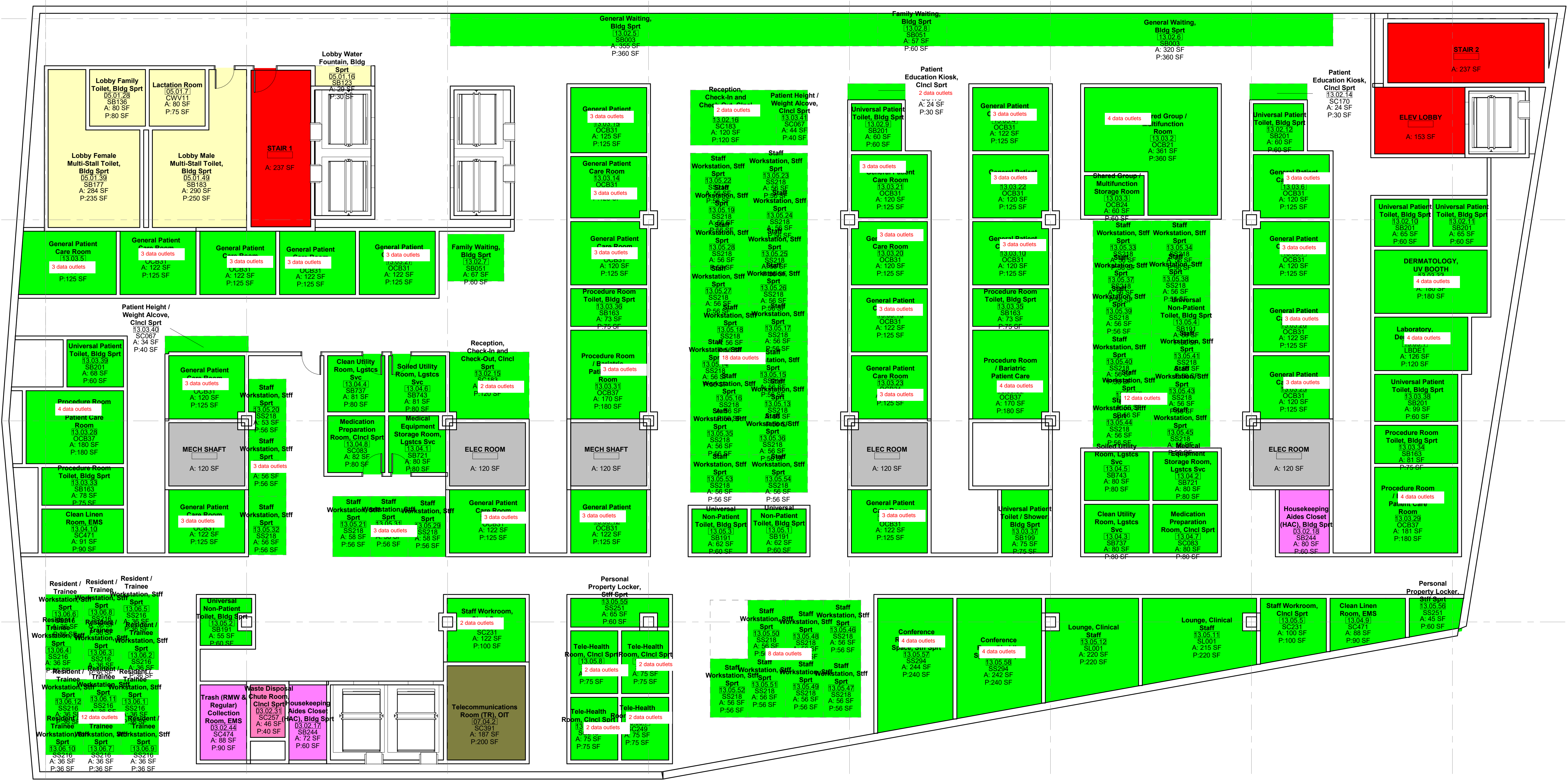
Provide WAP based on maximum coverage of 500 sq ft per WAP.

All Data outlets shall have 2 Cat6A cables.

Provide 18" x 4" tall wiremesh cable tray in all corridors.

Extra space. Added one unaccommodate Staff toilet here but there are already 2 of them nearby.

TELECOM PRICING PLANS
04-12-2024
FAITH GROUP



General Telecom Requirements.

Provide WAP based on maximum coverage of 500 sq ft per WAP.

- (EMS) ADMINISTRATION (406)
- (EMS) ADMINISTRATION (406)
- (OIT) (232)
- GENSURG, ANESTHESIA & PRE-PROCEDURE, PAIN

All Data outlets shall have 2 Cat6a cables.

Provide 18" x 4" tall wiremesh cable tray in all corridors.

UK CTC & ACC Stormwater BMP

KPDES No.: KYR10S405

SWPPP Contacts

Chris Deiss

Walsh Construction
1117 South Limestone
Lexington, KY 40503
Cell (312) 931-7571

Bob Tansey

Walsh Construction
1117 South Limestone
Lexington, KY 40503
Cell (312) 446-3894

Raymond Haunsz

UK Project Manager
1000 Elizabeth St.
Lexington, KY 40503
Cell (859) 806-6054

Richard McClure

UK Campus SWPPP Inspector
Service Building rm. 230
Lexington, KY 40506
(859) 338-0150

Kevin Lewis

UK Water Quality Compliance Manager
355 Cooper Drive
Lexington, KY 40506



Andy Beshear
GOVERNOR

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

300 Sower Boulevard
Frankfort, Kentucky 40601
Phone: (502) 564-2150
Fax: 502-564-4245

Rebecca W. Goodman
SECRETARY

Anthony R. Hatton
COMMISSIONER

May 28, 2024

Chris Deiss
Walsh Construction
1117 S Limestone
Lexington, KY 40503

Re: KYR10 Coverage Acknowledgment
KPDES No.: KYR10S405
UK Cancer Center
Permit Type: Construction Stormwater
AI ID: 182079
Fayette County, Kentucky

Dear Chris Deiss:

The discharges associated with the Notice of Intent you submitted have been approved for coverage under the “Kentucky Pollutant Discharge Elimination System (KPDES) General Permit for Storm Water Discharges Associated with Construction Activities (KYR100000)” master general permit. Your coverage becomes effective on the date of this letter. This coverage automatically terminates two years from the effective date of your coverage unless an extension is requested prior to the termination date, or the Division of Water revokes coverage, whichever comes first. During this period of coverage all discharges shall comply with the conditions of the KYR100000 master general permit. This permit and links to the eNOI (and permit coverage extension) and eNOT forms can be found on our website:

<https://eec.ky.gov/Environmental-Protection/Water/PermitCert/KPDES/Documents/KYR10PermitPage.pdf>.

Any person aggrieved by the issuance of a permit final decision may demand a hearing pursuant to KRS 224.10-420(2) within thirty (30) days from the date of the issuance of this letter. Any demand for a hearing on the permit shall be filed in accordance with the procedures specified in KRS 224.10-420, 224.10-440, 224.10-470, and the regulations promulgated thereto. The request for hearing should be submitted in writing to the Energy and Environment Cabinet, Office of Administrative Hearings, 211 Sower Boulevard, Frankfort, Kentucky 40601 and the Commonwealth of Kentucky, Energy and Environment Cabinet, Division of Water, 300 Sower Boulevard, Frankfort, Kentucky 40601. For your record keeping purposes, it is recommended that these requests be sent by certified mail. The written request must conform to the appropriate statutes referenced above.

Any questions concerning the general permit and its requirements should be directed to me at [502-782-6944](tel:502-782-6944) or email me at Barry.Elmore@ky.gov

Construction Site GPS Coordinates: 38.029572, -84.510582
Receiving Water: Wolf Run

Sincerely,

Barry Elmore
Surface Water Permits Branch
Division of Water

cc: Robert Daniel, Frankfort Regional Office
Kevin Lewis, University of Kentucky MS4 Coordinator

SWPPP Preparation Date:

5/31/2024

Start of Construction 5/6/2024

Completion of Construction 12/1/2027


1. PROJECT DESCRIPTION

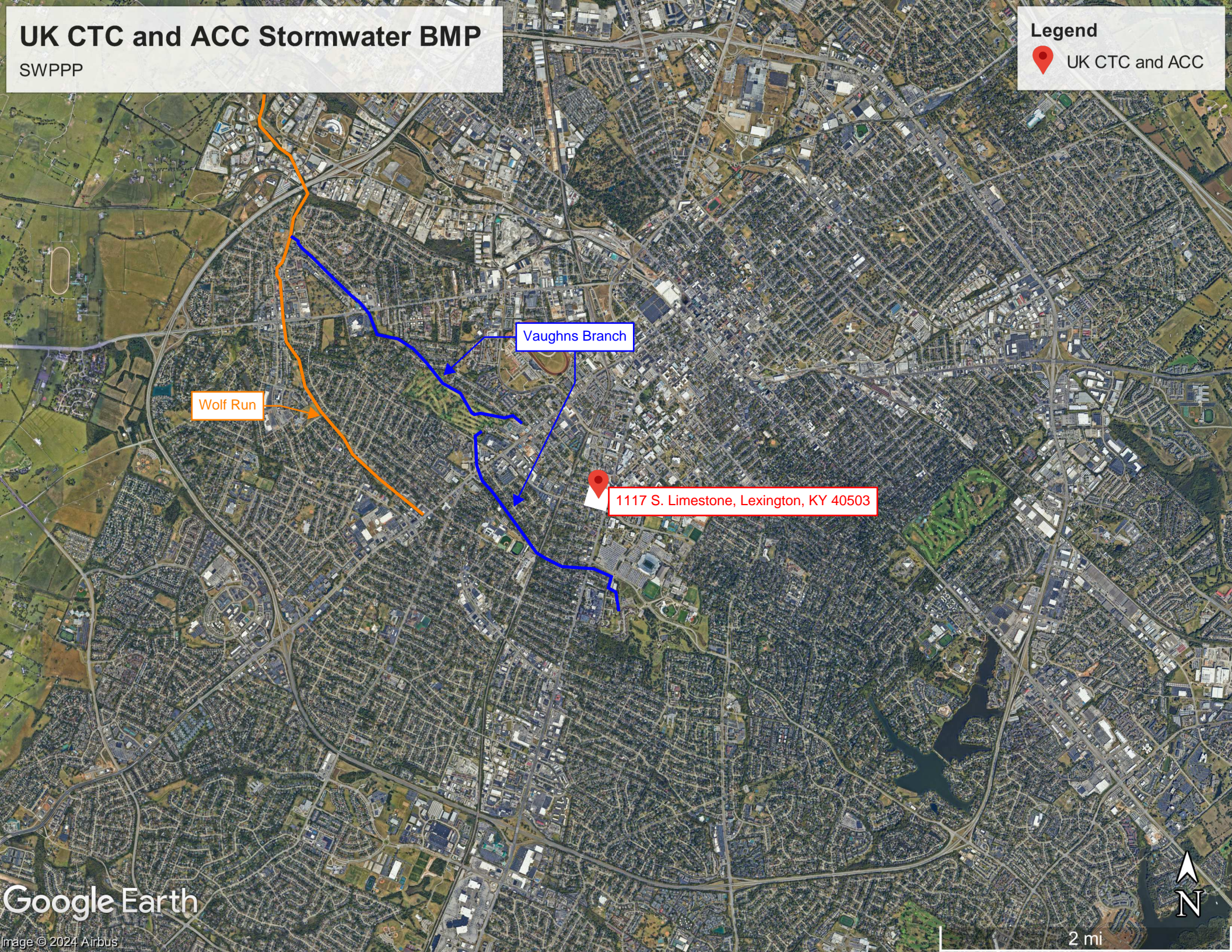
- a. **General:** The proposed Cancer Treatment Center development and land disturbance activity is located in Fayette County on land bordered by Elizabeth Street, Waller Avenue, South Limestone and Conn Terrace. The site also includes the Elizabeth Street right-of-way being realigned and extending north of Conn Terrace to Transcript Ave at the intersection with Press Avenue. Student Housing, offices and surface parking is located on the property owned by the University of Kentucky, adjacent to the Shriner's Hospital, which will remain. The University owns all of the surrounding property to the north and across South Limestone, to the east. Land to the west side of Elizabeth Street and south side of Waller Avenue is mostly privately owned residential property. The total property area planned to be disturbed during construction operations is approximately 15.13 acres, which is divided into several subprojects. The Elizabeth Street right-of-way improvements is the initial subproject and consists of approximately 4.46 acres. The following portions of the project are the excavation for the building basement (4.98 acres) and the southwestern portion of the site that will consist of internal driveways, plaza space and future building expansion area (3.13 acres). The final area is the parking structure, which consists of 2.56 acres. Sediment traps will be provided with 3,600 c.f. of storage per acre for each subproject area. The average post-construction runoff coefficient is slightly higher than the pre-construction runoff coefficient. The latitude and longitude are 38°01'45.66" and -84°30'41.87" respectively.
- b. **Site Conditions:** The topography of the majority of the site slopes approximately 23 feet in elevation from the southwest to the northeast. The Elizabeth street corridor slopes approximately 38 feet in elevation from south to north.
- c. **Receiving Waters**
 - i. **Name of Receiving Waters:** The site will drain into the Vaughns Branch and is part of the Wolf Run Creek watershed.
 - ii. **TDMLs and Pollutants of Concern in Receiving Waters:**
 1. Specific Conductivity
 2. Escherichia Coli
 3. Fecal Coliform
 - iii. **Potential Sources of Pollutants:** Sediment from land clearing and grading; fertilizer; concrete washout water; paint wash water; oil/fuel/grease from equipment; sanitary waste; trash/debris.
 - iv. **Site Watershed Map:**

UK CTC and ACC Stormwater BMP

SWPPP

Legend

-  UK CTC and ACC



Wolf Run

Vaughns Branch

1117 S. Limestone, Lexington, KY 40503



- c. **BMP's:** This project will employ the following measures as “best management practices” to ensure water quality.
 - i. All discharge from dewatering activities will pass through a sediment basin or manufactured device prior to leaving site.
 - ii. Tracking Mat's at all gates (See Site Logistics Plan) (May)
 - iii. Wheel wash stations at all gates (See Site Logistics Plan) (May)
 - iv. Stone stabilized/geo fabric laydown/staging areas (See Site Logistics Plan) (June)
 - v. Asphalt paved haul roads, parking and loading/unloading areas. (See Site Logistics Plan) (August/September)
 - vi. Silt Fencing (See Erosion Control Plan) (May)
 - vii. Sediment traps (See Erosion Control Plan) (May/June)
 - viii. Inlet Protection (See Site Logistics Plan) (May)
 - ix. Concrete Wash Out pits. (See Site Logistics Plan) (September)
 - 1. Concrete wash out will be into a lined dumpster dedicated to for this. Concrete wash out will be covered to ensure that runoff does not flow into the storm network.
 - 2. Wash out dumpsters to be changed out when at 90% capacity.
 - x. Covered Dumpsters (May)

2. Site Map:

- a. Please see attached Contract drawings as well as field generated drawings reflecting the following as requested:
 - i. Legend included on all drawings/sketches.
 - ii. Phased Site Logistics Plans
 - iii. Existing contours
 - iv. C110 Site Grading Plan (Proposed Contours)
 - v. L001 Site Erosion Control Plan
 - vi. Property lines Drawing
 - vii. Streams (None)
 - viii. Wetlands (None)
 - ix. Limits of Construction (Property line Drawing Contains this)
 - x. Trees to be Preserved (None)
 - xi. Buildings Existing and Proposed Buildings on C110 Site Grading Plan (C110-Proposed Contours)
 - xii. Existing and Proposed landscaping areas
 - xiii. Proposed pipes, inlets, and open channels included on site grading plan.
 - xiv. Construction entrances included on Erosion control plan and site logistics plan.
 - xv. Equipment storage reflected on Site Logistics Plan
 - xvi. Location of Soil Stockpiles (material to be removed from site)

- xvii. Sediment basins/sediment traps shown on logistics and erosion control drawings.
- xviii. Silt fence and sediment barriers shown on erosion control drawings.
- xix. Diversion channels (no diversion channels, we will be pumping to a storm inlet shown on erosion control drawings).
- xx. Inspection and maintenance notes:
 - 1. Contained in notes on erosion control drawings as well as the SWPPP Specifications.

3. Sediment and Erosion Control Measures

- a. As shown on the Site logistics drawing as final construction grade is reached areas are to be stabilized with the following:
 - i. Geo fabric and stone
 - ii. Asphalt paving of all haul roads, site entrances, and loading/unloading areas. This will prevent track out of stone when traveling from work areas towards roadways.
 - iii. Perimeter controls as shown in erosion control drawings for each phase. Maintained and inspected weekly and after each rain event totaling .5” of rain.
 - 1. Review SWPPP specifications for calculations of sediment basins.
 - iv. Stormwater Management Devices after Construction is completed:
 - 1. All SWPPP measures to remain in place until 70% vegetation is established.
 - 2. Stormwater detention system.
 - 3. Oil/Debris Stop System on inlet's.

4. Other Control Measures

- a. Asphalt paving to capture debris from stone areas before it's tracked to the surrounding streets.
- b. Geo fabric and stone to stabilize the site
- c. No stock piling of materials for long durations, materials brought in on an as needed basis and exported when excavated.
- d. Stabilization and asphalt will greatly reduce dust control issues and requirements of water trucks and subsequent water control. Pavement will be cleaned with a street sweeper as needed.
- e. Roof drains will be piped underground to the storm drain system to prevent surface splash and erosion.
- f. Wheel wash stations will be set up at exit gates until areas are stabilized and routed to Sediment Basins.
- g. Tracking matts will be deployed at gates in lieu of stone tracking mats for easy cleanup and maintenance.

- h. The structural control measures detailed on the Erosion Control Plan are proposed to minimize the impact of erosion. An isolator row on an underground detention system will provide permanent water quality to runoff before it leaves the site and enters the public storm sewer.
 - i. Waste Materials: All waste materials will be collected and stored in a secure metal dumpster rented from a licensed waste management company. All dumpsters shall meet all local and site solid waste regulations and shall remain covered when not in use. All trash and construction debris will be deposited in the dumpster. The dumpster will be emptied when 90% full and trash hauled to the respective approved landfill. No construction waste will be buried on site. All personnel will be instructed regarding the correct procedure for waste disposal. Notices stating these practices will be posted at the office trailer and the site superintendent will be responsible for seeing that these procedures are followed.
 - j. Hazardous Waste: The use of any hazardous material is not anticipated at this site. But in such an event all hazardous waste materials will be disposed of in a manner specified by local or state regulation or by manufacturer. Site personnel will be instructed in these practices, and the site superintendent will be responsible for seeing that these practices are followed.
5. **Good Housekeeping:** The following are material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff.
- a. The site superintendent will inspect daily to ensure proper use and disposal of materials onsite.
 - b. All waste materials will be collected and stored in a secure metal dumpster rented from licensed waste management company.
 - c. All dumpsters shall meet all local and site solid waste regulations and shall remain covered when not in use.
 - d. All trash and construction debris will be deposited in the dumpster.
 - e. The dumpster will be emptied when 90% full and trash hauled to the respective approved landfill.
 - f. No construction waste will be buried on site.
 - g. All personnel will be instructed regarding the correct procedure for waste disposal. Notices stating these practices will be posted at the office trailer and the site superintendent will be responsible for seeing that these procedures are followed.
 - h. **Compliance with Local Requirements:**
 - i. SPILL PREVENTION
 - ii. **Good Housekeeping:** The following are material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff.
 - 1. 1. An effort will be made to store only enough product to do the job.

2. All materials stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.
 3. Portable restrooms are to be located so that any spill will not enter into the stormwater runoff.
 4. Products will be kept in their original containers with original manufacturers label.
 5. Substances will not be mixed with one another unless recommended by manufacturer.
 6. Whenever possible, all of a product will be used up before disposing of the container.
 7. Manufacturers' recommendations for proper use and disposal will be followed.
 8. The site superintendent will inspect daily to ensure proper use and disposal of materials onsite.
 9. Petroleum products if stored on-site are to be contained within a double wall steel tank. Tank is to be inside of a bermed area lined with 6 mil plastic. Containment area is to be capable of withholding the entire contents of the tank in the event of a catastrophic spill.
- iii. **Hazardous Products:** Hazardous materials are not expected to be brought to the site, if they are required then the guidelines below should be followed.
1. Product will be kept in original containers unless they are not resealable.
 2. Original labels and material safety data sheets will be retained for product information.
 3. If surplus product must be disposed of, manufacturer's, local government, and state recommended methods for proper disposal shall be followed.
- iv. **Petroleum Products:** All onsite vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chances of leakage. Petroleum products will be stored in tightly sealed containers, which are clearly labeled. Portable equipment fuel tanks will be located as far away from surface water bodies as possible. All oils drained from equipment will be captured in pans or other suitable equipment and placed in drums for removal from site for disposal at an approved off-site location.
- v. **Fertilizers** used will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked into the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

- vi. **Concrete trucks** will be required to wash out or discharge surplus concrete or drum wash water into a wash out pit. The wash out pit shall be designated in an area that does not receive significant runoff and does not drain into a storm network. The wash out pit shall be emptied when less than 10 percent of the total containment depth remains. Upon the completion of the project, this area would be cleared of the concrete and the site restored.
- vii. Any **asphalt** substances used onsite will be applied according to KYDOH standards.
- i. **Spill Control Practices:** In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup.
 - i. Manufacturers' recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the locations of the information and cleanup supplies.
 - ii. Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite. Equipment and materials will include but not limited to brooms, dustpans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically designed for this purpose.
 - iii. All spills will be cleaned up immediately after discovery. 4. The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
 - iv. Spills of toxic or hazardous material will be reported to the appropriate State or local government agency, regardless of size.
 - v. The spill prevention plan will be adjusted to include measures to prevent this type of spill from reoccurring and how to clean up the spill is there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.
 - vi. The site superintendent responsible for the day-to-day site operations will be the spill prevention and cleanup coordinator. He will designate at least three other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel will be posted in the material storage area in the office trailer onsite.
- g. **Spill Notification:** In the event of a spill, make the appropriate notification(s) consistent with the following procedures.
 - 1. Any spill of gasoline greater than 25 gallons in a 24-hour period or spill of diesel fuel greater than 75 gallons in a 24-hour period must be reported to the Kentucky Environmental Response Team at (800) 928-2380. Additionally, contact the EQM who is prepared to respond and

assist. EQM may be contacted during regular business hours at its main line 323-6280 or after hours by dialing 911 from any on-campus phone or by contacting the UK Police at 257-UKPD (8573). EQM's response time is 1 hour or less.

2. Any spill of oil that 1) violates water quality standards, 2) produces a "sheen" on a surface water, or 3) causes a sludge or emulsion must be reported to the Kentucky Environmental Response Team at (800) 928-2380. Additionally, contact the EQM who is prepared to respond and assist. EQM may be contacted during regular business hours at its main line 323-6280 or after hours by dialing 911 from any on-campus phone or by contacting the UK Police at 257-UKPD (8573). EQM's response time is 1 hour or less.

3. Any spill of oil or hazardous substance to waters of the state must be reported immediately by the telephone to the Emergency Response Branch (environmental Emergency Hotline) (502) 564-2380 immediately upon discovery. Additionally, contact the EQM who is prepared to respond and assist. EQM may be contacted during regular business hours at its main line 323-6280 or after hours by dialing 911 from any on-campus phone or by contacting the UK Police at 257-UKPD (8573). EQM's response time is 1 hour or less.

4. Any release of a hazardous substance that may be a threat to human health or the environment must be reported to the Emergency Response Branch (environmental Emergency Hotline) (502) 564-2380 immediately upon discovery. Additionally, contact the EQM who is prepared to respond and assist. EQM may be contacted during regular business hours at its main line 323-6280 or after hours by dialing 911 from any on-campus phone or by contacting the UK Police at 257-UKPD (8573). EQM's response time is 1 hour or less.

h. CONTRACTORS AND SUBCONTRACTORS

- a. As part of the BMP implementation schedule, the CM shall clearly state the Contractor or Subcontractor that will implement each control measure identified on the BMP plan.
- b. The following BMP's will be installed by Louisville paving:
 - i. Silt Fencing
 - ii. Sediment Basins
 - iii. Wheel Washes
 - iv. Tracking mats
 - v. Soil stabilization
 - vi. Inlet protection
- c. The following BMP's will be installed by E.C. Matthews
 - i. Covered dumpsters

- ii. Concrete wash out stations.
- d. At this time no other individuals have been contracted with, this plan will be amended as bid packages have been reconciled and contracts awarded.

6. Maintenance:

- a. Weekly SWPPP inspections per the LFUGC Inspection documentation requirements by Louisville Paving.
- b. Event inspections if .5" of rain is received.
- c. Event inspections following accumulation of 4" of snow or more.
- d. Visual inspection to ensure all measures are in working order as needed be onsite superintendent who will be managing sitework.
- e. After construction site is accessed, principal sediment fence barriers, as applicable, shall be installed, with addition of temporary traps and barriers as needed during grading operation.
- f. Sediment basins shall be inspected every 7 days/event and cleaned out as necessary to maintain 3,600 c.f. of storage per acre.
- g. Silt fence will be inspected every 7 days/event to ensure no broken stakes, wear, degradation of geo fabric, tears, holes or weakness and replaced as necessary. Silt shall be removed from silt fence when build- up reaches 1/3 of total fence height.
- h. Rock checks shall be inspected every 7 days/event to check for erosion, sediment buildup shall be removed when it reached 1/3 the original check height.
- i. Tracking mats will be inspected daily and cleaned when the mat has reached 1/3 depth from original. The RubberForm trackout Control Mat do not require graded surface, anchors, brackets, or pre-installation work. mat is cleaned by picking them up and cleaning under them and re-installing them.
- j. Catch basin inlet protection shall be inspected every 7 days/event and sediment that has been collected shall be removed. Care shall be taken to ensure sediment has been disposed of in a location that is not susceptible to erosion.
- k. After the entire site is stabilized, the accumulated sediment will be removed from the trap or basin and the check dams and silt fence removed as applicable.
- l. When required sediment traps/settlement basins will be cleaned via Vac-truck to ensure base structure/stabilization has not been disturbed.
- m. A Notice of Termination inspection led by the contractor/design team is with EQM is required prior to filing the NOT. EQM may be contacted during regular business hours at its main line 323-6280.

7. Contractor and Subcontractor Certification Statement (Attached).

1. Construction Manager

- a. "I certify under penalty of law that I understand the terms and conditions of the general National Pollution Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification."

Walsh Construction II	Chris Deiss
Company Name, Address and Phone (312) 931-7571	Name Senior Superintendent
929 W. Adams	Title 1117 S. Limestone
Chicago, IL 60607	1117 S. Limestone Lexington, KY 40503
	Site Address
	Chris Deiss <small>Digitally signed by Chris Deiss DN: e=US ou=Walsh ou=Walshgroup.com, o=Walsh Construction, cn=Chris Deiss Date: 2023.02.28 10:47:56-0700</small>
	Signature

2. Earthwork Contractor

- a. "I certify under penalty of law that I understand the terms and conditions of the general National Pollution Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification."

Louisville Paving and Construction	Clay Lampl
Company Name, Address and Phone (502) 583-1726	Name Project Manager
15415 Shelbyville Road	Title 1117 S. Limestone
Louisville, KY 40245	1117 S. Limestone Lexington, KY 40503
	Site Address
	Clay Lampl , Users <small>Digitally signed by Clay Lampl , Users DN: CN=Clay Lampl, CN=Users, DC=lpstinc, DC=local Reason: I agree to the terms defined by the placement of my signature on this document Date: 2023.05.24 11:27:00 -0400</small>
	Signature

3. Storm Sewer Contractor

- a. "I certify under penalty of law that I understand the terms and conditions of the general National Pollution Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification."

Woodford Excavation & Transport	Justin C. Lucas
Company Name, Address and Phone (859) 873-2237	Name Vice President
310 Fielding Dr, P.O Box 122	Title 1117 S. Limestone
Versailles, KY 40383	1117 S. Limestone Lexington, KY 40503
	Site Address
	<i>Justin C. Lucas</i>
	Signature

4. Site Utility Contractor

- a. "I certify under penalty of law that I understand the terms and conditions of the general National Pollution Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification."

<u>Woodford Excavation & Transport</u>	<u>Justin C. Lucas</u>
<u>Company Name, Address and Phone</u> <u>(859) 873-2237</u>	<u>Name</u> <u>Vice President</u>
<u>310 Fielding Dr, P.O Box 122</u>	<u>Title</u> <u>1117 S. Limestone</u>
<u>Versailles, KY 40383</u>	<u>Lexington, KY 40503</u>
	<u>Site Address</u>
	<u><i>Justin C. Lucas</i></u>
	<u>Signature.</u>

5. General Trades Contractor

- a. "I certify under penalty of law that I understand the terms and conditions of the general National Pollution Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification."

<u>E.C. Matthews</u>	<u>Danny Price</u>
<u>Company Name, Address and Phone</u> <u>(859) 699-4125</u>	<u>Name</u> <u>Vice President</u>
<u>1218 S Broadway, Suite 375</u>	<u>Title</u> <u>1117 S. Limestone</u>
<u>Lexington, KY 40504</u>	<u>Lexington, KY 40503</u>
	<u>Site Address</u>
	<u>Danny Price</u>
	<u>Signature</u>

6. Future Contractors

- a. "I certify under penalty of law that I understand the terms and conditions of the general National Pollution Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification."

<u>Company Name, Address and Phone</u>	<u>Print Name/Signature</u>
<u>Company Name, Address and Phone</u>	<u>Print Name/Signature</u>
<u>Company Name, Address and Phone</u>	<u>Print Name/Signature</u>
<u>Company Name, Address and Phone</u>	<u>Print Name/Signature</u>

SWPPP Contact Information

Weekly/Event Inspections will be conducted by the following certified personnel:
Clay Lampl (502) 297-1619 Email clampl@loupaving.com
Jensen Christy (502) 249-1095



University of
Kentucky

Kentucky Transportation Center

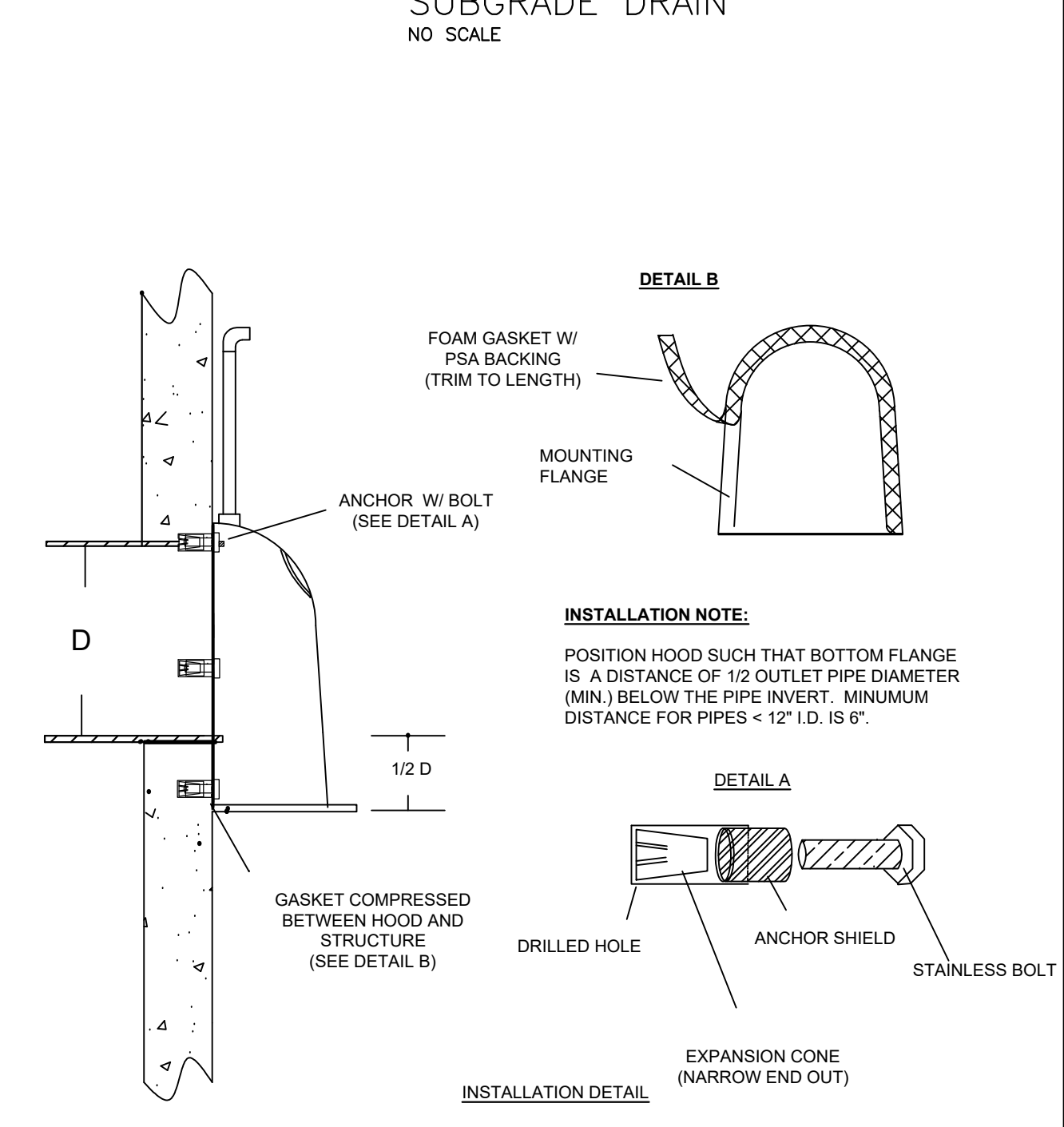
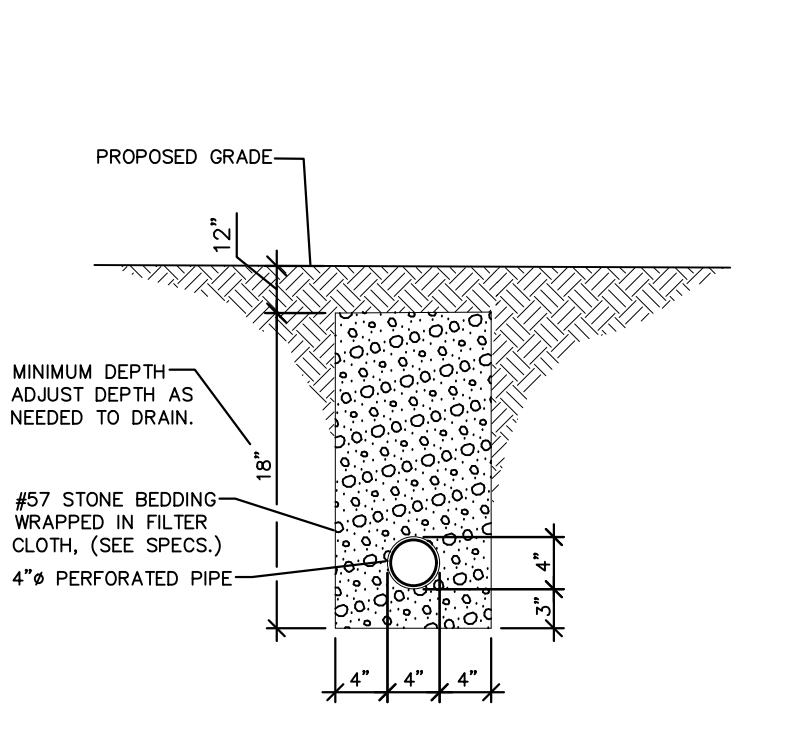
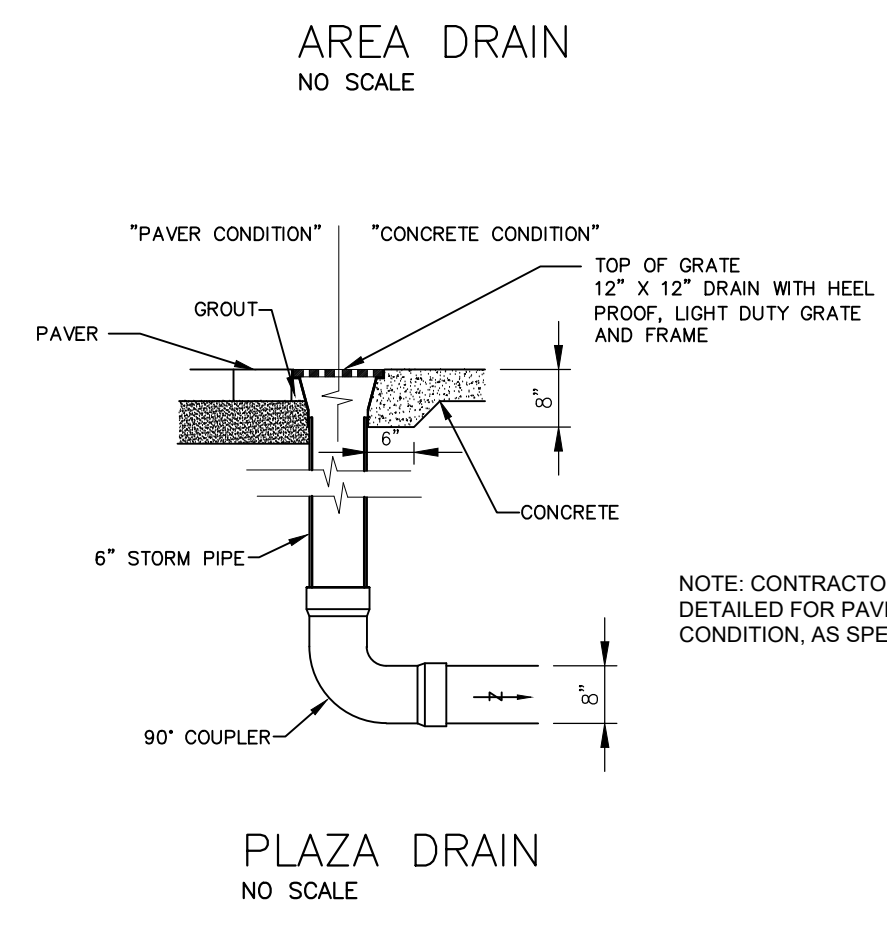
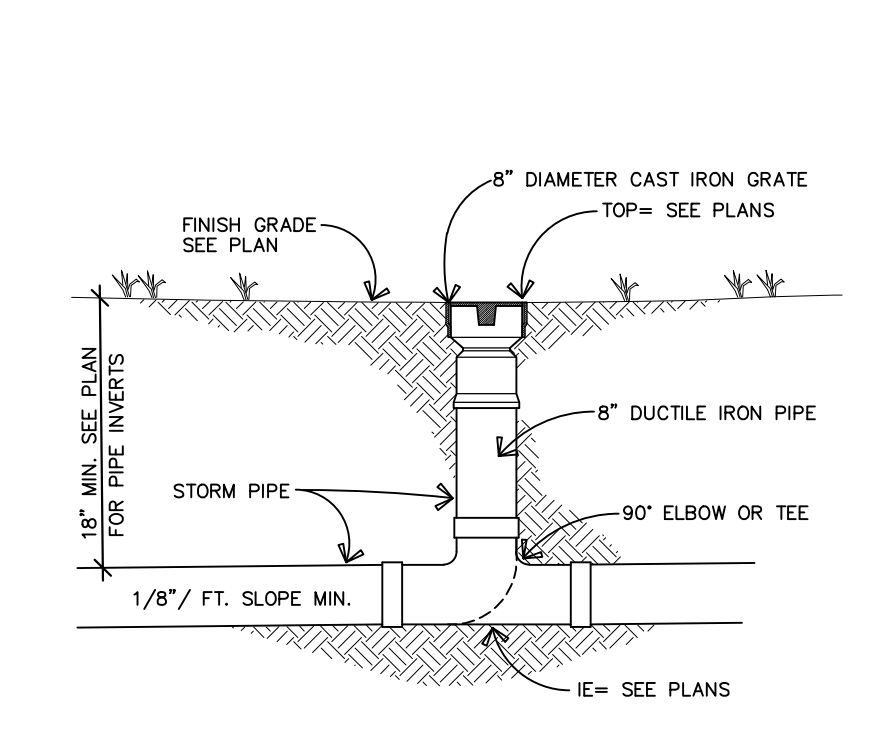
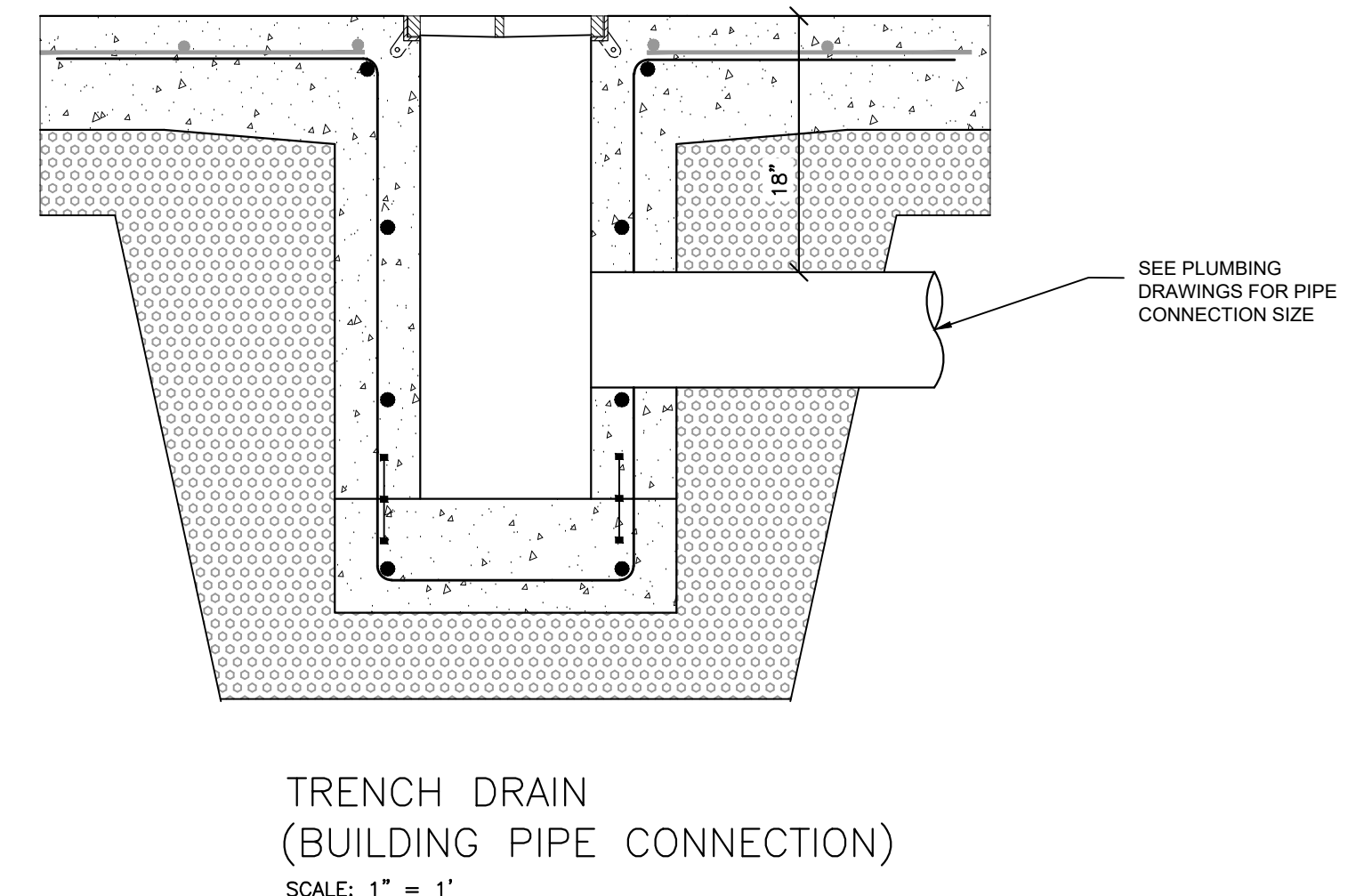
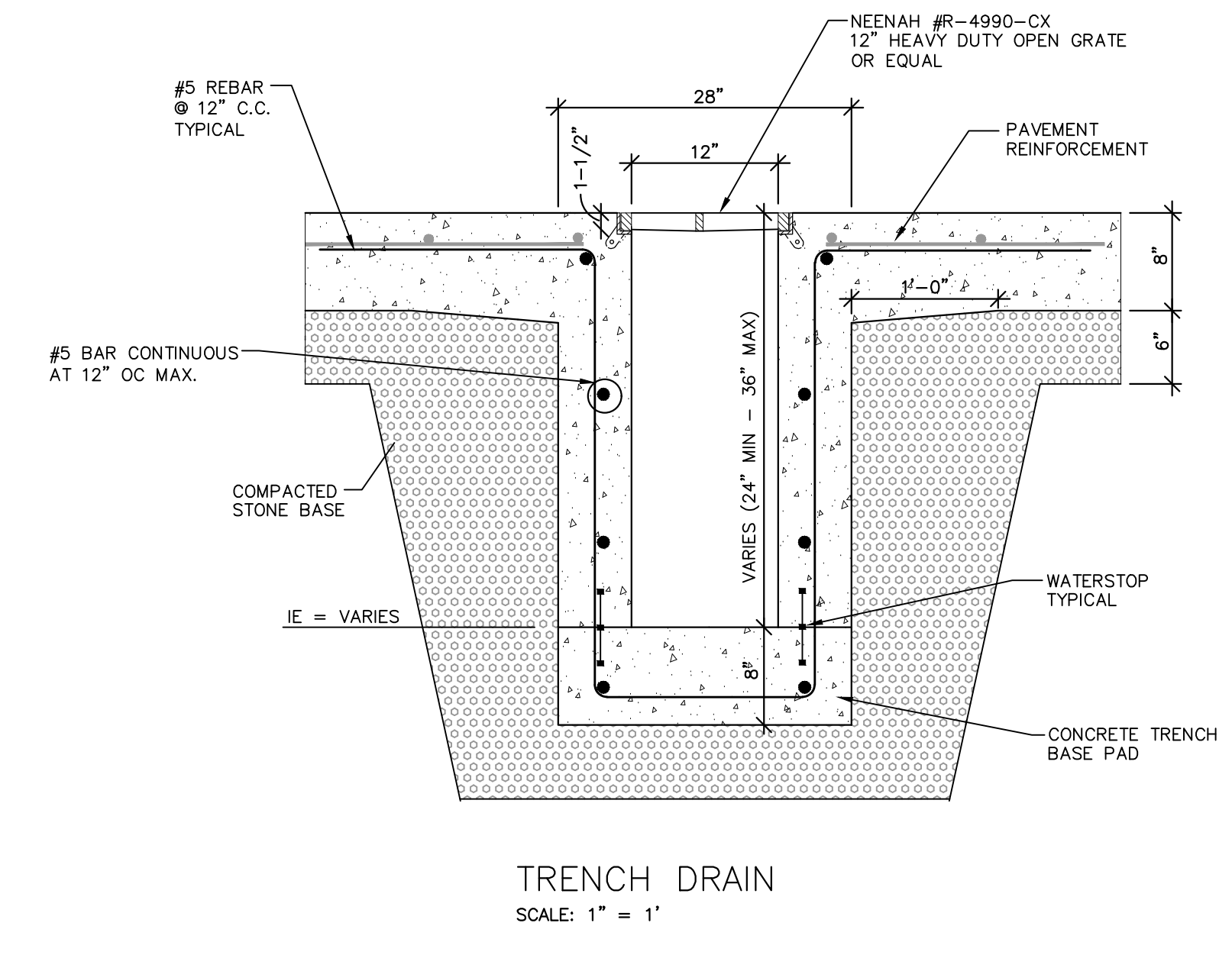
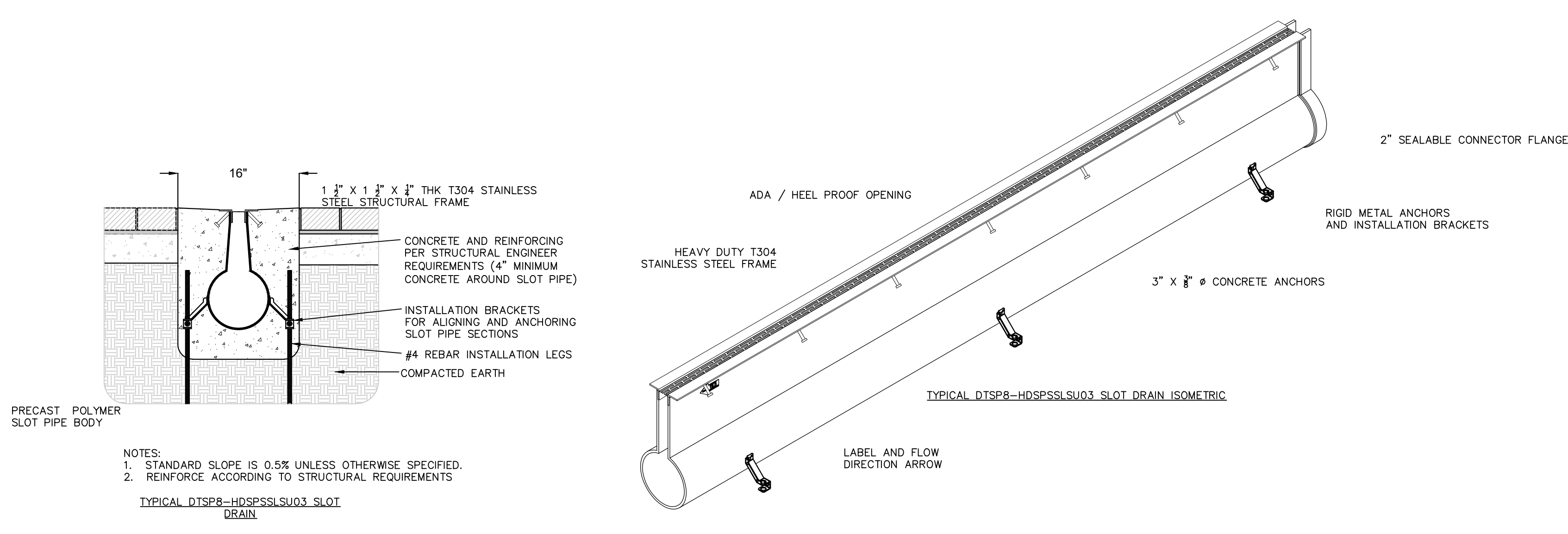
Jensen T Christy

Has successfully completed a course of study and is qualified as a

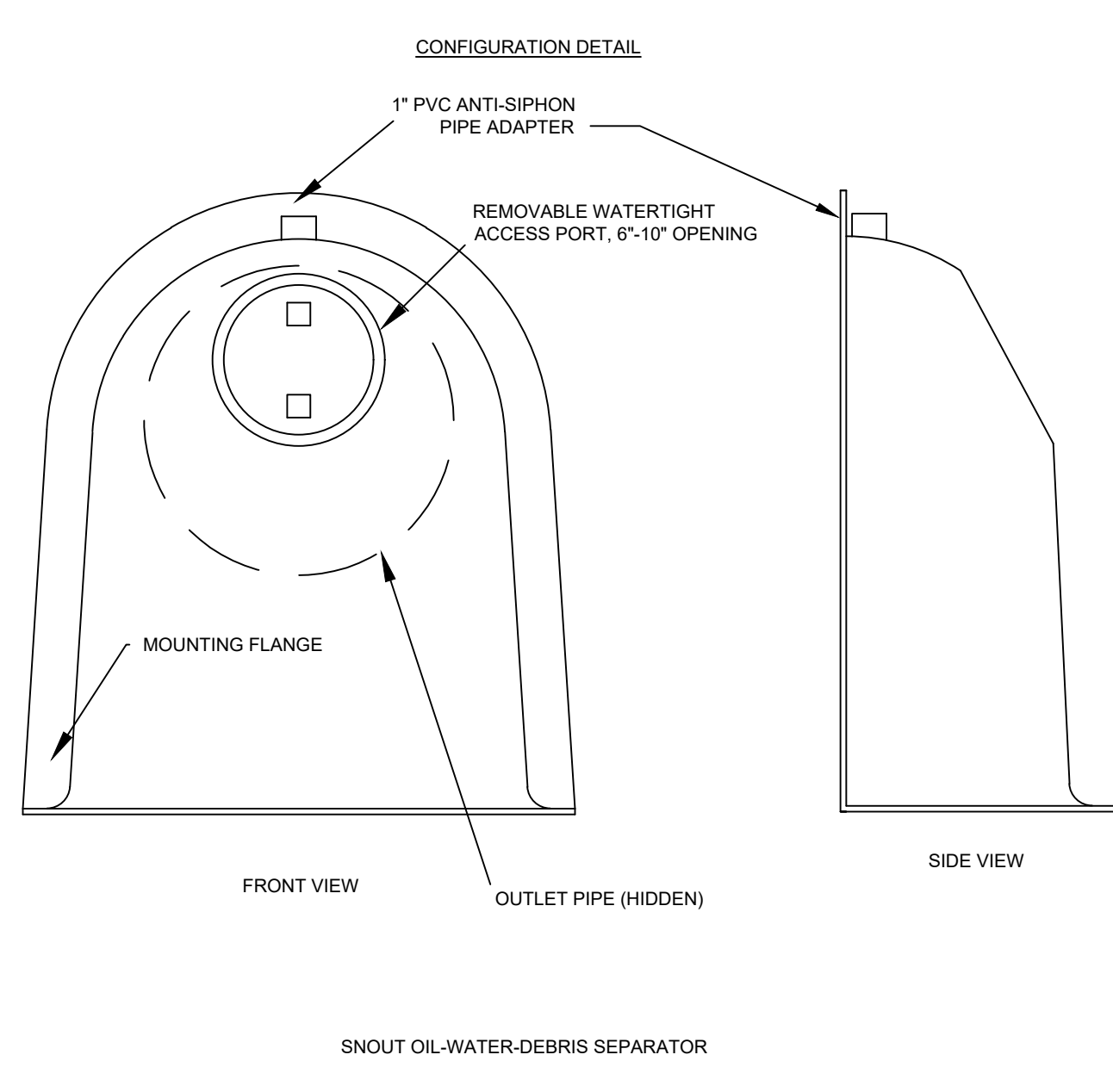
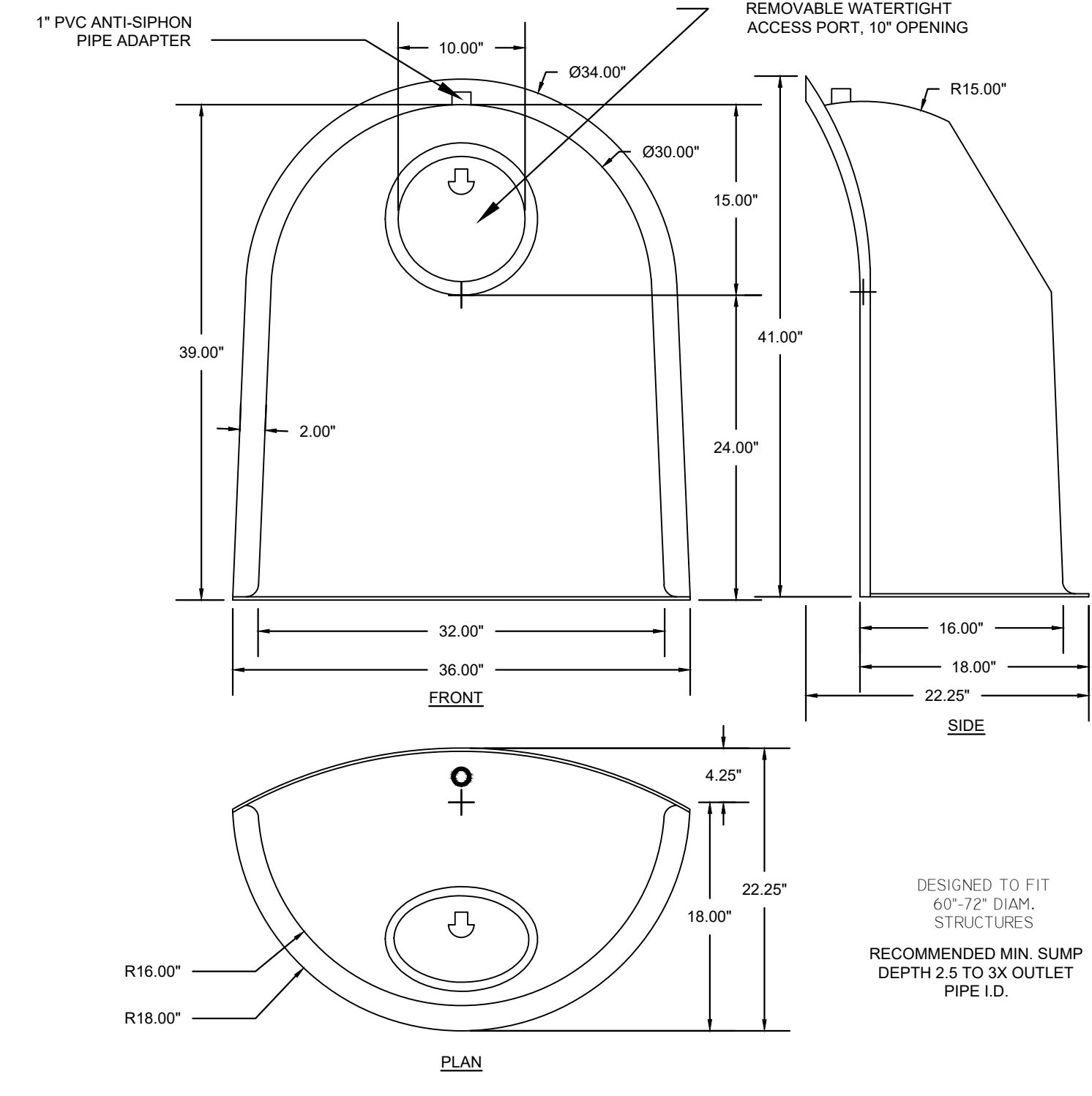
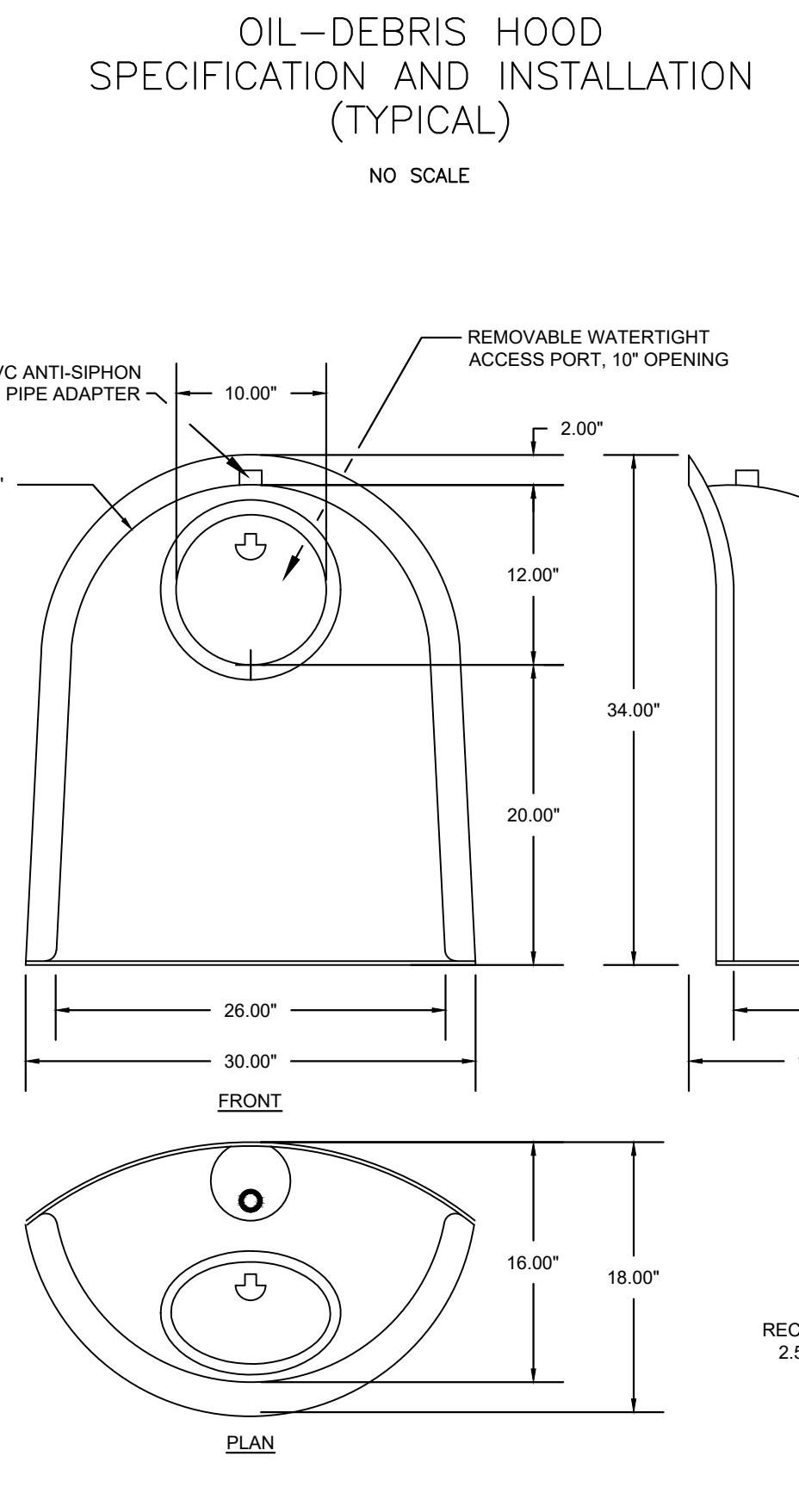
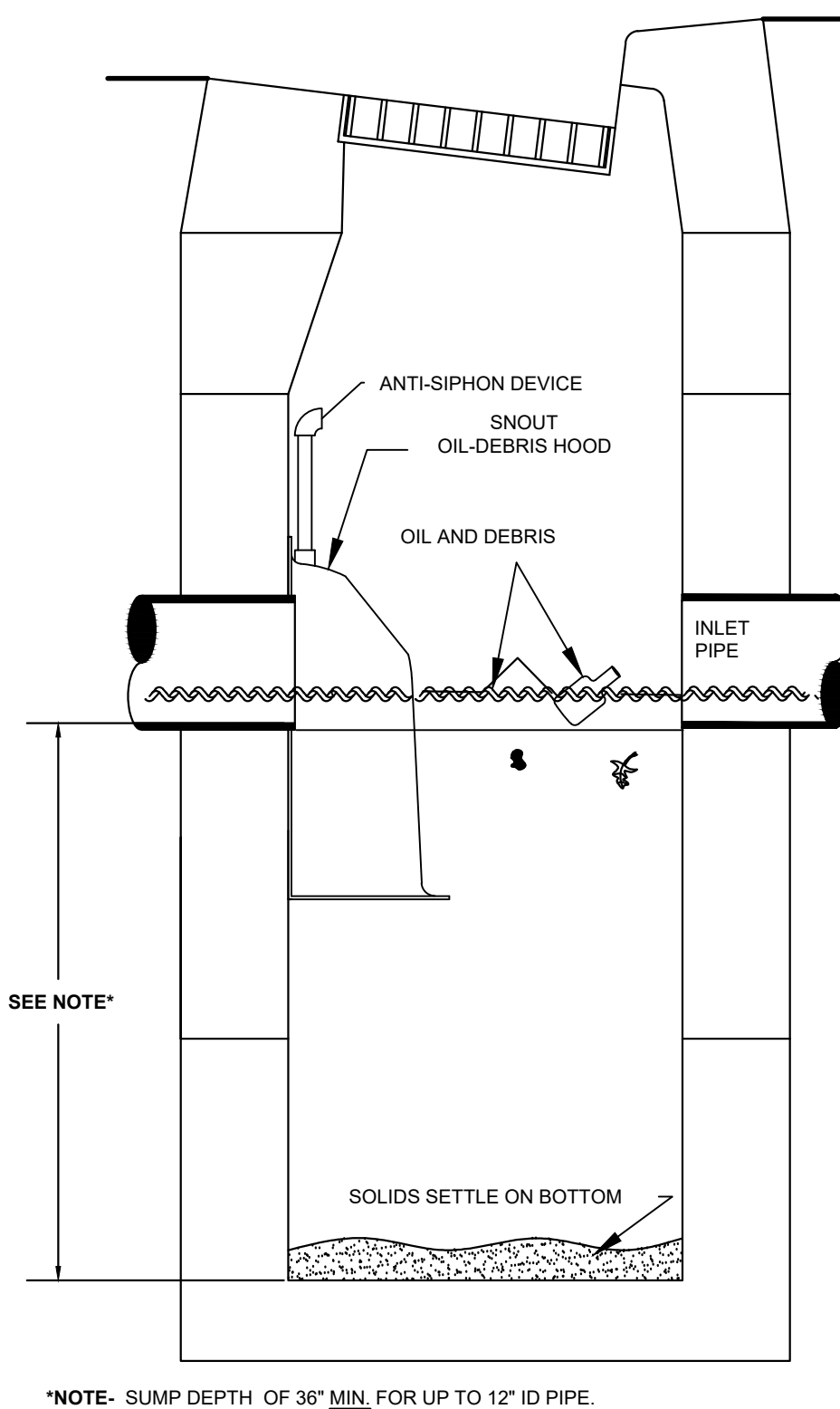
KEPSC ROADWAY INSPECTOR

Date: September 20, 2023

No. K230900288



- NOTES:**
- ALL HOODS AND TRAPS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY: BEST MANAGEMENT PRODUCTS, INC. 9 MATHEWS DRIVE, UNIT A1-A2, EAST HADDAM, CT 06423. TOLL FREE: (800) 504-8008 OR (888) 434-0277. FAX: (877) 434-3197. WEB SITE: www.bmpinc.com OR PRE-APPROVED EQUAL.
 - ALL HOODS SHALL BE CONSTRUCTED OF A GLASS REINFORCED RESIN COMPOSITE WITH ISO GEL COAT EXTERIOR FINISH WITH A MINIMUM 0.125" LAMINATE THICKNESS.
 - ALL HOODS SHALL BE EQUIPPED WITH A WATERTIGHT ACCESS PORT, A MOUNTING FLANGE, AND AN ANTI-SIPHON VENT PIPE AND ELBOW AS DRAWN. (SEE CONFIGURATION DETAIL).
 - THE SIZE AND POSITION OF THE HOOD SHALL BE DETERMINED BY OUTLET PIPE SIZE AS PER MANUFACTURER'S RECOMMENDATION (SNOUT SIZE ALWAYS LARGER THAN PIPE SIZE).
 - THE BOTTOM OF THE HOOD SHALL EXTEND DOWNWARD A MINIMUM DISTANCE EQUAL TO 1/2 THE OUTLET PIPE DIAMETER WITH A MINIMUM DISTANCE OF 6" FOR PIPES < 12" I.D.
 - THE ANTI-SIPHON VENT SHALL EXTEND ABOVE HOOD BY MINIMUM OF 3" AND A MAXIMUM OF 12" ACCORDING TO STRUCTURE CONFIGURATION.
 - THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL AND PIPE SHALL BE FINISHED FLUSH TO WALL.
 - ALL STRUCTURE JOINTS SHALL BE WATERTIGHT.
 - THE HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH 3/8" STAINLESS STEEL BOLTS AND OIL-RESISTANT GASKET AS SUPPLIED BY MANUFACTURER. (SEE INSTALLATION DETAIL).
 - INSTALLATION INSTRUCTIONS SHALL BE FURNISHED WITH MANUFACTURER SUPPLIED INSTALLATION KIT. INSTALLATION KIT SHALL INCLUDE:
A. INSTALLATION INSTRUCTIONS
B. PVC ANTI-SIPHON VENT PIPE AND ADAPTER
C. OIL-RESISTANT CRUSHED CELL FOAM GASKET WITH PSA BACKING
D. 3/8" STAINLESS STEEL BOLTS
E. ANCHOR SHIELDS



18R SNOUT OIL & DEBRIS STOP

NO SCALE

24R SNOUT OIL & DEBRIS STOP

NO SCALE

30R SNOUT OIL & DEBRIS STOP

NO SCALE

CHAMPLIN ARCHITECTURE

720 EAST PETE ROSE WAY
CINCINNATI, OH 45202
T 513.241.4474
thinkchamplin.com

HGA

420 North 5th Street, Suite 100
Minneapolis, Minnesota 55401
Telephone 612.758.4000

THP

AEI Affiliated Engineers

CMTA

OLIN

CARMAN LANDSCAPE ARCHITECTURE CIVIL ENGINEERING

WALSH CONSULTING GROUP

bell

CDM Smith

PIVOTAL lighting design

UK HEALTHCARE

Cancer Treatment Center + Advanced Ambulatory Center

1220 Elizabeth St.
Lexington, KY 40536

UK Project Number 2563.0

ISSUANCES

No.	Description	Date
1	C&S 100% DD REVIEW	01/10/24
2	C&S 90% CD	03/05/24
3	C&S 100% CD REVIEW	04/09/24
4	BP-07 BID & PERMIT	04/30/24

Drawn By: LMD
Checked By: TFH
Client Number: 514
Project Number: 6926

DRAWING TITLE

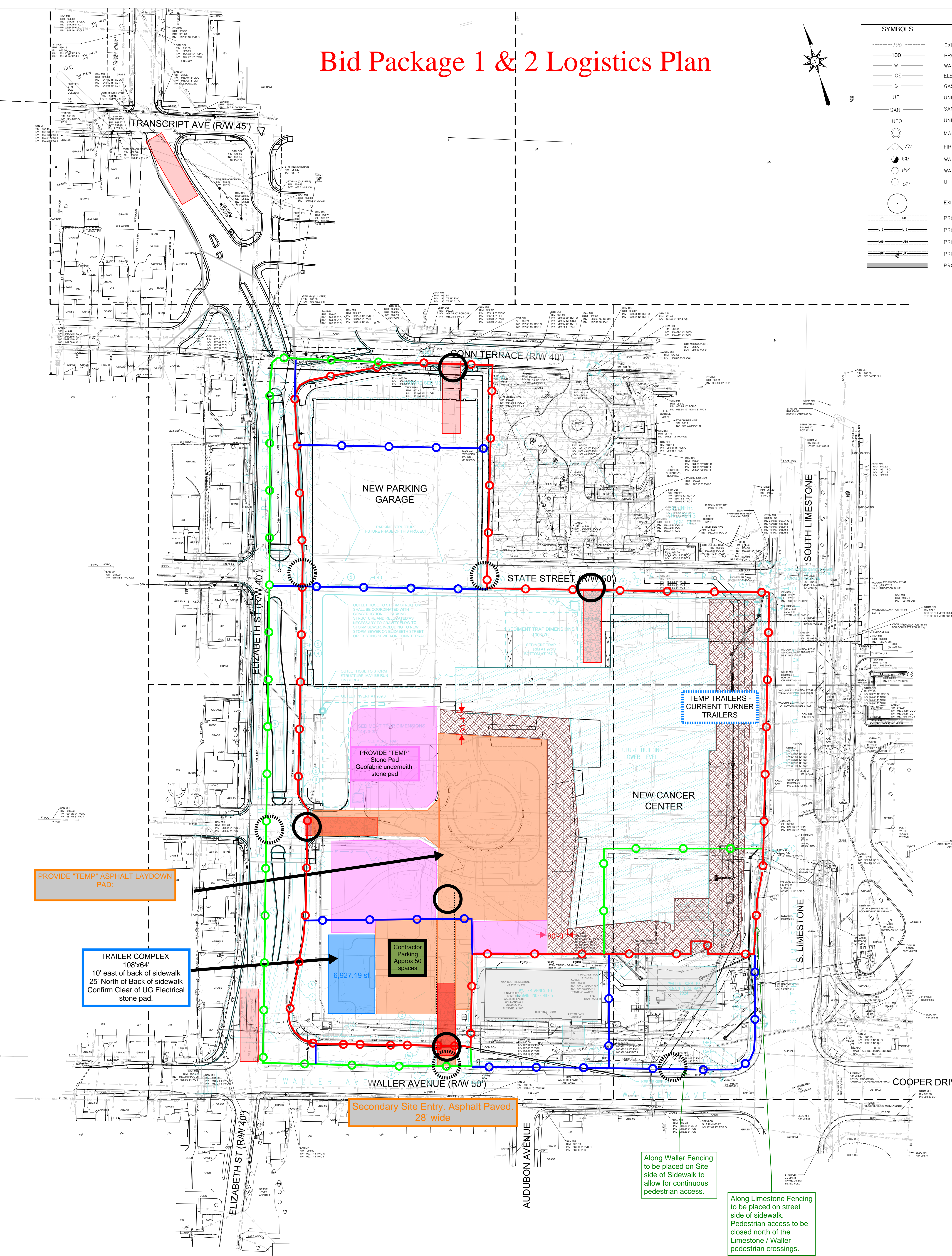
STORM DRAINAGE DETAILS

SHEET NO. **C311**

Author: 3/29/2024 12:07:23 PM Autodesk Docs://51448926 - UKHC Cancer Treatment & Advanced Ambulatory Center/AS2-UKC-SHELLCORE-2148262.rvt

3/29/2024 12:07:23 PM

Bid Package 1 & 2 Logistics Plan



SITE LEGEND

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
---100---	EXISTING CONTOUR ELEVATION	X 520.0	EXISTING SPOT ELEV.
---	PROPOSED CONTOUR ELEVATION	±520.0	PROPOSED SPOT ELEV.
W	WATER LINE	---	EDGE OF PAVEMENT
OE	ELECTRIC LINE	---	PROPERTY BOUNDARY
G	GAS LINE	---	EASEMENT
UT	UNDERGROUND TELEPHONE LINE	---	GAS METER
SAN	SANITARY SEWER LINE	CM	BENCH MARK
UFO	UNDERGROUND FIBER OPTIC	+	EXISTING FENCE
○	MANHOLE	DND	DO NOT DISTURB
○ FH	FIRE HYDRANT	---	EXISTING COMMUNICATION LINE
○ WM	WATER METER	---	EXISTING COMMUNICATION DUCT BANK
○ WV	WATER VALVE	---	EXISTING ELECTRIC
○ UP	UTILITY POLE	---	EXISTING STEAM LINE
○	EXISTING TREE	---	EXISTING ELECTRIC HIGH VOLTAGE
---	PROPOSED UNDERGROUND COMMUNICATIONS	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND DISTRIBUTION (KU)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND TRANSMISSION (KU)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND DISTRIBUTION (UK)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED STORM DRAINAGE PIPING		

- UTILITY PLAN NOTES:**
- WATER MAIN DESIGN AND INSTALLATION BY KENTUCKY AMERICAN WATER.
 - FIRE HYDRANT ASSEMBLY BY KENTUCKY AMERICAN WATER.
 - GAS MAIN DESIGN BY COLUMBIA GAS.
 - SEE SHEETS U300, U301 AND U302 FOR SANITARY SEWER PLAN AND PROFILE SHEETS.
 - SEE SHEET C100.2 AND C100.4 FOR STORM DRAINAGE PLAN, AREA 2 AND 4.
 - ELIZABETH STREET STORM DRAINAGE SYSTEM. SEE ELIZABETH STREET ROAD IMPROVEMENT PLANS.
 - NEW ELECTRIC/COMMUNICATION LINES. SEE SHEETS EU (BID PACKAGE 01) FOR INFORMATION.
 - NEW THERMAL UTILITIES. SEE SHEETS SU (BID PACKAGE 02) FOR INFORMATION.
 - NEW THERMAL TUNNEL/STRUCTURE. SEE SHEETS SU (BID PACKAGE 02) FOR INFORMATION.
 - UTILITIES INCLUDED IN SHEETS U200 THROUGH U205 REFER TO WATER, SEWER, NATURAL GAS AND STORM. OTHER PROPOSED UTILITIES ARE DETAILED ON OTHER DRAWINGS.

BEFORE YOU DIG:
 KENTUCKY STATUTES (KRS 367.4603 THROUGH 367.4617) REQUIRE THAT ALL EXCAVATORS PLANNING EXCAVATION OR DEMOLITION WORK SHALL CALL ALL UTILITY COMPANIES IN THE AREA AND/OR AN UNDERGROUND PROTECTIONS SERVICE SUCH AS "811" (1-800-752-6007) NOT LESS THAN TWO (2) BUSINESS DAYS NOR MORE THAN TEN (10) BUSINESS DAYS PRIOR TO COMMENCING WORK TO NOTIFY UTILITY COMPANIES IN THE AREA WITH UNDERGROUND FACILITIES OF THE PLANNED EXCAVATION OR DEMOLITION ACTIVITIES.

- EARLY PHASED FENCELINE/SILT FENCE DURING CLEAR AND GRUB OF SITE
- PRIMARY SITE FENCELINE/SILT FENCE FOR MAJORITY OF JOB DURATION
- PHASED FENCELINE/SILT FENCE LOCATIONS. ASSUME ALL IN PLACE WHILE PRIMARY FENCELINE IS ALSO IN PLACE. SWPPP SILT FENCING SHOULD BE ANTICIPATED TO HAVE SIMILAR PHASED LOCATIONS IN ADDITION TO EROSION CONTROL PLANS AS SHOWN ON DRAWINGS.

- PERMANENT VEHICLE GATE LOCATION
- TEMPORARY VEHICLE GATE LOCATION

- SWPPP CONSTRUCTION ENTRANCES. LOCATIONS WILL SHIFT WITH SHIFTING FENCELINE AND GATE LOCATIONS.
- TWO SWPPP CONSTRUCTION ENTRANCES HAVE BEEN LOCATED FOR ELIZABETH STREET WORK.

- TRAILER LOCATION
- ASPHALT LAYDOWN AND WALSH PARKING LOT
- STONE LAYDOWN
- APPROXIMATE AREA OF OVERDIG / SLOPED EXCAVATION

PROVIDE "TEMP" ASPHALT LAYDOWN PAD.

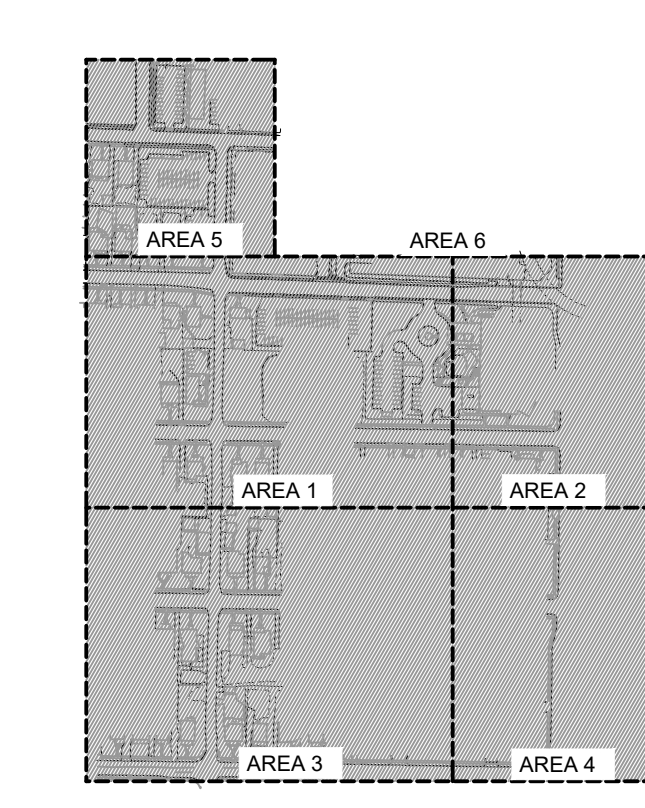
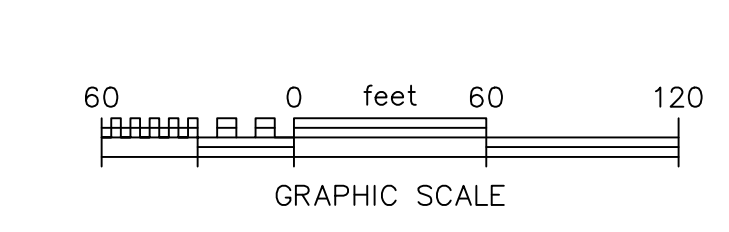
TRAILER COMPLEX
 108x64'
 10' east of back of sidewalk
 25' North of Back of sidewalk
 Confirm Clear of UG Electrical stone pad.

Contractor Parking
 Approx 50 spaces
 6,927.19 sf

Secondary Site Entry. Asphalt Paved
 28' wide

Along Waller Fencing to be placed on Site side of Sidewalk to allow for continuous pedestrian access.

Along Limestone Fencing to be placed on street side of sidewalk. Pedestrian access to be closed north of the Limestone / Waller pedestrian crossings.



CHAMPLIN ARCHITECTURE
 2333 Alexandria Drive
 Lexington, KY 40504
 T 859.331.5995
 thinkchamplin.com
 THINK CREATE REALIZE

HGA
 420 North 5th Street, Suite 100
 Minneapolis, Minnesota 55401
 Telephone 612.758.4000

THP
AEI Affiliated Engineers

CMTA
OLIN

CARMAN LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING

WALSH CONSULTING GROUP
bell engineering

CDM Smith
PIVOTAL lighting design

UK HEALTHCARE
Cancer Treatment Center + Advanced Ambulatory Center
 LEXINGTON, KENTUCKY
 UK Project Number 2563.0

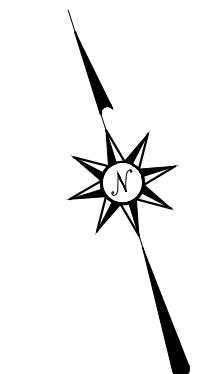
ISSUANCES

No.	Description	Date
		12/18/23

DRAWING TITLE
Site Logistics Plan

SHEET NO.

Bid Package 1 & 2 Logistics Plan



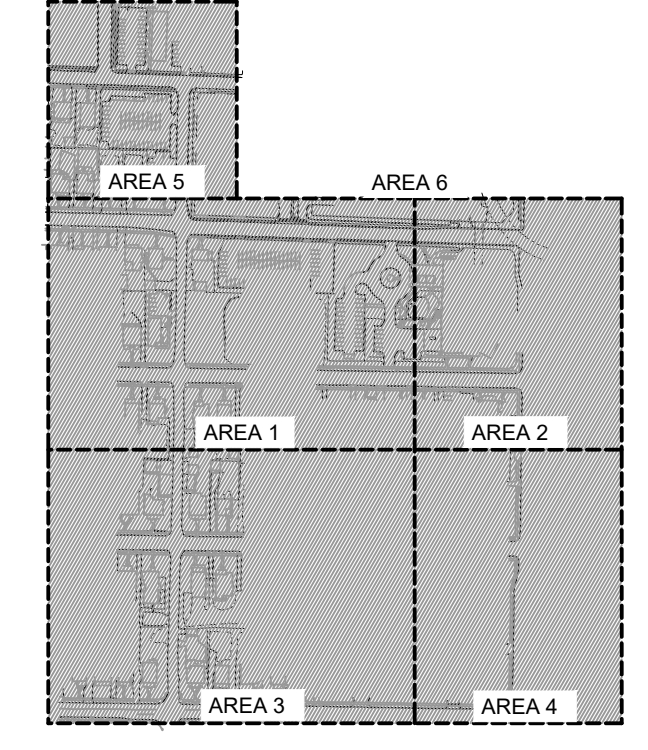
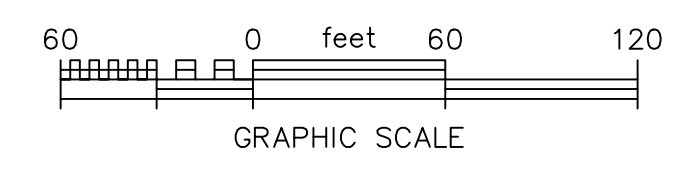
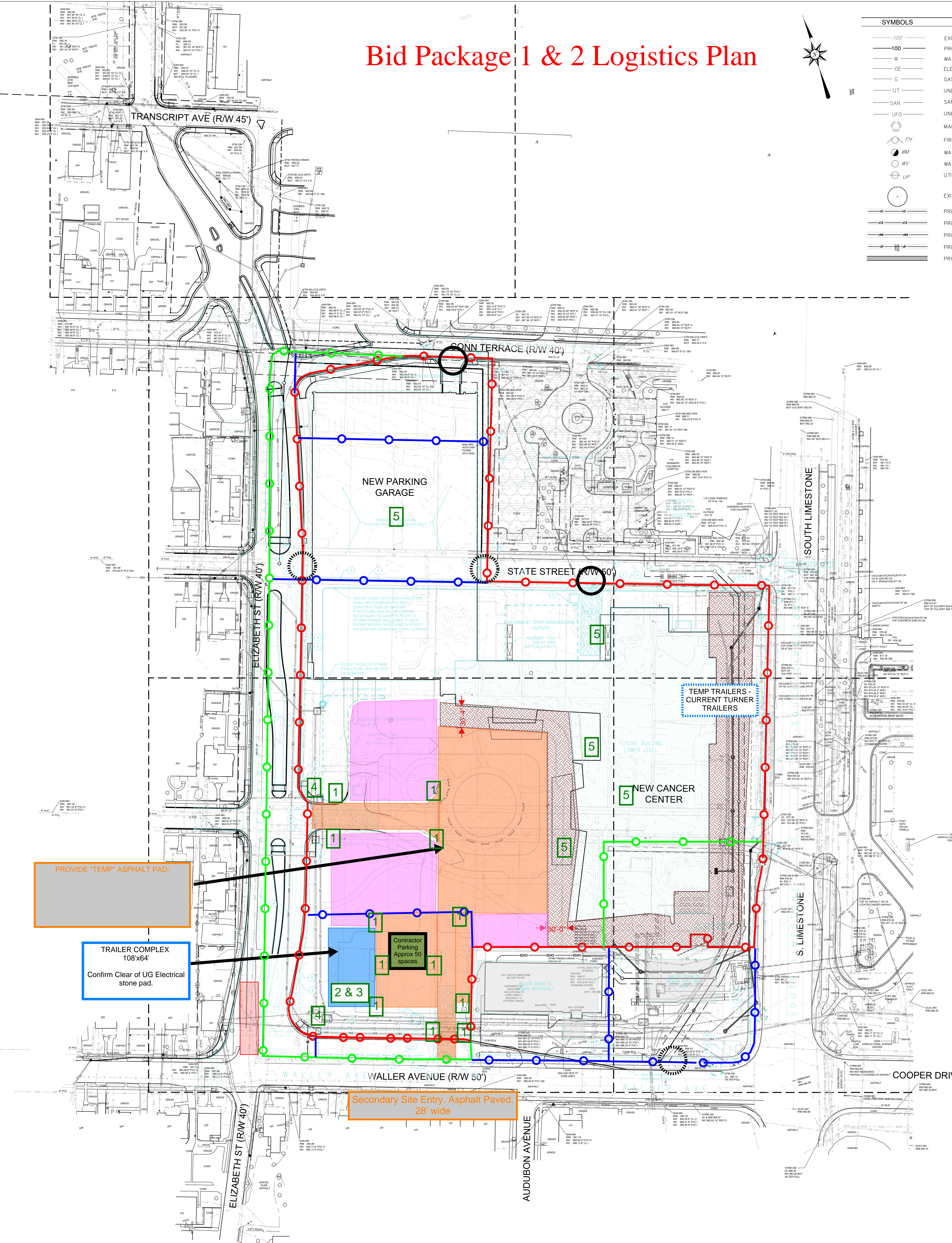
SITE LEGEND			
SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
---100---	EXISTING CONTOUR ELEVATION	X 520.0	EXISTING SPOT ELEV.
---	PROPOSED CONTOUR ELEVATION	+520.0	PROPOSED SPOT ELEV.
W	WATER LINE	---	EDGE OF PAVEMENT
OE	ELECTRIC LINE	---	PROPERTY BOUNDARY
G	GAS LINE	---	EASEMENT
UT	UNDERGROUND TELEPHONE LINE	---	GAS METER
SAN	SANITARY SEWER LINE	CM	BENCH MARK
UFO	UNDERGROUND FIBER OPTIC	+	EXISTING FENCE
MH	MANHOLE	DND	DO NOT DISTURB
FH	FIRE HYDRANT	---	EXISTING COMMUNICATION LINE
WM	WATER METER	---	EXISTING COMMUNICATION DUCT BANK
WV	WATER VALVE	---	EXISTING ELECTRIC
UP	UTILITY POLE	---	EXISTING STEAM LINE
---	EXISTING TREE	---	EXISTING ELECTRIC HIGH VOLTAGE
---	PROPOSED UNDERGROUND COMMUNICATIONS	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND DISTRIBUTION (KU)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND TRANSMISSION (KU)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND DISTRIBUTION (UK)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED STORM DRAINAGE PIPING		

- UTILITY PLAN NOTES:
1. WATER MAIN DESIGN AND INSTALLATION BY KENTUCKY AMERICAN WATER.
 2. FIRE HYDRANT ASSEMBLY BY KENTUCKY AMERICAN WATER.
 3. GAS MAIN DESIGN BY COLUMBIA GAS.
 4. SEE SHEETS U300, U301 AND U302 FOR SANITARY SEWER PLAN AND PROFILE SHEETS.
 5. SEE SHEET C100.2 AND C100.4 FOR STORM DRAINAGE PLAN, AREA 2 AND 4.
 6. ELIZABETH STREET STORM DRAINAGE SYSTEM. SEE ELIZABETH STREET ROAD IMPROVEMENT PLANS.
 7. NEW ELECTRIC/COMMUNICATION LINES. SEE SHEETS EU (BID PACKAGE 01) FOR INFORMATION.
 8. NEW THERMAL UTILITIES. SEE SHEETS SU (BID PACKAGE 02) FOR INFORMATION.
 9. NEW THERMAL TUNNEL/STRUCTURE. SEE SHEETS SU (BID PACKAGE 02) FOR INFORMATION.
 10. UTILITIES INCLUDED IN SHEETS U200 THROUGH U205 REFER TO WATER, SEWER, NATURAL GAS AND STORM. OTHER PROPOSED UTILITIES ARE DETAILED ON OTHER DRAWINGS.

BEFORE YOU DIG:
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- EARLY PHASED FENCELINE/SILT FENCE DURING CLEAR AND GRUB OF SITE
 - PRIMARY SITE FENCELINE/SILT FENCE FOR MAJORITY OF JOB DURATION
 - PHASED FENCELINE/SILT FENCE LOCATIONS. ASSUME ALL IN PLACE WHILE PRIMARY FENCELINE IS ALSO IN PLACE.
- SWPPP SILT FENCING SHOULD BE ANTICIPATED TO HAVE SIMILAR PHASED LOCATIONS IN ADDITION TO EROSION CONTROL PLANS AS SHOWN ON DRAWINGS.

- TRAILER LOCATION
- ASPHALT LAYDOWN AND WALSH PARKING LOT
- STONE LAYDOWN



Construction Manager Temporary Power and Telecom Plan

Provide all labor, material, equipment and permits required to complete the following:

1. Temporary Light and Pole with Photocell (qty12)
2. Extend Internet and phone service from Demark to CM Trailer. Include 60 data drops in trailer, as directed by CM.
3. Provide Temporary Power to CM Trailer, temp power shall be sufficient for (12) Trailer sections and Temp Lights
4. Provide Temporary power to support all electrical and telecoms manholes. This includes, lights, fans and sump pumps (typ)
5. Temp Electrical feed to be sized for coordination with CTC and Garage construction including 3 total tower cranes and 1 skip hoist. Electrical Subcontractor to Coordinate with CM for planning and locations after award.

PROVIDE "TEMP" ASPHALT PAD:

TRAILER COMPLEX 108'x64'
 Confirm Clear of UG Electrical stone pad.

Secondary Site Entry, Asphalt Paved 28' wide

CHAMPLIN ARCHITECTURE
 2333 Alexandria Drive
 Lexington, KY 40504
 T 859.331.5995
 thinkchamplin.com
 THINK CREATE REALIZE

HGA
 420 North 5th Street, Suite 100
 Minneapolis, Minnesota 55401
 Telephone 612.758.4000

THP
AEI Affiliated Engineers

CMTA
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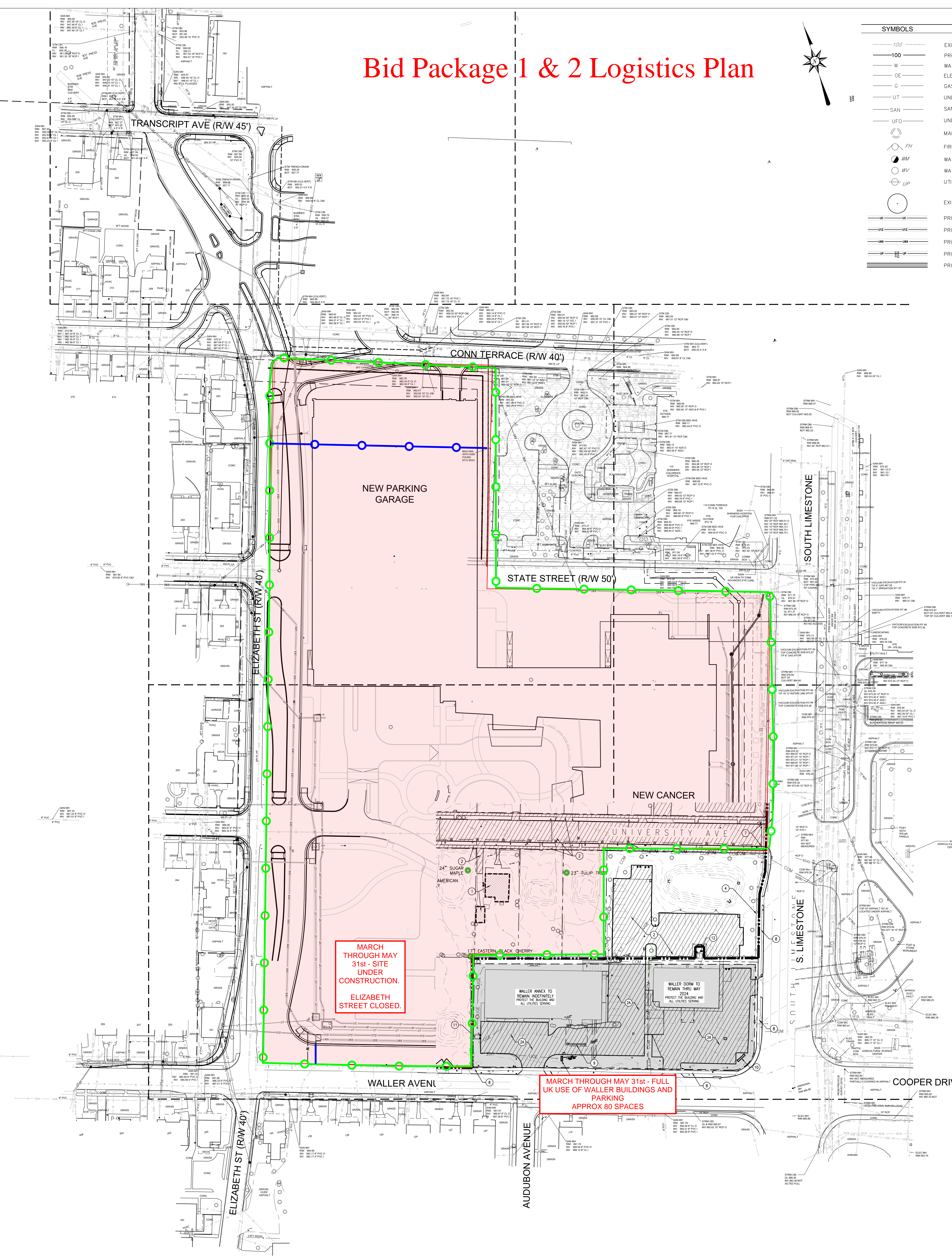
ISSUANCES

No.	Description	Date
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DRAWING TITLE
Site Logistics Plan - Electrical

SHEET NO.

Bid Package 1 & 2 Logistics Plan



SITE LEGEND

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
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---	PROPOSED CONTOUR ELEVATION	±520.0	PROPOSED SPOT ELEV.
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OE	ELECTRIC LINE	---	PROPERTY BOUNDARY
G	GAS LINE	---	EASEMENT
UT	UNDERGROUND TELEPHONE LINE	---	GAS METER
SAN	SANITARY SEWER LINE	CM	BENCH MARK
UFO	UNDERGROUND FIBER OPTIC	+	EXISTING FENCE
○	MANHOLE	DND	DO NOT DISTURB
○ FH	FIRE HYDRANT	---	EXISTING COMMUNICATION LINE
○ W	WATER TOWER	---	EXISTING COMMUNICATION DUCT BANK
○ WV	WATER VALVE	---	EXISTING ELECTRIC
○ UP	UTILITY POLE	---	EXISTING STEAM LINE
○	EXISTING TREE	---	EXISTING ELECTRIC HIGH VOLTAGE
---	PROPOSED UNDERGROUND COMMUNICATIONS	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND DISTRIBUTION (KU)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND TRANSMISSION (KU)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND DISTRIBUTION (UK)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED STORM DRAINAGE PIPING		

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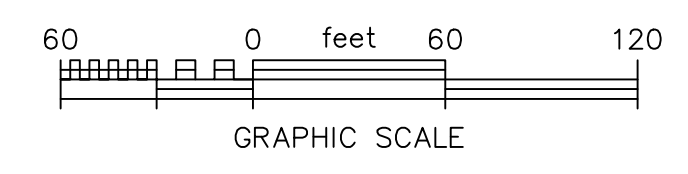
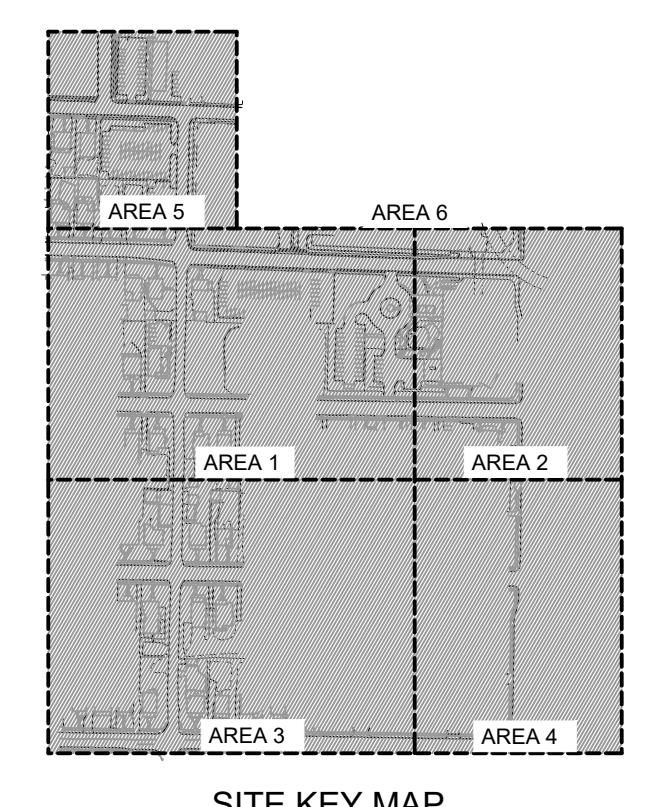
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■ ACTIVE CTC CONSTRUCTION AREA (DOES NOT SHOW WORK AREA FOR ELIZABETH STREET)

MARCH THROUGH MAY 31st - SITE UNDER CONSTRUCTION. ELIZABETH STREET CLOSED.

MARCH THROUGH MAY 31st - FULL UK USE OF WALLER BUILDINGS AND PARKING APPROX 80 SPACES



2333 Alexandria Drive
Lexington, KY 40504
T 859.331.5995
thinkchamplin.com
THINK CREATE REALIZE

420 North 5th Street, Suite 100
Minneapolis, Minnesota 55401
Telephone 612.758.4000

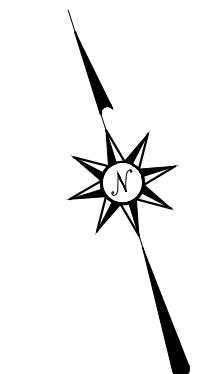
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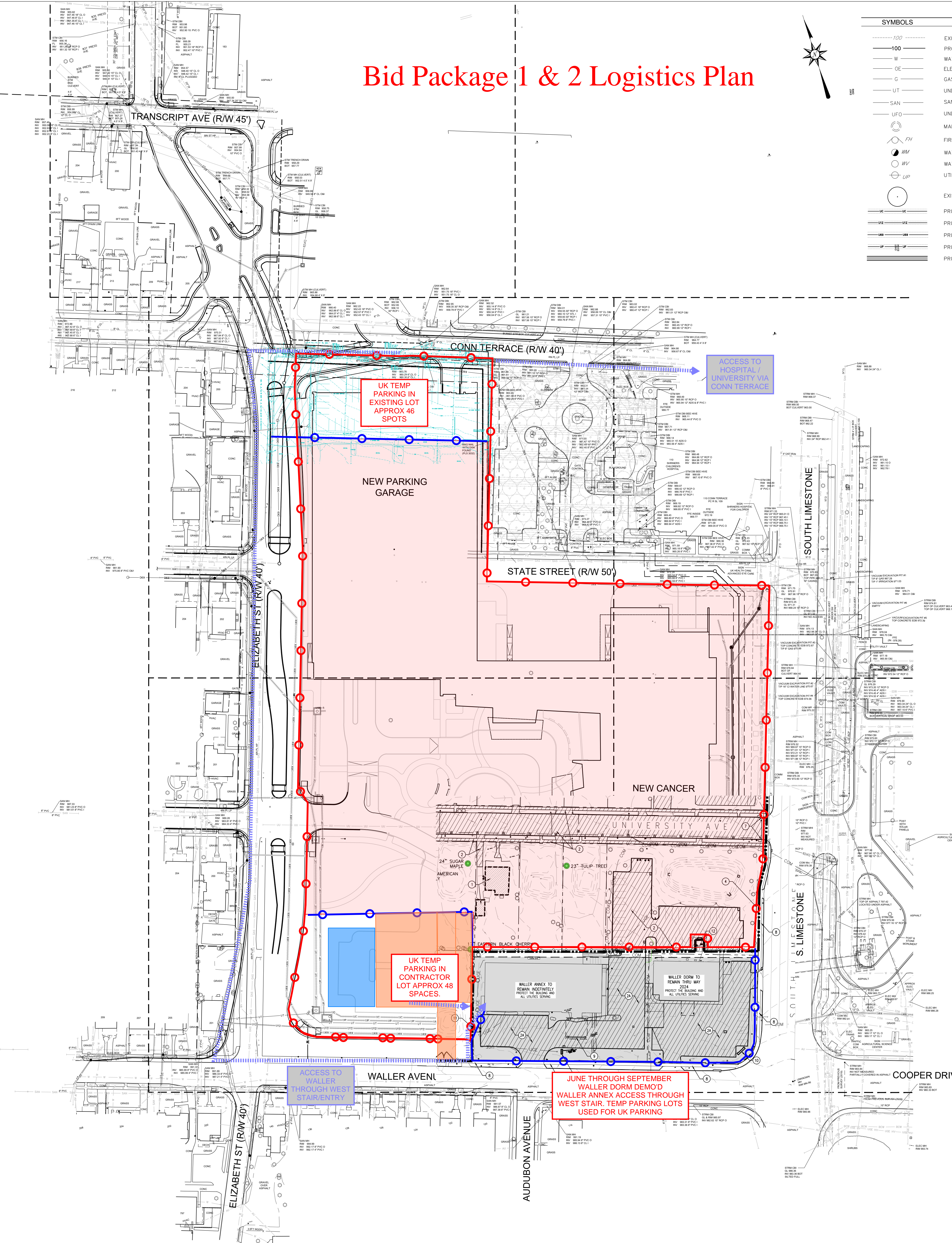
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Waller Annex Phasing - 1 OF 3

SHEET NO.

Bid Package 1 & 2 Logistics Plan

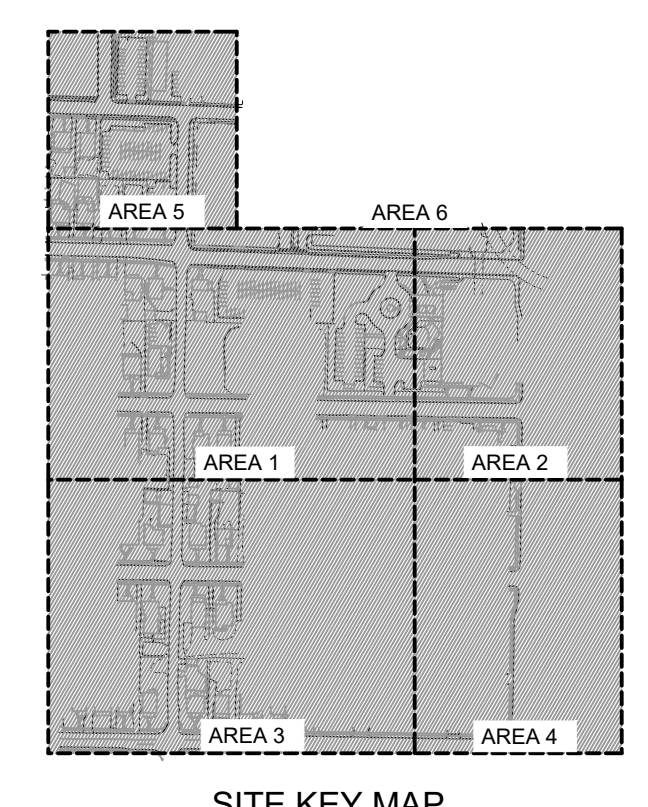
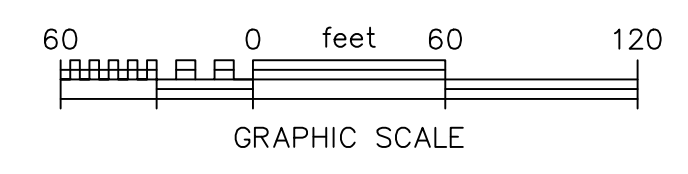


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- UK PEDESTRIAN ACCESS TO WALLER ANNEX AND MEDICAL CENTER
- JOBSITE CONSTRUCTION AREA
- TRAILER LOCATION
- TEMPORARY ASPHALT LOT



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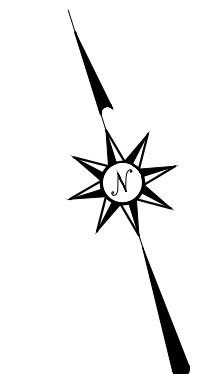
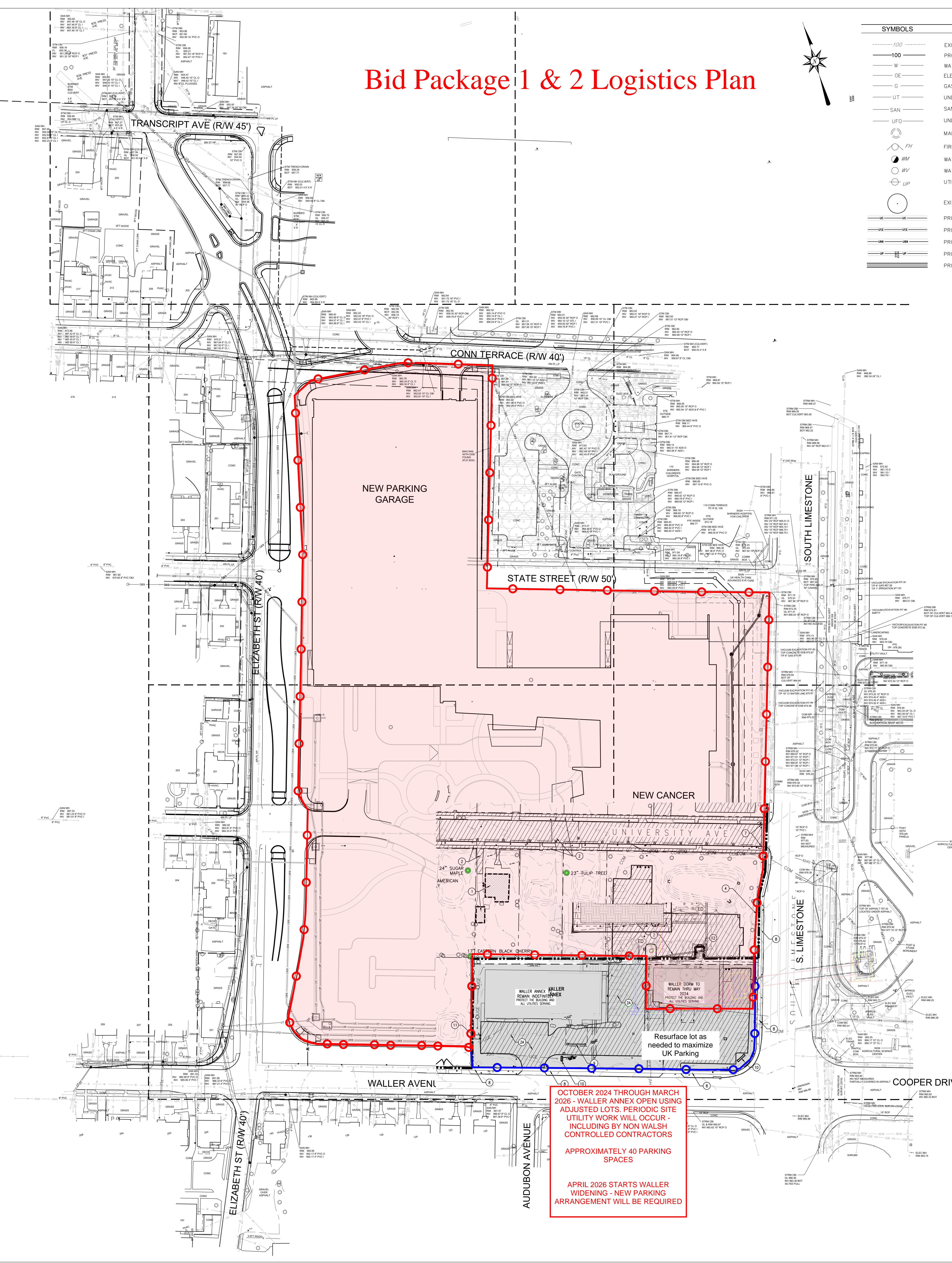
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Waller Annex Phasing - 2 OF 3

SHEET NO.

Bid Package 1 & 2 Logistics Plan



SITE LEGEND

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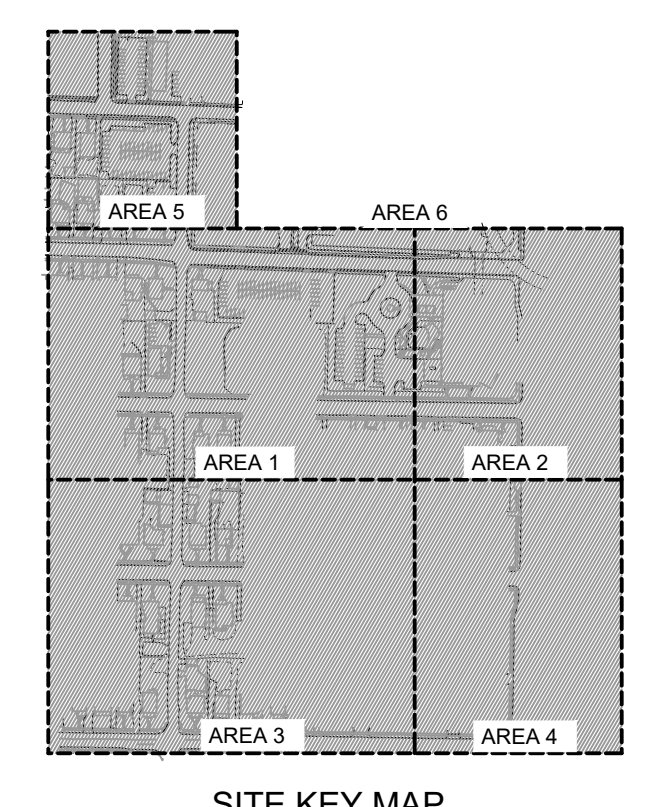
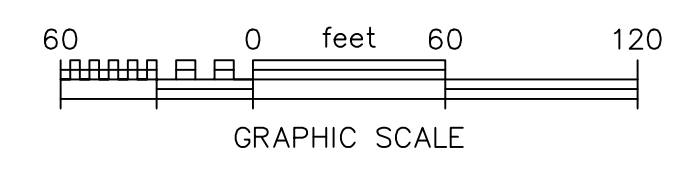
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■ JOBSITE CONSTRUCTION AREA

OCTOBER 2024 THROUGH MARCH 2026 - WALLER ANNEX OPEN USING ADJUSTED LOTS. PERIODIC SITE UTILITY WORK WILL OCCUR - INCLUDING BY NON WALSH CONTROLLED CONTRACTORS

APPROXIMATELY 40 PARKING SPACES

APRIL 2026 STARTS WALLER WIDENING - NEW PARKING ARRANGEMENT WILL BE REQUIRED



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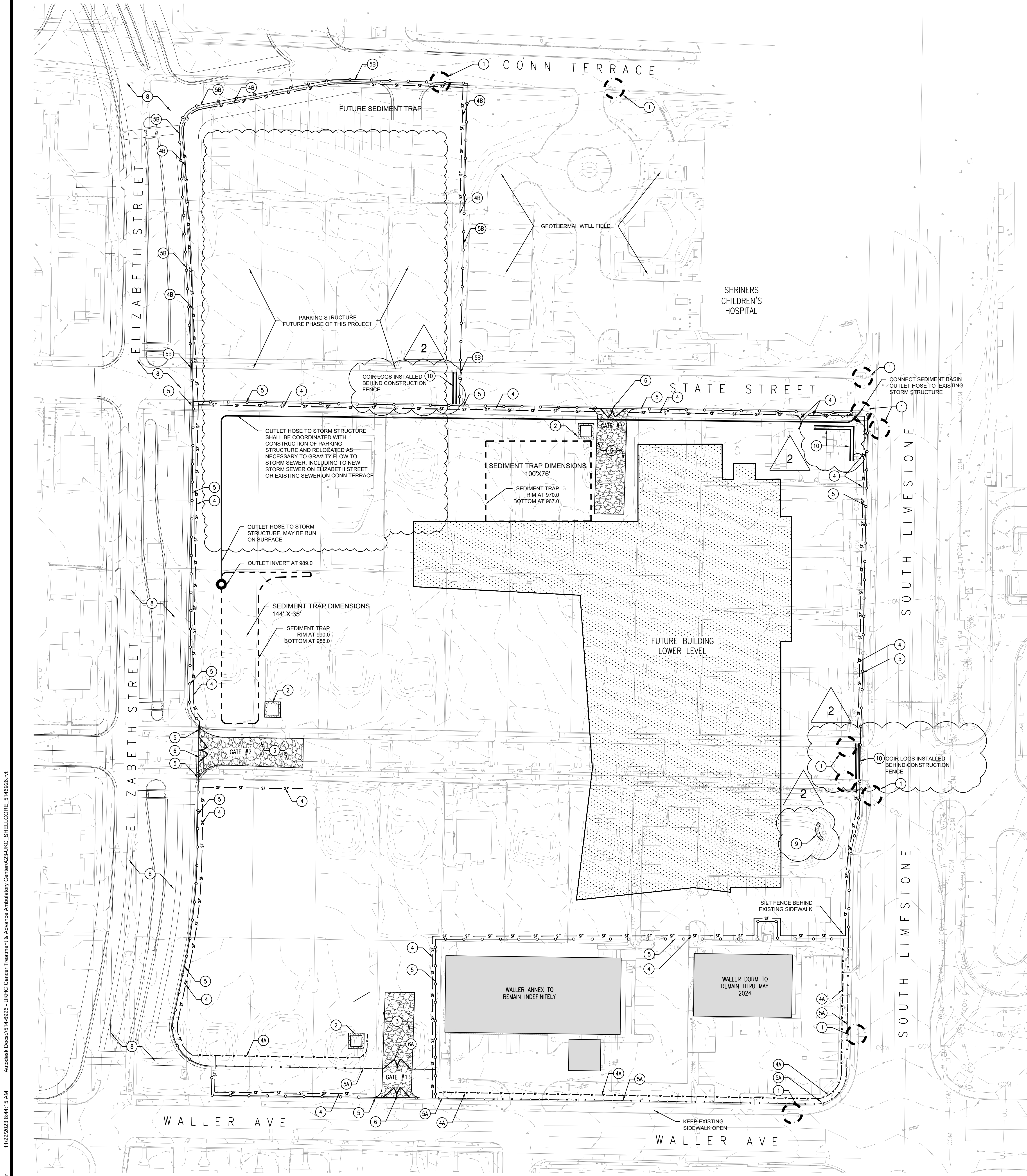
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DRAWING TITLE
Waller Annex Phasing - 3 OF 3

SHEET NO.



CODED EROSION CONTROL NOTES

KEY	SYMBOL	DESCRIPTION	DETAIL
1	(Symbol)	CATCH BASIN INLET PROTECTION	A / L002
2	(Symbol)	CONCRETE WASHOUT PIT. LOCATE & SIZED AS NEEDED - CONTRACTOR SHALL DISPOSE AND INSTALL NEW WASHOUT ONCE 80% CAPACITY HAS BEEN FILLED. SEE DETAIL FOR ADDITIONAL MAINTENANCE REQUIREMENTS.	B / L002
3	(Symbol)	CONSTRUCTION ENTRANCE W/ WHEEL WASHING STATION	C / L002
4	(Symbol)	SILT FENCE	D / L002
4A	(Symbol)	SILT FENCE - AFTER WALLER DORM BUILDING HAS BEEN DEMOLISHED AND CONSTRUCTION ON TURN LANE BEGINS	D / L002
4B	(Symbol)	SILT FENCE - FALL 2024	D / L002
5	(Symbol)	8' HEIGHT CONSTRUCTION FENCE WITH LIGHTING AND WIND SCREEN APPROVED BY UK	-
5A	(Symbol)	8' HEIGHT CONSTRUCTION FENCE WITH LIGHTING AND WIND SCREEN APPROVED BY UK - AFTER WALLER DORM BUILDING HAS BEEN DEMOLISHED AND CONSTRUCTION ON TURN LANE BEGINS	-
5B	(Symbol)	FUTURE 8' HEIGHT CONSTRUCTION FENCE (FALL 2024)	-
6	(Symbol)	CONSTRUCTION GATE	-
7	(Symbol)	SEDIMENT BASIN. INVERT OF OUTLET SET AT ELEVATION OF 989.0. RIM OF BASIN SET AT 990.0 AND BOTTOM AT 985.0. PUMP WATER TO EXISTING STORM STRUCTURE AT CORNER OF SOUTH LIMESTONE AND STATE STREET.	2
8	(Symbol)	REFER TO R-SERIES SHEETS FOR ROADWAY EROSION CONTROL PLANS	-
9	(Symbol)	ROCK CHECK DAM	E / L002
10	(Symbol)	COIR LOG - SEE DETAIL FOR PLACEMENT REQUIREMENTS	F / L002

- EROSION CONTROL NOTES**
- CONTRACTOR SHALL ENSURE THAT HE/SHE IS IN POSSESSION OF A SET OF APPROVED FINAL CONSTRUCTION DOCUMENTS AND STORM WATER POLLUTION PREVENTION PLANS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION. COPIES OF THE APPROVED PLANS AND PERMITS SHALL BE KEPT ON THE SITE AT ALL TIMES AND MADE AVAILABLE TO INSPECTORS.
 - AS PART OF THE KENTUCKY POLLUTION DISCHARGE ELIMINATION SYSTEM, THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT AN NOI-SWCA TO THE KENTUCKY DIVISION OF WATER QUALITY. APPLICANTS MUST FILE USING THE ELECTRONIC WEB BASED SUBMISSION SYSTEM AT THE FOLLOWING WEB ADDRESS: <https://dep.gateway.ky.gov/eForms/default.aspx?FormID=7> COMPLETION OF THE NOI-SWCA SHALL BE COMPLETED A MINIMUM OF SEVEN (7) DAYS BEFORE THE PROPOSED DATE FOR COMMENCEMENT OF CONSTRUCTION ACTIVITIES. COPY OF THE APPROVED NOI-SWCA SHALL BE SUBMITTED TO CARMAN AND THE UK ENVIRONMENTAL MANAGEMENT DEPARTMENT. CONTRACTOR SHALL PERFORM INSPECTIONS AND KEEP ON-SITE RECORDS OF INSPECTIONS AND MAINTENANCE OF EROSION CONTROL DEVICES AS DESCRIBED IN THE SPECIFICATIONS AND KYRID. CONTRACTOR SHALL INSTALL CONSTRUCTION ENTRANCES AS INDICATED ON THE PLANS. CONSTRUCTION ENTRANCES SHALL BE UNDERLAIN WITH NON-WOVEN FILTER FABRIC.
 - CONTRACTOR TO INSTALL CONCRETE WASH OUT PITS AS INDICATED ON THE PLANS, THOUGH LOCATIONS MAY MOVE (WITH APPROVAL OF UK ENVIRONMENTAL MANAGEMENT DEPARTMENT) AS NECESSARY TO BEST SUIT OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CONCRETE WASH, FUNCTIONING PROPER WITH BUILDUP OF MATERIALS DISPOSED OF OFF-SITE IN A LAWFUL MANNER.
 - SILT FENCE SHALL BE INSTALLED AS INDICATED ON THE PLAN PRIOR TO MOBILIZATION OF THE SITE. SILT FENCE IS TO BE INSTALLED FOLLOWING CONTROLS AS APPLICABLE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF SILT FENCE AND REMOVAL OF SILTATION AS NECESSARY. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF SILT FENCE AT SUCH TIME THAT SEEDING HAS GERMINATED AND/OR SOD ESTABLISHED SO THAT NO EROSION IS OCCURRING REGARDLESS OF TIMING. SILT FENCE SHALL BE REMOVED AT NO COST TO THE OWNER.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING ASPHALT FREE FROM MUD, DIRT, DEBRIS, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF PROTECTION THROUGHOUT THE TIME EXTENT OF THE PROJECT.
 - AFTER CONSTRUCTION ENTRANCE FENCE, CONCRETE WASHOUT PIT, AND INLET CONTROLS HAVE BEEN INSTALLED AND APPROVED BY THE UK ENVIRONMENTAL MANAGEMENT DEPARTMENT, PROCEED WITH TOPSOIL STRIPPING, STOCKPILING, AND OVERALL SITE GRADING. CONTRACTOR SHALL SURROUND STOCKPILES WITH SILT FENCE AND ESTABLISH A QUICK COVER SEED AS SOON AS POSSIBLE.
 - THE CONTRACTOR SHALL PHASE CONSTRUCTION TO MINIMIZE THE AMOUNT OF DISTURBED AREA AT ANY ONE TIME, STABILIZE AND COVER WITH GRAVEL OR SEEDING AS QUICKLY AS POSSIBLE. USE ON-SITE CONTROLS SUCH AS DIVERSIONS, SLUMPS, AND STRAW BALES AS NECESSARY TO PREVENT OFF-SITE RUNOFF. EXTRA EFFORT SHOULD BE EXERCISED PRIOR TO WINTER OR RAINY SEASON TO HAVE ALL SITE CONTROLS IN PLACE. DISTURBED AREAS WHERE CONSTRUCTION WILL CEASE FOR MORE THAN 14 DAYS WILL BE STABILIZED WITH EROSION CONTROLS.
 - CONTRACTOR SHALL COVER ALL AREAS TO BE PAVED WITH BASE AGGREGATE AS SOON AS POSSIBLE TO REDUCE DUST AND EROSION.
 - AFTER CONSTRUCTION ENTRANCE FENCE, CONCRETE WASHOUT PIT, AND INLET CONTROLS HAVE BEEN INSTALLED AND APPROVED BY THE UK ENVIRONMENTAL MANAGEMENT DEPARTMENT, PROCEED WITH TOPSOIL STRIPPING, STOCKPILING, AND OVERALL SITE GRADING. CONTRACTOR SHALL SURROUND STOCKPILES WITH SILT FENCE AND ESTABLISH A QUICK COVER SEED AS SOON AS POSSIBLE.
 - CONTRACTOR SHALL MAINTAIN SITE AFTER ANY RAINFALL EVENT BY CLEANING SILT AND DEBRIS FROM STREETS, YARDS, ETC. AND THE RE-ESTABLISHMENT OF ANY DAMAGED EROSION CONTROL DEVICE OR MEASURE INCLUDING TEMPORARY OR PERMANENT SEEDING.
 - CONTRACTOR SHALL INSPECT SITE DAILY AND IMMEDIATELY FOLLOWING A RAINFALL EVENT TO ENSURE THAT EROSION CONTROL DEVICES ARE FUNCTIONING PROPERLY AND, IF NOT, THE CONTRACTOR SHALL TAKE ACTIONS TO REMEDIATE ANY EROSION CONTROLS AT NO ADDITIONAL COST TO THE OWNER.
 - ALL WORK, CONSTRUCTION REQUIREMENTS, AND PERFORMANCE STANDARDS SHALL COMPLY WITH LOCAL AND STATE JURISDICTIONS AND/OR STANDARDS. TEMPORARY STABILIZATION OF TOPSOIL STOCKPILE AND DISTURBED PORTIONS OF THE SITE SHALL BEGIN WITHIN 14 DAYS ON AREAS WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY (FOR 21 DAYS OR MORE) CEASED. TEMPORARY STABILIZATION CAN BE ACCOMPLISHED THROUGH SEEDING RYE (GRAIN) APPLIED AT A RATE OF 120 POUNDS PER ACRE AND/OR STRAW MULCHING AT A RATE OF 4,000 POUNDS OF STRAW PER ACRE.
 - THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF ANY MECHANICAL WATER QUALITY UNIT THAT IS INSTALLED AS PART OF PERMANENT EROSION CONTROL MEASURES. THE UNIT SHALL BE CLEANED AS RECOMMENDED BY MANUFACTURER AS NECESSARY PRIOR TO FINAL COMPLETION OF THE WORK.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTIVE ACTION REQUIRED BY ANY LOCAL, STATE OR FEDERAL AGENCY THAT HAS JURISDICTION FOR SITE EROSION CONTROL.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES SUCH AS SILT FENCE, SEDIMENT BASINS, ROCK CHECKS, INLET PROTECTION, ETC AT SUCH TIME THE SITE HAS BECOME STABILIZED AND DEVICES OR CONTROLS ARE NO LONGER NECESSARY. AFFECTED AREAS SHALL BE RETURNED TO THE CONTOURS PER THE GRADING PLAN.
 - THIS PLAN REFLECTS THE MINIMUM REQUIRED EROSION CONTROL MEASURES TO STABILIZE THE SITE. ADDITIONAL MEASURES MAY BE NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE SITE AT NO COST TO THE OWNER.
 - ALL STORM INLETS, OPEN PIPES OR DOWNSPOUT BOOTHS SHALL BE FULLY PROTECTED TO PREVENT SEDIMENT FROM ENTERING THE SYSTEM. IF SEDIMENT ENTERS THE SYSTEM, THE CONTRACTOR SHALL FLUSH THE LINES CLEAN. VISUAL INSPECTION BY CAMERA MAY BE REQUESTED TO ENSURE THE SYSTEM IS PROPERLY MAINTAINED AT NO COST TO THE OWNER.
 - SEEDING SLOPES GREATER THAN 4:1 SHALL BE PROTECTED WITH EROSION CONTROL BLANKET AS SPECIFIED.
 - IN THE EVENT THAT DISTURBANCE OCCURS IN THE VICINITY OF THE WALLER ANNEX BUILDING AND WALLER DORM PRIOR TO THE REMOVAL OF THE DISCHARGE OF THE DETENTION BASIN THAT SERVES THEM, A ROCK CHECK DAM SHALL BE INSTALLED ACROSS THE FACE OF THE OUTLET HEADWALL THAT DISCHARGES TO S. LIMESTONE.
 - PROVIDE TEMPORARY EROSION CONTROL MEASURES FOR ANY/ALL OFF-SITE UTILITY WORK THAT DISTURBS SOIL OUTSIDE OF THE LIMITS OF WORK IDENTIFIED ON THE EPSC PLAN.
 - ALL DUMPSTERS WITHIN THE CONSTRUCTION SITE MUST BE COVERED.
 - THE CONTRACTOR SHALL POST SIGNAGE OR OTHER NOTICE OF PERMIT COVERAGE AT A SAFE, PUBLICLY ACCESSIBLE LOCATION IN CLOSE PROXIMITY TO THE CONSTRUCTION SITE. THE NOTICE MUST BE LOCATED SO THAT IT IS VISIBLE FROM THE PUBLIC ROAD THAT IS NEAREST THE CONSTRUCTION TRAILER. THIS NOTICE (SIGNAGE) MUST INCLUDE THE KYRDS PERMIT NUMBER, CONTACT NAME AND PHONE NUMBER FOR OBTAINING ADDITIONAL CONSTRUCTION SITE INFORMATION SUCH AS A COPY OF THE SWPPP. THE SIGNAGE MUST INCLUDE INFORMATION APPRISING THE PUBLIC ON HOW TO CONTACT THE STATE IF STORMWATER POLLUTION IS OBSERVED IN THE DISCHARGE.

A Notice of Termination (NOT) inspection led by the contractor/design team with EQM present is required prior to filing for NOT.

720 EAST PETE ROSE WAY
CINCINNATI, OH 45202
T 513.241.4474
thinkchamplin.com
THINK CREATE REALIZE

420 North 5th Street, Suite 100
Minneapolis, Minnesota 55401
Telephone 612.758.4000

Cancer Treatment Center + Advanced Ambulatory Center

LEXINGTON, KENTUCKY
UK Project Number 2563.0

No.	Description	Date
1	BP-02 FOR BID & PERMIT	12/13/23
2	BP-02 ADDENDUM #2	1/25/24

Drawn By
WTD

Checked By
KLW

Client Number
514

Project Number
6926

DRAWING TITLE
SITE EROSION CONTROL PLAN

SHEET NO.
L001

SCALE: 1" = 40'-0"

1/22/2023 8:44:15 AM
 Autodesk Docs://s1448035 - UKHC Cancer Treatment & Advanced Ambulatory Center/23-UKHC-SHELLCODE-21462024.rvt
 Author

11/22/2023 8:44:15 AM



SITE LEGEND

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
---100---	EXISTING CONTOUR ELEVATION	X 520.0	EXISTING SPOT ELEV.
---100---	PROPOSED CONTOUR ELEVATION	+520.0	PROPOSED SPOT ELEV.
W	WATER LINE	---	EDGE OF PAVEMENT
OE	ELECTRIC LINE	---	PROPERTY BOUNDARY
G	GAS LINE	---	EASEMENT
UT	UNDERGROUND TELEPHONE LINE	---	GAS METER
SAN	SANITARY SEWER LINE	CM	BENCH MARK
UFO	UNDERGROUND FIBER OPTIC	+	EXISTING FENCE
MANHOLE	MANHOLE	DND	DO NOT DISTURB
PH	FIRE HYDRANT	---	EXISTING COMMUNICATION LINE
WM	WATER METER	---	EXISTING COMMUNICATION DUCT BANK
WV	WATER VALVE	---	EXISTING ELECTRIC
UP	UTILITY POLE	---	EXISTING STEAM LINE
---	EXISTING TREE	---	EXISTING ELECTRIC HIGH VOLTAGE
---	PROPOSED UNDERGROUND COMMUNICATIONS	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND DISTRIBUTION (KU)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND TRANSMISSION (KU)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND DISTRIBUTION (UK)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED STORM DRAINAGE PIPING		

- UTILITY PLAN NOTES:**
- WATER MAIN DESIGN AND INSTALLATION BY KENTUCKY AMERICAN WATER.
 - FIRE HYDRANT ASSEMBLY BY KENTUCKY AMERICAN WATER.
 - GAS MAIN DESIGN BY COLUMBIA GAS.
 - SEE SHEETS U300, U301 AND U302 FOR SANITARY SEWER PLAN AND PROFILE SHEETS.
 - SEE SHEET C100.2 AND C100.4 FOR STORM DRAINAGE PLAN, AREA 2 AND 4.
 - ELIZABETH STREET STORM DRAINAGE SYSTEM. SEE ELIZABETH STREET ROAD IMPROVEMENT PLANS.
 - NEW ELECTRIC/COMMUNICATION LINES. SEE SHEETS EU (BID PACKAGE 01) FOR INFORMATION.
 - NEW THERMAL UTILITIES. SEE SHEETS SU (BID PACKAGE 02) FOR INFORMATION.
 - NEW THERMAL TUNNEL/STRUCTURE. SEE SHEETS SU (BID PACKAGE 02) FOR INFORMATION.
 - UTILITIES INCLUDED IN SHEETS U200 THROUGH U205 REFER TO WATER, SEWER, NATURAL GAS AND STORM. OTHER PROPOSED UTILITIES ARE DETAILED ON OTHER DRAWINGS.

BEFORE YOU DIG:
 KENTUCKY STATUTES (KRS 367.4803 THROUGH 367.4917) REQUIRE THAT ALL EXCAVATORS PLANNING EXCAVATION OR DEMOLITION WORK SHALL CALL ALL UTILITY COMPANIES IN THE AREA AND/OR AN UNDERGROUND PROTECTIONS SERVICE SUCH AS "811" (1-800-752-6037) NOT LESS THAN TWO (2) BUSINESS DAYS NOR MORE THAN TEN (10) BUSINESS DAYS PRIOR TO COMMENCING WORK TO NOTIFY UTILITY COMPANIES IN THE AREA WITH UNDERGROUND FACILITIES OF THE PLANNED EXCAVATION OR DEMOLITION ACTIVITIES.

- EARLY PHASE FENCELINE/SILT FENCE DURING CLEAR AND GRUB OF SITE
- PRIMARY SITE FENCELINE/SILT FENCE FOR MAJORITY OF JOB DURATION
- PHASED FENCELINE/SILT FENCE LOCATIONS. ASSUME ALL IN PLACE WHILE PRIMARY FENCELINE IS ALSO IN PLACE.
- SWPPP SILT FENCING SHOULD BE ANTICIPATED TO HAVE SIMILAR PHASED LOCATIONS IN ADDITION TO EROSION CONTROL PLANS AS SHOWN ON DRAWINGS.
- PERMANENT VEHICLE GATE LOCATION
- TEMPORARY VEHICLE GATE LOCATION
- SWPPP CONSTRUCTION ENTRANCES. LOCATIONS WILL SHEET WITH SHIFTING FENCELINE AND GATE LOCATIONS.
- TWO SWPPP CONSTRUCTION ENTRANCES HAVE BEEN LOCATED FOR ELIZABETH STREET WORK.
- TRAILER LOCATION
- ASPHALT LAYDOWN AND WALSH PARKING LOT
- STONE LAYDOWN
- APPROXIMATE AREA OF OVERDIG / SLOPED EXCAVATION

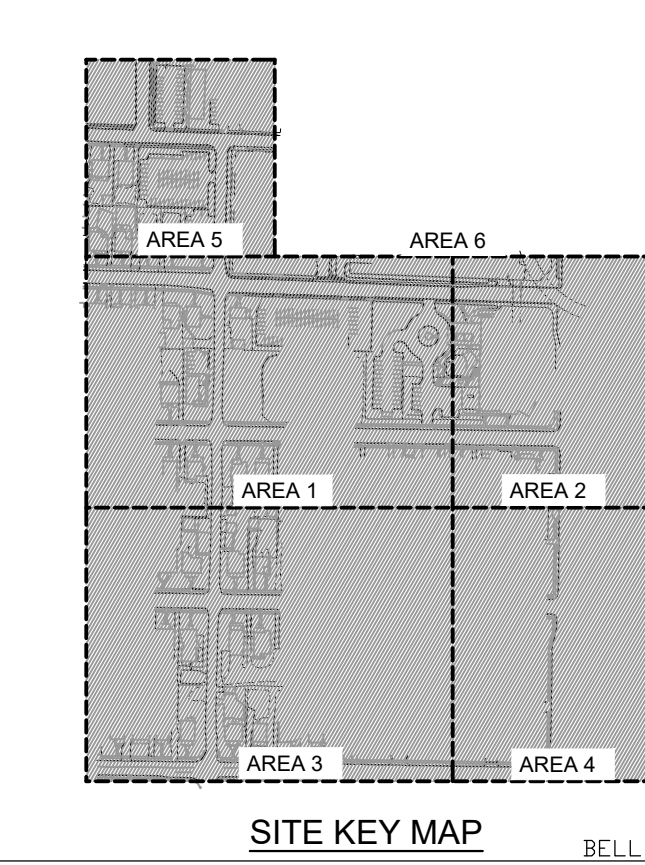
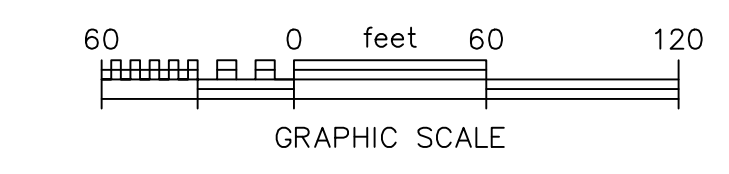
PROVIDE "TEMP" ASPHALT LAYDOWN PAD:

TRAILER COMPLEX
 144'x64'
 10' east of back of sidewalk
 25' North of Back of sidewalk
 Confirm Clear of UG Electrical stone pad.

Secondary Site Entry. Asphalt Paved
 28' wide

Along Waller Fencing to be placed on Site side of Sidewalk to allow for continuous pedestrian access.

Along Limestone Fencing to be placed on street side of sidewalk. Pedestrian access to be closed north of the Limestone / Waller pedestrian crossings.



CHAMPLIN ARCHITECTURE
 2333 Alexandria Drive
 Lexington, KY 40504
 T 859.331.5995
 thinkchamplin.com
 THINK CREATE REALIZE

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 420 North 5th Street, Suite 100
 Minneapolis, Minnesota 55401
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THP
AEI Affiliated Engineers

CMTA

OLIN

CARMAN LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING

WALSH CONSULTING GROUP

bell engineering

CDM Smith

PIVOTAL lighting design

UK HEALTHCARE

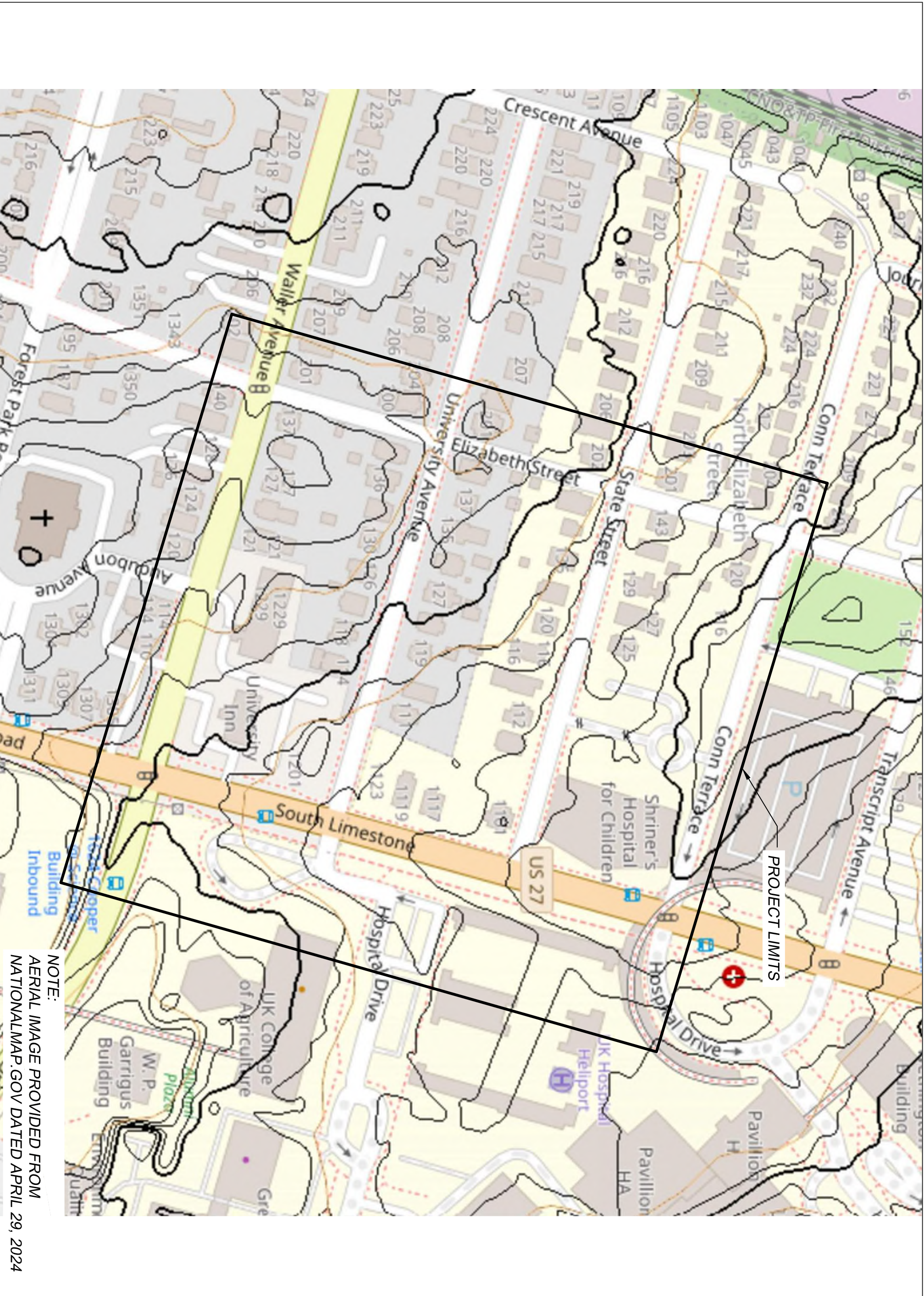
Cancer Treatment Center + Advanced Ambulatory Center
 LEXINGTON, KENTUCKY
 UK Project Number 2563.0

ISSUANCES

No.	Description	Date
		12/18/23

DRAWING TITLE
Site Logistics Plan

SHEET NO.



PROJECT LIMITS

NOTE:
AERIAL IMAGE PROVIDED FROM
NATIONALMAP.GOV DATED APRIL 29, 2024



9610 Dawson Hill Rd
Lexington, KY 40299
Ph: (502)269-5418

PROJECT:
UNIVERSITY OF
KENTUCKY-
LEXINGTON
CANCER
TREATMENT
CENTER

LOCATION:
LEXINGTON,
KENTUCKY

CLIENT:
WALSH
CONSTRUCTION
COMPANY

RELEASE:

SCALE:

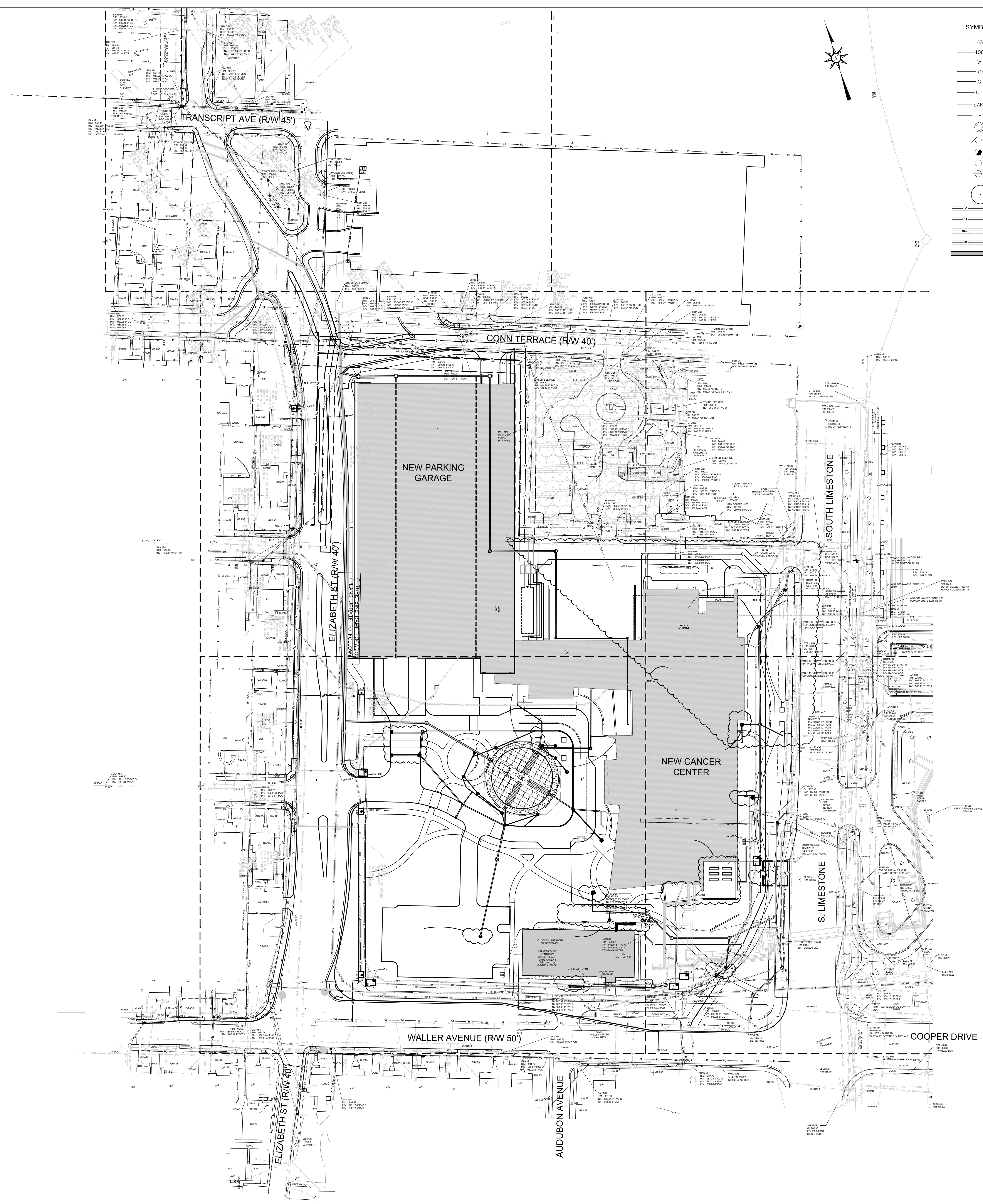


SCALE:
1" = 80'

REVISIONS	
#	DESCRIPTION

PROJECT MANAGER:
DATE:
SHEET NAME:
USGS TOPO
SWPPP
EXHIBIT

SHEET NUMBER:
1/1

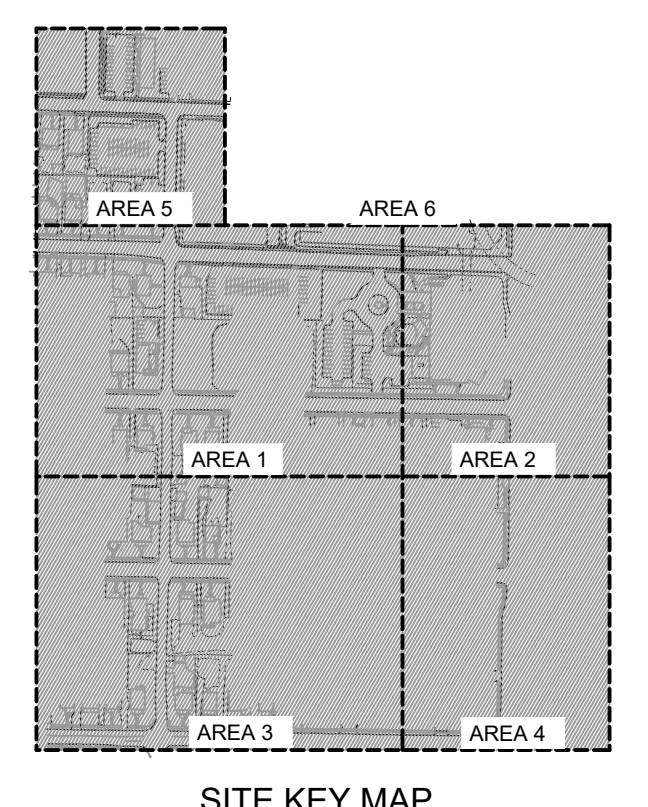
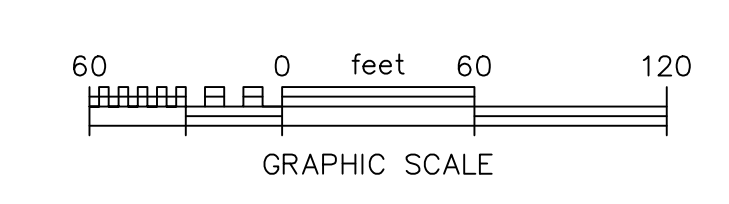


SITE LEGEND

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
---	EXISTING CONTOUR ELEVATION	+	EXISTING SPOT ELEV.
100	PROPOSED CONTOUR ELEVATION	+	PROPOSED SPOT ELEV.
W	WATER LINE	---	EDGE OF PAVEMENT
OE	ELECTRIC LINE	---	PROPERTY BOUNDARY
G	GAS LINE	---	EASEMENT
UT	UNDERGROUND TELEPHONE LINE	CM	GAS METER
SAN	SANITARY SEWER LINE	+	BENCH MARK
UFO	UNDERGROUND FIBER OPTIC	DND	DO NOT DISTURB
MH	MANHOLE	---	EXISTING COMMUNICATION LINE
FH	FIRE HYDRANT	---	EXISTING ELECTRIC
MM	WATER METER	---	EXISTING STEAM LINE
WV	WATER VALVE	---	EXISTING OVERHEAD COMMUNICATIONS
UP	UTILITY POLE	---	EXISTING ELECTRIC HIGH VOLTAGE
---	EXISTING TREE	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND COMMUNICATIONS	---	PROPOSED OVERHEAD TRANSMISSION (UK)
---	PROPOSED UNDERGROUND DISTRIBUTION (KU)	---	
---	PROPOSED UNDERGROUND TRANSMISSION (KU)	---	
---	PROPOSED UNDERGROUND DISTRIBUTION (UK)	---	
---	PROPOSED STORM DRAINAGE PIPING		

- UTILITY PLAN NOTES:**
- WATER MAIN INSTALLATION BY KENTUCKY AMERICAN WATER.
 - FIRE HYDRANT ASSEMBLY BY KENTUCKY AMERICAN WATER.
 - GAS MAIN DESIGN BY COLUMBIA GAS.
 - SEE SHEETS U300, U301 AND U302 FOR SANITARY SEWER PLAN AND PROFILE SHEETS.
 - SEE SHEETS C110.1, C110.2, C110.3 AND C110.4 FOR STORM DRAINAGE PLAN, AREA 1, 2, 3 AND 4.
 - ELIZABETH STREET STORM DRAINAGE SYSTEM. SEE ELIZABETH STREET ROAD IMPROVEMENT PLANS.
 - NEW ELECTRIC/COMMUNICATION LINES. SEE SHEETS EU (BID PACKAGE 01) FOR INFORMATION.
 - NEW THERMAL UTILITIES. SEE SHEETS SU (BID PACKAGE 02) FOR INFORMATION.
 - NEW THERMAL TUNNEL/STRUCTURE. SEE SHEETS SU (BID PACKAGE 02) FOR INFORMATION.
 - UTILITIES INCLUDED IN SHEETS U210 THROUGH U210.4 REFER TO WATER, SEWER, NATURAL GAS AND STORM. OTHER PROPOSED UTILITIES ARE DETAILED ON OTHER DRAWINGS.
 - PRIVATE FIRE HYDRANT. SEE GENERAL. NOT USED.
 - GREASE TRAP. SEE PLUMBING DRAWINGS FOR DETAILS.
 - SEWER LATERAL FROM BUILDING. SEE PLUMBING DRAWINGS FOR SIZE AND INVERT.
 - STORM LATERAL FROM BUILDING. SEE PLUMBING DRAWINGS FOR SIZE AND INVERT.
 - INSTALLED IN BID PACKAGE 01.
 - INSTALLED IN BID PACKAGE 02.

BEFORE YOU DIG:
 KENTUCKY STATUTES (KRS 367.4903 THROUGH 367.4917) REQUIRE THAT ALL EXCAVATORS PLANNING EXCAVATION OR DEMOLITION WORK SHALL CALL ALL UTILITY COMPANIES IN THE AREA AND/OR AN UNDERGROUND PROTECTIONS SERVICE SUCH AS "BUO" (1-800-752-6007) NOT LESS THAN TWO (2) BUSINESS DAYS NOR MORE THAN TEN (10) BUSINESS DAYS PRIOR TO COMMENCING WORK TO NOTIFY UTILITY COMPANIES IN THE AREA WITH UNDERGROUND FACILITIES OF THE PLANNED EXCAVATION OR DEMOLITION ACTIVITIES.



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 T 513.241.4474
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CDM Smith

PIVOTAL lighting design

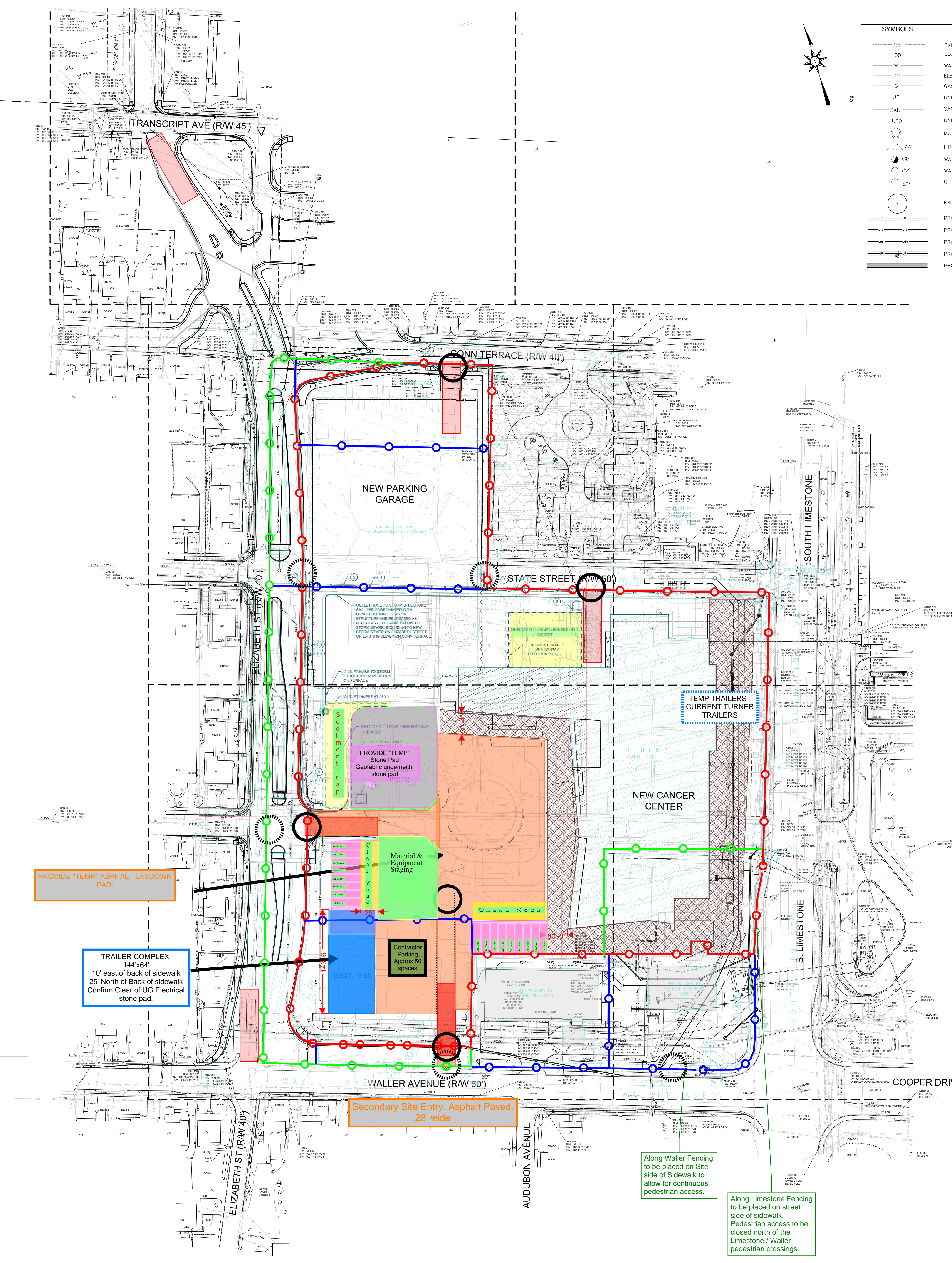
UK HEALTHCARE
Cancer Treatment Center + Advanced Ambulatory Center
 1220 Elizabeth St.
 Lexington, KY 40536
 UK Project Number 2563.0

ISSUANCES

No.	Description	Date
1	C&S 100% DD REVIEW	01/10/24
2	C&S 80% CD	03/05/24
3	C&S 100% CD REVIEW	04/09/24

Drawn By: LMD
 Checked By: TFH
 Client Number: 514
 Project Number: 6926

PRELIMINARY DRAWING ONLY
 NOT TO BE USED FOR CONSTRUCTION
DRAWING TITLE
 OVERALL UTILITY PLAN
SHEET NO.
 U210



SITE LEGEND

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
---100---	EXISTING CONTOUR ELEVATION	X 520.0	EXISTING SPOT ELEV.
---100---	PROPOSED CONTOUR ELEVATION	+520.0	PROPOSED SPOT ELEV.
W	WATER LINE	---	EDGE OF PAVEMENT
OE	ELECTRIC LINE	---	PROPERTY BOUNDARY
G	GAS LINE	---	EASEMENT
UT	UNDERGROUND TELEPHONE LINE	---	GAS METER
SAN	SANITARY SEWER LINE	CM	BENCH MARK
UFO	UNDERGROUND FIBER OPTIC	+	EXISTING FENCE
○	MANHOLE	DND	DO NOT DISTURB
○ FH	FIRE HYDRANT	---	EXISTING COMMUNICATION LINE
○ WM	WATER METER	---	EXISTING COMMUNICATION DUCT BANK
○ WV	WATER VALVE	---	EXISTING ELECTRIC
○ UP	UTILITY POLE	---	EXISTING STEAM LINE
○	EXISTING TREE	---	EXISTING ELECTRIC HIGH VOLTAGE
---	PROPOSED UNDERGROUND COMMUNICATIONS	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND DISTRIBUTION (KU)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND TRANSMISSION (KU)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND DISTRIBUTION (UK)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND TRANSMISSION (UK)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
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 - NEW ELECTRIC/COMMUNICATION LINES. SEE SHEETS EU (BID PACKAGE 01) FOR INFORMATION.
 - NEW THERMAL UTILITIES. SEE SHEETS SU (BID PACKAGE 02) FOR INFORMATION.
 - NEW THERMAL TUNNEL/STRUCTURE. SEE SHEETS SU (BID PACKAGE 02) FOR INFORMATION.
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- ASPHALT LAYDOWN AND WALSH PARKING LOT
- STONE LAYDOWN
- APPROXIMATE AREA OF OVERDIG / SLOPED EXCAVATION

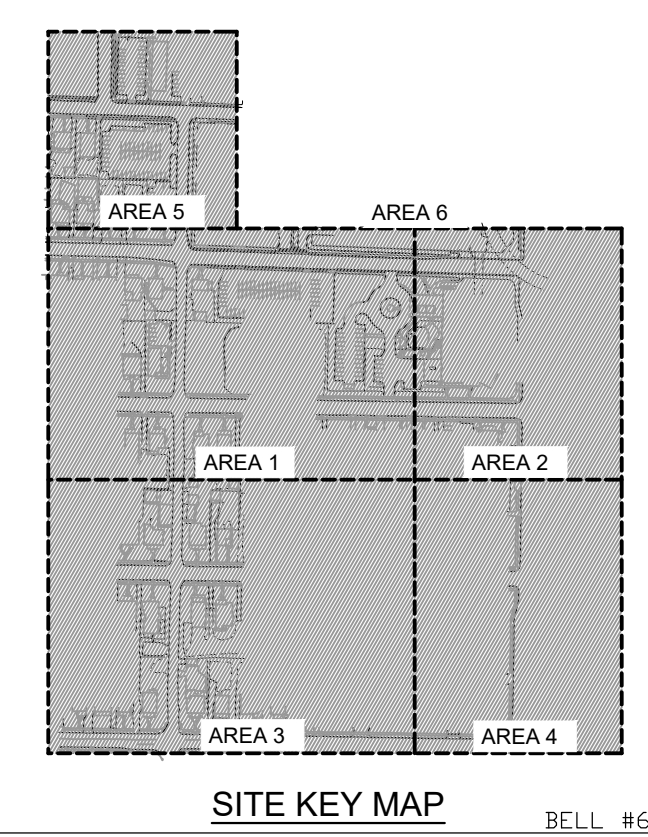
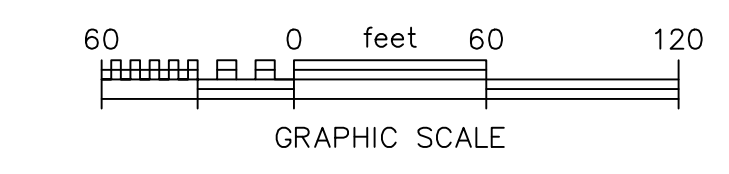
PROVIDE "TEMP" ASPHALT LAYDOWN PAD.

TRAILER COMPLEX
 144'x64'
 10' east of back of sidewalk
 25' North of Back of sidewalk
 Confirm Clear of UG Electrical stone pad.

Secondary Site Entry, Asphalt Paved
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CARMAN LANDSCAPE ARCHITECTURE
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WALSH CONSULTING GROUP
bell engineering

CDM Smith
PIVOTAL lighting design

UK HEALTHCARE
Cancer Treatment Center + Advanced Ambulatory Center
 LEXINGTON, KENTUCKY
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ISSUANCES

No.	Description	Date
		12/18/23

DRAWING TITLE
Site Logistics Plan

SHEET NO.

SECTION 312001 - STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. The following documents comprise the SWPPP:

1. Specification Section 311000, 312000
2. Best Management Practices (BMP) Plan
3. Notice of Intent for Storm Water Construction Activities (NOI-SWCA)
4. Notice of Termination (NOT)
5. CMs BMP implementation schedule
6. Operation and Maintenance Plan Checklist

1.2 SUBMITTALS

A. Notice of Intent: A minimum of **7 days** prior to beginning any work, the Construction Manager (CM) shall submit a Notice of Intent for Storm Water Construction Activities (NOI-SWCA) for a General Permit to the Kentucky Division of Water via their online e-permitting web site located at:

<https://dep.gateway.ky.gov/eForms/default.aspx?FormID=7>.

A paper NOI-SWCA may be submitted to the DOW a minimum of 30 days prior to commencement of construction activities if the CM is unable to submit electronically. A copy shall be sent to UK CPMD & EQM and the office of CARMAN and shall be kept on file with the BMP Plan and the SWPPP.

B. CMs BMP implementation schedule: Prior to mobilizing on the site, the completed/certified SWPPP must be submitted to UK CPMS & EQM for review and approval. CM shall submit a detailed schedule to the design professional outlining the sequence of major activities that includes the installation of all controls, earth disturbing activities and stabilization activities. This implementation schedule will become part of the SWPPP. The completed/certified SWPPP

C. Notice of Termination: Upon final stabilization of the construction site and removal of all temporary erosion and sediment control measures, the CM shall schedule a Notice of Termination (NOT) inspection with UK CPMD & EQM. Once all punch items have been resolved and approval received, CM shall submit NOT to the Kentucky Division of Water. A copy shall be sent to the office of CARMAN and shall be retained with the BMP Plan and the SWPPP for a period of one year after filing the NOT. A copy of the NOT must be submitted to UK CPMD & EQM. The NOT form is included at the end of this section.

1.3 QUALITY ASSURANCE

A. Inspections: The CM shall employ an erosion control inspector to inspect all storm water control measures as outlined in the KPDES Storm Water General Permit (KYR10). Qualified inspector shall be certified by the Kentucky Erosion Prevention and Sediment Control Program (KEPSC). Inspections shall be made at least once every 7 days and within 24 hours of the end of a storm

event that is 0.5 inches or greater. Areas that have been temporarily or finally stabilized shall be inspected at least once every month. Revisions to the BMP plan based on the results of the inspection shall be implemented within seven (7) days of the inspection.

- B. Reports: The qualified inspector conducting the inspections shall prepare a report summarizing the scope of the inspection, names and qualifications of personnel making the inspection, the date of the inspection, major observations relating to the implementation of the BMP plan, and any corrective actions taken shall be made and kept as part of the BMP plan for at least three (3) years after the date of the inspection, or until one (1) year after coverage under the General Permit (KYR10) ends. The report is to include a certification statement as specified in the UK Design Standard 334000S01 and be signed by the qualified inspector. A copy of the report is to be delivered to CARMAN and the CM via the same transmittal and at the same time.
- C. The SWPPP implementation and methods of construction shall comply with the following standards
 - 1. UK Design Standard 33400S01 and LFUCG Stormwater Manual (current version).
 - 2. KPDES General Permit No.: KYR10, General KPDES Permit for Storm Water Point Source Discharges Construction Activities.
 - 3. EPA 832-R-92-005: Storm Water Management for Construction Activities: Developing Pollution Prevention Plans and Best Management Practices.

1.4 PROJECT DESCRIPTION

- A. General: The proposed Cancer Treatment Center development and land disturbance activity is located in Fayette County on land bordered by Elizabeth Street, Waller Avenue, South Limestone and Conn Terrace. The site also includes the Elizabeth Street right-of-way being realigned and extending north of Conn Terrace to Transcript Ave at the intersection with Press Avenue. Student Housing, offices and surface parking is located on the property owned by the University of Kentucky, adjacent to the Shriner's Hospital, which will remain. The University owns all of the surrounding property to the north and across South Limestone, to the east. Land to the west side of Elizabeth Street and south side of Waller Avenue is mostly privately owned residential property. The total property area planned to be disturbed during construction operations is approximately 15.13 acres, which is divided into several subprojects. The Elizabeth Street right-of-way improvements is the initial subproject and consists of approximately 4.46 acres. The following portions of the project are the excavation for the building basement (4.98 acres) and the southwestern portion of the site that will consist of internal driveways, plaza space and future building expansion area (3.13 acres). The final area is the parking structure, which consists of 2.56 acres. Sediment traps will be provided with 3,600 c.f. of storage per acre for each subproject area. The average post-construction runoff coefficient is slightly higher than the pre-construction runoff coefficient. The latitude and longitude are 38°01'45.66" and -84°30'41.87" respectively.
- B. Soils: The Fayette County Soil Survey was researched to determine the soil types for the affected watershed on this project. The site consists of Bluegrass-Maury Silt Loams (7.3 acres, Hydrologic Soil Group B), Donerail Silt Loam (2.3 acres, Hydrologic Soil Group C), Dunning Silty Clay Loam (0.5 acre, Hydrologic Soil Group C/D) and unclassified Urban Soils (5.23 acres).
- C. Site Conditions: The topography of the majority of the site slopes approximately 23 feet in elevation from the southwest to the northeast. The Elizabeth Street corridor slopes approximately 38 feet in elevation from south to north. The site is in the Wolf Run Creek watershed. The site development will result in a minimal increase in the amount of impervious surface, therefore an underground stormwater detention system consisting of infiltration

chambers is envisioned, which will limit runoff to pre-existing rates. Stormwater discharge will occur to the existing storm sewer which is directed to a regional detention basin across Press Ave, adjacent to the railroad tracks.

D. Critical Areas:

1. South Limestone Street, Waller Avenue and State Street: It is crucial for the motoring public to prevent mud and debris from entering the roadway.
2. Wolf Run Creek: Sediment controls must be in place prior to land disturbance activities to prevent sediment laden runoff from reaching the public sewer system and ultimately the receiving water.
3. The stormwater culvert receiving the site flow is also home to the CUP Stormwater Harvesting System. Any adverse impact to stormwater has the potential to negatively impact this system. Likewise, if any spills occur that enter the stormwater system the CUP should be notified as a precaution.

1.5 MATERIAL INVENTORY

A. The material or substances listed below are expected to be present onsite during construction. The CM shall amend this list as appropriate as part of the overall SWPPP.

1. Concrete
2. Detergents
3. Paints (enamel and latex)
4. Metal studs
5. Tar
6. Metal roofing
7. Fertilizers
8. Masonry Block
9. Wood
10. Petroleum products

PART 2 - CONTROLS

2.1 EROSION AND SEDIMENT CONTROL MEASURES

A. The erosion and sediment control measures will be typical of a small scale earth moving site including:

1. Construction Entrance
2. Dust and Pollutant Control
3. Fertilizer Application Control
4. Mulching-Permanent and Temporary
5. Silt Traps
6. Silt Fence Silt Control
7. Land Grading
8. Permanent Seeding/Sodding
9. Inlet Protection

2.2 BMP PLAN

- A. The permittee shall modify the BMP plan when there is a change in design, construction, operation, or maintenance of the site which has significant effect on the potential for the discharge of pollutants to the waters of the Commonwealth and shall implement the changes within seven (7) days.
- B. The permittee shall amend the BMP plan if it proves to be ineffective in controlling the discharge of pollutants to the waters of the Commonwealth and shall implement the changes within seven (7) days.

2.3 STABILIZATION PRACTICES

- A. Temporary Stabilization: Temporary stabilization of top soil stockpiles and disturbed portions of the site shall begin within 14 days on areas where construction activities have temporarily (for 21 days or more) ceased. Temporary stabilization can be accomplished through seeding Rye (grain) applied at 120 pounds per acre and/or straw mulching at a rate of 4,000 pounds of straw per acre.
- B. Permanent Stabilization: Disturbed portions of the site where construction activities permanently ceases shall be stabilized with permanent seed or sodded no later than 14 days after the last construction activity. Most areas will be sodded, however, seeded areas will receive the following. The permanent seed mix shall consist of 90% tall fescue (*Festuca arundinacea*) blend of minimum three (3) cultivars and 10% annual rye sown at a rate of 175-lbs/acre. Prior to seeding, ground agricultural limestone at rate specified by soil test and 220 lbs/acre of 20-26-6 fertilizer shall be applied to each acre stabilized. Seeding shall be done with a hydroseeding process as specified. Steep slopes and drainage channels shall be sodded. Follow specs for post fertilization and maintenance for watering, etc.
- C. Dust Control: Apply water, polyacrylamide, or other stabilizers to bare areas if windblown dust becomes a problem. Vegetative cover is the most effective means of dust and erosion control.
- D. Storm water management: The development of the site will not result in increased runoff during construction. However, the CM shall conduct all operations responsibly to prevent off-site sedimentation. Curb and gutter, catch basins, yard drains and piping will provide storm water capture and control. Roof drains will be piped underground to the storm drain system to prevent surface splash and erosion. The structural control measures detailed on the Erosion Control Plan are proposed to minimize the impact of erosion. An isolator row on an underground detention system will provide permanent water quality to runoff before it leaves the site and enters the public storm sewer.
- E. The CM shall also manage the site as needed according to the following checklist:
 - 1. Manage the site to infiltrate stormwater into the ground and keep sediment out of storm drains.
 - 2. Minimize the amount of exposed soil on site at any one time to the extent possible.
 - 3. Plan the project in stages to minimize the amount of area that is bare and subject to erosion.
 - 4. Vegetate disturbed areas with permanent or temporary seeding immediately upon reaching final grade.
 - 5. Vegetate or cover stockpiles that will not be used immediately.
 - 6. Reduce the velocity of stormwater both onto and away from the project area.

7. Use interceptors, diversions, vegetated buffers, and check dams to slow down stormwater as it travels across and away from the project site.
8. Construct temporary diversion measures to direct flow away from exposed areas toward stable portions of the site.
9. Protect defined channels immediately with measures adequate to handle the storm flows expected.
10. Use sod, geotextile, natural fiber, riprap, or other stabilization measures to allow channels to carry water without causing erosion.
11. Maintain all BMPs to ensure their effectiveness during the life of the project.
12. Maintain fences that protect sensitive areas, silt fences, diversion structures, and other BMPs.

2.4 OTHER CONTROLS

- A. **Waste Materials:** All waste materials will be collected and stored in a secure metal dumpster rented from licensed waste management company. All dumpsters shall meet all local and site solid waste regulations and shall remain covered when not in use. All trash and construction debris will be deposited in the dumpster. The dumpster will be emptied when 90% full and trash hauled to the respective approved landfill. No construction waste will be buried on site. All personnel will be instructed regarding the correct procedure for waste disposal. Notices stating these practices will be posted at the office trailer and the site superintendent will be responsible for seeing that these procedures are followed.
- B. **Hazardous Waste:** The use of any hazardous material is not anticipated at this site. But in such an event all hazardous waste materials will be disposed of in a manner specified by local or state regulation or by manufacturer. Site personnel will be instructed in these practices, and the site superintendent will be responsible for seeing that these practices are followed.
- C. **Sanitary Waste:** All sanitary waste will be collected from portable units at a minimum of one time per week by a licensed sanitary waste contractor as required by local regulation.
- D. **Offsite vehicle tracking:** Stabilized construction entrances shall be provided to help reduce vehicle tracking of sediments at the primary points of entry to the site. The adjacent paved street will be swept to remove any excess mud, dirt or rock tracked from site. Dump trucks hauling material from the site will be covered with a tarpaulin.
- E. **Non-Storm Water Discharges:** It is expected that the following non-storm water discharges could occur from the site during the construction period
 1. Water from water line sterilization/flushing. All water to be treated, neutralized, and handled per Kentucky Division of Water regulations.
 2. Pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred).
 3. Uncontaminated ground water (from dewatering excavation as applicable).

2.5 SEQUENCE OF MAJOR ACTIVITIES

- A. The CM shall prepare his BMP implementation schedule based on the following outline of major activities.

Construction Activity	Schedule Consideration
Construction Access-entrance to site, construction routes, equipment parking areas	This is the first land disturbing activity. As soon as construction begins, stabilize any bare areas with gravel and temporary vegetation.
Sediment traps and sediment fences	After construction site is accessed, principal sediment fence barriers, as applicable, should be installed, with addition of temporary traps and barriers as needed during grading operation.
Runoff control-diversions, perimeter dikes, water bars, outlet protection	Key practices should be installed after the installation of principal sediment traps and before land grading. Additional runoff control measures may be installed during grading as required.
Land clearing and grading-site preparation(topsoil strip, excavation, fill placement, grading, sediment traps, barriers, diversions, drains, surface roughening)	Implement major clearing and grading after installation of principal sediment and run off control measures, and install additional control measures as grading continues. Clear borrow and disposal areas as required, and mark tree and buffers for preservation. Clearing will be kept to a minimum.
Surface stabilization-temporary and permanent seeding, mulching, sodding, riprap	Temporary or permanent stabilizing measure should be applied immediately to any disturbed areas where work has been either completed or delayed 21 days. Land disturbance will be scheduled to limit exposure of bare soils to erosive elements to the extent possible.
Building construction-buildings, utilities, storm piping, curb and gutter, paving	During construction, install any erosion and sediment control measures that are needed per the attached specific sediment control plan and according to local regulatory agency, i.e., additional inlet control, etc. Install gravel areas for building material lay down and for vehicular traffic.
Landscaping and final stabilization-backfilling, topsoil replacement, trees, shrubs, permanent seeding, sodding, riprap	Last construction phase. Vegetation and mulch will be applied to applicable areas immediately after final grading is completed. Stabilize all open areas, including, borrow and fill areas, remove and stabilize temporary control measures as prescribed on the accompanying erosion control plan sheets.

- B. Timing of controls/measures: As indicated on the Sequence of Major Activities, silt fences and construction entrances will be constructed prior to clearing or grading on other portions of the site. Areas where construction activity ceases for more than 21 days will be stabilized with temporary seed and mulch within 14 days of the last disturbance. Once construction activity ceases permanently in an area, that area will be stabilized with permanent seed and mulch or sod as specified. After the entire site is stabilized, the accumulated sediment will be removed from the trap or basin and the check dams and silt fence removed as applicable.

2.6 SPILL PREVENTION

- A. Good Housekeeping: The following are material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff.
1. An effort will be made to store only enough product to do the job.
 2. All materials stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.
 3. Portable restrooms are to be located so that any spill will not enter into the stormwater runoff.
 4. Products will be kept in their original containers with original manufacturers label.
 5. Substances will not be mixed with one another unless recommended by manufacturer.
 6. Whenever possible, all of a product will be used up before disposing of the container.
 7. Manufacturers' recommendations for proper use and disposal will be followed.
 8. The site superintendent will inspect daily to ensure proper use and disposal of materials onsite.
 9. Petroleum products if stored on-site are to be contained within a double wall steel tank. Tank is to be inside of a bermed area lined with 6 mil plastic. Containment area is to be capable of withholding the entire contents of the tank in the event of a catastrophic spill.
- B. Hazardous Products: Hazardous materials are not expected to be brought to the site, if they are required then the guidelines below should be followed.
1. Product will be kept in original containers unless they are not resealable.
 2. Original labels and material safety data sheets will be retained for product information.
 3. If surplus product must be disposed of, manufacturer's, local government, and state recommended methods for proper disposal shall be followed.
- C. Petroleum Products: All onsite vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chances of leakage. Petroleum products will be stored in tightly sealed containers, which are clearly labeled. Portable equipment fuel tanks will be located as far away from surface water bodies as possible. All oils drained from equipment will be captured in pans or other suitable equipment and placed in drums for removal from site for disposal at an approved off-site location.
- D. Fertilizers used will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked into the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.
- E. Paints: All containers will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm sewer system, but will be properly disposed of according to manufacturers' instructions or State and local regulations.
- F. Concrete trucks will be required to wash out or discharge surplus concrete or drum wash water into a wash out pit. The wash out pit shall be designated in an area that does not receive significant runoff and does not drain into a storm network. Upon the completion of the project, this area would be cleared of the concrete and the site restored.
- G. Any asphalt substances used onsite will be applied according to KYDOH standards.
- H. Spill Control Practices: In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup.

1. Manufacturers' recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the locations of the information and cleanup supplies.
 2. Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite. Equipment and materials will include but not limited to brooms, dustpans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically designed for this purpose.
 3. All spills will be cleaned up immediately after discovery.
 4. The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
 5. Spills of toxic or hazardous material will be reported to the appropriate State or local government agency, regardless of size.
 6. The spill prevention plan will be adjusted to include measures to prevent this type of spill from reoccurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.
 7. The site superintendent responsible for the day-to-day site operations will be the spill prevention and cleanup coordinator. He will designate at least three other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel will be posted in the material storage area in the office trailer onsite.
- I. Spill Notification: In the event of a spill, make the appropriate notification(s) consistent with the following procedures.
1. Any spill of gasoline greater than 25 gallons in a 24-hour period or spill of diesel fuel greater than 75 gallons in a 24-hour period must be reported to the Kentucky Environmental Response Team at (800) 928-2380.
 2. Any spill of oil that 1) violates water quality standards, 2) produces a "sheen" on a surface water, or 3) causes a sludge or emulsion must be reported to the Kentucky Environmental Response Team at (800) 928-2380.
 3. Any spill of oil or hazardous substance to waters of the state must be reported immediately by the telephone to the List State agency and phone number.
 4. Any release of a hazardous substance that may be a threat to human health or the environment must be reported to the List State agency and phone number immediately upon discovery.

PART 3 - CERTIFICATION

3.1 CONTRACTORS AND SUBCONTRACTORS

- A. As part of the BMP implementation schedule, the CM shall clearly state the Contractor or Subcontractor that will implement each control measure identified on the BMP plan.
- B. All Contractors and Subcontractors identified in the BMP plan must sign a copy of the certification statement below before conducting any professional service at the site.

1. Construction Manager

- a. "I certify under penalty of law that I understand the terms and conditions of the general National Pollution Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification."

_____	_____
Company Name, Address and Phone	Name
_____	_____
_____	Title
_____	_____
_____	Site Address

2. Earthwork Contractor

- a. "I certify under penalty of law that I understand the terms and conditions of the general National Pollution Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification."

_____	_____
Company Name, Address and Phone	Name
_____	_____
_____	Title
_____	_____
_____	Site Address

3. Storm Sewer Contractor

- a. "I certify under penalty of law that I understand the terms and conditions of the general National Pollution Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification."

_____	_____
Company Name, Address and Phone	Name
_____	_____
_____	Title
_____	_____
_____	Site Address

4. Site Utility Contractor

- a. "I certify under penalty of law that I understand the terms and conditions of the general National Pollution Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification."

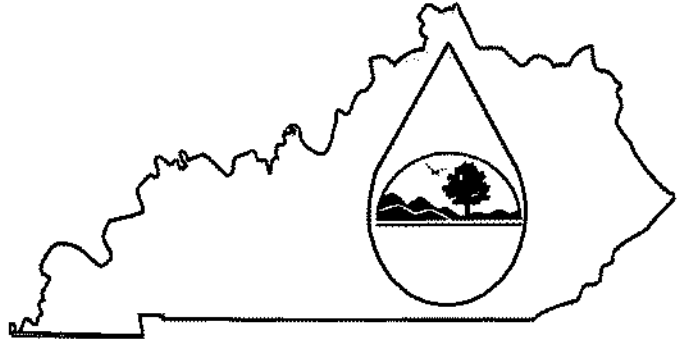
Company Name, Address and Phone

Name

Title

Site Address

KPDES FORM NOT-SW

	<p style="text-align: center;">Kentucky Pollutant Discharge Elimination System (KPDES)</p> <p style="text-align: center;">NOTICE OF TERMINATION (NOT) of Coverage Under the KPDES General Permit for Storm Water Discharges Associated with Industrial Activity</p>
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Submission of this Notice of Termination constitutes notice that the party identified in Section II of this form is no longer authorized to discharge storm water associated with industrial activity under the KPDES program.

ALL NECESSARY INFORMATION MUST BE PROVIDED ON THIS FORM.
 (Please see instructions on back before completing this form.)

I. PERMIT INFORMATION
KPDES Storm Water General Permit Number:
Check here if you are no longer the Operator of the Facility: <input type="checkbox"/>
Check here if the Storm Water Discharge is Being Terminated: <input type="checkbox"/>
II. FACILITY OPERATOR INFORMATION
Name:
Address:
City/State/Zip Code:
Telephone Number:
III. FACILITY/SITE LOCATION INFORMATION
Name:
Address:
City/State/Zip Code:

Certification: I certify under penalty of law that all storm water discharges associated with industrial activity from the identified facility that are authorized by a KPDES general permit have been eliminated or that I am no longer the operator of the facility or construction site. I understand that by submitting this Notice of Termination, I am no longer authorized to discharge storm water associated with industrial activity under this general permit, and that discharging pollutants in storm water associated with industrial activity of waters of the Commonwealth is unlawful under the Clean Water Act and Kentucky Regulations where the discharge is not authorized by a KPDES permit. I also understand that the submittal of this Notice of Termination does not release an operator from liability for any violations of this permit or the Kentucky Revised Statutes.

NAME (Print or Type)	TITLE
SIGNATURE	DATE

Revised June 1999

**INSTRUCTIONS
NOTICE OF TERMINATION (NOT) OF COVERAGE UNDER THE KPDES GENERAL PERMIT
FOR STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY**

Who May File a Notice of Termination (NOT) Form

Permittees who are presently covered under the Kentucky Pollutant Discharge Elimination System (KPDES) General Permit for Storm Water Discharges Associated with Industrial Activity may submit a Notice of Termination (NOT) form when their facilities no longer have any storm water discharges associated with industrial activity as defined in the storm water regulations at 40 CFR 122.26 (b)(14), or when they are no longer the operator of the facilities.

For construction activities, elimination of all storm water discharges associated with industrial activity occurs when disturbed soils at the construction site have been finally stabilized and temporary erosion and sediment control measures have been removed or will be removed at an appropriate time, or that all storm water discharges associated with industrial activity from the construction site that are authorized by a KPDES general permit have otherwise been eliminated. Final stabilization means that all soil-disturbing activities at the site have been completed, and that a uniform perennial vegetative cover with a density of 70% of the cover for unpaved areas and areas not covered by permanent structures has been established, or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed.

Where to File NOT Form

Send this form to the following address:

**Section Supervisor
Inventory & Data Management Section
KPDES Branch, Division of Water
14 Reilly Road, Frankfort Office Park
Frankfort, KY 40601**

Completing the Form

Type or print legibly in the appropriate areas and according to the instructions given for each section. If you have questions about this form, call the Storm Water Contact, Industrial Section, at (502) 564-3410.

Section I - Permit Information

Enter the existing KPDES Storm Water General Permit number assigned to the facility or site identified in Section III. If you do not know the permit number, **call the Storm Water Contact, Industrial Section at (502) 564-3410.**

Indicate your reason for submitting this Notice of Termination by checking the appropriate box:

If there has been a change of operator and you are no longer the operator of the facility or site identified in Section III, check the corresponding box.

If all storm water discharges at the facility or site identified in Section III have been terminated, check the corresponding box.

Section II - Facility Operator Information

Give the legal name of the person, firm, public organization, or any other entity that operates the facility or site described in this application. The name of the operator may or may not be the same name as the facility. The operator of the facility is the legal entity which controls the facility's operation, rather than the plant or site manager. Do not use a colloquial name. Enter the complete address and telephone number of the operator.

Section III - Facility/Site Location Information

Enter the facility's or site's official or legal name and complete address, including city, state and ZIP code. If the facility lacks a street address, indicate the state, the latitude and longitude of the facility to the nearest 15 seconds, or the quarter, section, township, and range (to the nearest quarter section) of the approximate center of the site.

Section IV - Certification

Federal statutes provide for severe penalties for submitting false information on this application form. Federal regulations require this application to be signed as follows:

For a corporation: by a responsible corporate officer, which means: (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions, or (ii) the manager of one or more manufacturing, production or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or

For a municipality, State, Federal, or other public facility: by either a principal executive



LEXINGTON

OFFICE USE ONLY

NDCS
 NDCL
 NDRS
 NDRL
 CIP-DOE
 CIP-DWQ
 CIP-OTH
 DEMO

Inspector Report #

SOIL EROSION AND SEDIMENT CONTROL INSPECTION REPORT

PROJECT NAME OR ADDRESS: _____ GRADING/BUILDING PERMIT # _____

TYPE OF OPERATOR (Check one): CONTRACTOR DEVELOPER BUILDER NAME: _____

INSPECTION DATE: _____ TIME: _____ INSPECTED BY (INITIALS): _____

COMPLIANCE LEVEL			Reason for Inspection (Check one):
Compliant	Non-Compliant	N/A	<input type="checkbox"/> Initial ESC <input type="checkbox"/> Regular/Targeted <input type="checkbox"/> 2 nd Targeted <input type="checkbox"/> Verbal Follow-up <input type="checkbox"/> NOV Follow-up <input type="checkbox"/> Complaint <input type="checkbox"/> Other: _____
1			Engineer's Erosion and Sediment Control Plan is on site and is being followed
2			Written, signed weekly inspection reports by permittee are on site
3			Environmentally Sensitive Areas are marked with orange fence, undisturbed and protected from sediment
4			Floodplain is free of grading, stockpiling and activity except as shown on ESC Plan
5			50 Foot Buffer strip along streams, sinkholes, and wetlands is marked and is free of construction activity
6			Maximum area exposed without mulch is 25 acres
7			Disturbed areas inactive for 14 days are stabilized with appropriate materials
8			Construction entrance and parking areas (where provided) are properly sized and stabilized with No. 2 stone
9			Diversion channels are installed and stabilized
10			Silt fence is installed, properly trenched in, and maintained down slope of bare areas
11			Sediment ponds are installed and maintained
12			Sediment traps are installed below areas that do not drain into sediment ponds
13			Stormwater pipe inlets and curb/drop inlets and outlets are properly protected
14			Check dams are installed and maintained
15			Impact stilling basins are installed and properly stabilized
16			Soil stockpiles are mulched or seeded and protected with perimeter silt fence
17			Erosion control blanket or turf mat is installed and maintained
18			Channels/ditches are stabilized immediately with sod (or seed with blanket/mat)
19			Stream crossings are installed with rock driveway, mulched slopes, and maintained
20			Dewatering discharge is filtered/infiltrated with no muddy discharge to streams/inlets
21			Pump around flow diversions are in operation
22			Soil and mud is being kept off streets
23			Soil and mud is being kept out of ditches, streams, and other waters
24			Trash, debris, fuel, and other materials are properly stored/maintained
25			Concrete washout site is installed and properly maintained
26			Dust Controls are properly implemented and maintained

COMMENTS:



LEXINGTON

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NDCS NDCL NDRS NDRL CIP-DOE CIP-DWQ CIP-OTH DEMO

Inspector Report #

CERTIFICATION STATEMENT

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Print name and title: _____

Signature: _____ **Date:** _____



SOLID GROUND
CONSULTING ENGINEERS, PLLC
Engineering Innovation; Providing Solutions to Your Challenges.

January 15, 2024

Mr. Adam Elgersma
Champlin Architecture
2333 Alexandria Drive
Suite 235
Lexington, Kentucky 40504

Subject: **Geotechnical Exploration Letter
Cancer Center Utility Tunnel
University of Kentucky
Lexington, Kentucky
Solid Ground Project No.: 23-569**

Dear Mr. Elgersma,

Solid Ground Consulting Engineers, PLLC (Solid Ground) is pleased to present you with this letter outlining geotechnical services provided for the proposed University of Kentucky Cancer Center Utility Tunnel located in Lexington, KY. This work was completed in general accordance with the Solid Ground Proposal #129623, dated December 14, 2023.

On December 18, 2023, we completed a total of three (3) rock core borings to determine depth to and quality of limestone bedrock underneath Nicholasville Road for a planned utility tunnel. Soil overburden generally consisted of a stiff, brown silty clay with varying amounts of gravel. consisted of fill material consisting of brown, Silty Clay (CL-ML). Auger refusal was encountered between 5.5 feet and 12.0 feet. All three (3) cores were extended to at least 40.0 feet. Boring and rock core logs are attached to this letter.

Geologic information was referenced from the Kentucky Geological Survey (KGS), shows that the site is underlain by the Brannon Member of the Lexington Limestone Formation. This unit is comprised of limestone with Shale layers.

Bedrock Information

Bedrock was cored at all boring locations to a minimum depth of 40.0 feet from the ground surface. Each boring was located per the coordinate map that you provided us. Boring locations (lat/long) and elevations can be found on the attached boring logs.

In general, rock recoveries ranged from 87 to 100 percent while rock quality designation (RQD) ranged from 36 to 100 percent. Typically, the RQD within the upper 10 feet of coring was observed to have lower RQD values.

Limitations

Our recommendations have been prepared using generally accepted standards of geotechnical engineering practices in the Commonwealth of Kentucky. No other warranty is expressed or implied.

The information provided is based on the subsurface information and other findings obtained by Solid Ground as well as information provided by you. If subsurface conditions detailed in this report are different than what is encountered during construction, we should be notified immediately to modify the foundation recommendations if deemed necessary. We cannot be held responsible for the impact of those conditions on the project if those impacts are not made known to us.

The scope of services did not include an environmental assessment for determining the presence or absence of wetlands or hazardous or toxic materials.

We appreciate the opportunity to provide our consulting services to you. We look forward to working with you on this and future projects.

Sincerely,

SOLID GROUND CONSULTING ENGINEERS, PLLC



Beck Smith, PE
Senior Engineer
Kentucky License Number 37415





Soil Boring: B-1

Project: UK Cancer Center Utility Tunnel
Location: Lexington, Kentucky
Project Number: 23-569

Date Started: 12/18/23	Date Completed: 12/18/23	Lat/Long: 38.028497 / -84.510204
Location Accuracy: Surveyed	Client Name: University of Kentucky	Hammer Type: Auto
Method: HSA/NX		

Depth (ft)	Elevation (ft)	Graphic Log	Rig Type Tooling Surface Elevation	Diedrich D-50 3-1/4" Hollow Stem Auger 986'	Samples					
					Depth of Sample	Sample Type	Blow Counts	Uncorrected N-Value	% Recovery	% RQD
			Visual Classification and Remarks							
	985		Asphalt	0.7						
			Gravel	1.0						
			Silty Clay , stiff, brown (CL)		2 ft		4-5-8	13		
5					4.5 ft					
					5.5 ft		3-4-50/0.1'	54		
	980		Auger refusal at 5.5'						87	36
			Limestone with shale layers, slightly weathered, hard, gray							
10										
	975									
15					15.5 ft				96	90
	970		Lost return water at 16.5'							
20										
	965				23.5 ft				100	100

Graphics Legend

- After Drilling (AD)
- Asphalt
- Gravel
- CL
- Limestone
- SS - Small Split Spoon
- Core - Core Sample

Water Levels

- Water encountered @ 16.5' after coring
-
-
-

Soil Boring: B-1



Project: UK Cancer Center Utility Tunnel
Location: Lexington, Kentucky
Project Number: 23-569

Date Started: 12/18/23	Date Completed: 12/18/23	Lat/Long: 38.028497 / -84.510204
Location Accuracy: Surveyed	Client Name: University of Kentucky	Hammer Type: Auto
Method: HSA/NX		

Depth (ft)	Elevation (ft)	Graphic Log	Rig Type Tooling Surface Elevation	Diedrich D-50 3-1/4" Hollow Stem Auger 986'	Samples						
					Depth of Sample	Sample Type	Blow Counts	Uncorrected N-Value	% Recovery	% RQD	
			Visual Classification and Remarks								
	960		Limestone with shale layers, slightly weathered, hard, gray		25 ft				100	100	
					26.5 ft				97	85	
30	955										
35	950				36.5 ft				89	54	
40				40.0							

Bottom of borehole at 40.0'

Graphics Legend



Limestone



Core - Core Sample

Water Levels

Water encountered @ 16.5' after coring



Soil Boring: B-2



Project: UK Cancer Center Utility Tunnel
Location: Lexington, Kentucky
Project Number: 23-569

Date Started: 12/18/23	Date Completed: 12/18/23	Lat/Long: 38.028508 / -84.510353
Location Accuracy: Surveyed	Client Name: University of Kentucky	Hammer Type: Auto
Method: HSA/NX		

Depth (ft)	Elevation (ft)	Graphic Log	Rig Type Tooling Surface Elevation	Diedrich D-50 3-1/4" Hollow Stem Auger 985.5'	Samples			
					Depth of Sample	Sample Type	% Recovery	% RQD
			Visual Classification and Remarks					
	985		Topsoil	0.2				
			Lean Clay , stiff, brown (CL)					
5	980		Auger refusal at 7.0'		7 ft		92	38
			Limestone	7.0				
			with shale layers, slightly weathered, gray					
10	975							
15	970				15.5 ft		100	73
20	965							

Graphics Legend		Water Levels	
	After Drilling (AD)		Limestone
	Topsoil		Core - Core Sample
	CL		Water encountered @ 4' after coring

Soil Boring: B-2



Project: UK Cancer Center Utility Tunnel
Location: Lexington, Kentucky
Project Number: 23-569

Date Started: 12/18/23	Date Completed: 12/18/23	Lat/Long: 38.028508 / -84.510353
Location Accuracy: Surveyed	Client Name: University of Kentucky	Hammer Type: Auto
Method: HSA/NX		

Depth (ft)	Elevation (ft)	Graphic Log	Rig Type Tooling Surface Elevation	Samples				
				Depth of Sample	Sample Type	% Recovery	% RQD	
			Diedrich D-50 3-1/4" Hollow Stem Auger 985.5'					
			Visual Classification and Remarks					
	960		Limestone with shale layers, slightly weathered, gray	25.5 ft		100	73	
						100	82	
30	955							
	950			35.5 ft		100	68	
40	945							

Bottom of borehole at 40.5'

Graphics Legend



Limestone



Core - Core Sample

Water Levels

	Water encountered @ 4' after coring

Soil Boring: B-3



Project: UK Cancer Center Utility Tunnel
Location: Lexington, Kentucky
Project Number: 23-569

Date Started: 12/18/23	Date Completed: 12/18/23	Lat/Long: 38.028551 / -84.510776
Location Accuracy: Surveyed	Client Name: University of Kentucky	Hammer Type: Auto
Method: HSA/NX		

Depth (ft)	Elevation (ft)	Graphic Log	Rig Type Tooling Surface Elevation	Diedrich D-50 3-1/4" Hollow Stem Auger 988.6'	Samples					
					Depth of Sample	Sample Type	Uncorrected N-Value	Blow Counts	% Recovery	% RQD
Visual Classification and Remarks										
			Asphalt	0.4						
			Gravel	1.1						
			Silty Clay, soft to stiff, brown (CL)							
985					2 ft		4	2-2-2		
5					4.5 ft		9	2-4-5		
					7 ft		16	3-7-9		
980					9.5 ft		9	2-4-5		
10					12 ft				96	48
975			Limestone with shale layers, slightly weathered, gray	12.0						
15					20 ft				97	95
970										
20										
965										

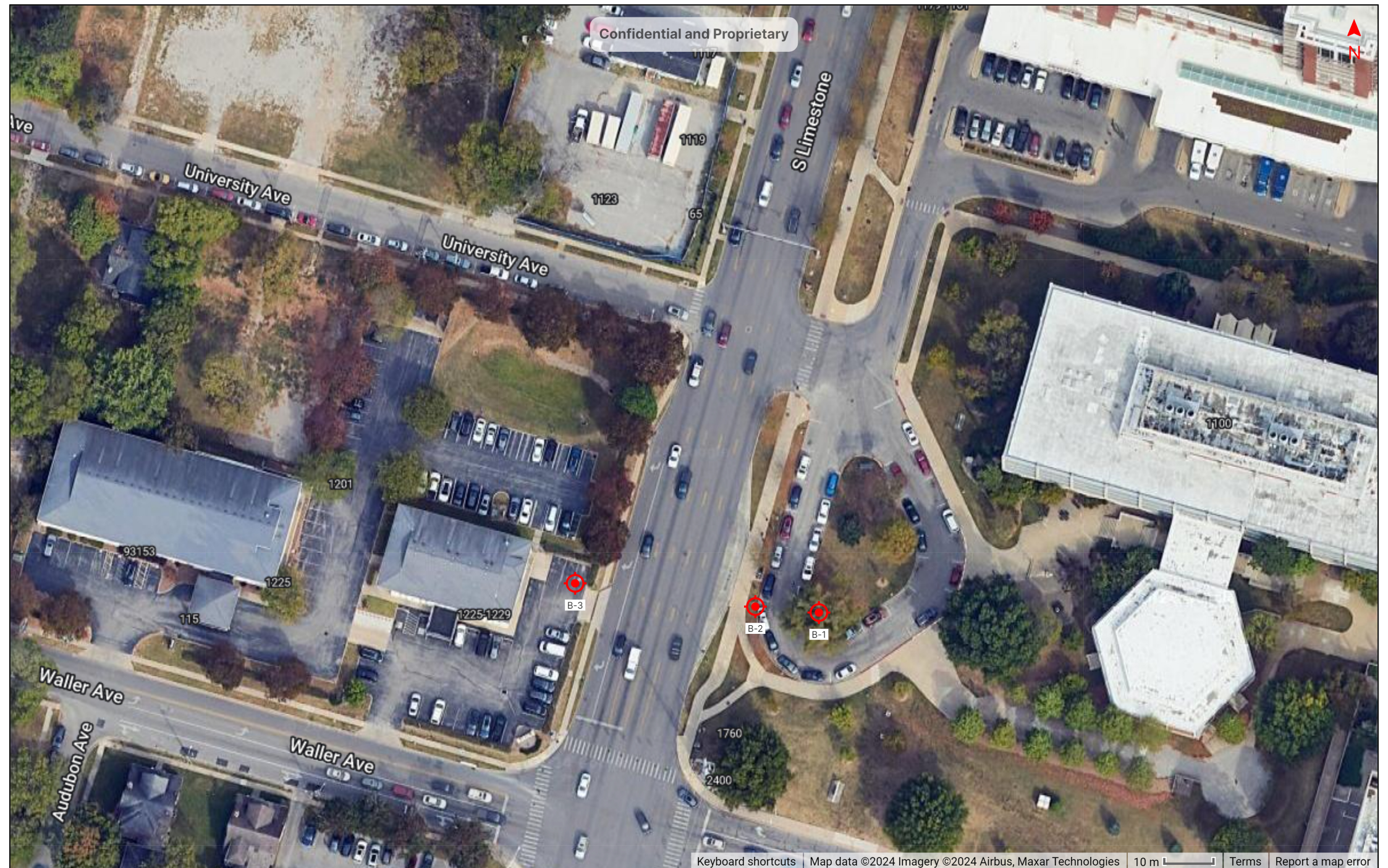
Graphics Legend

	Asphalt		Limestone
	Gravel		SS - Small Split Spoon
	CL		Core - Core Sample

Water Levels

	Water encountered @ 25' after coring

Confidential and Proprietary



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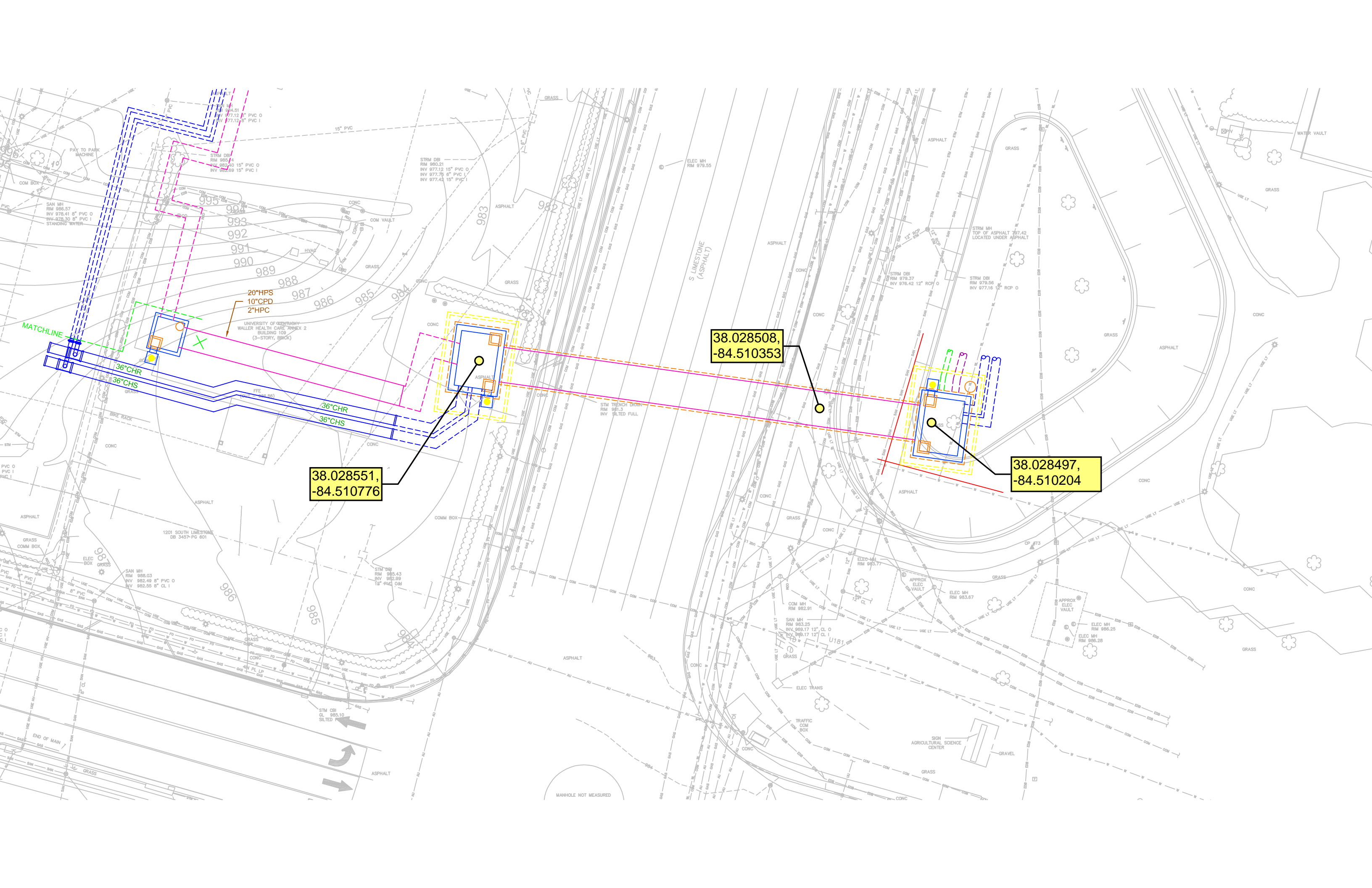


PREPARED BY
Solid Ground Consulting Engineers
Richmond, KY

PROJECT
Name: UK Cancer Center Utility Tunnel
Number: 23-569

LOCATION
38.028476, -84.510580
Lexington, KY

SYMBOL KEY
 Soil Borings



MATCHLINE

20" HPS
10" CPD
2" HPC

UNIVERSITY OF OKLAHOMA
WALLER HEALTH CARE ANNEX 2
BUILDING 109
(5-STORY, BRICK)

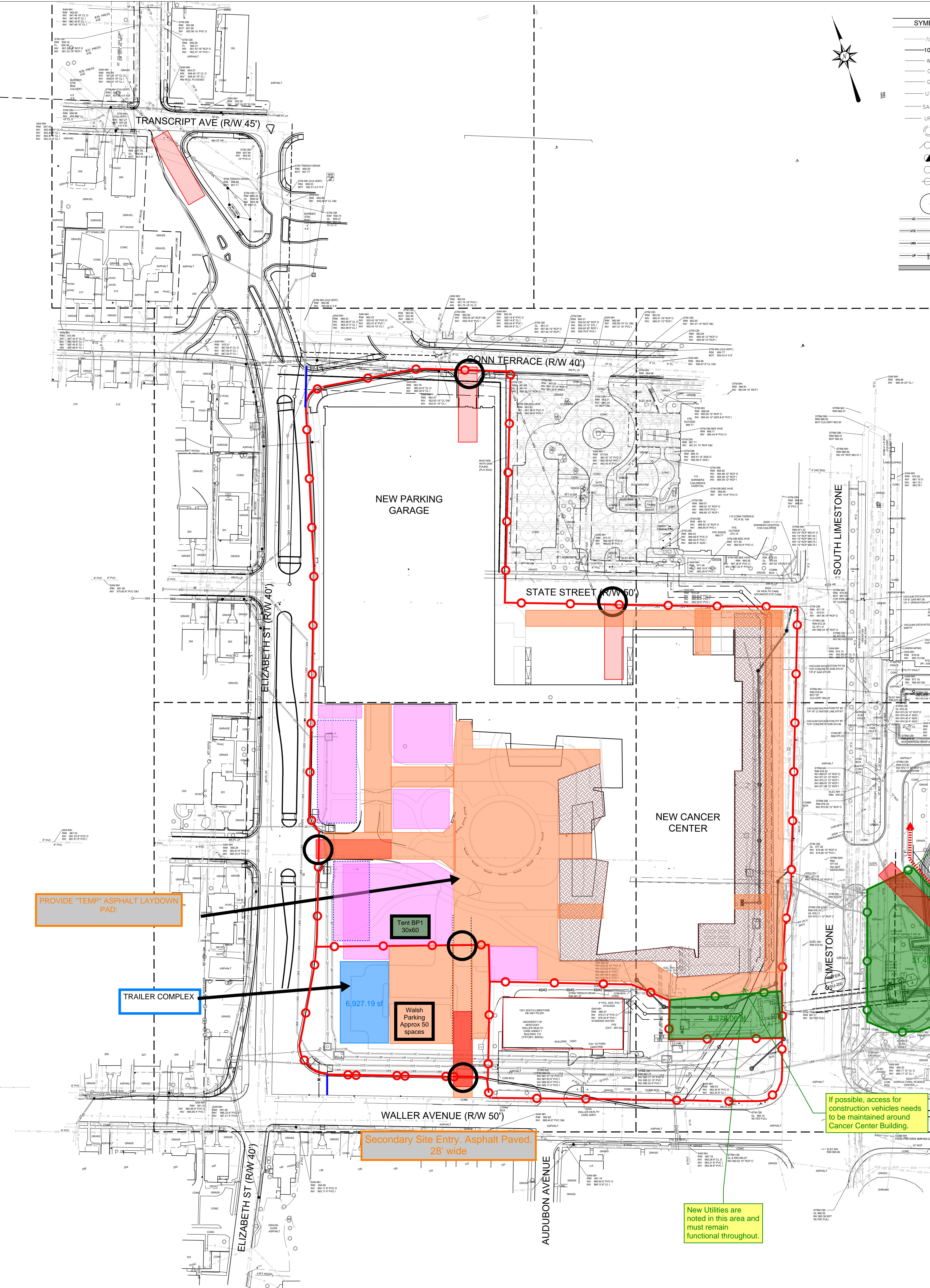
38.02851,
-84.510776

38.028508,
-84.510353

38.028497,
-84.510204



MANHOLE NOT MEASURED



- PRIMARY SITE FENCELINE FOR MAJORITY OF JOB DURATION
- Potential FenceLine for Tunnel Contractor. Tunnel Contractor to propose location of fenceLine and provide fencing and SWPPP.
- PERMANENT VEHICLE GATE LOCATION
- Proposed work area for Tunnel Design Build Contractor.
- SWPPP CONSTRUCTION ENTRANCES. LOCATIONS WILL SHIFT WITH SHIFTING FENCELINE AND GATE LOCATIONS.
- TWO SWPPP CONSTRUCTION ENTRANCES HAVE BEEN LOCATED FOR ELIZABETH STREET WORK.
- TRAILER LOCATION
- ASPHALT LAYDOWN AND WALSH PARKING LOT
- STONE LAYDOWN
- Stone Work area around building edge

PROVIDE "TEMP" ASPHALT LAYDOWN PAD:

TRAILER COMPLEX

Secondary Site Entry. Asphalt Paved 28' wide

Provide for SWPPP entry into work area.

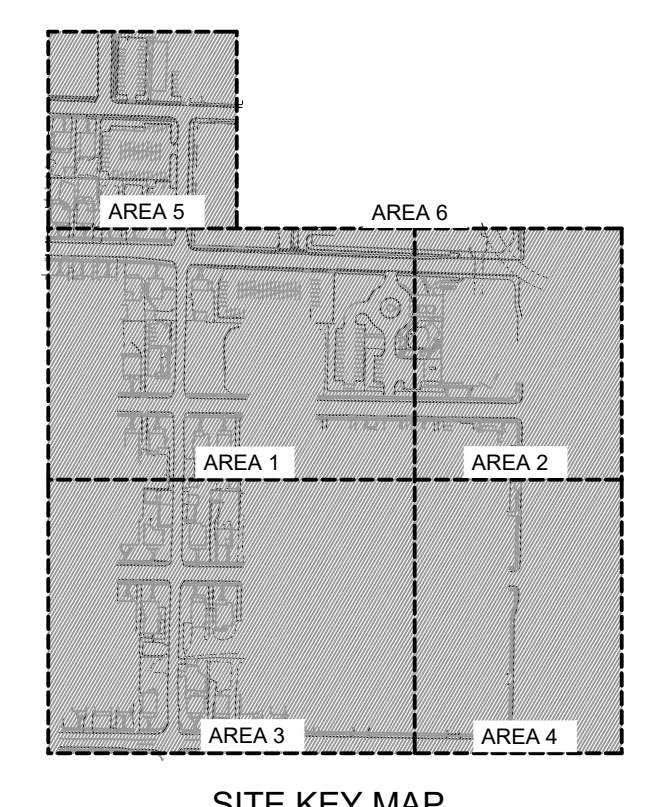
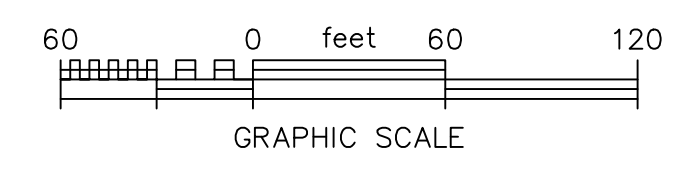
If sidewalk closed - provide safe (level smooth lit) means of access and egress from active buildings.

Subcontractor Shall Maintain access to Agg Building FDC for fire department vehicles.

If possible, access for construction vehicles needs to be maintained around Cancer Center Building.

Kentucky Utilities will have a parallel high voltage transmission project ongoing in vicinity of tunnel.

New Utilities are noted in this area and must remain functional throughout.



SITE LEGEND

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
---100---	EXISTING CONTOUR ELEVATION	X 520.0	EXISTING SPOT ELEV.
---100---	PROPOSED CONTOUR ELEVATION	±520.0	PROPOSED SPOT ELEV.
W	WATER LINE	---	EDGE OF PAVEMENT
OE	ELECTRIC LINE	---	PROPERTY BOUNDARY
G	GAS LINE	---	EASEMENT
UT	UNDERGROUND TELEPHONE LINE	CM	GAS METER
SAN	SANITARY SEWER LINE	+	BENCH MARK
UFO	UNDERGROUND FIBER OPTIC	DND	DO NOT DISTURB
MANHOLE	MANHOLE	---	EXISTING COMMUNICATION LINE
FH	FIRE HYDRANT	---	EXISTING COMMUNICATION DUCT BANK
WM	WATER METER	---	EXISTING ELECTRIC
WV	WATER VALVE	---	EXISTING STEAM LINE
UP	UTILITY POLE	---	EXISTING ELECTRIC HIGH VOLTAGE
---	EXISTING TREE	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND COMMUNICATIONS	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND DISTRIBUTION (KU)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND TRANSMISSION (KU)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND DISTRIBUTION (UK)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED UNDERGROUND TRANSMISSION (UK)	---	PROPOSED OVERHEAD TRANSMISSION (KU)
---	PROPOSED STORM DRAINAGE PIPING	---	PROPOSED OVERHEAD TRANSMISSION (KU)

- UTILITY PLAN NOTES:
- WATER MAIN DESIGN AND INSTALLATION BY KENTUCKY AMERICAN WATER.
 - FIRE HYDRANT ASSEMBLY BY KENTUCKY AMERICAN WATER.
 - GAS MAIN DESIGN BY COLUMBIA GAS.
 - SEE SHEETS U300, U301 AND U302 FOR SANITARY SEWER PLAN AND PROFILE SHEETS.
 - SEE SHEET C100.2 AND C100.4 FOR STORM DRAINAGE PLAN, AREA 2 AND 4.
 - ELIZABETH STREET STORM DRAINAGE SYSTEM. SEE ELIZABETH STREET ROAD IMPROVEMENT PLANS.
 - NEW ELECTRIC/COMMUNICATION LINES. SEE SHEETS EU (BID PACKAGE 01) FOR INFORMATION.
 - NEW THERMAL UTILITIES. SEE SHEETS SU (BID PACKAGE 02) FOR INFORMATION.
 - NEW THERMAL TUNNEL/STRUCTURE. SEE SHEETS SU (BID PACKAGE 02) FOR INFORMATION.
 - UTILITIES INCLUDED IN SHEETS U200 THROUGH U205 REFER TO WATER, SEWER, NATURAL GAS AND STORM. OTHER PROPOSED UTILITIES ARE DETAILED ON OTHER DRAWINGS.

BEFORE YOU DIG:
 KENTUCKY STATUTES (KRS 367.4603 THROUGH 367.4617) REQUIRE THAT ALL EXCAVATORS PLANNING EXCAVATION OR DEMOLITION WORK SHALL CALL ALL UTILITY COMPANIES IN THE AREA AND/OR AN UNDERGROUND PROTECTIONS SERVICE SUCH AS "BUIT" (1-800-752-6007) NOT LESS THAN TWO (2) BUSINESS DAYS NOR MORE THAN TEN (10) BUSINESS DAYS PRIOR TO COMMENCING WORK TO NOTIFY UTILITY COMPANIES IN THE AREA WITH UNDERGROUND FACILITIES OF THE PLANNED EXCAVATION OR DEMOLITION ACTIVITIES.

Author: 10/19/2023 8:36:39 AM Autodesk Docs://1446263 - UKHC Cancer Treatment & Advanced Ambulatory Center/25-UKHC-SHELLELDRE-1446263.rvt

CHAMPLIN ARCHITECTURE
 2333 Alexandria Drive
 Lexington, KY 40504
 T 859.331.5995
 thinkchamplin.com
 THINK CREATE REALIZE

HGA
 420 North 5th Street, Suite 100
 Minneapolis, Minnesota 55401
 Telephone 612.758.4000

THP
AEI Affiliated Engineers

CMTA
OLIN

CARMAN LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING

WALSH CONSULTING GROUP
bell engineering

CDM Smith
PIVOTAL lighting design

UK HEALTHCARE
Cancer Treatment Center + Advanced Ambulatory Center
 LEXINGTON, KENTUCKY
 UK Project Number 2563.0

ISSUANCES

No.	Description	Date
1	Thermal Utility Tunnel RFP	

DRAWING TITLE

Site Logistics Plan - Tunnel

SHEET NO.

BELL_8600-117

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