

**NOT FOR CONSTRUCTION**

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 1927-004-00  
**LEVEL 02 AREA D  
- NOTATION  
PLAN**

DATE: SEPTEMBER 6, 2022  
FINAL DEVELOPMENT  
PLAN

**A202D.3**

MATCHLINE SEE: 1/A202C.3



**1** NOTATION PLAN - LEVEL 02 - AREA D  
1/8" = 1'-0"

**GENERAL NOTES - FLOOR PLAN**

- A. ALL INTERIOR PARTITIONS SHALL BE "A3," UNLESS NOTED OTHERWISE.
- B. PLAN DIMENSIONS ARE FROM FACE OF PARTITION TYPE AND DO NOT INCLUDE APPLIED FINISHES, UNLESS NOTED OTHERWISE. PLAN DIMENSIONS INDICATED AS "HOLD" OR "CLEAR" DIMENSIONS ARE FROM FACE OF APPLIED FINISH.
- C. INSTALL WORK STRAIGHT, PLUMB, LEVEL, SQUARE, AND TRUE, IN PROPER ALIGNMENT.
- D. FLATNESS LEVEL FLOORS TO TRUE PLANE WITHIN 1/4 INCH (6 MM) IN 10'-0" (3 M) WHEN TESTED BY TEN FOOT (3 M) STRAIGHTEDGE PLACED ANYWHERE ON FLOOR IN ANY DIRECTION.
- E. COORDINATE FURNITURE-RELATED ELECTRICAL LAYOUT WITH FURNITURE VENDOR.
- F. WHERE HANDRAILS, GRAB BARS, CABINETS, WALL-MOUNTED DOOR STOPS, OR OTHER WALL-HUNG ITEMS ARE ATTACHED TO PARTITIONS, INSTALL BACKER PLATES [OR WOOD BLOCKING] ACCURATELY POSITIONED AND FIRMLY SECURED TO METAL STUDS, WHETHER OR NOT SUCH BACKER PLATES OR BLOCKING ARE INDICATED ON DRAWINGS.
- G. PRIOR TO CONCEALMENT OF FIRE RESISTIVE MATERIALS BY OTHER WORK, PATCH AND REPAIR AREAS OF REMOVED OR DAMAGED APPLIED FIREPROOFING. COORDINATE TESTING AND INSPECTION OF ASSEMBLIES AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- H. PROVIDE FIRESTOPPING OF PENETRATIONS AND VOIDS THROUGH FIRE-RATED WALL, FLOOR AND PARTITION ASSEMBLIES (AND ROOF) INCLUDING EMPTY OPENINGS AND OPENINGS CONTAINING CABLES, PIPES, DUCTS, CONDUIT AND OTHER ELEMENTS.
- I. AT SOUND-RATED PARTITION WALLS, PROVIDE CONTINUOUS BEAD OF ACOUSTICAL SEALANT AT JUNCTURE OF BOTH FACES OF RUNNERS OR PLATES WITH FLOOR AND CEILING CONSTRUCTION, AND WHEREVER GYPSUM BOARD ABUTS DISSIMILAR MATERIALS.
  - AT OPENINGS AND CUTOUTS, FILL OPEN SPACES BETWEEN GYPSUM BOARD AND FIXTURES, CABINETS, DUCTS AND OTHER FLUSH OR PENETRATING ITEMS, WITH CONTINUOUS BEAD OF SEALANT.
  - SEAL SIDES AND BACKS OF ELECTRICAL BOXES TO COMPLETELY CLOSE OFF OPENINGS AND JOINTS.

Author: 08/20/2022 8:37:07 AM B:\1953\Mount Carmel\195 - Dublin Hospital\252-Mount Carmel - Dublin - IN - 1957-2604.rvt

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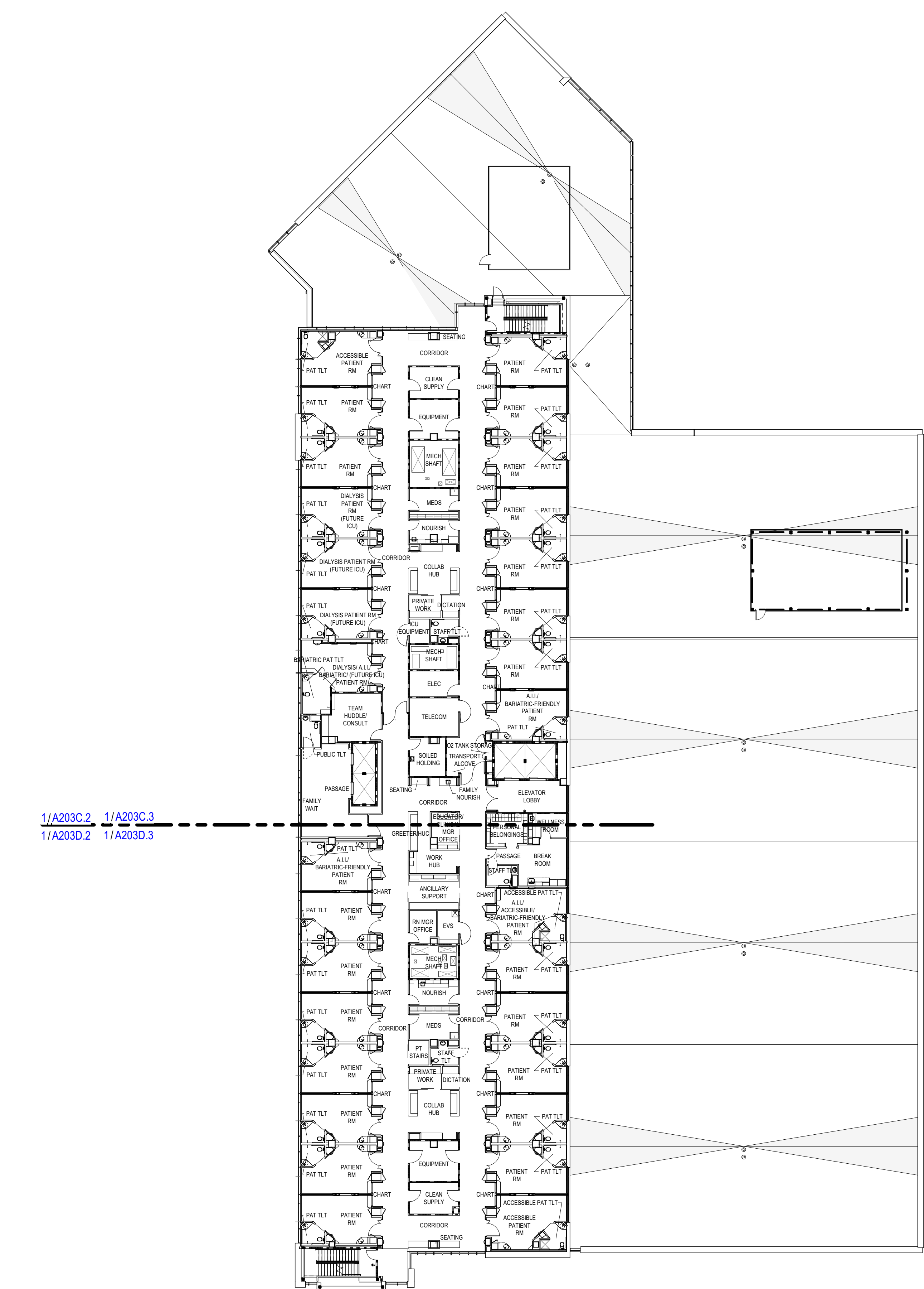
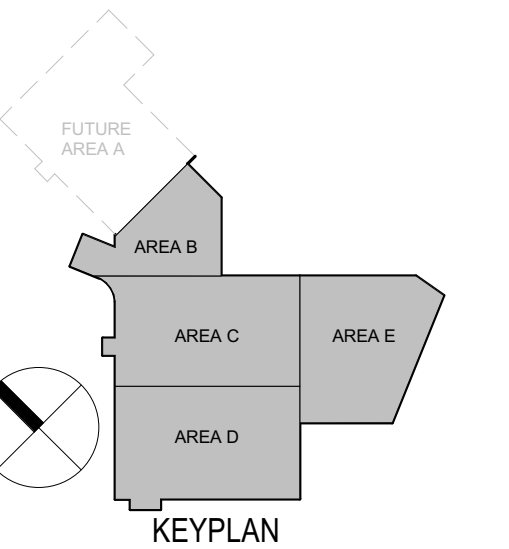
**MKSK**  
LANDSCAPE ARCHITECT

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462 SOUTH LUDLOW ALLEY  
COLUMBUS, OH 43215  
614.621.2796

**MOUNT CARMEL  
HEALTH  
SYSTEM**



**MOUNT CARMEL  
NORTHWEST HEALTH  
CAMPUS**  
4105 EMERALD PARKWAY  
DUBLIN, OH



NOT FOR  
CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

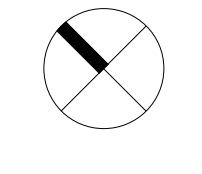
HGA NO: 1927-004-00

**LEVEL 03 -  
OVERALL PLAN**

DATE: SEPTEMBER 6, 2022

**FINAL DEVELOPMENT  
PLAN**

**A203.1**



**1 LEVEL 03 - OVERALL PLAN**  
3/64" = 1'-0"

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FINAL DEVELOPMENT PLAN

GENERAL NOTES - FLOOR PLAN

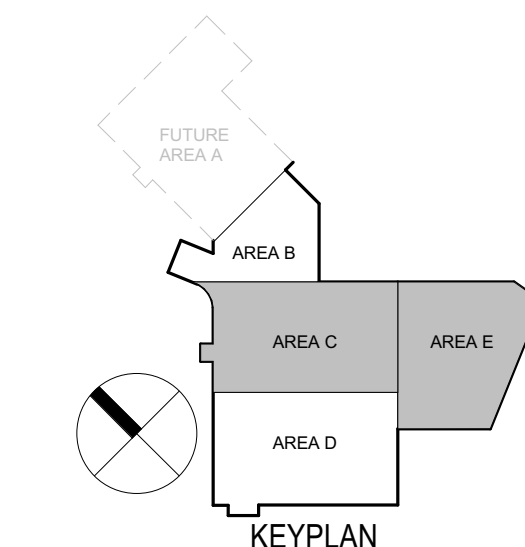
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**MOUNT CARMEL  
HEALTH  
SYSTEM**



MOUNT CARMEL

NORTHWEST HEALTH CAMPUS  
4105 EMERALD PARKWAY  
DUBLIN, OH



NOT FOR  
CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

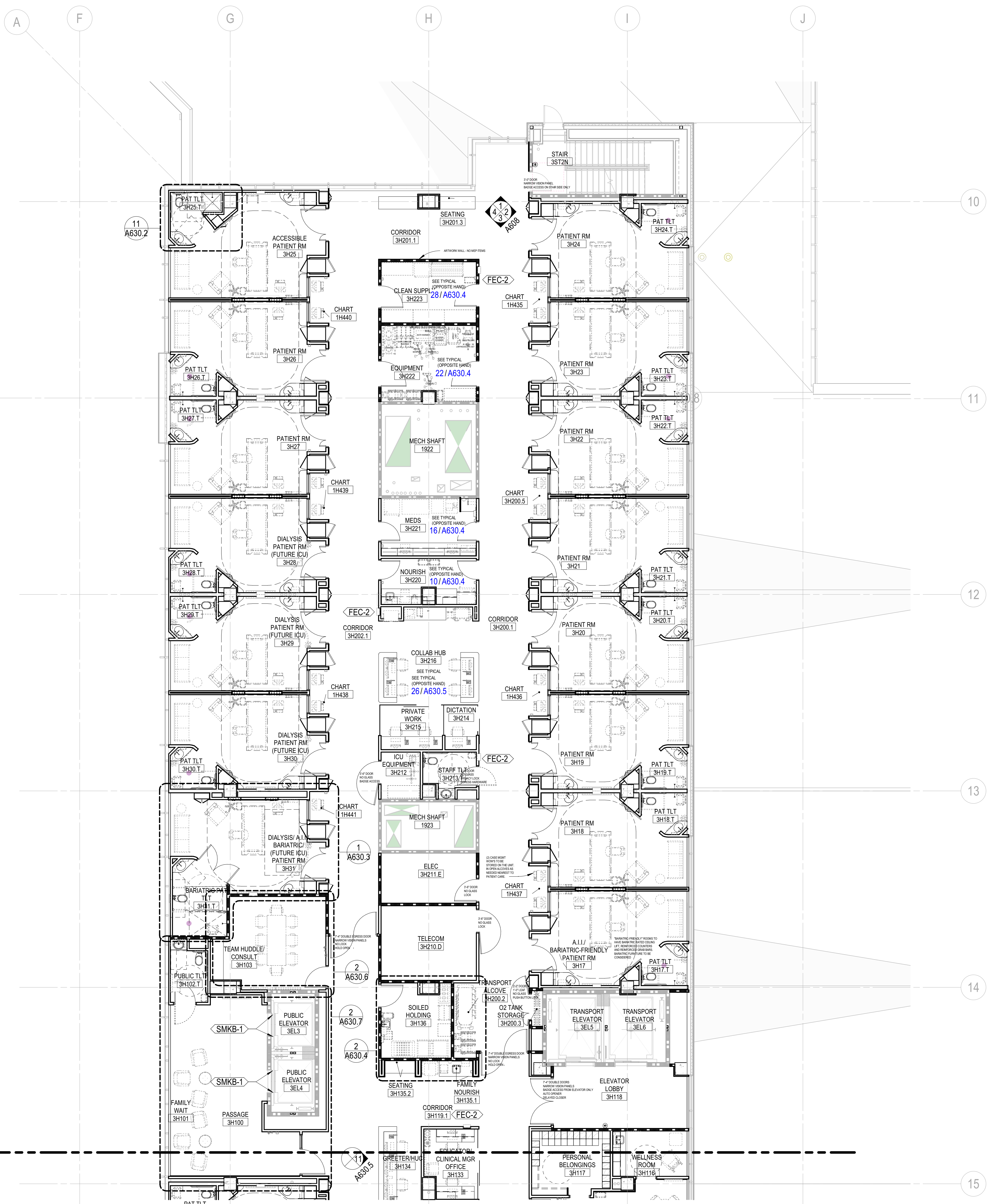
HGA NO: 1927-004-00

**LEVEL 03 AREA C  
- NOTATION  
PLAN**

DATE: SEPTEMBER 6, 2022

FINAL DEVELOPMENT  
PLAN

**A203C.3**



MATCHLINE, SEE: 1/A203D.3

1 NOTATION PLAN - LEVEL 03 - AREA C  
1/8" = 1'-0"

9/22/2022 8:36:17 AM B:\1927\Mount Carmel\1927-004-00-00 - Dublin Hospital\2024-Mount Carmel - Dublin - IN - 1927-004-00.rvt

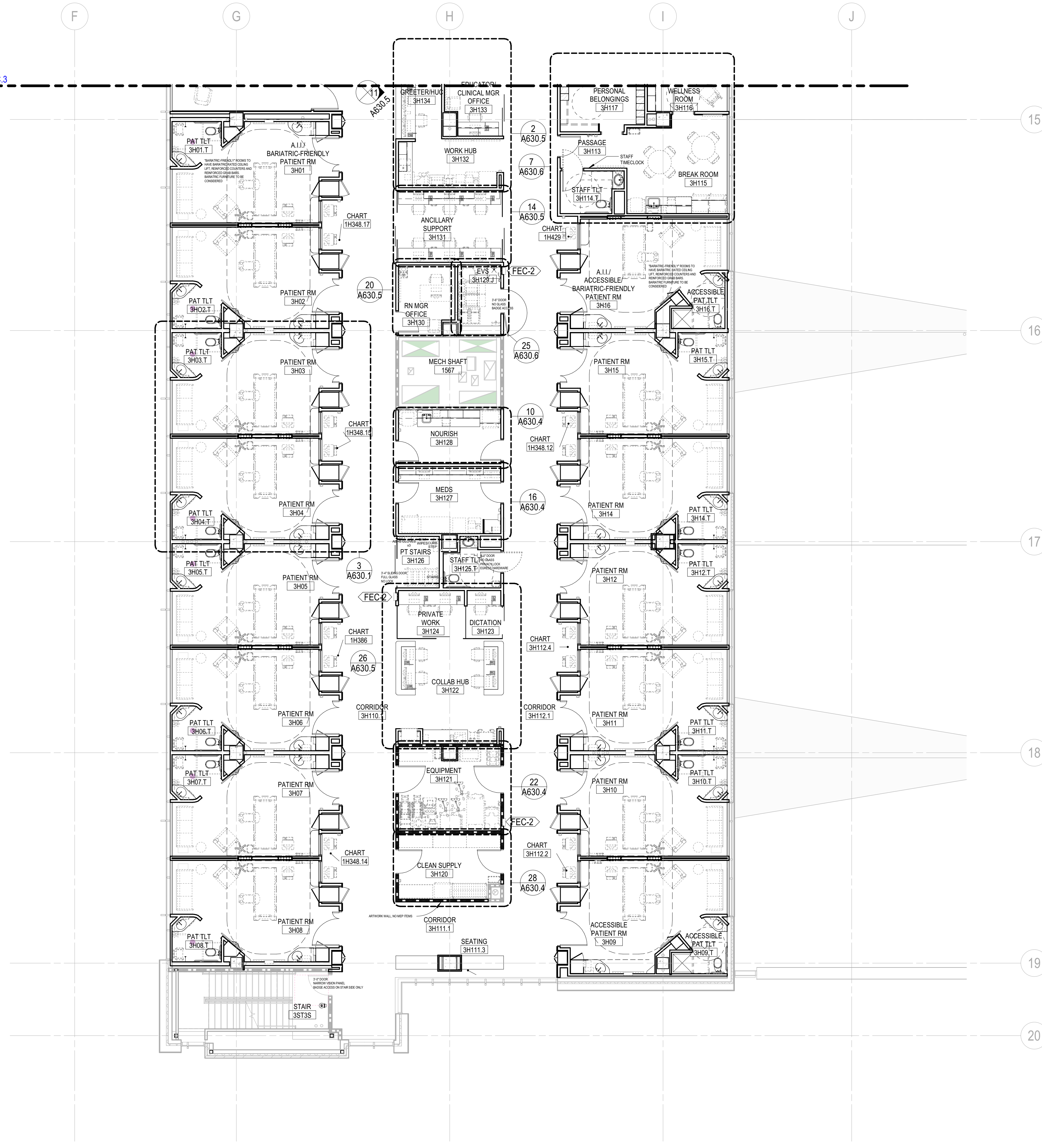
FINAL DEVELOPMENT PLAN

9/2/2022 9:30 AM BIM 350 Mount Carmel HS - Dublin Hospital/22-Mount Carmel Dublin, IN 1927-004-00.rvt

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MATCHLINE, SEE: 1/A203C.3



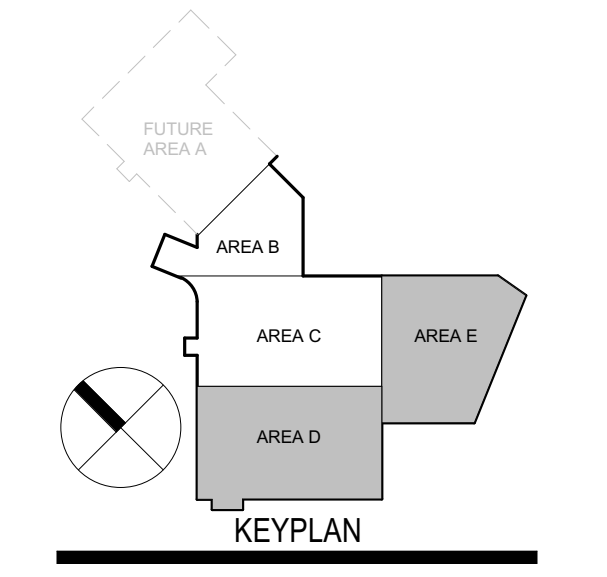
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#### MOUNT CARMEL HEALTH SYSTEM

**MOUNT CARMEL**  
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 DUBLIN, OH



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NO.	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET  
HGA NO. 1927-004-00

### LEVEL 03 AREA D - NOTATION PLAN

DATE: SEPTEMBER 6, 2022  
FINAL DEVELOPMENT PLAN

1 NOTATION PLAN - LEVEL 03 - AREA D  
1/8" = 1'-0"

### A203D.3

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FINAL DEVELOPMENT PLAN

9/2/2022 8:30:10 AM B:\350\Mount Carmel\18 - Dublin Hospital\221-Mount Carmel - Dublin - IN - 1927-004-00.rvt

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## MKSK

LANDSCAPE ARCHITECT

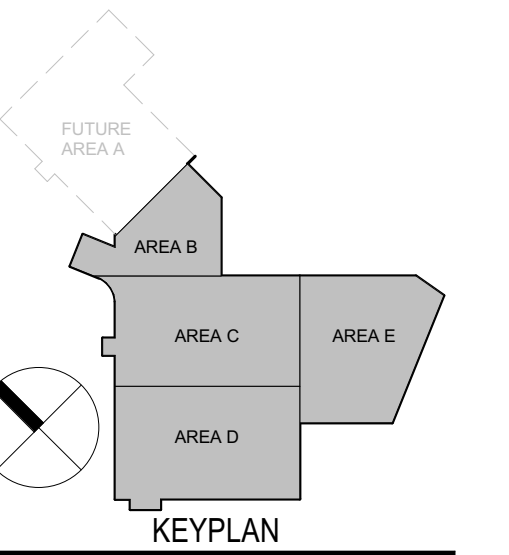
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**MOUNT CARMEL  
HEALTH  
SYSTEM**



**MOUNT CARMEL**

NORTHWEST HEALTH  
CAMPUS  
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DUBLIN, OH



KEYPLAN

**NOT FOR  
CONSTRUCTION**

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 1927-004-00

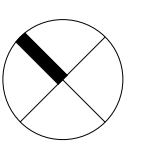
**LEVEL 04 -  
OVERALL PLAN**

DATE: SEPTEMBER 6, 2022

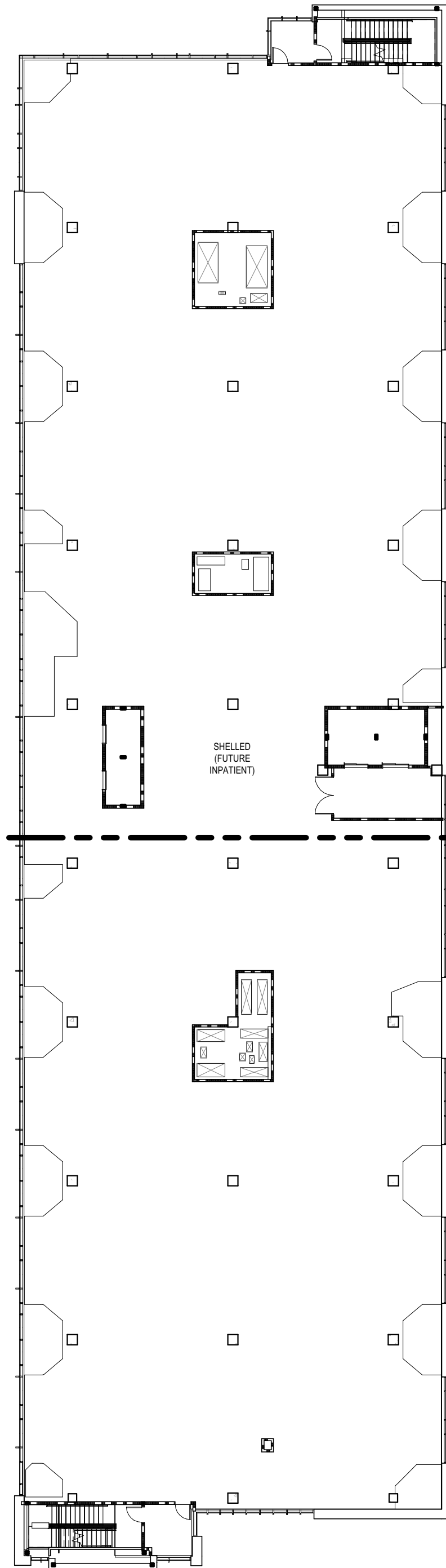
**FINAL DEVELOPMENT  
PLAN**

**A204.1**

FINAL DEVELOPMENT PLAN



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**1** LEVEL 04 - OVERALL PLAN  
3/64" = 1'-0"

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LANDSCAPE ARCHITECT

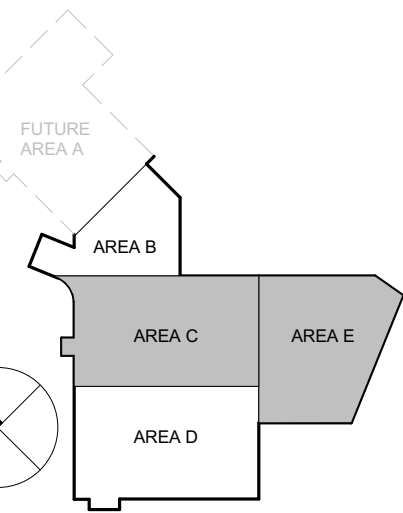
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**MOUNT CARMEL  
HEALTH  
SYSTEM**



**MOUNT CARMEL**

NORTHWEST HEALTH  
CAMPUS  
4105 EMERALD PARKWAY  
DUBLIN, OH



KEYPLAN

NOT FOR  
CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 1927-004-00

**LEVEL 04 AREA C  
- NOTATION  
PLAN**

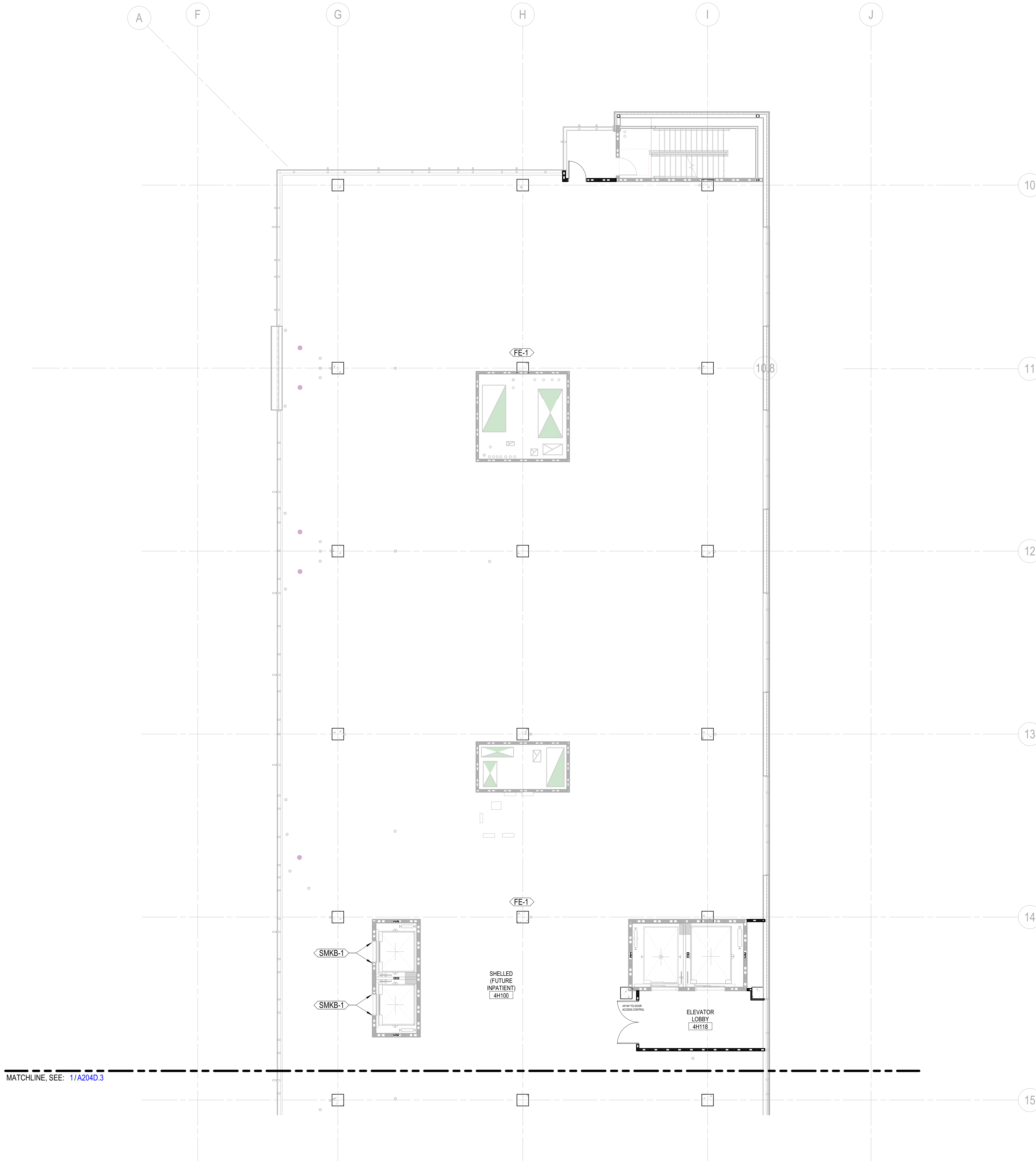
DATE: SEPTEMBER 6, 2022

**FINAL DEVELOPMENT  
PLAN**

**A204C.3**

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FINAL DEVELOPMENT PLAN

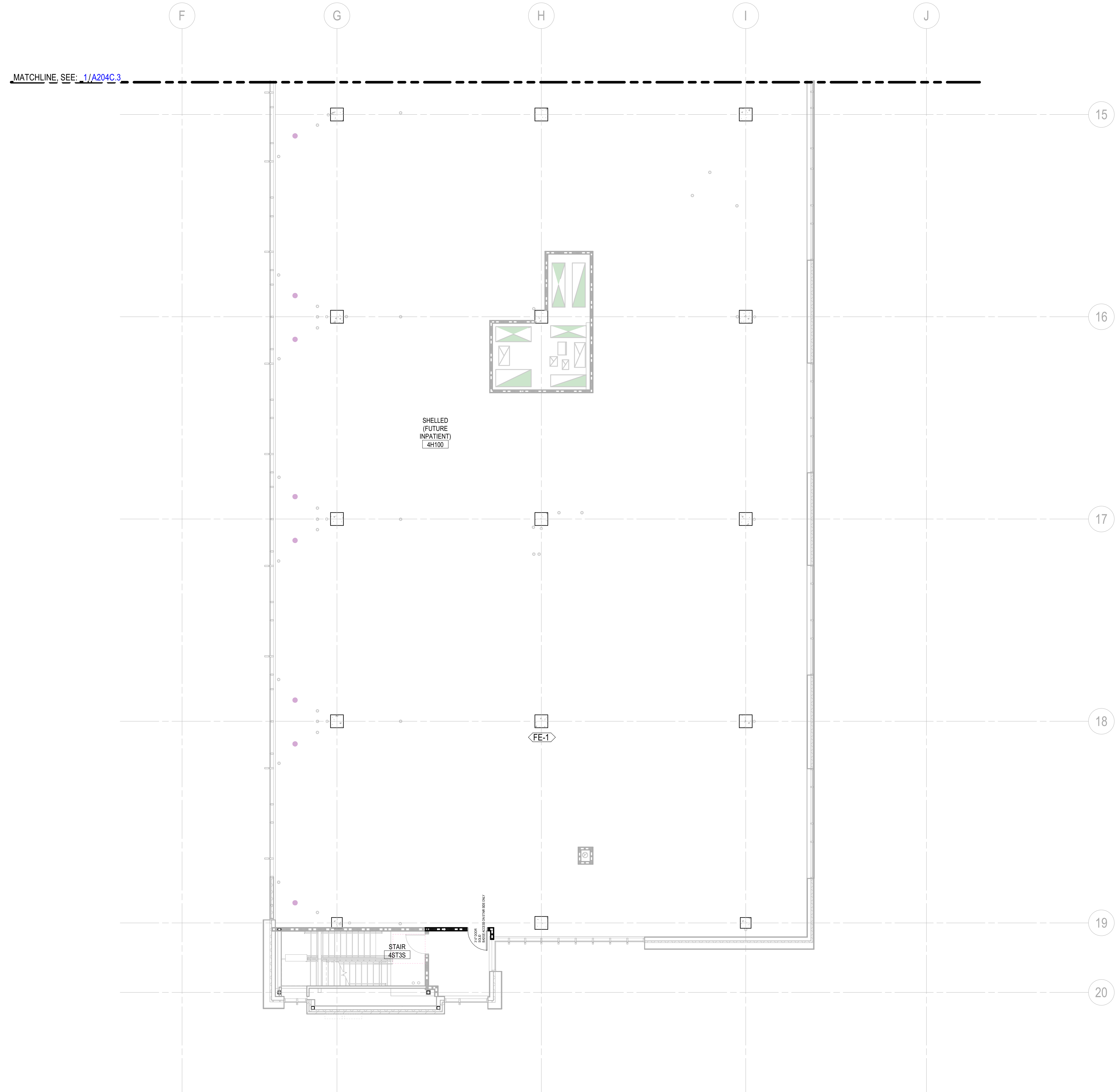


MATCHLINE, SEE: 1/A204D.3

1 NOTATION PLAN - LEVEL 04 - AREA C  
1/8" = 1'-0"

Author: 9/6/2022 8:34:46 AM B:\1927\Mount Carmel\1927-004\Level 04 - Dublin Hospital\2024\Mount Carmel - Dublin - IN - 1927-004-00.rvt

1 NOTATION PLAN - LEVEL 04 - AREA D  
1/8" = 1'-0"



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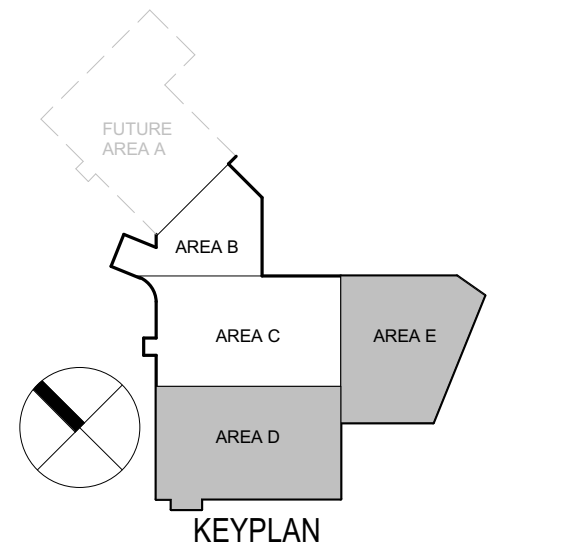
LANDSCAPE ARCHITECT

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614.621.2796

**MOUNT CARMEL  
HEALTH  
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NORTHWEST HEALTH  
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4105 EMERALD PARKWAY  
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**LEVEL 04 AREA D  
- NOTATION  
PLAN**

DATE: SEPTEMBER 6, 2022

**FINAL DEVELOPMENT  
PLAN**



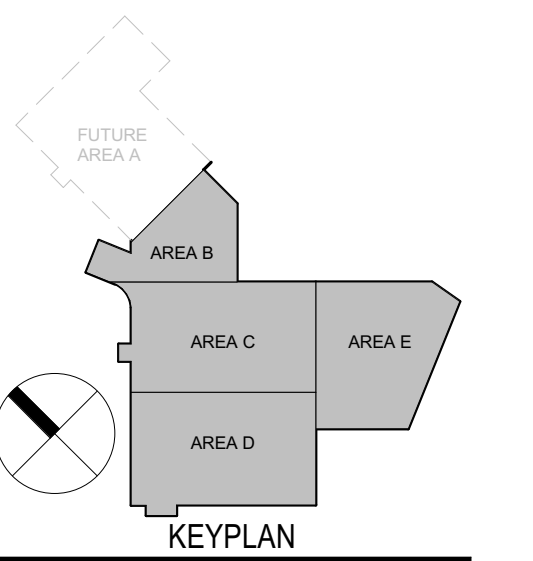
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FINAL DEVELOPMENT PLAN

**MOUNT CARMEL  
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NORTHWEST HEALTH  
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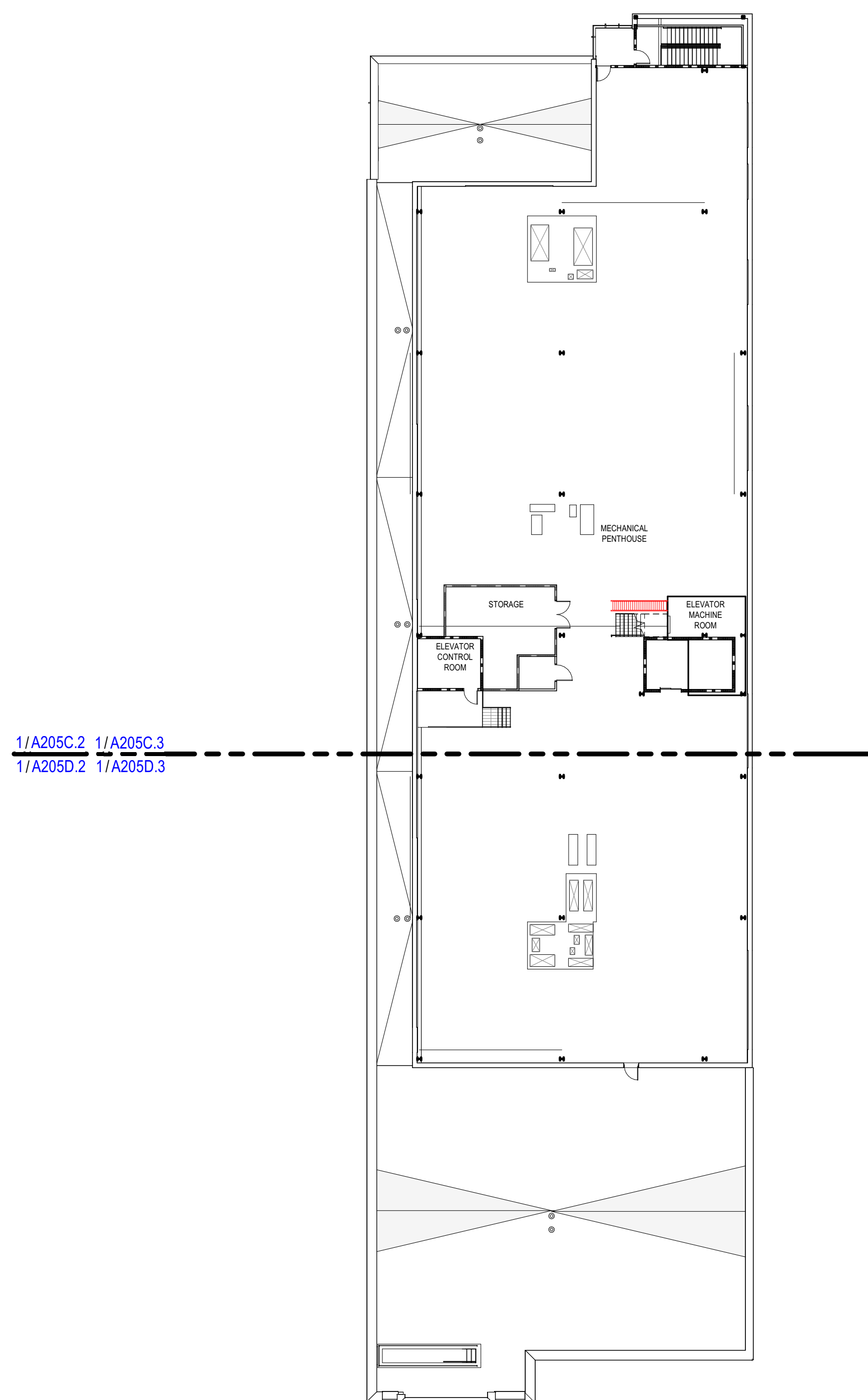
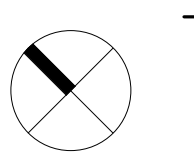
HGA NO. 1927-004-00

**LEVEL 05 -  
OVERALL PLAN**

DATE: SEPTEMBER 6, 2022

FINAL DEVELOPMENT  
PLAN

**A205.1**





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  - AT OPENINGS AND CUTOUTS, FILL OPEN SPACES BETWEEN GYPSUM BOARD AND FIXTURES, CABINETS, DUCTS AND OTHER FLUSH OR PENETRATING ITEMS, WITH CONTINUOUS BEAD OF SEALANT.
  - SEAL SIDES AND BACKS OF ELECTRICAL BOXES TO COMPLETELY CLOSE OFF OPENINGS AND JOINTS.

**HGA**  
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PLUMBING/STRUCTURAL/  
TECHNOLOGY ENGINEER

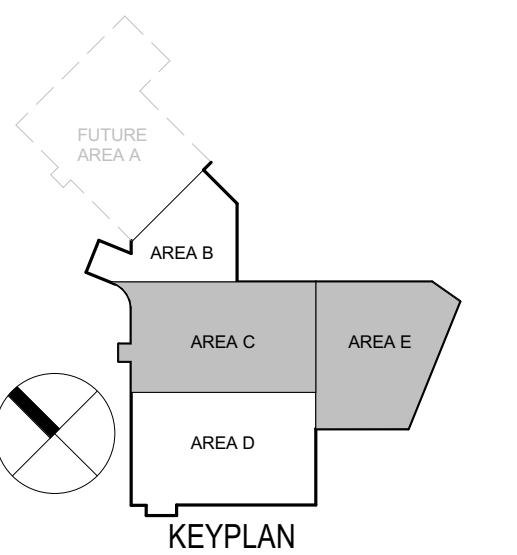
KORDA  
1650 WATERMARK DRIVE  
COLUMBUS, OH 43215  
614.487.1650

**MKSK**  
LANDSCAPE ARCHITECT

MKSK  
462 SOUTH LUDLOW ALLEY  
COLUMBUS, OH 43215  
614.621.2796

**MOUNT CARMEL  
HEALTH  
SYSTEM**

  
MOUNT CARMEL  
NORTHWEST HEALTH  
CAMPUS  
4105 EMERALD PARKWAY  
DUBLIN, OH



**NOT FOR  
CONSTRUCTION**

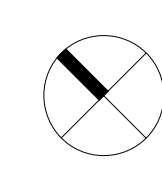
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ISSUANCE HISTORY - THIS SHEET  
HGA NO: 1927-004-00

**LEVEL 05 AREA C  
- NOTATION  
PLAN**

DATE: SEPTEMBER 6, 2022

**FINAL DEVELOPMENT  
PLAN**

 **A205C.3**



MATCHLINE, SEE: 1/A205D.3

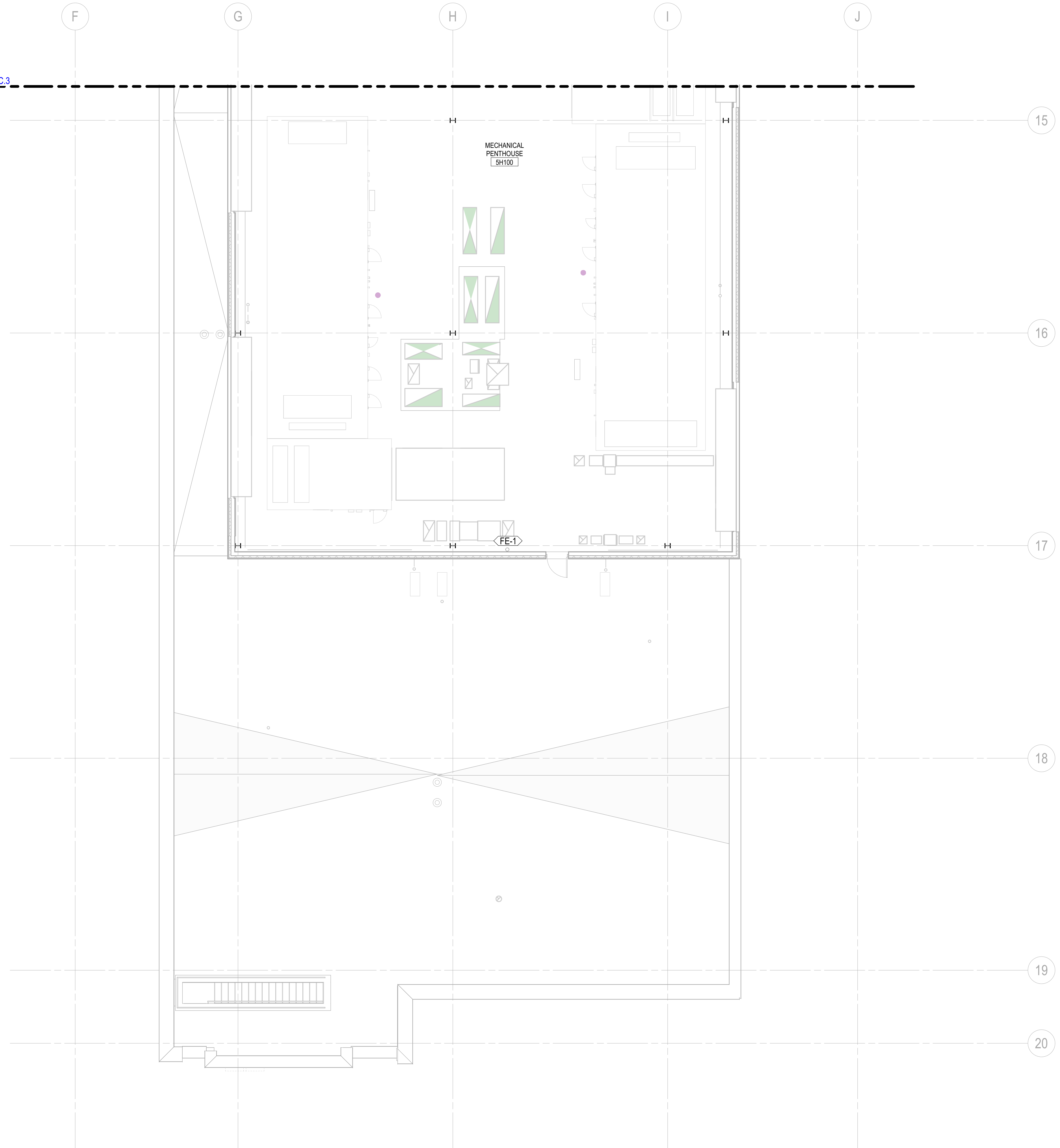
**1** NOTATION PLAN - LEVEL 05 - AREA C  
1/8" = 1'-0"

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FINAL DEVELOPMENT PLAN

Author: 9/6/2022 8:32:22 AM B:\1\350\Mount Carmel\105 - Dublin Hospital\24-Mount Carmel - Dublin, IN - 1927-004-00.rvt

MATCHLINE SEE: 1/A205C.3



**GENERAL NOTES - FLOOR PLAN**

- A. ALL INTERIOR PARTITIONS SHALL BE "A3." UNLESS NOTED OTHERWISE.
- B. PLAN DIMENSIONS ARE FROM FACE OF PARTITION TYPE AND DO NOT INCLUDE APPLIED FINISHES, UNLESS NOTED OTHERWISE. PLAN DIMENSIONS INDICATED AS "HOLD" OR "CLEAR" DIMENSIONS ARE FROM FACE OF APPLIED FINISH.
- C. INSTALL WORK STRAIGHT, PLUMB, LEVEL, SQUARE, AND TRUE, IN PROPER ALIGNMENT.
- D. FLATNESS: LEVEL FLOORS TO TRUE PLANE WITHIN 1/4 INCH (6 MM) IN 10'-0" (3 M) WHEN TESTED BY TEN FOOT (3 M) STRAIGHTEDGE PLACED ANYWHERE ON FLOOR IN ANY DIRECTION.
- E. COORDINATE FURNITURE-RELATED ELECTRICAL LAYOUT WITH FURNITURE VENDOR.
- F. WHERE HANDRAILS, GRAB BARS, CABINETS, WALL-MOUNTED DOOR STOPS, OR OTHER WALL-HUNG ITEMS ARE ATTACHED TO PARTITIONS, INSTALL BACKER PLATES (OR WOOD BLOCKING) ACCURATELY POSITIONED AND FIRMLY SECURED TO METAL STUDS, WHETHER OR NOT SUCH BACKER PLATES OR BLOCKING ARE INDICATED ON DRAWINGS.
- G. PRIOR TO CONCEALMENT OF FIRE RESISTIVE MATERIALS BY OTHER WORK, PATCH AND REPAIR AREAS OF REMOVED OR DAMAGED APPLIED FIREPROOFING. COORDINATE TESTING AND INSPECTION OF ASSEMBLIES AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- H. PROVIDE FIRESTOPPING OF PENETRATIONS AND VOIDS THROUGH FIRE-RATED WALL, FLOOR AND PARTITION ASSEMBLIES (AND ROOF) INCLUDING EMPTY OPENINGS AND OPENINGS CONTAINING CABLES, PIPES, DUCTS, CONDUIT AND OTHER ELEMENTS.
- I. AT SOUND-RATED PARTITION WALLS, PROVIDE CONTINUOUS BEAD OF ACOUSTICAL SEALANT AT JUNCTURE OF BOTH FACES OF RUNNERS OR PLATES WITH FLOOR AND CEILING CONSTRUCTION, AND WHEREVER GYPSUM BOARD ABUTS DISSIMILAR MATERIALS.
  - AT OPENINGS AND CUTOUTS, FILL OPEN SPACES BETWEEN GYPSUM BOARD AND FIXTURES, CABINETS, DUCTS AND OTHER FLUSH OR PENETRATING ITEMS, WITH CONTINUOUS BEAD OF SEALANT.
  - SEAL SIDES AND BACKS OF ELECTRICAL BOXES TO COMPLETELY CLOSE OFF OPENINGS AND JOINTS.

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**KORDA**

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TECHNOLOGY ENGINEER

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614.487.1650

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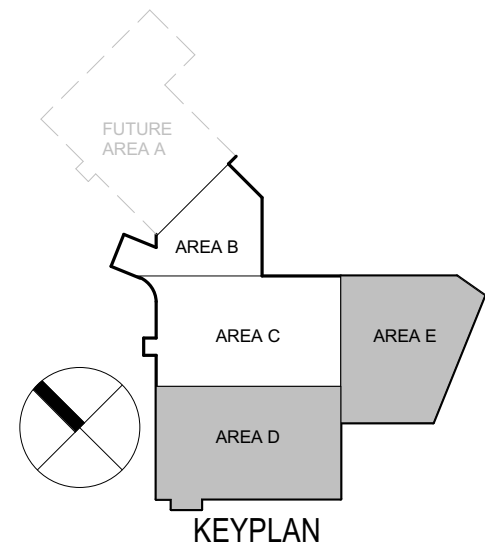
LANDSCAPE ARCHITECT

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462 SOUTH LUDLOW ALLEY  
COLUMBUS, OH 43215  
614.621.2796

**MOUNT CARMEL  
HEALTH  
SYSTEM**



NORTHWEST HEALTH  
CAMPUS  
4105 EMERALD PARKWAY  
DUBLIN, OH



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CONSTRUCTION**

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 1927-004-00

**LEVEL 05 AREA D  
- NOTATION  
PLAN**

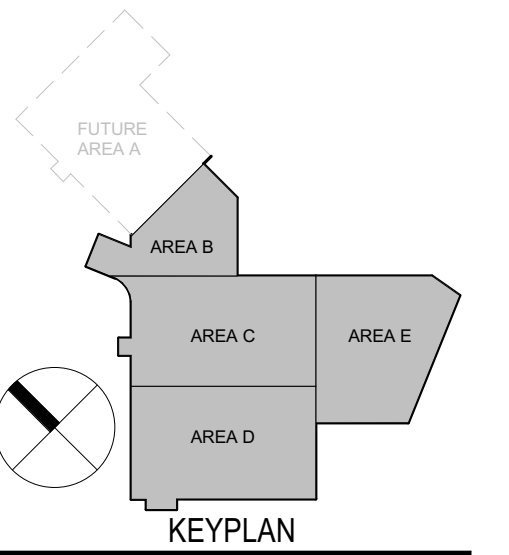
DATE: SEPTEMBER 6, 2022

**FINAL DEVELOPMENT  
PLAN**

**A205D.3**

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**FINAL DEVELOPMENT PLAN**



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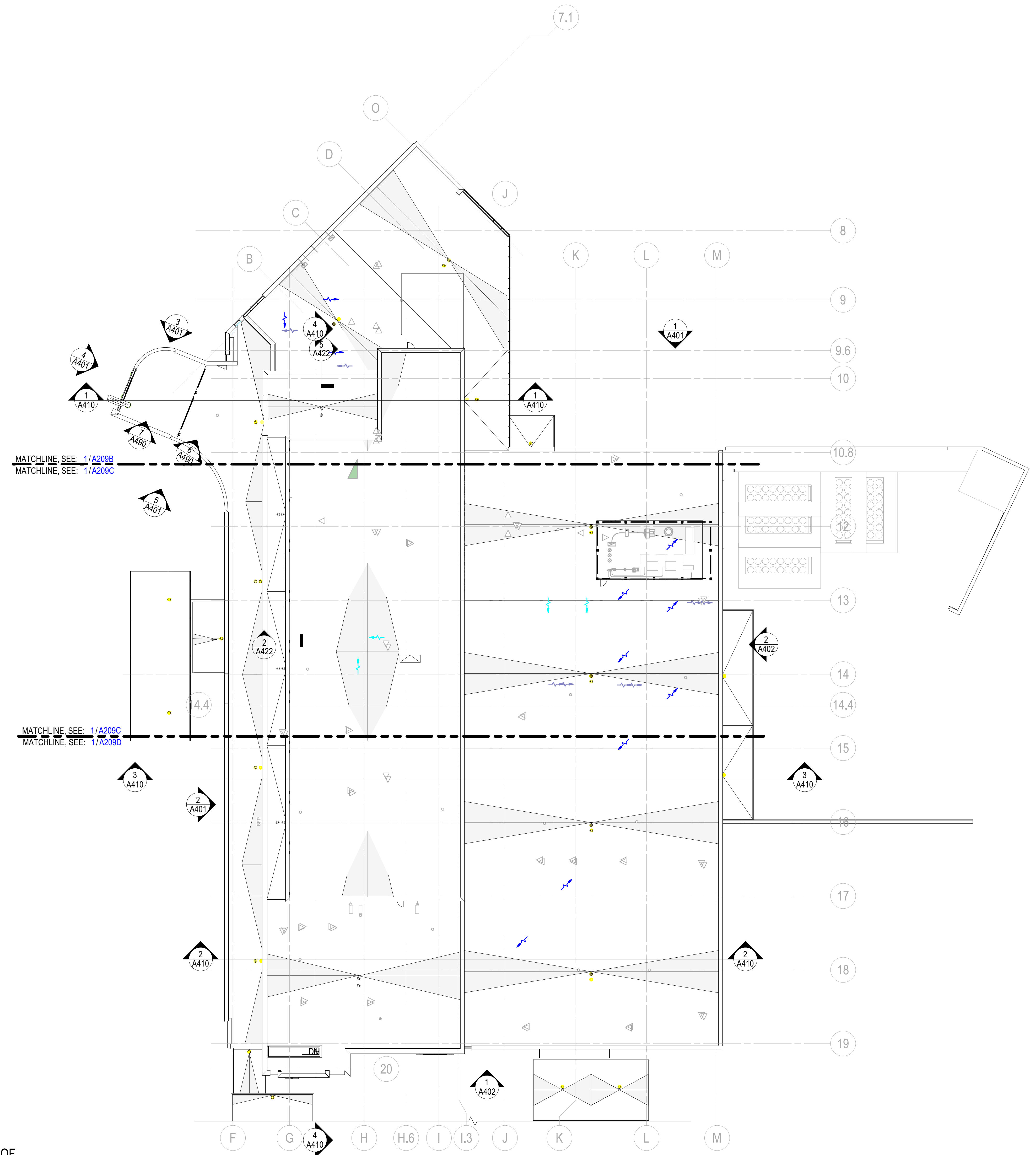
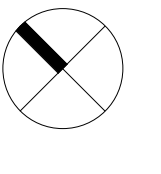
ISSUANCE HISTORY - THIS SHEET  
 HGA NO: 1927-004-00

**OVERALL ROOF  
 PLAN**

DATE: SEPTEMBER 6, 2022  
 FINAL DEVELOPMENT  
 PLAN

**A209**

FINAL DEVELOPMENT PLAN



**1 OVERALL FLOOR PLAN - ROOF**  
 3/8" = 1'-0"

**GENERAL NOTES - ROOF PLAN**

- A. UNIFORMLY SLOPE TAPERED INSULATION MINIMUM 1/4" IN HEIGHT PER 1'-0" HORIZONTALLY (OR AS REQUIRED BY CODE) AT LEVEL ROOF AREAS, UNLESS OTHERWISE NOTED.
- B. MINIMUM ROOF INSULATION THICKNESS AT ROOF DRAINS (LOW POINT) = 5" SLOPE CRICKET INSULATION TO DRAIN AROUND PENETRATIONS (VENTS, STACK, ETC) AND AT VALLEYS BETWEEN ROOF DRAINS.
- C. UNLESS THERE ARE SCUPPERS PROVIDE SECONDARY ROOF DRAINS 2' ABOVE PRIMARY ROOF DRAIN.

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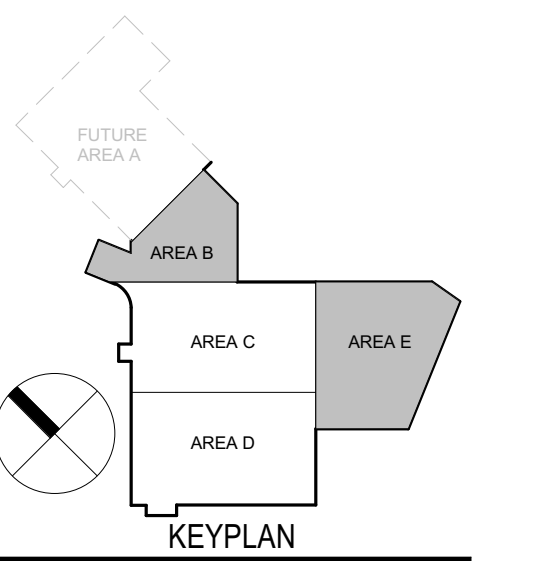
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COLUMBUS, OH 43215  
614.487.1650

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LANDSCAPE ARCHITECT

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**MOUNT CARMEL  
HEALTH  
SYSTEM**

**MOUNT CARMEL**  
NORTHWEST HEALTH  
CAMPUS  
4105 EMERALD PARKWAY  
DUBLIN, OH



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CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

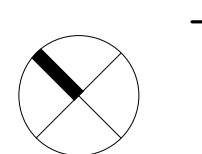
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**ROOF PLAN -  
AREA B**

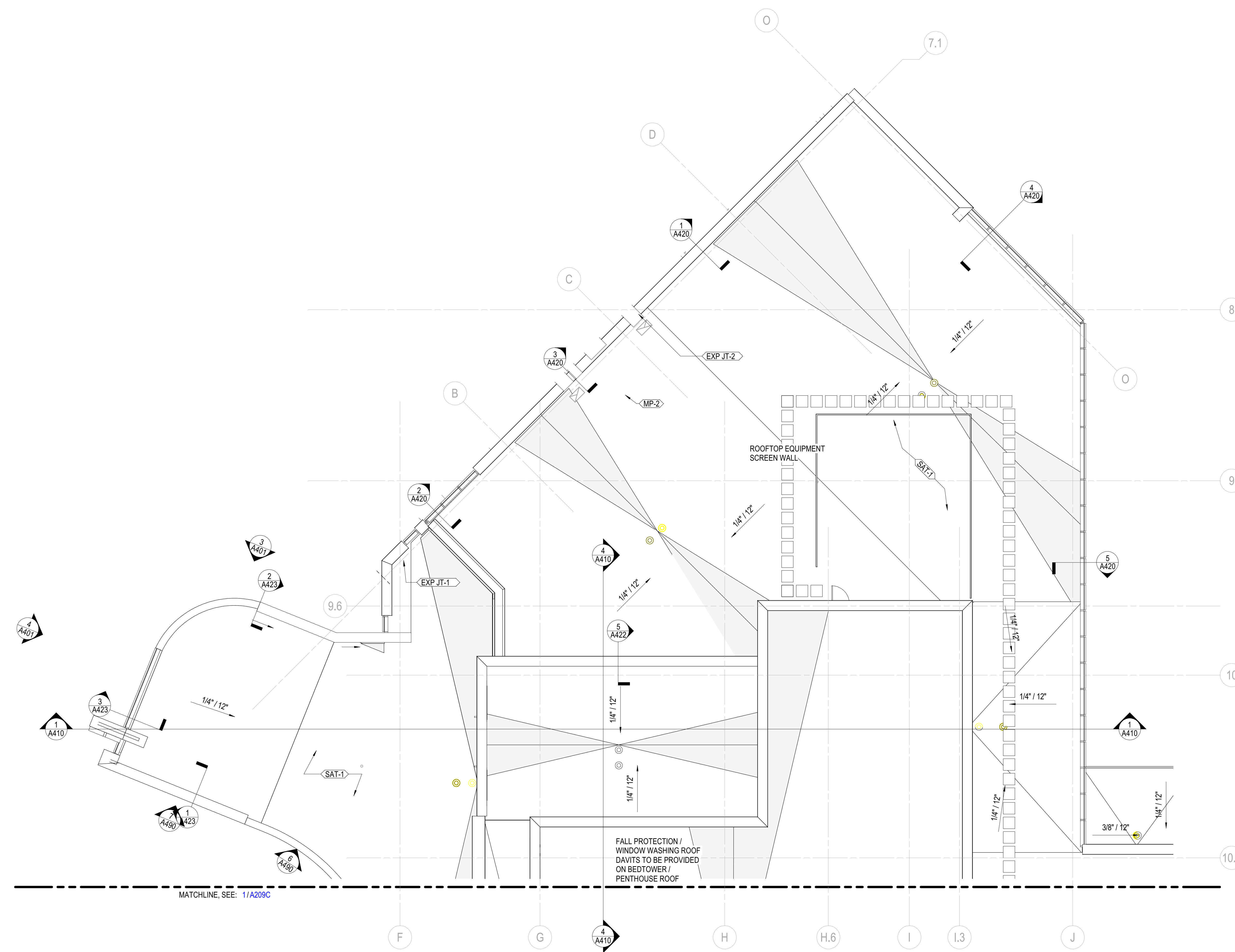
DATE: SEPTEMBER 6, 2022

FINAL DEVELOPMENT  
PLAN

**A209B**



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1 FLOOR PLAN - ROOF - AREA B  
1/8" = 1'-0"

Author: 09/20/2022 12:52:12 PM  
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 1927-004-00 - 02/22/2022 - 10:25:12 AM  
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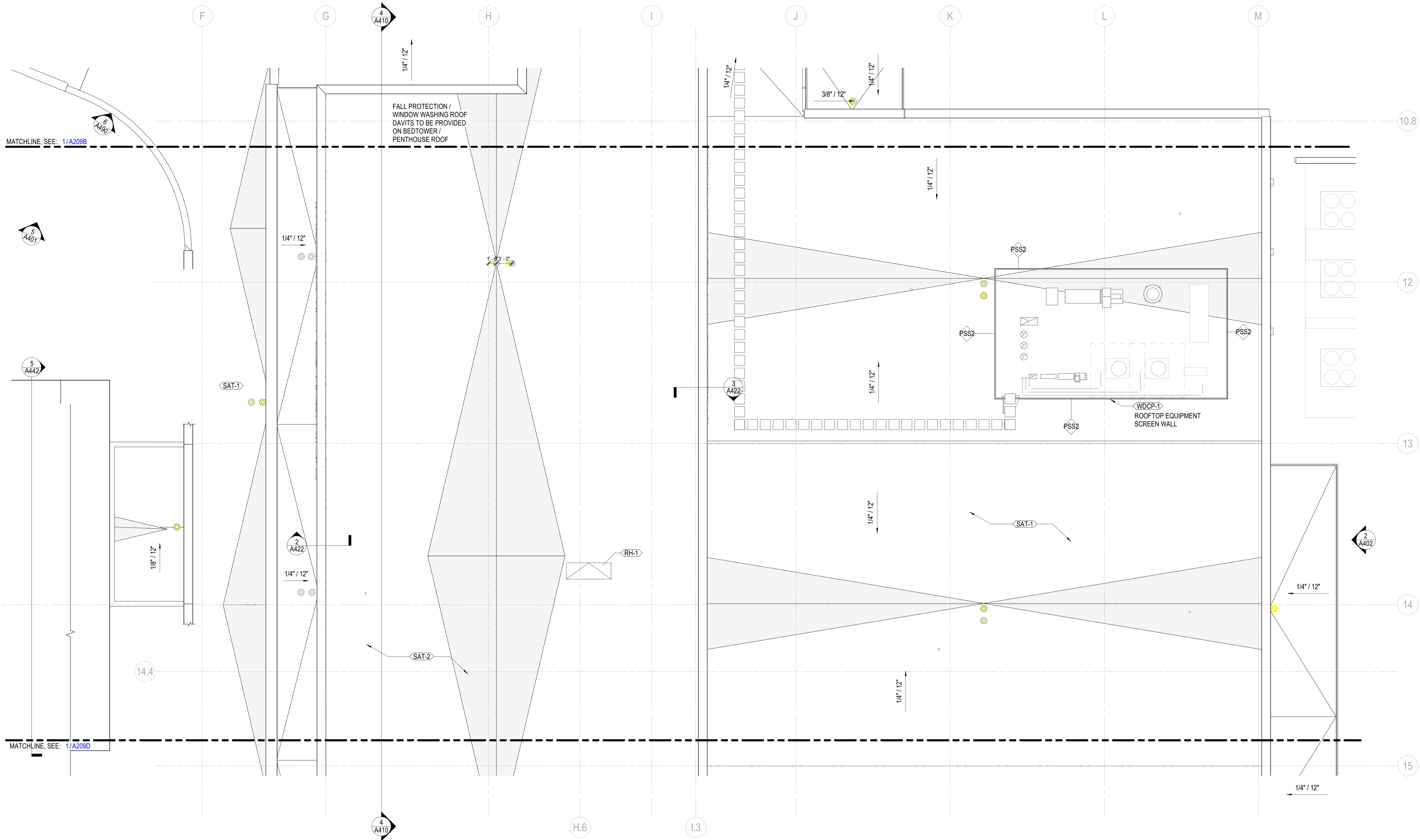
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**ROOF PLAN -  
AREA C**

DATE: SEPTEMBER 6, 2022

FINAL DEVELOPMENT  
PLAN

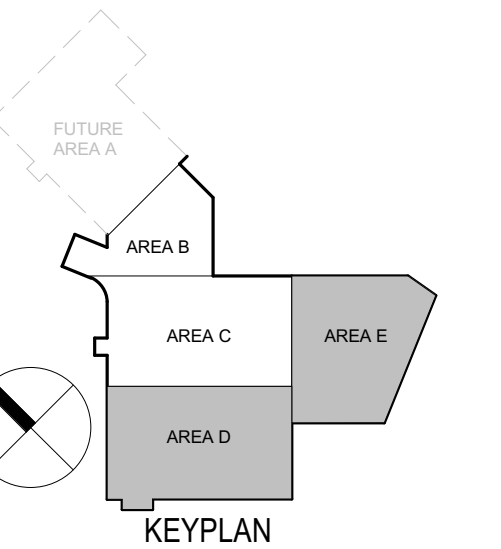
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1 FLOOR PLAN - ROOF - AREA C  
1/8" = 1'-0"

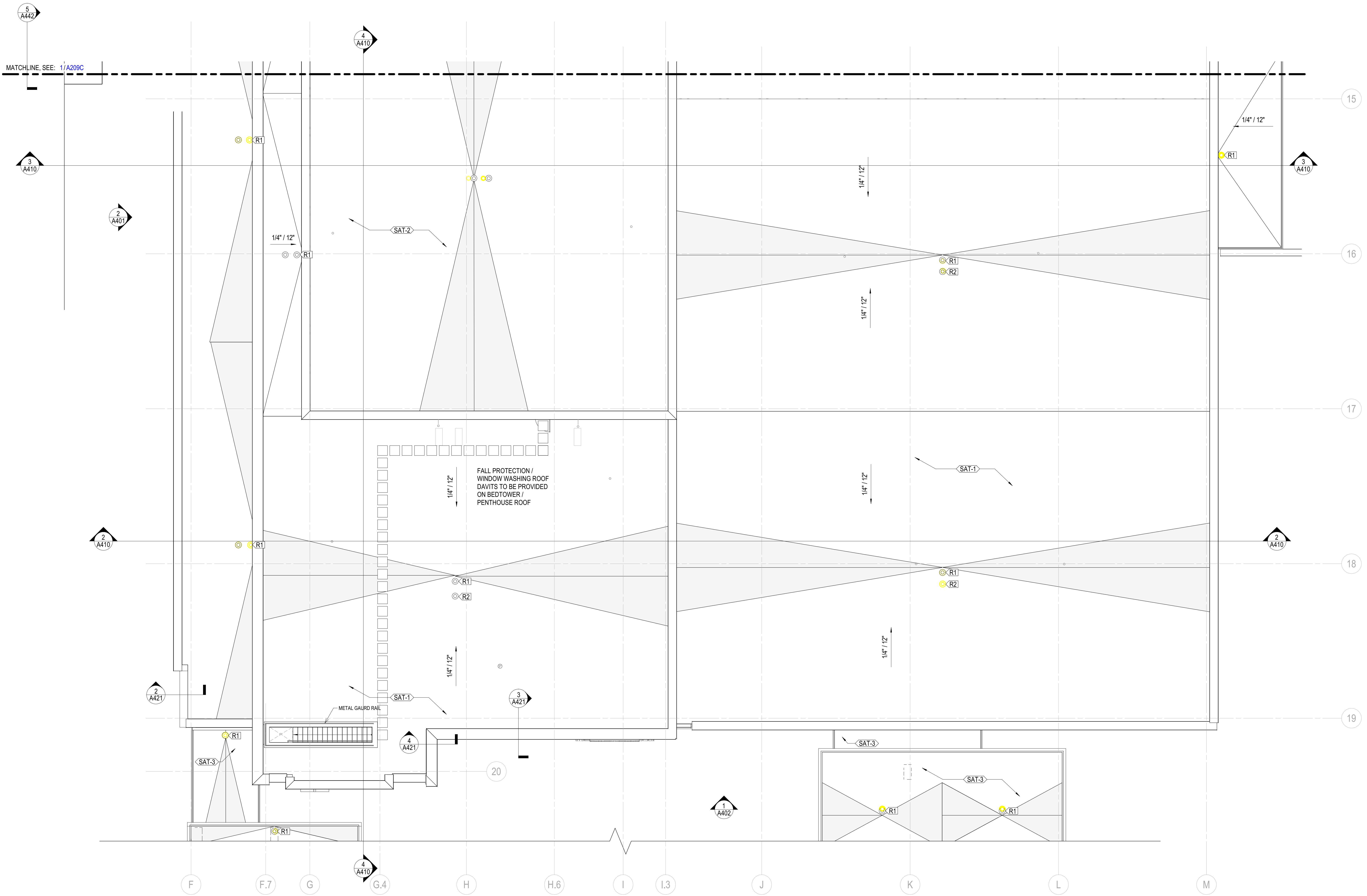
**GENERAL NOTES - ROOF PLAN**

- A. UNIFORMLY SLOPE TAPERED INSULATION MINIMUM 1/4" IN HEIGHT PER 1'-0" HORIZONTALLY (OR AS REQUIRED BY CODE) AT LEVEL ROOF AREAS, UNLESS OTHERWISE NOTED.
- B. MINIMUM ROOF INSULATION THICKNESS AT ROOF DRAINS (LOW POINT) = 5" SLOPE CRICKET INSULATION TO DRAIN AROUND PENETRATIONS (VENTS, STACK, ETC) AND AT VALLEYS BETWEEN ROOF DRAINS.
- C. UNLESS THERE ARE SCUPPERS PROVIDE SECONDARY ROOF DRAINS 2" ABOVE PRIMARY ROOF DRAIN.



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CONSTRUCTION**

NO	DESCRIPTION	DATE



**1 FLOOR PLAN - ROOF - AREA D**  
1/8" = 1'-0"

**GENERAL NOTES - ROOF PLAN**

- A. UNIFORMLY SLOPE TAPERED INSULATION MINIMUM 1/4" IN HEIGHT PER 1'-0" HORIZONTALLY (OR AS REQUIRED BY CODE) AT LEVEL ROOF AREAS, UNLESS OTHERWISE NOTED.
- B. MINIMUM ROOF INSULATION THICKNESS AT ROOF DRAINS (LOW POINT) = 5" SLOPE CRICKET INSULATION TO DRAIN AROUND PENETRATIONS (VENTS, STACK, ETC) AND AT VALLEYS BETWEEN ROOF DRAINS.
- C. UNLESS THERE ARE SCUPPERS PROVIDE SECONDARY ROOF DRAINS 2" ABOVE PRIMARY ROOF DRAIN.

**KEYNOTES - ROOF PLAN**

Key Value	Keynote Text
R1	ROOF DRAIN - REFER TO DETAIL XXXX
R2	OVERFLOW ROOF DRAIN - REFER TO DETAIL XXXX

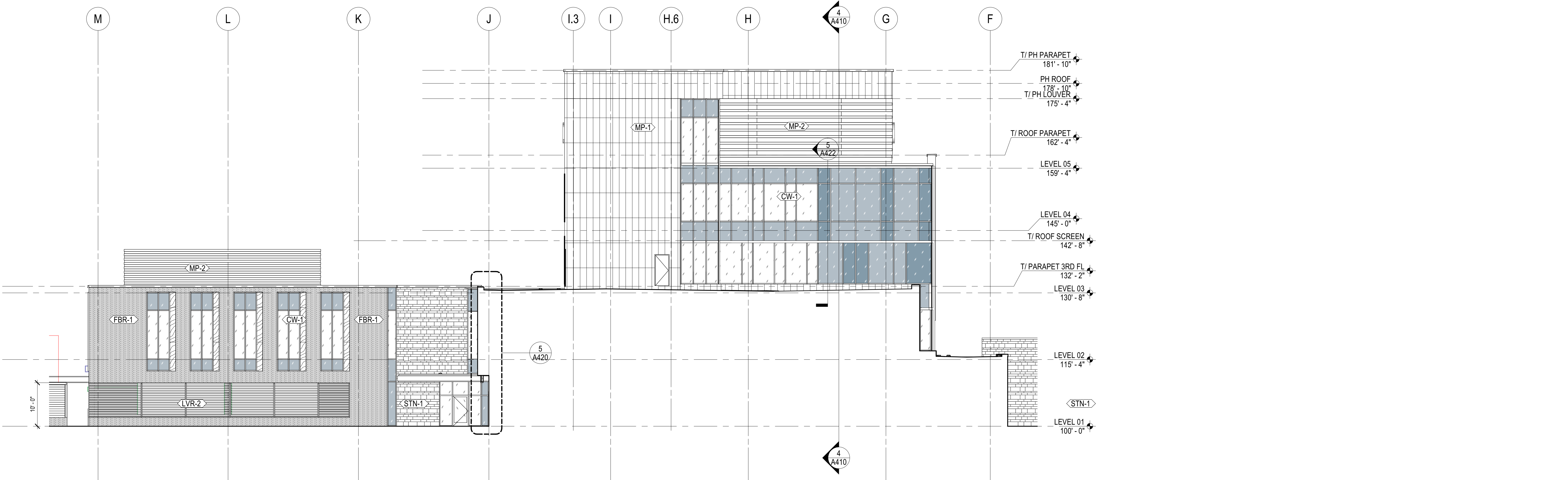
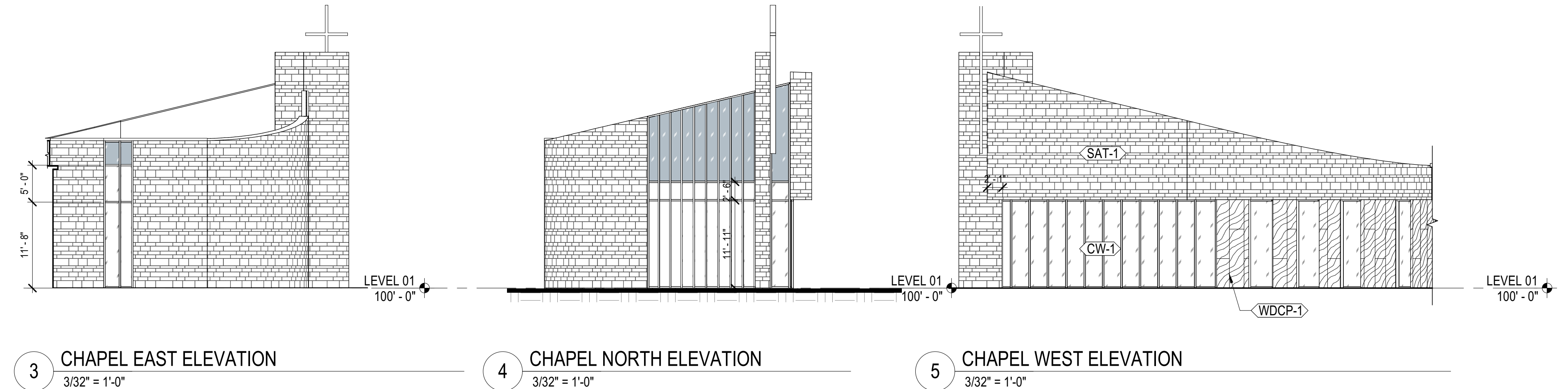
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	SPANDREL GLASS - TO BE <GL-41a> / <GL-41b> UNLESS NOTED OTHERWISE
	SPANDREL GLASS - TO BE <GL-41c> / <GL-41d> UNLESS NOTED OTHERWISE
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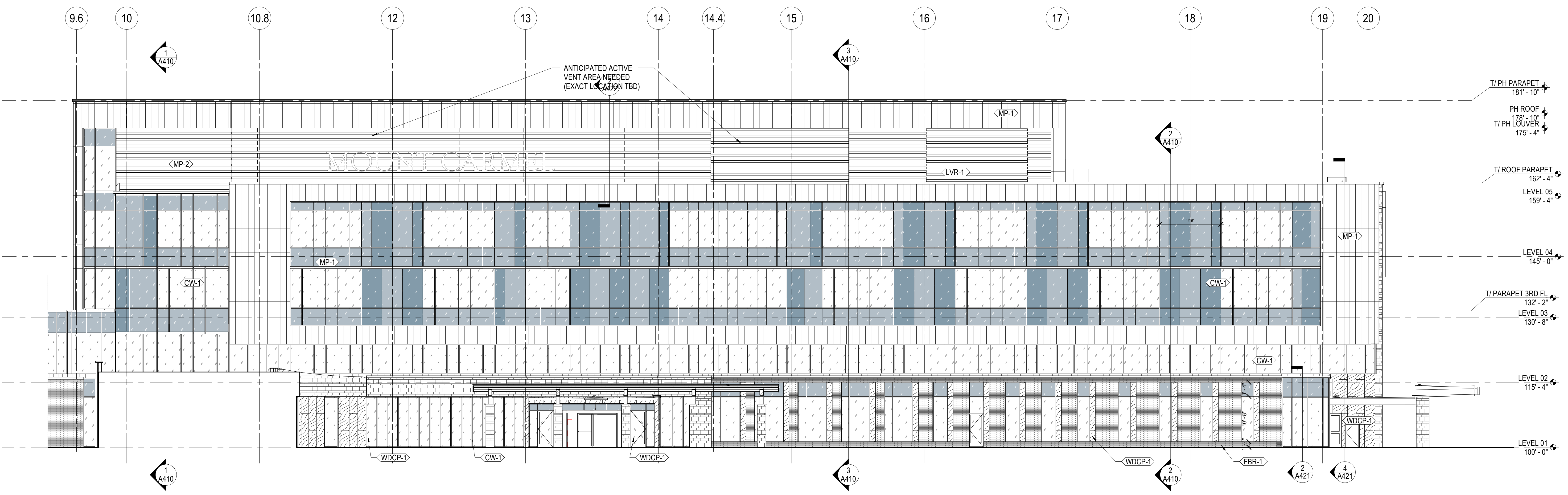
NOTES:  
 \*ALL CURTAIN PANEL (CP) GLAZING TYPES ARE INDICATED ON SHEET A490  
 \*GLAZING CONTRACTOR TO PROVIDE TEMPERED / SAFETY GLAZING AS REQUIRED BY CODE

GLASS TYPES

MATERIAL LEGEND	
	UNITIZED CURTAIN WALL SYSTEM CONSISTING OF VARYING DEPTH HORIZONTAL AND VERTICAL MEMBERS
	FACE BRICK VENEER (NORMAN - 1/3 RUNNING BOND)
	FACE BRICK VENEER - PROJECTING ACCENT PATTERN
	FORMED METAL PANEL RAINSCREEN SYSTEM
	PROFILED HORIZONTAL METAL PANEL RAINSCREEN
	FULL DEPTH STONE VENEER
	WOOD-VENEER-FACED COMPOSITE PANELS



1 OVERALL - NORTH ELEVATION  
 3/32" = 1'-0"



2 OVERALL - WEST ELEVATION  
 3/32" = 1'-0"

HGA

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 Milwaukee, Wisconsin 53202  
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 462 SOUTH LUDLOW ALLEY  
 COLUMBUS, OH 43215  
 614.621.2796

MOUNT CARMEL  
 HEALTH  
 SYSTEM



NORTHWEST HEALTH  
 CAMPUS  
 4105 EMERALD PARKWAY  
 DUBLIN, OH

NOT FOR  
 CONSTRUCTION

NO	DESCRIPTION	DATE

HGA NO: 1927-004-00

OVERALL  
 EXTERIOR  
 ELEVATIONS  
 FINAL DEVELOPMENT PLAN

DATE: SEPTEMBER 6, 2022  
 FINAL DEVELOPMENT PLAN

A401

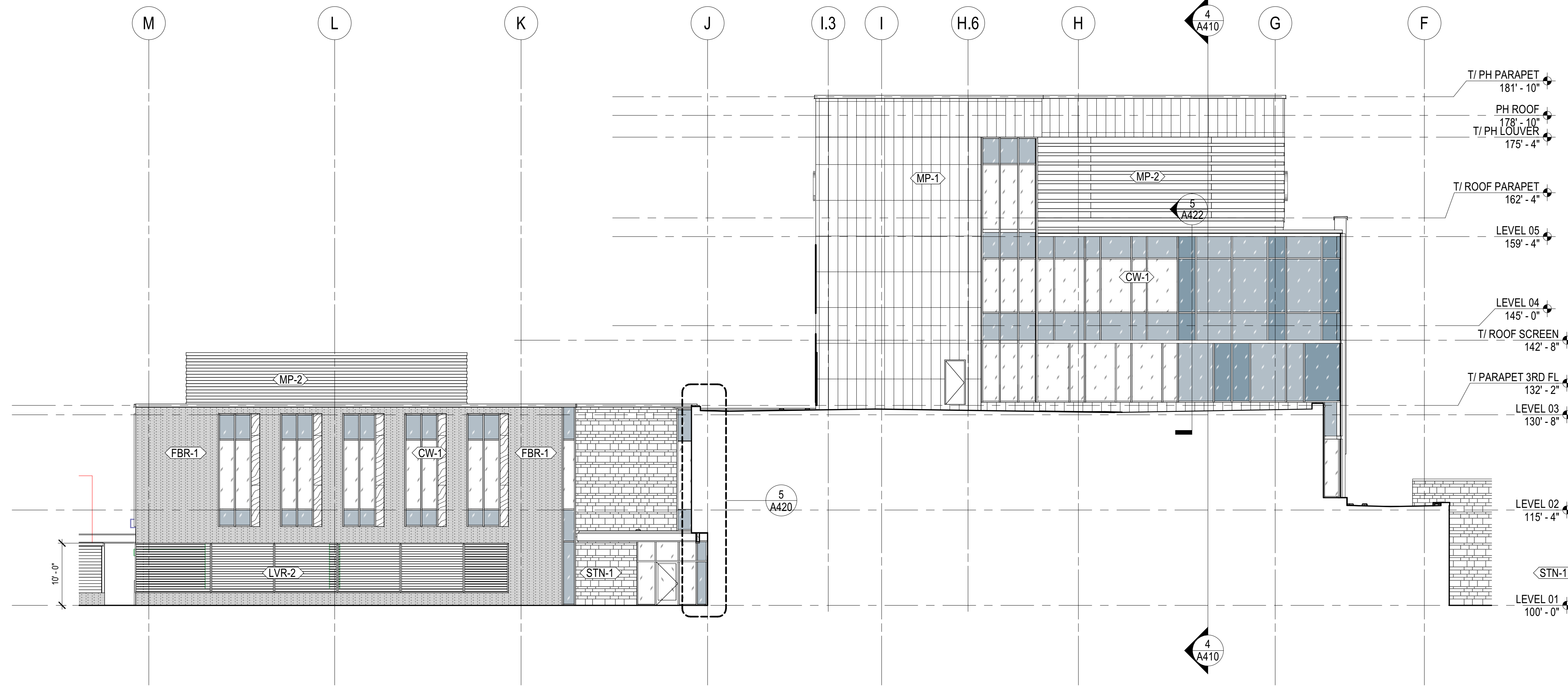
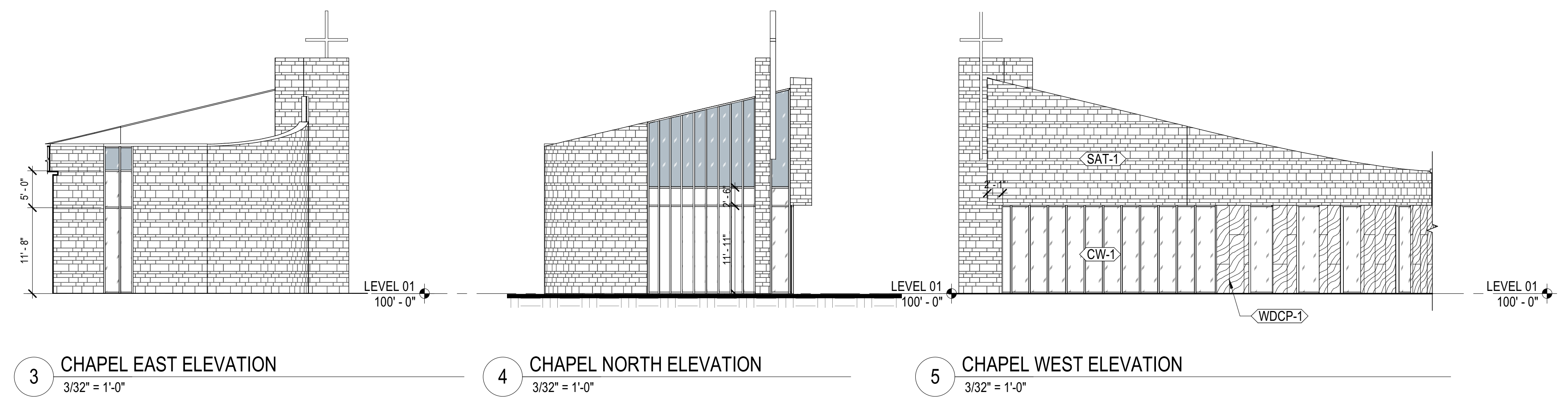
FINAL DEVELOPMENT PLAN

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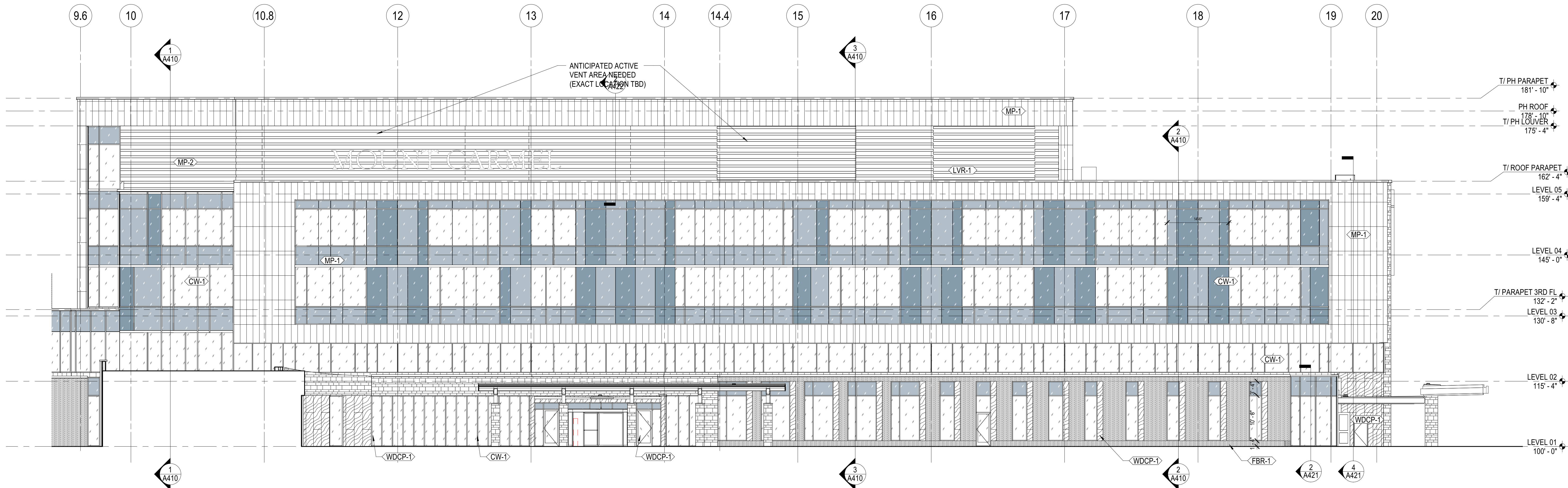
- VISION GLASS - TO BE <GL-21B> / <GL-21T> UNLESS NOTED OTHERWISE
  - SPANDREL GLASS - TO BE <GL-41B> / <GL-41T> UNLESS NOTED OTHERWISE
  - SPANDREL GLASS - TO BE <GL-41B> / <GL-41T> UNLESS NOTED OTHERWISE
  - SPANDREL GLASS - TO BE <GL-41C> / <GL-41T> UNLESS NOTED OTHERWISE
- NOTES:  
 - ALL CURTAIN PANEL (CP) GLAZING TYPES ARE INDICATED ON SHEET A490  
 - GLAZING CONTRACTOR TO PROVIDE TEMPERED / SAFETY GLAZING AS REQUIRED BY CODE

**GLASS TYPES**

MATERIAL LEGEND	
<CW-1>	UNITIZED CURTAIN WALL SYSTEM CONSISTING OF VARYING DEPTH HORIZONTAL AND VERTICAL MEMBERS
<FBR-1>	FACE BRICK VENEER (NORMAN - 1/3 RUNNING BOND)
<FBR-2>	FACE BRICK VENEER - PROJECTING ACCENT PATTERN
<MP-1>	FORMED METAL PANEL RAINSCREEN SYSTEM
<MP-2>	PROFILED HORIZONTAL METAL PANEL RAINSCREEN
<STN-1>	FULL DEPTH STONE VENEER
<WDCP-1>	WOOD-VENEER-FACED COMPOSITE PANELS



**1 OVERALL - NORTH ELEVATION**  
3/32" = 1'-0"



**2 OVERALL - WEST ELEVATION**  
3/32" = 1'-0"

**HGA**

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**MKSK**  
LANDSCAPE ARCHITECT

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462 SOUTH LUDLOW ALLEY  
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614.621.2796

**MOUNT CARMEL  
HEALTH  
SYSTEM**



NORTHWEST HEALTH  
CAMPUS  
4105 EMERALD PARKWAY  
DUBLIN, OH

NOT FOR  
CONSTRUCTION

NO	DESCRIPTION	DATE

HGA NO: 1927-004-00

**OVERALL  
EXTERIOR  
ELEVATIONS**

DATE: SEPTEMBER 6, 2022  
FINAL DEVELOPMENT  
PLAN

**A401**

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FINAL DEVELOPMENT PLAN

























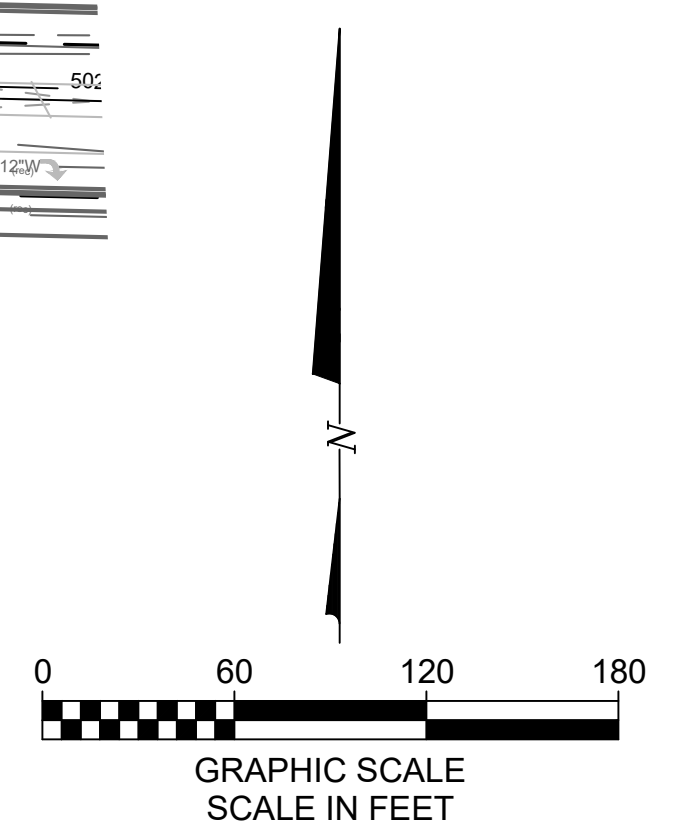




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 COLUMBUS, OH 43215  
 614.621.2796

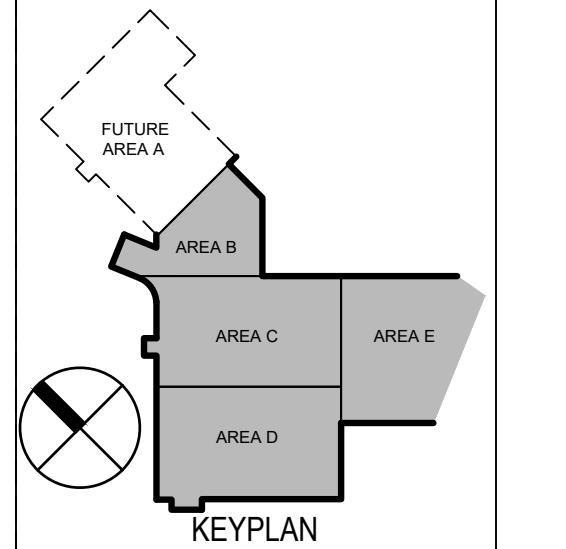


**GRADING LEGEND**  
**LEGEND**  
**EXISTING**  
 REFER TO SHEET  
 TS-100-TS-106  
**PROPOSED**

- |  |                            |  |                                       |
|--|----------------------------|--|---------------------------------------|
|  | INDEX CONTOUR              |  | FLOW DIRECTION                        |
|  | INTERMEDIATE CONTOUR       |  | EMERGENCY OVERFLOW PATH               |
|  | BUILDING WALL              |  | CATCH BASIN PER DETAIL G/C206         |
|  | UNDERGROUND ELECTRIC LINE  |  | CURB & GUTTER INLET PER DETAIL A/C206 |
|  | UNDERGROUND TELEPHONE LINE |  | MANHOLE PER DETAIL G/C206             |
|  | WATER LINE                 |  | 100 YEAR PONDING ELEVATION            |
|  | GAS LINE                   |  | GRADE BREAK                           |
|  | STORM SEWER                |  | OVERFLOW SPILLWAY PER SHEET C211      |
|  | SANITARY SEWER             |  | FRENCH DRAIN PER DETAIL XX/C206       |
|  | FIRE HYDRANT               |  |                                       |

**MOUNT CARMEL HEALTH SYSTEM**

**MOUNT CARMEL NORTHWEST HEALTH CAMPUS**  
 4105 EMERALD PARKWAY  
 DUBLIN, OH



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NO	DESCRIPTION	DATE

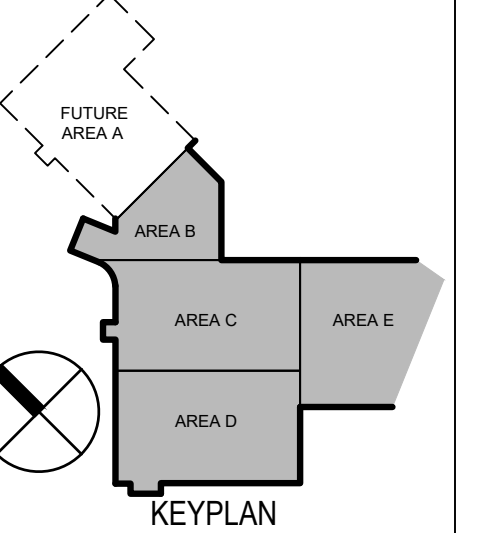
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**OVERALL GRADING PLAN**

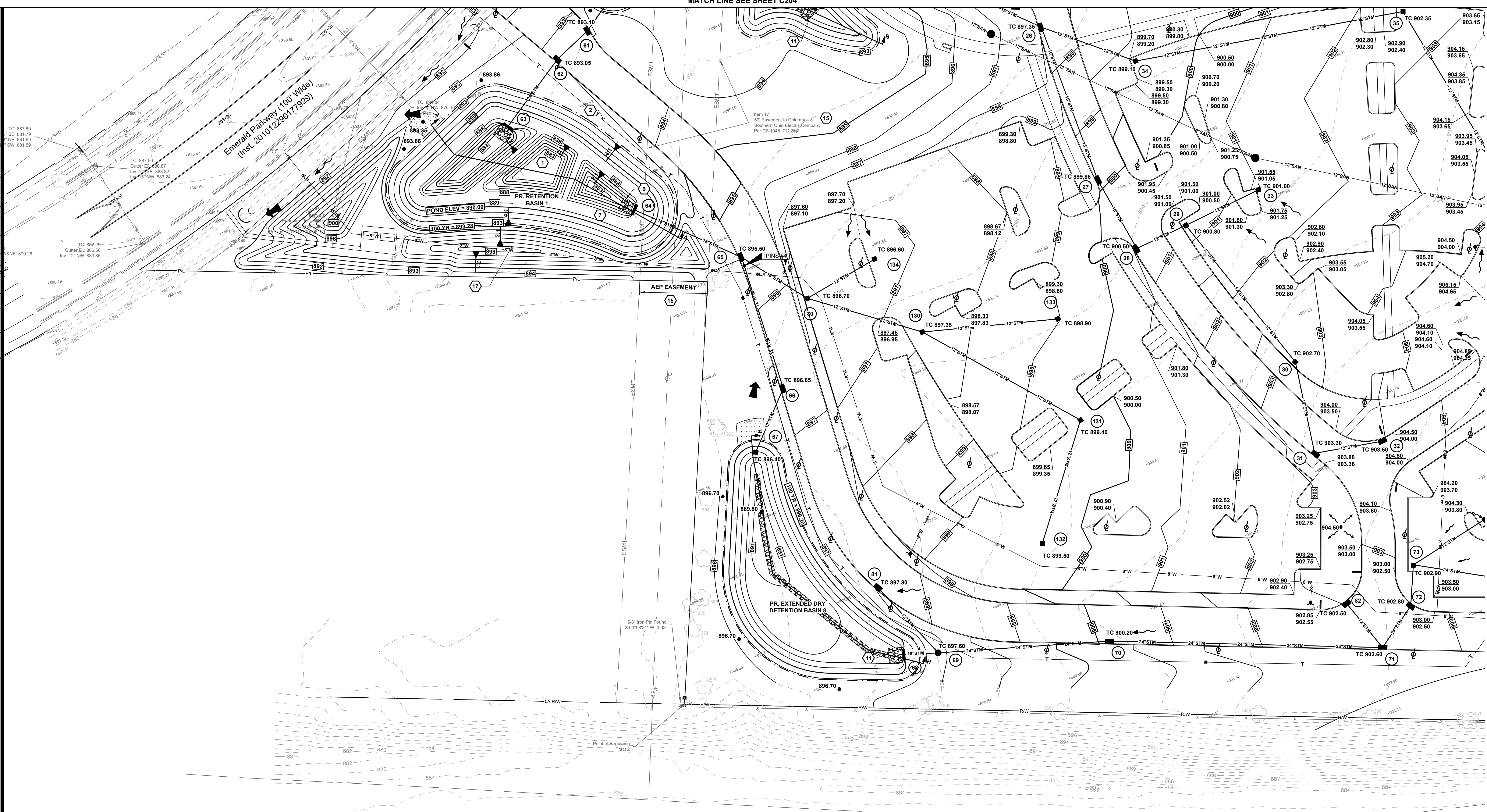
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**FINAL DEVELOPMENT PLAN**

**C200**

FINAL DEVELOPMENT PLAN

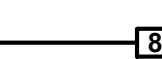

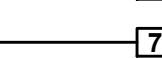

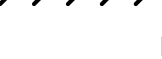

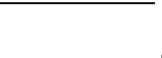



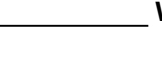
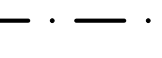
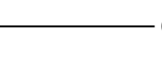
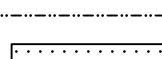
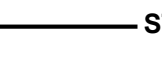
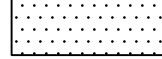
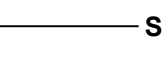
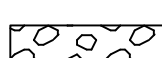
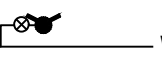


**NOT FOR  
CONSTRUCTION**



**GRADING LEGEND**

**LEGEND**  
EXISTING  
REFER TO SHEET  
TS100-TS106  
**PROPOSED**

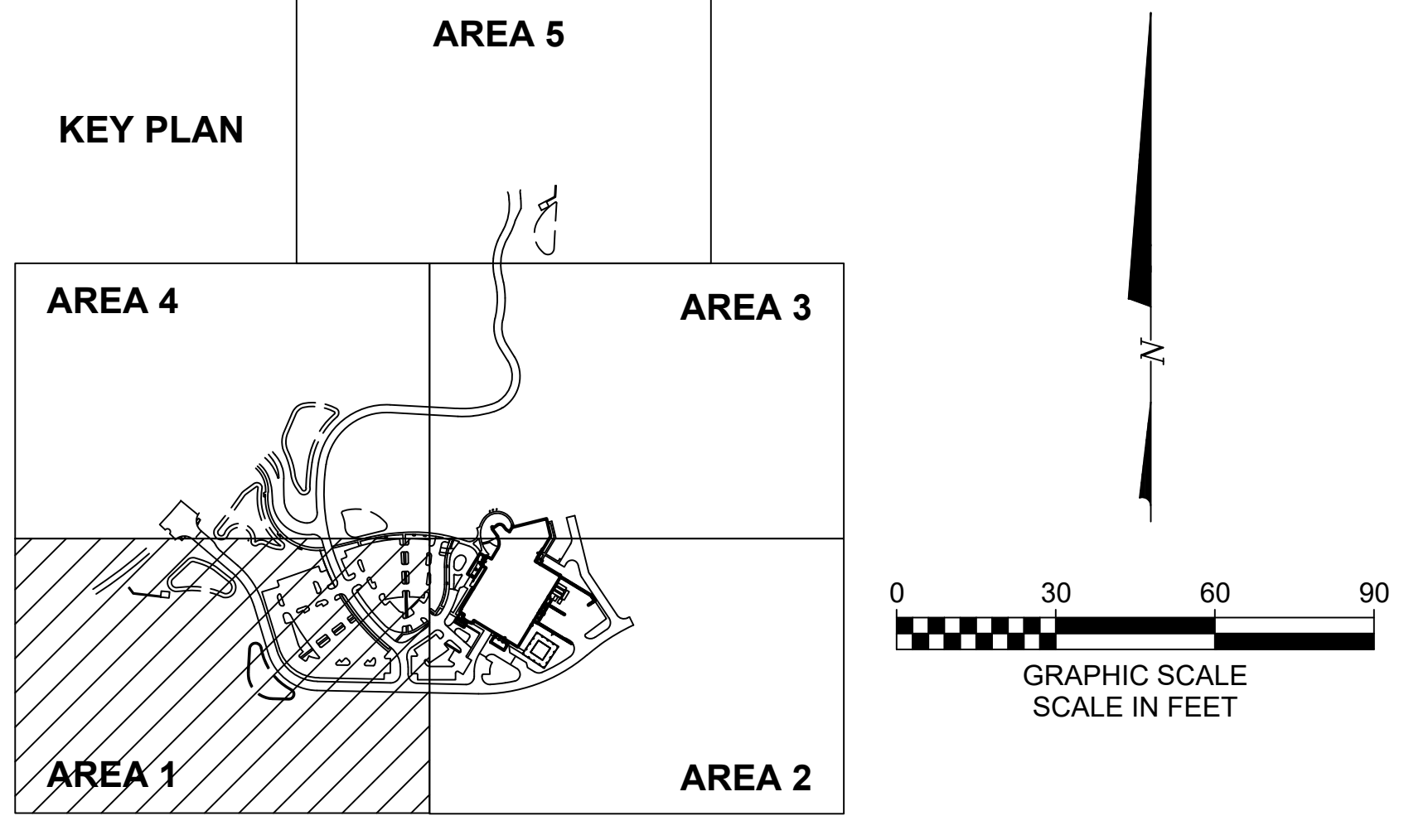
	INDEX CONTOUR		FLOW DIRECTION
	INTERMEDIATE CONTOUR		EMERGENCY OVERFLOW PATH
	BUILDING/WALL		CATCH BASIN PER DETAIL B/C206
	UNDERGROUND ELECTRIC		CURB & GUTTER INLET PER DETAIL A/C206
	UNDERGROUND TELEPHONE		MANHOLE PER DETAIL G/C206
	WATER LINE		100 YEAR PONDING ELEVATION
	GAS LINE		GRADE BREAK
	STORM SEWER		OVERFLOW SPILLWAY PER SHEET C211
	SANITARY SEWER		FRENCH DRAIN PER DETAIL XX/C206
	FIRE HYDRANT		

**GENERAL NOTES:**

1. PROVIDE TO UNDERDRAINS IN FOUR DIRECTIONS AT CATCH BASINS IN PAVEMENT.
2. PAVEMENT ELEVATIONS REFER TO FINISHED PAVEMENT ELEVATION AT FACE OF CURB UNLESS OTHERWISE NOTED.
3. CONSTRUCTION WORK WILL NOT BE PERMITTED WITHOUT APPROVED PLANS AND INSPECTION.
4. IN CASE OF A DISCREPANCY BETWEEN CITY OF DUBLIN REQUIREMENTS AND PROJECT SPECIFICATIONS, CITY OF DUBLIN STANDARDS SHALL GOVERN.
5. SOIL EROSION AND SEDIMENTATION BMP MEASURES SHALL BE INSTALLED PRIOR TO START OF ANY CONSTRUCTION AND SHALL BE MAINTAINED UNTIL CONSTRUCTION HAS BEEN COMPLETED, INCLUDING GRASS BEING WELL ESTABLISHED AND/OR PERMANENT EROSION AND SEDIMENTATION BMP MEASURES IN PLACE. BMP MEASURES SHALL BE TO THE SATISFACTION OF THE CITY OF DUBLIN.
6. STREET CLEANING (ON AN AS-NEEDED BASIS) IS REQUIRED THROUGH THE DURATION OF THIS CONSTRUCTION PROJECT. THIS INCLUDES SWEEPING, POWER CLEANING, AND (IF NECESSARY) MANUAL REMOVAL OF DIRT AND/OR MUD IN THE STREET GUTTERS.
7. REMOVE SEDIMENT FROM DETENTION AREAS, OUTLET STRUCTURES, AND UNDERDRAINS ONCE FINAL SEED HAS BEEN ESTABLISHED.
8. ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL. DIMENSIONS AND COORDINATES ARE TO FACE OF CURB OR FACE OF BUILDING UNLESS OTHERWISE NOTED.
9. EXTEND UTILITIES TO WITHIN 5'-0" OF FACE OF BUILDING UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR. FINAL CONNECTION BY PLUMBING CONTRACTOR.
10. MAXIMUM FINISH SLOPES SHALL BE 4:1 UNLESS OTHERWISE NOTED.
11. COORDINATES AND ELEVATIONS BASED ON SURVEY PERFORMED BY KORDA/NEMETH ENGINEERING. REFER TO SHEET TS1.00.
12. CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING TOPSOIL THROUGHOUT THE SITE PRIOR TO EXCAVATION. UPON COMPLETION OF FINAL GRADING, PROVIDE 6 INCHES OF TOPSOIL AND SEED AREAS DISTURBED BY CONSTRUCTION, INCLUDING LAYDOWN AREAS AND TRAILER LOCATIONS IF LOCATED OUTSIDE THE GRADING/SEEDING LIMITS.
13. DISPOSE EXCESS EXCAVATED MATERIALS AND UNACCEPTABLE/UNSUITABLE SOILS OFF SITE IN ACCORDANCE WITH LOCAL CODES. NO PERMANENT STOCKPILES WILL REMAIN ON SITE.
14. EXISTING VALVES, MANHOLES, AND OTHER APPURTANCES TO REMAIN LOCATED WITHIN THE WORK LIMITS SHALL BE ADJUSTED TO FINISH GRADE.
15. OUTLET CURB UNDERDRAINS TO ADJACENT EXISTING UNDERDRAINS OR STORM SEWER SYSTEM.
16. EXPOSE UTILITIES NOTED THUS EXPOSE PRIOR TO BEGINNING WORK ON THAT UTILITY TO DETERMINE EFFECTS ON THE PROPOSED ALIGNMENT AND PROFILE. REPORT ELEVATION AND LOCATION TO THE ENGINEER IN ORDER THAT ANY CORRECTIONS TO THE ELEVATION AND LOCATION CAN BE MADE.
17. CONCRETE ADJACENT TO BUILDING SHALL BE SLOPED AWAY FROM BUILDING AT 2:0% UNLESS OTHERWISE NOTED.
18. ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.
19. REFER TO SHEETS C306-C315 FOR ADDITIONAL WATER LINE INFORMATION.
20. REFER TO SHEETS C400-C404 FOR ADDITIONAL PRIVATE SANITARY MAIN INFORMATION.
21. REFER TO SHEETS C500-C507 FOR ADDITIONAL EMERALD PARKWAY RIGHT-OF-WAY PLAN INFORMATION.
22. REFER TO SHEETS C601-C612 FOR ADDITIONAL SAWMILL ROAD RIGHT-OF-WAY PLAN INFORMATION.

**CODED NOTES:**

1. PROVIDE FOUNTAIN IN THE PROPOSED RETENTION POND. FOUNTAIN SHALL NOT BE PLACED WITHIN THE AEP EASEMENT.
2. FOREBAY ACCESS TO RETENTION PONDS AND EXTENDED DRY DETENTION BASINS.
3. ROOF DRAIN TO DRAIN TO RUNNEL.
4. ROOF DRAIN CONNECTED TO RUNNEL.
5. STORM OUTLET TO ODOT RW. TO BE APPROVED BY ODOT.
6. GRAVEL STREAM BED. REFER TO LANDSCAPE SHEETS.
7. AQUATIC BENCH TO MEET CITY OF DUBLIN STANDARDS.
8. 10LX56"WX18"D ROCK CHANNEL PROTECTION
9. 10LX7"WX18"D ROCK CHANNEL PROTECTION
10. 10LX11"WX18"D ROCK CHANNEL PROTECTION
11. GAS SERVICE LINE AND METER BY OTHERS. GAS SERVICE LINE DOWNSTREAM OF THE METERS BY CONTRACTOR.
12. ROUNDABOUT AND ASSOCIATED INFRASTRUCTURE BY OTHERS. REFER TO DUBLIN CAPITAL IMPROVEMENT PROJECT.
13. BRIGHT ROAD CORRIDOR IMPROVEMENTS BY OTHERS. REFER TO DUBLIN CAPITAL IMPROVEMENTS PROJECT.
14. NO STOCKPILING OR STORING MATERIAL WITHIN THE AEP EASEMENT. USE EXTREME CAUTION WHEN OPERATING A CRANE, VEHICLE, OR MECHANICAL EQUIPMENT CAPABLE OF HAVING PART OF ITS STRUCTURE ELEVATED, NEAR ANY ENERGIZED LINES.
15. CURB CUT DETAIL PER XXX/C206.
16. LANDSCAPE MOUNDING TO BE CONSTRUCTED OF EXISTING TOPSOIL FROM SITE.
17. SITE WALL. REFER TO LANDSCAPE DRAWINGS
18. COORDINATE LOCATION OF STORM STRUCTURE AND GRADING WITH DUBLIN CAPITAL IMPROVEMENT PROJECT.
19. HEADWALL STONE FACE TO MATCH BUILDING STONE MATERIAL. REFER TO ARCHITECTURAL SHEETS IN FUTURE BUILDING PACKAGE FOR STONE MATERIAL.



NO	DESCRIPTION	DATE

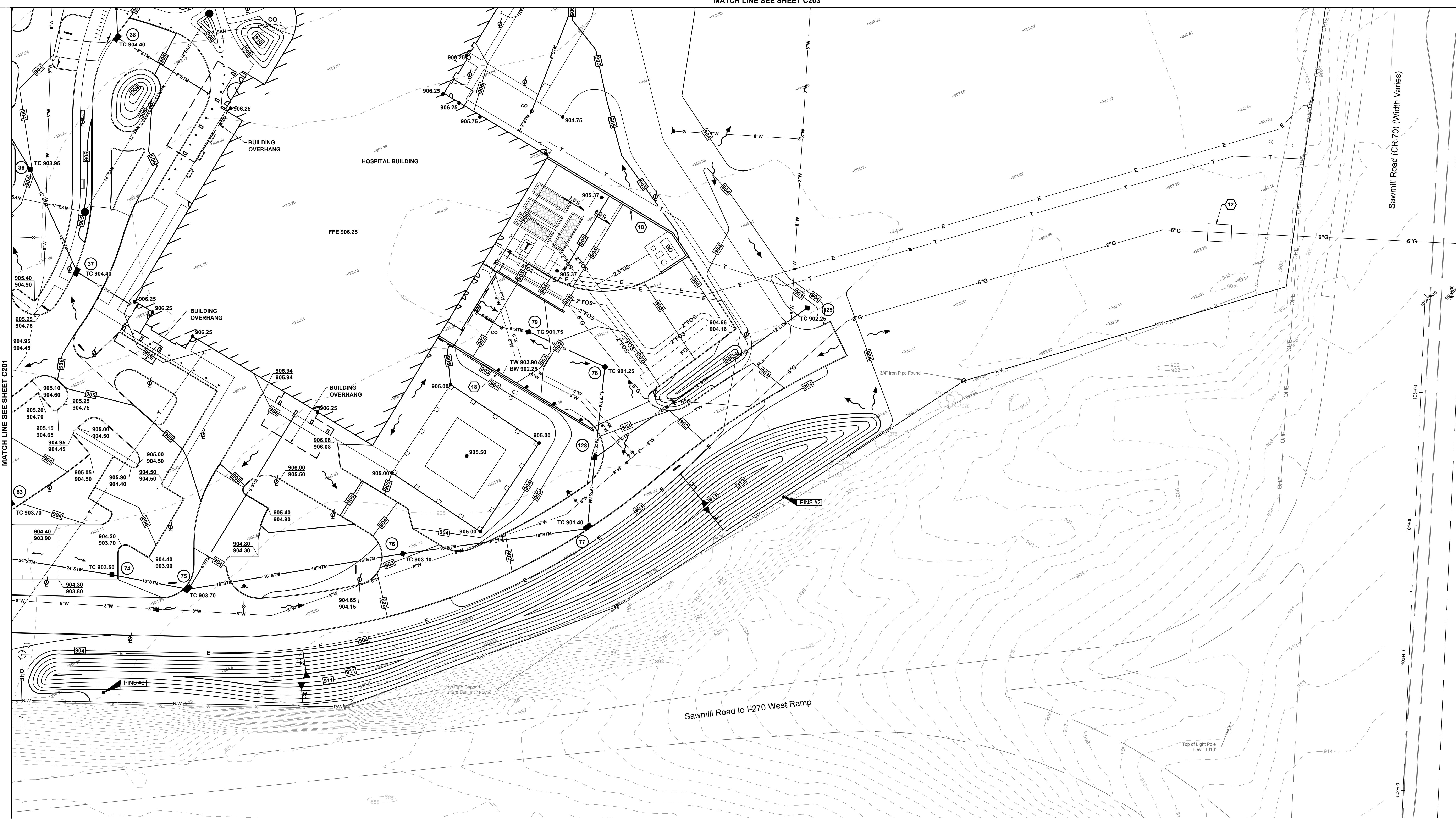
HGA NO: 1927-004-00

**GRADING PLAN**

DATE: SEPTEMBER 6, 2022

**FINAL DEVELOPMENT PLAN**

**C201**



MATCH LINE SEE SHEET C201

Sawmill Road (CR 70) (Width Varies)

HGA

333 East Erie Street  
Milwaukee, Wisconsin 53202  
Telephone 414.278.8200

**KORDA**  
KORDA NEMETH ENGINEERING  
CIVIL/MECHANICAL/ELECTRICAL/  
PLUMBING/STRUCTURAL/  
TECHNOLOGY ENGINEER

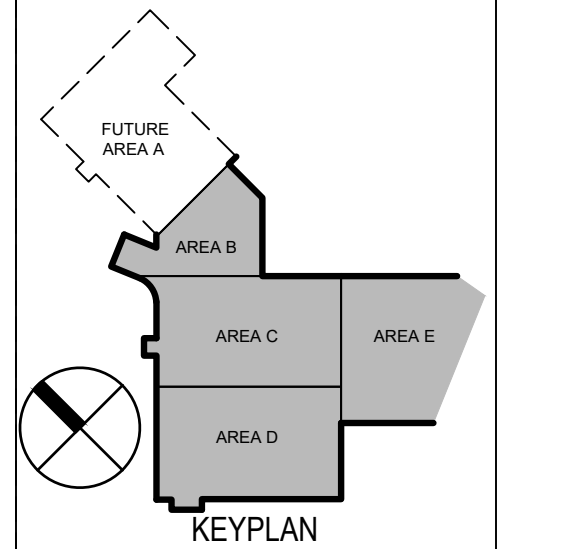
KORDA  
1650 WATERMARK DRIVE  
COLUMBUS, OH 43215  
614.487.1650

**MKSK**  
LANDSCAPE ARCHITECT

MKSK  
462 SOUTH LUDLOW ALLEY  
COLUMBUS, OH 43215  
614.621.2796

**MOUNT CARMEL  
HEALTH  
SYSTEM**

**MOUNT CARMEL**  
NORTHWEST HEALTH  
CAMPUS  
4105 EMERALD PARKWAY  
DUBLIN, OH



**NOT FOR  
CONSTRUCTION**

**GRADING LEGEND**

LEGEND		FLOW DIRECTION	
[Symbol]	INDEX CONTOUR	[Symbol]	EMERGENCY OVERFLOW PATH
[Symbol]	INTERMEDIATE CONTOUR	[Symbol]	CATCH BASIN PER DETAIL B/C206
[Symbol]	BUILDING/WALL	[Symbol]	CURB & GUTTER INLET PER DETAIL A/C206
[Symbol]	UNDERGROUND ELECTRIC LINE	[Symbol]	MANHOLE PER DETAIL G/C206
[Symbol]	UNDERGROUND TELEPHONE LINE	[Symbol]	100 YEAR PONDING ELEVATION
[Symbol]	WATER LINE	[Symbol]	GRADE BREAK
[Symbol]	GAS LINE	[Symbol]	OVERFLOW SPILLWAY PER SHEET C211
[Symbol]	STORM SEWER	[Symbol]	FRENCH DRAIN PER DETAIL XX/C206
[Symbol]	SANITARY SEWER		
[Symbol]	FIRE HYDRANT		

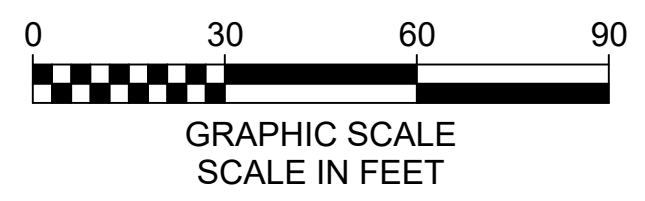
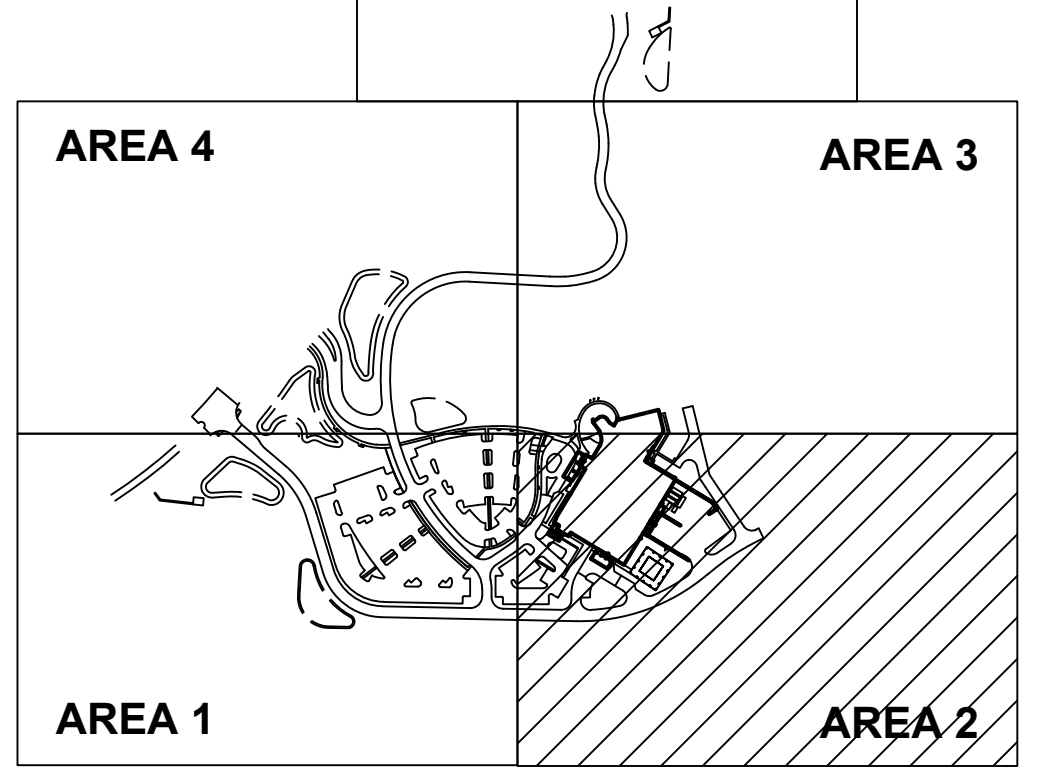
**GENERAL NOTES:**

- PROVIDE 10' UNDERDRAINS IN FOUR DIRECTIONS AT CATCH BASINS IN PAVEMENT.
- PAVEMENT ELEVATIONS REFER TO FINISHED PAVEMENT ELEVATION AT FACE OF CURB UNLESS OTHERWISE NOTED.
- CONSTRUCTION WORK WILL NOT BE PERMITTED WITHOUT APPROVED PLANS AND INSPECTION.
- IN CASE OF A DISCREPANCY BETWEEN CITY OF DUBLIN REQUIREMENTS AND PROJECT SPECIFICATIONS, CITY OF DUBLIN STANDARDS SHALL GOVERN.
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- ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.
- DIMENSIONS AND COORDINATES ARE TO FACE OF CURB OR FACE OF BUILDING UNLESS OTHERWISE NOTED.
- EXTEND UTILITIES TO WITHIN 5'-0" OF FACE OF BUILDING UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR. FINAL CONNECTION BY PLUMBING CONTRACTOR.
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- COORDINATES AND ELEVATIONS BASED ON SURVEY PERFORMED BY KORDA/NEMETH ENGINEERING. REFER TO SHEET TS 1.00.
- CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING TOPSOIL THROUGHOUT THE SITE PRIOR TO EXCAVATION. UPON COMPLETION OF FINAL GRADING, PROVIDE 6 INCHES OF TOPSOIL AND SEED AREAS DISTURBED BY CONSTRUCTION, INCLUDING LAYDOWN AREAS AND TRAILER LOCATIONS IF LOCATED OUTSIDE THE GRADING/SEEDING LIMITS.
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- REFER TO SHEETS C400-C404 FOR ADDITIONAL PRIVATE SANITARY MAIN INFORMATION.
- REFER TO SHEETS C500-C507 FOR ADDITIONAL EMERALD PARKWAY RIGHT-OF-WAY PLAN INFORMATION.
- REFER TO SHEETS C601-C612 FOR ADDITIONAL SAWMILL ROAD RIGHT-OF-WAY PLAN INFORMATION.

**CODED NOTES:**

- PROVIDE FOUNTAIN IN THE PROPOSED RETENTION POND. FOUNTAIN SHALL NOT BE PLACED WITHIN THE AEP EASEMENT.
- FOREBAY ACCESS TO RETENTION PONDS AND EXTENDED DRY DETENTION BASINS.
- ROOF DRAIN TO DRAIN TO RUNNEL.
- ROOF DRAIN CONNECTED TO RUNNEL.
- STORM OUTLET TO ODOT RW, TO BE APPROVED BY ODOT.
- GRAVEL STREAM BED. REFER TO LANDSCAPE SHEETS.
- AQUATIC BENCH TO MEET CITY OF DUBLIN STANDARDS.
- 10LX8'WX18'D ROCK CHANNEL PROTECTION.
- 10LX8'WX18'D ROCK CHANNEL PROTECTION.
- 10LX7'WX18'D ROCK CHANNEL PROTECTION.
- 10LX11'WX18'D ROCK CHANNEL PROTECTION.
- GAS SERVICE LINE AND METER BY OTHERS. GAS SERVICE LINE DOWNSTREAM OF THE METERS BY CONTRACTOR.
- ROUNDABOUT AND ASSOCIATED INFRASTRUCTURE BY OTHERS. REFER TO DUBLIN CAPITAL IMPROVEMENT PROJECT.
- BRIGHT ROAD CORRIDOR IMPROVEMENTS BY OTHERS. REFER TO DUBLIN CAPITAL IMPROVEMENTS PROJECT.
- NO STOCKPILING OR STORING MATERIAL WITHIN THE AEP EASEMENT. USE EXTREME CAUTION WHEN OPERATING A CRANE, VEHICLE, OR MECHANICAL EQUIPMENT CAPABLE OF HAVING PART OF ITS STRUCTURE ELEVATED NEAR ANY ENERGIZED LINES.
- CURB CUT DETAIL PER XXX/C206.
- LANDSCAPE MOUNDING TO BE CONSTRUCTED OF EXISTING TOPSOIL FROM SITE.
- SITE WALL. REFER TO LANDSCAPE DRAWINGS.
- COORDINATE LOCATION OF STORM STRUCTURE AND GRADING WITH DUBLIN CAPITAL IMPROVEMENT PROJECT.
- HEADWALL STONE FACE TO MATCH BUILDING STONE MATERIAL. REFER TO ARCHITECTURAL SHEETS IN FUTURE BUILDING PACKAGE FOR STONE MATERIAL.

**KEY PLAN**



NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

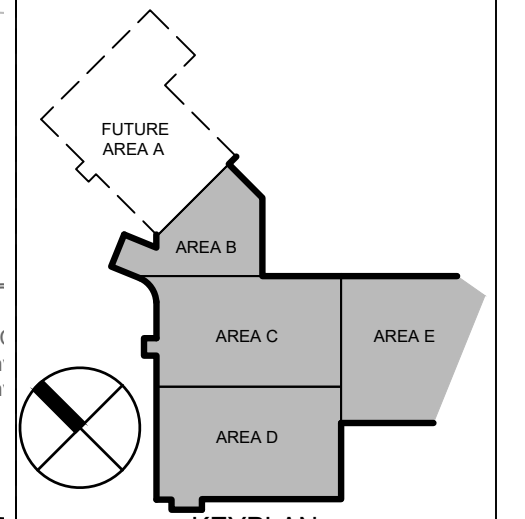
HGA NO: 1927-004-00

**GRADING PLAN**

DATE: SEPTEMBER 6, 2022

**FINAL DEVELOPMENT PLAN**

**C202**



**NOT FOR  
CONSTRUCTION**

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 1927-004-00

GRADING PLAN

DATE: SEPTEMBER 6, 2022

FINAL DEVELOPMENT PLAN

**C203**

FINAL DEVELOPMENT PLAN



MATCH LINE SEE SHEET C204

Match Line See Sheet C202

**GENERAL NOTES:**

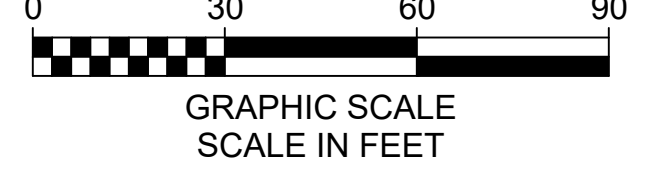
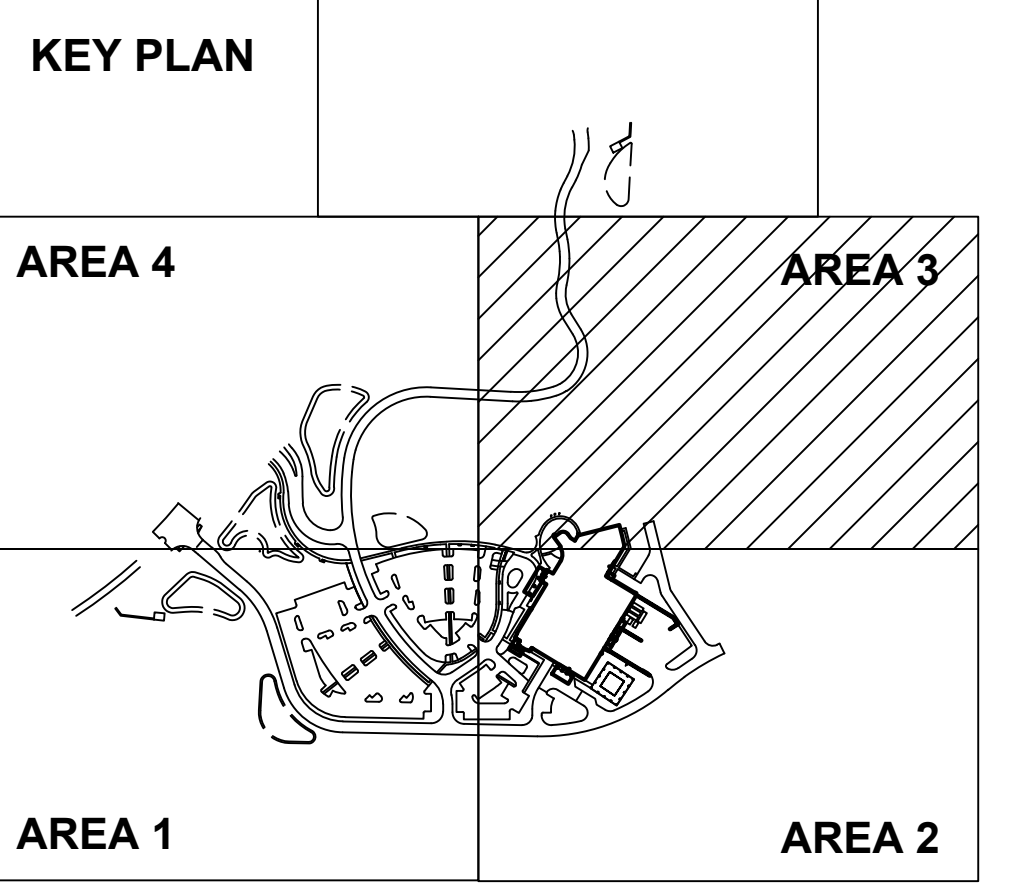
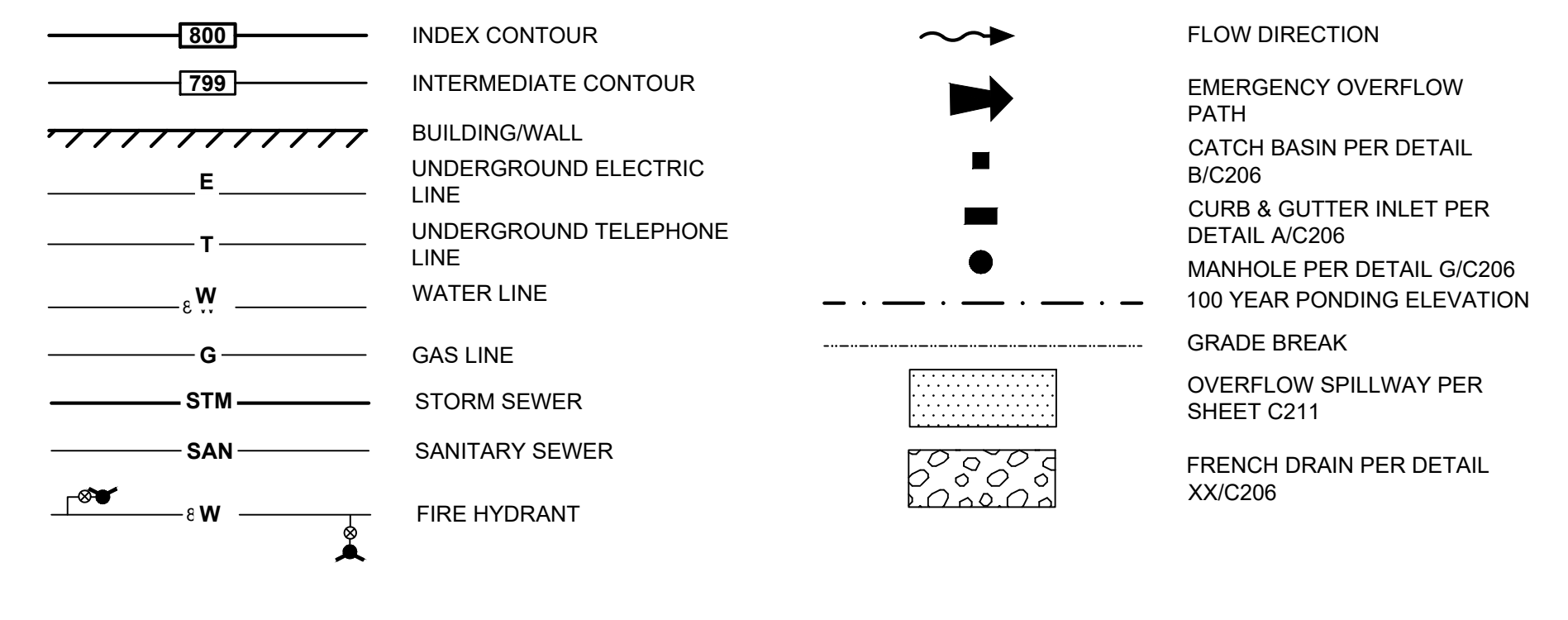
1. PROVIDE TO UNDERDRAINS IN FOUR DIRECTIONS AT CATCH BASINS IN PAVEMENT.
2. PAVEMENT ELEVATIONS REFER TO FINISHED PAVEMENT ELEVATION AT FACE OF CURB UNLESS OTHERWISE NOTED.
3. CONSTRUCTION WORK WILL NOT BE PERMITTED WITHOUT APPROVED PLANS AND INSPECTION.
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7. REMOVE SEDIMENT FROM DETENTION AREAS, OUTLET STRUCTURES, AND UNDERDRAINS ONCE FINAL SEED HAS BEEN ESTABLISHED.
8. ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.
9. DIMENSIONS AND COORDINATES ARE TO FACE OF CURB OR FACE OF BUILDING UNLESS OTHERWISE NOTED.
10. EXTEND UTILITIES TO WITHIN 5'-0" OF FACE OF BUILDING UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR. FINAL CONNECTION BY PLUMBING CONTRACTOR.
11. MAXIMUM FINISH SLOPES SHALL BE 4:1 UNLESS OTHERWISE NOTED.
12. COORDINATES AND ELEVATIONS BASED ON SURVEY PERFORMED BY KORDA/NEMETH ENGINEERING. REFER TO SHEET TS1.00.
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14. DISPOSE EXCESS EXCAVATED MATERIALS AND UNACCEPTABLE/UNSUITABLE SOILS OFF SITE IN ACCORDANCE WITH LOCAL CODES. NO PERMANENT STOCKPILES WILL REMAIN ON SITE.
15. EXISTING VALVES, MANHOLES, AND OTHER APPURTANCES TO REMAIN LOCATED WITHIN THE WORK LIMITS SHALL BE ADJUSTED TO FINISH GRADE.
16. OUTLET CURB UNDERDRAINS TO ADJACENT EXISTING UNDERDRAINS OR STORM SEWER SYSTEM.
17. EXPOSE UTILITIES NOTED THIS EXPOSE PRIOR TO BEGINNING WORK ON THAT UTILITY TO DETERMINE EFFECTS ON THE PROPOSED ALIGNMENT AND PROFILE. REPORT ELEVATION AND LOCATION TO THE ENGINEER IN ORDER THAT ANY CORRECTIONS TO THE ELEVATION AND LOCATION CAN BE MADE.
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22. REFER TO SHEETS C500-C507 FOR ADDITIONAL EMERALD PARKWAY RIGHT-OF-WAY PLAN INFORMATION.
23. REFER TO SHEETS C601-C612 FOR ADDITIONAL SAWMILL ROAD RIGHT-OF-WAY PLAN INFORMATION.

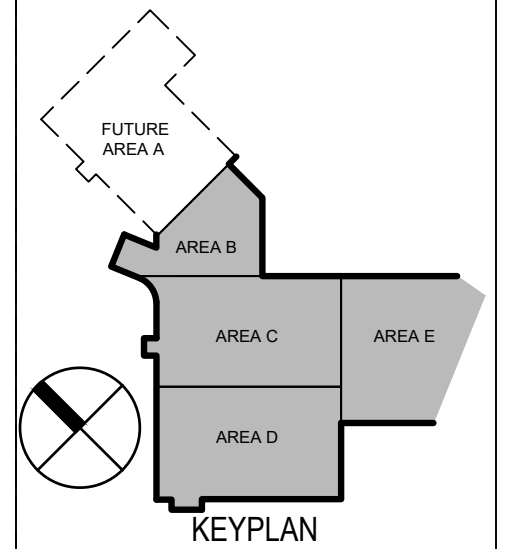
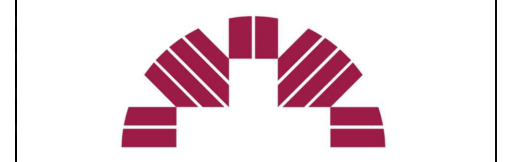
**CODED NOTES:**

1. PROVIDE FOUNTAIN IN THE PROPOSED RETENTION POND. FOUNTAIN SHALL NOT BE PLACED WITHIN THE AEP EASEMENT.
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3. ROOF DRAIN TO DRAIN TO RUNNEL.
4. ROOF DRAIN CONNECTED TO RUNNEL.
5. STORM OUTLET TO ODOT RW, TO BE APPROVED BY ODOT.
6. GRAVEL STREAM BED. REFER TO LANDSCAPE SHEETS.
7. AQUATIC BENCH TO MEET CITY OF DUBLIN STANDARDS.
8. 10'X8'X18" ROCK CHANNEL PROTECTION
9. 10'X8'X4"X18" ROCK CHANNEL PROTECTION
10. 10'X7'X18" ROCK CHANNEL PROTECTION
11. 10'X1'X18" ROCK CHANNEL PROTECTION
12. GAS SERVICE LINE AND METER BY OTHERS. GAS SERVICE LINE DOWNSTREAM OF THE METERS BY CONTRACTOR.
13. ROUNDABOUT AND ASSOCIATED INFRASTRUCTURE BY OTHERS. REFER TO DUBLIN CAPITAL IMPROVEMENT PROJECT.
14. BRIGHT ROAD CORRIDOR IMPROVEMENTS BY OTHERS. REFER TO DUBLIN CAPITAL IMPROVEMENTS PROJECT.
15. NO STOCKPILING OR STORING MATERIAL WITHIN THE AEP EASEMENT. USE EXTREME CAUTION WHEN OPERATING A CRANE, VEHICLE, OR MECHANICAL EQUIPMENT CAPABLE OF HAVING PART OF ITS STRUCTURE ELEVATED, NEAR ANY ENERGIZED LINES.
16. CURB CUT DETAIL PER XXX/C206.
17. LANDSCAPE MOUNDING TO BE CONSTRUCTED OF EXISTING TOPSOIL FROM SITE.
18. SITE WALL, REFER TO LANDSCAPE DRAWINGS
19. COORDINATE LOCATION OF STORM STRUCTURE AND GRADING WITH DUBLIN CAPITAL IMPROVEMENT PROJECT.
20. HEADWALL STONE FACE TO MATCH BUILDING STONE MATERIAL. REFER TO ARCHITECTURAL SHEETS IN FUTURE BUILDING PACKAGE FOR STONE MATERIAL.

**GRADING LEGEND**

LEGEND  
EXISTING  
REFER TO SHEET  
TS100-TS106  
PROPOSED





## NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

NO	DESCRIPTION	DATE

HGA NO: 1927-004-00

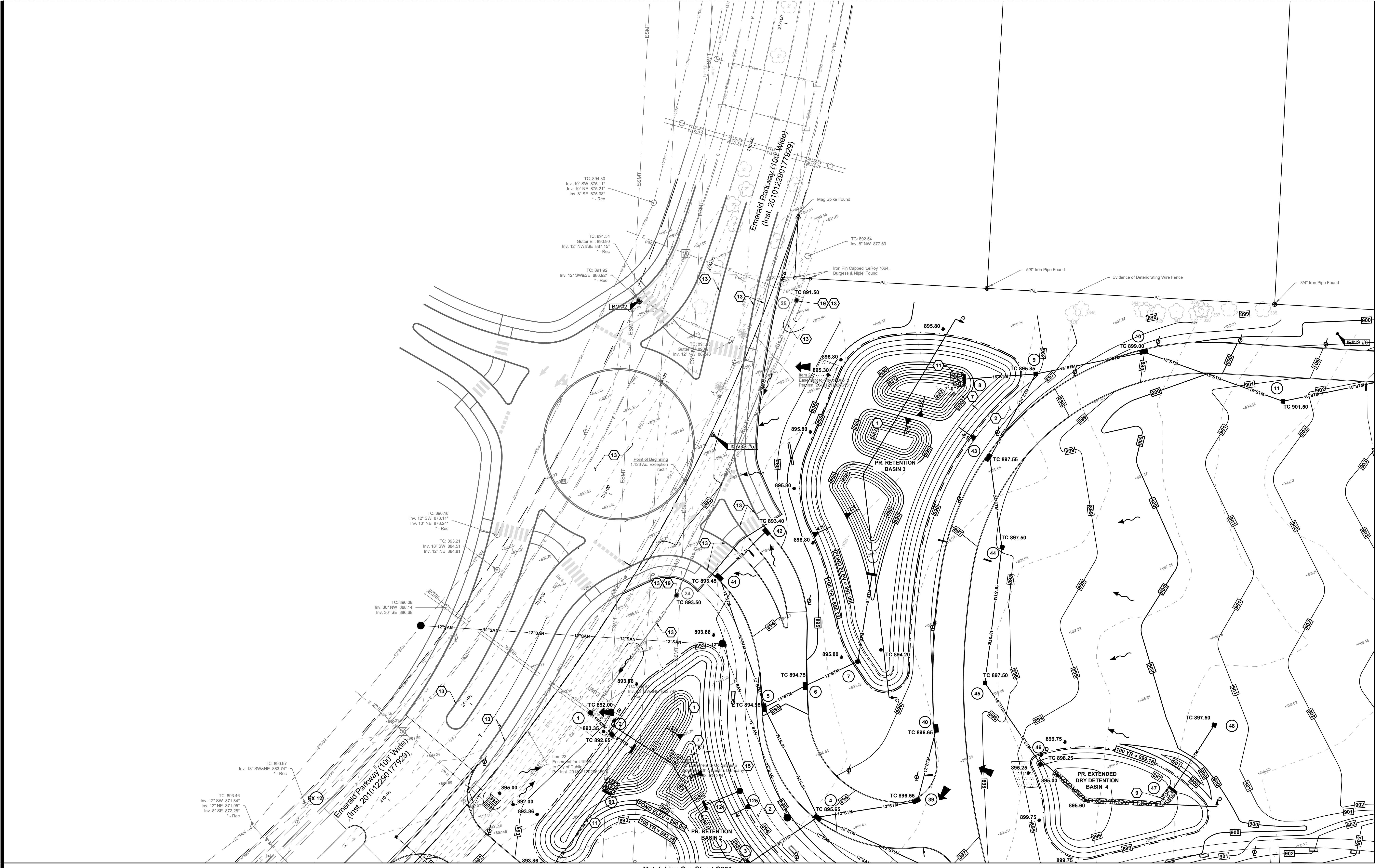
### GRADING PLAN

DATE: SEPTEMBER 6, 2022

### FINAL DEVELOPMENT PLAN

# C204

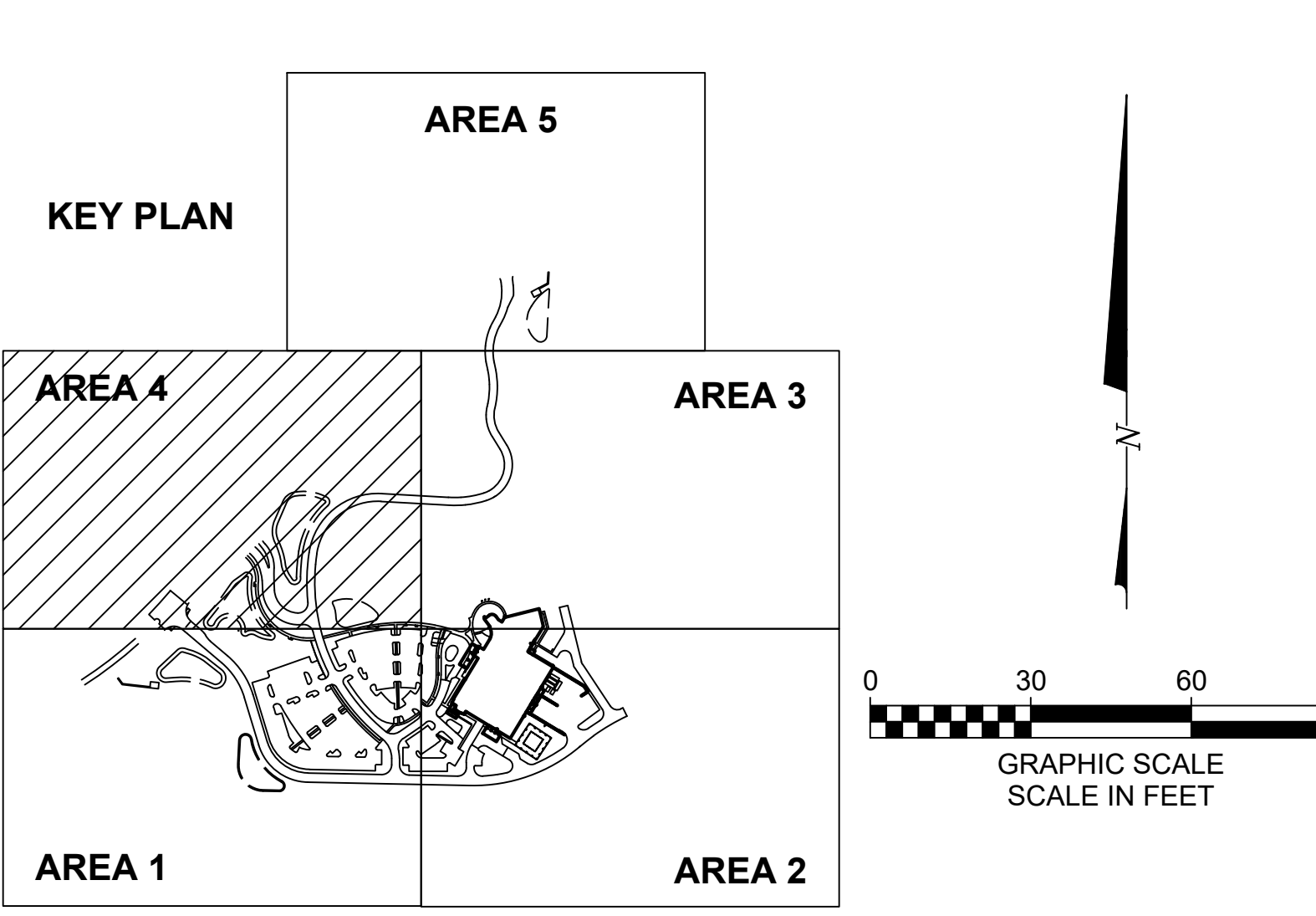
FINAL DEVELOPMENT PLAN



GRADING LEGEND		
<b>LEGEND</b>		
	INDEX CONTOUR	
	INTERMEDIATE CONTOUR	
	BUILDING/WALL	
	UNDERGROUND ELECTRIC LINE	
	UNDERGROUND TELEPHONE LINE	
	WATER LINE	
	GAS LINE	
	STORM SEWER	
	SANITARY SEWER	
	FIRE HYDRANT	
	FLOW DIRECTION	
	EMERGENCY OVERFLOW PATH	
	CATCH BASIN PER DETAIL B/C206	
	CURB & GUTTER INLET PER DETAIL A/C206	
	MANHOLE PER DETAIL G/C206	
	100 YEAR PONDING ELEVATION	
	GRADE BREAK	
	OVERFLOW SPILLWAY PER SHEET C211	
	FRENCH DRAIN PER DETAIL XX/C206	

- ### GENERAL NOTES:
- PROVIDE 10" UNDERDRAINS IN FOUR DIRECTIONS AT CATCH BASINS IN PAVEMENT.
  - PAVEMENT ELEVATIONS REFER TO FINISHED PAVEMENT ELEVATION AT FACE OF CURB UNLESS OTHERWISE NOTED.
  - CONSTRUCTION WORK WILL NOT BE PERMITTED WITHOUT APPROVED PLANS AND INSPECTION.
  - IN CASE OF A DISCREPANCY BETWEEN CITY OF DUBLIN REQUIREMENTS AND PROJECT SPECIFICATIONS, CITY OF DUBLIN STANDARDS SHALL GOVERN.
  - SOIL EROSION AND SEDIMENTATION BMP MEASURES SHALL BE INSTALLED PRIOR TO START OF ANY CONSTRUCTION AND SHALL BE MAINTAINED UNTIL CONSTRUCTION HAS BEEN COMPLETED, INCLUDING GRASS BEING WELL ESTABLISHED AND/OR PERMANENT EROSION AND SEDIMENTATION BMP MEASURES IN PLACE. BMP MEASURES SHALL BE TO THE SATISFACTION OF THE CITY OF DUBLIN.
  - STREET CLEANING (ON AN AS-NEEDED BASIS) IS REQUIRED THROUGH THE DURATION OF THIS CONSTRUCTION PROJECT. THIS INCLUDES SWEEPING, POWER CLEANING, AND (IF NECESSARY) MANUAL REMOVAL OF DIRT AND/OR MUD IN THE STREET GUTTERS.
  - REMOVE SEDIMENT FROM DETENTION AREAS, OUTLET STRUCTURES, AND UNDERDRAINS ONCE FINAL SEED HAS BEEN ESTABLISHED.
  - ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL. DIMENSIONS AND COORDINATES ARE TO FACE OF CURB OR FACE OF BUILDING UNLESS OTHERWISE NOTED.
  - EXTEND UTILITIES TO WITHIN 5'-0" OF FACE OF BUILDING UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR. FINAL CONNECTION BY PLUMBING CONTRACTOR.
  - MAXIMUM FINISH SLOPES SHALL BE 4:1 UNLESS OTHERWISE NOTED.
  - COORDINATES AND ELEVATIONS BASED ON SURVEY PERFORMED BY KORDA/NEMETH ENGINEERING. REFER TO SHEET TS10.0.
  - CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING TOPSOIL THROUGHOUT THE SITE PRIOR TO EXCAVATION. UPON COMPLETION OF FINAL GRADING, PROVIDE 6 INCHES OF TOPSOIL AND SEED AREAS DISTURBED BY CONSTRUCTION, INCLUDING LAYDOWN AREAS AND TRAILER LOCATIONS IF LOCATED OUTSIDE THE GRADING/SEEDING LIMITS.
  - DISPOSE EXCESS EXCAVATED MATERIALS AND UNACCEPTABLE/UNSUITABLE SOILS OFF SITE IN ACCORDANCE WITH LOCAL CODES. NO PERMANENT STOCKPILES WILL REMAIN ON SITE.
  - EXISTING VALVES, MANHOLES, AND OTHER APPURTANCES TO REMAIN LOCATED WITHIN THE WORK LIMITS SHALL BE ADJUSTED TO FINISH GRADE.
  - OUTLET CURB UNDERDRAINS TO ADJACENT EXISTING UNDERDRAINS OR STORM SEWER SYSTEM.
  - EXPOSE UTILITIES NOTED THUS EXPOSE PRIOR TO BEGINNING WORK ON THAT UTILITY TO DETERMINE EFFECTS ON THE PROPOSED ALIGNMENT AND PROFILE. REPORT ELEVATION AND LOCATION TO THE ENGINEER IN ORDER THAT ANY CORRECTIONS TO THE ELEVATION AND LOCATION CAN BE MADE.
  - CONCRETE ADJACENT TO BUILDING SHALL BE SLOPED AWAY FROM BUILDING AT 2.0% UNLESS OTHERWISE NOTED.
  - ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.
  - REFER TO SHEETS C306-C315 FOR ADDITIONAL WATER LINE INFORMATION.
  - REFER TO SHEETS C400-C404 FOR ADDITIONAL PRIVATE SANITARY MAIN INFORMATION.
  - REFER TO SHEETS C500-C507 FOR ADDITIONAL EMERALD PARKWAY RIGHT-OF-WAY PLAN INFORMATION.
  - REFER TO SHEETS C601-C612 FOR ADDITIONAL SAWMILL ROAD RIGHT-OF-WAY PLAN INFORMATION.

- ### CODED NOTES:
- PROVIDE FOUNTAIN IN THE PROPOSED RETENTION POND. FOUNTAIN SHALL NOT BE PLACED WITHIN THE AEP EASEMENT.
  - FOREBAY ACCESS TO RETENTION PONDS AND EXTENDED DRY DETENTION BASINS.
  - ROOF DRAIN TO DRAIN TO RUNNEL.
  - ROOF DRAIN CONNECTED TO RUNNEL.
  - STORM OUTLET TO ODOT RW. TO BE APPROVED BY ODOT.
  - GRAVEL STREAM BED. REFER TO LANDSCAPE SHEETS.
  - AQUATIC BENCH TO MEET CITY OF DUBLIN STANDARDS.
  - 10LX56"WX18"D ROCK CHANNEL PROTECTION
  - 10LX36"WX18"D ROCK CHANNEL PROTECTION
  - 10LX11"WX18"D ROCK CHANNEL PROTECTION
  - GAS SERVICE LINE AND METER BY OTHERS. GAS SERVICE LINE DOWNSTREAM OF THE METERS BY CONTRACTOR.
  - ROUNDABOUT AND ASSOCIATED INFRASTRUCTURE BY OTHERS. REFER TO DUBLIN CAPITAL IMPROVEMENT PROJECT.
  - BRIGHT ROAD CORRIDOR IMPROVEMENTS BY OTHERS. REFER TO DUBLIN CAPITAL IMPROVEMENTS PROJECT.
  - NO STOCKPILING OR STORING MATERIAL WITHIN THE AEP EASEMENT. USE EXTREME CAUTION WHEN OPERATING A CRANE, VEHICLE, OR MECHANICAL EQUIPMENT CAPABLE OF HAVING PART OF ITS STRUCTURE ELEVATED, NEAR ANY ENERGIZED LINES.
  - CURB CUT DETAIL PER XXX/C206.
  - LANDSCAPE MOUNDING TO BE CONSTRUCTED OF EXISTING TOPSOIL FROM SITE.
  - SITE WALL. REFER TO LANDSCAPE DRAWINGS
  - COORDINATE LOCATION OF STORM STRUCTURE AND GRADING WITH DUBLIN CAPITAL IMPROVEMENT PROJECT.
  - HEADWALL STONE FACE TO MATCH BUILDING STONE MATERIAL. REFER TO ARCHITECTURAL SHEETS IN FUTURE BUILDING PACKAGE FOR STONE MATERIAL.







NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 1927-004-00

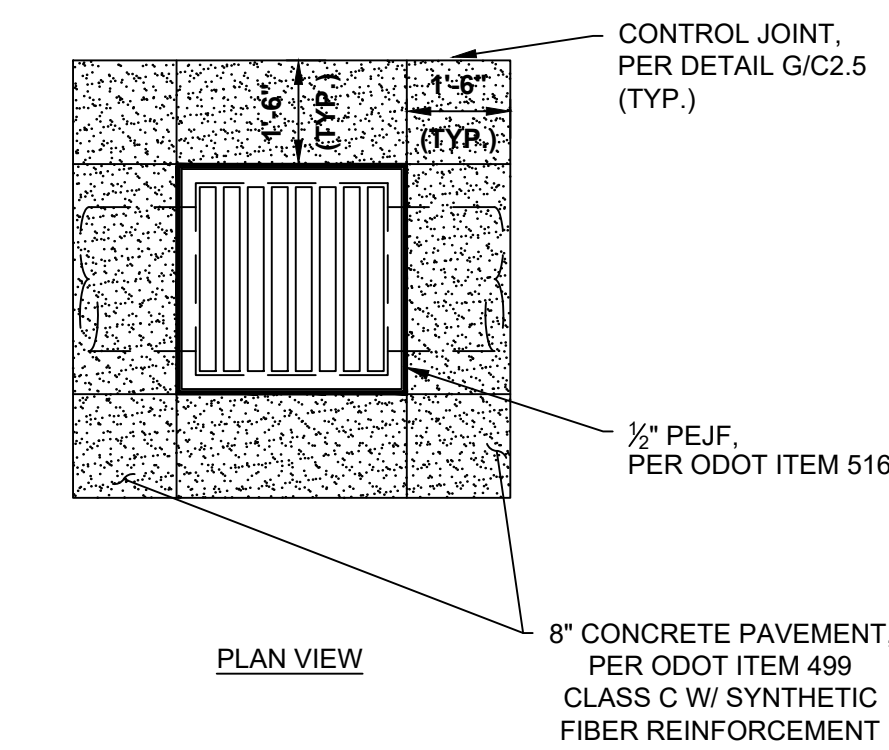
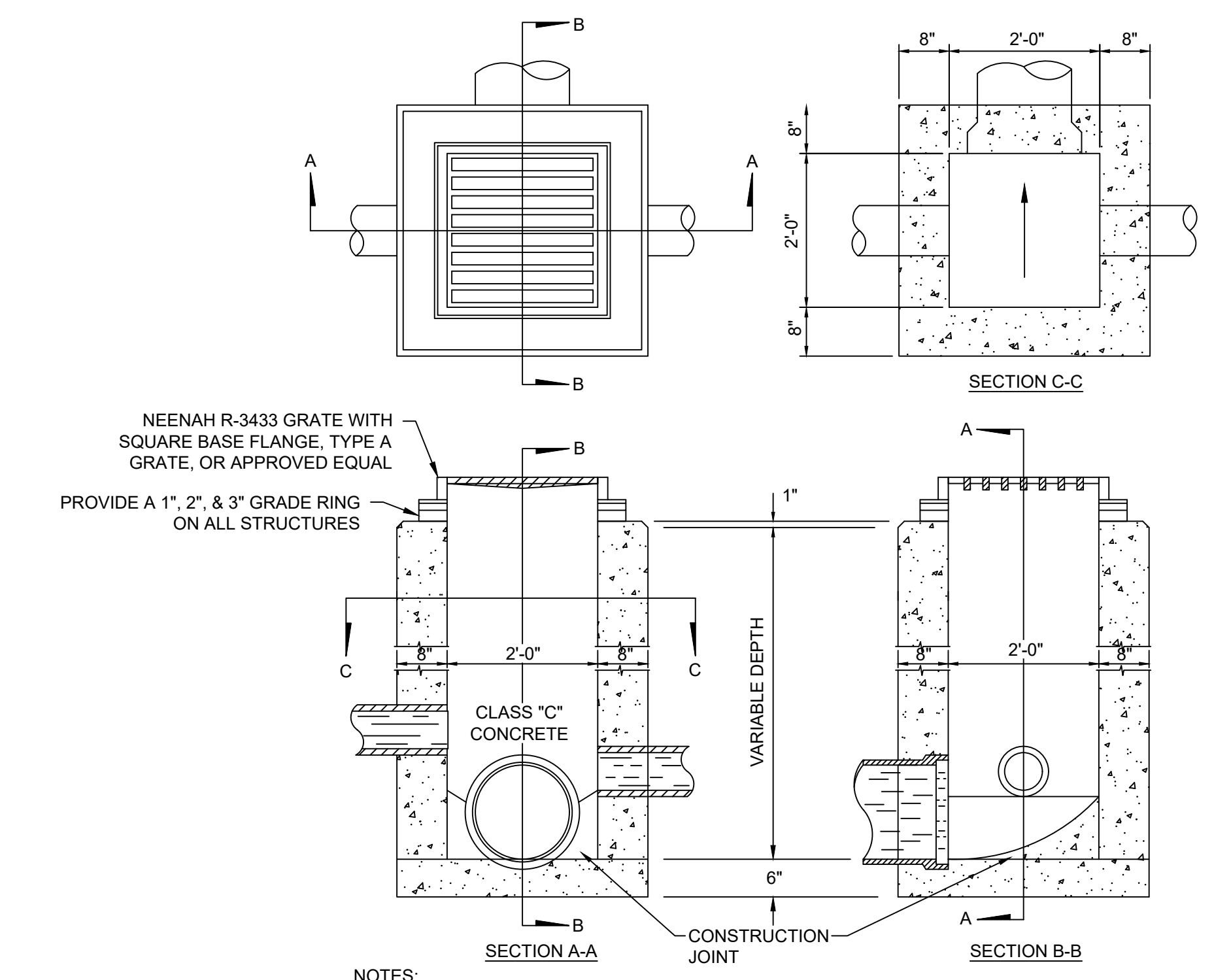
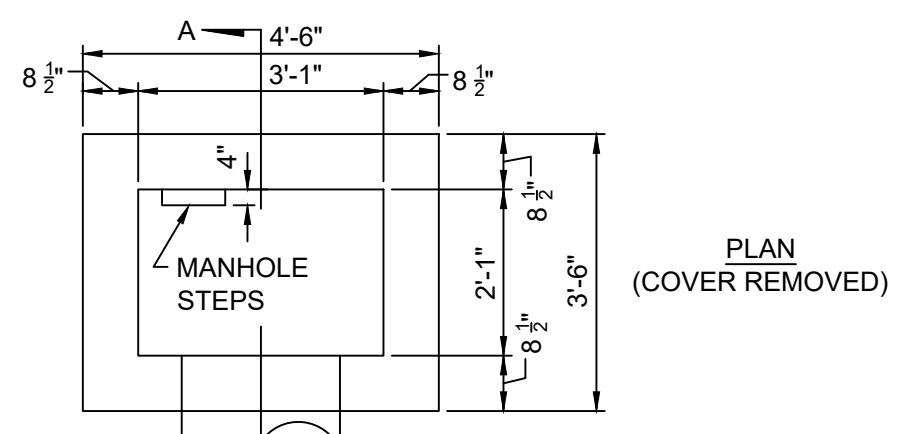
**STORM DETAILS**

DATE: SEPTEMBER 6, 2022

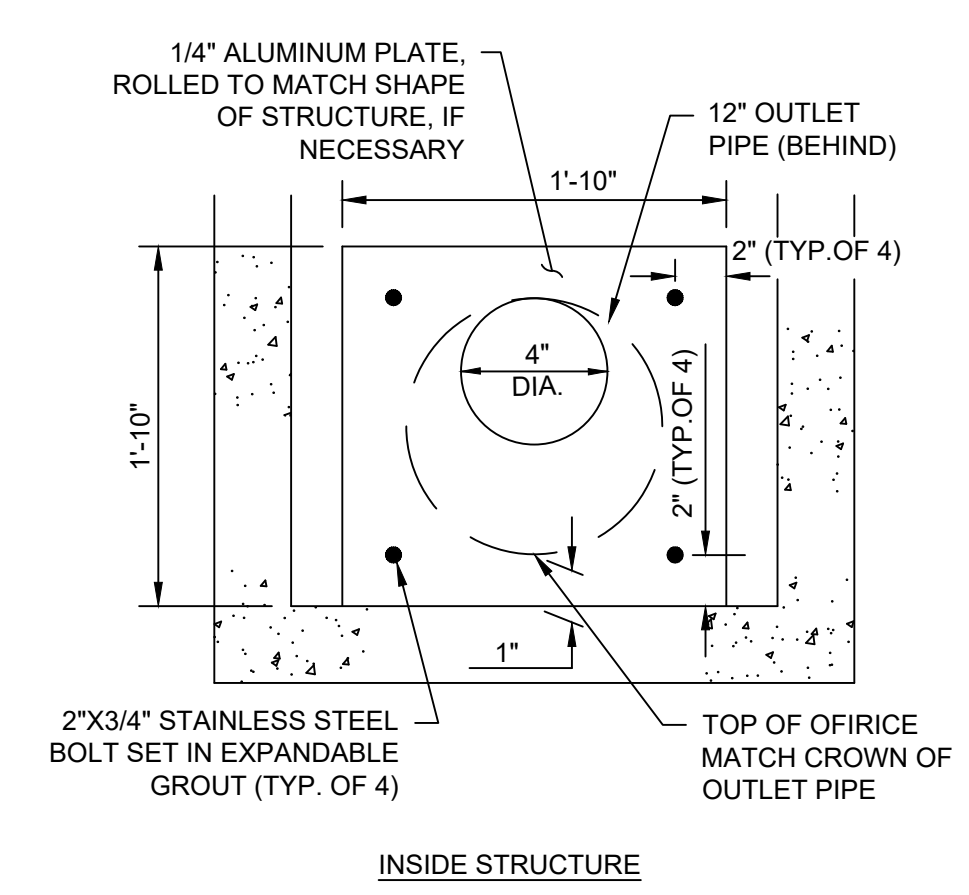
**FINAL DEVELOPMENT PLAN**

**C206**

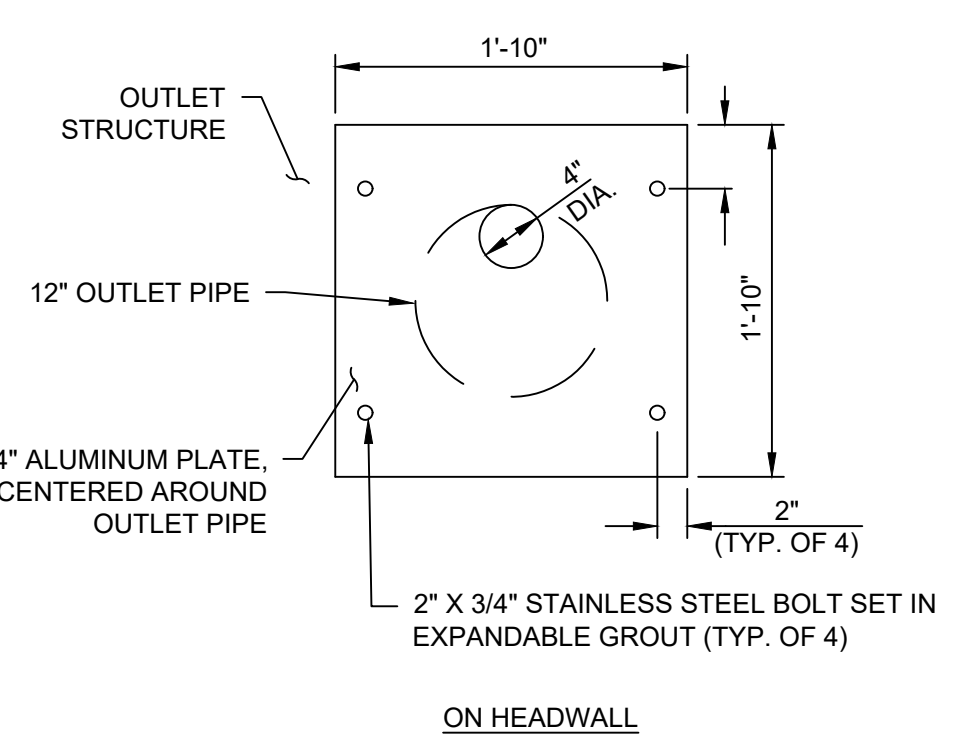
FINAL DEVELOPMENT PLAN



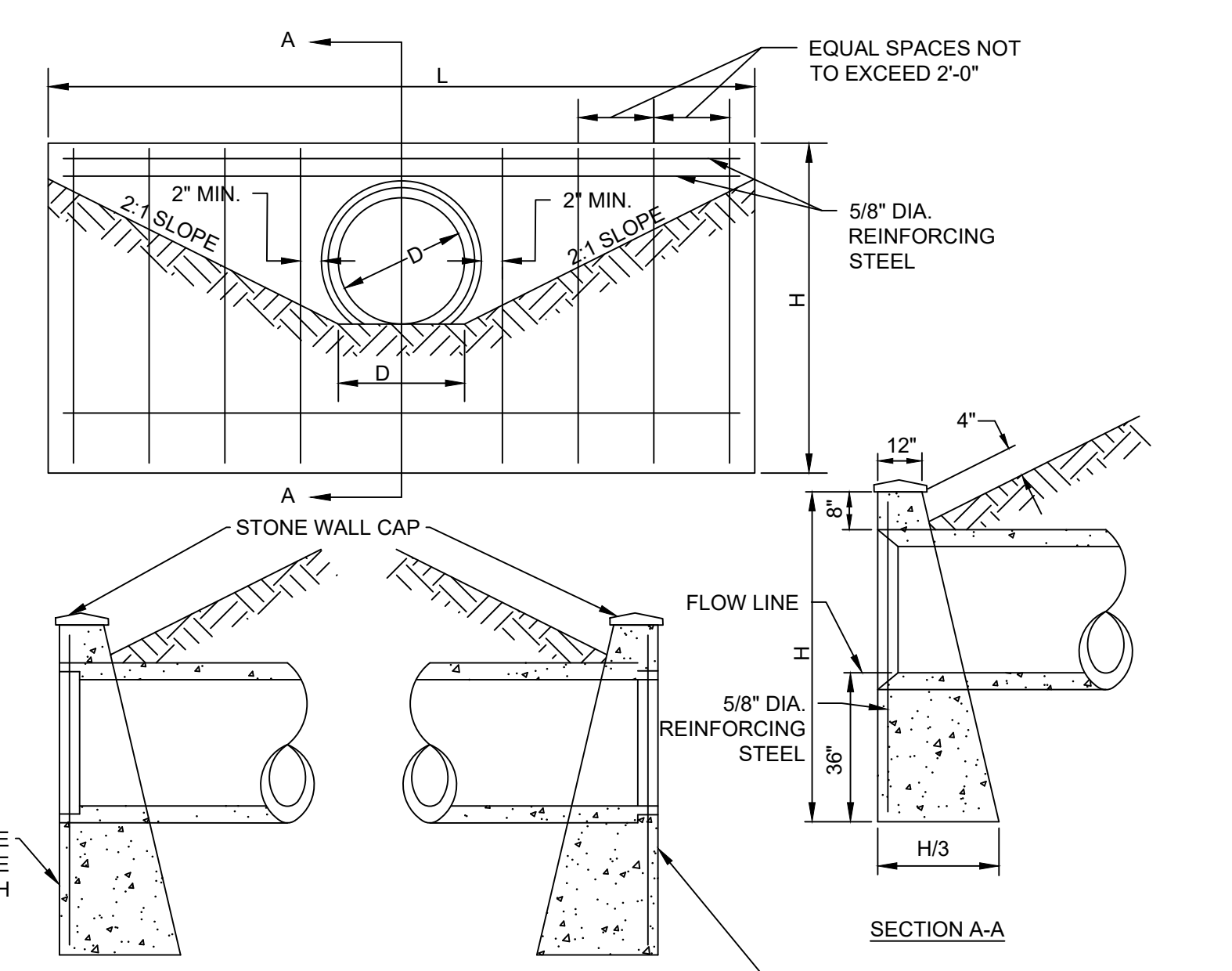
- NOTES:**
- SYNTHETIC FIBER REINFORCEMENT: ASTM C1116-97 AND ASTM C1018-97. ACCEPTABLE PRODUCTS INCLUDE:
    - A. NYCON NYLON FIBERS
    - B. FORTA NYLO-MONO FIBERS
    - C. FIBERMESH FIBERMIX STEALTH POLYPROPYLENE FIBERS
    - D. GRACE POLYPROPYLENE FIBERS
 SYNTHETIC FIBER REINFORCEMENT SHALL BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. DOSAGE RATE SHALL BE AS RECOMMENDED BY THE MANUFACTURER, BUT NOT LESS THAN 1 POUND PER CUBIC YARD.
  - DISSSIPATING CURING COMPOUND: COMPLY WITH ASTM C309-98A, TYPE 1, CLASS B (CLEAR), EXCEPT MOISTURE LOSS NOT TO EXCEED 0.40 KG/M<sup>2</sup> IN 72 HOURS, COMPOUND SHALL COMPLY WITH EPA'S VOC REQUIREMENTS. APPLY AT THE MANUFACTURER'S WRITTEN RECOMMENDED APPLICATION RATE. COMPLETELY REMOVE CURING COMPOUND PRIOR TO APPLICATION OF PENETRATING SEALER.
  - PENETRATING SEALER: ACCEPTABLE PRODUCTS INCLUDE, BUT ARE NOT LIMITED TO:
    - A. L&M CONSTRUCTION CHEMICALS - AQUAPEL PLUS 40
    - B. PROSOSO - SALTGUARD WB
    - C. HULS AMERICA INC. - CHEM-TRETE BSM 40
    - D. MASTER BUILDERS INC. - MASTERSEAL SL 40
    - E. LYMTAL INTERNATIONAL - ISO-FLEX 618-50 WB
    - F. BASF - ENVIROSEAL 40 OR HYDROZO SILANE 40
    - G. TEX-COTE - RAINSTOPPER RS140



- NOTE:**
- INSTALL IN CATCH BASIN NO. 2, ON OUTLET PIPE WALL.



**A DETAIL**  
**CURB & GUTTER INLET** N.T.S.

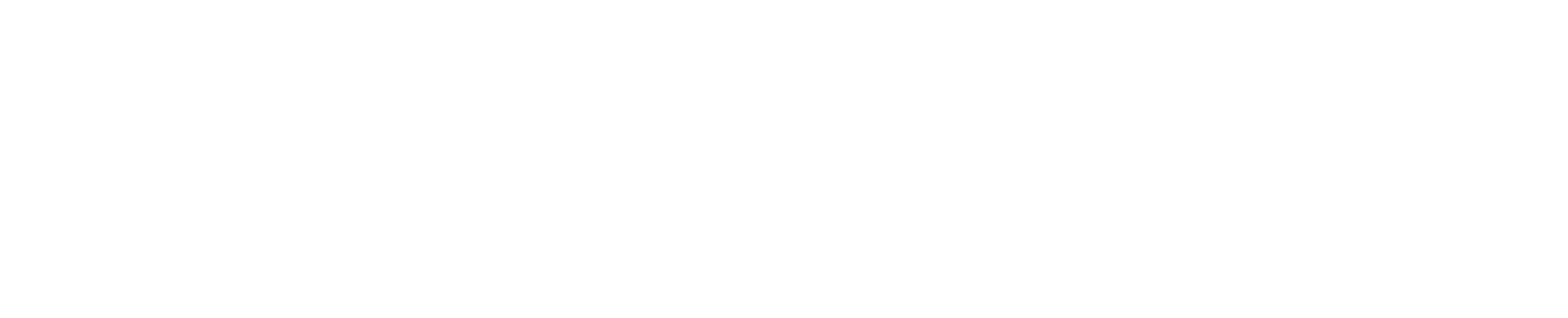


DIAMETER	DIMENSIONS			QUANTITIES	
	H	L	CONCRETE CU. YDS.	REINFORCING STEEL LBS.	
12"	5'-0"	5'-8"	1.4	35	
15"	5'-2"	7'-0"	1.7	41	
18"	5'-5"	8'-4"	2.2	57	
21"	5'-8"	9'-8"	2.8	62	
24"	5'-11"	11'-0"	3.3	69	
30"	6'-5"	13'-8"	4.7	92	
36"	7'-0"	16'-4"	6.5	105	

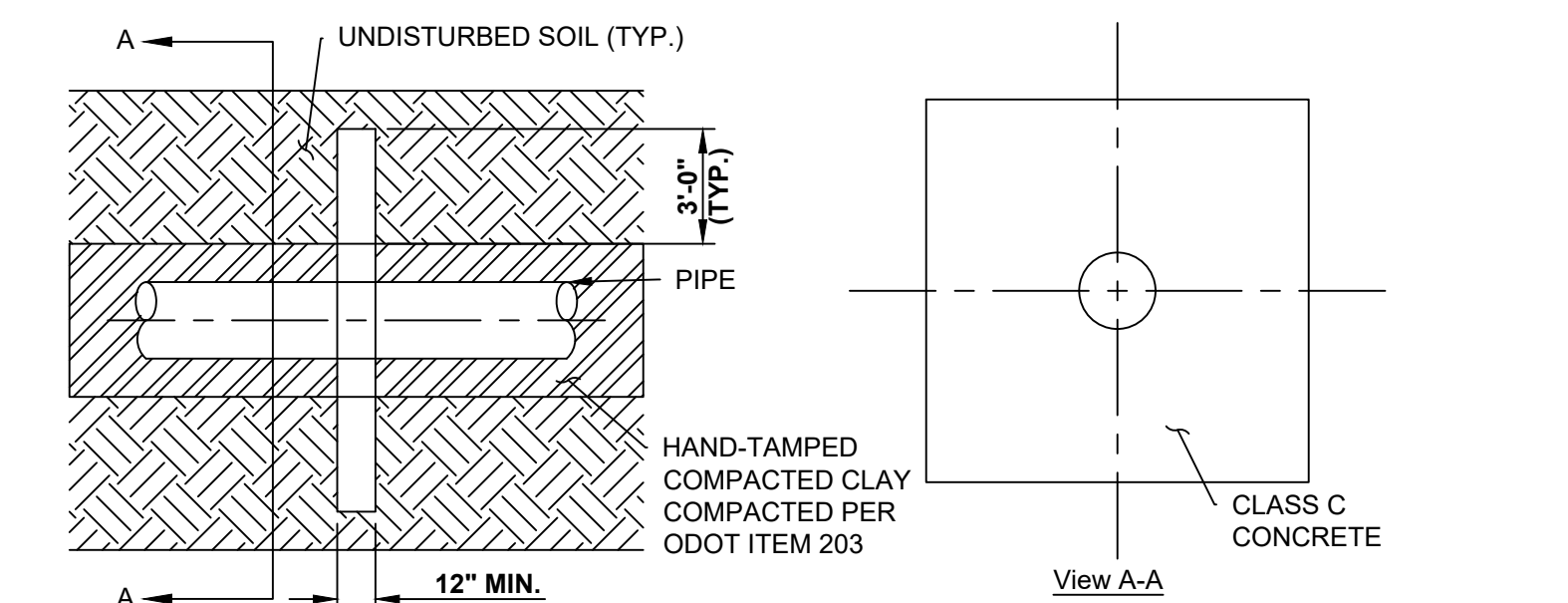
L CIRCULAR SECTIONS = 5D+4T  
H CIRCULAR SECTIONS = D+T+44"  
D = DIAMETER OR PIPE  
T = THICKNESS OF BARREL  
L = LENGTH OF HEADWALL  
H = HEIGHT OF HEADWALL

- END TREATMENT AT HEADWALL CONCRETE SHALL BE CLASS "III".
- IF SLOPES OTHER THAN 2:1 ARE USED, THE LENGTH "L", AND HEIGHT "H" WILL REQUIRE ADJUSTMENT
- EXPOSED WALL TO HAVE STONE FACING PER DUBLIN STD. DWG. ST-01.

**D DETAIL**  
**PIPE CULVERT HEADWALL** N.T.S.

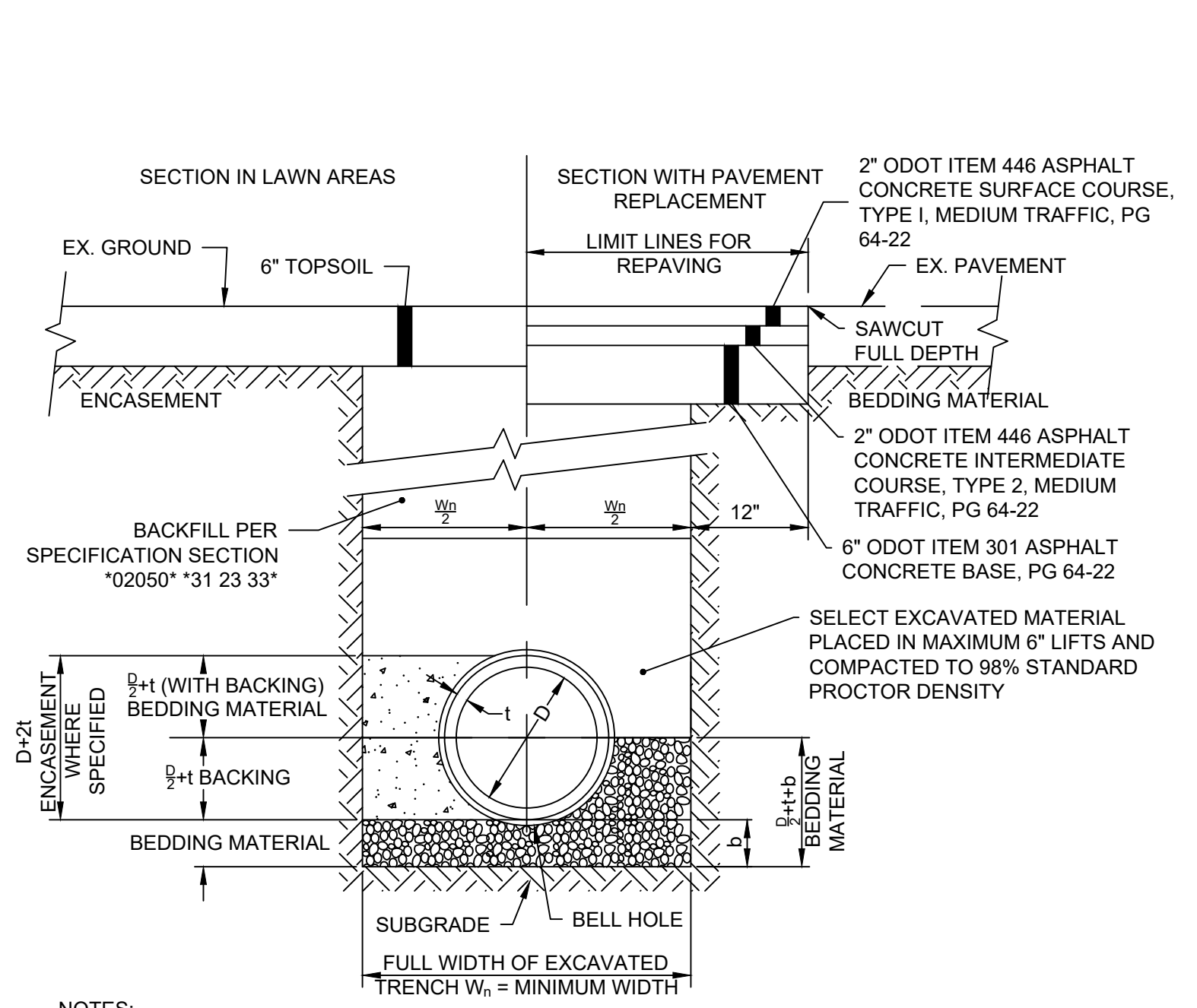


**B DETAIL**  
**CATCH BASIN** N.T.S.



- NOTES:**
- SPACING BETWEEN ADJACENT COLLARS SHALL BE A MINIMUM OF 5 FEET WITH THE FIRST COLLAR BEING A MINIMUM OF 5 FEET FROM THE INLET.
  - FURNISH A MINIMUM OF 2 COLLARS PER OUTLET CONDUIT.
  - ALL ANTI-SEEP COLLARS AND THEIR CONNECTIONS SHALL BE WATERTIGHT.

**E DETAIL**  
**ANTI-SEEP COLLAR** N.T.S.

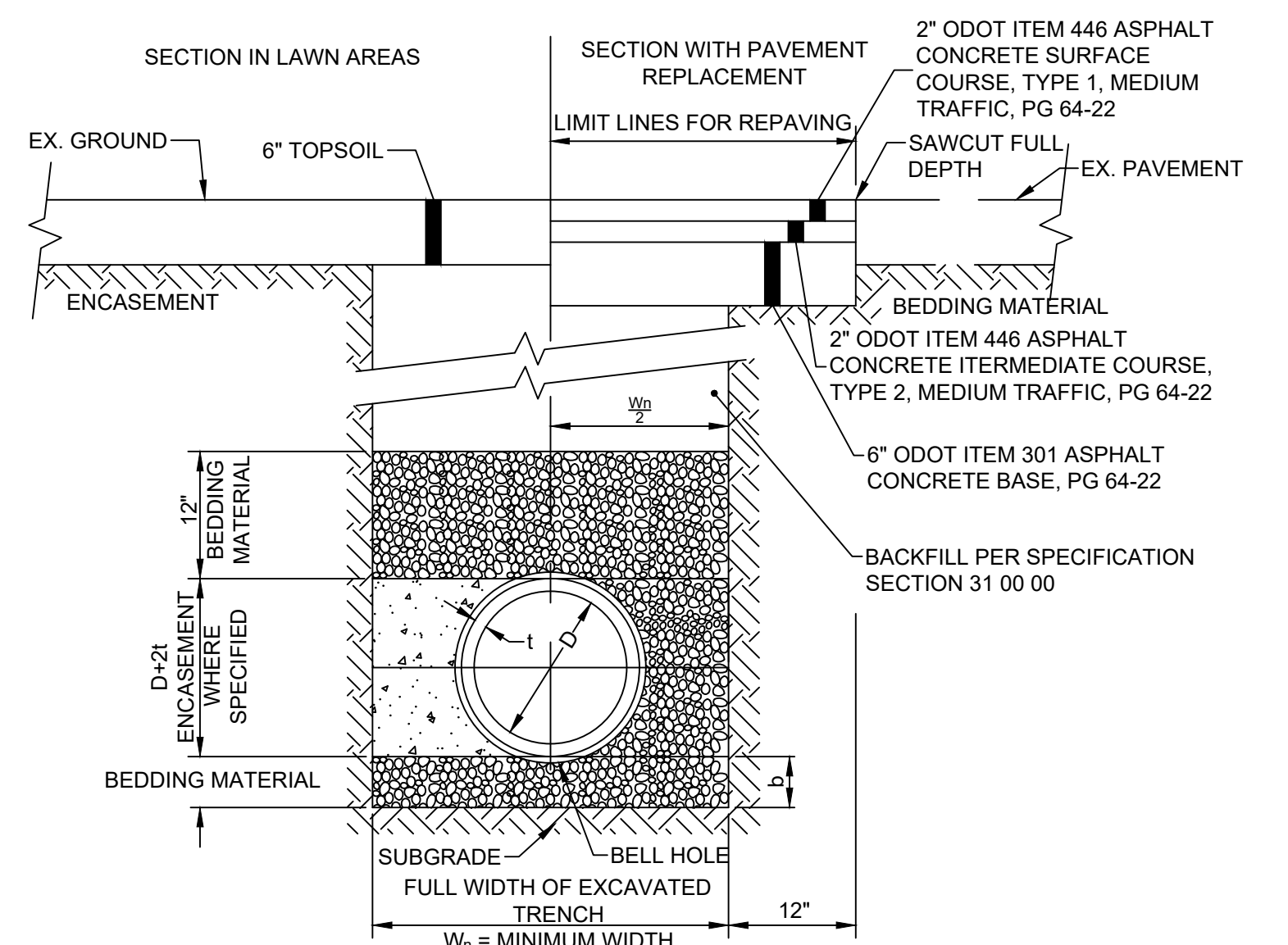


- NOTES:**
- SECTIONS SYMMETRICAL ABOUT I.
  - DIMENSIONS ARE EXPRESSED IN INCHES.
  - BACKING OR ENCASEMENT TO BE ODOT CLASS "OC1" CONCRETE
  - ON SANITARY SEWER CONSTRUCTION TRENCH DAMS ARE REQUIRED AS SPECIFIED UNDER 901
  - PAYMENT FOR CONCRETE BACKING AND ENCASEMENT SHALL BE BASED ON MINIMUM TRENCH WIDTH (W<sub>o</sub>).

SMALL DIAMETERS b = 4"			MID DIAMETERS b = 6"			LARGE DIAMETERS b = 8"		
D*	W <sub>o</sub> *	W <sub>o</sub> *	D*	W <sub>o</sub> *	W <sub>o</sub> *	D*	W <sub>o</sub> *	W <sub>o</sub> *
6	24	48	30	57	67	72	116	134
8	27	48	33	61	71	78	123	141
10	30	48	36	64	74	84	130	148
12	32	48	42	71	81	91	136	155
15	36	50	48	78	88	96	143	162
18	40	53	54	87	95	102	151	169
21	44	57	60	96	102	108	160	176
24	48	60	66	105	127			
27	52	64						

**G DETAIL**  
**TYPE 1 BEDDING FOR RIGID SEWER PIPE & PERMANENT PAVEMENT REPLACEMENT** N.T.S.

**H DETAIL**  
**TYPE 1 BEDDING FOR FLEXIBLE SEWER PIPE & PERMANENT PAVEMENT REPLACEMENT** N.T.S.



- NOTES:**
- SECTIONS SYMMETRICAL ABOUT I.
  - DIMENSIONS ARE EXPRESSED IN INCHES.
  - BACKING OR ENCASEMENT TO BE ODOT CLASS "OC1" CONCRETE
  - ON SANITARY SEWER CONSTRUCTION TRENCH DAMS ARE REQUIRED AS SPECIFIED UNDER 901
  - PAYMENT FOR CONCRETE BACKING AND ENCASEMENT SHALL BE BASED ON MINIMUM TRENCH WIDTH (W<sub>o</sub>).

SMALL DIAMETERS b = 4"			MID DIAMETERS b = 6"		
D*	W <sub>o</sub> *	W <sub>o</sub> *	D*	W <sub>o</sub> *	W <sub>o</sub> *
6	24	48	30	57	67
8	27	48	33	61	71
10	30	48	36	64	74
12	32	48	42	71	81
15	36	50	48	78	88
18	40	53	54	87	95
21	44	57	60	96	102
24	48	60	66	105	127
27	52	64			

**F DETAIL**  
**PAVEMENT UNDERDRAIN** N.T.S.



- NOTE:**
- PROVIDE 10" FINGER DRAINS FOR ALL PROPOSED CATCH BASINS LOCATED WITHIN PAVEMENT.

























**EROSION AND SEDIMENT CONTROL NARRATIVE**

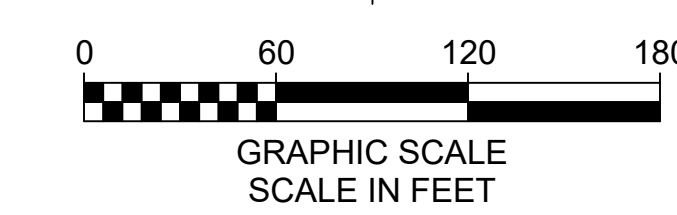
**PLAN DESIGNER:** KORDA/NEMETH ENGINEERING INC. 1650 WATERMARK DRIVE, SUITE 200 COLUMBUS, OHIO 43215 PHONE: (614) 487-1650 FAX: (614) 487-8981  
**OWNER:** NAME: MCKITTRICK PROPERTIES INC. ADDRESS: 6724 PERIMETER LP RD STE PHONE: EMAIL:  
**EXISTING SITE CONDITIONS:** THE SITE CONSISTS OF AN EXISTING GRAVEL PARKING LOT.  
**PROJECT DESCRIPTION:** THE PROJECT WILL CONSTRUCT A NEW HEALTH CAMPUS INCLUDING A NEW HOSPITAL AND ATTACHED MOB BUILDING. THE SITE WILL CONSIST OF 4 PARKING LOTS, A LOADING DOCK SPACE, 4 DROP OFF LOCATIONS, A NEW STORM SEWER SYSTEM, AND SITE UTILITIES.  
**DISTURBED AREA:** 35 ACRES  
**SITE DRAINS TO:** SITE GENERALLY DRAINS TO A CITY OF COLUMBUS MUNICIPAL STORM SEWER WHICH EVENTUALLY DISCHARGES TO THE SCIOTO RIVER.  
**SITE BMPs:** LOCATIONS OF SITE BMPs, INCLUDING DUMPSTERS, VEHICLE FUELING AREAS, CONCRETE TRUCK WASH, MATERIAL STORAGE, AND TOPSOIL STOCKPILES SHALL BE DETERMINED BY CONTRACTOR, IF FINAL LOCATION OF BMPs DIFFER FROM THE LOCATIONS SHOWN, CONTRACTOR SHALL MODIFY SWPPP AND INFORM OHIO EPA OF NEW LOCATION OF BMPs. NO POST-CONSTRUCTION BMPs WILL BE NECESSARY.  
**ADJACENT AREAS:** THE SITE IS BOUNDED BY BRIGHT RD TO THE NORTH, I270 TO THE SOUTH, EMERALD PKWY TO THE WEST, AND SAWMILL RD TO THE EAST.  
**SOILS:** ACCORDING TO SOIL SURVEY RECORDS, THE SOIL TYPES ON THE SITE ARE CELINA SILT LOAM (Cb1) WHICH IS HYDROLOGIC SOIL GROUP C/D, CROSBY SILT LOAM (CrA) WHICH IS HYDROLOGICAL SOIL GROUP C/D, CROSBY SILT LOAM (Cb) WHICH IS HYDROLOGICAL SOIL GROUP C/D, KOKOMO SILTY CLAY LOAM (Kc) WHICH IS HYDROLOGICAL SOIL GROUP C/D, AND UDORTENTS-URBAN LAND COMPLEX  
**EROSION AND SEDIMENT CONTROL MEASURES:** PROVIDE SILT FENCE AT CRITICAL AREAS AS SHOWN ABOVE. ANY NEW OR EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL. PROVIDE INLET PROTECTION AT EXISTING AND PROPOSED DRAINAGE STRUCTURES. ANY OFFSITE BORROW OR SPOIL AREAS SHALL BE SUBJECT TO THE REQUIREMENTS SET FORTH BY THE OHIO EPA. ALL EROSION AND SEDIMENT CONTROL MEASURES FOR OFFSITE AREAS NOT COVERED BY A SEPARATE NOI OR SWPP SHALL BE COORDINATED WITH THE OHIO EPA. TRENCH GROUNDWATER CONTAINING SEDIMENT MUST BE EFFECTIVELY TREATED PRIOR TO DISCHARGE INTO THE STORM SEWER SYSTEM. USE MEANS NECESSARY TO CONTROL DUST ONSITE AND PREVENT TRACKING SOIL OFFSITE.  
**JURISDICTION:** EROSION AND SEDIMENT CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATION AT THE DISCRETION OF THE CITY OF COLUMBUS AND/OR THE OHIO EPA.  
**OEPA NOI NUMBER:** 4GC08539\*AG

**EROSION AND SEDIMENT CONTROL LEGEND**

**EXISTING**  
 REFER TO SHEET TS1

**PROPOSED**

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- BUILDING WALL
- STORM SEWER
- CATCH BASIN
- CURB & GUTTER INLET
- CURB INLET
- CURB INLET BOX
- MANHOLE
- DOWNSPOUT ADAPTER
- GRADING/SEEDING LIMITS
- EMERGENCY OVERFLOW
- SILT FENCE PER DETAIL E/C219
- INLET FILTER PER DETAIL D/C219
- EROSION CONTROL MATTING PER DETAIL F/C219
- STABILIZED CONSTRUCTION ENTRANCE PER DETAIL B/C219
- CONCRETE WASHOUT PER DETAIL C/C219



**Coded Notes**

1. Provide a temporary sediment basin. See Detail A&B/9.

**GENERAL NOTES:**

1. A COPY OF THE SWPPP PLAN AND THE APPROVED EPA STORMWATER PERMIT (WITH THE SITE-SPECIFIC NOI NUMBER) SHALL BE KEPT ONSITE AT ALL TIMES.
2. PROVIDE INLET SEDIMENT FILTER PER DETAIL D/C219 AT ALL EXISTING AND PROPOSED STORM INLET STRUCTURES RECEIVING FLOW FROM DISTURBED AREAS.
3. ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.
4. SOIL EROSION AND BMP MEASURES SHALL BE INSTALLED PRIOR TO START OF ANY CONSTRUCTION AND SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. BMP MEASURES SHALL BE TO THE SATISFACTION OF THE OHIO EPA. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND MODIFYING BMPs AND SWPPP AS NECESSARY DUE TO CONSTRUCTION PHASING AS THE PROJECT ADVANCES TO SATISFY THE OHIO EPA TO COMPLY WITH OHIO EPA PERMIT NO. OHC000005 "GENERAL PERMIT AUTHORIZATION FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM".
5. EROSION AND SEDIMENTATION CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATION AT THE DISCRETION OF THE CITY OF DUBLIN AND/OR THE OHIO EPA.
6. UNDER NORMAL CIRCUMSTANCES, NO OVERLAND DISCHARGE SHALL BE ALLOWED FROM SEDIMENT BASIN. STREET CLEANING (ON AN AS-NEEDED BASIS) IS REQUIRED THROUGH THE DURATION OF THIS CONSTRUCTION PROJECT. THIS INCLUDES SWEEPING, POWER CLEANING, AND (IF NECESSARY) MANUAL REMOVAL OF DIRT OR MUD IN THE STREET GUTTERS. AT A MINIMUM CLEAN AT THE END OF EACH WORK DAY.
7. DIRECT DISCHARGE OF SEDIMENT LADEN WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION OF OHIO EPA AND CITY OF COLUMBUS REGULATIONS. THE CONTRACTOR WILL BE HELD LIABLE FOR THE VIOLATION AND SUBSEQUENT FINES.
8. REFER TO SHEET C219 FOR WATER QUALITY POST-CONSTRUCTION INSPECTION & MAINTENANCE SCHEDULE AND POST-CONSTRUCTION POND MAINTENANCE SCHEDULE.



HGA

333 East Erie Street  
Milwaukee, Wisconsin 53202  
Telephone 414.278.8200

KORDA

KORDA, NEMETH ENGINEERING  
CIVIL/MECHANICAL/ELECTRICAL/  
PLUMBING/STRUCTURAL/  
TECHNOLOGY ENGINEER

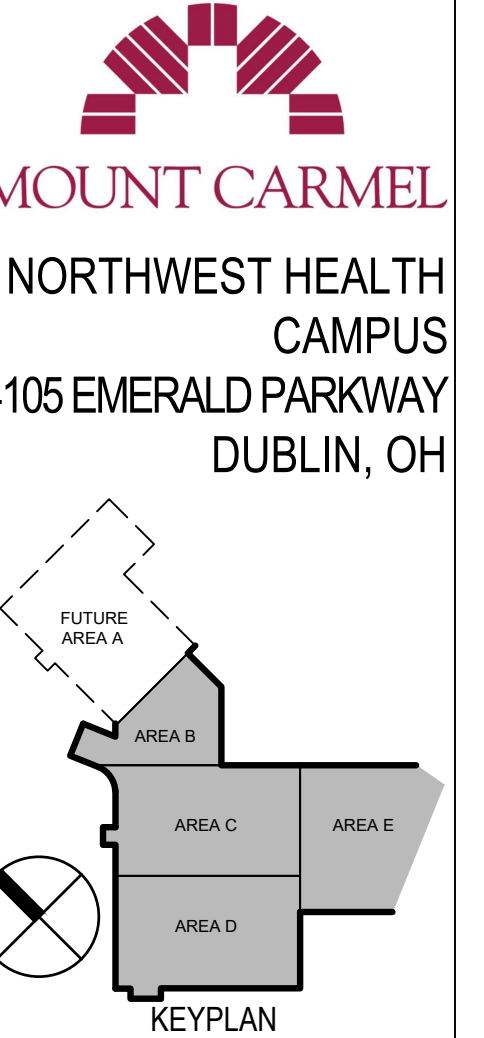
KORDA  
1650 WATERMARK DRIVE  
COLUMBUS, OH 43215  
614.487.1650

MKSK

LANDSCAPE ARCHITECT

MKSK  
462 SOUTH LUDLOW ALLEY  
COLUMBUS, OH 43215  
614.621.2796

MOUNT CARMEL  
HEALTH  
SYSTEM

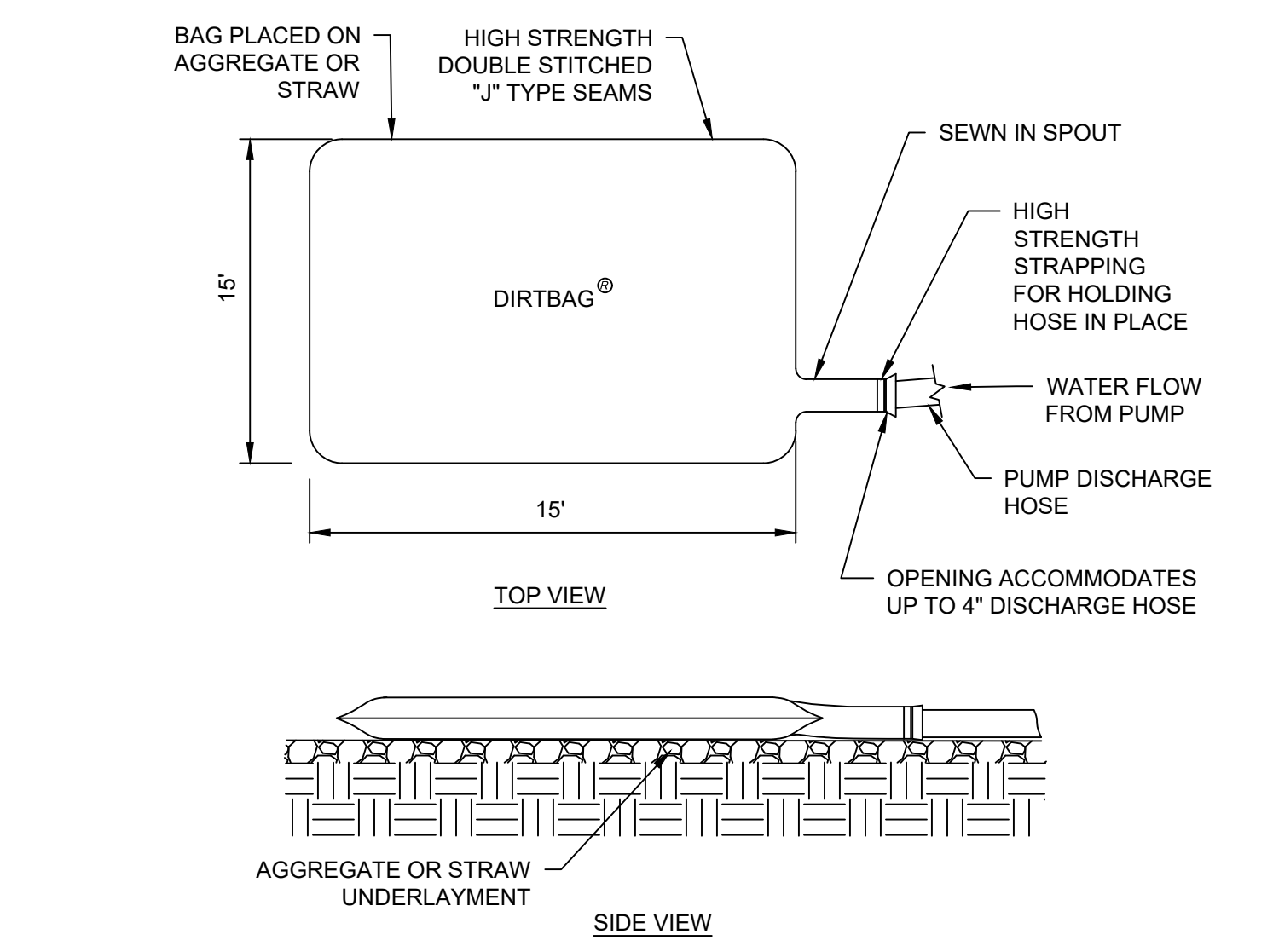


NOT FOR  
CONSTRUCTION

NO	DESCRIPTION	DATE

HGA NO: 1927-004-00  
**SEDIMENT & EROSION CONTROL PLAN**  
 DATE: SEPTEMBER 6, 2022  
**FINAL DEVELOPMENT PLAN**  
 C218

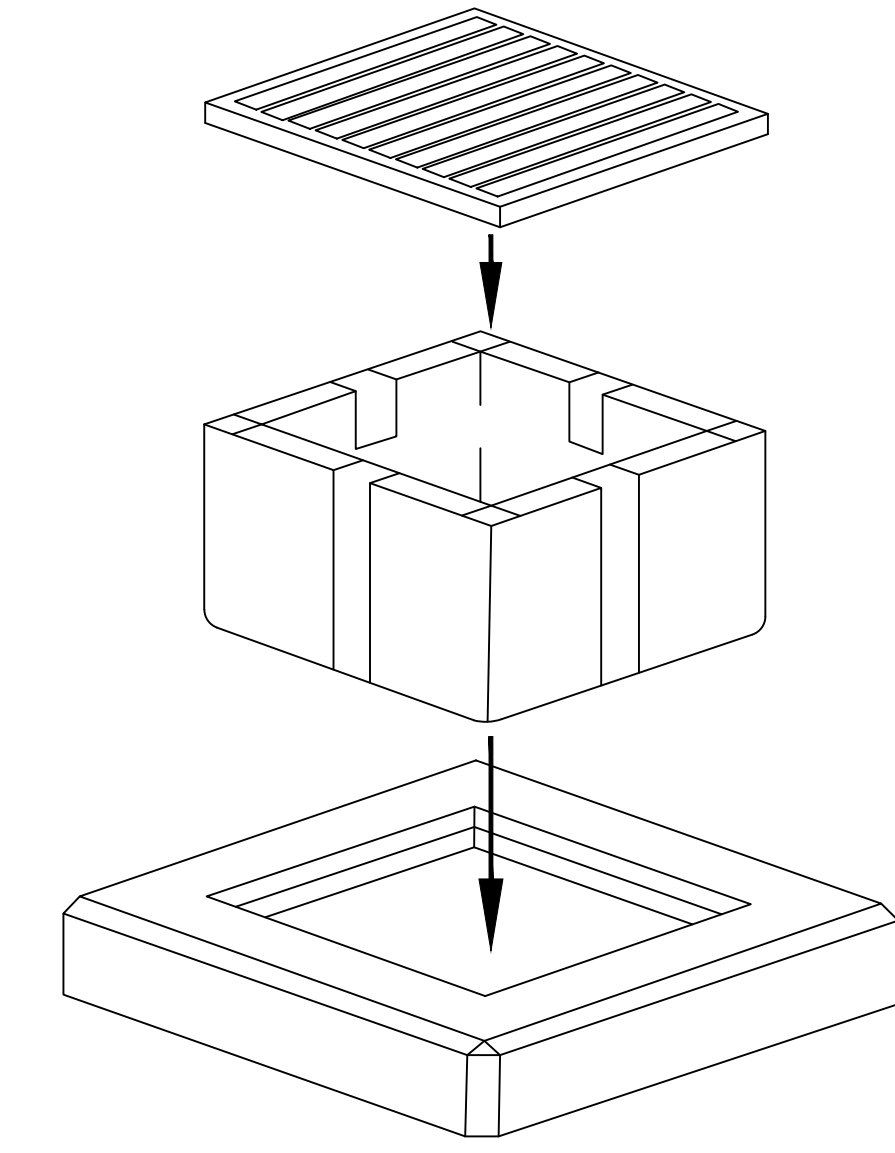
FINAL DEVELOPMENT PLAN



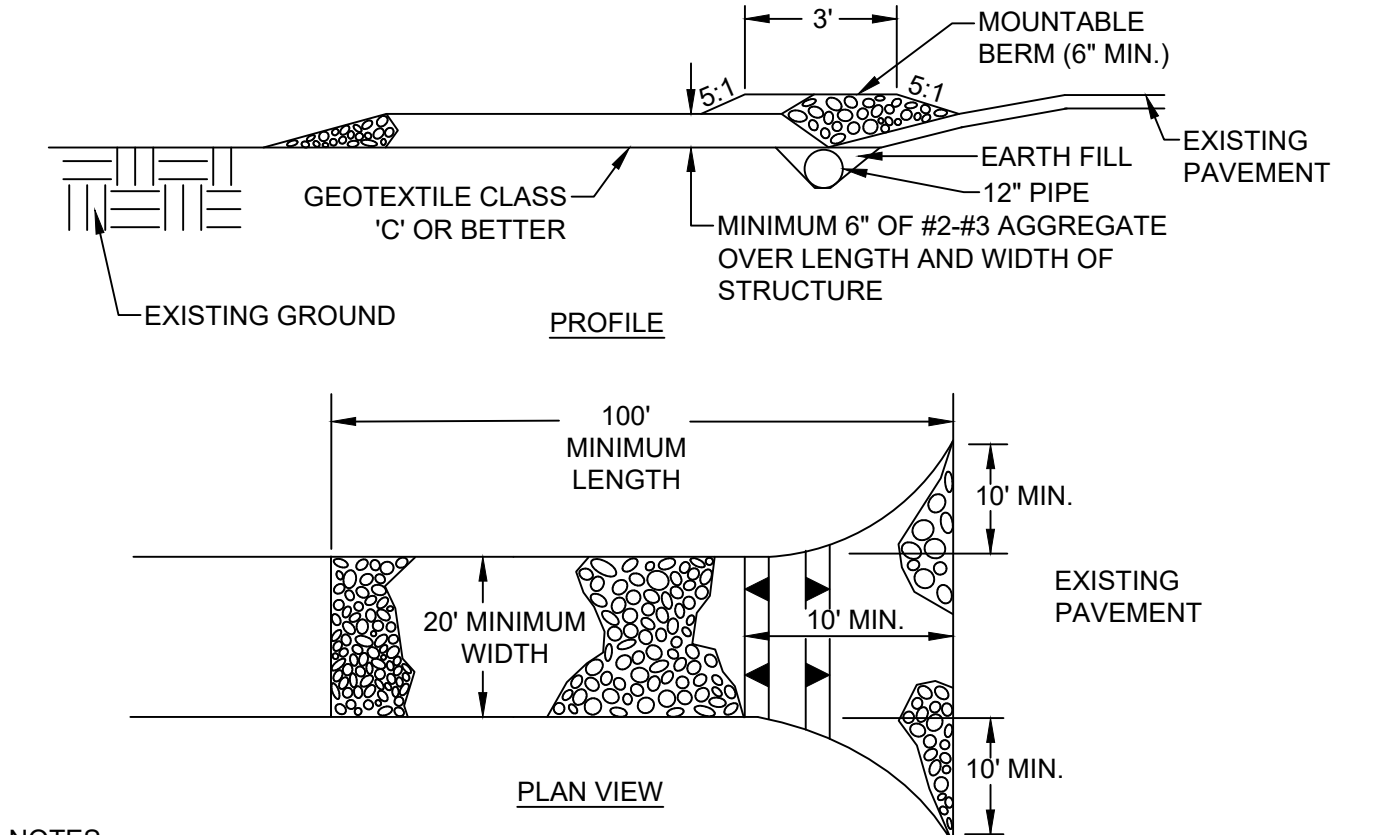
- NOTES:**
1. THE PUMPING OR DIRECT DISCHARGE OF SEDIMENT-LADEN (MUDDY) WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION OF OHIO EPA AND CITY OF COLUMBUS REGULATIONS.
  2. ALL INLETS RECEIVING FLOW FROM RUNOFF, PUMPING ACTIVITIES, OR OTHER DIRECT DISCHARGES SHALL BE FITTED WITH AN INLET PROTECTION DEVICE THAT IS PROPERLY SIZED AND SECURED TO REDUCE THE DISCHARGE OF SEDIMENT INTO THE STORM SEWER AND RECEIVING STREAM. INLET PROTECTION IS REQUIRED ON ALL INLETS RECEIVING DISCHARGE REGARDLESS OF WHETHER OR NOT THE INLET IS TRIBUTARY TO ANY DOWNSTREAM EROSION AND SEDIMENT CONTROLS.
  3. DISCHARGE HOSES USED DURING PUMPING ACTIVITIES SHALL BE FITTED WITH SEDIMENT BAGS THAT ARE PROPERLY SIZED PER MANUFACTURER'S RECOMMENDATIONS REGARDLESS OF WHAT OTHER SEDIMENT CONTROLS ARE IN PLACE FURTHER DOWNSTREAM. SEDIMENT BAGS MUST BE PROPERLY SECURED TO THE DISCHARGE HOSE AND PLACED OVER VEGETATED AREAS, WHERE FEASIBLE, DURING DISCHARGE. SEE DETAIL ABOVE OF A TYPICAL SEDIMENT BAG INSTALLATION.

**A DETAIL DEWATERING BAG**

N.T.S.



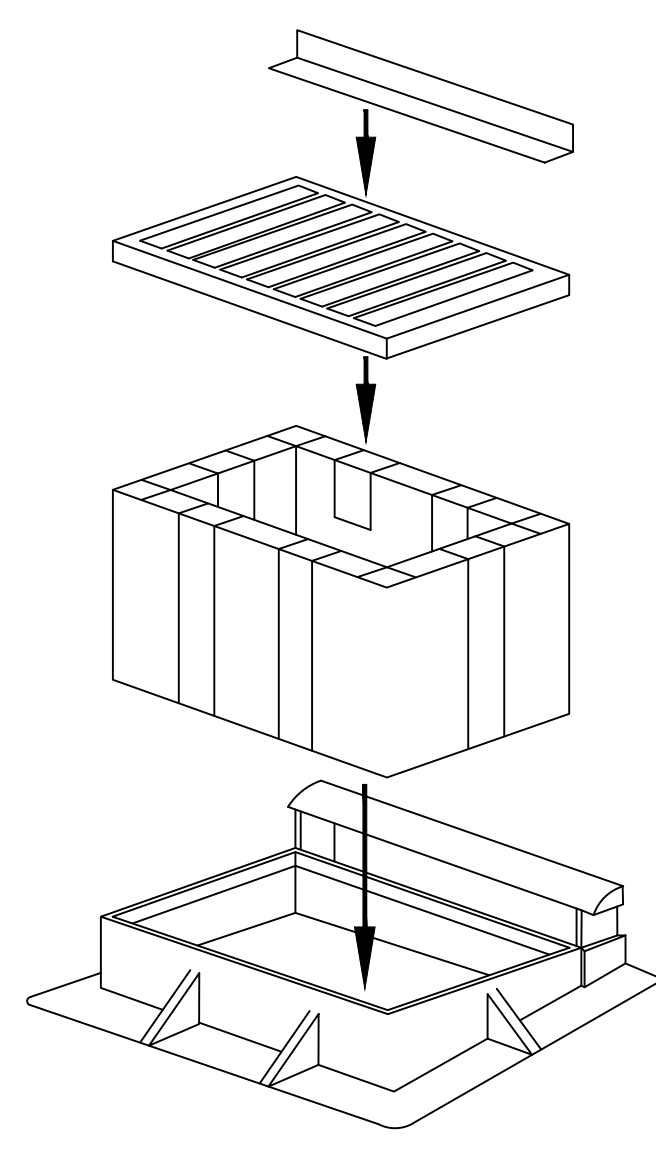
- INSTALLATION:**
1. REMOVE GRATE.
  2. INSTALL BAG (RESTS ON LIP OF CASTING).
  3. REINSTALL GRATE.
- MAINTENANCE:**
1. REMOVE GRATE.
  2. BAG CAN BE CLEANED SEVERAL WAYS:  
A) PICK UP BAG AND DUMP IT  
B) SHOVELING DEBRIS OUT OF BAG  
C) VAC-UNIT
  3. SHAKE LOOSE DEBRIS OUT OF BAG OR RINSE WITH WATER.
  4. REINSTALL BAG.
  5. REINSTALL GRATE.



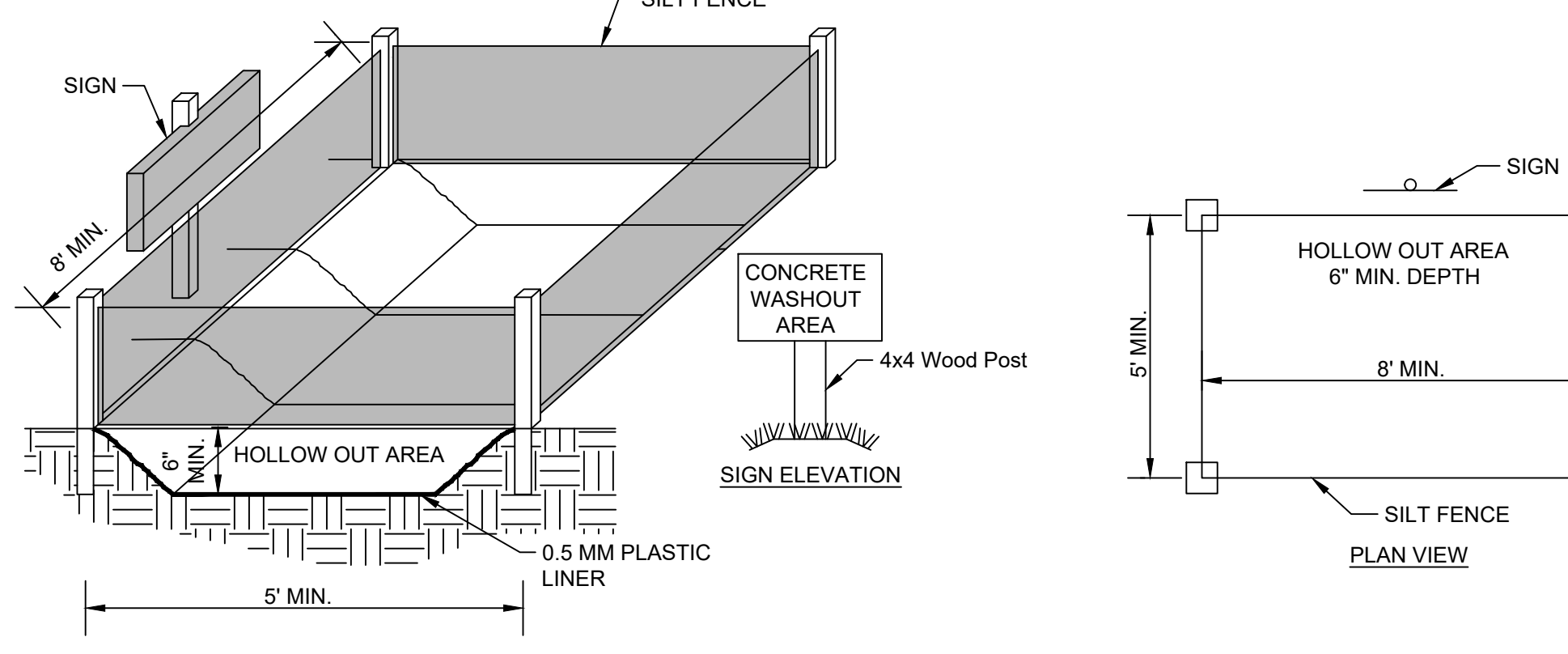
- NOTES:**
1. LENGTH - MINIMUM OF 100'
  2. WIDTH - 20' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
  3. GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE.
  4. STONE - CRUSHED AGGREGATE (#2 TO #3) OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT SHALL BE PLACED AT LEAST 6" DEEP OVER THE LENGTH AND WIDTH OF THE ENTRANCE.
  5. SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 6" OF STONE OVER THE PIPE.
  6. LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE.
  7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
  8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
  9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

**B DETAIL STABILIZED CONSTRUCTION ENTRANCE**

N.T.S.



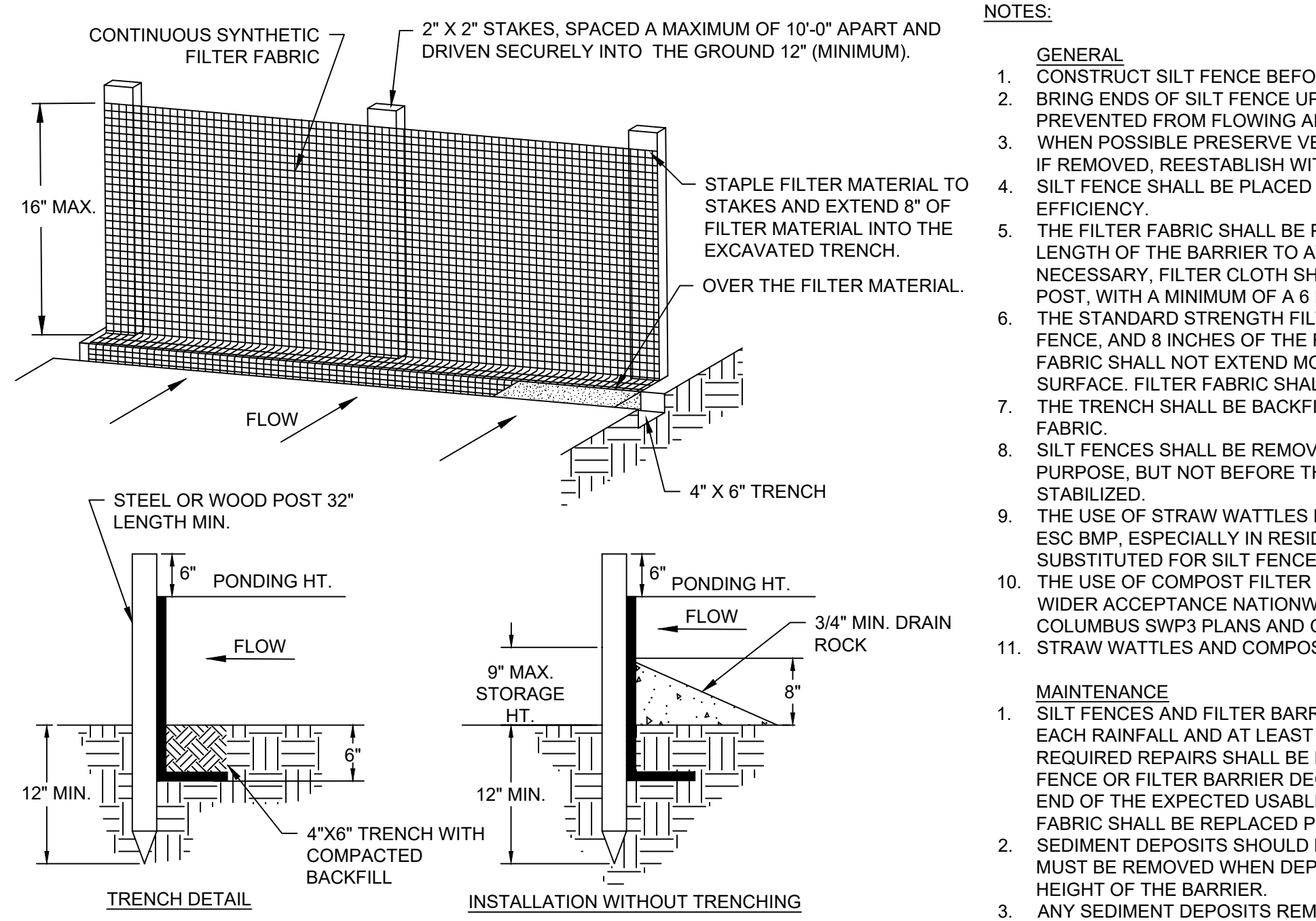
- INSTALLATION:**
1. REMOVE GRATE.
  2. INSTALL BAG (RESTS ON LIP OF CASTING).
  3. REINSTALL GRATE.
  4. INSTALL BONNET GUARD WITH TABS BETWEEN GRATE & BONNET CASTING.
- MAINTENANCE:**
1. REMOVE THE BONNET GUARD.
  2. REMOVE GRATE.
  3. BAG CAN BE CLEANED SEVERAL WAYS:  
A) PICK UP BAG AND DUMP IT  
B) SHOVELING DEBRIS OUT OF BAG  
C) VAC-UNIT
  4. SHAKE LOOSE DEBRIS OUT OF BAG OR RINSE WITH WATER.
  5. REINSTALL BAG.
  6. REINSTALL GRATE.
  7. REINSTALL BONNET GUARD.



- NOTES:**
1. CONCRETE TRUCKS SHALL UTILIZE AREAS TO WASHOUT TRUCKS.
  2. ACCUMULATED CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED PROPERLY.
  3. PLACE PLASTIC LINER OVER THE ENTIRE HOLLOW OUT AREA PRIOR TO USE.
  4. PROVIDE ITEMS NOTED ABOVE INCLUDING REMOVAL OF CONCRETE WASHOUT UPON COMPLETION OF THE PROJECT AS NOTED IN THE BID PRICE FOR THE PROJECT.
  5. FILL HOLLOW AREA TO A DEPTH OF 4 TO 6 INCHES WITH CMSC ITEM 703 AGGREGATE, SIZE #57, #2, OR #4.
  6. USE OF ROLL AWAY OR OTHER PORTABLE CONTAINERS IS AN ACCEPTABLE ALTERNATIVE (AND HIGHLY ENCOURAGED) PROVIDED THEY ARE USED IN ACCORDANCE WITH NPDES GUIDELINES ON CONCRETE WASHOUT.

**C DETAIL CONCRETE TRUCK WASHOUT AREA**

N.T.S.



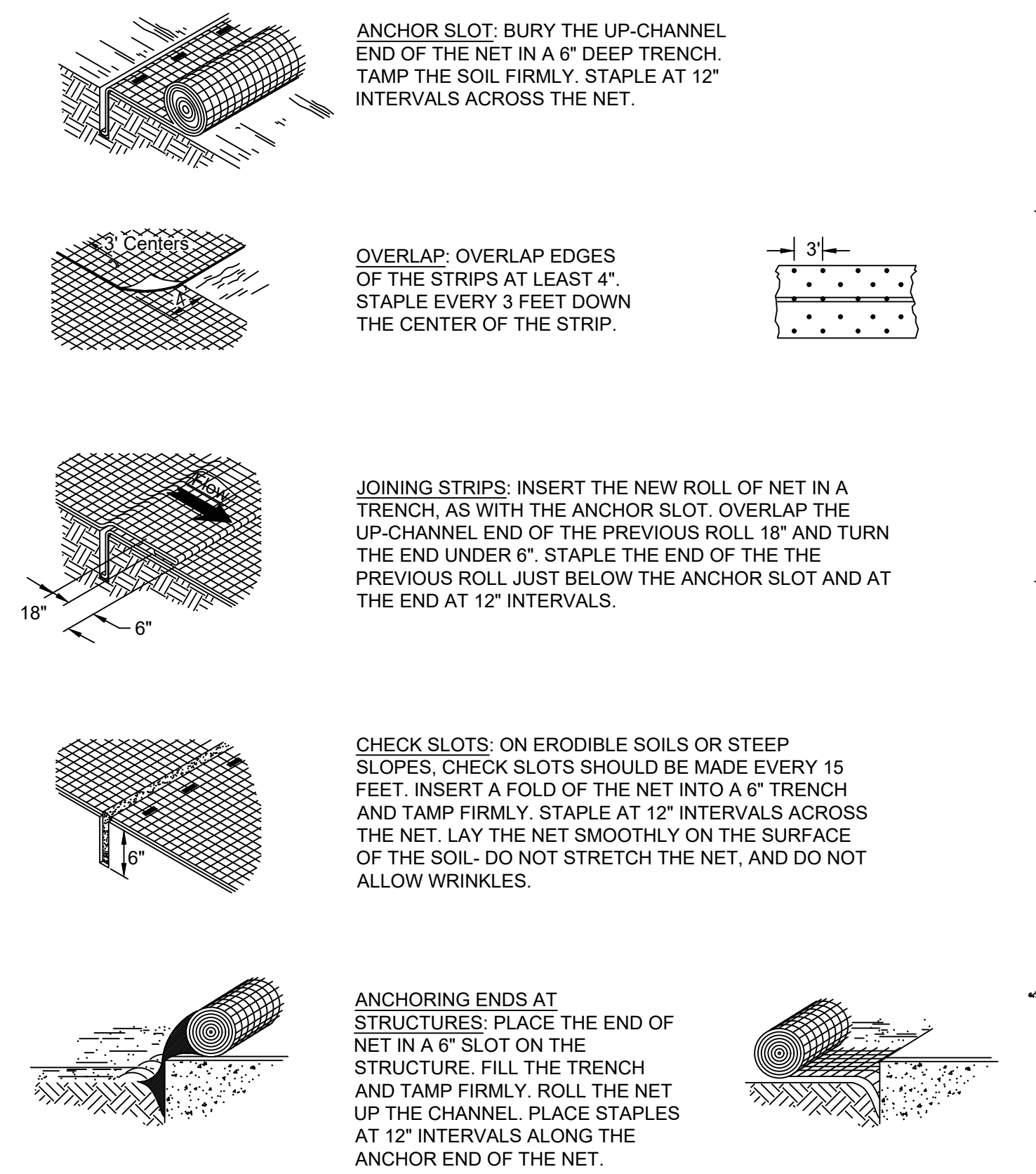
- NOTES:**
- GENERAL**
1. CONSTRUCT SILT FENCE BEFORE UPSLOPE DISTURBANCE BEGINS.
  2. BRING ENDS OF SILT FENCE UPSLOPE SLIGHTLY SO THAT PONDING WATER WILL BE PREVENTED FROM FLOWING AROUND ENDS.
  3. WHEN POSSIBLE PRESERVE VEGETATION 5 FEET UP UPSLOPE OF THE SILT FENCE. IF REMOVED, REESTABLISH WITHIN 7 DAYS FROM INSTALLATION OF FENCE.
  4. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
  5. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER FABRIC SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM OF A 6 INCH OVERLAP AND SECURELY SEALED.
  6. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
  7. THE TRENCH SHALL BE BACKFILLED AND SOIL COMPACTED OVER THE FILTER FABRIC.
  8. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
  9. THE USE OF STRAW WATTLES HAS PROVEN TO BE A VERSATILE AND EFFECTIVE ESC BMP, ESPECIALLY IN RESIDENTIAL SETTINGS. STRAW WATTLES MAY BE SUBSTITUTED FOR SILT FENCE.
  10. THE USE OF COMPOST FILTER SOCKS AND COMPOST BLANKETS ARE GAINING WIDER ACCEPTANCE NATIONWIDE. THEY ARE NOW APPROVED FOR USE ON ALL COLUMBUS SWPFS PLANS AND CONSTRUCTION SITES.
  11. STRAW WATTLES AND COMPOST ROLLS TO BE A MINIMUM OF 12" IN DIAMETER.
- MAINTENANCE**
1. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
  2. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
  3. ANY SEDIMENT DEPOSITS REMAINING AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEED.

**E DETAIL SILT FENCE**

N.T.S.

**D DETAIL INLET FILTER (BELOW GRATE INLET PROTECTION)**

N.T.S.



**F DETAIL INSTALLATION AND ORIENTATION OF NETTING AND MATTING**

N.T.S.

BURIED DETENTION/WATER QUANTITY POST-CONSTRUCTION INSPECTION & MAINTENANCE SCHEDULE		
OWNER'S RESPONSIBILITY		
UNDERGROUND DETENTION SYSTEMS NATURALLY COLLECT SEDIMENT, INCLUDING GRAVEL, SAND, AND MUD, AS WELL AS OTHER DEBRIS, SUCH AS LITTER, TO MAINTAIN ITS CAPACITY AND FUNCTION. THE UNDERGROUND DETENTION SYSTEM SHOULD BE KEPT FREE OF EXCESSIVE DEBRIS, LITTER, AND SEDIMENT. THE UNDERGROUND DETENTION SYSTEM SHOULD BE INSPECTED BIANNUALLY (BY VISUAL OR CAMERA INSPECTION) FOR THE FIRST YEAR AND THEN ANNUALLY FOR SUBSEQUENT YEARS TO ENSURE THE SYSTEM IS FREE OF SEDIMENT AND DEBRIS. IF FIRST YEAR INSPECTIONS INDICATE HIGH LEVELS OF SEDIMENT ACCUMULATION (REQUIRING MORE THAN ONE REMOVAL OF SEDIMENT/DEBRIS BY JET/VAC PROCESS IN THE FIRST YEAR), THE FREQUENCY OF INSPECTION SHOULD BE MODIFIED TO BE BI-ANNUAL UNTIL LOWER LEVELS OF SEDIMENT ACCUMULATION ARE OBSERVED BETWEEN INSPECTION PERIODS. SEDIMENT AND DEBRIS REMOVED FROM THE FEATURES SHOULD BE STORED PROPERLY UNTIL DISPOSAL ACCORDING TO LOCAL OR OTHER GOVERNING REGULATIONS, TO ENSURE NO EXPOSURE TO STORMWATER RUNOFF. THE FOLLOWING TABLE INDICATES ITEMS TO BE INSPECTED AND THEIR FREQUENCY WHICH MAY VARY FROM THAT NOTED ABOVE.		
INSPECTION ITEM	MAINTENANCE PROCEDURE	FREQUENCY
OUTLET STRUCTURE	REMOVE ACCUMULATED SEDIMENT AND DEBRIS FROM THE STRUCTURE.	EVERY 6 MONTHS
STORM SEWER SYSTEM	INSPECT AND REMOVE (AS NECESSARY) DEBRIS FROM THE SEWER SYSTEM TO ENSURE POSITIVE FLOW TO THE STORM SEWER OUTFALL.	EVERY 6 MONTHS
PUMP STATION WET WELL	CHECK WATER LEVEL ON WET WELL TO ASSURE CORRECT ELEVATION. REMOVE ACCUMULATED SEDIMENT.	EVERY 6 MONTHS
MAINTENANCE INSPECTION LOGS		
THE PROPERTY OWNER, ITS ADMINISTRATORS, EXECUTORS, SUCCESSORS, HEIRS OR ASSIGNS SHALL MAINTAIN THE STORMWATER CONTROL FACILITY OR FACILITIES IN GOOD WORKING CONDITION ACCEPTABLE TO THE CITY AND IN ACCORDANCE WITH THE SCHEDULE OF LONG-TERM MAINTENANCE ACTIVITIES IN THE STORMWATER CONTROL FACILITY MAINTENANCE PLAN.		
THE PROPERTY OWNER SHALL MAINTAIN COPIES OF COMPLETE, DATED AND SIGNED INSPECTION CHECKLISTS IN A MAINTENANCE INSPECTION LOG, ALONG WITH RECORDED DATES AND DESCRIPTIONS OF MAINTENANCE ACTIVITIES PERFORMED BY THE PROPERTY OWNER TO REMEDY THE DEFICIENCIES OBSERVED DURING PRIORITY INSPECTIONS. THE MAINTENANCE INSPECTION LOG SHALL BE KEPT ON PROPERTY AND SHALL BE MADE AVAILABLE TO THE CITY UPON REQUEST.		
<b>SEDIMENT CLEAN OUT PROCEDURES</b>		
1. SET UP ANY NECESSARY SAFETY EQUIPMENT AROUND THE ACCESS PORT OR GRATE AS STIPULATED BY LOCAL ORDINANCES. SAFETY EQUIPMENT SHOULD NOTIFY PASSING PEDESTRIAN AND ROAD TRAFFIC THAT WORK IS BEING DONE.		
2. REMOVE THE LIDS TO THE MAN-HOLE/STRUCTURE.		
3. WITHOUT ENTERING THE VESSEL, LOOK DOWN INTO THE CHAMBER TO INSPECT THE INSIDE. MAKE NOTE OF ANY IRREGULARITIES.		
4. USING THE FLOATABLES PORT FOR ACCESS, REMOVE OIL AND FLOATABLES STORED ON THE SURFACE OF THE WATER WITH THE VACUUM HOSE OR THE SKIMMER NET.		
5. USING A SEDIMENT PROBE SUCH AS A SLUDGE JUDGE®, MEASURE THE DEPTH OF SEDIMENT THAT HAS COLLECTED IN THE SUMP OF THE VESSEL AND RECORD IT IN THE MAINTENANCE LOG. IF THE UNDERGROUND SYSTEM HAS LOST 20% OR MORE OF STORAGE CAPACITY, SEDIMENT REMOVAL NEEDS TO BE COMPLETED. THIS ROUGHLY EQUALS TO DEPTH OF SEDIMENT OF 16".		
6. ONCE ALL FLOATABLES HAVE BEEN REMOVED, DROP THE VACUUM HOSE TO THE BASE OF THE SUMP VIA THE CENTRAL ACCESS PORT. VACUUM OUT THE SEDIMENT AND GROSS DEBRIS OFF THE SUMP FLOOR.		
7. REMOVE THE VACUUM HOSE FROM THE VESSEL.		
8. ON THE MAINTENANCE LOG PROVIDED, RECORD THE DATE, UNIT LOCATION, ESTIMATED VOLUME OF FLOATABLES AND GROSS DEBRIS REMOVED, AND THE DEPTH OF SEDIMENT MEASURED. ALSO NOTE ANY APPARENT IRREGULARITIES SUCH AS DAMAGED COMPONENTS OR BLOCKAGES.		
9. SECURELY REPLACE THE GRATE OR LID.		

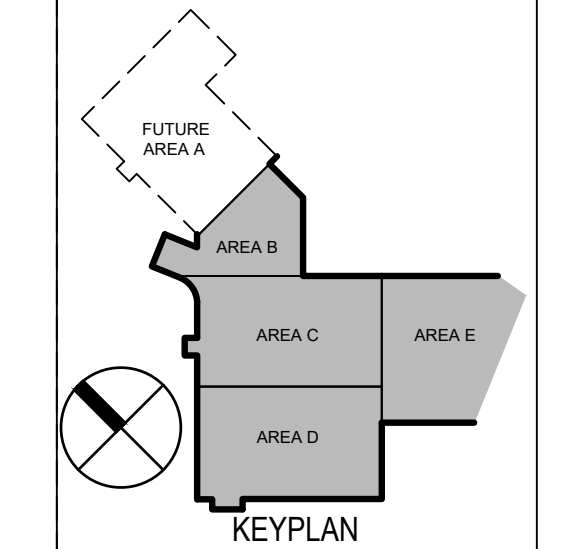
POST-CONSTRUCTION POND MAINTENANCE SCHEDULE		
THE PROPOSED STORMWATER QUALITY OUTLET STRUCTURE IS A STORMWATER BMP WHICH WILL REQUIRE ONGOING INSPECTION AND MAINTENANCE CLEANING. RESPONSIBILITY AND ASSURANCE OF PERIODIC MAINTENANCE AND THE CONTINUOUS FUNCTIONALITY OF THE CONTROL STRUCTURES IS PERPETUAL; BEGINNING WITH THE OWNER AT THE TIME OF INSTALLATION AND CONTINUING TO ALL FUTURE OWNERS OF SAID PRIVATE STORM SEWER SYSTEM. GENERAL RECOMMENDATIONS ARE AS FOLLOWS:		
RELEASE CONTROL STRUCTURE	VISUALLY INSPECT AND REMOVE SEDIMENT AND TRASH.	MONTHLY AND AFTER RAINFALL EVENTS 0.5 INCHES OR GREATER OR IF STANDING WATER PERSISTS FOR MORE THAN 72 HOURS
MAINTAIN DOCUMENTATION OF ALL INSPECTIONS NOTING WHEN MAINTENANCE IS PERFORMED. PROVIDE DOCUMENTATION TO CITY OF COLUMBUS UPON REQUEST.		

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**KORDA**  
KORDA / NEMETH ENGINEERING  
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TECHNOLOGY ENGINEER  
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COLUMBUS, OH 43215  
614.487.1650

**MKSK**  
LANDSCAPE ARCHITECT  
MKSK  
462 SOUTH LUDLOW ALLEY  
COLUMBUS, OH 43215  
614.621.2796

**MOUNT CARMEL HEALTH SYSTEM**  
NORTHWEST HEALTH CAMPUS  
4105 EMERALD PARKWAY  
DUBLIN, OH



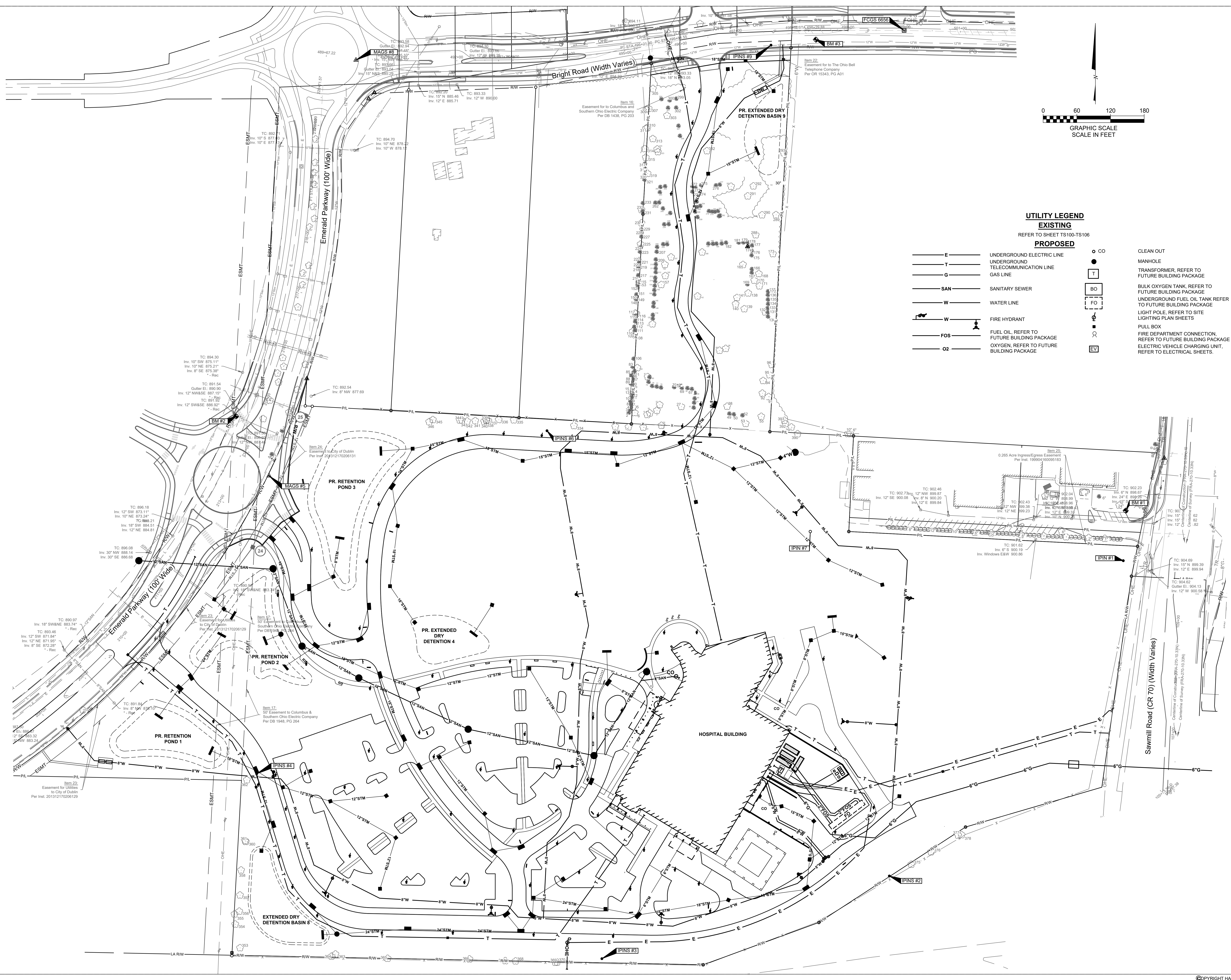
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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET  
HGA NO: 1927-004-00  
**SEDIMENT & EROSION CONTROL PLAN DETAILS**  
DATE: SEPTEMBER 6, 2022  
FINAL DEVELOPMENT PLAN  
**C219**







**UTILITY LEGEND**

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|--|-----------------|--|--|
|  | <b>EXISTING</b> |  |  |
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|  | <b>PROPOSED</b> |  | CLEAN OUT  |
|  |                 |  | MANHOLE  |
|  |                 |  | TRANSFORMER, REFER TO FUTURE BUILDING PACKAGE                |
|  |                 |  | BULK OXYGEN TANK, REFER TO FUTURE BUILDING PACKAGE           |
|  |                 |  | UNDERGROUND FUEL OIL TANK REFER TO FUTURE BUILDING PACKAGE   |
|  |                 |  | LIGHT POLE, REFER TO SITE LIGHTING PLAN SHEETS               |
|  |                 |  | PULL BOX   |
|  |                 |  | FIRE DEPARTMENT CONNECTION, REFER TO FUTURE BUILDING PACKAGE |
|  |                 |  | ELECTRIC VEHICLE CHARGING UNIT, REFER TO ELECTRICAL SHEETS.  |

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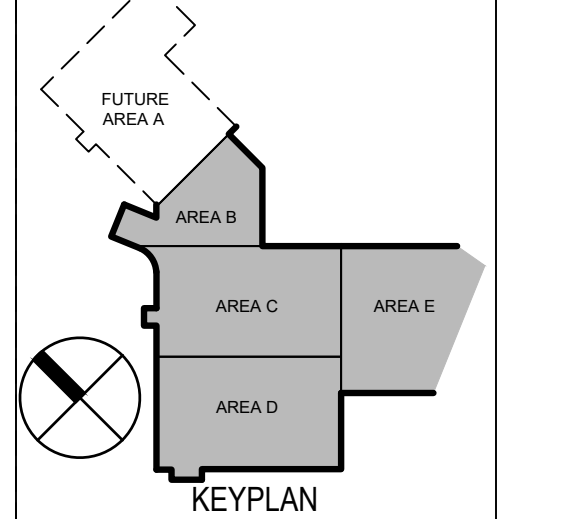
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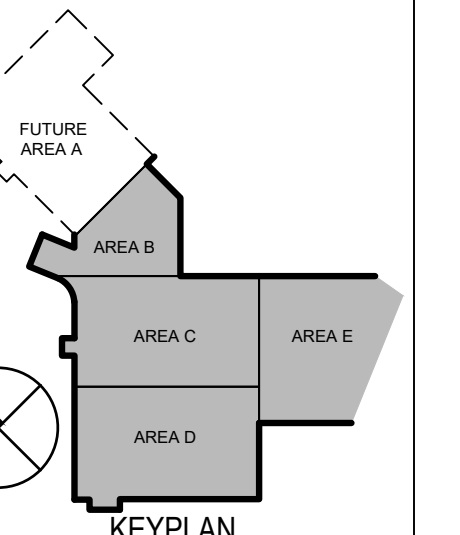
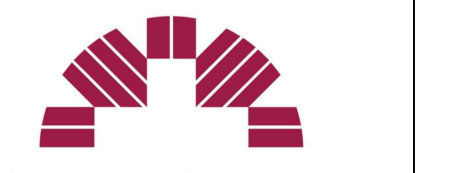
**OVERALL  
UTILITY PLAN**

DATE: SEPTEMBER 6, 2022  
**FINAL DEVELOPMENT  
PLAN**

**C3.00**

FINAL DEVELOPMENT PLAN





**NOT FOR  
CONSTRUCTION**

NO	DESCRIPTION	DATE
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ISSUANCE HISTORY - THIS SHEET

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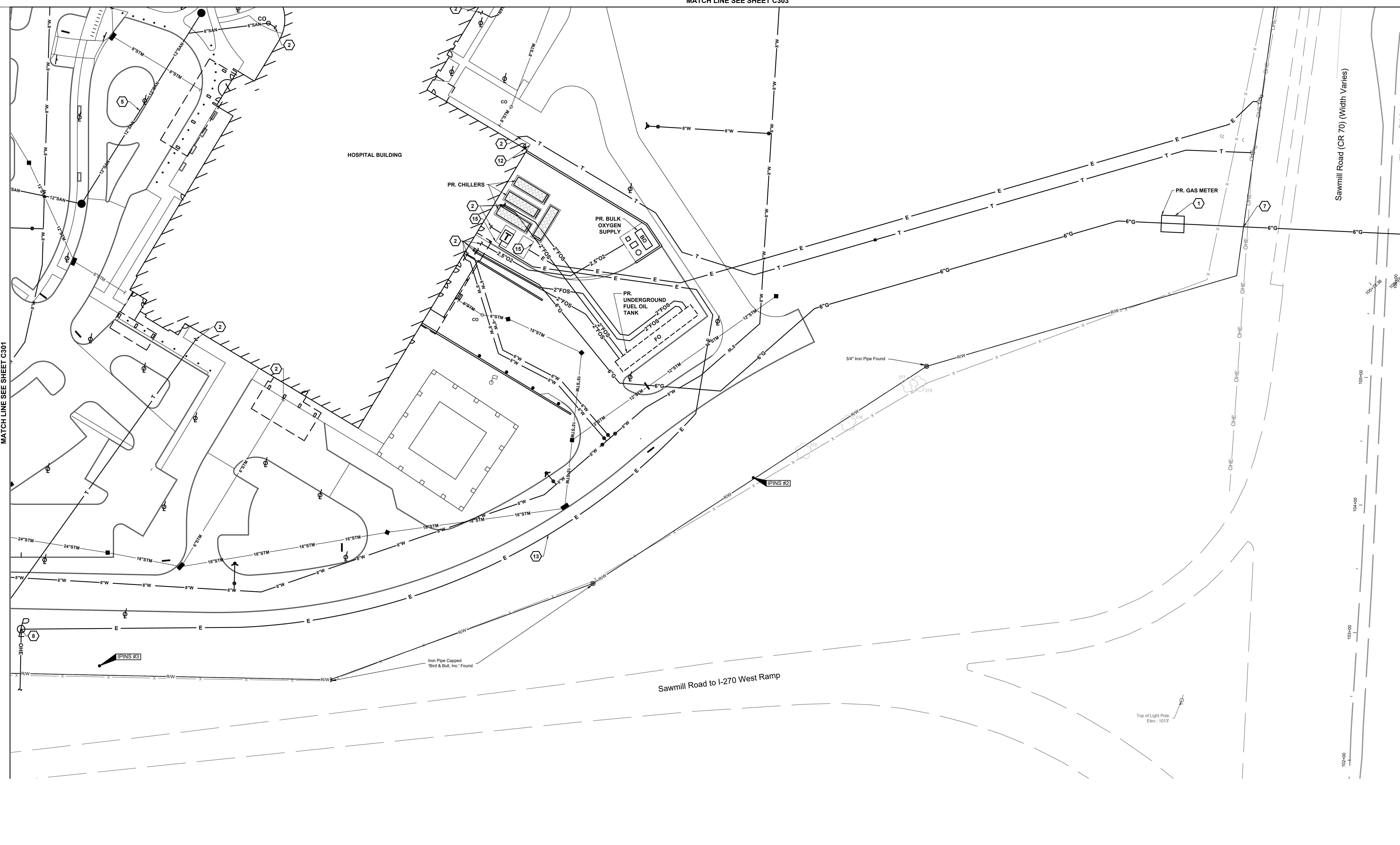
**UTILITY PLAN**

DATE: SEPTEMBER 6, 2022

**FINAL DEVELOPMENT  
PLAN**

**C302**

FINAL DEVELOPMENT PLAN



**UTILITY LEGEND**

**EXISTING**

REFER TO SHEET TS100-TS106

**PROPOSED**

- E UNDERGROUND ELECTRIC LINE
- T UNDERGROUND TELECOMMUNICATION LINE
- G GAS LINE
- SAN SANITARY SEWER
- W WATER LINE
- W FIRE HYDRANT
- FOS FUEL OIL, REFER TO FUTURE BUILDING PACKAGE
- O2 OXYGEN, REFER TO FUTURE BUILDING PACKAGE
- CO CLEAN OUT
- MANHOLE
- T TRANSFORMER, REFER TO FUTURE BUILDING PACKAGE
- BO BULK OXYGEN TANK, REFER TO FUTURE BUILDING PACKAGE
- FO UNDERGROUND FUEL OIL TANK REFER TO FUTURE BUILDING PACKAGE
- LP LIGHT POLE, REFER TO SITE LIGHTING PLAN SHEETS
- PB PULL BOX
- FD FIRE DEPARTMENT CONNECTION, REFER TO FUTURE BUILDING PACKAGE
- EV ELECTRIC VEHICLE CHARGING UNIT, REFER TO ELECTRICAL SHEETS.

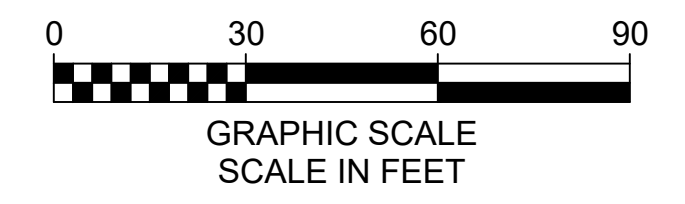
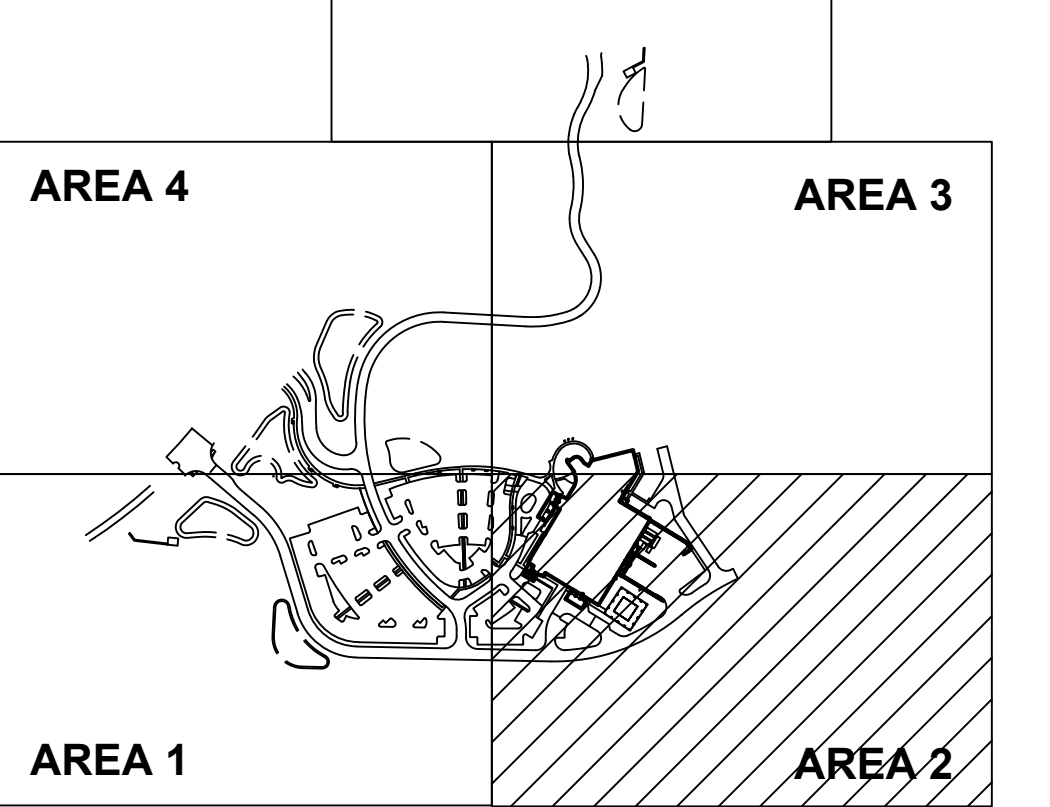
**GENERAL NOTES:**

- DIMENSIONS AND COORDINATES ARE FROM FACE OF CURB OR EXTERIOR FACE OF BUILDING, UNLESS OTHERWISE NOTED.
- EXTEND UTILITIES TO WITHIN 5' OF FACE OF BUILDING, UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR. FINAL CONNECTION BY PLUMBING CONTRACTOR.
- REFER TO SHEETS C201-C205 FOR STORM SEWER INFORMATION.
- MAINTAIN MINIMUM 4'-0" COVER OVER ALL WATERLINES.
- MAINTAIN MINIMUM 18" VERTICAL CLEARANCE FROM THE OUTSIDE OF ANY WATERLINE PIPE TO THE OUTSIDE OF ANY STORM OR SANITARY SEWER.
- PROVIDE THRUST BLOCKS OR RESTRAINED MECHANICAL JOINT PIPE AT EACH VALVE, TEE, FITTING, OR CHANGE IN DIRECTION OF WATERLINE.
- REFER TO CITY OF DUBLIN STANDARD DRAWINGS FOR TYPICAL FIRE HYDRANT INSTALLATION DETAILS.
- ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.
- CONNECTION TO EXISTING WATER MAINS SHALL NOT BE PERFORMED UNTIL THE NEW LINES HAVE BEEN SANITIZED AND ALL TESTS HAVE BEEN COMPLETED AS SPECIFIED BY THE CITY OF DUBLIN AND THESE CONTRACT DOCUMENTS.
- ALL COORDINATES AND ELEVATIONS BASED ON SURVEY PERFORMED BY KORDA/NEMETH ENGINEERING. REFER TO SHEET TS100.
- WHERE PLANS PROVIDE FOR A PROPOSED UTILITY TO BE CONNECTED TO, OR CROSS OVER, OR UNDER AN EXISTING UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES, BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED UTILITY. THESE LOCATIONS ARE NOTED THUS: EXPOSE. IF IT IS DETERMINED THAT THE ELEVATION OF THE EXPOSED UTILITY DIFFERS FROM THE PLAN ELEVATION, RESULTS IN A CHANGE IN THE PLAN SEWER SLOPE, OR WILL INTERSECT AN EXISTING UTILITY AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED UTILITY WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.
- SUPPORT AND PROTECT ALL UTILITIES EXPOSED DURING EXCAVATION AND TRENCHING.
- ANY REQUIRED WATERLINE SHUT-DOWNS SHALL BE COORDINATED WITH THE OWNER AND/OR THE CITY.
- REFER TO SHEETS C206-C215 FOR ADDITIONAL WATER LINE INFORMATION.
- REFER TO SHEETS C400-C404 FOR ADDITIONAL PRIVATE SANITARY MAIN INFORMATION.
- REFER TO SHEETS C500-C507 FOR ADDITIONAL EMERALD PARKWAY RIGHT-OF-WAY PLAN INFORMATION.
- REFER TO SHEETS C601-C612 FOR ADDITIONAL SAWMILL ROAD RIGHT-OF-WAY PLAN INFORMATION.

**CODED NOTES:**

- GAS TAP, SERVICE LINE, AND METER BY COLUMBIA GAS. SITE CONTRACTOR SHALL PROVIDE AND INSTALL GAS SERVICE LINE FROM METER SETTING TO BUILDING. PROTECT GAS METER SETTING WITH BOLLARDS ON THREE SIDES.
- CAP AND MARK FOR FUTURE CONNECTION. COORDINATE FINAL LOCATION AND ELEVATION WITH PLUMBING CONTRACTOR. FINAL CONNECTION BY PLUMBING CONTRACTOR.
- ABOVE GROUND ENCLOSURE FOR WATER METER AND BACKFLOW.
- COMMUNICATION PEDESTAL.
- PROPOSED PRIVATE SANITARY MAINLINE. REFER TO CC SANITARY PLAN SHEETS (C400 - C402).
- SANITARY TO BE SLEEVED BELOW SIGN FOUNDATION.
- ANY PRIVATE UTILITIES WITHIN PUBLIC RIGHT-OF-WAY AND/OR PUBLIC EASEMENTS WILL REQUIRE SEPARATE RIGHT-OF-WAY PERMITS(S) WITH ALL APPLICABLE REGULATORY AGENCIES.
- OVERHEAD ELECTRIC CABLE TO BE APPROVED BY ODOT.
- TELECOMMUNICATION DUCT BANK EXTENSION IN THE RIGHT-OF-WAY BY UTILITY COMPANY. WORK TO BE COORDINATED WITH COMPANY.
- ROUNDABOUT AND ASSOCIATED INFRASTRUCTURE BY OTHERS. REFER TO DUBLIN CAPITAL IMPROVEMENT PROJECT.
- BRIGHT ROAD CORRIDOR IMPROVEMENTS BY OTHERS. REFER TO DUBLIN CAPITAL IMPROVEMENTS PROJECT.
- FIRE DEPARTMENT CONNECTION, REFER TO FUTURE BUILDING PACKAGE.
- TELECOM AND ELECTRIC CONDUIT. REFER TO ELECTRIC SITE PLAN.
- WATERLINE CONNECTING THE RECHARGE WELL TO RETENTION PONDS 1, 2, 3, & 7.
- TRANSFORMER VAULT, REFER TO ELECTRICAL SHEETS.

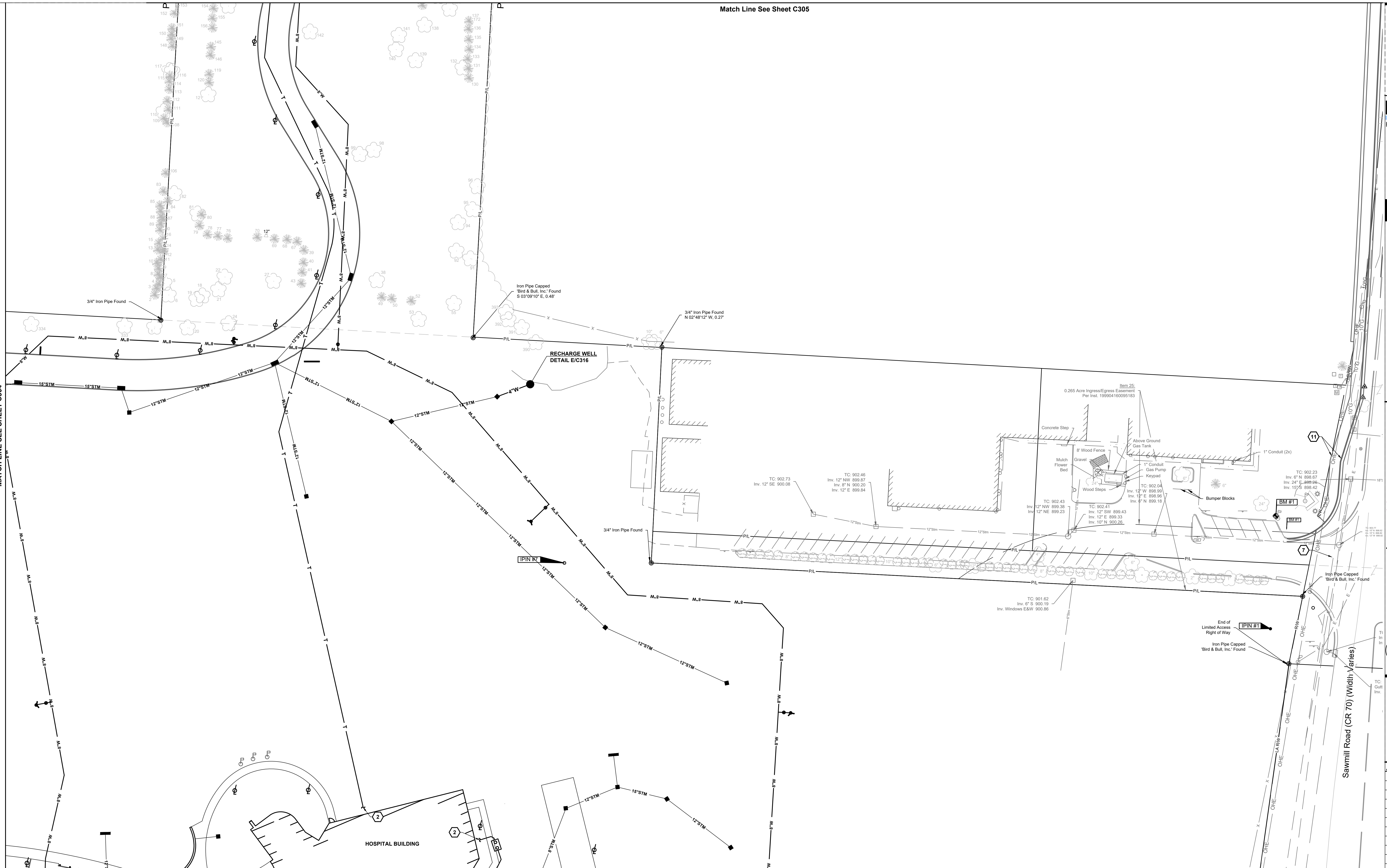
**KEY PLAN**



Match Line See Sheet C305

MATCH LINE SEE SHEET C304

Match Line See Sheet C302



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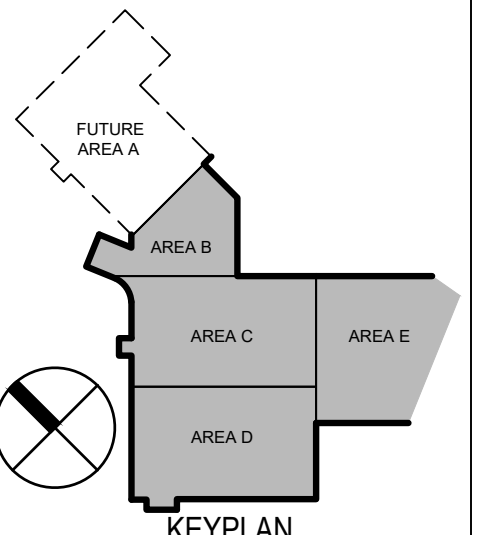
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**MOUNT CARMEL  
 HEALTH  
 SYSTEM**



**NORTHWEST HEALTH  
 CAMPUS**  
 4105 EMERALD PARKWAY  
 DUBLIN, OH



**NOT FOR  
 CONSTRUCTION**

NO	DESCRIPTION	DATE

HGA NO: 1927-004-00

**UTILITY PLAN**

DATE: SEPTEMBER 6, 2022

**FINAL DEVELOPMENT PLAN**

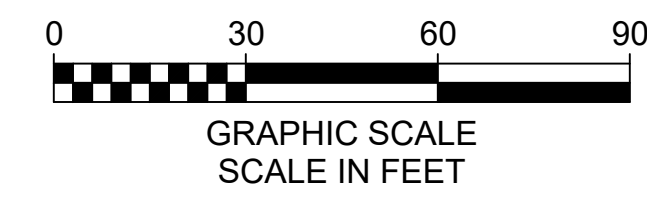
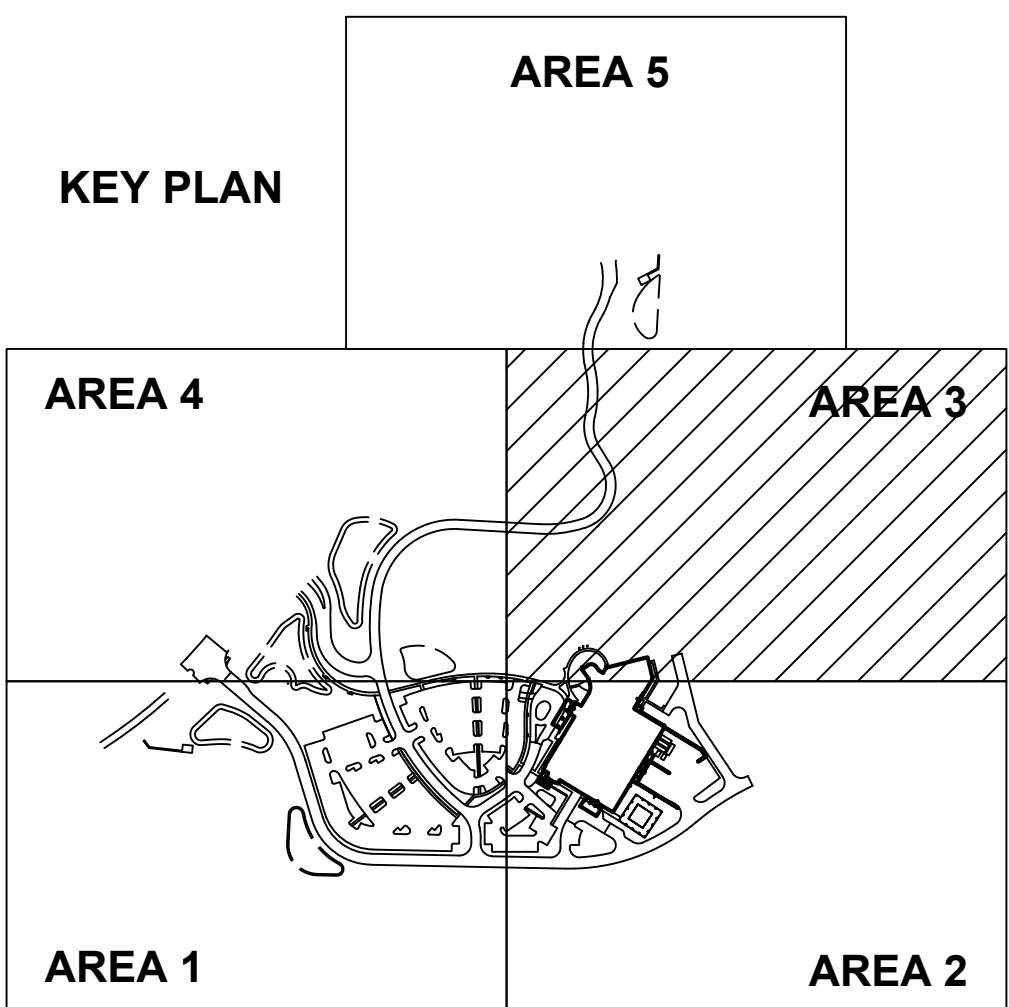
**C303**

**UTILITY LEGEND**

<b>EXISTING</b>			
—E—	UNDERGROUND ELECTRIC LINE	○ CO	CLEAN OUT
—T—	UNDERGROUND TELECOMMUNICATION LINE	●	MAN-HOLE
—G—	GAS LINE	□ T	TRANSFORMER, REFER TO FUTURE BUILDING PACKAGE
—SAN—	SANITARY SEWER	□ BO	BULK OXYGEN TANK, REFER TO FUTURE BUILDING PACKAGE
—W—	WATER LINE	□ FO	UNDERGROUND FUEL OIL TANK REFER TO FUTURE BUILDING PACKAGE
—W—	FIRE HYDRANT	○	LIGHT POLE, REFER TO SITE LIGHTING PLAN SHEETS
—FOS—	FUEL OIL, REFER TO FUTURE BUILDING PACKAGE	□	PULL BOX
—O2—	OXYGEN, REFER TO FUTURE BUILDING PACKAGE	□	FIRE DEPARTMENT CONNECTION, REFER TO FUTURE BUILDING PACKAGE
		□	ELECTRIC VEHICLE CHARGING UNIT, REFER TO ELECTRICAL SHEETS.

- GENERAL NOTES:**
- DIMENSIONS AND COORDINATES ARE FROM FACE OF CURB OR EXTERIOR FACE OF BUILDING, UNLESS OTHERWISE NOTED.
  - EXTEND UTILITIES TO WITHIN 5' OF FACE OF BUILDING, UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR. FINAL CONNECTION BY PLUMBING CONTRACTOR.
  - REFER TO SHEETS C201-C205 FOR STORM SEWER INFORMATION.
  - MAINTAIN MINIMUM 4" COVER OVER ALL WATERLINES.
  - MAINTAIN MINIMUM 18" VERTICAL CLEARANCE FROM THE OUTSIDE OF ANY WATERLINE PIPE TO THE OUTSIDE OF ANY STORM OR SANITARY SEWER.
  - PROVIDE THRUST BLOCKS OR RESTRAINED MECHANICAL JOINT PIPE AT EACH VALVE, TEE, FITTING, OR CHANGE IN DIRECTION OF WATERLINE.
  - REFER TO CITY OF DUBLIN STANDARD DRAWINGS FOR TYPICAL FIRE HYDRANT INSTALLATION DETAILS.
  - ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.
  - CONNECTION TO EXISTING WATER MAINS SHALL NOT BE PERFORMED UNTIL THE NEW LINES HAVE BEEN SANITIZED AND ALL TESTS HAVE BEEN COMPLETED AS SPECIFIED BY THE CITY OF DUBLIN AND THESE CONTRACT DOCUMENTS. ALL COORDINATES AND ELEVATIONS BASED ON SURVEY PERFORMED BY KORDA/NEMETH ENGINEERING. REFER TO SHEET TS100.
  - WHERE PLANS PROVIDE FOR A PROPOSED UTILITY TO BE CONNECTED TO, OR CROSS OVER, OR UNDER AN EXISTING UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES, BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED UTILITY. THESE LOCATIONS ARE NOTED THUS: EXPOSE. IF IT IS DETERMINED THAT THE ELEVATION OF THE EXPOSED UTILITY DIFFERS FROM THE PLAN ELEVATION, RESULTS IN A CHANGE IN THE PLAN SEWER SLOPE, OR WILL INTERSECT AN EXISTING UTILITY AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED UTILITY WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.
  - SUPPORT AND PROTECT ALL UTILITIES EXPOSED DURING EXCAVATION AND TRENCHING.
  - ANY REQUIRED WATERLINE SHUT-DOWNS SHALL BE COORDINATED WITH THE OWNER AND/OR THE CITY.
  - REFER TO SHEETS C308-C316 FOR ADDITIONAL WATER LINE INFORMATION.
  - REFER TO SHEETS C400-C404 FOR ADDITIONAL PRIVATE SANITARY MAIN INFORMATION.
  - REFER TO SHEETS C500-C507 FOR ADDITIONAL EMERALD PARKWAY RIGHT-OF-WAY PLAN INFORMATION.
  - REFER TO SHEETS C601-C612 FOR ADDITIONAL SAWMILL ROAD RIGHT-OF-WAY PLAN INFORMATION.

- CODED NOTES:**
- GAS TAP, SERVICE LINE, AND METER BY COLUMBIA GAS. SITE CONTRACTOR SHALL PROVIDE AND INSTALL GAS SERVICE LINE FROM METER SETTING TO BUILDING. PROTECT GAS METER SETTING WITH BOLLARDS ON THREE SIDES.
  - CAP AND MARK FOR FUTURE CONNECTION. COORDINATE FINAL LOCATION AND ELEVATION WITH PLUMBING CONTRACTOR. FINAL CONNECTION BY PLUMBING CONTRACTOR.
  - ABOVE GROUND ENCLOSURE FOR WATER METER AND BACKFLOW.
  - COMMUNICATION PEDESTAL.
  - PROPOSED PRIVATE SANITARY MAINLINE. REFER TO CC SANITARY PLAN SHEETS (C400 - C402).
  - SANITARY TO BE SLEEVED BELOW SIGN FOUNDATION.
  - ANY PRIVATE UTILITIES WITHIN PUBLIC RIGHT-OF-WAY AND/OR PUBLIC EASEMENTS WILL REQUIRE SEPARATE RIGHT-OF-WAY PERMIT(S) WITH ALL APPLICABLE REGULATORY AGENCIES. OVERHEAD ELECTRIC CABLE TO BE APPROVED BY ODOT.
  - TELECOMMUNICATION DUCT BANK EXTENSION IN THE RIGHT-OF-WAY BY UTILITY COMPANY. WORK TO BE COORDINATED WITH COMPANY.
  - ROUNDABOUT AND ASSOCIATED INFRASTRUCTURE BY OTHERS. REFER TO DUBLIN CAPITAL IMPROVEMENT PROJECT.
  - BRIGHT ROAD CORRIDOR IMPROVEMENTS BY OTHERS. REFER TO DUBLIN CAPITAL IMPROVEMENTS PROJECT.
  - FIRE DEPARTMENT CONNECTION, REFER TO FUTURE BUILDING PACKAGE.
  - TELECOM AND ELECTRIC CONDUIT, REFER TO ELECTRIC SITE PLAN.
  - WATERLINE CONNECTING THE RECHARGE WELL TO RETENTION PONDS 1, 2, 5, & 7.
  - TRANSFORMER VAULT, REFER TO ELECTRICAL SHEETS.



FINAL DEVELOPMENT PLAN





BENCHMARKS		
No.	Elevation	Description
1	902.71	Square Chiseled on the northwesterly corner of the flag pole base at the Perry Township Administrative complex.
2	891.92	'X' chiseled on the southerly rim of the sanitary manhole located on the westerly side of Emerald Parkway, approximately 215 feet south of Bright Road.
3	902.15	Arrow chiseled on the northerly flange bolt of the fire hydrant on the south side of Bright Road, approximately 430 feet due West of Inverness Court.

CONTROL POINTS				
No.	Northing	Easting	Elevation	Description
1	769665.120	1803164.730	901.90	5/8"x30" Iron Pin Set
2	769103.260	1802748.058	904.35	5/8"x30" Iron Pin Set
3	768955.955	1802236.090	904.89	5/8"x30" Iron Pin Set
4	769285.373	1801621.270	896.21	5/8"x30" Iron Pin Set
5	769816.363	1801643.266	892.21	Mag Nail Set
6	769896.648	1802138.339	899.71	5/8"x30" Iron Pin Set
7	769717.054	1802607.304	902.44	5/8"x30" Iron Pin Found
8	770557.161	1801798.106	894.95	Mag Nail Set
9	770583.740	1802537.305	899.33	5/8"x30" Iron Pin Set

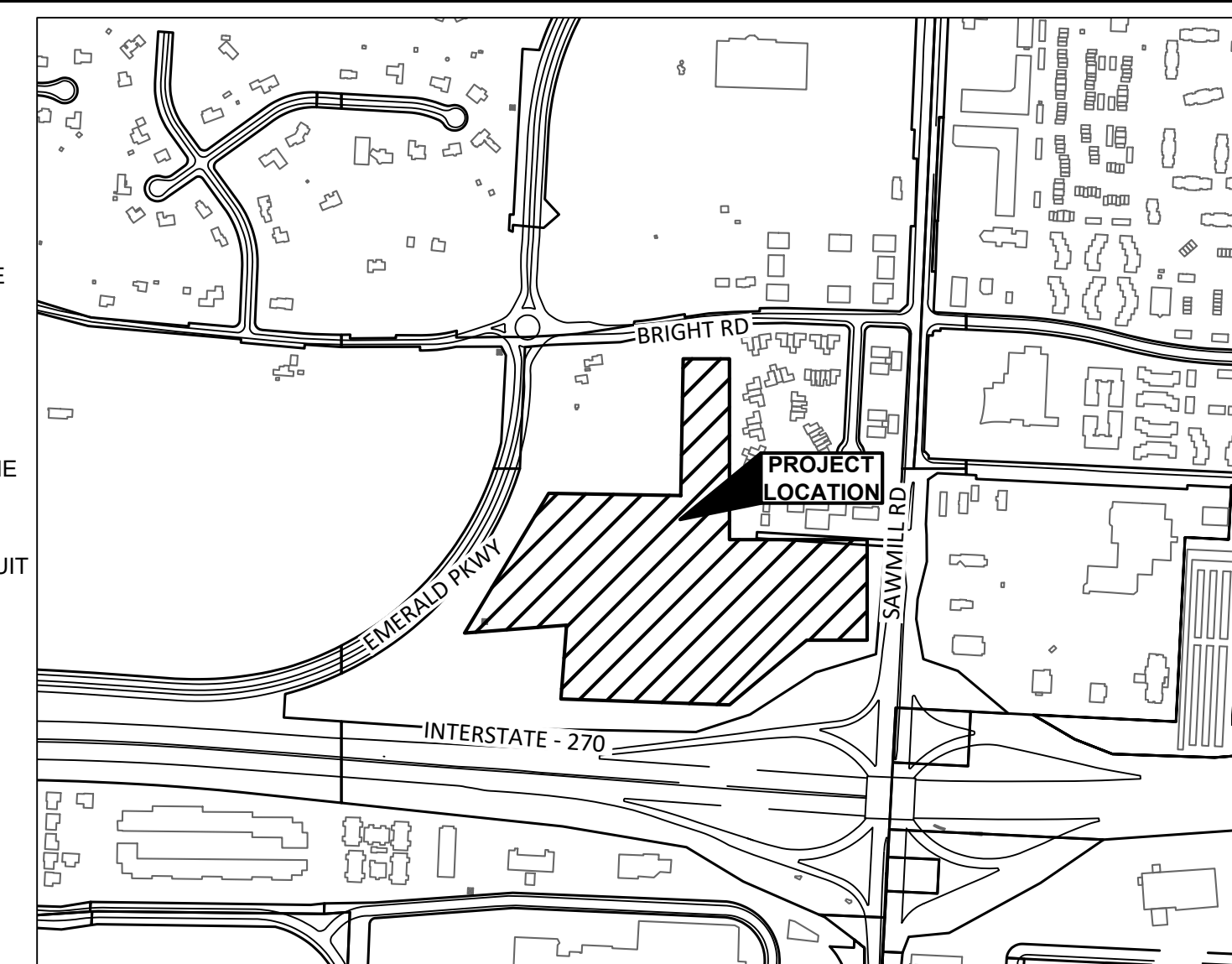
**CODED NOTES:**

- GAS TAP, SERVICE LINE, AND CURB BOX TO ONE FOOT ZERO INCHES (1'-0") INSIDE RIGHT-OF-WAY BY COLUMBIA GAS. SITE CONTRACTOR SHALL PROVIDE AND INSTALL GAS SERVICE LINE FROM CURB BOX TO FIVE FEET ZERO INCHES (5'-0") UPSTREAM OF METER SETTING. MECHANICAL CONTRACTOR TO INSTALL METER SETTING AND SERVICE LINE FOR FIVE FEET ZERO INCHES (5'-0") EACH SIDE OF METER SETTING. SITE CONTRACTOR TO PROVIDE AND INSTALL GAS SERVICE LINE FROM FIVE FEET ZERO INCHES (5'-0") DOWNSTREAM OF METER SETTING TO FACE OF BUILDING PER DETAIL B, THIS SHEET. PROTECT GAS METER SETTING WITH BOLLARDS ON THREE SIDES AS SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR BOLLARD DETAIL.

**LEGEND**

**PROPOSED**

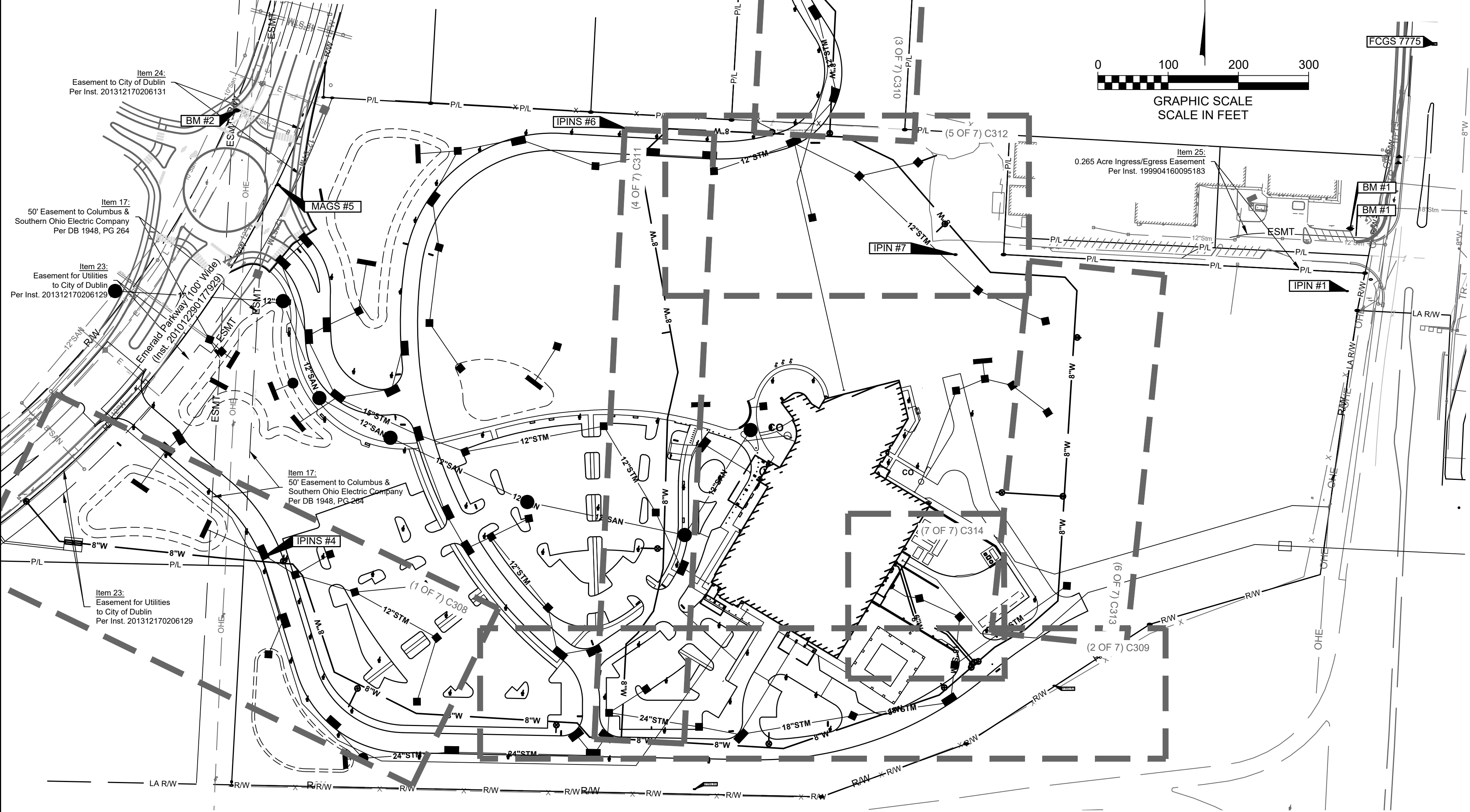
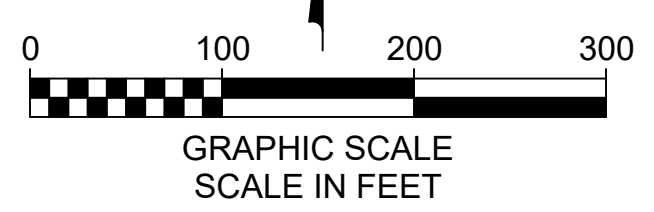
W	WATER LINE
W	FIRE HYDRANT
F	FIRE PROTECTION SERVICE LINE
SAN	SANITARY SEWER
G	GAS LINE
E	UNDERGROUND ELECTRIC LINE
T	UNDERGROUND TELEPHONE LINE
C	UNDERGROUND CABLE LINE
L	UNDERGROUND LIGHTING CIRCUIT
STM	STORM SEWER



**LOCATION MAP**  
(NOT TO SCALE)

**GENERAL NOTES:**

- DIMENSIONS AND COORDINATES ARE FROM FACE OF CURB OR EXTERIOR FACE OF BUILDING, UNLESS OTHERWISE NOTED.
- EXTEND UTILITIES TO WITHIN FIVE (5) FEET OF FACE OF BUILDING, UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR. FINAL CONNECTION BY PLUMBING CONTRACTOR.
- REFER TO SHEETS C200-C220 FOR STORM SEWER INFORMATION.
- MAINTAIN MINIMUM EIGHTEEN (18) INCH VERTICAL CLEARANCE FROM THE OUTSIDE OF ANY WATERLINE PIPE TO THE OUTSIDE OF ANY STORM OR SANITARY SEWER.
- PROVIDE THRUST BLOCKS OR RESTRAINED MECHANICAL JOINT PIPE AT EACH VALVE, TEE, FITTING, OR CHANGE IN DIRECTION OF WATERLINE.
- REFER TO CITY OF COLUMBUS STANDARD DRAWINGS FOR TYPICAL FIRE HYDRANT INSTALLATION DETAILS.
- ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.
- CONNECTION TO EXISTING WATER MAINS SHALL NOT BE PERFORMED UNTIL THE NEW LINES HAVE BEEN SANITIZED AND ALL TESTS HAVE BEEN COMPLETED AS SPECIFIED BY THE CITY OF COLUMBUS, DUBLIN, AND THESE CONTRACT DOCUMENTS.
- ALL COORDINATES AND ELEVATIONS BASED ON SURVEY PERFORMED BY KORDA/NEMETH ENGINEERING. REFER TO SHEET TS100-TS106.
- THE CONTRACTOR SHALL CALL, TOLL FREE, THE OHIO UTILITIES PROTECTION SERVICE (1-800-362-2764) SEVENTY-TWO (72) HOURS PRIOR TO CONSTRUCTION AND SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO WORK IN VICINITY OF THEIR UNDERGROUND LINES.
- WHERE PLANS PROVIDE FOR A PROPOSED UTILITY TO BE CONNECTED TO, OR CROSS OVER, OR UNDER AN EXISTING UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES, BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED UTILITY. THESE LOCATIONS ARE NOTED THUS: EXPOSE. IF IT IS DETERMINED THAT THE ELEVATION OF THE EXPOSED UTILITY DIFFERS FROM THE PLAN ELEVATION, RESULTS IN A CHANGE IN THE PLAN SEWER SLOPE, OR WILL INTERSECT AN EXISTING UTILITY AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED UTILITY WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.
- ALL AREAS DISTURBED BY UTILITY CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION TO THE SATISFACTION OF THE OWNER. CONTRACTOR SHALL SAW CUT PAVEMENT AT LIMITS OF REMOVAL, WITH NEAT STRAIGHT LINES TO A FULL DEPTH. REMOVE CONCRETE SIDEWALK AND CURB AND GUTTER AT NEAREST JOINT. PROVIDE JOINTS BETWEEN NEW AND EXISTING ASPHALT.
- PERFORM ALL UTILITY WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND CITY OF COLUMBUS STANDARDS. IN CASE OF A DISCREPANCY BETWEEN THESE CONTRACT DOCUMENTS AND CITY OF COLUMBUS STANDARDS, THE CITY OF COLUMBUS STANDARDS SHALL GOVERN.
- SUPPORT AND PROTECT ALL UTILITIES EXPOSED DURING EXCAVATION AND TRENCHING.
- ANY REQUIRED WATERLINE SHUT-DOWNS SHALL BE COORDINATED WITH THE OWNER AND/OR THE CITY.
- SANITARY SEWER NOTE: CONNECTION TO SANITARY SEWER CANNOT BE MADE WITHOUT OBTAINING A PERMIT FROM SEWER PERMIT OFFICE 111 N. FRONT STREET (614) 645-7490.



WATER SERVICE SURVEY COORDINATES				
*THE PROJECT IS BASED ON STATE PLANE GRID COORDINATES OHIO SOUTH ZONE NAD 83 WITH 2011 NSRS ADJUSTMENT*				
DESCRIPTION	NORTHING	EASTING	NORTHING AS-BUILT	EASTING AS-BUILT



EASEMENT REFERENCE			REVISIONS		
CITY NO.	COUNTY RECORDER	GRANTOR	NO.	DESCRIPTION	APPROVAL/DATE
	VOL. PAGE				

PLAN PREPARED BY:

**KORDA**  
Korda/Nemeth Engineering, Inc. - Consulting Engineers  
1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7010  
TEL. 614-487-1850 • FAX 614-487-8881 • WEB www.korda.com

PE SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**APPROVED FOR GENERAL ARRANGEMENTS ONLY**

DIVISION OF WATER  
CITY OF COLUMBUS

PROJECT TITLE

**MOUNT CAMEL - HEALTH SYSTEM  
DUBLIN CAMPUS**  
3865 BRIGHT RD  
DUBLIN, OHIO 43016  
273-008610-00

**WSPXXXX**

**SHEET: 1/10**















