## SITE NARRATIVE

PLAN DESIGNER: EMH&T Inc.
Travis Eifert
5500 New Albany Road
Columbus, Ohio 43054
Tel: (614) 775–4615
Email: teifert@emht.com

OWNER/DEVELOPER: Nationwide Children's Hospital
Kevin Noble
700 Children's Drive, Ross Hall, R4000
Columbus, Ohio 43205
Tel: (614) 355–1553
Email: Kevin.Noble@nationwidechildrens.org

PROJECT DESCRIPTION: The project consists of pre–grading the area for the building pad and constructing a haul road and proposed underground storm.

EXISTING SITE CONDITIONS: Vegetated lot/field

RECEIVING STREAM: The existing site drains to the north and west into existing offsite ditches that eventually drain to the Rose Run.

ADJACENT AREAS: The site is bounded by a stream to the north and west, a undeveloped field to the east, and proposed roadway to the south.

SOILS: According to the USDA Soil Survey for Franklin County, the soil onsite consists of Centerburg Silt Loam, Pewamo Silty Clay Loam, and Bennington Silt Loam.

EROSION AND SEDIMENT MEASURES: Construction site storm water runoff from the site improvement area will be managed by means of perimeter sediment fence, triple filter sock, sediment basins and storm sewer inlet protection. Disturbed areas will be stabilized by temporary and permanent seeding applications. The total estimated land disturbing activities resulting from the construction of the proposed improvements within the area is XX.XX acres.

PERMANENT STABILIZATION: The site will be stabilized by the use of temporary and permanent seeding applications.

MAINTENANCE: All erosion control devices are to be inspected by the construction superintendent daily and after significant rainfalls. Any damaged facilities are to be replaced/repaired immediately as may be necessary.

CONSTRUCTION SEQUENCE:
1. Ensure a copy of the NOI, Ohio EPA approval letter, and the SWPPP are available on site during working hours.
2. Install Construction Entrance Ahead signage & SWPPP mail box and concrete washout area.
3. Install the perimeter sediment controls – triple–stacked compost filter sock, filter sock/sediment fence, as shown on the plans.
4. Install proposed storm sewer necessary for the sediment basin outlet.
5. Clear area for construction of access road and sediment basin.
6. Construct the temporary sediment basin complete with riser pipe, skimmer, rock baffles.
7. Seed/mulch basin side slopes.
8. Install temporary diversion swales/berms.
9. Strip topsoil and stockpile. Temporarily seed stockpile.
10. Construct haul road, staging area, and stabilize resulting disturbed areas.
11. Excavate borrow pit and install temporary pipe to sediment basin.
12. Temporarily stabilize all disturbed areas to remain idle for more than 21–days.

SCHEDULE: Sedimentation and erosion control features shall be placed in accordance with this schedule.

OHIO EPA FACILITY PERMIT NUMBER: 4GC10491*AG

SITE CONTACT: Nationwide Children's Hospital
Kevin Noble
700 Children's Drive, Ross Hall, R4000
Columbus, Ohio 43205
Tel: (614) 355–1553
Email: Kevin.Noble@nationwidechildrens.org

*CONTRACTOR RESPONSIBILITY: Details have been provided on the plans in an effort to help the Contractor provide erosion and sedimentation control. The details shown on the plan shall be considered a minimum. Additional or alternate details may be found in the O.D.N.R. Manual "Rain Water and Land Development". The Contractor shall be solely responsible for providing necessary and adequate measures for proper control of erosion and sediment runoff from the site along with proper maintenance and inspection in compliance with the NPDES General Permit for Storm Water Discharges Associated with Construction Activity.*

*All Erosion & Sediment Control practices are subject to Field Modification at the direction of the City of Columbus and/or Ohio EPA, as per the NOI that will be assigned to the Contractor.*

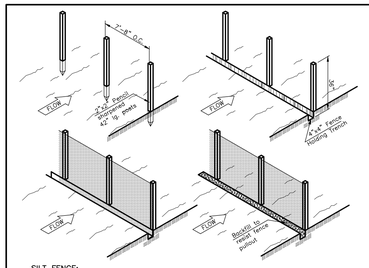
*Street cleaning (on an as–needed basis) is required through the duration of this construction project. This includes sweeping, power cleaning and (if necessary) manual removal of dirt or mud in the street gutters.*

*This plan must be posted on–site. A copy of the SWPPP plan and the approved EPA Stormwater Permit (with the site specific NOI number) shall be kept on–siteat all times.*

**TEMPORARY SEDIMENT CONTROL STRUCTURE SCHEDULE**

| BASIN | TRIBUTARY ACREAGE | DISTURBED ACREAGE | REQUIRED BASIN DEWATERING VOLUME (67 CY/TRIBUTARY AC) | DEWATERING VOLUME ELEVATION (FEET) | REQUIRED SEDIMENT STORAGE VOLUME (37 CY/DISTURBED A.C.) | PROVIDED SEDIMENT STORAGE VOLUME |
|---|---|---|---|---|---|---|
| Basin 01 | XX.XX Ac | X.XX Ac | X.XX Ac–Ft | XXXX.XX | X.XX Ac–Ft | X.XX Ac–Ft |

Sediment Basin Required Dewatering Volume Drawdown = 48 Hrs.
Sediment Basin Provided Dewatering Volume Drawdown > 48 Hrs.




SILT FENCE:
This sediment barrier shall utilize standard strength or extra strength synthetic filter fabrics. It shall be designed for situations in which only sheet or overland flows are expected. Sediment fence fabric shall conform to the requirements of Columbus Item 712.09, Type C Geotextile Fabric.

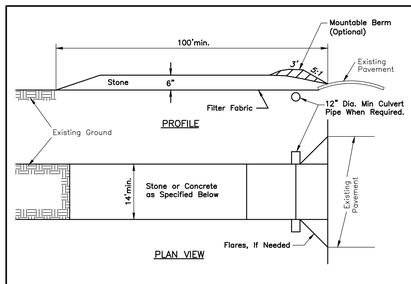
| MATERIAL PROPERTIES | VALUES | TEST METHOD |
|---|---|---|
| Grab Tensile Strength | 90 lb. Minimum | ASTM 1682 |
| Mullen Burst Strength | 190 psi Minimum | ASTM 3786 |
| Slurry Flow Rate | 0.3 gal./min./ft$^2$ Maximum | |
| Equivalent Opening Size | 40–80 | U.S. Std. Sieve CW–02215 |
| Ultraviolet Radiation Stability | 90% Minimum | ASTM–G–26 |

PLACEMENT:
To be placed at the edge of the work limits, at the base of soil stockpiles and as shown on the plan.

INSTALLATION:
1. The height of a silt fence shall not exceed 36–inches (higher fences may impound volumes of water sufficient to cause failure of the structure).
2. 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 cloth shall be spliced together only at a support post, with a minimum of a 6 inch overlap, and securely sealed.
3. Posts shall be spaced a maximum of 10 feet apart at the barrier location and driven securely into the ground (minimum of 12–inches). Wood posts will be a minimum of 32" long When extra strength fabric is used without the wire support fence, post spacing shall not exceed 6 feet.
4. A trench shall be excavated approximately 4–inches wide and 6–inches deep along the line of posts and upslope from the barrier.
5. When standard strength filter fabric is used, a wire mesh support fence shall be fastened securely to the upslope side of the posts using heavy duty wire staples at least 1–inch long, tie wires or hog rings. The wire shall extend into the trench a minimum of 2–inches and shall not extend more than 36–inches above the original ground surface.
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 36–inches above the original ground surface. Filter fabric shall not be stapled to existing trees.
7. When extra strength filter fabric and closer post spacing are used, the wire mesh support fence may be eliminated. In such a case, the filter fabric is stapled or wired directly to the posts with all other provisions of Item No. 6 applying.
8. The trench shall be backfilled and soil compacted over the filter fabric.
9. Silt fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized.
10. To prevent water ponded by the silt fence from flowing around the ends, each end shall be constructed upslope so that the ends are at a higher elevation.

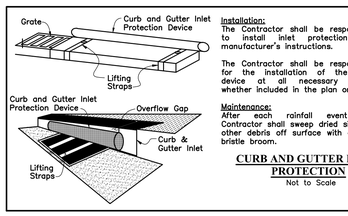
MAINTENANCE:
1. Silt fences and filter barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.
2. Should the fabric on a silt fence or filter barrier decompose or become ineffective prior to the end of the expected usable life and the barrier is still necessary, the fabric shall be replaced promptly.
3. Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately one–half the height of the barrier.
4. Any sediment deposits remaining in place after the silt fence or filter barrier is no longer required shall be dressed to conform with the existing grade, prepared and seeded.

**SEDIMENT FENCE BARRIER DETAIL**
Not to Scale




1. Potential construction entrance locations have been shown on the plan. Contractor shall coordinate alternative options with owner/developer and the City prior to installing.
2. Renumber the below to be 2–10
3. Stone Size – Use 2" stone or reclaimed or recycled concrete equivalent. Item 304 or other finely graded material shall not be added to the stone
4. Length – 70' minimum
5. Thickness – Not less than six (6) inches.
6. Width – 14' minimum but not less than the full width at points where ingress or egress occurs.
7. Filter Cloth – Will be placed over the entire area prior to placing of stone.
8. Surface Water – All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes shall be permitted.
9. 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.
10. 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.
11. Periodic inspection and needed maintenance shall be provided after each rain. Contractor shall utilize a vacuum sweeper equipped with a brush when directed by the city engineer shall sediment tracking onto public streets become an issue.

**STABILIZED CONSTRUCTION ENTRANCE (Std. Dwg. 2230)**
Not to Scale

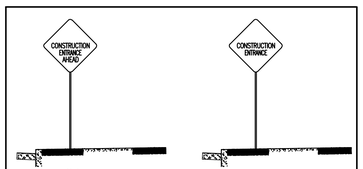



Installation:
The Contractor shall be responsible to install inlet protection per manufacturer's instructions.

The Contractor shall be responsible for the installation of the BMP device at all necessary points whether included in the plan or not.

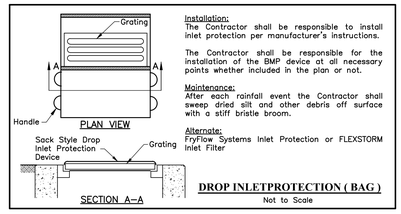
Maintenance:
After each rainfall event the Contractor shall sweep dried silt and other debris off surface with a stiff bristle broom.

**CURB AND GUTTER INLET PROTECTION**
Not to Scale




Notes:
1. Signs to be installed in advance to entrance

**CONSTRUCTION ENTRANCE SIGNAGE**
Not to Scale



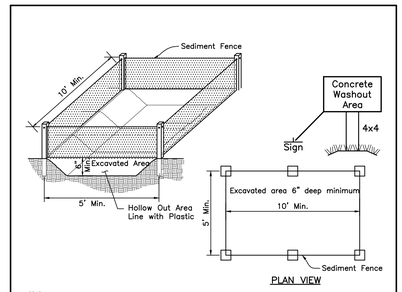

Installation:
The Contractor shall be responsible to install inlet protection per manufacturer's instructions.

The Contractor shall be responsible for the installation of the BMP device at all necessary points whether included in the plan or not.

Maintenance:
After each rainfall event the Contractor shall sweep dried silt and other debris off surface with a stiff bristle broom.

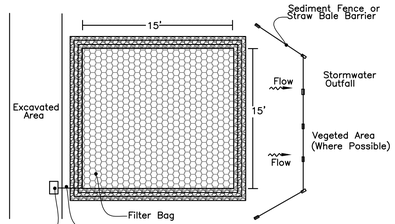
Alternate:
FryFlow Systems Inlet Protection or FLEXSTORM Inlet Filter

**DROP INLETPROTECTION ( BAG )**
Not to Scale




Notes:
1. Concrete trucks shall utilize areas to washout trucks. Accumulated concrete shall be removed from the site and disposed of properly.
2. Washout areas are to be provided by a designated construction exit.
3. The use of portable concrete washout units is approved (and encouraged) for all construction areas in the City of Columbus
4. The exact location of the concrete washout(s) may be field located by the on–site project engineer/contact.

**CONCRETE WASHOUT AREA**
Not to Scale

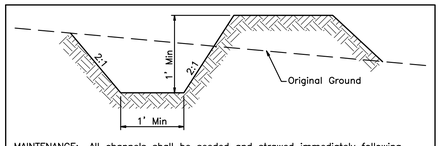



Installation:
The Contractor shall pump muddy water encountered within excavated areas into a filter fabric bag. The bag shall be placed within a level undisturbed area as far away from the stormwater outfall as possible. The bag shall be placed on top of a aggregate pad. Additionally, a perimeter aggregate berm shall be constructed around the bag. Perimeter controls such as straw bale barriers or sediment fence shall be utilized along the downstream side of the bag. The perimeter controls shall be installed to ensure that the water flowing out of the bag does not flow around the ends of the controls. Upon completion, the bag shall be removed to an area away from the stormwater outfall and opened. The accumulated sediment shall be spread out to allow to dry and stabilized with vegetation. Filterbag shall be JMD Enviro–Protection Filter Bag, size is 15'x15' or equal.

Maintenance:
The filter bag shall be replaced when the bag is half filled with sediment.

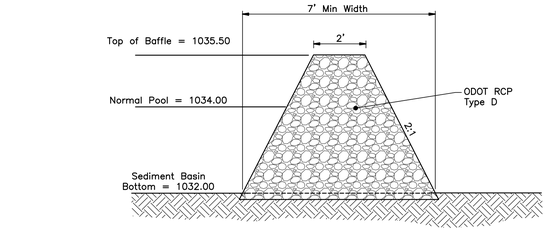
The Contractor shall contact the project inspector/engineer for consultative services if dewatering activities overwhelm the filter bag and perimeter controls.

**DEWATERING FILTER BAG**
SCALE: NONE




MAINTENANCE: All channels shall be seeded and strawed immediately following their construction. The contractor shall be held responsible for maintenance of the channel prior to completion of the project. The slope of the channel shall be such to provide adequate drainage throughout the entire length of the channel.

**TEMPORARY DIVERSION CHANNEL**
SCALE: NONE




**SEDIMENT BASIN ROCK BAFFLE**
SCALE: NONE

| BMP Installation | Kevin Noble | Tel: (614) 355–1553 | Email: Kevin.Noble@nationwidechildrens.org |
|---|---|---|---|
| BMP Maintenance | Same as above | Same as above | Same as above |
| Site Stabilization and BMP Removal | Same as above | Same as above | Same as above |

**NOTE:**
For SWPPP Plan View See Sheet C140.

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 in linear installations.

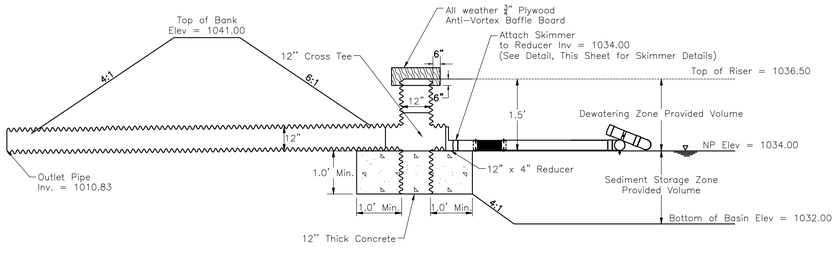
The use of compost filter socks and compost blankets are gaining wider acceptance nationwide. They are now approved for use on all Columbus SWP3 plans and construction sites.

**TABLE 1: PERMANENT STABILIZATION**

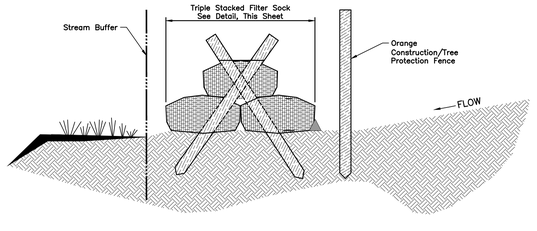
| AREA REQUIRING PERMANENT STABILIZATION | TIME FRAME TO APPLY EROSION CONTROL |
|---|---|
| Any areas that will lie dormant for one year or more | Within seven days of the most recent disturbance |
| Any areas within 50 feet of a surface water of the state and at final grade | Within two days of reaching final grade |
| Any areas at final grade | Within seven days of reaching final grade within that area |

**TABLE 2: TEMPORARY STABILIZATION**

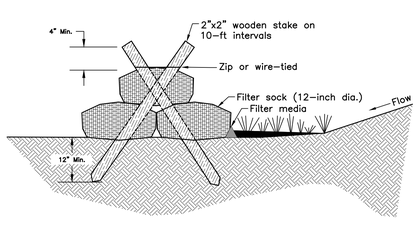
| AREA REQUIRING PERMANENT STABILIZATION | TIME FRAME TO APPLY EROSION CONTROL |
|---|---|
| Ant areas within 50 feet of a surface water of the state and at final grade | Within two days of the most recent disturbance if the area will remain idle for more than fourteen days |
| For all construction activities, any disturbed areas that will be dormant for more than 14 days but less than one year, and not within 50 feet of a surface water of the state | Within seven days of the most recent disturbance within the area<br>For residential subdivisions, disturbed areas must be stabilized at least seven days prior to transfer of permit coverage for the individual lot(s) |
| Disturbed areas that will be idle over winter | Prior to the onset of winter weather |



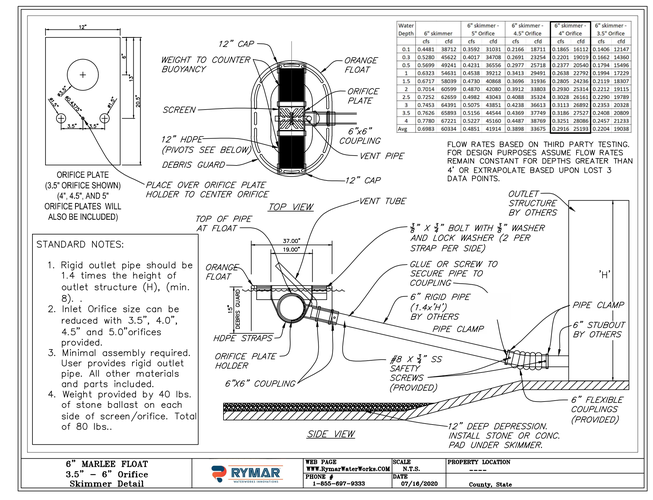

**SEDIMENT BASIN OUTLET CONTROL STRUCTURE**
Not to Scale




**STREAM BUFFER SEDIMENT CONTROL DETAIL** Not to Scale




**TRIPLE STACKED FILTER SOCK**
Scale: None




| Water Depth | 6" skimmer | | 6" skimmer - 5" Orifice | | 6" skimmer - 4.5" Orifice | | 6" skimmer - 4" Orifice | | 6" skimmer - 3.5" Orifice | |
|---|---|---|---|---|---|---|---|---|---|---|
| | cfs | cfd | cfs | cfd | cfs | cfd | cfs | cfd | cfs | cfd |
| 0.1 | 0.4481 | 38712 | 0.3592 | 31031 | 0.3166 | 18721 | 0.1865 | 16112 | 0.1406 | 12147 |
| 0.3 | 0.5280 | 45622 | 0.4017 | 34708 | 0.2691 | 23254 | 0.2201 | 19019 | 0.1662 | 14360 |
| 0.5 | 0.5699 | 49241 | 0.4231 | 36556 | 0.2977 | 25718 | 0.2377 | 20540 | 0.1794 | 15496 |
| 1 | 0.6323 | 54631 | 0.4538 | 39212 | 0.3413 | 29491 | 0.2638 | 22792 | 0.1994 | 17229 |
| 1.5 | 0.6717 | 58039 | 0.4730 | 40868 | 0.3696 | 31936 | 0.2805 | 24238 | 0.2119 | 18307 |
| 2 | 0.7024 | 60599 | 0.4870 | 42080 | 0.3912 | 33803 | 0.2930 | 25316 | 0.2212 | 19115 |
| 2.5 | 0.7252 | 62659 | 0.4982 | 43043 | 0.4088 | 35324 | 0.3028 | 26161 | 0.2290 | 19789 |
| 3 | 0.7453 | 64395 | 0.5075 | 43851 | 0.4238 | 36613 | 0.3113 | 26892 | 0.2353 | 20328 |
| 3.5 | 0.7626 | 65893 | 0.5155 | 44544 | 0.4369 | 37749 | 0.3186 | 27527 | 0.2408 | 20809 |
| 4 | 0.7780 | 67221 | 0.5227 | 45160 | 0.4487 | 38769 | 0.3251 | 28086 | 0.2457 | 21233 |
| Avg | 0.6983 | 60334 | 0.4851 | 41914 | 0.3898 | 33675 | 0.2916 | 25200 | 0.2206 | 19058 |

FLOW RATES BASED ON THIRD PARTY TESTING. FOR DESIGN PURPOSES ASSUME FLOW RATES REMAIN CONSTANT FOR DEPTHS GREATER THAN 4' OR EXTRAPOLATE BASED UPON LOST 3 DATA POINTS.

STANDARD NOTES:
1. Rigid outlet pipe should be 1.4 times the height of outlet structure (H), (min. 8). .
2. Inlet Orifice size can be reduced with 3.5", 4.0", 4.5" and 5.0"orifices provided.
3. Minimal assembly required. User provides rigid outlet pipe. All other materials and parts included.
4. Weight provided by 40 lbs. of stone ballast on each side of screen/orifice. Total of 80 lbs..

**6" MARLEE FLOAT 3.5" – 6" Orifice Skimmer Detail**

RYMAR
WEB PAGE WWW.RymarWaterWorks.COM
PHONE # 1–855–697–9333
SCALE N.T.S.
DATE 07/16/2020
PROPERTY LOCATION ---- County, State


**CLIENT:**
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Columbus, OH 43205
Kevin Noble, RA
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Eddie Weeks, MHA
(614) 355-4231

NATIONWIDE CHILDREN'S

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(614) 254-6225

DLRGROUP

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RAMSA

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EMHT

**LANDSCAPE ARCHITECT:**
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REALM COLLABORATIVE

**CONSTRUCTION MANAGER:**
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Jay Jacobs
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CK CONSTRUCTION


*Design Req. for Architects & Engineers 2023 v13*

- NOT FOR CONSTRUCTION -

# New Albany Close To Home

Nationwide Children's Hospital

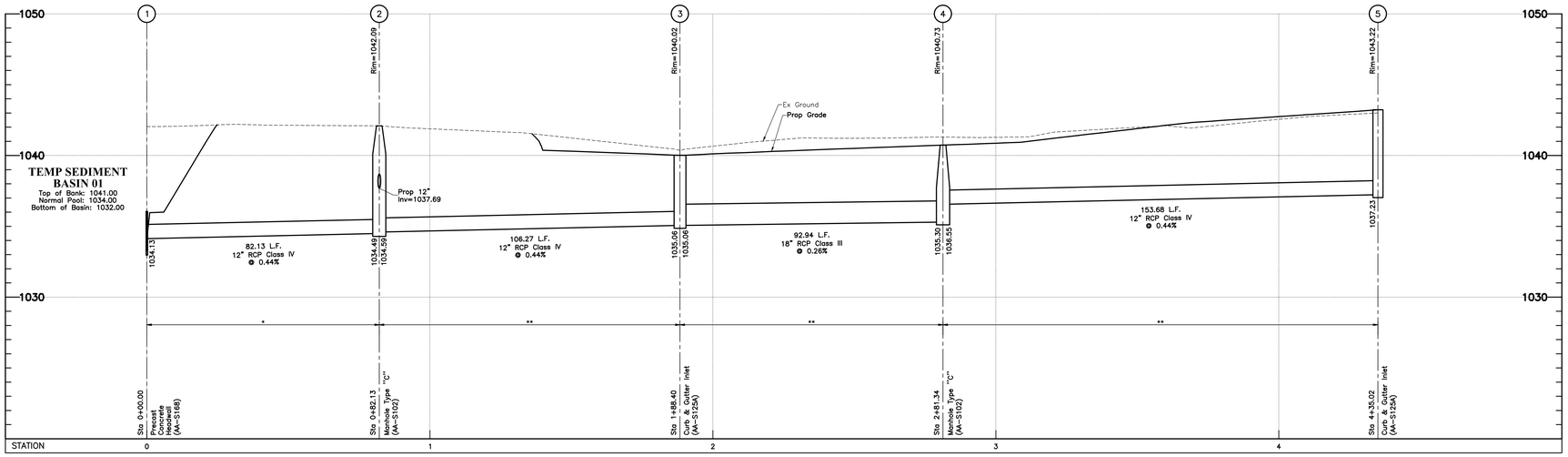
Garrison Parkway, New Albany, OH

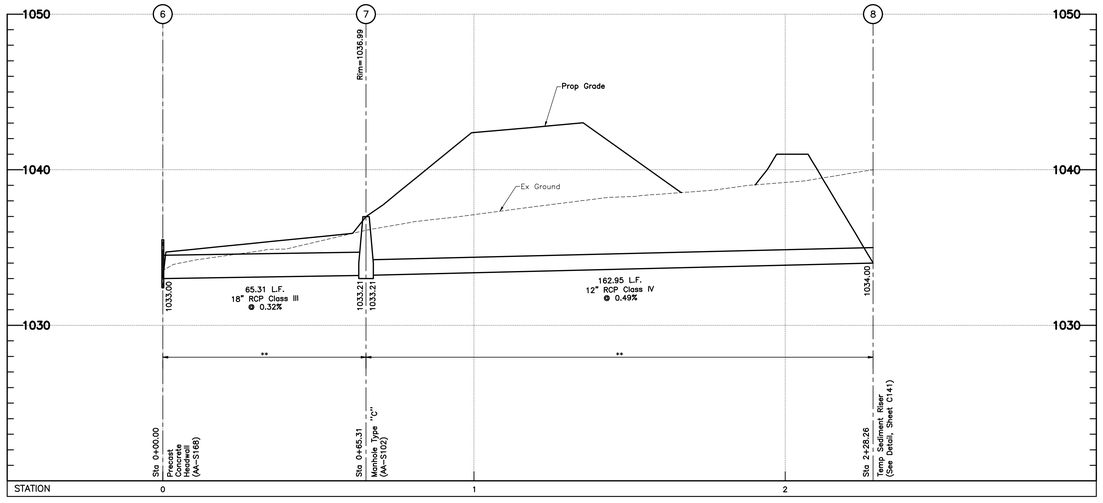
Final Development Plan
July 11, 2025
REVISIONS

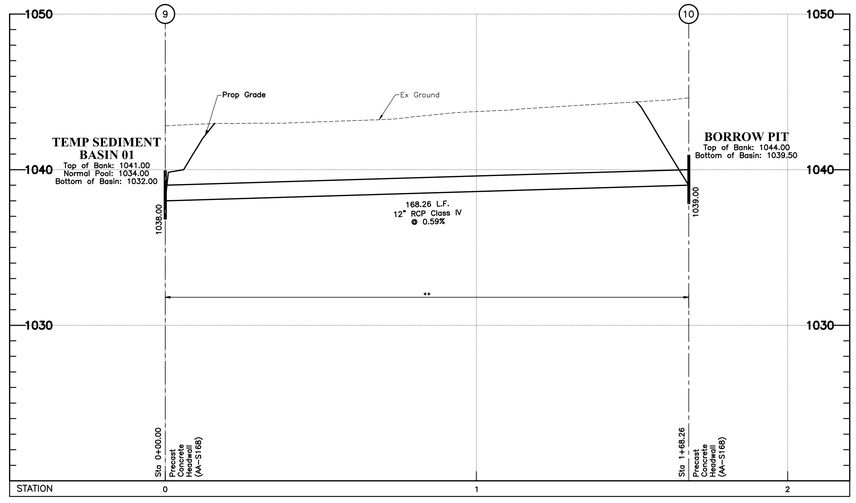
A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

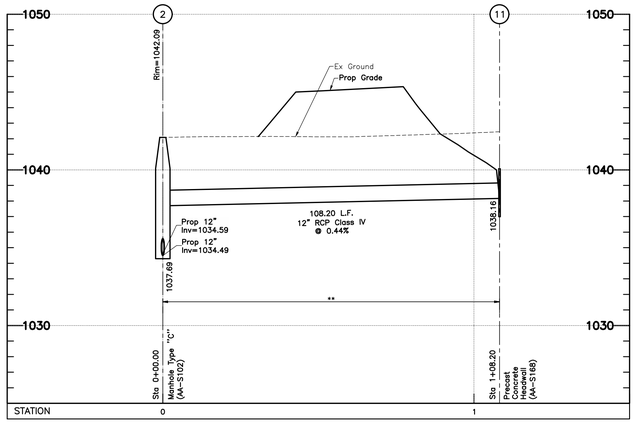
EROS CONTROL PH1 - NOTES & DETAILS

C141




## STRUCTURE COORDINATES

| STRUCTURE # | NORTHING - PLAN | EASTING - PLAN | NORTHING - AS BUILT | EASTING - AS BUILT |
|---|---|---|---|---|
| 1 | 759826.8081 | 1884846.9024 | | |
| 2 | 759890.4800 | 1884898.7798 | | |
| 3 | 759968.2284 | 1884826.3362 | | |
| 4 | 759970.8757 | 1884919.2384 | | |
| 5 | 759975.2531 | 1885072.8542 | | |
| 6 | 759719.5608 | 1884491.2499 | | |
| 7 | 759677.3906 | 1884541.1222 | | |
| 8 | 759712.8121 | 1884700.1742 | | |
| 9 | 759776.5105 | 1884885.2708 | | |
| 10 | 759703.9365 | 1885037.0723 | | |
| 11 | 759928.3349 | 1885000.1458 | | |

## STORM SEWER TABLE

| LINE | BEARING | LENGTH | SIZE |
|---|---|---|---|
| 3–4 | N88°22'04"E | 92.94' | 18" |
| 4–5 | N88°22'04"E | 153.68' | 12" |
| 1–2 | N39°10'19"E | 82.13' | 12" |
| 2–3 | N42°58'38"W | 106.27' | 12" |
| 9–10 | S64°26'54"E | 168.26' | 12" |
| 6–7 | S49°47'00"E | 65.31' | 18" |
| 7–8 | N77°26'42"E | 162.95' | 12" |
| 2–11 | N69°31'19"E | 108.20' | 12" |

## NOTES:

All elevations on this plan are based on NAVD 1988 datum, unless otherwise noted.

All backfill shall be compacted to the density of the existing ground unless otherwise noted:

* Compacted Backfill, Per Item 911

** Compacted Granular Backfill, Per Item 912 (Type I Only)

*** Concrete Encased w/ Compacted Granular Backfill to Subgrade

All fills are to be placed a minimum of 2.5' above the proposed storm sewer prior to the start of sewer construction per Item 203 of CMSC.

Denoted thus:

(#) Pipe runs are to be Reinforced Concrete Pipe per CMSC 706.02, ASTM C-76, with joints meeting ASTM C-443 requirements.

(+) Pipe runs are to be sanitary grade (watertight) pipe and have watertight joints per City of Columbus Construction and Material Specification 901.15, and Trench Dams per City of Columbus Construction and Material Specification 901.11. This applies to full length, from structure to structure.

† Contractor shall maintain a 1.5' minimum clearance from outside of pipe to outside of pipe for all utility crossings unless otherwise noted.

§ Contractor to verify invert and location of existing utility before construction.

Invert shown per site survey. Contractor to field verify invert and location of existing utility prior to ordering materials.

1. Contractor shall field verify and match material of existing concrete elliptical pipe prior to ordering materials.

HORIZ 1 inch = 20 Feet: 0, 10, 20, 40

VERT 1 inch = 5 Feet: 0, 2.5, 5, 10


**CLIENT:**
Nationwide Children's Hospital
Engineering Services
700 Children's Drive
Ross Hall, RI4000
Columbus, OH 43205
Kevin Noble, RA
(614) 355-1553
Eddie Weeks, MHA
(614) 355-4231

**ARCHITECT OF RECORD, STRUCTURAL & MEP ENGINEER:**
DLR Group
250 West St, Suite 150
Columbus, OH 43215
Bryce Shirley, RA
(614) 254-6225

**EXTERIOR DESIGN ARCHITECT:**
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**CIVIL ENGINEER:**
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Brian Bernstein
(216) 647-5888

**CONSTRUCTION MANAGER:**
CK Construction Group
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Westerville, OH 43081
Jay Jacobs
(614) 212-5724


*Design Reg. for Architects & Engineers 2023 v13*

- NOT FOR CONSTRUCTION -

# New Albany Close To Home

Nationwide Children's Hospital

Ganton Parkway, New Albany, OH

Final Development Plan

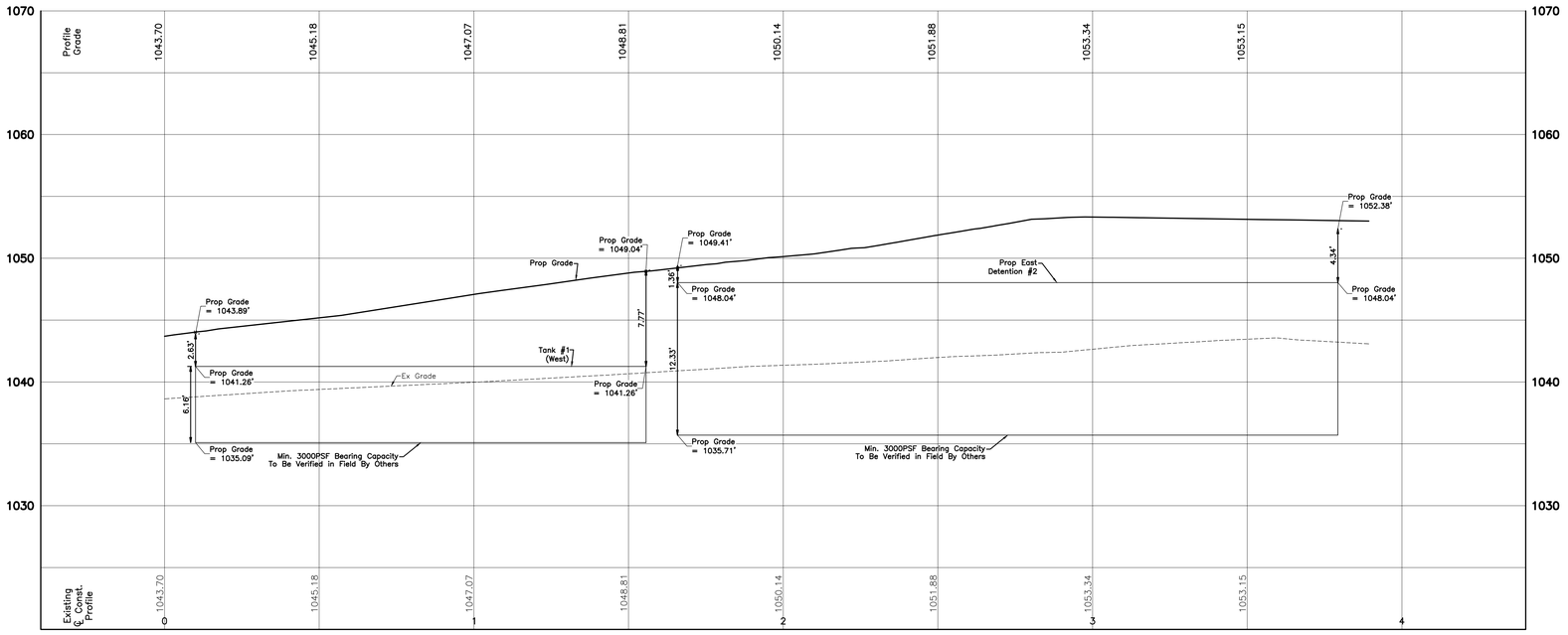
July 11, 2025

REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

STORM PROFILES - PH1

C142




**NOTES:**

1. The west tank is limited to 5'8" because of the roadway around the west side of the site being too low, higher heights short circuit to Rose Run. The west roadway therefore cannot drain to the east tank.
2. The east tank can be double the height and be more cost effective because the tributary area to the tank is above an elevation of 1050, vs. 1041 for the west tank.
3. Having one larger tank with a height of 5'8" is not cost effective and the cover over the tank the farther it extends east becomes excessive and may not be viable structurally, the taller tank eliminates those concerns.

HORIZ 1 inch = 20 Feet: 0, 10, 20, 40

VERT 1 inch = 5 Feet: 0, 2.5, 5, 10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Westerville, OH 43081
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*Design Req. for Architects & Engineers 2023 v13*

- NOT FOR CONSTRUCTION -

# New Albany Close To Home

Nationwide Children's Hospital

Gaston Parkway, New Albany, OH

Final Development Plan

July 11, 2025

REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

DETENTION PROFILE

C143

## ESTIMATE OF QUANTITIES

The Quantities Have Been Established As A Means For The City To Estimate The Necessary Development Fees. The Contractor Shall Be Solely Responsible For Determining The Required Bid Quantities Necessary For The Completion Of The Plan Improvements.

| ITEM | QUANTITY | UNIT | DESCRIPTION |
|---|---|---|---|
| 604 | 1 | Each | Sanitary Manhole Reconstructed to Grade |
| 604 | 9 | Each | Sanitary Manhole, Type C |
| 901 | 559 | Lin Ft | 8" Sanitary Pipe, With Type II Bedding, with Item 912 Compacted Granular Material |
| 901 | 525 | Lin Ft | 12" Sanitary Pipe, With Type II Bedding, with Item 912 Compacted Granular Material |
| 901 | 300 | Lin Ft | 15" Sanitary Pipe, With Type II Bedding, with Item 912 Compacted Granular Material |
| 901 | 494 | Lin Ft | 18" Sanitary Pipe, With Type II Bedding, with Item 912 Compacted Granular Material |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Calculated by: SPO Date: 07/14/2025 Checked by: PCS Date: 07/14/2025

## BENCH MARKS
(NAVD 1988)

SOURCE BM FCGS 9917A — Aluminum cap in concrete monument, at a P.I. in the centerline of Reynoldsburg–New Albany Road (STA 103+72.27 1984 plans), 162.8 feet south of Dublin–Granville Road, on a P/L west, access through Franklin County road monument box. Monument replaces a found PK nail.
Elev. = 1022.22

BM#1 — Chiseled "X" on the west rim of a storm manhole located 15 feet west of the southwest stubbed end of Theisen Road.
N:759727, E:1884352 Elev. = 1039.39

BM#7 — Chiseled "X" on the south flange bolt of a fire hydrant located on the north side of E. Dublin Granville Road, being the fifth hydrant east of the intersection of E. Dublin Granville Road and 3rd Street.
N:758017, E:1884036 Elev. = 1031.58

BM#Z18 — Brass disk on the southeast corner of Dublin–Granville Road culvert PLA 546–15.44, 0.38 miles west of road monument FCGS 6609 Reset at Kitzmiller Road, 17.5 feet south of the centerline.
N:757889, E: 1885393 Elev. = 1048.11

## HORIZONTAL REFERENCE POINTS (OHIO SOUTH ZONE)*

| POINT | DESCRIPTION | NORTHING | EASTING |
|---|---|---|---|
| ▲ #202 | 1052 #202 IPF w/ cap | 757873.941 | 1886350.912 |
| ▲ #204 | 1152 #204 IPS w/ cap | 759657.339 | 1884341.257 |
| ▲ #206 | 1152 #206 IPS w/ cap | 758240.411 | 1884086.562 |
| ▲ #207 | 1152 #207 IPS w/ cap | 757978.025 | 1884886.232 |

* Horizontal reference datum = NAD 83 (1986 adj)
(See Index Map for reference point locations)

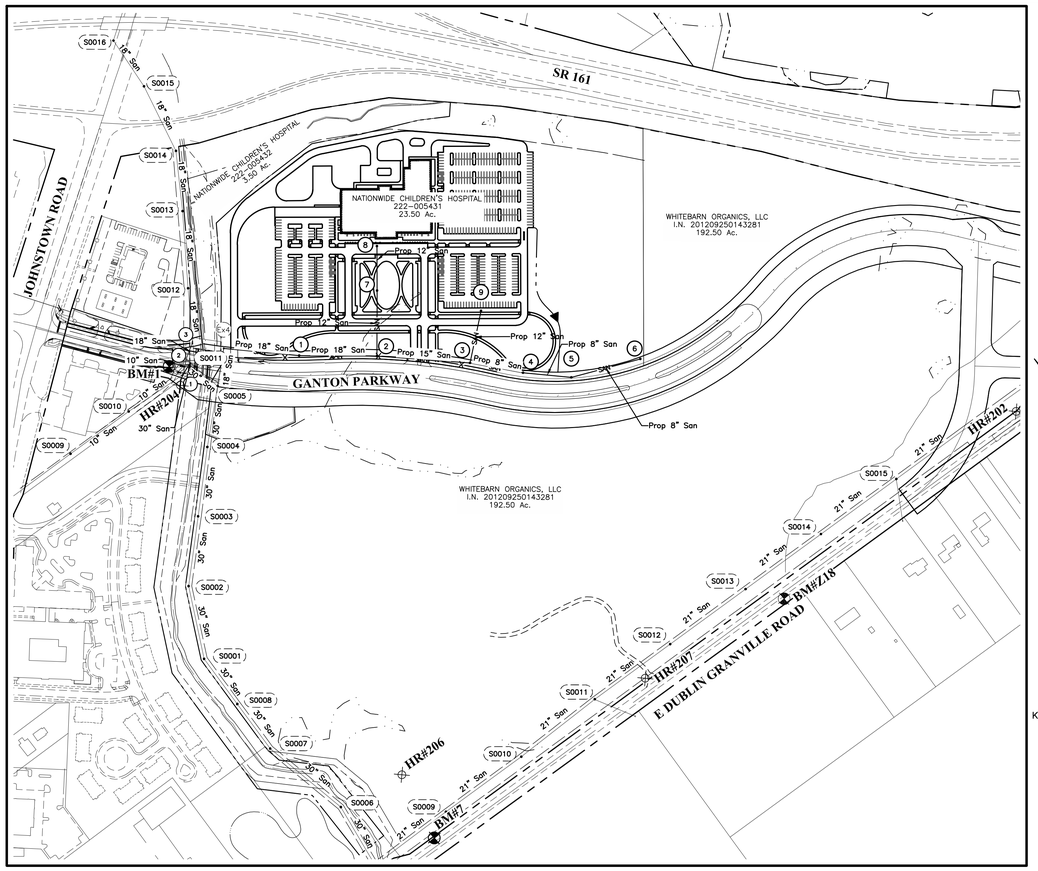
## SANITARY SEWER NOTES:

Connection to sanitary sewer cannot be made without obtaining a permit from the Sewer Permit Office at 111 N. Front Street, 1st Floor, (614)645–7490.

Sanitary Services are shown on this plan for reference only. Approval of this plan does not constitute approval of the sanitary services, their locations. Contact the DPU Permit Office 111 N. Front Street for sanitary service approval.

## NOTICE TO PERMIT CLERK, CONTRACTOR AND CONSTRUCTION INSPECTOR

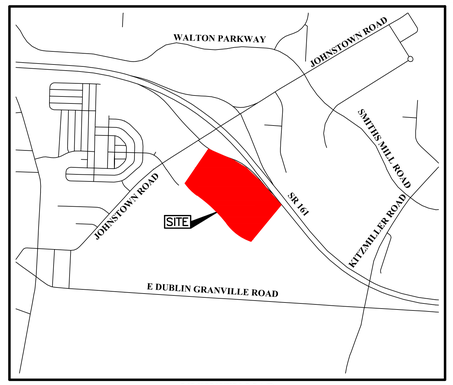
1. The services for the proposed buildings at ADDRESS are to be installed in conjunction with the mainline sewer.
2. All appropriate Permit and System Capacity Fees for these buildings must be paid with the standby inspection fees prior to installation.
3. No services may be connected to any buildings until the mainline and service have been inspected, tested, and approved for use.
4. In the event a building is connected to the service before the mainline is approved for use, the Developer shall be responsible for all costs to disconnect the service and have all affected lines thoroughly cleaned and disinfected before any further inspection or testing is conducted for Division of Construction Inspection approval of the project.
5. All building sign–off cards will be signed in the permit office after the mainline has been tested and approved for use.




INDEX MAP
Scale: 1" = 200'

GRAPHIC SCALE
0 100 200 400
1 inch = 200 feet

Sanitary Sewer Plan No.: CC–20____
Water Service Plan No.: WSP–_____




VICINITY MAP
Not to Scale

## SHEET INDEX


TITLE SHEET _____ 1
GENERAL NOTES _____ 2–3
TRIBUTARY MAP _____ 4
PLAN AND PROFILE _____ 5–8



**DEVELOPER/OWNER**
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Tel: (614) 355–1553
Kevin.Noble@nationwidechildrens.org

**ENGINEER**
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### ATTRIBUTE

| | |
|---|---|
| Receiving Manhole | 4 |
| Site Tributary Area (acres) | 36.730 |
| Population Density (ppa) | 35.700 |
| Total Population (people) | 1312.300 |
| Design Flow (cfs) | 0.790 |

## STANDARD CONSTRUCTION DRAWINGS

The Standard Drawings listed on these plans shall be considered a part thereof:

City of Columbus

AA–S102 AA–S106 AA–S107 AA–S111 AA–S117 AA–S119 AA–S149 AA–S150 AA–S151 AA–S160 AA–S161

Notify OHIO811.org Before You Dig
Notify online using Remote Ticket Entry
To call dial 8-1-1 or 800-362-2764
ildig

PM - 553

**EASEMENT REFERENCE**

| CITY NO. | COUNTY RECORDER VOL. | COUNTY RECORDER PAGE | GRANTOR |
|---|---|---|---|
| | | | |

**REVISIONS**

| NO. | DESCRIPTION | APPROVAL/DATE |
|---|---|---|
| | | |
| | | |
| | | |

**PLAN PREPARED BY:**
EMHT
Evans, Mechwart, Hambleton & Tilton, Inc.
Engineers • Surveyors • Planners • Scientists
5500 New Albany Road, Columbus, OH 43054
Phone: 614.775.4500 Toll Free: 888.775.3648
emht.com

REGISTERED ENGINEER E–XXXXX NO. DATE

**APPROVALS:**
SIGNATURES BELOW SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSES AND GENERAL LOCATIONS OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS. APPROVAL FOR SANITARY SEWERS ONLY.

CITY ENGINEER/ADMINISTRATOR, DIVISION OF DESIGN & CONSTRUCTION — DATE
ADMINISTRATOR, DIVISION OF POWER — DATE
ADMINISTRATOR, DIVISION OF SEWERAGE & DRAINAGE — DATE
ADMINISTRATOR, DIVISION OF WATER — DATE

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION
PLAN SET DATE July 25, 2025

**PROJECT TITLE:**
PRIVATE SANITARY SEWER IMPROVEMENT PLAN FOR
# NATIONWIDE CHILDREN'S CLOSE TO HOME

DIVISION USE ONLY | OWNER | CONTRACTOR | INSPECTOR
AGREEMENT | COMPLETED | RPD | CKD | CID | CON.DR.
INDEX DETAIL | RECORD FILE

**CITY OF COLUMBUS, OHIO**
**DEPARTMENT OF PUBLIC UTILITIES**
**DIVISION OF SEWERAGE AND DRAINAGE**
DIVISION USE ONLY

SCALE: As Noted
SHEET: 1/ 8
CONTRACT DRAWING NO.: CC-20XXX
RECORD PLAN NO.:

**CLIENT:**
Nationwide Children's Hospital
Engineering Services
700 Children's Drive
Ross Hall, R4000
Columbus, OH 43205
Kevin Noble, RA
(614) 355-1553
Eddie Weeks, MHA
(614) 355-4231

NATIONWIDE CHILDREN'S

**ARCHITECT OF RECORD, STRUCTURAL & MEP ENGINEER:**
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DLRGROUP

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RAMSA

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CK CONSTRUCTION

*Design Req. for Architects & Engineers 2023 v13*

- NOT FOR CONSTRUCTION -

New Albany Close To Home
Nationwide Children's Hospital
Ganton Parkway, New Albany, OH

Final Development Plan
July 11, 2025
REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

TITLE SHEET

C201

J:\20240789\Dwg\04Sheets\San CC\20240789 Title and Notes.dwg, Last Saved By: soreilly, 7/15/2025 10:19 AM Last Printed By: O'Reilly, Shane, 7/25/2025 1:16 PM
Xref: CC Border

## 1.0 GENERAL

1.1 STANDARDS
The City of Columbus and Ohio Department of Transportation Construction and Material Specifications, current editions, together with the City of New Albany specifications including all supplements thereto (hereafter referred to as Standard Specifications), shall govern all construction items of these plans unless otherwise noted. If conflict between specifications is found, the more strict specification will apply as decided by the City Engineer. CMSC item numbers listed refer to the City of Columbus Construction and Material Specifications.

1.2 PLAN MODIFICATIONS
Any modifications to the work as shown on these drawings must have prior written approval by the City Engineer, City of New Albany. Inspectors have no authority to approve revisions in the field.

1.4 PRE-CONSTRUCTION CONFERENCE
1.4.1 A pre-construction conference involving a representative of the City of New Albany, the Owner, the Principle Contractor, and all available Sub-Contractors will be held prior to the start of construction.

1.4.2 All easements shall be recorded and submitted to the City Engineer prior to the pre-construction conference.

1.4.3 During the conference the Contractor shall submit his construction schedule, proposed schedule for controlling siltation and erosion, and for temporary and permanent seeding for the project.

1.5 WORKING HOURS
1.5.1 City Ordinance 521.12 restricts the hours of work to 7:30 am to 7:00 pm.

1.5.2 Work will not be permitted on Sundays unless otherwise approved by the City Manager.

1.6 INSPECTION
1.6.1 Inspection on this project will be provided by the representatives of the City of New Albany.

1.6.2 The Owner shall deposit with the City of New Albany the total estimated costs for construction inspection prior to any construction operations.

1.6.3 The Contractor shall notify the City Engineer at least 48 hours prior to construction.

1.7 WORK WITHIN PUBLIC RIGHT-OF-WAYS
1.7.1 All trenches within public right-of-way shall be backfilled according to the approved construction drawings or securely plated during non-working hours. Trenches outside these areas shall be backfilled or shall be protected by approved temporary fencing or barricades during non-working hours. Clean up shall follow closely behind the trenching operation. Trenches within City right of way shall be backfilled per Item 911, City of Columbus Construction and Material specification. Item 912 (Type 1 Only) compacted granular backfill shall be used within the 45 degree influence plane of paved surfaces.

1.7.2 The contractor shall be responsible for the condition of trenches within the right-of-way and public easements for a period of 2 (two) years from the final acceptance of the work, and shall make any necessary repairs at no cost to the City of New Albany. The Developer/Contractor shall provide a letter to the City indicating any settlement of the trenches will be repaired at their expense for a period of 5 (five) years from the date of acceptance of the subdivision or site (whichever applicable).

1.7.3 Non-rubber tired vehicles shall not be moved on public streets. The City Engineer may grant exceptions where short distances and special circumstances are involved. Granting exceptions must be in writing, and any damages must be repaired to the satisfaction of the City of New Albany.

1.7.4 No materials, including pipe, shall be stored within the public right-of-way or within one hundred (100) feet of any intersecting street or driveway. During non-working hours, storage of equipment shall comply with these same requirements. Compliance with these requirements along with additional provisions of the contract specifications shall not relieve the contractor of their legal responsibility to maintain job safety.

1.7.5 Any deteriorated pavement due to construction operations shall be saw cut and removed and replaced as per City of Columbus Standard Drawing 2130 Dr.A. The location of the saw cut shall be determined by the City Engineer in the field.

1.7.6 When a new roadway is to adjoin an existing roadway any existing underdrain is to be maintained, or replaced if not functional. A relief joint shall be constructed at the intersection of the existing and new road.

1.7.7 Ingress and egress shall be maintained at all times to public and private property. Access to all adjoining properties shall be maintained at all times.

1.7.8 Access to the site shall be provided through the construction access drive (only) as shown on the erosion control plan.

1.7.9 When mail boxes, road or street name signs and supports interfere with construction, the contractor shall remove and erect them in temporary locations during construction in a manner satisfactory to the City Engineer and U.S. Postal Service. After completion of the construction and before final acceptance of the project the contractor shall erect the mailboxes, road or street name signs and supports in a permanent location in accordance with the plans unless otherwise directed by the City Engineer. Removal, temporary erection and permanent erection of mailboxes shall be in accordance with U.S. Postal regulations. This work shall be performed at no cost to the City or the property owners.

1.7.10 Trenches along roadways shall be protected in accordance with the ODOT 'Drop offs in Work Zones' policy copies of which are available from the Ohio Department of Transportation, Bureau of Traffic, 1980 E. Broad Street, Columbus, Ohio 43215.

1.7 EQUIPMENT ON PUBLIC ROADS
Non-rubber tired vehicles shall not be moved on public streets. The City Engineer may grant exceptions where short distances and special circumstances are involved. Granting exceptions must be in writing, and any damages must be repaired to the satisfaction of the City of New Albany.

1.8 TRAFFIC MAINTENANCE
1.8.1 All traffic control devices shall be furnished, erected, maintained and removed by the Contractor in accordance with the Ohio Manual of Uniform Traffic Control Devices for Construction and Maintenance Operations (current edition), copies of which are available from the Ohio Department of Transportation, Bureau of Traffic, 1980 West Broad Street, Columbus, Ohio 43215.

1.8.2 All traffic lanes shall be fully open to traffic on all public roadways. Any lane closings must be coordinated with the City Engineer at least 48 hours prior to the lane closure.

1.8.3 Steady-burning Type 'C' lights shall be required on all barricades, drums, and similar devices in use at night.

1.8.4 Manual control of traffic by anyone other than a police officer is not permitted.

1.8.5 The maintenance of traffic should follow Typical Application (TA)-6 'Shoulder Work with Minor Encroachment' from the Ohio Manual of Uniform Traffic Control Devices (OMUTCD) current edition and ODOT SCD MT-101.90 for drop off requirements.

1.8.6 The minimum lane width of 10 feet must be maintained if the work zone encroaches in to the traveled lane. If this requirement cannot be met, the lane must be closed and flaggers employed following Typical Application (TA)-10 Lane Closure on a Two Lane Road Using Flaggers' from the Ohio Manual of Uniform Traffic Control Devices (OMUTCD) current edition.

1.8.7 This operation may be performed at any time, except during peak hours (7am – 9am and 4pm–6pm).

1.8.8 If in the opinion of the City Engineer, the Contractor fails to comply with these requirements and the provisions of the approved maintenance of traffic plan, the City Engineer shall suspend work until all requirements are met. Any costs or delays incurred as a result of the failure shall be the full responsibility of the Contractor.

1.8.9 The following devices must meet NCHRP 350 or MASH-08 before the devices are installed on the project: drums, cones, vertical panels and the panel support, portable sign supports, temporary impact attenuators, temporary concrete barrier, and barricades.

1.8.10 Payment for all traffic maintenance items shall be included within the price bid for the project improvements.

1.8.11 All permanent traffic controls not in conflict with the temporary controls shall be maintained throughout this project by the Contractor. Permanent traffic controls may be temporarily relocated, as approved by the Engineer. The Contractor shall assume all liability for missing, damaged and improperly placed signs.

1.8.12 The Contractor shall be responsible for the reinstallation and/or replacement of all permanent traffic control devices damaged or removed during the construction. Permanent traffic control no longer in conflict with temporary traffic control shall be replaced immediately.

1.9 EXISTING TRAFFIC SIGN MAINTENANCE
1.9.1 Special care shall be taken to maintain existing signs. If necessary, the contractor shall relocate these signs out of the way of construction, but in conformance with OMUTCD. Any damaged signs shall be replaced at the expense of the contractor.

1.10 LOCAL ACCESS
1.10.1 Ingress and egress shall be maintained to all residential and commercial properties. Driveway closure may be necessary to enable work on or in front of a drive. The contractor will be responsible for notifying owners, residents, or business operators in writing at least 48 hours but not more than 72 hours prior to closure. The engineer shall be given a list of the persons that were given notices with the date of notice included. Closure is permitted only during work hours and access must be returned at the end of each working day. Properties with multiple drives may have one drive closed at a time, while work is performed in the area of the closed drive. Individual drive closures shall be kept to the minimum time needed for construction activities. Every effort must be made to accommodate the owner's need for access.

1.11 DUST CONTROL
The contractor shall be responsible for providing Dust Control measures in accordance with COCCMS Item 616. Dust control operations shall be performed on a periodic basis and/or as directed by the City Engineer to alleviate or prevent a dust nuisance originating within the project limits. Calcium chloride on areas to be seeded and mulched will not be permitted. The cost for all dust control measures shall be included in the price bid for the project improvements.

1.12 MAINTAIN DRAINAGE
The flow in all sewers, drains, field tiles and watercourses encountered shall be maintained by the Contractor. Whenever such watercourses and drains are disturbed or destroyed during the prosecution of the work, they shall be restored by the Contractor to a condition satisfactory to the City Engineer.

1.13 REPLACEMENT OF DRAIN TILE AND STORM SEWER
All drain tile and storm sewers damaged, disturbed, or removed as a result of the Contractor's operations shall be replaced with the same quality pipe or better, maintaining the same gradient as existing. The drain tile and/or storm sewer shall be connected to the curb sub-drain, storm sewer system or provided with an outlet into the roadway ditch as applicable. Replaced drain tile/storm sewer shall be laid on bedding compacted to 95% maximum density.

1.14 DEWATERING
1.14.1 Contractors installing any well, well point, pit, or other device(s) used for the purpose of removing ground water from an aquifer shall complete and file a Well Log and Drilling Report with the Ohio Department of Natural Resources within 30 days of the well completion in accordance with the Ohio Revised Code Section 1521.16 and 1524.05. In addition, any such facility shall be completed in accordance with Section 1521.15 of the Ohio Revised code. For copies of the necessary well log, drilling report, or registration forms, contact:

Ohio Department of Natural Resources
Division of Water
Fountain Square
Columbus, Ohio 43224-1387
(614) 265-6717

1.14.2 The contractor shall be responsible to the ODNR for registry, maintenance and abandonment of any withdrawal device used in the construction of this project.

1.14.3 Any well, well point, pit, or device installed for the purpose of lowering the ground water to facilitate construction of this project shall be properly abandoned in accordance with the provisions of Section 3745.9.10 of the Ohio Administrative Code or in accordance with the provisions of this plan.

1.14.4 The outlet for the well shall be directed into a suitable erosion control device as approved by the City Engineer.

1.14.5 If during construction of the sewer, the water wells belonging to nearby residences are dewatered, the contractor shall provide potable water to the residents. Bottled water will be provided in 4 hours and a 500 gallon water tank hooked up to the existing plumbing system will be provided within 48 hours should well service become dewatered. If the well is unable to be re-commissioned after construction, a tap to a water line shall be provided if available or another well dug, at no extra cost to the residents.

1.15 BLASTING
If the contractor intends to use blasting during excavation, the blasting shall be in accordance with the City of a New Albany Ordinance 1505.

1.16 PERMITS
The Contractor shall be responsible to obtain all necessary permits unless otherwise noted.

1.16.1 A tap permit for domestic and commercial waterline services must be obtained from the City of Columbus and the City of New Albany prior to making the tap into the public waterline.

1.16.2 No service connection permits shall be issued or connections made to any service taps until waterlines have been disinfected (chlorinated).

1.16.3 Excavation and Driveway Permit(s) for work within the public right-of-way limits shall be obtained from the City as warranted.

1.16.4 No building permits will be issued until all punch list items are completed to the satisfaction of the City of New Albany. Domestic waterline taps for potable use and fire supply and sanitary sewer connection permits must be coordinated with the City of Columbus and the City of New Albany and all associated fees must be paid prior to making the tap. Water service will not be provided until all lines have been chlorinated.

1.17 CONSTRUCTION LAYOUT
General Field layout control will be provided by the Owner. Provisions for all other construction staking required to accomplish the utility improvements shall be performed by a State of Ohio Licensed Professional Surveyor in accordance with Contract Documents.

1.17.1 All construction layout stakes (placed at intervals not to exceed 50') are to be set on the opposite side of the trench from where the excavated soil is placed. Stakes are to be preserved by the Contractor. If the above is not followed, work shall be suspended until the Contractor has requested re-staking, stakes have been replaced, and revised cut sheets have been approved.

1.17.2 Construction shall not be initiated until cut sheets have been submitted digitally to the City Engineer.

1.18 CLEARING AND GRUBBING
Any additional clearing and grubbing beyond that performed as part of the Mass Excavation shall be included as part of this plan. Costs associated with tree, brush or stump removal shall be included with the unit prices for the improvements. Trees planned to be removed shall be shown on the plans. City approval shall be obtained prior to removing trees.

1.18.1 Silt Fence or Snow Fence shall be used, if deemed necessary, to preserve the maximum amount of existing trees and vegetation.

1.19 AGGREGATE BASE AND BACKFILL MATERIAL
Aggregate base and backfill material shall be free of recycled concrete, reclaimed asphalt pavement, brick, wood or any other deleterious material that would prevent proper compaction from being achieved.

1.20 PROHIBITED CONSTRUCTION ACTIVITIES
The contractor shall not use construction proceedings, activities or operations that may unnecessarily impact the natural environment or the public health and safety. Prohibited construction proceedings, activities or operations include, but are not limited to:

(a) Disposing of excess or unsuitable excavated material in wetlands or floodplains, even with the permission of the property owner.
(a) Indiscriminate, arbitrary, or capricious operation of equipment in any stream corridors, any wetlands, any surface waters, or outside the easement limits.
(b) Pumping of sediment-laden water from trenches or other excavations into any surface waters, any stream corridors, any wetlands or storm drains.
(c) Discharging pollutants such as chemicals, fuel, lubricants, bituminous materials, raw sewage, and other harmful waste into or alongside of rivers, streams, impoundments or into natural or man-made channels leading thereto.
(d) Permanent or unspecified alteration of flow line of a stream.
(e) Damaging vegetation outside of the construction area.
(f) Disposal of trees, brush and other debris in any stream corridors, an wetlands, and surface water, or at unspecified locations.
(g) Open burning of project debris without a permit.
(h) Storing construction equipment and vehicles and/or stock piling construction materials on property, public or private, not previously specified by the City Engineer for said purpose.

1.21 SHEETING & BRACING
Any sheeting and bracing necessary to install the proposed project improvements shall be furnished, installed, and maintained by the Contractor at the Contractor's expense. The use of sheeting and bracing shall be determined per the means and methods of the Contractor. No separate payment shall be made for sheeting and bracing. At ALL times the Contractor shall be required to excavation in a manner that is safe to all workers and the general traveling public. ALL OSHA requirements shall be upheld and sound safety practices shall be exercised at all times. Removal of sheeting and bracing items upon completion of work will be required as directed by the City of Columbus representatives.

## 2.0 SANITARY SEWER

2.1 CLEAN WATER CONNECTIONS PROHIBITED
Roof drains, foundation drains, and other clean water connections to the sanitary sewer system are prohibited on this project.

2.2 RISERS
Service risers, item 914, shall be installed where depth from the wye fitting to the existing or proposed surface elevation exceeds 10 feet. Top of riser shall be no more than 9 feet +/- below existing or proposed surface elevation, whichever is higher.

2.3 SANITARY SERVICES
2.3.1 All sanitary services shall be a minimum of 2.08% grade (1/4" per foot).

2.3.2 All sanitary sewer lines installed on this project shall be in accordance with CMSC Item 901 & ASTM D-2321, or approved equal. Minimum requirements for sanitary sewer on the project shall be PVC sewer pipe ASTM D-3034 or High Density HDPP ASTM F-2736 & F-2764. All joints shall be gasketed integral bell & spigot in accordance with ASTM D-3212.

2.3.3 All sanitary sewer including service lines shall be subject to and pass infiltration or ex-filtration tests according to CMSC Item 901.20 and must be approved for use by the City Engineer before any service connections are tapped into sewers. Refer to Item 901.20 (3) for sanitary manhole testing requirements. All public sanitary sewer lids shall be stamped NEW ALBANY OHIO SANITARY SEWER. All private sanitary sewer lids shall be stamped PRIVATE SANITARY SEWER.

2.3.4 All sanitary sewer lines installed on this project using PVC or HDPP pipe will be subject to deflection testing by pulling an approved Mandrel equal in diameter to 95% of the pipe diameter through the pipe after backfilling and 30 days have passed for weight transfer of the backfill to the pipe and bedding, as required under CMSC Item 901.21.

2.3.5 Existing manhole shall be core cut to accept proposed sanitary sewer. All manholes shall be tested in accordance with CMSC Item 901.20.

2.3.6 The Contractor shall submit a copy of the plans and a list of proposed pre-cast concrete product manufactures to the City of Columbus Construction Inspection Division before commencing construction. Send the information to the following address:
Construction Inspection Division
City of Columbus
1800 East 17th Avenue
Columbus, Ohio 43219

2.4 DEFLECTION TESTING
All sewer lines installed on this project using P.V.C., HDPE or HDPP pipe will be deflection tested by pulling an approved Mandrel equal in diameter to 95% of the pipe diameter through the pipe after pipe is backfilled and a sufficient amount of time is allowed for weight transfer of the backfill to the pipe and bedding, as required under CMSC item 901.21. Testing shall be performed no sooner than 30 days after installation and backfilling.

2.5 TRENCH DAMS
Cut off trench dams, in accordance with item 901.11, shall be constructed between each pair of manholes.

2.6 TEMPORARY BULKHEADS
Temporary bulkheads shall be placed where indicated on the plans, and shall remain in place until removal is directed by the City Engineer.

2.7 WYE POLES
Wye poles shall be placed at the end of sanitary service laterals and at the end of stub mainlines ending 5 feet or more from a manhole. The wye pole shall be placed from the pipe to at least three feet above the proposed grade. A 2 foot long minimum section of rebar shall be placed vertically alongside the wye pole 6 inches below the proposed grade. The rebar shall not be fastened in any way to the wye pole.

2.8 MANHOLE CORING
The contractor shall furnish all material, equipment, and labor to make connections to existing manholes. The sewer pipe to manhole connections for all sanitary sewers shall be flexible and watertight. All holes shall be neatly cored. The sewer pipe barrel at the springline shall not extend more than 1-inch beyond the inside face of the manhole. Any metal that is used shall be Type 300 Series Stainless Steel. The connection may be any of the following:
1. Rubber Sleeve with Stainless Stell Banding.
a. Kor-N-Seal as manufactured by National Pollution Control Systems, Inc.
b. Lock Joint Flexible Manhole Sleeve as manufactured by Interpace Corporation.
c. Or equal as approved by the City Engineer.

2. Rubber Gasket Compression.
a. Press Wedge II as manufactured by Press-Seal Gasket Corporation.
b. Dura Seal III as manufactured by Dura Tech, Inc.
c. Link-Seal as manufactured by Thunderline Corporation.
d. Or equal as approved by the City Engineer.

2.9 SEWER INSPECTION
2.9.1 The Contractor shall ensure there is a surveyor's level and rod on the project for use in performing grade checks whenever sewer line structures or pipe are being installed. The Contractor shall make this equipment available for the use of and assist the City Inspector in performing grade checks when requested by the inspector. The Inspector will make all reasonable attempts to confine requests for assistance in performing grade checks to times convenient to the Contractor.

2.9.2 These checks will be performed to ensure the following:

1. Proper placement of each structure.
2. Proper installation of initial runs of pipe from a structure.
3. Grade, after an overnight or longer shutdown.
4. Grade, at any other time the Inspector has reason to question grade of installation.

2.9.3 Grade checks performed by the City Inspector in no way relieve the Contractor for the ultimate responsibility to ensure construction to the plan grade.

2.9.4 At the request of the City Engineer, the contractor shall remove 36" storm sewer castings for inspection during construction and for final inspection.

2.9.5 Deflection Testing
All sewer lines installed on this project using P.V.C., HDPP, or H.D.P.E. pipe will be deflection tested by pulling an approved Mandrel equal in diameter to 95% of the pipe diameter through the pipe after pipe is backfilled and a sufficient amount of time is allowed for weight transfer of the backfill to the pipe and bedding, as required under CMSC item 901.21. Testing shall be performed no sooner than 30 days after installation and backfilling.

## 3.0 EROSION CONTROL

Refer to New Albany Commerce II Site Improvement Plan for Erosion & Sediment Control Plan and Details.

3.0.1 Control of erosion and sedimentation shall be in accordance with the City of New Albany Codified Ordinance chapter 1183.

3.1 TEMPORARY SOIL EROSION AND SEDIMENT CONTROL
3.1.1 Erosion and sediment control measures are required as a part of this project. The erosion and sediment control plan reflects a schematic diagram of the intended measures for compliance with the required standards. General practice and/or site field conditions may warrant variation in the placement or use of the specific controls. Any variations shall be approved by the City Engineer.

3.1.2 The contractor in compliance with the NPDES General Permit for Storm Water Discharge associated with construction activity and in accordance with the City of New Albany's Ordinance 1183, will be responsible for providing adequate erosion and sediment control measures along with proper maintenance and inspection. An erosion control maintenance log shall be kept on site in compliance with OEPA regulations. The log shall be available for public inspection.

3.2 SEEDING
3.2.1 "Temporary seeding" No area for which grading has been completed shall be left unseeded or un-mulched for longer than 14 days. If permanent seed is not applied at this time, temporary seeding shall be done at the following rates:

March 1 to August 15

| | | |
|---|---|---|
| Seed: | Oats | 2 lbs./1,000 sq. ft. |
| Fertilizer: | (12:12:12) | 12-½ lbs./1,000 sq. ft. |
| Mulch: | (Straw or Hay) | 2 tons/acre |

August 15 to November 1

| | | |
|---|---|---|
| Seed: | Annual Rye | 2 lbs./1,000 sq. ft. |
| Fertilizer: | (12:12:12) | 12-½ lbs./1,000 sq. ft. |
| Mulch: | (Straw or Hay) | 2 tons/acre |

November 1 to March 1

| | | |
|---|---|---|
| Mulch (ONLY): | (Straw or Hay) | 2 tons/acre |

3.2.2 "Permanent seeding" shall be done between March 15 and September 15. If seeding is done between September 15 and March 15, it shall be classified as 'Temporary Seeding'. Permanent seed shall match project specifications.

3.2.3 Permanent seeding shall consist of fertilizing, watering and seeding rates indicated under Item 659. Seeding shall be applied within two (2) days after final grading or following seed bed preparation.

Rates of application of Item 659:

| | | |
|---|---|---|
| Seed: | | 2 lbs./1,000 sq. ft. |
| Fertilizer: | (12:12:12) | 25 lbs./1,000 sq. ft. |
| Mulch: | (Straw or Hay) | 2 tons/acre |

3.3 STABILIZATION OF DENUDED AREAS
3.3.1 Denuded areas shall have soil stabilization applied within seven days if they are to remain dormant for more than fourteen – days.

3.3.2 Sheet flow runoff from denuded areas shall be filtered or diverted to a setting facility.

3.3.3 Sediment Barriers such as sediment fence or diversions to settling facilities shall protect adjacent properties and water resources from sediment transported by sheet flow.
3.3.4 Prior to Construction Operations in a particular area, all sedimentation and erosion control features shall be in place. Field adjustments with respect to locations and dimensions may be made by the Engineer.

3.3.5 The Contractor shall place inlet protection for the erosion control immediately after construction of the catch basins or inlets, which are not tributary to a sediment basin or dam.

3.3.6 It may become necessary to remove portions of the barrier during construction to facilitate the grading operations in certain areas. However, the barrier shall be in place in the evening or during any inclement weather.

3.4 MAINTENANCE
3.4.1 It is the Contractor's responsibility to maintain the sediment control features used on this project. The site shall be inspected periodically and within 24 hours of a significant rainfall. Records of these inspections shall be kept and made available to jurisdictional agencies if requested. Any sediment or debris which has reduced the efficiency of a structure shall be removed immediately. Should a structure or feature become damaged, the Contractor shall repair or replace at no additional cost to the Owner.

3.4.2 All Erosion & Sediment Control practices are subject to Field Modification at the direction of the City Engineer and/or Ohio EPA.

## 4.0 RIGHT-OF-WAY PERMITS

The contractor shall have all necessary permits before beginning construction. A permit is required to bury in public right-of-way. Permits may be required from more than one governing agency. The contractor shall notify the appropriate governing agency at least forty-eight hours in advance of commencement of work. On state right-of-way, call Ohio Department of Transportation, division of Highways Permit Expediter forty-eight hours in advance.

## 5.0 PAVEMENT REPLACEMENT

If any street or road within the City is damaged as a result of construction traffic related to Construction as determined by the City Engineer, all requested repairs shall be made by the Contractor. Existing pavement surfaces shall be video taped prior to the pre-construction meeting by the Contractor and a copy of the tape is to be furnished to the City Engineer.

**EASEMENT REFERENCE**

| CITY NO. | COUNTY RECORDER VOL. | COUNTY RECORDER PAGE | GRANTOR |
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**REVISIONS**

| NO. | DESCRIPTION | APPROVAL/DATE |
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| | | |

**PLAN PREPARED BY:**

EMHT
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**GENERAL NOTES**

**PROJECT TITLE:**
PRIVATE SANITARY SEWER IMPROVEMENT PLAN
FOR
**NATIONWIDE CHILDREN'S CLOSE TO HOME**

| DIVISION USE ONLY | OWNER |
|---|---|
| | CONTRACTOR |
| | INSPECTOR |
| AGREEMENT | COMPLETED |
| RPD / CKD / CID / CON.DR. | |
| INDEX DETAIL | RECORD FILE |

**CITY OF COLUMBUS, OHIO**
**DEPARTMENT OF PUBLIC UTILITIES**
**DIVISION OF SEWERAGE AND DRAINAGE**
DIVISION USE ONLY

| SCALE: | SHEET |
|---|---|
| None | 2/ 8 |
| CONTRACT DRAWING NO. | RECORD PLAN NO. |
| CC-20XXX | |

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NATIONWIDE CHILDREN'S

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DLRGROUP

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REALM COLLABORATIVE

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Jay Jacobs
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CK CONSTRUCTION


Design Req. for Architects & Engineers 2023 v13

- NOT FOR CONSTRUCTION -

New Albany Close To Home
Nationwide Children's Hospital
Gaston Parkway, New Albany, OH

Final Development Plan
July 11, 2025
REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

GENERAL NOTES

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## 6.0 EXISTING UTILITIES

6.1 The identity and location of the existing underground utility facilities know to be located in the construction area have been shown on the plans as accurately as provided by the Owner of the underground utility. The City of New Albany and/or Engineer assumes no responsibility to the accuracy or the depths of the underground facilities shown on the plans.

6.1.1 Investigation, location, support, protection and restoration of all existing utilities and appurtenances shall be the responsibility of the Contractor. This work includes maintenance of adequate depth on all existing utility facilities.

The Contractor is responsible to identify and coordinate field stakeout of all locations of possible grade conflicts with existing utilities prior to construction.

6.1.2 The Contractor is responsible for coordinating the relocation and/or protection of any utilities as required by the plan with the owner of the affected utility.
Private utility manholes within the limits of the work shall be adjusted to grade by the respective utility. The cost of this work shall be included in the price bid for the project improvements.

6.1.3 Utility poles within the influence of the earthwork operations shall be reinforced by the utility company prior to these construction activities. Notification of the utility company prior to construction shall be the responsibility of the Contractor.

6.1.4 Abandonment (Capping, Etc.) of existing utility facilities (Ameritech, Columbia Gas, American Electric Power) shall be performed by the respective utility company. Upon completion of same, the Contractor shall be responsible to remove any or all the necessary utility as required to complete the plan improvements. The cost of all removal along with the proper disposal thereof should be included in the price bid for the project improvement.

6.1.5 The Contractor shall cause notice to be given to the Ohio Utilities Protection Service (Telephone 800-362-2764, toll-free) and to the owners of the underground utilities who are not members of a registered underground protection service in accordance with Section 153.64 of the Revised Code. The above mentioned notice shall be given at least 48 hours prior to start of construction. The following utilities and Owners are located within the work limits of this project:

| UTILITY | OWNER | TELEPHONE |
|---|---|---|
| Electric/FOC<br>700 Morrison Road<br>Gahanna, OH 43230 | AEP | (800) 672-2231<br>(614) 883-6802/Brent Gates |
| Sanitary Sewer &<br>Storm Sewer & Water &<br>Fiber Optic Cable<br>(FOC) | City of New Albany<br>Service Department<br>7800 Bevelhymer Road<br>New Albany, OH 43054 | (614) 855-0076 |
| Water Facilities | City of Columbus (Division of Water)<br>Water Distribution Center<br>910 Dublin Road.<br>Columbus, OH 43215 | (614) 645-7788 |
| Telephone | AT&T<br>111 North 4th Street, Room 802<br>Columbus, OH 43215<br>Contact: Ron Harrison | (614) 223-4362 |
| Cable | Columbus FiberNet<br>1600 Walcutt Road<br>Columbus, Ohio 43228 | (614) 921-8524 |
| | Charter Communications/Spectrum<br>3760 Interchange Road<br>Columbus, Ohio 43204 | (614) 481-5047 |
| Gas | Columbia Gas of Ohio, Inc.<br>3550 Johnny Appleseed Court<br>Columbus, OH 43231 | (800) 344-4077 |
| | TC Energy<br>2385 Cotter Road<br>Mansfield, OH 44903 | (888) 982-7222 |

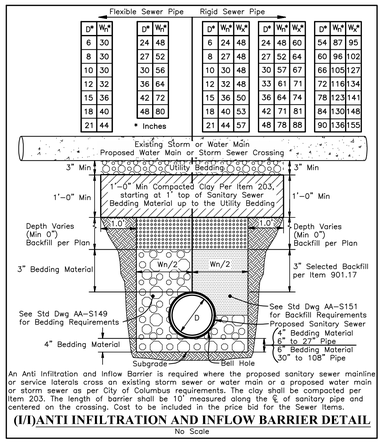
## 7.0 TREES

All branches or growth from trees that are to be saved and which are interfering with the grading operation may be removed by the use of pruning tools. All pruning tools used and methods employed shall meet with the approval of the City Arborist. The branches shall be removed with a good clean cut made flush with the parent trunk or if having a good healthy lateral branch, the cut shall be a good clean slanting cut close to and beyond the healthy branch. All pruning cuts shall be painted with an accepted pruning preservative. All branches removed shall be at the direction of the City Arborist (614) 855-0076. The cost of all work and expenses connected with the removal of trees and/or branches shall be included in the price bid for clearing and grubbing. No extra payment shall be made therefore.

## 8.0 BENCHMARKS AND SURVEY MONUMENTS

8.1 Do not disturb any Franklin County Certified Benchmarks (vertical and/or horizontal) located within the working limits of the project. Contractor shall contact the Franklin County survey department (740) 462-3026, prior to construction, to coordinate the proper procedures for resetting, relocation, or replacement of any Franklin County Certified Benchmark or Survey Monument.

8.2 The Contractor shall reference all iron pins and monuments before excavating at or near said iron pins or monuments. The contractor shall not disturb existing right-of-way or property corner markers that are required to remain after construction. If any pins or monuments are disturbed, destroyed, or damaged by the Contractor that have not been designated to be removed in these plans, they shall be accurately replaced by a Registered Surveyor at the completion of the project or at the direction of the City Engineer and at the contractor's expense as per the City of Columbus Construction and Materials Specifications, Section 107.12. If replacement of pins or monuments is required, the Engineer, Developer, or Contractor shall provide an exhibit during the final punch list inspection verifying that monuments have been placed at all property corners.




An Anti Infiltration and Inflow Barrier is required where the proposed sanitary sewer mainline or service laterals cross an existing storm sewer or water main or a proposed water main or storm sewer as per City of Columbus requirements. The clay shall be compacted per Item 203. The length of barrier shall be 10' measured along the ℄ of sanitary pipe and centered on the crossing. Cost to be included in the price bid for the Sewer Items.

**(I/I)ANTI INFILTRATION AND INFLOW BARRIER DETAIL**
No Scale

| EASEMENT REFERENCE | | | |
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| REVISIONS | | |
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| NO. | DESCRIPTION | APPROVAL/DATE |
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PLAN PREPARED BY:
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Engineers • Surveyors • Planners • Scientists
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**GENERAL NOTES**

PROJECT TITLE:
PRIVATE SANITARY SEWER IMPROVEMENT PLAN
FOR
**NATIONWIDE CHILDREN'S CLOSE TO HOME**

| DIVISION USE ONLY | OWNER |
|---|---|
| | CONTRACTOR |
| | INSPECTOR |
| | AGREEMENT / COMPLETED |
| | RPD / CKD / CID / CON.DR. |
| | INDEX DETAIL / RECORD FILE |

**CITY OF COLUMBUS, OHIO**
**DEPARTMENT OF PUBLIC UTILITIES**
**DIVISION OF SEWERAGE AND DRAINAGE**
DIVISION USE ONLY

SCALE: None
SHEET: 3/ 8
CONTRACT DRAWING NO.: CC-20XXX
RECORD PLAN NO.:


**CLIENT:**
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*Design Reg. for Architects & Engineers 2023 v13*

- NOT FOR CONSTRUCTION -

New Albany Close To Home
Nationwide Children's Hospital
Ganton Parkway, New Albany, OH

Final Development Plan
July 11, 2025
REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

GENERAL NOTES

C203


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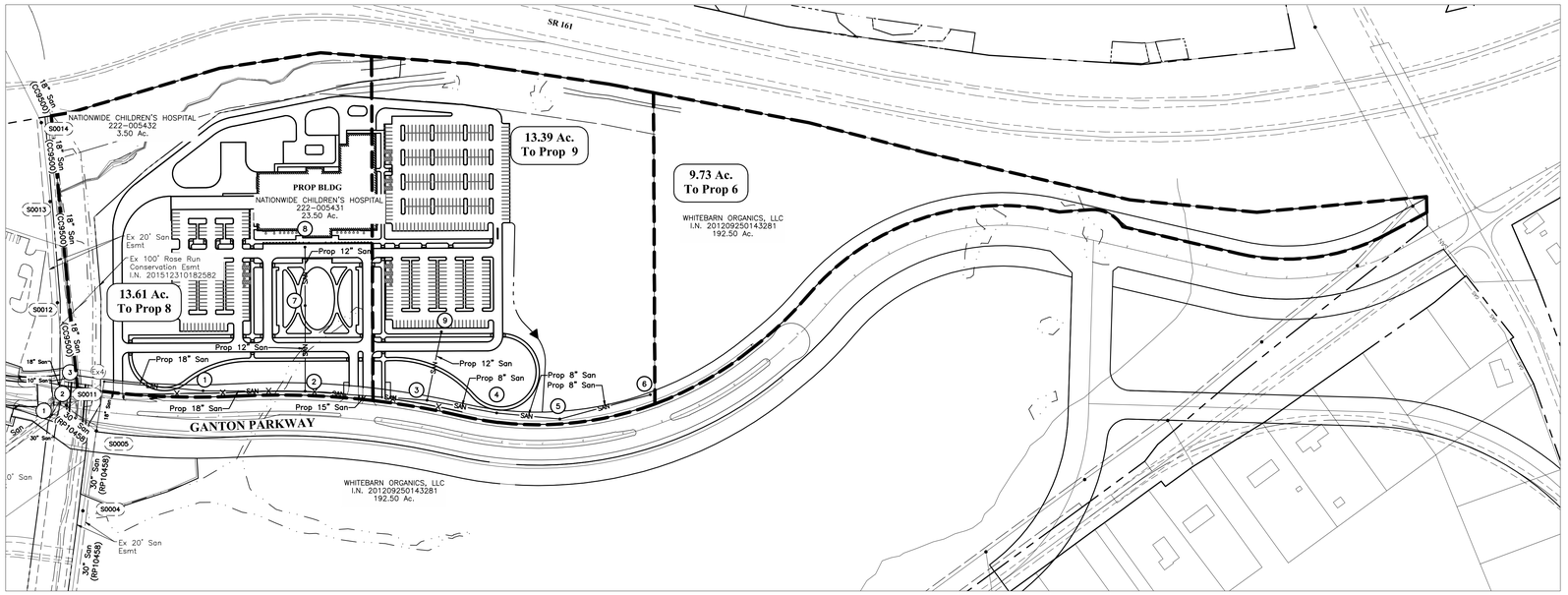


GRAPHIC SCALE

0 75 150 300

1 inch =150 feet

| EASEMENT REFERENCE | | | |
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| CITY NO. | COUNTY RECORDER VOL. | COUNTY RECORDER PAGE | GRANTOR |
| | | | |

| REVISIONS | | |
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| NO. | DESCRIPTION | APPROVAL/DATE |
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PLAN PREPARED BY:

Evans, Mechwart, Hambleton & Tilton, Inc.
Engineers • Surveyors • Planners • Scientists
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Phone: 614.775.4500 Toll Free: 888.775.3648
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**TRIBUTARY MAP**

PROJECT TITLE:
PRIVATE SANITARY SEWER IMPROVEMENT PLAN
FOR
**NATIONWIDE CHILDREN'S CLOSE TO HOME**

| DIVISION USE ONLY | | | | OWNER | |
|---|---|---|---|---|---|
| | | | | CONTRACTOR | |
| | | | | INSPECTOR | |
| | | | | AGREEMENT | COMPLETED |
| | | | | RPD / CKD / CID / CON.DR. | |
| | | | | INDEX DETAIL | RECORD FILE |

**CITY OF COLUMBUS, OHIO**
**DEPARTMENT OF PUBLIC UTILITIES**
**DIVISION OF SEWERAGE AND DRAINAGE**
DIVISION USE ONLY

| SCALE: | SHEET |
|---|---|
| 1" = 150' | 4/ 8 |
| CONTRACT DRAWING NO. | RECORD PLAN NO. |
| CC-20XXX | |

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*Design Req. for Architects & Engineers 2023 v13*

- NOT FOR CONSTRUCTION -

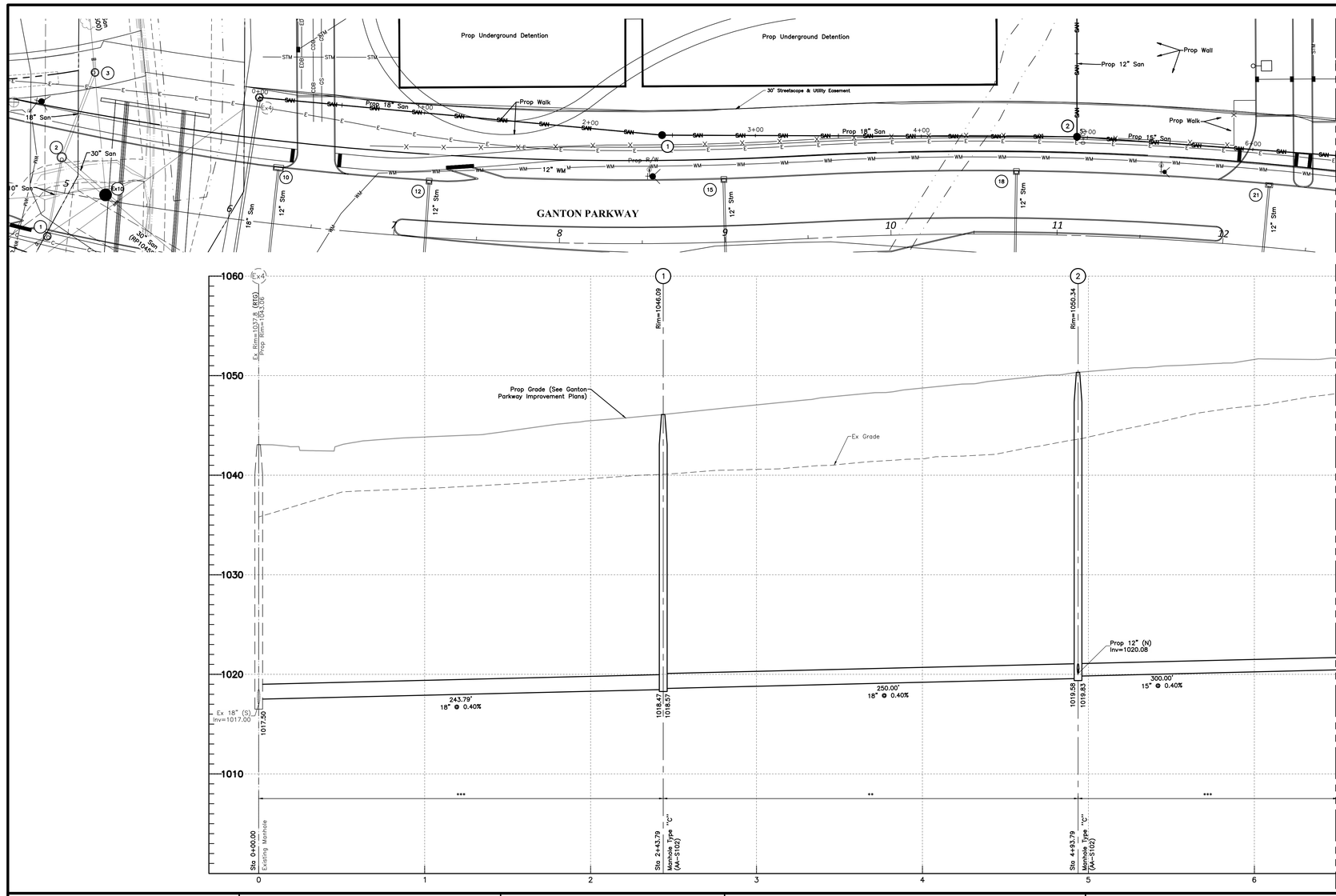
New Albany Close To Home
Nationwide Children's Hospital
Ganton Parkway, New Albany, OH

Final Development Plan
July 11, 2025
REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

TRIBUTARY MAP

C204




**NOTES:**

All elevations on this plan are based on NAVD 1988 datum, unless otherwise noted.

All backfill shall be compacted to the density of the existing ground unless otherwise noted:

* Compacted Backfill, Per Item 911

** Compacted Granular Backfill, Per Item 912

*** Backfill shall be compacted in horizontal lifts, with loose thicknesses not exceeding 8 inches. Each lift shall be compacted to at least 95% of the maximum dry density as determined by the "Standard" compaction test (ASTM D-698).

% Concrete Encased w/ Compacted Granular Backfill to subgrade

All fills are to be placed a minimum of 2.5' above the proposed storm sewer prior to the start of sewer construction per Item 203 of CMSC.

Denoted thus:

# See Anti-Infiltration and Inflow Barrier Detail, Sheet 3.

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| | | | |

| REVISIONS | | |
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| | | |
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| | | |

PLAN PREPARED BY:


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Engineers • Surveyors • Planners • Scientists
5500 New Albany Road, Columbus, OH 43054
Phone: 614.775.4500 Toll Free: 888.775.3648
emht.com


**PLAN AND PROFILE 0+00-6+50**

PROJECT TITLE:
PRIVATE SANITARY SEWER IMPROVEMENT PLAN
FOR
**NATIONWIDE CHILDREN'S CLOSE TO HOME**

| DIVISION USE ONLY | OWNER |
|---|---|
| | CONTRACTOR |
| | INSPECTOR |

| AGREEMENT | | COMPLETED | |
|---|---|---|---|
| RPD | CKD | CID | CON.DR. |
| INDEX DETAIL | | RECORD FILE | |

**CITY OF COLUMBUS, OHIO**
**DEPARTMENT OF PUBLIC UTILITIES**
**DIVISION OF SEWERAGE AND DRAINAGE**
DIVISION USE ONLY

SCALE: Horiz: 1" = 30'
Vert: 1" = 5'

SHEET 5/ 8

CONTRACT DRAWING NO. CC-20XXX

RECORD PLAN NO.


**CLIENT:**
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Jay Jacobs
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*Design Reg. for Architects & Engineers 2023 v13*

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New Albany Close To Home
Nationwide Children's Hospital
Ganton Parkway, New Albany, OH

Final Development Plan
July 11, 2025
REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

PLAN AND PROFILE
0+00-6+50

C205

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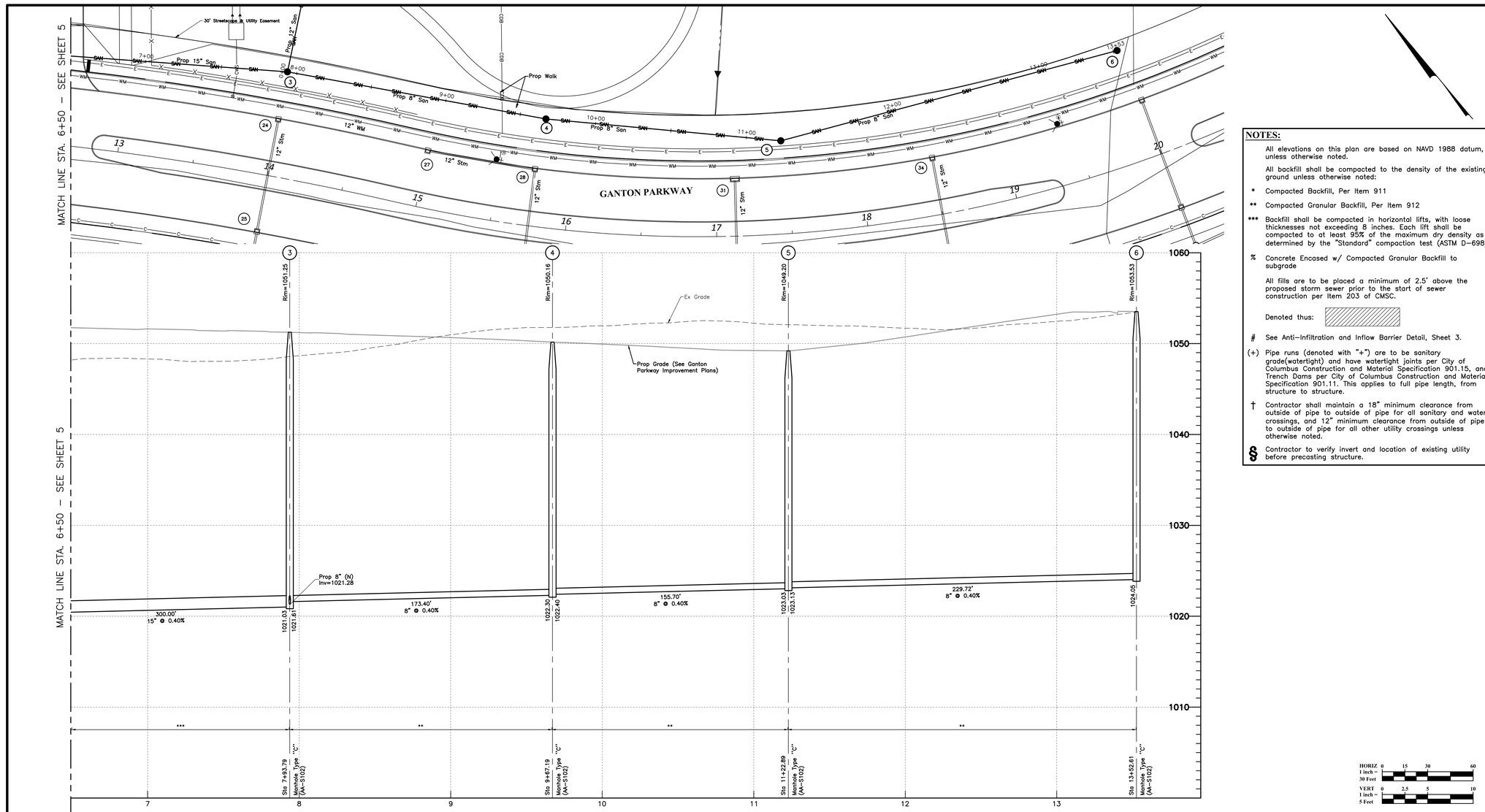


**NOTES:**

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**PLAN AND PROFILE 6+50-13+00**

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| RPD / CKD / CID / CON.DR. | |
| INDEX DETAIL / RECORD FILE | |

**CITY OF COLUMBUS, OHIO**
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SCALE: Horiz: 1" = 30' Vert: 1" = 5'

SHEET 6/ 8

CONTRACT DRAWING NO. CC-20XXX

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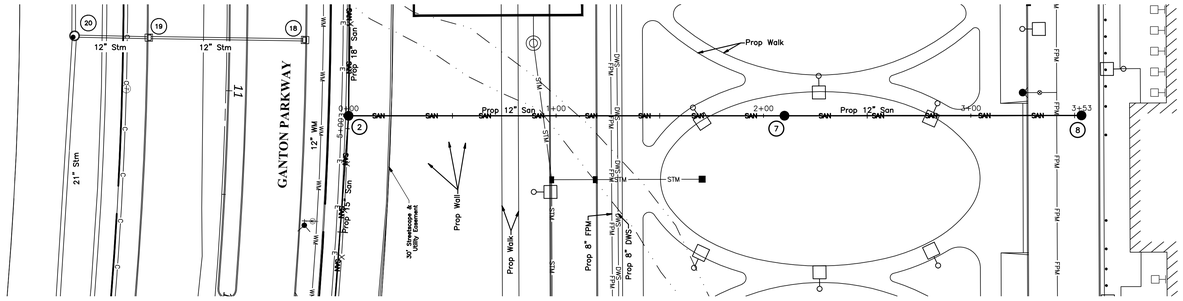
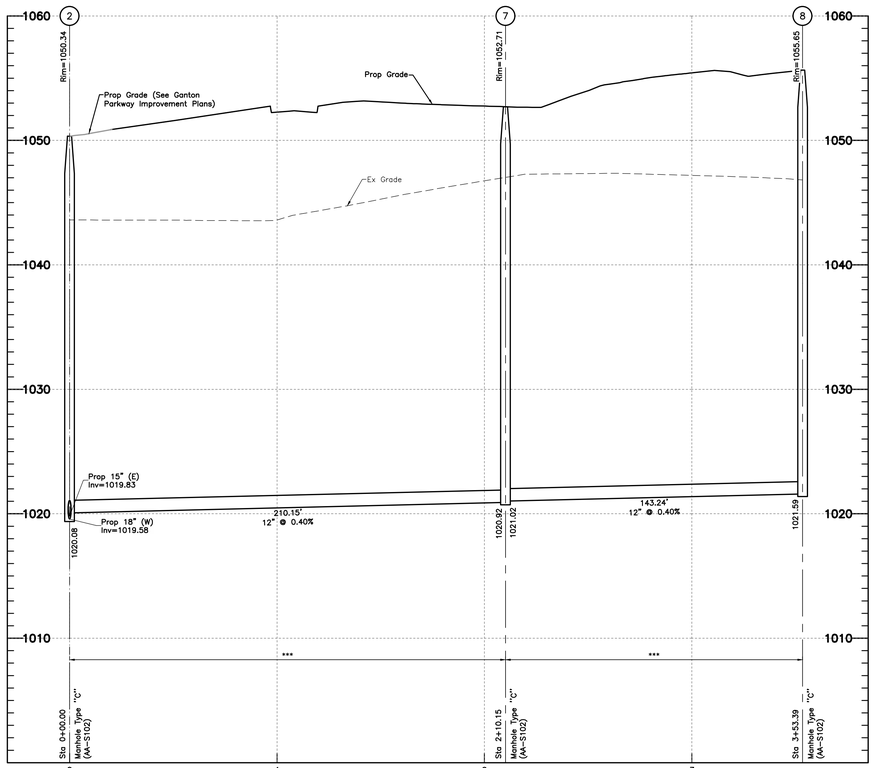
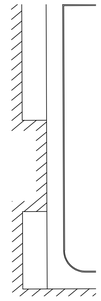
PLAN AND PROFILE
6+50-13+00

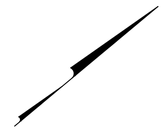
C206




PROP BLDG





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SHEET 7/ 8

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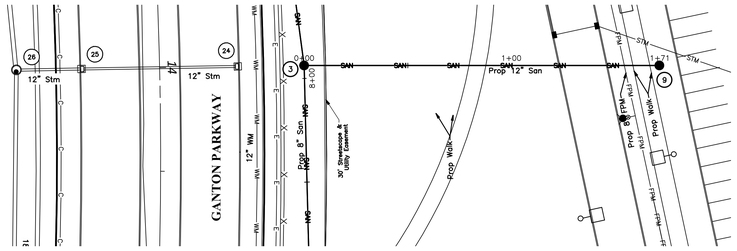
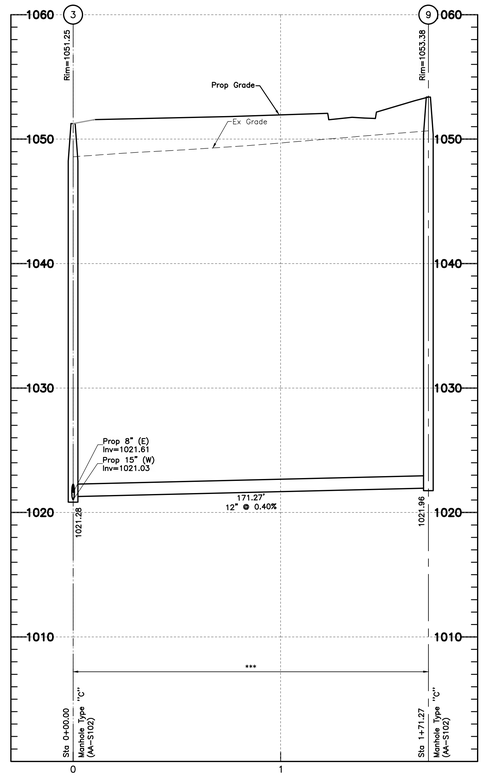
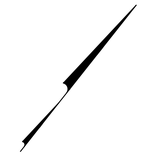
PLAN AND PROFILE

C207



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**CITY OF COLUMBUS, OHIO**
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**DIVISION OF SEWERAGE AND DRAINAGE**
DIVISION USE ONLY

SCALE: Horiz: 1" = 30' Vert: 1" = 5'

SHEET 8/ 8

CONTRACT DRAWING NO. CC-20XXX

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New Albany Close To Home
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Ganton Parkway, New Albany, OH

Final Development Plan
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REVISIONS

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25-24147-00 / SP-24-031

PLAN AND PROFILE

C208

# CITY OF NEW ALBANY, FRANKLIN COUNTY, OH
# PRIVATE WATER SERVICE PLAN
# FOR
# NATIONWIDE CHILDREN'S CLOSE TO HOME
# 2025

## BENCH MARKS
(NAVD 1988)

SOURCE BM FCGS 9917A — Aluminum cap in concrete monument, at a P.I. in the centerline of Reynoldsburg–New Albany Road (STA 103+72.27 1984 plans), 162.8 feet south of Dublin–Granville Road, on a P/L west, access through Franklin County road monument box. Monument replaces a found PK nail.
Elev. = 1022.22

BM#1 — Chiseled "X" on the west rim of a storm manhole located 15 feet west of the southwest stubbed end of Theisen Road.
N:759727, E:1884352 Elev. = 1039.39

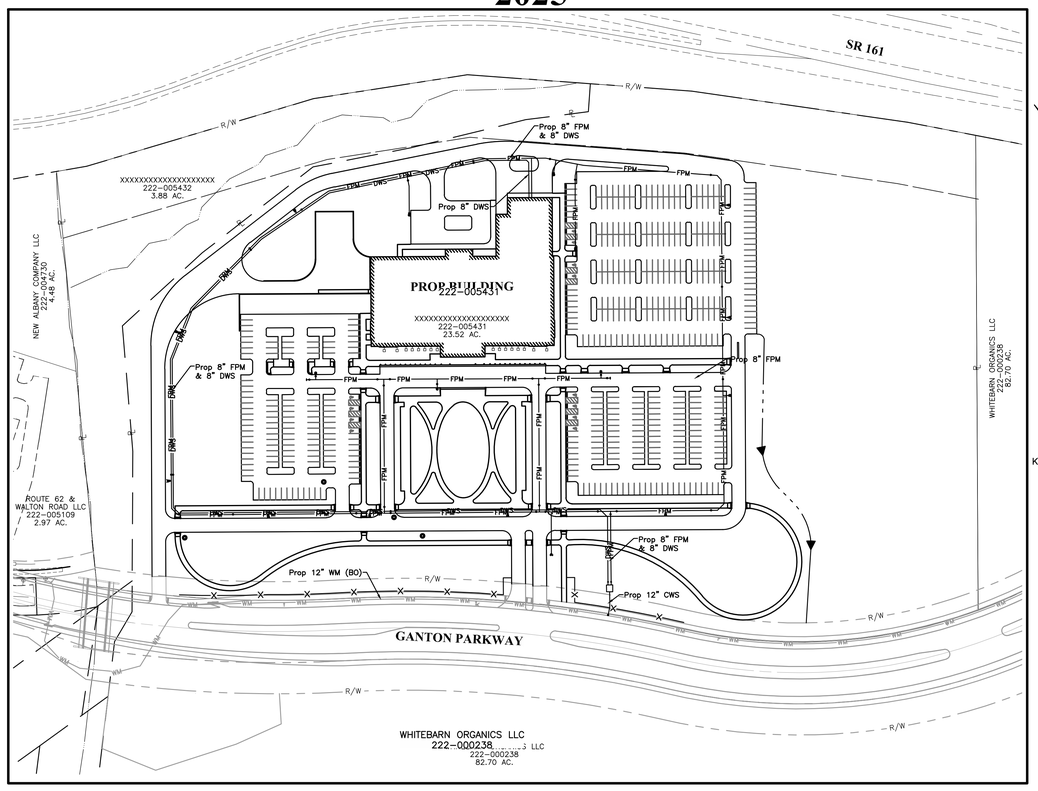
BM#7 — Chiseled "X" on the south flange bolt of a fire hydrant located on the north side of E. Dublin Granville Road, being the fifth hydrant east of the intersection of E. Dublin Granville Road and 3rd Street.
N:758017, E:1884036 Elev. = 1031.58

BM#Z18 — Brass disk on the southeast corner of Dublin–Granville Road culvert PLA 546–15.44, 0.38 miles west of road monument FCGS 6609 Reset at Kitzmiller Road, 17.5 feet south of the centerline.
N:757889, E: 1885393 Elev. = 1048.11

**HORIZONTAL REFERENCE POINTS (OHIO SOUTH ZONE)***

| POINT | DESCRIPTION | NORTHING | EASTING |
|---|---|---|---|
| ▲ #202 | 1052 #202 IPF w/ cap | 757873.941 | 1886350.912 |
| ▲ #204 | 1152 #204 IPS w/ cap | 759657.339 | 1884341.257 |
| ▲ #206 | 1152 #206 IPS w/ cap | 758240.411 | 1884086.562 |
| ▲ #207 | 1152 #207 IPS w/ cap | 757978.025 | 1884886.232 |

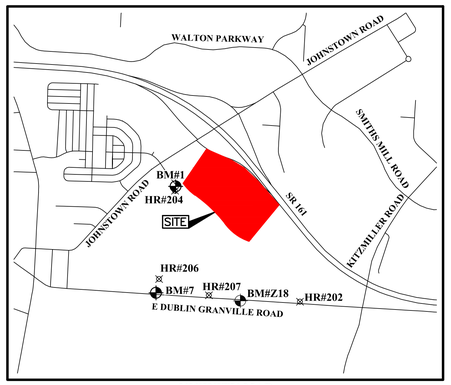
* Horizontal reference datum = NAD 83 (1986 adj)
(See Index Map for reference point locations)




**GRAPHIC SCALE**
0 50 100 200
1 inch = 100 feet

**INDEX MAP**
Scale: 1" = 100'

Sanitary Sewer Plan No.: CC–XXXXX




**VICINITY MAP**
Not to Scale

## SHEET INDEX


TITLE SHEET ____ 1
GENERAL NOTES ____ 2–3
TRIBUTARY MAP ____ 4
PLAN AND PROFILE ____ 5–7



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To call dial 8-1-1 or 800-362-2764

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E–67487
REGISTERED ENGINEER NO. DATE

**CITY OF COLUMBUS DIVISION OF WATER APPROVAL**

**SIGNATURES BELOW SIGNIGIES ONLY CONCURRENCE WITH THE GENERAL PURPOSE AND GENERAL LOCATION OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS.**

CITY OF NEW ALBANY, FRANKLIN COUNTY, OHIO
PRIVATE WATER SERVICE PLAN
FOR
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GANTON PARKWAY
TITLE SHEET

**WSP-XXXX**

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REVISIONS

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25-24147-00 / SP-24-031

TITLE SHEET

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## CITY OF COLUMBUS WATER SERVICE PLAN NOTES

1. NO WATER SERVICE CONNECTION PERMITS SHALL BE ISSUED OR CONNECTIONS MADE TO ANY WATER TAPS UNTIL THE PUBLIC WATER MAIN HAS BEEN DISINFECTED BY THE CITY OF COLUMBUS, DIVISION OF WATER.

2. NO WATER SERVICE CONSTRUCTION, BEFORE OR AFTER THE WATER METER(S), SHALL BEGIN PRIOR TO FEE PAYMENT TO THE UTILITY PERMITS OFFICE AT 111 N. FRONT STREET (614-645-7330).

3. THE CITY OF COLUMBUS, CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMSC), 2018 EDITION AND ALL REVISIONS, INCLUDING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS SHALL GOVERN THIS IMPROVEMENT, UNLESS OTHERWISE NOTED.

4. ALL WATER LINE MATERIALS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT APPROVED MATERIALS LIST AND RULES AND REGULATIONS OF THE CITY OF COLUMBUS, DIVISION OF WATER, UNLESS OTHERWISE SHOWN ON THE PLANS OR APPROVED BY THE CITY OF COLUMBUS, DIVISION OF WATER. ONLY PRODUCTS LISTED ON THE CURRENT APPROVED MATERIALS LIST WILL BE PERMITTED TO BE INSTALLED.

5. IT SHALL BE UNLAWFUL FOR ANY PERSON TO PERFORM ANY WORK ON THE PUBLIC WATER DISTRIBUTION SYSTEM WITHOUT FIRST SECURING A LICENSE TO ENGAGE IN SUCH WORK, AS INDICATED IN COLUMBUS CITY CODE SECTIONS 1103.02 AND 1103.06. THIS WORK INCLUDES ANY ATTACHMENTS, ADDITIONS TO OR ALTERATIONS IN ANY CITY SERVICE PIPE OR APPURTENANCES (INCLUDING WATER SERVICE LINES AND WATER SERVICE TAPS). THIS REQUIREMENT MAY BE MET BY UTILIZATION OF A SUBCONTRACTOR WHO POSSESSES A CITY OF COLUMBUS WATER CONTRACTOR LICENSE OR A COMBINED WATER/SEWER CONTRACTOR LICENSE TO PERFORM THIS WORK. UTILIZATION OF A SUBCONTRACTOR MUST MEET THE LICENSING REQUIREMENTS OF CITY OF COLUMBUS BUILDING CODE SECTIONS 4114.119 AND 4114.529.

6. FOR ANY EMERGENCIES THAT OCCUR AFTER NORMAL WORKING HOURS INVOLVING THE WATER DISTRIBUTION SYSTEM, PLEASE CONTACT THE DIVISION OF WATER DISTRIBUTION MAINTENANCE OFFICE AT 614-645-7788.

7. SITE UTILITY CONTRACTOR SHALL OBTAIN A RIGHT OF WAY PERMIT PRIOR TO THE START OF ANY WATER SERVICE LINE AND/OR WATER SERVICE TAP INSTALLATION OR ANY PLACEMENT OF WATER SERVICE MATERIALS INTO THE PUBLIC RIGHT OF WAY.

8. EXISTING RIGHT OF WAY LINE(S), PROPOSED RIGHT OF WAY LINE(S) AND/OR WATER MAIN EASEMENT LINE(S) SHALL BE STAKED AT 10 FOOT INCREMENTS BY A STATE OF OHIO LICENSED SURVEYOR WHEN THE WATER SERVICE TAP(S) AND/OR WATER SERVICE(S) ARE INSTALLED AND INSPECTED BY THE CITY OF COLUMBUS, DIVISION OF WATER.

9. SITE UTILITY CONTRACTOR SHALL OBTAIN A PERMIT FROM THE CITY OF COLUMBUS--CITY FORESTER AT 614-645-6640 FOR ANY WORK DONE WITHIN 10 FEET OF A TREE IN THE RIGHT OF WAY.

10. THERE SHALL BE A 10 FOOT MINIMUM HORIZONTAL AND 18 INCH VERTICAL SEPARATION BETWEEN WATER SERVICE TAP(S), WATER SERVICE LINE(S), PRIVATE WATER SYSTEMS AND ANY SANITARY AND/OR STORM SEWER SYSTEMS, UNLESS OTHERWISE APPROVED BY THE CITY OF COLUMBUS, DIVISION OF WATER.

11. ALL INSPECTIONS REQUIRE A 24 HOUR ADVANCE NOTICE.

12. ALL PUBLIC FIRE HYDRANTS, WHETHER NEW OR RELOCATED, SHALL BE INSPECTED AND APPROVED BY THE CITY OF COLUMBUS, DIVISION OF FIRE PRIOR TO BEING PUT INTO SERVICE. THE CONTRACTOR SHALL CONTACT THE DIVISION OF FIRE AT 614-645-8673 TO SCHEDULE THE INSPECTION OF THE NEW OR RELOCATED FIRE HYDRANTS. THE CITY WILL PROVIDE THE CONTRACTOR "OUT OF SERVICE" RINGS THAT SHALL BE PLACED ON ALL NEW OR RELOCATED FIRE HYDRANTS TO CLEARLY IDENTIFY THEM AS INACTIVE. AFTER WRITTEN NOTIFICATION OF ACCEPTANCE HAS BEEN RECEIVED, THE CONTRACTOR SHALL REMOVE THE "OUT OF SERVICE" RINGS FROM THE FIRE HYDRANTS. ALL "OUT OF SERVICE" RINGS SHALL BE RETURNED TO THE CITY.

13. ALL PUBLIC FIRE HYDRANTS, WHETHER NEW OR RELOCATED, SHALL BE INSPECTED AND APPROVED BY THE (APPLICABLE CONTRACT COMMUNITY FIRE AGENCY) PRIOR TO BEING PUT INTO SERVICE. THE CONTRACTOR SHALL CONTACT THE (APPLICABLE CONTRACT COMMUNITY FIRE AGENCY) AT 614-XXX-XXXX TO SCHEDULE THE INSPECTION OF THE NEW OR RELOCATED FIRE HYDRANTS.

14. SITE UTILITY CONTRACTOR SHALL FLUSH ALL WATER SERVICES PRIOR TO ANY WATER METER INSTALLATION. THE CITY OF COLUMBUS IS NOT RESPONSIBLE FOR ANY CITY WATER METER DAMAGE CAUSED BY NON-FLUSHING.

15. IF A TAP IS BEING REUSED AND DISCOVERED TO BE LEAD OR GALVANIZED, THE TAP SHALL BE ABANDONED AT THE WATER MAIN PER CMSC ITEM 808 AND A NEW TAP SHALL BE INSTALLED.

16. SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF WATER AT 614-645-7330 FOR INSPECTION OF ALL WATER SERVICE TAP ABANDONMENTS COMPLETED AT THE WATER MAIN PER CMSC ITEM 808.

17. SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF WATER AT 614-645-7330 FOR INSPECTION OF 2" AND SMALLER WATER SERVICE TAPS FROM THE WATER MAIN THRU THE CURB STOP AND WATER SERVICES FROM THE CURB STOP THRU THE WATER METER SETTING.

18. ALL 2" AND SMALLER WATER SERVICE PIPE SHALL BE TYPE K SOFT TEMPER COPPER ONLY FROM THE CITY WATER MAIN THRU THE CURB STOP PER COLUMBUS DIVISION OF WATER STANDARD DETAIL DRAWING L-9901 AND CMSC ITEM 805. THE PIPE MATERIAL SHALL BE TYPE K SOFT TEMPER COPPER OR A COLUMBUS DIVISION OF WATER APPROVED POLY TUBING FROM THE CURB STOP THRU THE WATER METER SETTING.

19. 1" AND SMALLER METER SETTING(S) SHALL BE PER COLUMBUS DIVISION OF WATER STANDARD DETAIL DRAWING L-8503.

20. SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF WATER AT 614-645-8119 TO SCHEDULE SETTING INSPECTION AND METER INSTALLATION FOR 1.5" AND SMALLER METER(S) OR TO SCHEDULE A SETTING INSPECTION FOR 2" AND LARGER METER(S).

21. 1.5" AND 2" METER SETTING(S) SHALL BE PER COLUMBUS DIVISION OF WATER STANDARD DETAIL DRAWING L-9002 C.

22. SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF WATER AT 614-645-7330 FOR INSPECTION AND HYDROSTATIC TEST OF 4" AND LARGER WATER SERVICE TAPS FROM THE WATER MAIN THRU THE CONTROL VALVE AND WATER SERVICES FROM THE CONTROL VALVE THRU THE WATER METER SETTING. HYDROSTATIC TEST SHALL BE PER CMSC ITEM 805.05 AND SHALL BE PERFORMED FROM THE WATER MAIN THRU THE WATER METER SETTING.

23. ALL 4" THRU 12" WATER SERVICE PIPE SHALL BE ONLY DUCTILE IRON FROM THE CITY WATER MAIN THRU THE CITY WATER METER SETTING(S) INCLUDING THE METER BYPASS.

24. ALL EXPOSED WATER MAIN AND ALL WATER SERVICE PIPE 4" AND LARGER SHALL BE POLYWRAPPED PER CMSC ITEM 801.03 TO A POINT 10 FOOT BEYOND THE RIGHT OF WAY VALVE(S).

25. WHEN A 4" OR LARGER TAP IS TO OCCUR ON A 20" OR LARGER WATER MAIN, THE CONTRACTOR SHALL NOTIFY THE DIVISION OF WATER OPERATIONS CONTROL CENTER AT 614-645-7168, TWENTY-FOUR (24) HOURS IN ADVANCE OF PERFORMING THE TAP.

26. WHEN WATER TAPS ARE INSTALLED BY TRENCHLESS METHODS AND CROSS AN EXISTING STORM AND/OR SANITARY SEWER, THE CONTRACTOR SHALL VERIFY THE CONDITION OF THE SEWER(S) BY VIDEO INSPECTION METHODS FOLLOWING THE TAP INSTALLATIONS.

27. 4" AND LARGER METER SETTING(S) SHALL BE PER COLUMBUS DIVISION OF WATER STANDARD DETAIL DRAWINGS L-6317 A-E.

28. 2" AND LARGER METERS SHALL BE PURCHASED AT THE UTILITY PERMITS OFFICE AT 111 N. FRONT STREET. TO SCHEDULE A METER PICK UP AT UTILITY METERING SERVICES, 3568 INDIANOLA AVENUE, CALL 614-645-8119.

29. BACKFLOW PREVENTION ASSEMBLY(S) SHALL BE INSTALLED, WHERE REQUIRED, PER COLUMBUS DIVISION OF WATER STANDARD DETAIL DRAWINGS L-9002 A THRU G. CONTRACTOR(S) SHALL CALL 614-645-6674 WITH BACKFLOW PREVENTION QUESTIONS. CONTRACTOR(S) SHALL CALL 614-645-8119 TO SCHEDULE BACKFLOW PREVENTION INSPECTION REQUESTS.

30. DOMESTIC WATER SERVICE BACKFLOW PREVENTER(S) SHALL MEET THE ASSE #1013 APPROVAL/STANDARD.

31. COMBINATION WATER SERVICE BACKFLOW PREVENTER(S) SHALL MEET THE ASSE #1013 APPROVAL/STANDARD.

32. THE FIRE WATER SERVICE BACKFLOW PREVENTER(S) SHALL MEET THE APPROPRIATE ASSE APPROVAL/STANDARD AND SHALL BE EQUIPPED WITH A DETECTOR METER THAT IS ITRON 100W (TOWER) OR 100R (REMOTE), MEASURES IN CUBIC FEET AND MEETS THE AWWA C-700 STANDARD. FIRE WATER BACKFLOW PREVENTER(S) SHALL BE THE SAME SIZE OR ONE SIZE SMALLER THAN THE FIRE WATER SERVICE SIZE AND EQUIPPED WITH O.S.&Y. VALVES.

33. IF DOMESTIC AND/OR FIRE WATER SERVICE METER(S) AND THEIR BACKFLOW PREVENTER(S) ARE TO BE LOCATED IN A METER ROOM INSIDE A BUILDING, THERE WILL BE A WALL OR CEILING MOUNTED GAS OR ELECTRIC THERMOSTATICALLY OPERATED HEATER. THE HEATER SHALL BE SIZED PER THE HEATER MANUFACTURER SPECS TO MAINTAIN A 40 DEGREE FAHRENHEIT INSIDE TEMPERATURE AT AN OUTSIDE TEMPERATURE OF MINUS 30 DEGREE FAHRENHEIT.

34. A 1" I.D. CONDUIT WITH 1 DRAWSTRING PER WATER METER SHALL BE PROVIDED BY THE BUILDING CONTRACTOR FROM THE WATER METER TO AND THRU 6" BEYOND THE FINISHED EXTERIOR WALL OF THE BUILDING AND 1' TO 5' ABOVE THE FINISHED GRADE.

35. A 1" I.D. CONDUIT WITH 1 DRAWSTRING PER WATER METER SHALL BE PROVIDED BY THE SITE UTILITY CONTRACTOR FROM THE WATER METER VAULT TO THE HEATED ENCLOSURE. CONDUIT SHALL EXTEND 6" INTO THE METER VAULT AND BE CLEAR OF ALL ACCESS PORTALS. CONDUIT SHALL BE CORE DRILLED AND EXTEND 24" UP ABOVE THE CONCRETE SLAB FOR THE HEATED ENCLOSURE ALONG THE HEATER WALL. CONDUIT SHALL HAVE A MINIMUM BURY OF 24" FROM THE VAULT TO THE HEATED ENCLOSURE. CONDUIT SHALL BE FOR THE REMOTE WIRES ONLY. ANY OTHER WIRING SHALL HAVE A SEPARATE CONDUIT.

36. IF DOMESTIC AND/OR FIRE WATER SERVICE METER(S) AND/OR THEIR BACKFLOW PREVENTER(S) ARE TO BE LOCATED INSIDE AN ABOVE GROUND HEATED ENCLOSURE, THE ENCLOSURE SHALL BE ASSE #1060 CLASS 1 APPROVED. THE ENCLOSURE SHALL HAVE A THERMOSTATICALLY OPERATED HEATER. THE SIZE AND NUMBER OF HEATER(S) SHALL BE PER THE ENCLOSURE MANUFACTURER'S SPECS TO MAINTAIN A 40 DEGREE FAHRENHEIT INSIDE TEMPERATURE AT AN OUTSIDE TEMPERATURE OF MINUS 30 DEGREE FAHRENHEIT. HEAT TAPE/RODS WILL NOT BE PERMITTED.

37. BACKFLOW PREVENTION DEVICES MUST BE TESTED AT THE TIME OF INSTALLATION BY A TESTER APPROVED BY THE DIVISION OF WATER BACKFLOW COMPLIANCE OFFICE. A COMPLETE LIST OF APPROVED TESTERS CAN BE FOUND AT WWW.COLUMBUS.GOV/BACKFLOW/CONSUMERS. RESULTS MUST BE SUBMITTED THROUGH THE ONLINE WEB SUBMITTAL SYSTEM AT https://core.columbus.gov/takayflow/

UNDERGROUND PRIVATE WATER SYSTEM(S) AFTER THE CITY WATER METER(S)

38. SITE UTILITY CONTRACTOR SHALL CALL THE LOCAL BUILDING AUTHORITY FOR INSPECTION OF UNDERGROUND PRIVATE DOMESTIC AND/OR FIRE WATER SYSTEM(S) AFTER THE CITY WATER METER(S). THIS WILL INCLUDE DOMESTIC WATER LOOPS AND FIRE WATER LOOPS INCLUDING PRIVATE FIRE HYDRANTS THRU THE SITE BEFORE COVERING.

    FOR COLUMBUS CITY ONLY: THE DEPARTMENT OF BUILDING AND ZONING (PLUMBING INSPECTION SECTION) IS RESPONSIBLE FOR INSPECTION OF UNDERGROUND PRIVATE DOMESTIC AND/OR FIRE WATER SYSTEM(S) AFTER THE CITY WATER METER(S). TO SCHEDULE, SITE UTILITY CONTRACTOR SHALL PURCHASE A WATER SERVICE RECORD THROUGH https://portal.columbus.gov/Permits/Default.aspx. CONTACT PLUMBINGINFO@COLUMBUS.GOV FOR MORE DETAILS.

39. SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF FIRE AT 614-645-8673 FOR FLUSHING AND/OR PRESSURE TEST INSPECTION OF PRIVATE FIRE SYSTEM AFTER THE CITY FIRE WATER SERVICE METER AND BACKFLOW PREVENTER.

40. SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF FIRE AT 614-645-8673 FOR FLUSHING AND/OR PRESSURE TEST INSPECTION OF PRIVATE COMBINED (I.E. DOMESTIC AND FIRE) SYSTEM AFTER THE CITY WATER SERVICE METER AND BACKFLOW PREVENTER.

41. ALL PIPE MATERIAL FOR THE UNDERGROUND PRIVATE WATER SYSTEM AFTER THE CITY WATER METER SHALL MEET THE REQUIREMENTS OF THE LOCAL BUILDING AUTHORITY HAVING JURISDICTION.

CITY OF NEW ALBANY WATER SERVICE PLAN NOTES

1. SITE UTILITY CONTRACTOR SHALL CALL THE CITY OF NEW ALBANY CHIEF BUILDING OFFICIAL FOR INSTALLATION INSPECTION, FLUSHING AND/OR PRESSURE TEST OF PRIVATE FIRE SYSTEM AFTER THE CITY FIRE WATER SERVICE METER AND BACKFLOW PREVENTER.

2. 4" AND LARGER PIPE MATERIAL FOR THE UNDERGROUND PRIVATE WATER SYSTEM AFTER THE CITY WATER METER SHALL BE DUCTILE IRON, C-900 OR C-900 PIPE ONLY TO A POINT 5' OUTSIDE THE BUILDING FOOTPRINT.

3. 2" AND SMALLER PIPE MATERIAL FOR THE UNDERGROUND PRIVATE WATER SYSTEM AFTER THE CITY WATER METER SHALL BE TYPE K SOFT TEMPER COPPER OR A DIVISION OF WATER APPROVED POLYTUBING ONLY TO A POINT 5' OUTSIDE OF THE BUILDING FOOTPRINT.

4. ALL PRIVATE FIRE HYDRANTS AFTER THE CITY WATER METER SHALL BE THE MAINTENANCE RESPONSIBILITY OF THE PROPERTY OWNER.

5. ALL PRIVATELY MAINTAINED FIRE HYDRANTS AFTER THE CITY WATER METER SHALL BE PER THE CMSC SECTION 809 EXCEPT THERE SHALL BE TWO ADDITIONAL 2.5" SIDE OUTLETS AND SPECIAL ATTENTION GIVEN TO CSMC ITEM 809.11.02.

6. ALL PRIVATE FIRE HYDRANTS SHALL BE PAINTED RED WITH WHITE CAPS AND BONNETS. SITE CONTRACTOR SHALL CONTACT CHIEF BUILDING OFFICIAL FOR INSPECTION. EACH FIRE HYDRANT SHALL HAVE TWO (2) 2-1/2" SIDE NOZZLES AND ONE (1) 5" INTEGRATED STORZ FITTING IN PLACE OF PUMPER NOZZLE (NO ADD-ON FITTING) IN ACCORDANCE WITH NEW ALBANY FIRE SPECIFICATIONS.

7. ALL PRIVATELY MAINTAINED FIRE HYDRANTS AFTER THE CITY WATER METER SHALL USE DUCTILE IRON PIPE FROM PRIVATE WATER SYSTEM TEE THROUGH FIRE HYDRANT VALVE AND FIRE HYDRANT ASSEMBLY.

8. ALL PRIVATELY OWNED FIRE HYDRANTS AFTER THE CITY WATER METER SHALL BE USED FOR FIRE PROTECTION ONLY.

### LEGEND

**EXISTING**

- STM — Storm Sewer
- SAN — Sanitary Sewer
- WM — Water Main
- UGL — Lighting Conduit
- E — Electric Duct Bank
- OHE — Overhead Electric Lines
- FO — Fiber Optic Duct Bank
- Fire Hydrant
- Water Valve
- Light Pole
- Communication Manhole
- Manhole
- Catch Basin
- Electric Duct Bank Manhole

**PROPOSED**

- STM — Storm Sewer
- RD — Roof Drain
- Underdrain
- SAN — Sanitary Sewer
- SAS — Sanitary Service (SAS)
- FWS — Public Fire Water Service
- DWS — Public Domestic Water Service
- PFWS — Private Fire Water Service
- PDWS — Private Domestic Water Service
- FDC — Fire Department Connection
- CWS — Combined Water Service
- FPM — Private Fire Protection Main
- Catch Basin
- Manhole (MH)
- Yard Drain
- Cleanout
- Curb & Gutter Inlet
- Light Pole (See MEP Plan)
- Fire Hydrant (FH)
- Water Valve
- Fire Deparment Connection (FDC)
- Reducer

(BSP) By Separate Plan
(RTG) Reconstruct To Grade

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CITY OF NEW ALBANY, FRANKLIN COUNTY, OHIO
**PRIVATE WATER SERVICE PLAN**
**FOR**
**NATIONWIDE CHILDRENS CLOSE TO HOME GANTON PARKWAY**
**GENERAL NOTES**

**WSP-XXXX**

**SHEET:** 2 / 5


**CLIENT:**
Nationwide Children's Hospital
Engineering Services
700 Children's Drive
Ross Hall, R4000
Columbus, OH 43205
Kevin Noble, RA
(614) 355-1553
Eddie Weeks, MHA
(614) 355-4231

**ARCHITECT OF RECORD, STRUCTURAL & MEP ENGINEER:**
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**EXTERIOR DESIGN ARCHITECT:**
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**CIVIL ENGINEER:**
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**LANDSCAPE ARCHITECT:**
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**CONSTRUCTION MANAGER:**
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Jay Jacobs
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*Design Req. for Architects & Engineers 2023 v13*

- NOT FOR CONSTRUCTION -

New Albany Close To Home
Nationwide Children's Hospital
Ganton Parkway, New Albany, OH

Final Development Plan
July 11, 2025
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GENERAL NOTES

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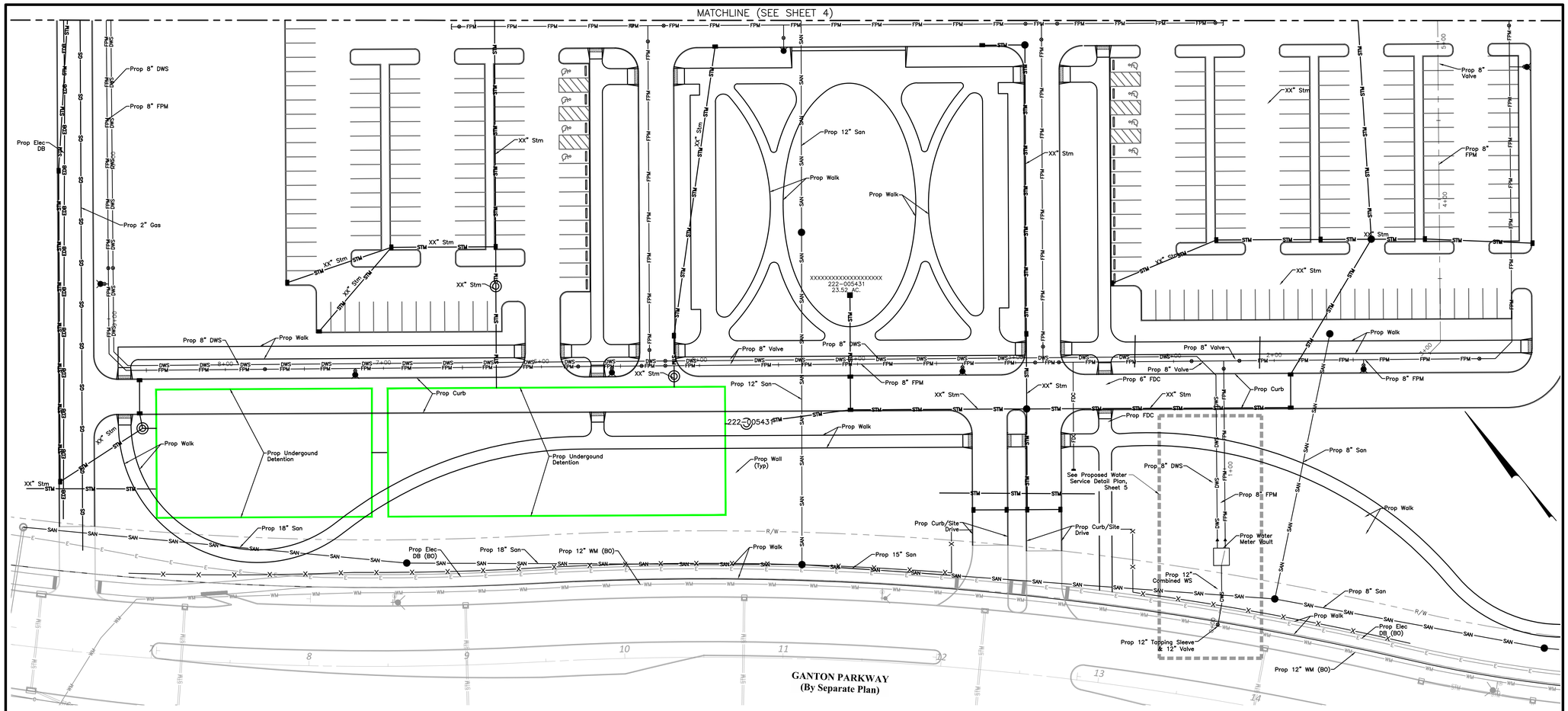


NOTES:

1 All Private Fire Hydrants shown include 6" Valve with Standard Valve Boxes unless otherwise noted.
2 All Valves include Standard Valve Boxes unless otherwise noted.
3 Private Fire Hydrants Shall be used for Fire protection only.
4 Private Fire Hydrant Maintenance shall be the property owner's responsibility.
5 All streets in this development are privately owned and maintained, and located within the City of New Albany.
6 Water stationing based on ℄ Domestic Water System (DWS) and Fire Water Service (FWS).
7 All private fire hydrants to be set 2'-0" from back of curb.

NOTES:

8 Site fencing, gates, etc. not shown for clarity purposes (See Site Construction Plan).
9 The design engineer has assumed the waterline improvements within the right-of-way would occur within the overall project walk closure limits. See Site Construction Plan for pedestrian MOT requirements.
10 All Backfill within Right-Of-Way shall Be CDF.
11 Fire Protection system uses water only, the site does not have access to an auxiliary water system, and the system is not subject to chemical additives.
12 Items within meter vault include 4" Domestic Water Meter (L-6317 A, B, D, & E), and 8" Double Check Detector Assembly Fire Backflow Preventer per ASSE #1048 (L-9002A-G).

**OVERALL SITE PLAN**
Scale: 1" = 30'
NOTE: See Sheet 5 for Proposed DWS & FPM Profiles

GRAPHIC SCALE
0 15 30 60
1 inch = 30 feet

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CITY OF NEW ALBANY, FRANKLIN COUNTY, OHIO
PRIVATE WATER SERVICE PLAN
FOR
NATIONWIDE CHILDRENS
CLOSE TO HOME
GANTON PARKWAY
PLAN VIEW

WSP-XXXX

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PLAN VIEW

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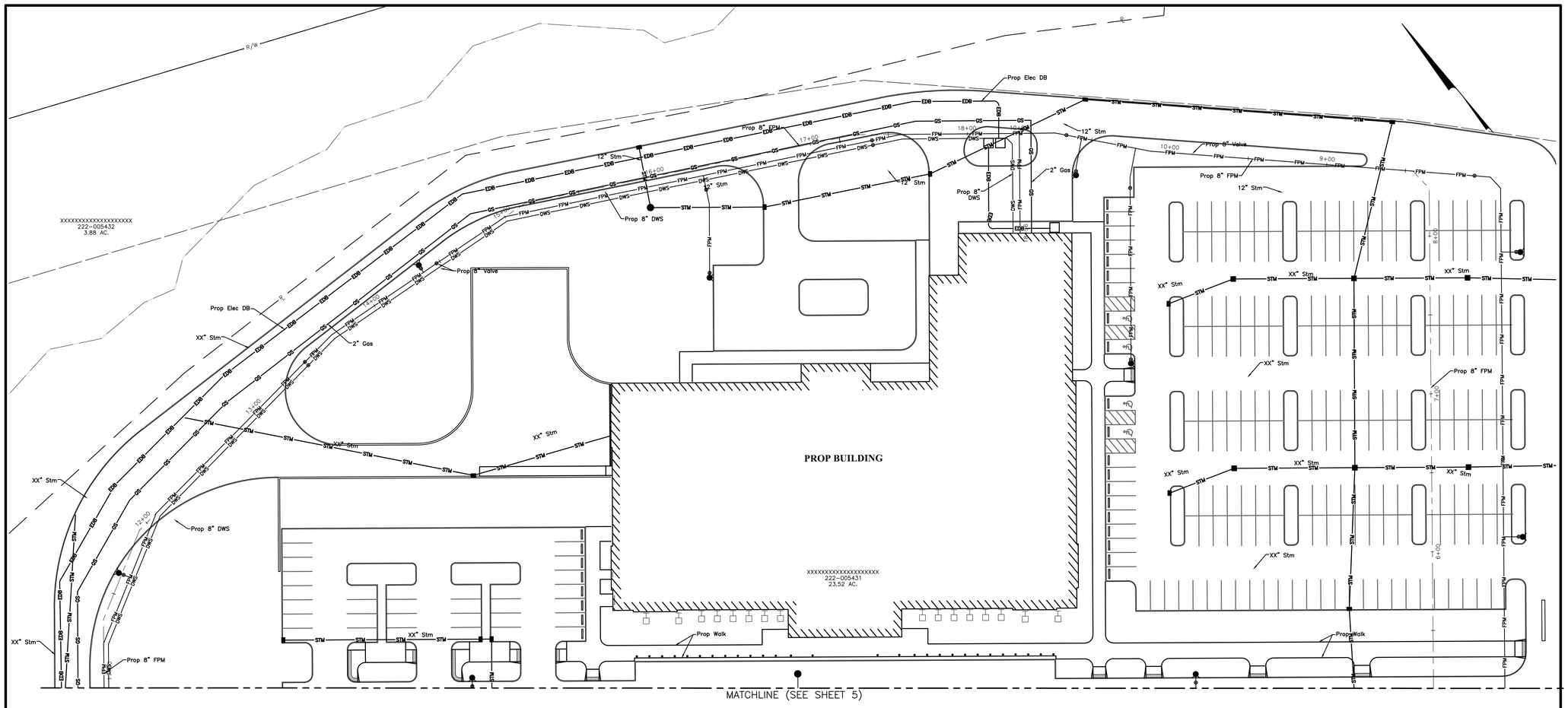


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**OVERALL SITE PLAN**
Scale: 1" = 30'
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FOR
NATIONWIDE CHILDRENS
CLOSE TO HOME
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WSP-XXXX

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PLAN VIEW

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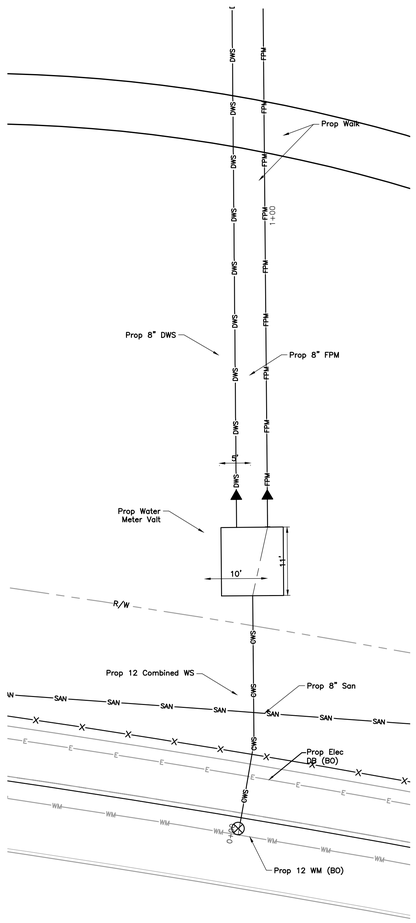


**PROPOSED WATER SERVICE PLAN DETAIL**
Scale: 1" = 10'
NOTE: See Sheet 5 for Proposed DWS & FPM Profiles

† Water Service and Water line to be lowered a minimum of 1.5' below storm sewer/underdrain in case of conflict. See COC Std Detail L-7401.

§ Contractor to verify elevation and location of existing utility before construction. If minimum clearances cannot be achieved, Contractor shall notify design engineer of any necessary modifications (in writing and provide detailed information regarding conflicts found) a minimum of 30 days prior to anticipated mobilization so that any necessary revisions can be coordinated with the appropriate parties.

| EASEMENT REFERENCE | REVISIONS |
|---|---|
| | |


Evans, Mechwart, Hambleton & Tilton, Inc.
Engineers • Surveyors • Planners • Scientists
5500 New Albany Road, Columbus, OH 43054
Phone: 614.775.4500 Toll free: 888.775.3648
emht.com


CITY OF NEW ALBANY, FRANKLIN COUNTY, OHIO
PRIVATE WATER SERVICE PLAN
FOR
NATIONWIDE CHILDRENS
CLOSE TO HOME
GANTON PARKWAY
WATER SERVICE PROFILE

WSP-XXXX

SHEET: 5 / 5


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New Albany Close To Home
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July 11, 2025
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WATER SERVICE PROFILE

C305


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2 Xrefs: FranklinIndex, WSP Border



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2 EXTERIOR ELEVATION - NORTH

3/32" = 1'-0"

1 EXTERIOR ELEVATION - SOUTH

3/32" = 1'-0"

OVERALL MATERIALS LIST:

| | |
|---|---|
| BR-01 | FIRST CLASS, GRADE A, RED MODULAR BRICK WITH COLOR VARIATION |
| BR-02 | FIRST CLASS, GRADE A, RED MODULAR ACCENT BRICK WITH COLOR VARIATION |
| ST-01 | ARCHITECTURAL CAST STONE |
| GL-01 | CLEAR, LOW-IRON, TEMPERED, DBL GLAZED, WITH LOW-E COATING ON #2 SURFACE. MULLIONS TO BE METALLIC PAINTED ALUMINUM WITH EXPRESSED PROFILES |
| GL-02 | CLEAR, DBL GLAZED, WITH LOW-E COATING ON #2 SURFACE. MULLIONS TO BE METALLIC PAINTED ALUMINUM WITH EXPRESSED PROFILES |
| GL-03 | CLEAR, DBL GLAZED, WITH LOW-E COATING ON #2 SURFACE WITH METAL PAINTED SHADOWBOX BEYOND. MULLIONS TO BE METALLIC PAINTED ALUMINUM WITH EXPRESSED PROFILES |
| GL-04 | TEMPERED LOW-IRON GLAZING AND FRIT |
| MT-01 | METALLIC PAINTED PERFORATED METAL. OPACITY OF PERFORATION TO BE COORDINATED WITH MEP, STRUCTURAL FRAMING BEYOND TO BE PAINTED BLACK |
| MT-02 | METALLIC PAINTED PERFORATED METAL IN FRONT OF ACTIVE LOUVERS OR INSULATED PANEL. OPACITY OF PERFORATION TO BE COORDINATED WITH MEP, STRUCTURAL FRAMING BEYOND TO BE PAINTED BLACK |
| MT-03 | PAINTED STEEL AND ALUMINUM CLAD CANOPY |

GENERAL ARCHITECTURAL NOTES:

1. ALL INTERIOR PARTITIONS, STRUCTURE, AND FLOOR SLABS SHOWN IN THE PERIMETER PLANS, FACADE SECTIONS, AND DETAILS ARE FOR DIAGRAMMATIC PURPOSES ONLY.
2. ASSOCIATE ARCHITECT AND CONSULTANTS TO COORDINATE AND NOTIFY RAMSA OF ANY CONFLICTS WITH EXTERIOR ELEVATIONS.
3. DIMENSIONS SHOWN ARE FOR EXTERIOR PROFILES ONLY. WALL STRCUTRE AND CAVITY TO BE DESIGNED BY OTHERS.
4. STRUCTURE INCLUDING COLUMN LOCATIONS TO BE COORDINATED WITH ASSOCIATE ARCHITECT.
5. MEP EQUIPMENT TO BE COORDINATED BY ASSOCIATE ARCHITECT.
6. GRADING, PARKING LEVELS AND SITE SECTIONS ARE SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. REFER TO ASSOCIATE ARCHITECT'S DRAWING FOR SITE GRADING AND INTERIOR/EXTERIOR GRADE DIFFERENCE.
7. RAMSA TO REVIEW MATERIAL SAMPLES TO DETERMINE CUSTOM COLOR AND FINISH FOR EACH MATERIAL.


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# Close To Home New Albany

Nationwide Children's Hospital

Gantton Parkway, New Albany, OH

Final Development Plan

July 11, 2025

REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

EXTERIOR ELEVATIONS - NORTH & SOUTH

A202


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2 EXTERIOR ELEVATION - EAST

3/32" = 1'-0"

1 EXTERIOR ELEVATION - WEST

3/32" = 1'-0"

OVERALL MATERIALS LIST:

| | |
|---|---|
| BR-01 | FIRST CLASS, GRADE A, RED MODULAR BRICK WITH COLOR VARIATION |
| BR-02 | FIRST CLASS, GRADE A, RED MODULAR ACCENT BRICK WITH COLOR VARIATION |
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A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

EXTERIOR ELEVATIONS - EAST & WEST

A203


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# EXTERIOR MATERIALS

MULTI-COLOR BRICK MIX

**1. FACE BRICK**

OR

**2. CAST STONE**

OR

**3. PAINTED ALUMINUM**

**4. LOW IRON GLAZING**

**5. CLEAR LOW-E GLAZING**

**6. TEMPERED GLASS**

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FACADE MATERIALS

A204


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TRASH COMPACTOR/ DUMPSTER TO BE LOCATED IN LOWER LEVEL COVERED RECESSED DOCK.

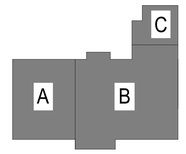
N

## LOWER LEVEL - OVERALL PLAN

SCALE: 3/32" = 1'-0"

KEY PLAN

NORTH





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LOWER LEVEL - OVERALL PLAN

SP0-X120-27


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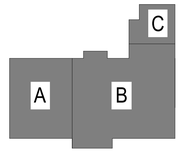
# FIRST FLOOR - OVERALL PLAN

SCALE: 3/32" = 1'-0"

KEY PLAN

NORTH





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FIRST FLOOR - OVERALL PLAN

SP1-X120-27


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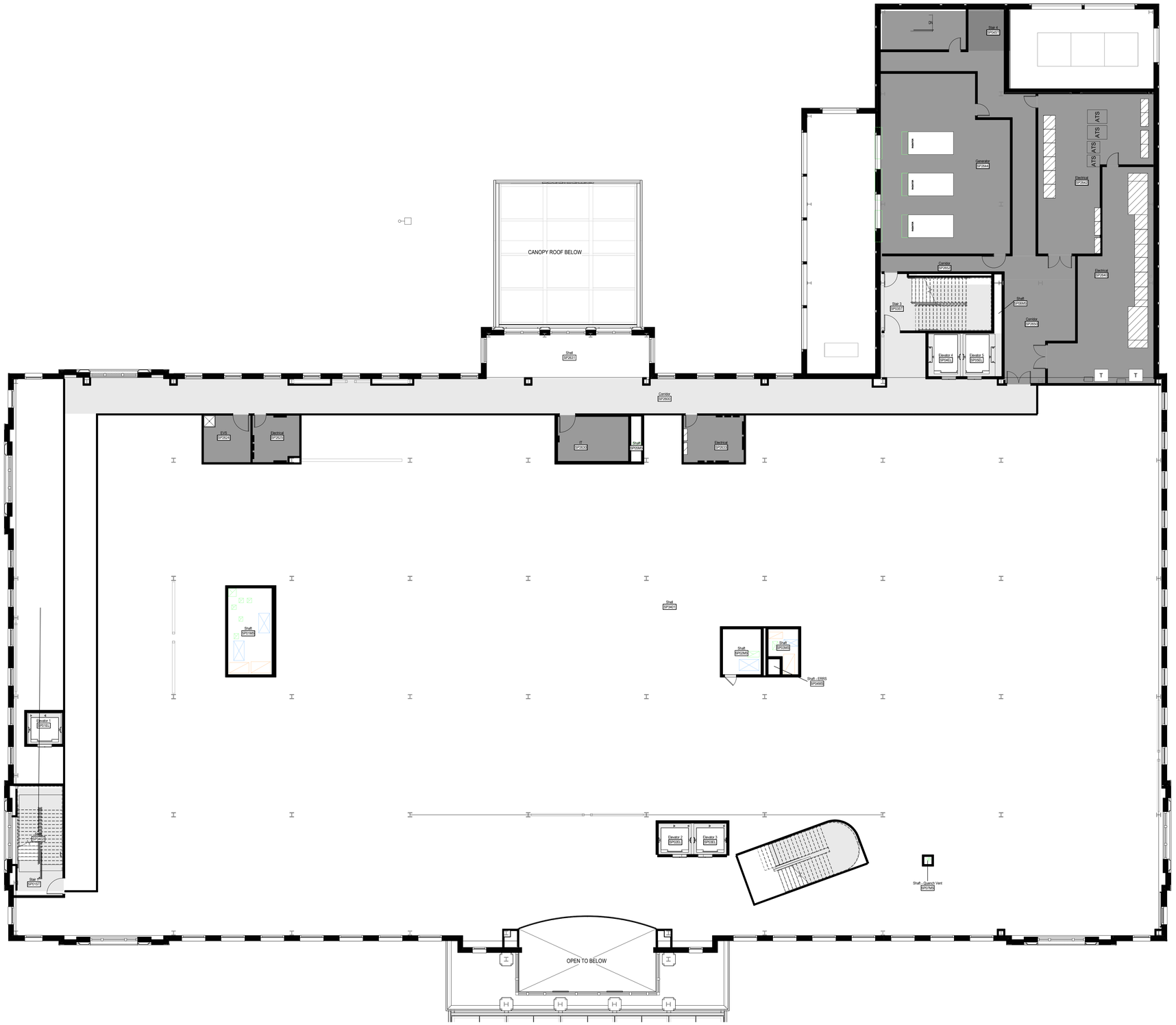



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# New Albany Close To Home

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Gantton Parkway, New Albany, OH

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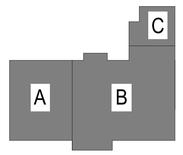
KEY PLAN

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SECOND FLOOR - OVERALL PLAN

SP2-X120-27

## SECOND FLOOR - OVERALL PLAN

SCALE: 3/32" = 1'-0"


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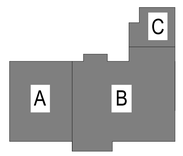
N

# THIRD FLOOR - OVERALL PLAN

SCALE: 3/32" = 1'-0"

## KEY PLAN

NORTH





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THIRD FLOOR - OVERALL PLAN

SP3-X120-27


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**MEP EQUIPMENT TO BE SCREENED FROM VIEW WITHIN BRICK CLAD PENTHOUSE AND SCREENWALL ENCLOSURES**

## PENTHOUSE - OVERALL PLAN

SCALE: 3/32" = 1'-0"

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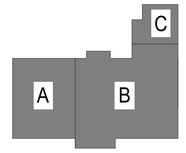
KEY PLAN

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FOURTH FLOOR (PENTHOUSE) - OVERALL PLAN

SP4-X120-27

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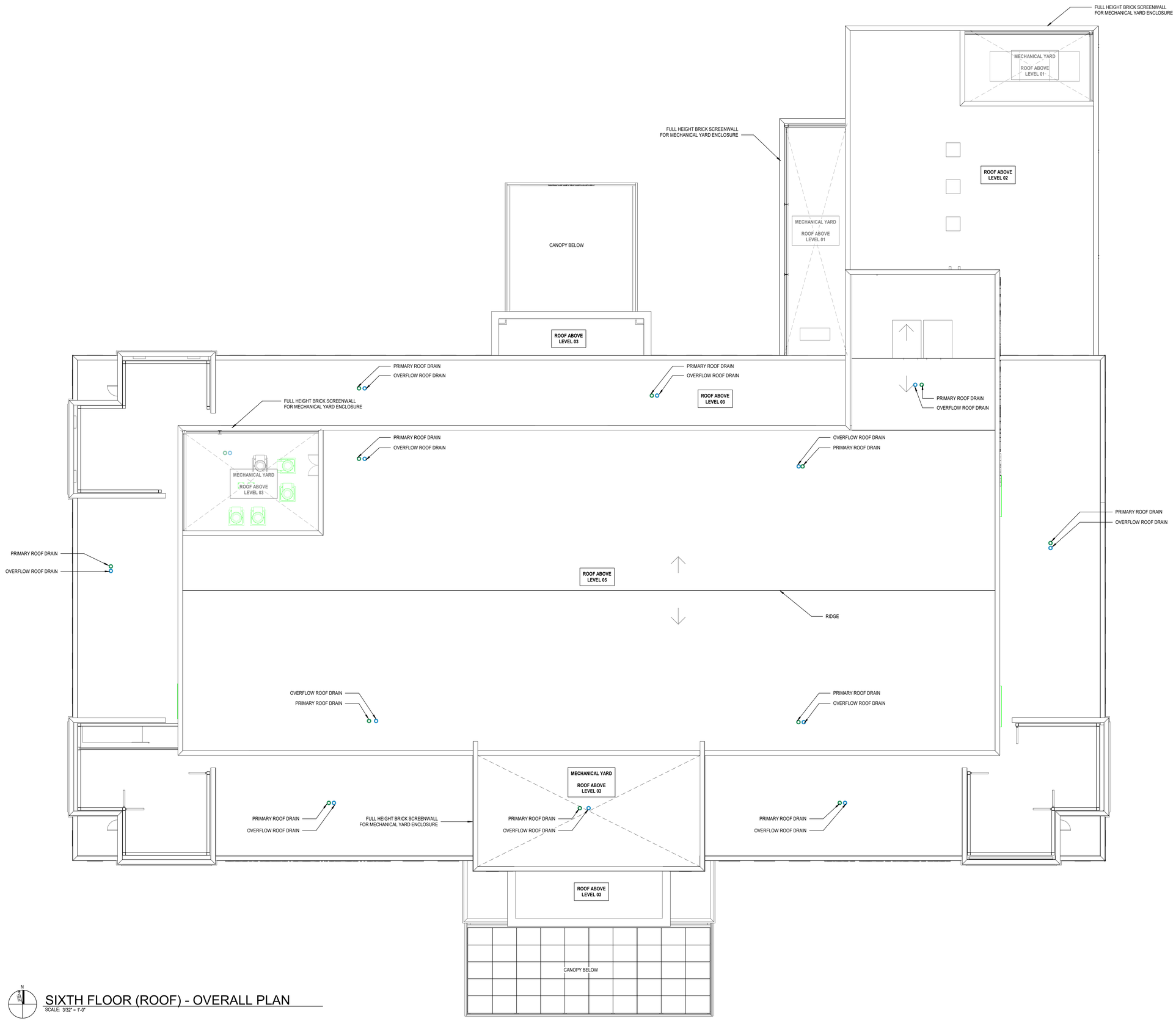


## SIXTH FLOOR (ROOF) - OVERALL PLAN

SCALE: 3/32" = 1'-0"

**NOTE: ALL MECHANICAL EQUIPMENT TO BE SCREENED FROM VIEW WITHIN MECHANICAL PENTHOUSE OR BEHIND SCREENWALLS. SCREENING MATERIALS TO MATCH MAJOR BUILDING FACADE MATERIALS, SEE ARCHITECTURAL ELEVATIONS.**


**CLIENT:**
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Ross Hall, R4000
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**EXTERIOR DESIGN ARCHITECT:**
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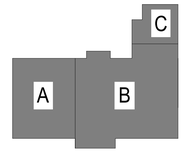
## KEY PLAN




# New Albany Close To Home

Nationwide Children's Hospital

Ganton Parkway, New Albany, OH

Final Development Plan
July 11, 2025
REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

SIXTH FLOOR (ROOF) - OVERALL PLAN

SP6-X120-27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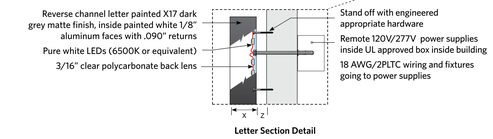
# John Doe Outpatient Center




**Letter Section Detail**

Font: Whitney Semibold

NCH will provide 120V/277V electrical circuits within five feet of the center of each sign. All exterior lighting circuits should be controlled by a photocell. Refer to NCH Design Requirements for additional information. Service disconnect to be located, when practical, on the interior of the building. Seal all penetrations per NCH Design Requirements.

This and all signs are to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable codes and municipality requirements. This would include proper grounding and bonding.

The Sign Company is to field verify all dimensions prior to engineering drawings and fabrication, and coordinate blocking and power requirements with the NCH Interiors Team.

Please read the disclaimer copy to the right in the document title block for details.

**Donor/Institute Name Scaled Dimensions Chart**

| Cap Height (N) | Depth of Channel Cabinets (Y) | Distance from Wall (Z) |
|---|---|---|
| < 12" | 3" | 2" |
| 1'-2' | 4" | 2" |
| 2'-5' | 5" | 3" |
| 5'-8' | 6" | 3" |

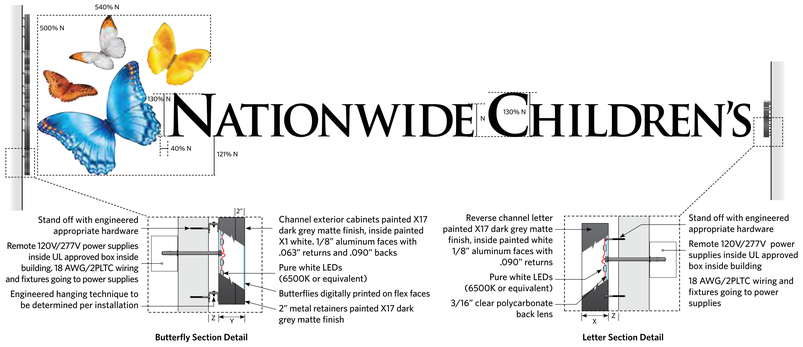
**Facility Primary Identification Internally Illuminated**

**Wall Sign**

**Institute/Donor Name**

**Illuminated**

**ST2**




**Butterfly Section Detail** **Letter Section Detail**

**Note: Logo artwork is to be obtained from NCH and not created or modified in any way.**

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**Scaled Dimensions Chart**

| Cap Height (N) | Height of Butterflies (500% N) | Depth of Channel Letters (X) | Depth of Channel Cabinets (Y) | Distance from Wall (Z) |
|---|---|---|---|---|
| < 12" | < 5' | 3" | 3" | 2" |
| 1'-2' | > 5'-10' | 4" | 4" | 2" |
| 2'-5" | 10'-25' | 5" | 5" | 3" |
| 5'-8' | 25'-40' | 6" | 6" | 3" |

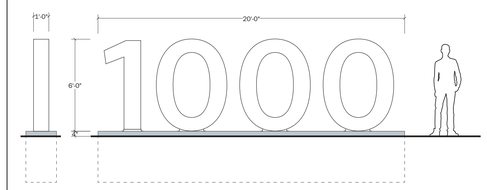
**Campus Primary Identification Internally Illuminated**

**Wall Sign**

**Horizontal Logo**

**Individually Illuminated Letters**

**ST4**




**SIDE VIEW** **FRONT VIEW**
SCALE: 1" = 1'-0"

1. General Description
This specification covers the design, fabrication, finishing, and installation of custom, non-illuminated 3D fabricated steel numbers for exterior use.

2. Dimensions
Height: 6 feet (72 inches).
Depth: 12 inches.

4. Material and Fabrication
Material: Structural-grade steel suitable for outdoor environments, conforming to ASTM A36 or equivalent.
Fabrication: Numbers to be precision-cut using laser or waterjet technology for accuracy. Edges to be smooth, free of burrs, and free of sharp or hazardous elements.
Structure: Fully welded construction with internal bracing, if necessary, to ensure stability and resistance to wind loads and other environmental forces.

5. Finish
Surface Preparation: Steel to be sandblasted or chemically treated to SSPC-SP6 (Commercial Blast Cleaning) or equivalent.
Coating: Powder coat finish in RAL White to match NCH standards.
Coating Thickness: Minimum 2.5 mils to ensure durability and resistance to corrosion and UV degradation.
Surface Finish: Smooth, uniform, and free of defects such as runs, blisters, or overspray.

6. Anchorage System
Numbers shall be individually anchored to a concrete slab with embedded mechanical anchors.
Anchorage System Design:
Anchors: Stainless steel threaded rods with non-corrosive expansion or epoxy anchors sized appropriately for structural load requirements.
Base Plates: Integrated steel base plates with pre-drilled holes for anchorage, concealed within or flush to the bottom edge.
Templates and alignment guides to be provided to ensure precise placement and positioning of each number.

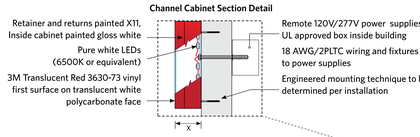
7. Structural and Wind Load Considerations
Numbers to be designed to withstand applicable wind and seismic loads per local building codes. Calculations shall be certified by a licensed structural engineer.

8. Installation
Installer shall verify dimensions, conditions of the slab, and alignment before installation. All work shall be coordinated with the CM and Owner. Installed numbers shall be plumb, level, securely fastened, and free of visible defects.

**FREESTANDING BUILDING ADDRESS IDENTIFICATION**

**ST9**

**Channel Cabinet Section Detail**




# Emergency !

Font: Whitney Bold

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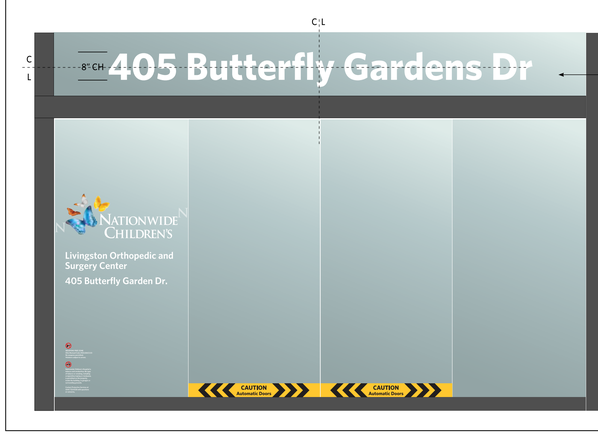
**Facility Primary Identification Internally Illuminated**

**Wall Sign**

**Emergency**

**Illuminated**

**ST8**




Font: Whitney Bold 8" cap height

**Note: This is a building requirement - do not change the size of the font. All copy to be kerned or placed to avoid landing on seams.**

Ohio State Fire Code Section 505.1 requires the street address numbers to be in plain sight from the roadway, at a minimum height of 4" and minimum stroke of 1/2". NCH prefers 12" copy if space allows.

The Sign Company is to field verify all dimensions prior to fabrication, and coordinate with the NCH Interiors Team.

Please read the disclaimer copy to the right in the document title block for details.

**Vinyl Signs**

**Building Numbers**

**Reflective**

**ST7**

**SOUTH ELEVATION**
SCALE: 3/32" = 1'-0"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*Design Req. for Architects & Engineers 2023 v13*

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New Albany Close To Home
Nationwide Children's Hospital
Ganton Parkway, New Albany, OH

Final Development Plan
July 11, 2025
REVISIONS

A/E / NCH PROJ. NO.:
2024-10

EXTERIOR SIGNAGE DRAWINGS

A14.1


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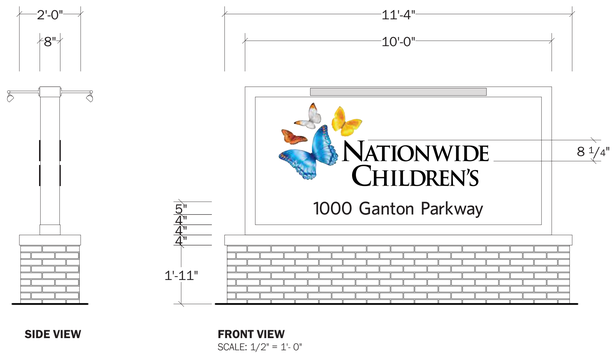


**SIDE VIEW**

**FRONT VIEW**
SCALE: 1/2" = 1'-0"

**Note: Logo artwork is to be obtained from NCH and co-brand. Not created or modified in any way.**

NCH will provide 120V/277V electrical circuits within five feet of the center of each sign. All exterior lighting circuits should be controlled by a photocell. Refer to NCH Design Requirements for additional information. The 120/277 volt power supplies need to have a means of disconnect install that is accessible from the exterior without disassembling the sign. The disconnecting means should be weather resistant and capable of being locked closed to prevent unauthorized individuals from tampering with its operations.

This and all signs are to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable codes and municipality requirements. This would include proper grounding and bonding.

The Sign Company is to field verify all dimensions prior to engineering drawings and fabrication, and coordinate power requirements with the NCH Interiors Team.

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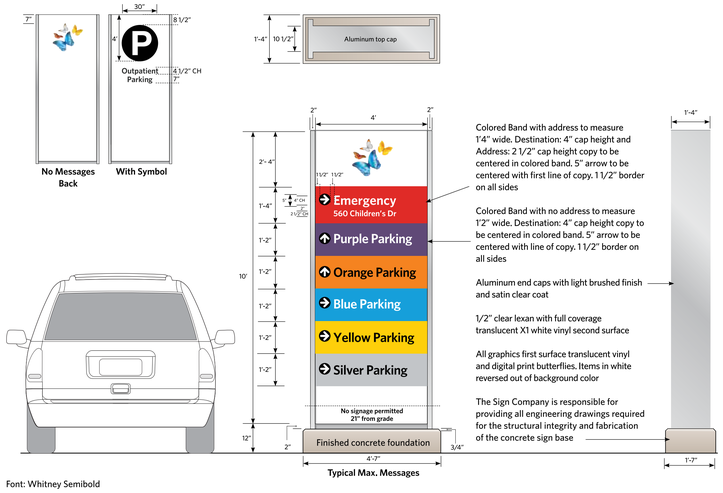
**Campus Identification**

**Ground Sign**

**Campus Landmark**

**Illuminated**

**ST3**




Font: Whitney Semibold

Colored Band with address to measure 1'4" wide. Destination: 4" cap height copy to be centered in colored band. 5" arrow to be centered with first line of copy. 1 1/2" border on all sides

Colored Band with no address to measure 1'2" wide. Destination: 4" cap height copy to be centered in colored band. 5" arrow to be centered with line of copy. 1 1/2" border on all sides

Aluminum end caps with light brushed finish and satin clear coat

1/2" clear lexan with full coverage translucent X1 white vinyl second surface

All graphics first surface translucent vinyl and digital print butterflies. Items in white reversed out of background color

The Sign Company is responsible for providing all engineering drawings required for the structural integrity and fabrication of the concrete sign base

**Note: Sizing of color bands and addresses to be reviewed by location based on amount of content complexities of the campus wayfinding.**

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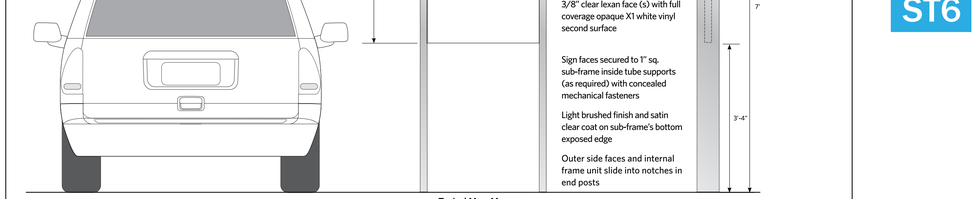
**Vehicular Directional**

**Secondary Directional**

**Illuminated**

**ST5**




Colored Band with no address to measure 11" wide. Destination: 3" cap height copy to be centered in colored band. 4" arrow to be centered with line of copy. 1 1/2" border on all sides

Internal blocking as required to secure top cap

Font: Whitney Semibold

All messages first surface reflective X1 white & X2 black vinyl and digital print butterflies. Top cap light brushed finish and satin clear coat. Secure with countersink mechanical fasteners with matching head finish as pole. Concealed rubber gasket at corner of each notch to seal post and protect sign face(s).

The Sign Company is to field verify all dimensions prior to engineering drawings and fabrication, and coordinate power requirements with the NCH Interiors Team.

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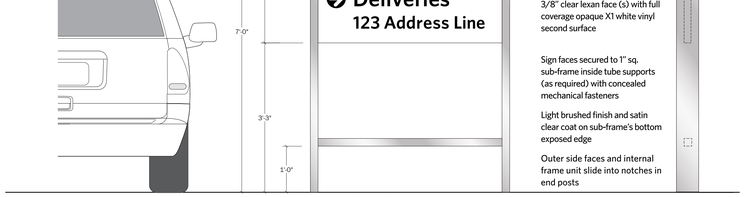
**Vehicular Directional**

**Tertiary Directional**

**Post & Panel**

**Reflective**

**ST6**




Internal blocking as required to secure top cap

6" x 2" aluminum tube support poles, light brushed finish and satin clear coat. Direct burial in ground

3/8" clear lexan face (s) with full coverage opaque X1 white vinyl second surface

Sign faces secured to 1" sq. sub-frame inside tube supports (as required) with concealed mechanical fasteners

Light brushed finish and satin clear coat on sub-frame's bottom exposed edge

Outer side faces and internal frame unit slide into notches in end posts

Font: Whitney Semibold

All messages first surface reflective X1 white & X2 black vinyl and digital print butterflies. Top cap light brushed finish and satin clear coat. Secure with countersink mechanical fasteners with matching head finish as pole. Concealed rubber gasket at corner of each notch to seal post and protect sign face(s).

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**Vehicular Directional**

**Tertiary Directional**

**Post & Panel**

**Reflective**

**ST6.2**




**SIDE VIEW**

**FRONT VIEW**
SCALE: 3/4" = 1'-0"

Flat, cut-out aluminum letters with paint finish on all sides. Letters are secured to building with metal back-pins and epoxy.

**WEST ELEVATION**
SCALE: 3/32" = 1'-0"

Ohio State Fire Code Section 505.1 requires the street address numbers to be in plain sight from the roadway, at a minimum height of 4" and minimum stroke of 1/2". NCH prefers 12" copy if space allows.

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**METAL LETTERING**

**Building Numbers**

**ST1**

The purpose of these guidelines is to provide clarity and consistency with development of exterior signage. The sign vendor awarded the contract by Nationwide Children's Hospital (NCH) and its approved sub-contractors, accepts total responsibility for final control drawings, engineering, materials selection, and sign fabrication and installation based on latest state and federal building codes for each specific location.

NCH assumes no responsibility for final engineering, materials not specified herein, sign fabrication and installation, or use of any non-compliant NCH signs or products developed without prior written consent from NCH. NCH hereby disclaims any and all expressed or implied warranties if these drawings are used for any purpose other than to provide design direction to NCH sign contractors and their sub-contractors.

The drawings within this document are for the exclusive use of NCH. Any other use of these drawings, in whole or in part, without the prior written consent of NCH is prohibited.


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Ganton Parkway, New Albany, OH

Final Development Plan
July 11, 2025
REVISIONS

A/E / NCH PROJ. NO.:
2024-10

EXTERIOR SIGNAGE DRAWINGS

A14.3


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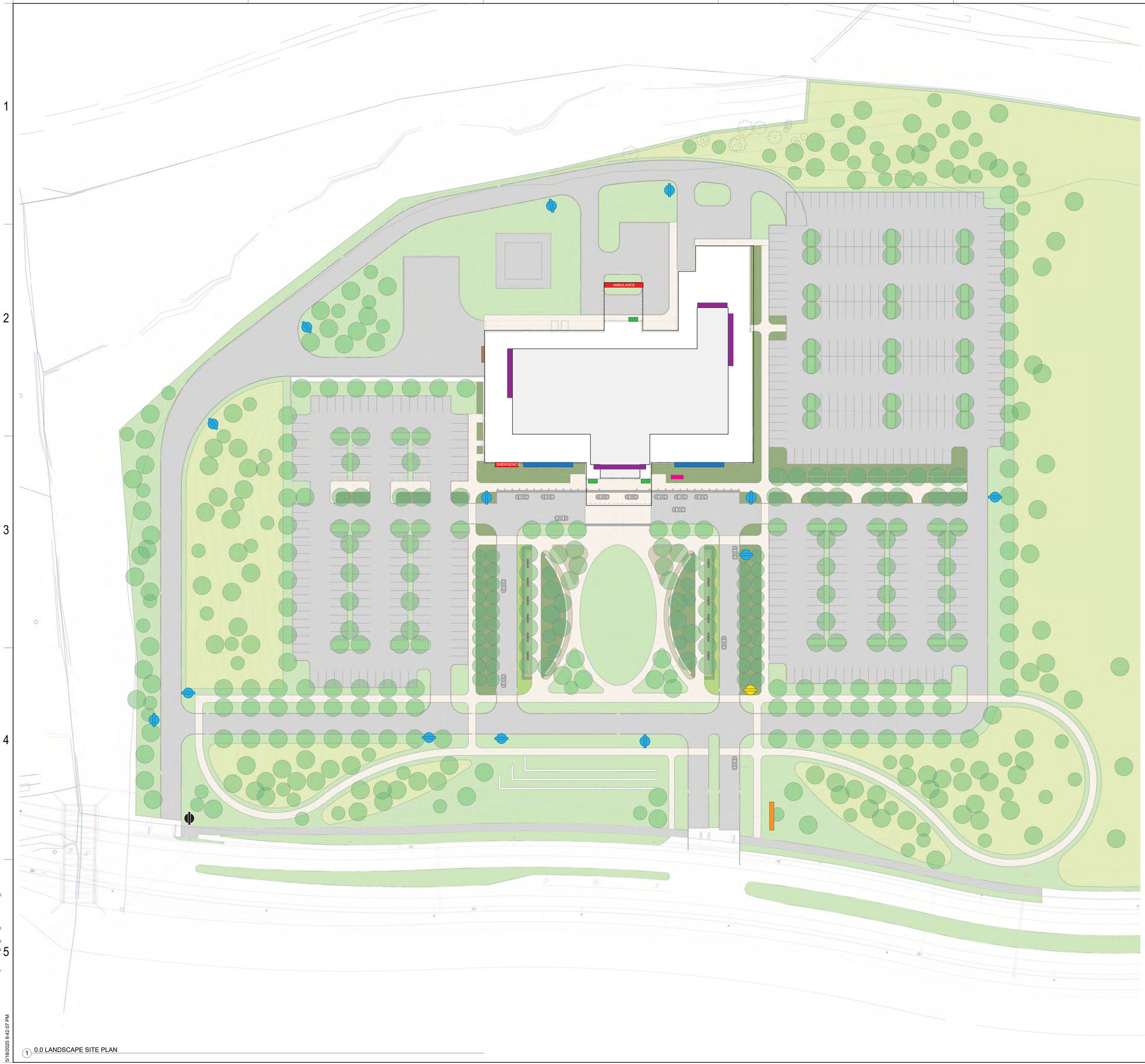


| | |
|---|---|
| ST2 | Institute/Donor Name |
| ST3 | Monument |
| ST4 | Horizontal Logo |
| ST5 | Secondary Directional |
| ST6 | Tertiary Directional |
| ST6.1 | Tertiary Directional (wide) |
| ST7 | Building Numbers |
| ST8 | Emergency Identification |
| ST9 | Freestanding Address ID |

1 0.0 LANDSCAPE SITE PLAN

SCALE: 1" = 40'-0"

0' 20' 40' 80'


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Ganton Parkway, New Albany, OH

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2024-10

EXTERIOR SIGNAGE PLAN

A14.4

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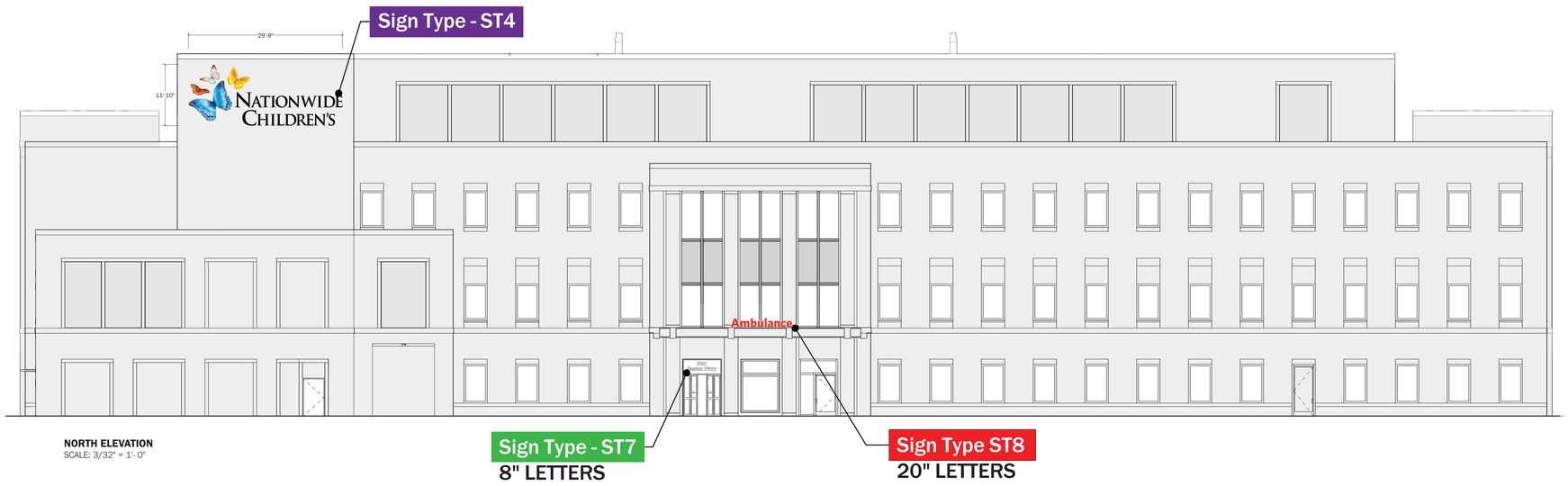
**EAST ELEVATION**
SCALE: 3/32" = 1'- 0"

**WEST ELEVATION**
SCALE: 3/32" = 1'- 0"




**NORTH ELEVATION**
SCALE: 3/32" = 1'- 0"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EXTERIOR SIGNAGE DRAWINGS

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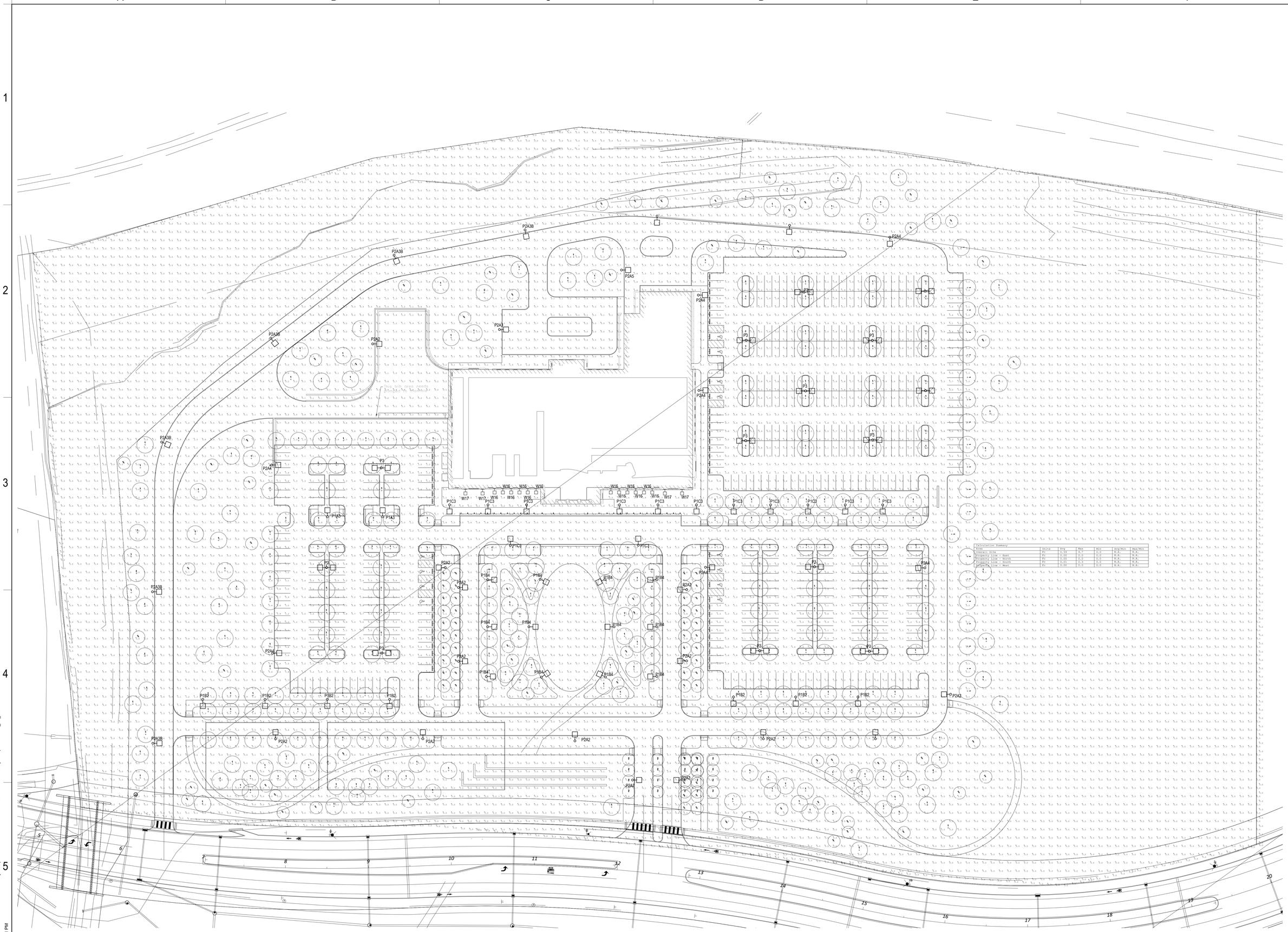


| Calculation Summary | | | | | | |
|---|---|---|---|---|---|---|
| Area | Units | Avg | Max | Min | Avg/Min | Max/Min |
| Overall Site | FC | 0.59 | 4.0 | 0.0 | N.A. | N.A. |
| Property Line - East | FC | 0.00 | 0.0 | 0.0 | N.A. | N.A. |
| Property Line - North | FC | 0.00 | 0.0 | 0.0 | N.A. | N.A. |
| Property Line - South | FC | 0.01 | 0.2 | 0.0 | N.A. | N.A. |
| Property Line - West | FC | 0.00 | 0.0 | 0.0 | N.A. | N.A. |

N

## SITE LIGHTING - LIGHT TRESPASS

SCALE: 1" = 40'-0"


**CLIENT:**
Nationwide Children's Hospital
Engineering Services
700 Children's Drive
Ross Hall, R4000
Columbus, OH 43205
Kevin Noble, RA
(614) 355-1553
Eddie Weeks, MHA
(614) 355-4231

**ARCHITECT OF RECORD, STRUCTURAL & MEP ENGINEER:**
DLR Group
250 West St, Suite 150
Columbus, OH 43215
Bryce Shirley, RA
(614) 254-6225

**EXTERIOR DESIGN ARCHITECT:**
Robert A.M. Stern Architects
1 Park Ave
New York, NY 10016
Meghan McDermott, AIA
(212) 967-5100

**CIVIL ENGINEER:**
EMH&T
5500 New Albany Rd
New Albany, OH 43054
Travis Eifert, PE
(614) 775-4615

**LANDSCAPE ARCHITECT:**
REALM Collaborative
100 E Broad St, Suite 1710
Columbus, OH 43215
Brian Bernstein
(216) 647-5888

**CONSTRUCTION MANAGER:**
CK Construction Group
6245 Westerville Rd
Westerville, OH 43081
Jay Jacobs
(614) 212-5724


*Design Req. for Architects & Engineers 2023 v13*

- NOT FOR CONSTRUCTION -

# New Albany Close To Home

Nationwide Children's Hospital

Ganton Parkway, New Albany, OH

Final Development Plan

July 11, 2025

REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

SITE PLAN - LIGHTING CALCULATIONS - TRESPASS

ES200


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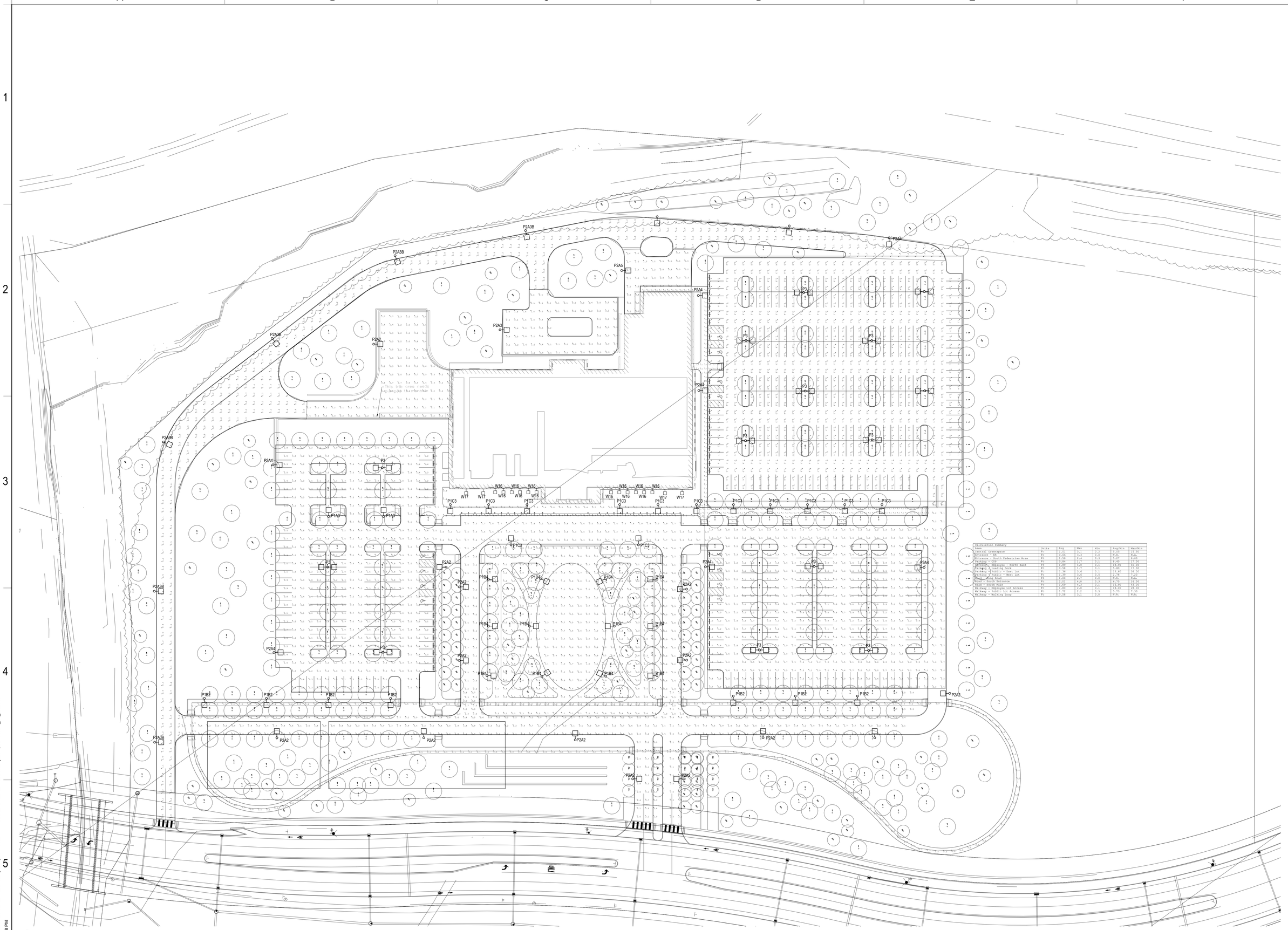


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## SITE LIGHTING - LIGHT LEVELS

SCALE: 1" = 40'-0"


**CLIENT:**
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Engineering Services
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Westerville, OH 43081
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*Design Req. for Architects & Engineers 2023 v13*

- NOT FOR CONSTRUCTION -

# New Albany Close To Home

Nationwide Children's Hospital

Ganton Parkway, New Albany, OH

Final Development Plan
July 11, 2025
REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

SITE PLAN - LIGHTING CALCULATIONS - HARDSCAPES

ES201


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# SITE LIGHTING FIXTURE SCHEDULE

NOTES:
1.
2.
3.
4.
5.

| TYPE | CONSTRUCTION | | | LIGHT SOURCE | | | ELECTRICAL | | PRODUCT | | | | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DESCRIPTION | LENS/LOUVER | MOUNTING | LAMP | CCT | CRI | VOLT | WATTS (W) | MFR | MODEL | CATALOG NUMBER | EQUIVALENT MFR | |
| P1A3 | POLE TOP LED FIXTURE WITH TYPE 3 DISTRIBUTION, FLAT SOFT LIGHT DIFFUSED ACRYLIC LENS, MDL018 DRIVER, 12L LED AND BLACK FINISH | POLYCARBONATE | POST TOP, 14' ROUND ALUMINUM POLE | LED | | 70 | 277 V | 27 W | STERNBERG LIGHTING | SOLANA SL660 | PT-SL660-12L-40-T3-MDL008-SV1 | | |
| P1B2 | SAME AS P1A3, DIFFERENT LUMEN OUTPUT, TYPE 2 DISTRIBUTION | POLYCARBONATE | POST TOP, 14' ROUND ALUMINUM POLE | LED | | 70 | 277 V | 46 W | STERNBERG LIGHTING | SOLANA SL660 | PT-SL660-12L-40-T2-MDL014-SV1 | | |
| P1B4 | SAME AS P1A3, DIFFERENT LUMEN OUTPUT, TYPE 4 DISTRIBUTION | POLYCARBONATE | POST TOP, 14' ROUND ALUMINUM POLE | LED | | 70 | 277 V | 46 W | STERNBERG LIGHTING | SOLANA SL660 | PT-SL660-12L-40-T4-MDL014-SV1 | | |
| P1C3 | SAME AS P1A3, DIFFERENT LUMEN OUTPUT, TYPE 3 DISTRIBUTION | POLYCARBONATE | POST TOP, 14' ROUND ALUMINUM POLE | LED | | 70 | 277 V | 60 W | STERNBERG LIGHTING | SOLANA SL660 | PT-SL660-12L-40-T3-MDL018-SV1 | | |
| P2A2 | 25' ROUND ARM MOUNTED POLE FIXTURE WITH SPUN ALUMINUM HOUSING, DIE CAST ALUMINUM LENS FRAME, LED OPTICS, POLYCARBONATE LENS, 570mA DRIVER CURRENT, TYPE 2 DISTRIBUTION AND BLACK FINISH | POLYCARBONATE | ARM MOUNT, 25' ROUND ALUMINUM POLE | LED | | 70 | 277 V | 130 W | KIM LIGHTING | CC21A2 | 1A-CC21A2-72L-570-4K7-2-PL-BLT-UNV | | |
| P2A3 | SAME AS P2A2, TYPE 3 DISTRIBUTION | POLYCARBONATE | ARM MOUNT, 25' ROUND ALUMINUM POLE | LED | | 70 | 277 V | 130 W | KIM LIGHTING | CC21A2 | 1A-CC21A2-72L-570-4K7-3-PL-BLT-UNV | | |
| P2A3B | SAME AS P2A2, TYPE 3 DISTRIBUTION, BACK LIGHT CONTROL | POLYCARBONATE | ARM MOUNT, 25' ROUND ALUMINUM POLE | LED | | 70 | 277 V | 130 W | KIM LIGHTING | CC21A2 | 1A-CC21A2-72L-570-4K7-3-PL-BLT-UNV-BC | | |
| P2A4 | SAME AS P2A2, TYPE 4 DISTRIBUTION | POLYCARBONATE | ARM MOUNT, 25' ROUND ALUMINUM POLE | LED | | 70 | 277 V | 130 W | KIM LIGHTING | CC21A2 | 1A-CC21A2-72L-570-4K7-4-PL-BLT-UNV | | |
| P2A5 | SAME AS P2A2, TYPE 5 DISTRIBUTION | POLYCARBONATE | ARM MOUNT, 25' ROUND ALUMINUM POLE | LED | | 70 | 277 V | 130 W | KIM LIGHTING | CC21A2 | 1A-CC21A2-72L-570-4K7-5-PL-BLT-UNV | | |
| P3 | 25" ROUND (2-HEAD) ARM MOUNTED POLE FIXTURE WITH SPUN ALUMINUM HOUSING, DIE CAST ALUMINUM LENS FRAME, LED OPTICS, POLYCARBONATE LENS, 570mA DRIVER CURRENT, TYPE 4 DISTRIBUTION AND BLACK FINISH | POLYCARBONATE | ARM MOUNT, 25' ROUND ALUMINUM POLE | LED | | 70 | 277 V | 260 W | KIM LIGHTING | CC21A2 | 2SB-CC21A2-72L-570-4K7-2-PL-BLT-UNV | | |
| W16 | CAST ALUMINUM WALL SCONCE, DOWNLIGHT ONLY, FLOOD OPTIC | POLYCARBONATE | WALL MOUNT, 8' AFF | LED | | 70 | 277 V | 26 W | LUMINIS | SQ600 | SQ600 L1L25 FLD 40K MVOLT BKT | | |
| W17 | CAST ALUMINUM WALL SCONCE, NARROW BEAM UPLIGHT, FLOOD OPTIC DOWNLIGHT | POLYCARBONATE | WALL MOUNT, 8' AFF | LED | | 70 | 277 V | 51 W | LUMINIS | SQ602 | SQ602 L2L25 VRNU FLDD 40K MVOLT BKT | | |

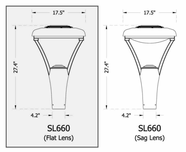
## P1A3, P1B2, P1B4, P1C3

**Specification Sheet**

**Solana™**
**SL660 Medium Post Top**

Project Name _____ Qty _____

Type _____ Catalog / Part Number _____




**7 Year Warranty**

**Description**

The Solana™ Post Top Luminaire's modern geometric design complements a diverse assortment of contemporary architectural settings. It's urbanesque yoke design offers not only aesthetic beauty, durability and optical efficiency, but takes street, area, and medium mount lighting to another level. The Medium Solana™ SL660 is well suited for all site and pedestrian environments.
**EPA: .9 (FT) | WEIGHT: 29 LBS**

**Mounting Configuration**

Wall Mount | Post Top | 1 Arm Mount | 1 Arm & Post Top | 2 Arm Mount @ 180°
2 Arm Mount @ 90° | 2 Arm @ 180° & Post Top | 3 Arms @ 120° | 3 Arms @ 90° | 3 Arm @ 120° & Post Top
4 Arms @ 90° | 4 Arm @ 90° & Post Top | 1 Arm Mid-Mount | 2 Arm Mid-Mount @180°

**Features**

| | |
|---|---|
| **Mounting Configuration** | **1W:** Wall Mount<br>**PT:** Post Top<br>**1A:** 1 Arm Mount<br>**1APT:** 1 Arm & Post Top<br>**2A:** 2 Arm Mount @ 180°<br>**2AT0:** 2 Arm Mount @ 90°<br>**2APT:** 2 Arm @ 180° & Post Top<br>**3A:** 3 Arms @ 120°<br>**3AT0:** 3 Arms @ 90°<br>**3APT:** 3 Arm @ 120° & Post Top<br>**4A:** 4 Arms @ 90°<br>**4APT:** 4 Arm @ 90° & Post Top<br>**1AM:** 1 Arm Mid-Mount<br>**2AM:** 2 Arm Mid-Mount @180° |
| **Optional Control Receptacle** | **R7:** 7-Pin control receptacle only |
| **Optional Control** | **PE:** Twist-Lock Photocontrol (120V-277V)<br>**PE4:** Twist-Lock Photocontrol (347V-480V)<br>**SC:** Shorting Cap<br>**PEC:** Electronic Button Photocontrol (120V-277V)<br>**PEC4:** Electronic Button Photocontrol (480V) |
| **Optional Fuse** | **FHD:** Double Fuse and Holder |
| **Optional House Side Shield** | **HSS:** 120° House Side Shield<br>**BLOC:** Back Light Optical Control |

Sternberg
555 Lawrence Ave, Roselle, IL, 60172, US | T 847-588-3400 | csschedule@sternberglighting.com
www.sternberglighting.com www.sternberglighting.com/products/14

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## P2A2, P2A3, P3A3B, P2A4, P2A5

KIM LIGHTING

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

**CC21A2/P2**
ARCHITECTURAL AREA/SITE

Curvilinear

**FEATURES**

- TIR Optics
- Patented low profile luminaire
- Available in 595nm, 3000K, 4000K and 5000K standard CCT
- Type 1, 2, 3, 4, 4W, 5QM, 5QN, 5R, 5W distributions
- 0 - 10V dimming drivers standard
- IP66 optic assembly

cULus LISTED | 3000K and warmer CCTs only | Buy American-Construction Materials under Trade Agreements Specifications

**RELATED PRODUCTS**
Ouro | Pavilion | PGL8

**SPECIFICATIONS**

**CONSTRUCTION**
- One piece non die-cast housing, low copper (<0.6% Cu) Aluminum Alloy with integral cooling ribs over the optical chamber and electrical compartment
- Double-thick wall with gussets on the support-arm mounting end
- Housing forms a half cylinder with 55° front face plane providing a recess to allow a flush single-latch detail
- All hardware is stainless steel or electro-zinc plated steel
- Finish: fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat
- One-piece die-cast, low copper (<0 6% Cu) aluminum alloy lens frame with 1" minimum depth around the gasket flange
- Optional clear 1/8" thick tempered glass lens retained by eight steel clips with full silicone gasketing around the perimeter
- Optional, fixture supplied with a one-piece flat, clear, UV stabilized polycarbonate, fully gasketed, replacing the standard tempered glass lens. CAUTION: Use only when vandalism is anticipated to be high. Useful life is limited by UV discoloration from sunlight. A program of regular inspection and periodic replacement is highly recommended to maintain optimum fixture performance
- One-piece extruded aluminum arm with internal bolt guides and fully radiussed top and bottom
- Luminaire-to-pole attachment is by internal draw bolts, and includes a pole reinforcing plate with wire strain relief
- Arm is circular cut for specified round pole

**CONSTRUCTION (CONTINUED)**
- Optional cast, low copper aluminum horizontal slip-fitter with adaptor plate to secure the luminaire to 2" IPS pipe size arms
- Optional cast aluminum wall mount plate assembly. Attaches to the wall over the junction box. Luminaire attaches to the wall plate

**OPTICS**
- Optical cartridge system consisting of a die cast heat sink, LED engine, TIR optics, gasket and bezel plate
- Cartridge is easily disassembled to replace components. Optics are held in place without the use of adhesives
- Molded silicone gasket ensures a weather-proof seal around each individual LED
- Features revolutionary individual LED optical control based on high performance TIR optical designs
- Optional BackLight Control for complete control of unwanted backlight
- IP66 Optical assembly
- Type 1, 2, 3, 4, 4W, 5QM, 5QN, 5R, and 5W standard distributions Custom available
- 3000K, 4000K, 5000K standard CCT. Amber and custom available
- Die-cast, low copper aluminum heat sink modules provide thermal transfer at PCB level
- Anodized aluminum heat sink modules

**INSTALLATION**
- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

**ELECTRICAL**
- Dimming range from 10% to 100% through the use of standard 0-10V interface on the programmable driver
- Modular wiring harness in the service area provides user access to the dimming circuitry
- Optional factory programmed dimming profile
- Surge protection: 10kV surge suppression
- SF for 120, 277, 347 Line volts
  DF for 208, 240, 480 Line volts
- Wiring: 14GA wires rated 150°C

**CONTROLS**
- Standard PC 7 Pin Receptacle

**CERTIFICATIONS AND LISTINGS**
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations
- RoHS compliant
- IDA approved, 3000K and warmer CCTs only
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 6/06/2020. See Buy American Solutions

**WARRANTY**
- 5 year warranty

| KEY DATA | |
|---|---|
| Lumen Range | 4,268–23,572 |
| Wattage Range | 74–208 |
| Efficacy Range (LPW) | 51–139 |
| Reported Life (Hours) | L70/60,000 |
| Weight | 47 lbs 21.31 kg |
| EPS Front View / Side View | 1.2 / 1.2 |

Current by HLI

currentlighting.com/kimlighting

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## P3

KIM LIGHTING

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

**CC21A2/P2**
ARCHITECTURAL AREA/SITE

Curvilinear

**FEATURES**

- TIR Optics
- Patented low profile luminaire
- Available in 595nm, 3000K, 4000K and 5000K standard CCT
- Type 1, 2, 3, 4, 4W, 5QM, 5QN, 5R, 5W distributions
- 0 - 10V dimming drivers standard
- IP66 optic assembly

cULus LISTED | 3000K and warmer CCTs only | Buy American-Construction Materials under Trade Agreements Specifications

**RELATED PRODUCTS**
Ouro | Pavilion | PGL8

**SPECIFICATIONS**

**CONSTRUCTION**
- One piece non die-cast housing, low copper (<0.6% Cu) Aluminum Alloy with integral cooling ribs over the optical chamber and electrical compartment
- Double-thick wall with gussets on the support-arm mounting end
- Housing forms a half cylinder with 55° front face plane providing a recess to allow a flush single-latch detail
- All hardware is stainless steel or electro-zinc plated steel
- Finish: fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat
- One-piece die-cast, low copper (<0 6% Cu) aluminum alloy lens frame with 1" minimum depth around the gasket flange
- Optional clear 1/8" thick tempered glass lens retained by eight steel clips with full silicone gasketing around the perimeter
- Optional, fixture supplied with a one-piece flat, clear, UV stabilized polycarbonate, fully gasketed, replacing the standard tempered glass lens. CAUTION: Use only when vandalism is anticipated to be high. Useful life is limited by UV discoloration from sunlight. A program of regular inspection and periodic replacement is highly recommended to maintain optimum fixture performance
- One-piece extruded aluminum arm with internal bolt guides and fully radiussed top and bottom
- Luminaire-to-pole attachment is by internal draw bolts, and includes a pole reinforcing plate with wire strain relief
- Arm is circular cut for specified round pole

**CONSTRUCTION (CONTINUED)**
- Optional cast, low copper aluminum horizontal slip-fitter with adaptor plate to secure the luminaire to 2" IPS pipe size arms
- Optional cast aluminum wall mount plate assembly. Attaches to the wall over the junction box. Luminaire attaches to the wall plate

**OPTICS**
- Optical cartridge system consisting of a die cast heat sink, LED engine, TIR optics, gasket and bezel plate
- Cartridge is easily disassembled to replace components. Optics are held in place without the use of adhesives
- Molded silicone gasket ensures a weather-proof seal around each individual LED
- Features revolutionary individual LED optical control based on high performance TIR optical designs
- Optional BackLight Control for complete control of unwanted backlight
- IP66 Optical assembly
- Type 1, 2, 3, 4, 4W, 5QM, 5QN, 5R, and 5W standard distributions Custom available
- 3000K, 4000K, 5000K standard CCT. Amber and custom available
- Die-cast, low copper aluminum heat sink modules provide thermal transfer at PCB level
- Anodized aluminum heat sink modules

**INSTALLATION**
- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

**ELECTRICAL**
- Dimming range from 10% to 100% through the use of standard 0-10V interface on the programmable driver
- Modular wiring harness in the service area provides user access to the dimming circuitry
- Optional factory programmed dimming profile
- Surge protection: 10kV surge suppression
- SF for 120, 277, 347 Line volts
  DF for 208, 240, 480 Line volts
- Wiring: 14GA wires rated 150°C

**CONTROLS**
- Standard PC 7 Pin Receptacle

**CERTIFICATIONS AND LISTINGS**
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations
- RoHS compliant
- IDA approved, 3000K and warmer CCTs only
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 6/06/2020. See Buy American Solutions

**WARRANTY**
- 5 year warranty

| KEY DATA | |
|---|---|
| Lumen Range | 4,268–23,572 |
| Wattage Range | 74–208 |
| Efficacy Range (LPW) | 51–139 |
| Reported Life (Hours) | L70/60,000 |
| Weight | 47 lbs 21.31 kg |
| EPS Front View / Side View | 1.2 / 1.2 |

Current by HLI

currentlighting.com/kimlighting

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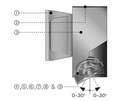
## W16

LUMINIS

SQ600
**SYRIOS SQUARE**
WALL

PROJECT NAME: QUANTITY: TYPE:

ORDERING CODE:




① Cast aluminum driver housing. Includes galvanized steel wall mount pressure plate.
② Cast aluminum ventilated top cover.
③ Seamless extruded aluminum housing.
④ Fully sealed cast aluminum up or down light assembly.
⑤ Sealed cast aluminum lens frame.
⑥ Clear tempered glass lens.
⑦ Faceted specular aluminum reflector.
⑧ Light module with ±30° tilting mechanism allowing forward and back light adjustability.
⑨ All stainless steel hardware.

SQ600

**MATERIALS**

Syrios Square is made of corrosion resistant 356 aluminum alloy with a copper (Cu) content of less than 0.1%. The main housing is made of seamless extruded aluminum, with an integrally sealed LED light module designed for optimal heat dissipation, and lighting performance. Syrios Square is standard with a unique proprietary design allowing the sealed LED module to tilt within the housing. The top cast aluminum cover includes ventilation slots allowing air circulation and cooling of assembly.

**ELECTRICAL DRIVER**

Driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -40°C/-40°F to 55°C/131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

**LED LIGHT ENGINE**

Offered in 2700K/3000K/3500K/4000K CCT with 80 CRI. 70% LED lumen maintenance at 60,000 hours (L70/B50) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21. Optional true amber LED for turtle sensitive areas. Wavelengths: 585nm to 597nm.

**FINISH**

Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

**CERTIFICATION**

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP65. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Actual performance may differ as a result of end-user environment and application.

**WARRANTY**

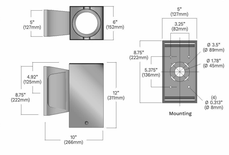
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: https://www.acuitybrands.com/support/warranty/terms-and-conditions

**MOUNTING**

The mounting plate is designed to fit on a 4" (102mm) octagonal electrical box using 3.5" (89mm) C/C mounting holes. Additional mounting holes are provided as per site requirements.

**MEASUREMENTS**

**Maximum weight:** 9.5 lbs (4.3 kg)




LUMINIS.COM
Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

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SQ600
**Rev. 04/30/25**



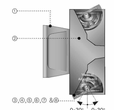
## W17

LUMINIS

SQ602
**SYRIOS SQUARE**
WALL

PROJECT NAME: QUANTITY: TYPE:

ORDERING CODE:




① Cast aluminum driver housing. Includes galvanized steel wall mount pressure plate.
② Seamless extruded aluminum housing.
③ Fully sealed cast aluminum up/down light assembly.
④ Sealed cast aluminum lens frame.
⑤ Clear tempered glass lens.
⑥ Faceted specular aluminum reflector.
⑦ Light module with ±30° tilting mechanism allowing forward and back light adjustability.
⑧ All stainless steel hardware.

SQ602

**MATERIALS**

Syrios Square is made of corrosion resistant 356 aluminum alloy with a copper (Cu) content of less than 0.1%. The main housing is made of seamless extruded aluminum, with an integrally sealed LED light module designed for optimal heat dissipation, and lighting performance. Syrios Square is standard with a unique proprietary design allowing the sealed LED module to tilt within the housing.

**ELECTRICAL DRIVER**

Driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -40°C/-40°F to 55°C/131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

**LED LIGHT ENGINE**

Offered in 2700K/3000K/3500K/4000K CCT with 80 CRI. 70% LED lumen maintenance at 60,000 hours (L70/B50) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21. Optional true amber LED for turtle sensitive areas. Wavelengths: 585nm to 597nm.

**FINISH**

Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

**CERTIFICATION**

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP65. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Actual performance may differ as a result of end-user environment and application.

**WARRANTY**

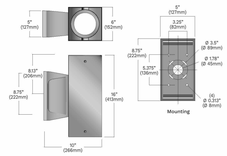
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: https://www.acuitybrands.com/support/warranty/terms-and-conditions

**MOUNTING**

The mounting plate is designed to fit on a 4" (102mm) octagonal electrical box using 3.5" (89mm) C/C mounting holes. Additional mounting holes are provided as per site requirements.

**MEASUREMENTS**

**Maximum weight:** 12.2 lbs (5.5 kg)

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SQ602
**Rev. 05/06/25**



SITE LIGHTING - FIXTURE TYPES
(SEE SUPPLIMENTAL MATERIALS FOR FULL CUTSHEETS)

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New Albany Close To Home
Nationwide Children's Hospital
Ganton Parkway, New Albany, OH

Final Development Plan
July 11, 2025
REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

SITE PLAN - FIXTURES

ES202

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## GENERAL NOTES

1. THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS, AND APPLICABLE REQUIREMENTS OF OTHER REGULATORY AGENCIES.

2. CONTRACTOR IS RESPONSIBLE FOR DETERMINING IF ANY CONFLICT EXISTS. THESE DRAWINGS DO NOT RELIEVE CONTRACTOR OF ITS DUTY TO FULLY COMPLETE AND COMPLY INCLUDING, AND WITHOUT LIMITATION, THE NEED TO CHECK, CONFIRM AND COORDINATE ALL DIMENSIONS AND DETAILS, TAKE FIELD MEASUREMENTS, VERIFY FIELD CONDITIONS AND COORDINATE WORK WITH THAT OF OTHER CONTRACTORS FOR THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND OTHER RELATED ITEMS PRIOR TO THE START OF CONSTRUCTION OF THIS PROJECT.

3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTOR TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.

4. IMPROVEMENTS OCCUR ON AN EXISTING SITE. OWNER TO PROVIDE ALL NECESSARY ADDITIONAL DRAWINGS AND INFORMATION TO CONTRACTOR FOR REFERENCE. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE EXISTING. THE LOCATIONS HAVE NOT BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY AND COMPLETENESS OF THE INFORMATION SHOWN. THE EXACT LOCATION AND ELEVATION OF UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR.

5. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE WORK INDICATED ON THE LANDSCAPE DRAWINGS IN ACCORDANCE WITH THE OHIO BUILDING CODE.

6. REPORT DISCREPANCIES IN DRAWINGS OR SPECIFICATIONS TO THE LANDSCAPE ARCHITECT FOR CLARIFICATIONS AND ADJUSTMENTS BEFORE COMMENCING WORK. ANY DEVIATIONS OR CHANGES IN THESE DRAWINGS WITHOUT WRITTEN ACCEPTANCE OF THE LANDSCAPE ARCHITECT SHALL ABSOLVE THE LANDSCAPE ARCHITECT OF ANY AND ALL RESPONSIBILITY OF SAID DEVIATION AND CHANGE.

7. IF LIVE UTILITIES ARE ENCOUNTERED, NOT INDICATED PREVIOUSLY, PROTECT THE SAME FROM DAMAGE AND IMMEDIATELY NOTIFY THE OWNER AND THE AFFECTED UTILITY PROVIDER. DO NOT PROCEED UNTIL FURTHER INSTRUCTIONS ARE RECEIVED.

8. BACKFILL UTILITY LINES EXPOSED BY WORK OPERATIONS AND REPAIR BEDDING AND BACKFILL MATERIAL OF UTILITIES THAT IS DISPLACED AND DAMAGED DURING WORK. REPLACE CONTAMINATED MATERIALS WITH NEW MATERIALS MATCHING THE EXISTING MATERIALS.

9. DIMENSIONS INDICATED ON PLANS ARE FOR HORIZONTAL CONTROL ARE ACCURATE IF MEASURED ON A LEVEL LINE. MEASURE HORIZONTAL CONTROL DIMENSIONS ON A LEVEL LINE, NOT PARALLEL WITH GROUND SLOPE.

10. REFER TO ELECTRICAL DRAWINGS FOR SITE LIGHTING CIRCUITRY, AND REFER TO THE SPECIFICATIONS FOR THE LIGHT FIXTURE SCHEDULE.

11. PROTECT EXISTING STRUCTURES AND ELEMENTS TO REMAIN INCLUDING BUT NOT LIMITED TO: UTILITIES, PAVEMENT, FENCES, COLUMNS, ETC.

12. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.

13. OBTAIN ALL NECESSARY PERMITS PRIOR TO DEMOLITION.

14. REMOVE ALL DEBRIS ASSOCIATED WITH THIS DEMOLITION. IN NO INSTANCE SHALL MATERIAL BE BURIED ON THE SITE. DISPOSE ALL ITEMS REMOVED OFF-SITE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES.

15. RESTORE ADJACENT PROPERTIES OR STRUCTURES THAT MAY BECOME DAMAGED AS A RESULT OF DEMOLITION CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE PROJECT.

16. PROTECT ALL EXISTING SITE FEATURES TO REMAIN. REPAIR ANY DAMAGES TO THE SATISFACTION OF THE PROPERTY OWNER AT NO ADDITIONAL COST TO THE PROJECT.

17. IF A UTILITY SHUT-DOWN IS REQUIRED, NOTIFY THE UTILITY OWNER AND ALL AFFECTED PARTIES IN WRITING 2 WEEKS PRIOR TO BEGINNING WORK. OBTAIN APPROVAL FROM UTILITY OWNER PRIOR TO SHUT-DOWN.

18. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION FENCING, CONSTRUCTION TRAFFIC AND MAINTENANCE OF VEHICULAR AND PEDESTRIAN TRAFFIC AROUND THE PROJECT SITE. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE LIGHTS, SIGNS, BARRICADES, AND OTHER DEVICES TO WARN AND PHYSICALLY SEPARATE THE PEDESTRIANS AND VEHICULAR TRAFFIC FROM THE HAZARDS OF THE CONSTRUCTION AND DEMOLITION OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND SAFE MOVEMENT OF PEDESTRIANS THROUGH, AROUND, OR DETOURED AWAY FROM THE CONSTRUCTION SITE. THE CONTRACTOR SHALL PROTECT PEDESTRIAN AND VEHICULAR TRAFFIC FROM CONSTRUCTION TRAFFIC AT ALL TIMES DURING THE PROJECT.

19. SET STRAIGHT LINE GRADES BETWEEN ELEVATIONS UNLESS OTHERWISE SHOWN.

20. COORDINATE PENETRATIONS REQUIRED FOR IRRIGATION AND SUBDRAINAGE AND ELECTRICAL WORK WITH CONCRETE WORK.

21. REFER TO CIVIL DRAWINGS FOR SANITARY SEWER LINES AND STORM DRAIN LINES AND OTHER UTILITY LINES.

## DRAWING ABBREVIATIONS

| | | | | | |
|---|---|---|---|---|---|
| @ | AT | EX | EXISTING | RIM | RIM ELEVATION |
| AD | AREA DRAIN | FFE | FINISHED FLOOR ELEVATION | ROW | RIGHT OF WAY |
| AG | AGGREGATE PAVING | FG | FINISH GRADE | S | SLOPE |
| AM | AGGREGATE MULCH | FH | FIRE HYDRANT | SA | STABILIZED AGGREGATE PAVING |
| AP | ASPHALT PAVEMENT | FL | FLOW LINE | SAD | SEE ARCHITECTURAL DRAWINGS |
| B&B | BALL AND BURLAP | FOC | FACE OF CURB | SCD | SEE CIVIL DRAWINGS |
| BC | BOTTOM OF CURB | FOW | FACE OF WALL | SD | SLOT DRAIN |
| BD | BOLLARD | FS | FINISH SURFACE | SED | SEE ELECTRICAL DRAWINGS |
| BE | BUILDING ENTRY | GALV | GALVANIZED | SH | STEEL HEADER |
| BF | BOTTOM OF FENCE | GB | GRADE BREAK | SIM | SIMILAR |
| BLDG | BUILDING | HH | HANDHOLE | SJ | SCORE JOINT |
| BOC | BACK OF CURB | HORIZ | HORIZONTAL | SPD | SEE PLUMBING DRAWINGS |
| BN | BENCH | HP | HIGH POINT | SS | STAINLESS STEEL |
| BP | BRICK PAVEMENT | HT | HEIGHT | SSD | SEE STRUCTURAL DRAWINGS |
| BW | BOTTOM OF WALL | ID | INSIDE DIAMETER | STD | STANDARD |
| CAL | CALIPER | IE | INVERT ELEVATION | TB | TOP OF BOLLARD |
| CB | CATCH BASIN | INV | INVERTED | T&B | TOP AND BOTTOM |
| CC | CONCRETE CURB | LONGIT | LONGITUDINAL | TC | TOP OF CURB |
| CH | CONCRETE HEADER | LOW | LIMIT OF WORK | TD | TRENCH DRAIN |
| CJ | CONTROL JOINT | LP | LOW POINT | TF | TOP OF FENCE |
| CL | CENTERLINE | LT | LIGHT POLE | TFG | TOP OF FOOTING |
| CLR | CLEARANCE | M | MANHOLE | TH | TOP OF HEADER |
| CO | CLEANOUT | MAX | MAXIMUM | TRP | TRASH RECEPTACLE |
| COL | COLUMN | ME | MATCH EXISTING | TOC | TOP OF CONCRETE |
| COJ | CONSTRUCTION JOINT | MFR | MANUFACTURER | TP | TOP OF PLINTH |
| CONC | CONCRETE | MIN | MINIMUM | TR | TREE |
| CONT | CONTINUOUS | NIC | NOT IN CONTRACT | TS | TOP OF STAIR |
| CP | CONCRETE PAVEMENT | NTS | NOT TO SCALE | TW | TOP OF WALL |
| CR | CURB RAMP | OCEW | ON CENTER EACH WAY | TRANS | TRANSVERSE |
| DIA | DIAMETER | OD | OUTSIDE DIAMETER | TRB | TOP OF ROOT BALL |
| DN | DOWN | OPP | OPPOSITE | TS | TOP OF STEP |
| DWG | DRAWING | PA | PLANTING AREA | TSP | TOP OF STEEL PLATE |
| EA | EACH | PED | PEDESTRIAN | TYP | TYPICAL |
| EF | EACH FACE | PERF | PERFORATED | VEH | VEHICULAR |
| EJ | EXPANSION JOINT | POB | POINT OF BEGINNING | VERT | VERTICAL |
| EL | ELEVATION | POC | POINT OF CONNECTION | WPM | WATER PROOF MEMBRANE |
| EP | EDGE OF PAVEMENT | PT | POINT OF TANGENCY | WWF | WELDED WIRE FABRIC |
| EQ | EQUAL | R | RADIUS | W/ | WITH |
| EW | EACH WAY | RB | ROOT BARRIER | | |

## GENERAL ABBREVIATIONS

PROPERTY LINE

LIMIT OF WORK LINE

MATCHLINE

CENTERLINE

SECTION
SECTION NUMBER
SHEET NUMBER

REFERENCE TO DETAIL THAT APPLIES WHEN IMAGE IS TYPICAL

REFERENCE TO DETAIL THAT APPLIES WHEN IMAGE IS SIMILAR TO THE DETAIL

REFERENCE TO DETAIL THAT APPLIES WHEN IMAGE IS SWITCHED FROM LEFT TO RIGHT

ENLARGED PLAN AREA

ELEVATION

ALIGN

SLOPE RATIO

BREAKLINE

DIMENSION

## PROJECT LOCATION

| LANDSCAPE SHEET INDEX | |
|---|---|
| Sheet Number | Sheet Name |
| L001 | LANDSCAPE DRAWING INDEX |
| L002 | LANDSCAPE OVERALL SITE PLAN |
| L003 | LANDSCAPE ZONING EXHIBITS |
| L100 | LANDSCAPE MATERIALS PLAN - OVERALL |
| L101 | LANDSCAPE MATERIALS PLAN - CENTRAL GREEN ENLARGEMENT |
| L150 | LANDSCAPE PLANTING PLAN - OVERALL |
| L151 | LANDSCAPE PLANTING PLAN - CENTRAL GREEN ENLARGEMENT |
| L160 | LANDSCAPE SOILS PLAN - OVERALL |
| L161 | LANDSCAPE SOILS PLAN - CENTRAL GREEN ENLARGEMENT |
| L170 | LANDSCAPE IRRIGATION PLAN - OVERALL |
| L171 | LANDSCAPE IRRIGATION PLAN - CENTRAL GREEN ENLARGEMENT |
| L900 | LANDSCAPE AXOS |


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# New Albany Close To Home

Nationwide Children's Hospital

Ganton Parkway, New Albany, OH

Final Development Plan
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REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

LANDSCAPE DRAWING INDEX

L001


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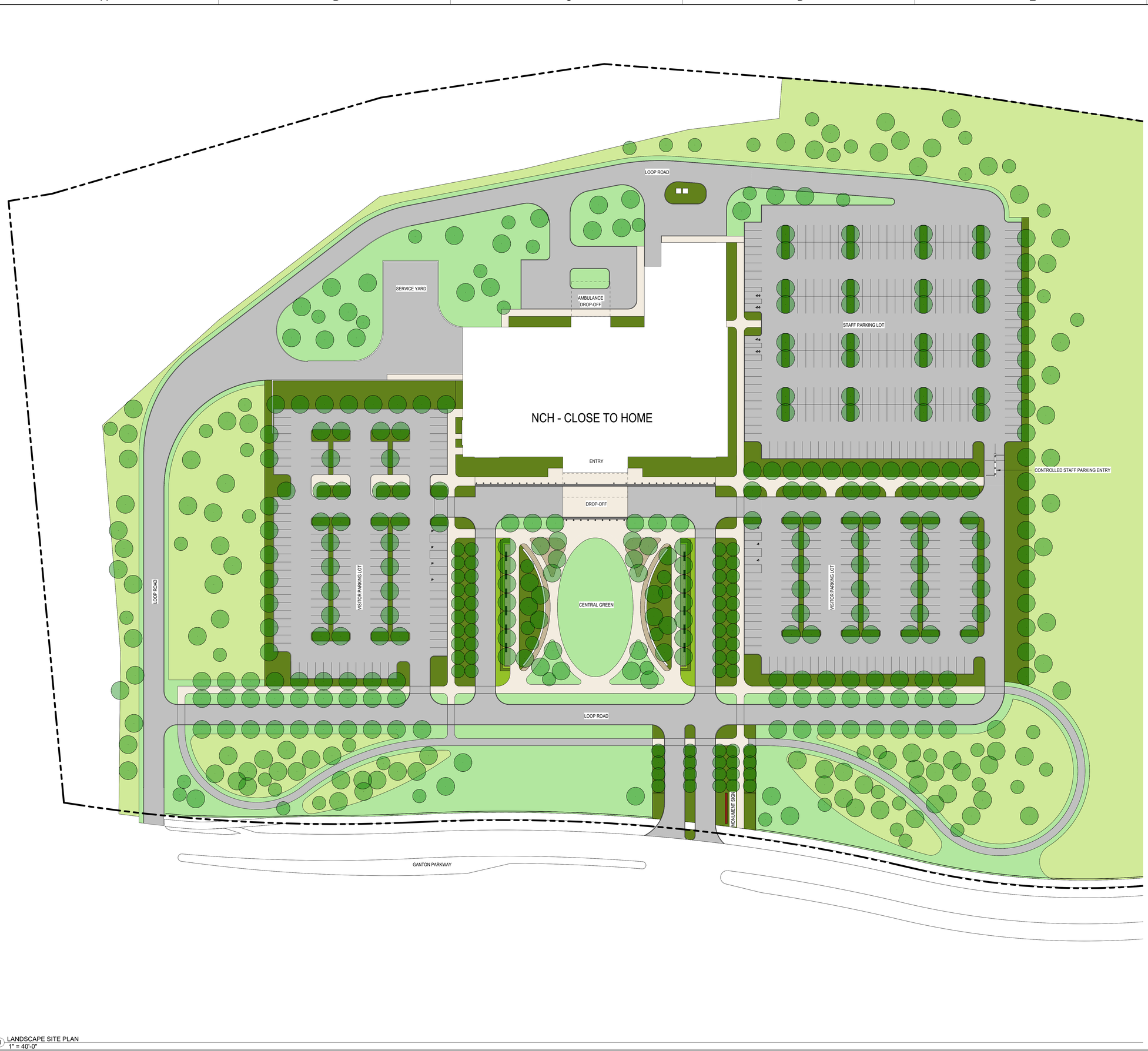


PROPERTY LINE

LIMIT OF WORK LINE

EXISTING CONTOUR

1 LANDSCAPE SITE PLAN
1" = 40'-0"

SCALE: 1" = 40'-0"

0' 20' 40' 80'


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LANDSCAPE OVERALL SITE PLAN

L002

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1 LANDSCAPE OPEN SPACE ANALYSIS
1" = 80'-0"

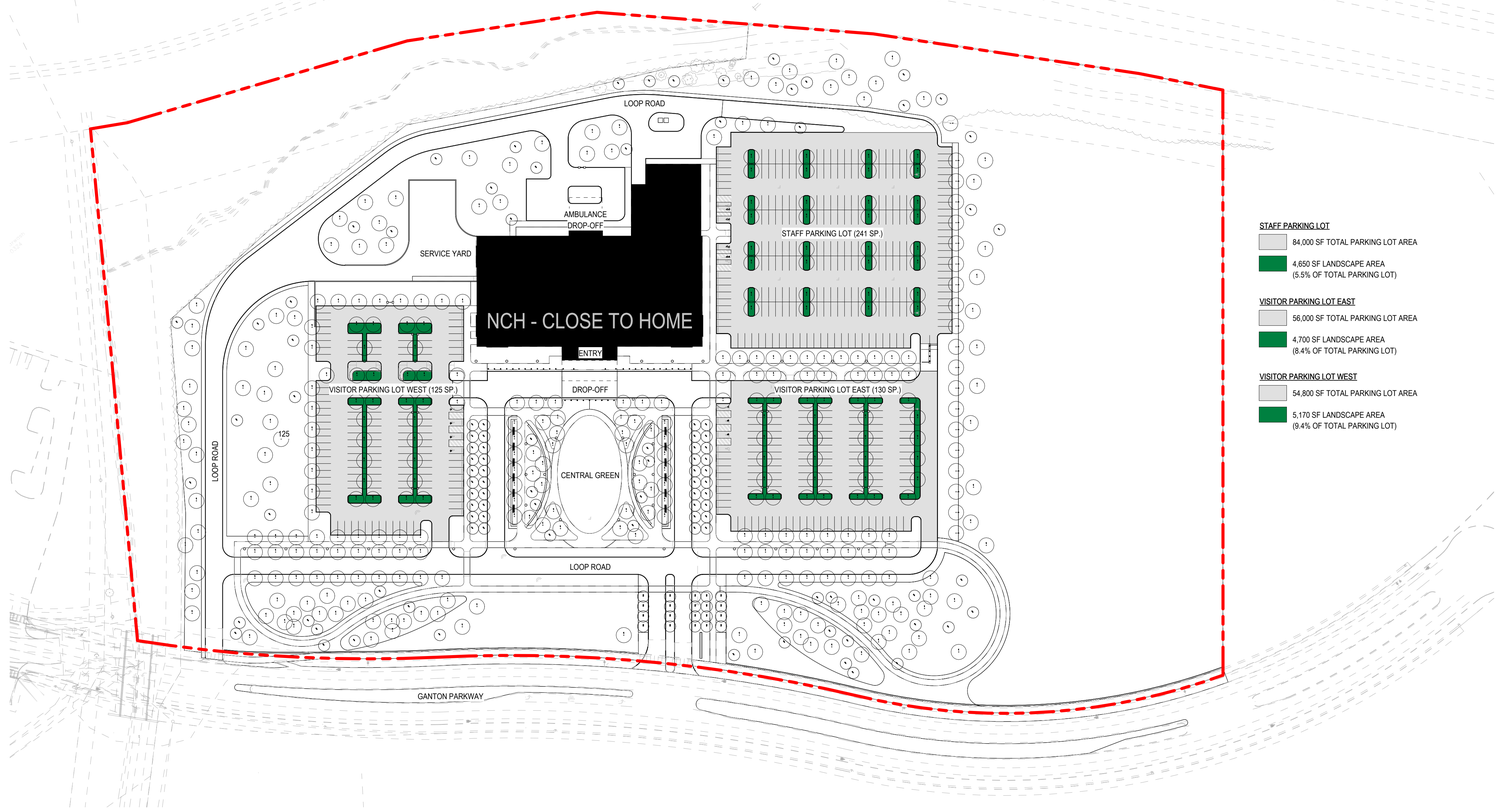
PARKLAND AND OPEN SPACE CALCULATION

5.63 ACRES SETBACK AREA

3.31 ACRES PRIVATELY OWNED OPEN SPACE

8.94 ACERS TOTAL

Note: NCH owns two properties as depicted on the survey that was submitted. The parcel to the north of the development , as owned by NCH, was not combined with the developed parcel. This is due to the environmental covenant and prior agreements on this parcel as coordinated with City staff. This non-developed parcel will be retained as green space.




2 LANDSCAPE PERCENTAGE

STAFF PARKING LOT

84,000 SF TOTAL PARKING LOT AREA

4,650 SF LANDSCAPE AREA
(5.5% OF TOTAL PARKING LOT)

VISITOR PARKING LOT EAST

56,000 SF TOTAL PARKING LOT AREA

4,700 SF LANDSCAPE AREA
(8.4% OF TOTAL PARKING LOT)

VISITOR PARKING LOT WEST

54,800 SF TOTAL PARKING LOT AREA

5,170 SF LANDSCAPE AREA
(9.4% OF TOTAL PARKING LOT)

Parking Spaces Provided

| | | | |
|---|---|---|---|
| Patient Care | Levels 1-3 | 127,500sf x 1.0 spaces/285sf | 447 spaces |
| Building Support | Lower Level | 42,500 sf x 1.0 spaces/1000sf | 43 spaces |
| Central Utility Plant | 6 maintenance staff | | 6 spaces |
| | | Total | 496 spaces |

Due to facility use not aligning with existing New Albany zoning code 1167.05 language of "hospital/nursing facility" and the significant amount of unoccupied shell space with indefinite future use, parking space quantities have been determined based on a square footage area calculation. City of Columbus zoning code 3312, Table 3 requirements have been used to determine parking volumes at a minimum of 1:300sf and maximum of 1:200sf for medical offices. Accessible parking spaces have been provided at a rate of 2.4% of total provided parking. Refer to Parking MOU for further detail City of Columbus.

SCALE: 1" = 100'-0"

0' 50' 100' 200'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LANDSCAPE ZONING EXHIBITS

L003

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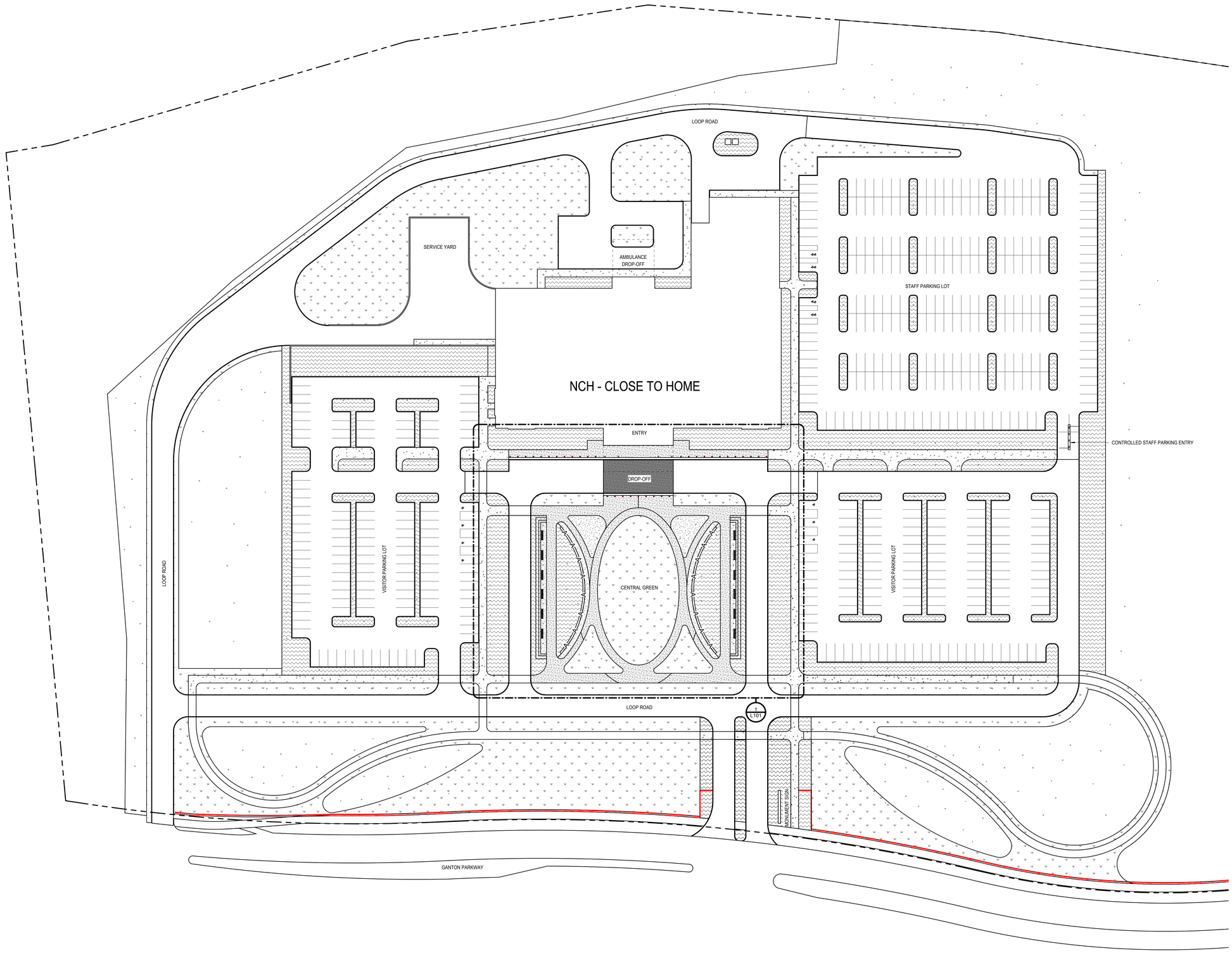


1 LANDSCAPE MATERIALS PLAN
1" = 40'-0"

**MULCH**
- FINELY SHREDDED HARDWOOD MULCH
- DEPTH: 2" DEEP
- COLOR: NATURAL

**LAWN**
- TALL FESCUE BLEND

PED

**CONCRETE PAVING - TYPE 1**
- PEDESTRIAN
- LIGHT BROOM FINISH
- SAW CUT, DECORATIVE AND SEALED JOINTS
- MATTE FINISH SEALER

PED VEH

**CONCRETE PAVING - TYPE 2**
- PEDESTRIAN & VEHICULAR AREAS
- EXPOSED AGGREGATE FINISH
- SAW CUT, DECORATIVE AND SEALED EXPANSION JOINTS
- MATTE FINISH SEALER

**STABILIZED AGGREGATE PAVING**
- MFR: KAFKA GRANITE (WWW.KAFKAGRANITE.COM
- AGGREGATE WITH STABILIZER
- COLOR/MATERIAL: SELECTED FROM MFR FULL RANGE

**DETECTABLE WARNING PLATES**
- MFR: ARMOR TILE (WWW.ARMORITLE.COM)
- SERIES: CAST IN PLACE (24" X 48")
- COLOR: ONYX BLACK

**BOLLARDS**
- MFR: FORMS AND SURFACES (WWW.FORMS-SURFACES.COM)
- PRODUCT: HELIO, SERIES 600, ILLUMINATED
- FINISH: SS SATIN
- MOUNTING: EMBEDDED DEEP SET S10-P1 SECURITY CORE

**ASPHALT WALKWAY**
- TO MATCH NEW ALBANY LEISURE PATH STANDARDS

A A A A

**WALL - TYPE A**
- MFR: WAUSAU TILE (WWW.WAUSAUTILE.COM)
- PRECAST SEATWALLS (18" HT ABOVE GRADE + 6" BELOW GRADE X PER PLAN)
- FINISH: WEATHERSTONE
- COLOR: FROM MFR FULL RANGE

**NEW ALBANY HORSE FENCE**
- TO MATCH NEW ALBANY STANDARDS

DOUBLE FIXTURE + (1) SINGLE FIXTURE

**LIGHT - PARKING LOT**
- REFER TO ELECTRICAL DRAWINGS

**LIGHT - PEDESTRIAN**
- REFER TO ELECTRICAL DRAWINGS

**NOTES:**

- REFER TO GRAPHIC NARRATIVE FOR SITE FURNISHINGS (TYPES, LOCATIONS, QUANTITIES).

- PRIMARY LIGHT SCULPTURE GATEWAYS NOT SHOWN, PROVIDE ALLOWANCE IN PRICING.

- TREE UPLIGHTING NOT SHOWN, PROVIDE ALLOWANCE TO UPLIGHT 40 TREES WITH (2) LIGHTS PER TREE.

SCALE: 1" = 40'-0"
0' 20' 40' 80'


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LANDSCAPE MATERIALS PLAN - OVERALL

L100

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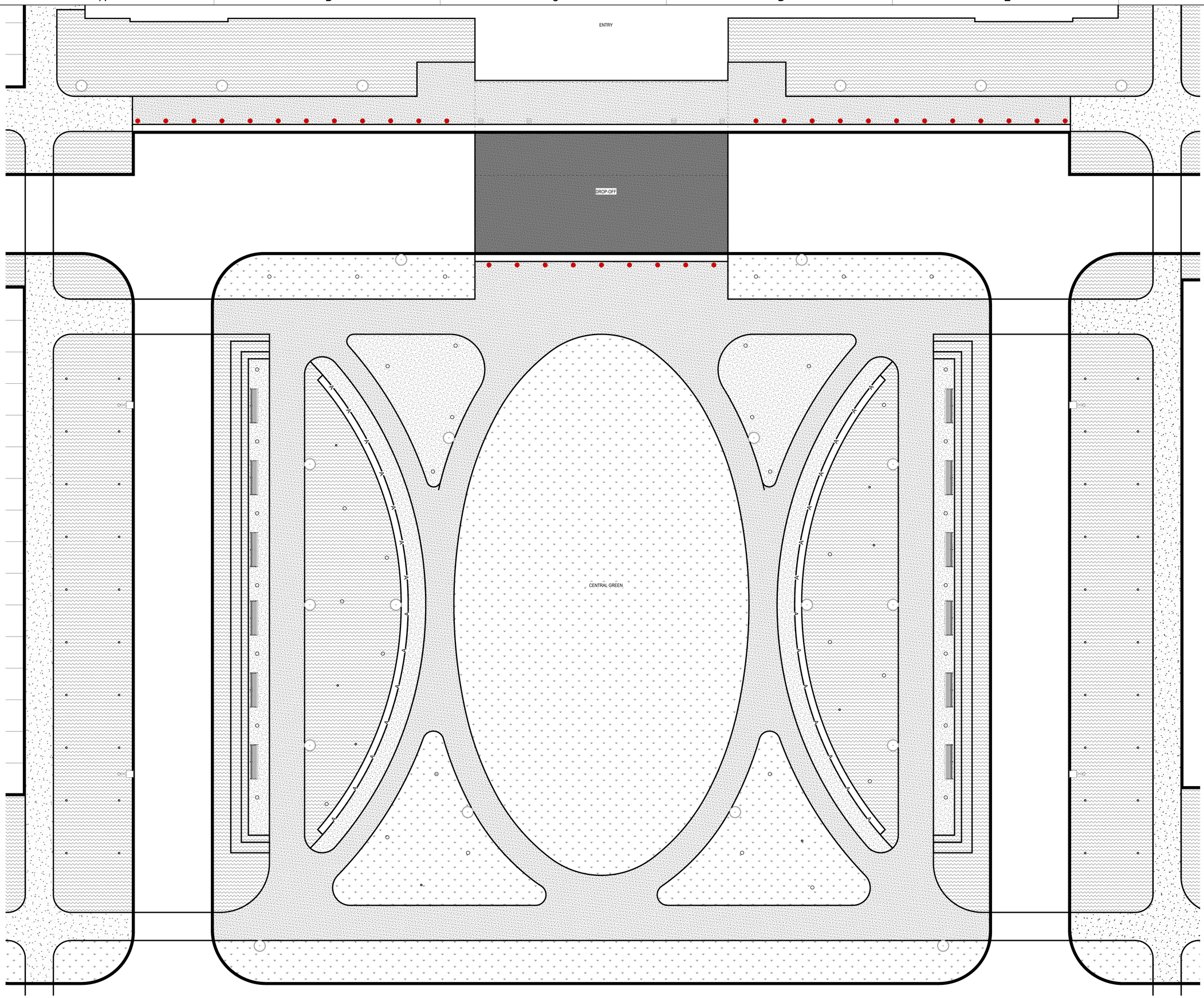


1 LANDSCAPE MATERIALS PLAN - CENTRAL GREEN

SCALE: 1" = 10'-0"

0' 5' 10' 20'

**MULCH**
- FINELY SHREDDED HARDWOOD MULCH
- DEPTH: 2" DEEP
- COLOR: NATURAL

**LAWN**
- TALL FESCUE BLEND

PED

**CONCRETE PAVING - TYPE 1**
- PEDESTRIAN & VEHICLUAR AREAS
- LIGHT BROOM FINISH
- SAW CUT, DECORATIVE AND SEALED JOINTS
- MATTE FINISH SEALER

PED VEH

**CONCRETE PAVING - TYPE 2**
- PEDESTRIAN & VEHICULAR AREAS
- EXPOSED AGGREGATE FINISH
- SAW CUT, DECORATIVE AND SEALED EXPANSION JOINTS
- MATTE FINISH SEALER

**STABILIZED AGGREGATE PAVING**
- MFR: KAFKA GRANITE (WWW.KAFKAGRANITE.COM
- AGGREGATE WITH STABILIZER
- COLOR/MATERIAL: SELECTED FROM MFR FULL RANGE

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- TO MATCH NEW ALBANY LEISURE PATH STANDARDS

A A A A

**WALL - TYPE A**
- MFR: WAUSAU TILE (WWW.WAUSAUTILE.COM)
- PRECAST SEATWALLS (18" HT ABOVE GRADE + 6" BELOW GRADE X PER PLAN)
- FINISH: WEATHERSTONE
- COLOR: FROM MFR FULL RANGE

B B B B

**WALL - TYPE B**
- MFR: WAUSAU TILE (WWW.WAUSAUTILE.COM)
- RETAINING PRECAST WALLS (18" HT ABOVE GRADE + 6" BELOW GRADE X PER PLAN)
- FINISH: WEATHERSTONE
- COLOR: FROM MFR FULL RANGE

SINGLE FIXTURE

**LIGHT - PARKING LOT**
- REFER TO ELECTRICAL DRAWINGS

**LIGHT - PEDESTRIAN**
- REFER TO ELECTRICAL DRAWINGS

**NOTES:**

- REFER TO GRAPHIC NARRATIVE FOR SITE FURNISHINGS (TYPES, LOCATIONS, QUANTITIES).

- PRIMARY LIGHT SCULPTURE GATEWAYS NOT SHOWN, PROVIDE ALLOWANCE IN PRICING.

- TREE UPLIGHTING NOT SHOWN, PROVIDE ALLOWANCE TO UPLIGHT 40 TREES WITH (2) LIGHTS PER TREE.

**CLIENT:**
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# New Albany Close To Home

Nationwide Children's Hospital

Ganton Parkway, New Albany, OH

Final Development Plan

July 11, 2025

REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

LANDSCAPE MATERIALS PLAN - CENTRAL GREEN ENLARGEMENT

L101

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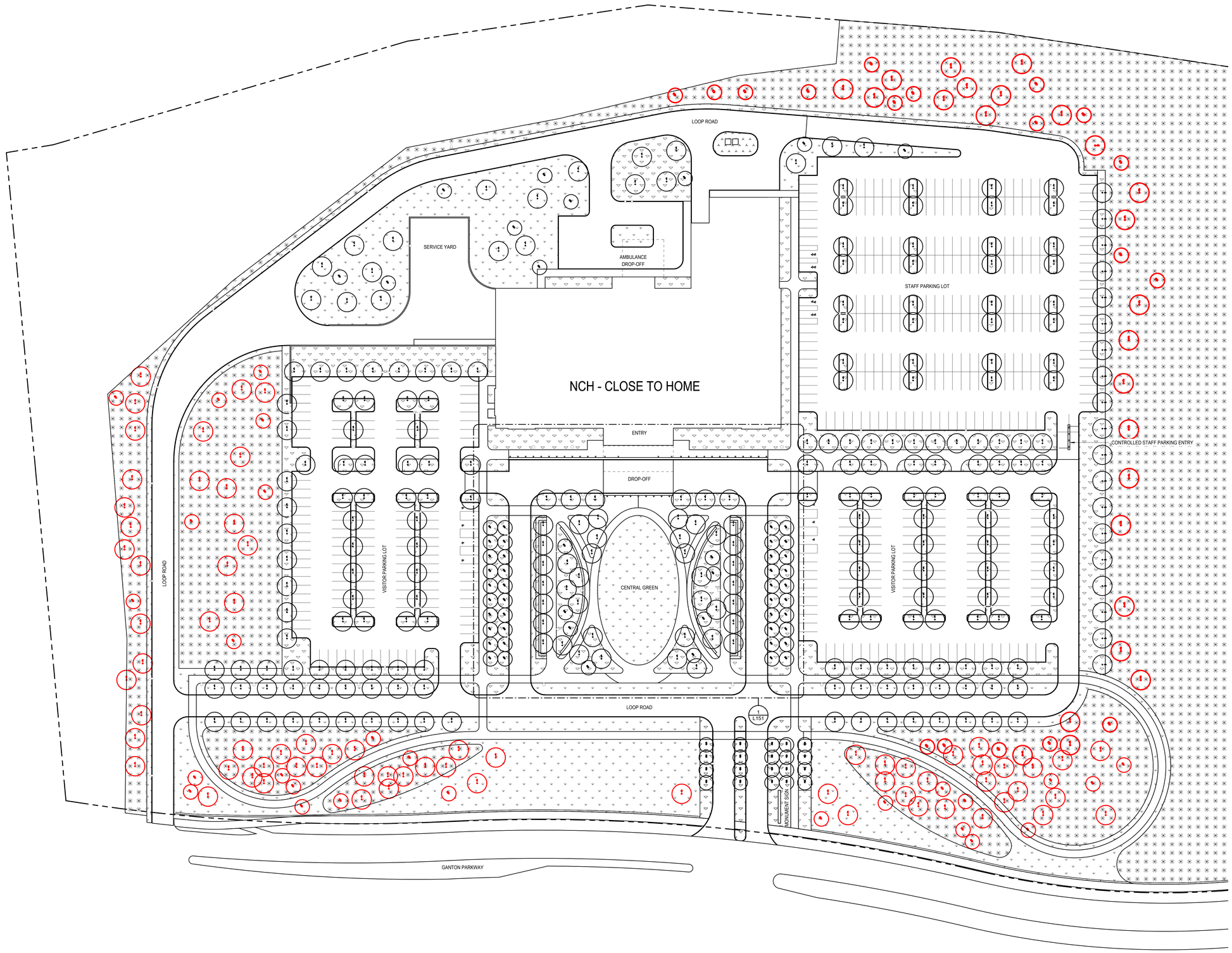


1 LANDSCAPE PLANTING PLAN
1" = 40'-0"

SCALE: 1" = 40'-0"

0' 20' 40' 80'

DECIDUOUS TREE TYPE 1
- LATIN NAME
- COMMON NAME
- SIZE: 3" CALIPER
- CONDITION: B+B
- MATCHED SPECIMEN
- TAGGED BY LANDSCAPE ARCHITECT

DECIDUOUS TREE TYPE 2
- LATIN NAME
- COMMON NAME
- SIZE: 4" CALIPER
- CONDITION: B+B
- TAGGED BY LANDSCAPE ARCHITECT

LAWN
- TALL FESCUE MIX

MEADOW - SEED MIX
- LOW SEDGE MIX
- MFR: OHIO PRIARIE NURSERY
- INSTALL PER MANUF. SPECIFICATIONS

SHRUB / GROUNDCOVER MIX
- 60% SHRUB / 40 % GROUNDCOVER
- SHRUB SIZE: 5 GALLON @ 30" OC
- GROUNDCOVER SIZE: 1 GALLON @ 15" OC

UTILITY / MECHANICAL SCREENING
- EVERSREEN COLUMNAR HEDGE
- SHRUB SIZE: 8' HT @ 36" OC


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Ganton Parkway, New Albany, OH

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LANDSCAPE PLANTING PLAN - OVERALL

L150

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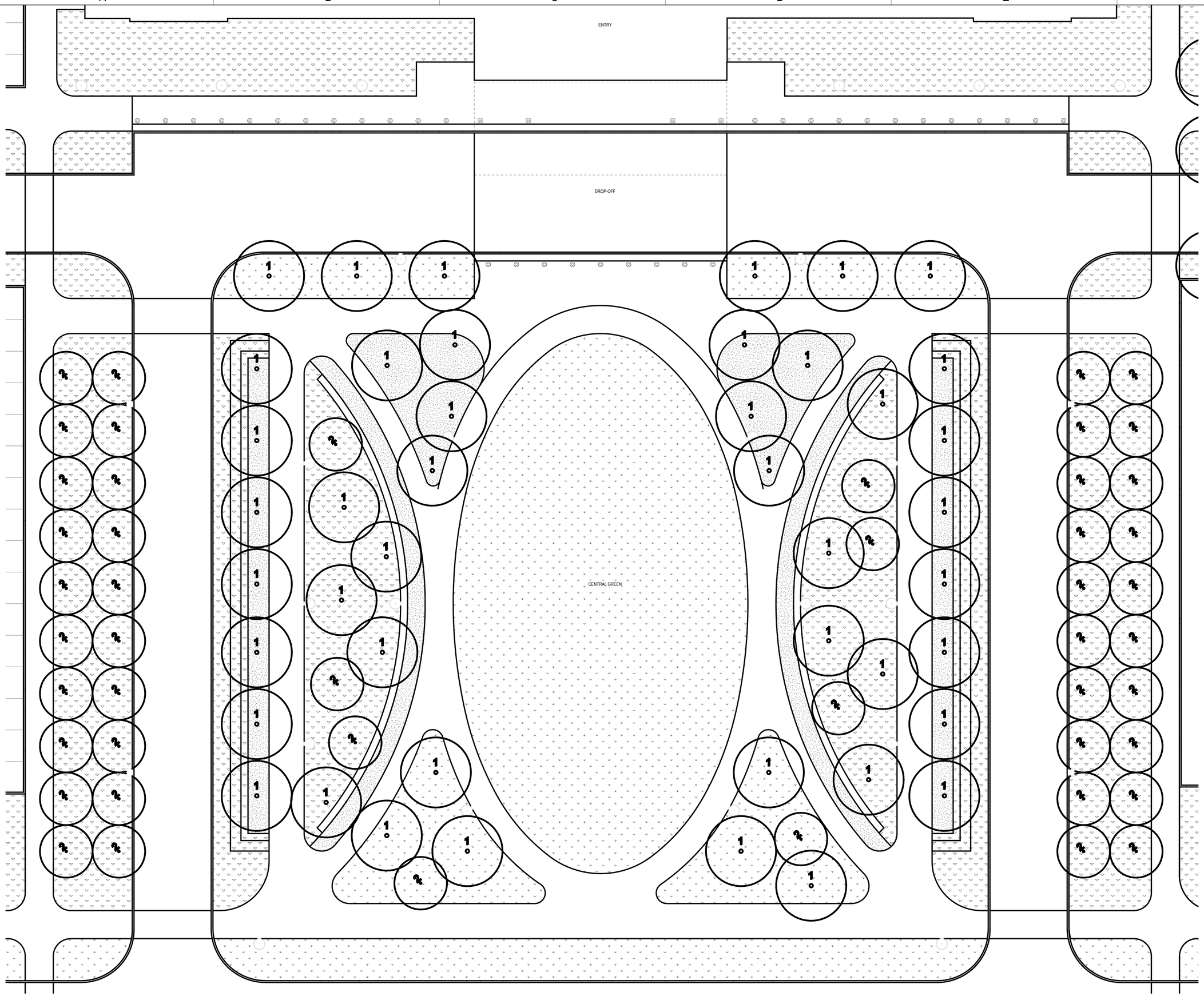


1 LANDSCAPE PLANTING PLAN - CENTRAL GREEN
1" = 10'-0"

SCALE: 1" = 10'-0"
0' 5' 10' 20'

**DECIDUOUS TREE TYPE 1**
- LATIN NAME
- COMMON NAME
- SIZE: 3" CALIPER
- CONDITION: B+B
- MATCHED SPECIMEN
- TAGGED BY LANDSCAPE ARCHITECT

**DECIDUOUS TREE TYPE 2**
- LATIN NAME
- COMMON NAME
- SIZE: 4" CALIPER
- CONDITION: B+B
- TAGGED BY LANDSCAPE ARCHITECT

**LAWN**
- TALL FESCUE MIX

**MEADOW - SEED MIX**
- LOW SEDGE MIX
- MFR: OHIO PRIARIE NURSERY
- INSTALL PER MANUF. SPECIFICATIONS

**SHRUB / GROUNDCOVER MIX**
- 60% SHRUB / 40 % GROUNDCOVER
- SHRUB SIZE: 5 GALLON @ 30" OC
- GROUNDCOVER SIZE: 1 GALLON @ 15" OC

**UTILITY / MECHANICAL SCREENING**
- EVERGREEN COLUMNAR HEDGE
- SHRUB SIZE: 8' HT @ 36" OC

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Ganton Parkway, New Albany, OH

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LANDSCAPE PLANTING PLAN - CENTRAL GREEN ENLARGEMENT

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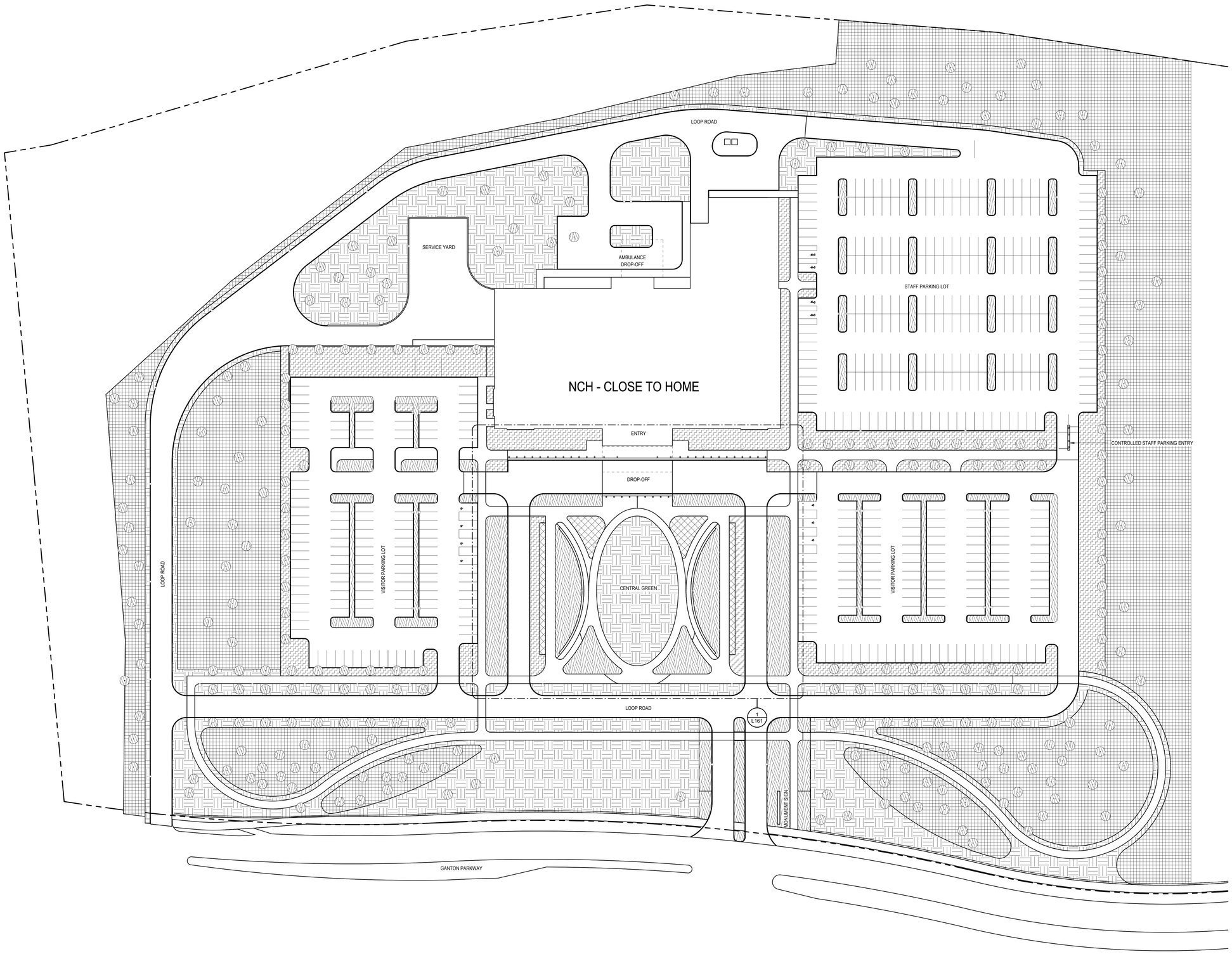


1 LANDSCAPE SOILS PLAN
1" = 40'-0"

SCALE: 1" = 40'-0"
0' 20' 40' 80'

TOPSOIL - *LAWN AREAS*
- 6" DEPTH PLANTING MIX
  -(SANDY LOAM TOPSOIL & COMPOST)
- 1'-0" RIPPED SUBGRADE SOIL
- IMPORTED TOPSOIL MFR: TBD
- SOIL TEST BY: TBD

TOPSOIL - *MEADOW AREAS*
- 12" DEPTH PLANTING MIX
  -(SANDY LOAM TOPSOIL & COMPOST)
- 1'-0" RIPPED SUBGRADE SOIL
- IMPORTED TOPSOIL MFR: TBD
- SOIL TEST BY: TBD

TOPSOIL - *SHRUB / GROUNDCOVER AREAS*
- 2'-0" DEPTH PLANTING MIX
  - 1'-0" PLANTING MIX (SANDY LOAM TOPSOIL & COMPOST)
  - 1'-0" BASE MIX (SANDY LOAM TOPSOIL ONLY)
- 1'-0" RIPPED SUBGRADE SOIL
- IMPORTED TOPSOIL MFR: TBD
- SOIL TEST BY: TBD

TOPSOIL - *TREE PLANTING AREAS*
- 3'-0" DEPTH PLANTING MIX
  - 1'-0" PLANTING MIX (SANDY LOAM TOPSOIL & COMPOST)
  - 2'-0" BASE MIX (SANDY LOAM TOPSOIL ONLY)
- 1'-0" RIPPED SUBGRADE SOIL
- IMPORTED TOPSOIL MFR: TBD
- SOIL TEST BY: TBD

SAND BASED STRUCTURAL SOIL - *TREES IN STABILIZED AGGREGATE AREAS*
- 28" DEPTH PLANTING MIX
- IN 7" LIFTS
- IMPORTED TOPSOIL MFR: TBD
- SOIL TEST BY: TBD

NOTE:
- EXISTING ON SITE TOPSOIL MAY BE SALVAGED AND REUSED.
- SOIL TESTING AND PROPOSED AMENDMENTS REQUIRED TO REUSE EXISTING ON SITE TOPSOIL.


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# New Albany Close To Home

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Final Development Plan
July 11, 2025
REVISIONS

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LANDSCAPE SOILS PLAN - OVERALL

L160

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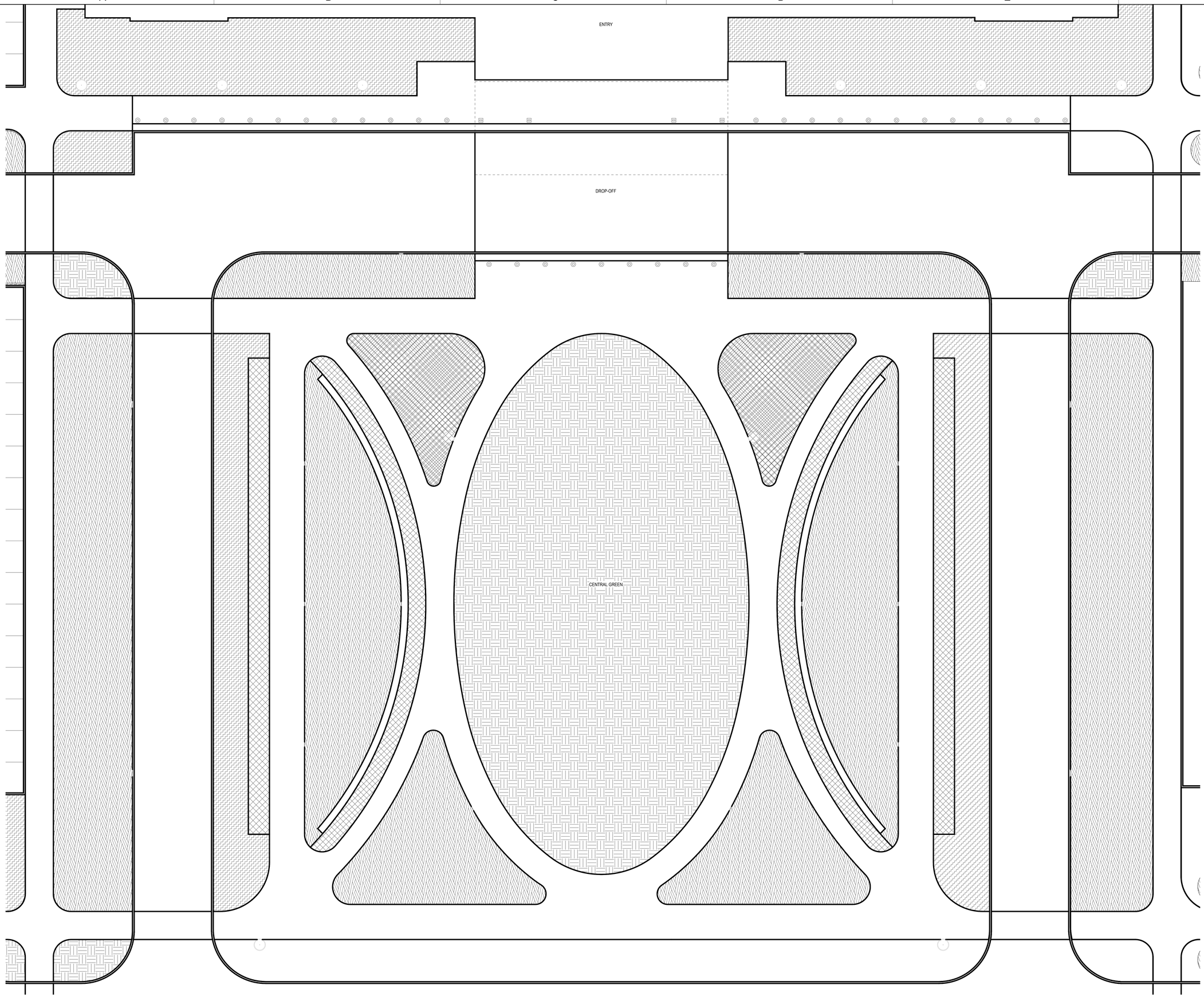


1 LANDSCAPE SOILS PLAN - CENTRAL GREEN
1" = 10'-0"

SCALE: 1" = 10'-0"
0' 5' 10' 20'

TOPSOIL - *LAWN AREAS*
- 6" DEPTH PLANTING MIX
-(SANDY LOAM TOPSOIL & COMPOST)
- 1'-0" RIPPED SUBGRADE SOIL
- IMPORTED TOPSOIL MFR: TBD
- SOIL TEST BY: TBD

TOPSOIL - *MEADOW AREAS*
- 12" DEPTH PLANTING MIX
-(SANDY LOAM TOPSOIL & COMPOST)
- 1'-0" RIPPED SUBGRADE SOIL
- IMPORTED TOPSOIL MFR: TBD
- SOIL TEST BY: TBD

TOPSOIL - *SHRUB / GROUNDCOVER AREAS*
- 2'-0" DEPTH PLANTING MIX
- 1'-0" PLANTING MIX (SANDY LOAM TOPSOIL & COMPOST;
- 1'-0" BASE MIX (SANDY LOAM TOPSOIL ONLY)
- 1'-0" RIPPED SUBGRADE SOIL
- IMPORTED TOPSOIL MFR: TBD
- SOIL TEST BY: TBD

TOPSOIL - *TREE PLANTING AREAS*
- 3'-0" DEPTH PLANTING MIX
- 1'-0" PLANTING MIX (SANDY LOAM TOPSOIL & COMPOST;
- 2'-0" BASE MIX (SANDY LOAM TOPSOIL ONLY)
- 1'-0" RIPPED SUBGRADE SOIL
- IMPORTED TOPSOIL MFR: TBD
- SOIL TEST BY: TBD

SAND BASED STRUCTURAL SOIL - *TREES IN STABILIZED AGGREGATE AREAS*
- 28" DEPTH PLANTING MIX
- IN 7" LIFTS
- IMPORTED TOPSOIL MFR: TBD
- SOIL TEST BY: TBD

NOTE:
- EXISTING ON SITE TOPSOIL MAY BE SALVAGED AND REUSED.
- SOIL TESTING AND PROPOSED AMENDMENTS REQUIRED TO REUSE EXISTING ON SITE TOPSOIL.

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# New Albany Close To Home

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A/E / NCH PROJ. NO.:
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LANDSCAPE SOILS PLAN - CENTRAL GREEN ENLARGEMENT

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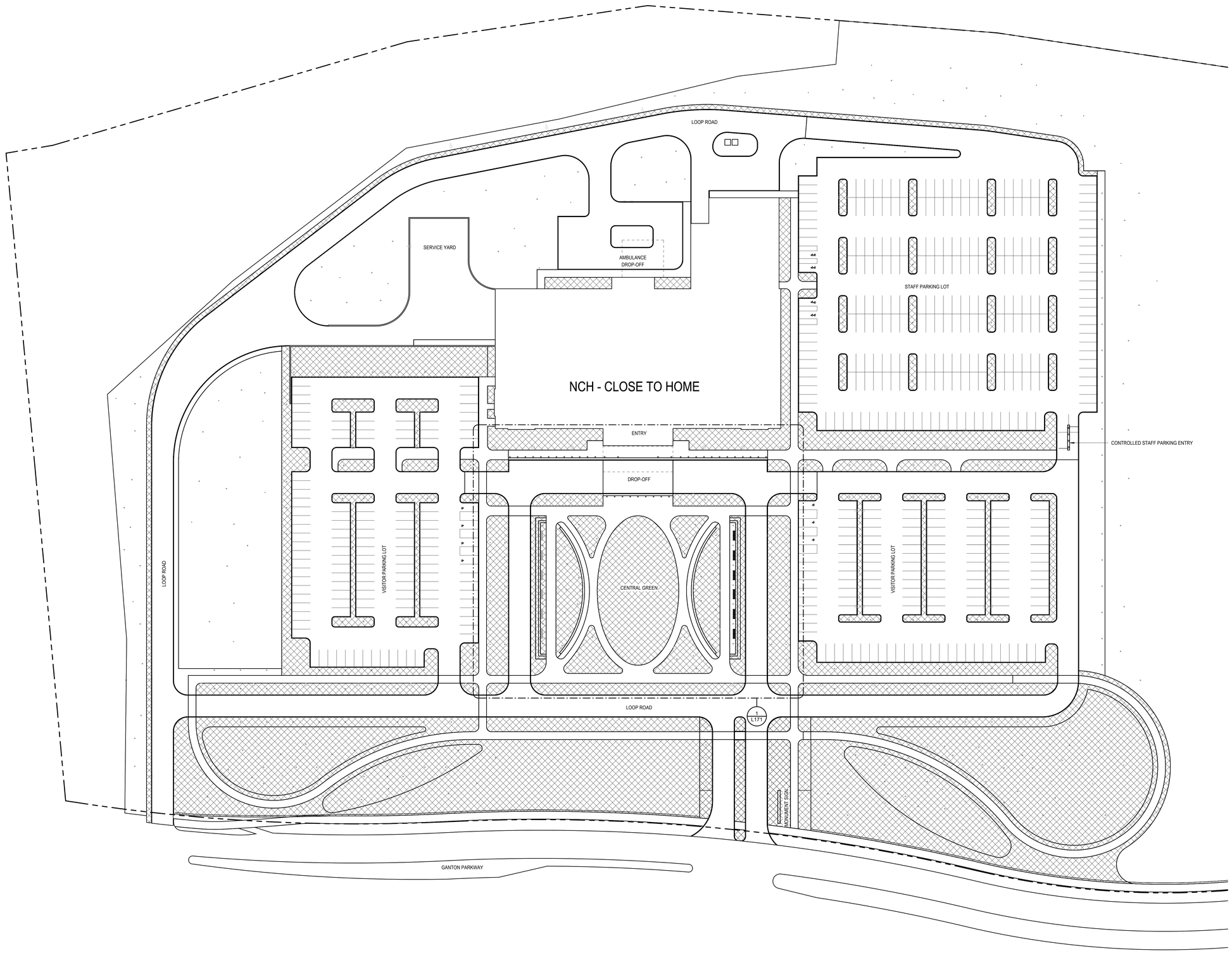


1 LANDSCAPE IRRIGATION PLAN
1" = 40'-0"

SCALE: 1" = 40'-0"

0' 20' 40' 80'

IRRIGATION ZONES
- PRESSURE REGULATED

1. SYSTEM REQUIREMENTS DESIGNED FOR MULTI-ZONE PAIRING. GPM AND PSI TO BE DETERMINED BY IRRIGATION CONTRACTOR. IRRIGATION CONTRACTOR IS RESPONSIBLE TO VERIFY ACTUAL CONDITIONS BEFORE STARTING INSTALLATION. IF FLOW AND/OR PRESSURE CONDITIONS CANNOT BE MET, FIELD ADJUSTMENT MAY BE NECESSARY.

2. ALL PIPE SHALL BE CLASS 200 PVC PIPE, UNLESS NOTED OTHERWISE.

3. ALL WIRING AS PER LOCAL CODE.

4. BACKFLOW PREVENTION AS PER LOCAL CODE. SEE PLUMBING PLANS, IF AVAILABLE.

5. THE IRRIGATION SYSTEM IS DIAGRAMMATIC; ADJUSTMENTS NECESSARY IN THE FIELD SHALL BE MADE BY THE CONTRACTOR.

6. ALL VALVES SHALL BE LOCATED IN VALVE BOXES FLUSH WITH GRADE.

7. THE IRRIGATION SYSTEM SHALL BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.

8. WINTERIZATION OF SYSTEM SHALL BE AS PER MANUFACTURER'S SPECIFICATIONS.

9. SLEEVING SHALL BE REQUIRED UNDER ALL WALKS AND ROADWAYS. SLEEVE SIZE SHALL BE TWICE (2X) THE SIZE OF PIPE BEING SLEEVED. (MINIMUM 3" UNLESS NOTED).

10. DRAWINGS AND DETAILS SUPPLIED SHOW NECESSARY MATERIALS, BUT CERTAIN OTHER MATERIALS MAY HAVE TO BE SUPPLIED AND INSTALLED BY THE IRRIGATION CONTRACTOR IN ORDER TO HAVE UPON COMPLETION A FULLY OPERATIONAL IRRIGATION SYSTEM.

11. THE IRRIGATION CONTRACTOR SHALL LOCATE ALL UTILITIES AS ARE COMMONLY ENCOUNTERED UNDERGROUND AND SHALL TAKE ROPER PRECAUTIONS NOT TO DAMAGE OR DISTURB SUCH IMPROVEMENTS. COORDINATE WITH THE GENERAL CONTRACTOR.

12. FULL AND COMPLETE COVERAGE IS REQUIRED. IRRIGATION CONTRACTOR SHALL MAKE ANY NECESSARY MINOR ADJUSTMENTS TO LAYOUT REQUIRED TO ACHIEVE FULL COVERAGE OF IRRIGATION AREAS, AT NO ADDITIONAL COST TO THE OWNER.

13. ELECTRICAL POWER WILL BE PROVIDED TO CONTROLLER LOCATION(S). COORDINATE WITH OWNER'S AUTHORIZED REPRESENTATIVE AS TO FINAL LOCATION OF CONTROLLER. COORDINATE ELECTRICAL CONNECTION WITH ELECTRICAL CONTRACTOR.

14. INSTALL RAIN SENSOR PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE ALL SENSOR LOCATIONS WITH OWNER'S AUTHORIZED REPRESENTATIVE.

15. 24 VAC WIRE SPLICING MATERIAL WILL BE DIRECT BURIAL SPLICE KIT AS MANUFACTURED BY 3M. SPLICE KITS MUST BE ON THE APPROVED RAIN BIRD LIST FOR DECODER CONTROLLERS.

16. MAINLINE DEPTH TO BE 18" MINIMUM. LATERAL LINE DEPTH TO BE MINIMUM 12" (SEE TRENCH DETAIL)

17. IRRIGATION CONTRACTOR RESPONSIBLE TO INSTALL LATERAL PIPING FROM DRIP AREA TO DRIP AREA, THE INSTALLATION OF FLUSH VALVES & AIR RELIEF VALVES WHERE NEEDED. DO NOT EXCEED MAXIMUM LATERAL DRIP LINE RUNS. SEE MANUFACTURER'S DATA FOR ADDITIONAL INFORMATION.

18. ALL IRRIGATION CONTROLLERS & DECODER SYSTEMS TO BE GROUNDED PER MANUFACTURER'S RECOMMENDATIONS.

19. IRRIGATION CONTRACTOR TO SELECT & INSTALL APPROPRIATE DECODERS WHERE REQUIRED.

20. LANDSCAPE CONTRACTOR TO PROVIDE IRRIGATION SHOP DRAWINGS SUBMITTAL TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

21. THE PRESSURE REQUIREMENT AT THE POINT OF CONNECTION SHOULD BE BASED ON +20 FEET OF ELEVATION CHANGE IN THE AREAS OF IRRIGATION.

22. ALL SPRINKLER HEADS SHALL BE INSTALLED PERPENDICULAR TO FINISH GRADES.

23. COORDINATE ALL PVC SLEEVING WITH PAVEMENT CONTRACTORS PRIOR TO PAVEMENT INSTALLATION.

24. QUICK COUPLERS LOCATED EVERY +/-100 LF.

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LANDSCAPE IRRIGATION PLAN - OVERALL

L170

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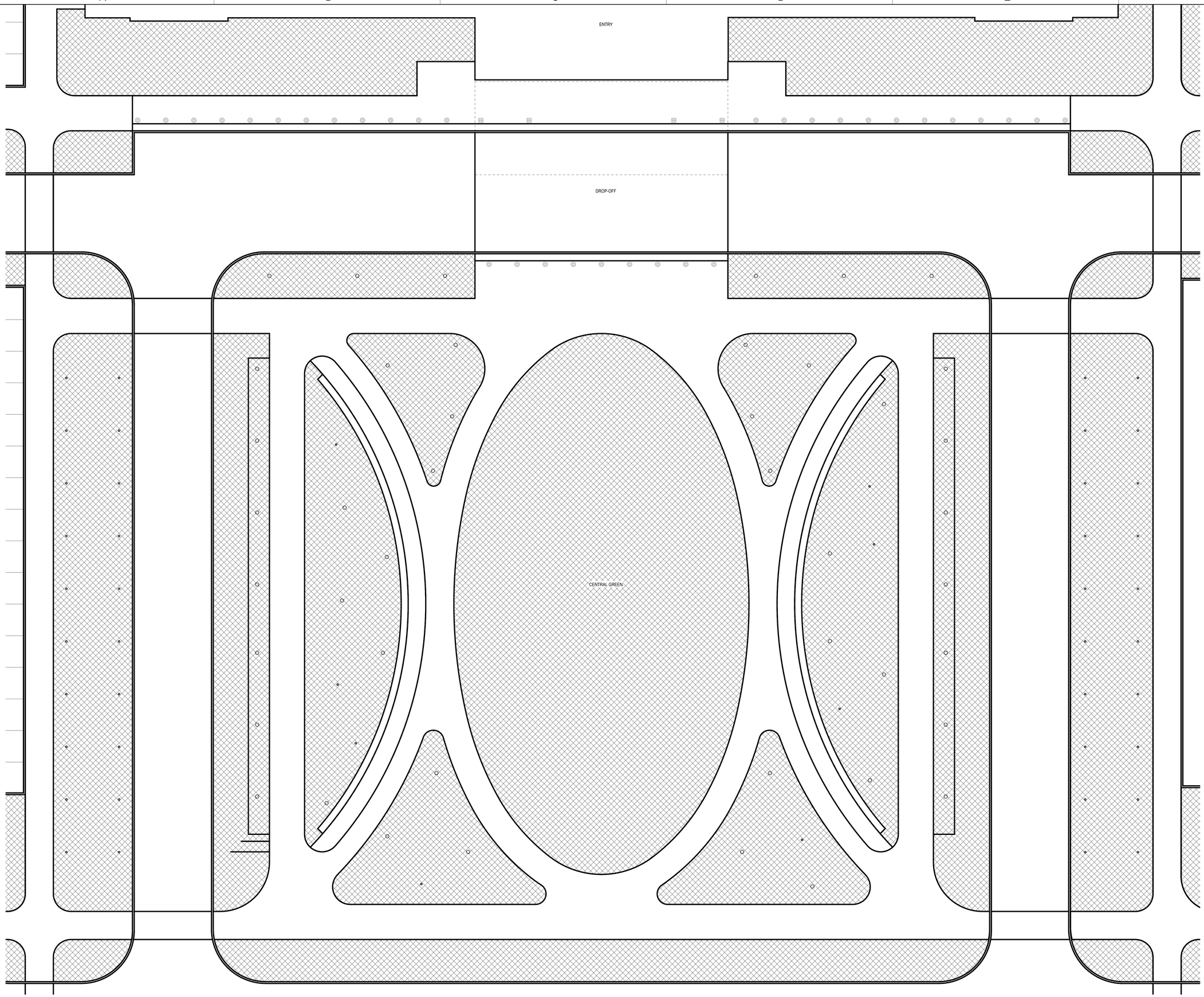


1 LANDSCAPE IRRIGATION PLAN - CENTRAL GREEN
1" = 10'-0"

IRRIGATION ZONES
- PRESSURE REGULATED

1. SYSTEM REQUIREMENTS DESIGNED FOR MULTI-ZONE PAIRING. GPM AND PSI TO BE DETERMINED BY IRRIGATION CONTRACTOR. IRRIGATION CONTRACTOR IS RESPONSIBLE TO VERIFY ACTUAL CONDITIONS BEFORE STARTING INSTALLATION. IF FLOW AND/OR PRESSURE CONDITIONS CANNOT BE MET, FIELD ADJUSTMENT MAY BE NECESSARY.

2. ALL PIPE SHALL BE CLASS 200 PVC PIPE, UNLESS NOTED OTHERWISE.

3. ALL WIRING AS PER LOCAL CODE.

4. BACKFLOW PREVENTION AS PER LOCAL CODE. SEE PLUMBING PLANS, IF AVAILABLE.

5. THE IRRIGATION SYSTEM IS DIAGRAMMATIC; ADJUSTMENTS NECESSARY IN THE FIELD SHALL BE MADE BY THE CONTRACTOR.

6. ALL VALVES SHALL BE LOCATED IN VALVE BOXES FLUSH WITH GRADE.

7. THE IRRIGATION SYSTEM SHALL BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.

8. WINTERIZATION OF SYSTEM SHALL BE AS PER MANUFACTURER'S SPECIFICATIONS.

9. SLEEVING SHALL BE REQUIRED UNDER ALL WALKS AND ROADWAYS. SLEEVE SIZE SHALL BE TWICE (2X) THE SIZE OF PIPE BEING SLEEVED. (MINIMUM 3" UNLESS NOTED).

10. DRAWINGS AND DETAILS SUPPLIED SHOW NECESSARY MATERIALS, BUT CERTAIN OTHER MATERIALS MAY HAVE TO BE SUPPLIED AND INSTALLED BY THE IRRIGATION CONTRACTOR IN ORDER TO HAVE UPON COMPLETION A FULLY OPERATIONAL IRRIGATION SYSTEM.

11. THE IRRIGATION CONTRACTOR SHALL LOCATE ALL UTILITIES AS ARE COMMONLY ENCOUNTERED UNDERGROUND AND SHALL TAKE ROPER PRECAUTIONS NOT TO DAMAGE OR DISTURB SUCH IMPROVEMENTS. COORDINATE WITH THE GENERAL CONTRACTOR.

12. FULL AND COMPLETE COVERAGE IS REQUIRED. IRRIGATION CONTRACTOR SHALL MAKE ANY NECESSARY MINOR ADJUSTMENTS TO LAYOUT REQUIRED TO ACHIEVE FULL COVERAGE OF IRRIGATION AREAS, AT NO ADDITIONAL COST TO THE OWNER.

13. ELECTRICAL POWER WILL BE PROVIDED TO CONTROLLER LOCATION(S). COORDINATE WITH OWNER'S AUTHORIZED REPRESENTATIVE AS TO FINAL LOCATION OF CONTROLLER. COORDINATE ELECTRICAL CONNECTION WITH ELECTRICAL CONTRACTOR.

14. INSTALL RAIN SENSOR PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE ALL SENSOR LOCATIONS WITH OWNER'S AUTHORIZED REPRESENTATIVE.

15. 24 VAC WIRE SPLICING MATERIAL WILL BE DIRECT BURIAL SPLICE KIT AS MANUFACTURED BY 3M. SPLICE KITS MUST BE ON THE APPROVED RAIN BIRD LIST FOR DECODER CONTROLLERS.

16. MAINLINE DEPTH TO BE 18" MINIMUM. LATERAL LINE DEPTH TO BE MINIMUM 12" (SEE TRENCH DETAIL)

17. IRRIGATION CONTRACTOR RESPONSIBLE TO INSTALL LATERAL PIPING FROM DRIP AREA TO DRIP AREA, THE INSTALLATION OF FLUSH VALVES & AIR RELIEF VALVES WHERE NEEDED. DO NOT EXCEED MAXIMUM LATERAL DRIP LINE RUNS. SEE MANUFACTURER'S DATA FOR ADDITIONAL INFORMATION.

18. ALL IRRIGATION CONTROLLERS & DECODER SYSTEMS TO BE GROUNDED PER MANUFACTURER'S RECOMMENDATIONS.

19. IRRIGATION CONTRACTOR TO SELECT & INSTALL APPROPRIATE DECODERS WHERE REQUIRED.

20. LANDSCAPE CONTRACTOR TO PROVIDE IRRIGATION SHOP DRAWINGS SUBMITTAL TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

21. THE PRESSURE REQUIREMENT AT THE POINT OF CONNECTION SHOULD BE BASED ON +20 FEET OF ELEVATION CHANGE IN THE AREAS OF IRRIGATION.

22. ALL SPRINKLER HEADS SHALL BE INSTALLED PERPENDICULAR TO FINISH GRADES.

23. COORDINATE ALL PVC SLEEVING WITH PAVEMENT CONTRACTORS PRIOR TO PAVEMENT INSTALLATION.

24. QUICK COUPLERS LOCATED EVERY +/-100 LF.

SCALE: 1" = 10'-0"
0' 5' 10' 20'

**CLIENT:**
Nationwide Children's Hospital
Engineering Services
700 Children's Drive
Ross Hall, R4000
Columbus, OH 43205
Kevin Noble, RA
(614) 355-1553
Eddie Weeks, MHA
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1 Park Ave
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Jay Jacobs
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*Design Req. for Architects & Engineers 2023 v12*

- NOT FOR CONSTRUCTION -

# New Albany Close To Home

Nationwide Children's Hospital

Ganton Parkway, New Albany, OH

Final Development Plan
July 11, 2025
REVISIONS

A/E / NCH PROJ. NO.:
25-24147-00 / SP-24-031

LANDSCAPE IRRIGATION PLAN - CENTRAL GREEN ENLARGEMENT

L171

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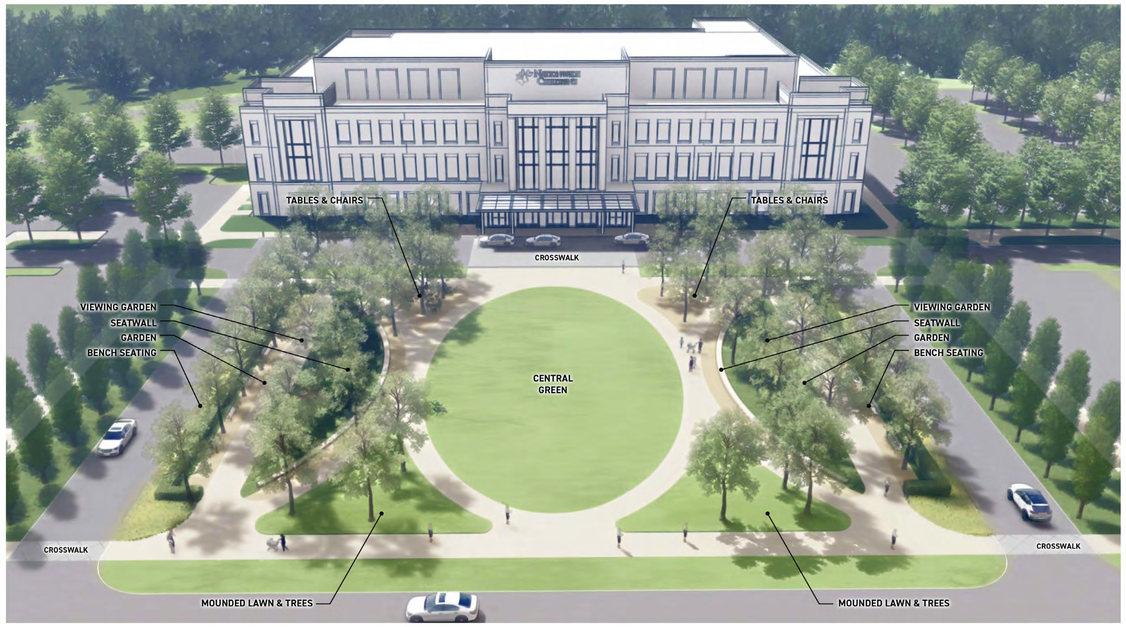


CENTRAL GREEN - OVERALL AERIAL VIEW

CENTRAL GREEN - SEATING AREAS

CENTRAL GREEN - WALKING PATH AND SEATWALL

CENTRAL GREEN - ARRIVAL VIEW


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Gantton Parkway, New Albany, OH

Final Development Plan

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LANDSCAPE AXOS

L900

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# SOUTH FACADE

RAMSA ROBERT A.M. STERN ARCHITECTS · DLRGROUP · REALM COLLABORATIVE · EMH&T · INNOVA

# SOUTHEAST AERIAL

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# SOUTH FACADE

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# SOUTHWEST CORNER

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# WEST FACADE

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# NORTHWEST AERIAL

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# NORTH FACADE

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# NORTHEAST CORNER

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# EAST FACADE

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# TRAVELING EAST ON 161

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# TRAVELING WEST ON 161

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# VIEW FROM GANTON PARKWAY

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# VIEW FROM GANTON PARKWAY

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