

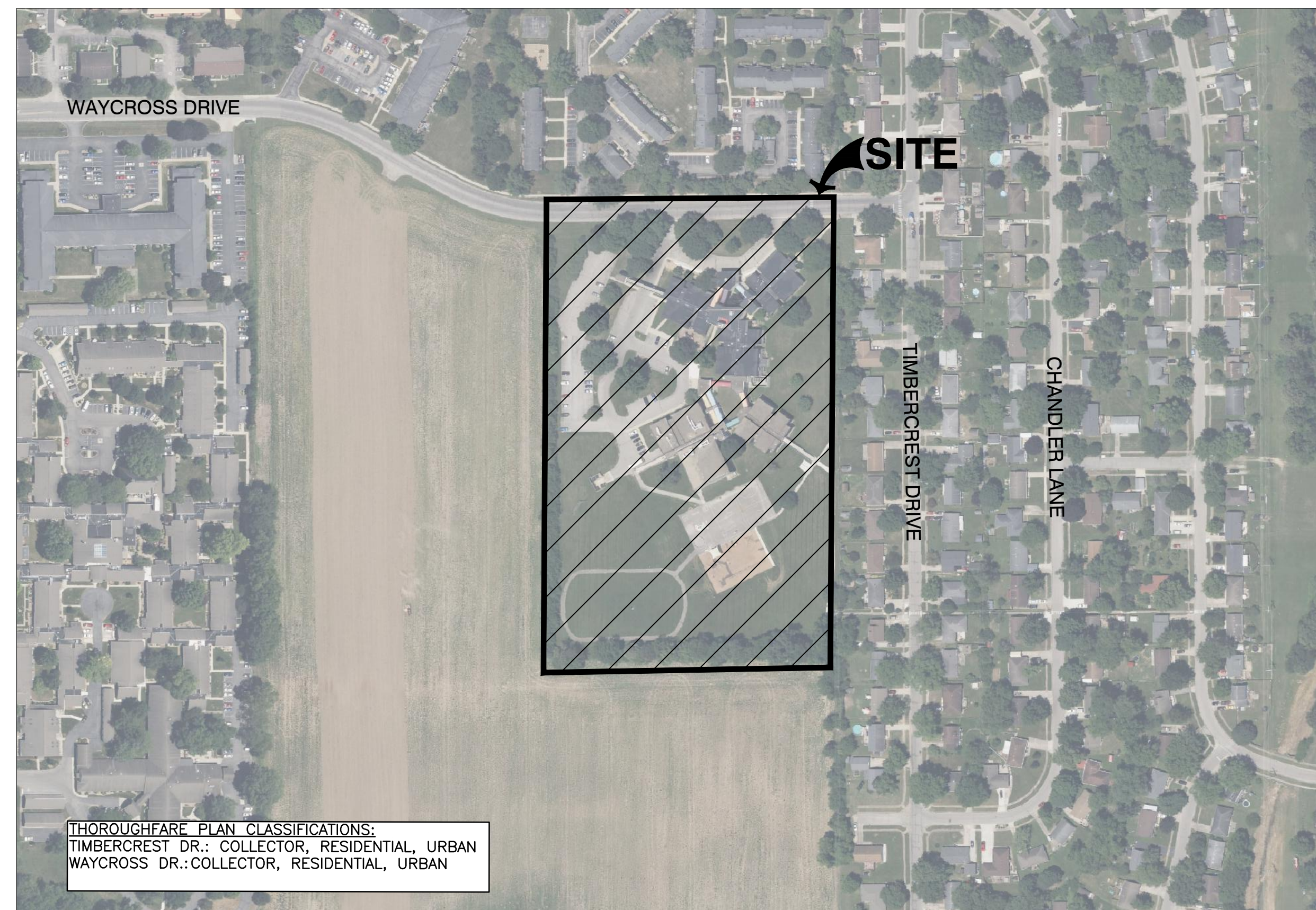
# BCSC - SMITH ELEMENTARY RENOVATIONS AND ADDITIONS

4505 WAYCROSS DRIVE  
COLUMBUS, INDIANA 47203  
100% CIVIL CONSTRUCTION DOCUMENTS  
JANUARY 15, 2025



LOCATION MAP

PROJECT VICINITY



VICINITY MAP  
ACCESSED OCT. 2024  
SCALE: 1"=200'  
SCALE IN FEET  
0 200 400

THOROUGHFARE PLAN CLASSIFICATIONS:  
TIMBERCREST DR.: COLLECTOR, RESIDENTIAL, URBAN  
WAYCROSS DR.: COLLECTOR, RESIDENTIAL, URBAN

**PROJECT TEAM:**

<b>LANDSCAPE ARCHITECT CONTEXT DESIGN</b> 5825 LAWTON LOOP E DR INDIANAPOLIS, IN 46216 PH: (317) 485-6900 CONTACT: FRED PRAZEAU EMAIL: fprazeau@context-design.com	<b>SURVEYOR CIVIL &amp; ENVIRONMENTAL CONSULTANTS, INC.</b> 530 E. OHIO ST., STE. G INDIANAPOLIS, IN 46204 PH: (317) 655-7777 CONTACT: ANTHONY SYERS EMAIL: asyers@ceinc.com
<b>CIVIL ENGINEER CIVIL &amp; ENVIRONMENTAL CONSULTANTS, INC.</b> 530 E. OHIO ST., STE. G INDIANAPOLIS, IN 46204 PH: (317) 655-7777 CONTACT: JONATHAN PASYK EMAIL: jpasyk@ceinc.com	<b>ARCHITECT CSO ARCHITECTS</b> 8831 KEYSTONE CROSSING INDIANAPOLIS, IN 46240 PH: (317) 848-7800 CONTACT: JIM FUNK EMAIL: JFunk@CSOinc.net

**UTILITIES:**

<b>GAS</b> VECTREN 4324 MIDDLE RD COLUMBUS, IN 47203	<b>ELECTRIC</b> DUKE ENERGY 2727 CENTRAL AVE COLUMBUS, IN 47201	<b>SANITARY SEWER</b> COLUMBUS CITY UTILITIES 1111 MCCLURE RD COLUMBUS, IN 47201 (812)372-8861 ATTN: SCOTT DOMPKE
<b>STORM SEWER</b> COLUMBUS ENGINEERING 123 WASHINGTON ST. COLUMBUS, IN 47201 (812)376-2540 ATTN: ANDREW BECKORT	<b>WATER</b> COLUMBUS CITY UTILITIES 1111 MCCLURE RD COLUMBUS, IN 47201 (812)372-8861 ATTN: SCOTT DOMPKE	<b>FIRE DEPARTMENT</b> COLUMBUS FIRE DEPARTMENT 1101 JACKSON ST. COLUMBUS, IN 47201 (812)376-2583 ATTN: TROY TODD

PLANNING DEPARTMENT  
COLUMBUS PLANNING DEPARTMENT  
123 WASHINGTON ST  
COLUMBUS, IN 47201  
(812)376-2550  
ATTN: JEFF BERGMAN

**BENCHMARKS:**

UNLESS OTHERWISE NOTED, ELEVATIONS SHOWN HEREON ARE BASED UPON AN OPEN SOLUTION AND ARE ON THE 1985 NORTH AMERICAN VERTICAL DATUM (NAD83). IT IS MY OPINION THAT THE UNCERTAINTY IN THE ELEVATION OF THE PROJECT BENCHMARK DOES NOT EXCEED 0.10 FOOT.

BM#1: B.S.C.O. BENCHMARK #102, I.F.C. & W.C. BRIDGE TABLET ON THE NORTHWEST CORNER OF AN 8'x8' CONCRETE STORM SEWER COVER ON THE SOUTH SIDE OF 25TH STREET AT THE EASTERN PIPELINE CROSSING. ELEV. = 638.67

BM#1: SET MAGNAL ON TOP OF THE NORTHWEST SIDE OF A CONCRETE LIGHT BASE LOCATED APPROXIMATELY 340' SOUTH OF WAYCROSS DRIVE ON THE EAST SIDE OF THE SOUTHERN MOST PARKING LOT ON SITE. ELEV. = 639.36

BM#2: SET MAGNAL ON TOP OF THE SOUTH SIDE OF A CONCRETE LIGHT BASE LOCATED APPROXIMATELY 40' SOUTH OF WAYCROSS DRIVE ON THE WEST SIDE OF THE WESTERN MOST ENTRANCE TO THE SITE. ELEV. = 637.71

BM#3: SET MAGNAL ON TOP OF THE SOUTH CORNER OF A CONCRETE TRANSFORMER PAD LOCATED APPROXIMATELY 200' SOUTH OF WAYCROSS DRIVE ON THE EAST SIDE OF THE ELEMENTARY SCHOOL BUILDING. ELEV. = 638.71

BM#4: SET MAGNAL IN THE CONCRETE WALK LOCATED DIRECTLY NORTH OF THE MAIN ENTRANCE TO THE ELEMENTARY SCHOOL BUILDING. ELEV. = 639.39

**UTILITY NOTE:**

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. INDIANA 811 ONE-CALL PUBLIC UTILITY LOCATE SERVICE TICKET NUMBER 2407034985 WAS ISSUED FOR THIS SITE.

PRIOR TO ANY EXCAVATION FOR UNDERGROUND UTILITIES, THE CONTRACTOR SHALL EXPOSE AND VERIFY LOCATIONS (HORIZONTAL AND VERTICAL) OF ALL EXISTING UTILITIES INCLUDING BUT NOT LIMITED TO GAS, WATER, AND SANITARY SEWER. ANY CONFLICTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND THE APPROPRIATE AUTHORITIES.

**FLOOD NOTE:**

THE PARCEL DESCRIBED AND SHOWN HEREON LIES WITHIN ZONE "X" (UN-SHADED) AS SHAD PARCEL PLOTS ON MAP NUMBER 170500121F (DATED FEBRUARY 23, 2023) IN HINDSBOCK COUNTY, INDIANA. THE ACCURACY OF THIS FLOOD HAZARD STATEMENT IS SUBJECT TO MAP SCALE UNCERTAINTY AND TO ANY OTHER UNCERTAINTY IN LOCATION OR ELEVATION ON THE REFERENCED FLOOD INSURANCE RATE MAP.

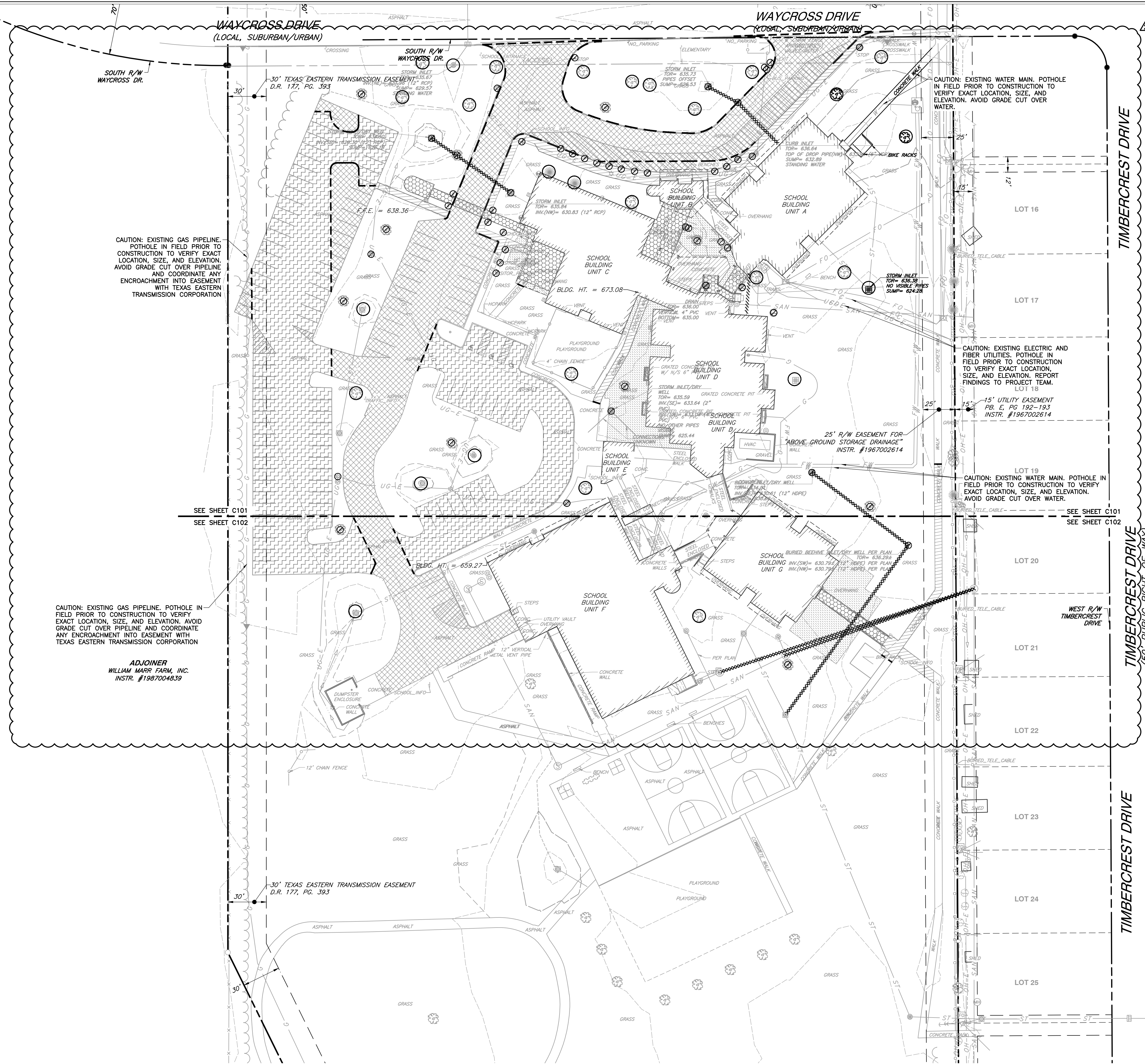
Sheet Number	Sheet Title	Drawing No.
01	TITLE SHEET	C000
02	BOUNDARY RETRACEMENT SURVEY	BNDRY
03	TOPOGRAPHIC SURVEY	TOPO
04	TOPOGRAPHIC SURVEY	TOPO
05	TOPOGRAPHIC SURVEY	TOPO
06	OVERALL DEMOLITION PLAN	C100
07	DEMOLITION PLAN - NORTH	C101
08	DEMOLITION PLAN - SOUTH	C102
09	DEMOLITION PLAN - EAST ALTERNATE	C103
10	OVERALL GRADING PLAN	C300
11	GRADING PLAN - NORTH	C301
12	GRADING PLAN - SOUTH	C302
13	GRADING PLAN - EAST ALTERNATE	C303
14	FLOOD ROUTING PLAN	C304
15	FLOOD ROUTING PLAN - EAST ALTERNATE	C305
16	OVERALL DRAINAGE PLAN	C400
17	DRAINAGE PLAN - NORTH	C401
18	DRAINAGE PLAN - SOUTH	C402
19	DRAINAGE PLAN - EAST ALTERNATE	C403
20	OVERALL UTILITY PLAN	C500
21	UTILITY PLAN - NORTH	C501
22	UTILITY PLAN - SOUTH	C502
23	SITE DETAILS	C800
24	SITE DETAILS	C801
25	OVERALL STORMWATER POLLUTION PREVENTION PLAN	C900
26	STORMWATER POLLUTION PREVENTION PLAN - NORTH	C901
27	STORMWATER POLLUTION PREVENTION PLAN - SOUTH	C902
28	STORMWATER POLLUTION PREVENTION PLAN - EAST ALTERNATE	C903
29	STORMWATER POLLUTION PREVENTION NOTES	C904
30	STORMWATER POLLUTION PREVENTION DETAILS	C905
	CITY OF COLUMBUS STANDARD DETAILS	







NORTH



CAUTION: EXISTING GAS PIPELINE. POT HOLE IN FIELD PRIOR TO CONSTRUCTION TO VERIFY EXACT LOCATION, SIZE, AND ELEVATION. AVOID GRADE CUT OVER PIPELINE AND COORDINATE ANY ENCROACHMENT INTO EASEMENT WITH TEXAS EASTERN TRANSMISSION CORPORATION

CAUTION: EXISTING WATER MAIN. POT HOLE IN FIELD PRIOR TO CONSTRUCTION TO VERIFY EXACT LOCATION, SIZE, AND ELEVATION. AVOID GRADE CUT OVER WATER.

CAUTION: EXISTING ELECTRIC AND FIBER UTILITIES. POT HOLE IN FIELD PRIOR TO CONSTRUCTION TO VERIFY EXACT LOCATION, SIZE, AND ELEVATION. REPORT FINDINGS TO PROJECT TEAM.

CAUTION: EXISTING WATER MAIN. POT HOLE IN FIELD PRIOR TO CONSTRUCTION TO VERIFY EXACT LOCATION, SIZE, AND ELEVATION. AVOID GRADE CUT OVER WATER.

CAUTION: EXISTING GAS PIPELINE. POT HOLE IN FIELD PRIOR TO CONSTRUCTION TO VERIFY EXACT LOCATION, SIZE, AND ELEVATION. AVOID GRADE CUT OVER PIPELINE AND COORDINATE ANY ENCROACHMENT INTO EASEMENT WITH TEXAS EASTERN TRANSMISSION CORPORATION

ADJOINER  
WILLIAM MARR FARM, INC.  
INSTR. #1987004839



**DEMOLITION LEGEND:**

[Hatched pattern]	BUILDING/STRUCTURE TO BE REMOVED
[Dotted pattern]	ASPHALT TO BE REMOVED
[Diagonal lines]	LANDSCAPING TO BE REMOVED
[Cross-hatched pattern]	MILL AND RESURFACE ASPHALT TO BE REMOVED
[Horizontal lines]	CONCRETE TO BE REMOVED
[Vertical lines]	CURB TO BE REMOVED
[X-hatched pattern]	UTILITY TO BE REMOVED
[Diagonal lines]	MISC. ITEM TO BE REMOVED
[Dashed line]	SAWCUT EXISTING PAVEMENT
[Circle with slash]	MISC. ITEM TO BE REMOVED
[Circle]	MISC. ITEM TO REMAIN, PROTECT WITH CONSTRUCTION FENCING

**DEMOLITION ITEMS:**

1	REMOVE EXISTING BUILDING/STRUCTURE COMPLETE, INCLUDING FOUNDATIONS; DISPOSE OF OFF SITE. REFER TO "A" SERIES PLANS. THE "A" PLANS SHALL SUPERSEDE, REGARDING BUILDING DEMOLITION SCOPE IF "C" PLANS AND "A" PLANS CONFLICT.
2	REMOVE ASPHALT PAVEMENT AND BASE COMPLETE; DISPOSE OF OFF SITE.
3	REMOVE CONCRETE PAVEMENT/SIDEWALK AND BASE COMPLETE; DISPOSE OF OFF SITE.
4	REMOVE CONCRETE CURB COMPLETE; DISPOSE OF OFF SITE.
5	FULL-DEPTH SAWCUT
6	REMOVE EXISTING SIGN AND FOOTING COMPLETE; DISPOSE OF OFF SITE.
7	REMOVE EXISTING BOLLARDS AND FOOTING COMPLETE; DISPOSE OF OFF SITE.
8	EXISTING SANITARY LATERAL TO BE REMOVED/RELOCATED. COORDINATE WITH SHEET C500.
9	EXISTING FORCE MAIN TO BE REMOVED/RELOCATED. COORDINATE WITH SHEET C500.
10	EXISTING UTILITIES TO REMAIN UNDISTURBED AND PROTECTED DURING CONSTRUCTION.
11	EXISTING VEGETATION, SHRUB, TREE, ETC. TO BE REMOVED AND DISPOSED OF OFF SITE.
12	EXISTING STORMWATER STRUCTURES AND STORMWATER SEWER TO BE REMOVED AND DISPOSED OF OFF SITE.
13	EXISTING ELECTRICAL LINE, MANHOLE AND POLE TO BE REMOVED AND DISPOSED OF OFF SITE.
14	EXISTING ASPHALT MILL AND RESURFACE; DISPOSE OF OFF SITE. COORDINATE WITH "L" SERIES PLANS. RE-STRIPE PARKING.
15	EXISTING STORMWATER STRUCTURES TO REMAIN UNDISTURBED AND PROTECTED DURING CONSTRUCTION.
16	EXISTING VEGETATION, SHRUB, TREE, ETC TO REMAIN UNDISTURBED AND PROTECTED DURING CONSTRUCTION.
17	EXISTING DRYWELL TO BE RELOCATED AND MODIFIED. COORDINATE WITH SHEET C400.
18	EXISTING LIGHT POLE TO BE REMOVED. COORDINATE WITH "E" SERIES PLANS.

**LEGEND:**

[Solid line]	EXISTING PROPERTY LINE
[Dashed line]	EXISTING RIGHT-OF-WAY LINE
[Dotted line]	EXISTING LOT LINE
[Dash-dot line]	EXISTING ADJACENT PROPERTY LINE
[Long-dash line]	EXISTING SECTION LINE
[Short-dash line]	EXISTING EASEMENT
[Dash-dot-dot line]	EXISTING INDEX CONTOUR
[Long-dash-dot line]	EXISTING INTERMEDIATE CONTOUR
[Dash-dot-dot-dot line]	EXISTING CHAINLINK FENCE LINE
[X-hatched pattern]	EXISTING FENCE LINE
[Diagonal lines]	EXISTING GAURDRAIL
[Wavy line]	EXISTING WATER LINE
[Dotted line]	EXISTING UNDERGROUND TELEPHONE
[Dashed line]	EXISTING FIBER OPTIC LINE
[Dash-dot line]	EXISTING UNDERGROUND ELECTRIC
[Dash-dot-dot line]	EXISTING OVERHEAD LINES
[Dash-dot-dot-dot line]	EXISTING SANITARY SEWER LINE
[Long-dash-dot-dot line]	EXISTING FORCE MAIN LINE
[Short-dash-dot line]	EXISTING COMBO SEWER LINE
[Long-dash-dot-dot-dot line]	EXISTING STORM SEWER LINE
[Dotted line]	EXISTING GAS LINE
[Circle with cross]	EXISTING TREE LINE

- DEMOLITION NOTES:**
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OFF-SITE OF ALL ITEMS SHOWN ON THE DEMOLITION PLAN INCLUDING ITEMS ENCOUNTERED DURING EXCAVATION OF THE BUILDING FOUNDATIONS AND UTILITY PLACEMENT.
  - PRIOR TO STARTING DEMOLITION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY LOCAL GOVERNMENTAL AGENCIES.
  - THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL UTILITY COMPANIES FOR THE DISCONNECTION AND REMOVAL OF SERVICES TO EXISTING STRUCTURES.
  - ITEMS SHOWN ON THE DEMOLITION PLAN TO BE SALVAGED SHALL BE TRANSPORTED TO LOCATION SPECIFIED BY THE OWNER OR HIS/HER REPRESENTATIVE.
  - ITEMS OF SALVAGEABLE VALUE TO THE CONTRACTOR MAY BE REMOVED WITH THE OWNER OR HIS/HER REPRESENTATIVE'S PERMISSION. THE CONTRACTOR SHALL NOT STORE THESE ITEMS ON SITE.
  - THE CONTRACTOR MAY NOT USE EXPLOSIVES OR BURN DEBRIS.
  - CONDUCT DEMOLITION OPERATIONS TO ENSURE MINIMAL INTERFERENCE WITH ROADS, SIDEWALKS AND ANY OTHER ADJACENT OCCUPIED FACILITIES.
  - DO NOT CLOSE OR OBSTRUCT ROADS, SIDEWALKS OR ANY OTHER OCCUPIED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITY HAVING JURISDICTION AND/OR PROPERTY OWNERS.
  - THE CONTRACTOR SHALL ENSURE SAFE PASSAGE OF PERSON TRAVERSING THROUGH OR AROUND THE CONSTRUCTION SITE.
  - THE CONTRACTOR SHALL PROTECT FROM DAMAGE, SURROUNDING STRUCTURES, UTILITIES AND OTHER FACILITIES DURING DEMOLITION AND REMOVAL OPERATIONS.
  - BUILDING STRUCTURES INCLUDING FOUNDATIONS OR BASEMENTS SHALL BE REMOVED AND BACKFILLED WITH APPROVED BACKFILL MATERIAL. BACKFILL MATERIAL SHALL BE PLACED IN MAXIMUM EIGHT INCH LIFTS AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT OR A MINIMUM OF 95% OF A STANDARD PROCTOR.
  - UTILITIES SHALL BE REMOVED AND BACKFILLED WITH APPROVED BACKFILL MATERIAL. BACKFILL MATERIAL SHALL BE PLACED IN MAXIMUM EIGHT INCH LIFTS AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT OR A MINIMUM OF 95% OF A STANDARD PROCTOR.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE CONSTRUCTION SITE AND SURROUNDING AREAS ARE FREE OF ACCUMULATED DEBRIS.

- BENCHMARKS:**
- UNLESS OTHERWISE NOTED, ELEVATIONS SHOWN HEREON ARE BASED UPON AN OPUS SOLUTION AND ARE ON THE 1988 NORTH AMERICAN VERTICAL DATUM (NAVD88 (GEOID '18)). IT IS MY OPINION THAT THE UNCERTAINTY IN THE ELEVATION OF THE PROJECT BENCHMARK DOES NOT EXCEED 0.10 FOOT.
- BM: B.S.C.O BENCHMARK #102, L.F.C. & W.R.C. BRONZE TABLET ON THE NORTHWEST CORNER OF AN 8'X5' CONCRETE STORM SEWER COVER ON THE SOUTH SIDE OF 25TH STREET AT THE EASTERN PIPELINE CROSSING. ELEV. = 638.67
- TM#1: SET MAGNAL ON TOP OF THE NORTHWEST SIDE OF A CONCRETE LIGHT BASE LOCATED APPROXIMATELY 340' SOUTH OF WAYCROSS DRIVE ON THE EAST SIDE OF THE SOUTHERN MOST PARKING LOT ON SITE. ELEV. = 639.36
- TM#2: SET MAGNAL ON TOP OF THE SOUTH SIDE OF A CONCRETE LIGHT BASE LOCATED APPROXIMATELY 40' SOUTH OF WAYCROSS DRIVE ON THE WEST SIDE OF THE WESTERN MOST ENTRANCE TO THE SITE. ELEV. = 637.71
- TM#3: SET MAGNAL ON TOP OF THE SOUTH CORNER OF A CONCRETE TRANSFORMER PAD LOCATED APPROXIMATELY 200' SOUTH OF WAYCROSS DRIVE ON THE EAST SIDE OF THE ELEMENTARY SCHOOL BUILDING. ELEV. = 638.71
- TM#4: SET MAGNAL IN THE CONCRETE WALK LOCATED DIRECTLY NORTH OF THE MAIN ENTRANCE TO THE ELEMENTARY SCHOOL BUILDING. ELEV. = 639.39

**UTILITY NOTE:**

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. INDIANA 811 ONE-CALL PUBLIC UTILITY LOCATE SERVICE TICKET NUMBER 2407034585 WAS ISSUED FOR THIS SITE.

PRIOR TO ANY EXCAVATION FOR UNDERGROUND UTILITIES, THE CONTRACTOR SHALL EXPOSE AND VERIFY LOCATIONS (HORIZONTAL AND VERTICAL) OF ALL EXISTING UTILITIES INCLUDING BUT NOT LIMITED TO GAS, WATER, AND SANITARY SEWER. ANY CONFLICTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND THE APPROPRIATE AUTHORITIES.

**FLOOD NOTE:**

THE PARCEL DESCRIBED AND SHOWN HEREIN LIES WITHIN ZONE "X" (UN-SHADED) AS SAID PARCEL PLOTS ON MAP NUMBER 18005C0151F (DATED FEBRUARY 23, 2023) & 18005C0153E (DATED DECEMBER, 2014) OF THE FLOOD INSURANCE RATE MAPS FOR BARTHOLOMEW COUNTY, INDIANA. THE ACCURACY OF THIS FLOOD HAZARD STATEMENT IS SUBJECT TO MAP SCALE UNCERTAINTY AND TO ANY OTHER UNCERTAINTY IN LOCATION OR ELEVATION ON THE REFERENCED FLOOD INSURANCE RATE MAP.



**CSO**

8831 Keystone Crossing, Indianapolis, IN 46240  
317.846.7800 | csocn.net

**CEE**

Civil & Environmental Consultants, Inc.  
530 E. Ohio Street, Suite G - Indianapolis, IN 46204  
317.465.7777 | 617.746.0749  
www.ceecn.com

**BARTHOLOMEW CONSOLIDATED SCHOOL CORPORATION**  
RENOVATIONS TO  
**L. FRANCES SMITH ELEMENTARY**  
4805 WAYCROSS DRIVE, COLUMBUS, IN 47203

**SCOPE DRAWINGS:**

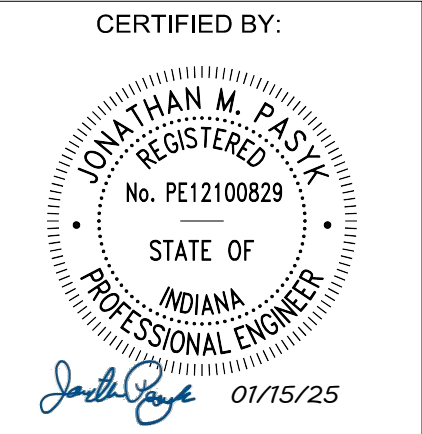
These drawings indicate the general scope of the project. The contractor shall be responsible for the discovery of all underground utilities and electrical systems. The contractor shall be responsible for the discovery of all work required for the performance and completion of the project. On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

**REVISIONS:**

02/12/2025 - ADDENDUM #04

ISSUE DATE	DRAWN BY	CHECKED BY
1/15/2025	MPRT	JP

DRAWING TITLE:  
**OVERALL DEMOLITION PLAN**

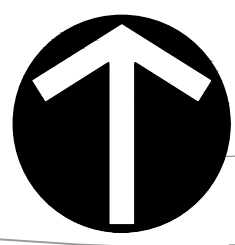


DRAWING NUMBER  
**C100**

PROJECT NUMBER  
**346-935**







NORTH

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)  
(30' PUBLIC RIGHT-OF-WAY)  
(38.5'± WIDE BETWEEN CURBS)  
(INSTR. 1967002614)

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)



**Civil & Environmental Consultants, Inc.**  
530 E. Ohio Street, Suite G - Indianapolis, IN 46204  
317-465-7777 • 877-746-0749  
www.cecon.com

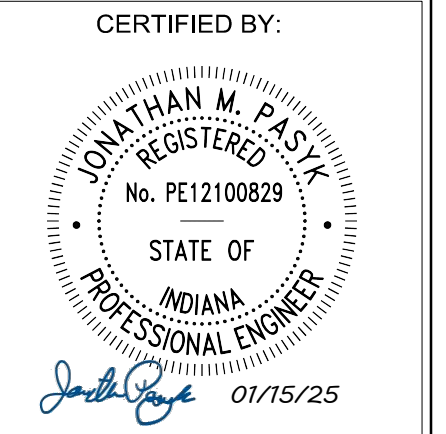
**BARTHOLOMEW CONSOLIDATED SCHOOL CORPORATION**  
RENOVATIONS TO  
**L. FRANCES SMITH ELEMENTARY**  
4805 WAYCROSS DRIVE, COLUMBUS, IN 47203

**SCOPE DRAWINGS:**  
These drawings indicate the general scope of the project in terms of architectural design concepts, the siting of all structural, mechanical and electrical systems. The drawings do not necessarily indicate or describe all work required for the general scope of work as described in the contract documents and shall be subject to the terms and conditions of the contract.

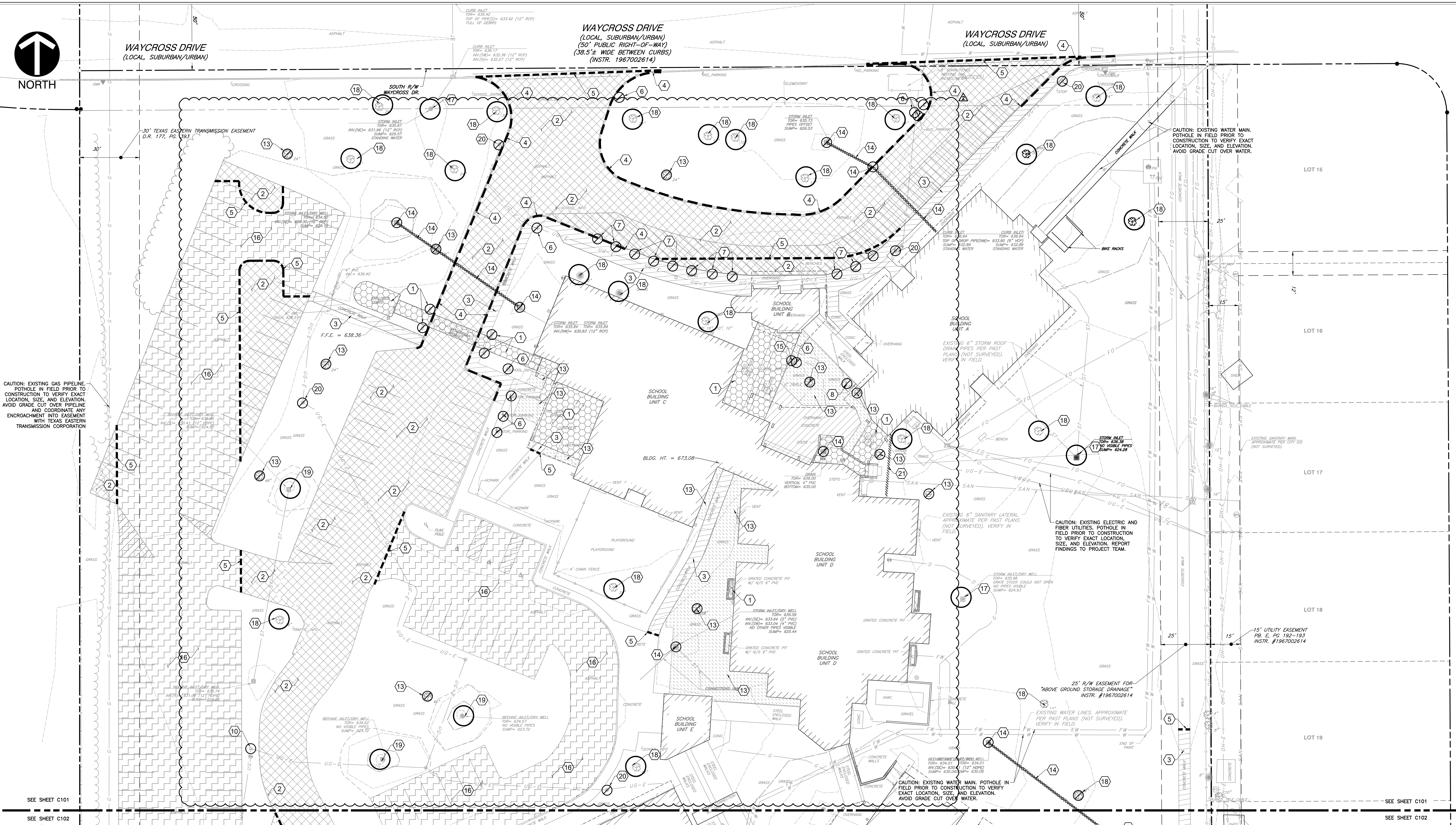
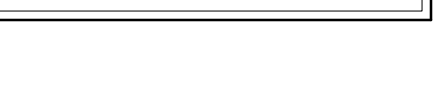
**REVISIONS:**  
▲ 02/05/2025 - ADDENDUM #02  
▲ 02/12/2025 - ADDENDUM #04

**ISSUE DATE** 1/15/2025  
**DRAWN BY** MPRT  
**CHECKED BY** JP

**DRAWING TITLE:**  
**DEMOLITION PLAN - NORTH**



**DRAWING NUMBER**  
**C101**  
**PROJECT NUMBER**  
**346-935**



**DEMOLITION LEGEND:**

[Symbol]	BUILDING/STRUCTURE TO BE REMOVED
[Symbol]	ASPHALT TO BE REMOVED
[Symbol]	LANDSCAPING TO BE REMOVED
[Symbol]	MILL AND RESURFACE ASPHALT TO BE REMOVED
[Symbol]	CONCRETE TO BE REMOVED
[Symbol]	CURB TO BE REMOVED
[Symbol]	UTILITY TO BE REMOVED
[Symbol]	MISC. ITEM TO BE REMOVED
[Symbol]	SAWCUT EXISTING PAVEMENT
[Symbol]	MISC. ITEM TO REMAIN, PROTECT WITH CONSTRUCTION FENCING

**DEMOLITION ITEMS:**

1	REMOVE EXISTING BUILDING/STRUCTURE COMPLETE, INCLUDING FOUNDATIONS, DISPOSE OF OFF SITE. REFER TO "A" SERIES PLANS. THE "A" PLANS SHALL SUPERSEDE REGARDING BUILDING DEMOLITION SCOPE IF "C" PLANS AND "A" PLANS CONFLICT.
2	REMOVE ASPHALT PAVEMENT AND BASE COMPLETE; DISPOSE OF OFF SITE.
3	REMOVE CONCRETE PAVEMENT/SIDEWALK AND BASE COMPLETE; DISPOSE OF OFF SITE.
4	REMOVE CONCRETE CURBS COMPLETE; DISPOSE OF OFF SITE.
5	FULL-DEPTH SAWCUT
6	REMOVE EXISTING SIGN AND FOOTING COMPLETE; DISPOSE OF OFF SITE.
7	REMOVE EXISTING BOLLARDS AND FOOTING COMPLETE; DISPOSE OF OFF SITE.
8	EXISTING SANITARY LATERAL TO BE REMOVED/RELOCATED. COORDINATE WITH SHEET C500.
9	EXISTING FORCE MAIN TO BE REMOVED/RELOCATED. COORDINATE WITH SHEET C500.
10	EXISTING UTILITIES TO REMAIN UNDISTURBED AND PROTECTED DURING CONSTRUCTION.
11	EXISTING VEGETATION, SHRUB, TREE, ETC. TO BE REMOVED AND DISPOSED OF OFF SITE.
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13	EXISTING ELECTRICAL LINE, MANHOLE AND POLE TO BE REMOVED AND DISPOSED OF OFF SITE.
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15	EXISTING VEGETATION, SHRUB, TREE, ETC TO REMAIN UNDISTURBED AND PROTECTED DURING CONSTRUCTION.
16	EXISTING DRYWELL TO BE RELOCATED AND MODIFIED. COORDINATE WITH SHEET C400.
17	EXISTING LIGHT POLE TO BE REMOVED. COORDINATE WITH "E" SERIES PLANS.
18	REMOVE EXISTING FENCE & GATE COMPLETE; DISPOSE OF OFF SITE.

**LEGEND:**

[Symbol]	EXISTING PROPERTY LINE
[Symbol]	EXISTING RIGHT-OF-WAY LINE
[Symbol]	EXISTING LOT LINE
[Symbol]	EXISTING ADJACENT PROPERTY LINE
[Symbol]	EXISTING SECTION LINE
[Symbol]	EXISTING EASEMENT
[Symbol]	EXISTING OUTLINE CONTOUR
[Symbol]	EXISTING INTERMEDIATE CONTOUR
[Symbol]	EXISTING CHAINLINK FENCE LINE
[Symbol]	EXISTING FENCE LINE
[Symbol]	EXISTING GAURDRAIL
[Symbol]	EXISTING WATER LINE
[Symbol]	EXISTING UNDERGROUND TELEPHONE
[Symbol]	EXISTING FIBER OPTIC LINE
[Symbol]	EXISTING UNDERGROUND ELECTRIC
[Symbol]	EXISTING OVERHEAD LINES
[Symbol]	EXISTING SANITARY SEWER LINE
[Symbol]	EXISTING FORCE MAIN LINE
[Symbol]	EXISTING COMBO SEWER LINE
[Symbol]	EXISTING STORM SEWER LINE
[Symbol]	EXISTING GAS LINE
[Symbol]	EXISTING TREE LINE

**LEGEND:**

[Symbol]	SEC. COR., IRON ROD FD., MON. SET, TEM
[Symbol]	*REBAR/CAP OR NAIL/WASHER STAMPED "CEC INC FIRM #0122"
[Symbol]	ELEC. LIGHT POLE, PULL BOX, POWER POLE, UTILITY POLE, GUY WIRE, ELEC. TRANSFORMER
[Symbol]	GAS VALVE, GAS METER, GAS LINE MARKER
[Symbol]	WATER MANHOLE, IRRIGATION CONTROL BOX, WATER TAP, WATER METER, FIRE HYDRANT, PIV VALVE, FIRE DEPT. CONNECTION, WATER VALVE
[Symbol]	ELECTRIC MANHOLE, TELEPHONE PEDESTAL, CABLE PEDESTAL, FIBER OPTIC PULL BOX
[Symbol]	BEEHIVE INLET, CURB INLET, RECESSED CURB INLET, DOWNSPOUT, SQUARE STORM INLET, CIRCULAR STORM INLET, DRAINAGE MANHOLE
[Symbol]	UNKNOWN MANHOLE, CLEANOUT, SANITARY MANHOLE, COMBINATION MANHOLE
[Symbol]	MAIL BOX, SIGN, AIR COND., ADA SYMBOL, BOLLARD
[Symbol]	PARKING METER, TRAFFIC POLE, TRAFFIC MANHOLE.
[Symbol]	DECIDUOUS TREE, CONIFEROUS TREE, BUSH
[Symbol]	MEASURED, DEED
[Symbol]	EXISTING SPOT ELEVATION

**DEMOLITION NOTES:**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OFF-SITE OF ALL ITEMS SHOWN ON THE DEMOLITION PLAN INCLUDING ITEMS ENCOUNTERED DURING EXCAVATION OF BUILDING FOUNDATIONS AND UTILITY PLACEMENT.
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- DO NOT CLOSE OR OBSTRUCT ROADS, SIDEWALKS OR ANY OTHER OCCUPIED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITY HAVING JURISDICTION AND/OR PROPERTY OWNERS.
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- THE CONTRACTOR SHALL PROTECT FROM DAMAGE, SURROUNDING STRUCTURES, UTILITIES AND OTHER FACILITIES DURING DEMOLITION AND REMOVAL OPERATIONS.
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**BENCHMARKS:**

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BM#1: SET MAGNAL ON TOP OF THE NORTHWEST SIDE OF A CONCRETE LIGHT BASE LOCATED APPROXIMATELY 340' SOUTH OF WAYCROSS DRIVE ON THE EAST SIDE OF THE SOUTHERN MOST PARKING LOT ON SITE. ELEV. = 639.36

BM#2: SET MAGNAL ON TOP OF THE SOUTH SIDE OF A CONCRETE LIGHT BASE LOCATED APPROXIMATELY 40' SOUTH OF WAYCROSS DRIVE ON THE WEST SIDE OF THE WESTERN MOST ENTRANCE TO THE SITE. ELEV. = 637.71

BM#3: SET MAGNAL ON TOP OF THE SOUTH CORNER OF A CONCRETE TRANSFORMER PAD LOCATED APPROXIMATELY 200' SOUTH OF WAYCROSS DRIVE ON THE EAST SIDE OF THE ELEMENTARY SCHOOL BUILDING. ELEV. = 638.71

BM#4: SET MAGNAL IN THE CONCRETE WALK LOCATED DIRECTLY NORTH OF THE MAIN ENTRANCE TO THE ELEMENTARY SCHOOL BUILDING. ELEV. = 639.39

**UTILITY NOTE:**

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PRIOR TO ANY EXCAVATION FOR UNDERGROUND UTILITIES, THE CONTRACTOR SHALL EXPOSE AND VERIFY LOCATIONS (HORIZONTAL AND VERTICAL) OF ALL EXISTING UTILITIES INCLUDING BUT NOT LIMITED TO GAS, WATER, AND SANITARY SEWER. ANY CONFLICTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND THE APPROPRIATE AUTHORITIES.

**FLOOD NOTE:**

THE PARCEL DESCRIBED AND SHOWN HEREIN LIES WITHIN ZONE "X" (UN-SHADED) AS SAID PARCEL PLOTS ON MAP NUMBER 18005C0151F (DATED FEBRUARY 23, 2023) & 18005C0153E (DATED DECEMBER, 2014) OF THE FLOOD INSURANCE RATE MAPS FOR BARTHOLOMEW COUNTY, INDIANA. THE ACCURACY OF THIS FLOOD HAZARD STATEMENT IS SUBJECT TO MAP SCALE UNCERTAINTY AND TO ANY OTHER UNCERTAINTY IN LOCATION OR ELEVATION ON THE REFERENCED FLOOD INSURANCE RATE MAP.



SCALE IN FEET

SEE SHEET C101 SEE SHEET C102 SEE SHEET C101 SEE SHEET C102



SEE SHEET C101

SEE SHEET C102

SEE SHEET C101

SEE SHEET C102



CAUTION: EXISTING GAS PIPELINE POTHOLE IN FIELD PRIOR TO CONSTRUCTION TO VERIFY EXACT LOCATION, SIZE, AND ELEVATION. AVOID GRADE CUT OVER PIPELINE AND COORDINATE ANY ENCROACHMENT INTO EASEMENT WITH TEXAS EASTERN TRANSMISSION CORPORATION

**DEMOLITION LEGEND:**

	BUILDING/STRUCTURE TO BE REMOVED
	ASPHALT TO BE REMOVED
	LANDSCAPING TO BE REMOVED
	MILL AND RESURFACE ASPHALT TO BE REMOVED
	CONCRETE TO BE REMOVED
	CURB TO BE REMOVED
	UTILITY TO BE REMOVED
	MISC. ITEM TO BE REMOVED
	SAWCUT EXISTING PAVEMENT
	MISC. ITEM TO BE REMOVED
	MISC. ITEM TO REMAIN, PROTECT WITH CONSTRUCTION FENCING

**DEMOLITION ITEMS:**

1	REMOVE EXISTING BUILDING/STRUCTURE COMPLETE, INCLUDING FOUNDATIONS, DISPOSE OF OFF SITE. REFER TO "A" SERIES PLANS. THE "A" PLANS SHALL SUPERSEDE REGARDING BUILDING DEMOLITION SCOPE IF "C" PLANS AND "A" PLANS CONFLICT.
2	REMOVE ASPHALT PAVEMENT AND BASE COMPLETE; DISPOSE OF OFF SITE.
3	REMOVE CONCRETE PAVEMENT/SIDEWALK AND BASE COMPLETE; DISPOSE OF OFF SITE.
4	REMOVE CONCRETE CURB COMPLETE; DISPOSE OF OFF SITE.
5	FULL-DEPTH SAWCUT
6	REMOVE EXISTING SIGN AND FOOTING COMPLETE; DISPOSE OF OFF SITE.
7	REMOVE EXISTING BOLLARDS AND FOOTING COMPLETE; DISPOSE OF OFF SITE.
8	EXISTING SANITARY LATERAL TO BE REMOVED/RELOCATED. COORDINATE WITH SHEET C500.
9	EXISTING FORCE MAIN TO BE REMOVED/RELOCATED. COORDINATE WITH SHEET C500.
10	EXISTING UTILITIES TO REMAIN UNDISTURBED AND PROTECTED DURING CONSTRUCTION.
11	EXISTING VEGETATION, SHRUB, TREE, ETC. TO BE REMOVED AND DISPOSED OF OFF SITE.
12	EXISTING STORMWATER STRUCTURES AND STORMWATER SEWER TO BE REMOVED AND DISPOSED OF OFF SITE.
13	EXISTING ELECTRICAL LINE, MANHOLE AND POLE TO BE REMOVED AND DISPOSED OF OFF SITE.
14	EXISTING ASPHALT MILL AND RESURFACE; DISPOSE OF OFF SITE. COORDINATE WITH "L" SERIES PLANS. RE-STRIPE PARKING.
15	EXISTING STORMWATER STRUCTURES TO REMAIN UNDISTURBED AND PROTECTED DURING CONSTRUCTION.
16	EXISTING VEGETATION, SHRUB, TREE, ETC TO REMAIN UNDISTURBED AND PROTECTED DURING CONSTRUCTION.
17	EXISTING DRYWELL TO BE RELOCATED AND MODIFIED. COORDINATE WITH SHEET C400.
18	EXISTING LIGHT POLE TO BE REMOVED. COORDINATE WITH "E" SERIES PLANS.

**LEGEND:**

	EXISTING PROPERTY LINE
	EXISTING RIGHT-OF-WAY LINE
	EXISTING LOT LINE
	EXISTING ADJACENT PROPERTY LINE
	EXISTING SECTION LINE
	EXISTING EASEMENT
	EXISTING INDEX CONTOUR
	EXISTING INTERMEDIATE CONTOUR
	EXISTING CHAINLINK FENCE LINE
	EXISTING BOLLARD FENCE LINE
	EXISTING FENCE LINE
	EXISTING GAURDRAIL
	EXISTING WATER LINE
	EXISTING UNDERGROUND TELEPHONE
	EXISTING UNDERGROUND ELECTRIC
	EXISTING OVERHEAD LINES
	EXISTING SANITARY SEWER LINE
	EXISTING FORCE MAIN LINE
	EXISTING COMBO SEWER LINE
	EXISTING STORM SEWER LINE
	EXISTING GAS LINE
	EXISTING TREE LINE

**LEGEND:**

	SEC. COR., IRON ROD FD., MON. SET, TBM
	*REBAR/CAP OR NAIL/WASHER STAMPED "CEC INC FIRM #0122"
	ELEC. LIGHT POLE, PULL BOX, POWER POLE, UTILITY POLE, GUY WIRE, ELEC. TRANSFORMER
	GAS VALVE, GAS METER, GAS LINE MARKER
	WATER MANHOLE, IRRIGATION CONTROL BOX, WATER TAP, WATER METER, FIRE HYDRANT, PIV VALVE, FIRE DEPT. CONNECTION, WATER VALVE
	FIBER OPTIC PULL BOX
	ELECTRIC MANHOLE, TELEPHONE PEDESTAL, CABLE PEDESTAL
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**CSO**

8831 Keystone Crossing, Indianapolis, IN 46240  
317.846.7800 | csoinc.net

**CEE**

Civil & Environmental Consultants, Inc.  
530 E. Ohio Street, Suite G - Indianapolis, IN 46204  
317.465.7777 | 877.746.0749  
www.ceecinc.com

**BARTHOLOMEW CONSOLIDATED SCHOOL CORPORATION**

**RENOVATIONS TO L. FRANCES SMITH ELEMENTARY**

4805 WAYCROSS DRIVE, COLUMBUS, IN 47203

**SCOPE DRAWINGS:**

These drawings indicate the general scope of the project in terms of professional design services. The delineation of structural, mechanical and electrical systems, and the design of the project is not necessarily inclusive or exclusive of work required for the performance and completion of the project. On the basis of the general scope indicated or described, the contractor shall furnish all items required for the proper execution and completion of the work.

**REVISIONS:**

02/12/2025 - ADDENDUM #04

ISSUE DATE	DRAWN BY	CHECKED BY
1/15/2025	MPRT	JP

DRAWING TITLE:

**DEMOLITION PLAN - SOUTH**

CERTIFIED BY:

JOHN THAM M. P.E.  
REGISTERED PROFESSIONAL ENGINEER  
No. PE12100829  
STATE OF INDIANA  
Professional Engineer  
John Tham 01/15/25

DRAWING NUMBER

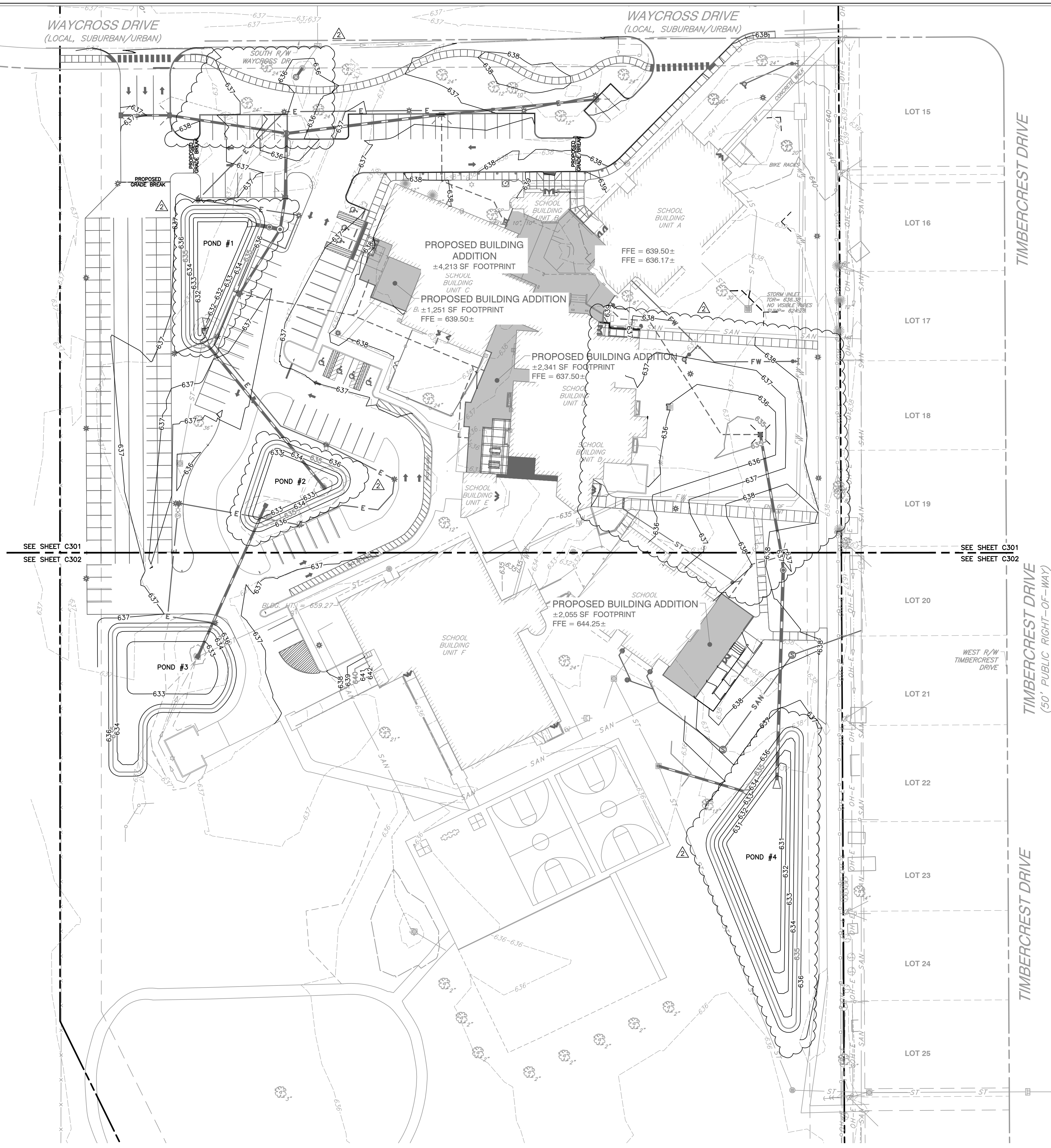
**C102**

PROJECT NUMBER

**346-935**







SEE SHEET C301  
SEE SHEET C302

SEE SHEET C301  
SEE SHEET C302

**GENERAL GRADING NOTES:**

- CONTRACTOR SHALL STRICTLY ADHERE TO THE EROSION CONTROL MEASURES PREPARED FOR THIS PROJECT.
- EARTHWORK SHALL INCLUDE CLEARING AND GRUBBING, STRIPPING AND STOCKPILING TOPSOIL, MASS GRADING, EXCAVATION, FILLING, UNDER CUT AND REPLACEMENT, IF REQUIRED, AND COMPACTION.
- CONTRACTOR TO REFILL UNDERCUT AREAS WITH SUITABLE MATERIAL AND COMPACT AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
- PLACE TOPSOIL OVER THE SUBGRADE OF UNPAVED, DISTURBED AREAS TO A DEPTH INDICATED ON THE LANDSCAPE PLANS (6" MINIMUM). PAVEMENT SLOPES ACROSS ACCESSIBLE PARKING STALLS AND ADJOINING ACCESS AISLES SHALL BE MAXIMUM 2%.
- ALL SLOPES SHALL BE 3:1 (HORIZONTAL:VERTICAL) MAXIMUM UNLESS NOTED OTHERWISE.
- ALL AREAS NOT PAVED SHALL BE STABILIZED IN ACCORDANCE WITH THE EROSION CONTROL PLAN, UNLESS NOTED OTHERWISE.
- ALL EXCESS SOIL MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFFSITE AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
- DRAINAGE SYSTEMS SHALL BE INSPECTED DURING CONSTRUCTION BY A REGISTERED PROFESSIONAL ENGINEER OR LAND SURVEYOR, WITHIN 30 DAYS AFTER COMPLETION OF ON AND OFF-SITE DRAINAGE FACILITIES. THE REGISTERED PROFESSIONAL SHALL CERTIFY IN WRITING THE COMPLIANCE OF THE DRAINAGE FACILITIES PER LOCAL REQUIREMENTS.
- CONTRACTOR SHALL PERPETUATE ALL DRAINS AND TILES ENCOUNTERED DURING CONSTRUCTION. COORDINATE WITH ENGINEER OF RECORD REGARDING THE CONNECTION TO THE PROPOSED STORM SEWER SYSTEM.
- STORM STRUCTURES RECEIVING SUB-SURFACE DRAINS (SSD) SHALL HAVE BOTH CONNECTIONS CORE DRILLED. T OR Y BLIND CONNECTIONS ARE NOT ALLOWED.
- REFER TO AND FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.

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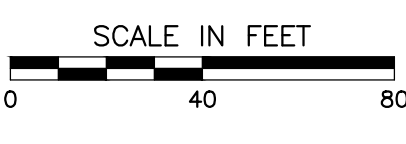
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**GRADING LEGEND:**

- 610 — PROPOSED INDEX CONTOUR
- 609 — PROPOSED INTERMEDIATE CONTOUR
- — — PROPOSED DRAINAGE SWALE
- — — PROPOSED GRADE BREAK
- — — PROPOSED STORM SEWER LINE
- — — PROPOSED UNDERDRAIN
- 610.00 — PROPOSED SPOT ELEVATION
- 610.50 — PROPOSED CURB SPOT ELEVATION; TOP OF CURB ON TOP, GUTTER ELEVATION ON BOTTOM
- 610.00 — PROPOSED SPOT ELEVATION

- ABBREVIATIONS:**
- TC = TOP OF CURB
  - BC = BOTTOM OF CURB
  - TW = TOP OF WALL
  - BW = BOTTOM OF WALL
  - TR = TOP OF RAMP
  - BR = BOTTOM OF RAMP
  - TS = TOP OF STEPS
  - BS = BOTTOM OF STEPS
  - MEG = MATCH EXISTING



**BCSC**  
TOGETHER WE LEARN

**CSO**

8831 Keystone Crossing, Indianapolis, IN 46240  
317.845.7800 | csocinc.net

**CEE**

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**BARTHOLOMEW CONSOLIDATED SCHOOL CORPORATION**  
**SCHOOL CORPORATIONS TO RENOVATIONS TO**  
**L. FRANCES SMITH ELEMENTARY**  
4805 WAYCROSS DRIVE, COLUMBUS, IN 47203

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**REVISIONS:**  
02/12/2025 - ADDENDUM #04

ISSUE DATE	DRAWN BY	CHECKED BY
1/15/2025	MPRT	JP

**DRAWING TITLE:**  
**OVERALL GRADING PLAN**

**CERTIFIED BY:**

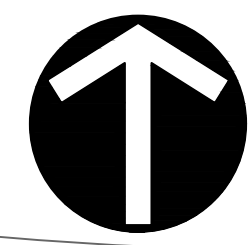
JOHN THAN M. POKRY  
REGISTERED PROFESSIONAL ENGINEER  
No. PE12100829  
STATE OF INDIANA  
01/15/25

**DRAWING NUMBER:**  
**C300**

**PROJECT NUMBER:**  
**346-935**



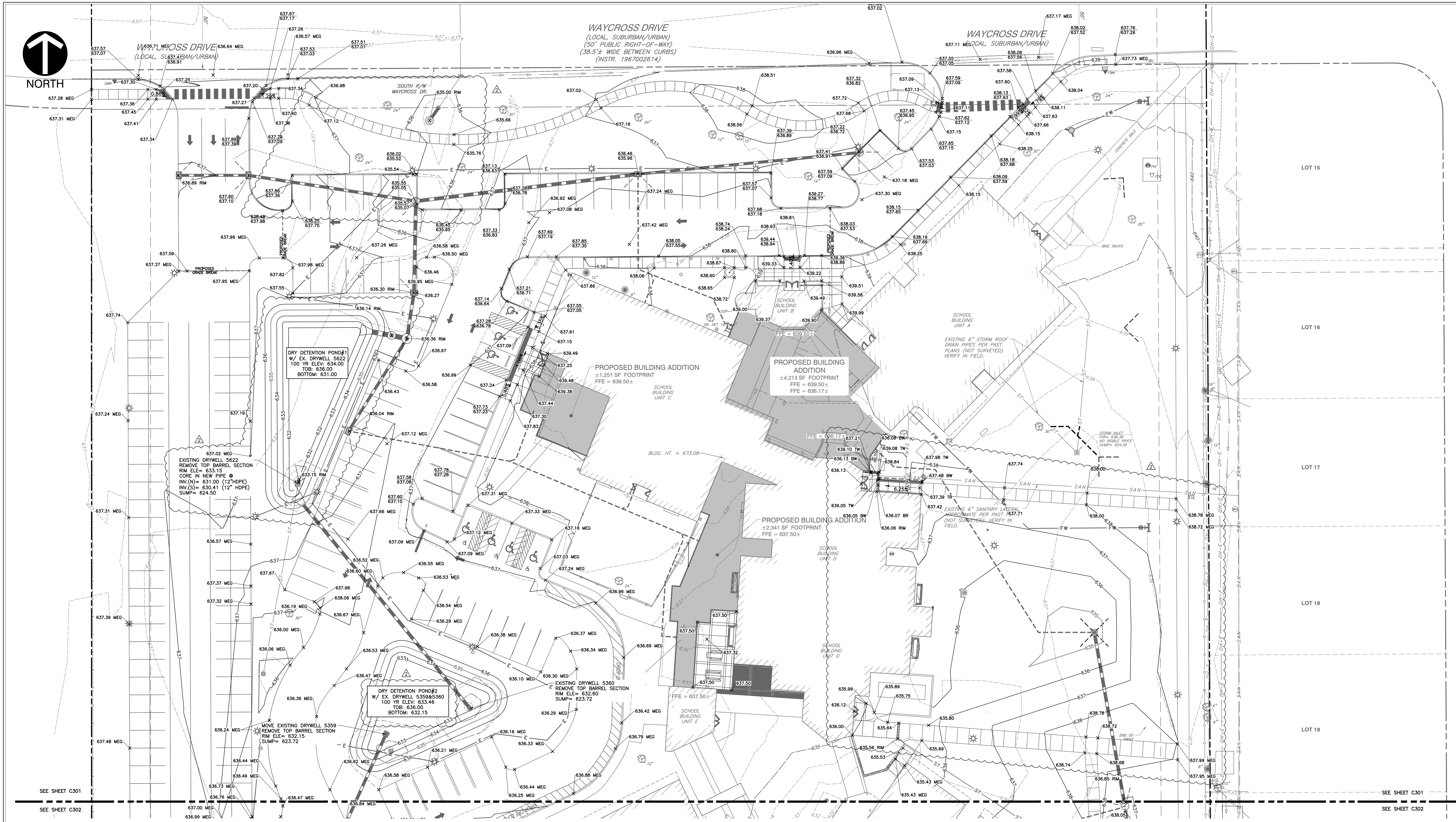




NORTH

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)  
(50' PUBLIC RIGHT-OF-WAY)  
(38.5'-6" WIDE BETWEEN CURBS)  
(INSTR. 1967002614)

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)



SEE SHEET C301

SEE SHEET C302

SEE SHEET C301

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- BM: B.S.C.O BENCHMARK #102, I.F.C. & W.R.C. BRONZE TABLET ON THE NORTHWEST CORNER OF AN 8'X5' CONCRETE STORM SEWER COVER ON THE SOUTH SIDE OF 25TH STREET AT THE EASTERN PIPELINE CROSSING. ELEV. = 638.67
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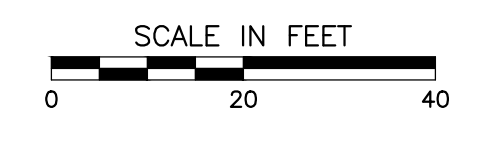
**FLOOD NOTE:**

THE PARCEL DESCRIBED AND SHOWN HEREIN LIES WITHIN ZONE "X" (UN-SHADED) AS SHAD PARCEL PLOTS ON MAP NUMBER 180050151F (DATED FEBRUARY 23, 2023) & 180050153E (DATED DECEMBER, 2014) OF THE FLOOD INSURANCE RATE MAPS FOR BARTHOLOMEW COUNTY, INDIANA. THE ACCURACY OF THIS FLOOD HAZARD STATEMENT IS SUBJECT TO MAP SCALE UNCERTAINTY AND TO ANY OTHER UNCERTAINTY IN LOCATION OR ELEVATION ON THE REFERENCED FLOOD INSURANCE RATE MAP.

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- PROPOSED SPOT ELEVATION
- PROPOSED CURB SPOT ELEVATION; TOP OF CURB ON TOP, GUTTER ELEVATION ON BOTTOM

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  - BC = BOTTOM OF CURB
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  - BW = BOTTOM OF WALL
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**BARTHOLOMEW CONSOLIDATED SCHOOL CORPORATION**  
**SCHOOL RENOVATIONS TO**  
**L. FRANCES SMITH ELEMENTARY**  
4805 WAYCROSS DRIVE, COLUMBUS, IN 47203

**SCOPE DRAWINGS:**  
These drawings indicate the general scope of the project in terms of architectural design concept. The delineation of structural, mechanical and electrical systems, and the design of the site and necessary outdoor site details shall be the responsibility of the respective disciplines and shall be the responsibility of the respective disciplines and shall be the responsibility of the respective disciplines.

**REVISIONS:**  
02/12/2025 - ADDENDUM #04

ISSUE DATE: 1/15/2025  
DRAWN BY: MPRT  
CHECKED BY: JP

DRAWING TITLE:  
**GRADING PLAN - NORTH**

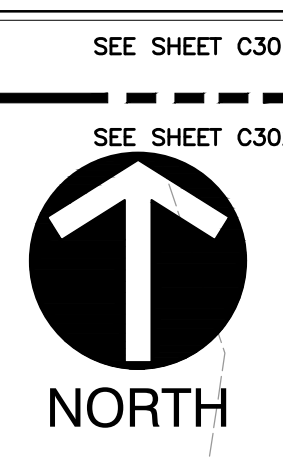
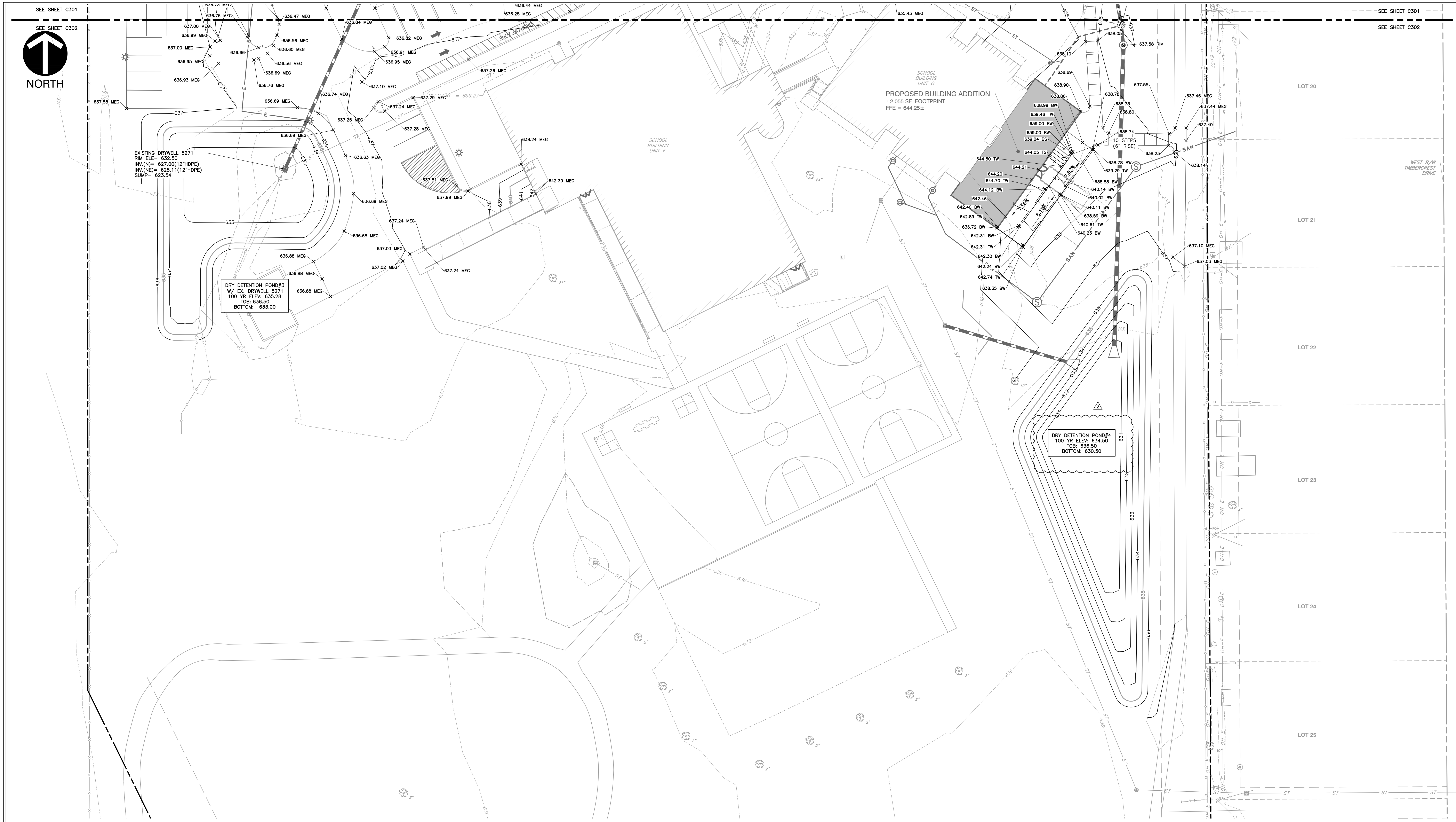
CERTIFIED BY:  
JON THAM M. P.E.  
REGISTERED PROFESSIONAL ENGINEER  
No. PE12100829  
STATE OF INDIANA  
01/15/25

DRAWING NUMBER:  
**C301**

PROJECT NUMBER:  
**346-935**







EXISTING DRYWELL 5271  
 RM ELE = 632.50  
 INV. (N) = 627.00 (12" HDPE)  
 INV. (ME) = 628.11 (12" HDPE)  
 SUMP = 623.54

DRY DETENTION POND#3  
 W/ EX. DRYWELL 5271  
 100 YR ELEV: 635.28  
 TOB: 636.50  
 BOTTOM: 633.00

DRY DETENTION POND#4  
 100 YR ELEV: 634.50  
 TOB: 636.50  
 BOTTOM: 630.50

PROPOSED BUILDING ADDITION  
 = 2,055 SF FOOTPRINT  
 FFE = 644.25±

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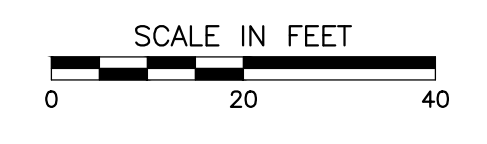
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SCSO

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**REVISIONS:**  
 02/12/2025 - ADDENDUM #04

ISSUE DATE	DRAWN BY	CHECKED BY
1/15/2025	MPRT	JP

**DRAWING TITLE:**  
**GRADING PLAN - SOUTH**

**CERTIFIED BY:**

**DRAWING NUMBER:**  
**C302**

**PROJECT NUMBER:**  
**346-935**



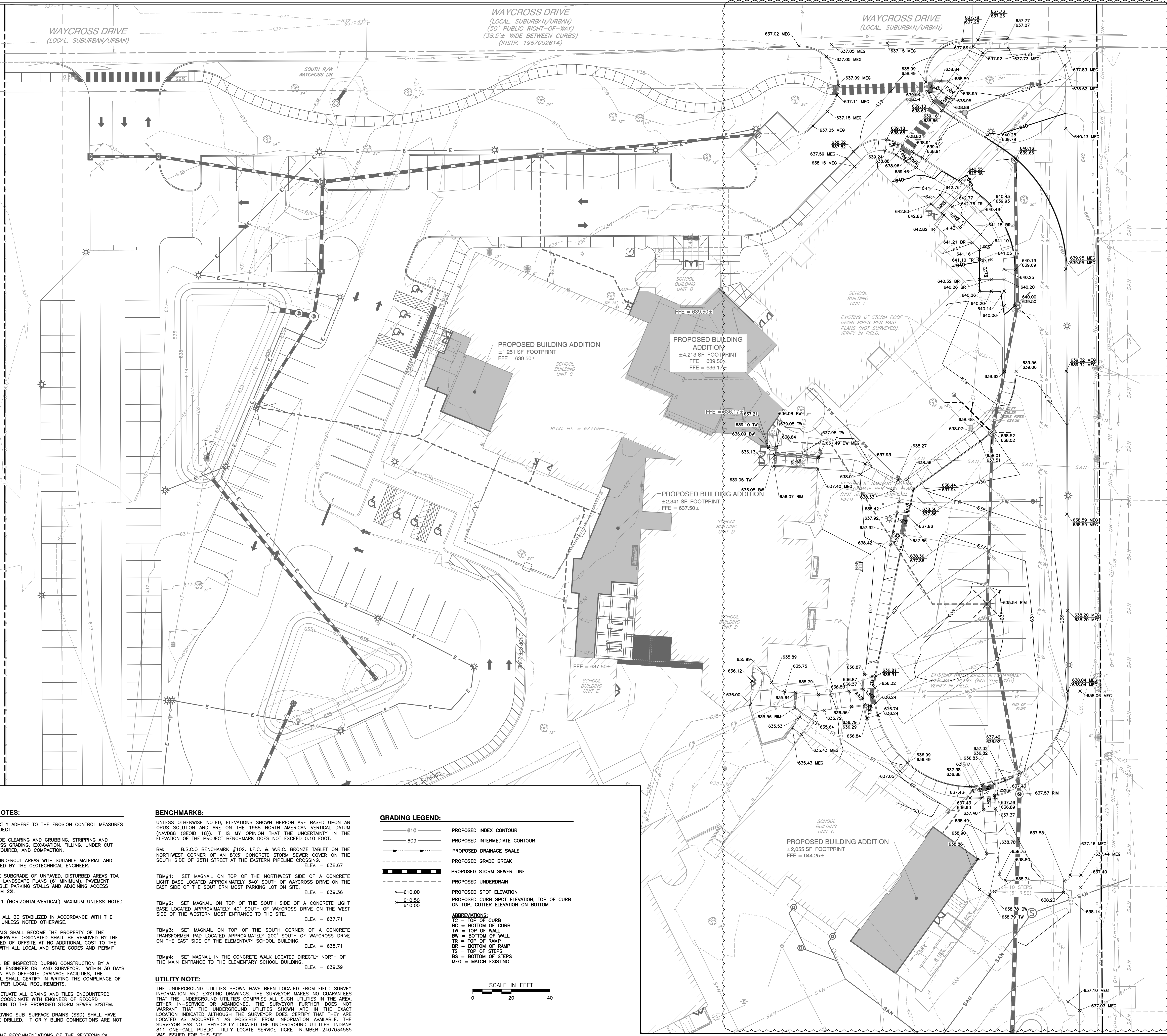


NORTH

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)  
(50' PUBLIC RIGHT-OF-WAY)  
(38.5'± WIDE BETWEEN CURBS)  
(INSTR. 1967002614)

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)



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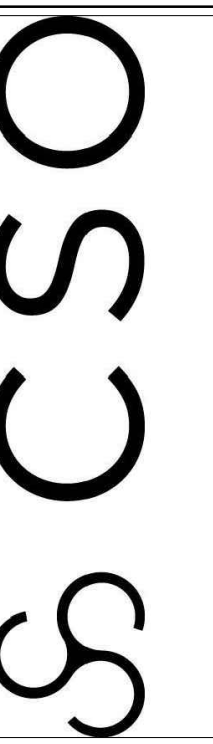
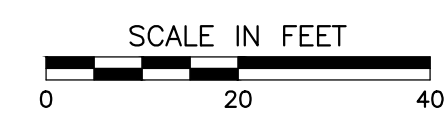
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**REVISIONS:**  
02/12/2025 - ADDENDUM #04

ISSUE DATE	DRAWN BY	CHECKED BY
1/15/2025	MPRT	JP

**DRAWING TITLE:**  
**GRADING PLAN - EAST ALTERNATE**



**DRAWING NUMBER**  
**C303**

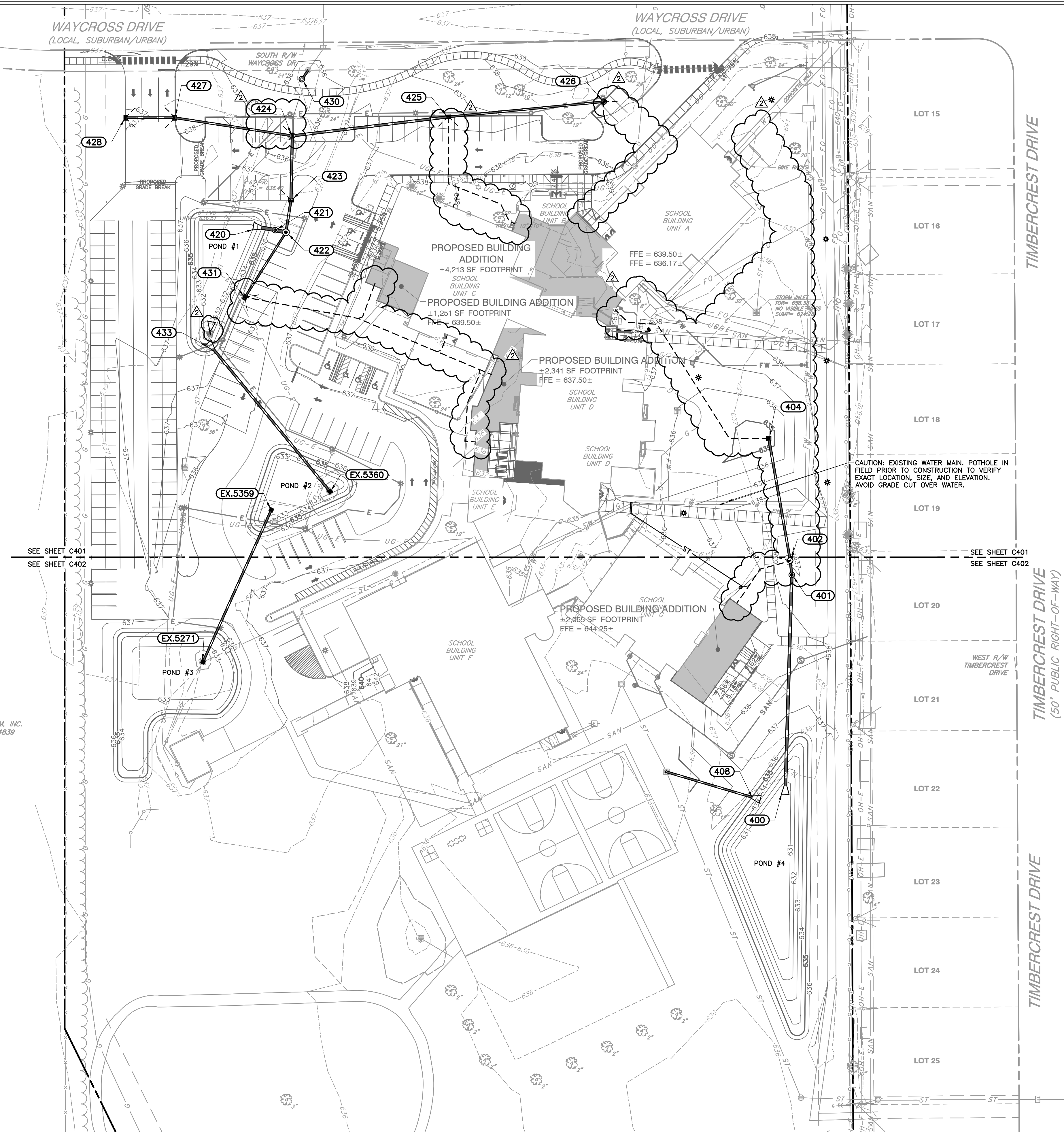
**PROJECT NUMBER**  
**346-935**







NORTH



SEE SHEET C401  
SEE SHEET C402

SEE SHEET C401  
SEE SHEET C402

ADJOINER  
WILLIAM MARR FARM, INC.  
INSTR. #19870049.39

Structure Name	RIM E.	INVERT IN	INVERT OUT	REMARKS
EX.5359	632.15		EX.5359 = 629.00	RELOCATE EXISTING DRYWELL 5359
EX.5360	632.60	EX.5360 = 629.50		CONNECT TO EXISTING DRYWELL 5360
EX.5271	633.00	EX.5359 = 627.00		CONNECT TO EXISTING DRYWELL 5271
400	632.29	401 = 630.50		CONCRETE END SECTION
401	637.57	402 = 631.06	401 = 630.96	AQUASIRIL XC-2 UNIT NEENAH R-1772
402	636.92	404 = 631.19	402 = 631.09	TYPE C MANHOLE NEENAH R-3287-10V
404	634.44	405 = 631.56	404 = 631.46	TYPE M INLET NEENAH R-3459-C
408	636.50		408 = 635.25	CONCRETE END SECTION
409	631.73	408 = 630.50		Null Structure
420	634.24	421 = 632.00		CONCRETE END SECTION
421	636.44	422 = 632.01	421 = 632.01	AQUASIRIL XC-2 UNIT NEENAH R-1772
422	636.51	431 = 632.12	422 = 632.02	TYPE C MANHOLE NEENAH R-1772
423	636.30	424 = 632.29	423 = 632.19	TYPE M INLET NEENAH R-3287-10V
424	635.10	427 = 632.24	424 = 632.44	TYPE C MANHOLE NEENAH R-3287-10V
425	636.00	426 = 632.92	425 = 632.82	TYPE M INLET NEENAH R-3287-5B10
426	636.08		426 = 633.22	TYPE C MANHOLE NEENAH R-3287-5B10
427	637.10	428 = 632.92	427 = 632.82	TYPE M INLET NEENAH R-3287-10V
428	636.89		428 = 633.02	TYPE J INLET NEENAH R-3287-10V
430	635.00	430 = 631.80		4" DRY WELL & STONE NEENAH R4372
431	636.30		431 = 632.31	TYPE J INLET NEENAH R-3287-5B10
433	634.19		EX.5360 = 632.75	CONCRETE END SECTION
440	632.19	440 = 631.00		CONCRETE END SECTION

Pipe Name	Size (in)	Length (ft)	Slope	MATERIAL
EX.5359	12	120.5	1.66%	HDPE
EX.5360	15	132.9	2.44%	HDPE
401	18	152.5	0.30%	HDPE
402	15	10.5	0.30%	HDPE
404	15	89.5	0.30%	HDPE
420	12	64.5	7.26%	HDPE
421	24	9.9	0.11%	HDPE
422	24	7.9	0.11%	HDPE
423	15	23.6	0.30%	HDPE
424	15	46.5	0.33%	CLASS V RCP
425	15	113.6	0.25%	CLASS V RCP
426	12	113.0	0.26%	HDPE
427	12	86.1	0.33%	CLASS V RCP
428	12	35.3	0.26%	HDPE
430	12	8.0	2.06%	HDPE
431	12	55.5	0.35%	HDPE
440	12	3.0	0.00%	HDPE

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**BENCHMARKS:**

UNLESS OTHERWISE NOTED, ELEVATIONS SHOWN HEREON ARE BASED UPON AN OPUS SOLUTION AND ARE ON THE 1988 NORTH AMERICAN VERTICAL DATUM (NAVD83 (GEOID 183)). IT IS MY OPINION THAT THE UNCERTAINTY IN THE ELEVATION OF THE PROJECT BENCHMARK DOES NOT EXCEED 0.10 FOOT.

BM: B.S.C.O BENCHMARK #102, L.F.C. & W.R.C. BRONZE TABLET ON THE NORTHWEST CORNER OF AN 8'x5' CONCRETE STORM SEWER COVER ON THE SOUTH SIDE OF 25TH STREET AT THE EASTERN PIPELINE CROSSING. ELEV. = 638.67

TBM#1: SET MAGNAIL ON TOP OF THE NORTHWEST SIDE OF A CONCRETE LIGHT BASE LOCATED APPROXIMATELY 340' SOUTH OF WAYCROSS DRIVE ON THE EAST SIDE OF THE SOUTHERN MOST PARKING LOT ON SITE. ELEV. = 639.36

TBM#2: SET MAGNAIL ON TOP OF THE SOUTH SIDE OF A CONCRETE LIGHT BASE LOCATED APPROXIMATELY 40' SOUTH OF WAYCROSS DRIVE ON THE WEST SIDE OF THE WESTERN MOST ENTRANCE TO THE SITE. ELEV. = 637.71

TBM#3: SET MAGNAIL ON TOP OF THE SOUTH CORNER OF A CONCRETE TRANSFORMER PAD LOCATED APPROXIMATELY 200' SOUTH OF WAYCROSS DRIVE ON THE EAST SIDE OF THE ELEMENTARY SCHOOL BUILDING. ELEV. = 638.71

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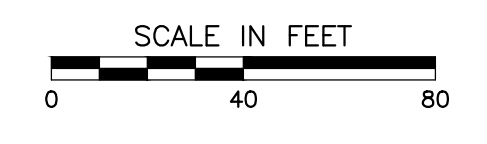
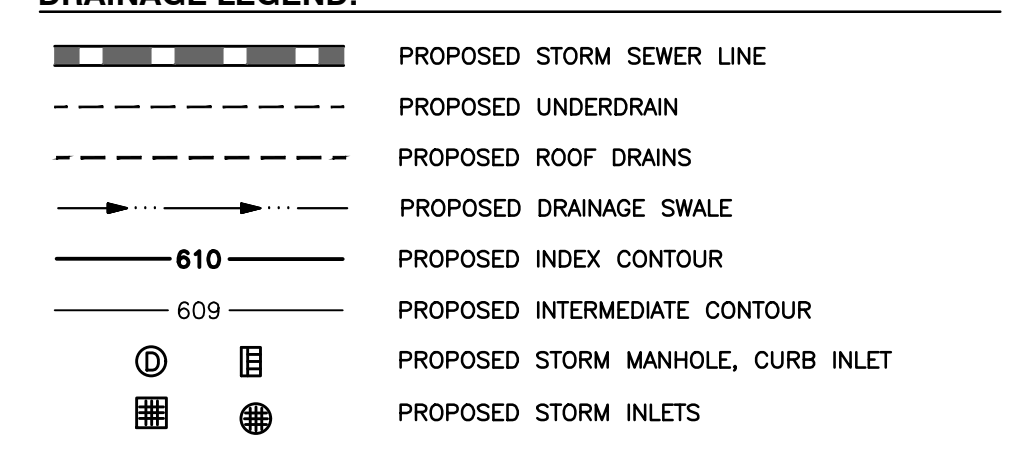
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**DRAINAGE LEGEND:**



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**CSO**

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317.846.7800 | csoinc.net

**CEE**  
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530 E. Ohio Street, Suite G - Indianapolis, IN 46204  
317.465.7777 | 877.746.0749  
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PROJECT:  
**BARTHOLOMEW CONSOLIDATED SCHOOL CORPORATION**  
SCHOOL CORPORATIONS TO RENOVATIONS TO  
**L. FRANCES SMITH ELEMENTARY**  
4805 WAYCROSS DRIVE, COLUMBUS, IN 47203

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REVISIONS:  
02/12/2025 - ADDENDUM #04

ISSUE DATE: 1/15/2025  
DRAWN BY: MPRT  
CHECKED BY: JP

DRAWING TITLE:  
**OVERALL DRAINAGE PLAN**

CERTIFIED BY:  
JON THAM M. P.E.  
REGISTERED PROFESSIONAL ENGINEER  
No. PE12100829  
STATE OF INDIANA  
01/15/25

DRAWING NUMBER:  
**C400**

PROJECT NUMBER:  
**346-935**





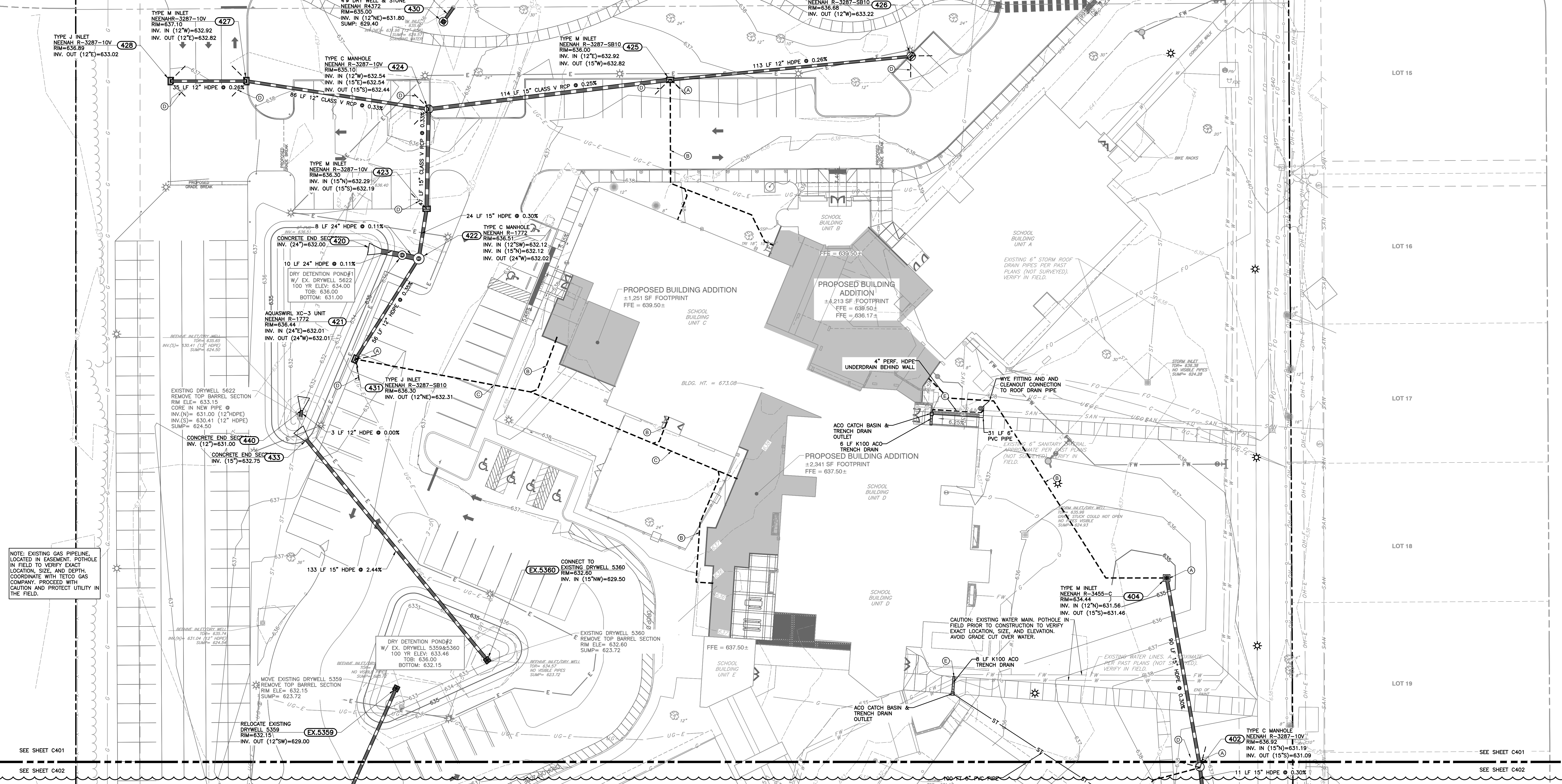


NORTH

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)  
(50' PUBLIC RIGHT-OF-WAY)  
(38.5' ± WIDE BETWEEN CURBS)  
(INSTR. 1967002614)

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)



NOTE: EXISTING GAS PIPELINE, LOCATED IN EASEMENT, POTHOLE IN FIELD TO VERIFY EXACT LOCATION, SIZE, AND DEPTH, COORDINATE WITH TETCO GAS COMPANY. PROCEED WITH CAUTION AND PROTECT UTILITY IN THE FIELD.

SEE SHEET C401  
SEE SHEET C402  
SEE SHEET C401  
SEE SHEET C402

- KEY NOTES:**
- (A) CONNECT ROOF DRAIN TO PROPOSED STRUCTURE.
  - (B) 6" PVC ROOF DRAIN.
  - (C) 8" PVC ROOF DRAIN.
  - (D) TYPICAL 4" PARKING LOT PAVEMENT UNDERDRAIN; EXTEND 20 LF BEYOND STRUCTURE; CAP ENDS. SEE DETAIL 505 ON SHEET C801.
  - (E) K200 ACO TRENCH DRAIN. SEE DETAIL 506 ON SHEET 801.

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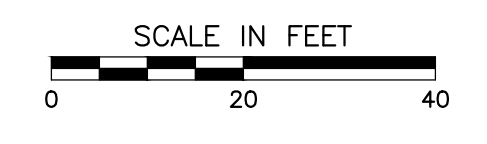
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  - - - PROPOSED UNDERDRAIN
  - PROPOSED ROOF DRAINS
  - PROPOSED DRAINAGE SWALE
  - 610 PROPOSED INDEX CONTOUR
  - 609 PROPOSED INTERMEDIATE CONTOUR
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PROJECT:  
**BARTHOLOMEW CONSOLIDATED SCHOOL CORPORATION**  
RENOVATIONS TO  
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REVISIONS:  
02/12/2025 - ADDENDUM #04

ISSUE DATE	DRAWN BY	CHECKED BY
1/15/2025	MPRT	JP

DRAWING TITLE:  
**DRAINAGE PLAN - NORTH**

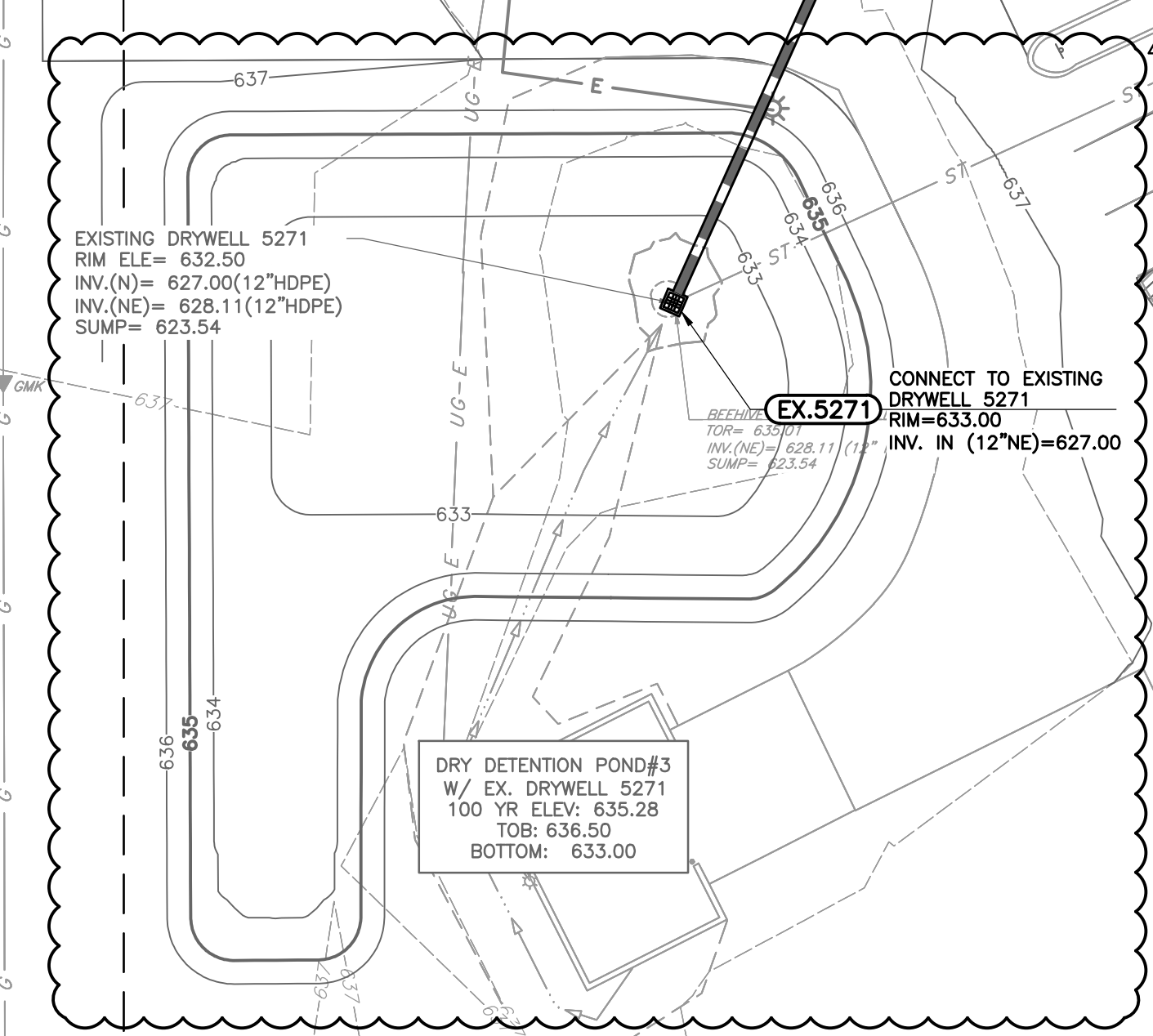
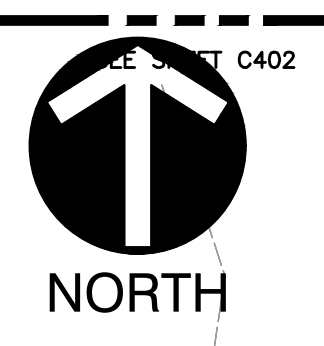
CERTIFIED BY:  
**JON THAM M. P.E., R.S.**  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF INDIANA  
01/15/25

DRAWING NUMBER:  
**C401**

PROJECT NUMBER:  
**346-935**



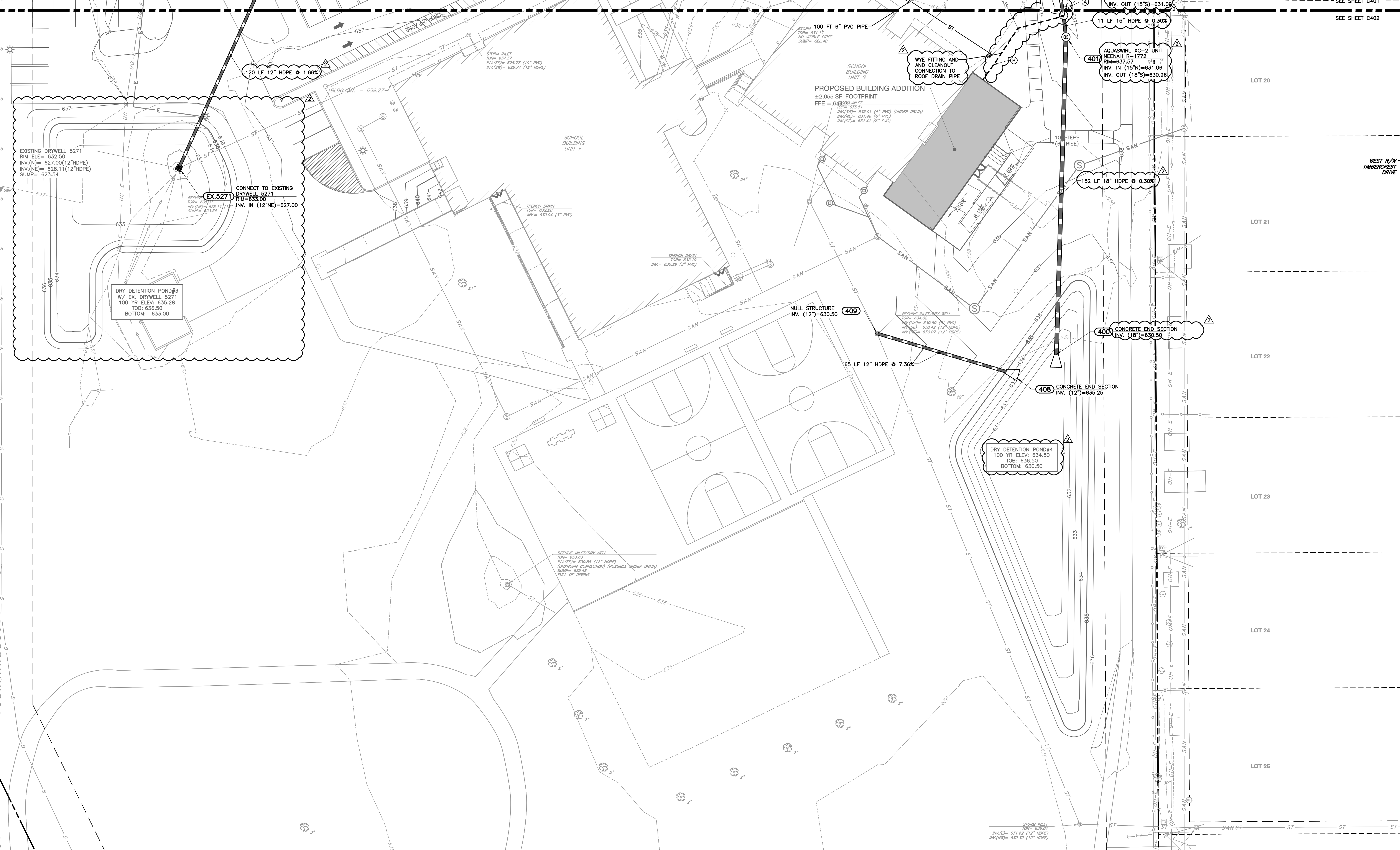




EXISTING DRYWELL 5271  
RIM ELEV= 632.50  
INV.(N)= 627.00(12"HDPE)  
INV.(NE)= 628.11(12"HDPE)  
SUMP= 623.54

CONNECT TO EXISTING  
DRYWELL 5271  
RIM=633.00  
INV. IN (12"NE)=627.00

DRY DETENTION POND#3  
100 YR ELEV: 636.50  
TOB: 636.50  
BOTTOM: 633.00



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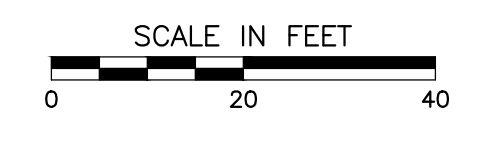
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**SCOPE DRAWINGS:**

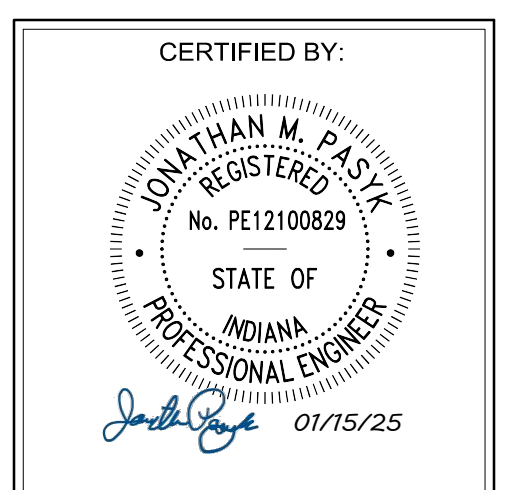
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**REVISIONS:**

02/12/2025 - ADDENDUM #04

ISSUE DATE	DRAWN BY	CHECKED BY
1/15/2025	MPRT	JP

DRAWING TITLE:  
**DRAINAGE PLAN - SOUTH**

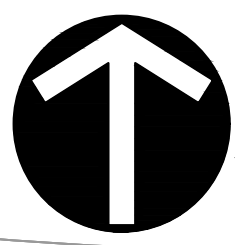


DRAWING NUMBER  
**C402**

PROJECT NUMBER  
**346-935**





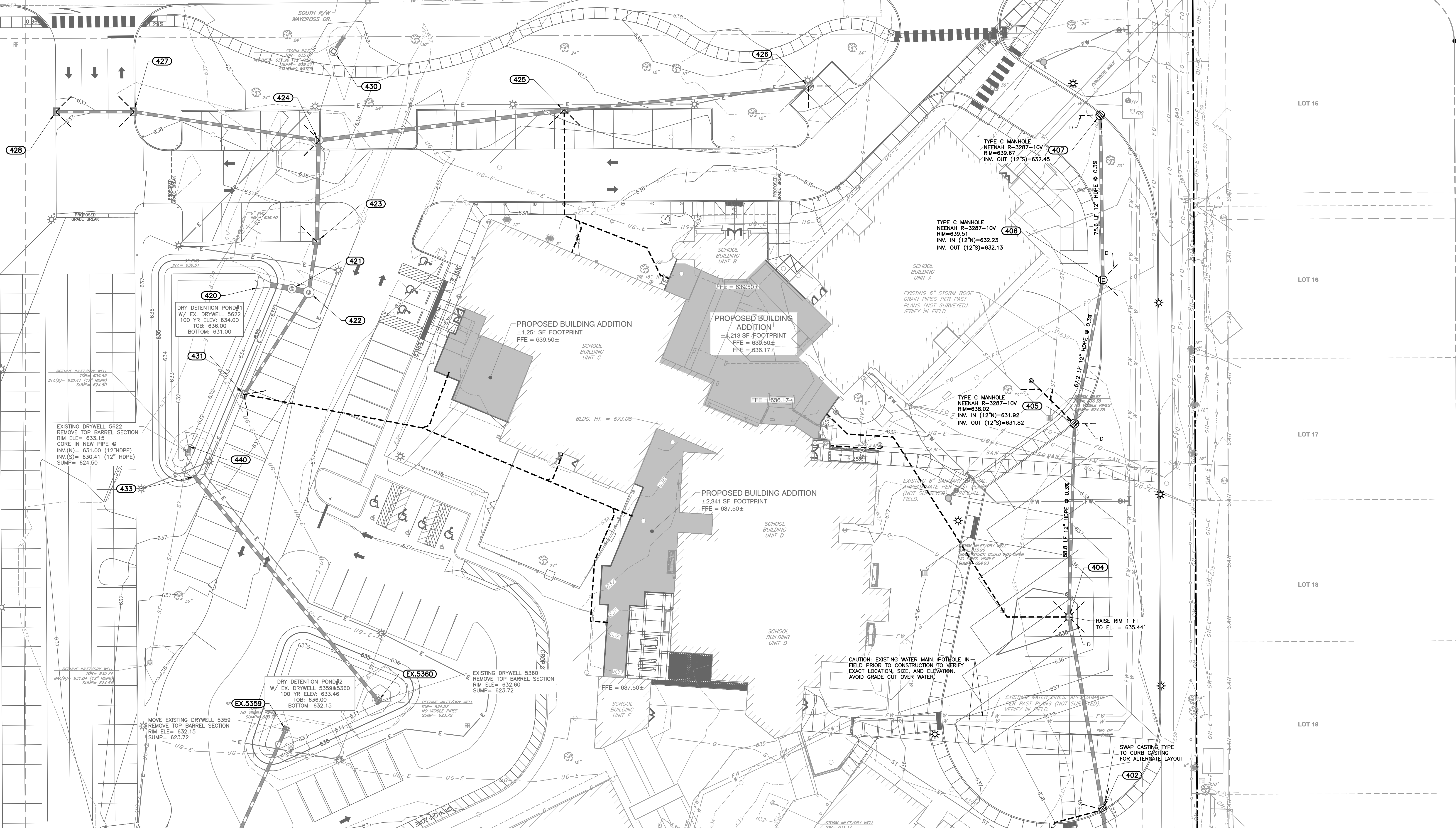


NORTH

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)  
(30' PUBLIC RIGHT-OF-WAY)  
(38.5' ± WIDE BETWEEN CURBS)  
(INSTR. 1967002614)

WAYCROSS DRIVE  
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**UTILITY NOTE:**

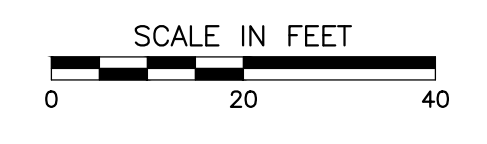
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**FLOOD NOTE:**

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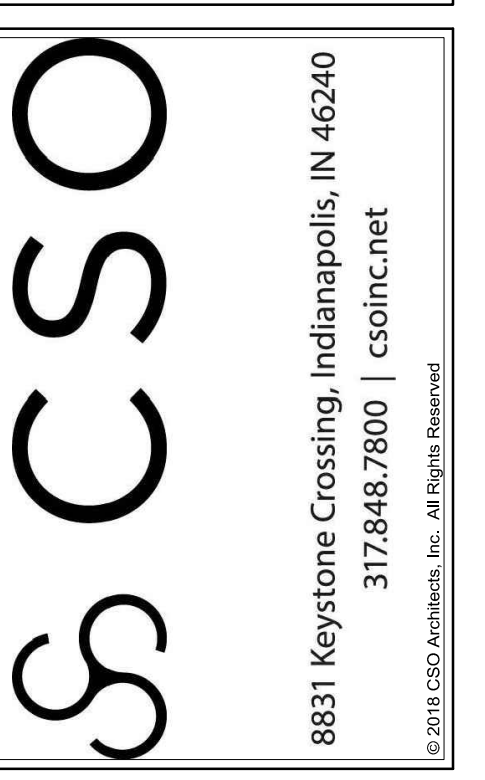
**DRAINAGE LEGEND:**

- PROPOSED STORM SEWER LINE
- PROPOSED UNDERDRAIN
- PROPOSED ROOF DRAINS
- PROPOSED DRAINAGE SWALE
- PROPOSED INDEX CONTOUR
- PROPOSED INTERMEDIATE CONTOUR
- PROPOSED STORM MANHOLE, CURB INLET
- PROPOSED STORM INLETS



Structure Table			
Structure Name	RIM E.	INVERT IN	INVERT OUT
405	638.02	406 = 631.92	405 = 631.82
406	639.51	407 = 632.23	406 = 632.13
407	639.67		407 = 632.45

Pipe Table				
Pipe Name	Size (in)	Length (ft)	Slope	MATERIAL
405	12	88.8	0.30%	HDPE
406	12	67.2	0.30%	HDPE
407	12	75.6	0.30%	HDPE



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530 E. Ohio Street, Suite G - Indianapolis, IN 46204  
317-465-7777 / 617-746-0749  
www.cecon.com

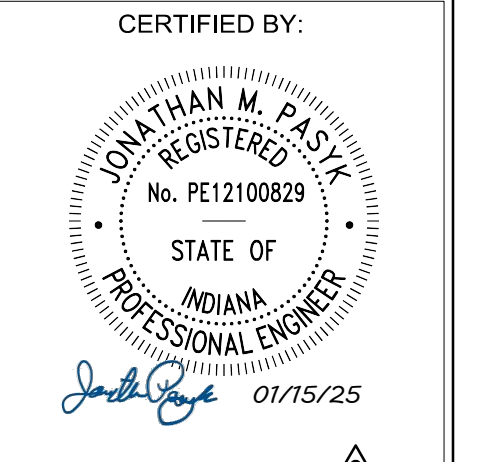
**BARTHOLOMEW CONSOLIDATED SCHOOL CORPORATION**  
RENOVATIONS TO  
**L. FRANCES SMITH ELEMENTARY**  
4505 WAYCROSS DRIVE, COLUMBUS, IN 47203

**SCOPE DRAWINGS:**  
These drawings indicate the general scope of the project in terms of architectural design concept. The responsibility of structural, mechanical and electrical systems. The design of the project is not necessarily inclusive of all work required for the performance and completion of the project. On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper installation and completion of the work.

**REVISIONS:**  
02/12/2025 - ADDENDUM #04

ISSUE DATE: 1/15/2025  
DRAWN BY: MPRT  
CHECKED BY: JP

DRAWING TITLE:  
**DRAINAGE PLAN - EAST ALTERNATE**

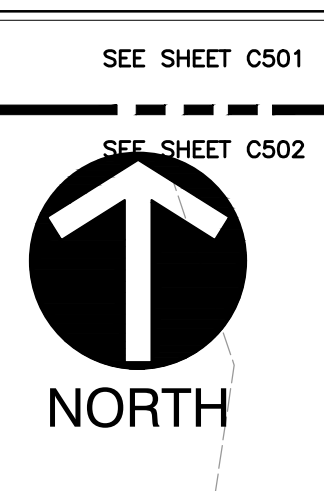
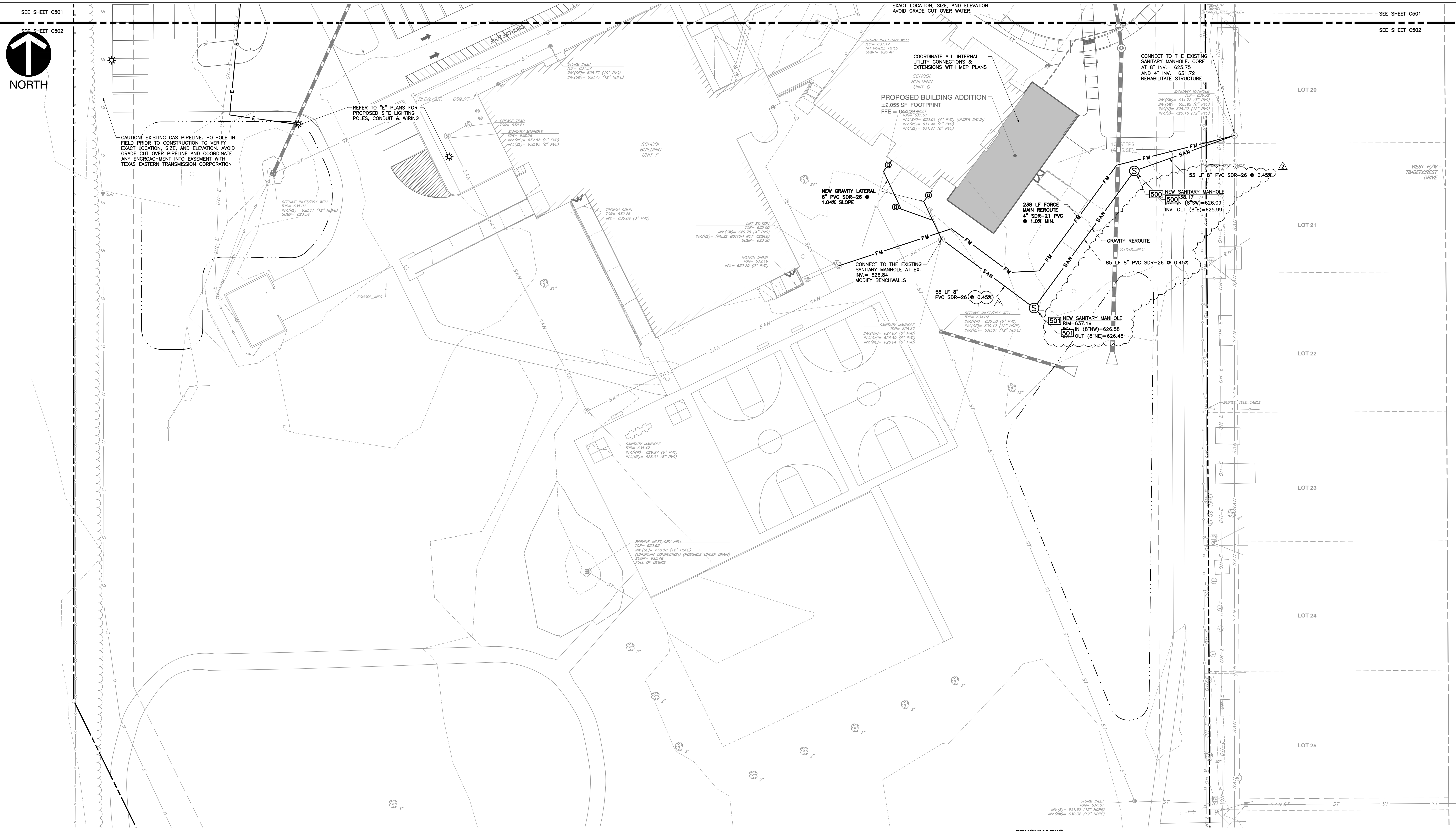


DRAWING NUMBER:  
**C403**

PROJECT NUMBER:  
**346-935**







SEE SHEET C501

SEE SHEET C502

SEE SHEET C501

SEE SHEET C502

- THE UTILITIES INDICATED ON THESE PLANS AND ON THE SURVEY MAY NOT BE A COMPLETE INVENTORY OF ALL THE EXISTING UTILITIES PRESENT ON AND AROUND THE SITE. THE LOCATION AND SIZE OF THESE UTILITIES MAY BE APPROXIMATE. THE ENGINEER SHALL NOT BE HELD LIABLE FOR ANY INACCURATE UTILITY INFORMATION INDICATED, IMPLIED, OR NOT INDICATED ON THESE PLANS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE INDICATED IN THE DRAWINGS. ANY PIPING, WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNLIE INTERRUPTION OF SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR, AT HIS EXPENSE WITH THE PERMISSION OF THE OWNER.
- BEFORE WORKING WITH OR AROUND EXISTING UTILITIES, THE APPLICABLE UTILITY COMPANY SHALL BE CONTACTED BY THE CONTRACTOR.
- WHEN CONNECTIONS ARE TO BE MADE TO EXISTING PIPING AND STRUCTURES OR WHERE CONSTRUCTION IS IN THE VICINITY OF EXISTING PIPING THE LOCATION AND ELEVATION OF THE EXISTING PIPING SHALL BE FIELD VERIFIED AND NOTIFICATION GIVEN TO THE OWNER IF THE EXISTING PIPING IS FOUND TO BE DIFFERENT THAN THAT SHOWN ON THE DRAWINGS.
- FOR CLARITY OF THESE DRAWINGS, PIPES MAY NOT BE DRAWN TO SCALE OR EXACTLY LOCATED.
- ALL NEW WATER LINES SHALL HAVE A MINIMUM OF 54 INCHES OF COVER.
- MINIMUM OF 18 INCHES OF VERTICAL CLEARANCE SHALL BE PROVIDED BETWEEN NEW WATER AND SANITARY SEWER LINES. IF 18 INCHES OF CLEARANCE IS NOT PROVIDED THEN THE SEWER MUST BE CONSTRUCTED WITH WATER WORKS GRADE DUCTILE IRON PIPE WITH MECHANICAL JOINTS WITHIN TEN FEET OF THE WATER LINE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR OR CONTRACTORS TO OBTAIN ALL FEDERAL, STATE, COUNTY, CITY OR LOCAL PERMITS FOR ANY AND ALL WORK REQUIRED UNLESS OTHERWISE NOTED. THE CONTRACTOR OR CONTRACTORS ARE RESPONSIBLE TO PAY FOR ALL REQUIRED PERMITS BY ANY OR ALL AGENCIES MENTIONED ABOVE UNLESS OTHERWISE NOTED IN THE CONTRACT OR SPECIFICATIONS. ALL ASSOCIATED BONDING REQUIREMENTS AND COSTS ARE INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS AND ELEVATIONS DURING THE ENTIRE CONSTRUCTION SCHEDULE. IF ANY DISCREPANCIES ARE FOUND IN THESE ENGINEERING PLANS FROM ACTUAL FIELD DIMENSIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
- ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF THE FEDERAL, STATE, COUNTY, CITY OR LOCAL REQUIREMENTS, WHICHEVER HAS JURISDICTION.
- CONTRACTOR IS RESPONSIBLE FOR ELECTRIC, TELEPHONE, AND CABLE CONDUITS AND TRENCHING. COORDINATE WITH THE LOCAL UTILITY PROVIDERS AND MECHANICAL, ELECTRICAL AND PLUMBING PLANS FOR SIZES AND QUANTITIES.

**BENCHMARKS:**  
UNLESS OTHERWISE NOTED, ELEVATIONS SHOWN HEREON ARE BASED UPON AN OPUS SOLUTION AND ARE ON THE 1988 NORTH AMERICAN VERTICAL DATUM (NAVD88 (GEOID 18)). IT IS MY OPINION THAT THE UNCERTAINTY IN THE ELEVATION OF THE PROJECT BENCHMARK DOES NOT EXCEED 0.10 FOOT.

BM: B.S.C.O BENCHMARK #102, I.F.C. & W.R.C. BRONZE TABLET ON THE NORTHWEST CORNER OF AN 8'X5' CONCRETE STORM SEWER COVER ON THE SOUTH SIDE OF 25TH STREET AT THE EASTERN PIPELINE CROSSING. ELEV. = 638.67

BM#1: SET MAGNOL ON TOP OF THE NORTHWEST SIDE OF A CONCRETE LIGHT BASE LOCATED APPROXIMATELY 340' SOUTH OF WAYCROSS DRIVE ON THE EAST SIDE OF THE SOUTHERN MOST PARKING LOT ON SITE. ELEV. = 639.36

BM#2: SET MAGNOL ON TOP OF THE SOUTH SIDE OF A CONCRETE LIGHT BASE LOCATED APPROXIMATELY 40' SOUTH OF WAYCROSS DRIVE ON THE WEST SIDE OF THE WESTERN MOST ENTRANCE TO THE SITE. ELEV. = 637.71

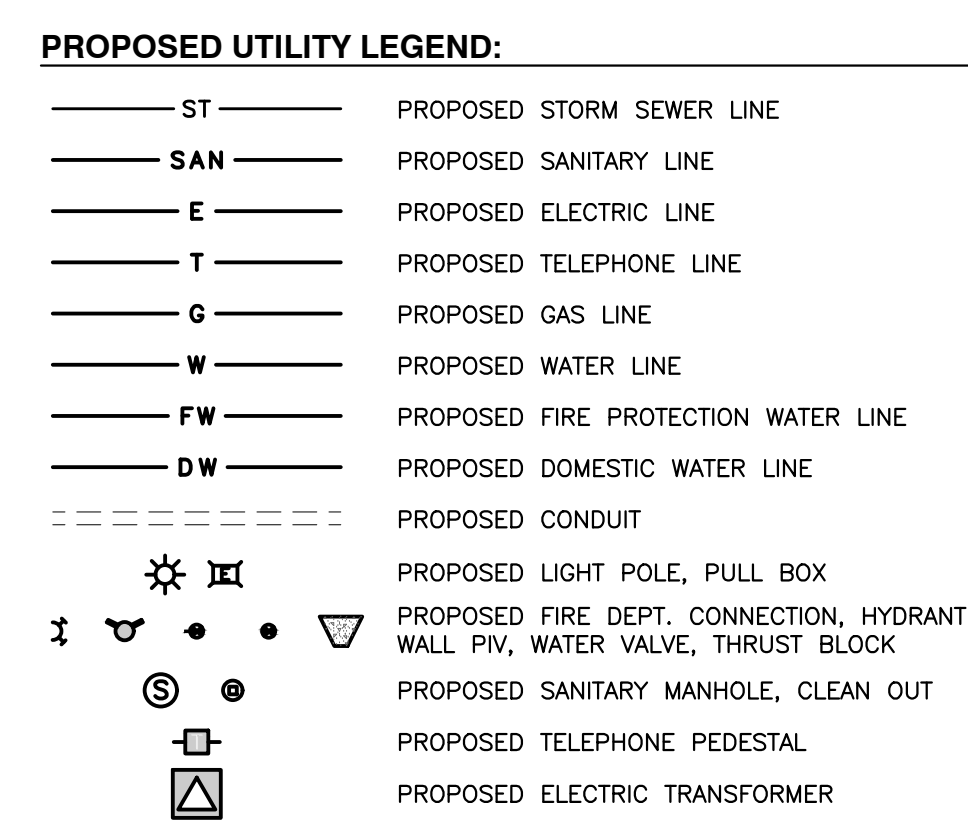
BM#3: SET MAGNOL ON TOP OF THE SOUTH CORNER OF A CONCRETE TRANSFORMER PAD LOCATED APPROXIMATELY 200' SOUTH OF WAYCROSS DRIVE ON THE EAST SIDE OF THE ELEMENTARY SCHOOL BUILDING. ELEV. = 638.71

BM#4: SET MAGNOL IN THE CONCRETE WALK LOCATED DIRECTLY NORTH OF THE MAIN ENTRANCE TO THE ELEMENTARY SCHOOL BUILDING. ELEV. = 639.39

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**CSO**  
8831 Keystone Crossing, Indianapolis, IN 46240  
317.846.7800 | csoinc.net

**EEI**  
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317-465-7777 | 877-746-0749  
www.eeiinc.com

**BARTHOLOMEW CONSOLIDATED SCHOOL CORPORATION**  
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**REVISIONS:**  
02/12/2025 - ADDENDUM #04

ISSUE DATE	DRAWN BY	CHECKED BY
1/15/2025	MPRT	JP

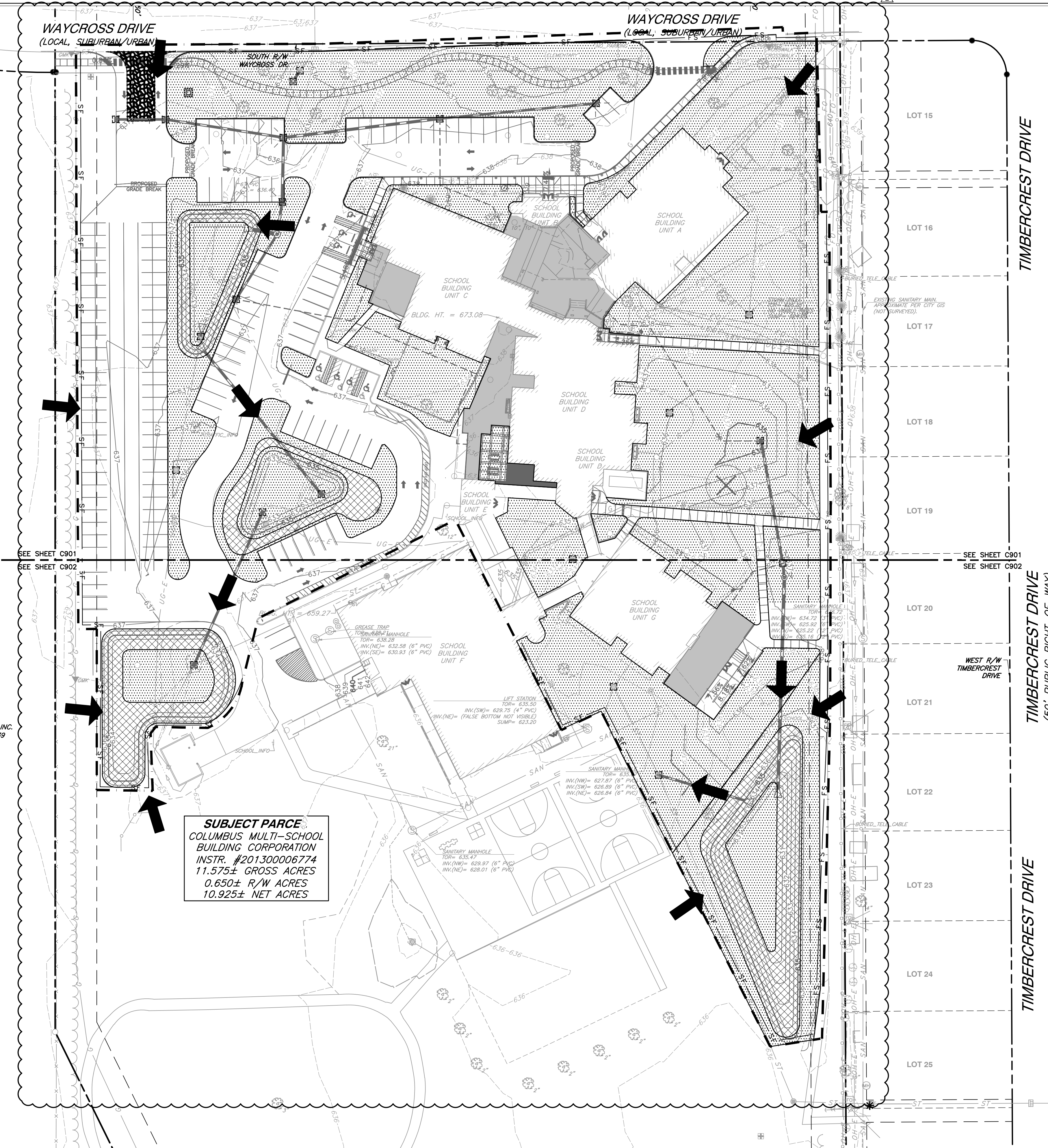
DRAWING TITLE:  
**UTILITY PLAN - SOUTH**

CERTIFIED BY:  
**JOHN THAM M. P.E., REGISTERED PROFESSIONAL ENGINEER**  
No. PE12100829  
STATE OF INDIANA  
01/15/25

DRAWING NUMBER  
**C502**

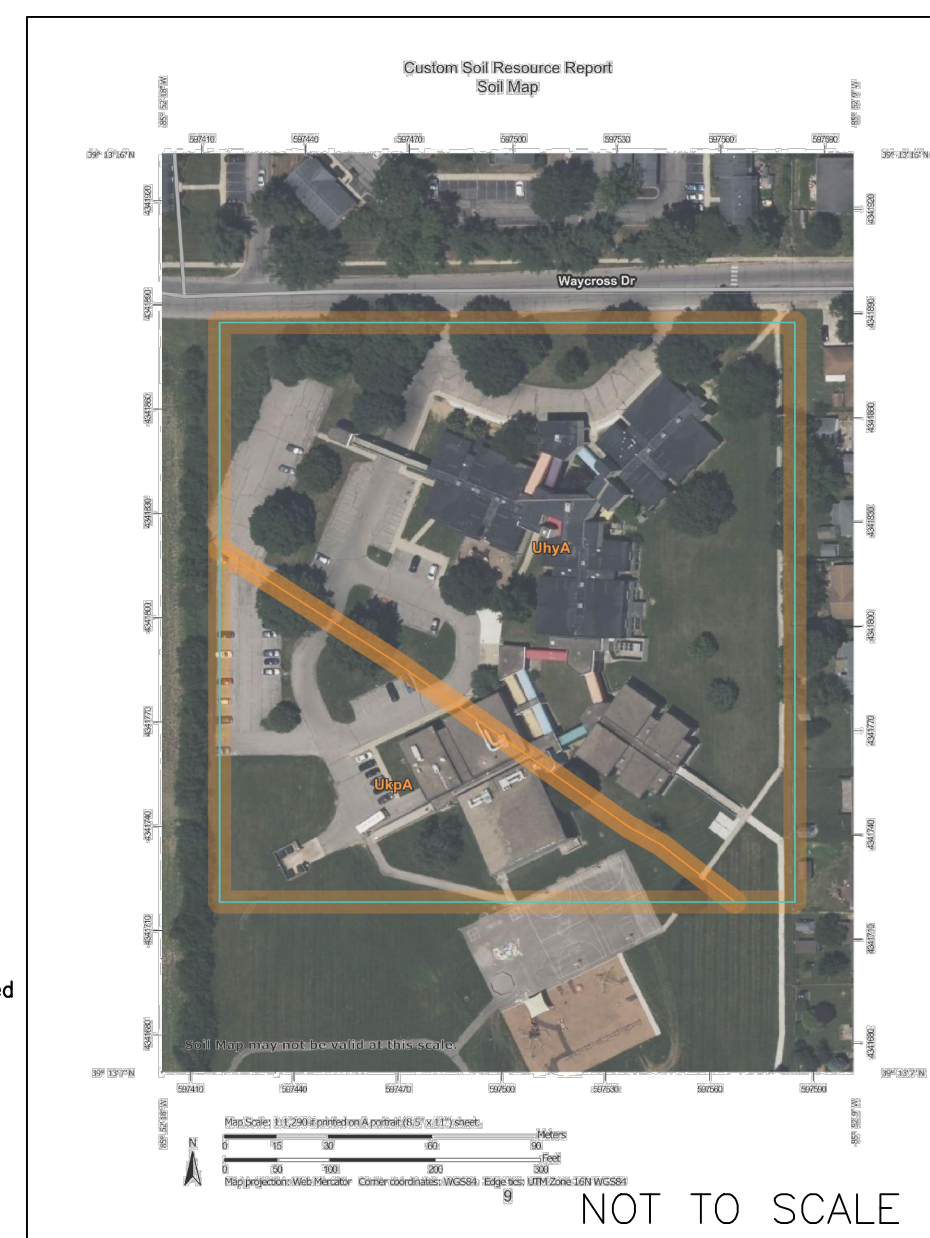
PROJECT NUMBER  
**346-935**





ADJOINER  
WILLIAM MARR FARM, INC.  
INSTR. #1987004839

**SUBJECT PARCELS**  
COLUMBUS MULTI-SCHOOL  
BUILDING CORPORATION  
INSTR. #201300006774  
11.575± GROSS ACRES  
0.650± R/W ACRES  
10.925± NET ACRES



**SOIL MAP**  
SOIL MAPS FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE

**SOIL LEGEND**  
UhyA - Urban land-Martinsville, sandy substratum complex, 0 to 2 Percent Slopes, Well drained  
UhyB - Urban land-Oakley complex, 0 to 2 Percent Slopes; Well drained

\* IF CONSTRUCTION IS TAKING PLACE DURING WET SEASON, SOILS MAY REQUIRE LIME STABILIZATION

**NOTE:**  
NO EARTH DISTURBING ACTIVITY MAY COMMENCE WITHOUT AN APPROVED STORMWATER MANAGEMENT PERMIT.

**BENCHMARKS:**

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**GENERAL EROSION CONTROL NOTES**

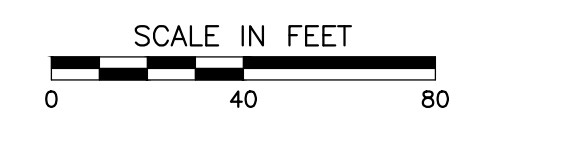
- CONTRACTOR SHALL INSTALL ALL REQUIRED SILT FENCES, SILT TRAPS, TREE PROTECTION AND INLET PROTECTION FOR EXISTING INLETS PRIOR TO THE START OF ANY EARTH MOVING OR STRIPPING.
- CONTRACTOR SHALL INSTALL A STONE CONSTRUCTION ENTRANCE OR SOME OTHER DEVICE PRIOR TO THE START OF EARTHWORK AS NECESSARY TO PREVENT SOIL FROM BEING TRACKED OR WASHED INTO EXISTING ROADWAYS.
- LAND ALTERATIONS WHICH STRIP THE LAND OF VEGETATION, INCLUDING REGRADING, SHALL BE DONE IN A WAY THAT WILL MINIMIZE EROSION. WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED. AS GRADING ZONE, INSTALL SILT TRAPS, SILT FENCES, SLOPE DRAINS, TEMPORARY DIVERSIONS AND OTHER RUNOFF CONTROL MEASURES AT APPROPRIATE LOCATIONS TO KEEP SEDIMENT CONTAINED ON SITE.
- ALL DISTURBED AREAS SHALL BE SEEDED AND STRAW MULCHED AS SHOWN ON THE PLANS IMMEDIATELY AFTER COMPLETION OF GROUND ACTIVITY. FOR LARGE PROJECTS, THIS SEEDING SHOULD BE COMPLETED IN PHASES AS THE DIFFERENT AREAS OF THE SITE ARE COMPLETED.
- PERMANENT AND FINAL VEGETATION OR STRUCTURAL EROSION CONTROL DEVICES SHALL BE INSTALLED AS SOON AS PRACTICAL UNDER THE CIRCUMSTANCES.
- THE DURATION OF TIME WHICH AN AREA REMAINS EXPOSED SHALL BE KEPT TO A PRACTICAL MINIMUM DEPENDING UPON THE WEATHER. IF CONSTRUCTION ACTIVITY IS TO CEASE FOR MORE THAN 7 DAYS, THE DISTURBED AREAS SHALL BE TEMPORARILY SEEDED.
- ALL STORM SEWER INLET PROTECTION DEVICES SHALL BE PUT IN PLACE AT THE TIME EACH INLET IS CONSTRUCTED.
- THE CONTRACTOR SHALL MAINTAIN EROSION CONTROL MEASURES AND DEVICES DURING CONSTRUCTION AND UNTIL SILTATION OF THE STREETS AND STORM SEWERS WILL NO LONGER OCCUR.
- ONCE ON-SITE EROSION AND SILTATION OF THE STREETS AND STORM SEWERS WILL NO LONGER OCCUR, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE TEMPORARY EROSION CONTROL DEVICES.
- THESE GENERAL PROCEDURES MAY NOT COVER ALL SITUATIONS. REFER TO EROSION CONTROL PLANS FOR SPECIFIC NOTES AND ADDITIONAL DETAILS.
- EROSION CONTROL TO COMPLY WITH IDEM CONSTRUCTION STORMWATER GENERAL PERMIT.
- ALL PROPOSED EROSION AND SEDIMENT CONTROL SHALL BE IN CONFORMANCE WITH THE CITY OF COLUMBUS TYPICAL CONSTRUCTION GUIDELINES. DISCREPANCIES BETWEEN THE PLANS AND THE MANUAL SHALL NOT ALLEVIATE THE CONTRACTOR FROM ADHERING TO THE REQUIREMENTS AS SET FORTH IN THE MANUAL.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED IN THE FIELD BY THE INSPECTOR.
- A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO CONSTRUCTION. CONTACT THE CITY OF COLUMBUS ENGINEERING DEPARTMENT TO SCHEDULE. (812) 376-2540.

**EROSION CONTROL ITEMS:**

- CONSTRUCTION ENTRANCE; REFER TO DETAIL ON SHEET C904
- TEMPORARY SILT FENCE; REFER TO DETAIL ON SHEET C904
- CONCRETE WASHOUT STATION; REFER TO DETAIL ON SHEET C904
- PERMANENT/TEMPORARY SEEDING AREAS; REFER TO DETAIL ON SHEET C904
- INLET PROTECTION; REFER TO DETAIL ON SHEET C904
- EROSION CONTROL BLANKET; REFER TO DETAIL ON SHEET C904
- LIMITS OF CONSTRUCTION
- TEMPORARY FILTER SOCK
- PERMANENT RIP RAP APRON

**PROPOSED LEGEND:**

- PROPOSED GRAVEL CONSTRUCTION ENTRANCE
- PERMANENT/ TEMPORARY SEEDING AREAS
- EROSION CONTROL BLANKET W/ GRASS SEED
- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED SILT FENCE
- PROPOSED FILTER SOCK
- PROPOSED INLET PROTECTION
- PROPOSED CONCRETE WASHOUT
- MAJOR STORMWATER DISCHARGE POINT



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**PROJECT:**  
BARTHOLOMEW CONSOLIDATED  
SCHOOL CORPORATION  
RENOVATIONS TO  
L. FRANCES SMITH ELEMENTARY  
4505 WAYCROSS DRIVE, COLUMBUS, IN 47203

**SCOPE DRAWINGS:**  
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**REVISIONS:**  
02/12/2025 - ADDENDUM #04

ISSUE DATE	DRAWN BY	CHECKED BY
1/15/2025	MPRT	JP

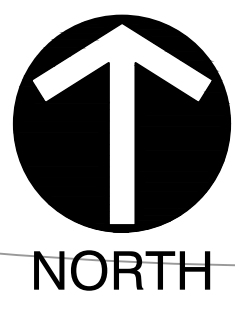
**DRAWING TITLE:**  
OVERALL  
STORMWATER  
POLLUTION  
PREVENTION  
PLAN

**CERTIFIED BY:**  
JON THAM M.P.S.Y.  
REGISTERED  
No. PE12100829  
STATE OF  
INDIANA  
PROFESSIONAL ENGINEER  
Jon Tham 01/15/25

**DRAWING NUMBER:**  
C900  
**PROJECT NUMBER:**  
346-935







WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)  
(50' PUBLIC RIGHT-OF-WAY  
(38.5' WIDE BETWEEN CURBS))

WAYCROSS DRIVE  
(LOCAL, SUBURBAN/URBAN)

LOT 15

LOT 16

LOT 17

LOT 18

LOT 19

SEE SHEET C901

SEE SHEET C902

SEE SHEET C901

SEE SHEET C902

EXISTING DRYWELL 5822  
REMOVE TOP BARREL SECTION  
RIM ELE. = 633.15  
CORE IN NEW PIPE D  
INV. (N) = 631.00 (4" PIPE)  
INV. (S) = 630.41 (12" HDPE)  
SUMP = 624.50

DRY DETENTION POND#1  
W/ EX. DRYWELL 5822  
100 YR ELEV. 634.00  
TOP: 636.00  
BOTTOM: 631.00

DRY DETENTION POND#2  
W/ EX. DRYWELL 5359&5366  
100 YR ELEV. 633.46  
TOP: 636.00  
BOTTOM: 632.15

EXISTING DRYWELL 5366  
REMOVE TOP BARREL SECTION  
RIM ELE. = 628.50  
SUMP = 623.72

MOVE EXISTING DRYWELL 5359  
REMOVE TOP BARREL SECTION  
RIM ELE. = 632.15  
SUMP = 623.72

**SOIL MAP**

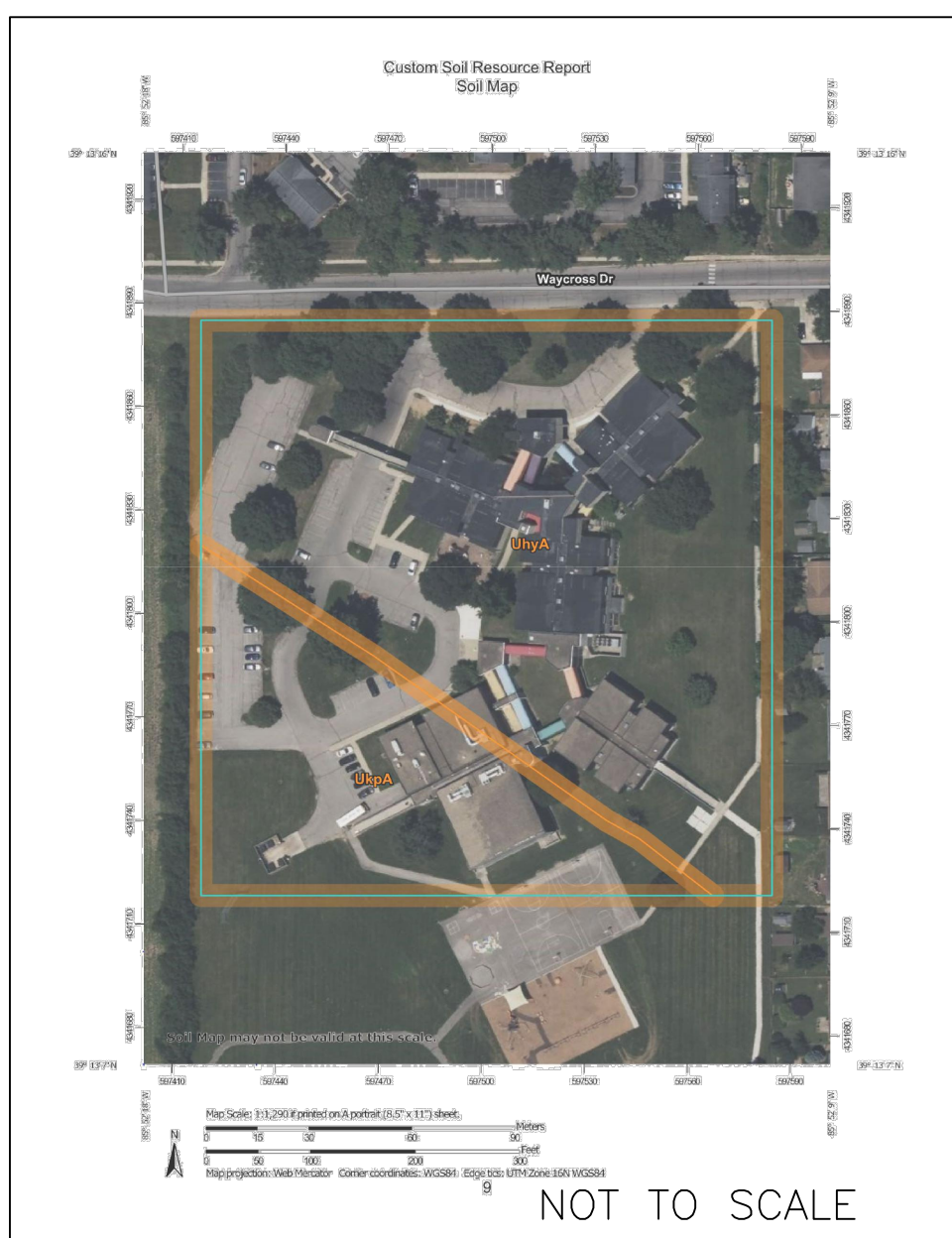
SOIL MAPS FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE

**SOIL LEGEND**

UbyA - Urban land-Martinsville, sandy substratum complex, 0 to 2 Percent Slopes, Well drained  
UbyB - Urban land-Cockey complex, 0 to 2 Percent Slopes; Well drained  
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TM#4: SET MAGNAIL IN THE CONCRETE WALK LOCATED DIRECTLY NORTH OF THE MAIN ENTRANCE TO THE ELEMENTARY SCHOOL BUILDING. ELEV. = 639.39

**UTILITY NOTE:**

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**GENERAL EROSION CONTROL NOTES**

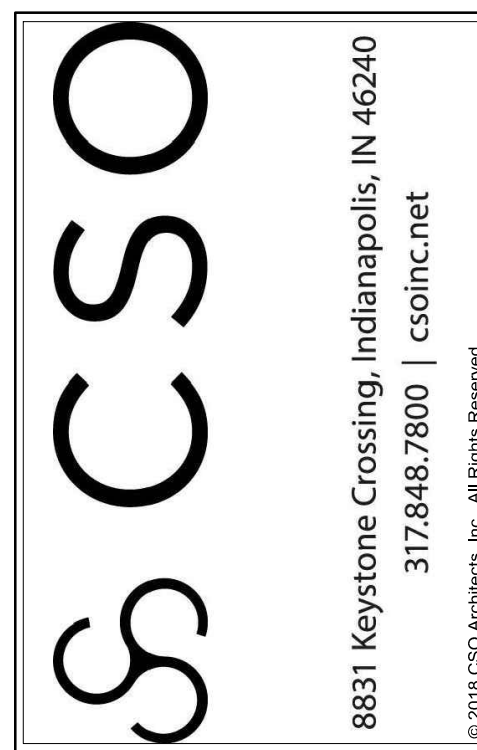
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- TEMPORARY SILT FENCE; REFER TO DETAIL ON SHEET C904
- CONCRETE WASHOUT STATION; REFER TO DETAIL ON SHEET C904
- PERMANENT/TEMPORARY SEEDING AREAS; REFER TO DETAIL ON SHEET C904
- INLET PROTECTION; REFER TO DETAIL ON SHEET C904
- EROSION CONTROL BLANKET; REFER TO DETAIL ON SHEET C904
- LIMITS OF CONSTRUCTION
- TEMPORARY FILTER SOCK
- PERMANENT RIP RAP APRON

**PROPOSED LEGEND:**

- PROPOSED GRAVEL CONSTRUCTION ENTRANCE
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- EROSION CONTROL BLANKET W/ GRASS SEED
- PROPOSED LIMITS OF DISTURBANCE
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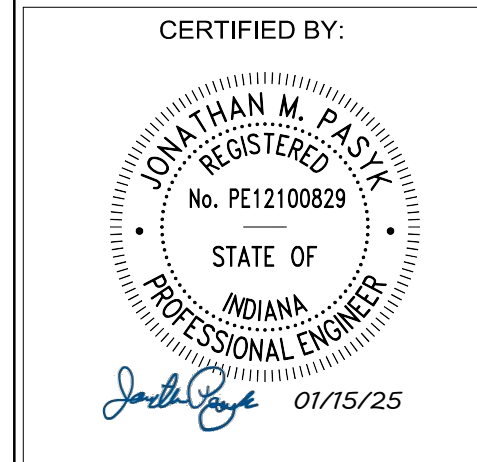
**BARTHOLOMEW CONSOLIDATED SCHOOL CORPORATION**  
RENOVATIONS TO  
**L. FRANCES SMITH ELEMENTARY**  
4805 WAYCROSS DRIVE, COLUMBUS, IN 47203

**SCOPE DRAWINGS:**  
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**REVISIONS:**  
02/12/2025 - ADDENDUM #04

ISSUE DATE	DRAWN BY	CHECKED BY
1/15/2025	MPRT	JP

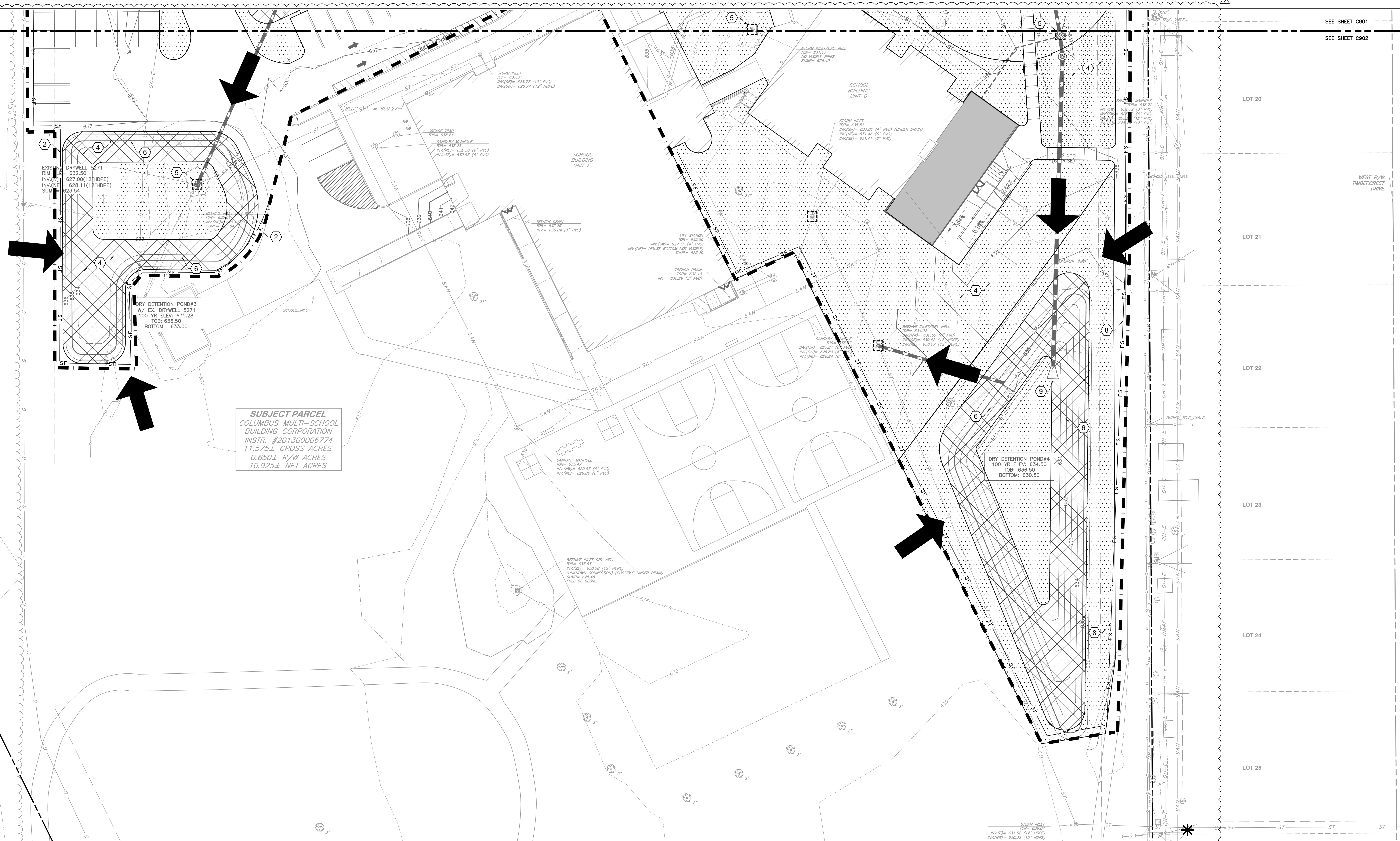
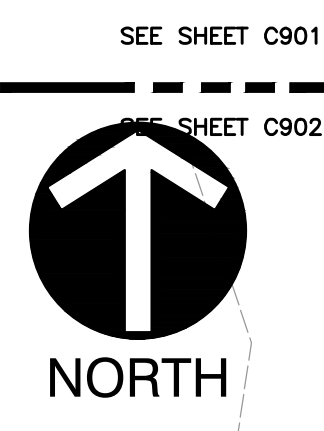
DRAWING TITLE:  
**STORMWATER POLLUTION PREVENTION PLAN - NORTH**



DRAWING NUMBER  
**C901**  
PROJECT NUMBER  
**346-935**







**SUBJECT PARCEL**  
 COLUMBUS MULTI-SCHOOL  
 BUILDING CORPORATION  
 INSTR. #20130006774  
 11.575± GROSS ACRES  
 0.650± R/W ACRES  
 10.925± NET ACRES

**DRY DETENTION POND#3**  
 100 YR ELEV. 635.28  
 TOP: 636.50  
 BOTTOM: 633.00

**DRY DETENTION POND#4**  
 100 YR ELEV. 634.50  
 TOP: 636.50  
 BOTTOM: 630.50

**BENCHMARKS:**

UNLESS OTHERWISE NOTED, ELEVATIONS SHOWN HEREON ARE BASED UPON AN OPUS SOLUTION AND ARE ON THE 1988 NORTH AMERICAN VERTICAL DATUM (NAVD83 (CGD0 18)). IT IS MY OPINION THAT THE UNCERTAINTY IN THE ELEVATION OF THE PROJECT BENCHMARK DOES NOT EXCEED 0.10 FOOT.

BM: B.S.C.O BENCHMARK #102, I.F.C. & W.R.C. BRONZE TABLET ON THE NORTHWEST CORNER OF AN 8'X5' CONCRETE STORM SEWER COVER ON THE SOUTH SIDE OF 25TH STREET AT THE EASTERN PIPELINE CROSSING. ELEV. = 638.67

TBM#1: SET MAGNAL ON TOP OF THE NORTHWEST SIDE OF A CONCRETE LIGHT BASE LOCATED APPROXIMATELY 340' SOUTH OF WAYCROSS DRIVE ON THE EAST SIDE OF THE SOUTHERN MOST PARKING LOT ON SITE. ELEV. = 639.36

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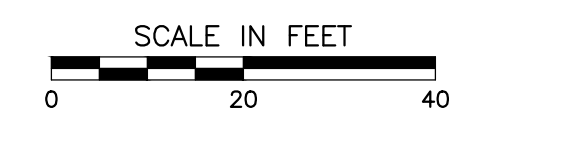
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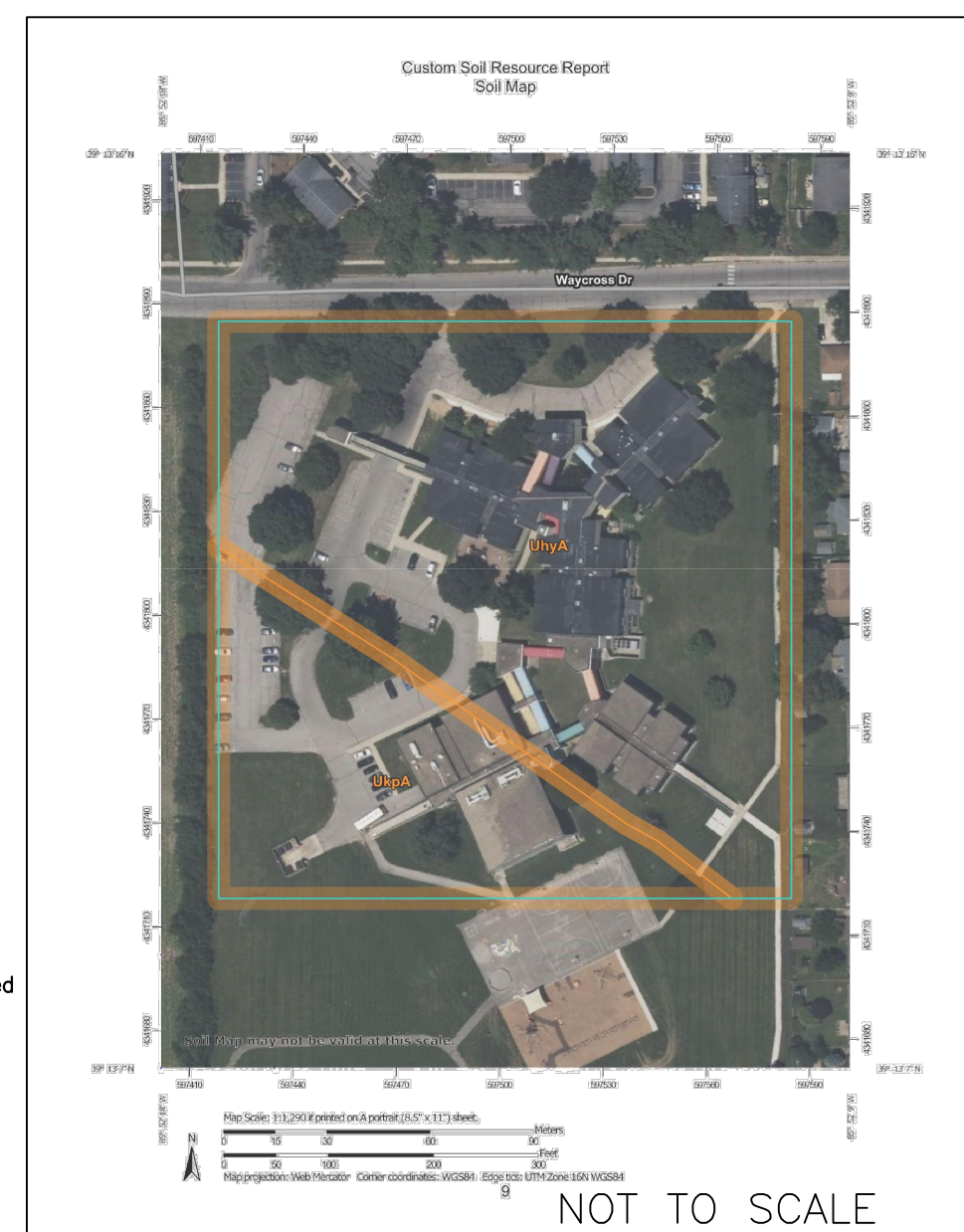
**SOIL MAP**

SOIL MAPS FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE

**SOIL LEGEND**

UhyA - Urban land-Martinsville, sandy substratum complex, 0 to 2 Percent Slopes, Well drained  
 UhyB - Urban land-Cokley complex, 0 to 2 Percent Slopes; Well drained

\* IF CONSTRUCTION IS TAKING PLACE DURING WET SEASON, SOILS MAY REQUIRE LIME STABILIZATION



NO EARTH DISTURBING ACTIVITY MAY COMMENCE WITHOUT AN APPROVED STORMWATER MANAGEMENT PERMIT.

NOT TO SCALE



**CSO**

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**CEE**

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**REVISIONS:**  
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ISSUE DATE: 1/15/2025  
 DRAWN BY: MPRT  
 CHECKED BY: JP

DRAWING TITLE:  
**STORMWATER POLLUTION PREVENTION PLAN - SOUTH**

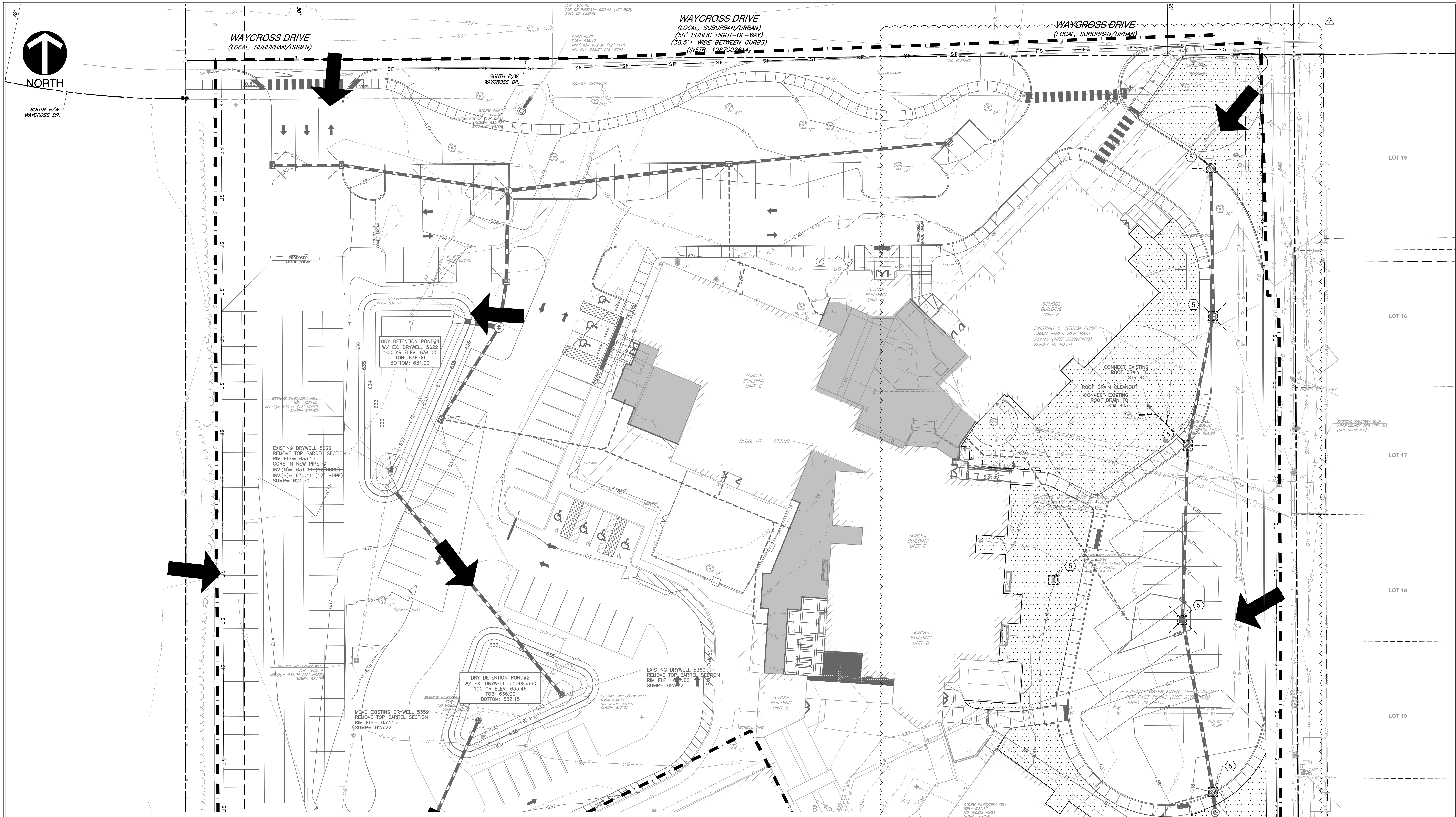
CERTIFIED BY:

DRAWING NUMBER:  
**C902**

PROJECT NUMBER:  
**346-935**





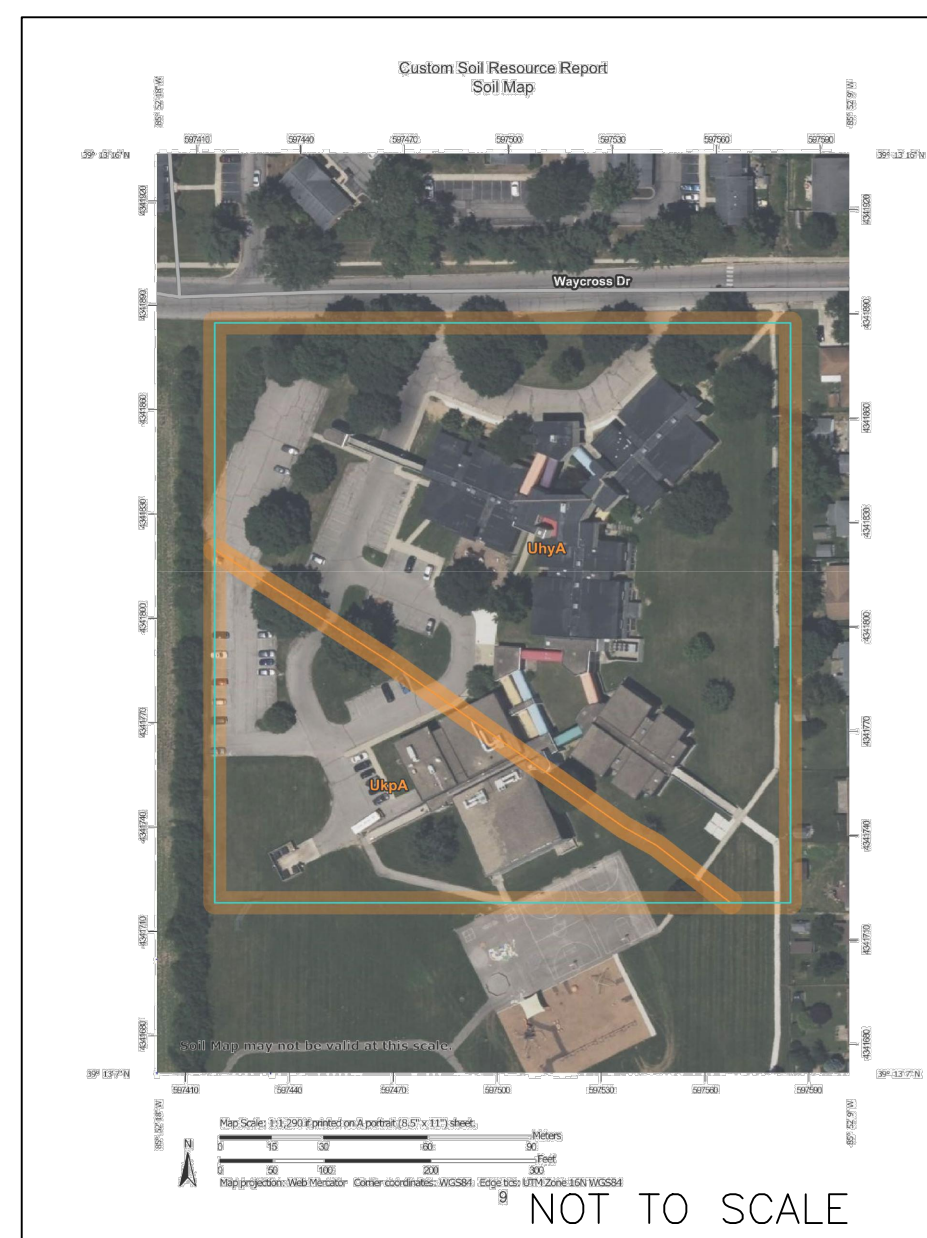


**SOIL MAP**  
 SOIL MAPS FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE

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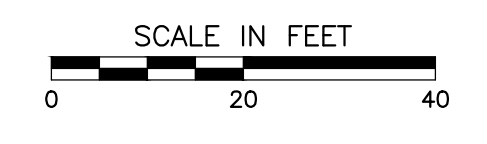
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REVISIONS:  
 02/12/2025 - ADDENDUM #04

ISSUE DATE	DRAWN BY	CHECKED BY
1/15/2025	MPRT	JP

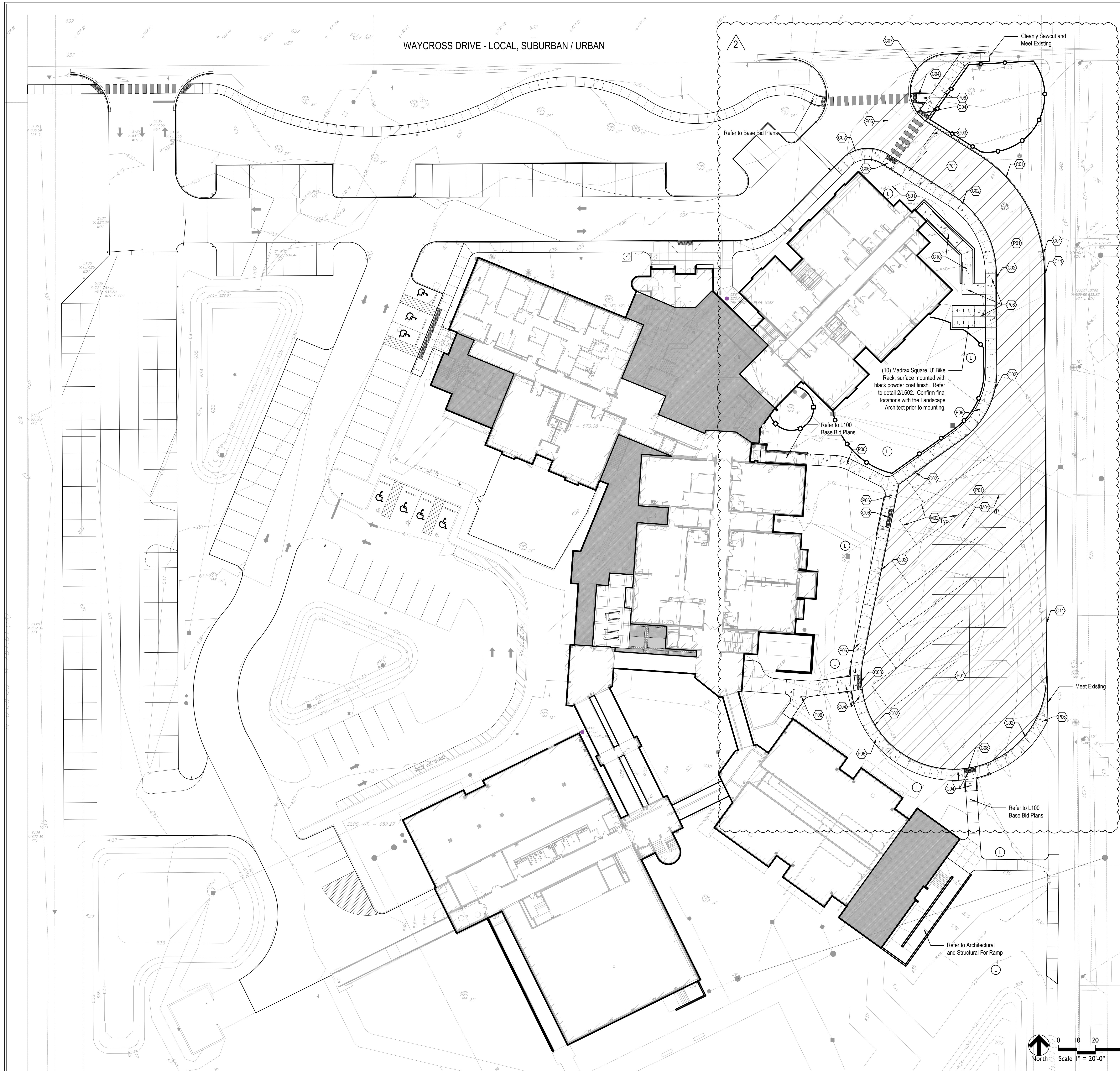
DRAWING TITLE:  
**STORMWATER POLLUTION PREVENTION PLAN - EAST ALTERNATE**

CERTIFIED BY:

DRAWING NUMBER:  
**C903**

PROJECT NUMBER:  
**346-935**





REFERENCE KEYNOTES	
KEY	DESCRIPTION / REFERENCE
(E)	MEP OR LIGHTING FEATURE REFER TO ELECTRICAL OR LIGHTING SERIES
(L)	LANDSCAPE OR PLANTED AREA REFER TO SHEET L400
(U)	UTILITY FEATURE REFER TO CIVIL SERIES

C-CURBS AND RAMPS	
KEY	DESCRIPTION
(C01)	CONCRETE POST CURB REFER TO DETAIL 5/L600
(C02)	INTEGRAL CURB AND WALK REFER TO DETAIL 4/L600
(C03)	WHEEL STOP REFER TO DETAIL 15/L600
(C04)	CURB RAMP, STRAIGHT REFER TO DETAIL 4/L601
(C05)	CURB RAMP, DOUBLE WING REFER TO DETAIL 2/L601
(C06)	CURB RAMP, PARALLEL REFER TO DETAIL 1/L601
(C07)	CURB AND GUTTER, REFER TO DETAIL 5/L601
(C08)	TRUNCATED DOMES, REFER TO DETAIL 3/L601
(C09)	RAMP AND WALL, REFER TO DETAIL 9/L601
(C10)	RAMP AND WALL, REFER TO DETAIL 1/L602
(C11)	CONCRETE FLUSH CURB, 6" REFER TO DETAIL 3/L602

P-PAVEMENT	
KEY	DESCRIPTION
(P01)	ASPHALT, HEAVY DUTY REFER TO DETAIL 7/L600 AND SPECIFICATIONS 32 12 16
(P02)	ASPHALT, STANDARD REFER TO DETAIL 6/L600 AND SPECIFICATIONS 32 12 16
(P03)	ASPHALT, HEAVY DUTY FULL DEPTH REPLACEMENT REFER TO DETAIL 7/L600 AND SPEC 32 12 16
(P04)	ASPHALT, STANDARD MILL AND RESURFACE REFER TO DETAIL 9/L600 AND SPEC 32 12 16
(P05)	ASPHALT, STANDARD FULL DEPTH REPLACEMENT, REFER TO DETAIL 6/L600 REFER TO SPECIFICATIONS 32 12 16
(P06)	STANDARD CONCRETE REFER TO DETAIL 1, 2, 3/L600 AND SPECIFICATIONS 32 13 16
(P07)	DECORATIVE COURTYARD AGGREGATE; STONE TYPE A, NORTHERN LIGHTS, REFER TO SPECIFICATIONS 32 11 23
(P08)	DECORATIVE COURTYARD AGGREGATE; STONE TYPE B, PEA GRAVEL, REFER TO SPECIFICATIONS 32 11 23
(P09)	DECORATIVE COURTYARD AGGREGATE; STONE TYPE C, EBONY BLEND, REFER TO SPECIFICATIONS 32 11 23

G-FENCES AND GATES, REFER TO SPECIFICATIONS 32 31 13	
KEY	DESCRIPTION
(G01)	BARRIER SWING GATE, 38' W
(G02)	BARRIER SWING GATE, 32' W
(G03)	BARRIER SWING GATE, 28' W
(G04)	6'-0" H. ORNAMENTAL FENCE
(G05)	DOUBLE LEAD SWING GATE, 8'-0" OPNEING, MATCH HEIGHT OF ADJACENT FENCING

SIGNAGE (COMPLY WITH MUTCD STANDARDS) (VIF REGULATORY SIGNS WITH CITY REPRESENTATIVE)	
KEY	DESCRIPTION / REFERENCE
(S01)	BUS LOT EVENT PARKING ONLY, REFER TO DETAIL 13/L600
(S02)	DO NOT ENTER, REFER TO DETAIL 13/L600
(S03)	VAN ACCESSIBLE ADA PARKING, REFER TO DETAIL 11/L600
(S04)	ACCESSIBLE ADA PARKING, REFER TO DETAIL 11/L600
(S05)	STOP, REFER TO DETAIL 13/L600

F-SITE FURNISHINGS	
KEY	DESCRIPTION
(F01)	FLAGPOLE, REFER TO DETAIL 14/L600 AND SPECIFICATIONS
(F02)	BOLLARD, REFER TO DETAIL 8/L601
(F03)	TABLE AND BENCHES, BASIS OF DESIGN MLTB1050 AND MLB1050B, MAGLIN, REFER TO SPECIFICATIONS

M-STRIPING	
KEY	DESCRIPTION
(M01)	STRIPING, WHITE
(M02)	STRIPING, YELLOW
(M03)	STRIPING, ADA, BLUE
(M04)	ADA PARKING SYMBOL, BLUE, REFER TO DETAIL 11/L600

8831 Keystone Crossing, Indianapolis, IN 46240  
317-485-7800 | csomc.net  
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5825 Lochlan Loop, E. Dr., Indianapolis, IN 46216  
317-485-6900 | www.context-design.com

PROJECT:

**BARTHOLOMEW CONSOLIDATED  
SCHOOL CORPORATION  
RENOVATIONS TO  
L. FRANCES SMITH ELEMENTARY**

4505 WAYCROSS DRIVE, COLUMBUS, IN 47203

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design content, the arrangement of structural, mechanical and electrical systems. The drawings do not necessarily indicate or describe all work required for the performance and completion of the project. On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

△	Addendum 03	02/10/2025
△	Addendum 04	02/12/2025

ISSUE DATE	DRAWN BY	CHECKED BY
01/15/2025	MA/DC	LM

DRAWING TITLE:

**SITE MATERIALS  
PLAN ALTERNATE**

CERTIFIED BY:

DRAWING NUMBER

**L100a**

PROJECT NUMBER

**2021049**

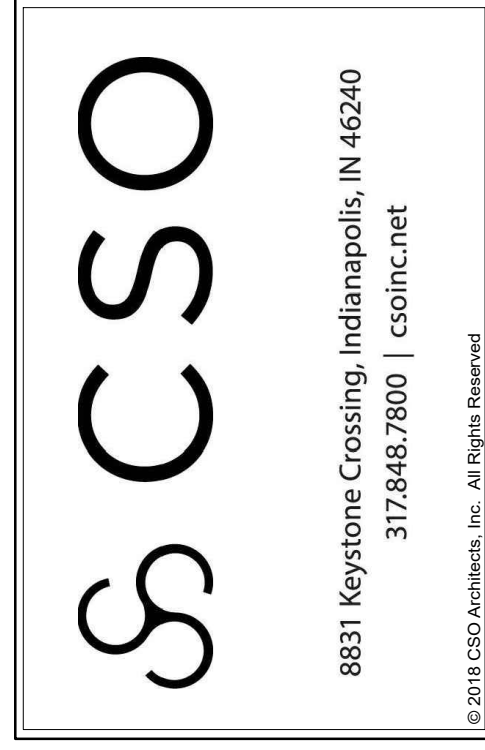




WAYCROSS DRIVE

**LAYOUT NOTES**

1. Dimensions are shown to Face of Curb unless otherwise noted.
2. Contractor shall coordinate final joint locations in the field with the Landscape Architect. Align to existing conditions when practical, including at building and wall corners, connections to existing work, and to centerlines of doors.
3. Space control joints evenly between all bands and expansion joints as shown, unless otherwise dimensioned. Space interim joints equally whenever possible.
4. Digital AutoCAD files will be provided to the successful bidder as a courtesy to assist with field layout. The Contractor maintains all responsibility for the use, accuracy, and confirmation of such data.
5. All pavement striping shown shall adhere to Specifications. The Contractor shall include in their bid any miscellaneous copy, striping, or curb painting that may be requested by the Fire Marshal.
6. All disturbed areas not proposed to receive pavements shall be dressed with topsoil and seeded per Specifications.
7. Contractor shall provide and install One (1) Accessible Parking Sign per accessible parking space indicated in plans. Coordinate final location in the field with Landscape Architect.



PROJECT:  
**BARTHELOMEW CONSOLIDATED SCHOOL CORPORATION RENOVATIONS TO L. FRANCES SMITH ELEMENTARY**  
 4505 WAYCROSS DRIVE, COLUMBUS, IN 47203

**SCOPE DRAWINGS:**  
 These drawings indicate the general scope of the project in terms of architectural design content, the arrangement of structural, mechanical and electrical systems. The drawings do not necessarily indicate or describe all work required for the performance and completion of the project. On the basis of the general scope indicated or described, the contractor shall furnish all items required for the proper execution and completion of the work.

**REVISIONS:**

△	Addendum 03	02/10/2025
△	Addendum 04	02/12/2025

<b>ISSUE DATE</b>	<b>DRAWN BY</b>	<b>CHECKED BY</b>
01/15/2025	MA/DC	LM

**DRAWING TITLE:**  
 SITE LAYOUT PLANS  
 ALTERNATE



**DRAWING NUMBER**  
 L200a

**PROJECT NUMBER**  
 2021049

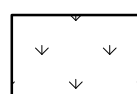


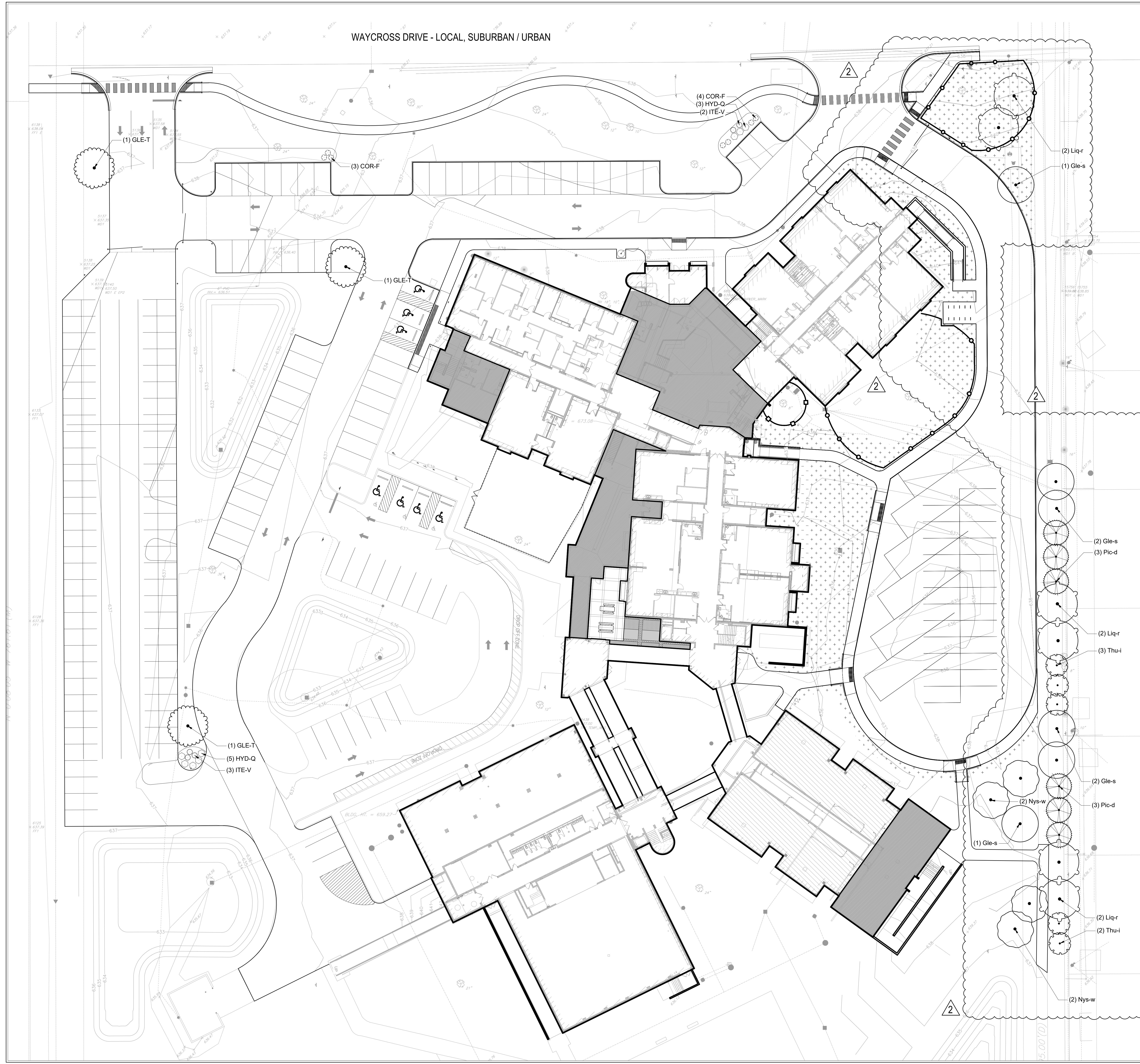


WAYCROSS DRIVE - LOCAL, SUBURBAN / URBAN

GENERAL LANDSCAPE AND PLANTING NOTES



- Refer to Project Manual for Planting Specifications and Topsoil requirements. Refer to Plant Schedule and Planting Details for additional information.
- All materials are subject to the approval of the Landscape Architect and Owner at any time. Landscape Architect to inspect all plant locations and plant bed conditions prior to installation. On-site adjustments may be required.
- Rootballs shall meet or exceed size standards as set forth in 'American Standards for Nursery Stock'. MAIN LEADERS OF ALL TREES SHALL REMAIN INTACT.
- Remove from the site any plant material that turns brown or defoliates within five (5) days after planting. Replace immediately with approved, specified material.
- Plant counts indicated on drawings are for Landscape Architect's use only. Contractor shall make own plant quantity takeoffs using drawings, specifications, and plant schedule requirements (i.e., spacing), unless otherwise directed by Landscape Architect. Contractor to verify bed measurements and install appropriate quantities as governed by plant spacing per schedule. Plant material quantities shown on plan are minimum quantities. Additional material may be needed to meet spacing requirements and field conditions.
- Seed all areas disturbed by construction activities that are not otherwise noted to receive pavement, planting bed, or sod treatment.
- The Contractor shall install and/or amend topsoil in all proposed bed areas to meet Specifications. Contractor shall coordinate quantity and placement of topsoil. Landscaper shall verify depth of topsoil prior to plant installation. (Refer to specifications for topsoil source and placement requirements.)
- All tree locations shall be marked with 2x2" stakes prior to planting for review and approval by the Landscape Architect. Any plant material installed in an incorrect location, by the judgment of the Landscape Architect, shall be reinstalled at the Contractor's expense.
- All plant beds shall receive 3" minimum of shredded hardwood bark mulch (unless otherwise noted).
- Verify all utility locations in the field prior to beginning work. Repair all damaged utilities to Owner's satisfaction at no additional cost.
- The Contractor shall maintain all plant material and lawns until the project is fully accepted by the Landscape Architect, unless otherwise noted.
- All workmanship and materials shall be guaranteed by the Contractor for a period of one calendar year after Final Acceptance.
- Install all plant material in accordance with all local codes and ordinances. Coordinate with the Owner to obtain any required permits necessary to complete work.
- Contractor shall test all tree pits for drainage. Any tree pit that holds water for more than 24 hours shall be installed using tree pit drainage.
- Tree Protection Fencing is the responsibility of the Contractor. Minimum protected area shall include the full drip line of the canopy. NO construction activities, material storage, etc. may occur within that area. The Contractor shall ensure that no soil compaction or tree damage occurs in any Protected areas, at any time during the construction process.
- Trees shall be matched in groups unless otherwise noted.

 Area to be Seeded, Refer to Specification 32.92.00



PROJECT:  
**BARTHOLOMEW CONSOLIDATED SCHOOL CORPORATION RENOVATIONS TO L. FRANCES SMITH ELEMENTARY**  
 4505 WAYCROSS DRIVE, COLUMBUS, IN 47203

SCOPE DRAWINGS:  
 These drawings indicate the general scope of the project in terms of architectural design content, the arrangement of structural, mechanical and electrical systems. The drawings do not necessarily indicate or describe all work required for the performance and completion of the project. On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:		
	Addendum 03	02/10/2025
	Addendum 04	02/12/2025

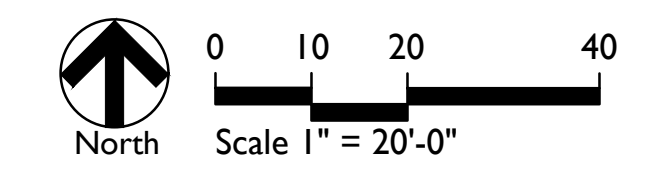
ISSUE DATE	DRAWN BY	CHECKED BY
01/15/2025	MA / DC	LM

DRAWING TITLE:  
**PLANTING PLANS ALTERNATE**



DRAWING NUMBER  
**L400a**

PROJECT NUMBER  
**2021049**



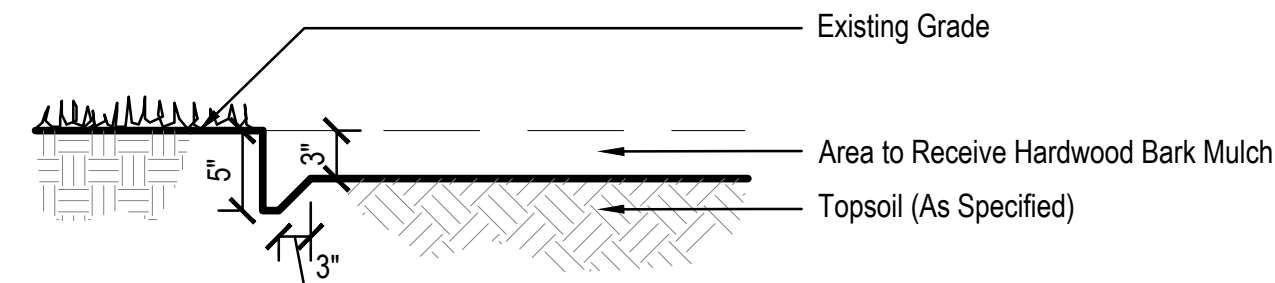


**BASE BID PLANT SCHEDULE**

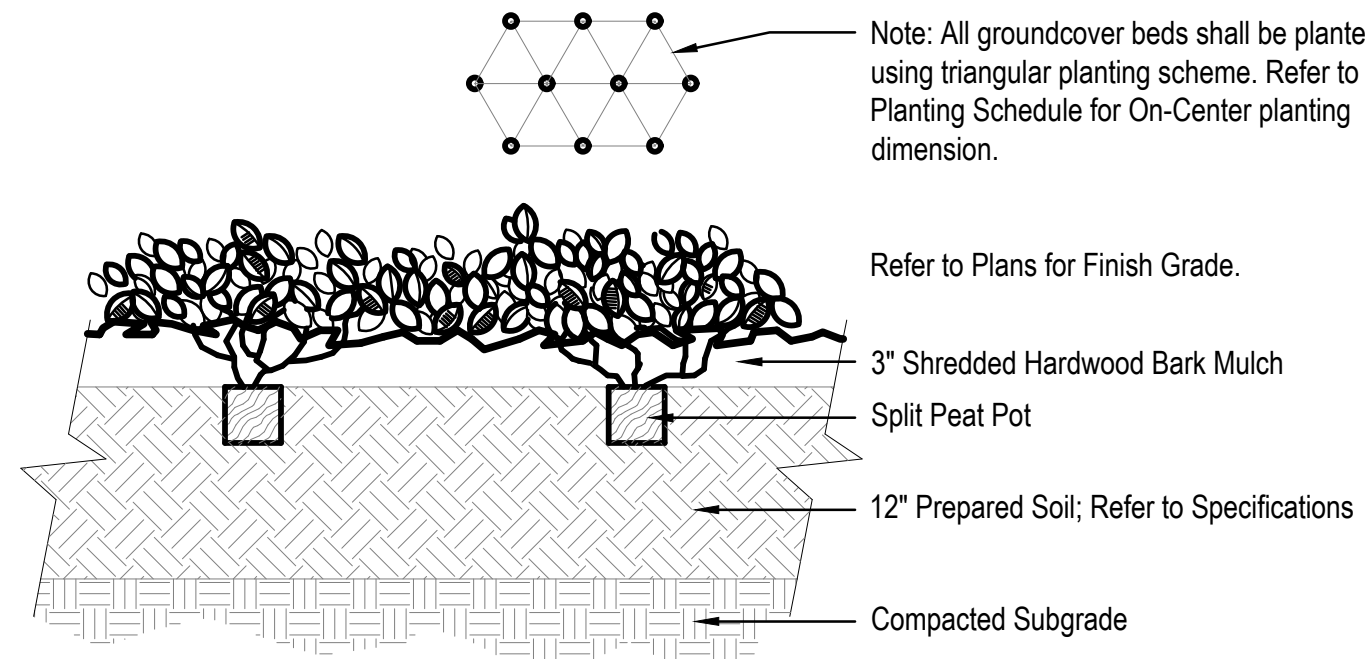
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	REMARKS
<b>TREES</b>					
CLA-K	5	Cladrastis kentuckea	American Yellowwood	B & B	
GLE-T	2	Gleditsia triacanthos inermis	Thornless Honey Locust	B & B	
<b>SHRUBS</b>					
COR-F	36	Cornus sericea 'Farrow'	Arctic Fire® Red Twig Dogwood	pot	
HYD-Q	31	Hydrangea quercifolia	Oakleaf Hydrangea	pot	
HYD-P	20	Hydrangea quercifolia 'Pee Wee'	Pee Wee Oakleaf Hydrangea	pot	
ITE-V	27	Itea virginica 'Henry's Garnet'	Henry's Garnet Sweetspire	pot	
POT-F	15	Potentilla fruticosa 'Goldfinger'	Goldfinger Bush Cinquefoil	pot	

**ALTERNATE PLANT SCHEDULE**

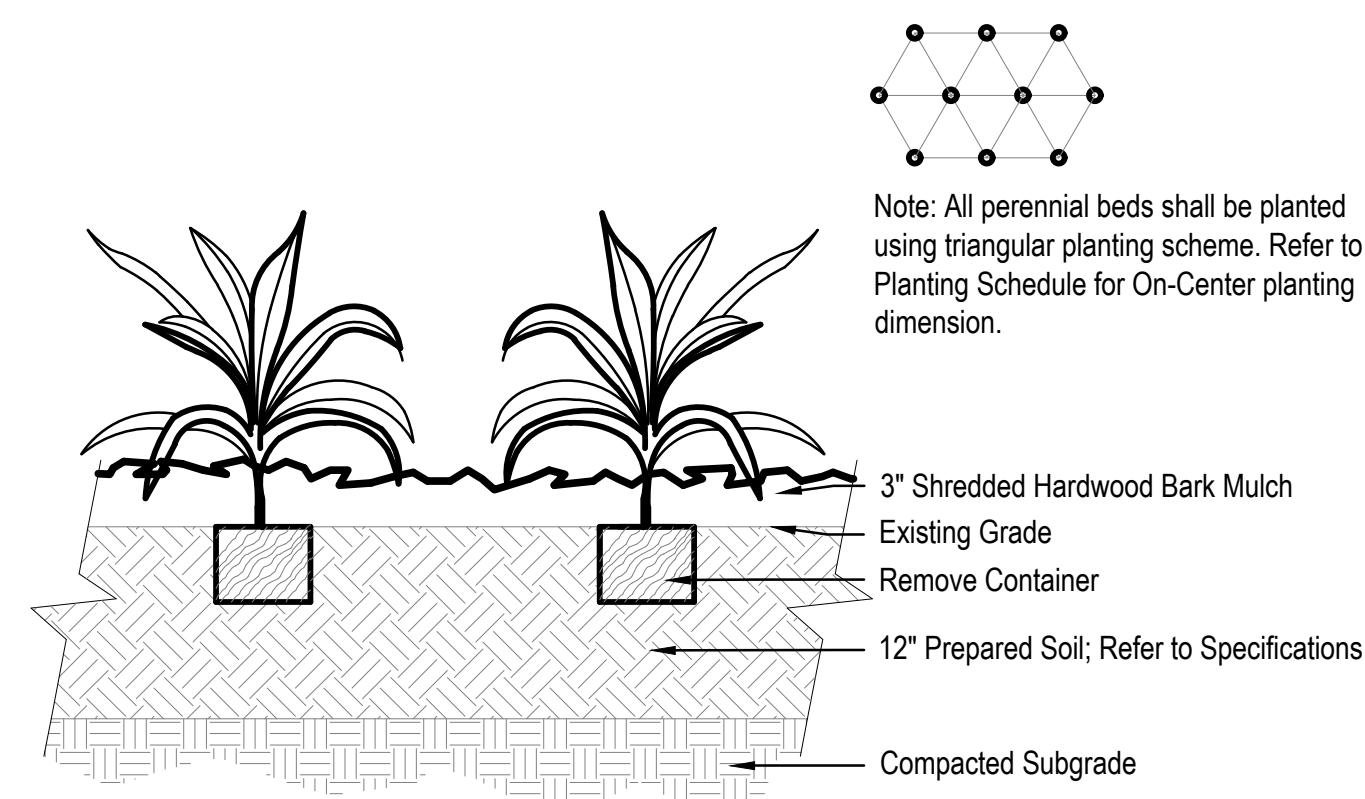
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	REMARKS
<b>TREES</b>						
GLE-T	3	Gleditsia triacanthos inermis	Thornless Honey Locust	B & B		
<b>BUFFERYARD</b>						
Gle-s	6	Gleditsia triacanthos inermis 'Shademaster'	Shademaster Honey Locust	B & B	2.5" Cal	
Liq-r	6	Liquidambar styraciflua 'Rotundiloba'	Round-Lobed Sweet Gum	B & B	2.5" Cal	
Nys-w	4	Nyssa sylvatica 'Wildfire'	Wildfire Tupelo	B & B	2.5" Cal	
Pic-d	6	Picea glauca 'Densata'	Black Hills Spruce	B & B	min. 6' ht.	full, strong central leader, matched, symmetrical
Thu-h	5	Thuja x 'Green Giant'	Green Giant Arborvitae	6' ht.		
<b>SHRUBS</b>						
COR-F	7	Cornus sericea 'Farrow'	Arctic Fire® Red Twig Dogwood	pot		
HYD-Q	8	Hydrangea quercifolia	Oakleaf Hydrangea	pot		
ITE-V	5	Itea virginica 'Henry's Garnet'	Henry's Garnet Sweetspire	pot		



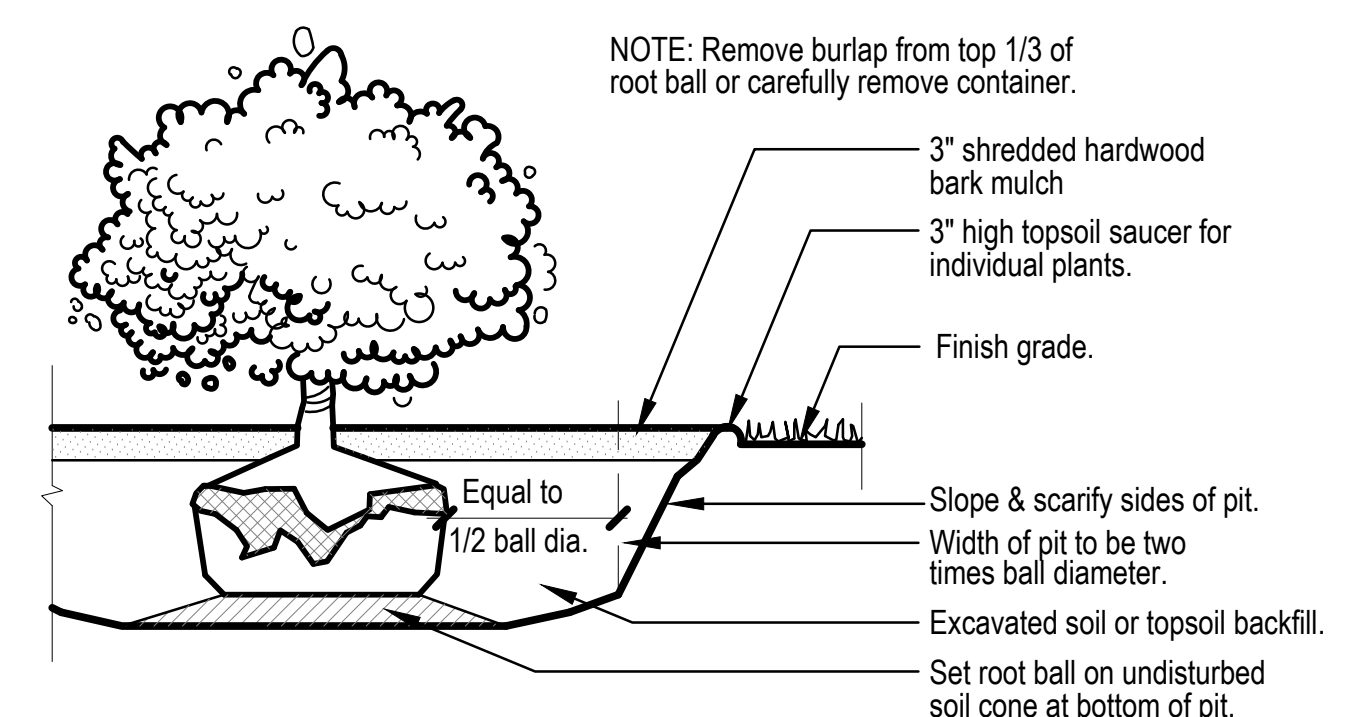
**7 SPADE EDGE**  
Not to Scale



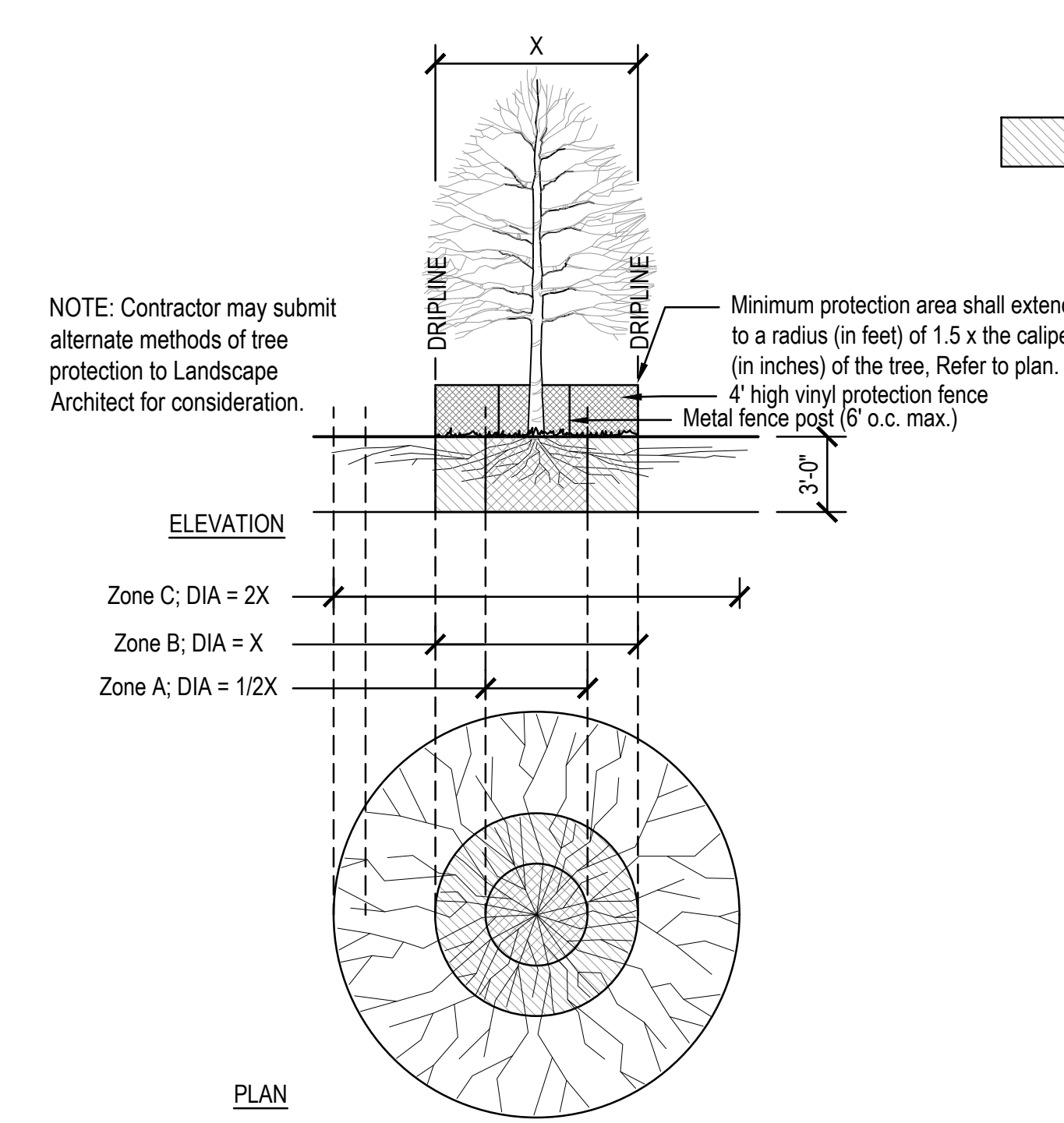
**6 GROUNDCOVER PLANTING**  
Not to Scale



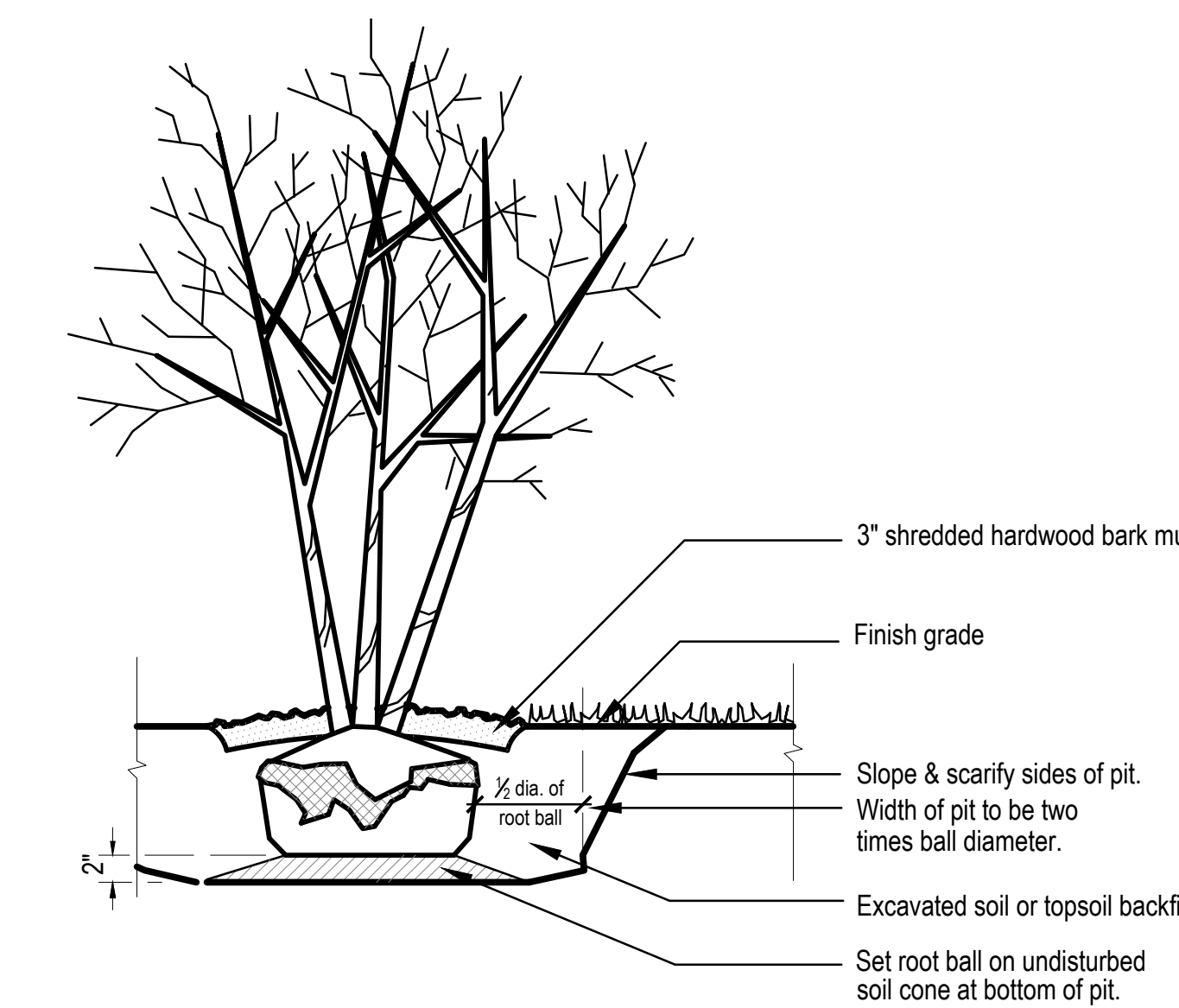
**5 PERENNIAL PLANTING**  
Not to Scale



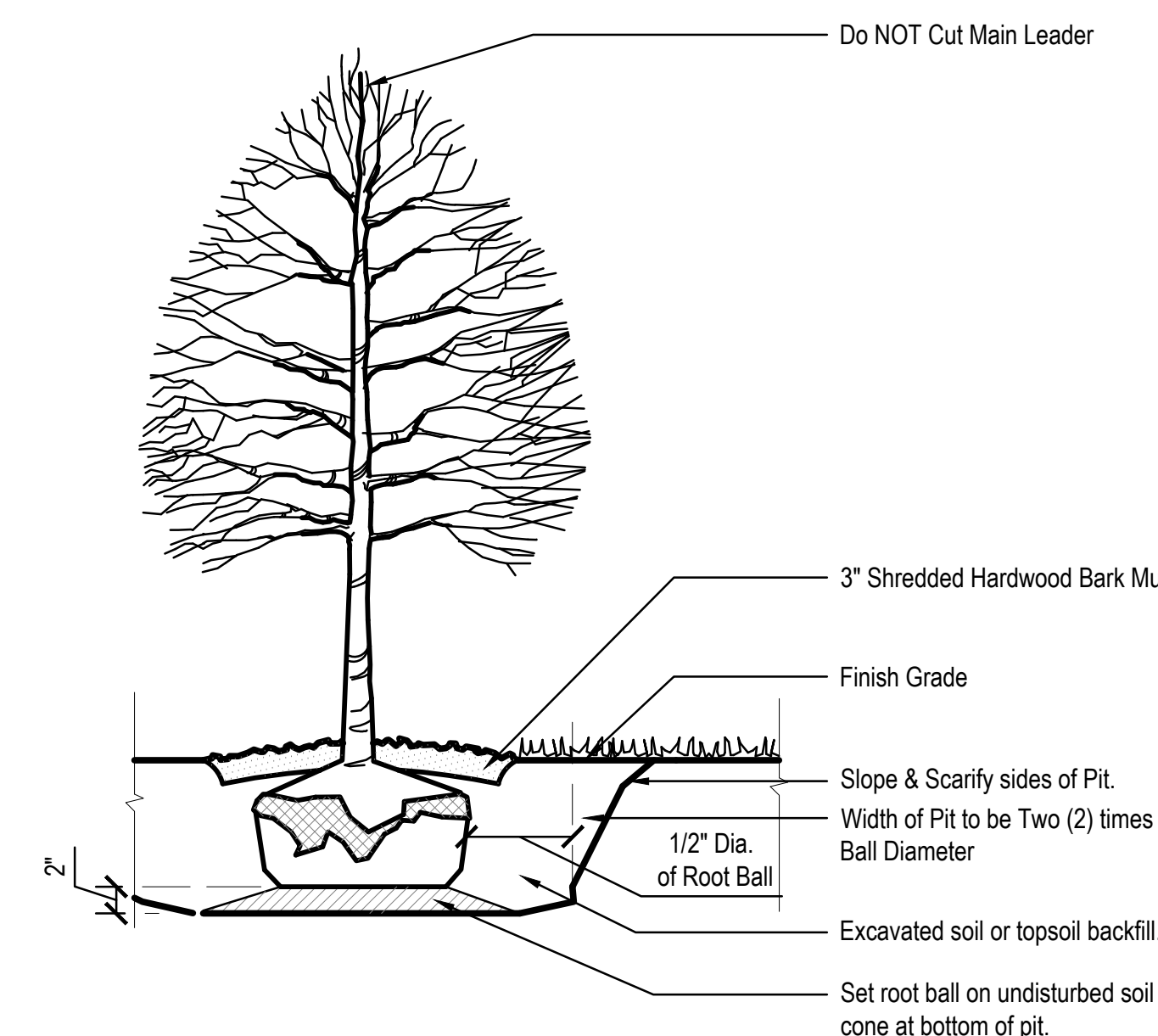
**4 SHRUB PLANTING**  
Not to Scale



**3 TREE PROTECTION**  
Not To Scale



**2 MULTI-STEM TREE PLANTING**  
Not to Scale



**1 TREE PLANTING**  
Not to Scale

**TRENCHING/EXCAVATION**

- ZONE A (CRITICAL ROOT ZONE)**
  - NO DISTURBANCE ALLOWED without site-specific inspection and approval of methods to minimize root damage.
  - Severance of roots larger than 2" diameter requires Landscape Architect's approval.
  - Trenching or boring required to install utilities 3'-0" below grade or deeper.
- ZONE B (DRIPLINE)**
  - Operation of heavy equipment and/or stockpiling of materials subject to Landscape Architect's approval. Surface Protection\* measures required.
  - Trenching allowed as follows:
    - Excavation by hand or with hand-driver trencher may be required.
    - Limit trench width. Do not disturb Zone A, maintain 2/3 or more of Zone B in undisturbed condition.
  - Trenching or boring may be required for trenches deeper than 3'-0".
- ZONE C (FEEDER ROOT ZONE)**
  - Operation of heavy equipment and/or stockpiling of materials subject to Landscape Architect's approval. Surface Protection\* measures required.
  - Trenching with heavy equipment allowed as follows:
    - Minimize trench width.
    - Maintain 2/3 or more of Zone C in undisturbed condition.

**FENCING/ROOT PROTECTION**  
4' high vinyl protection fence at the greater of Zone B (Dripline) or to a radius (in feet) of 1.5x the caliper (in inches) of the tree, minimum, and at Zone C (Feeder Root Zone) if possible. Refer to Detail this Sheet.

Upon Landscape Architect's approval, a plywood box (8' minimum height) may be used where fencing cannot be achieved.

Landscape Architect's approval required for use/access within Zone B. Permission for use/access requires Surface Protection Measures for all unfenced, unpaved surfaces within Zone B.

**\*SURFACE PROTECTION MEASURES**

- Mulch Layer, 6"-8" Depth
- 3/4" Plywood
- Steel Plates

**NOTE:**  
1. Refer to tree protection specifications.  
2. Contractor may submit alternate methods of tree protection to Landscape Architect for Consideration.

2

**SCOPE DRAWINGS:**  
These drawings indicate the general scope of the project in terms of architectural design content, the placement of structural, mechanical and electrical systems. The drawings do not necessarily indicate or describe all work required for the performance and completion of the project. On the basis of the general scope indicated on these drawings, the trade contractors shall furnish all items required for the proper execution and completion of the work.

**REVISIONS:**

△	Addendum 03	02/10/2025
△	Addendum 04	02/12/2025

ISSUE DATE	DRAWN BY	CHECKED BY
01/15/2025	MA / DC	LM

**DRAWING TITLE:**  
**PLANTING DETAILS & SCHEDULE**

**CERTIFIED BY:**  
**FREDDIE J. PRAZAU**  
REGISTERED  
No. 2020-0052  
STATE OF INDIANA  
LANDSCAPE ARCHITECT  
EXPIRES 12-31-2025

**DRAWING NUMBER**  
**L410**

**PROJECT NUMBER**  
**2021049**



SCOPE DRAWINGS:  
These drawings indicate the general scope of the project in terms of architectural design concept, the arrangement of structural, mechanical and electrical systems.  
The drawings do not necessarily indicate or describe all work required for the performance and completion of the project.  
On the basis of the general scope indicated on these drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:	ADDENDUM	DATE
▲	Addendum 03	02/10/2025
▲	Addendum 04	02/12/2025

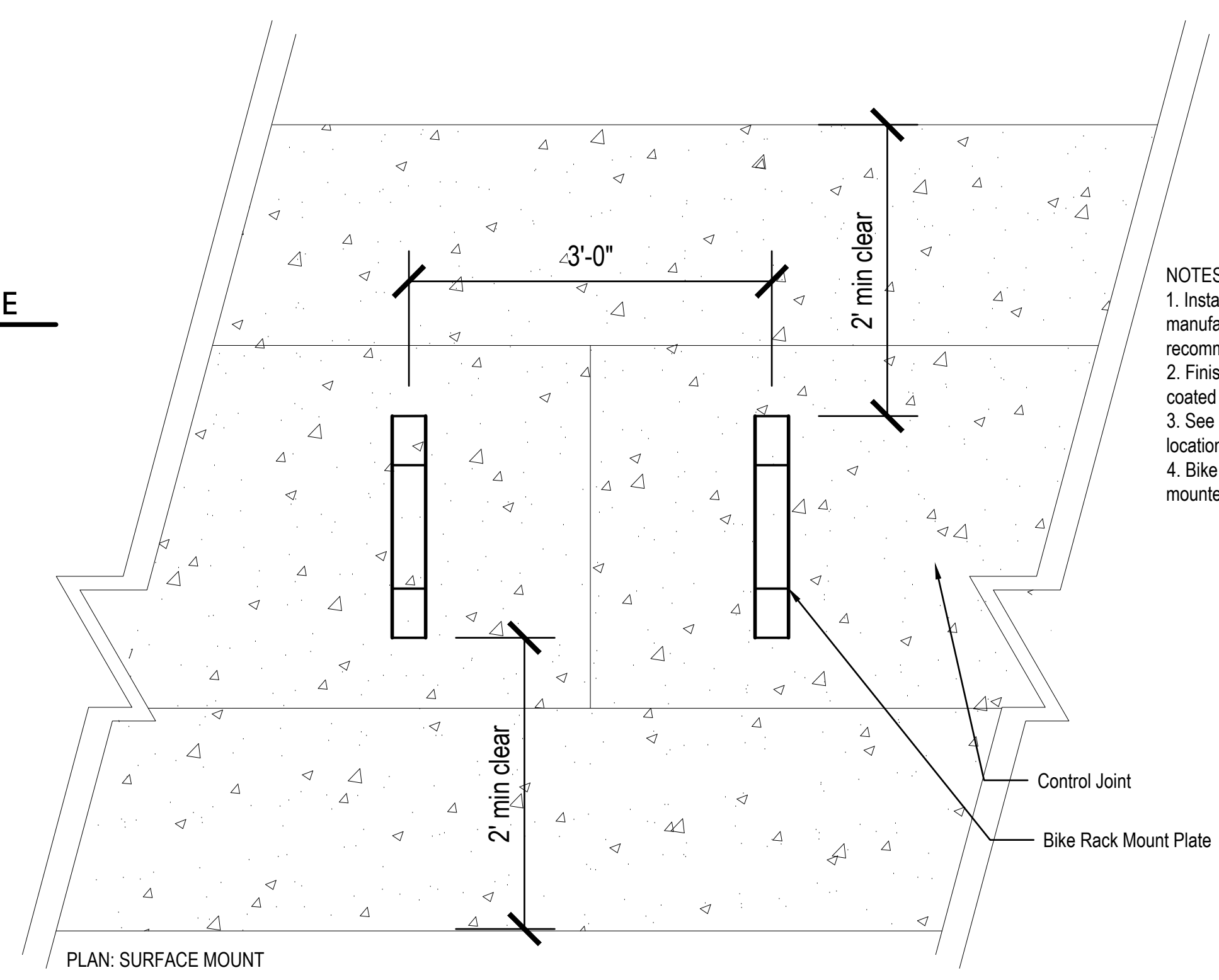
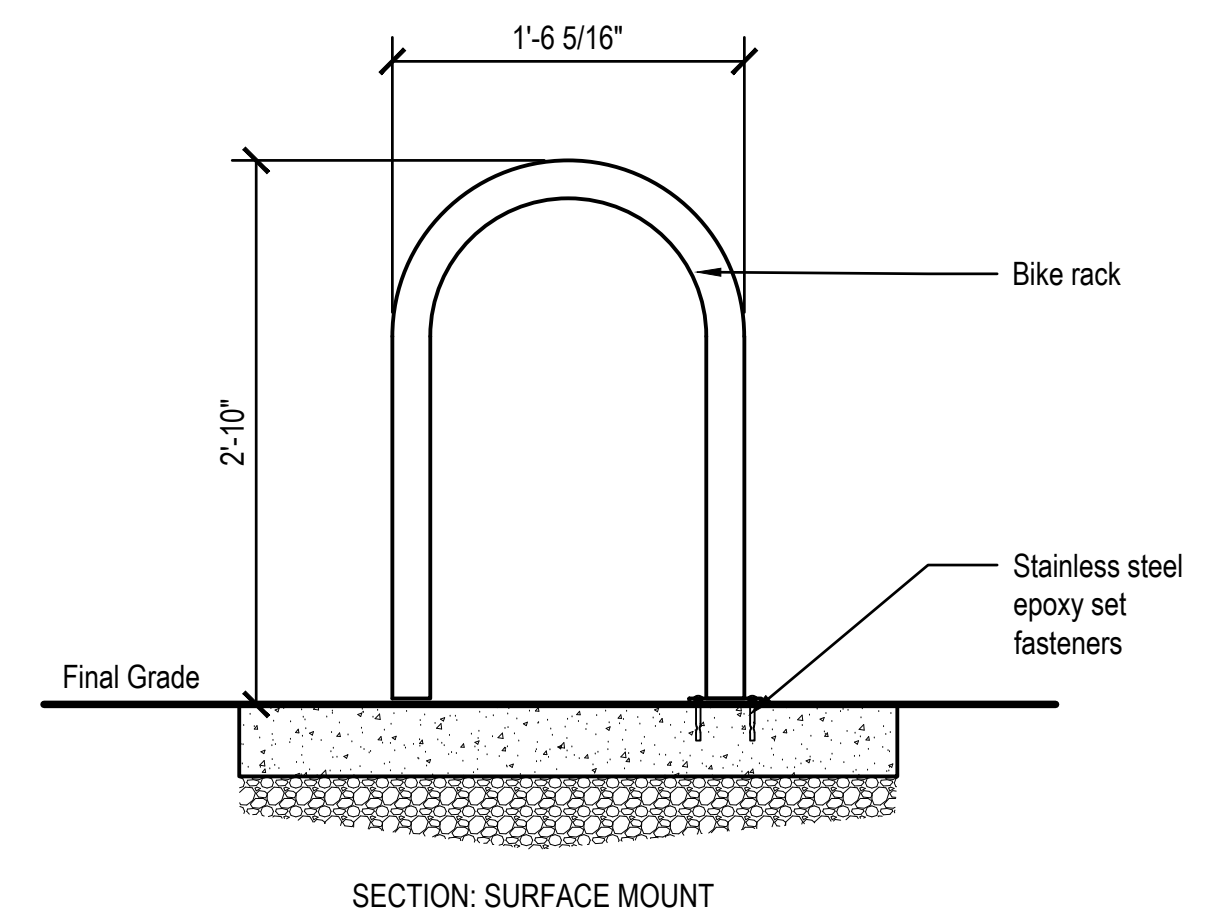
ISSUE DATE	DRAWN BY	CHECKED BY
01/15/2025	MA / DC	LM

DRAWING TITLE:  
SITE DETAILS

CERTIFIED BY:  
FREDDIE J. PRAZAU  
REGISTERED ARCHITECT  
No. 2020-0052  
STATE OF INDIANA  
LANDSCAPE ARCHITECT  
EXPIRES 12-31-2025

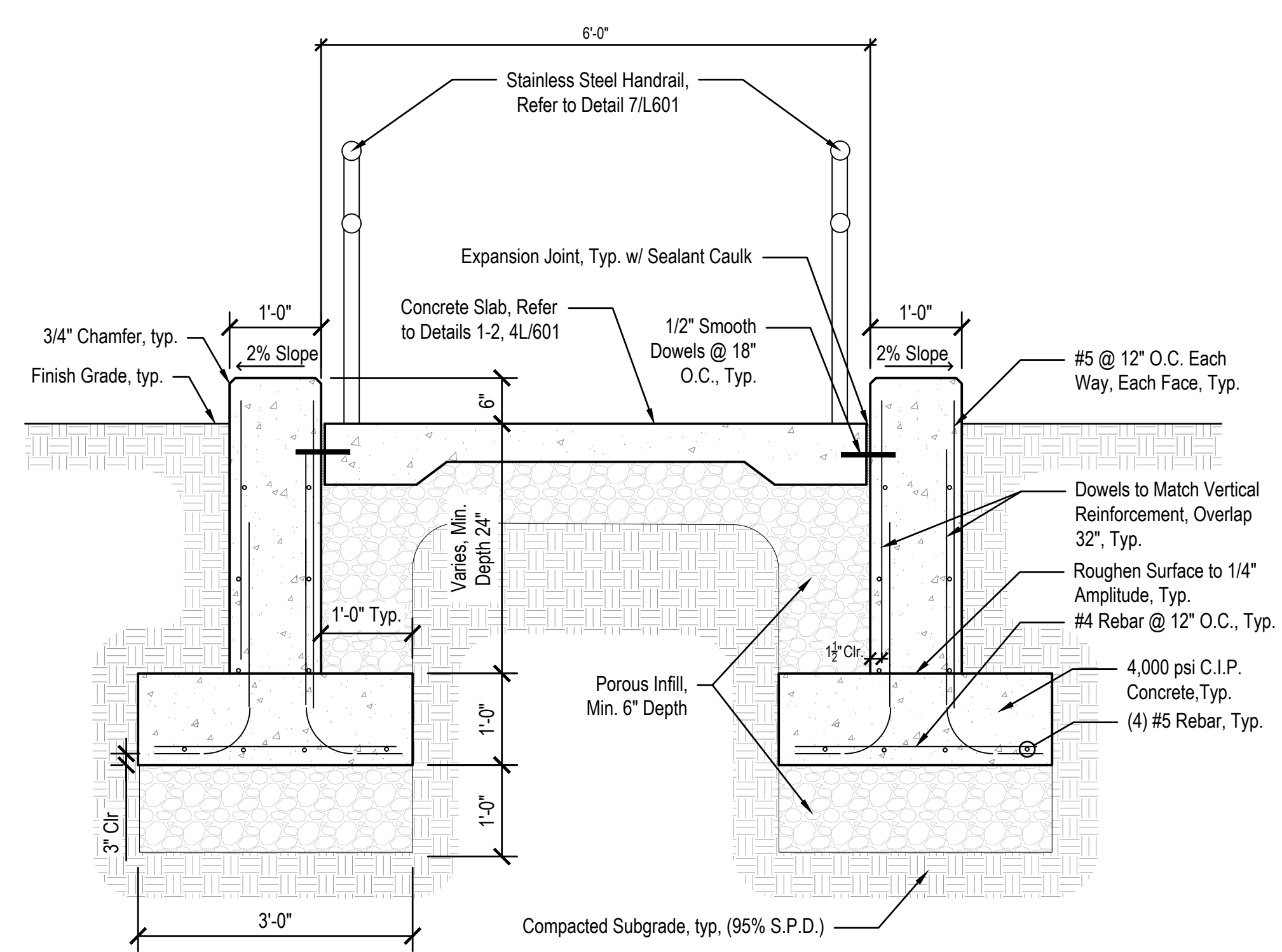
DRAWING NUMBER  
L602

PROJECT NUMBER  
2021049

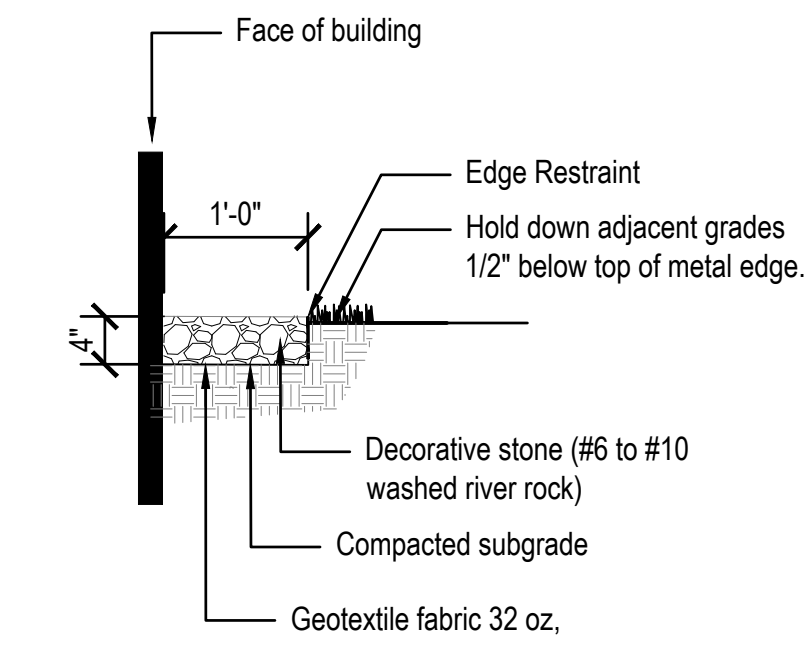


- NOTES:
1. Install bike racks per manufacturer's recommendations
  2. Finish to be powder coated Black Texture
  3. See key plans for locations and quantities
  4. Bike racks to be surface mounted

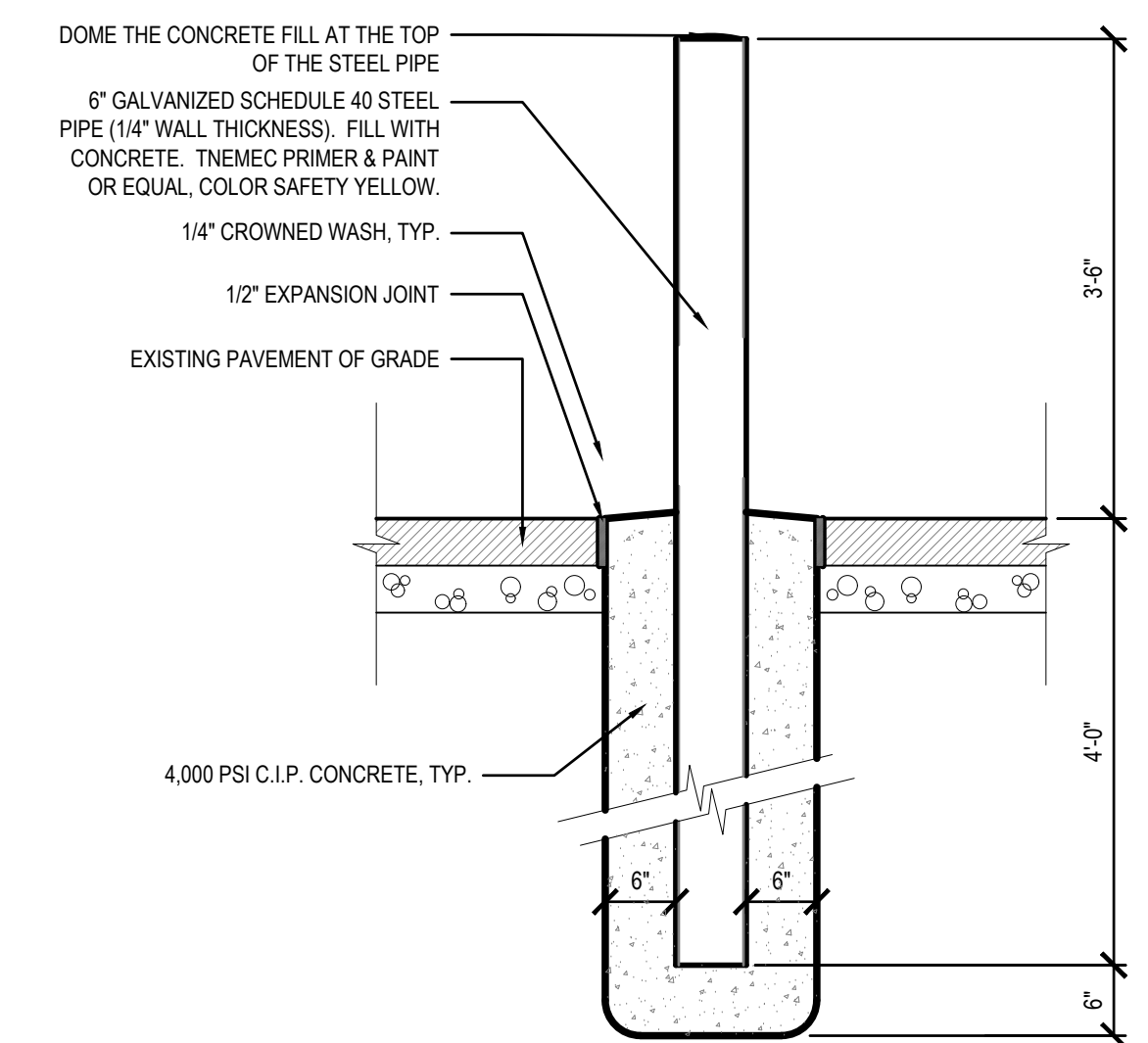
2 BIKE RACK - SURFACE MOUNT  
Scale: 1" = 1'-0"



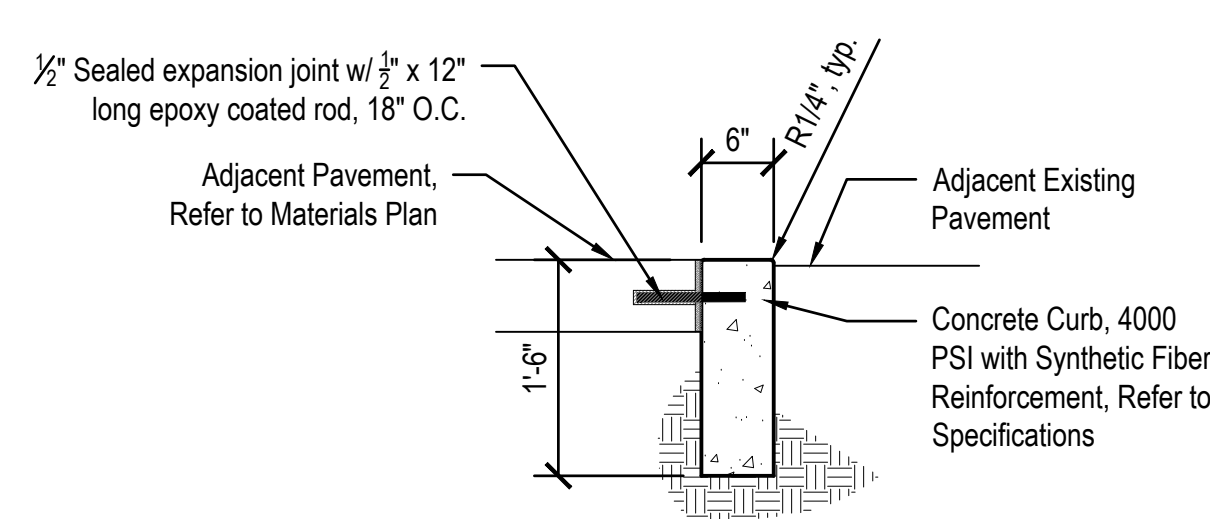
1 RAMP & WALL SYSTEM - SECTION (ADD ALTERNATE)  
Scale: 3/4" = 1'-0"



5 AGGREGATE PAVEMENT, MOW STRIP or DRIP EDGE  
Scale: 3/4" = 1'-0"



4 STEEL PIPE BOLLARD - 6"  
Scale: 3/4" = 1'-0"



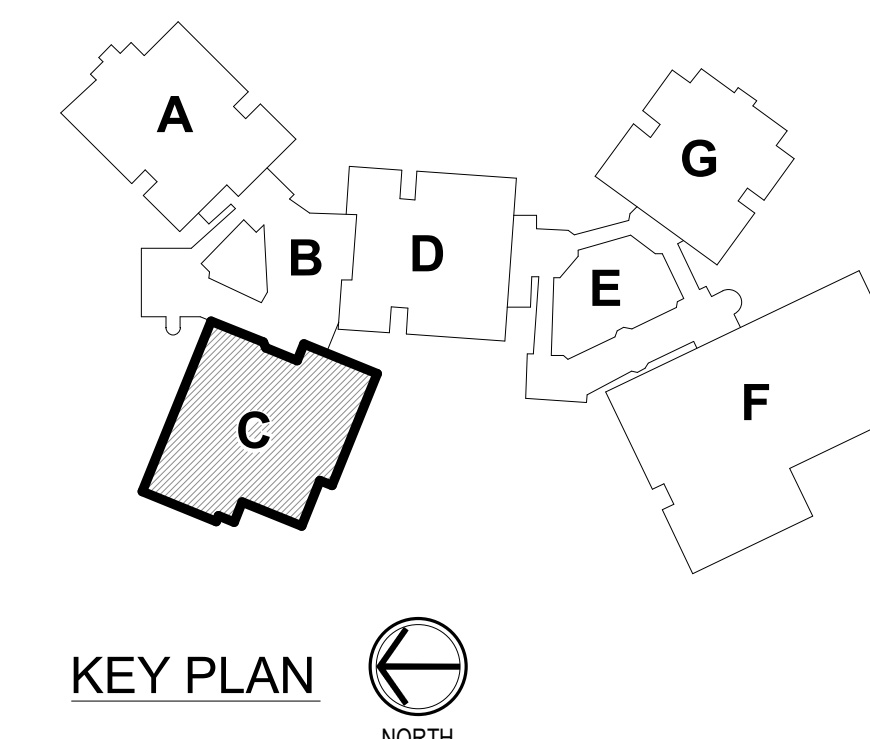
- NOTES:
1. Curb shall have 1/2" expansion joints at 40'-0" max. control joints at 8'-0" max. unless otherwise noted. See Plans for jointing layout.
  2. Control joints shall be cut 1/4" depth of total thickness of slab.

3 CURB, FLUSH 6"  
Scale: 3/4" = 1'-0"





**GROUND LEVEL - UNIT C - LIGHTING**  
 SCALE: 1/8" = 1'-0"  
 NORTH



**RENOVATION LEGEND:**

- WORK TO BE INSTALLED
- WORK TO REMAIN

**GENERAL NOTES:**

1. SEE E001 FOR GENERAL NOTES.
2. CONNECT LIGHT FIXTURE(S) AT CLASSROOM ENTRY WAYS TO EXISTING CIRCUIT AND CONTROLS IN THE AREA. REWORK AS REQUIRED AND PROVIDE WIRING.
3. UNLESS NOTED OTHERWISE, TYPE 'X4' LIGHT FIXTURES TO BE MOUNTED +8'-0" AFF.

**PLAN NOTES:**

1. CONNECT TO EXISTING LIGHTING CIRCUIT IN CORRIDOR AND PROVIDE WIRING.
2. LIGHT FIXTURE TO BE INSTALLED +8'-0" AFF.
3. MOUNT LIGHT FIXTURE TO EXISTING WIREMOLD RACEWAY IN CORRIDOR.
4. LIGHT FIXTURE(S) TO BE MOUNTED +8'-0" AFF. PROVIDE PHOTOCELL AT SAME HEIGHT AS LIGHT FIXTURE FOR CONTROLS.

**SCOPE DRAWINGS:**  
 These drawings indicate the general scope of the project. It is the responsibility of the contractor to verify the accuracy of all dimensions, materials, and electrical systems. The drawings do not necessarily indicate or describe all work required for the performance and completion of the project. On the basis of the general scope indicated on drawings, the contractor shall furnish all items required for the proper execution and completion of the work.

ISSUE DATE	DRAWN BY	CHECKED BY
01/15/25	MGE	GSR

DRAWING TITLE:  
**GROUND LEVEL  
 - UNIT C -  
 LIGHTING**

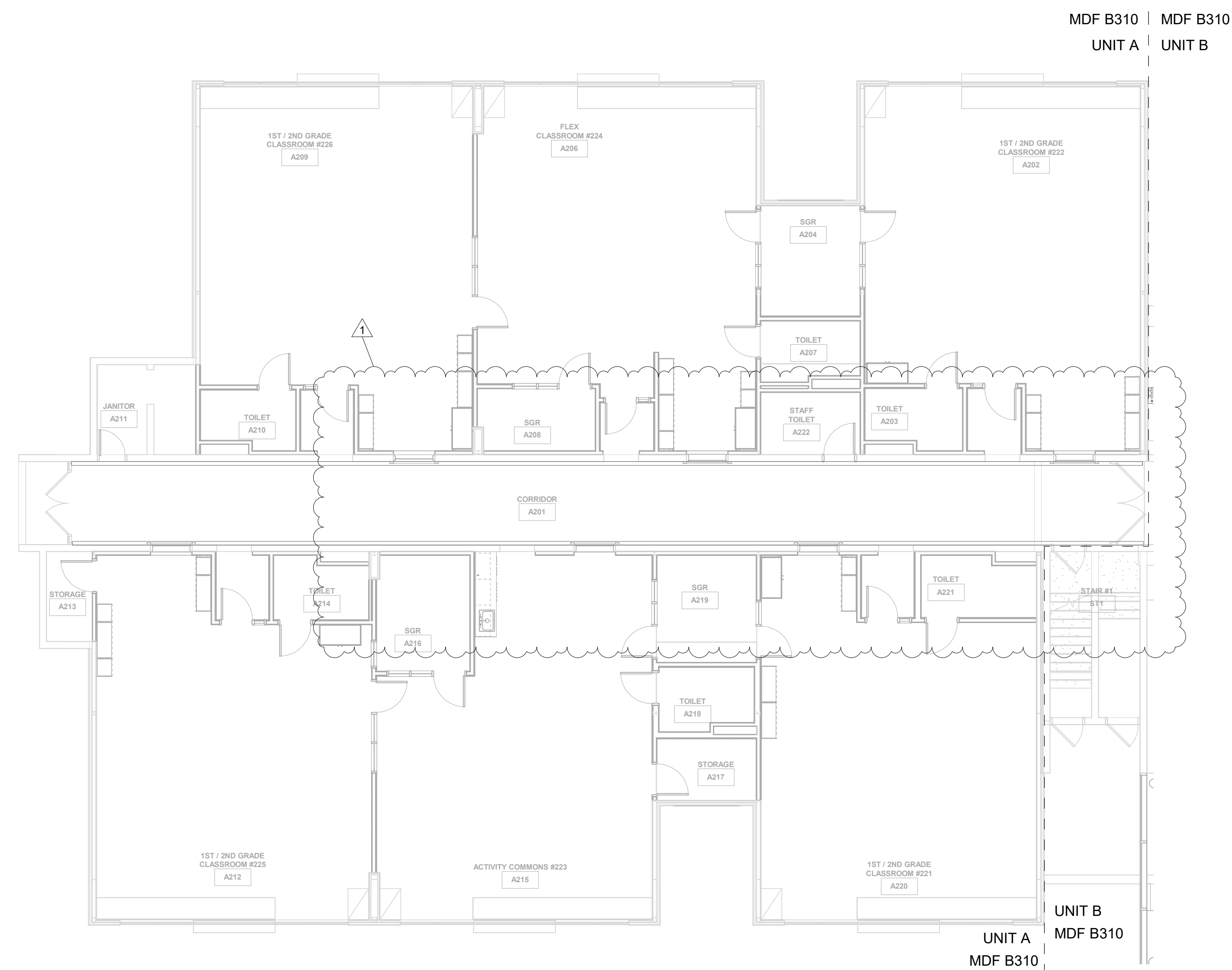
CERTIFIED BY:  
**THOMAS E. HILL**  
 No. PE19800083  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER  
 01/15/2025  
*Timothy Hill*

DRAWING NUMBER  
**E201C**

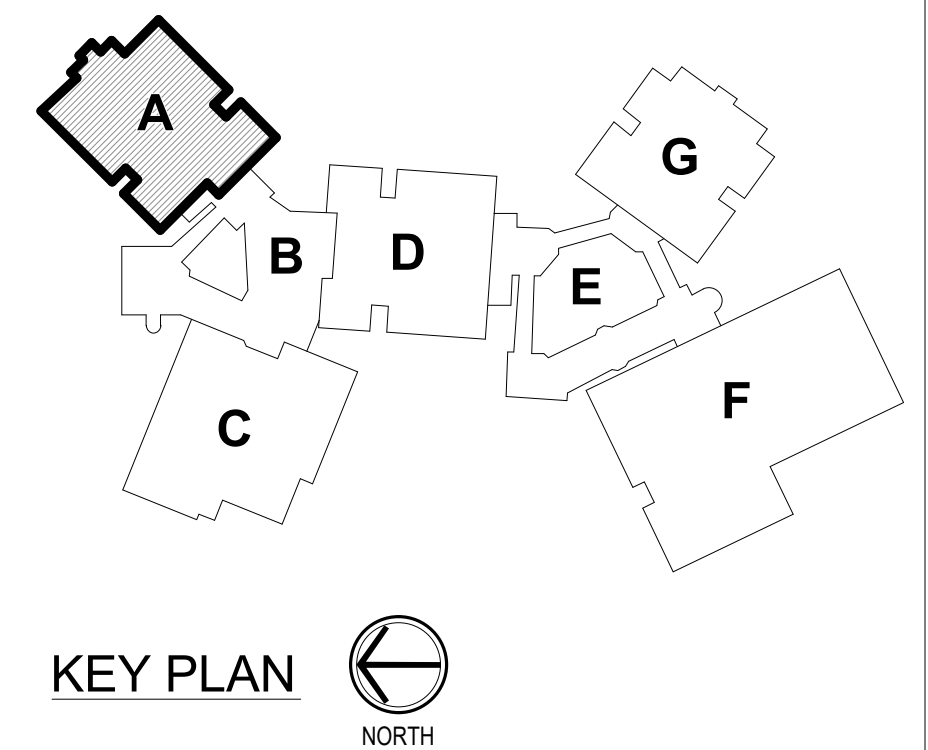
PROJECT NUMBER  
**2024023**



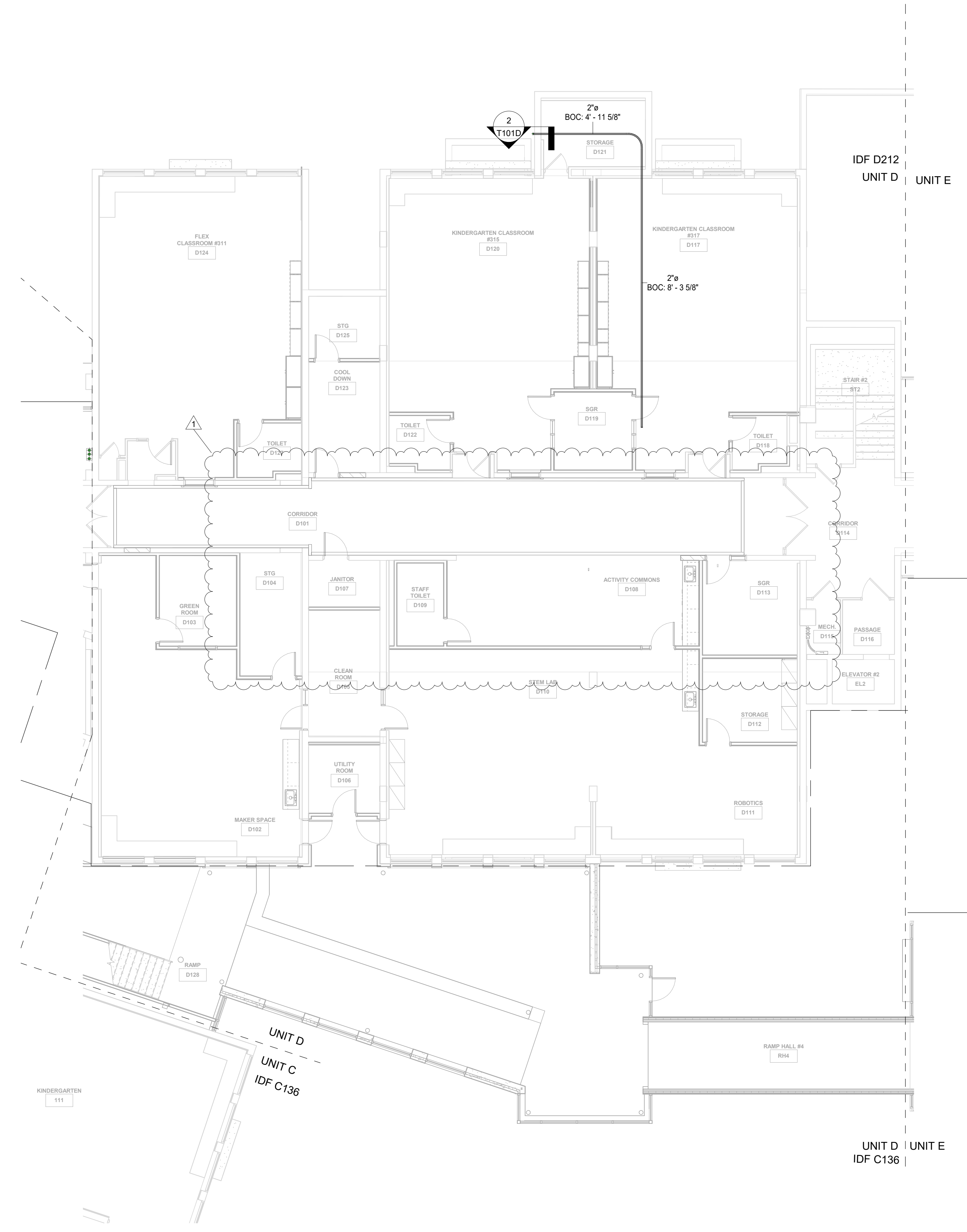
- GENERAL PATHWAYS NOTES**
- A ALL CABLING SHALL BE TERMINATED IN THE EV/TR NOTED IN THE TELECOM SCHEDULES.
  - B CONTRACTOR SHALL SUPPLY ALL CONDUIT, BOXES, AND CABLE TRAY AS REQUIRED TO ENSURE ALL TRANSMISSION MEDIA IS FULLY SUPPORTED FROM ALL DEVICE LOCATIONS TO THE POINT OF TERMINATION.
  - C ALL TELECOM PATHWAY SYSTEMS SHALL BE INDEPENDENTLY SUPPORTED FROM AND ATTACHED TO THE BUILDING STRUCTURE.
  - D ALL TELECOM PATHWAY SYSTEMS SHALL BE COMPLETELY AND PROPERLY LABELED AS REQUIRED IN REFERENCED STANDARDS.
  - E CONDUIT SYSTEMS SHALL BE PROVIDED FOR ALL PATHWAYS IN INACCESSIBLE CEILING SPACES AND WHERE EXPOSED TO PUBLIC VIEW. ALL CONDUIT SYSTEMS THROUGHOUT THE BUILDING SHALL INCLUDE PROPERLY SIZED SLEEVED PENETRATIONS WITH BUSHINGS THROUGH ALL BARRIERS.
  - F ALL TELECOM OUTLET BOXES SHALL BE A MINIMUM 4-1/16" SQUARE BOX NO LESS THAN 2-1/8" DEEP WITH A MINIMUM 1-1/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING UNLESS NOTED OTHERWISE WITHIN THE T-SERIES DRAWINGS.
  - G CORRIDOR CABLE TRAY SHALL BE PROVIDED AS REQUIRED BY THE CONTRACT DRAWINGS. REFER TO DIVISION 27 SPECIFICATIONS FOR ADDITIONAL PRODUCT DETAILS AND REQUIREMENTS.
  - H CONTRACTOR SHALL NOT EXCEED 40% FILL RATIO WITHIN ANY CONDUIT MEANT FOR TELECOMMUNICATIONS CABLING.
  - I CONTRACTOR SHALL CALCULATE FILL RATIOS BASED ON ACTUAL CATEGORY 6A CABLE ARE SHOWN HERE FOR REFERENCE PURPOSES ONLY:  
1" EMT = 5 CABLES;  
1-1/4" EMT = 9 CABLES;  
2" EMT = 21 CABLES;  
3" EMT = 57 CABLES;  
4" EMT = 93 CABLES
  - J CONDUIT RUNS SHALL NOT EXCEED 100 FEET WITHOUT A PULLING POINT AND SHALL NOT INCLUDE MORE THAN TWO 90° BENDS BETWEEN PULLING POINTS. IF THE PATH OF THE CONDUIT RUN REQUIRES BENDS EXCEEDING A TOTAL OF 180°, INSTALLATION OF AN APPROPRIATELY SIZED JUNCTION BOX IS REQUIRED.
  - K CONTRACTOR SHALL PROVIDE PROPERLY RATED FIRE STOP SYSTEMS FOR ALL CONDUIT AND/OR CABLE TRAY ENTERING THE TELECOMMUNICATIONS ROOMS. EACH CONTRACTOR IS RESPONSIBLE FOR SEALING PENETRATIONS AFTER EACH SCOPE OF WORK IS COMPLETED.
  - L CONTRACTOR SHALL PROVIDE FIRE STOPS TO SEAL ALL PENETRATIONS THROUGH FLOORS, WALLS, STAIRS, AND ELEVATORS AS NECESSARY TO MEET CODE REQUIREMENTS. FIRE STOPS SHALL BE PROVIDED IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS.



GROUND LEVEL DISTRIBUTION PLAN - UNIT A  
1/8" = 1'-0"

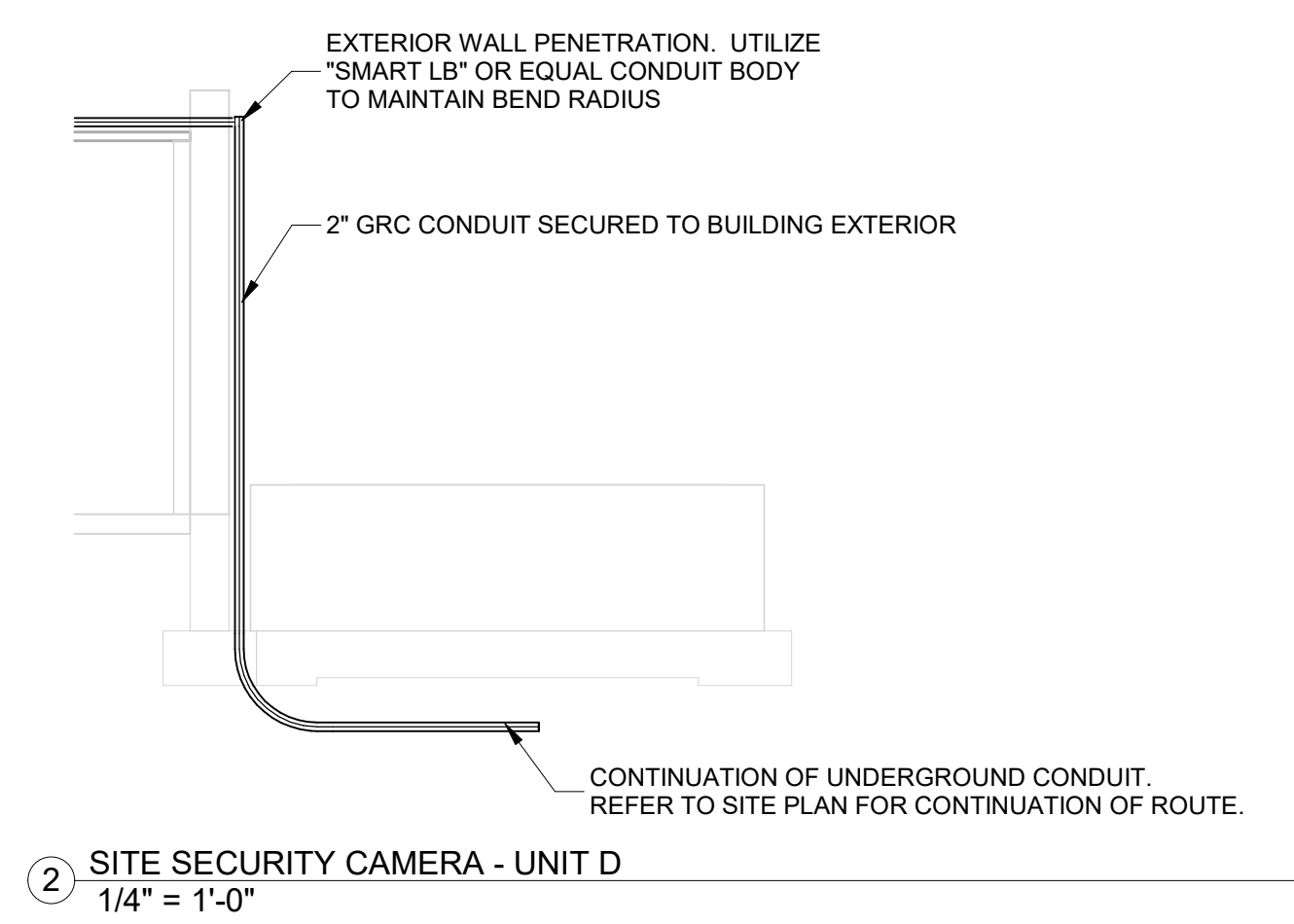




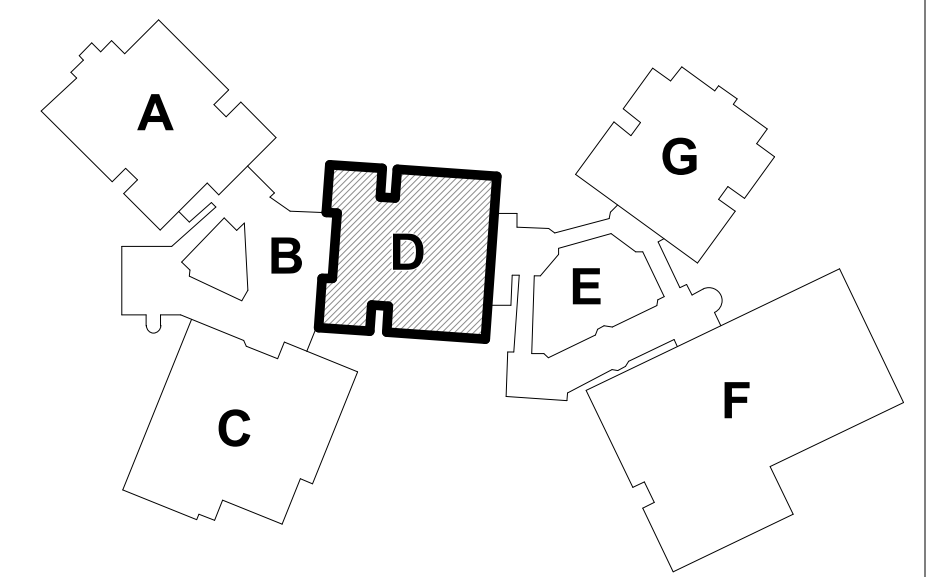


GROUND LEVEL DISTRIBUTION PLAN - UNIT D  
 1 1/8" = 1'-0"

- GENERAL PATHWAYS NOTES**
- A ALL CABLING SHALL BE TERMINATED IN THE EVTR NOTED IN THE TELECOM SCHEDULES.
  - B CONTRACTOR SHALL SUPPLY ALL CONDUIT, BOXES, AND CABLE TRAY AS REQUIRED TO ENSURE ALL TRANSMISSION MEDIA IS FULLY SUPPORTED FROM ALL DEVICE LOCATIONS TO THE POINT OF TERMINATION.
  - C ALL TELECOM PATHWAY SYSTEMS SHALL BE INDEPENDENTLY SUPPORTED FROM AND ATTACHED TO THE BUILDING STRUCTURE.
  - D ALL TELECOM PATHWAY SYSTEMS SHALL BE COMPLETELY AND PROPERLY LABELED AS REQUIRED IN REFERENCED STANDARDS.
  - E CONDUIT SYSTEMS SHALL BE PROVIDED FOR ALL PATHWAYS IN INACCESSIBLE CEILING SPACES AND WHERE EXPOSED TO PUBLIC VIEW. ALL CONDUIT SYSTEMS THROUGHOUT THE BUILDING SHALL INCLUDE PROPERLY SIZED SLEEVED PENETRATIONS WITH BUSHINGS THROUGH ALL BARRIERS.
  - F ALL TELECOM OUTLET BOXES SHALL BE A MINIMUM 4-1/16" SQUARE BOX NO LESS THAN 2-1/8" DEEP WITH A MINIMUM 1-1/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING UNLESS NOTED OTHERWISE WITHIN THE T-SERIES DRAWINGS.
  - G CORRIDOR CABLE TRAY SHALL BE PROVIDED AS REQUIRED BY THE CONTRACT DRAWINGS. REFER TO DIVISION 27 SPECIFICATIONS FOR ADDITIONAL PRODUCT DETAILS AND REQUIREMENTS.
  - H CONTRACTOR SHALL NOT EXCEED 40% FILL RATIO WITHIN ANY CONDUIT MEANT FOR TELECOMMUNICATIONS CABLING.
  - I CONTRACTOR SHALL CALCULATE FILL RATIOS BASED ON ACTUAL CATEGORY 6A CABLE ARE SHOWN HERE FOR REFERENCE PURPOSES ONLY:  
 1" EMT = 5 CABLES;  
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2 SITE SECURITY CAMERA - UNIT D  
 1/4" = 1'-0"



KEY PLAN  
 NORTH

**SCOPE DRAWINGS:**  
 These drawings indicate the general scope of the project in terms of mechanical, electrical, plumbing, and fire protection. The drawings do not necessarily indicate or describe all work required for the performance, installation and completion of the project.  
 On the basis of the general scope indicated on drawings, the trade contractors shall furnish all items required for the proper execution and completion of the work.

**REVISIONS:**

1	Addendum 04	02/12/2025
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ISSUE DATE	DRAWN BY	CHECKED BY
01/15/25	MKD	JKK

DRAWING TITLE:  
**GROUND LEVEL DISTRIBUTION PLAN - UNIT D**

CERTIFIED BY:  
  
**Jared Klingler**  
 BICSI ID # 407182  
 EXPIRES 12-31-27  
 RCDD

DRAWING NUMBER  
**T101D**

PROJECT NUMBER  
**2024023**



**GENERAL HORIZONTAL CABLING NOTES**

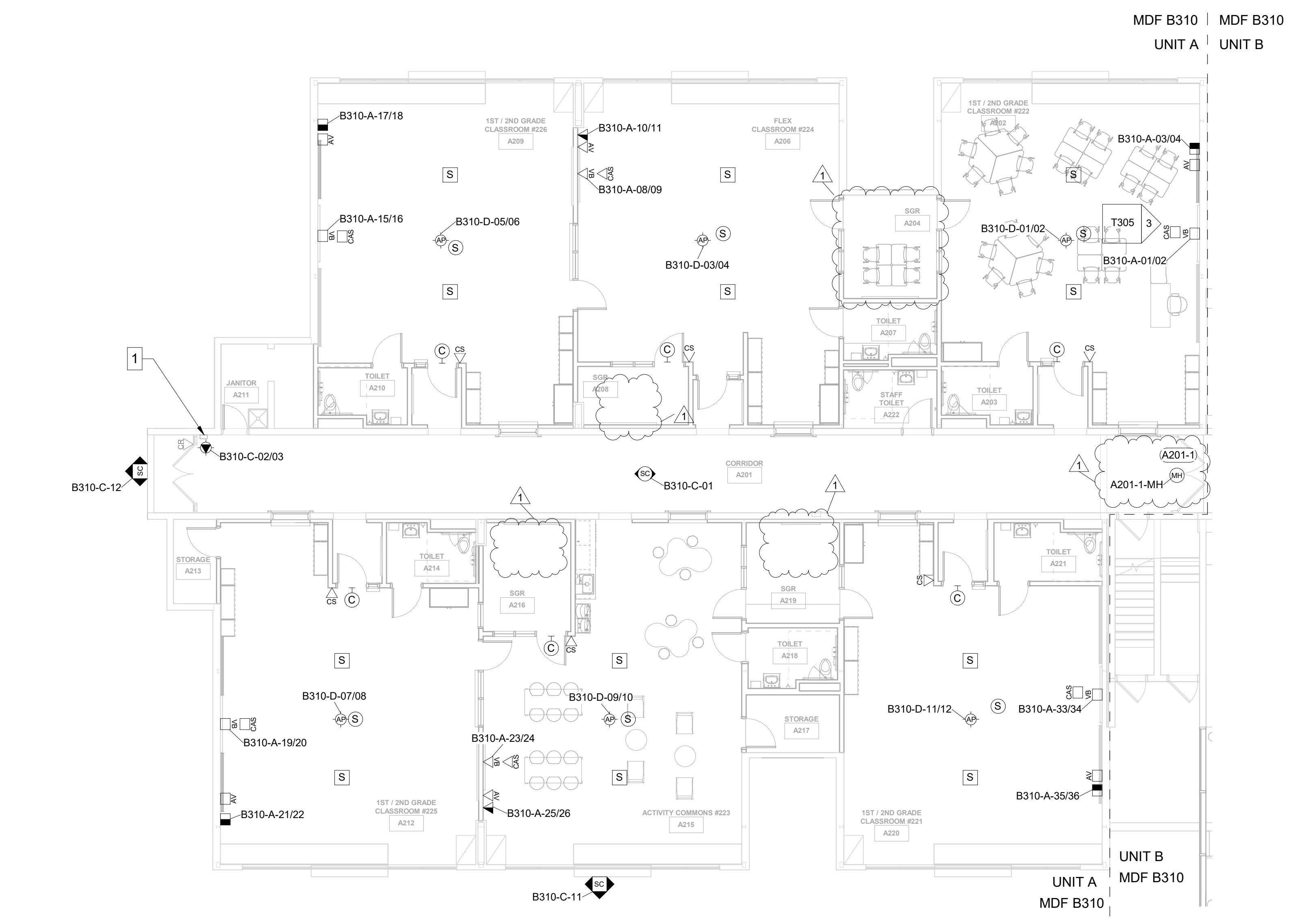
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- PROVIDE A MINIMUM 10 FOOT MAINTENANCE LOOP ON EACH HORIZONTAL CABLING RUN. MAINTENANCE LOOPS SHALL BE STORED ABOVE ACCESSIBLE CEILING, IN CABLE TRAY, AND IN TELECOMMUNICATION ROOM CABLE TRAY. CABLING ABOVE CEILING SHALL BE SUSPENDED FROM APPROPRIATE SUPPORTS AND SHALL NOT TOUCH THE CEILING.
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- ALL CLOCK LOCATIONS SHOWN ON T200 SERIES SHEETS SHALL BE INSTALLED UTILIZING EXISTING CLOCKS REMOVED AND STORED DURING DEMOLITION. RETURN ALL REMAINING CLOCKS TO OWNER AT END OF PROJECT.

**TECHNOLOGY LEGEND**

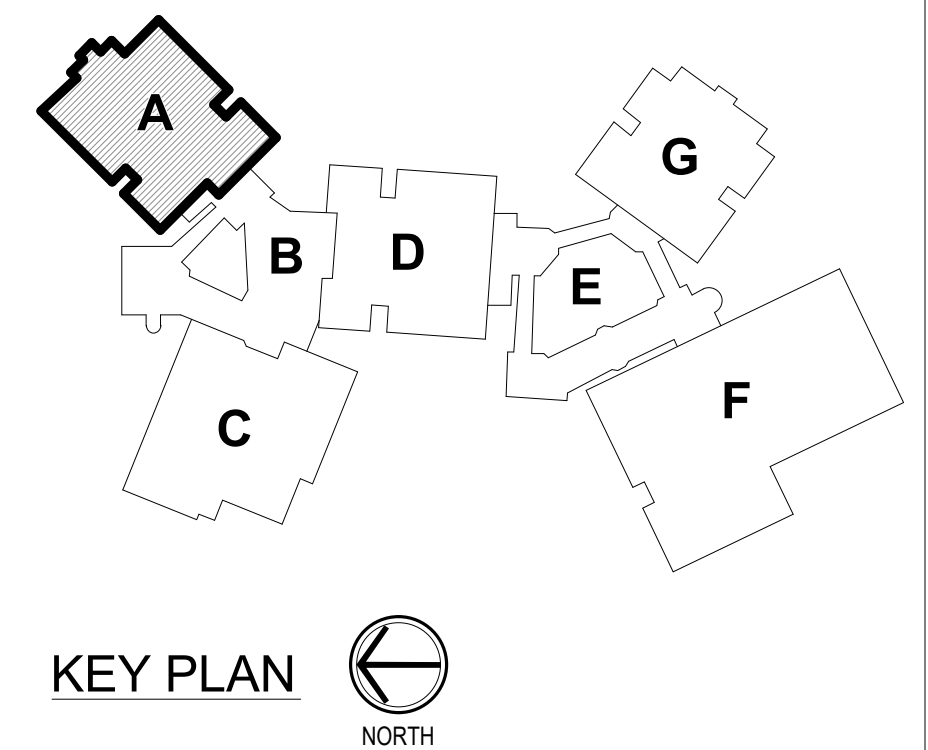
- ▲ ABOVE CEILING SECURITY DATA LOCATION
- ▼ DATA LOCATION - FLUSH MOUNTED
- DATA LOCATION - SURFACE MOUNTED
- ▼ DATA RE-CABLE LOCATION - FLUSH MOUNTED
- DATA RE-CABLE LOCATION - SURFACE MOUNTED
- MB MONITOR LOCATION
- FB FLOOR BOX LOCATION
- WP WALL PHONE LOCATION
- WA WIRELESS ACCESS POINT - CEILING MOUNTED
- WA WIRELESS ACCESS POINT - WALL MOUNTED
- AV1 AV INPUT LOCATION TYPE 1 - FLUSH MOUNTED
- AV2 AV INPUT LOCATION TYPE 2 - FLUSH MOUNTED
- AV1 AV INPUT LOCATION TYPE 1 - SURFACE MOUNTED
- AV2 AV INPUT LOCATION TYPE 2 - SURFACE MOUNTED
- AVB AV FLOOR BOX LOCATION
- CS CALL SWITCH LOCATION
- C CLOCK LOCATION
- CA CLASSROOM AUDIO SYSTEM LOCATION (BY OTHERS)
- S PAGING SPEAKER - CEILING MOUNTED (BY OTHERS)
- WP PAGING SPEAKER - WALL FLUSH MOUNTED
- SP PAGING SPEAKER - WALL SURFACE MOUNTED
- S PROGRAM SPEAKERS (BY OTHERS)
- VB VIDEO BOARD LOCATION - FLUSH MOUNTED
- VS VIDEO BOARD LOCATION - SURFACE MOUNTED
- CR CARD READER LOCATION
- MR CARD READER - MULLION MOUNTED
- DS DOOR POSITION SENSOR LOCATION
- DR DURESS AND DOOR RELEASE BUTTON ASSEMBLY
- MH MAGNETIC HOLD LOCATION
- SC SECURITY CAMERA - CEILING MOUNTED
- SW SECURITY CAMERA - WALL MOUNTED
- VI VIDEO INTERCOM DOOR STATION
- AS VIDEO INTERCOM ANSWERING STATION

**SHEET NOTES**

1 EXISTING LEVELS2 MICRONODE PLUS AND ALL CONNECTED DEVICES TO REMAIN.



GROUND LEVEL TECHNOLOGY PLAN -  
UNIT A  
1/8" = 1'-0"





**GENERAL HORIZONTAL CABLING NOTES**

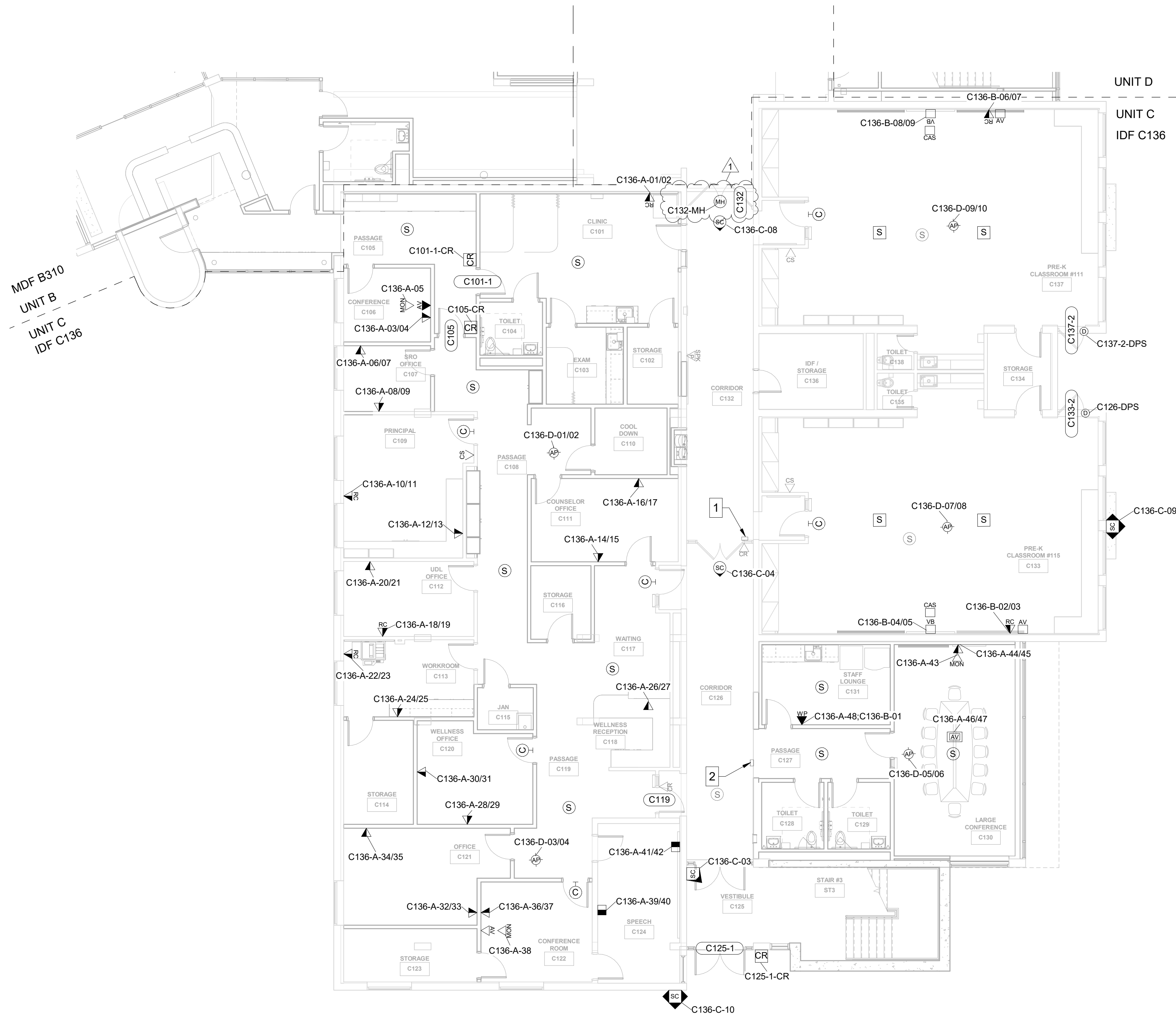
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**TECHNOLOGY LEGEND**

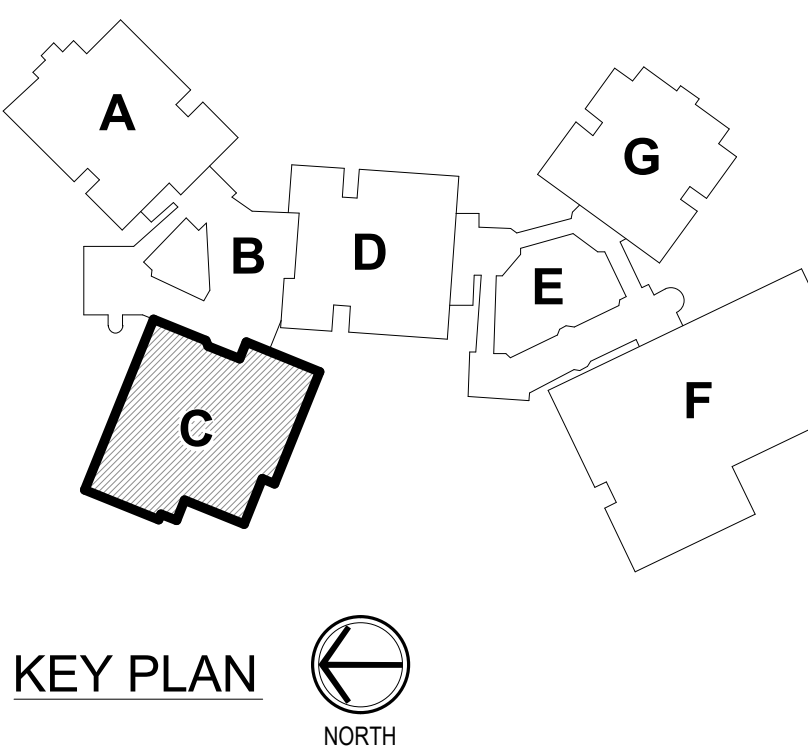
- ▲ ABOVE CEILING SECURITY DATA LOCATION
- ▼ DATA LOCATION - FLUSH MOUNTED
- DATA LOCATION - SURFACE MOUNTED
- ▾ DATA RE-CABLE LOCATION - FLUSH MOUNTED
- ▿ DATA RE-CABLE LOCATION - SURFACE MOUNTED
- ☐ FLOOR BOX LOCATION
- ☐ MONITOR LOCATION
- ☐ WALL PHONE LOCATION
- ☐ WIRELESS ACCESS POINT - CEILING MOUNTED
- ☐ WIRELESS ACCESS POINT - WALL MOUNTED
- ☐ AV INPUT LOCATION TYPE 1 - FLUSH MOUNTED
- ☐ AV INPUT LOCATION TYPE 2 - FLUSH MOUNTED
- ☐ AV INPUT LOCATION TYPE 1 - SURFACE MOUNTED
- ☐ AV FLOOR BOX LOCATION
- ☐ CALL SWITCH LOCATION
- ☐ CLOCK LOCATION
- ☐ CLASSROOM AUDIO SYSTEM LOCATION (BY OTHERS)
- ☐ PAGING SPEAKER - CEILING MOUNTED (BY OTHERS)
- ☐ PAGING SPEAKER - WALL FLUSH MOUNTED
- ☐ PAGING SPEAKER - WALL SURFACE MOUNTED
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- ☐ VIDEO BOARD LOCATION - FLUSH MOUNTED
- ☐ VIDEO BOARD LOCATION - SURFACE MOUNTED
- ☐ CARD READER LOCATION
- ☐ CARD READER - MULLION MOUNTED
- ☐ DOOR POSITION SENSOR LOCATION
- ☐ DURESS AND DOOR RELEASE BUTTON ASSEMBLY
- ☐ MAGNETIC HOLD LOCATION
- ☐ SECURITY CAMERA - CEILING MOUNTED
- ☐ SECURITY CAMERA - WALL MOUNTED
- ☐ VIDEO INTERCOM DOOR STATION
- ☐ VIDEO INTERCOM ANSWERING STATION

**SHEET NOTES**

- NEW LENEL S2 MICRONODE PLUS TO SERVE CARD READER AT DOOR C126 AND MONITORING AT DOORS C133-2 AND C137-2
- NEW LENEL S2 MICRONODE PLUS TO SERVE CARD READERS AT DOORS C119 AND C125-1.



GROUND LEVEL TECHNOLOGY PLAN - UNIT C  
1/8" = 1'-0"



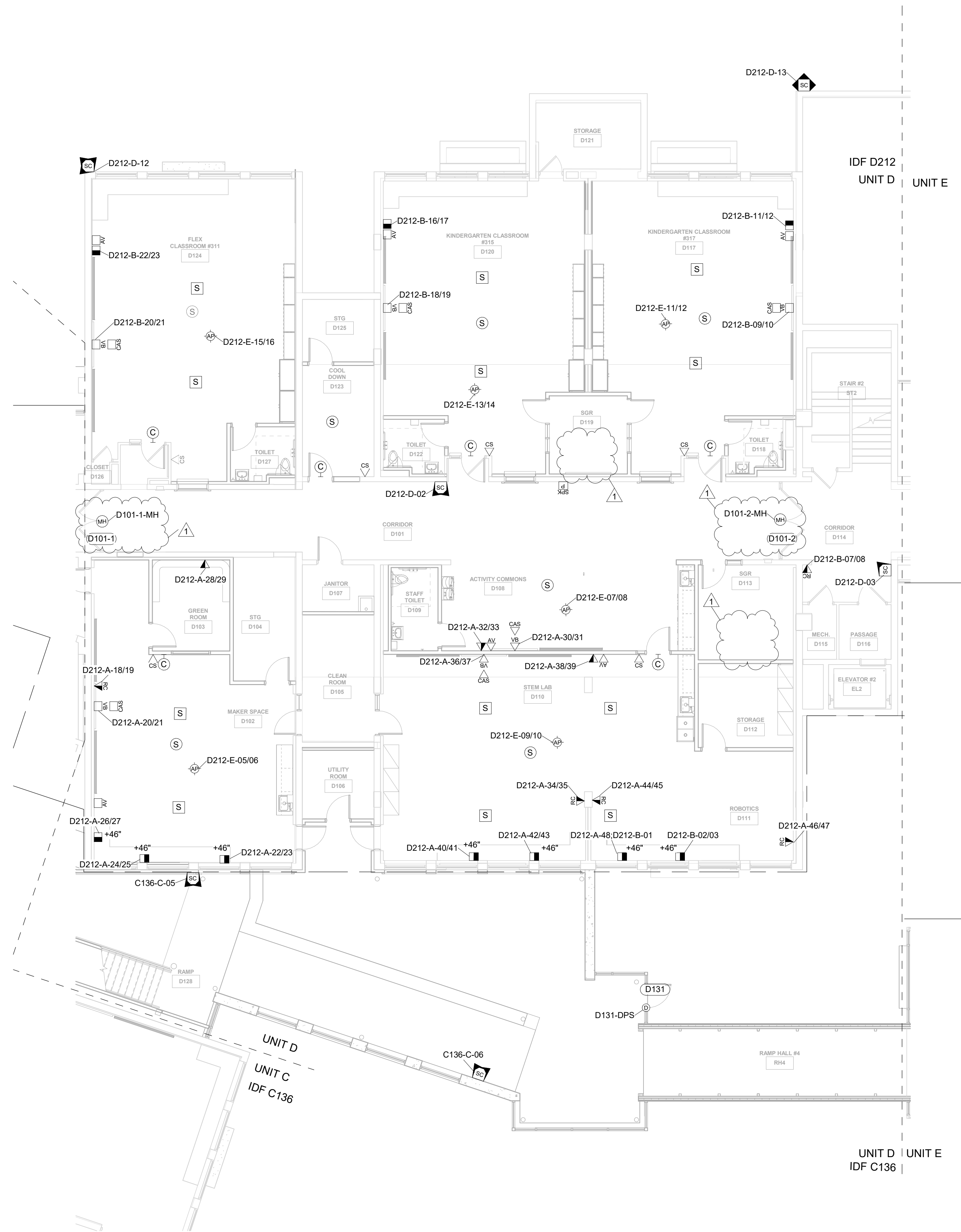


**GENERAL HORIZONTAL CABLING NOTES**

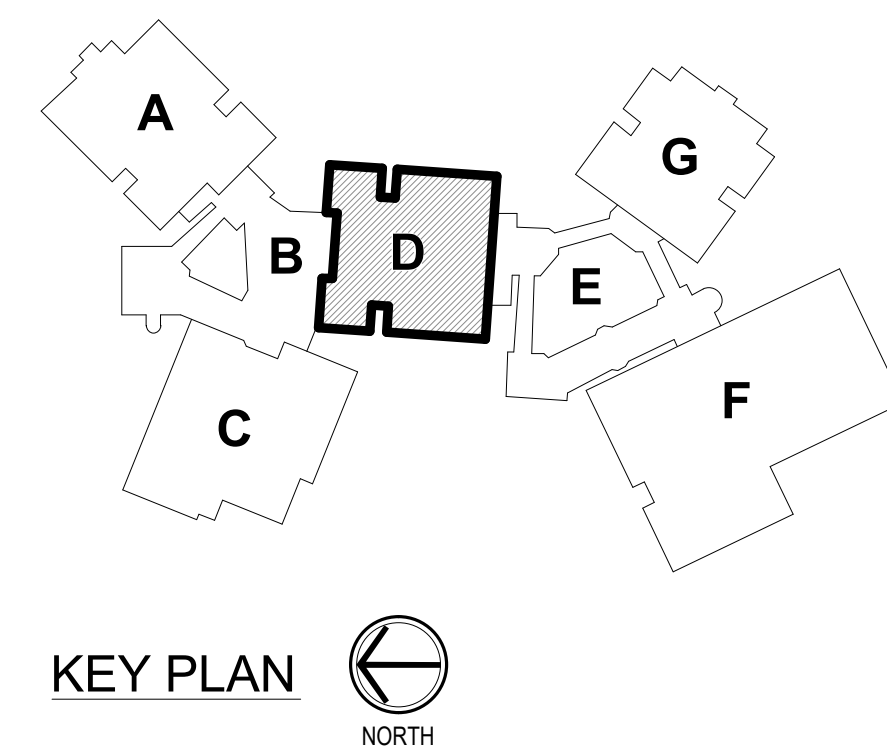
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- K ALL CLOCK LOCATIONS SHOWN ON T200 SERIES SHEETS SHALL BE INSTALLED UTILIZING EXISTING CLOCKS REMOVED AND STORED DURING DEMOLITION. RETURN ALL REMAINING CLOCKS TO OWNER AT END OF PROJECT.

**TECHNOLOGY LEGEND**

- ▲ ABOVE CEILING SECURITY DATA LOCATION
- ▼ DATA LOCATION - FLUSH MOUNTED
- DATA LOCATION - SURFACE MOUNTED
- ▬ DATA RE-CABLE LOCATION - FLUSH MOUNTED
- ▬ DATA RE-CABLE LOCATION - SURFACE MOUNTED
- ☐ FLOOR BOX LOCATION
- MON MONITOR LOCATION
- ▼ WALL PHONE LOCATION
- ▲ WIRELESS ACCESS POINT - CEILING MOUNTED
- ▲ WIRELESS ACCESS POINT - WALL MOUNTED
- ▼ AV INPUT LOCATION TYPE 1 - FLUSH MOUNTED
- ▼ AV INPUT LOCATION TYPE 2 - FLUSH MOUNTED
- ▼ AV FLOOR BOX LOCATION
- ▼ AV FLOOR BOX LOCATION
- ☐ CALL SWITCH LOCATION
- CLOCK LOCATION
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- SC SECURITY CAMERA - WALL MOUNTED
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- AS VIDEO INTERCOM ANSWERING STATION



GROUND LEVEL TECHNOLOGY PLAN - UNIT D  
1/8" = 1'-0"



KEY PLAN  
NORTH



**GENERAL HORIZONTAL CABLING NOTES**

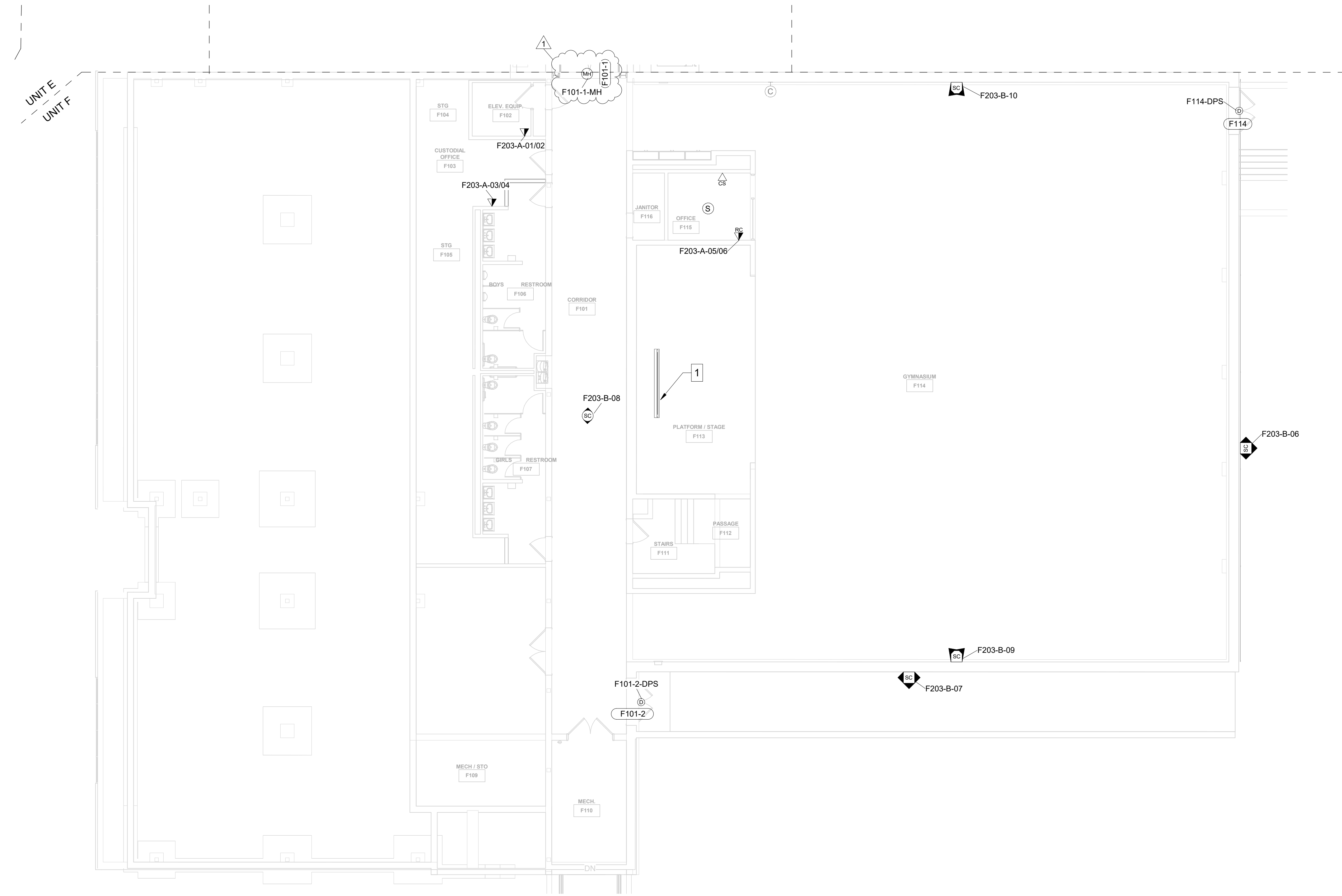
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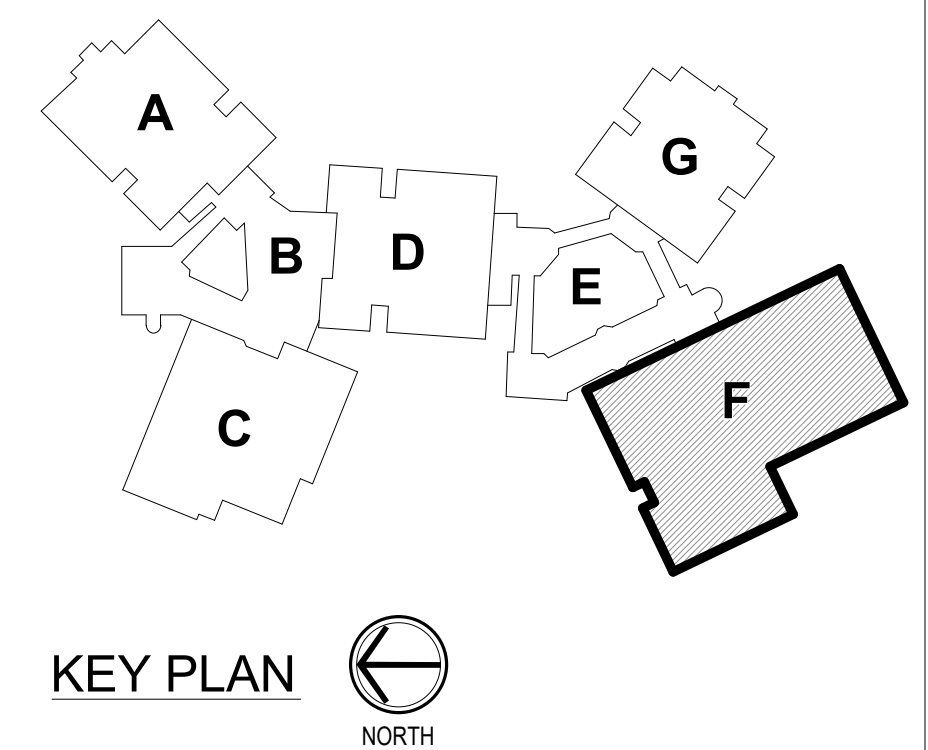
- ▲ ABOVE CEILING SECURITY CAMERA LOCATION
- ▼ DATA LOCATION - FLUSH MOUNTED
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- ☒ MAGNETIC HOLD LOCATION
- ☒ SECURITY CAMERA - CEILING MOUNTED
- ☒ SECURITY CAMERA - WALL MOUNTED
- ☒ VIDEO INTERCOM DOOR STATION
- ☒ VIDEO INTERCOM ANSWERING STATION

**SHEET NOTES**

1 EXISTING CEILING MOUNTED PROJECTOR SCREEN TO REMAIN.



GROUND LEVEL TECHNOLOGY PLAN -  
UNIT F  
1/8" = 1'-0"



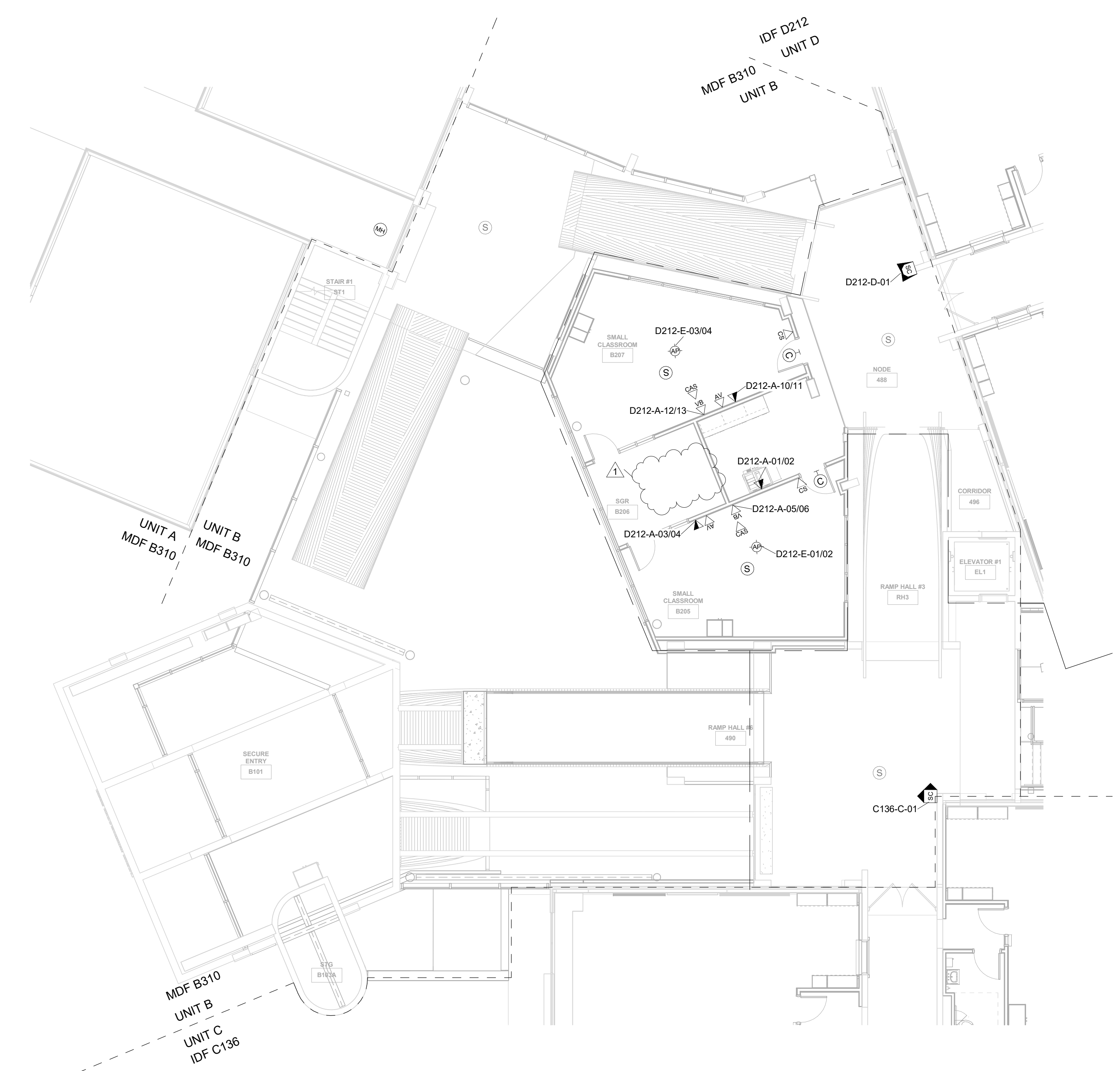


**GENERAL HORIZONTAL CABLING NOTES**

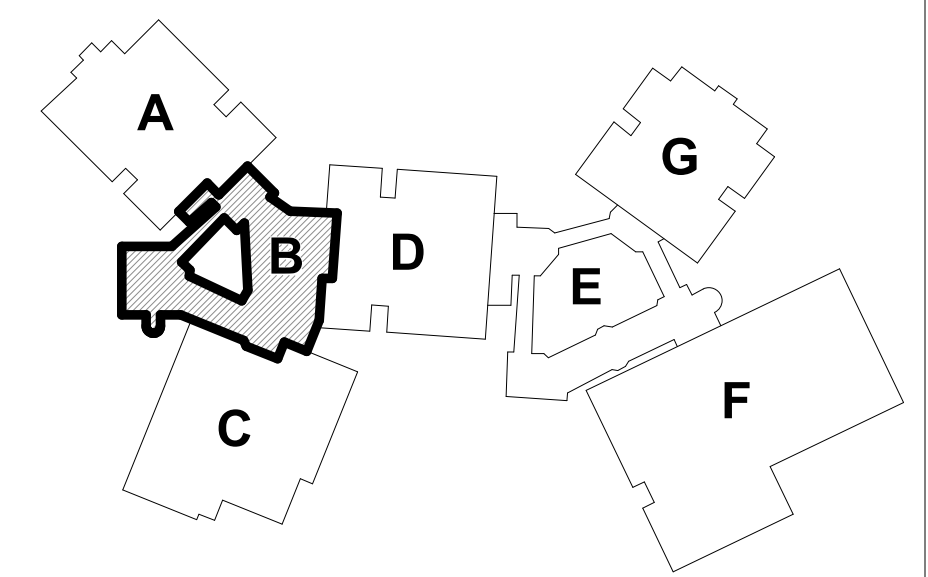
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- ☐ MAGNETIC HOLD LOCATION
- ☐ SECURITY CAMERA - CEILING MOUNTED
- ☐ SECURITY CAMERA - WALL MOUNTED
- ☐ VIDEO INTERCOM DOOR STATION
- ☐ VIDEO INTERCOM ANSWERING STATION



SECOND LEVEL TECHNOLOGY PLAN - UNIT B  
1/8" = 1'-0"



KEY PLAN  
NORTH

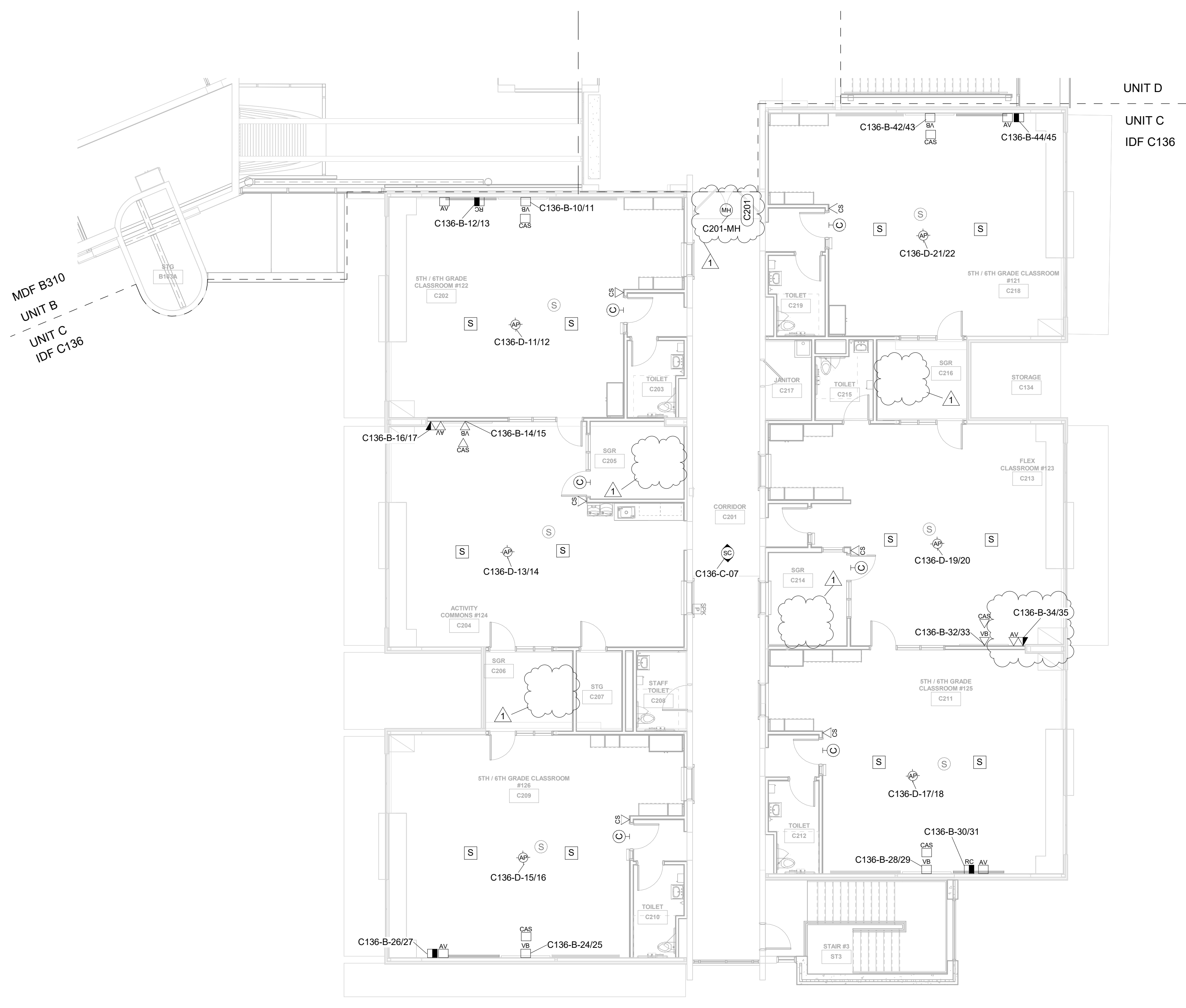


**GENERAL HORIZONTAL CABLING NOTES**

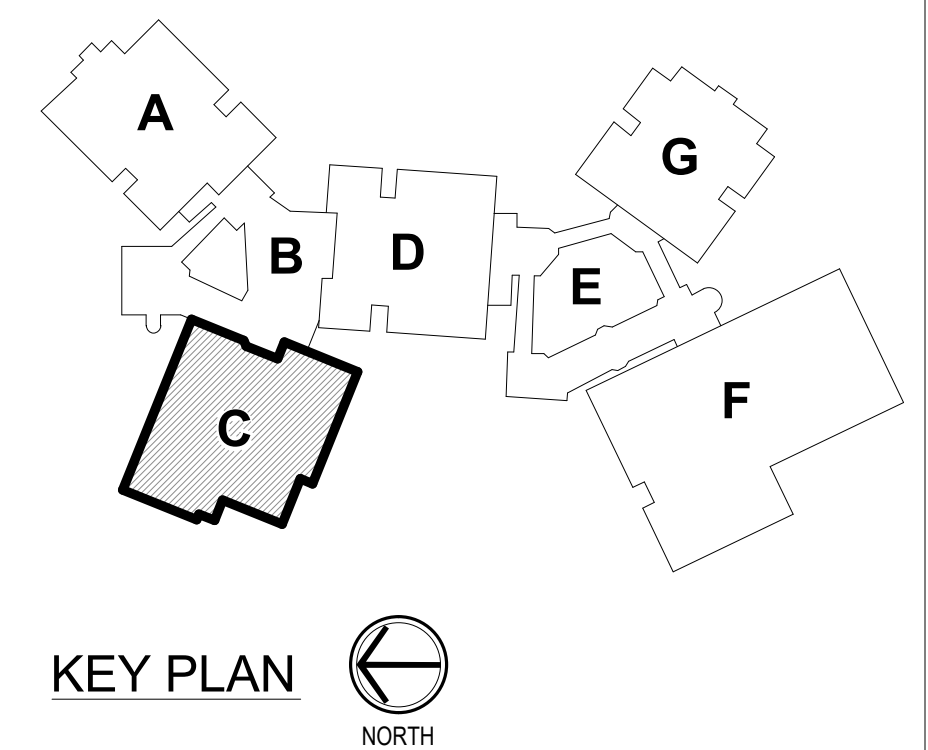
- MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.
- CONTRACTOR SHALL PROVIDE A DOCUMENTED MANUFACTURER CERTIFIED SOLUTION INCLUDING THE MINIMUM PERFORMANCE AND APPLICATIONS WARRANTY.
- PAINTING OF THE STRUCTURED CABLING WILL VOID THE WARRANTY. ENSURE PROPER COORDINATION WITH PAINTING CONTRACTOR SO THAT ALL STRUCTURED CABLING IS PROTECTED PRIOR TO ANY PAINTING.
- PROVIDE A MINIMUM 10 FOOT MAINTENANCE LOOP ON EACH HORIZONTAL CABLING RUN. MAINTENANCE LOOPS SHALL BE STORED ABOVE ACCESSIBLE CEILING, IN CABLE TRAY, AND IN TELECOMMUNICATION ROOM CABLE TRAY. CABLING ABOVE CEILING SHALL BE SUSPENDED FROM APPROPRIATE SUPPORTS AND SHALL NOT TOUCH THE CEILING.
- ALL PINGPAIR ASSIGNMENTS SHALL BE T568B.
- REFER TO SPECIFICATION SECTION 27.15.13 FOR CABLE JACKET COLOR REQUIREMENTS.
- LABELING SHALL BE COMPLETED AS DEFINED IN THE CONTRACT DOCUMENTS AND SHALL BE COORDINATED WITH THE OWNER.
- PROVIDE ALL TELECOMMUNICATION OUTLETS AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO PROVIDE CONNECTIONS FOR EACH DEVICE SHOWN ON THE DRAWINGS.
- ALL TESTING OF HORIZONTAL CABLING SHALL BE COMPLETED AS DIRECTED BY THE PROJECT SPECIFICATIONS. ALL CABLING MUST BE TESTED AND CERTIFIED TO THE APPLICABLE STANDARDS.
- ALL WIRELESS ACCESS POINTS SHALL BE OWNER FURNISHED AND OWNER INSTALLED.
- ALL CLOCK LOCATIONS SHOWN ON T200 SERIES SHEETS SHALL BE INSTALLED UTILIZING EXISTING CLOCKS REMOVED AND STORED DURING DEMOLITION. RETURN ALL REMAINING CLOCKS TO OWNER AT END OF PROJECT.

**TECHNOLOGY LEGEND**

- ▲ ABOVE CEILING SECURITY DATA LOCATION
- ▼ DATA LOCATION - FLUSH MOUNTED
- DATA LOCATION - SURFACE MOUNTED
- ▬ DATA RE-CABLE LOCATION - FLUSH MOUNTED
- ▬ DATA RE-CABLE LOCATION - SURFACE MOUNTED
- ☐ FLOOR BOX LOCATION
- MON MONITOR LOCATION
- ▼ WALL PHONE LOCATION
- ⊙ WIRELESS ACCESS POINT - CEILING MOUNTED
- ⊙ WIRELESS ACCESS POINT - WALL MOUNTED
- ▲ AV INPUT LOCATION TYPE 1 - FLUSH MOUNTED
- ▲ AV INPUT LOCATION TYPE 2 - FLUSH MOUNTED
- ▲ AV INPUT LOCATION TYPE 1 - SURFACE MOUNTED
- ☐ AV FLOOR BOX LOCATION
- ☐ CALL SWITCH LOCATION
- ⌚ CLOCK LOCATION
- CAS CLASSROOM AUDIO SYSTEM LOCATION (BY OTHERS)
- ⊙ PAGING SPEAKER - CEILING MOUNTED (BY OTHERS)
- ⊙ PAGING SPEAKER - WALL FLUSH MOUNTED
- ⊙ PAGING SPEAKER - WALL SURFACE MOUNTED
- ⊙ PROGRAM SPEAKERS (BY OTHERS)
- ▼ VIDEO BOARD LOCATION - FLUSH MOUNTED
- ▬ VIDEO BOARD LOCATION - SURFACE MOUNTED
- CR CARD READER LOCATION
- ▼ CARD READER - MULLION MOUNTED
- ⊙ DOOR POSITION SENSOR LOCATION
- ⊙ DURESS AND DOOR RELEASE BUTTON ASSEMBLY
- ⊙ MAGNETIC HOLD LOCATION
- SC SECURITY CAMERA - CEILING MOUNTED
- SC SECURITY CAMERA - WALL MOUNTED
- VI VIDEO INTERCOM DOOR STATION
- AS VIDEO INTERCOM ANSWERING STATION



SECOND LEVEL TECHNOLOGY PLAN - UNIT C  
1/8" = 1'-0"



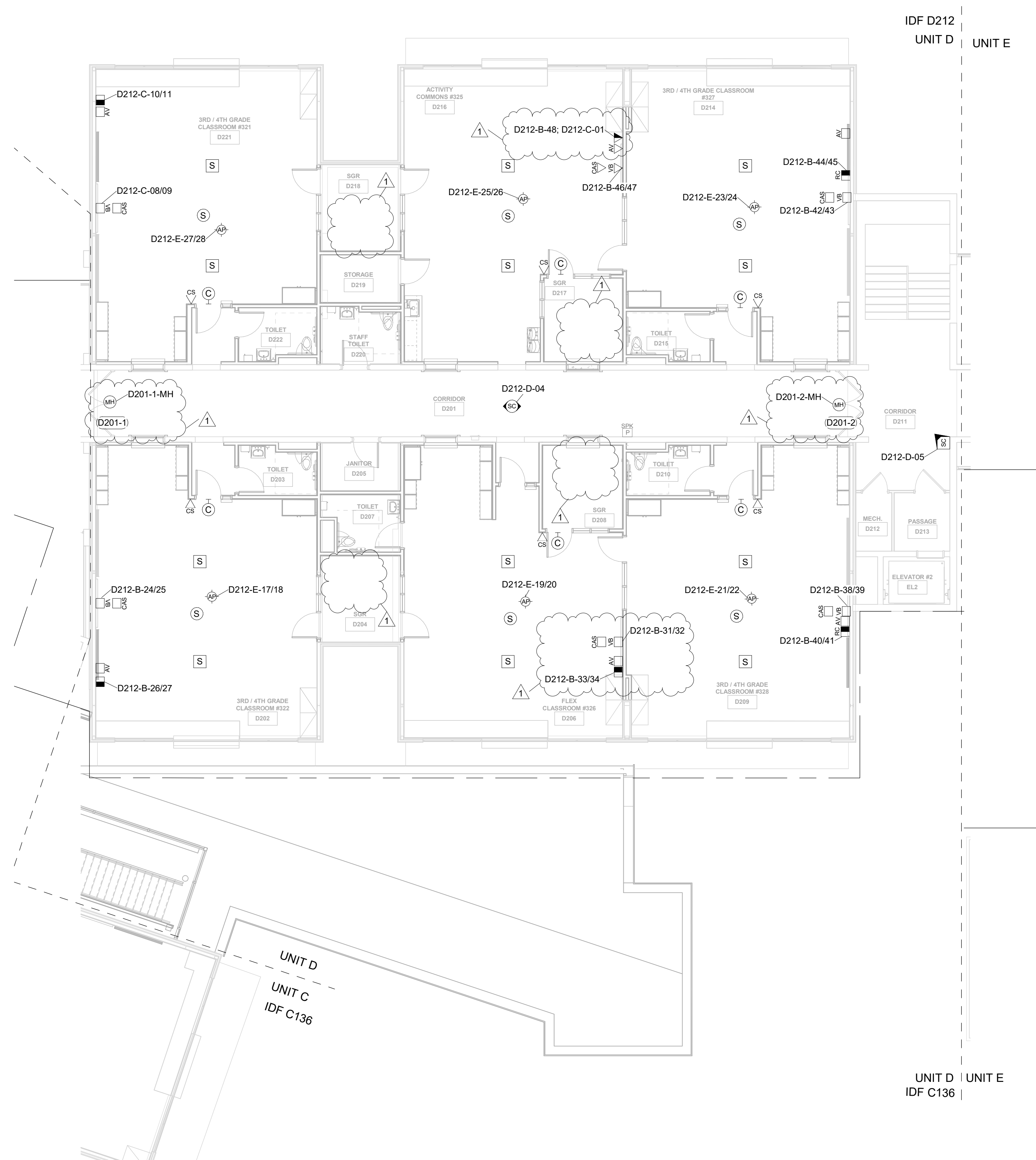


**GENERAL HORIZONTAL CABLING NOTES**

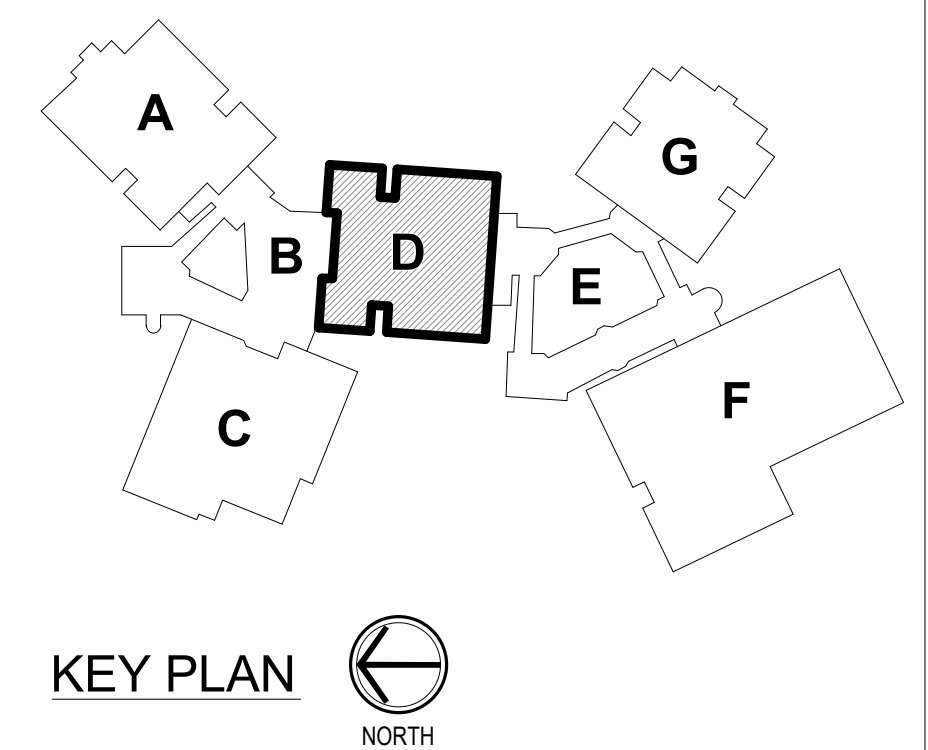
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- CONTRACTOR SHALL PROVIDE A DOCUMENTED MANUFACTURER CERTIFIED SOLUTION INCLUDING THE MINIMUM PERFORMANCE AND APPLICATIONS WARRANTY.
- PAINTING OF THE STRUCTURED CABLING WILL VOID THE WARRANTY. ENSURE PROPER COORDINATION WITH PAINTING CONTRACTOR SO THAT ALL STRUCTURED CABLING IS PROTECTED PRIOR TO ANY PAINTING.
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- ALL PINGPAIR ASSIGNMENTS SHALL BE T568B.
- REFER TO SPECIFICATION SECTION 27.15.13 FOR CABLE JACKET COLOR REQUIREMENTS.
- LABELING SHALL BE COMPLETED AS DEFINED IN THE CONTRACT DOCUMENTS AND SHALL BE COORDINATED WITH THE OWNER.
- PROVIDE ALL TELECOMMUNICATION OUTLETS AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO PROVIDE CONNECTIONS FOR EACH DEVICE SHOWN ON THE DRAWINGS.
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- ALL WIRELESS ACCESS POINTS SHALL BE OWNER FURNISHED AND OWNER INSTALLED.
- ALL CLOCK LOCATIONS SHOWN ON T200 SERIES SHEETS SHALL BE INSTALLED UTILIZING EXISTING CLOCKS REMOVED AND STORED DURING DEMOLITION. RETURN ALL REMAINING CLOCKS TO OWNER AT END OF PROJECT.

**TECHNOLOGY LEGEND**

- ▲ ABOVE CEILING SECURITY DATA LOCATION
- ▼ DATA LOCATION - FLUSH MOUNTED
- DATA LOCATION - SURFACE MOUNTED
- ▣ DATA RE-CABLE LOCATION - FLUSH MOUNTED
- ▣ DATA RE-CABLE LOCATION - SURFACE MOUNTED
- ☒ FLOOR BOX LOCATION
- ☒ MONITOR LOCATION
- ☒ WALL PHONE LOCATION
- ☒ WIRELESS ACCESS POINT - CEILING MOUNTED
- ☒ WIRELESS ACCESS POINT - WALL MOUNTED
- ☒ AV INPUT LOCATION TYPE 1 - FLUSH MOUNTED
- ☒ AV INPUT LOCATION TYPE 2 - FLUSH MOUNTED
- ☒ AV INPUT LOCATION TYPE 1 - SURFACE MOUNTED
- ☒ AV FLOOR BOX LOCATION
- ☒ CALL SWITCH LOCATION
- ☒ CLOCK LOCATION
- ☒ CLASSROOM AUDIO SYSTEM LOCATION (BY OTHERS)
- ☒ PAGING SPEAKER - CEILING MOUNTED (BY OTHERS)
- ☒ PAGING SPEAKER - WALL FLUSH MOUNTED
- ☒ PAGING SPEAKER - WALL SURFACE MOUNTED
- ☒ PROGRAM SPEAKERS (BY OTHERS)
- ☒ VIDEO BOARD LOCATION - FLUSH MOUNTED
- ☒ VIDEO BOARD LOCATION - SURFACE MOUNTED
- ☒ CARD READER LOCATION
- ☒ CARD READER - MULLION MOUNTED
- ☒ DOOR POSITION SENSOR LOCATION
- ☒ DURESS AND DOOR RELEASE BUTTON ASSEMBLY
- ☒ MAGNETIC HOLD LOCATION
- ☒ SECURITY CAMERA - CEILING MOUNTED
- ☒ SECURITY CAMERA - WALL MOUNTED
- ☒ VIDEO INTERCOM DOOR STATION
- ☒ VIDEO INTERCOM ANSWERING STATION



SECOND LEVEL TECHNOLOGY PLAN -  
UNIT D  
1/8" = 1'-0"



KEY PLAN  
NORTH



**GENERAL HORIZONTAL CABLING NOTES**

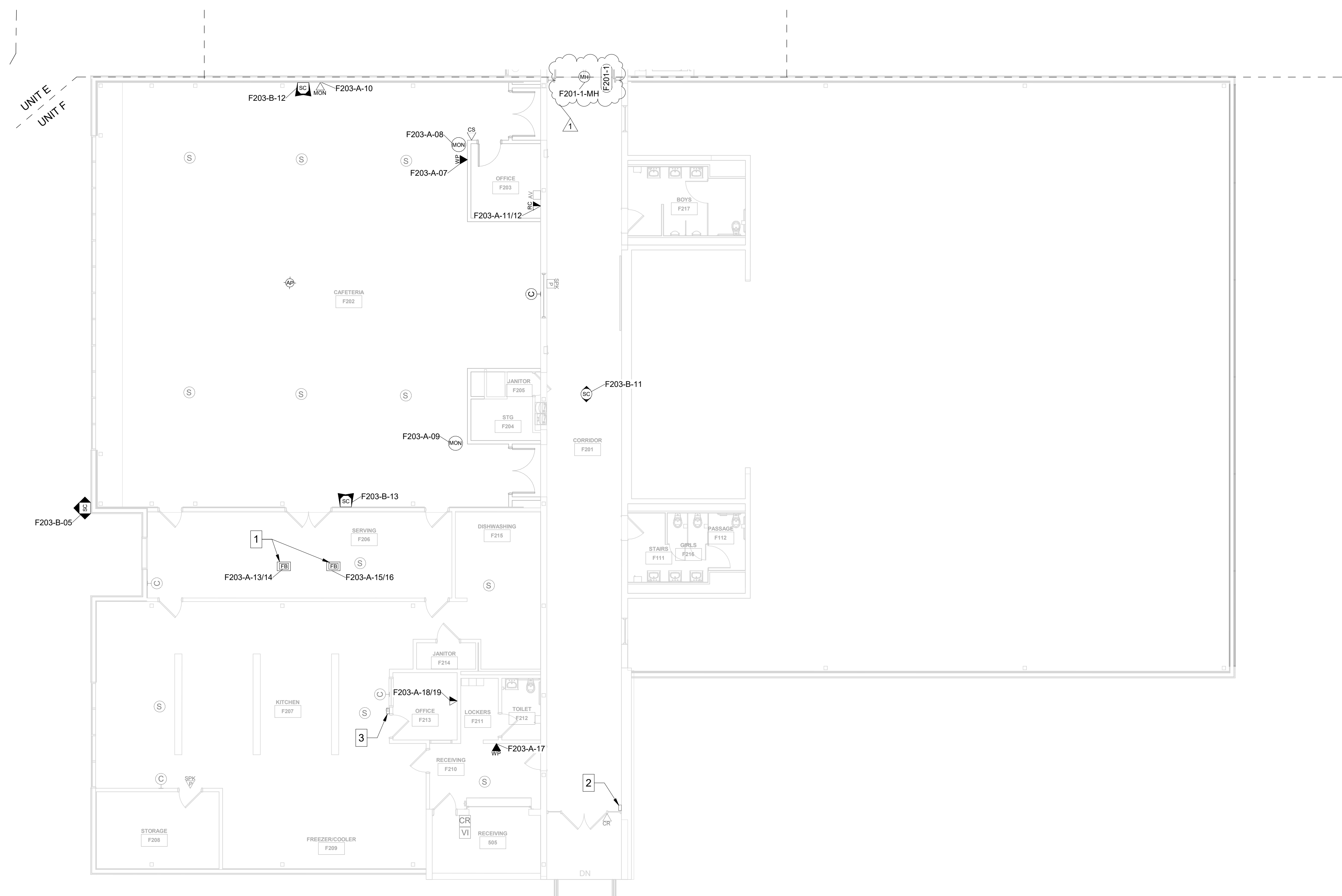
- MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.
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**TECHNOLOGY LEGEND**

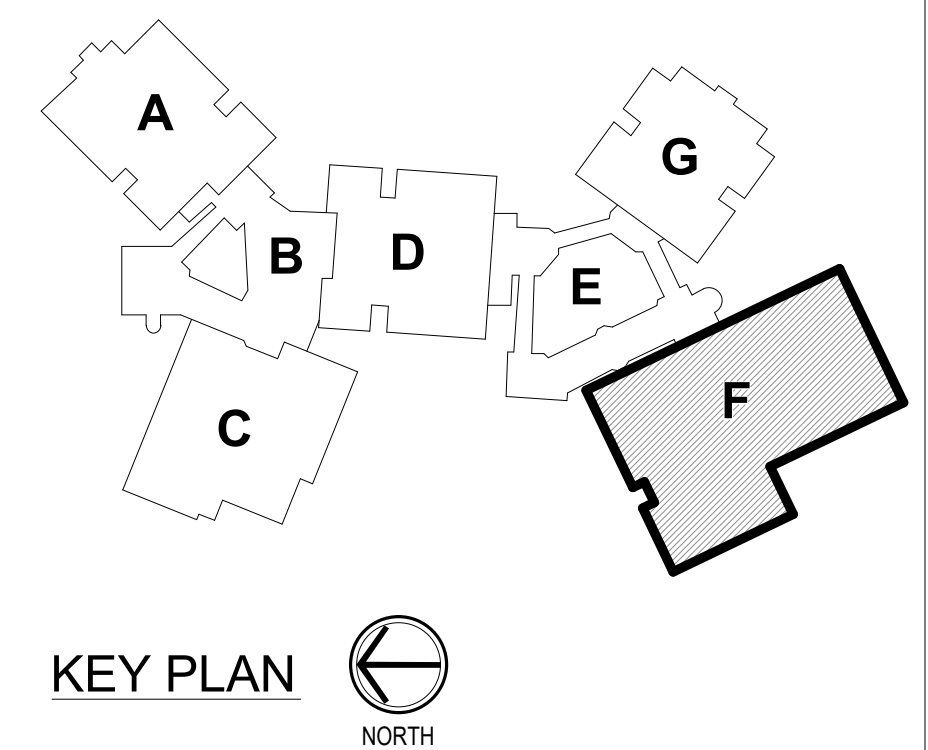
- ▲ ABOVE CEILING SECURITY DATA LOCATION
- ▼ DATA LOCATION - FLUSH MOUNTED
- DATA LOCATION - SURFACE MOUNTED
- ▼ DATA RE-CABLE LOCATION - FLUSH MOUNTED
- DATA RE-CABLE LOCATION - SURFACE MOUNTED
- ☐ FLOOR BOX LOCATION
- MON MONITOR LOCATION
- ☎ WALL PHONE LOCATION
- ⊕ WIRELESS ACCESS POINT - CEILING MOUNTED
- ⊕ WIRELESS ACCESS POINT - WALL MOUNTED
- AV AV INPUT LOCATION TYPE 1 - FLUSH MOUNTED
- AV AV INPUT LOCATION TYPE 2 - FLUSH MOUNTED
- AV AV INPUT LOCATION TYPE 1 - SURFACE MOUNTED
- AV AV FLOOR BOX LOCATION
- CS CALL SWITCH LOCATION
- C CLOCK LOCATION
- CA CLASSROOM AUDIO SYSTEM LOCATION (BY OTHERS)
- S PAGING SPEAKER - CEILING MOUNTED (BY OTHERS)
- PS PAGING SPEAKER - WALL FLUSH MOUNTED
- PS PAGING SPEAKER - WALL SURFACE MOUNTED
- S PROGRAM SPEAKERS (BY OTHERS)
- VB VIDEO BOARD LOCATION - FLUSH MOUNTED
- VB VIDEO BOARD LOCATION - SURFACE MOUNTED
- CR CARD READER LOCATION
- CR CARD READER - MULLION MOUNTED
- DS DOOR POSITION SENSOR LOCATION
- DR DURESS AND DOOR RELEASE BUTTON ASSEMBLY
- MH MAGNETIC HOLD LOCATION
- SC SECURITY CAMERA - CEILING MOUNTED
- SC SECURITY CAMERA - WALL MOUNTED
- VI VIDEO INTERCOM DOOR STATION
- AS VIDEO INTERCOM ANSWERING STATION

**SHEET NOTES**

- NEW DATA CABLES INSTALLED IN EXISTING FLOOR BOXES.
- NEW LEVEL2 MICRONODE PLUS TO SERVE CARD READERS AT DOORS F201-2 AND F210-2, AND MONITORING AT DOORS F101-2 AND F114.
- EXISTING VIDEO INTERCOM ANSWERING STATION. RETERMINATE CABLE TO NEW LEVEL2 NODE AS REQUIRED FOR RELEASE OF DOOR B101-1.



SECOND LEVEL TECHNOLOGY PLAN - UNIT F  
1/8" = 1'-0"



KEY PLAN  
NORTH

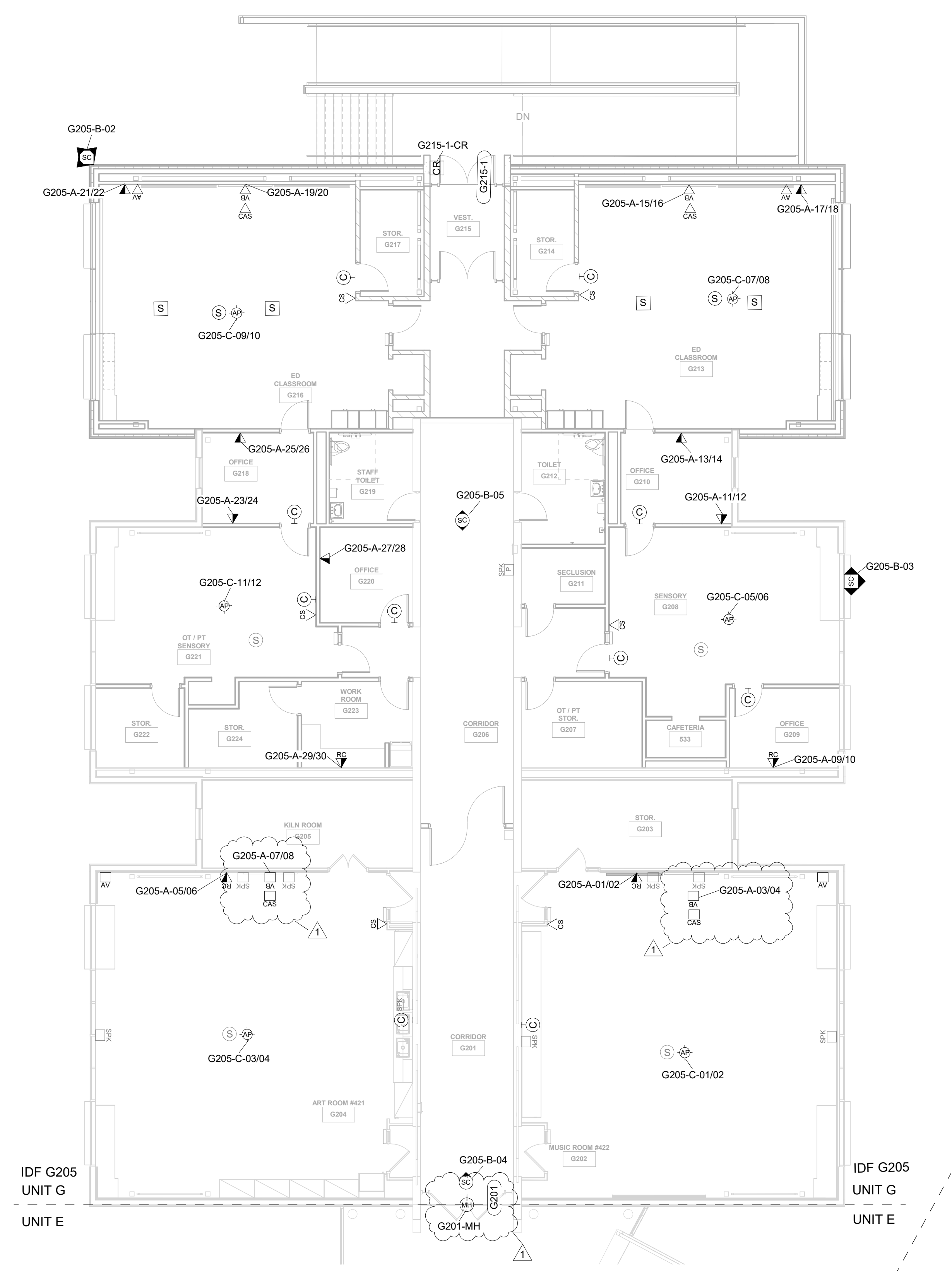


**GENERAL HORIZONTAL CABLING NOTES**

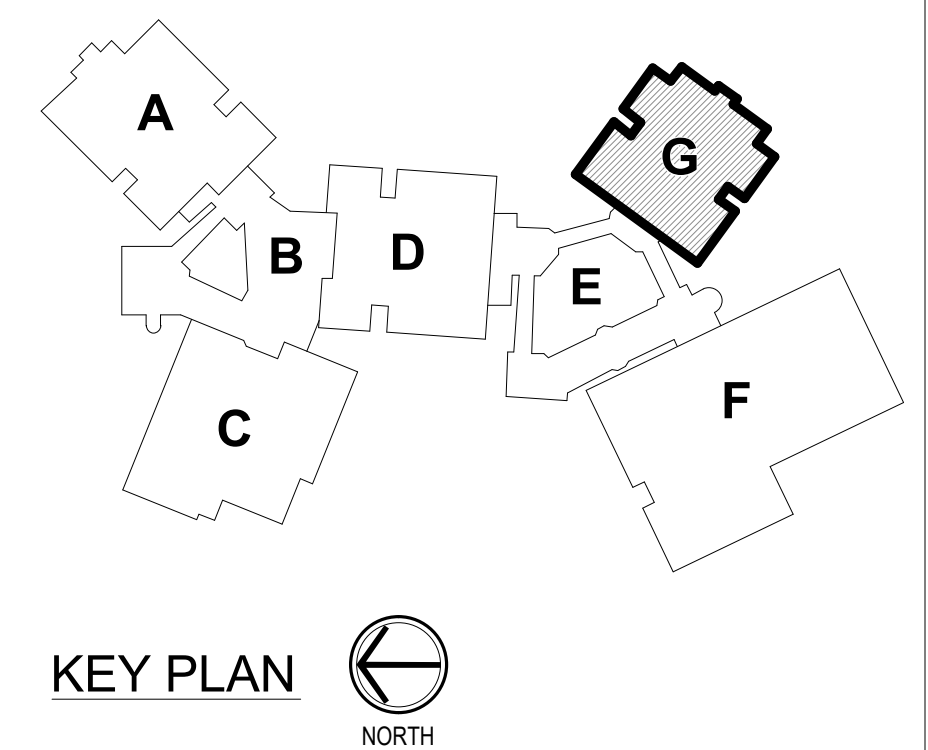
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**TECHNOLOGY LEGEND**

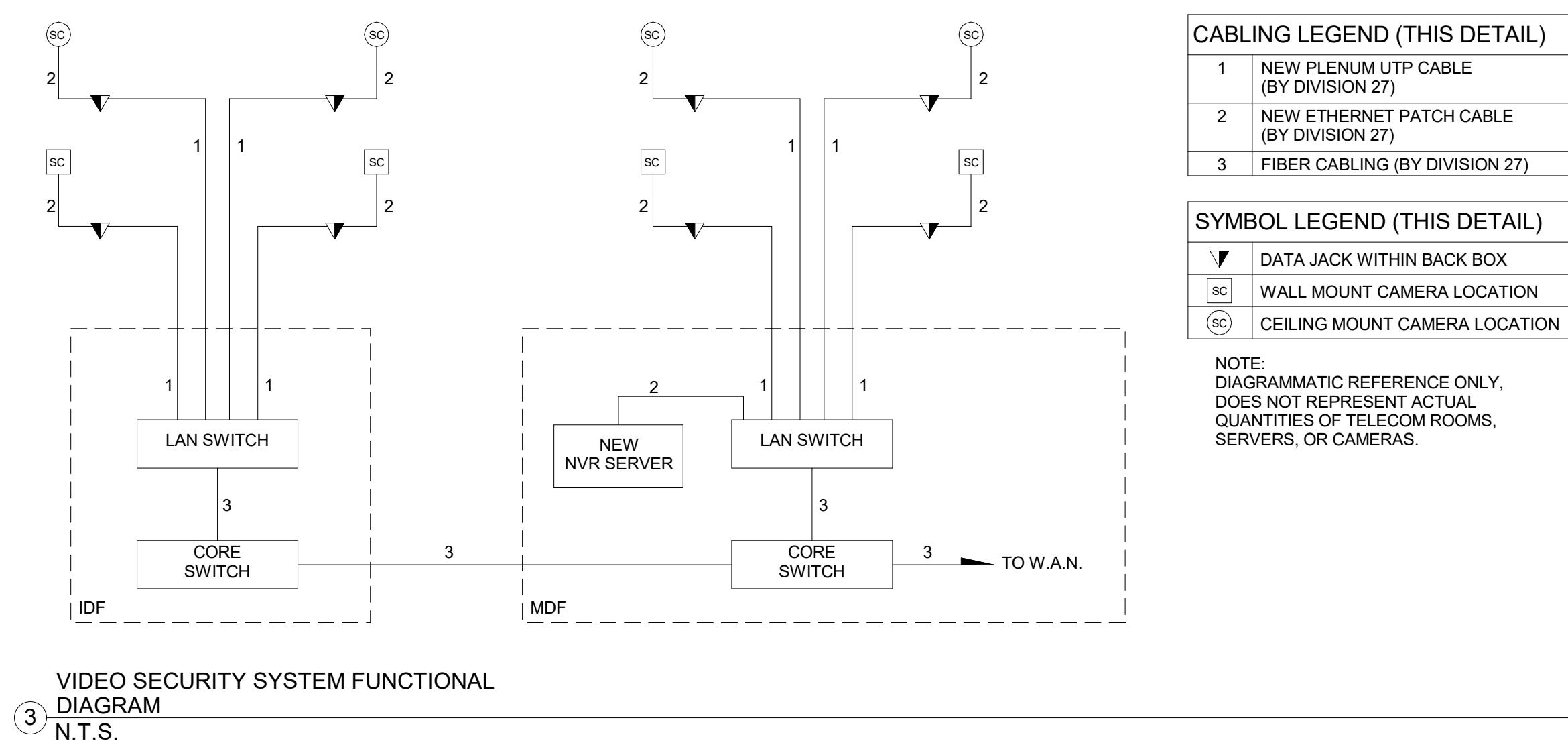
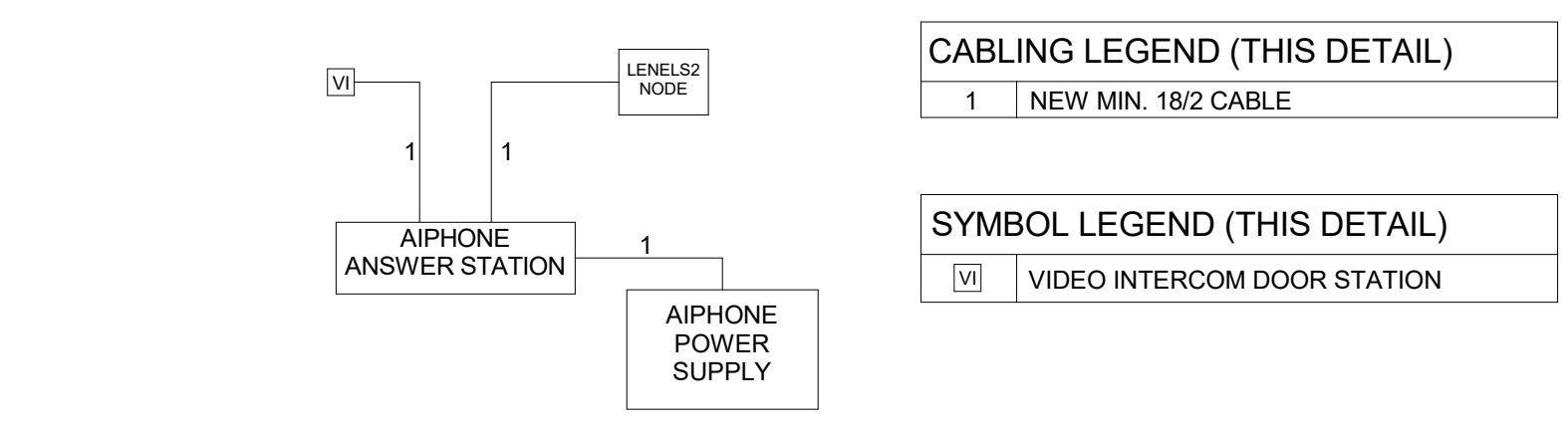
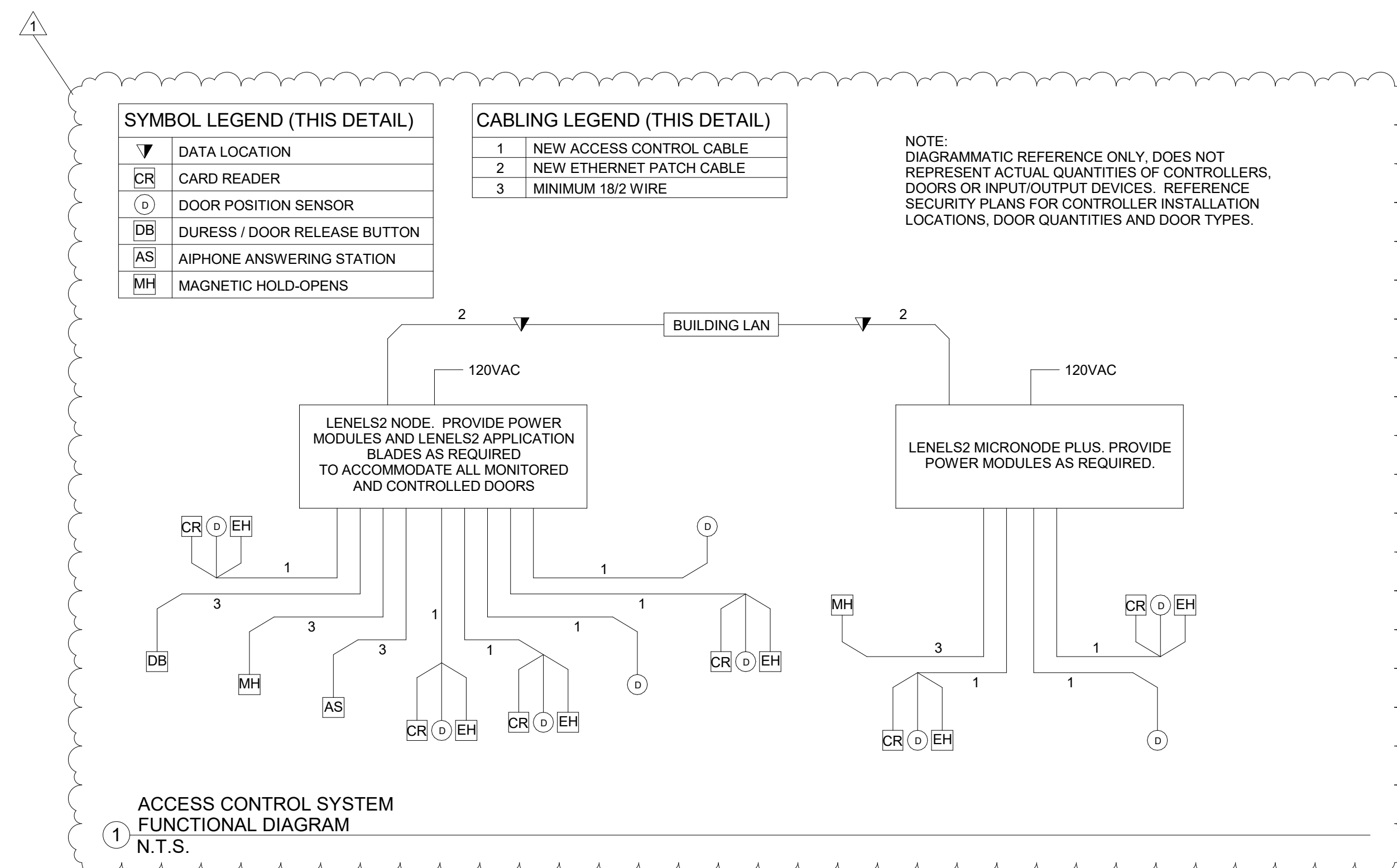
- ▲ ABOVE CEILING SECURITY DATA LOCATION
- ▼ DATA LOCATION - FLUSH MOUNTED
- DATA LOCATION - SURFACE MOUNTED
- ▣ DATA RE-CABLE LOCATION - FLUSH MOUNTED
- ▣ DATA RE-CABLE LOCATION - SURFACE MOUNTED
- ☐ FLOOR BOX LOCATION
- ☐ MONITOR LOCATION
- ☐ WALL PHONE LOCATION
- ☐ WIRELESS ACCESS POINT - CEILING MOUNTED
- ☐ WIRELESS ACCESS POINT - WALL MOUNTED
- ☐ AV INPUT LOCATION TYPE 1 - FLUSH MOUNTED
- ☐ AV INPUT LOCATION TYPE 2 - FLUSH MOUNTED
- ☐ AV INPUT LOCATION TYPE 1 - SURFACE MOUNTED
- ☐ AV FLOOR BOX LOCATION
- ☐ CALL SWITCH LOCATION
- ☐ CLOCK LOCATION
- ☐ CLASSROOM AUDIO SYSTEM LOCATION (BY OTHERS)
- ☐ PAGING SPEAKER - CEILING MOUNTED (BY OTHERS)
- ☐ PAGING SPEAKER - WALL FLUSH MOUNTED
- ☐ PAGING SPEAKER - WALL SURFACE MOUNTED
- ☐ PROGRAM SPEAKERS (BY OTHERS)
- ☐ VIDEO BOARD LOCATION - FLUSH MOUNTED
- ☐ VIDEO BOARD LOCATION - SURFACE MOUNTED
- ☐ CARD READER LOCATION
- ☐ CARD READER - MULLION MOUNTED
- ☐ DOOR POSITION SENSOR LOCATION
- ☐ DURESS AND DOOR RELEASE BUTTON ASSEMBLY
- ☐ MAGNETIC HOLD LOCATION
- ☐ SECURITY CAMERA - CEILING MOUNTED
- ☐ SECURITY CAMERA - WALL MOUNTED
- ☐ VIDEO INTERCOM DOOR STATION
- ☐ VIDEO INTERCOM ANSWERING STATION



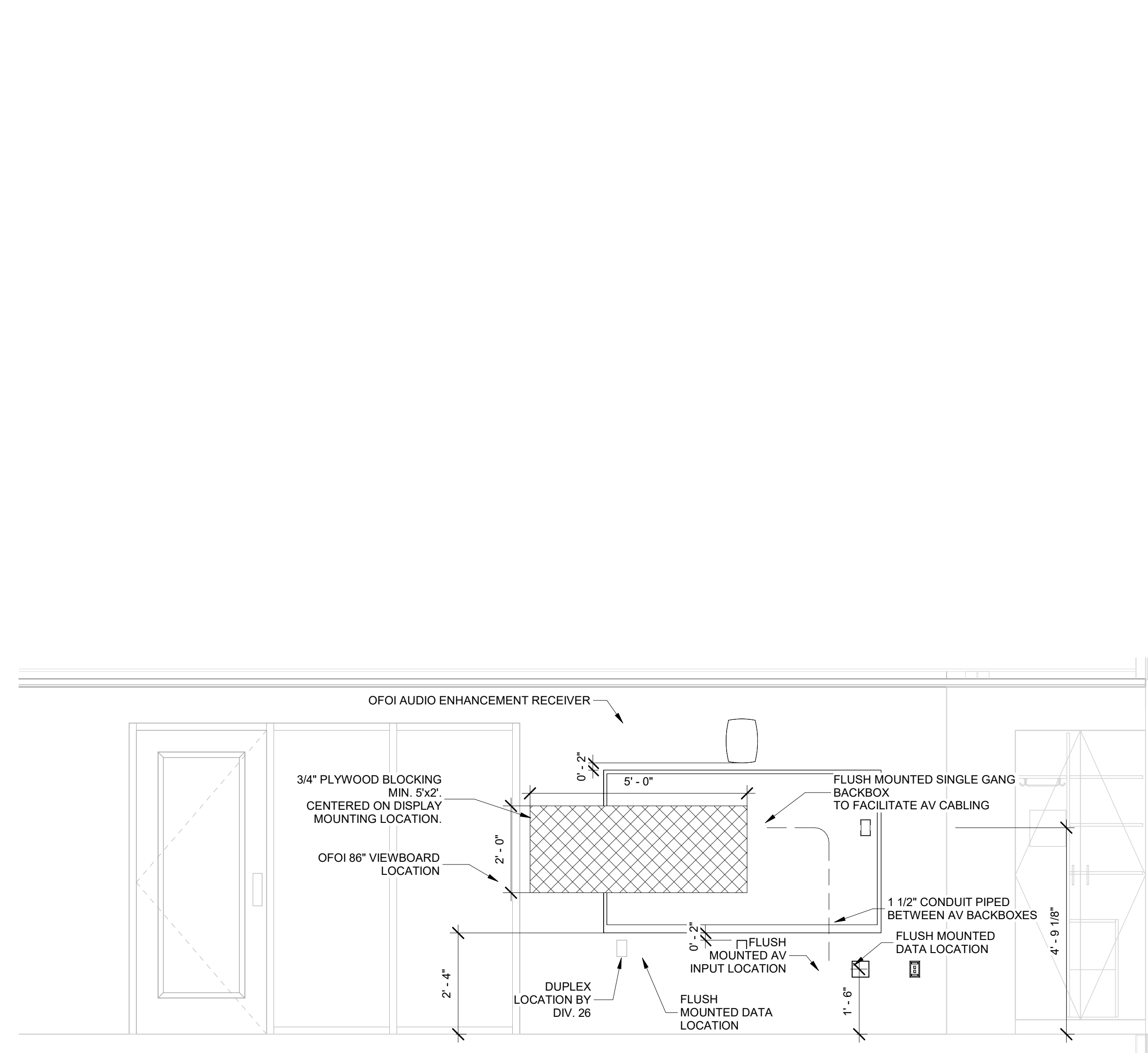
SECOND LEVEL TECHNOLOGY PLAN -  
UNIT G  
1/8" = 1'-0"





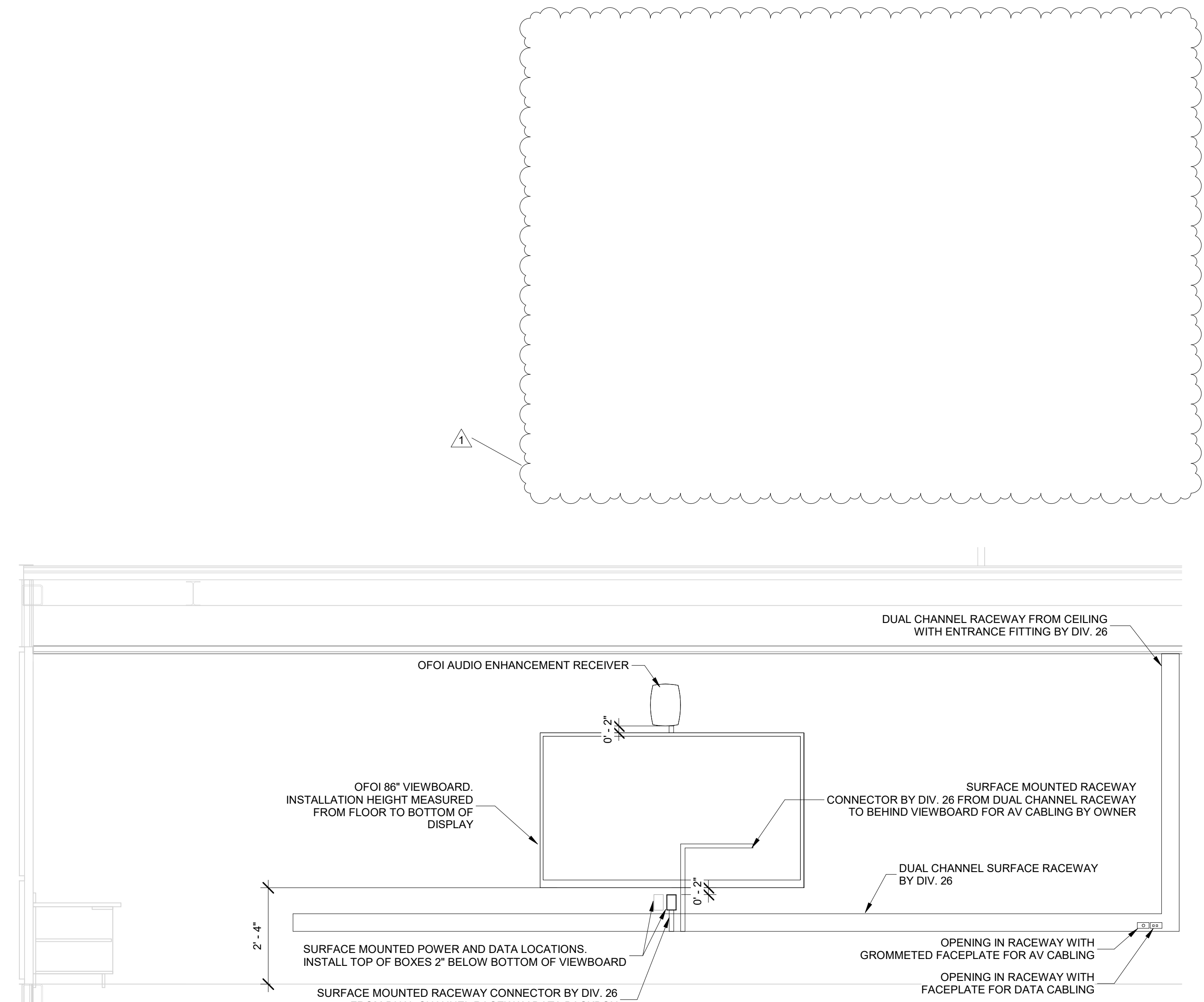






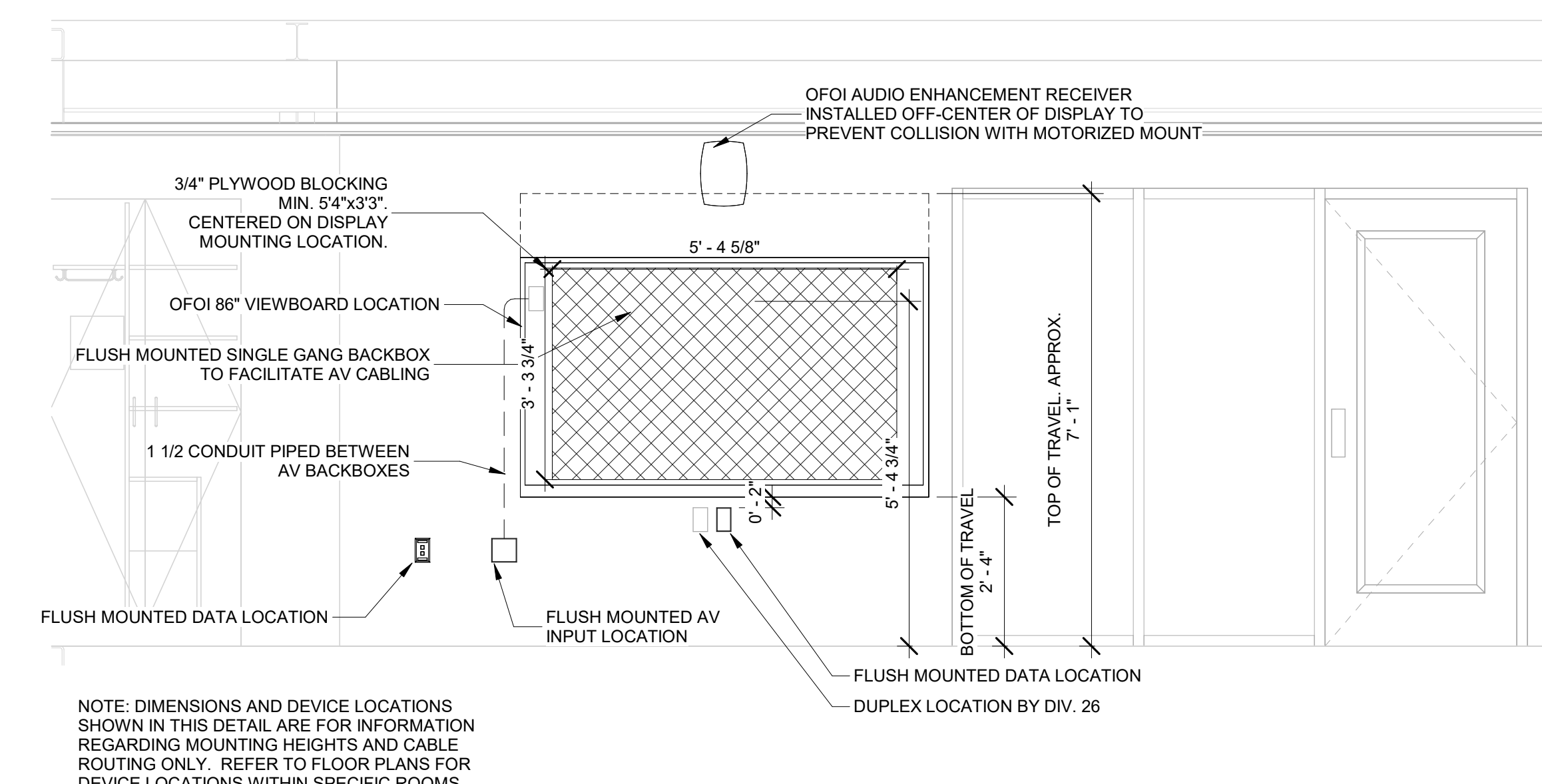
NOTE: DIMENSIONS AND DEVICE LOCATIONS SHOWN IN THIS DETAIL ARE FOR INFORMATION REGARDING MOUNTING HEIGHTS AND CABLE ROUTING ONLY. REFER TO FLOOR PLANS FOR DEVICE LOCATIONS WITHIN SPECIFIC ROOMS.

2 TYPICAL TEACHING WALL ELEVATION -  
FLUSH MOUNTED  
1/2" = 1'-0"



NOTE: DIMENSIONS AND DEVICE LOCATIONS SHOWN IN THIS DETAIL ARE FOR INFORMATION REGARDING MOUNTING HEIGHTS AND CABLE ROUTING ONLY. REFER TO FLOOR PLANS FOR DEVICE LOCATIONS WITHIN SPECIFIC ROOMS.

3 TYPICAL TEACHING WALL ELEVATION -  
SURFACE MOUNTED  
1/2" = 1'-0"



NOTE: DIMENSIONS AND DEVICE LOCATIONS SHOWN IN THIS DETAIL ARE FOR INFORMATION REGARDING MOUNTING HEIGHTS AND CABLE ROUTING ONLY. REFER TO FLOOR PLANS FOR DEVICE LOCATIONS WITHIN SPECIFIC ROOMS.

4 TYPICAL TEACHING WALL ELEVATION -  
ACTIVITY COMMONS  
1/2" = 1'-0"



**SCOPE DRAWINGS:**  
These drawings indicate the general scope of the project in terms of mechanical design content. The structural, electrical, mechanical and electrical systems shown on these drawings are not necessarily indicative of the actual work required for the performance, installation and completion of the project.  
On the basis of the general scope indicated on these drawings, the trade contractors shall furnish all items required for the proper installation and completion of the work.

**REVISIONS:**

1	Addendum 02	02/05/2025
2	Addendum 04	02/12/2025

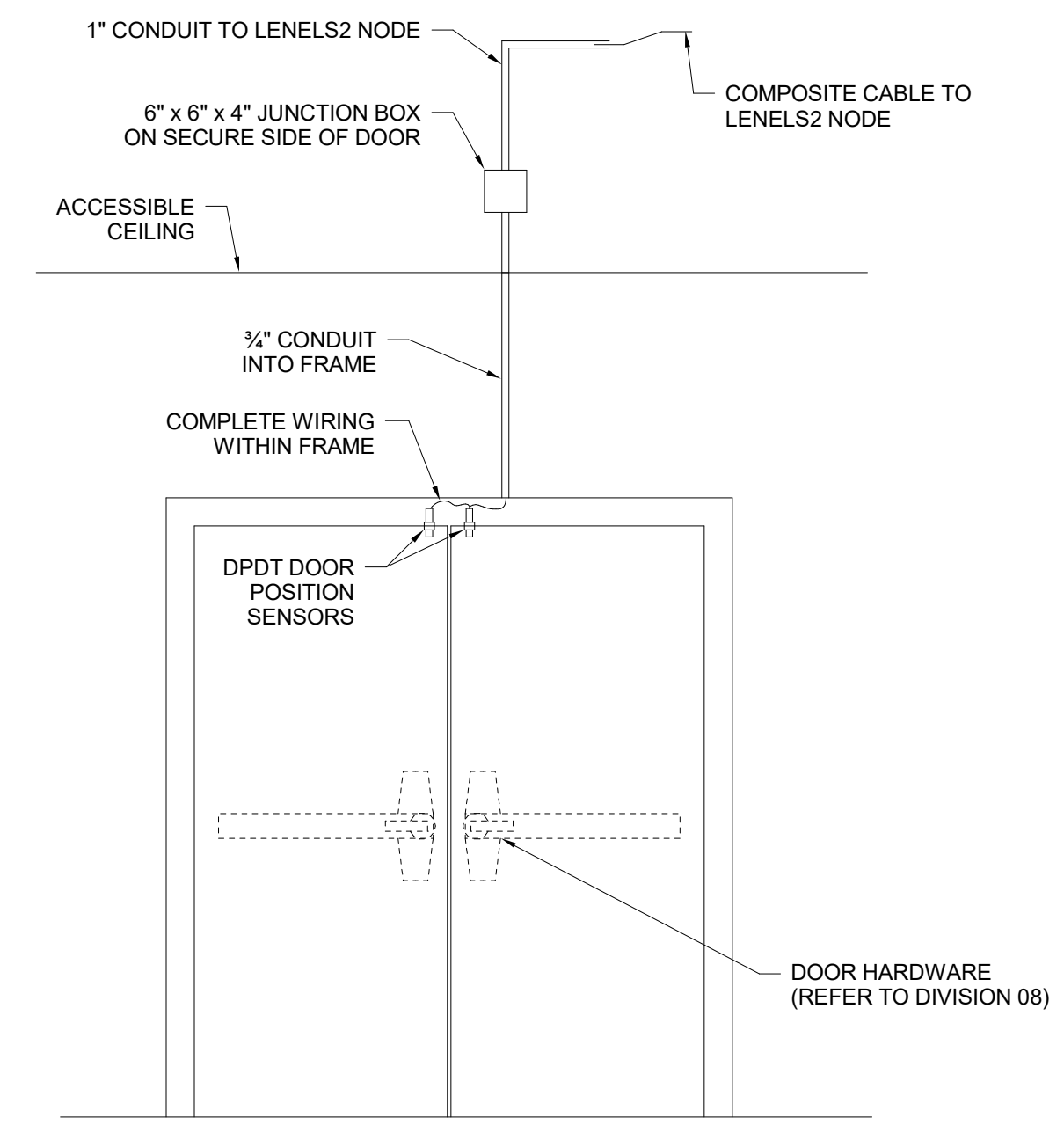
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01/15/25	MKD	JKK

**DRAWING TITLE:**  
**SECURITY  
DETAIL**

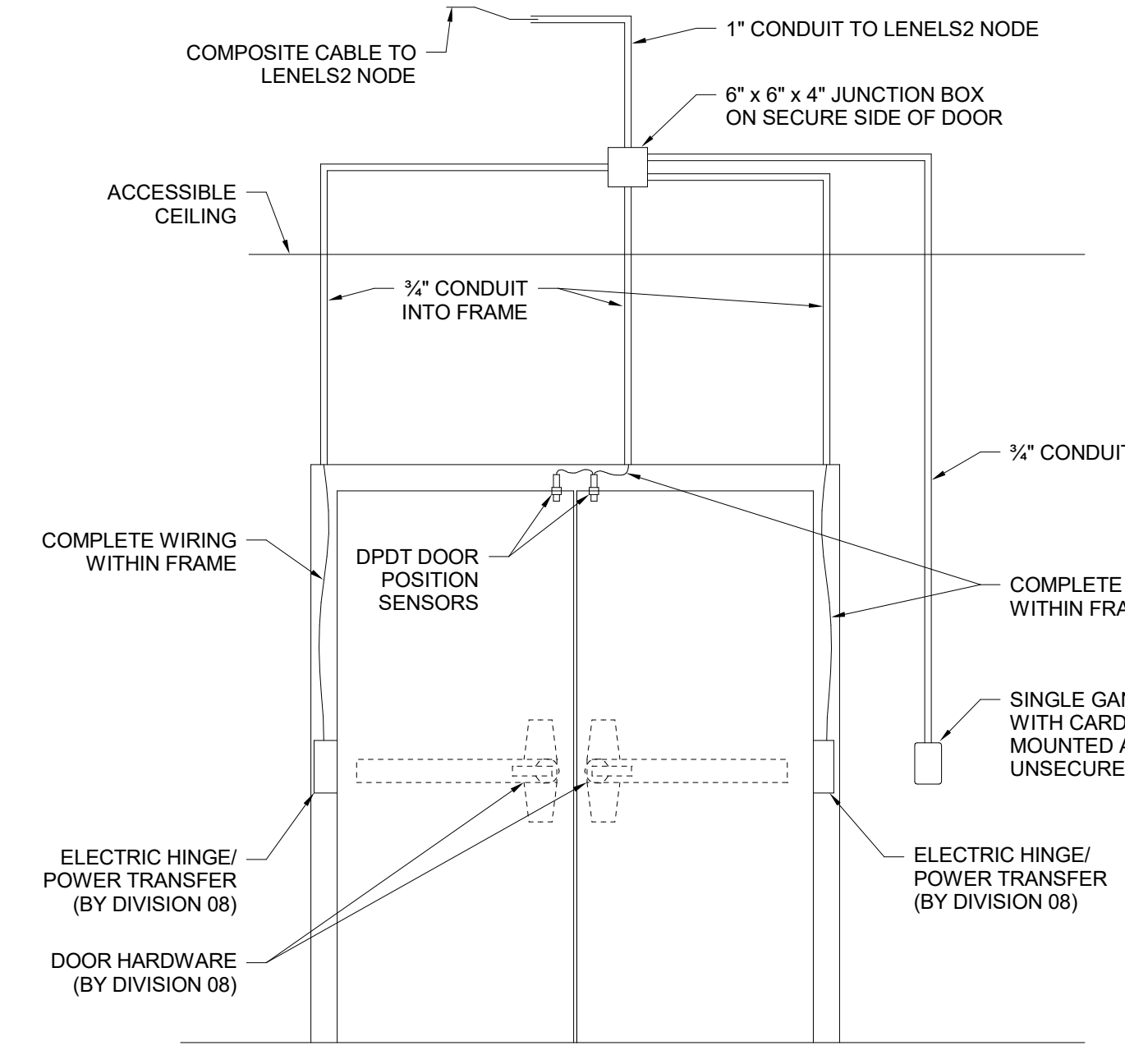
**CERTIFIED BY:**  
**Bicsi**  
Jared Klingler  
BICSI ID # 407182  
EXPIRES 12-31-27  
RCDD

**DRAWING NUMBER**  
**T403**

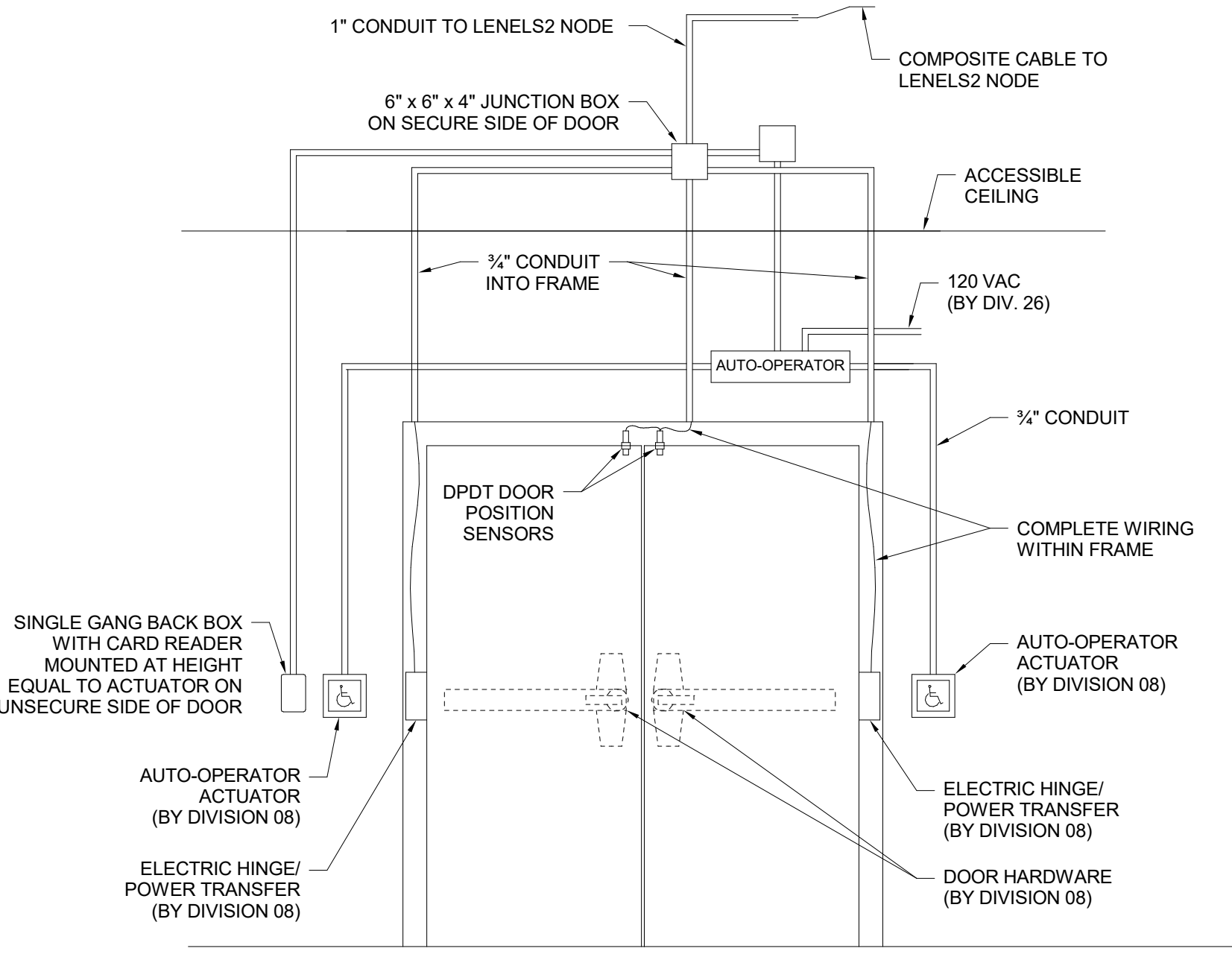
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**2024023**



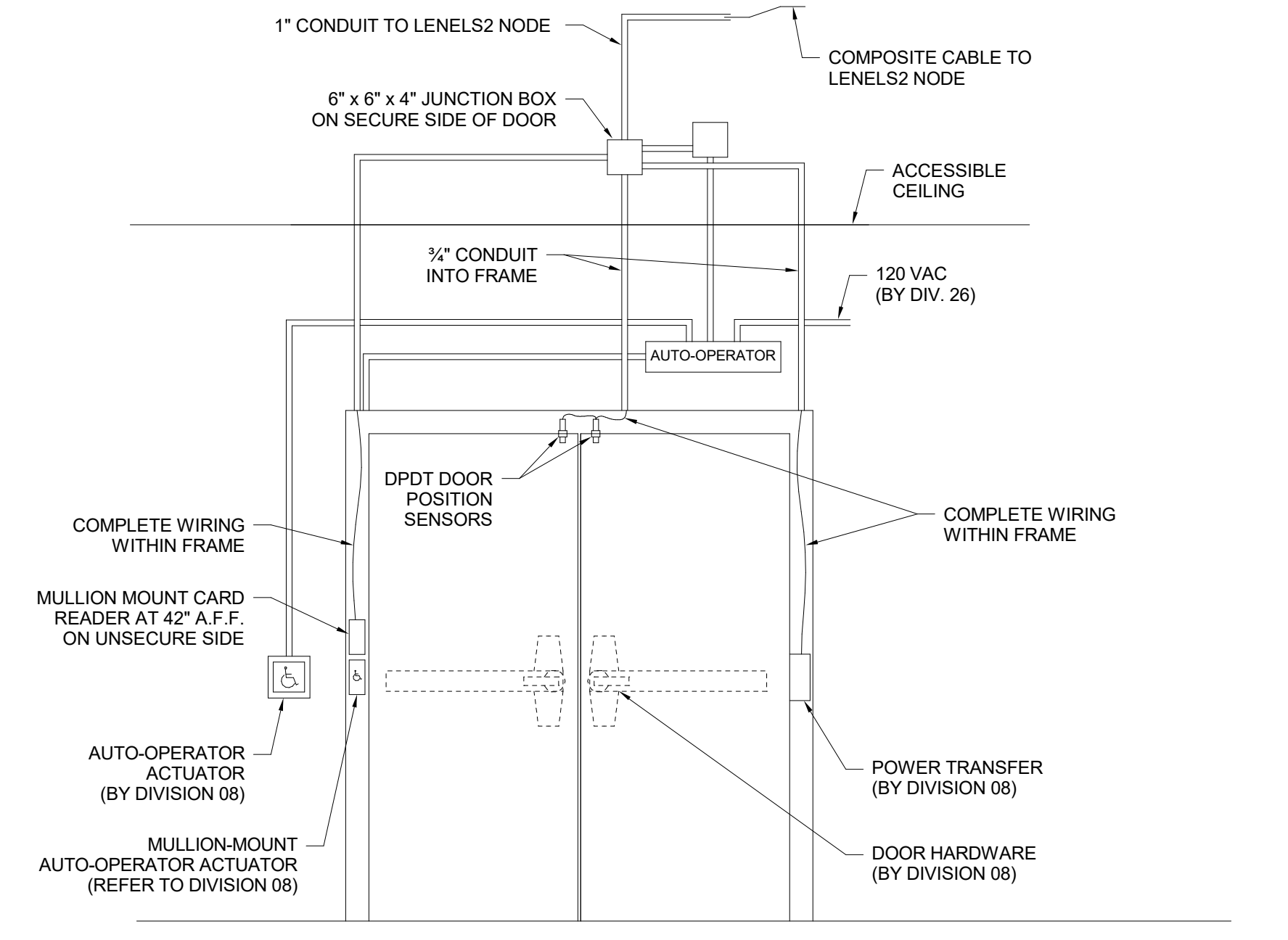
1 EAC DOOR TYPE D1 - MONITORING ONLY  
N.T.S.



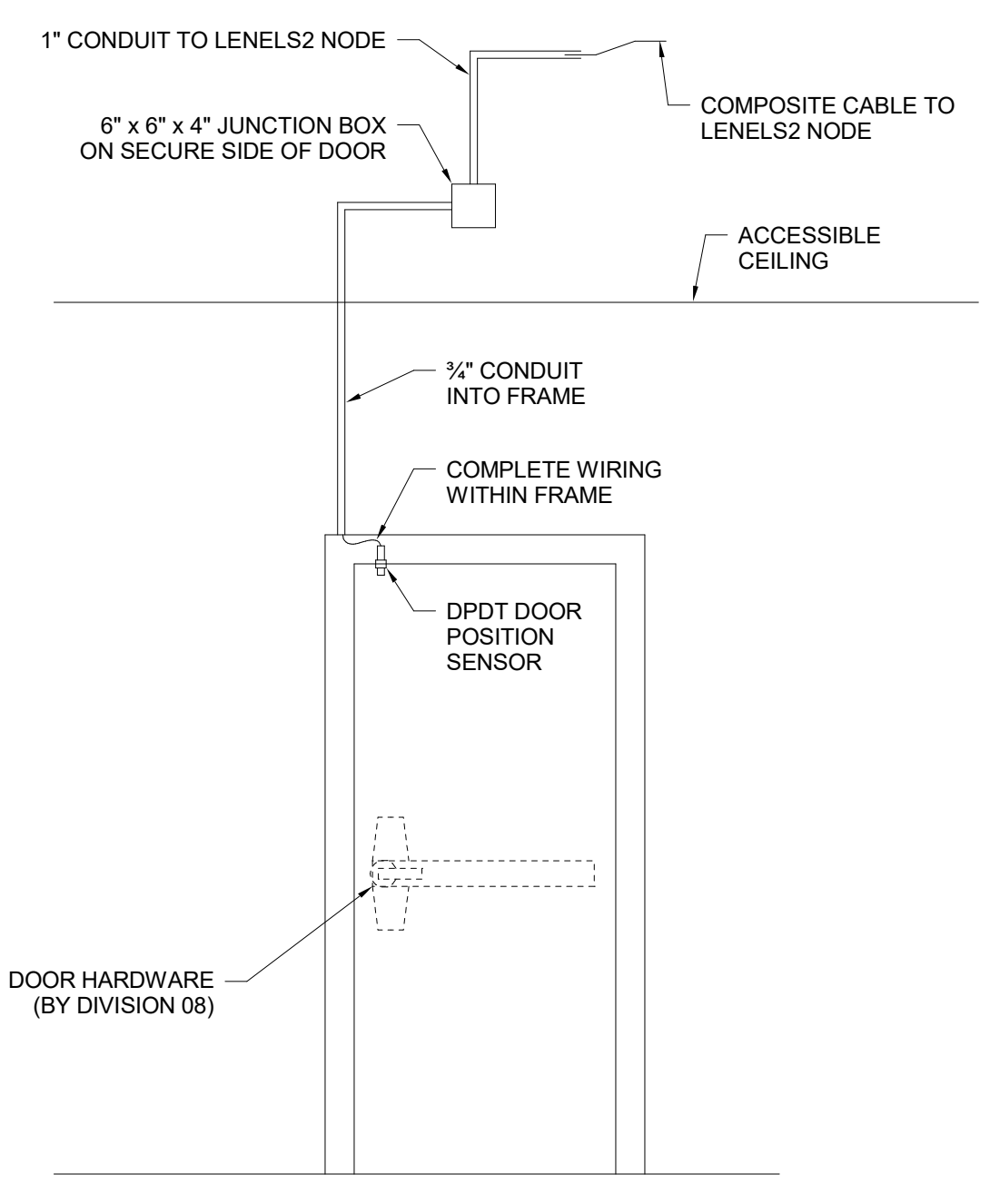
2 EAC DOOR TYPE D3 - CARD READER  
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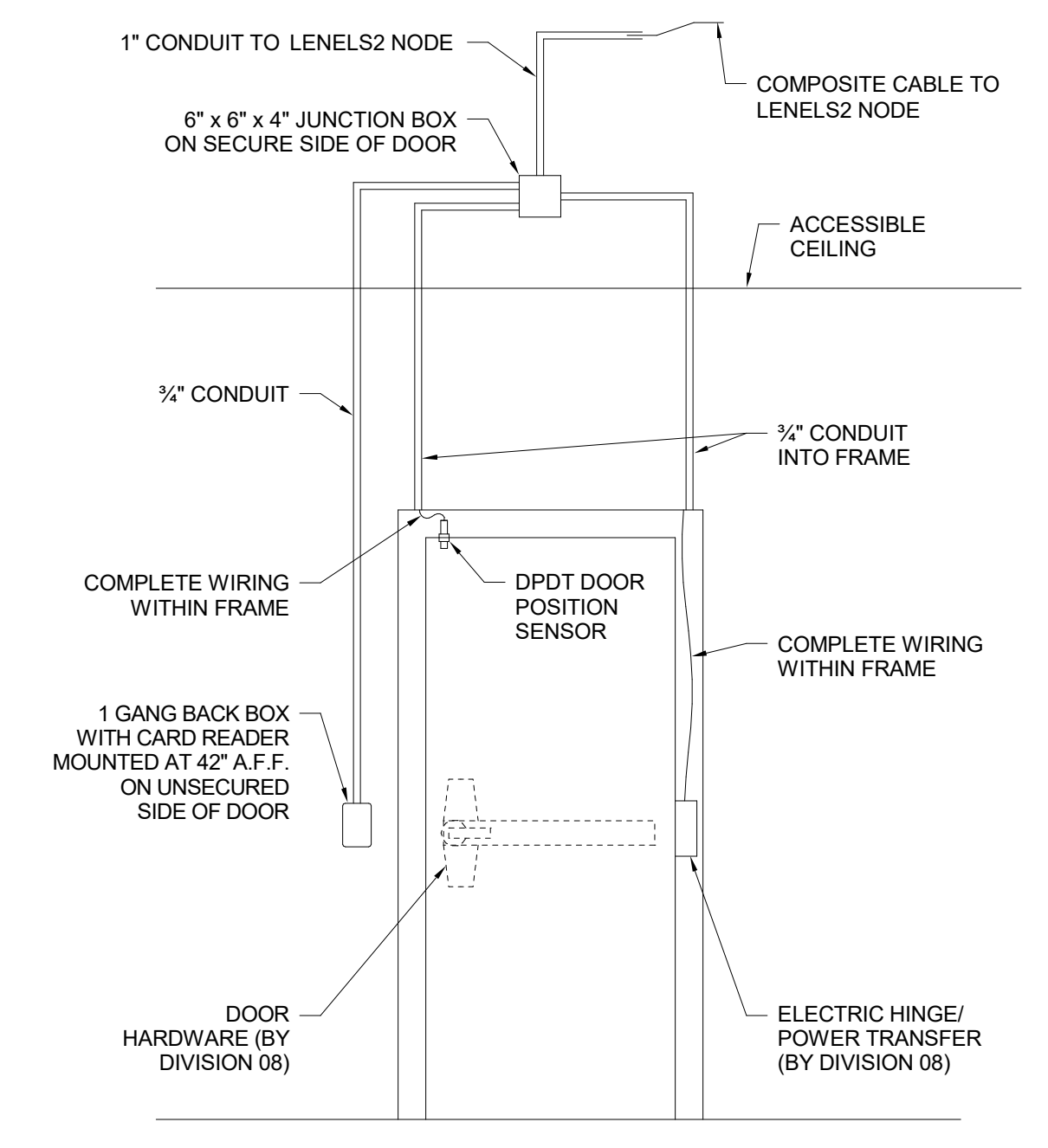
3 EAC DOOR TYPE D3A - CARD READER WITH ADA OPERATION  
N.T.S.



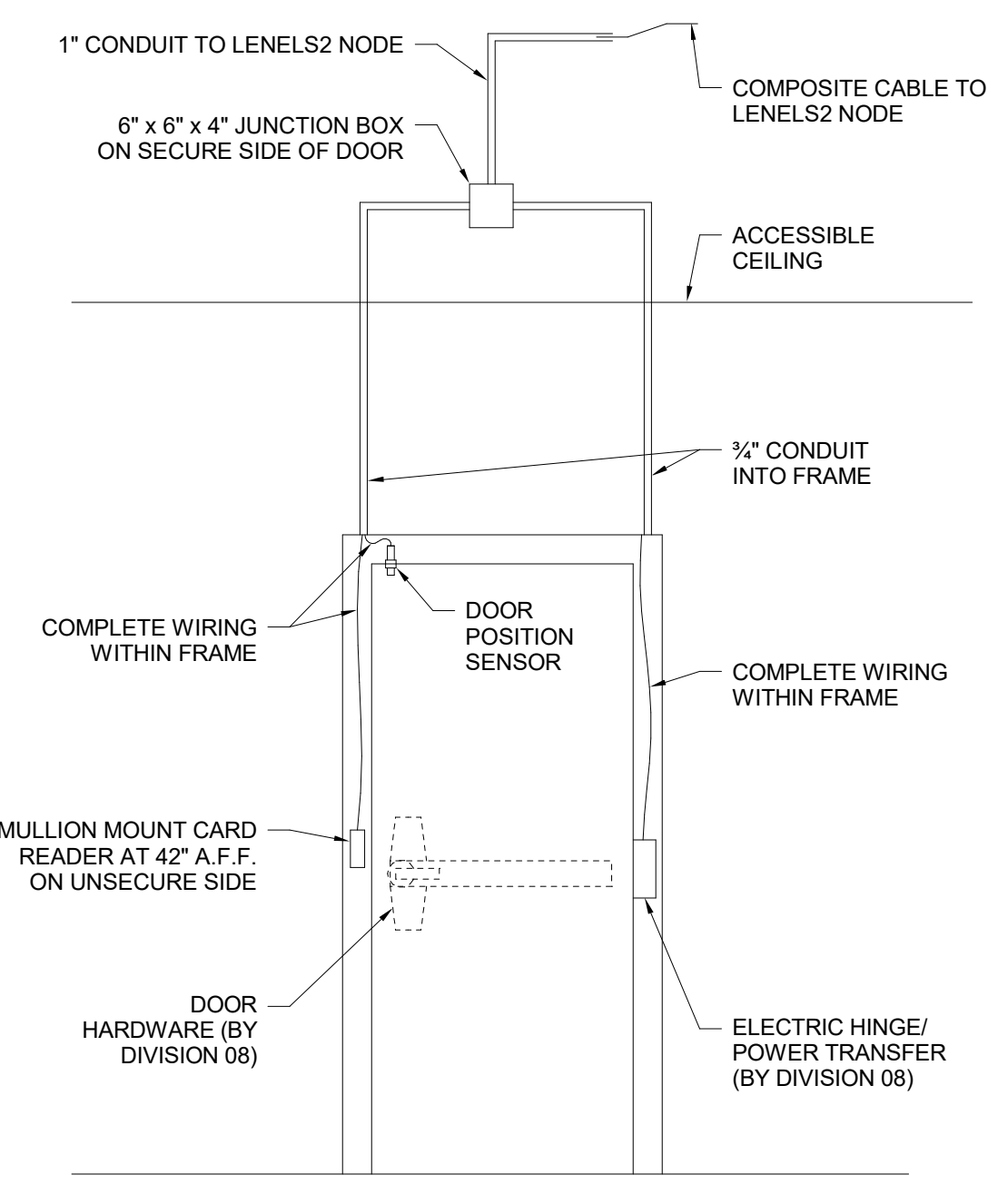
4 EAC DOOR TYPE D3MA - MULLION MOUNT CR WITH ADA OPERATION  
N.T.S.



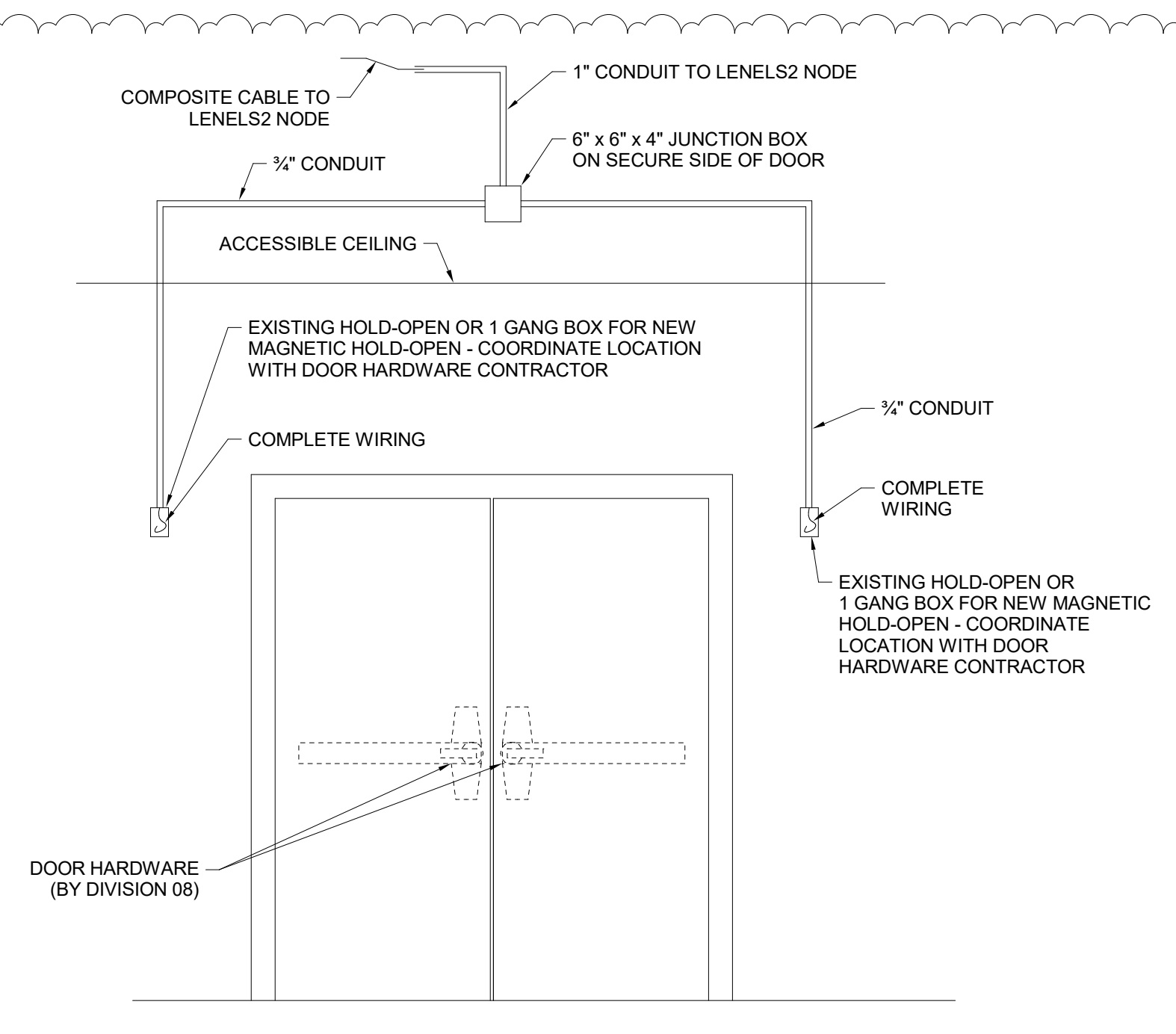
5 EAC DOOR TYPE S1 - MONITORING ONLY  
N.T.S.



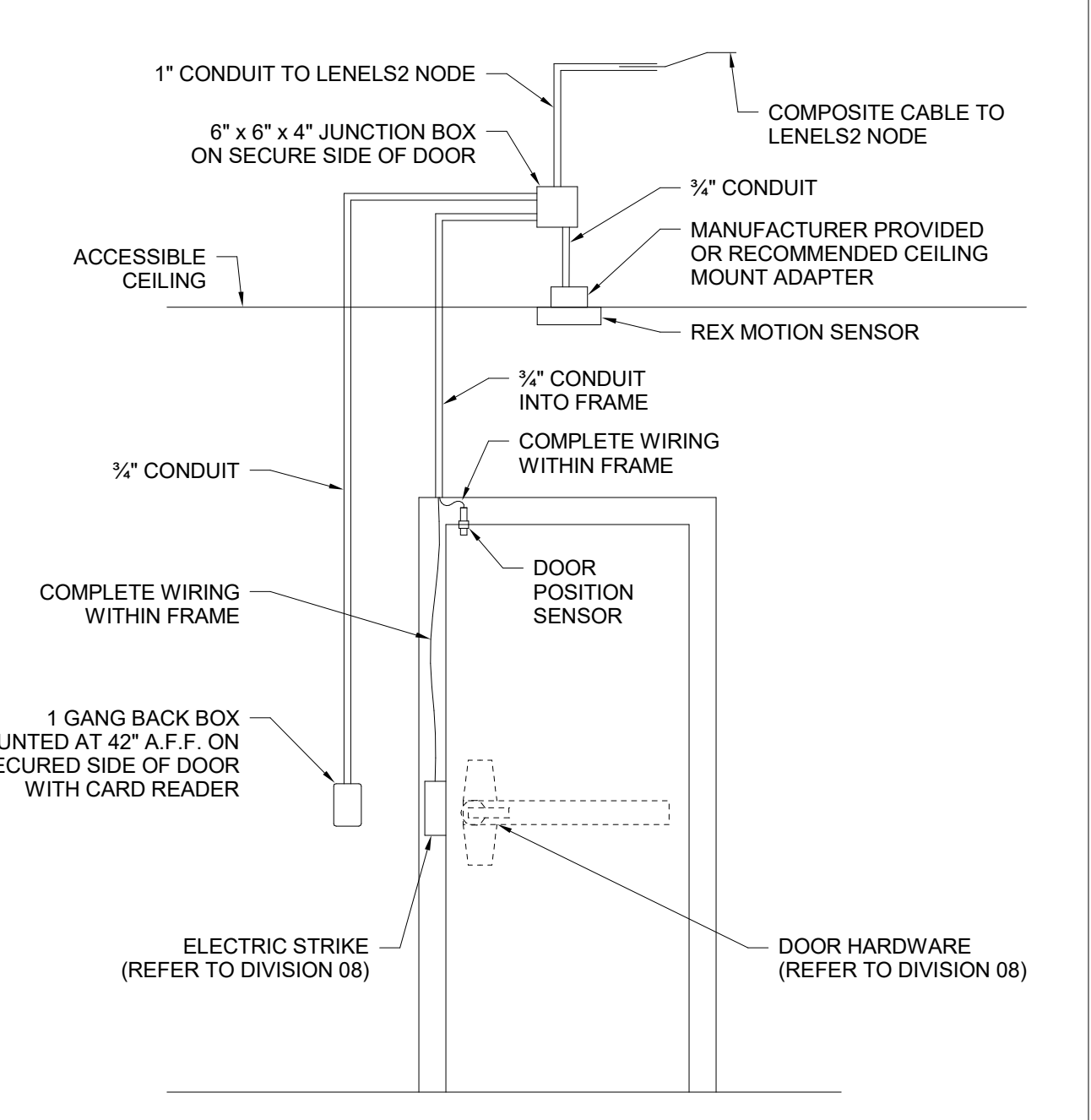
6 EAC DOOR TYPE S3 - CARD READER  
N.T.S.



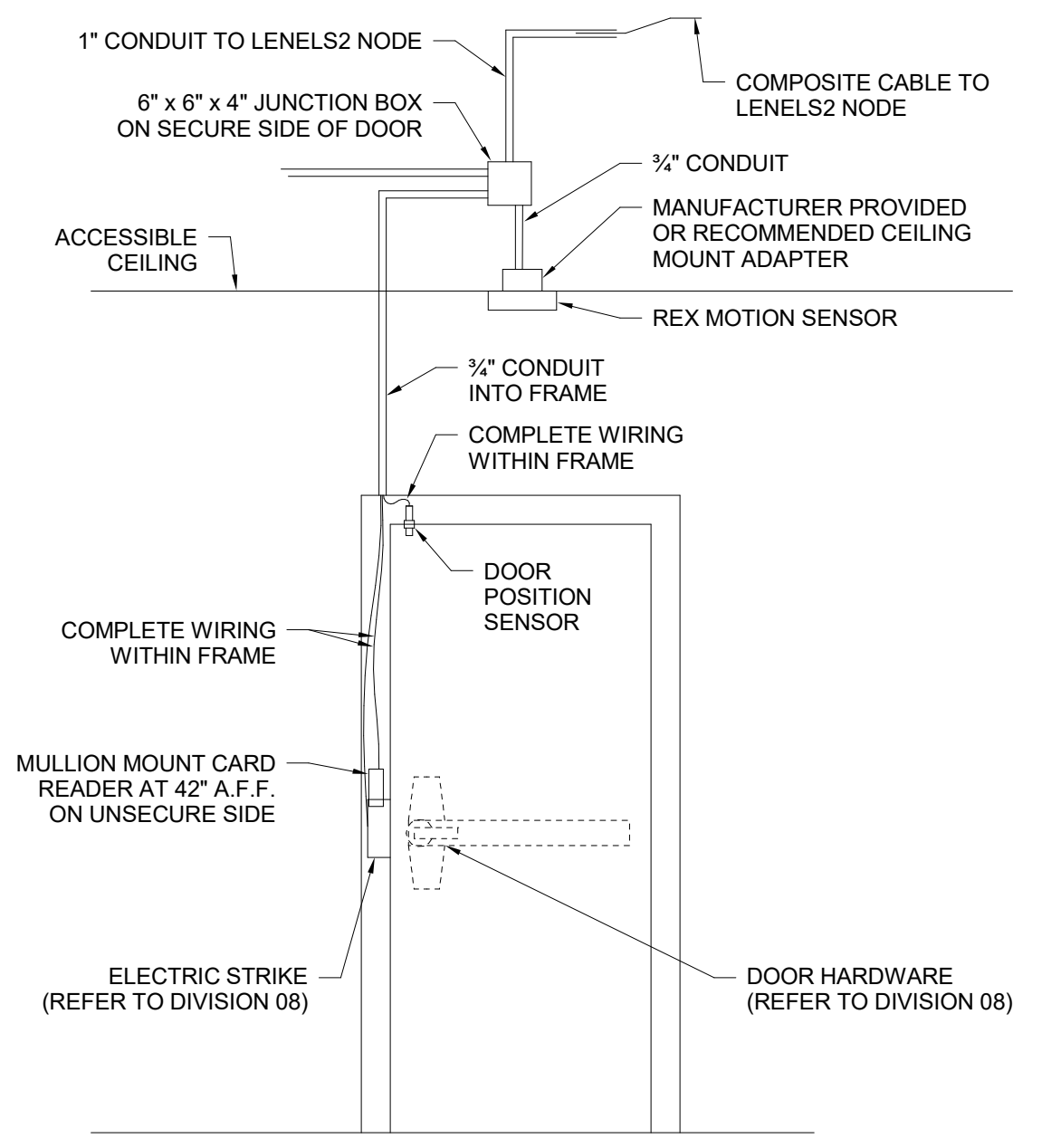
7 EAC DOOR TYPE S3M - MULLION MOUNT CARD READER  
N.T.S.



8 EAC DOOR TYPE D1MH - MAGNETIC HOLD OPEN  
N.T.S.



9 EAC DOOR TYPE S3ES - CARD READER WITH ELECTRIC STRIKE & REX  
N.T.S.



10 EAC DOOR TYPE S3MES - MULLION MOUNT CARD READER WITH ELECTRIC STRIKE & REX  
N.T.S.



MDF B310 TECHNOLOGY SCHEDULE table with columns: ROOM NUMBER, LABEL, TELECOM ROOM, DATA PORTS, COMMENTS. Includes rows A202 through B314 and a Grand total of 103.

IDF C136 TECHNOLOGY SCHEDULE table with columns: ROOM NUMBER, LABEL, TELECOM ROOM, DATA PORTS, COMMENTS. Includes rows C101 through C218 and a Grand total of 115.

IDF D212 TECHNOLOGY SCHEDULE table with columns: ROOM NUMBER, LABEL, TELECOM ROOM, DATA PORTS, COMMENTS. Includes rows 488 through D221 and a Grand total of 131.

IDF G205 TECHNOLOGY SCHEDULE table with columns: ROOM NUMBER, LABEL, TELECOM ROOM, DATA PORTS, COMMENTS. Includes rows G202 through G221 and a Grand total of 47.

IDF F203 TECHNOLOGY SCHEDULE table with columns: ROOM NUMBER, LABEL, TELECOM ROOM, DATA PORTS, COMMENTS. Includes rows F102 through F202 and a Grand total of 34.

MDF B310 ACCESS CONTROL SCHEDULE table with columns: DOOR NUMBER, PANEL LOCATION, MARK, DOOR TYPE / DESCRIPTION. Includes rows A201-1 through ST1-3 and a Grand total of 9.

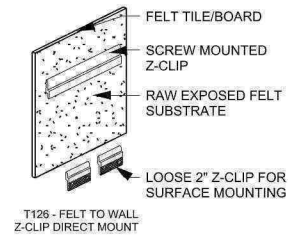
IDF C136 ACCESS CONTROL SCHEDULE table with columns: DOOR NUMBER, PANEL LOCATION, MARK, DOOR TYPE / DESCRIPTION. Includes rows C101-1 through D131 and a Grand total of 10.

IDF G205 ACCESS CONTROL SCHEDULE table with columns: DOOR NUMBER, PANEL LOCATION, MARK, DOOR TYPE / DESCRIPTION. Includes rows G215-1 and G201 and a Grand total of 2.

IDF F203 ACCESS CONTROL SCHEDULE table with columns: DOOR NUMBER, PANEL LOCATION, MARK, DOOR TYPE / DESCRIPTION. Includes rows E103 through F201-1 and a Grand total of 6.



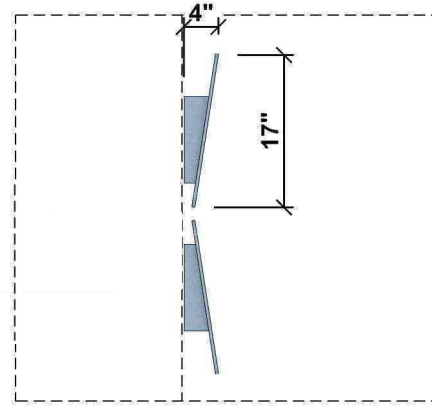
PLEASE NOTE, THIS PROPOSAL IS TO CONFIRM DESIGN INTENT ONLY. NOT FOR CONSTRUCTION.  
ALL DETAILS WILL BE DEVELOPED AND FINALIZED DURING OUR SHOP DRAWING PROCESS.



**WALL CONNECTION**

06

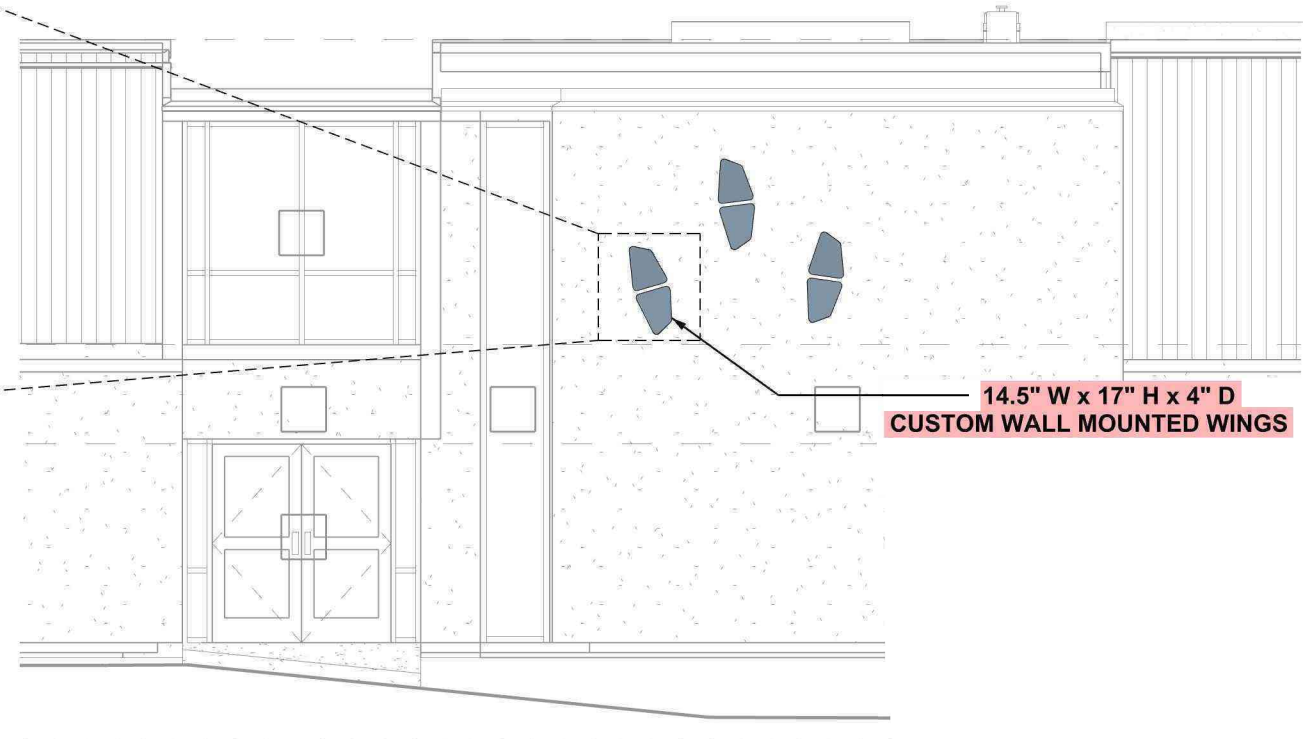
NTS



**WALL PRODUCT SIDE PROFILE**

05

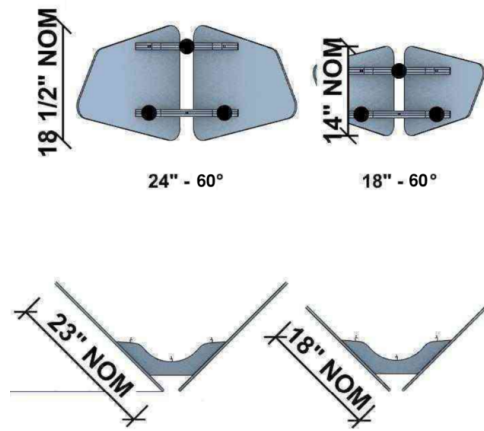
NTS



**ELEVATION**

04

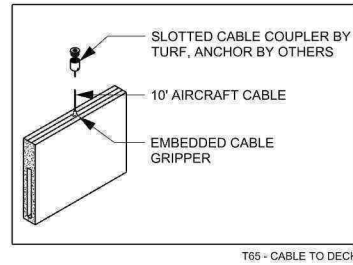
NTS



**BIRD VARIATIONS**

03

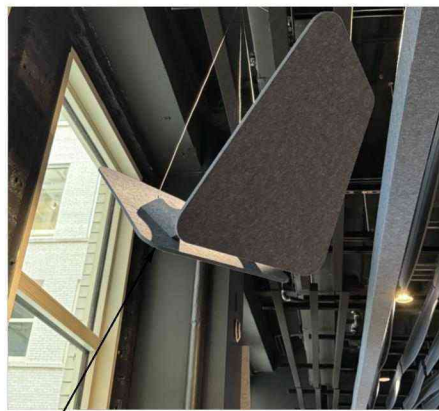
NTS



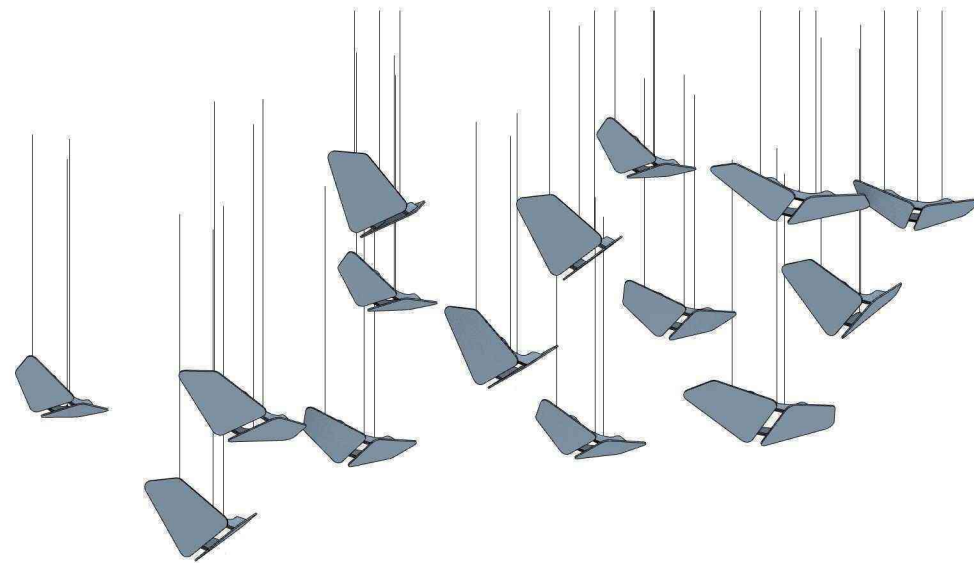
**CEILING PRODUCT CONNECTION**

02

NTS



NOTE: CABLES WILL BE INSTALLED PARALLEL  
NOT AS SHOWN IN PROTOTYPE IMAGE



**AXON & PROTOTYPE**

01

NTS