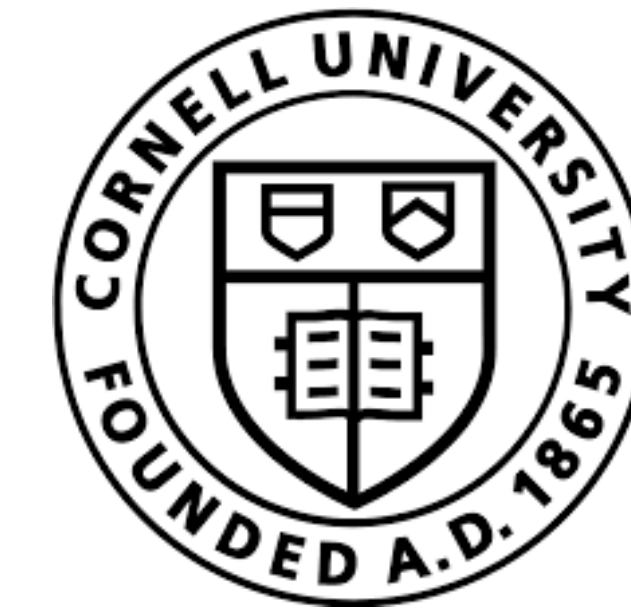




Balch Hall Renovation

Cornell University
Ithaca, New York 14850



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ARCHITECTURE / PLANNING / PRESERVATION

CONSTRUCTION DOCUMENTS
NOVEMBER 05, 2021

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VOLUME I - BINDER I

INTRODUCTION

The project includes the renovation of the existing Balch Hall location on the Cornell University campus in Ithaca, NY. As a result of the renovation, all building and life safety systems will be replaced per the new interior layout at each floor that is intended to increase the number of residential units within the building.

The following describes the basic building code compliance approach for the project.

APPLICABLE CODES

Table with 2 columns: Code Category (Building, Fire Code, Plumbing Code, Electrical Code, Mechanical Code, Fuel Gas Code, Energy Code, Accessibility, Other) and Code Reference (e.g., 2020 Building Code of New York State (BCNYS), 2020 Fire Code of New York State (FCNYS), etc.)

EXISTING BUILDING CODE SCOPING REQUIREMENTS

GENERAL REQUIREMENTS:

Portions of an existing building undergoing repair, alteration, addition, or a change of occupancy are subject to the requirements of the EBCNYS and the FCNYS. In general, existing materials and conditions can remain provided they were installed in accordance with the code at the time of original installation.

Where compliance with the requirements of the code for new construction is impractical due to construction difficulties or regulatory conflicts, compliance alternatives may be approved by the building official.

COMPLIANCE METHOD AND CLASSIFICATION OF WORK REQUIREMENTS:

The EBCNYS has 3 different compliance methods that can be used to evaluate a renovation project:

- Prescriptive Method (EBCNYS Chapter 5)
- Work Area Method (EBCNYS Chapters 6-12)
- Performance Method (EBCNYS Chapter 13)

The Work Area Method has been selected for use on this project (EBCNYS 301.3.2). The project includes a major gut-renovation to the existing building.

EXISTING BUILDING CODE ANALYSIS

USE AND OCCUPANCY CLASSIFICATION

The primary occupancies within the existing building consist of residential dormitory units (Group R-2), office space (Group B), and back of house space designated for storage and building service (Group S-2) (BCNYS 302.1).

Balch Hall is constructed as a non-separated, mixed-use building. The existing occupancy approach is intended to remain as part of the project. Since select areas at the First and Second Floors are undergoing a change of occupancy from Group B to Group R-2, these spaces will be separated from the remainder of the building due to the existing height of the building.

CONSTRUCTION TYPE

Balch Hall is constructed of stone masonry exterior walls and concrete floors. Its foundations and structure consist of reinforced concrete, concrete, brick masonry, and tile encased steel frame. Interior walls are constructed of solid plaster on lath and plaster on clay throughout the majority of the building.

Though the building was originally constructed with fireproof construction, the archaic gypsum tiles have not been tested under the current test standards (hourly rating is unknown). Also, the concrete floor slabs are shown on the original structural drawings as only be around 2.5" thick (varies based on location).

HEIGHT AND AREA

The existing building outside the scope of the change of occupancy taking place is intended to remain, and is not required to comply with new construction height and area limitations. A Change of Occupancy from Group B to Group R-2 requires compliance with new construction height and area provisions for the new occupancies at the First and Second Floors (EBCNYS 1011.5).

Table: New Construction Height Limitations - Type IIB. Columns: Group, Tabular Height (St., ft.), Actual Height (St., ft.). Row: R-2, 5, 75, 6, 65.

Table: New Construction Area Limitations - Type IIB. Columns: Group, Tabular Area (ft²), Open Frontage (ft²), Allowable Footprint Area (ft²), Actual Footprint Area (ft²), Allowable Aggregate Area (ft²), Actual Aggregate Area (ft²). Row: R-2, 48,000, 12,000, 60,000, 36,804, 180,500, 166,814.

As shown above, Group R-2 is limited to 5 stories in height. Therefore, the new residential occupancies will be limited to the First and Second floors of the building (BCNYS 508.4.3). These occupancies will be separated from the remainder of the existing building due to the existing height which exceeds limitations for new construction.

FIRE RESISTANCE RATING OF BUILDING ELEMENTS

The following table indicates the minimum fire-resistance ratings required for the building elements (BCNYS 602). These ratings are required to be maintained for new and existing building components (BCNYS 602.1.1):

Table: Fire-Resistance Ratings. Columns: Building Element, Type IIB. Rows: Primary structural frame (0 Hours), Exterior bearing walls (0 Hours), Interior bearing walls (0 Hours), Nonbearing exterior walls (See Nonbearing Exterior Walls & Openings Section Below), Floor construction and secondary members (0 Hours), Roof construction and secondary members (0 Hours).

EXTERIOR WALLS

A change in occupancy to an equal hazard category per EBCNYS Table 1011.6 permits existing exterior walls to remain as is. Existing conditions are permitted to be replaced in kind without requiring compliance with new construction (such as a window replacement - EBCNYS 701.2).

The rating and opening limitations are based on the fire separation distance for each wall. Fire separation distance is defined as the distance measured from the building face to the closest interior lot line, the centerline of a street, alley, or public way, or to an imaginary lot line between two buildings (EBCNYS 202 - Fire Separation Distance definition).

Table: Nonbearing Exterior Wall Fire Rating and Opening Limitations. Columns: Fire Separation Distance (ft), Fire Resistance Rating (Group A, B, R-2), Allowable Area. Rows: 0 ≤ X < 3 (1 Hour, Not Permitted), 3 ≤ X < 5 (1 Hour, 15%), 5 ≤ X < 10 (1 Hour, 25%), X ≥ 10 (0 Hour, No Limit).

EXIT STAIR EXPOSURE

Where walls and unprotected openings enclose the exterior of exit stairways and the walls are exposed to other parts of the building at an angle of less than 180 degrees, the building exterior walls and openings within 10 feet horizontally of a nonrated wall or unprotected opening are required to have a fire-resistance rating of not less than 1-hour with 45-minute opening protection.

The requirement above only applies to new and altered exterior walls (EBCNYS 801.3 & 701.2). Existing exterior walls are permitted to remain or be replaced in kind, unless otherwise required by a change in use.

INTERIOR WALLS

The following table identifies the requirements for new or altered interior walls and partitions throughout the building that are required to be maintained or composed of fire/ smoke resistive assemblies.

Table: Fire/ Smoke Resistive Assemblies. Columns: Type of Assembly, Construction, Code Reference. Rows: Corridors serving Group R Occupancies (1/2-hour fire partition, BCNYS 1020.1), Dwelling/Sleeping Unit Separations (1/2-hour fire partition, BCNYS 420.2 & 708.3), Laundry Room over 100 SF (Wall capable of resisting the passage of smoke, BCNYS Table 509), Furnace room where any equipment is > 400,000 BTU per hour input (Wall capable of resisting the passage of smoke, BCNYS Table 509), Boiler room where the largest piece of equipment is > 15 psi and 10 horsepower (Wall capable of resisting the passage of smoke, BCNYS Table 509), New shafts Connecting 3 Stories or Less (1-hour fire barrier, BCNYS 713.4), New shafts Connecting More Than 3 Stories (2-hour fire barrier, BCNYS 713.4).

Balch Hall was observed to have a non-rated corridor system. Most of the corridor doors throughout the building were observed to be lacking in fire resistance rating. In general, existing corridors serving Group R are permitted to remain as is (FCNYS 1104.17 Exception 1).

The existing floor construction serving as existing dwelling unit horizontal separations and the bottom of stair landings will be maintained as part of the project (EBCNYS 701.2). New sleeping units being added at the First and Second Floors as part of the project will be provided with horizontal separations having a fire resistance rating of at least 1/2-hour.

DOORS AND FIRE SHUTTERS

New or altered doors, fire shutters, and their corresponding components are required to have fire-resistance ratings and meet the required testing standards as specified in the following table. All doors and fire shutters required to be fire-resistance-rated must be designed, installed, and labeled in accordance with NFPA 80 (BCNYS 716.1):

Table: Door Requirements. Columns: Wall Type, Required Wall Rating, Minimum Fire Door Rating, Performance Criteria for Doors/Shutters, Code Reference. Rows: Fire barriers (2-hour, 1-hour), Fire Partition (1/2-hour), Wall capable of resisting the passage of smoke (No rating).

IDENTIFICATION

All new fire barriers, fire partitions, smoke barriers, and smoke partitions, or any other wall required to have protected openings or penetrations are required to be permanently identified with signs or stenciling (BCNYS 703.7). The identification will:

- Be located in accessible concealed floor, floor-ceiling, or attic spaces.
- Be located within 15 feet of the end of each wall and at intervals not exceeding 30 feet measured horizontally along the wall or partition.
- Include lettering not less than 3 inches in height with a minimum 3/8 inch stroke in a contrasting color incorporating the suggested wording "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS".

PENETRATIONS

Penetration of fire-resistance-rated walls and horizontal assemblies that are not protected with dampers or a shaft are required to comply with this section. Ducts and air transfer openings that are protected by dampers are required to comply with the following section of this evaluation.

Through and membrane penetrations of fire-resistance-rated walls and fire-resistance-rated horizontal assemblies are required to be protected by an approved penetration firestop system installed as tested in accordance with ASTM E 814 or UL 1479, with a minimum positive pressure differential of 0.01 inch of water (BCNYS 714.4 & 714.5). Penetrations of fire-resistance-rated walls must have an F rating of not less than the required fire-resistance rating of the wall penetrated (BCNYS 714.4.1). Penetrations of fire-resistance rated horizontal assemblies must have an F rating/T rating of not less than 1 hour but not less than the required rating of the floor penetrated (BCNYS 714.5.1.2).

All unprotected floor penetrations should be corrected as part of this project.

DUCTS AND AIR TRANSFER OPENINGS

Fire and smoke dampers are required where ducts and air transfer openings penetrate walls as specified in the BCNYS. Where dampers are installed, they are required to be listed and bear the label of an approved testing agency (BCNYS 717.3.1). Fire dampers must be tested in accordance with UL 555 and smoke dampers must be tested in accordance with UL 555S. Combination fire/smoke dampers must comply with both test standards.

Fire dampers are required to be rated for 1.5 hours, unless they are installed in a 3-hour or greater assembly, in which case they are required to be 3-hour rated (BCNYS 717.3.2.1). For this project, all fire dampers are expected to be 1.5 hour since there are no 3-hour fire resistance rated walls. Smoke damper leakage ratings must be Class I or II. Elevated temperature ratings must not be less than 250°F (BCNYS 717.3.2.2). Combination fire/smoke dampers must comply with both rating requirements (BCNYS 717.3.2.3). Refer to the BCNYS 717.3.3 for required damper actuation methods.

Fire, smoke, and fire/smoke dampers are required to be provided with an approved means of access that permits inspection and maintenance of the damper and its operating parts (BCNYS 717.4). Access points are required to have permanent labels with letters that are not less than 1/2 inch in height that reads "FIRE/SMOKE DAMPER, SMOKE DAMPER, or FIRE DAMPER".

VERTICAL OPENINGS

The existing building is provided with multiple exit stairways that connect more than three stories. Many of the stairs were observed to be either unenclosed on some floors or enclosed in non-rated construction. All existing vertical openings connecting two or more floors are required to be enclosed in at least 1-hour rated construction (EBCNYS 802.2 & 1011.7). New or altered shafts or vertical openings are required to comply with the code for new construction and be enclosed in construction consistent with the fire/ smoke resistive assemblies previously outlined (EBCNYS 801.3).

A change in Occupancy to a higher hazard category per EBCNYS Table 1011.4 requires all existing vertical openings in the area undergoing the change of occupancy to be also required to be enclosed as outlined in the Fire/ Smoke Resistive Assemblies table previously listed for new construction.

INTERIOR FINISHES

New and existing interior finishes on walls and ceilings are required to comply with the code for new construction (EBCNYS 802.4). New interior floor finishes and trims are also required to comply with the code for new construction (EBCNYS 702.2 & 702.3). The following table outlines the minimum new construction interior wall and ceiling finish requirements throughout a sprinklered building.

Table: Interior Wall & Ceiling Finish Requirements. Columns: Occupancy Classification, Exit Enclosures, Corridors, Exit Access Stairways/Ramps, Rooms and Enclosed Spaces. Rows: A-2/A-3/B, R-2.

1. Interior finishes are grouped in the following classes: Class A - flame spread index 0-25, Class B - flame spread index 26-75, Class C - flame spread index 76-200. All classes must have a smoke-developed index that does not exceed 450 (BCNYS 803.1.2).

New floor finishes and coverings of a traditional type, such as wood, vinyl, linoleum or terrazzo, and resilient floor covering materials that are not comprised of fibers are permitted throughout (BCNYS 804.1 Exception). Newly installed interior floor covering materials are required to comply with the requirements of the DOC FF-1 "pill test" (CPSC 16 CFR Part 1630) (BCNYS 804.4.1 & 804.4.2 Exception).

AUTOMATIC SPRINKLER SYSTEM

The building is fully sprinklered throughout with the exception of the attics and crawl spaces. Since these spaces have limited access, are noncombustible, and are not used for storage, they are not required to be sprinklered per NFPA 13 (2016 NFPA 13, 8.15.1.2.2). Coverage of the sprinkler system is required to be maintained as part of this project in accordance with NFPA 13 (EBCNYS 803.2 & 1011.2). An approved water supply for fire protection is required to be made available at all times during construction (EBCNYS 1509.1). Partial occupancy of the building is not permitted until the new automatic sprinkler system has been tested and approved (EBCNYS 1507.1).

STANDPIPE SYSTEM

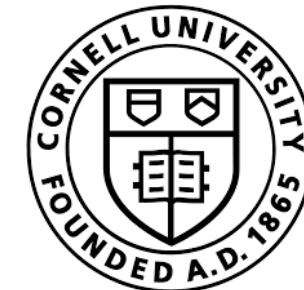
Balch Hall is currently provided with an automatic, wet standpipe system. Fire department hose connections are provided throughout the building either within the exit stair or in close proximity. Under the code for new construction, standpipe connections are required to be provided within every stair. As part of this project, the standpipe system is required to be maintained (EBCNYS 703.1). Not less than one standpipe is required to remain operational throughout construction (EBCNYS 1506.1).

FIRE EXTINGUISHERS

Portable fire extinguishers were observed to be provided throughout the building and were last serviced in 2018. Coverage was not verified as part of the survey. As part of this renovation, fire extinguisher coverage should be maintained as necessary to comply with BCNYS and NFPA 10 (BCNYS 906.2).

FIRE ALARM AND DETECTION SYSTEMS

The existing building is provided with a zoned fire alarm system consisting of manual pull stations at exits, clear horn/ strobe notification appliances, horn notification appliances, smoke detection throughout, and various supplementary fire alarm panels. The main fire alarm panel is a FCI 7200 fire alarm control panel and is located at the 1st Floor. The level of protection is required to be maintained as part of the project (EBCNYS 803.4). All new fire alarm devices and any modifications to the existing fire alarm system are required to meet new construction requirements of NFPA 72 and CSFC relative to their installation.



BALCH HALL RENOVATION

Cornell University

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KEY PLAN

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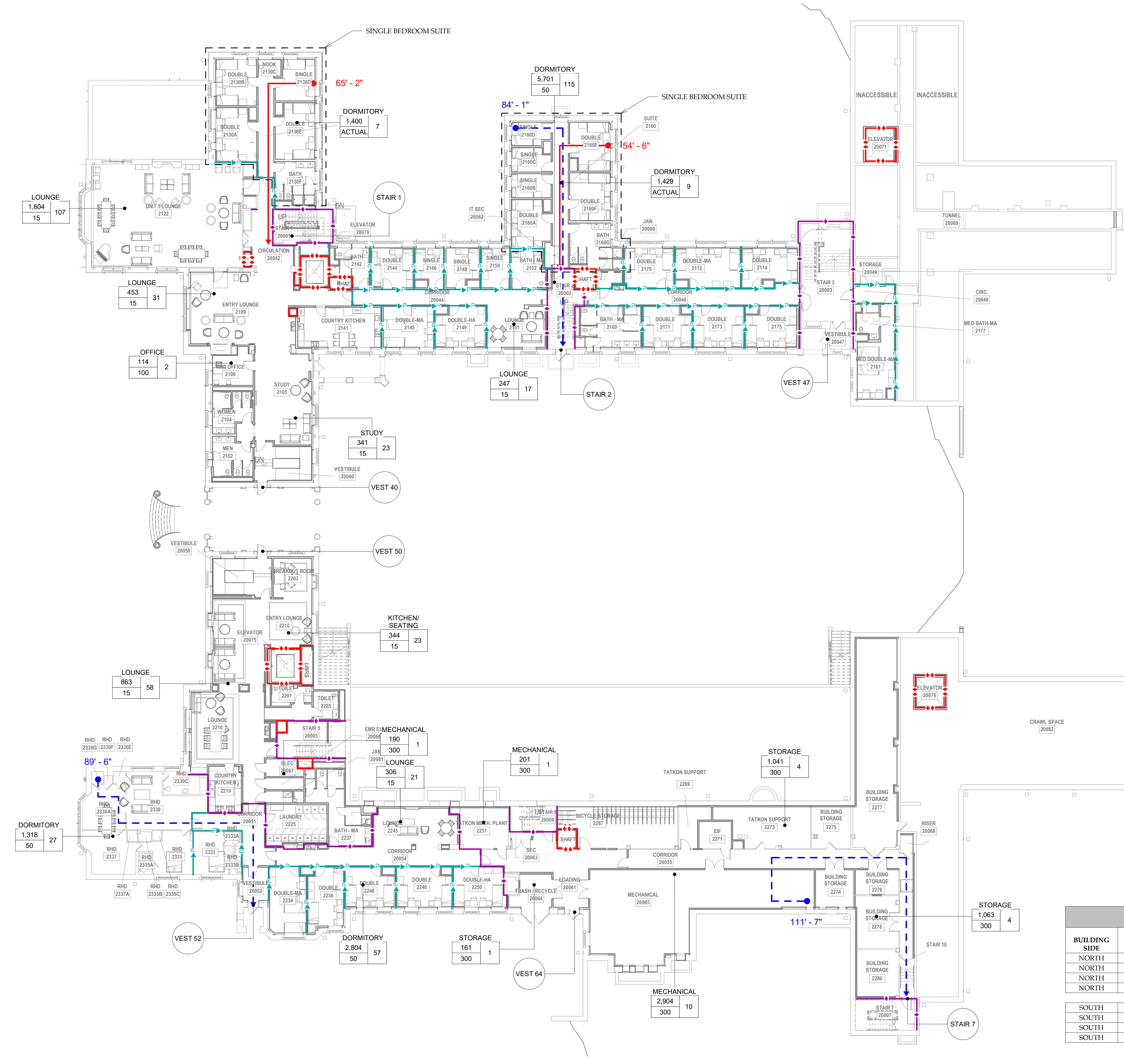
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1 SECOND FLOOR
1/16" = 1'-0"

LIFE SAFETY LEGEND

WALL RATINGS

SMOKE TIGHT CONSTRUCTION (NON-RATED) ST

30 - MINUTE FIRE PARTITION (20 MIN.) P

1-HOUR FIRE BARRIER (45 MIN./60 MIN.*) 1

2-HOUR FIRE BARRIER (90 MIN.) 2

WALL RATINGS SHOWN FOLLOWED BY OPENING PROTECTION REQUIREMENTS IN PARENTHESIS

EXISTING SHAFTS ARE REQUIRED TO BE MINIMALLY ENCLOSED IN 1-HOUR RATED CONSTRUCTION. EXISTING RATINGS ARE NOT PERMITTED TO BE REDUCED.

*60-MINUTE OPENING PROTECTIVES REQUIRED FOR DOORS SERVING 1-HOUR EXIT ENCLOSURES AND 1-HOUR SHAFTS

OCCUPANT LOAD BLOCK

ROOM NAME → SAMPLE ROOM → OCCUPANT LOAD

AREA (SF) → 1,000 → OCCUPANT LOAD

OCCUPANT LOAD FACTOR → 100 → 10

EXIT BLOCK

EXIT DESIGNATION → EXIT 1

TRAVEL DISTANCE

TRAVEL DISTANCE TO EXIT → XX'

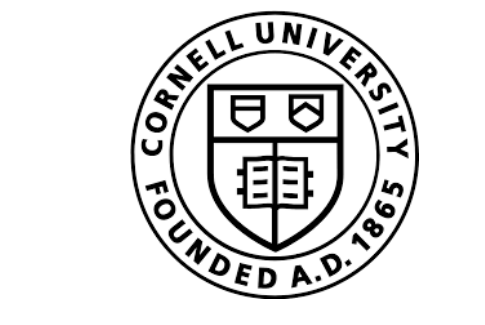
COMMON PATH OF TRVEL → XX'

OCCUPANT LOAD SUMMARY TABLE - SECOND FLOOR

BUILDING SIDE	FUNCTION OF SPACE	AREA (SF)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
NORTH	DORMITORY	2,829 SF	ACTUAL	16
NORTH	LOUNGE	2,303 SF	15 SF	155
NORTH	STUDY	341 SF	15 SF	23
NORTH	DORMITORY	5,701 SF	50 SF	115
NORTH	OFFICE	114 SF	100 SF	2
NORTH	STORAGE	34 SF	300 SF	1
		11,322 SF		312
SOUTH	KITCHEN/ SEATING	344 SF	15 SF	23
SOUTH	LOUNGE	1,169 SF	15 SF	79
SOUTH	DORMITORY	4,122 SF	50 SF	84
SOUTH	MECHANICAL	3,295 SF	300 SF	12
SOUTH	STORAGE	2,265 SF	300 SF	9
		11,195 SF		207

EXIT CAPACITY SUMMARY TABLE - SECOND FLOOR

BUILDING SIDE	EXIT #	DOOR WIDTH (INCHES)	DOOR CAPACITY (PERSONS)	STAIR WIDTH (INCHES)	STAIR CAPACITY (PERSONS)	LIMITING CAPACITY (PERSONS)	ACTUAL USE (PERSONS)
NORTH	STAIR 1	34	226	53	265	226	78
NORTH	STAIR 2	36	240			240	78
NORTH	VEST 40	36	240			240	78
NORTH	VEST 47	36	240			240	78
						946	312
SOUTH	STAIR 7	33	220	46	230	220	51
SOUTH	VEST 50	36	240			240	52
SOUTH	VEST 52	36	240			240	52
SOUTH	VEST 64	34	226			226	52
						926	207



BALCH HALL RENOVATION
Cornell University

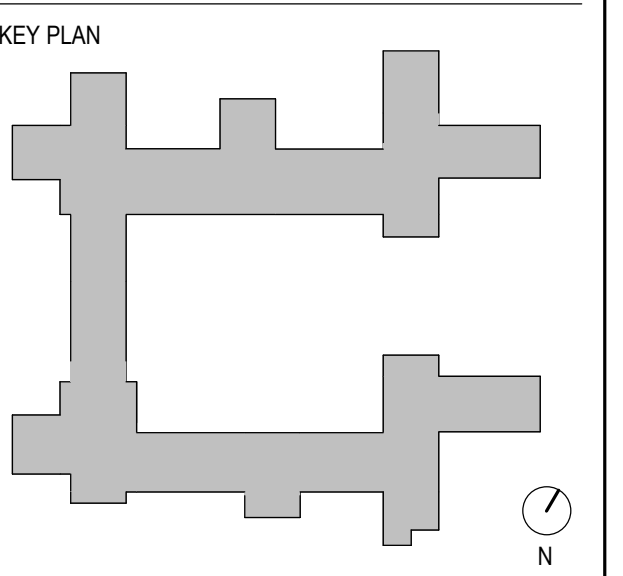
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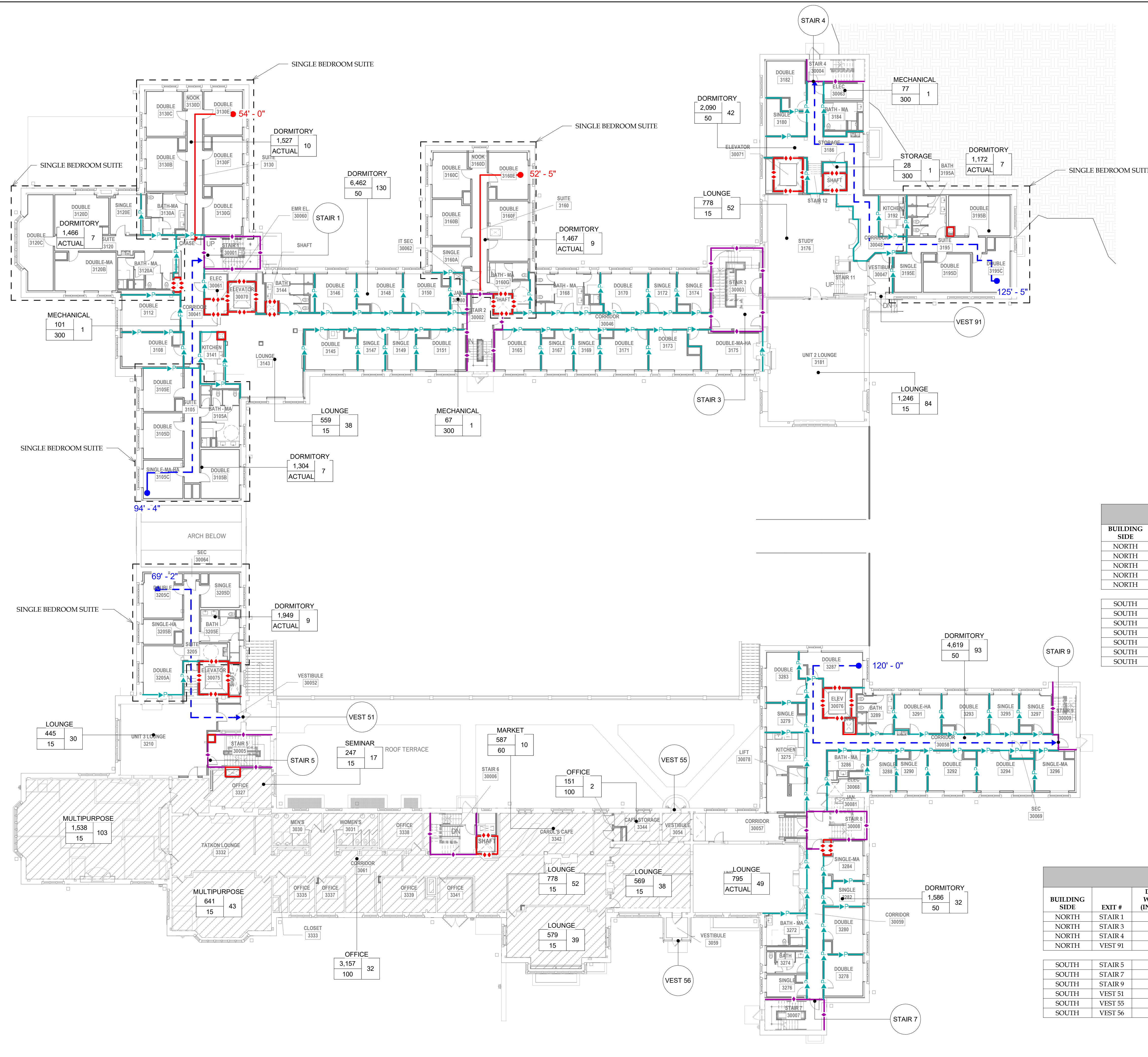
ISSUE
SECOND FLOOR LIFE SAFETY PLAN

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1 THIRD FLOOR
1/16" = 1'-0"

LIFE SAFETY LEGEND

WALL RATINGS

SMOKE TIGHT CONSTRUCTION (NON-RATED) ST

30 - MINUTE FIRE PARTITION (20 MIN.)

1-HOUR FIRE BARRIER (45 MIN./60 MIN.)*

2-HOUR FIRE BARRIER (90 MIN.)

WALL RATINGS SHOWN FOLLOWED BY OPENING PROTECTION REQUIREMENTS IN PARENTHESIS

EXISTING SHAFTS ARE REQUIRED TO BE MINIMALLY ENCLOSED IN 1-HOUR RATED CONSTRUCTION. EXISTING RATINGS ARE NOT PERMITTED TO BE REDUCED.

*60-MINUTE OPENING PROTECTIVES REQUIRED FOR DOORS SERVING 1-HOUR EXIT ENCLOSURES AND 1-HOUR SHAFTS

OCCUPANT LOAD BLOCK

ROOM NAME → SAMPLE ROOM

AREA (SF) → 1,000

OCCUPANT LOAD FACTOR → 100

EXIT BLOCK

EXIT DESIGNATION → EXIT 1

TRAVEL DISTANCE

TRAVEL DISTANCE TO EXIT → XX'

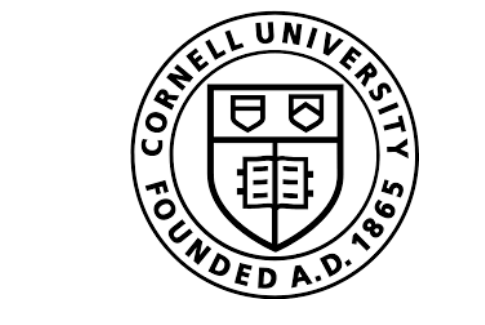
COMMON PATH OF TRVEL → XX'

OCCUPANT LOAD SUMMARY TABLE - THIRD FLOOR

BUILDING SIDE	FUNCTION OF SPACE	AREA (SF)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
NORTH	DORMITORY	6,935 SF	ACTUAL	40
NORTH	LOUNGE	2,584 SF	15 SF	174
NORTH	DORMITORY	8,552 SF	50 SF	172
NORTH	MECHANICAL	245 SF	300 SF	3
NORTH	STORAGE	28 SF	300 SF	1
		18,344 SF		390
SOUTH	DORMITORY	1,949 SF	ACTUAL	9
SOUTH	LOUNGE	3,165 SF	15 SF	208
SOUTH	MULTIPURPOSE	2,179 SF	15 SF	146
SOUTH	SEMINAR	247 SF	15 SF	17
SOUTH	DORMITORY	6,205 SF	50 SF	125
SOUTH	MARKET	587 SF	60 SF	10
SOUTH	OFFICE	3,308 SF	100 SF	34
		17,640 SF		549

EXIT CAPACITY SUMMARY TABLE - THIRD FLOOR

BUILDING SIDE	EXIT #	DOOR WIDTH (INCHES)	DOOR CAPACITY (PERSONS)	STAIR WIDTH (INCHES)	STAIR CAPACITY (PERSONS)	LIMITING CAPACITY (PERSONS)	ACTUAL USE (PERSONS)
NORTH	STAIR 1	34	226	53	265	226	97
NORTH	STAIR 3	66	440	55	275	275	97
NORTH	STAIR 4	33	220	55	275	220	98
NORTH	VEST 91	34	226			226	98
						947	390
SOUTH	STAIR 5	33	220	48	240	220	91
SOUTH	STAIR 7	33	220	46	230	220	91
SOUTH	STAIR 9	33	220	43	215	215	91
SOUTH	VEST 51	38	253	72	360	253	92
SOUTH	VEST 55	34	226			226	92
SOUTH	VEST 56	34	226			226	92
						1,360	549



BALCH HALL RENOVATION

Cornell University

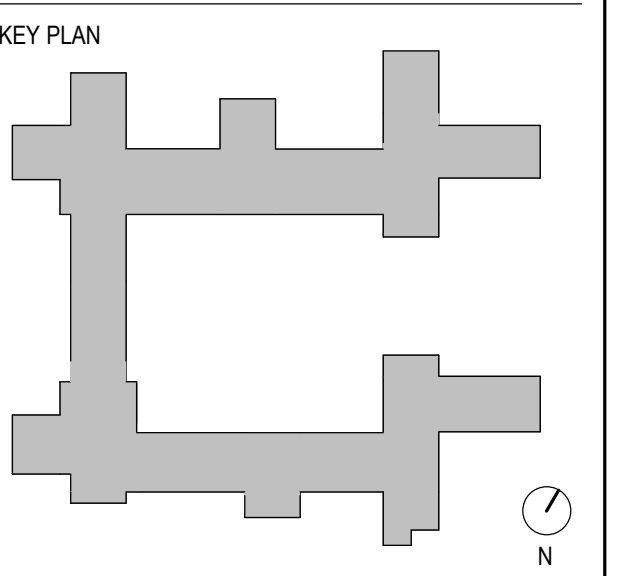
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THIRD FLOOR LIFE SAFETY PLAN

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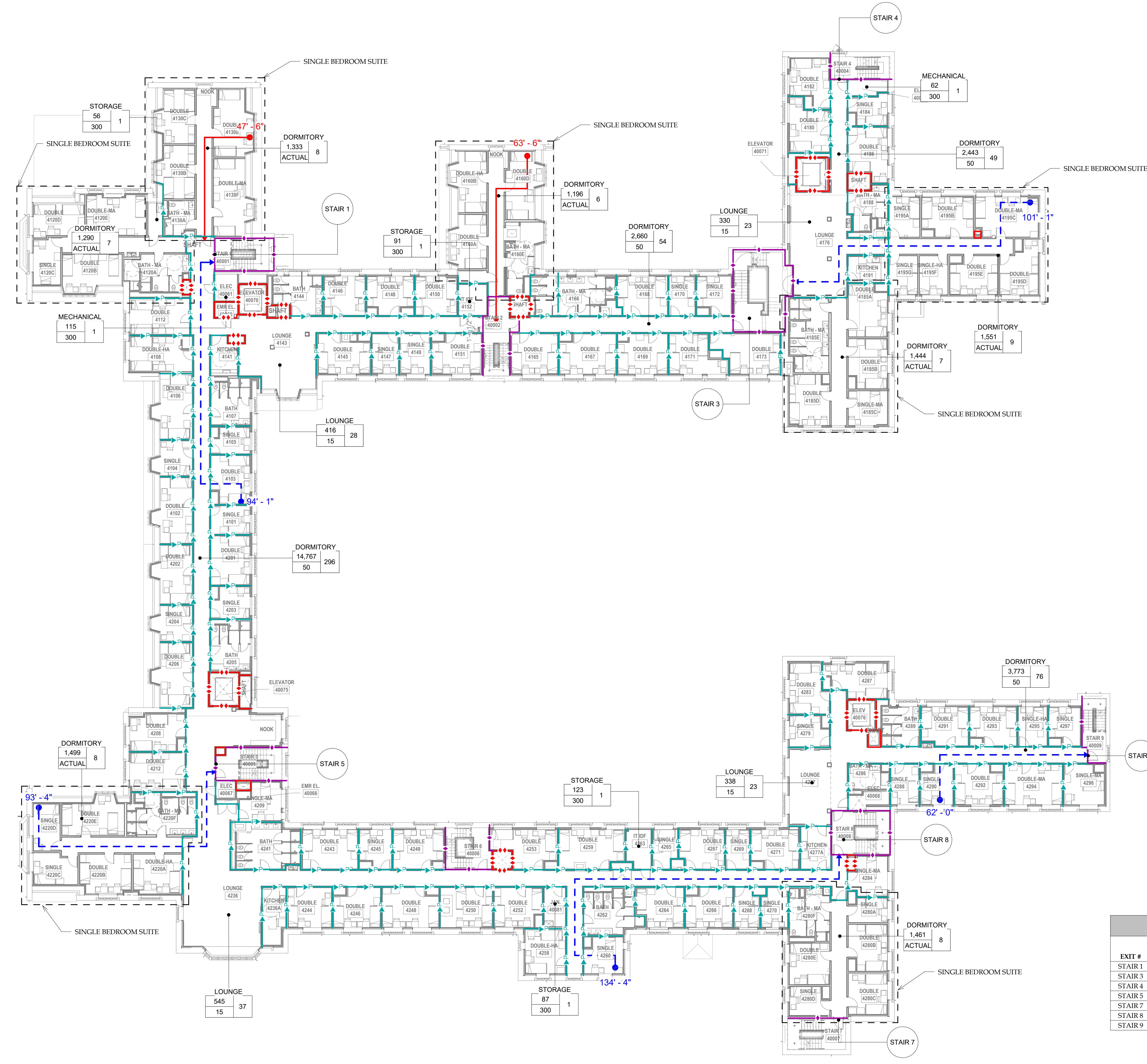
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LIFE SAFETY LEGEND

WALL RATINGS

SMOKE TIGHT CONSTRUCTION (NON-RATED) —ST—

30 - MINUTE FIRE PARTITION (20 MIN.) —P—

1-HOUR FIRE BARRIER (45 MIN./60 MIN.*) —R—

2-HOUR FIRE BARRIER (90 MIN.) —R—

WALL RATINGS SHOWN FOLLOWED BY OPENING PROTECTION REQUIREMENTS IN PARENTHESIS

EXISTING SHAFTS ARE REQUIRED TO BE MINIMALLY ENCLOSED IN 1-HOUR RATED CONSTRUCTION. EXISTING RATINGS ARE NOT PERMITTED TO BE REDUCED.

*60-MINUTE OPENING PROTECTIVES REQUIRED FOR DOORS SERVING 1-HOUR EXIT ENCLOSURES AND 1-HOUR SHAFTS

OCCUPANT LOAD BLOCK

ROOM NAME — SAMPLE ROOM — OCCUPANT LOAD

AREA (SF) — 1,000 — 10

OCCUPANT LOAD FACTOR — 100 —

EXIT BLOCK

EXIT DESIGNATION — EXIT 1

TRAVEL DISTANCE

TRAVEL DISTANCE TO EXIT — XX' —

COMMON PATH OF TRVEL — XX' —



BALCH HALL RENOVATION

Cornell University

600 Thurston
Ithaca, New York 14853

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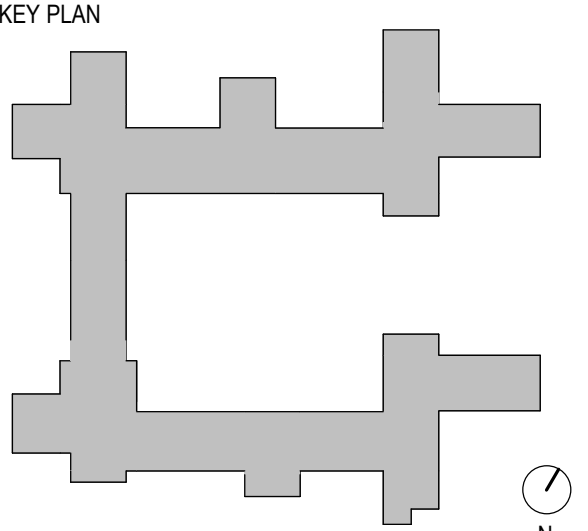
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ISSUED: 11-05-2021

OCCUPANT LOAD SUMMARY TABLE - FOURTH FLOOR

FUNCTION OF SPACE	AREA (SF)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
DORMITORY	9,773 SF	ACTUAL	53
LOUNGE	1,628 SF	15 SF	111
DORMITORY	23,642 SF	50 SF	475
MECHANICAL	177 SF	300 SF	2
STORAGE	358 SF	300 SF	4
	35,578 SF		645

EXIT CAPACITY SUMMARY TABLE - FOURTH FLOOR

EXIT #	DOOR WIDTH (INCHES)	DOOR CAPACITY (PERSONS)	STAIR WIDTH (INCHES)	STAIR CAPACITY (PERSONS)	LIMITING CAPACITY (PERSONS)	ACTUAL USE (PERSONS)
STAIR 1	33	220	48	240	220	92
STAIR 3	66	440	55	275	275	92
STAIR 4	33	220	40	200	200	92
STAIR 5	33	220	48	240	220	92
STAIR 7	33	220	46	230	220	92
STAIR 8	33	220	53	265	220	92
STAIR 9	33	220	43	215	215	93
					1,570	645

① FOURTH FLOOR
1/16" = 1'-0"

ISSUE
FOURTH FLOOR LIFE SAFETY PLAN

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FILE NAME:

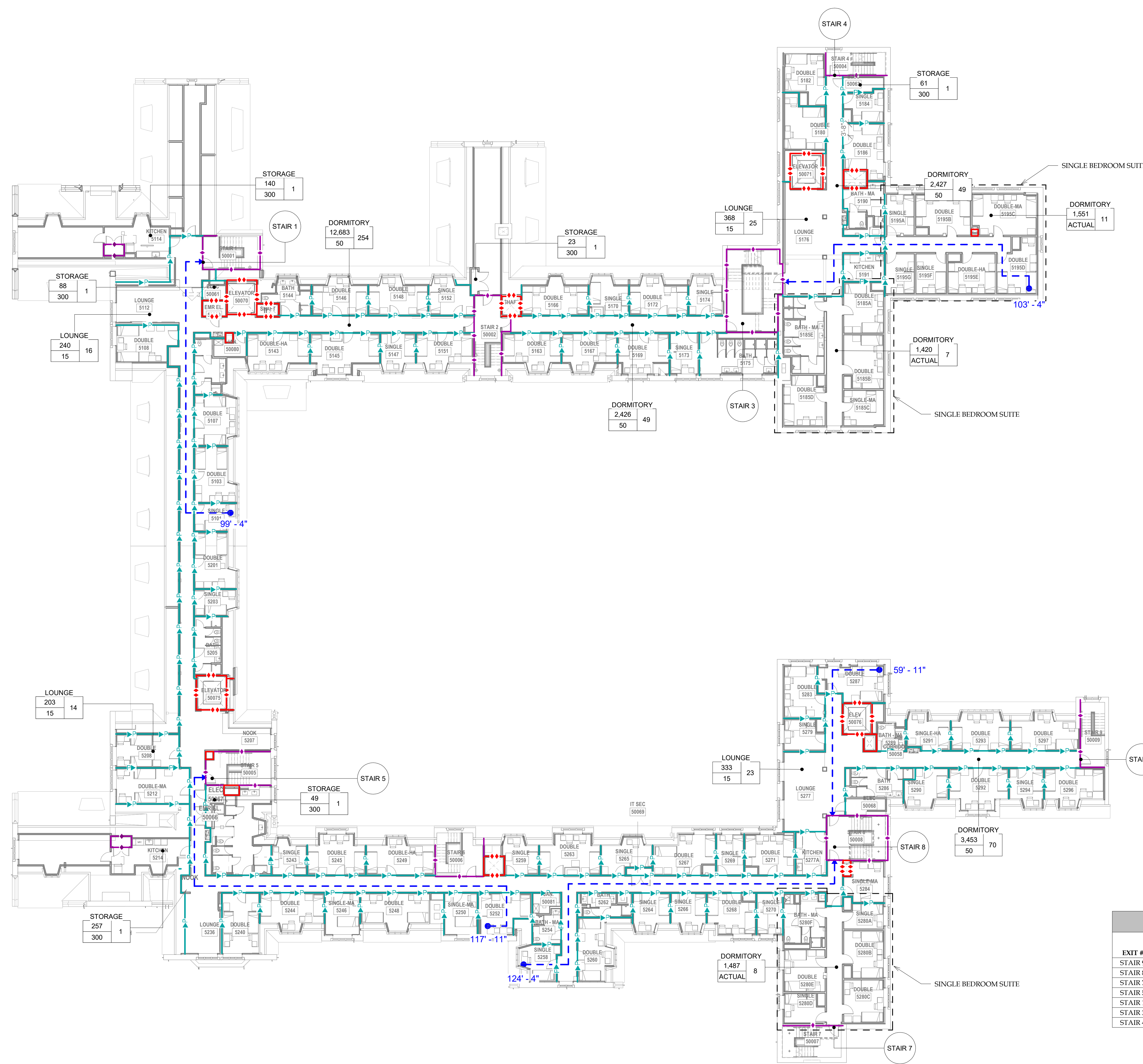
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LIFE SAFETY LEGEND

WALL RATINGS

SMOKE TIGHT CONSTRUCTION (NON-RATED) ST

30 - MINUTE FIRE PARTITION (20 MIN.) P

1-HOUR FIRE BARRIER (45 MIN./60 MIN.)* F

2-HOUR FIRE BARRIER (90 MIN.) R

WALL RATINGS SHOWN FOLLOWED BY OPENING PROTECTION REQUIREMENTS IN PARENTHESIS

EXISTING SHAFTS ARE REQUIRED TO BE MINIMALLY ENCLOSED IN 1-HOUR RATED CONSTRUCTION. EXISTING RATINGS ARE NOT PERMITTED TO BE REDUCED.

*60-MINUTE OPENING PROTECTIVES REQUIRED FOR DOORS SERVING 1-HOUR EXIT ENCLOSURES AND 1-HOUR SHAFTS

OCCUPANT LOAD BLOCK

ROOM NAME SAMPLE ROOM

AREA (SF) 1,000

OCCUPANT LOAD FACTOR 10

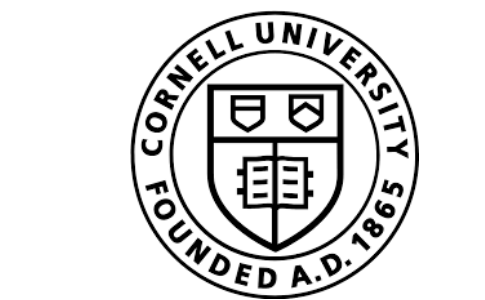
EXIT BLOCK

EXIT DESIGNATION EXIT 1

TRAVEL DISTANCE

TRAVEL DISTANCE TO EXIT XX'

COMMON PATH OF TRVEL XX'



BALCH HALL RENOVATION

Cornell University

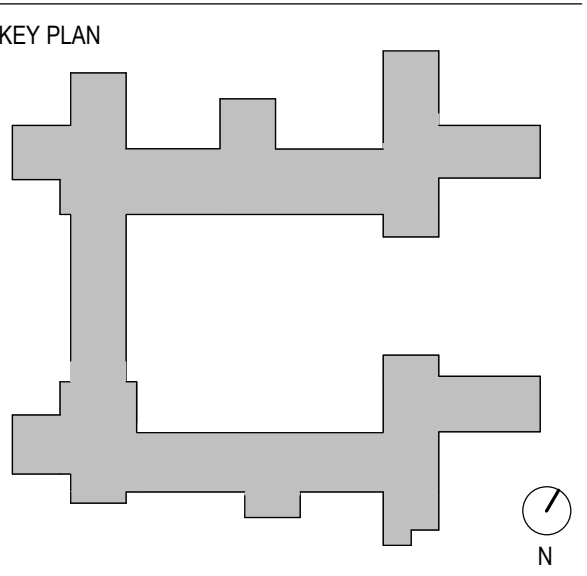
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OCCUPANT LOAD SUMMARY TABLE - FIFTH FLOOR

FUNCTION OF SPACE	AREA (SF)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
DORMITORY	4,457 SF	*FIX OLF*	26
LOUNGE	1,144 SF	15 SF	78
DORMITORY	20,988 SF	50 SF	422
STORAGE	618 SF	300 SF	6
	27,206 SF		532

EXIT CAPACITY SUMMARY TABLE - FIFTH FLOOR

EXIT #	DOOR WIDTH (INCHES)	DOOR CAPACITY (PERSONS)	STAIR WIDTH (INCHES)	STAIR CAPACITY (PERSONS)	LIMITING CAPACITY (PERSONS)	ACTUAL USE (PERSONS)
STAIR 9	33	220	43	215	215	76
STAIR 8	66	440	53	265	265	76
STAIR 7	33	220	46	230	220	76
STAIR 5	33	220	48	240	220	76
STAIR 1	33	220	48	240	220	76
STAIR 3	66	440	55	275	275	76
STAIR 4	33	220	40	200	200	76
					1,615	532

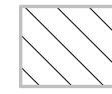


① FIFTH FLOOR
 1/16" = 1'-0"

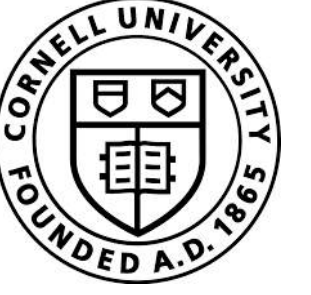
ISSUE
FIFTH FLOOR LIFE SAFETY PLAN

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STRUCTURAL FIRE RESISTANCE RATINGS LEGEND	
1-HOUR FIRE RESISTANCE RATING REFER TO RATED SLAB DIAGRAMS IN ARCHITECTURAL SET	
2-HOUR FIRE RESISTANCE RATING REFER TO RATED SLAB DIAGRAMS IN ARCHITECTURAL SET	
EXISTING TO REMAIN	



**BALCH HALL
RENOVATION**

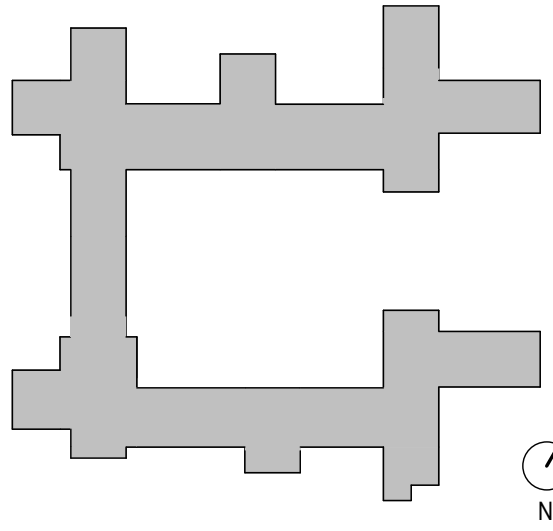
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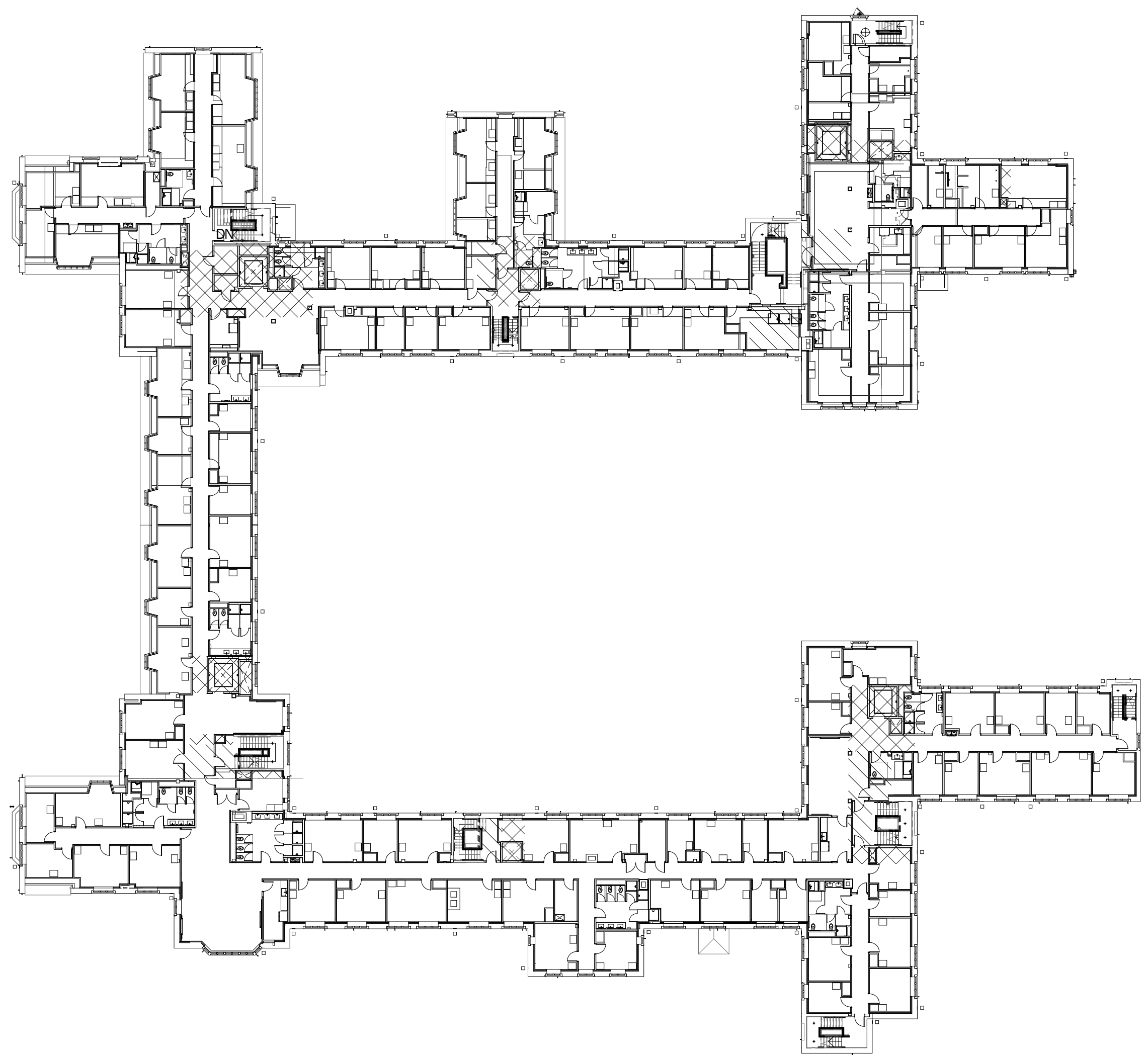
REVISIONS

NO.	DESCRIPTION	DATE

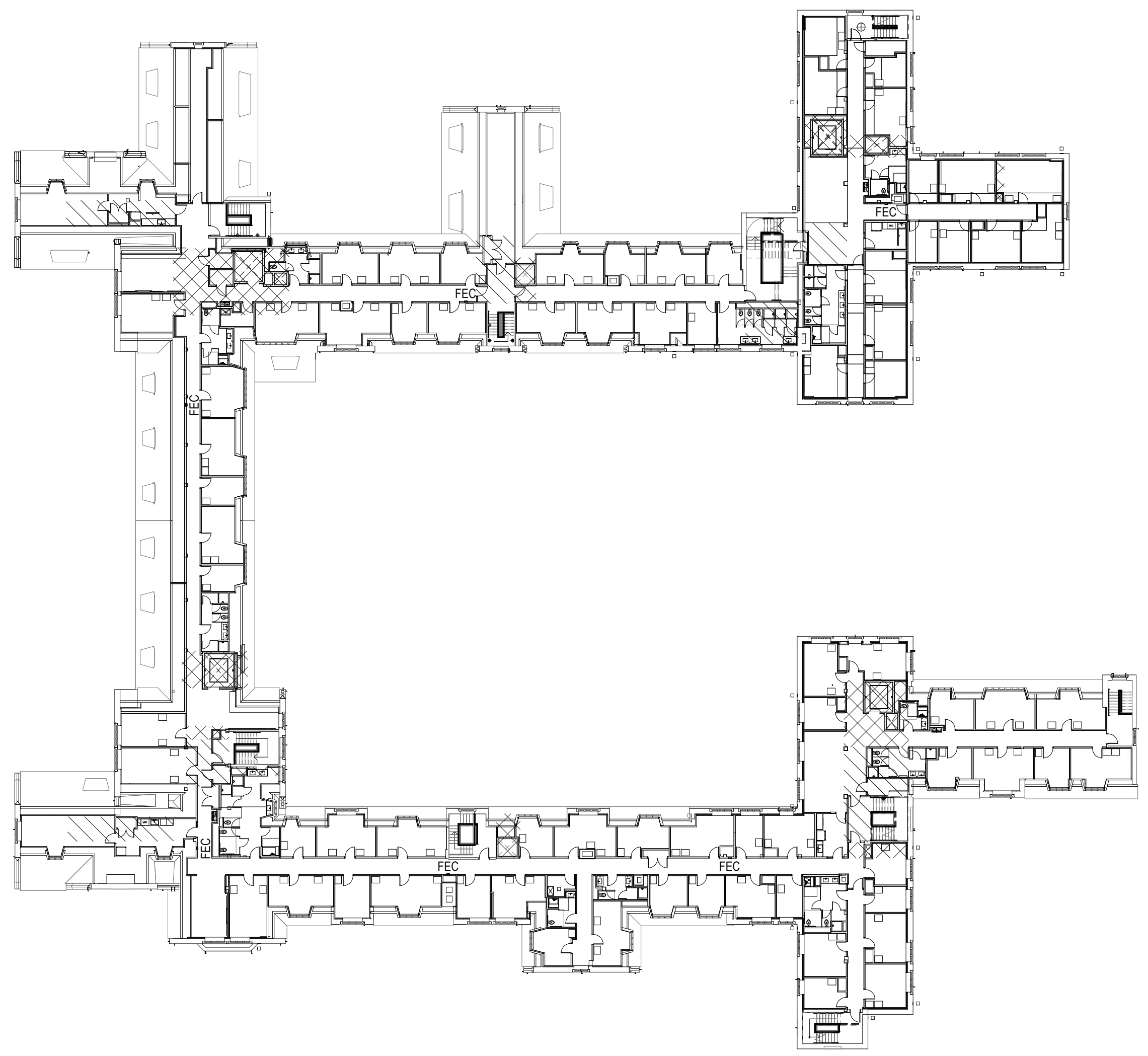
**FOURTH AND FIFTH FLOOR
STRUCTURAL FIRE
RESISTANCE RATING PLANS**

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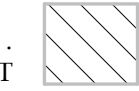


① **FOURTH FLOOR STRUCTURAL FIRE RESISTANCE RATINGS**
1" = 30'-0"

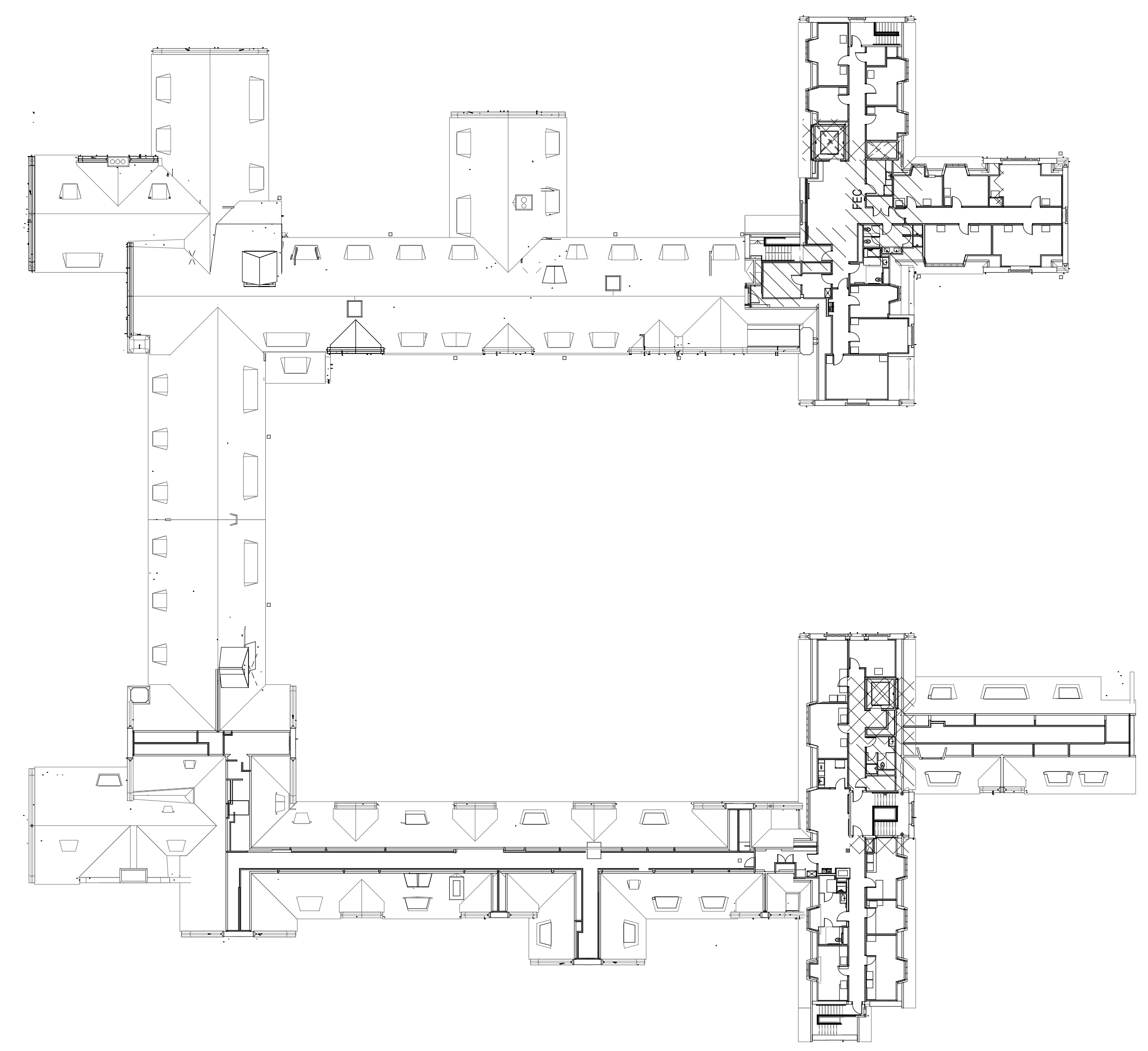


② **FIFTH FLOOR STRUCTURAL FIRE RESISTANCE RATINGS**
1" = 30'-0"

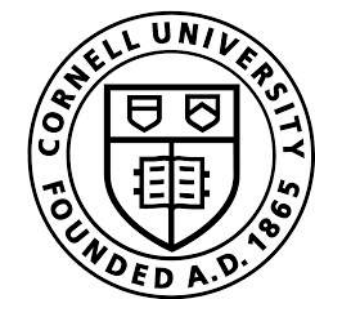
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STRUCTURAL FIRE RESISTANCE RATINGS LEGEND

1-HOUR FIRE RESISTANCE RATING	
REFER TO RATED SLAB DIAGRAMS IN ARCHITECTURAL SET	
2-HOUR FIRE RESISTANCE RATING	
REFER TO RATED SLAB DIAGRAMS IN ARCHITECTURAL SET	
EXISTING TO REMAIN	



① SIXTH FLOOR STRUCTURAL FIRE RESISTANCE RATINGS
1" = 30'-0"



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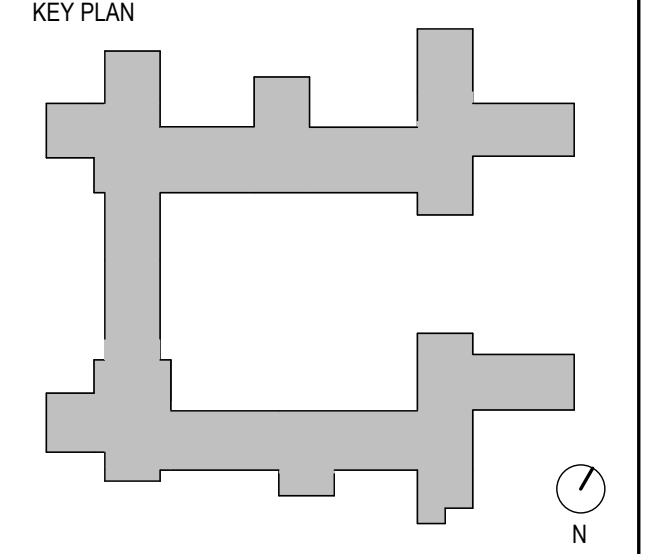
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ISSUED: 11/5/2021

REVISIONS

NO.	DATE	DESCRIPTION

**SIXTH FLOOR STRUCTURAL
FIRE RESISTANCE RATING
PLANS**

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GENERAL NOTES:

1. CONTRACTOR TO PROTECT THEIR EMPLOYEES WITH ADEQUATE PERSONAL PROTECTIVE EQUIPMENT AT ALL TIMES WHEN PERFORMING WORK ON THIS PROJECT.
2. BUILDING OWNER TO PROVIDE WATER SUPPLY AND ELECTRICAL POWER SOURCE ON THIS PROJECT TO CONDUCT WORK ACTIVITIES. CONTRACTOR TO PROVIDE ALL INTERCONNECTS FOR WATER/POWER AND TO ENSURE THAT ALL TEMPORARY WATER/POWER SOURCES ARE PROPERLY INSTALLED BY A LICENSED PLUMBER/ELECTRICIAN.
3. CONTRACTOR'S EMPLOYEES SHALL WEAR PROTECTIVE SUITS AND HALF-FACE RESPIRATORS (AT A MINIMUM) AT ALL TIMES WHILE PERFORMING ASBESTOS ABATEMENT, REGARDLESS OF ANY NEGATIVE EXPOSURE ASSESSMENT REPORTS/DATA.

ASBESTOS ABATEMENT NOTES:

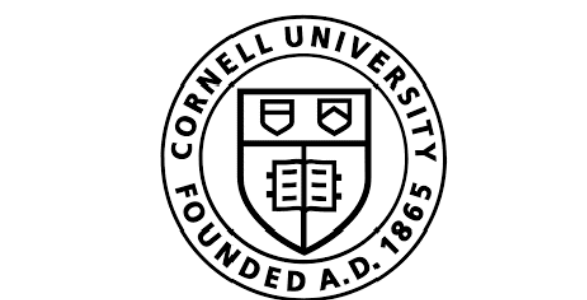
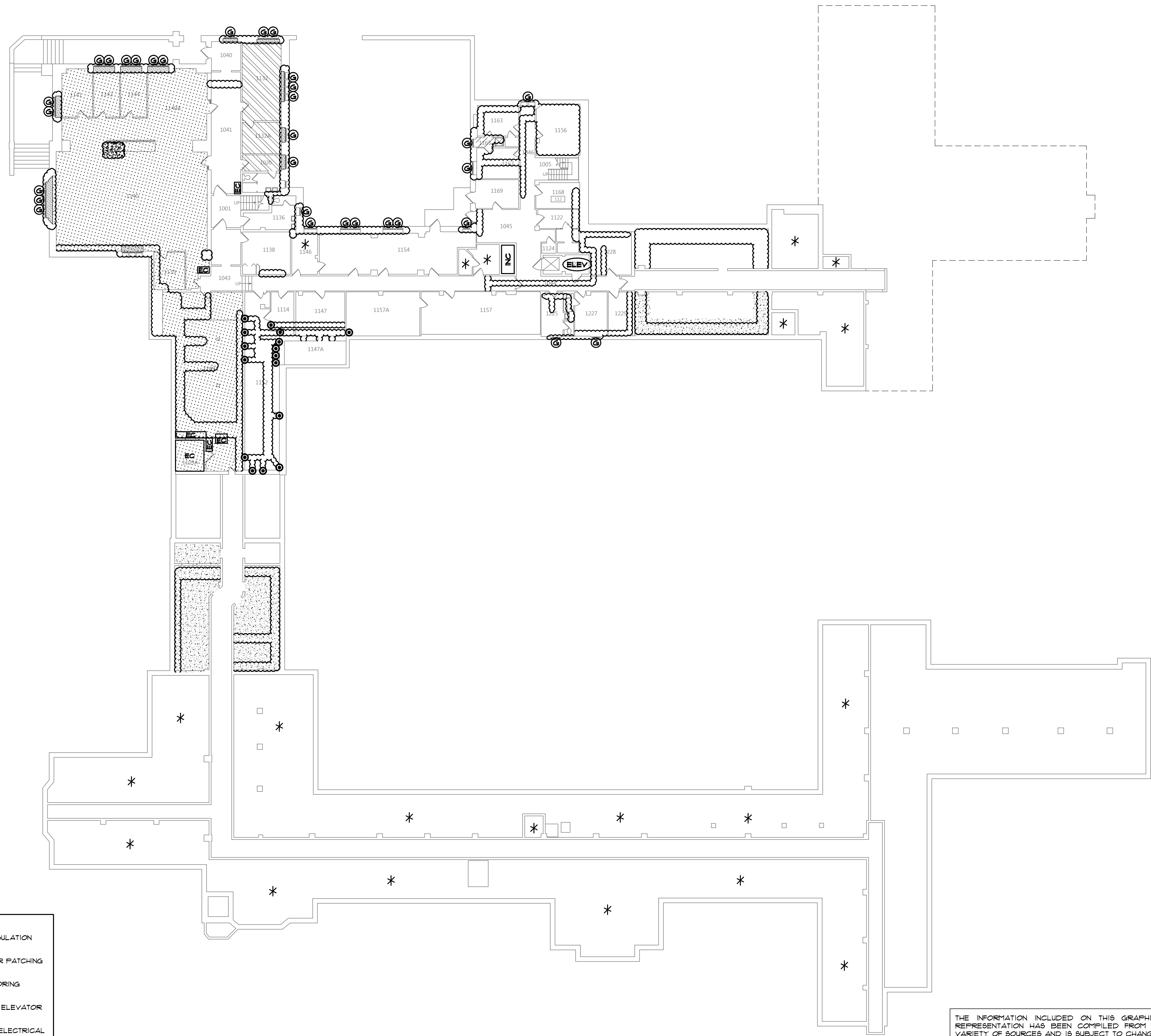
1. REFER TO ASBESTOS AND ENVIRONMENTAL CONSULTING CORPORATION'S (AECC'S) HAZARDOUS MATERIAL PRE-RENOVATION SURVEY REPORT, DATED FEBRUARY 4, 2019. A COPY OF THIS REPORT SHALL REMAIN ON-SITE DURING ALL ABATEMENT AND CONSTRUCTION ACTIVITIES.
2. CONTRACTOR SHALL OBSERVE ALL FEDERAL, STATE, AND LOCAL REGULATIONS GOVERNING ASBESTOS ABATEMENT.
3. ASBESTOS ABATEMENT PROCEDURES SHALL BE CONDUCTED IN A MANNER CONSISTENT WITH PROJECT SPECIFICATION 028213.
4. THE SCOPE OF ABATEMENT WORK INVOLVES THE REMOVAL OF ASBESTOS-CONTAINING MATERIALS AND DEBRIS FROM THE AREAS INDICATED ON DRAWINGS HM1.00 THROUGH HM2.00. REFER TO SPECIFICATION SECTION 028213 FOR ADDITIONAL DETAILS PERTAINING TO THE ASBESTOS ABATEMENT SCOPE OF WORK.
5. THE CONTRACTOR ASSUMES THE RESPONSIBILITY FOR THE MEANS AND METHODS UTILIZED TO COMPLETE THE PROJECT IN A TIMELY, PROFESSIONAL, LEGAL, AND SAFE MANNER.
6. THE CONTRACTOR ACKNOWLEDGES THAT THE PROVIDED DRAWINGS MAY NOT BE TO SCALE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ATTEND THE PRE-BID WALKTHROUGH AND SATISFY THEMSELVES OF THE QUANTITIES OF ASBESTOS-CONTAINING MATERIALS AND/OR PRESUMED ASBESTOS-CONTAINING MATERIALS THAT THEY SHALL BE CONTRACTUALLY OBLIGATED TO HANDLE AND DISPOSE OF ON THIS PROJECT.
7. DECONTAMINATION ENCLOSURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF NYS/DOL (CR 56). THE LOCATIONS OF THESE ENCLOSURES, STAGING AREAS, WASTE DUMPSTERS/TRAILERS/VEHICLES, POWER AND WATER SOURCES SHALL BE IDENTIFIED TO THE BUILDING OWNER AND THE PROJECT DESIGNER SEVENTY-TWO (72) HOURS PRIOR TO THE COMMENCEMENT OF ANY ACTIVITIES ON-SITE. THE CONTRACTOR ACCEPTS THAT THE BUILDING OWNER AND/OR THE PROJECT DESIGNER MAY MODIFY THIS PLAN FOR ANY REASON DEEMED NECESSARY. THE CONTRACTOR MAY NOT PROCEED WITH ABATEMENT ACTIVITIES UNTIL THEY HAVE THE APPROVAL OF THE BUILDING OWNER AND THE PROJECT DESIGNER.
8. THE BUILDING OWNER (OR THEIR DESIGNATED PERSONNEL) SHALL BE RESPONSIBLE FOR HIRING THE PROJECT MONITORING FIRM ON THIS PROJECT. THE CONTRACTOR SHALL RECOGNIZE THE SELECTED FIRM'S PERSONNEL AS THE BUILDING OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COLLECTION OF PERSONAL AIR SAMPLES FOR THEIR EMPLOYEES DURING THIS PROJECT.
9. CONTRACTOR SHALL COORDINATE/SCHEDULE ALL WORK WITH THE BUILDING OWNER AND MONITORING FIRM.
10. PRIOR TO MOBILIZATION, THE ABATEMENT CONTRACTOR SHALL COORDINATE AND ATTEND AN ON-SITE MEETING WITH THE GENERAL CONTRACTOR, OWNER, AND LOCAL FIRE AND EMERGENCY RESPONDERS TO REVIEW THE SCOPE OF WORK AND SCHEDULE. THE MEETING SHALL SERVE AS A PRE-PROJECT REVIEW OF EMERGENCY RESPONSE PROVISIONS AND TO ENSURE THAT EMERGENCY RESPONDERS ARE AWARE OF THE SITE ACTIVITIES AND CONDITIONS PRIOR TO AN EMERGENCY.
11. FOLLOWING THE ON-SITE MEETING WITH EMERGENCY RESPONDERS, THE ABATEMENT CONTRACTOR SHALL PREPARE AND SUBMIT A WRITTEN FIRE AND EMERGENCY RESPONSE PLAN THAT OUTLINES WORK PRACTICES AND PRECAUTIONS THAT WILL BE IMPLEMENTED TO ALLOW PROPER RESPONSE TO FIRE AND LIFE SAFETY ISSUES.
12. AN EMERGENCY SHUT-OFF SWITCH FOR THE NEGATIVE PRESSURE EXHAUST FANS SHALL BE INSTALLED IN A SECURE LOCATION ON THE GROUND FLOOR OF THE BUILDING, TO ALLOW EMERGENCY PERSONNEL TO DISCONTINUE POWER TO THE FAN UNITS IN THE EVENT OF A FIRE. THE LOCATION SHALL BE COORDINATED WITH THE OWNER AND CONFIGURED/INSTALLED BY A LICENSED ELECTRICIAN. THE LOCATION AND PROCEDURES FOR EMERGENCY SHUT-OFF SHALL BE CLEARLY DEFINED IN THE FIRE AND EMERGENCY RESPONSE PLAN, AND PROVIDED TO THE LOCAL FIRE DEPARTMENT PRIOR TO BEGINNING WORK. THE DISCONNECT SWITCH SHALL BE TESTED PRIOR TO ESTABLISHING NEGATIVE AIR TO THE WORK AREAS FOR ABATEMENT.
13. A NEW YORK STATE DEPARTMENT OF LABOR-CERTIFIED PROJECT SUPERVISOR MUST BE ON-SITE AT ALL TIMES THAT ABATEMENT WORKERS ARE PRESENT AND PERFORMING ANY TASKS ASSOCIATED WITH THE COMPLETION OF ABATEMENT WORK. THE SUPERVISOR MUST BE FLUENT IN ENGLISH AND THE LANGUAGE OF ALL WORKERS.
14. THE ABATEMENT CONTRACTOR SHALL CONDUCT OR OTHERWISE PROVIDE FOR PERSONAL AIR MONITORING OF ITS PERSONNEL THROUGHOUT THE DURATION OF THE PROJECT IN ACCORDANCE WITH THE REQUIREMENT OF 29 CFR PART 1923.11201.
15. THE ABATEMENT CONTRACTOR MAY, AT HIS OWN EXPENSE, APPLY FOR A SITE-SPECIFIC VARIANCE WITH THE NEW YORK STATE DEPARTMENT OF LABOR TO SEEK RELIEF FROM THE REQUIREMENTS OF THE INDUSTRIAL CODE RULE 56. SHOULD THE CONTRACTOR DECIDE TO PURSUE A SITE-SPECIFIC VARIANCE, SUCH REQUEST WILL BE SUBJECT TO THE REVIEW AND APPROVAL BY THE HAZARDOUS MATERIALS ENGINEER AND THE FACILITY OWNER. THE SITE-SPECIFIC VARIANCE PETITION PROCESS SHALL NOT AFFECT THE START AND TIMELY EXECUTION OF THE PROJECT OR THE PRICE SUBMITTED AT THE TIME OF BID SUBMITTAL.

LEAD SAFE WORK PRACTICES:

1. CONTRACTOR SHALL OBSERVE ALL FEDERAL, STATE, AND LOCAL REGULATIONS GOVERNING THE HANDLING AND DISPOSAL OF LEAD-BASED PAINT (LBP) AND/OR LEAD-CONTAINING MATERIALS (LCHM).
2. LEAD SAFE WORK PRACTICES SHALL BE FOLLOWED BY THE CONTRACTOR DURING ALL PROJECT-RELATED ACTIVITIES.
3. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL DETAILS PERTAINING TO THIS PROJECT.

LEGEND:		LEGEND (CONTINUED):	
	ASBESTOS-CONTAINING AND/OR PRESUMED ASBESTOS-CONTAINING PIPE AND/OR PIPE FITTING INSULATION TO BE REMOVED		ASBESTOS-CONTAINING HEATER INSULATION BOARD TO BE REMOVED
	ASBESTOS-CONTAINING PIPE AND/OR PIPE FITTING INSULATION DEBRIS TO BE REMOVED		ASBESTOS-CONTAINING INCINERATOR PATCHING COMPOUND TO BE REMOVED
	ASBESTOS-CONTAINING CEILING TILE MASTIC TO BE REMOVED		ASBESTOS-CONTAINING CORK FLOORING MASTIC TO BE REMOVED
	ASBESTOS-CONTAINING FLOOR TILE TO BE REMOVED		PRESUMED ASBESTOS-CONTAINING ELEVATOR COMPONENTS TO BE REMOVED
	ASBESTOS-CONTAINING WINDOW OR DOOR VISION PANEL GLAZING COMPOUND TO BE REMOVED		PRESUMED ASBESTOS-CONTAINING ELECTRICAL COMPONENTS TO BE REMOVED
	ASBESTOS-CONTAINING WALL AND/OR PIPE PENETRATION SEALANT TO BE REMOVED		NO ACCESS AT TIME OF SURVEY. BUILDING MATERIALS WITHIN THIS SPACE MUST BE PRESUMED HAZARDOUS, UNTIL EXAMINED BY A CERTIFIED INDIVIDUAL AND LABORATORY RESULTS PROVE OTHERWISE.

NOTE: LOCATIONS OF PIPE AND/OR PIPE FITTING INSULATION ABOVE HARD CEILING AND WITHIN WALL CHASES ARE BASED ON THE ORIGINAL PLUMBING DRAWINGS (1921). ACTUAL LOCATIONS AND QUANTITIES MAY VARY FROM THE DRAWINGS.

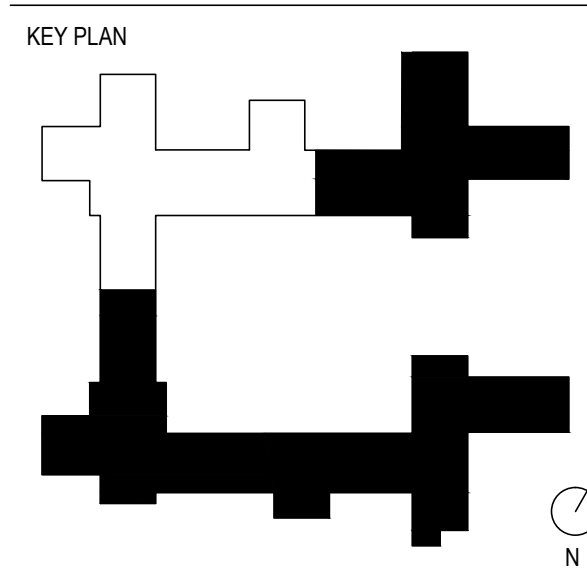


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AECC
 ENVIRONMENTAL CONSULTING
 Asbestos & Environmental Consulting Corporation
 6308 Fry Road
 East Syracuse, NY 13057



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 ISSUED: 01/29/2021

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 DRAWN: HSNP DATE: 11/25/2020
 CHECKED: NB SCALE:
 DRAWING NO.:

HM1.00

GENERAL NOTES:

- CONTRACTOR TO PROTECT THEIR EMPLOYEES WITH ADEQUATE PERSONAL PROTECTIVE EQUIPMENT AT ALL TIMES WHEN PERFORMING WORK ON THIS PROJECT.
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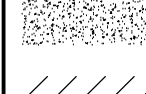






ASBESTOS ABATEMENT NOTES:

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- A NEW YORK STATE DEPARTMENT OF LABOR-CERTIFIED PROJECT SUPERVISOR MUST BE ON-SITE AT ALL TIMES THAT ABATEMENT WORKERS ARE PRESENT AND PERFORMING ANY TASKS ASSOCIATED WITH THE COMPLETION OF ABATEMENT WORK. THE SUPERVISOR MUST BE FLUENT IN ENGLISH AND THE LANGUAGE OF ALL WORKERS.
- THE ABATEMENT CONTRACTOR SHALL CONDUCT OR OTHERWISE PROVIDE FOR PERSONAL AIR MONITORING OF ITS PERSONNEL THROUGHOUT THE DURATION OF THE PROJECT IN ACCORDANCE WITH THE REQUIREMENT OF 29 CFR PART 1923.1101.
- THE ABATEMENT CONTRACTOR MAY, AT HIS OWN EXPENSE, APPLY FOR A SITE-SPECIFIC VARIANCE WITH THE NEW YORK STATE DEPARTMENT OF LABOR TO SEEK RELIEF FROM THE REQUIREMENTS OF THE INDUSTRIAL CODE RULE 56. SHOULD THE CONTRACTOR DECIDE TO PURSUE A SITE-SPECIFIC VARIANCE, SUCH REQUEST WILL BE SUBJECT TO THE REVIEW AND APPROVAL BY THE HAZARDOUS MATERIALS ENGINEER AND THE FACILITY OWNER. THE SITE-SPECIFIC VARIANCE PETITION PROCESS SHALL NOT AFFECT THE START AND TIMELY EXECUTION OF THE PROJECT OR THE PRICE SUBMITTED AT THE TIME OF BID SUBMITTAL.

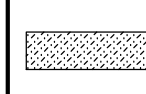


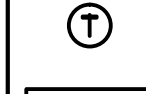
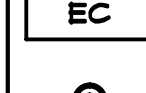

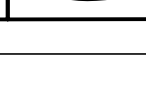
LEAD SAFE WORK PRACTICES:

- CONTRACTOR SHALL OBSERVE ALL FEDERAL, STATE, AND LOCAL REGULATIONS GOVERNING THE HANDLING AND DISPOSAL OF LEAD-BASED PAINT (LBP) AND/OR LEAD-CONTAINING MATERIALS (LCM).
- LEAD SAFE WORK PRACTICES SHALL BE FOLLOWED BY THE CONTRACTOR DURING ALL PROJECT-RELATED ACTIVITIES.
- REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL DETAILS PERTAINING TO THIS PROJECT.

LEGEND:

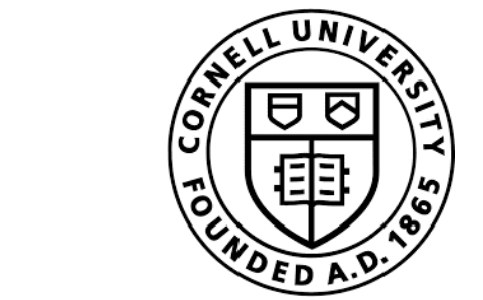
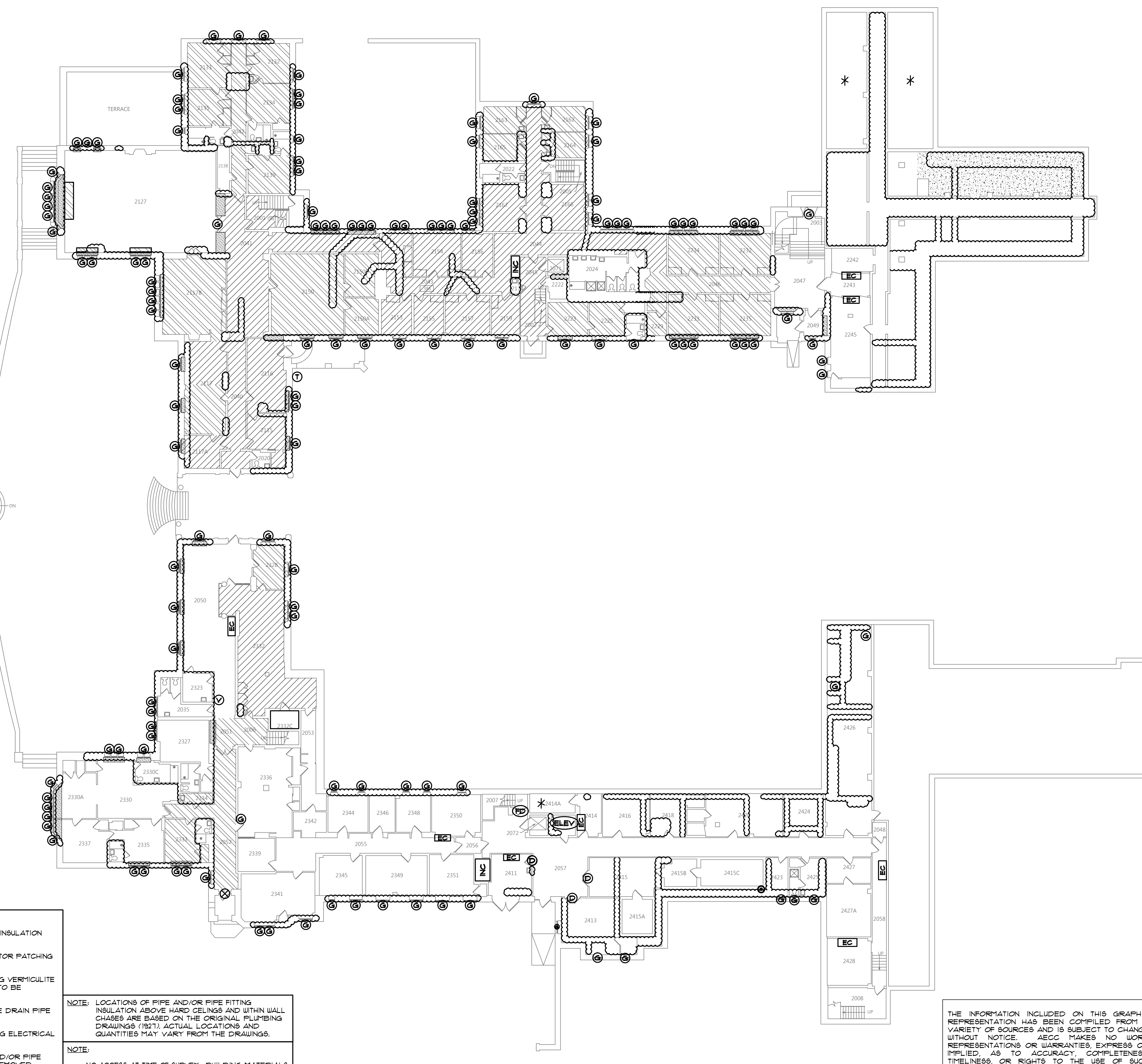
-  ASBESTOS-CONTAINING AND/OR PRESUMED ASBESTOS-CONTAINING PIPE AND/OR PIPE FITTING INSULATION TO BE REMOVED
-  ASBESTOS-CONTAINING PIPE AND/OR PIPE FITTING INSULATION DEBRIS TO BE REMOVED
-  ASBESTOS-CONTAINING FLOOR TILE TO BE REMOVED
-  ASBESTOS-CONTAINING CORK FLOORING MASTIC TO BE REMOVED
-  ASBESTOS-CONTAINING WINDOW OR DOOR VISION PANEL GLAZING COMPOUND TO BE REMOVED
-  ASBESTOS-CONTAINING DOOR CAULK AND GLAZING COMPOUND TO BE REMOVED
-  ASBESTOS-CONTAINING DOOR CAULK TO BE REMOVED
-  ASBESTOS-CONTAINING FIRE DOOR INSULATION TO BE REMOVED

LEGEND: (CONTINUED)

-  ASBESTOS-CONTAINING HEATER INSULATION BOARD TO BE REMOVED
-  INC ASBESTOS-CONTAINING INCINERATOR PATCHING COMPOUND TO BE REMOVED
-  V PRESUMED ASBESTOS-CONTAINING Vermiculite INSULATED DRINKING FOUNTAIN TO BE REMOVED
-  T ASBESTOS-CONTAINING TRANSITE DRAIN PIPE TO BE REMOVED
-  EC PRESUMED ASBESTOS-CONTAINING ELECTRICAL COMPONENTS TO BE REMOVED
-  P ASBESTOS-CONTAINING WALL AND/OR PIPE PENETRATION SEALANT TO BE REMOVED
-  ELEV PRESUMED ASBESTOS-CONTAINING ELEVATOR COMPONENTS TO BE REMOVED

NOTE: LOCATIONS OF PIPE AND/OR PIPE FITTING INSULATION ABOVE HARD CEILING AND WITHIN WALL CHASES ARE BASED ON THE ORIGINAL PLUMBING DRAWINGS (1921). ACTUAL LOCATIONS AND QUANTITIES MAY VARY FROM THE DRAWINGS.

NOTE:
 * NO ACCESS AT TIME OF SURVEY. BUILDING MATERIALS WITHIN THIS SPACE MUST BE PRESUMED HAZARDOUS, UNTIL EXAMINED BY A CERTIFIED INDIVIDUAL AND LABORATORY RESULTS PROVE OTHERWISE.



BALCH HALL RENOVATION

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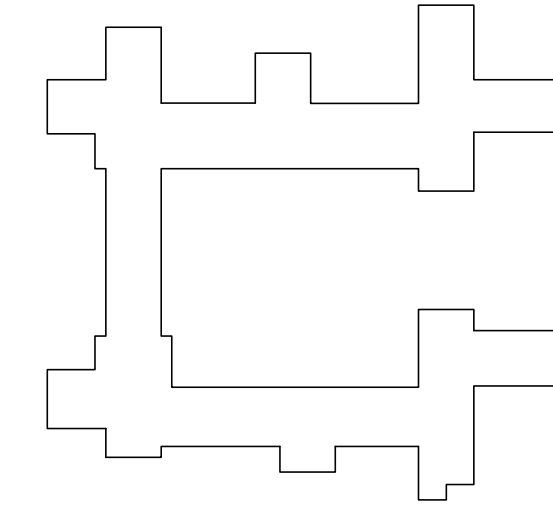


Asbestos & Environmental Consulting Corporation

6308 Fly Road
East Syracuse, NY 13057



KEY PLAN



Construction Documents

ISSUED: 01/29/2021

ISSUE

ASBESTOS ABATEMENT

SECOND FLOOR PLAN

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GOODY CLANCY PROJECT NUMBER: 07400

FILE NAME:
 DRAWN: HSNP DATE: 11/25/2020
 CHECKED: NB SCALE:
 DRAWING NO.:

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GENERAL NOTES:

1. CONTRACTOR TO PROTECT THEIR EMPLOYEES WITH ADEQUATE PERSONAL PROTECTIVE EQUIPMENT AT ALL TIMES WHEN PERFORMING WORK ON THIS PROJECT.
2. BUILDING OWNER TO PROVIDE WATER SUPPLY AND ELECTRICAL POWER SOURCE ON THIS PROJECT TO CONDUCT WORK ACTIVITIES. CONTRACTOR TO PROVIDE ALL INTERCONNECTS FOR WATER/POWER AND TO ENSURE THAT ALL TEMPORARY WATER/POWER SOURCES ARE PROPERLY INSTALLED BY A LICENSED PLUMBER/ELECTRICIAN.
3. CONTRACTOR'S EMPLOYEES SHALL WEAR PROTECTIVE SUITS AND HALF-FACE RESPIRATORS (AT A MINIMUM) AT ALL TIMES WHILE PERFORMING ASBESTOS ABATEMENT, REGARDLESS OF ANY NEGATIVE EXPOSURE ASSESSMENT REPORTS/DATA.

ASBESTOS ABATEMENT NOTES:

1. REFER TO ASBESTOS AND ENVIRONMENTAL CONSULTING CORPORATION'S (AECC'S) HAZARDOUS MATERIAL PRE-RENOVATION SURVEY REPORT, DATED FEBRUARY 4, 2019. A COPY OF THIS REPORT SHALL REMAIN ON-SITE DURING ALL ABATEMENT AND CONSTRUCTION ACTIVITIES.
2. CONTRACTOR SHALL OBSERVE ALL FEDERAL, STATE, AND LOCAL REGULATIONS GOVERNING ASBESTOS ABATEMENT.
3. ASBESTOS ABATEMENT PROCEDURES SHALL BE CONDUCTED IN A MANNER CONSISTENT WITH PROJECT SPECIFICATION 022023.
4. THE SCOPE OF ABATEMENT WORK INVOLVES THE REMOVAL OF ASBESTOS-CONTAINING MATERIALS AND DEBRIS FROM THE AREAS INDICATED ON DRAWINGS HM3.00 THROUGH HM3.02. REFER TO SPECIFICATION SECTION 022023 FOR ADDITIONAL DETAILS PERTAINING TO THE ASBESTOS ABATEMENT SCOPE OF WORK.
5. THE CONTRACTOR ASSUMES THE RESPONSIBILITY FOR THE MEANS AND METHODS UTILIZED TO COMPLETE THE PROJECT IN A TIMELY, PROFESSIONAL, LEGAL, AND SAFE MANNER.
6. THE CONTRACTOR ACKNOWLEDGES THAT THE PROVIDED DRAWINGS MAY NOT BE TO SCALE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ATTEND THE PRE-BID WALKTHROUGH AND SATISFY THEMSELVES OF THE QUANTITIES OF ASBESTOS-CONTAINING MATERIALS AND/OR PRESUMED ASBESTOS-CONTAINING MATERIALS THAT THEY SHALL BE CONTRACTUALLY OBLIGATED TO HANDLE AND DISPOSE OF ON THIS PROJECT.
7. DECONTAMINATION ENCLOSURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF NYSDEC ICR 56. THE LOCATIONS OF THESE ENCLOSURES, STAGING AREAS, WASTE DUMPSTERS/TRAILERS/VEHICLES, POWER AND WATER SOURCES SHALL BE IDENTIFIED TO THE BUILDING OWNER AND THE PROJECT DESIGNER SEVENTY-TWO (72) HOURS PRIOR TO THE COMMENCEMENT OF ANY ACTIVITIES ON-SITE. THE CONTRACTOR ACCEPTS THAT THE BUILDING OWNER AND/OR THE PROJECT DESIGNER MAY MODIFY THIS PLAN FOR ANY REASON DEEMED NECESSARY. THE CONTRACTOR MAY NOT PROCEED WITH ABATEMENT ACTIVITIES UNTIL THEY HAVE THE APPROVAL OF THE BUILDING OWNER AND THE PROJECT DESIGNER.
8. THE BUILDING OWNER (OR THEIR DESIGNATED PERSONNEL) SHALL BE RESPONSIBLE FOR HIRING THE PROJECT MONITORING FIRM ON THIS PROJECT. THE CONTRACTOR SHALL RECOGNIZE THE SELECTED FIRM'S PERSONNEL AS THE BUILDING OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COLLECTION OF PERSONAL AIR SAMPLES FOR THEIR EMPLOYEES DURING THIS PROJECT.
9. CONTRACTOR SHALL COORDINATE/SCHEDULE ALL WORK WITH THE BUILDING OWNER AND MONITORING FIRM.
10. PRIOR TO MOBILIZATION, THE ABATEMENT CONTRACTOR SHALL COORDINATE AND ATTEND AN ON-SITE MEETING WITH THE GENERAL CONTRACTOR, OWNER, AND LOCAL FIRE AND EMERGENCY RESPONDERS TO REVIEW THE SCOPE OF WORK AND SCHEDULE. THE MEETING SHALL SERVE AS A PRE-PROJECT REVIEW OF EMERGENCY RESPONSE PROVISIONS AND TO ENSURE THAT EMERGENCY RESPONDERS ARE AWARE OF THE SITE ACTIVITIES AND CONDITIONS PRIOR TO AN EMERGENCY.
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15. THE ABATEMENT CONTRACTOR MAY, AT HIS OWN EXPENSE, APPLY FOR A SITE-SPECIFIC VARIANCE WITH THE NEW YORK STATE DEPARTMENT OF LABOR TO SEEK RELIEF FROM THE REQUIREMENTS OF THE INDUSTRIAL CODE RULE 56. SHOULD THE CONTRACTOR DECIDE TO PURSUE A SITE-SPECIFIC VARIANCE, SUCH REQUEST WILL BE SUBJECT TO THE REVIEW AND APPROVAL BY THE HAZARDOUS MATERIALS ENGINEER AND THE FACILITY OWNER. THE SITE-SPECIFIC VARIANCE PETITION PROCESS SHALL NOT AFFECT THE START AND TIMELY EXECUTION OF THE PROJECT OR THE PRICE SUBMITTED AT THE TIME OF BID SUBMITTAL.

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LEGEND:

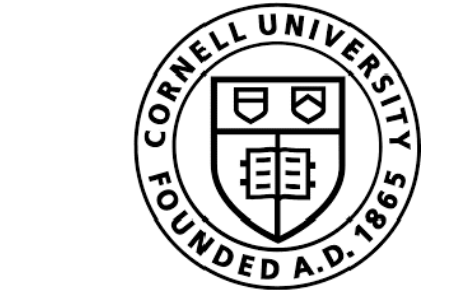
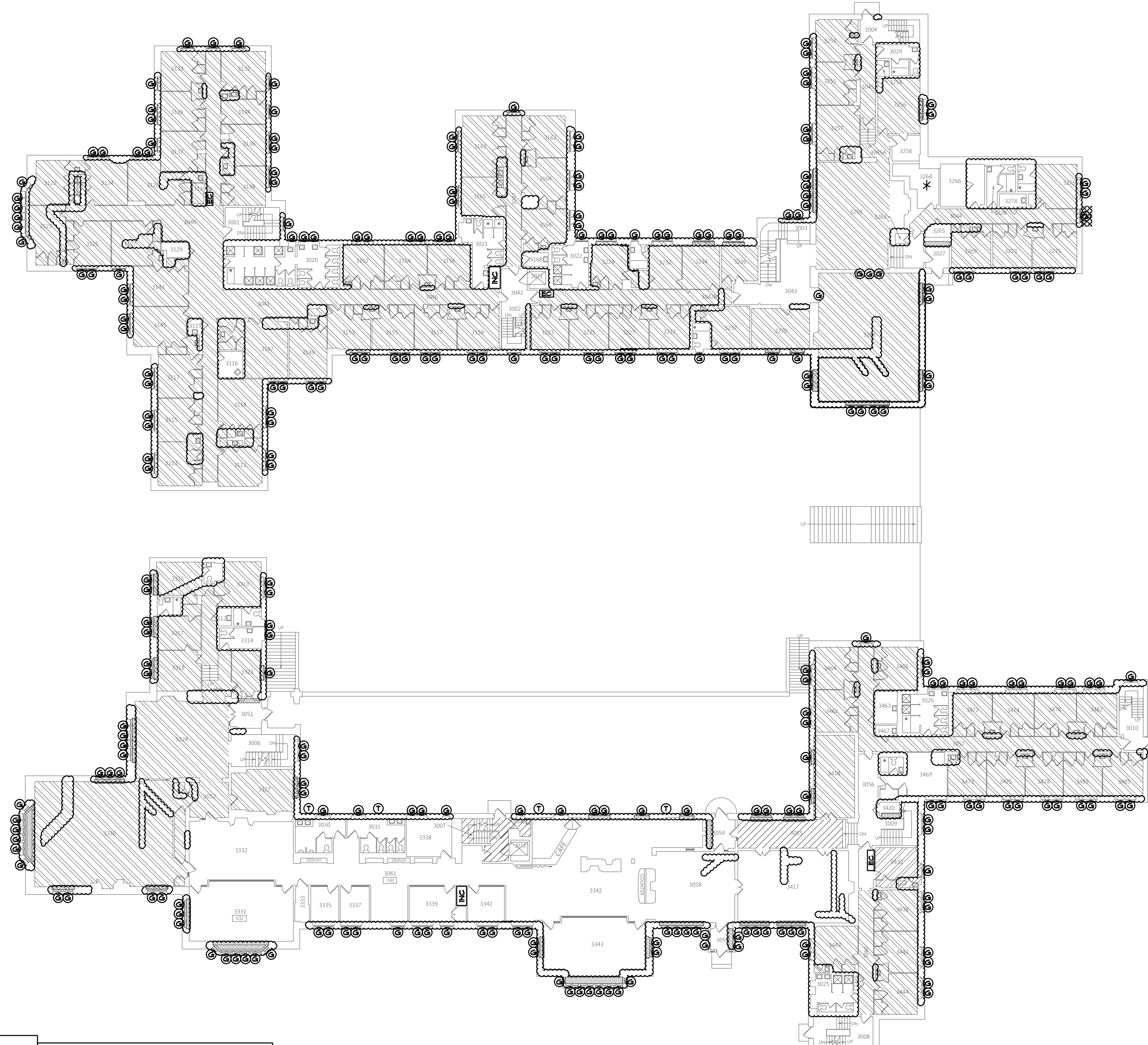
- ASBESTOS-CONTAINING AND/OR PRESUMED ASBESTOS-CONTAINING PIPE AND/OR PIPE FITTING INSULATION TO BE REMOVED
- ASBESTOS-CONTAINING FLOOR TILE TO BE REMOVED
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- ASBESTOS-CONTAINING HEATER INSULATION BOARD TO BE REMOVED
- ASBESTOS-CONTAINING INCINERATOR PATCHING COMPOUND TO BE REMOVED

LEGEND: (CONTINUED)

- ASBESTOS-CONTAINING TRANSITE DRAIN PIPE TO BE REMOVED
- ASBESTOS-CONTAINING CORK FLOORING MASTIC TO BE REMOVED
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NOTE: LOCATIONS OF PIPE AND/OR PIPE FITTING INSULATION ABOVE HARD CEILING AND WITHIN WALL CHASES ARE BASED ON THE ORIGINAL PLUMBING DRAWINGS (1927). ACTUAL LOCATIONS AND QUANTITIES MAY VARY FROM THE DRAWINGS.

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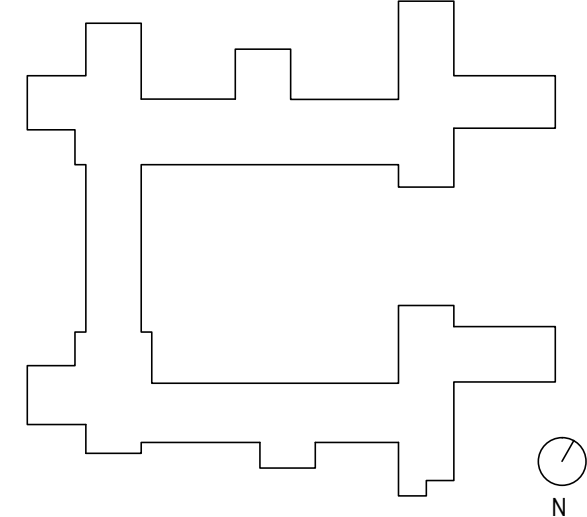
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KEY PLAN



Construction Documents

ISSUED: 01/29/2021

ISSUE
ASBESTOS ABATEMENT

THIRD FLOOR PLAN

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GOODY CLANCY PROJECT NUMBER: 07400

FILE NAME:

DRAWN: HSNP DATE: 11/25/2020

CHECKED: NB SCALE:

DRAWING NO.:

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GENERAL NOTES:

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3. ASBESTOS ABATEMENT PROCEDURES SHALL BE CONDUCTED IN A MANNER CONSISTENT WITH PROJECT SPECIFICATION 020213.
4. THE SCOPE OF ABATEMENT WORK INVOLVES THE REMOVAL OF ASBESTOS-CONTAINING MATERIALS AND DEBRIS FROM THE AREAS INDICATED ON DRAWINGS HM4.00 THROUGH HM8.00. REFER TO SPECIFICATION SECTION 020213 FOR ADDITIONAL DETAILS PERTAINING TO THE ASBESTOS ABATEMENT SCOPE OF WORK.
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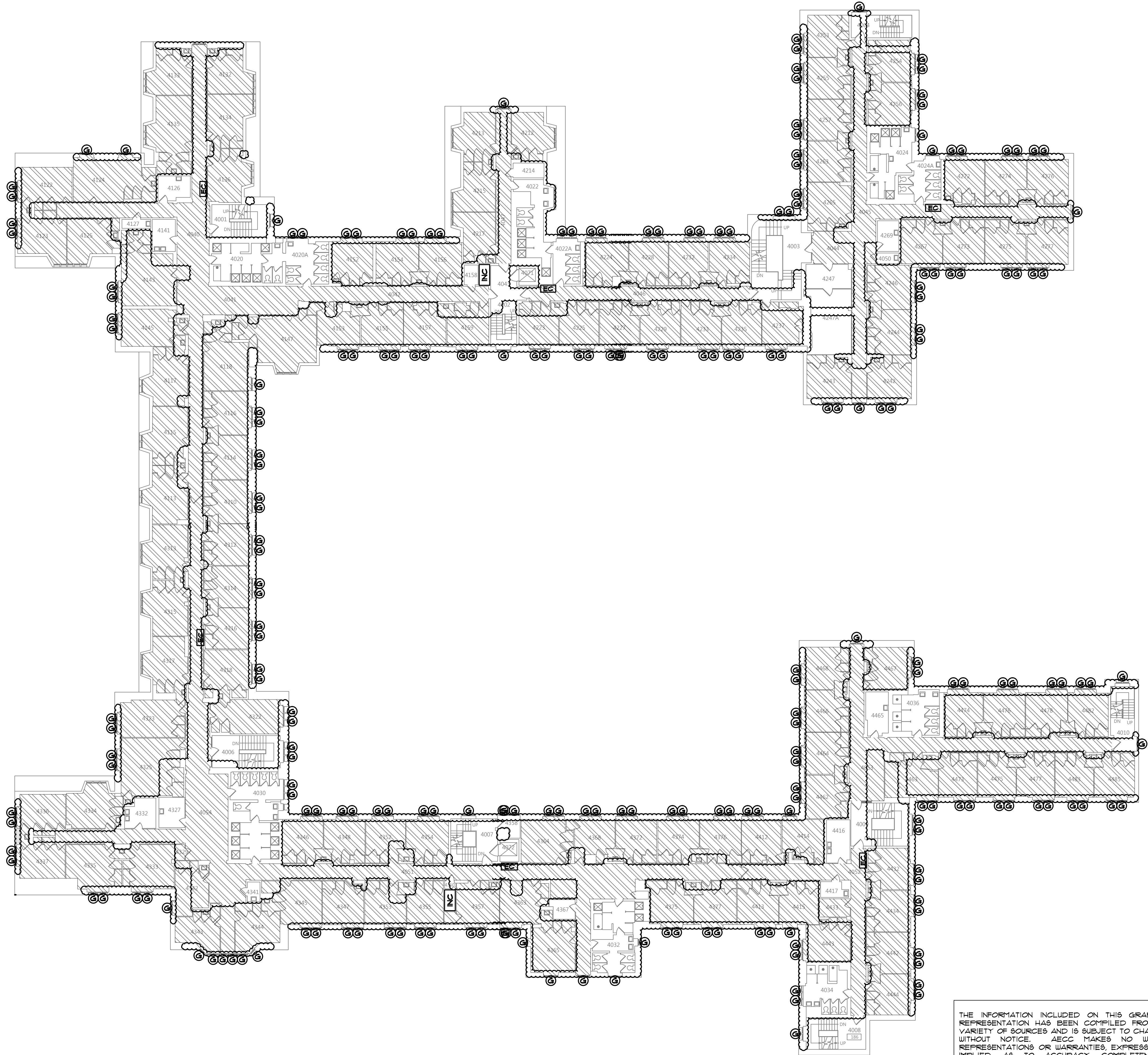
LEAD SAFE WORK PRACTICES:

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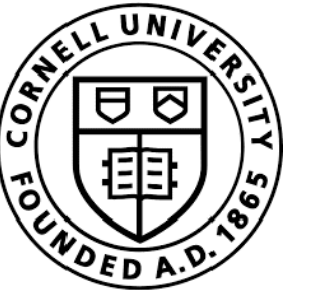
LEGEND:

-  ASBESTOS-CONTAINING AND/OR PRESUMED ASBESTOS-CONTAINING PIPE AND/OR PIPE FITTING INSULATION TO BE REMOVED
-  ASBESTOS-CONTAINING WINDOW OR DOOR VISION PANEL GLAZING COMPOUND TO BE REMOVED
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-  ASBESTOS-CONTAINING CORK FLOORING MASTIC TO BE REMOVED
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NOTE: LOCATIONS OF PIPE AND/OR PIPE FITTING INSULATION ABOVE HARD CEILING AND WITHIN WALL CHASES ARE BASED ON THE ORIGINAL PLUMBING DRAWINGS (1927). ACTUAL LOCATIONS AND QUANTITIES MAY VARY FROM THE DRAWINGS.



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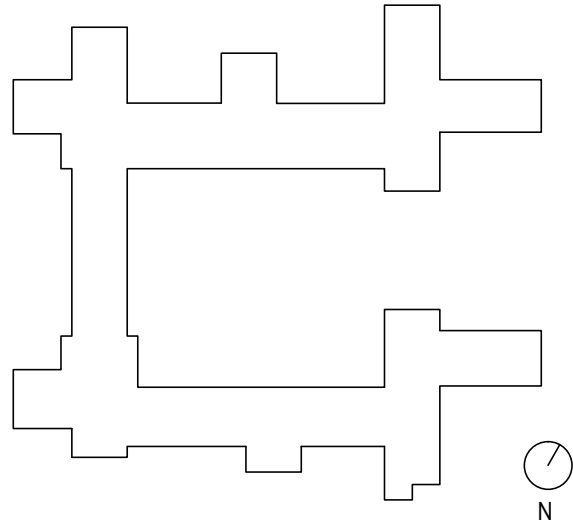
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KEY PLAN



Construction Documents

ISSUED: 01/29/2021

ISSUE
ASBESTOS ABATEMENT

FOURTH FLOOR PLAN

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GOODY CLANCY PROJECT NUMBER: 07400

FILE NAME:

DRAWN: HSNP DATE: 11/25/2020

CHECKED: NB SCALE:

DRAWING NO.:

HM4.00

GENERAL NOTES:

- CONTRACTOR TO PROTECT THEIR EMPLOYEES WITH ADEQUATE PERSONAL PROTECTIVE EQUIPMENT AT ALL TIMES WHEN PERFORMING WORK ON THIS PROJECT.
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- ASBESTOS ABATEMENT PROCEDURES SHALL BE CONDUCTED IN A MANNER CONSISTENT WITH PROJECT SPECIFICATION 028213.
- THE SCOPE OF ABATEMENT WORK INVOLVES THE REMOVAL OF ASBESTOS-CONTAINING MATERIALS AND DEBRIS FROM THE AREAS INDICATED ON DRAWINGS HM000 THROUGH HM009. REFER TO SPECIFICATION SECTION 028213 FOR ADDITIONAL DETAILS PERTAINING TO THE ASBESTOS ABATEMENT SCOPE OF WORK.
- THE CONTRACTOR ASSUMES THE RESPONSIBILITY FOR THE MEANS AND METHODS UTILIZED TO COMPLETE THE PROJECT IN A TIMELY, PROFESSIONAL, LEGAL, AND SAFE MANNER.
- THE CONTRACTOR ACKNOWLEDGES THAT THE PROVIDED DRAWINGS MAY NOT BE TO SCALE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ATTEND THE PRE-BID WALKTHROUGH AND SATISFY THEMSELVES OF THE QUANTITIES OF ASBESTOS-CONTAINING MATERIALS AND/OR PRESUMED ASBESTOS-CONTAINING MATERIALS THAT THEY SHALL BE CONTRACTUALLY OBLIGATED TO HANDLE AND DISPOSE OF ON THIS PROJECT.
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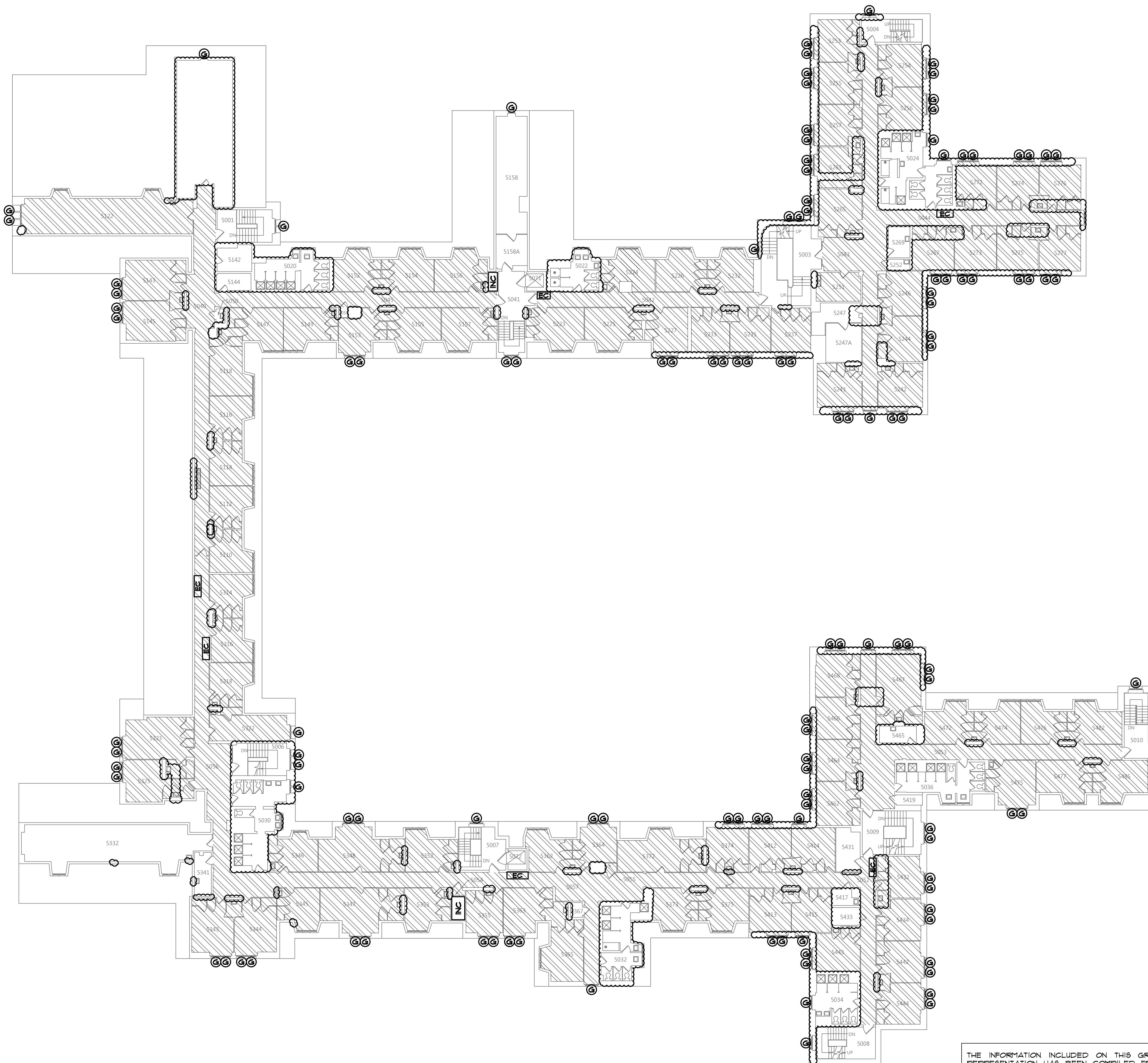
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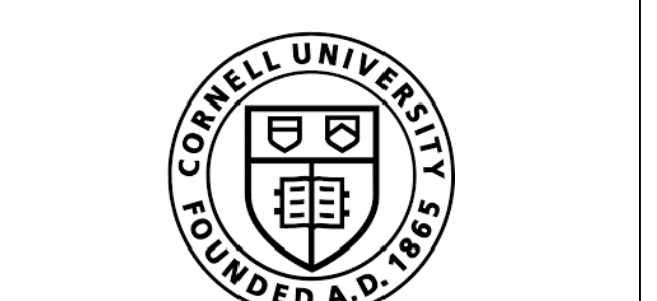
LEGEND:

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- ASBESTOS-CONTAINING HEATER INSULATION BOARD TO BE REMOVED
- INC ASBESTOS-CONTAINING INCINERATOR PATCHING COMPOUND TO BE REMOVED
- ASBESTOS-CONTAINING CORK FLOORING MASTIC TO BE REMOVED
- EC PRESUMED ASBESTOS-CONTAINING ELECTRICAL COMPONENTS TO BE REMOVED

NOTE: LOCATIONS OF PIPE AND/OR PIPE FITTING INSULATION ABOVE HARD CEILINGS AND WITHIN WALL CHASES ARE BASED ON THE ORIGINAL PLUMBING DRAWINGS (1927). ACTUAL LOCATIONS AND QUANTITIES MAY VARY FROM THE DRAWINGS.



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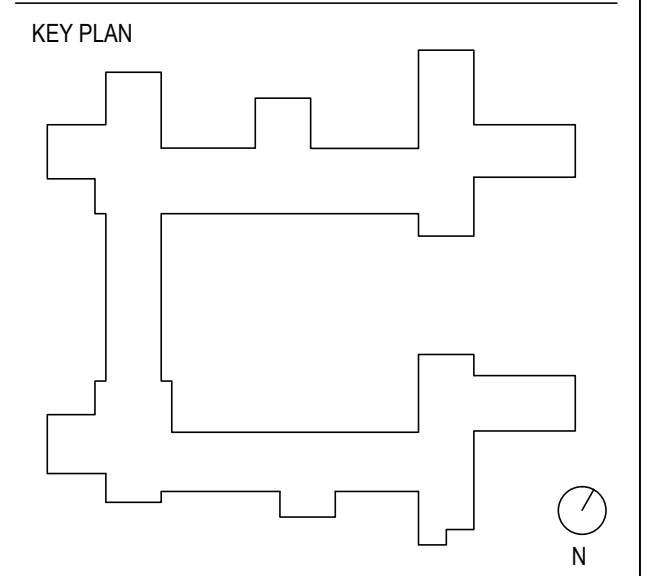


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Construction Documents

ISSUED: 01/29/2021

ISSUE
ASBESTOS ABATEMENT

FIFTH FLOOR PLAN

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GOODY CLANCY PROJECT NUMBER: 07400

FILE NAME:	
DRAWN: HSNP	DATE: 11/25/2020
CHECKED: NB	SCALE:
DRAWING NO.:	

HM5.00

GENERAL NOTES:

1. CONTRACTOR TO PROTECT THEIR EMPLOYEES WITH ADEQUATE PERSONAL PROTECTIVE EQUIPMENT AT ALL TIMES WHEN PERFORMING WORK ON THIS PROJECT.
2. BUILDING OWNER TO PROVIDE WATER SUPPLY AND ELECTRICAL POWER SOURCE ON THIS PROJECT TO CONDUCT WORK ACTIVITIES. CONTRACTOR TO PROVIDE ALL INTERCONNECTS FOR WATER/POWER AND TO ENSURE THAT ALL TEMPORARY WATER/POWER SOURCES ARE PROPERLY INSTALLED BY A LICENSED PLUMBER/ELECTRICIAN.
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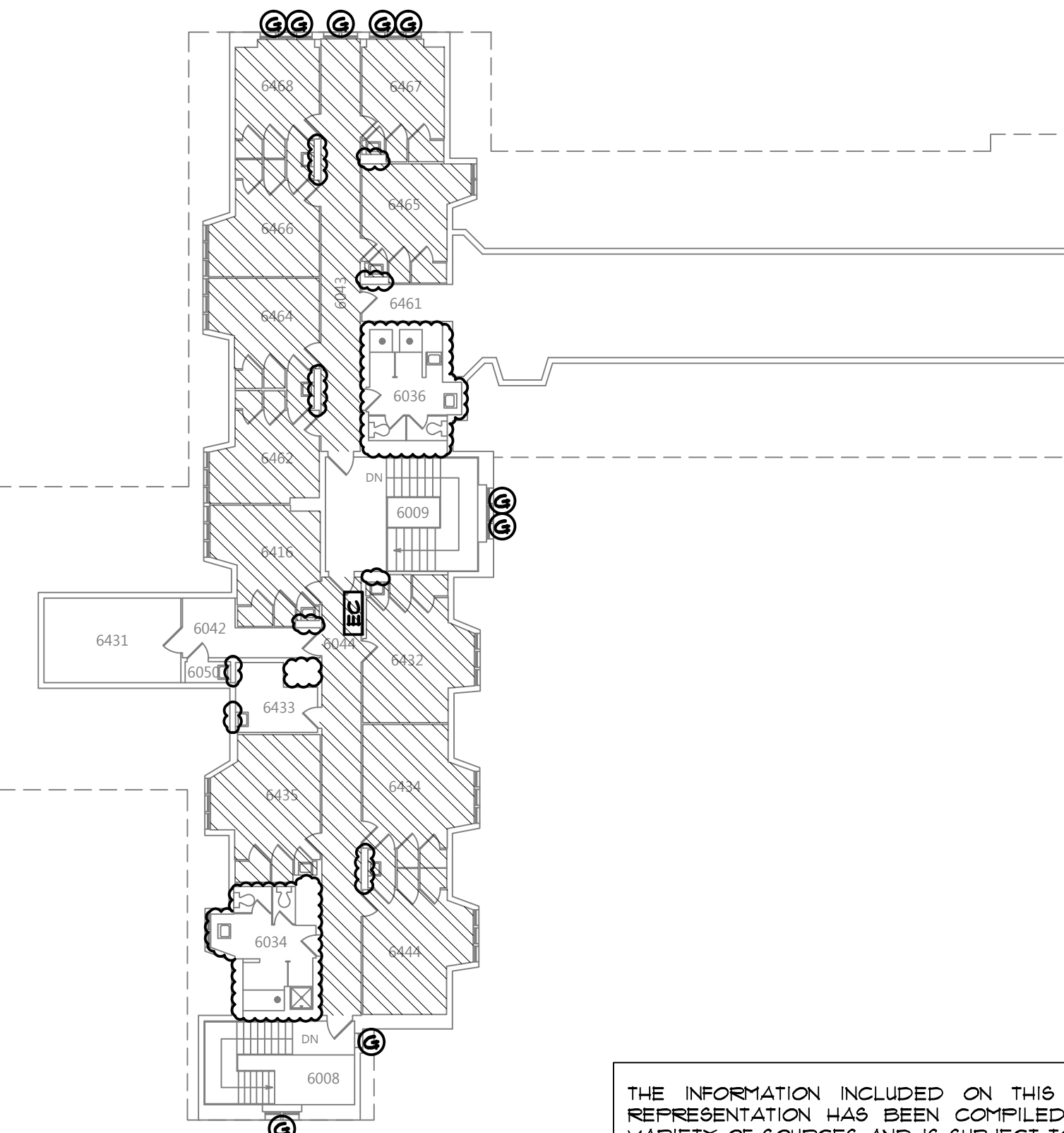
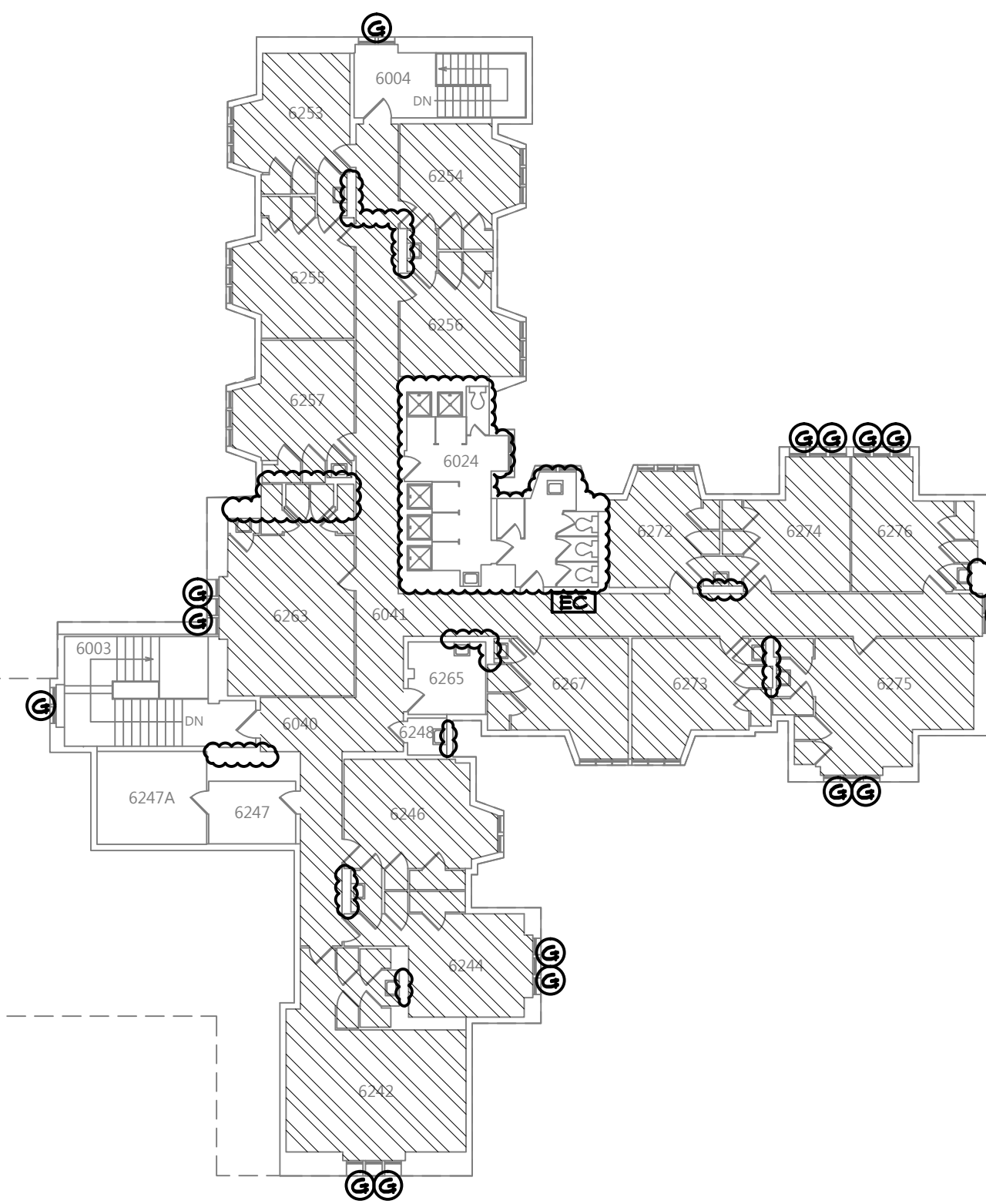
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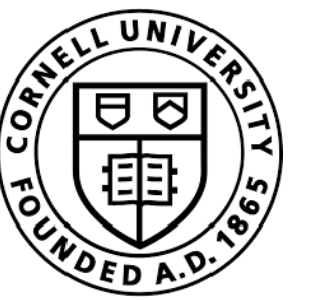
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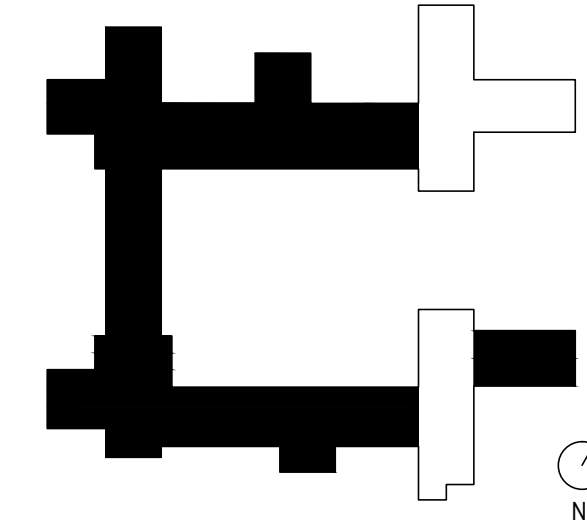
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KEY PLAN



Construction Documents

ISSUED: **01/29/2021**

ISSUE
ASBESTOS ABATEMENT

SIXTH FLOOR PLAN

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GOODY CLANCY PROJECT NUMBER: 07400

FILE NAME:

DRAWN: HSNP DATE: 11/25/2020

CHECKED: NB SCALE:

DRAWING NO.:

HM6.00

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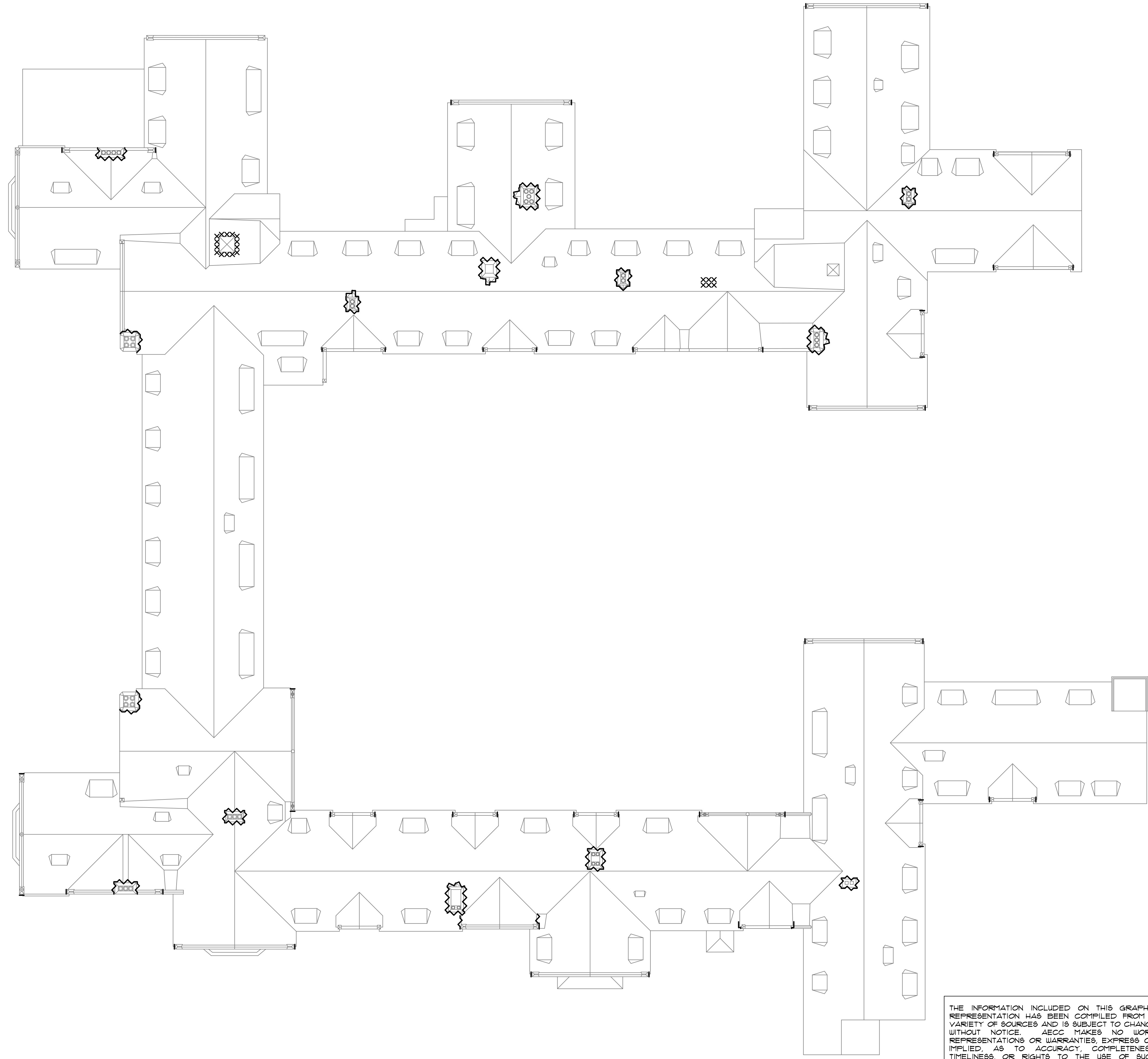
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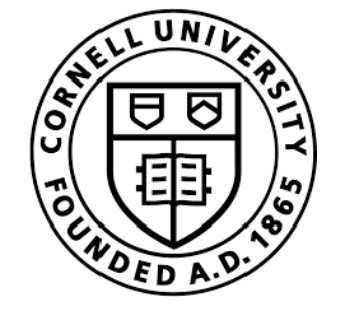
LEGEND:

~~~~~ ASBESTOS-CONTAINING ROOFING CAULK AND/OR ROOFING CEMENT TO BE REMOVED

XXXXX ASBESTOS-CONTAINING ROOFING CEMENT TO BE REMOVED



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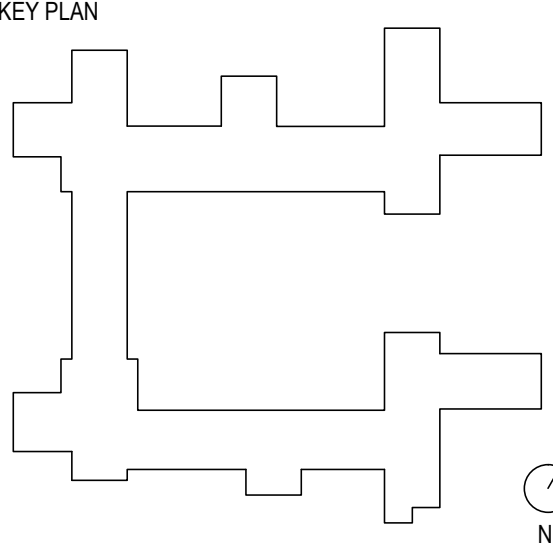


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**ISSUE ASBESTOS ABATEMENT**

**ROOF PLAN**

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GOODY CLANCY PROJECT NUMBER: 07400  
FILE NAME:  
DRAWN: HSNP DATE: 11/25/2020  
CHECKED: NB SCALE:  
DRAWING NO.:

**HM7.00**

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GENERAL NOTES:

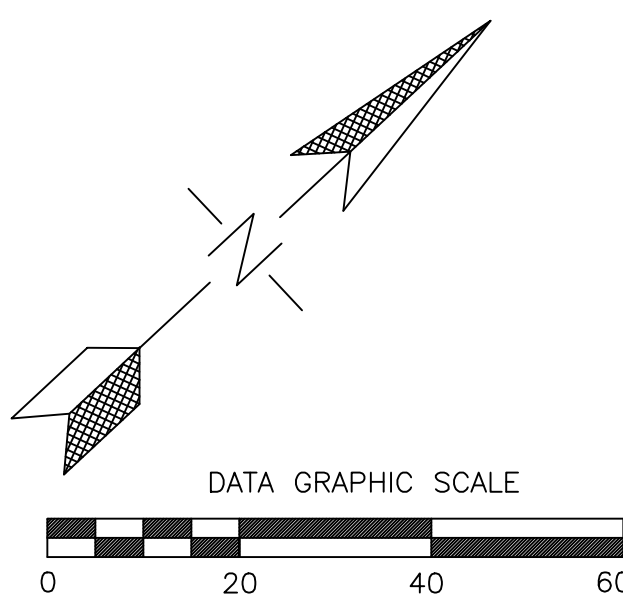
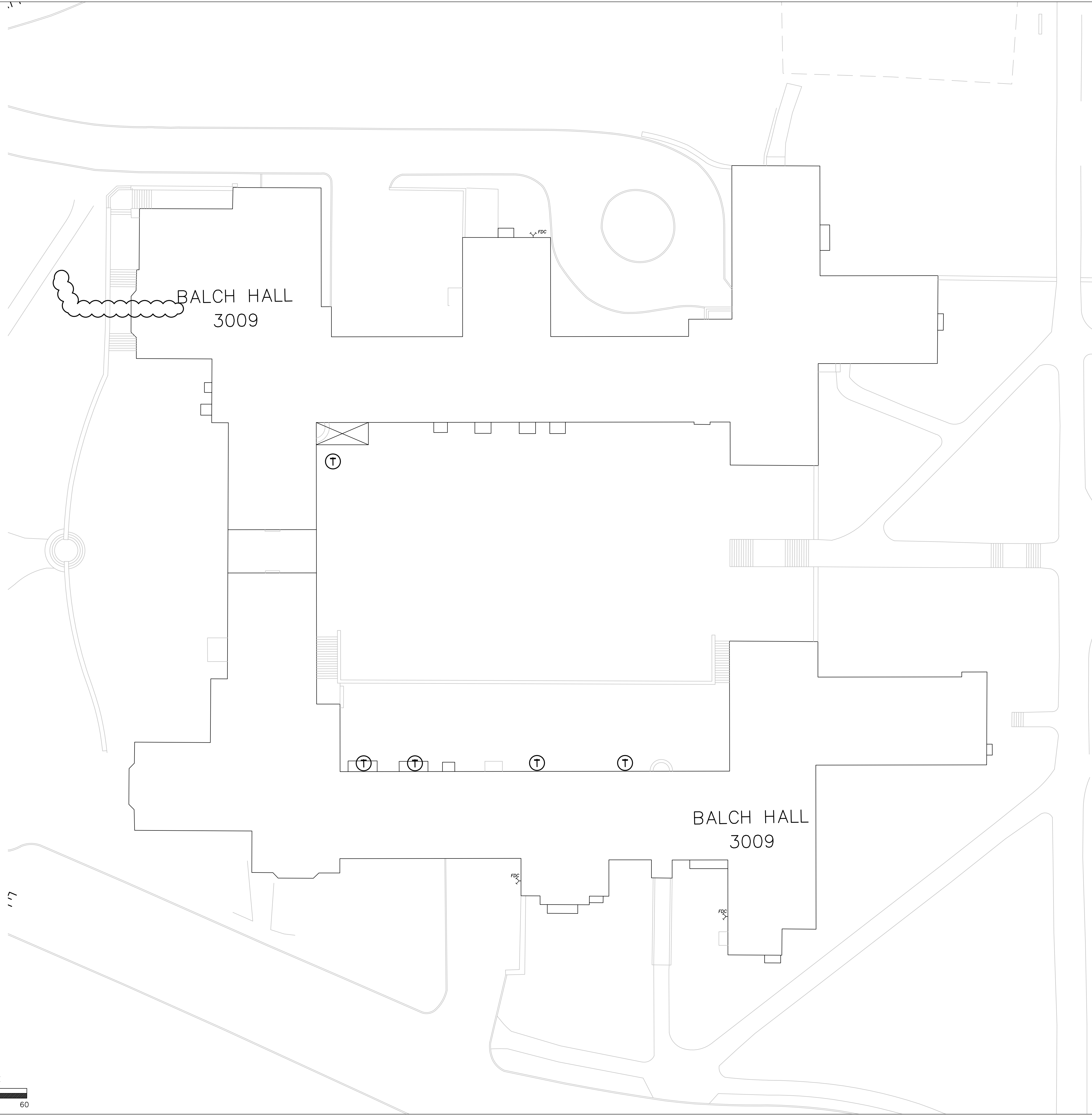
1. CONTRACTOR TO PROTECT THEIR EMPLOYEES WITH ADEQUATE PERSONAL PROTECTIVE EQUIPMENT AT ALL TIMES WHEN PERFORMING WORK ON THIS PROJECT.
2. BUILDING OWNER TO PROVIDE WATER SUPPLY AND ELECTRICAL POWER SOURCE ON THIS PROJECT TO CONDUCT WORK ACTIVITIES. CONTRACTOR TO PROVIDE ALL INTERCONNECTS FOR WATER/POWER AND TO ENSURE THAT ALL TEMPORARY WATER/POWER SOURCES ARE PROPERLY INSTALLED BY A LICENSED PLUMBER/ELECTRICIAN.
3. CONTRACTOR'S EMPLOYEES SHALL WEAR PROTECTIVE SUITS AND HALF-FACE RESPIRATORS (AT A MINIMUM) AT ALL TIMES WHILE PERFORMING ASBESTOS ABATEMENT, REGARDLESS OF ANY NEGATIVE EXPOSURE ASSESSMENT REPORTS/DATA.

ASBESTOS ABATEMENT NOTES:

1. REFER TO ASBESTOS AND ENVIRONMENTAL CONSULTING CORPORATION'S (AECC'S) HAZARDOUS MATERIAL PRE-RENOVATION SURVEY REPORT, DATED FEBRUARY 4, 2019. A COPY OF THIS REPORT SHALL REMAIN ON-SITE DURING ALL ABATEMENT AND CONSTRUCTION ACTIVITIES.
2. CONTRACTOR SHALL OBSERVE ALL FEDERAL, STATE, AND LOCAL REGULATIONS GOVERNING ASBESTOS ABATEMENT.
3. ASBESTOS ABATEMENT PROCEDURES SHALL BE CONDUCTED IN A MANNER CONSISTENT WITH PROJECT SPECIFICATION 028213.
4. THE SCOPE OF ABATEMENT WORK INVOLVES THE REMOVAL OF ASBESTOS-CONTAINING MATERIALS AND DEBRIS FROM THE AREAS INDICATED ON DRAWINGS HM0200 THROUGH HM800. REFER TO SPECIFICATION SECTION 028213 FOR ADDITIONAL DETAILS PERTAINING TO THE ASBESTOS ABATEMENT SCOPE OF WORK.
5. THE CONTRACTOR ASSUMES THE RESPONSIBILITY FOR THE MEANS AND METHODS UTILIZED TO COMPLETE THE PROJECT IN A TIMELY, PROFESSIONAL, LEGAL, AND SAFE MANNER.
6. THE CONTRACTOR ACKNOWLEDGES THAT THE PROVIDED DRAWINGS MAY NOT BE TO SCALE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ATTEND THE PRE-BID WALKTHROUGH AND SATISFY THEMSELVES OF THE QUANTITIES OF ASBESTOS-CONTAINING MATERIALS AND/OR PRESUMED ASBESTOS-CONTAINING MATERIALS THAT THEY SHALL BE CONTRACTUALLY OBLIGATED TO HANDLE AND DISPOSE OF ON THIS PROJECT.
7. DECONTAMINATION ENCLOSURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF NYSDEC LCR 56. THE LOCATIONS OF THESE ENCLOSURES, STAGING AREAS, WASTE DUMPSTERS/TRAILERS/VEHICLES, POWER AND WATER SOURCES SHALL BE IDENTIFIED TO THE BUILDING OWNER AND THE PROJECT DESIGNER SEVENTY-TWO (72) HOURS PRIOR TO THE COMMENCEMENT OF ANY ACTIVITIES ON-SITE. THE CONTRACTOR ACCEPTS THAT THE BUILDING OWNER AND/OR THE PROJECT DESIGNER MAY MODIFY THIS PLAN FOR ANY REASON DEEMED NECESSARY. THE CONTRACTOR MAY NOT PROCEED WITH ABATEMENT ACTIVITIES UNTIL THEY HAVE THE APPROVAL OF THE BUILDING OWNER AND THE PROJECT DESIGNER.
8. THE BUILDING OWNER (OR THEIR DESIGNATED PERSONNEL) SHALL BE RESPONSIBLE FOR HIRING THE PROJECT MONITORING FIRM ON THIS PROJECT. THE CONTRACTOR SHALL RECOGNIZE THE SELECTED FIRM'S PERSONNEL AS THE BUILDING OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COLLECTION OF PERSONAL AIR SAMPLES FOR THEIR EMPLOYEES DURING THIS PROJECT.
9. CONTRACTOR SHALL COORDINATE/SCHEDULE ALL WORK WITH THE BUILDING OWNER AND MONITORING FIRM.
10. PRIOR TO MOBILIZATION, THE ABATEMENT CONTRACTOR SHALL COORDINATE AND ATTEND AN ON-SITE MEETING WITH THE GENERAL CONTRACTOR, OWNER AND LOCAL FIRE AND EMERGENCY RESPONDERS TO REVIEW THE SCOPE OF WORK AND SCHEDULE. THE MEETING SHALL SERVE AS A PRE-PROJECT REVIEW OF EMERGENCY RESPONSE PROVISIONS AND TO ENSURE THAT EMERGENCY RESPONDERS ARE AWARE OF THE SITE ACTIVITIES AND CONDITIONS PRIOR TO AN EMERGENCY.
11. FOLLOWING THE ON-SITE MEETING WITH EMERGENCY RESPONDERS, THE ABATEMENT CONTRACTOR SHALL PREPARE AND SUBMIT A WRITTEN FIRE AND EMERGENCY RESPONSE PLAN THAT OUTLINES WORK PRACTICES AND PRECAUTIONS THAT WILL BE IMPLEMENTED TO ALLOW PROPER RESPONSE TO FIRE AND LIFE SAFETY ISSUES.
12. AN EMERGENCY SHUT-OFF SWITCH FOR THE NEGATIVE PRESSURE EXHAUST FANS SHALL BE INSTALLED IN A SECURE LOCATION ON THE GROUND FLOOR OF THE BUILDING, TO ALLOW EMERGENCY PERSONNEL TO DISCONTINUE POWER TO THE FAN UNITS IN THE EVENT OF A FIRE. THE LOCATION SHALL BE COORDINATED WITH THE OWNER AND CONFIGURED/INSTALLED BY A LICENSED ELECTRICIAN. THE LOCATION AND PROCEDURES FOR EMERGENCY SHUT-OFF SHALL BE CLEARLY DEFINED IN THE FIRE AND EMERGENCY RESPONSE PLAN, AND PROVIDED TO THE LOCAL FIRE DEPARTMENT PRIOR TO BEGINNING WORK. THE DISCONNECT SWITCH SHALL BE TESTED PRIOR TO ESTABLISHING NEGATIVE AIR TO THE WORK AREAS FOR ABATEMENT.
13. A NEW YORK STATE DEPARTMENT OF LABOR-CERTIFIED PROJECT SUPERVISOR MUST BE ON-SITE AT ALL TIMES THAT ABATEMENT WORKERS ARE PRESENT AND PERFORMING ANY TASKS ASSOCIATED WITH THE COMPLETION OF ABATEMENT WORK. THE SUPERVISOR MUST BE FLUENT IN ENGLISH AND THE LANGUAGE OF ALL WORKERS.
14. THE ABATEMENT CONTRACTOR SHALL CONDUCT OR OTHERWISE PROVIDE FOR PERSONAL AIR MONITORING OF ITS PERSONNEL THROUGHOUT THE DURATION OF THE PROJECT IN ACCORDANCE WITH THE REQUIREMENT OF 29 CFR PART 1923.101.
15. THE ABATEMENT CONTRACTOR MAY, AT HIS OWN EXPENSE, APPLY FOR A SITE-SPECIFIC VARIANCE WITH THE NEW YORK STATE DEPARTMENT OF LABOR TO SEEK RELIEF FROM THE REQUIREMENTS OF THE INDUSTRIAL CODE RULE 56. SHOULD THE CONTRACTOR DECIDE TO PURSUE A SITE-SPECIFIC VARIANCE, SUCH REQUEST WILL BE SUBJECT TO THE REVIEW AND APPROVAL BY THE HAZARDOUS MATERIALS ENGINEER AND THE FACILITY OWNER. THE SITE-SPECIFIC VARIANCE PETITION PROCESS SHALL NOT AFFECT THE START AND TIMELY EXECUTION OF THE PROJECT OR THE PRICE SUBMITTED AT THE TIME OF BID SUBMITTAL.

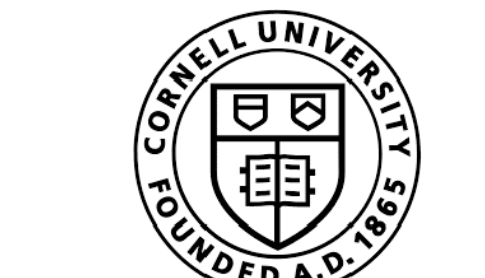
LEAD SAFE WORK PRACTICES:

1. CONTRACTOR SHALL OBSERVE ALL FEDERAL, STATE, AND LOCAL REGULATIONS GOVERNING THE HANDLING AND DISPOSAL OF LEAD-BASED PAINT (LBP) AND/OR LEAD-CONTAINING MATERIALS (LCM).
2. LEAD SAFE WORK PRACTICES SHALL BE FOLLOWED BY THE CONTRACTOR DURING ALL PROJECT-RELATED ACTIVITIES.
3. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL DETAILS PERTAINING TO THIS PROJECT.



**LEGEND:**

- (T) ASBESTOS-CONTAINING DRAIN PIPE TO BE REMOVED
- ☁️ PRESUMED ASBESTOS-CONTAINING SANITARY SEWER PIPE TO BE REMOVED

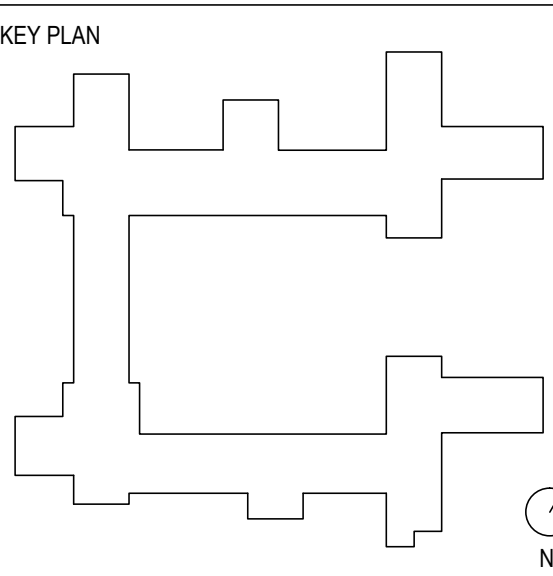


**BALCH HALL RENOVATION**

**Cornell University**  
600 Thurston Avenue  
Ithaca, New York 14853

**GOODYCLANCY**  
ARCHITECTURE / PLANNING / PRESERVATION  
420 Boylston Street Boston, Massachusetts 02116-3866  
p: 617.262.2760 f: 617.262.9512  
www.goodyclancy.com

CONSULTANT  
**AECC**  
ENVIRONMENTAL CONSULTING  
**Asbestos & Environmental Consulting Corporation**  
6308 Fly Road  
East Syracuse, NY 13057



**Construction Documents**

**ISSUED: 01/29/2021**

| NO. | DATE | DESCRIPTION |
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ISSUE  
**ASBESTOS ABATEMENT**

**SITE PLAN**

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GOODY CLANCY PROJECT NUMBER: 07400, TGM: E18-42

FILE NAME:

DRAWN: NP DATE: 11/25/2020

CHECKED: NB SCALE: AS SHOWN

DRAWING NO.:

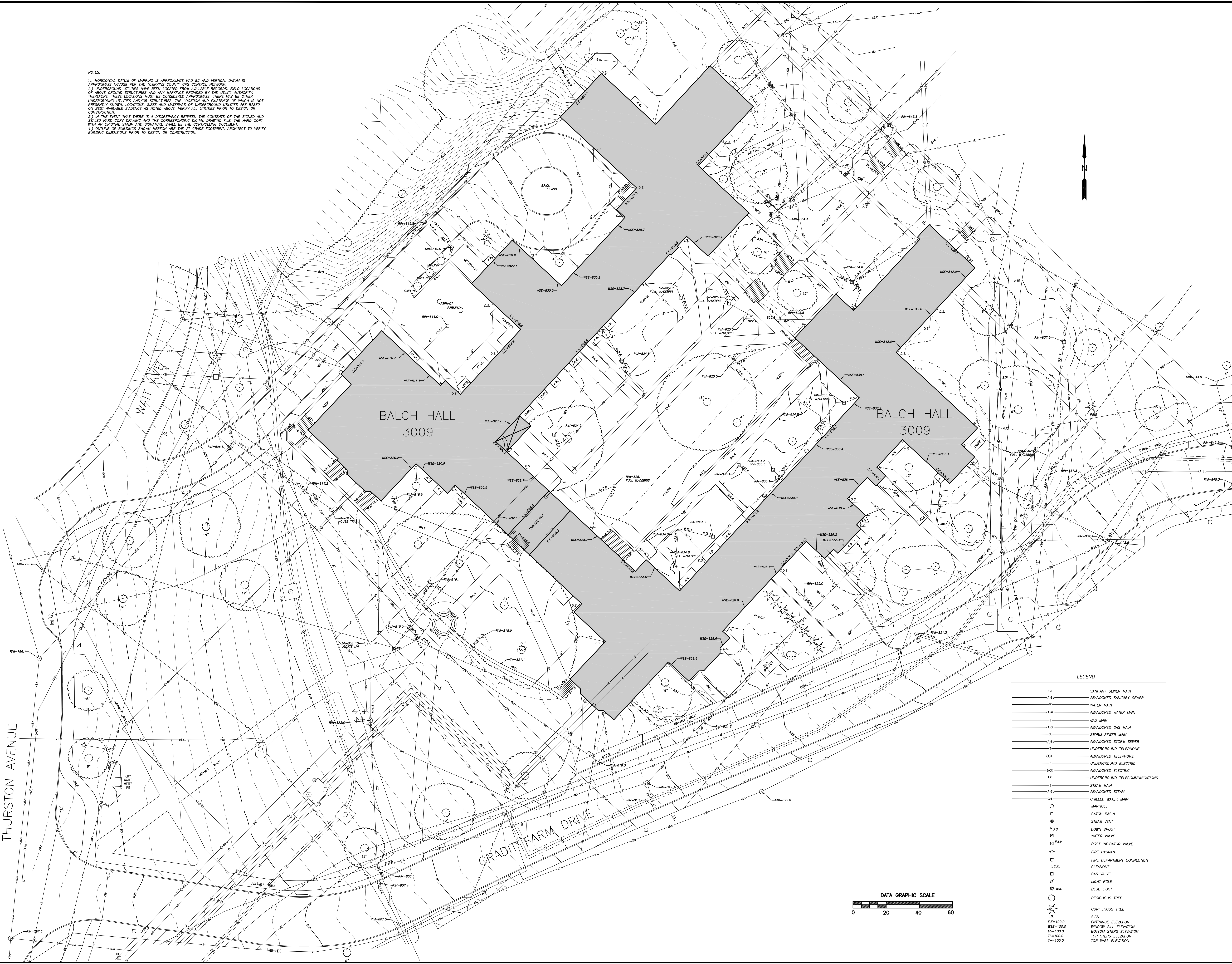
**HM8.00**



T. G. MILLER P.C.  
ENGINEERS AND SURVEYORS  
203 NORTH AURORA STREET  
ITHACA, NEW YORK 14851  
PHONE (607) 272-6477

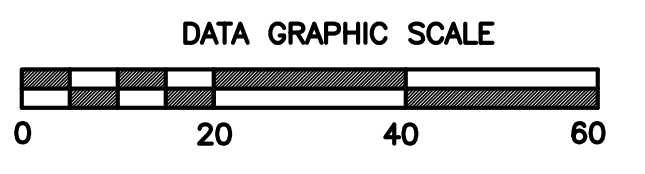
TOPOGRAPHIC MAP  
BALCH HALL  
CORNELL UNIVERSITY CAMPUS  
CITY OF ITHACA, TOMPKINS COUNTY, NEW YORK

NOTES:  
1.) HORIZONTAL DATUM OF MAPPING IS APPROXIMATE NAD 83 AND VERTICAL DATUM IS APPROXIMATE NAVD83 PER THE TOMPKINS COUNTY GPS CONTROL NETWORK.  
2.) UNDERGROUND UTILITIES HAVE BEEN LOCATED FROM AVAILABLE RECORDS, FIELD LOCATIONS OF ABOVE GROUND STRUCTURES AND ANY MARKINGS PROVIDED BY THE UTILITY AUTHORITY. THEREFORE, THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITIES AND/OR STRUCTURES, THE LOCATION AND EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. LOCATIONS, SIZES AND MATERIALS OF UNDERGROUND UTILITIES ARE BASED ON BEST AVAILABLE EVIDENCE AS NOTED ABOVE. VERIFY ALL UTILITIES PRIOR TO DESIGN OR CONSTRUCTION.  
3.) IN THE EVENT THAT THERE IS A DISCREPANCY BETWEEN THE CONTENTS OF THE SIGNED AND SEALED HARD COPY DRAWING AND THE CORRESPONDING DIGITAL DRAWING FILE, THE HARD COPY WITH AN ORIGINAL STAMP AND SIGNATURE SHALL BE THE CONTROLLING DOCUMENT.  
4.) OUTLINE OF BUILDINGS SHOWN HEREON ARE THE AT GRADE FOOTPRINT. ARCHITECT TO VERIFY BUILDING DIMENSIONS PRIOR TO DESIGN OR CONSTRUCTION.



LEGEND

|              |                                |
|--------------|--------------------------------|
| —S—          | SANITARY SEWER MAIN            |
| —(A)S—       | ABANDONED SANITARY SEWER       |
| —W—          | WATER MAIN                     |
| —(A)W—       | ABANDONED WATER MAIN           |
| —G—          | GAS MAIN                       |
| —(A)G—       | ABANDONED GAS MAIN             |
| —SI—         | STORM SEWER MAIN               |
| —(A)SI—      | ABANDONED STORM SEWER          |
| —T—          | UNDERGROUND TELEPHONE          |
| —(A)T—       | ABANDONED TELEPHONE            |
| —E—          | UNDERGROUND ELECTRIC           |
| —(A)E—       | ABANDONED ELECTRIC             |
| —T.C.—       | UNDERGROUND TELECOMMUNICATIONS |
| —S—          | STEAM MAIN                     |
| —(A)S—       | ABANDONED STEAM                |
| —CH—         | CHILLED WATER MAIN             |
| —C—          | MANHOLE                        |
| —D—          | CATCH BASIN                    |
| —V—          | STEAM VENT                     |
| —D.S.—       | DOWN SPOUT                     |
| —V—          | WATER VALVE                    |
| —P.A.V.—     | POST INDICATOR VALVE           |
| —F—          | FIRE HYDRANT                   |
| —F.D.C.—     | FIRE DEPARTMENT CONNECTION     |
| —C.—         | CLEANOUT                       |
| —G.V.—       | GAS VALVE                      |
| —L.—         | LIGHT POLE                     |
| —B.L.—       | BLUE LIGHT                     |
| —T—          | DECIDUOUS TREE                 |
| —C.T.—       | CONIFEROUS TREE                |
| —S—          | SIGN                           |
| E.E.=100.0   | ENTRANCE ELEVATION             |
| W.S.E.=100.0 | WINDOW SILL ELEVATION          |
| B.S.=100.0   | BOTTOM STEPS ELEVATION         |
| T.S.=100.0   | TOP STEPS ELEVATION            |
| T.W.=100.0   | TOP WALL ELEVATION             |



| DATE | REVISION | BY |
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**Warning**  
ALTERATIONS TO THIS MAP NOT CONFORMING TO SECTION 7209, SUBDIVISION 2, NEW YORK STATE EDUCATION LAW, ARE PROHIBITED BY LAW. ALL CERTIFICATIONS HEREON ARE VALID FOR THIS MAP AND COPIES THEREOF ONLY IF SAID MAP OR COPIES BEAR THE IMPRESSION SEAL OF THE LICENSED LAND SURVEYOR WHOSE SIGNATURE APPEARS HEREON.

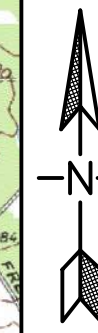
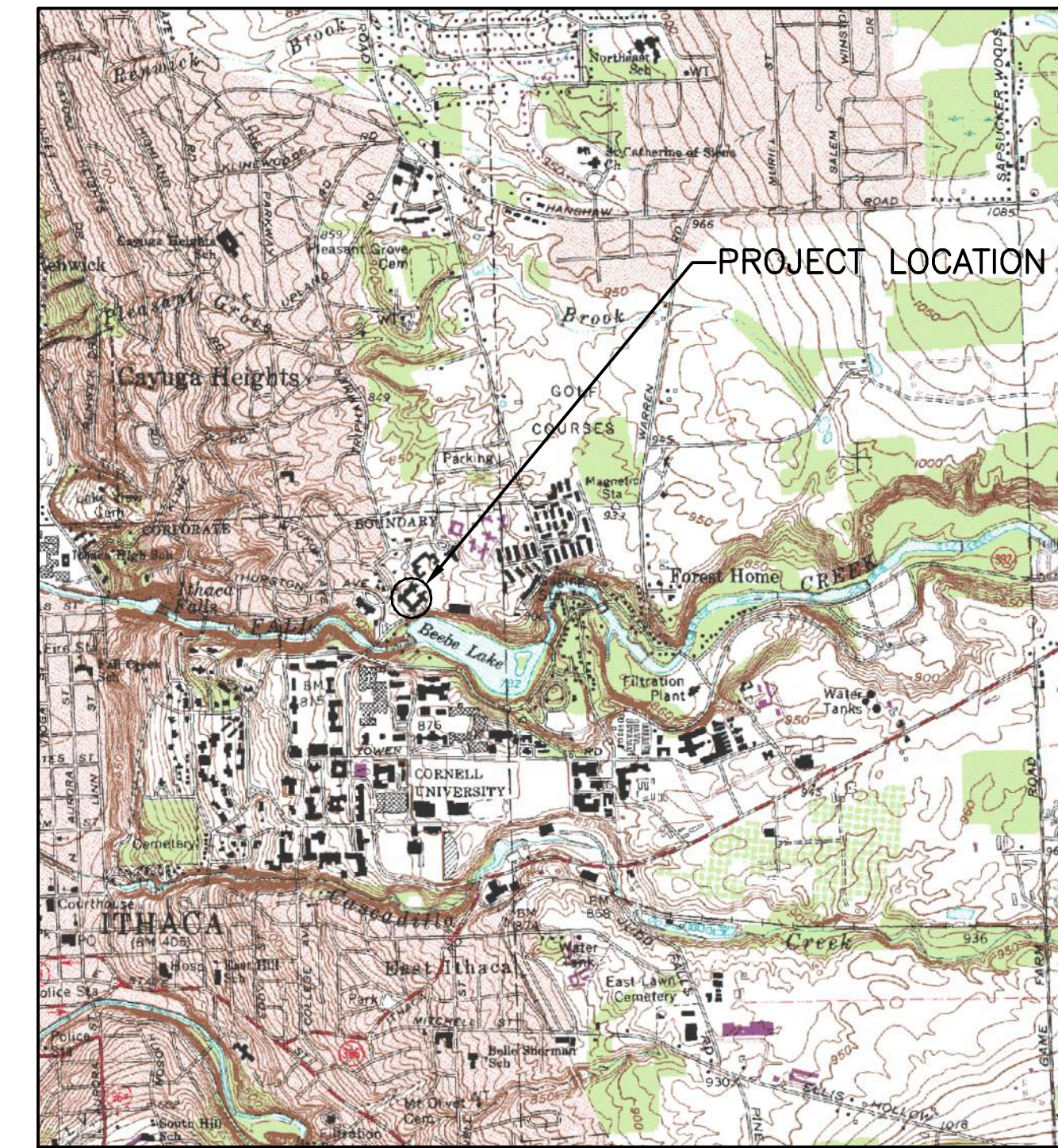
**DARRIN A. BROCK, L.S.**  
N.Y.S. LICENSE No. 050096  
*D.A.B.*  
SIGNATURE  
LICENSED LAND SURVEYOR



DATE: 10/26/2018  
JOB No. S18-939  
SCALE: 1"=20'  
DRAWN BY: DAB  
CHECKED: DLD  
SHEET 1 OF 1

| NUMBER | TITLE                                          |
|--------|------------------------------------------------|
| 1 OF 1 | TOPOGRAPHIC SURVEY MAP                         |
| C1.00  | CIVIL GENERAL                                  |
| C1.01  | EXISTING SITE CONDITIONS MAP                   |
| C1.02  | SITE UTILITY DEMOLITION PLAN                   |
| C2.00  | SITE UTILITY PLAN AND KEY SHEET                |
| C2.01  | SITE UTILITY PLAN                              |
| C2.02  | SITE UTILITY PLAN                              |
| C2.03  | CHILLED WATER PLAN AND PROFILE                 |
| C3.00  | DRAINAGE PLAN                                  |
| C3.01  | DRAINAGE PLAN                                  |
| C3.02  | DRAINAGE PLAN                                  |
| C3.03  | DRAINAGE PLAN                                  |
| C3.04  | DRAINAGE PLAN                                  |
| C3.05  | DRAINAGE PLAN                                  |
| C3.06  | DRAINAGE PLAN                                  |
| C3.07  | SURFACE RESTORATION PLAN                       |
| C3.08  | ADA PARKING PAVING, SIGNAGE & MARKINGS PLAN    |
| C4.01  | SITE UTILITY DETAILS                           |
| C4.02  | SITE UTILITY DETAILS                           |
| C5.00  | EROSION AND SEDIMENT CONTROL NOTES AND DETAILS |
| C5.01  | EROSION AND SEDIMENT CONTROL PLAN              |
| C6.01  | WORK ZONE TRAFFIC CONTROLS AND STAGING PLAN    |
| C6.02  | ZONING ANALYSIS                                |
| C7.01  | PARKING AND ACCESSIBILITY PLAN                 |

|          |                            |        |                                |
|----------|----------------------------|--------|--------------------------------|
| A.D.     | area drain                 | N      | north                          |
|          |                            | N.I.C. | not in contact                 |
| BLDG     | building                   | N.T.S. | not to scale                   |
| BOP      | beginning of project       | NO.    | number                         |
|          |                            |        |                                |
| CAL      | caliper                    | O.C.   | on center                      |
| C.I.     | cast iron                  | O.D.   | outside diameter               |
| C.B.     | catch basin                | PE     | polyethylene                   |
| C.O.     | cleanout                   | PERF.  | perforated                     |
| C.L.     | center line                | PVC    | polyvinyl chloride             |
| CONC.    | concrete                   | PCC    | point of compound curvature    |
| C.L.L.   | contract limit line        | PC     | point of curvature             |
| CMP      | corrugated metal pipe      | PI     | point of inflection            |
|          |                            | PRC    | point of reverse curvature     |
| DI       | drainage inlet             | PT     | point of tangent               |
| D.I.     | ductile iron               | PVI    | point of vertical intersection |
| DJA      | diameter                   | PVT    | point of vertical tangent      |
| D.S.     | downspout                  |        |                                |
|          |                            | REBAR  | reinforcement bar              |
| DWG      | drawing                    | RCP    | reinforced concrete pipe       |
|          |                            | R.P.   | radius point                   |
| E        | east                       | RR     | railroad                       |
| ELV., EL | elevation                  | REV.   | revision                       |
| EOP      | end of project             |        |                                |
|          |                            | SAN    | sanitary                       |
| FFE      | finished floor elevation   | SCH    | schedule                       |
| FT       | foot or feet               | S      | south                          |
| F.E.S.   | flared end section         | STA    | station                        |
| F.D.C.   | fire department connection |        |                                |
|          |                            |        |                                |
| GALV     | galvanized                 | TEL    | telephone                      |
| G.V.     | gas value                  | TRANS  | Transite                       |
|          |                            | TYP.   | typical                        |
| HP       | high point                 | VAR    | varies                         |
| HDPE     | high density polyethylene  | VERT.  | vertical                       |
| HOR      | horizontal                 | VC     | vertical curve                 |
|          |                            | VCT    | vitrified clay tile            |
| I.D.     | inside diameter            | VPC    | vertical point of curvature    |
| INV      | invert                     | VPT    | vertical point of tangent      |
|          |                            | VPI    | vertical point of inflection   |
| L        | length (of curve)          | W      | west                           |
| LF       | linear feet                | WWF    | welded wire fabric             |
| LP       | low point                  |        |                                |
|          |                            |        |                                |
| MH       | manhole                    |        |                                |
| MAX      | maximum                    |        |                                |
| MIN      | minimum                    |        |                                |
| MISC.    | miscellaneous              |        |                                |



1 CIVIL DRAWING INDEX

2 STANDARD ABBREVIATIONS

3 LOCATION MAP

SCALE: 1"=2,000'

CORNELL UNIVERSITY  
CUSTOMER SERVICE CENTER  
607-255-5322  
UTILITIES DEPARTMENT  
607-255-6634  
FRANK PERRY

CITY OF ITHACA  
DEPARTMENT OF PUBLIC WORKS  
STREETS AND FACILITIES  
607-277-1718  
MARK VERBANIC

CITY OF ITHACA  
DEPARTMENT OF PUBLIC WORKS  
WATER AND SEWER  
607-272-1717  
SCOTT GIBSON

NEW YORK STATE ELECTRIC AND GAS  
TED HANSEN - ELECTRIC  
607-347-2501  
JACK BARKER - GAS  
585-484-3262

VERIZON  
607-734-0279  
DAVE COMER

TIME WARNER CABLE  
607-272-7875  
TORRANCE COUNTRYMAN

- EXISTING TOPOGRAPHIC AND UTILITY INFORMATION SHOWN IS BASED ON MAP TITLED "TOPOGRAPHIC MAP BALCH HALL" DATED 10/26/2018 BY T.G. MILLER, P.C. AS WELL AS MORE RECENT FIELD OBSERVATIONS AND COLLECTED DATA.

- EXISTING UTILITIES SHOWN ARE IN APPROXIMATE LOCATION ONLY. VERIFY EXACT LOCATION OF ALL UTILITIES BEFORE BEGINNING CONSTRUCTION. NOTIFY DIG SAFELY NEW YORK (D.S.N.Y. 1-800-962-7962) A MINIMUM 2 WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION. POTHOLE BURIED UTILITIES AT ALL CROSSINGS AND CONNECTION POINTS PRIOR TO BEGINNING WORK.

- DATUM OF ELEVATIONS IS APPROXIMATE U.S.G.S.

- EXCAVATE, UNCOVER AND VERIFY IN FIELD EXACT LOCATION, SIZE AND MATERIAL OF EXISTING UTILITIES AT CROSSINGS WITH PROPOSED UTILITY IMPROVEMENTS AND AT CONNECTION POINTS OF PROPOSED IMPROVEMENTS PRIOR TO INSTALLATION. NOTIFY OWNER OF ALL DISCREPANCIES WITH INFORMATION SHOWN ON DRAWINGS.

- ALL VALVES ON WATER MAINS IN SERVICE OR CONNECTED TO MAINS IN SERVICE SHALL BE OPERATED BY OR UNDER THE SUPERVISION OF CORNELL UNIVERSITY UTILITIES DEPARTMENT.

- CONNECTIONS TO EXISTING UTILITIES SHALL BE PERFORMED BY OR UNDER DIRECT SUPERVISION OF CORNELL UNIVERSITY FACILITIES DEPARTMENT.

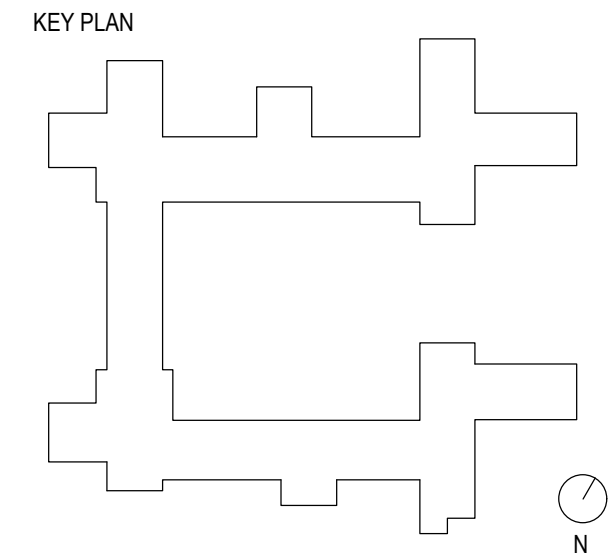
- ALL CONTRACTORS ARE RESPONSIBLE FOR MAKING THEMSELVES AND THEIR EMPLOYEES AWARE OF THE PRESENCE, LOCATION AND QUANTITIES OF EXISTING ASBESTOS-CONTAINING MATERIALS AND TO WARN THEIR EMPLOYEES OF THE POTENTIAL DANGERS OF EXPOSURE TO ASBESTOS.

- ANY QUESTIONABLE MATERIAL OR MATERIAL SUSPECTED TO CONTAIN ASBESTOS SHALL NOT BE DISTURBED AND SHALL BE BROUGHT TO THE ATTENTION OF OWNER AND ENGINEER FOR AN ACCURATE INTERPRETATION AND/OR SAMPLING AND ANALYSIS.

- IF ASBESTOS-CONTAINING MATERIALS ARE ACCIDENTALLY DISTURBED, OR UNIDENTIFIED SUSPECT ASBESTOS-CONTAINING MATERIALS ARE DISCOVERED, CEASE WORK IMMEDIATELY WITHIN THE AFFECTED AREA, CORDON OFF THE AFFECTED AREA AT 25 FEET FROM THE LIMITS OF THE DISTURBANCE OR THE SUSPECT MATERIALS, AND CONTACT OWNER AND ENGINEER.

- CONTRACTOR SHALL RESTORE ALL AREAS OF SITE DISTURBED BY CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH LANDSCAPING DETAILS AND SPECIFICATIONS.

|        |                                    |        |                                     |
|--------|------------------------------------|--------|-------------------------------------|
| ---    | PROPERTY LINE                      | ⊙      | EXISTING DECIDUOUS TREE             |
| ---    | EXISTING EDGE LAWN/PLANTING BED    | ⊙      | EXISTING CONIFER TREE               |
| -xGH-  | EXISTING CHILLED WATER PIPE        | ⊙      | EXISTING LIGHT POLE                 |
| -xG-   | EXISTING FIRE LOOP MAIN            | ⊙      | EXISTING UTILITY POLE               |
| -xG-   | EXISTING GAS LINE                  | BLUE ⊙ | EXISTING BLUE LIGHT                 |
| -xL-   | EXISTING LIGHTING WIRING           | ⊙      | EXISTING GAS VALVE                  |
| -xS-   | EXISTING SANITARY SEWER            | ⊙      | EXISTING TRAFFIC SIGN               |
| -xS-   | EXISTING STEAM & CONDENSATE        | ⊙      | EXISTING DRAINAGE INLET             |
| -xS-   | EXISTING STORM SEWER               | ⊙      | EXISTING DOWNSPOUT CONNECTION       |
| -xT-   | EXISTING TELEPHONE                 | ⊙      | EXISTING MANHOLE                    |
| -xT.C. | EXISTING TELECOMMUNICATIONS        | ⊙      | EXISTING FIRE HYDRANT               |
| -xU.D. | EXISTING FOUNDATION UNDERDRAIN     | FDC ⊙  | EXISTING FIRE DEPARTMENT CONNECTION |
| -xW-   | EXISTING WATER PIPE                | ⊙      | EXISTING WATER VALVE                |
| (A)E   | ABANDONED ELECTRIC                 | PLV ⊙  | EXISTING POST INDICATOR VALVE       |
| (A)G   | ABANDONED GAS                      | EH ⊙   | EXISTING ELECTRICAL HAND HOLE       |
| (A)HW  | ABANDONED HOT WATER                | ⊙      | EXISTING TUNNEL VENT                |
| (A)S   | ABANDONED SANITARY                 | ⊙      | EXISTING TRACER BOX                 |
| (A)SM  | ABANDONED STEAM                    | ⊙      | PROPOSED STORM DRAINAGE INLET       |
| (A)T   | ABANDONED TELEPHONE                | ⊙      | PROPOSED STORM CONTROL STRUCTURE    |
| (A)W   | ABANDONED WATER                    | ⊙      | PROPOSED STORM MANHOLE              |
| ---    | UTILITY TO BE REMOVED OR ABANDONED | D.S.O  | PROPOSED DOWNSPOUT CONNECTION       |
| CH     | PROPOSED CHILLED WATER             | ⊙      | PROPOSED AREAWAY DRAIN              |
| E      | PROPOSED ELECTRIC                  | ⊙      | PROPOSED SANITARY TRAP              |
| F.D.   | PROPOSED FOUNDATION DRAIN          | ⊙      | PROPOSED CLEANOUT                   |
| L      | PROPOSED SITE LIGHTING             | ⊙      | PROPOSED TRACER WIRE ACCESS BOX     |
| S      | PROPOSED SANITARY SEWER            | ⊙      | STRUCTURE TO REMOVE                 |
| S.F.   | PROPOSED SILT FENCE OR SILT LOG    |        |                                     |
| St     | PROPOSED STORM SEWER PIPE          |        |                                     |
| T.C.   | PROPOSED TELECOMMUNICATIONS        |        |                                     |
| U.D.   | PROPOSED LAWN UNDERDRAIN           |        |                                     |



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CIVIL GENERAL

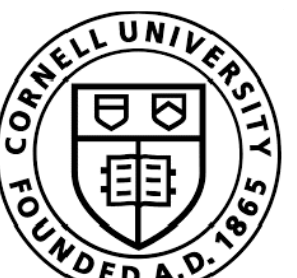
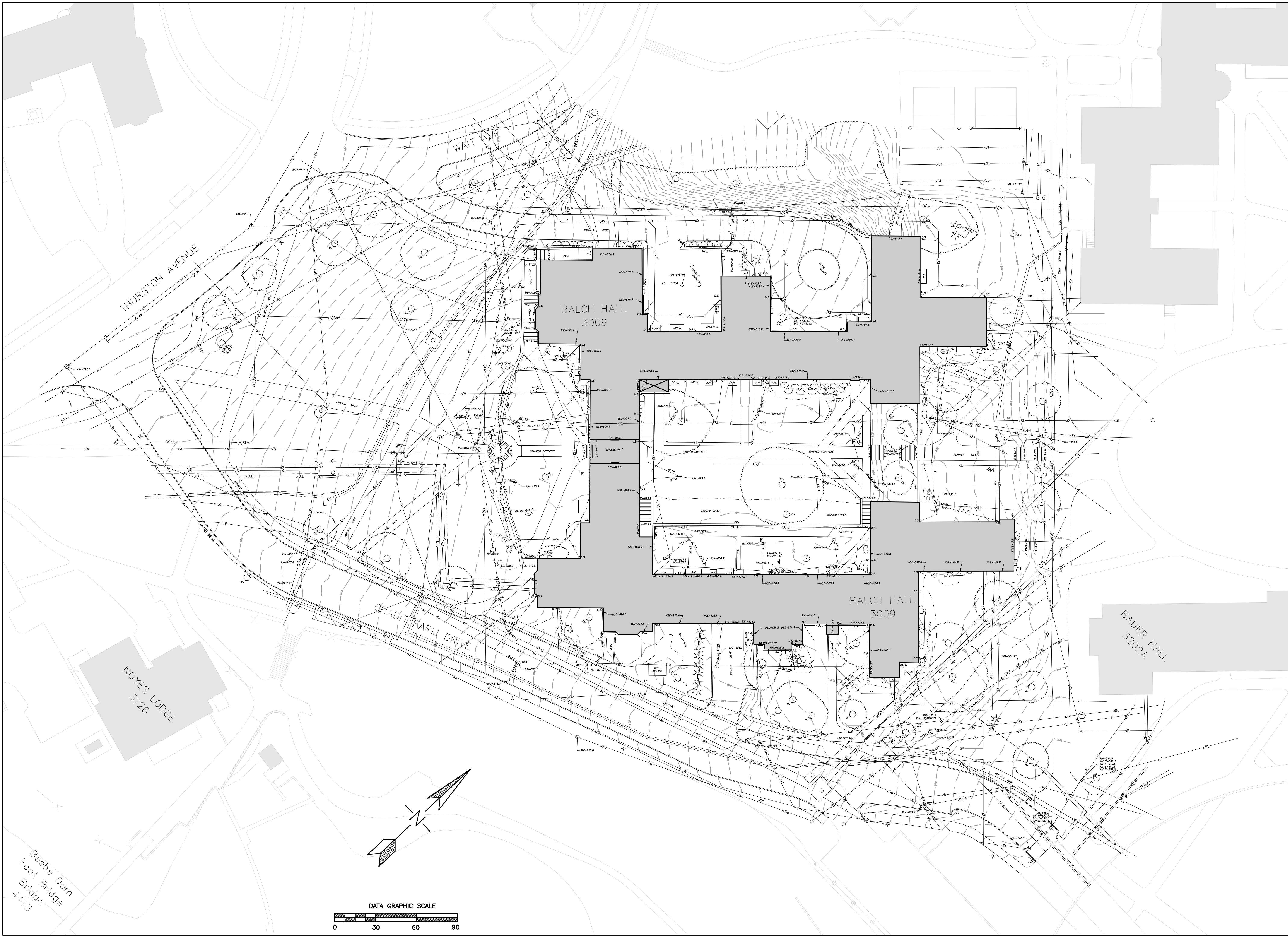
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4 UTILITY & STREET OWNERS AND CONTACTS

5 GENERAL NOTES

6 LEGEND



**BALCH HALL RENOVATION**

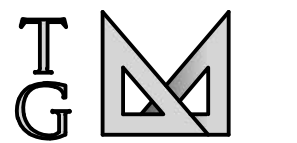
**Cornell University**

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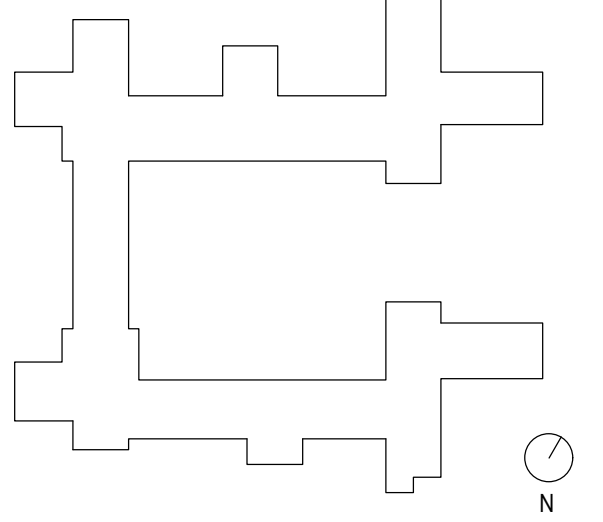
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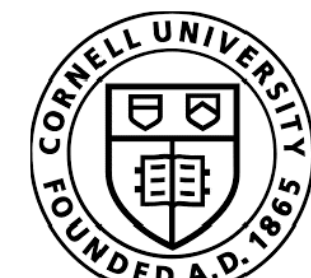
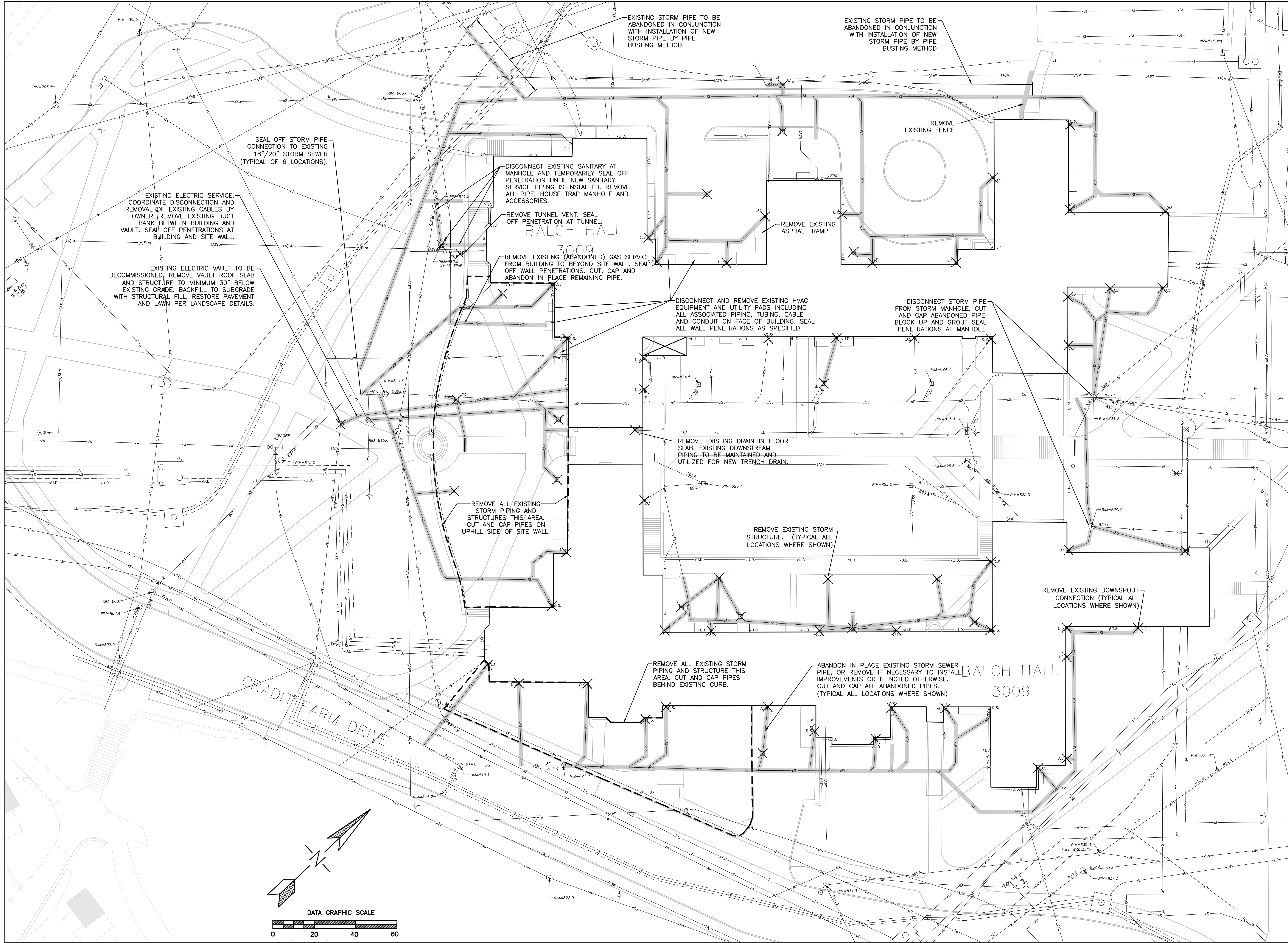
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**EXISTING SITE CONDITIONS MAP**

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Beebe Dam  
Foot Bridge  
4413



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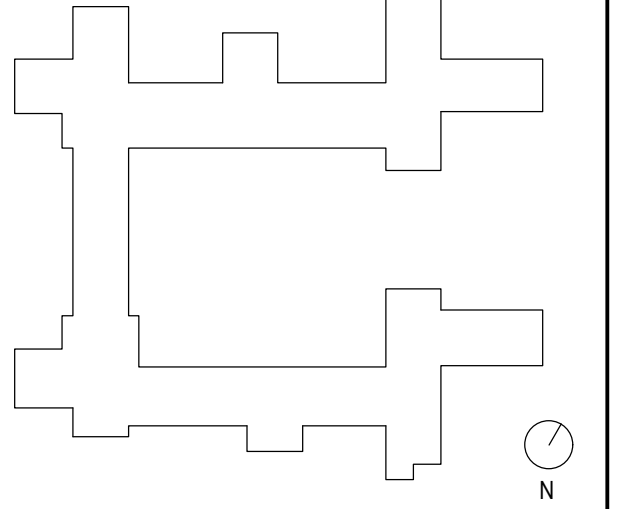
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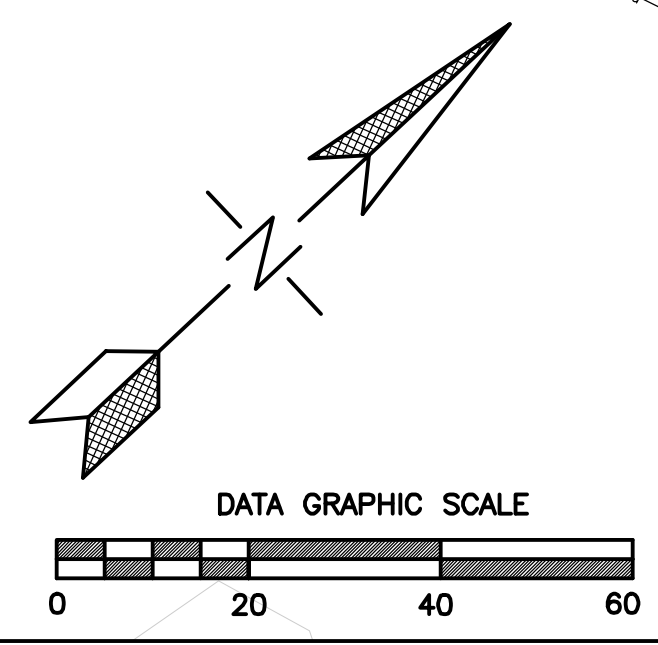
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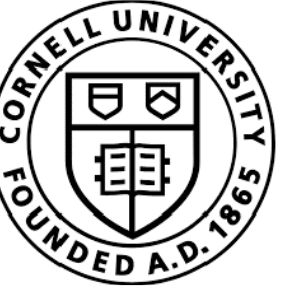
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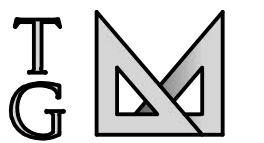
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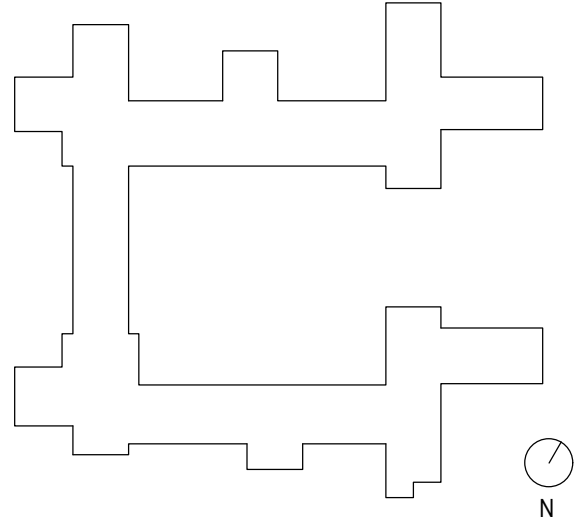
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**SITE UTILITY PLAN  
AND KEY SHEET**

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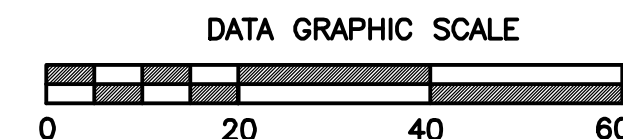
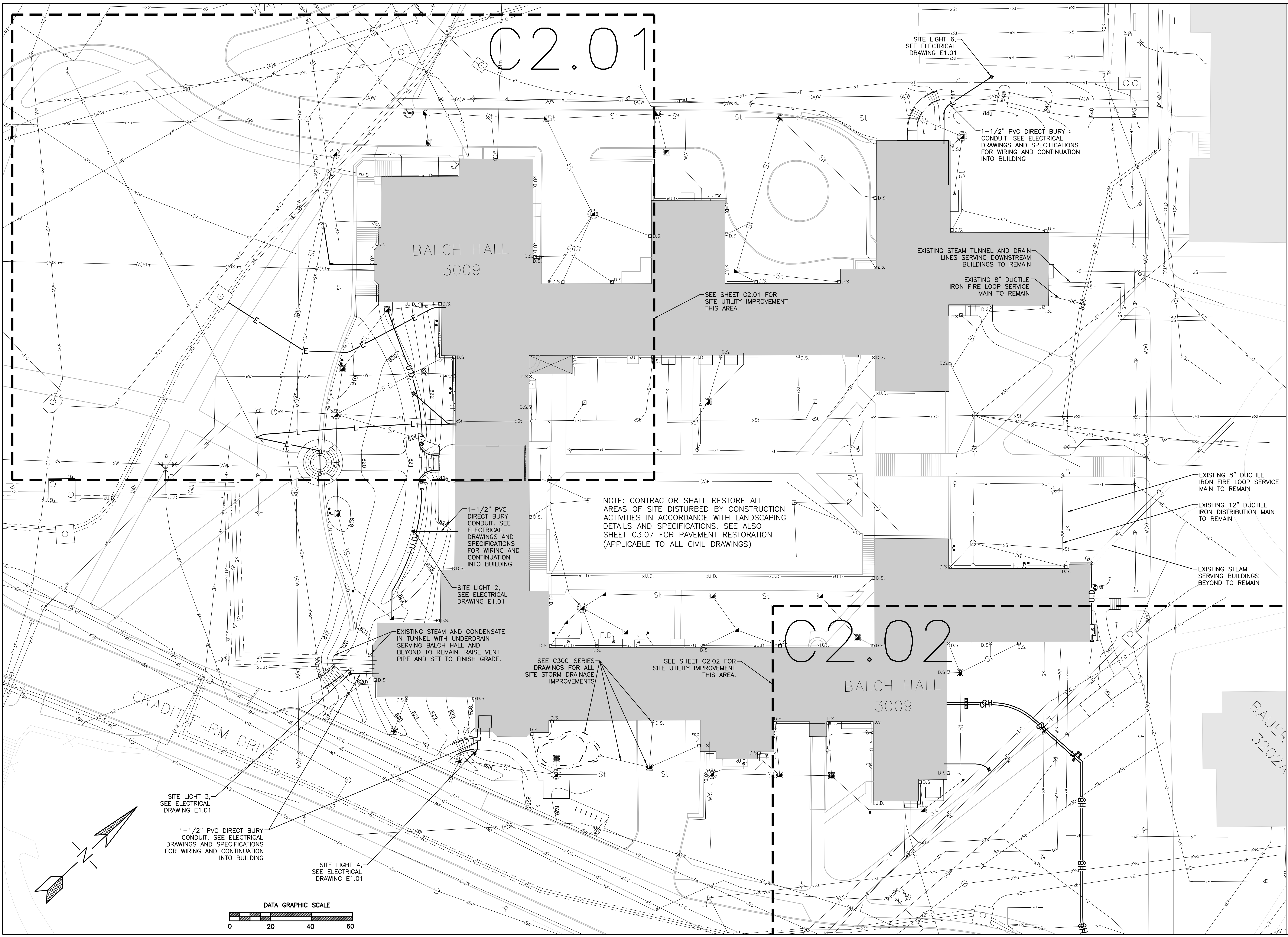
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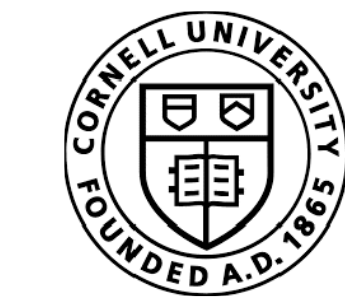
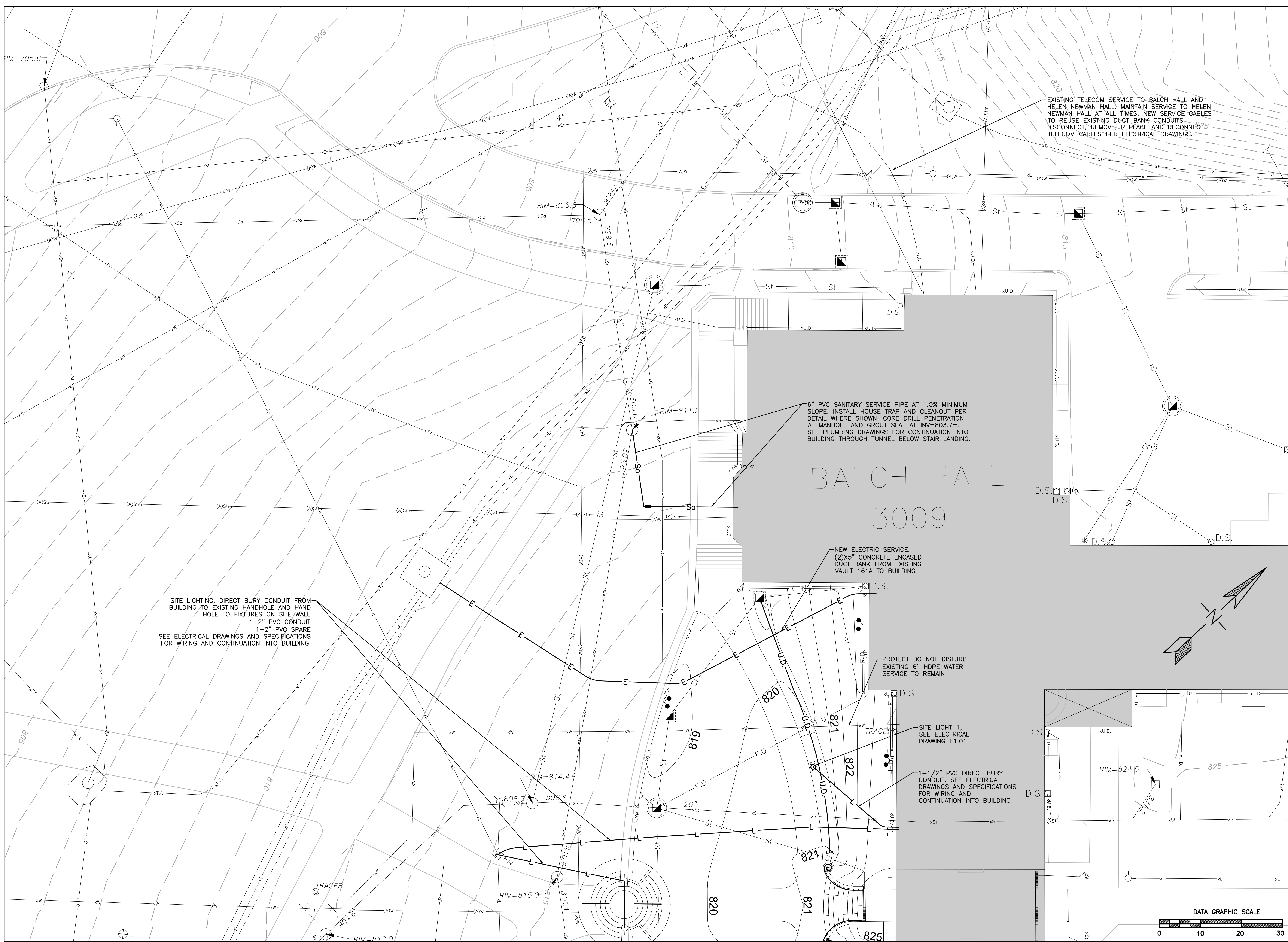
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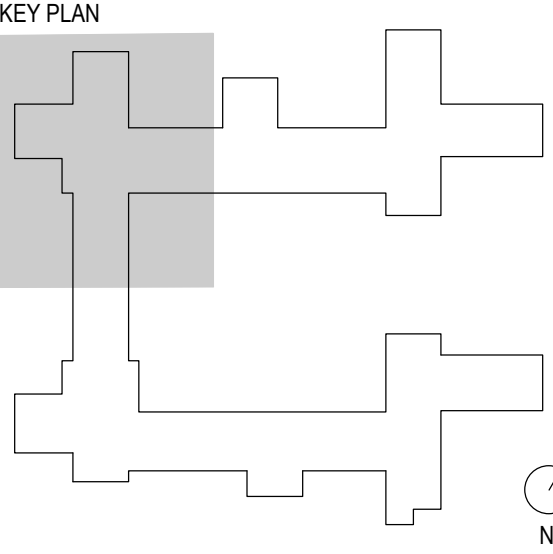


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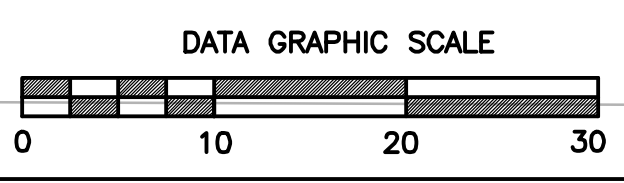


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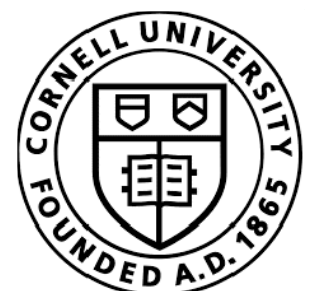
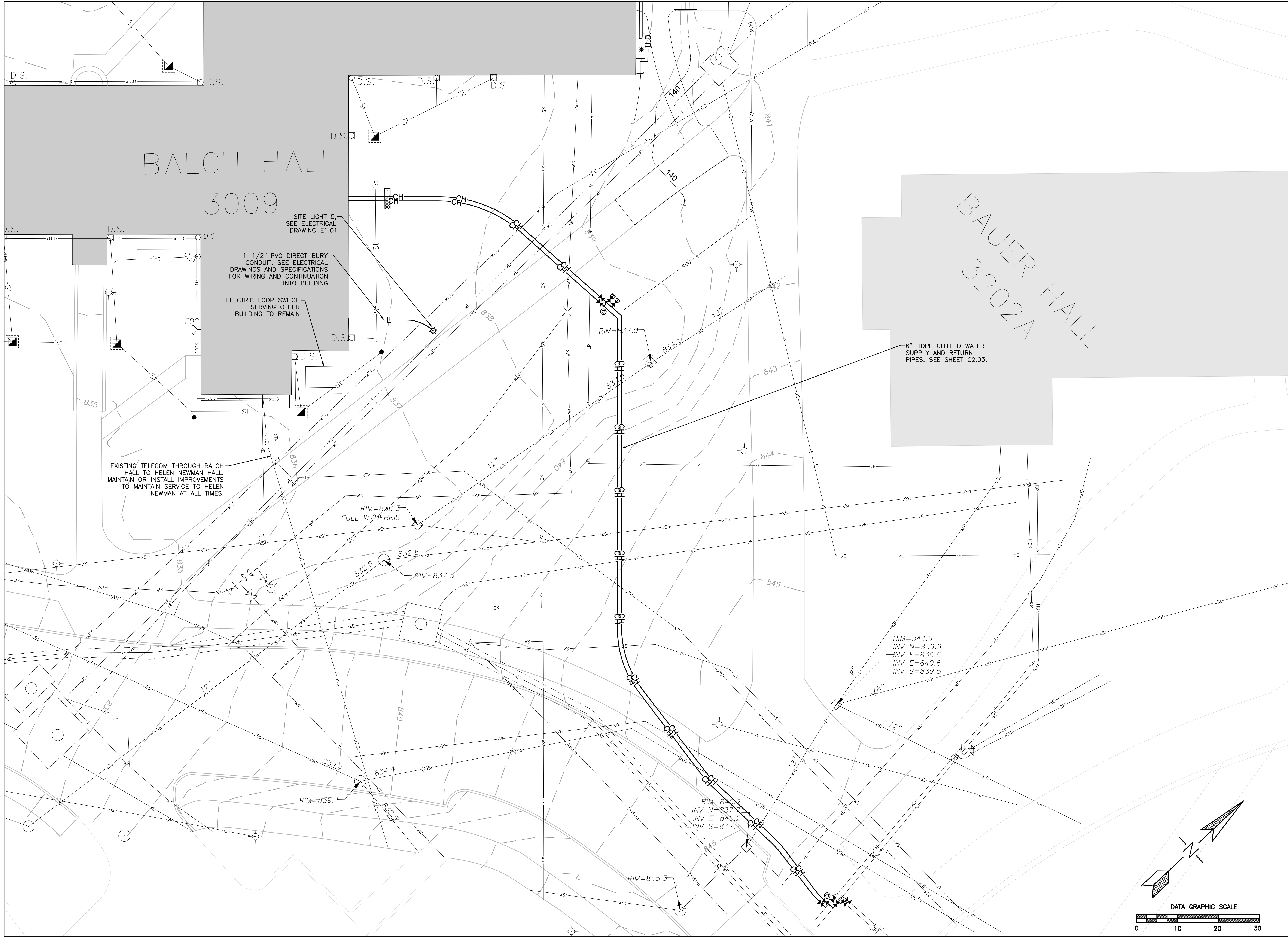
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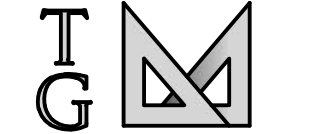
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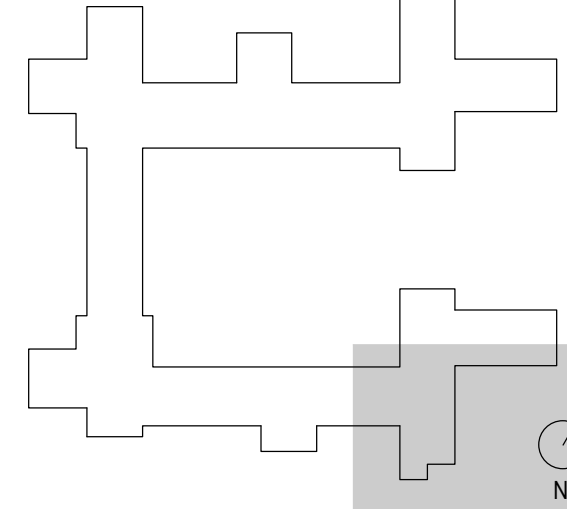
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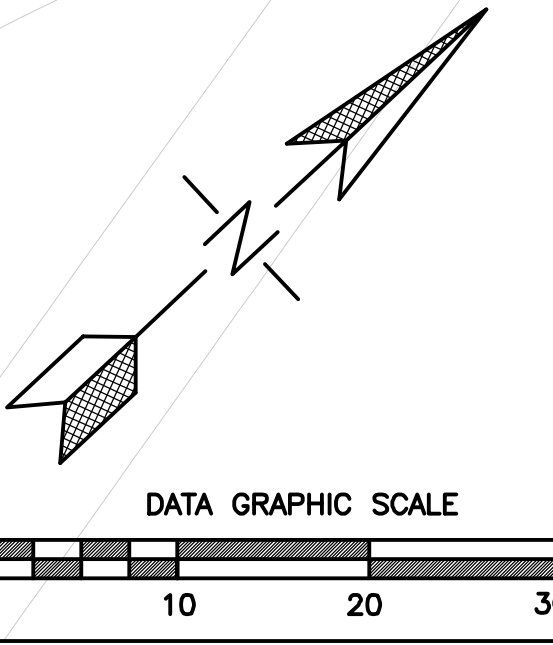
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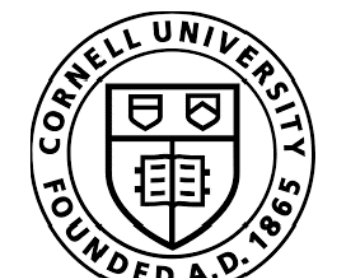
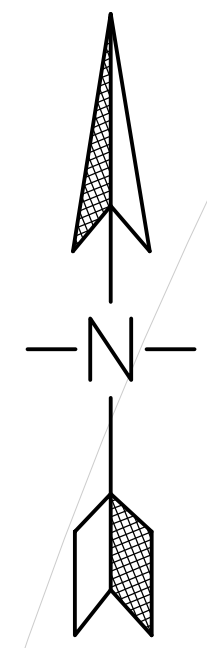
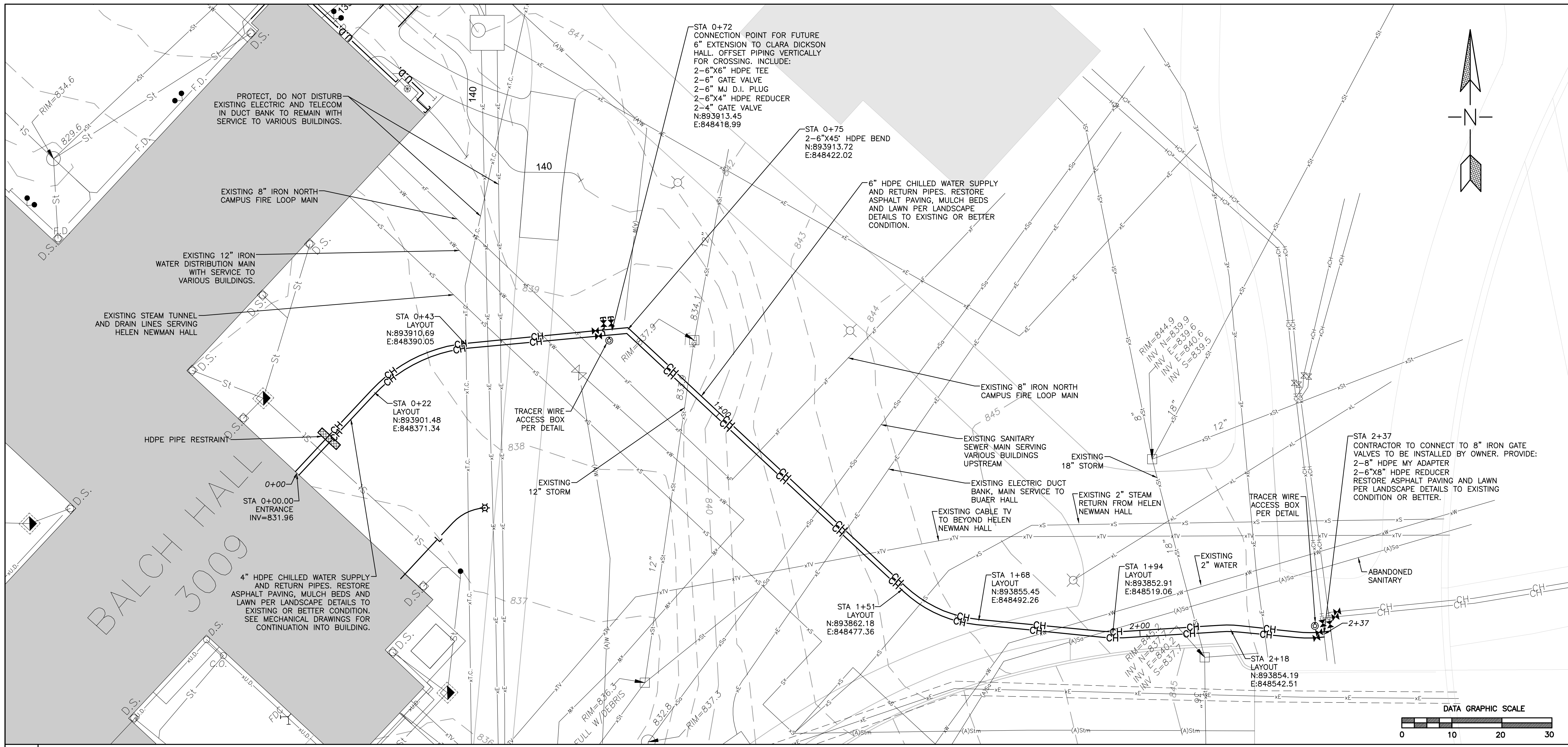
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**C2.02**





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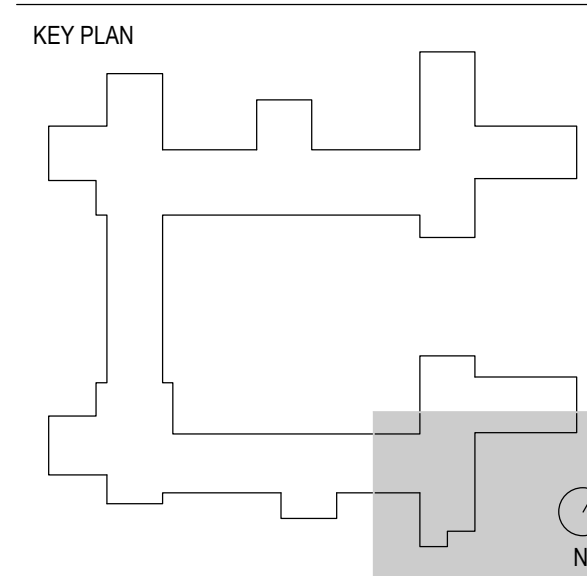
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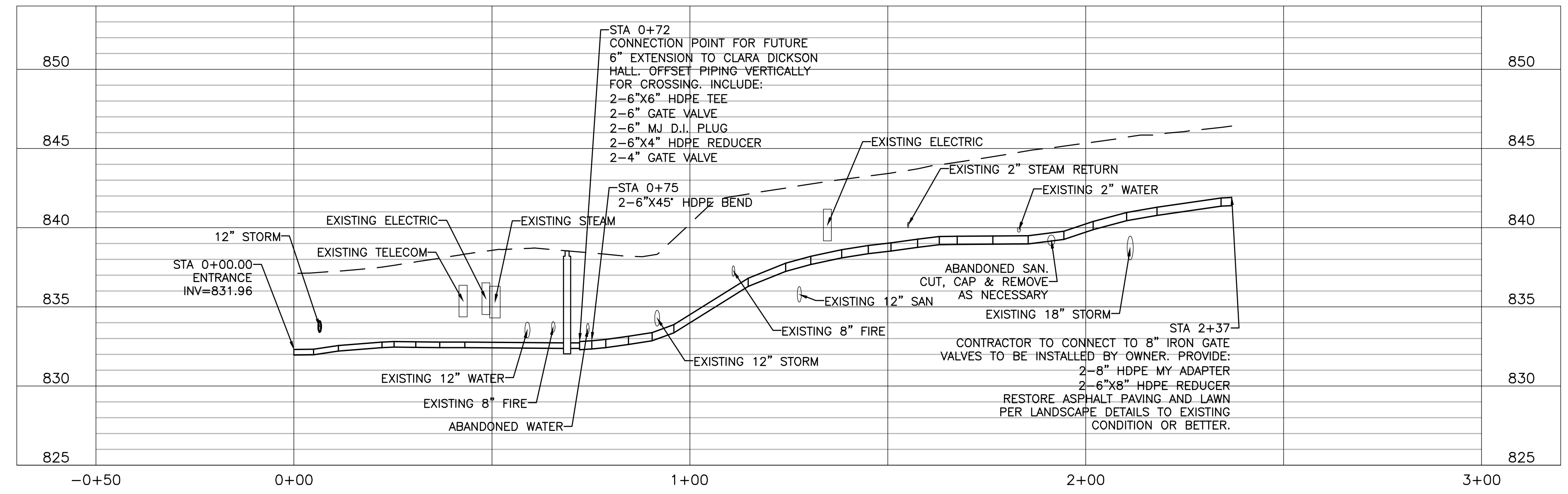
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**1 PLAN**  
SCALE: 1"=10'



NOTE: CONTRACTOR TO COORDINATE AND ATTEND PRE-CONSTRUCTION MEETING WITH CORNELL FACILITIES STAFF PRIOR TO BEGINNING CONSTRUCTION OF UTILITY IMPROVEMENTS.

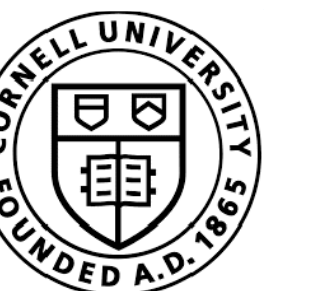
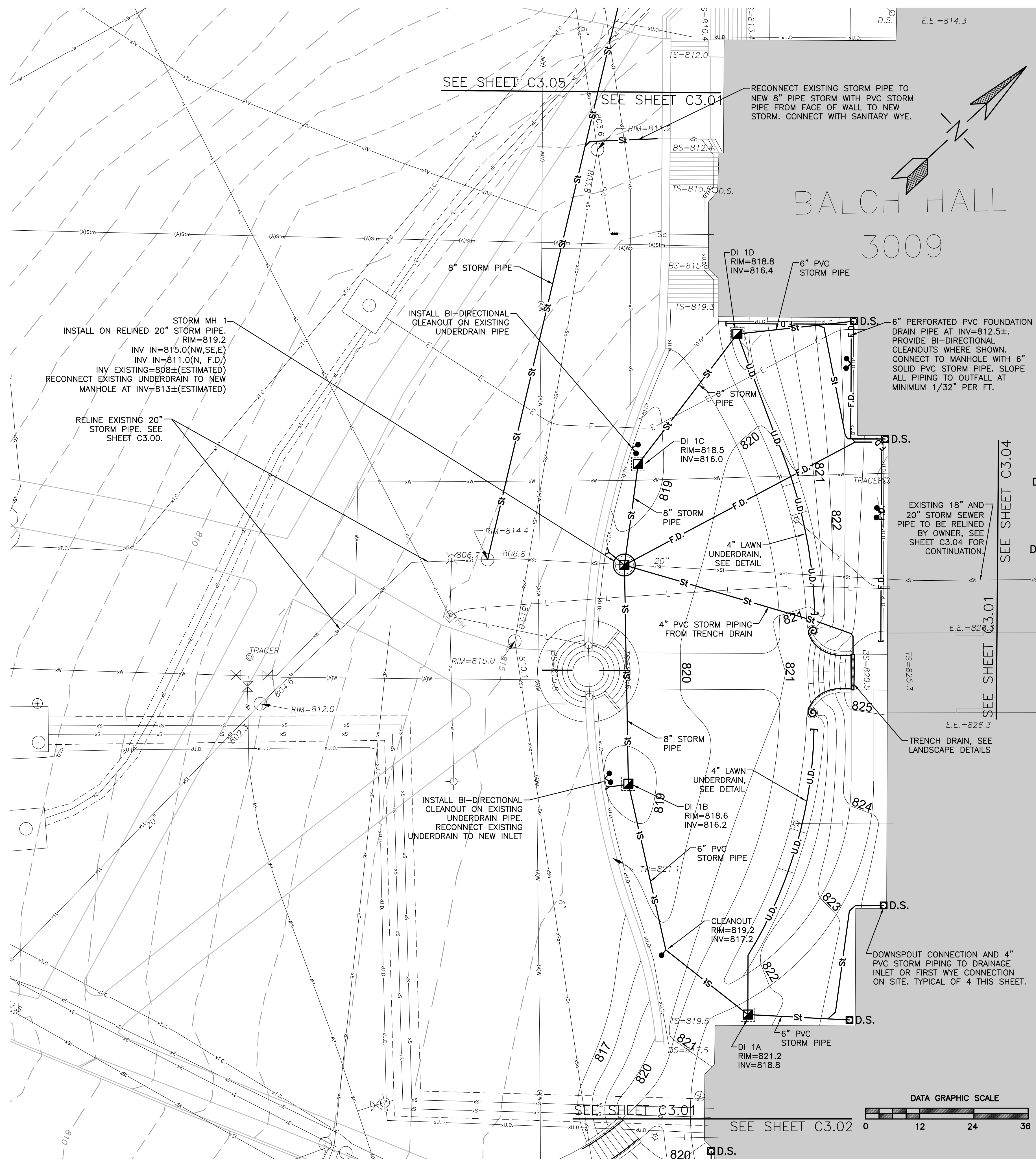
**2 PROFILE**  
SCALES: 1"=20' HOR., 1"=5' VERT.

**CHILLED WATER PLAN AND PROFILE**

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**BALCH HALL  
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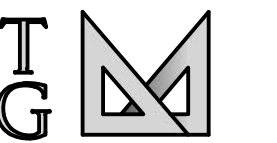
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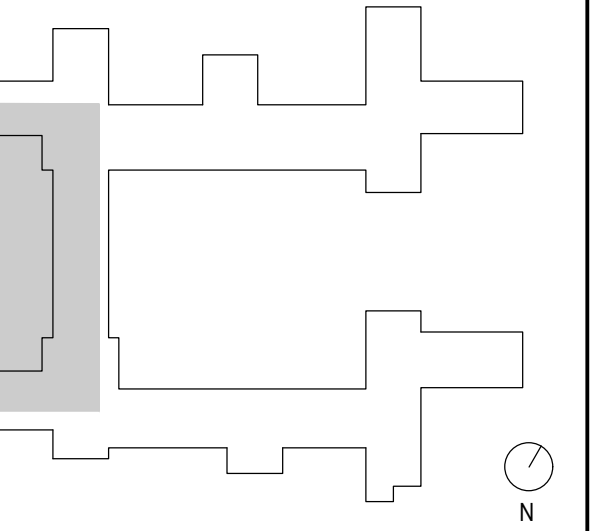
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**DRAINAGE PLAN**

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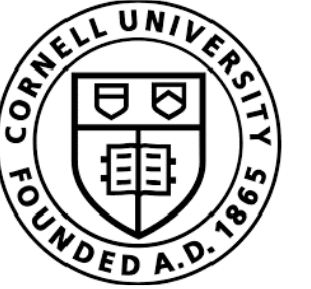
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# BALCH HALL RENOVATION

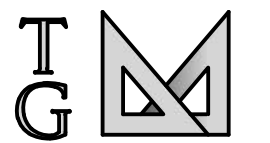
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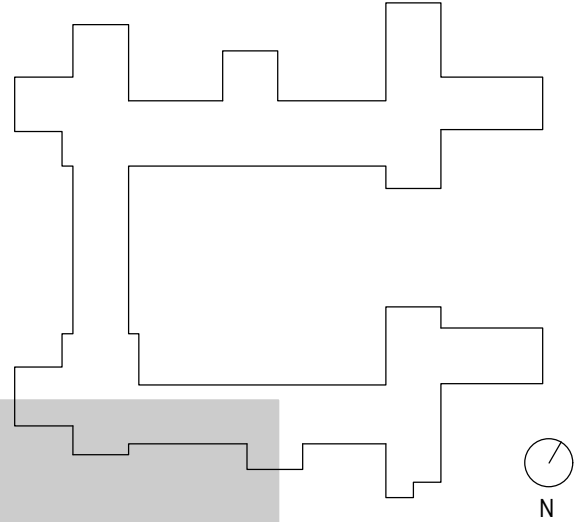
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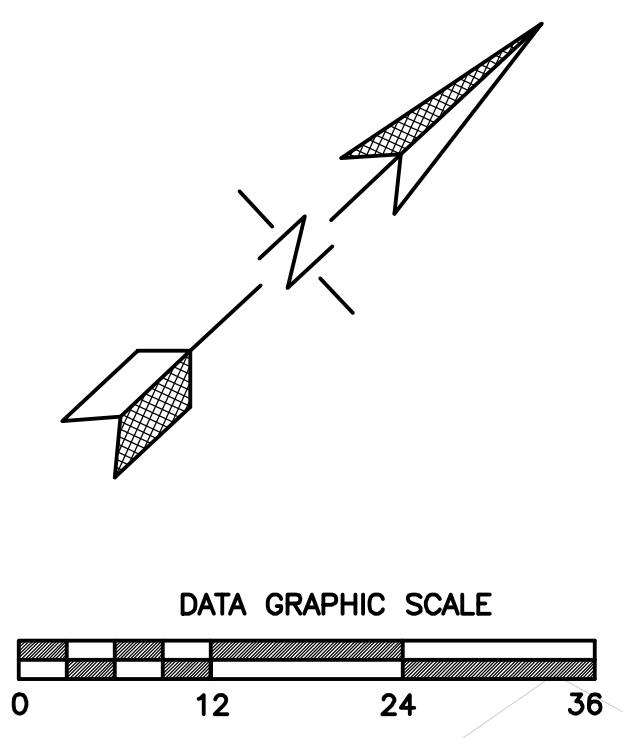
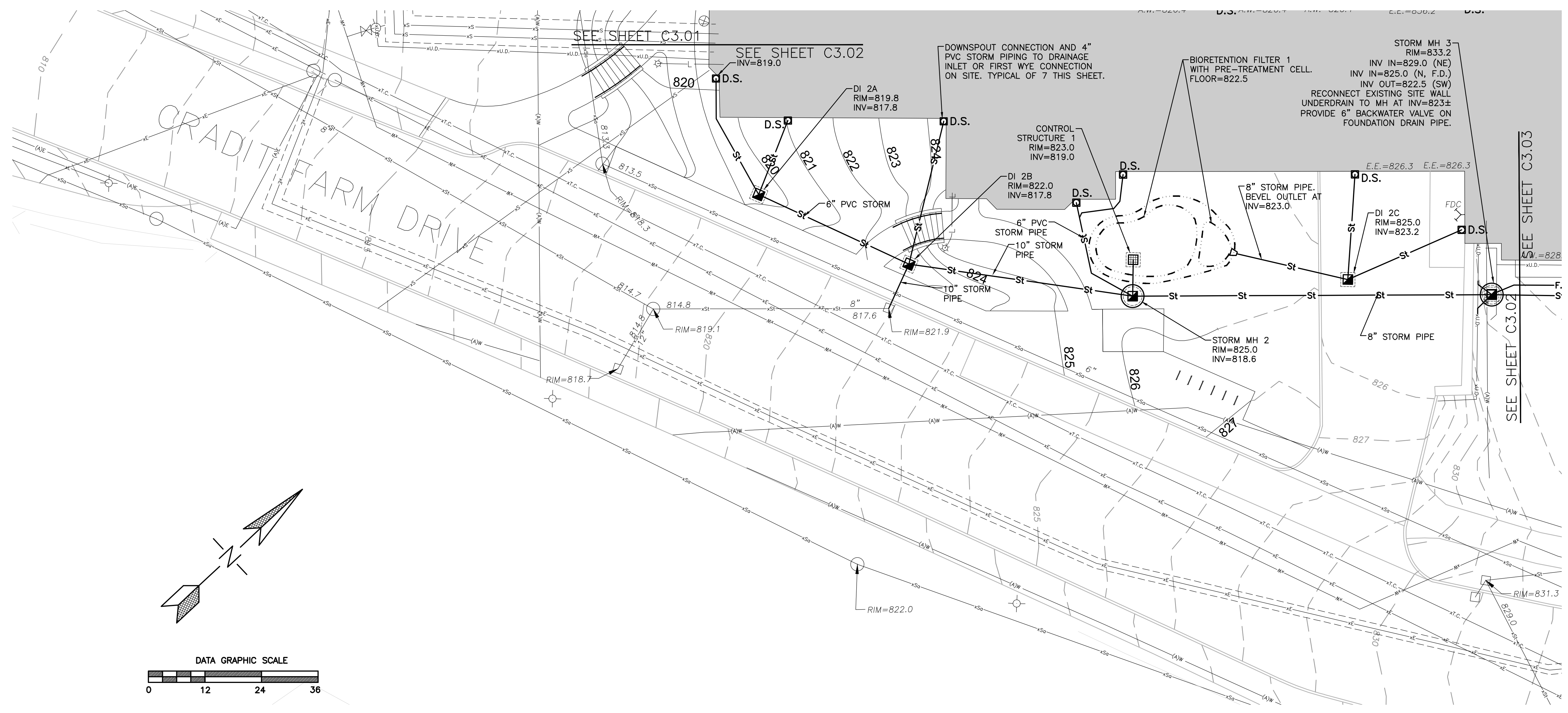
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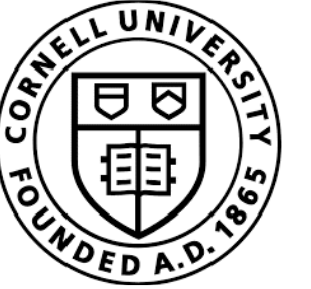
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# C3.02



DATA GRAPHIC SCALE  
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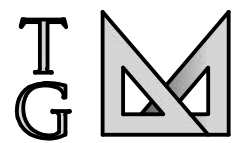
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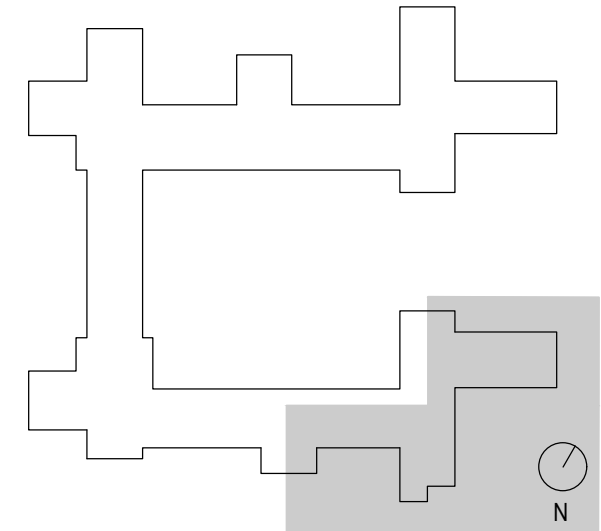
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### DRAINAGE PLAN

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GOODY CLANCY PROJECT NUMBER: 07400 TGM: E18-42

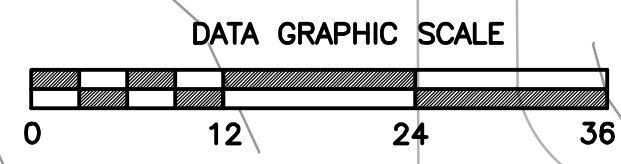
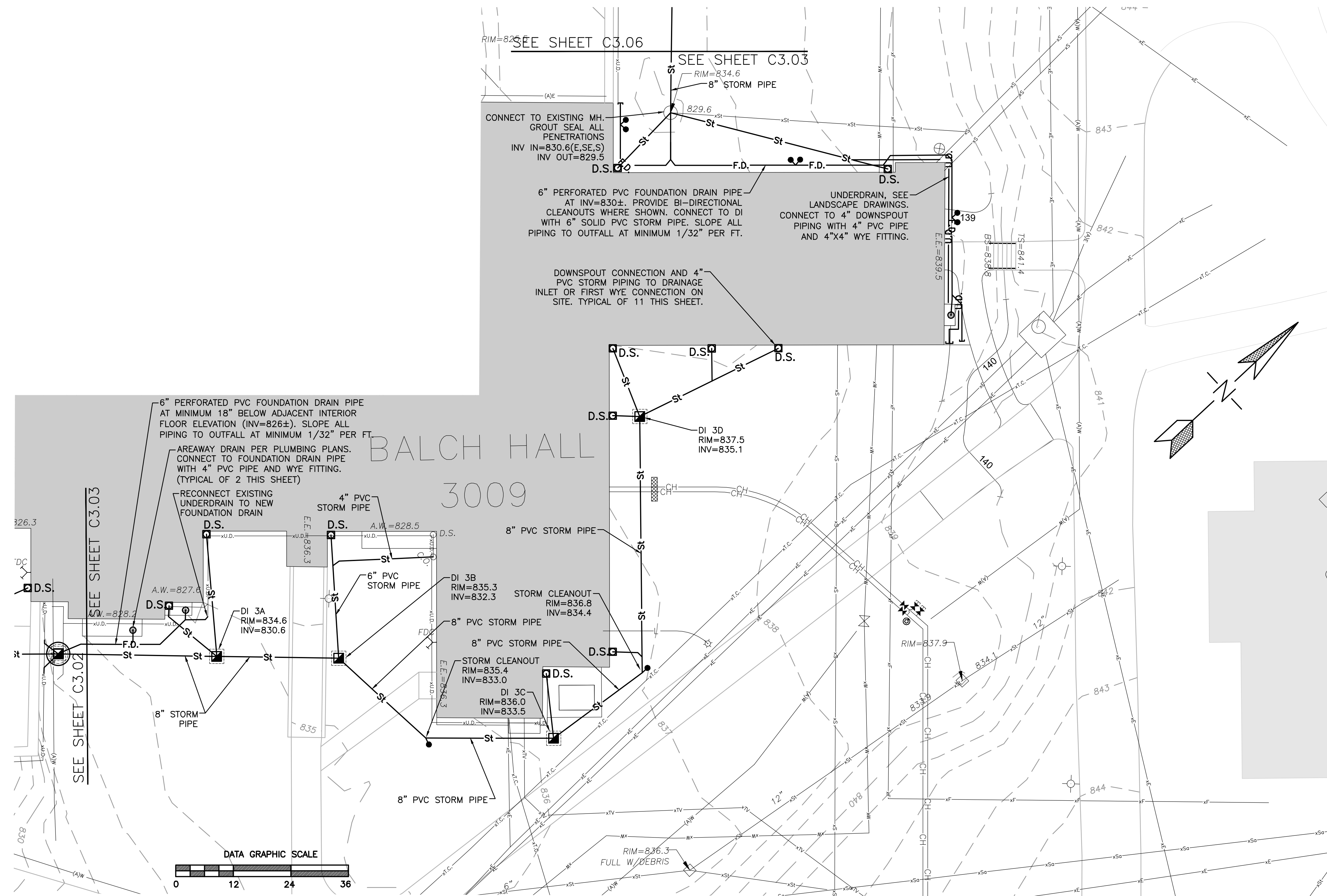
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DRAWN: FLS DATE: 11/05/2021

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DRAWING NO.:

# C3.03



SEE SHEET C3.02

SEE SHEET C3.06

SEE SHEET C3.03

**BALCH HALL 3009**

6" PERFORATED PVC FOUNDATION DRAIN PIPE AT MINIMUM 18" BELOW ADJACENT INTERIOR FLOOR ELEVATION (INV=826±). SLOPE ALL PIPING TO OUTFALL AT MINIMUM 1/32" PER FT.

AREAWAY DRAIN PER PLUMBING PLANS. CONNECT TO FOUNDATION DRAIN PIPE WITH 4" PVC PIPE AND WYE FITTING. (TYPICAL OF 2 THIS SHEET)

RECONNECT EXISTING UNDERDRAIN TO NEW FOUNDATION DRAIN

4" PVC STORM PIPE

6" PVC STORM PIPE

8" PVC STORM PIPE

STORM CLEANOUT RIM=835.4 INV=833.0

DI 3C RIM=836.0 INV=833.5

DI 3A RIM=834.6 INV=830.6

DI 3B RIM=835.3 INV=832.3

STORM CLEANOUT RIM=836.8 INV=834.4

DI 3D RIM=837.5 INV=835.1

UNDERDRAIN, SEE LANDSCAPE DRAWINGS. CONNECT TO 4" DOWNSPOUT PIPING WITH 4" PVC PIPE AND 4"x4" WYE FITTING.

DOWNSPOUT CONNECTION AND 4" PVC STORM PIPING TO DRAINAGE INLET OR FIRST WYE CONNECTION ON SITE. TYPICAL OF 11 THIS SHEET.

CONNECT TO EXISTING MH. GROUT SEAL ALL PENETRATIONS  
INV IN=830.6(E,SE,S)  
INV OUT=829.5

6" PERFORATED PVC FOUNDATION DRAIN PIPE AT MINIMUM 18" BELOW ADJACENT INTERIOR FLOOR ELEVATION (INV=826±). SLOPE ALL PIPING TO OUTFALL AT MINIMUM 1/32" PER FT.

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DI 3C RIM=836.0 INV=833.5

DI 3A RIM=834.6 INV=830.6

DI 3B RIM=835.3 INV=832.3

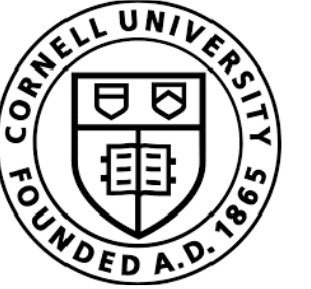
STORM CLEANOUT RIM=836.8 INV=834.4

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UNDERDRAIN, SEE LANDSCAPE DRAWINGS. CONNECT TO 4" DOWNSPOUT PIPING WITH 4" PVC PIPE AND 4"x4" WYE FITTING.

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CONNECT TO EXISTING MH. GROUT SEAL ALL PENETRATIONS  
INV IN=830.6(E,SE,S)  
INV OUT=829.5



# BALCH HALL RENOVATION

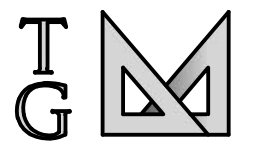
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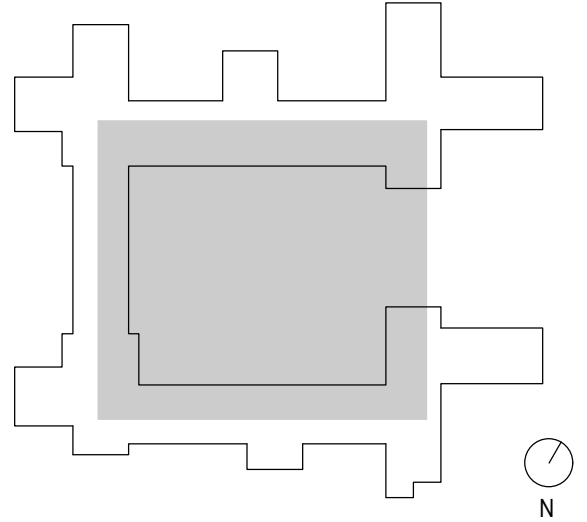
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**DRAINAGE PLAN**

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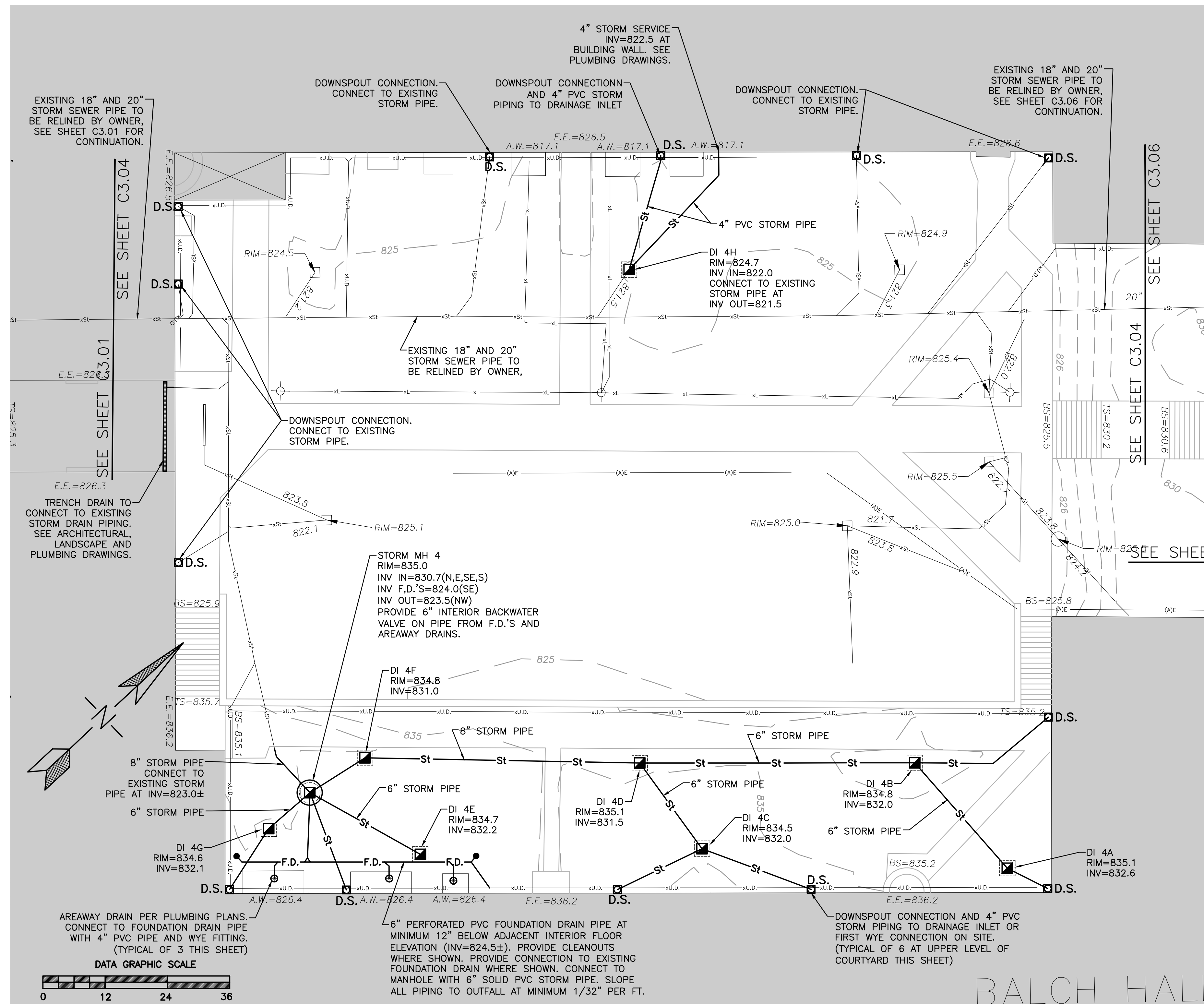
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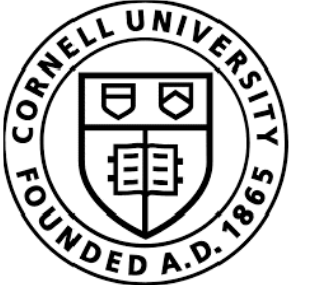
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# C3.04



BALCH HALL



**BALCH HALL RENOVATION**

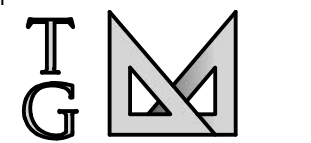
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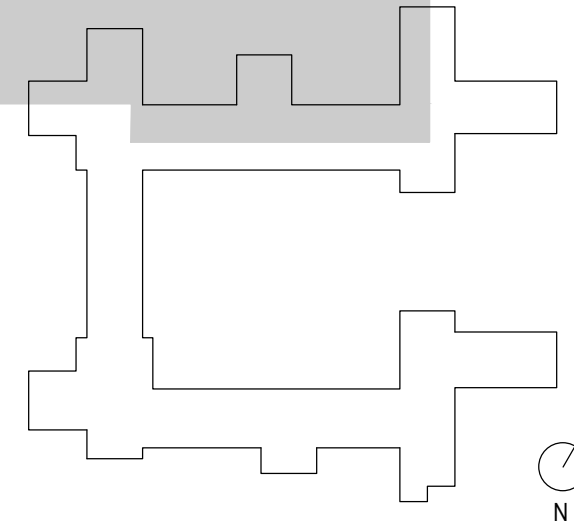
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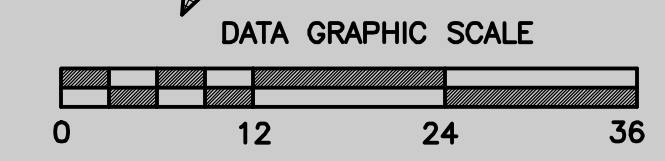
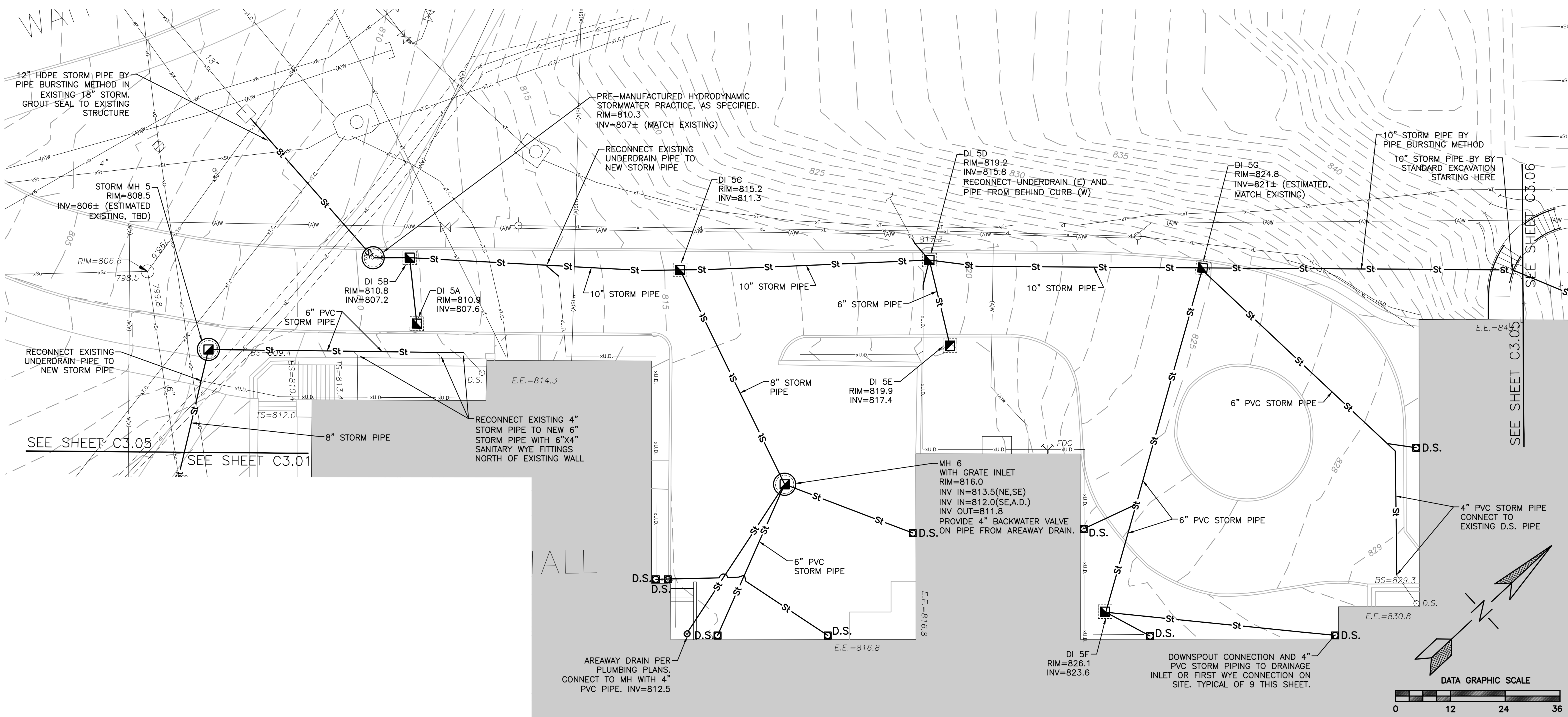


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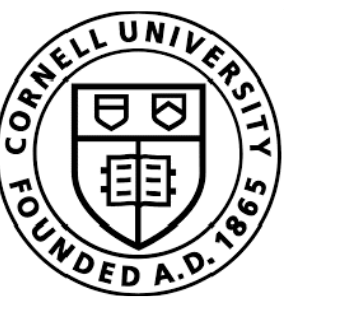
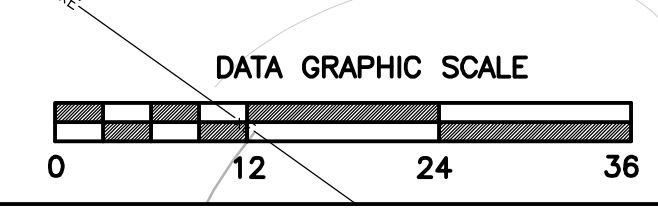
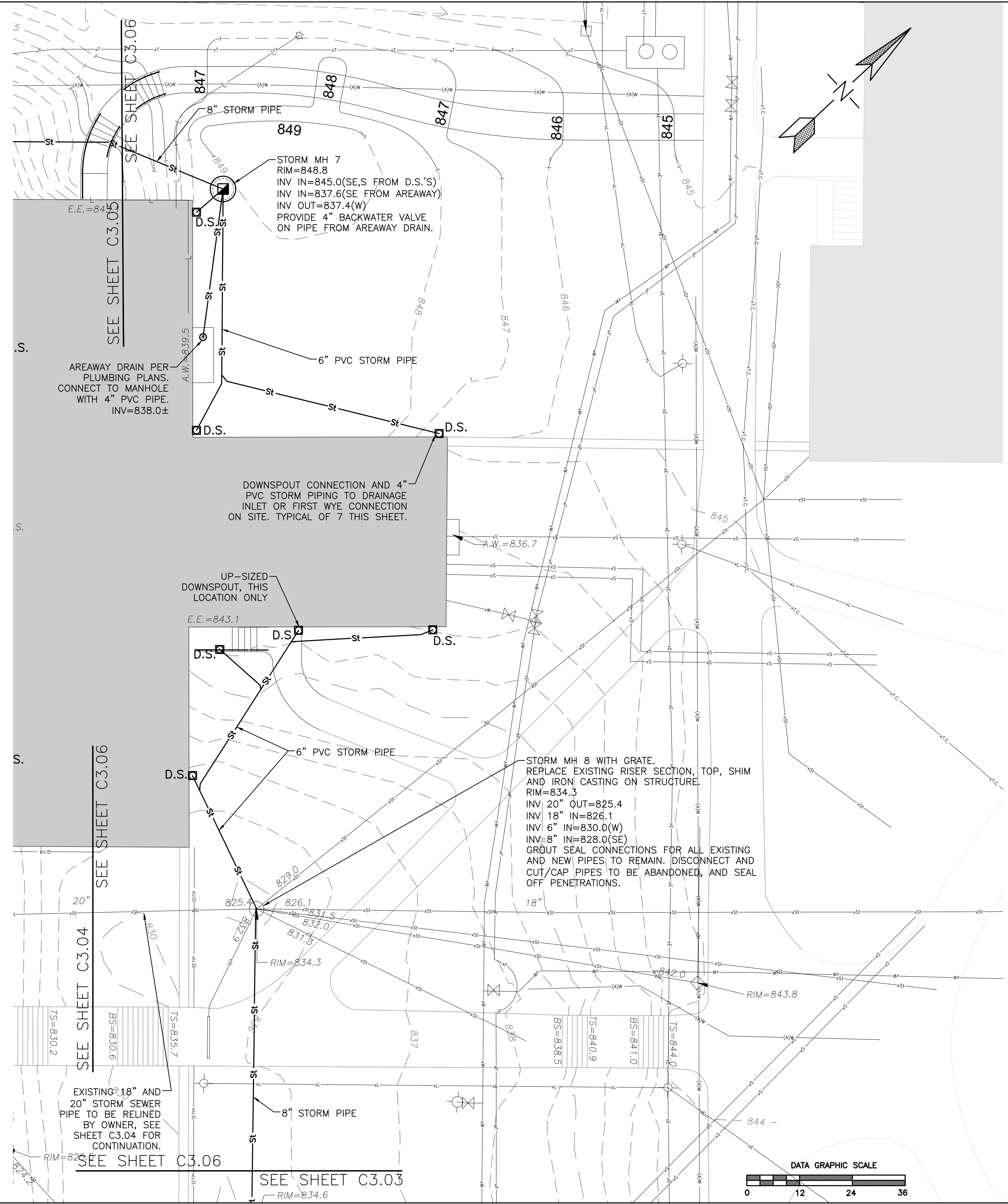


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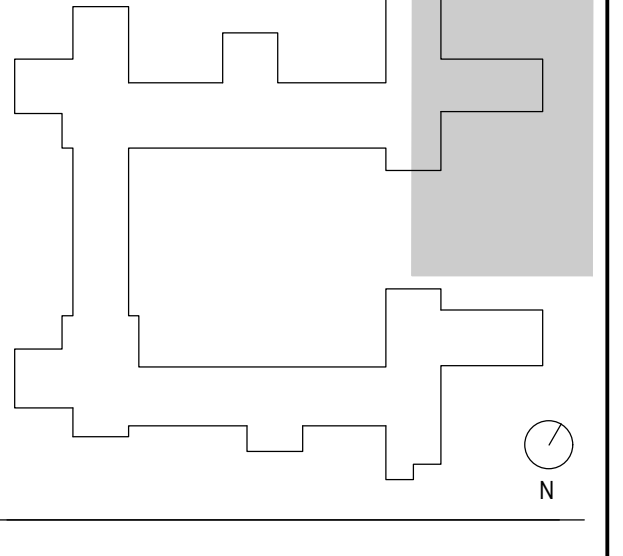
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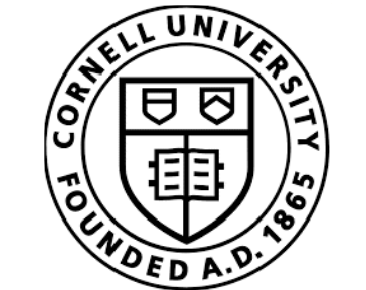
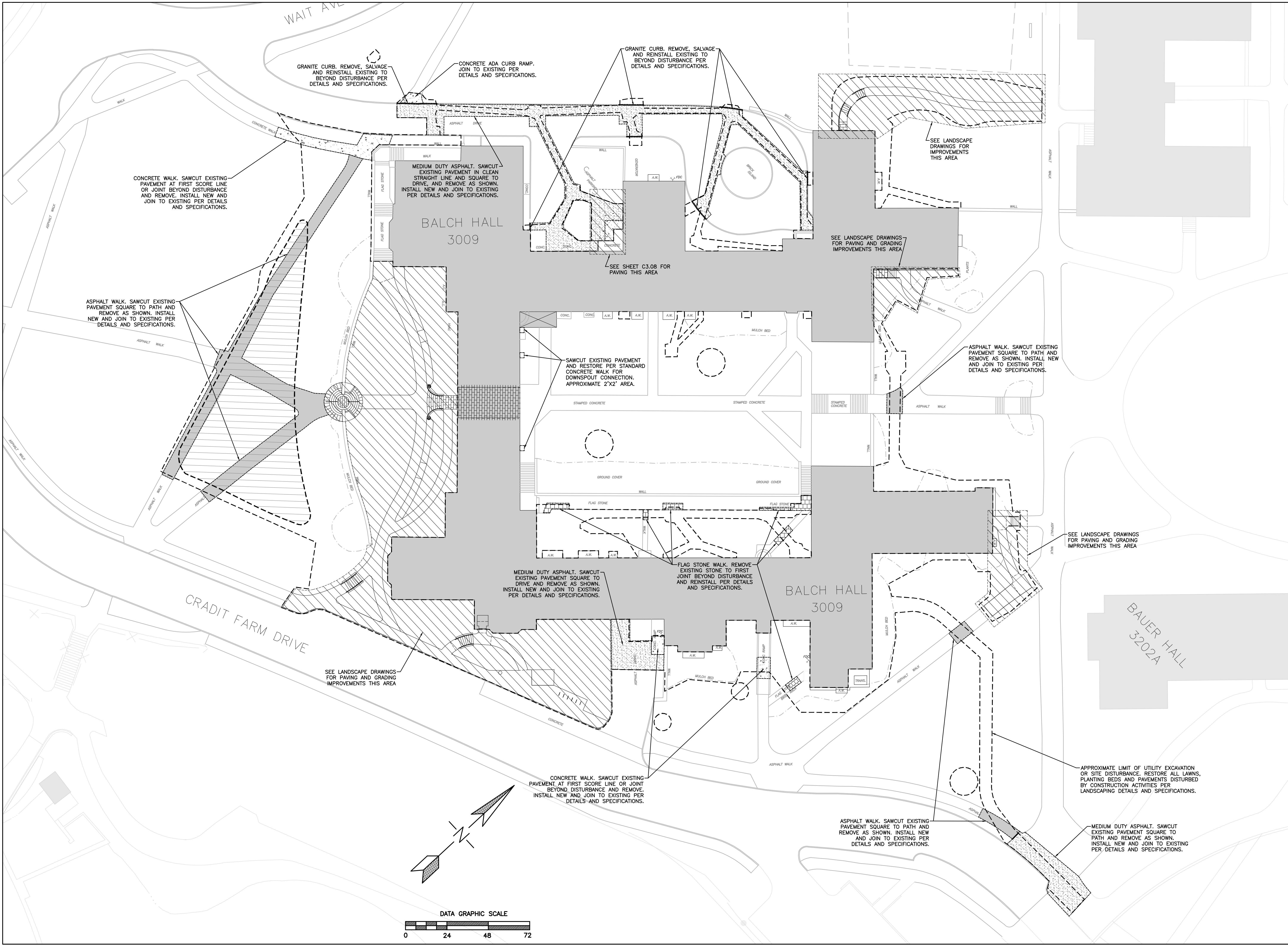
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# C3.06





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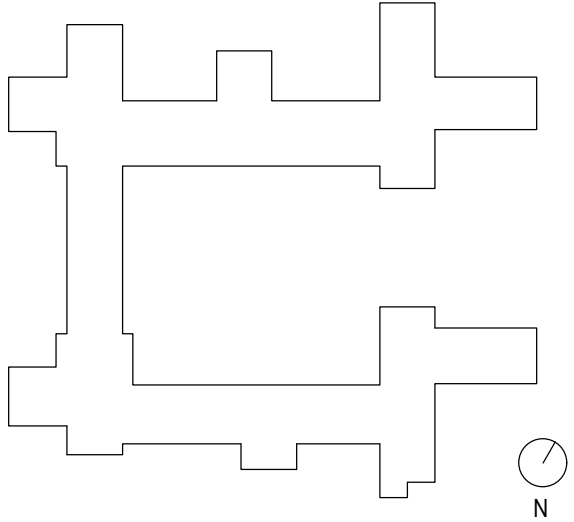
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## SURFACE RESTORATION PLAN

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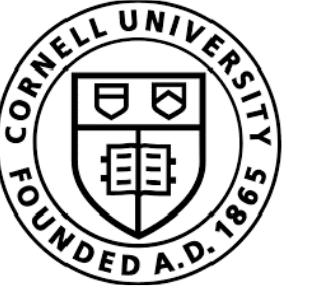
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**C3.07**



**BALCH HALL  
RENOVATION**

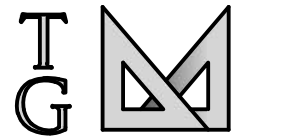
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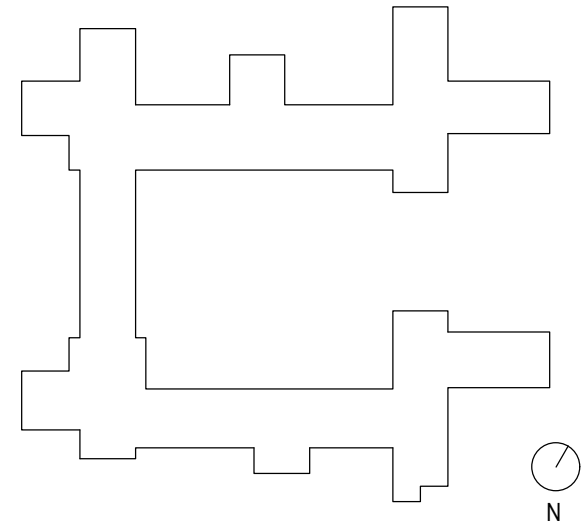
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**ADA PARKING  
PAVING, SIGNAGE  
& MARKINGS PLAN**

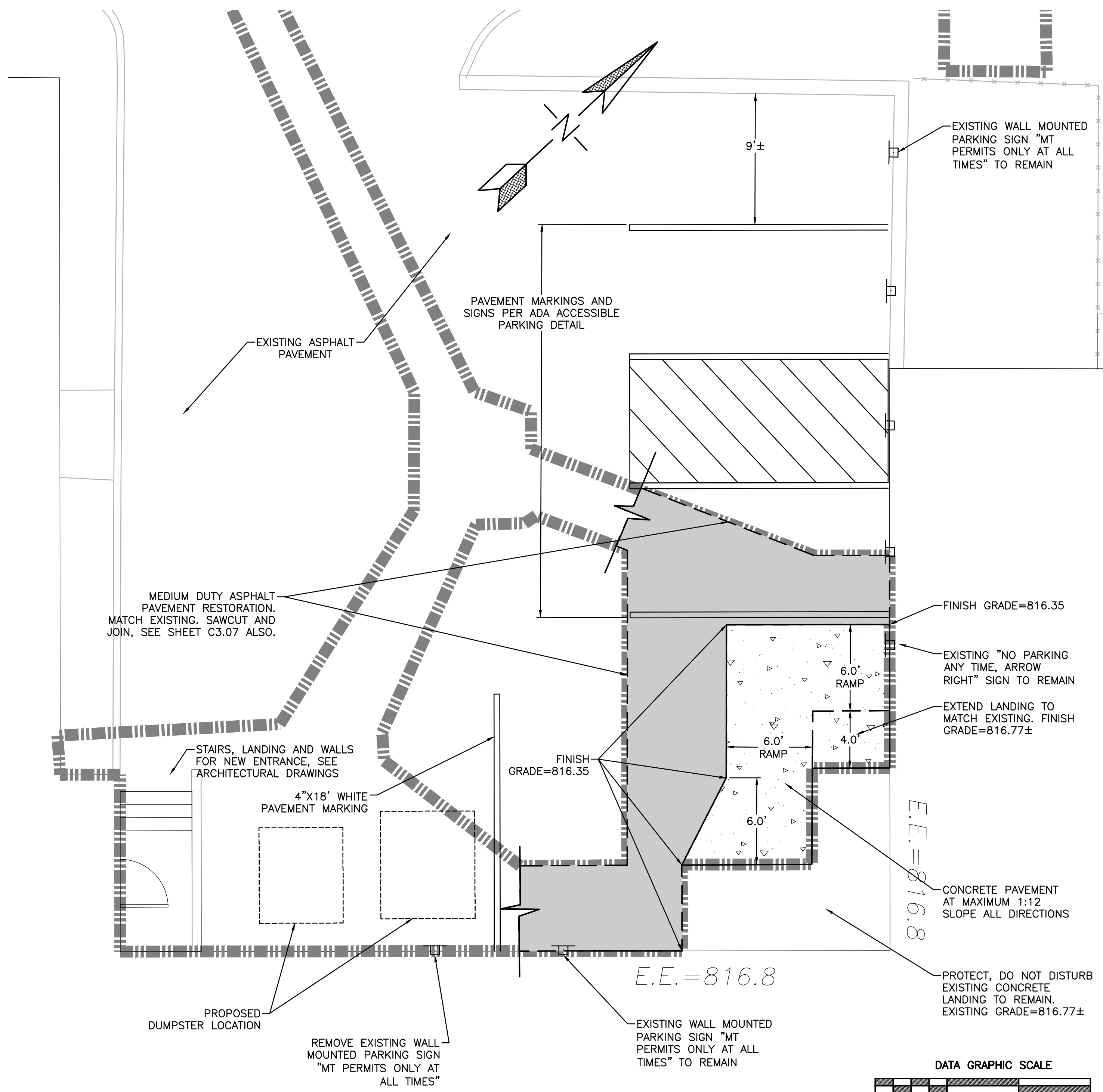
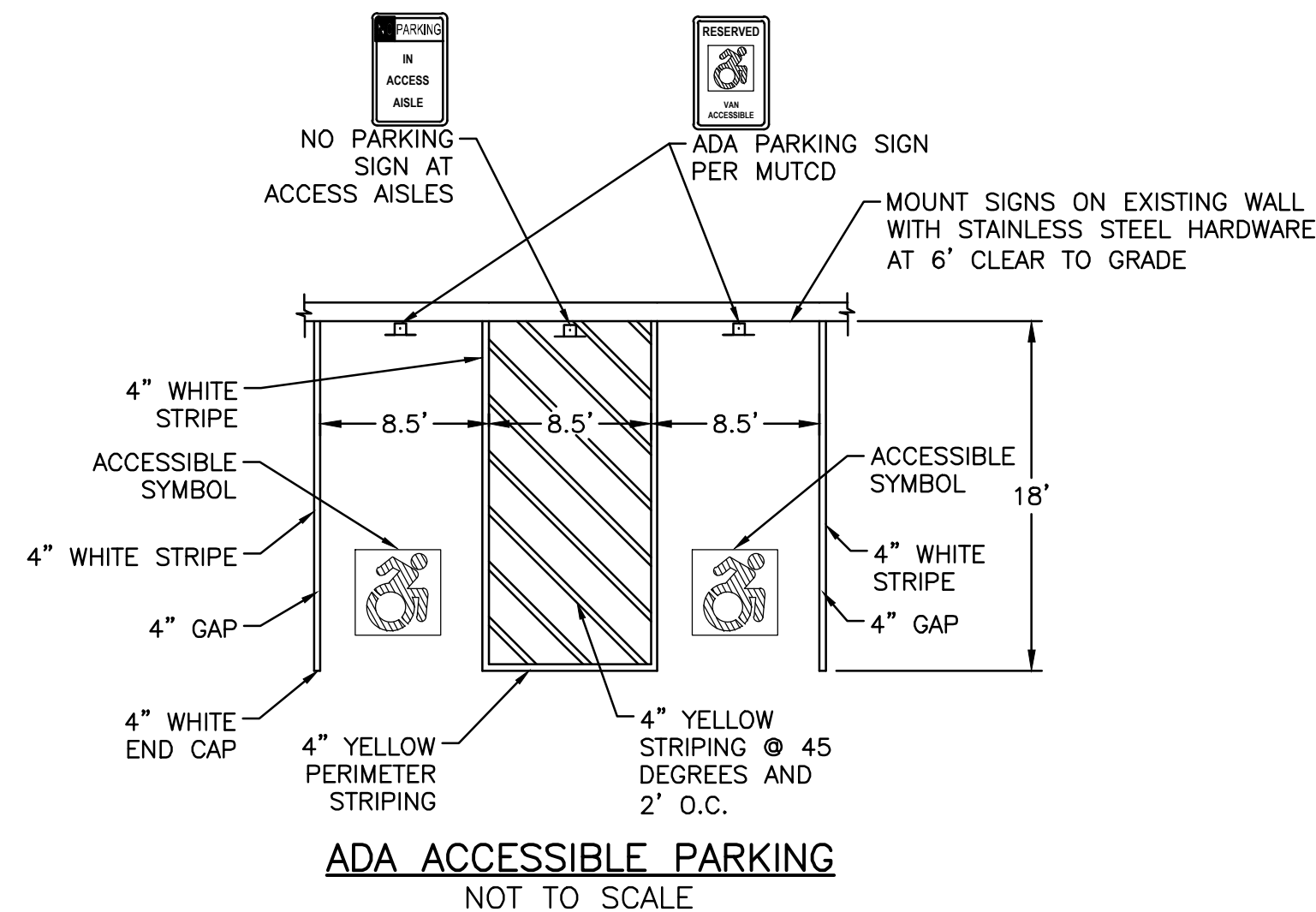
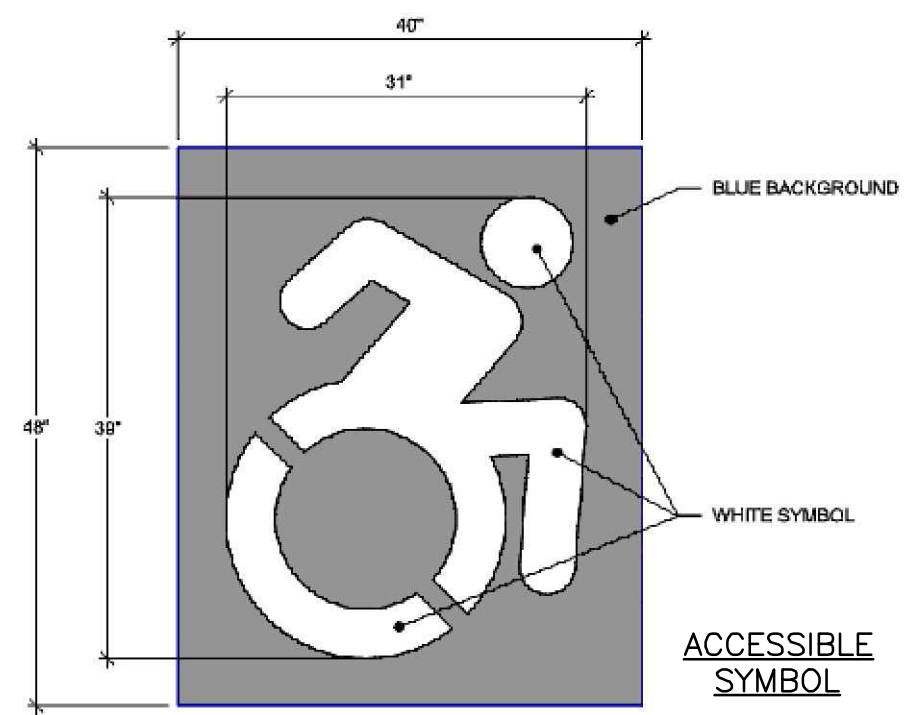
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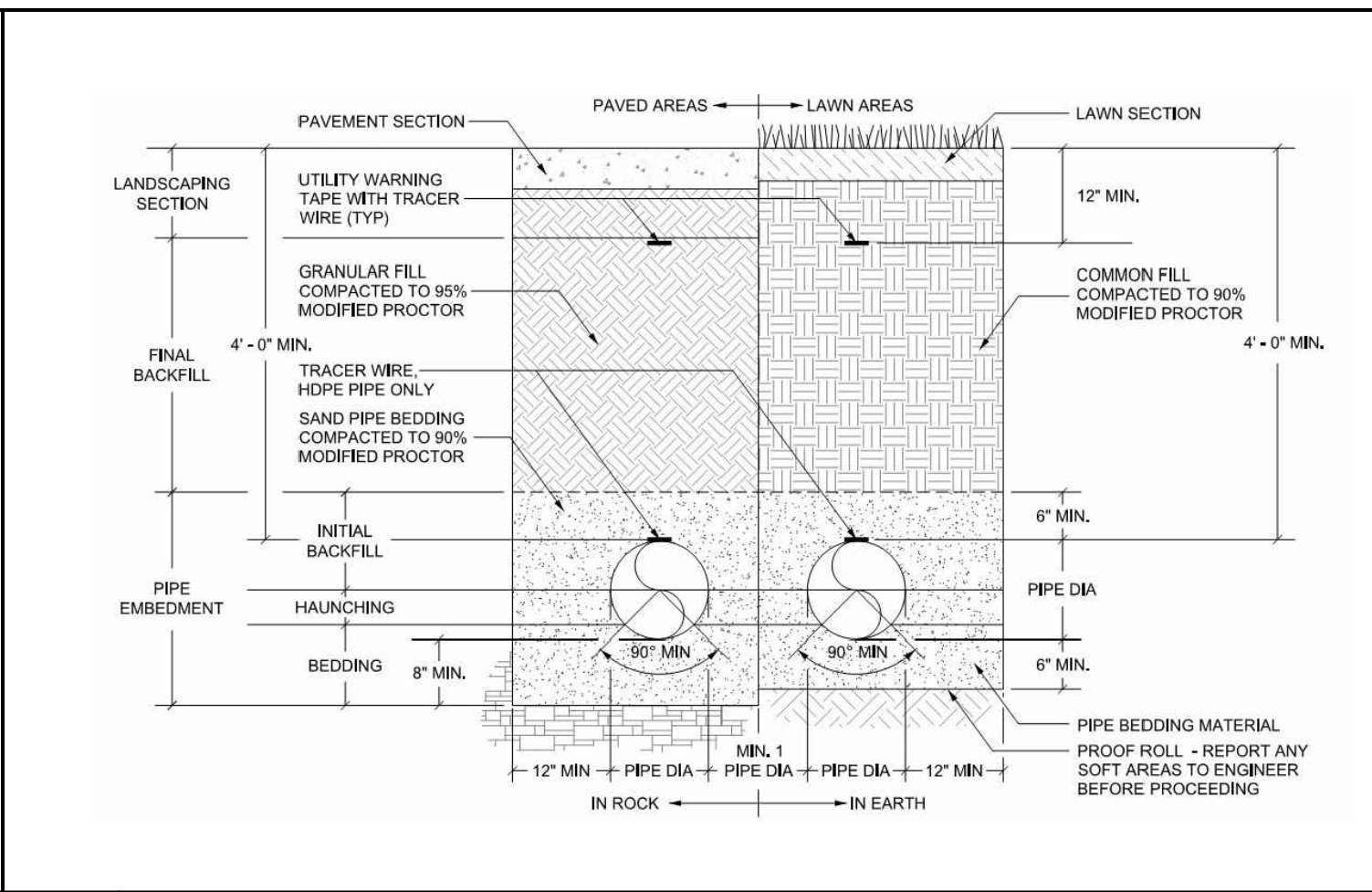
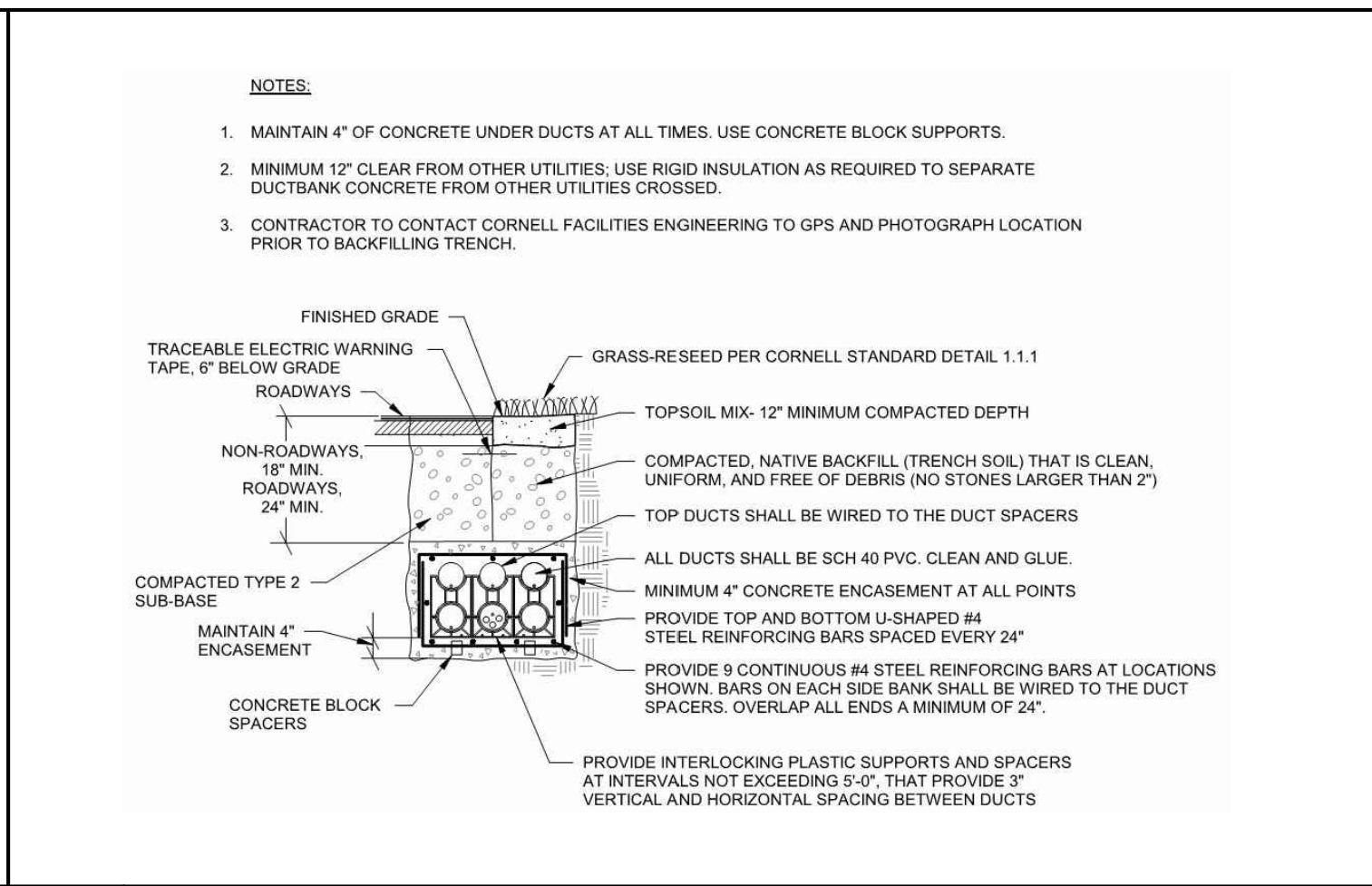
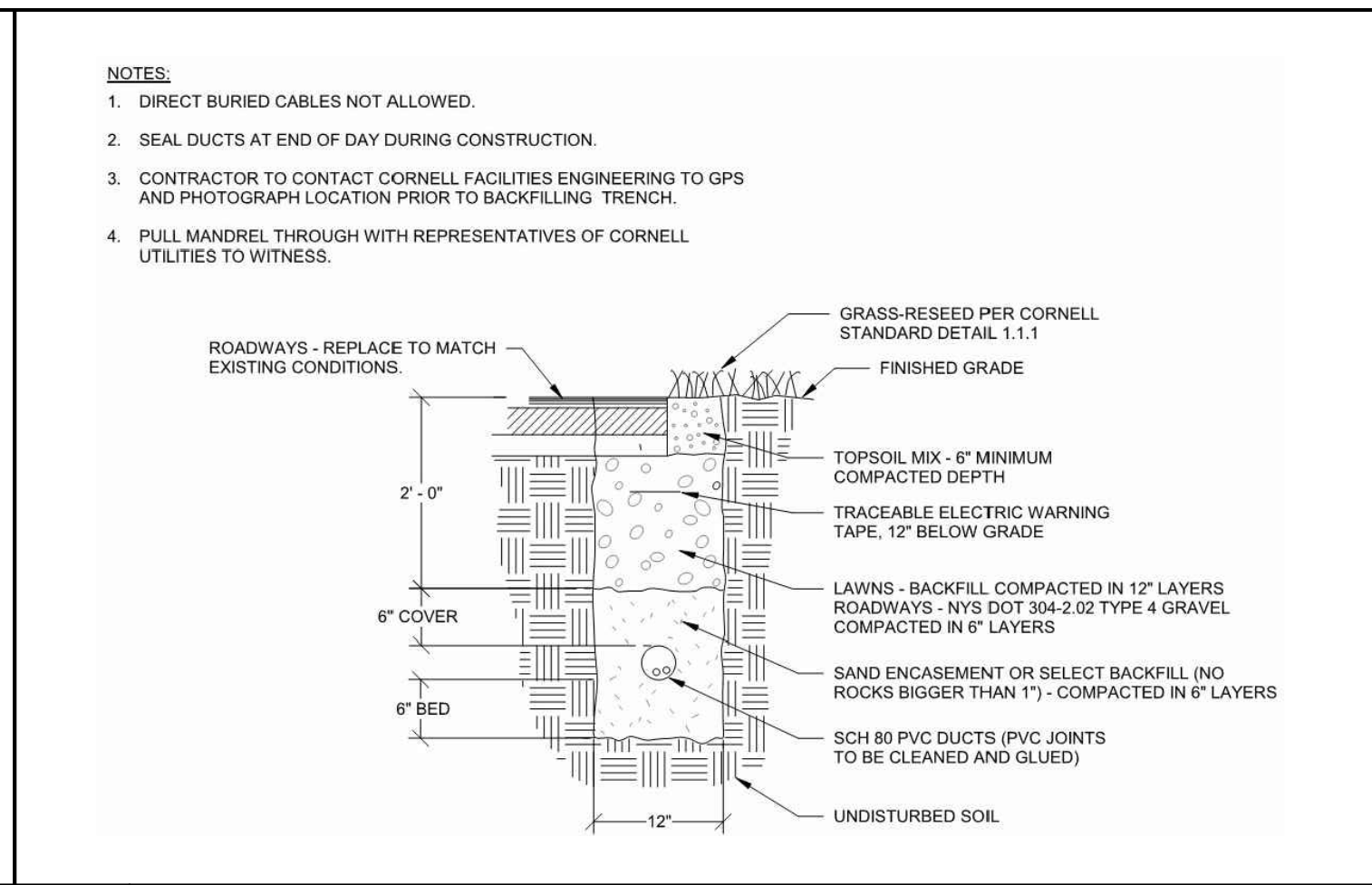
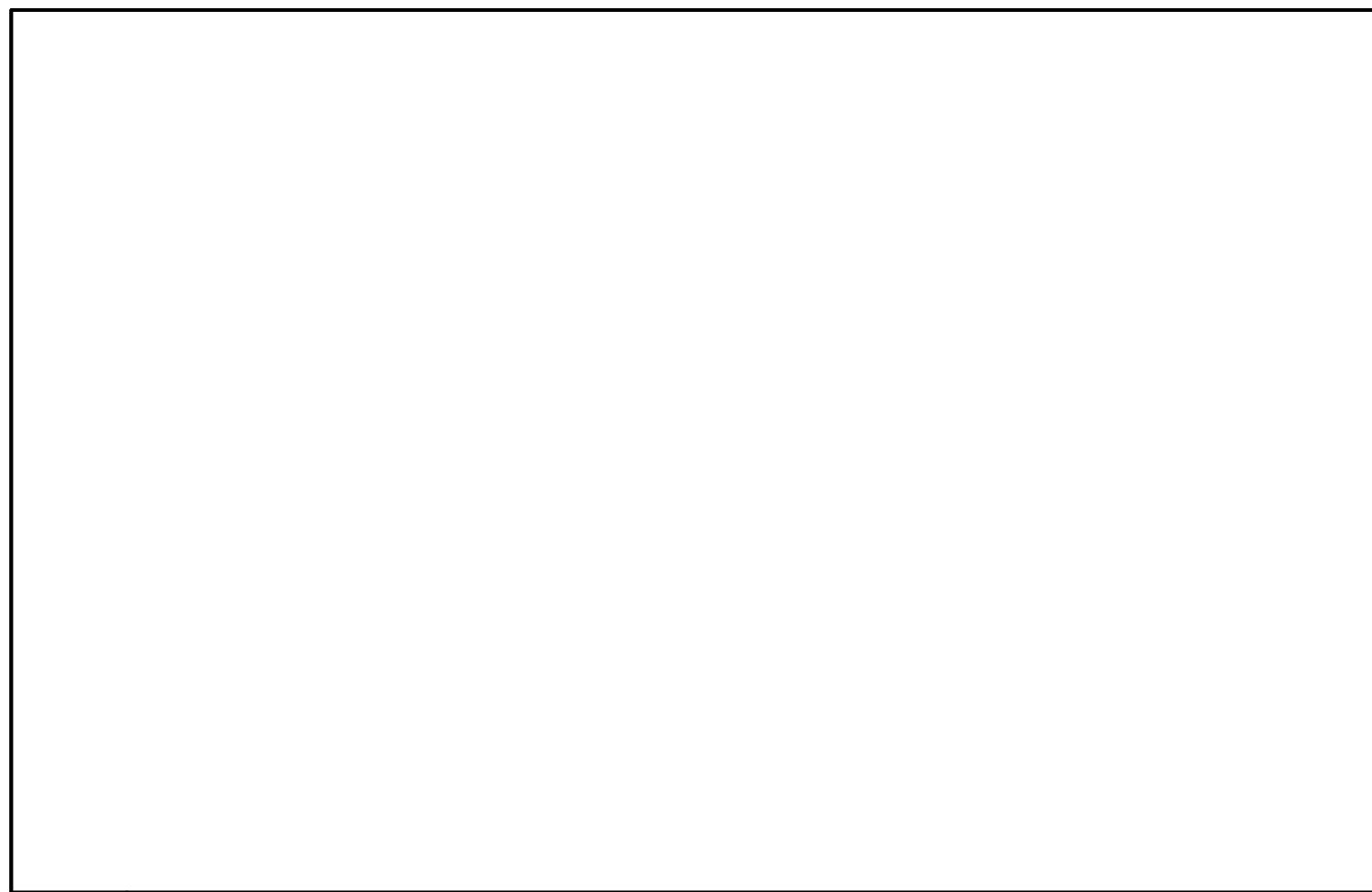
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**1** **DETAIL**  
NOT TO SCALE

**2** **LIGHTING DIRECT BURY CONDUIT**  
NOT TO SCALE

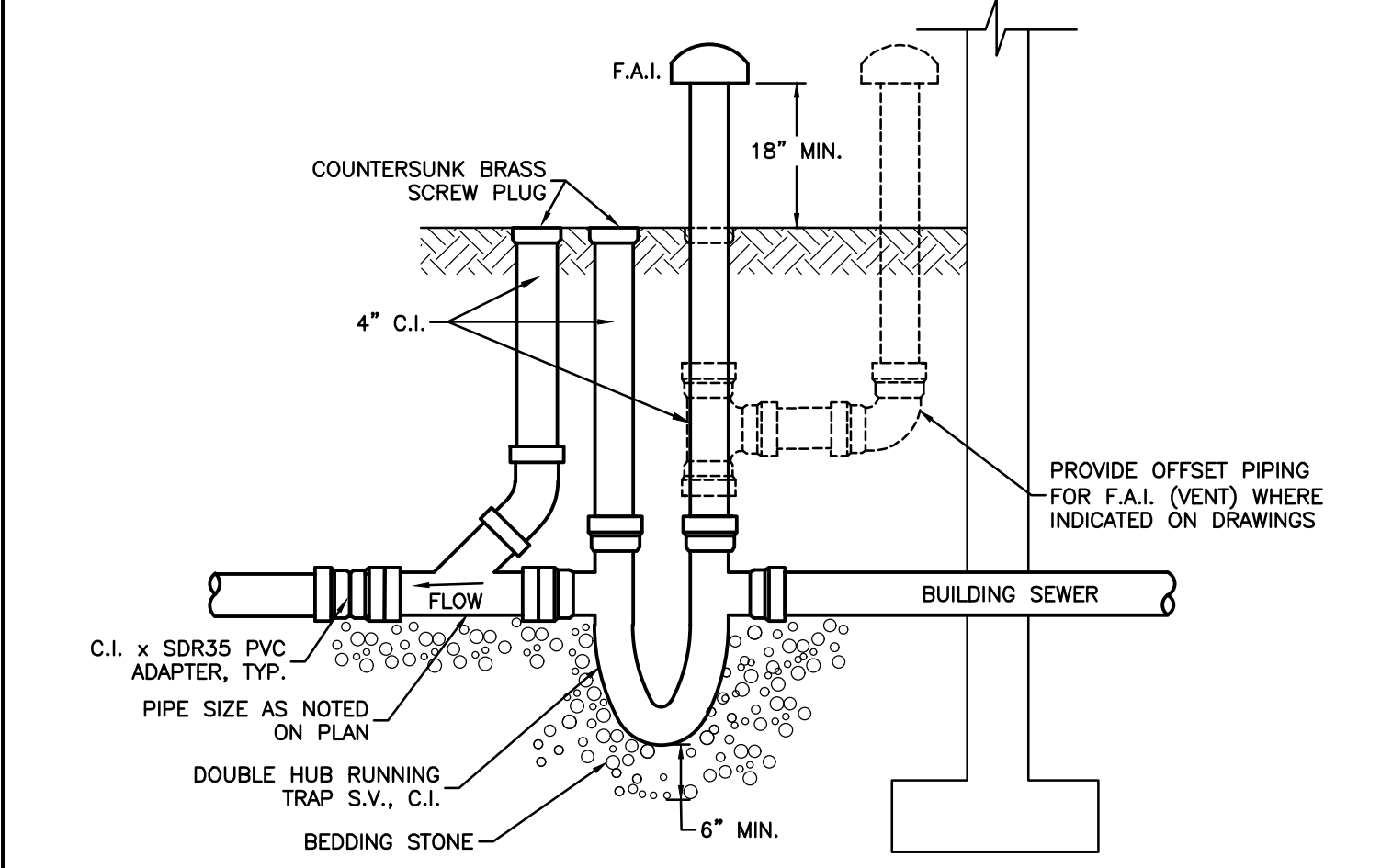
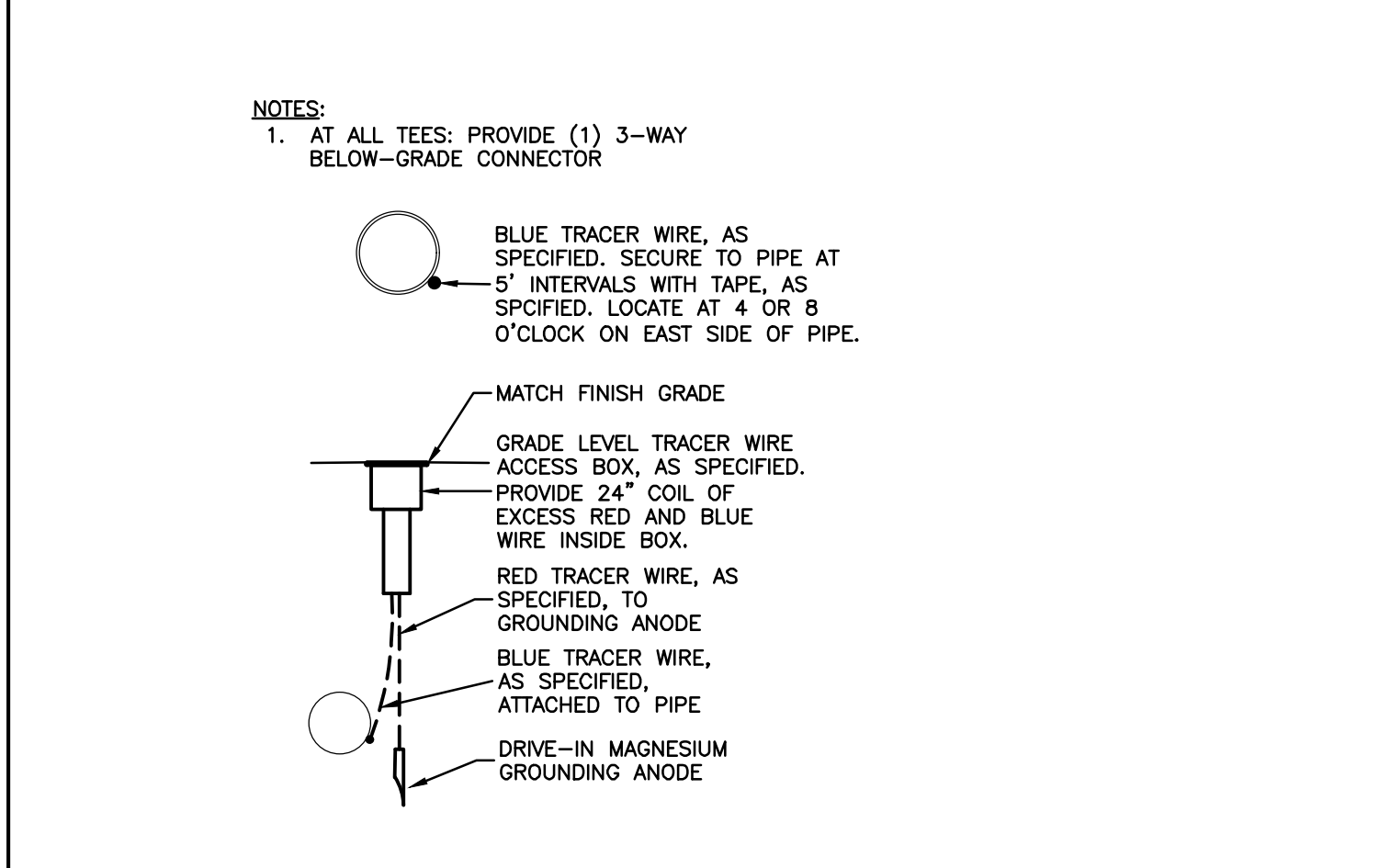
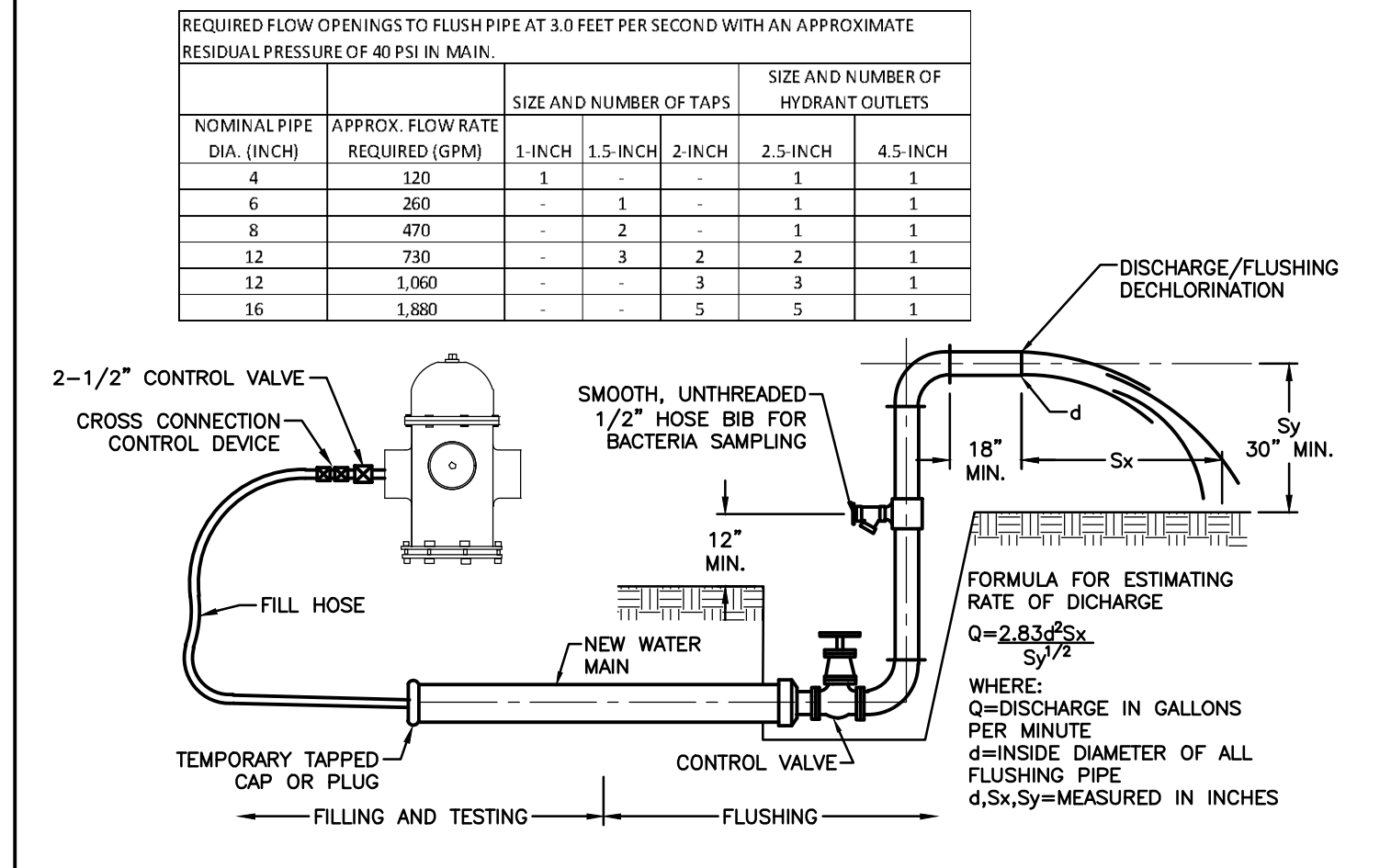
**3** **ELECTRIC DUCT BANK**  
NOT TO SCALE

**4** **CHILLED WATER PIPES**  
NOT TO SCALE

| NOMINAL PIPE DIA. (INCH) | APPROX. FLOW RATE REQUIRED (GPM) | SIZE AND NUMBER OF TAPS | SIZE AND NUMBER OF HYDRANT OUTLETS |
|--------------------------|----------------------------------|-------------------------|------------------------------------|
| 4                        | 120                              | 1 1/2 INCH              | 1 1/2 INCH                         |
| 6                        | 260                              | 2 1/2 INCH              | 2 1/2 INCH                         |
| 8                        | 470                              | 3 1/2 INCH              | 3 1/2 INCH                         |
| 12                       | 730                              | 4 1/2 INCH              | 4 1/2 INCH                         |
| 16                       | 1,060                            | 5 1/2 INCH              | 5 1/2 INCH                         |

**FORMULA FOR ESTIMATING RATE OF DISCHARGE**  
 $Q = 2.83 \cdot d \cdot S_y$

WHERE:  
Q = DISCHARGE IN GALLONS PER MINUTE  
d = INSIDE DIAMETER OF ALL FLUSHING PIPE  
d, S<sub>y</sub> = MEASURED IN INCHES



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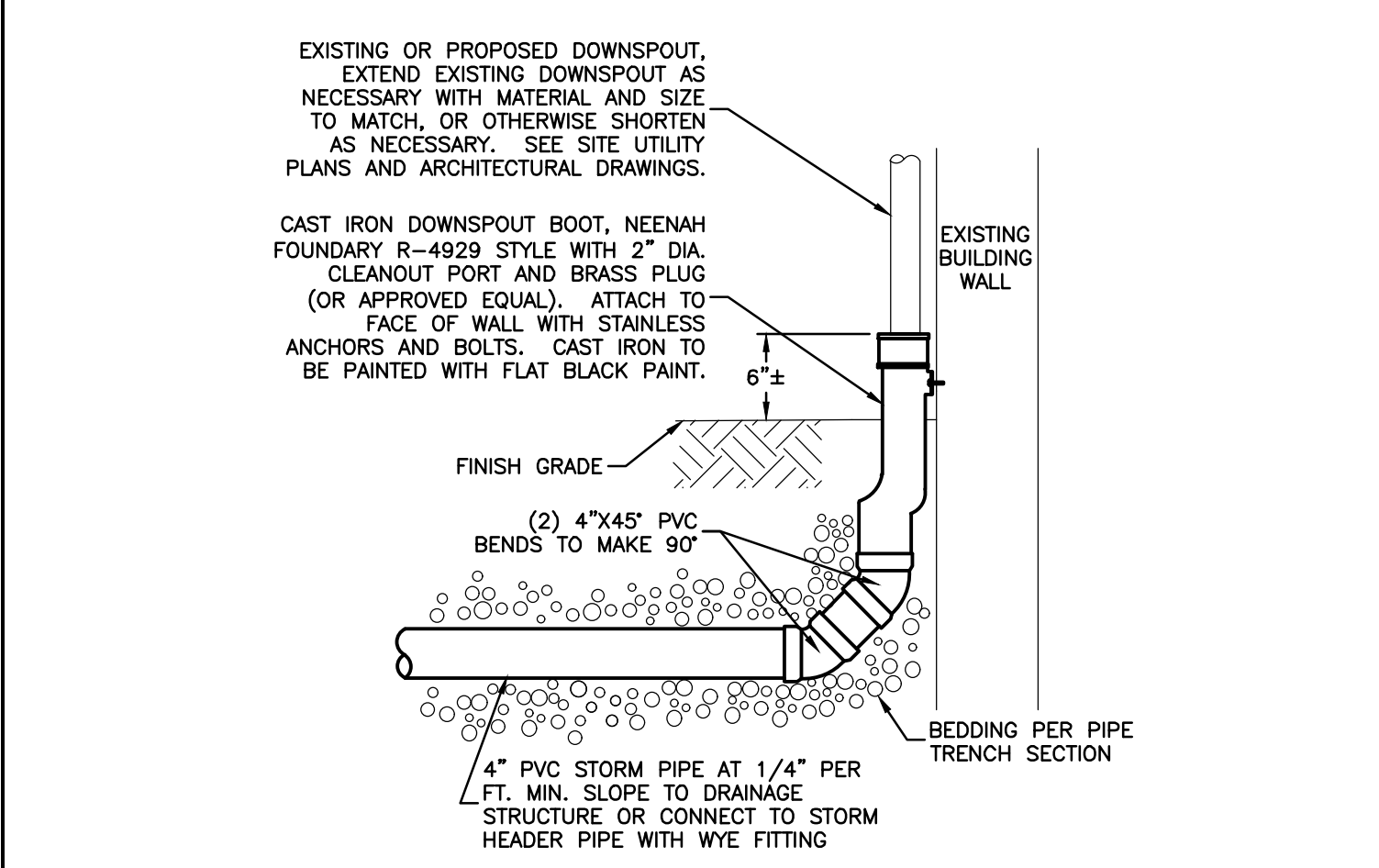
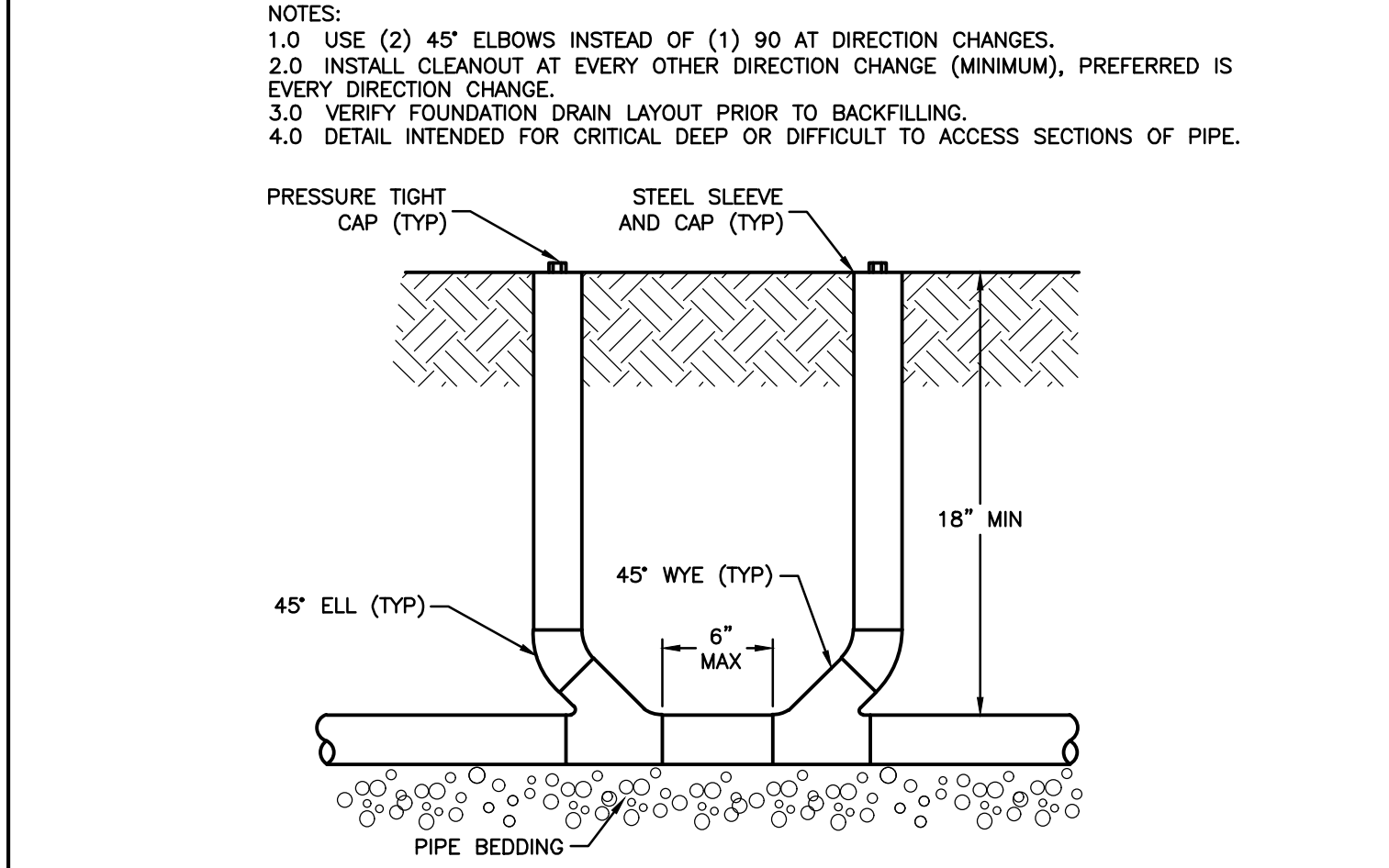
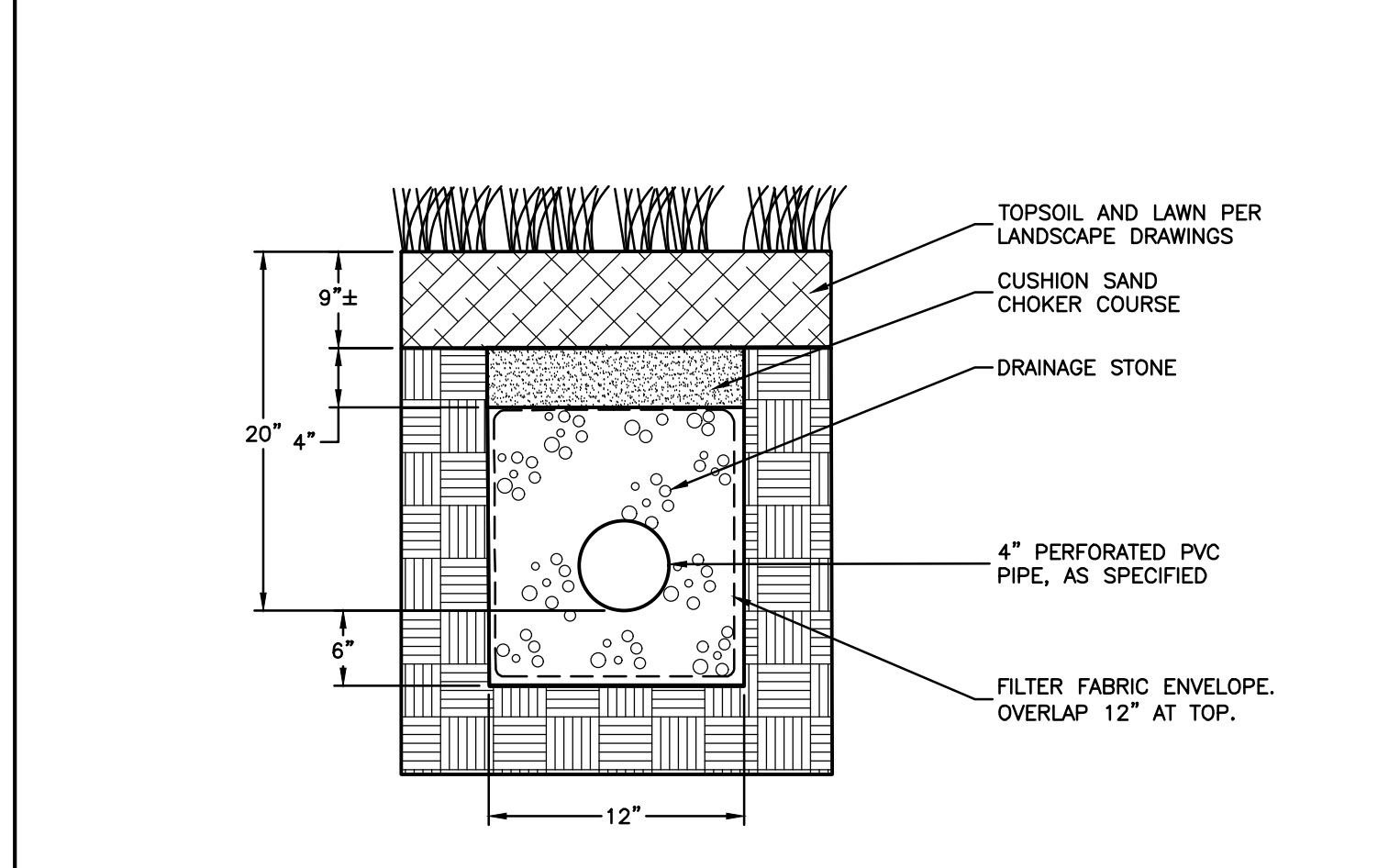
**5** **DETAIL**  
NOT TO SCALE

**6** **WATER SYSTEM TESTING**  
NOT TO SCALE

**7** **UTILITY TRACER WIRE**  
NOT TO SCALE

**8** **SANITARY TRAP**  
NOT TO SCALE

| NO. | DETAIL               | FRAME AND GRATE                  | NOTES                                                                      |
|-----|----------------------|----------------------------------|----------------------------------------------------------------------------|
| 1A  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE O1 BEEHIVE GRATE  |                                                                            |
| 1B  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 1C  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 1D  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 2A  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE | LOW PROFILE, OMIT RESILIENT BOOT AND/OR ADJUST AS NECESSARY                |
| 2B  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE O1 BEEHIVE GRATE  |                                                                            |
| 2C  | PAVEMENT - 13/C4.01  | PER DETAIL                       | LOW PROFILE, OMIT RESILIENT BOOT OR CONCRETE APRON AND ADJUST AS NECESSARY |
| 3A  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 3B  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 3C  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 3D  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 4A  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 4B  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 4C  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 4E  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 4F  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 4G  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 4H  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE M2 FLAT BAR GRATE |                                                                            |
| 5A  | PAVEMENT - 13/C4.01  | PER DETAIL                       |                                                                            |
| 5B  | PAVEMENT - 13/C4.01  | PER DETAIL                       |                                                                            |
| 5C  | PAVEMENT - 13/C4.01  | PER DETAIL                       |                                                                            |
| 5D  | PAVEMENT - 13/C4.01  | PER DETAIL                       |                                                                            |
| 5E  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE O1 BEEHIVE GRATE  |                                                                            |
| 5F  | LANDSCAPE - 14/C4.01 | EJW 1020, TYPE O1 BEEHIVE GRATE  |                                                                            |
| 5G  | PAVEMENT - 13/C4.01  | PER DETAIL                       |                                                                            |



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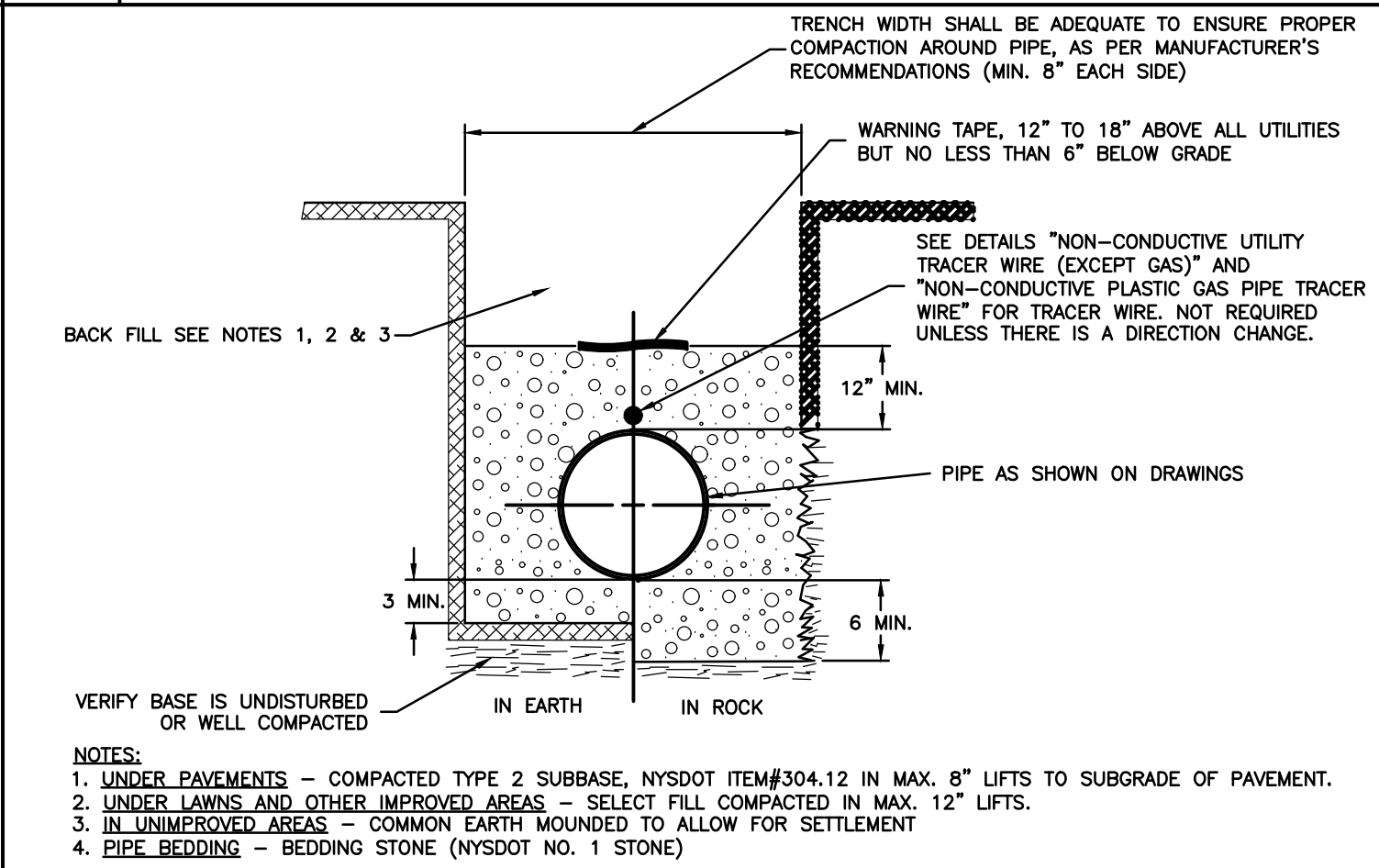
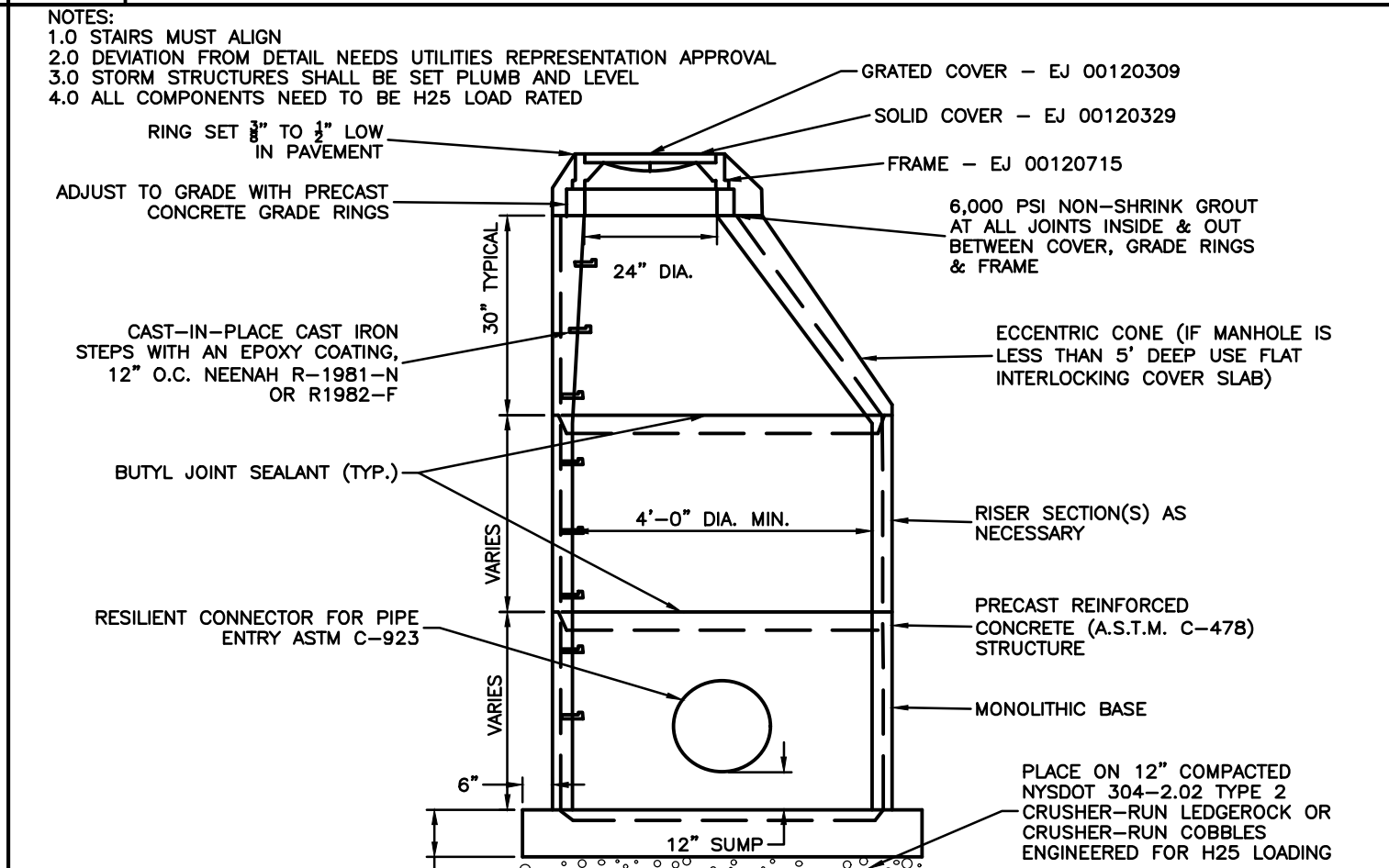
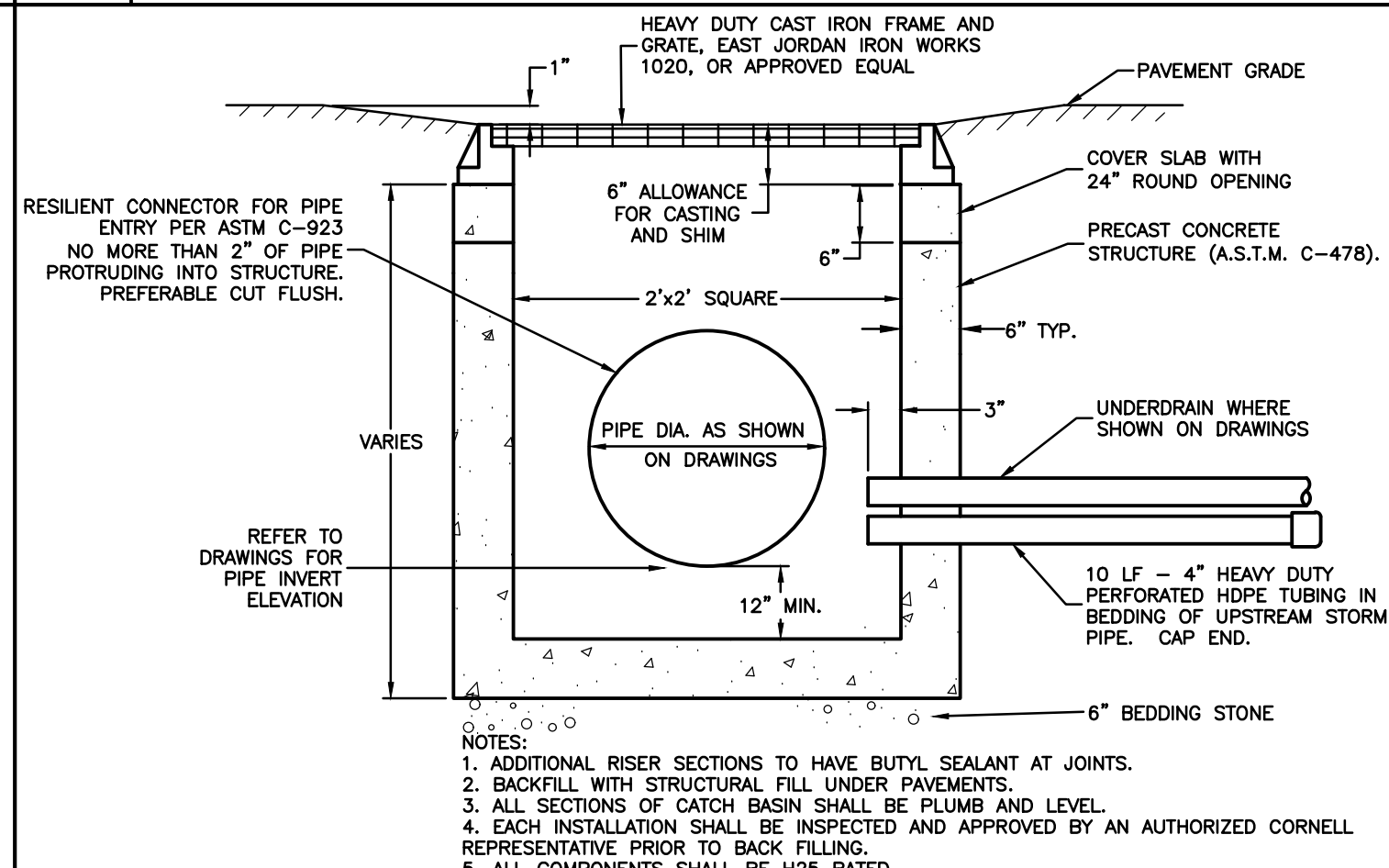
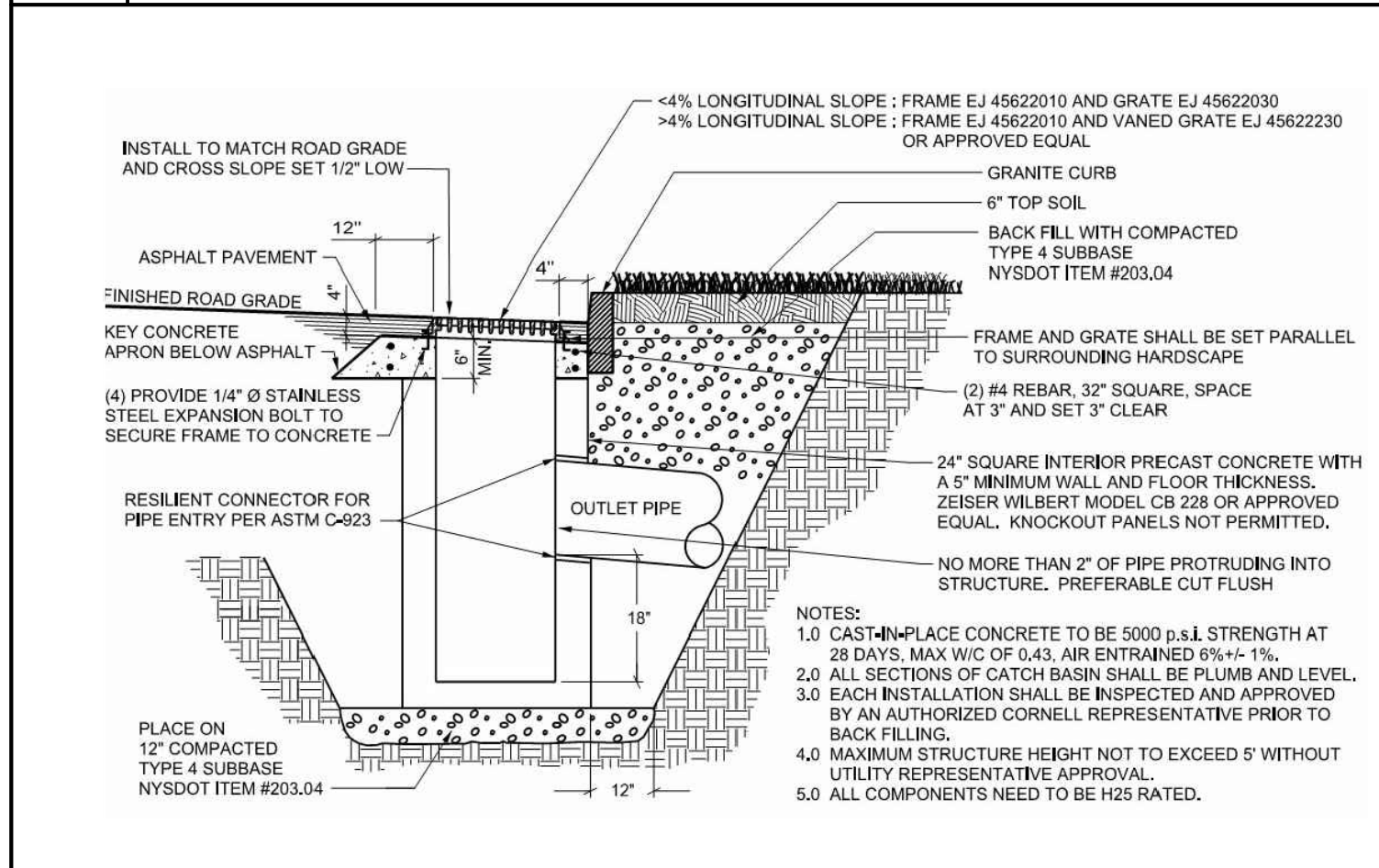
ISSUED: 11/05/2021

**9** **DRAINAGE INLET SCHEDULE**  
NOT TO SCALE

**10** **LAWN UNDERDRAIN**  
NOT TO SCALE

**11** **FOUNDATION DRAINS**  
NOT TO SCALE

**12** **DOWNSPOUT CONNECTION**  
NOT TO SCALE



ISSUE

**SITE UTILITY DETAILS**

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GOODY CLANCY PROJECT NUMBER: 07400 TGM: E18-42  
FILE NAME:

DRAWN: FLS DATE: 11/05/2021  
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DRAWING NO.:

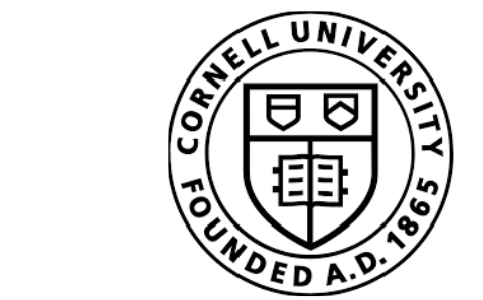
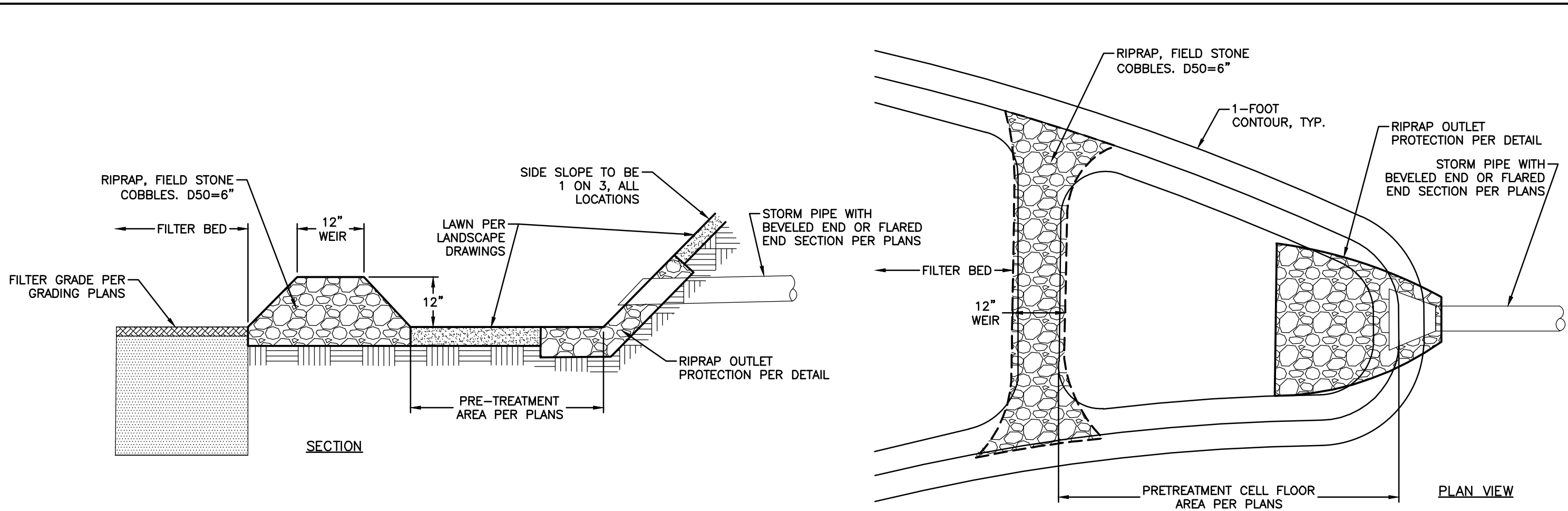
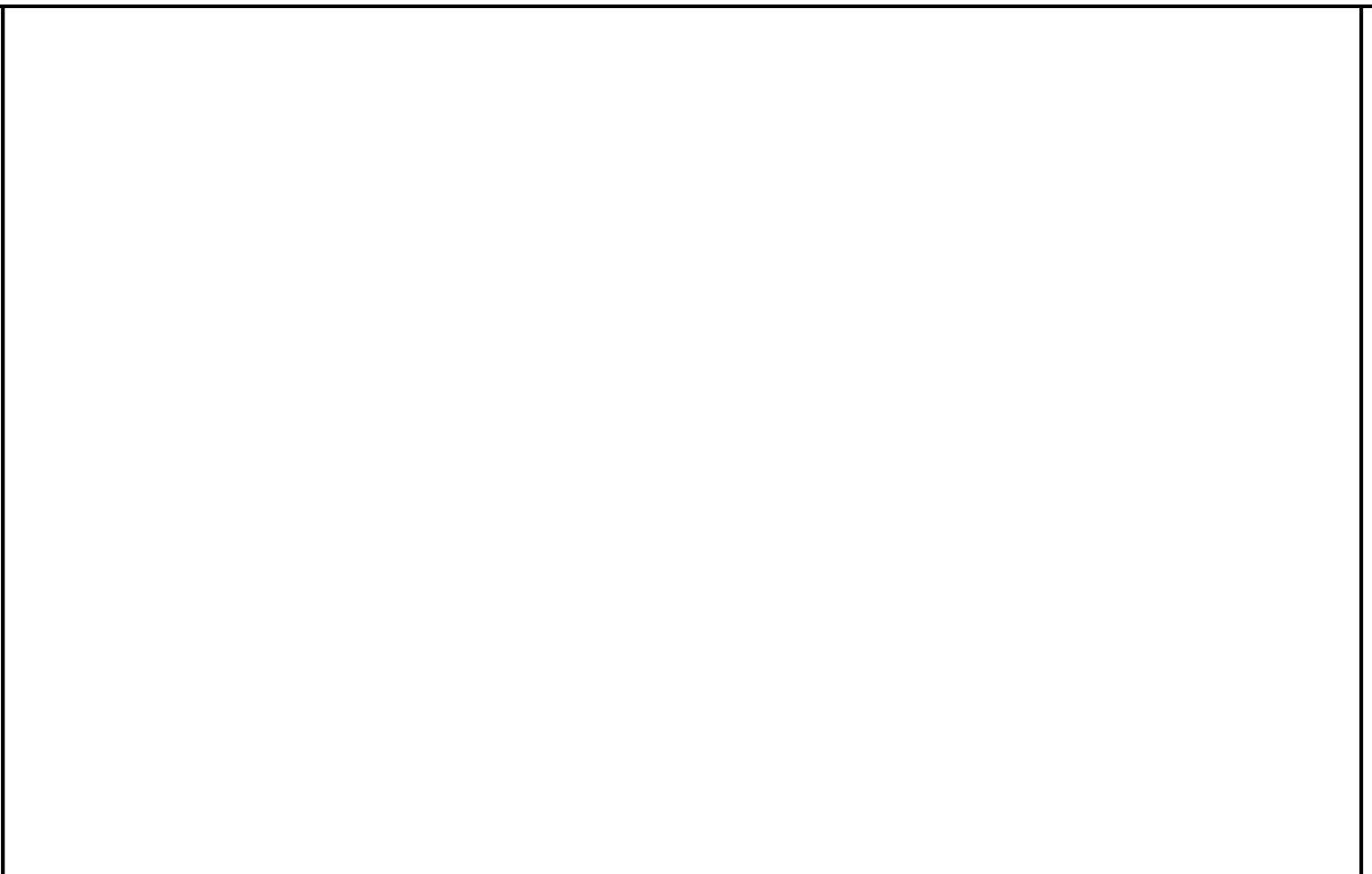
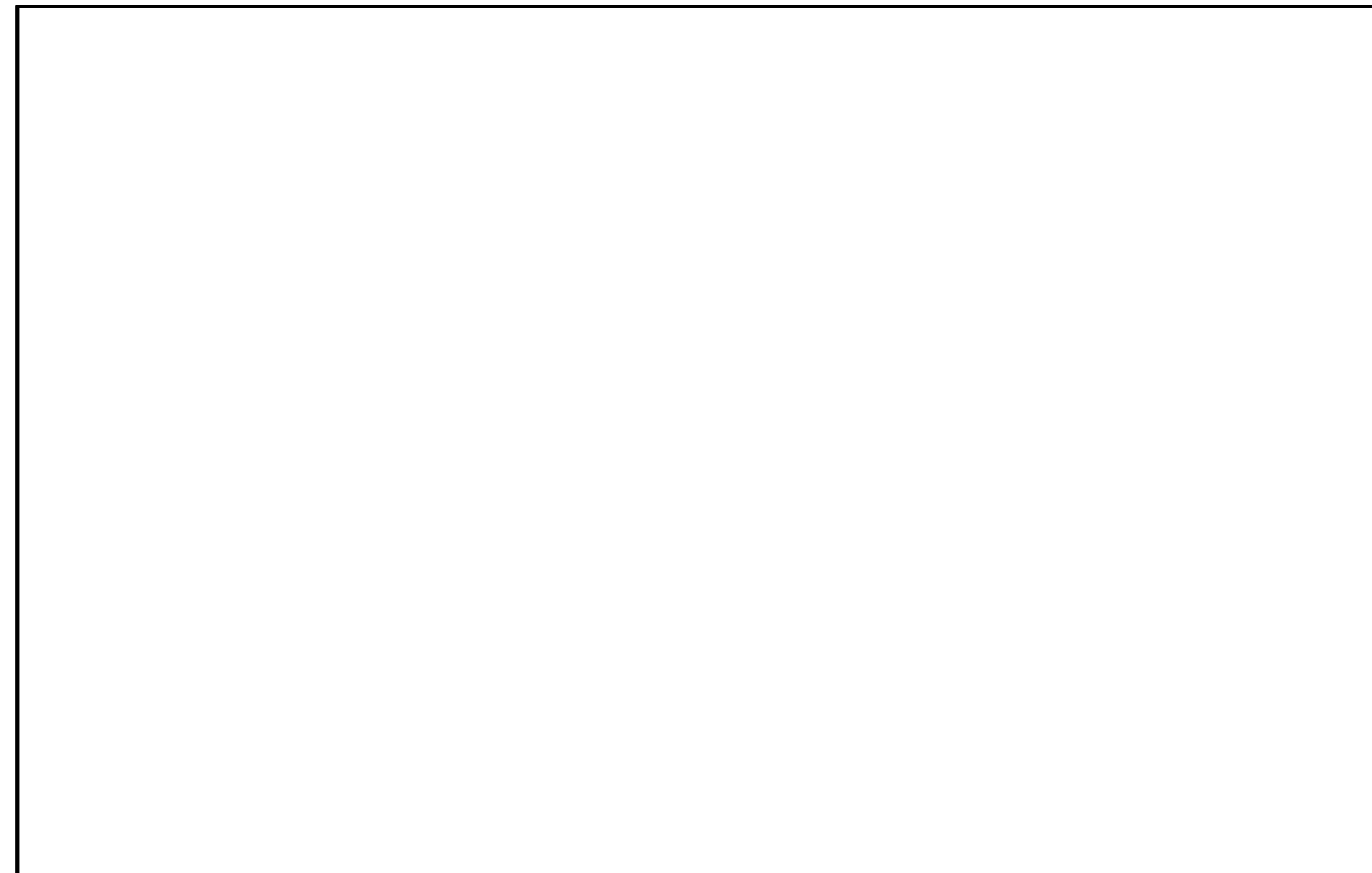
**13** **DRAINAGE INLET IN PAVEMENT**  
NOT TO SCALE

**14** **DRAINAGE INLET IN LAWN/LANDSCAPE**  
NOT TO SCALE

**15** **STORM MANHOLE**  
NOT TO SCALE

**16** **PIPE TRENCH**  
NOT TO SCALE

**C4.01**



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|   |               |
|---|---------------|
| 1 | <b>DETAIL</b> |
|   | NOT TO SCALE  |

|   |               |
|---|---------------|
| 2 | <b>DETAIL</b> |
|   | NOT TO SCALE  |

|   |                                     |
|---|-------------------------------------|
| 3 | <b>FOREBAY (PRE-TREATMENT CELL)</b> |
|   | NOT TO SCALE                        |

|   |               |
|---|---------------|
| 5 | <b>DETAIL</b> |
|   | NOT TO SCALE  |

**NOTES:**

**PLANTING SOIL MIXTURE:**  
SOIL MIXTURE SHALL BE A UNIFORM BLEND OF THE FOLLOWING BY WEIGHT:  
- TOPSOIL: 1 PART  
- SAND: 1 TO 3 PARTS  
- COMPOST: 0 TO 1 PART  
A. SAND: ASTM C33 WITH EFFECTIVE SIZE OF 0.25MM TO 1.0MM AND UNIFORMITY COEFFICIENT LESS THAN OR EQUAL TO 4. ALL SAND TO PASS THE 1/4-INCH SIEVE.  
B. TOPSOIL: AS SPECIFIED.  
C. COMPOST: AS SPECIFIED.

**CHEMICAL CHARACTERISTICS OF TOPSOIL (ASTM D5268):**  
CORRECTED PH: 5.5-7.4  
MAGNESIUM: MINIMUM 32 PPM  
PHOSPHORUS (AS P205): NOT TO EXCEED 69 PPM  
POTASSIUM (K2O): MINIMUM 78 PPM  
SOLUBLE SALTS: NOT TO EXCEED 500 PPM

**RESULTANT PLANTING SOIL:**  
TEXTURE: ASTM C136 SIEVE SIZE (MIN. % PASSING BY WEIGHT):  
1. SAND (0.075-2.0 MM): 75%-85%  
2. FINES (<0.075 MM): 15%-25%  
3. NO. 4: 100%

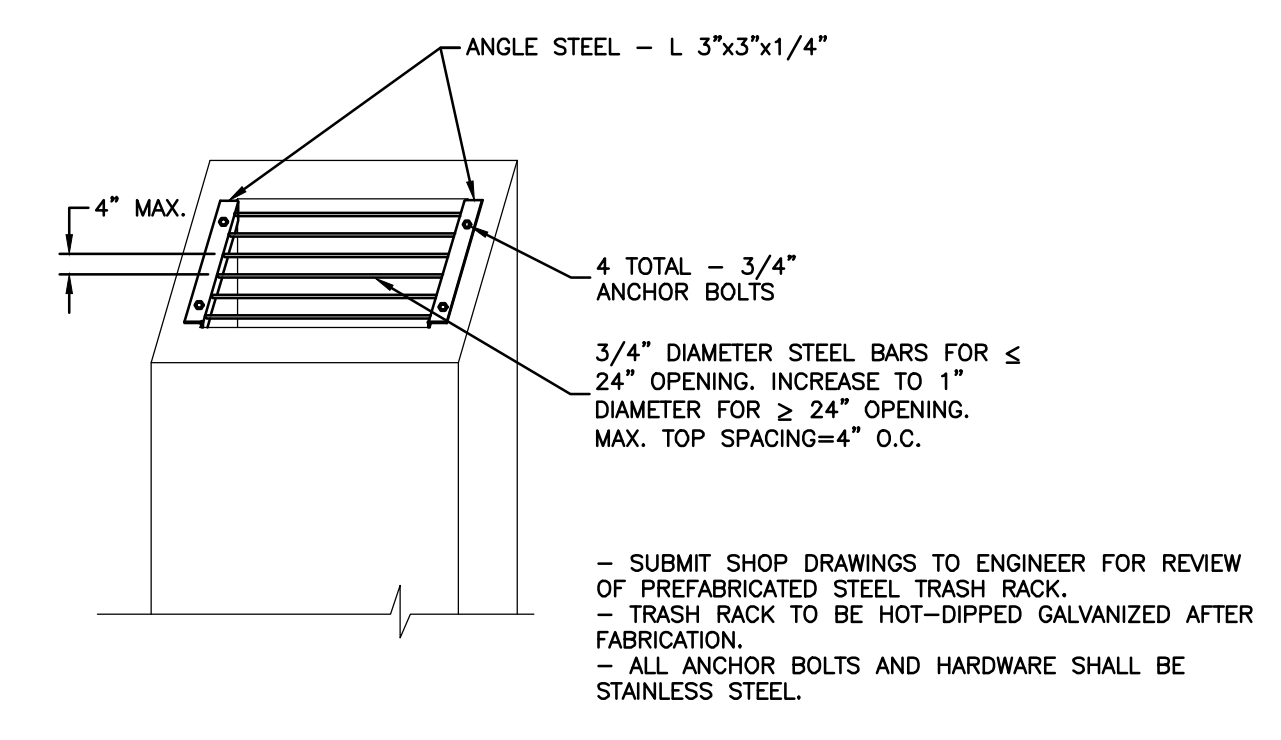
ORGANIC MATTER: 3%-5%  
PHOSPHORUS INDEX: <30

**MULCH LAYER: (ABOVE SOIL MIXTURE):**  
1. SHREDDED 2X HARDWOOD MULCH

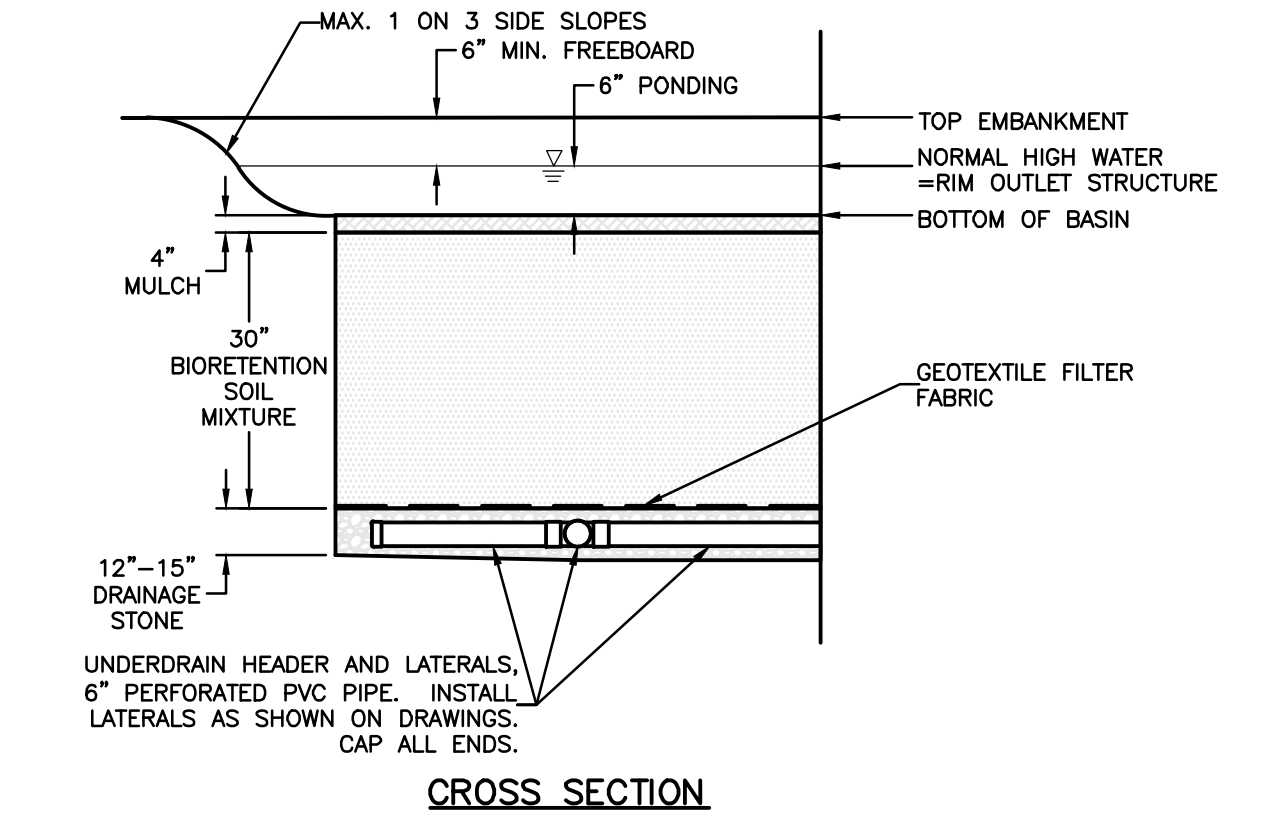
**CONSTRUCTION NOTES:**  
1. NO CONSTRUCTION EQUIPMENT OR HEAVY MATERIALS SHALL BE PLACED ON THE BIORETENTION SOIL DURING AND FOLLOWING CONSTRUCTION. SOIL SHALL BE PLACED FROM OUTSIDE THE FILTER BED OR BY HAND.  
2. THE PLANTING SOIL SHALL BE COMPOSED MATERIALS MEETING THE SPECIFICATIONS OF PLANTING SOILS OUTLINED ABOVE.  
3. THE SOIL SHALL BE INSTALLED IN MAXIMUM 12" LIFTS WITH LOW PRESSURE EQUIPMENT, AND COMPACTED BY SATURATING SOILS OF EACH LIFT UNTIL WATER FLOWS THROUGH THE UNDERDRAIN.  
4. PRIOR TO ESTABLISHING VEGETATION, ENSURE THE FILTRATION RATE OF PLACED SOIL BY FLOODING THE FILTER BED AND ENSURING THAT THE FILTER DRAINS WITHIN 24 HOURS.  
5. NO FLOW SHALL BE DIRECTED TO THE FILTER UNTIL CONTRIBUTING SOILS ARE STABILIZED AND MULCH AND PLANTINGS WITHIN THE FILTER BASIN HAVE BEEN INSTALLED.  
6. PROVIDE LAB TEST RESULTS OF PLANTING SOIL MIXTURE AND OBTAIN APPROVAL PRIOR TO PLACEMENT.

**SOIL EXPLORATION - SEPARATION TO GROUNDWATER:**  
1. FILTER PRACTICES SHALL BE INSTALLED WITH A MINIMUM 24" SEPARATION TO NORMAL HIGH GROUNDWATER. IF SEPARATION IS LESS THAN MINIMUM, THE PRACTICE SHALL BE EQUIPPED WITH AN IMPERMEABLE LINER.  
2. PERFORM TEST DIG EXPLORATIONS PRIOR TO INSTALLING FILTER AND UNDERDRAIN SYSTEM FOR DETERMINATION OF NORMAL HIGH GROUNDWATER LEVEL BELOW PRACTICE.  
3. EXPLORATIONS TO BE PERFORMED WHERE DIRECTED BY ENGINEER OR GEOTECHNICAL CONSULTANT.  
4. PERFORM DIGS TO A MINIMUM 30" BELOW SUBGRADE OF PRACTICE.  
5. PROVIDE IMPERMEABLE BARRIER LINING FOR PRACTICES WHEN DIRECTED BY ENGINEER OR GEOTECHNICAL CONSULTANT.

**SURVEY INFORMATION:**  
PROVIDE TO OWNER AND ALL MS4'S AS-CONSTRUCTED SURVEY INFORMATION OF THE STORMWATER PRACTICES BY A LICENSED SURVEYOR INCLUDING THE FOLLOWING:  
1. ELEVATIONS OF ALL EMBANKMENT CRESTS, WEIRS, RIMS, AND PIPE INVERTS.  
2. 1' CONTOURS WITHIN FOOTPRINT OF PRACTICE.  
3. ELEVATIONS OF FILTER BED SURFACES.

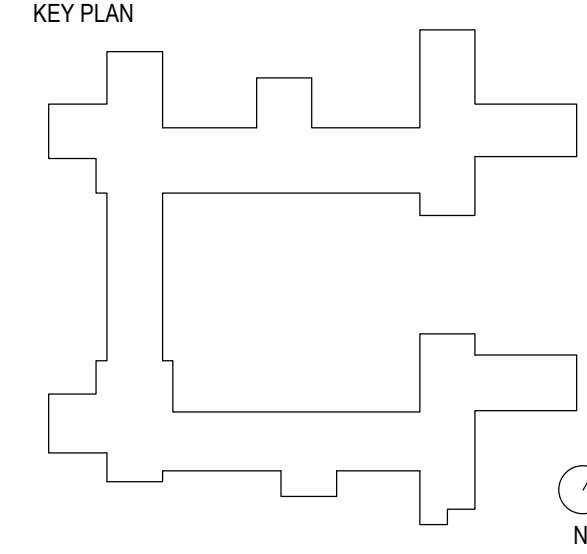


**NOTES:**  
1. DO NOT INSTALL UNDERDRAIN, PLANTING SOIL AND MULCH UNTIL ALL CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED.  
2. PLACE PLANTING SOIL IN 12" LIFTS OR GREATER. COMPACT SOILS BY SATURATING EACH LAYER WITH WATER UNTIL WATER FLOWS THROUGH THE UNDERDRAIN. DO NOT COMPACT WITH VIBRATORY OR HEAVY EQUIPMENT. FINISH GRADING OF MATERIAL BY HAND.  
3. DO NOT STORE EQUIPMENT OR MATERIALS WITHIN BIORETENTION BASIN.



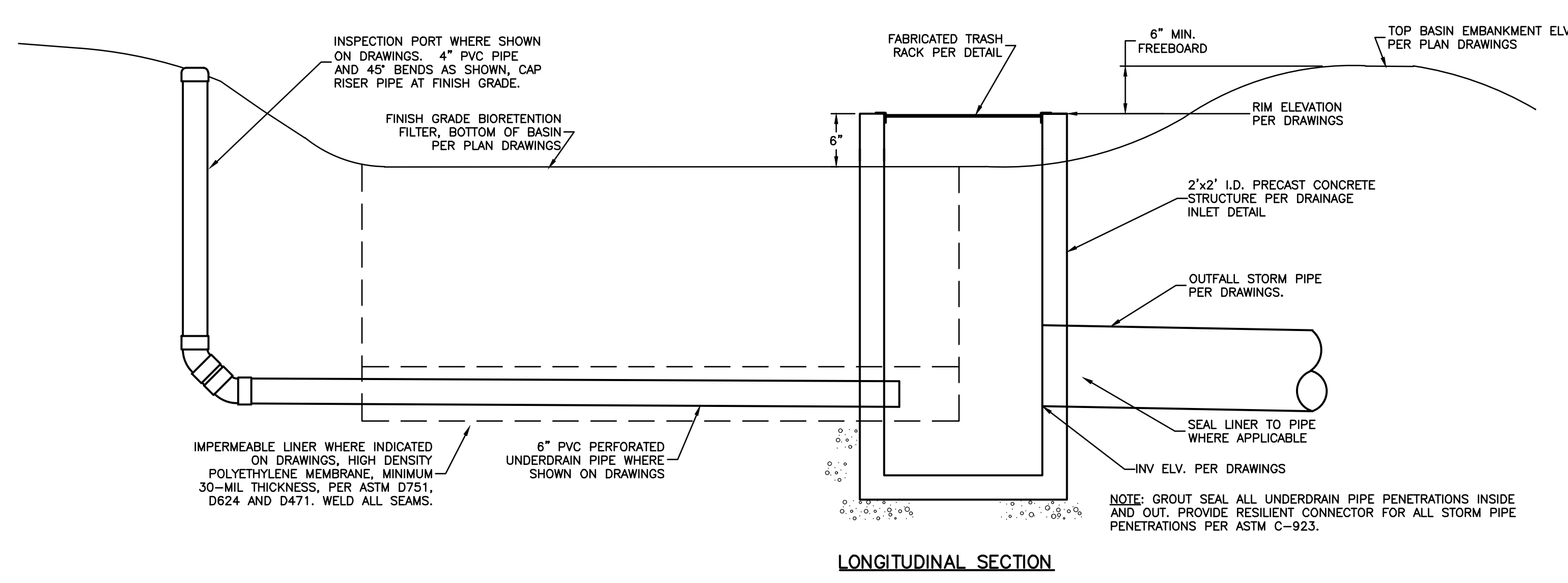
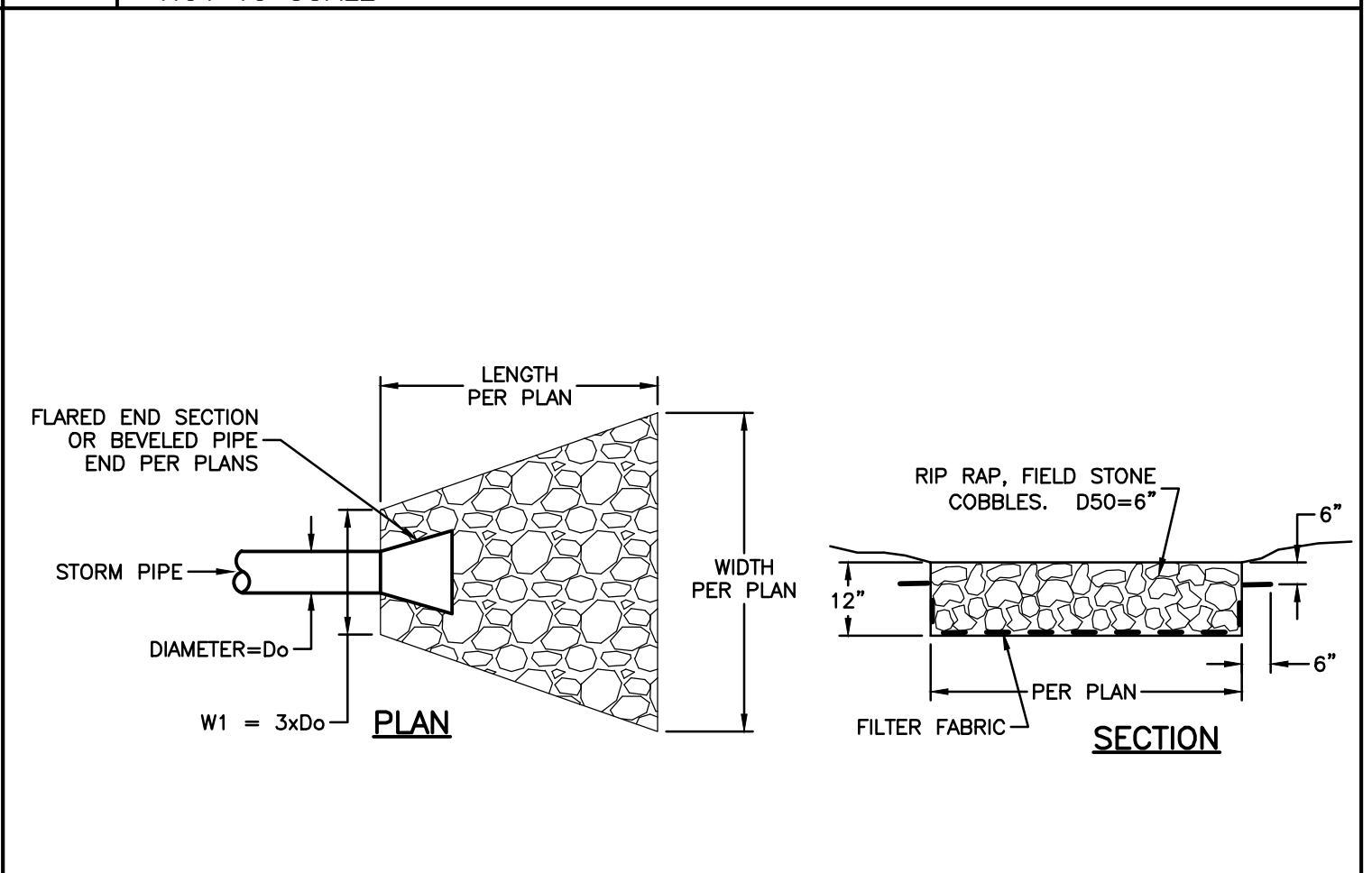
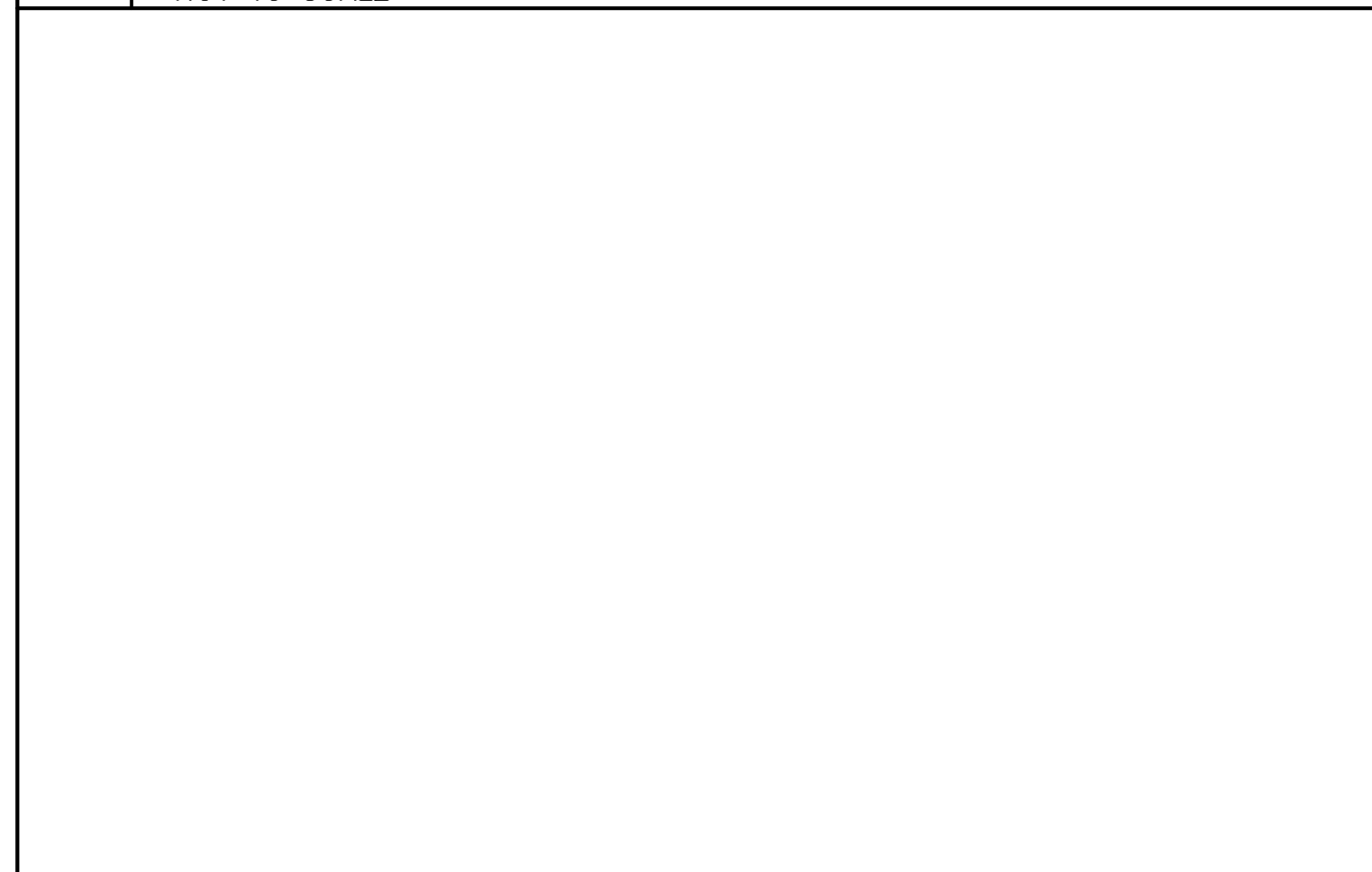
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|---|---------------|
| 6 | <b>DETAIL</b> |
|   | NOT TO SCALE  |

**KEY PLAN**



|   |               |
|---|---------------|
| 9 | <b>DETAIL</b> |
|   | NOT TO SCALE  |

|    |                |
|----|----------------|
| 10 | <b>DETAILS</b> |
|    | NOT TO SCALE   |



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**SITE UTILITY DETAILS**

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FILE NAME:  
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DRAWING NO.:

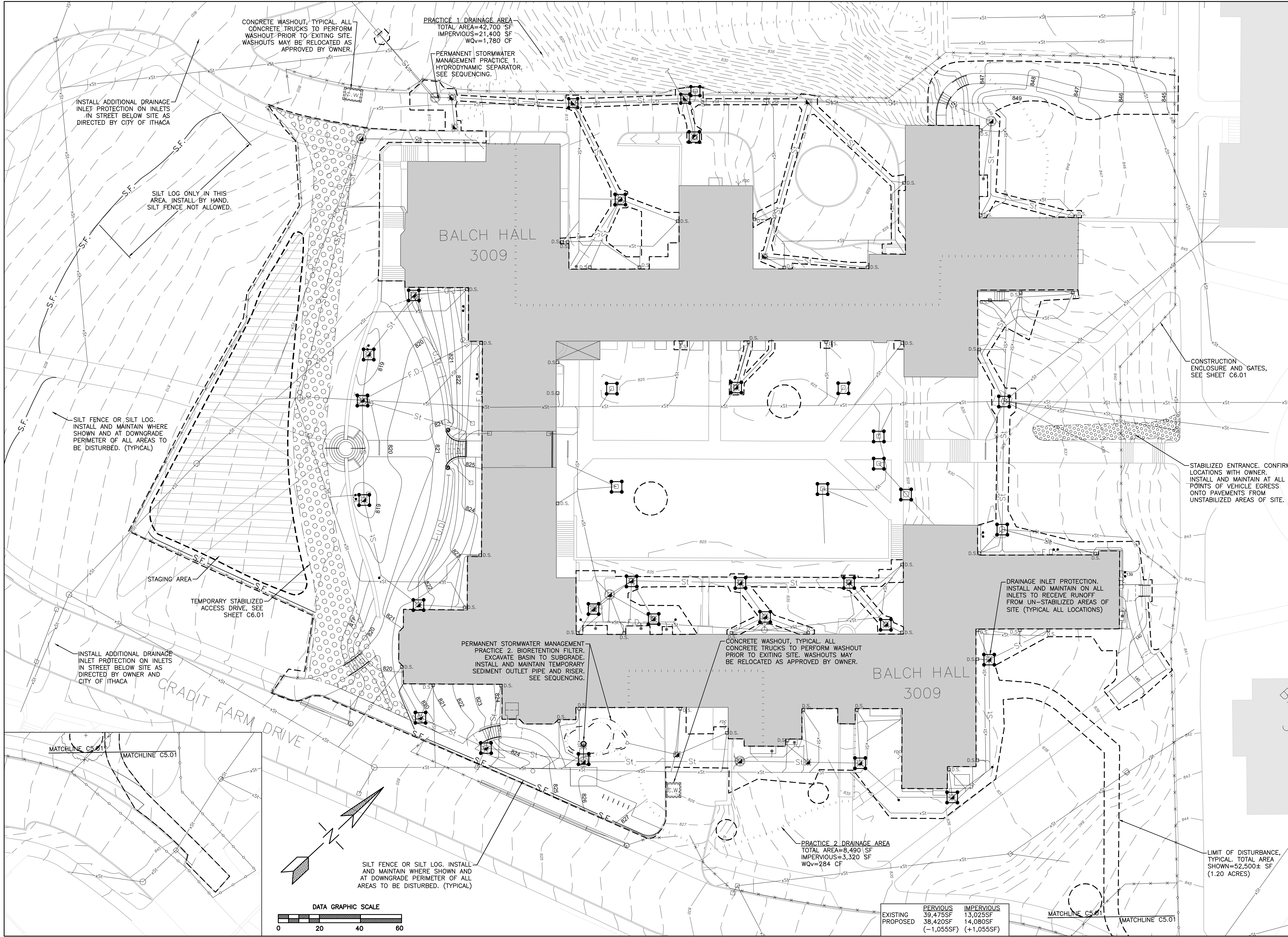
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| 13 | <b>DETAIL</b> |
|    | NOT TO SCALE  |

|    |                                 |
|----|---------------------------------|
| 14 | <b>RIPRAP OUTLET PROTECTION</b> |
|    | NOT TO SCALE                    |

|    |                            |
|----|----------------------------|
| 15 | <b>BIORETENTION FILTER</b> |
|    | NOT TO SCALE               |

**C4.02**





CONCRETE WASHOUT, TYPICAL. ALL CONCRETE TRUCKS TO PERFORM WASHOUT PRIOR TO EXITING SITE. WASHOUTS MAY BE RELOCATED AS APPROVED BY OWNER.

PRACTICE 1 DRAINAGE AREA  
TOTAL AREA=42,700 SF  
IMPERVIOUS=21,400 SF  
WQv=1,780 CF

PERMANENT STORMWATER MANAGEMENT PRACTICE 1, HYDRODYNAMIC SEPARATOR, SEE SEQUENCING.

INSTALL ADDITIONAL DRAINAGE INLET PROTECTION ON INLETS IN STREET BELOW SITE AS DIRECTED BY CITY OF ITHACA

SILT LOG ONLY IN THIS AREA. INSTALL BY HAND. SILT FENCE NOT ALLOWED.

SILT FENCE OR SILT LOG. INSTALL AND MAINTAIN WHERE SHOWN AND AT DOWNGRADE PERIMETER OF ALL AREAS TO BE DISTURBED. (TYPICAL)

INSTALL ADDITIONAL DRAINAGE INLET PROTECTION ON INLETS IN STREET BELOW SITE AS DIRECTED BY OWNER AND CITY OF ITHACA

PERMANENT STORMWATER MANAGEMENT PRACTICE 2, BIORETENTION FILTER. EXCAVATE BASIN TO SUBGRADE. INSTALL AND MAINTAIN TEMPORARY SEDIMENT OUTLET PIPE AND RISER. SEE SEQUENCING.

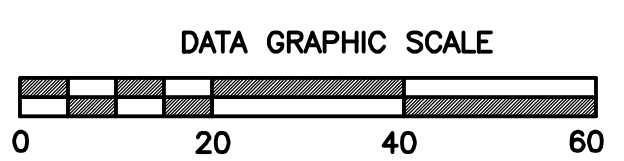
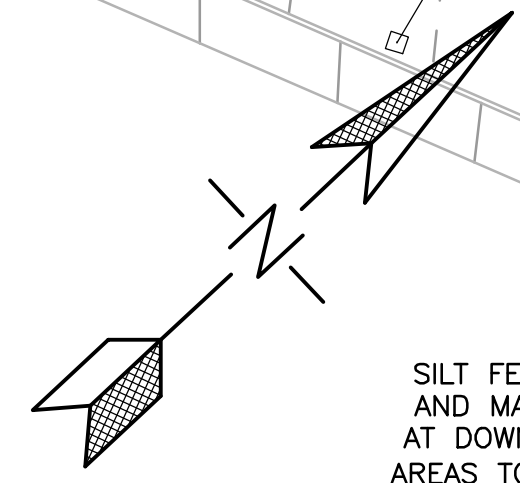
CONCRETE WASHOUT, TYPICAL. ALL CONCRETE TRUCKS TO PERFORM WASHOUT PRIOR TO EXITING SITE. WASHOUTS MAY BE RELOCATED AS APPROVED BY OWNER.

DRAINAGE INLET PROTECTION. INSTALL AND MAINTAIN ON ALL INLETS TO RECEIVE RUNOFF FROM UN-STABILIZED AREAS OF SITE (TYPICAL ALL LOCATIONS)

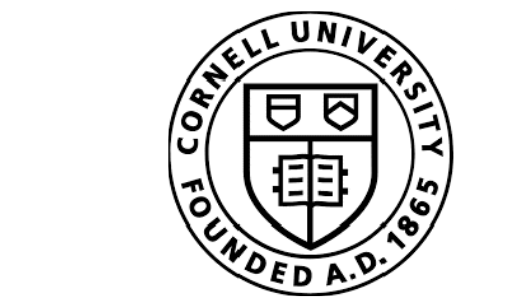
CONSTRUCTION ENCLOSURE AND GATES, SEE SHEET C6.01

STABILIZED ENTRANCE. CONFIRM LOCATIONS WITH OWNER. INSTALL AND MAINTAIN AT ALL POINTS OF VEHICLE EGRESS ONTO PAVEMENTS FROM UNSTABILIZED AREAS OF SITE.

SILT FENCE OR SILT LOG. INSTALL AND MAINTAIN WHERE SHOWN AND AT DOWNGRADE PERIMETER OF ALL AREAS TO BE DISTURBED. (TYPICAL)



|          | PERVIOUS            | IMPERVIOUS          |
|----------|---------------------|---------------------|
| EXISTING | 39,475SF            | 13,025SF            |
| PROPOSED | 38,420SF (-1,055SF) | 14,080SF (+1,055SF) |



# BALCH HALL RENOVATION

Cornell University

600 Thurston Avenue  
Ithaca, New York 14853



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p: 617.262.2760 f: 617.262.9512  
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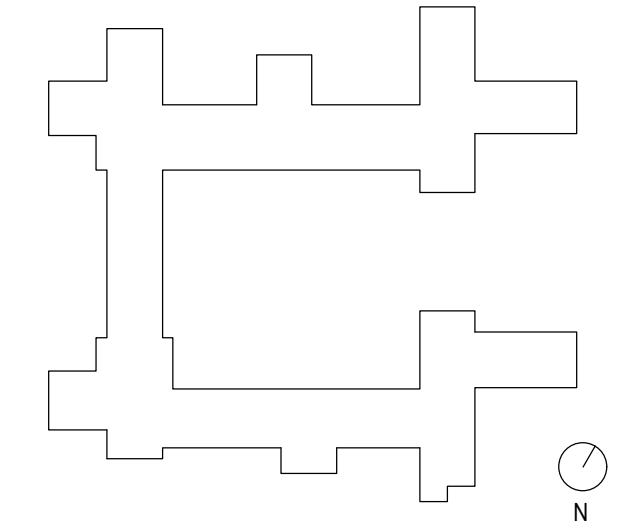
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KEY PLAN



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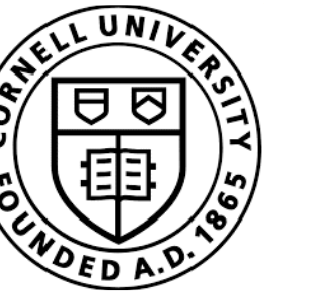
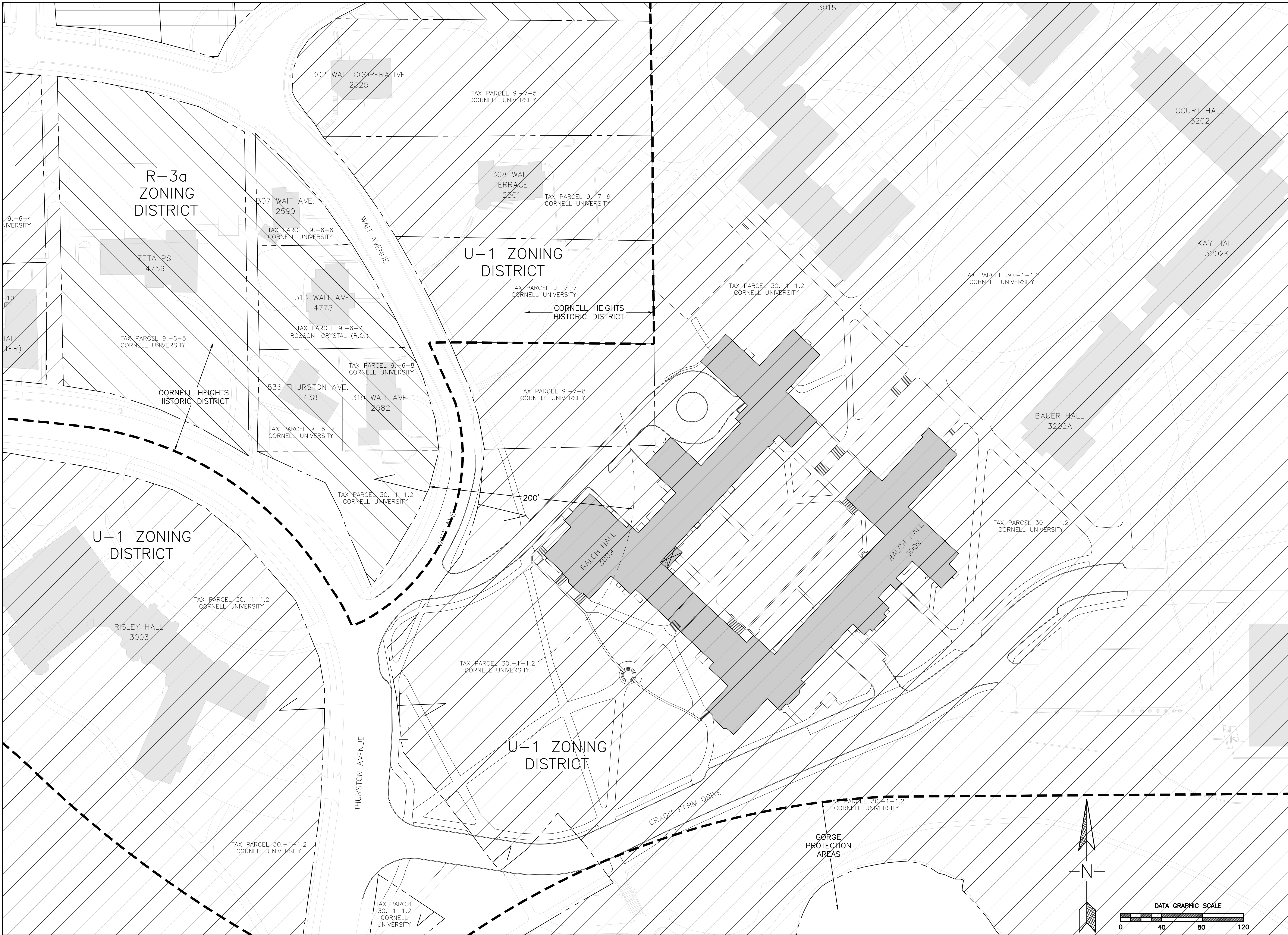
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GOODY CLANCY PROJECT NUMBER: 07400 TGM: E18-42

FILE NAME:  
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# C5.01





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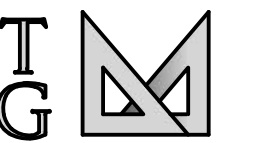
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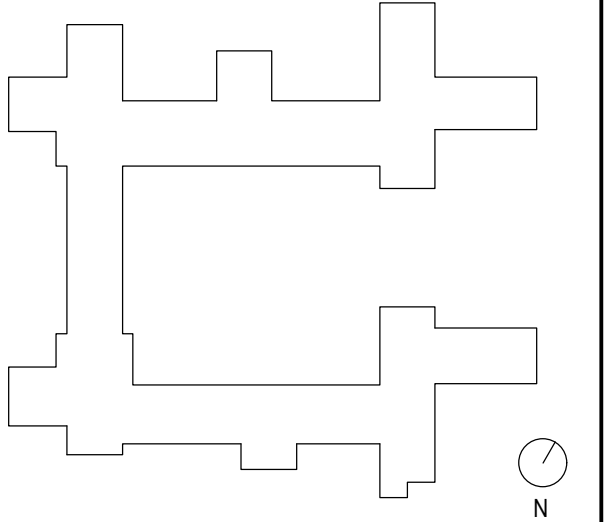
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**ZONING ANALYSIS**

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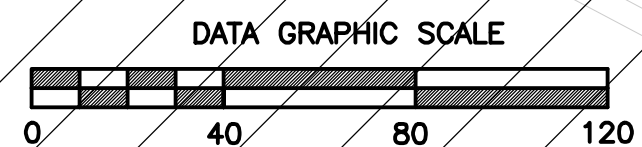
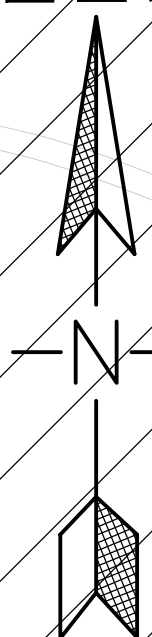
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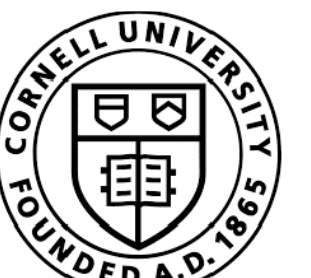
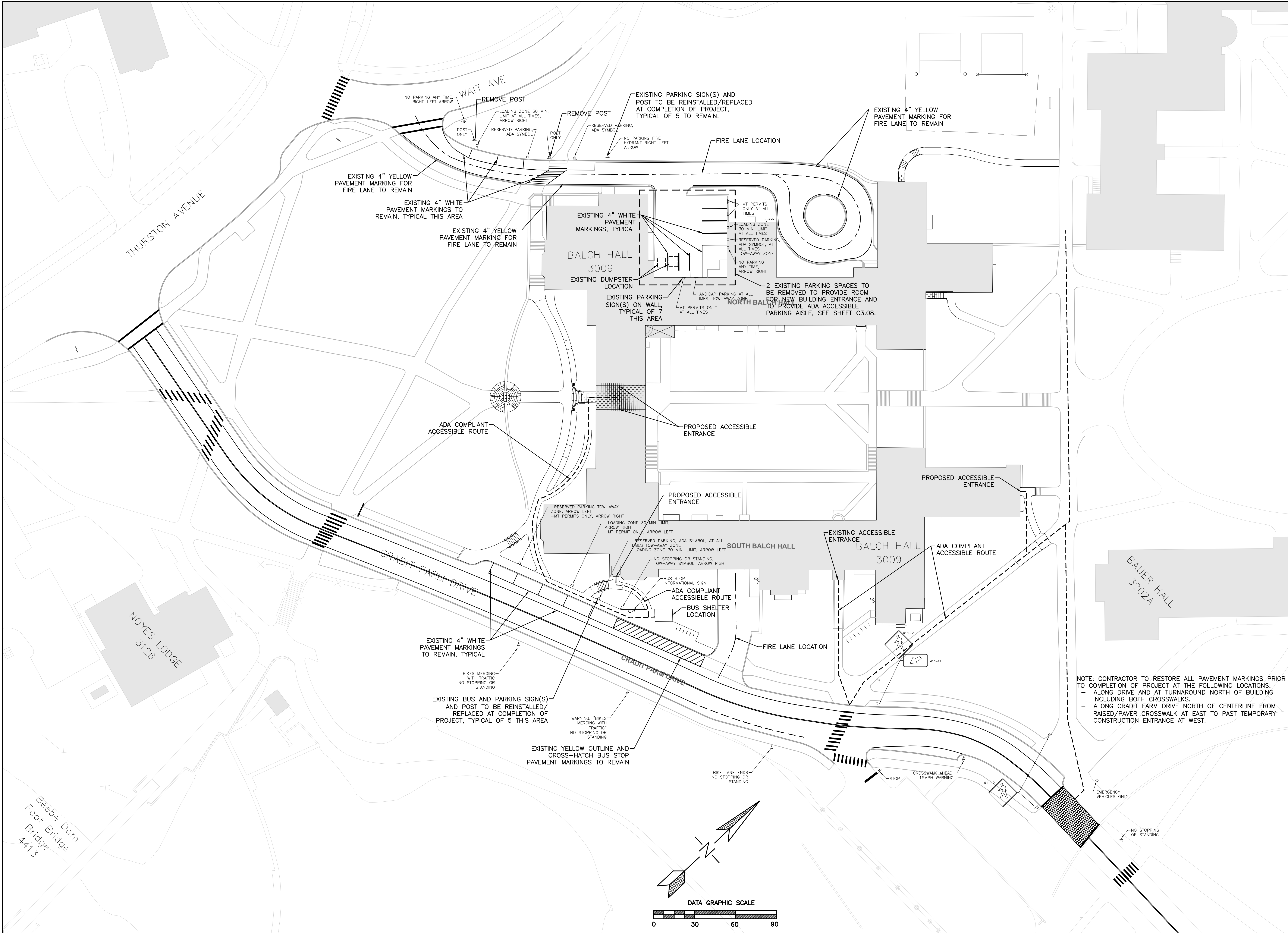
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**C6.02**







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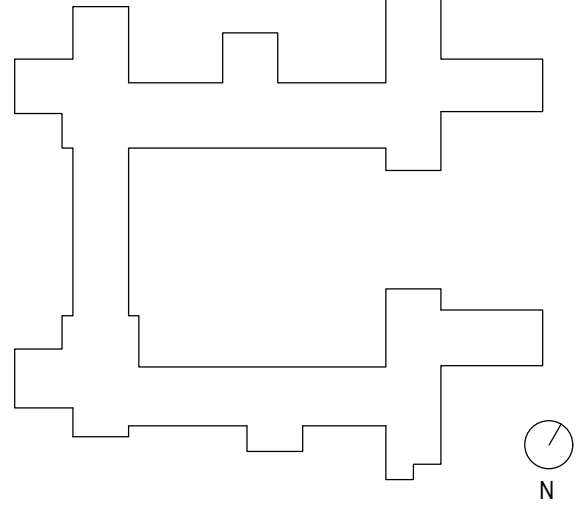


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ISSUE  
**PARKING AND ACCESSIBILITY PLAN**

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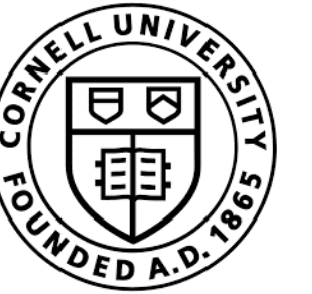
Tree Protection Action Key

Table with columns: Tree #, DBH, Common Name, Botanical Name, Condition Rating, Preservation Measures, Additional Notes, Condition Notes.

Tree Protection Action Key

Table with columns: Tree #, DBH, Common Name, Botanical Name, Condition Rating, Preservation Measures, Additional Notes, Condition Notes.

Y:\DRG Projects\DRG WNY\DRG\WNY32\CADD\05-ENV\DRG\WNY32\_BHR\_TREES\_2021.01.28.dwg LJO.02 Plotted By: Hulise, Cary, 1/28/2021 12:20 PM



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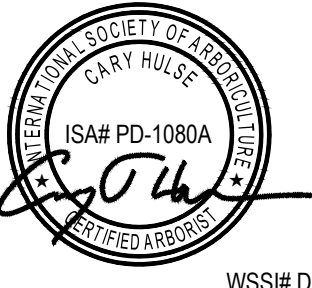
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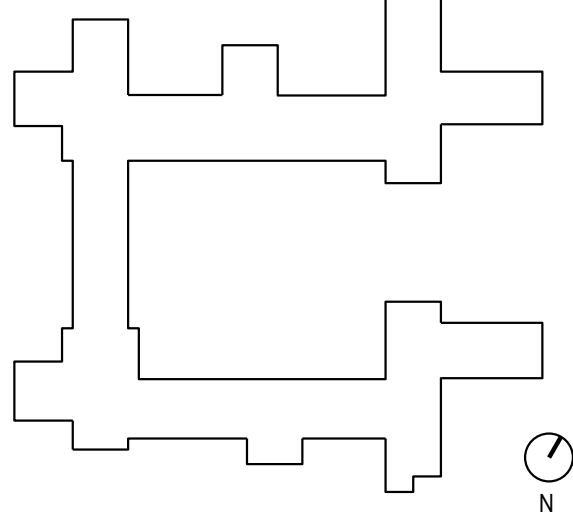


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KEY PLAN



Construction Documents

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TREE PRESERVATION SCHEDULE

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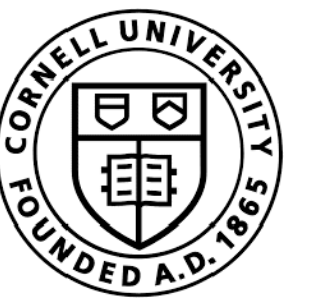
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CHECKED: AH SCALE: 1" = 25'

DRAWING NO.:



LJO.02



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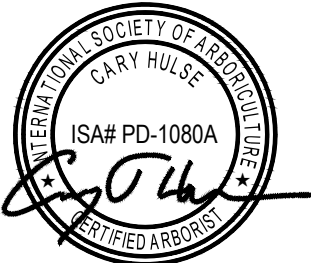
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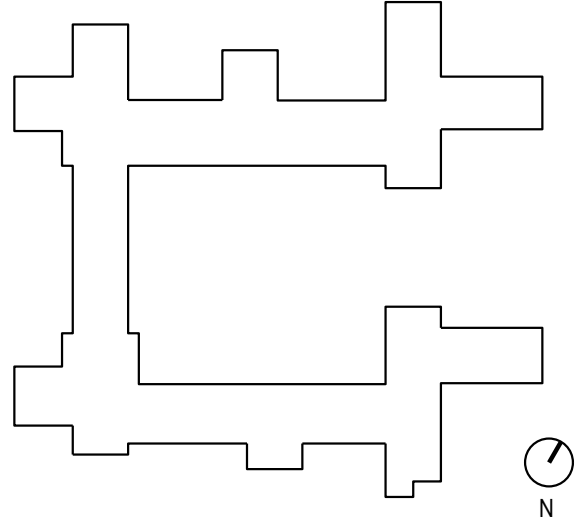
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WSS# DRGWN32

KEY PLAN



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**TREE PRESERVATION PLAN**

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GOODY CLANCY PROJECT NUMBER: 07400

FILE NAME:

DRAWN: CH DATE: 01/29/2021

CHECKED: AH SCALE: 1" = 25'

DRAWING NO.:

**LJ1.01**



**NOTES:**

- TREE LOCATIONS MAY BE APPROXIMATE. OWNER AND CONTRACT ARBORIST SHALL VERIFY ALL TREE LOCATIONS AND CONDITIONS PRIOR TO CONSTRUCTION AND/OR TREATMENT OR REMOVAL.
- PRE-CONSTRUCTION MEETING SHALL BE HELD PRIOR TO COMMENCEMENT OF DEMOLITION/CONSTRUCTION ACTIVITY. OWNER, OWNER, DESIGN TEAM MEMBERS (PROJECT ARBORIST, LANDSCAPE ARCHITECT, ENGINEER AND ARCHITECT), CONTRACT ARBORIST, SITE AND LANDSCAPE CONTRACTORS SHALL ATTEND.

ARBORIST OVERSIGHT REQUIRED IF EXCAVATION IS NEEDED WITHIN CRZS OF TREES TO REMAIN. ARBORIST SHALL HAND-PRUNE ROOTS AS NEEDED. TEMPORARY ROOT PROTECTION MATTING REQUIRED FOR ACCESS WITHIN TREE PROTECTION AREA.

UTILITY DEMO (TYP) - ARBORIST OVERSIGHT REQUIRED IF EXCAVATION IS NEEDED WITHIN CRZS OF TREES TO REMAIN

SILT LOG PER EROSION CONTROL PLAN TO BE INSTALLED BY HAND INSIDE TREE PROTECTION AREAS. INSTALL ON-GRADE. DO NOT EXCAVATE. ARBORIST OVERSIGHT REQUIRED FOR ALL INSTALLATION AND MAINTENANCE WITHIN FENCED TREE PROTECTION AREAS. ALL WORK SHALL BE DONE BY HAND. NO EQUIPMENT ACCESS PERMITTED.

**BALCH HALL 3009**

**NORTH BALCH HALL**

**SOUTH BALCH HALL**

**BALCH HALL 3009**

**LEGEND**

- EXISTING TREE TO REMAIN WITH CRITICAL ROOT ZONE (CRZ) & STRUCTURAL CRITICAL ROOT ZONE (SRZ)
- EXISTING TREE TO BE REMOVED "BY ARBORIST" (SEE SPECIFICATIONS)
- EXISTING TREE TO BE REMOVED
- PROPOSED TREE PROTECTION FENCE (SEE DETAIL & SPECIFICATIONS)
- PROPOSED ROOT PRUNING (SEE DETAIL & SPECIFICATIONS)
- PROPOSED LOD
- TEMPORARY ROOT PROTECTION MATTING (SEE DETAIL & SPECIFICATIONS)

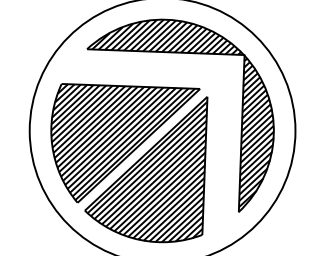
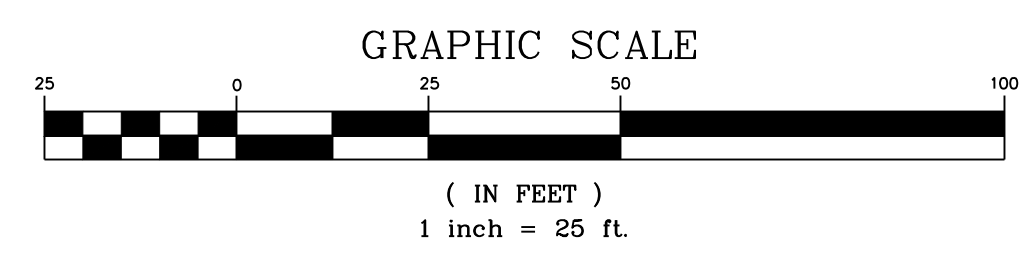
NOTE: REFER TO TREE PROTECTION ACTION KEY (TPAK) ON SHEET LJO.02 FOR SPECIFIC MEASURES REQUIRED FOR EACH TREE. REFER TO SPECIFICATIONS ON SHEET LJO.01 AND DETAILS ON SHEET LJS.01 FOR ADDITIONAL INFORMATION.

**TREE INVENTORY NOTES:**

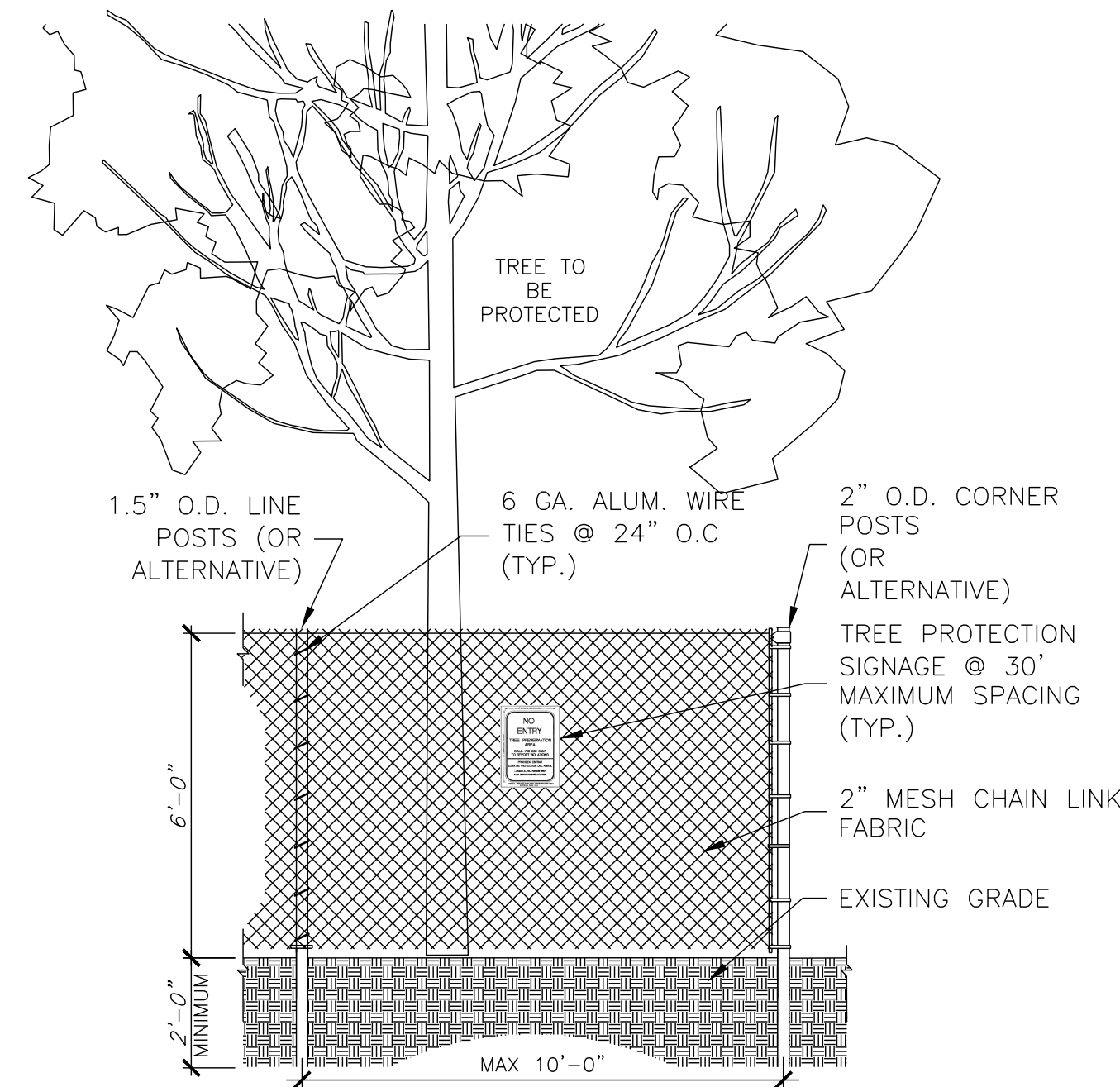
- TREE INVENTORY FIELDWORK AND LEVEL 2 RISK ASSESSMENT PERFORMED BY LORI BROCKELBANK, ISA CERTIFIED ARBORIST# NY-5326AM, OF THE DAVEY RESOURCE GROUP (DRG) ON MAY 27, 2020.
- THE INSPECTION OF THESE TREES CONSISTED SOLELY OF A VISUAL INSPECTION FROM THE GROUND. WHILE MORE THOROUGH TECHNIQUES ARE AVAILABLE FOR INSPECTION AND EVALUATION, THEY WERE NEITHER REQUESTED NOR CONSIDERED NECESSARY OR APPROPRIATE AT THIS TIME.

**RISK ASSESSMENT NOTES:**

- A LEVEL 2 RISK ASSESSMENT WAS CONDUCTED AT THE TIME OF THE TREE INVENTORY.
- THE TIME PERIOD FOR THIS RISK ASSESSMENT IS ONE YEAR, OR UNTIL CONSTRUCTION IN THE VICINITY OF THE TREES BEGINS. RISK ASSESSMENT CAN ONLY ADDRESS THE TREE AND SITE CONDITIONS PRESENT AT THE TIME OF THE ASSESSMENT.
- POTENTIAL RISK PRESENTED BY FUTURE TREE IMPACTS (SUCH AS IMPACTS FROM PROPOSED CONSTRUCTION ACTIVITIES) OR FUTURE SITE IMPROVEMENTS OR TARGETS CANNOT BE ASSESSED AND WAS NOT INCLUDED IN THIS RISK ASSESSMENT.
- ASSESSMENT WAS LIMITED TO LEVEL 2 BASIC VISUAL ASSESSMENT. NO AERIAL CROWN INSPECTIONS, SUB-SURFACE ROOT INVESTIGATIONS, OR INTERNAL INVESTIGATIONS WERE DONE.
- ONLY THOSE TREES WITHIN THE DESIGNATED SCOPE OF WORK WERE INCLUDED, AND ASSESSMENTS WERE ONLY PERFORMED WITHIN THE LIMITATIONS PROVIDED.
- THE ASSESSMENT CONSIDERED ONLY SIGNIFICANT KNOWN AND EXISTING TARGETS, AND VISIBLE OR ACCESSIBLE TREE DEFECTS.
- NOT ALL DEFECTS ARE DETECTABLE AND NOT ALL FAILURES ARE PREDICTABLE OR PREVENTABLE.

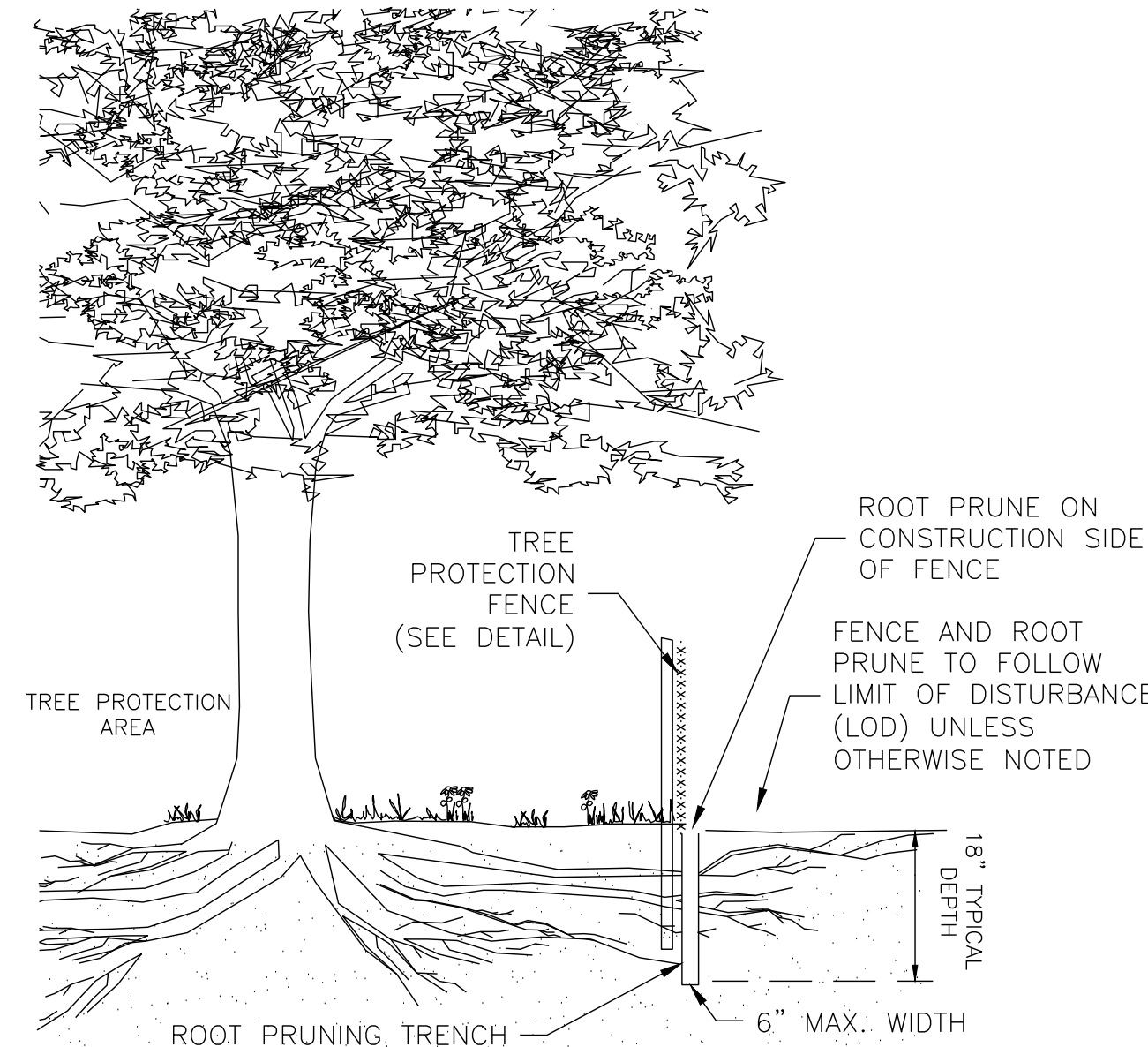


Y:\DRG Projects\DRG WNY\DRGWN32\CADD\05-ENV\DRGWN32\_BHR\_TREES\_2021.01.28.dwg LJ1.01 Plotted By: Hulse, Cary, 1/28/2021 12:20 PM



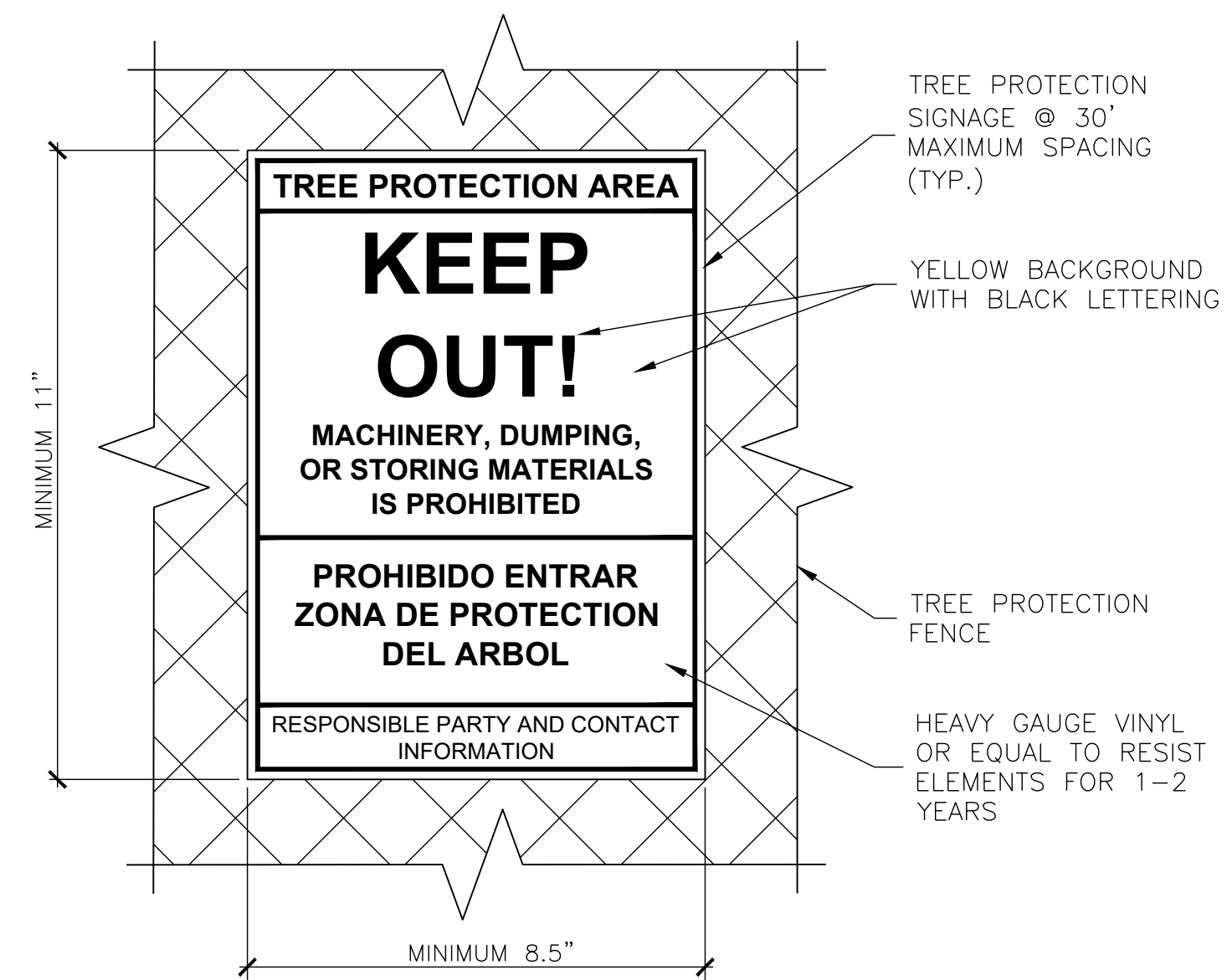
- NOTES:**
- TREE PROTECTION FENCE SHALL BE INSTALLED PRIOR TO ANY SITE WORK, CLEARING OR DEMOLITION.
  - SUPER SILT FENCE MAY BE USED IN LIEU OF WELDED WIRE FOR TREE PROTECTION PROVIDED IT IS INSTALLED AND MAINTAINED AS A TREE PROTECTION MEASURE AND IS POSTED WITH TREE PROTECTION SIGNS.
  - TREE PROTECTION FENCE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. REMOVE FENCE ONLY WITH APPROVAL AND AFTER ALL SITE WORK HAS BEEN COMPLETED.

1 CHAIN LINK TREE PROTECTION FENCE (TYPICAL)  
SCALE: NTS



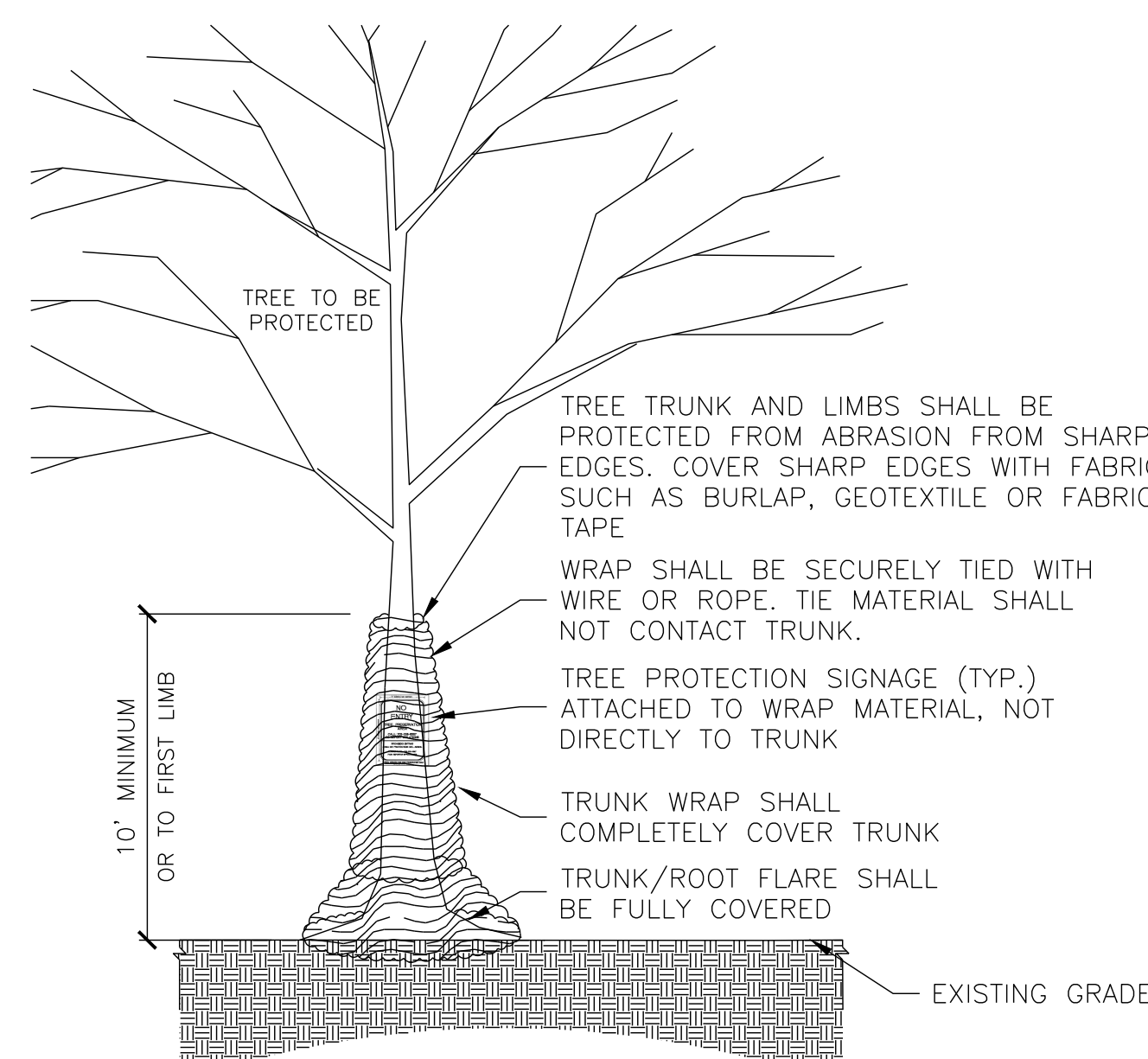
- NOTES:**
- TREE PROTECTION AREA WILL BE DETERMINED AS PART OF THE PLAN REVIEW PROCESS. EXACT LOCATION, DEPTH AND METHODS OF ROOT PRUNING TO BE DETERMINED IN THE FIELD BY PROJECT ARBORIST.
  - EXACT LOCATION OF TREE PROTECTION AREAS SHALL BE STAKED OR FLAGGED PRIOR TO TRENCHING.
  - TRENCH SHOULD BE BACKFILLED IMMEDIATELY OR INCORPORATED WITH SILT FENCE INSTALLATION.
  - ROOTS SHOULD BE SEVERED BY ROCK SAW, TRENCHER, VIBRATORY FLOW OR APPROVED EQUIVALENT.
  - ROOTS OVER 1.5" DIAMETER SHOULD BE CLEANLY CUT BY HAND. ROOT PRUNING ADJACENT TO SPECIMEN TREES MAY REQUIRE SOIL REMOVAL BY SUPERSONIC AIR TOOL TO MINIMIZE TREE AND ROOT IMPACTS.
  - COORDINATE WITH SILT FENCE INSTALLATION (IF REQUIRED) TO MINIMIZE ROOT IMPACTS FROM ADDITIONAL TRENCHING.

2 ROOT PRUNING (TYPICAL)  
SCALE: NTS



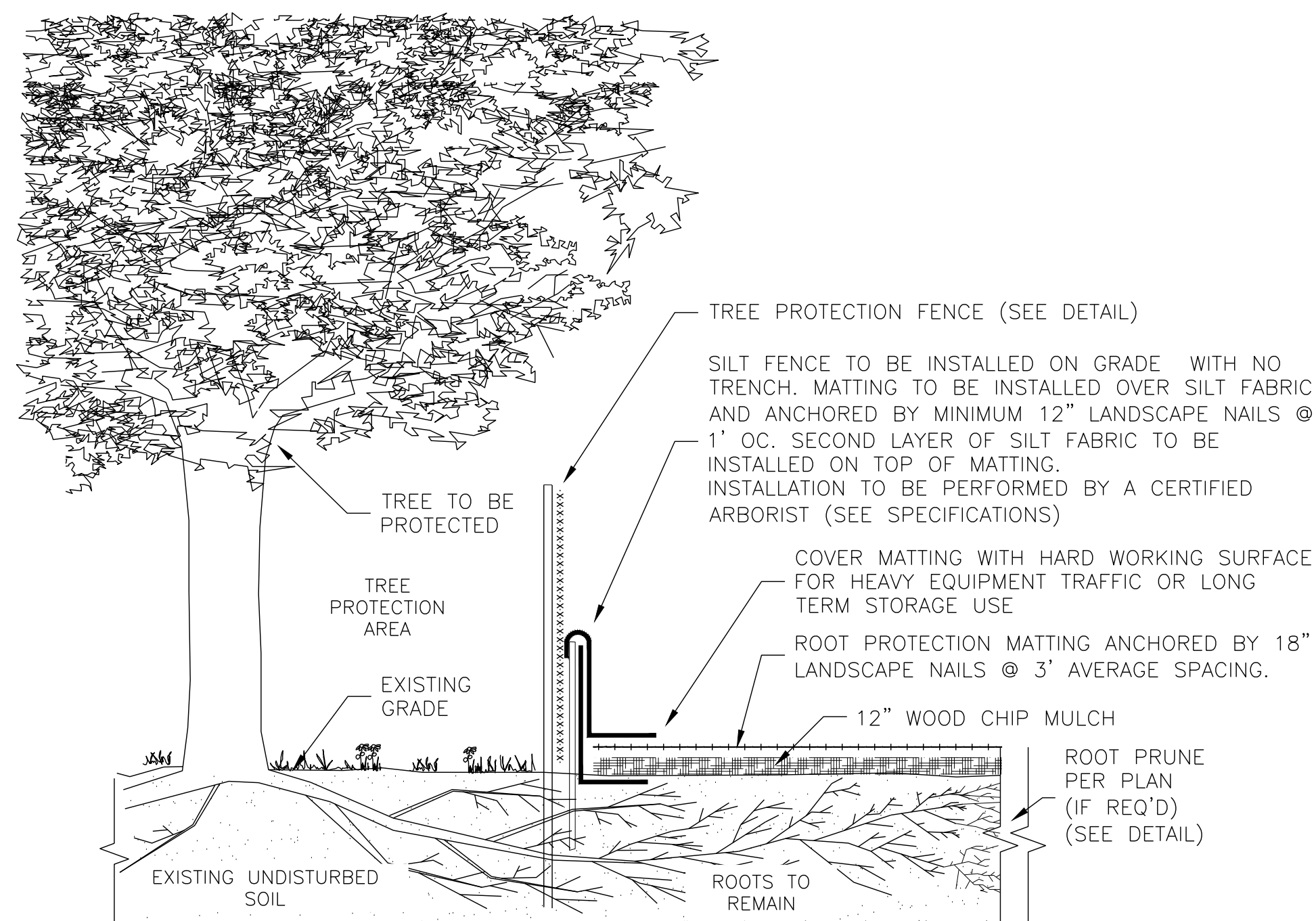
- NOTES:**
- SIGNS TO BE ATTACHED TO TREE PROTECTION FENCE OR POSTS AT READABLE LEVEL.
  - 30' MINIMUM SPACING AVERAGE ADJUSTED FOR MAXIMUM READABILITY.
  - MINIMUM ONE SIGN FOR SMALL TREE PROTECTION AREAS.
  - SIGNS MAY BE REMOVED FROM RESIDENTIAL LOTS UPON ISSUANCE OF USE AND OCCUPANCY.
  - SIGNS TO REMAIN ON NON RESIDENTIAL SITES FOR MAINTENANCE PERIOD.

3 TREE PROTECTION AREA SIGN (TYPICAL)  
SCALE: NTS



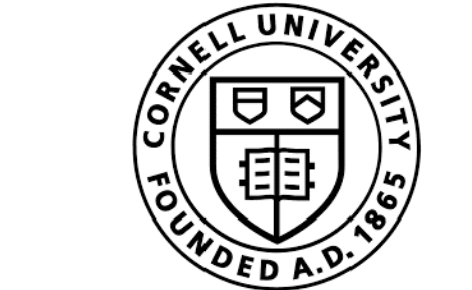
- NOTES:**
- TRUNK WRAP MATERIAL SHALL BE DOUBLE SIDED GEOTEXTILE, GEONET CORE WITH NON-WOVEN COVERING (SUCH AS TENSAR ROADRAIN RD7) OR EQUIVALENT.
  - WRAP SHALL BE INSTALLED BY A CERTIFIED ARBORIST.
  - WRAP SHALL BE INSTALLED PRIOR TO ANY SITE WORK, CLEARING OR DEMOLITION.
  - WRAP SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. REMOVE WRAP ONLY WITH APPROVAL AND AFTER ALL SITE WORK HAS BEEN COMPLETED.
  - WRAP SHALL BE REMOVED PROMPTLY AFTER CONSTRUCTION.
  - MAJOR SCAFFOLD LIMBS MAY ALSO REQUIRE THIS PROTECTION AS DIRECTED BY THE PROJECT ARBORIST.

4 TREE TRUNK & LIMB PROTECTION WRAP (TYP.)  
SCALE: NTS



- NOTES:**
- MATTING MATERIAL SHALL BE DOUBLE SIDED GEOTEXTILE, GEONET CORE WITH NON-WOVEN COVERING (SUCH AS TENSAR ROADRAIN RD7) OR APPROVED EQUIVALENT.
  - RPM SHALL BE INSTALLED BY A CERTIFIED ARBORIST.
  - TO BE USED FOR DESIGNATED TEMPORARY CONSTRUCTION ACCESS AND STOCKPILE AREAS.
  - MATTING SHALL BE PLACED ON 12" WOOD CHIP MULCH UNLESS OTHERWISE DIRECTED.
  - FOR AREAS OF HEAVY EQUIPMENT TRAFFIC OR LONG TERM MATERIAL STORAGE, MATTING SHALL BE COVERED WITH APPROVED HARD WORKING SURFACE MATERIAL (ALTERNAMATS OR APPROVED ALTERNATE). ADDITIONAL LAYERS OF GEOTEXTILE, AND/OR CRUSHED AGGREGATE SURFACE LAYER MAY BE NEEDED. SEE SPECS.

5 TEMPORARY ROOT PROTECTION MATTING (TYPICAL)  
SCALE: NTS



**BALCH HALL RENOVATION**

**Cornell University**

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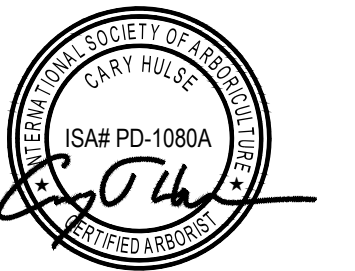
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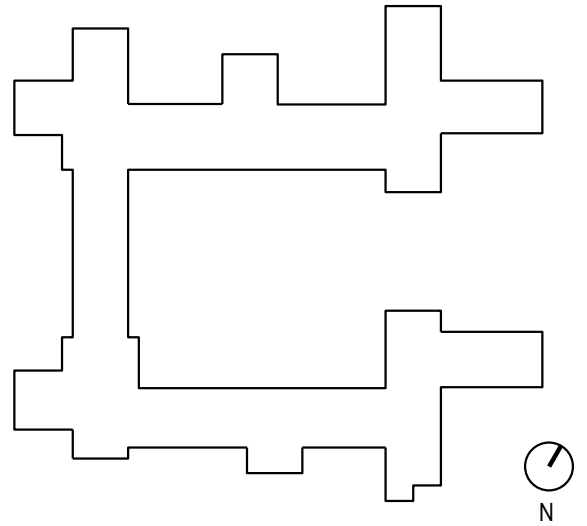


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KEY PLAN



**Construction Documents**

ISSUED: 01/29/2021

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**TREE PRESERVATION DETAILS**

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GOODY CLANCY PROJECT NUMBER: 07400

FILE NAME:

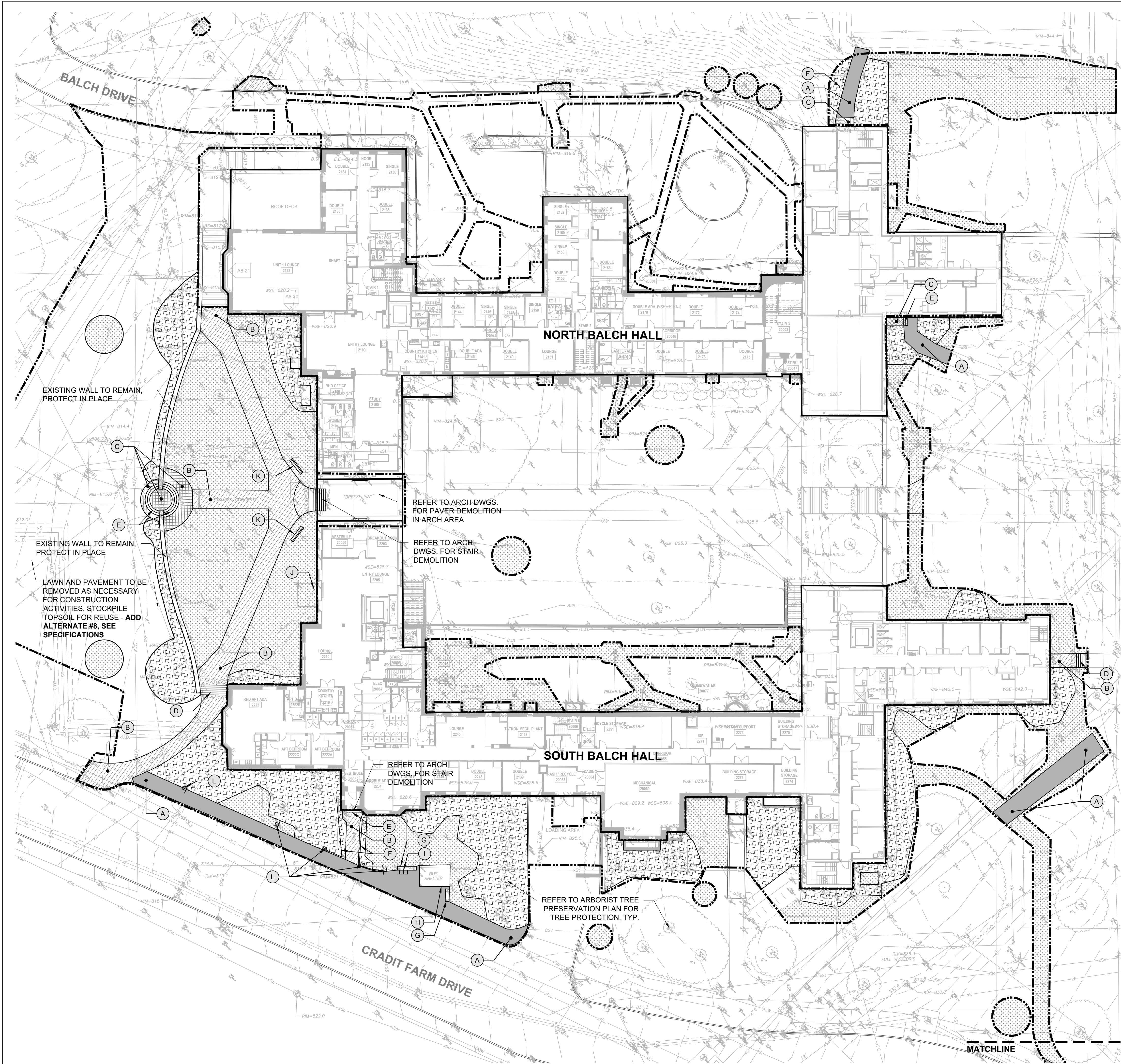
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CHECKED: AH SCALE: 1" = 2'

DRAWING NO.:



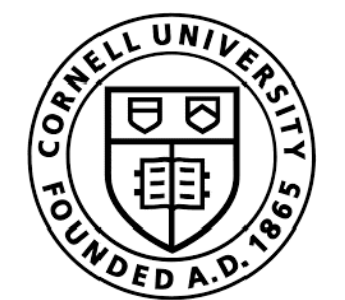
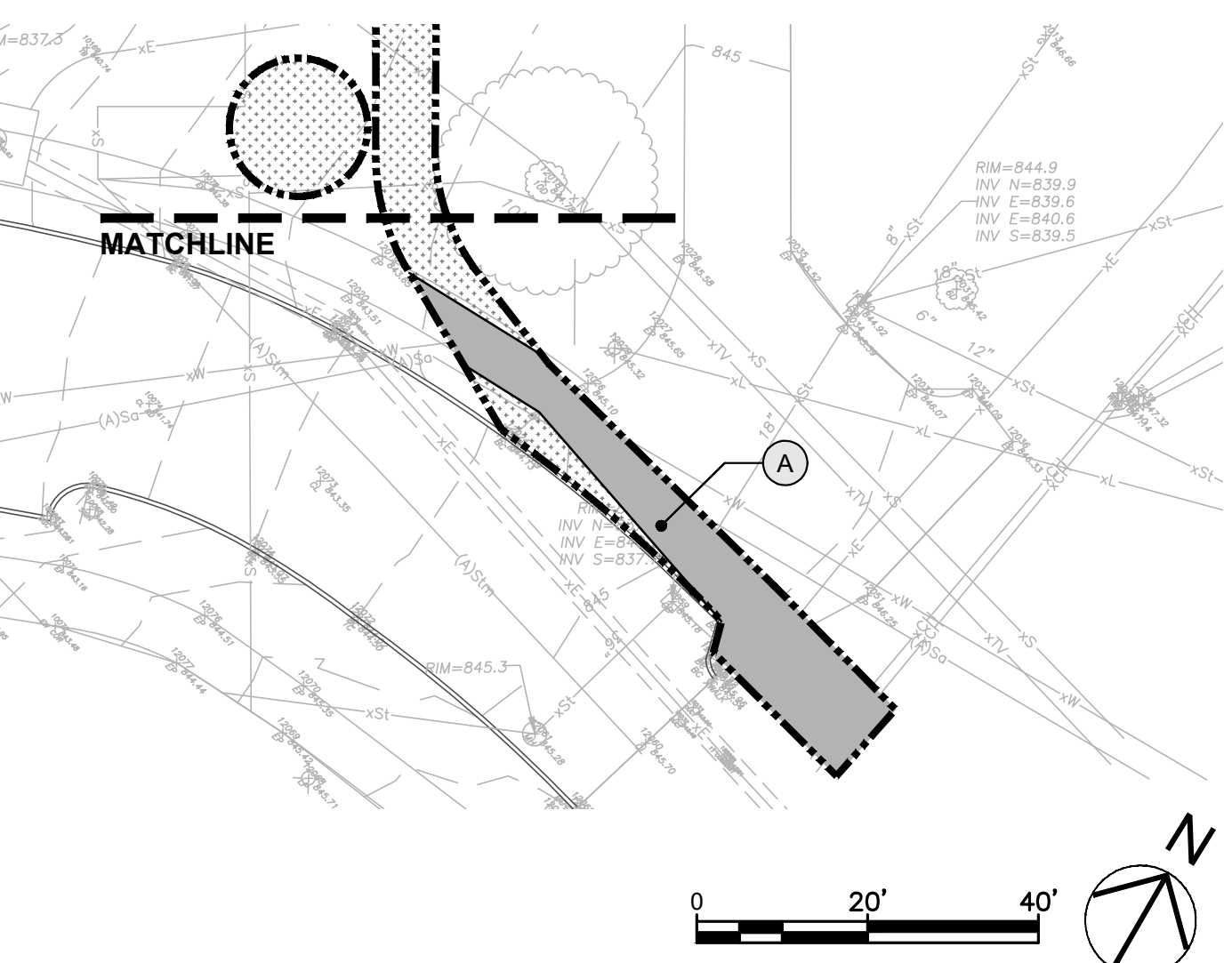
**LJ5.01**



# LANDSCAPE DEMOLITION LEGEND

- LIMIT OF WORK
- PAVEMENT MATERIALS**
  - (A) [Pattern] REMOVE AND DISPOSE EXISTING BITUMINOUS CONCRETE PAVEMENT INCLUDING AGGREGATE BASE, SEE CIVIL DRAWINGS
  - (B) [Pattern] REMOVE AND DISPOSE EXISTING CONCRETE PAVEMENT INCLUDING AGGREGATE BASE, SEE CIVIL DRAWINGS
  - (C) [Pattern] REMOVE AND DISPOSE EXISTING STONE PAVEMENT INCLUDING BASE MATERIALS, SEE CIVIL DRAWINGS
- WALLS, STAIRS & RAMPS**
  - (D) REMOVE AND DISPOSE EXISTING CONCRETE STAIRS, AND FOUNDATION, TYP.
  - (E) REMOVE AND DISPOSE EXISTING STONE VENEER STAIRS, AND FOUNDATION, TYP.
  - (F) REMOVE AND DISPOSE EXISTING SPLIT RAIL WOODEN FENCE AND FOUNDATION, TYP.
- SITE FURNISHINGS**
  - (G) REMOVE AND DISPOSE CONCRETE SEAT WALL
  - (H) MAINTAIN AND PROTECT BUS SHELTER AND CONCRETE PAVEMENT SLAB
  - (I) REMOVE WASTE RECEPTACLES, PROVIDE TO OWNER, TYP.
  - (J) REMOVE AND DISPOSE BIKE RACK, TYP.
  - (K) REMOVE SITE FURNITURE, PROVIDE TO OWNER, TYP.
  - (L) REMOVE SIGNAGE, PROVIDE TO OWNER, TYP.
- PLANTING**
  - [Pattern] REMOVE AND DISPOSE EXISTING SHRUBS, GROUND COVER, PERENNIALS, AND MULCH TYP.
  - [Pattern] CLEAR AND GRUB EXISTING LAWN AREA, STOCKPILE TOPSOIL FOR REUSE, ASSUME ALL LAWN AREAS WITHIN LIMIT OF WORK, +/-500 CY - ADD ALTERNATE #8, REFER TO SPECIFICATIONS

- NOTES:**
1. REFER TO ARBORIST TREE PRESERVATION DRAWINGS FOR TREE REMOVAL LOCATIONS AND PROTOCOL.
  2. TREE PROTECTION FENCING TO BE INSTALLED ACCORDING TO ARBORIST'S TREE PRESERVATION PLAN DRAWINGS. COORDINATE ALL TREE PROTECTION, REMOVALS, AND WORK WITHIN THE CRITICAL ROOTZONE WITH THE PROJECT ARBORIST.
  3. ALL DISTURBED AREAS TO BE REPLACED IN KIND UNLESS OTHERWISE NOTED.
  4. REFER TO C5.01 FOR CONSTRUCTION ACCESS AND LAYDOWN



## BALCH HALL RENOVATION

**Cornell University**

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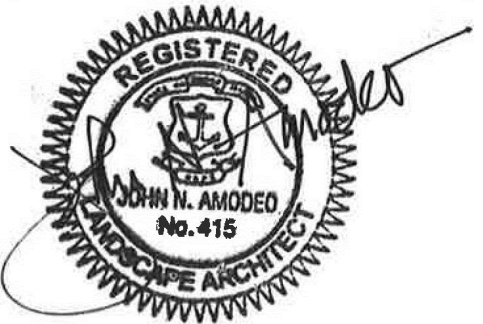


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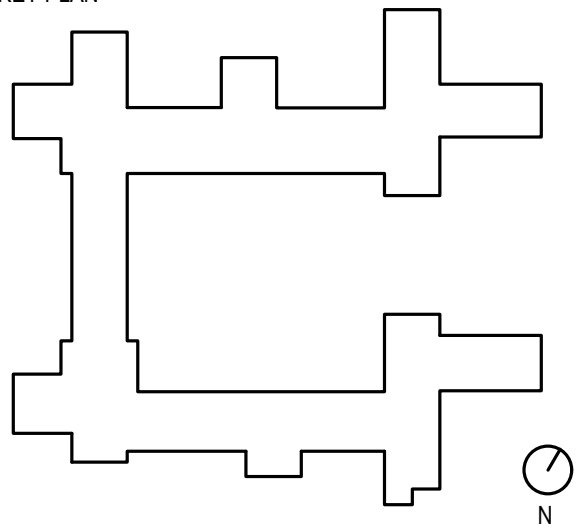
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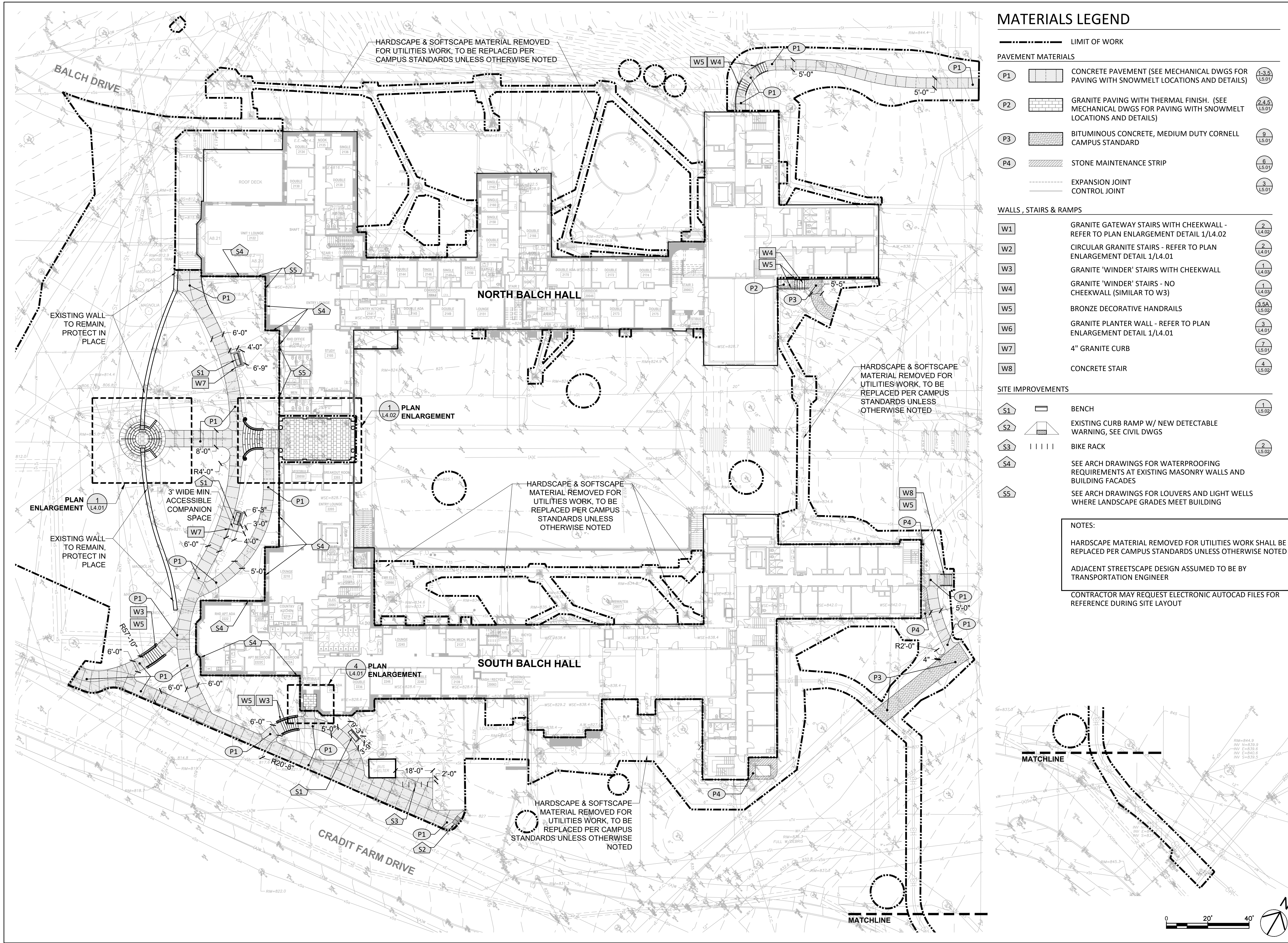
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### ISSUE LANDSCAPE DEMOLITION PLAN

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GOODY CLANCY PROJECT NUMBER: 07400

|              |                        |
|--------------|------------------------|
| FILE NAME:   |                        |
| DRAWN:       | TC DATE: 11/5/2021     |
| CHECKED:     | NH/JA SCALE: 1"=20'-0" |
| DRAWING NO.: |                        |

# LD1.01



| MATERIALS LEGEND                                                                                                                                                                                                                                                                                 |                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| ---                                                                                                                                                                                                                                                                                              | LIMIT OF WORK                                                                                            |
| PAVEMENT MATERIALS                                                                                                                                                                                                                                                                               |                                                                                                          |
| P1                                                                                                                                                                                                                                                                                               | CONCRETE PAVEMENT (SEE MECHANICAL DWGS FOR PAVING WITH SNOWMELT LOCATIONS AND DETAILS)                   |
| P2                                                                                                                                                                                                                                                                                               | GRANITE PAVING WITH THERMAL FINISH. (SEE MECHANICAL DWGS FOR PAVING WITH SNOWMELT LOCATIONS AND DETAILS) |
| P3                                                                                                                                                                                                                                                                                               | BITUMINOUS CONCRETE, MEDIUM DUTY CORNELL CAMPUS STANDARD                                                 |
| P4                                                                                                                                                                                                                                                                                               | STONE MAINTENANCE STRIP                                                                                  |
| ---                                                                                                                                                                                                                                                                                              | EXPANSION JOINT CONTROL JOINT                                                                            |
| WALLS, STAIRS & RAMPS                                                                                                                                                                                                                                                                            |                                                                                                          |
| W1                                                                                                                                                                                                                                                                                               | GRANITE GATEWAY STAIRS WITH CHEEKWALL - REFER TO PLAN ENLARGEMENT DETAIL 1/L4.02                         |
| W2                                                                                                                                                                                                                                                                                               | CIRCULAR GRANITE STAIRS - REFER TO PLAN ENLARGEMENT DETAIL 1/L4.01                                       |
| W3                                                                                                                                                                                                                                                                                               | GRANITE 'WINDER' STAIRS WITH CHEEKWALL                                                                   |
| W4                                                                                                                                                                                                                                                                                               | GRANITE 'WINDER' STAIRS - NO CHEEKWALL (SIMILAR TO W3)                                                   |
| W5                                                                                                                                                                                                                                                                                               | BRONZE DECORATIVE HANDRAILS                                                                              |
| W6                                                                                                                                                                                                                                                                                               | GRANITE PLANTER WALL - REFER TO PLAN ENLARGEMENT DETAIL 1/L4.01                                          |
| W7                                                                                                                                                                                                                                                                                               | 4" GRANITE CURB                                                                                          |
| W8                                                                                                                                                                                                                                                                                               | CONCRETE STAIR                                                                                           |
| SITE IMPROVEMENTS                                                                                                                                                                                                                                                                                |                                                                                                          |
| S1                                                                                                                                                                                                                                                                                               | BENCH                                                                                                    |
| S2                                                                                                                                                                                                                                                                                               | EXISTING CURB RAMP W/ NEW DETECTABLE WARNING, SEE CIVIL DWGS                                             |
| S3                                                                                                                                                                                                                                                                                               | BIKE RACK                                                                                                |
| S4                                                                                                                                                                                                                                                                                               | SEE ARCH DRAWINGS FOR WATERPROOFING REQUIREMENTS AT EXISTING MASONRY WALLS AND BUILDING FACADES          |
| S5                                                                                                                                                                                                                                                                                               | SEE ARCH DRAWINGS FOR LOUVERS AND LIGHT WELLS WHERE LANDSCAPE GRADES MEET BUILDING                       |
| <b>NOTES:</b><br>HARDSCAPE MATERIAL REMOVED FOR UTILITIES WORK SHALL BE REPLACED PER CAMPUS STANDARDS UNLESS OTHERWISE NOTED<br><br>ADJACENT STREETScape DESIGN ASSUMED TO BE BY TRANSPORTATION ENGINEER<br><br>CONTRACTOR MAY REQUEST ELECTRONIC AUTOCAD FILES FOR REFERENCE DURING SITE LAYOUT |                                                                                                          |
| <b>KEY PLAN</b><br>                                                                                                                                                                                                                                                                              |                                                                                                          |
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| <b>LAYOUT &amp; MATERIALS PLAN</b>                                                                                                                                                                                                                                                               |                                                                                                          |
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| <div style="text-align: right;"> <br/> <b>L1.01</b> </div>                                                                                                                                                                                                                                       |                                                                                                          |

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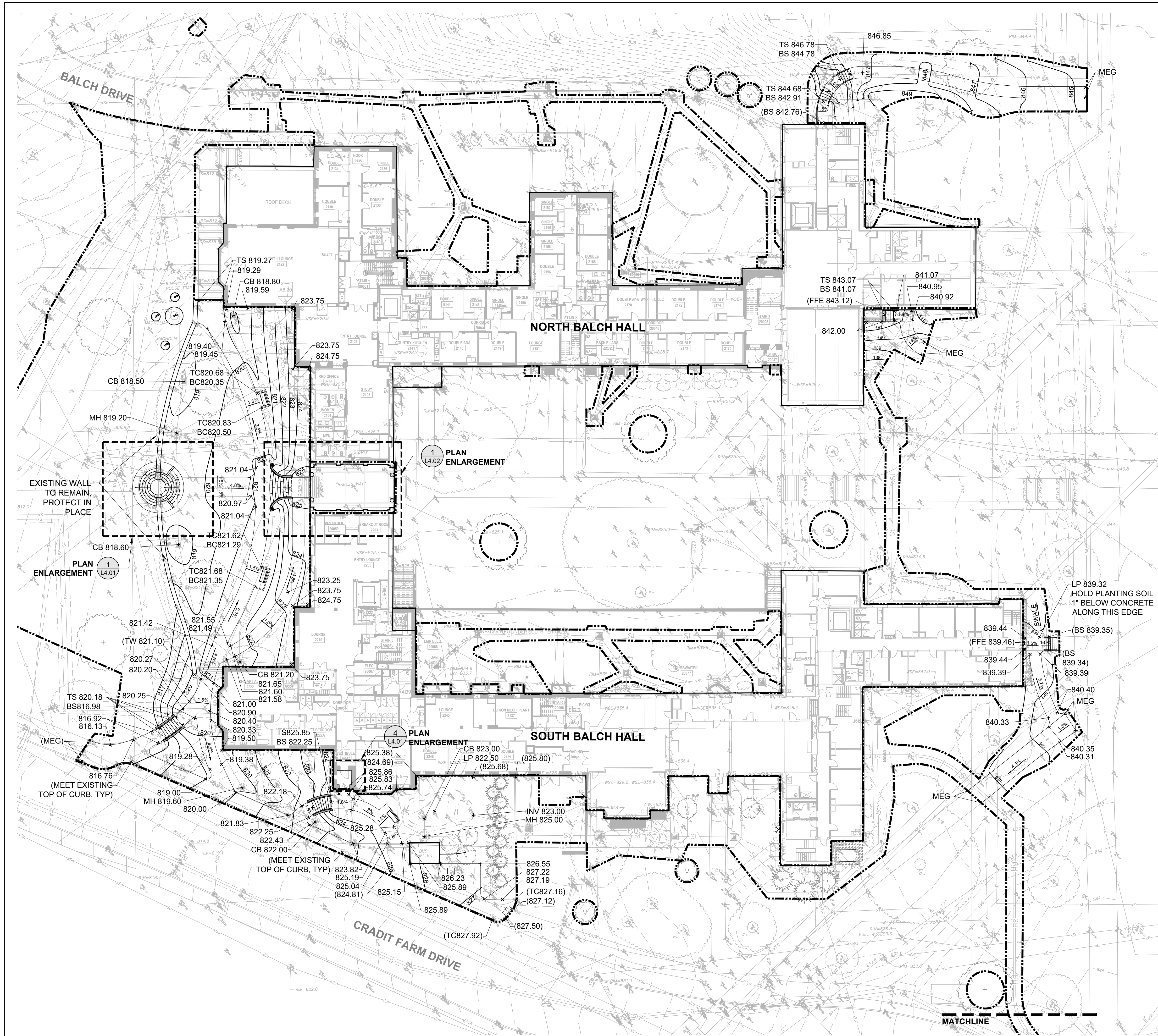
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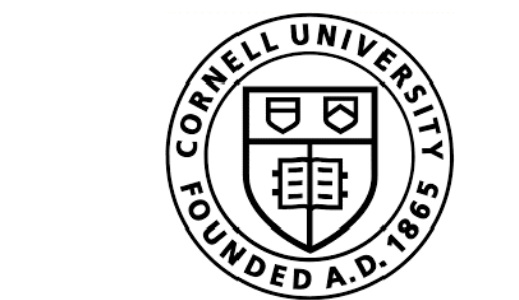


**GRADING LEGEND**

- LIMIT OF WORK**
- GRADING**
- (XX.XX) EXISTING SPOT ELEVATION
- XX.XX PROPOSED SPOT ELEVATION
- TS TOP OF STAIR
- BS BOTTOM OF STAIR
- TW TOP OF WALL
- BW BOTTOM OF WALL
- LP LOW POINT
- MEG MEET EXISTING GRADE
- MH MAN HOLE
- CB CATCH BASIN
- INV INVERT

**NOTES:**

IN AREAS OF DISTURBANCE THAT DO NOT INDICATE NEW CONTOURS OR SPOT GRADE ELEVATIONS, CONTRACTOR SHALL INSTALL NEW MATERIALS TO MATCH THE GRADES OF THE EXISTING FIELD CONDITION WITH SMOOTH TRANSITIONS & NO ABRUPT CHANGES IN GRADE.



**BALCH HALL RENOVATION**

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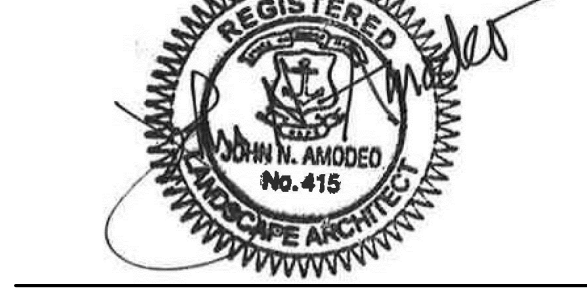
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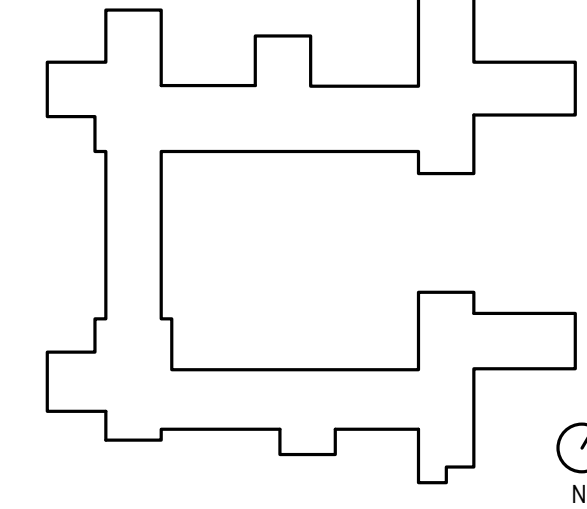
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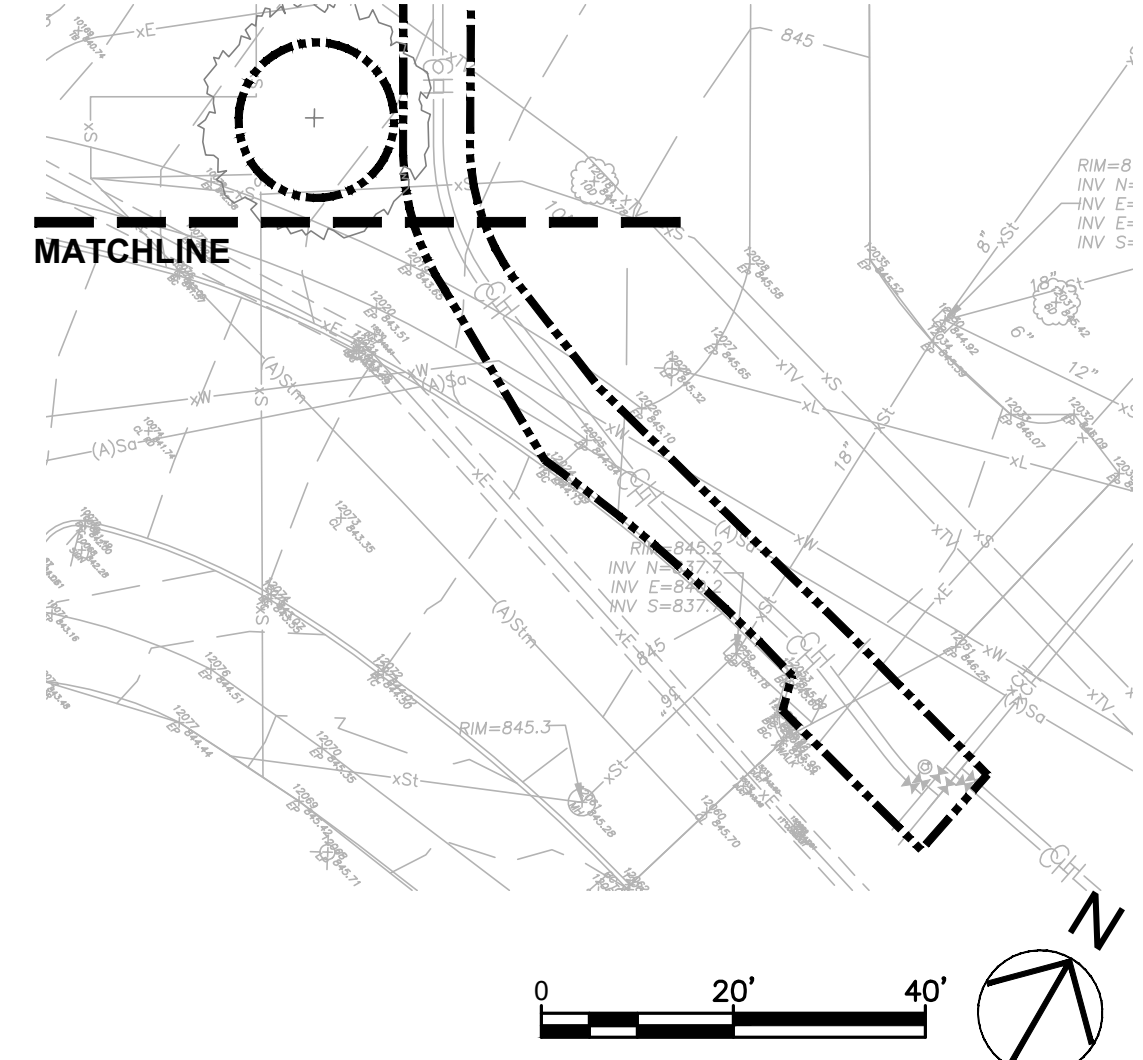
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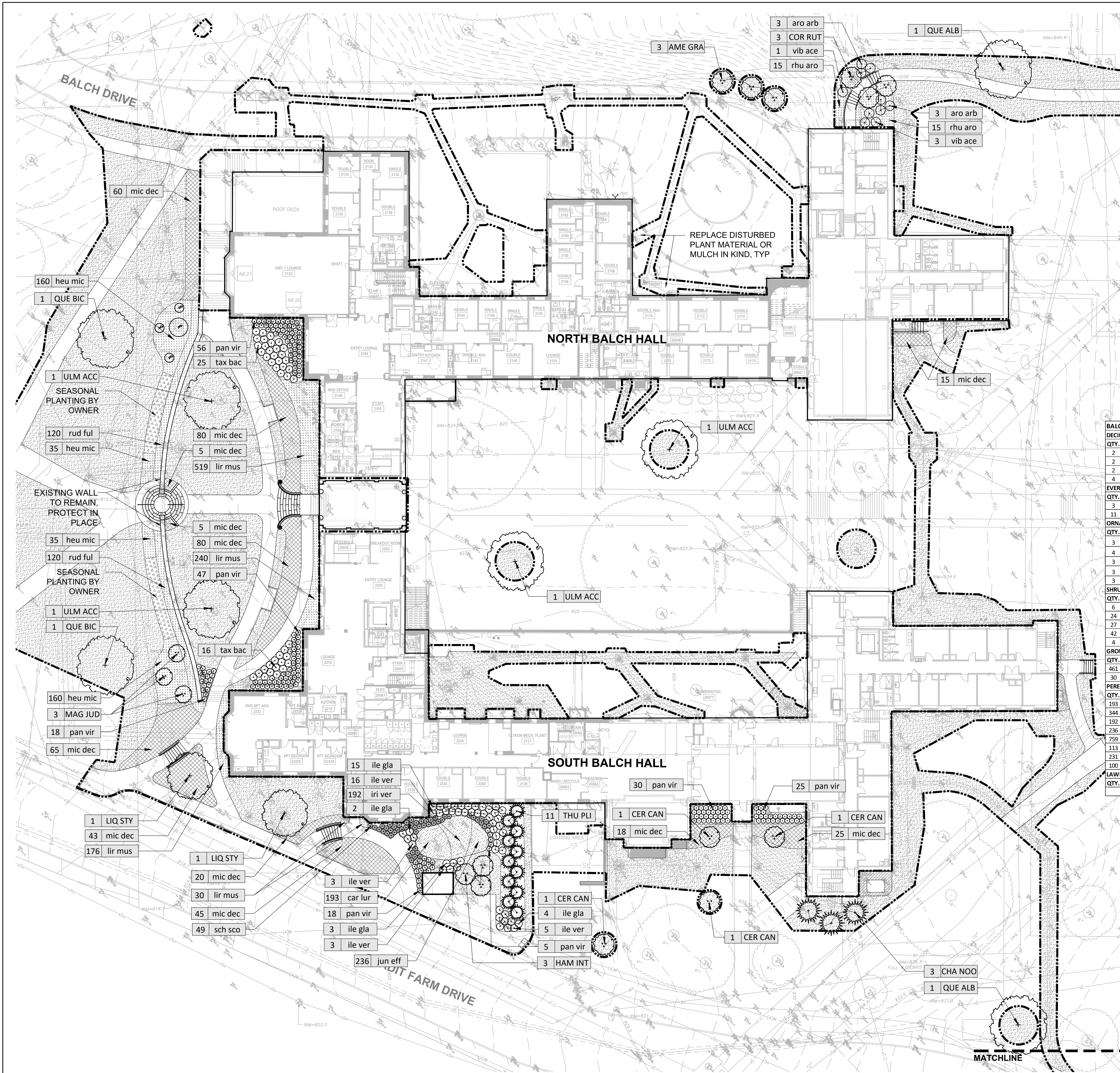
**GRADING PLAN**

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DRAWING NO.:

**L1.02**







**PLANTING LEGEND**

--- LIMIT OF WORK

**PLANTING**

- EXISTING TREE TO REMAIN (FOR REFERENCE ONLY)
- DECIDUOUS CANOPY TREE 1  
L5.03
- EVERGREEN TREE 1  
L5.03
- ORNAMENTAL TREE 1  
L5.03
- SHRUBS 3/4  
L5.03/L5.03
- GROUNDCOVER 7  
L5.03
- WETLAND GROUNDCOVERS 7  
L5.03
- SEASONAL PLANTING BY OWNER
- LAWN 5/6  
L5.03/L5.03
- STONE MAINTENANCE STRIP 6  
L5.01

**BALCH HALL PLANT LIST**

**DECIDUOUS CANOPY TREES**

| QTY. | SYM.    | BOTANICAL NAME                           | COMMON NAME     | SIZE   | SPACING | COMMENTS            |
|------|---------|------------------------------------------|-----------------|--------|---------|---------------------|
| 2    | LIQ STY | <i>Liquidambar styraciflua 'Moraine'</i> | Sweetgum        | 3" cal |         | B&B                 |
| 2    | QUE ALB | <i>Quercus alba</i>                      | White Oak       | 3" cal |         | B&B                 |
| 2    | QUE BIC | <i>Quercus bicolor</i>                   | Swamp White Oak | 6" cal |         | B&B, Specimen trees |
| 4    | ULM ACC | <i>Ulmus x 'Morton'</i>                  | Accolade Elm    | 6" cal |         | B&B, Specimen trees |

**EVERGREEN TREES**

| QTY. | SYM.    | BOTANICAL NAME                                  | COMMON NAME            | SIZE    | SPACING | COMMENTS |
|------|---------|-------------------------------------------------|------------------------|---------|---------|----------|
| 3    | CHA NOO | <i>Chamaecyparis nootkatensis</i>               | Nootka Cypress         | 12' ht. |         | B&B      |
| 11   | THU PLI | <i>Thuja standishii x plicata 'Green Giant'</i> | Green Giant Arborvitae | 12' ht. |         | B&B      |

**ORNAMENTAL TREES**

| QTY. | SYM.    | BOTANICAL NAME                                     | COMMON NAME            | SIZE      | SPACING | COMMENTS                |
|------|---------|----------------------------------------------------|------------------------|-----------|---------|-------------------------|
| 3    | AME GRA | <i>Amelanchier grandiflora 'Autumn Brilliance'</i> | Serviceberry           | 8-10' ht. |         | B&B; multi-stem         |
| 4    | CER CAN | <i>Cercis canadensis 'Ace of Hearts'</i>           | Compact Eastern Redbud | 8-10' ht. |         | B&B; multi-stem         |
| 3    | COR RUT | <i>Cornus 'Rutdan' 'Celestial'</i>                 | Rutgers Hybrid Dogwood | 8-10' ht. |         | B&B; single stem; white |
| 3    | HAM INT | <i>Hamamelis x intermedia 'Diane'</i>              | Witch Hazel            | 8-10' ht. |         | B&B; multi-stem         |
| 3    | MAG JUD | <i>Magnolia x Brooklynsis 'Judy Zuk'</i>           | Judy Zuk Magnolia      | 8-10' ht. |         | B&B; multi-stem         |

**SHRUBS**

| QTY. | SYM.    | BOTANICAL NAME                              | COMMON NAME             | SIZE      | SPACING | COMMENTS |
|------|---------|---------------------------------------------|-------------------------|-----------|---------|----------|
| 6    | aro arb | <i>Aronia arbutifolia 'Brilliantissima'</i> | Chokeberry              | 3' ht.    | 4' O.C. |          |
| 24   | ile gla | <i>Ilex glabra</i>                          | Inkberry                | 2'-3' ht. | 4' O.C. |          |
| 27   | ile ver | <i>Ilex verticillata 'Red Sprite'</i>       | Winterberry             | 2'-3' ht. | 3' O.C. |          |
| 42   | tax bac | <i>Taxus baccata 'Repandens'</i>            | Repandens Spreading Yew | 2'-3' ht. | 3' O.C. |          |
| 4    | vib ace | <i>Viburnum acerifolium</i>                 | Mapleleaf Viburnum      | 3' ht.    | 3' O.C. |          |

**GROUNDCOVER**

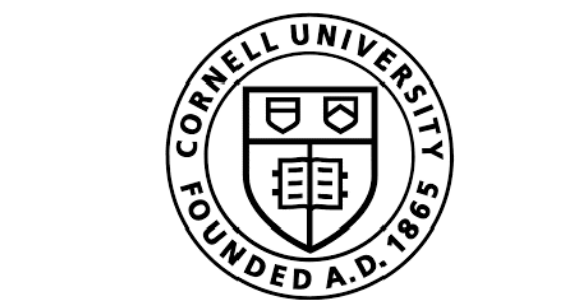
| QTY. | SYM.    | BOTANICAL NAME                  | COMMON NAME     | SIZE       | SPACING | COMMENTS |
|------|---------|---------------------------------|-----------------|------------|---------|----------|
| 461  | mic dec | <i>Microbiota decussata</i>     | Russian cypress | 2 gal. pot | 3' O.C. |          |
| 30   | rhu aro | <i>Rhus aromatica 'Gro Low'</i> | Fragrant Sumac  | 2 gal. pot | 2' O.C. |          |

**PERENNIALS**

| QTY. | SYM.    | BOTANICAL NAME                                    | COMMON NAME                      | SIZE       | SPACING  | COMMENTS |
|------|---------|---------------------------------------------------|----------------------------------|------------|----------|----------|
| 193  | car lur | <i>Carex lurida</i>                               | Shallow Sedge                    | 4" pot     | 12" O.C. |          |
| 344  | heu mic | <i>Heuchera micrantha 'Palace Purple'</i>         | Blue Bells                       | 2 gal. pot | 18" O.C. |          |
| 192  | iri ver | <i>Iris versicolor</i>                            | Blue Flag Iris                   | 4" pot     | 12" O.C. |          |
| 236  | jun eff | <i>Juncus effusus</i>                             | Soft Rush                        | 4" pot     | 8" O.C.  |          |
| 799  | lir mis | <i>Liriope miscan</i>                             | Big Blue Lilyturf                | 1 gal. pot | 12" O.C. |          |
| 113  | pan vir | <i>Panicum virgatum 'Shenandoah'</i>              | Shenandoah Switchgrass           | 2 gal. pot | 3' O.C.  |          |
| 231  | rud ful | <i>Rudbeckia fulgida 'Goldsturm'</i>              | Black-eyed Susan                 | 2 gal. pot | 18" O.C. |          |
| 100  | sch sco | <i>Schizachyrium scaparium 'Standing Ovation'</i> | Standing Ovation Little Bluestem | 2 gal. pot | 12" O.C. |          |

**LAWN**

| QTY. | SYM. | BOTANICAL NAME                         | COMMON NAME | SIZE | SPACING | COMMENTS |
|------|------|----------------------------------------|-------------|------|---------|----------|
|      |      | Seed or sod, see specs for species mix |             |      |         |          |



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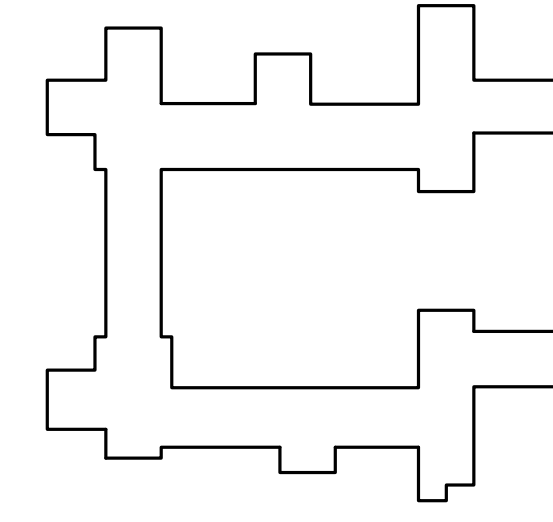
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ISSUE

**PLANTING PLAN**

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GOODY CLANCY PROJECT NUMBER: 07400

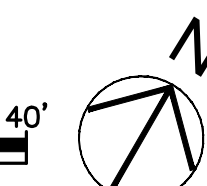
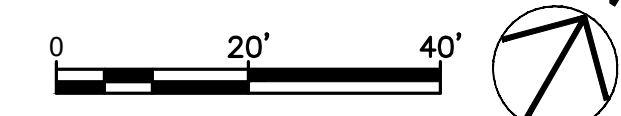
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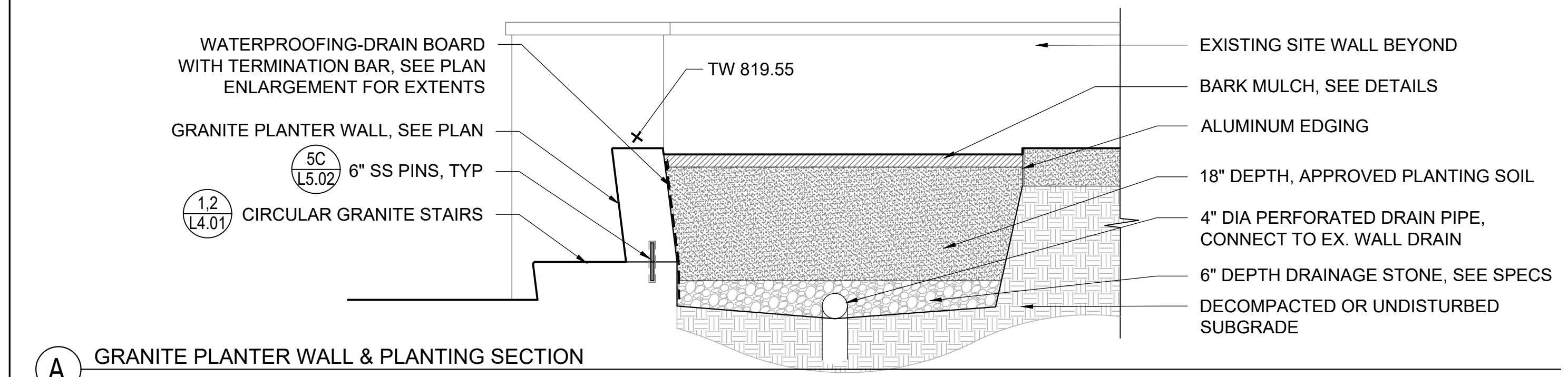
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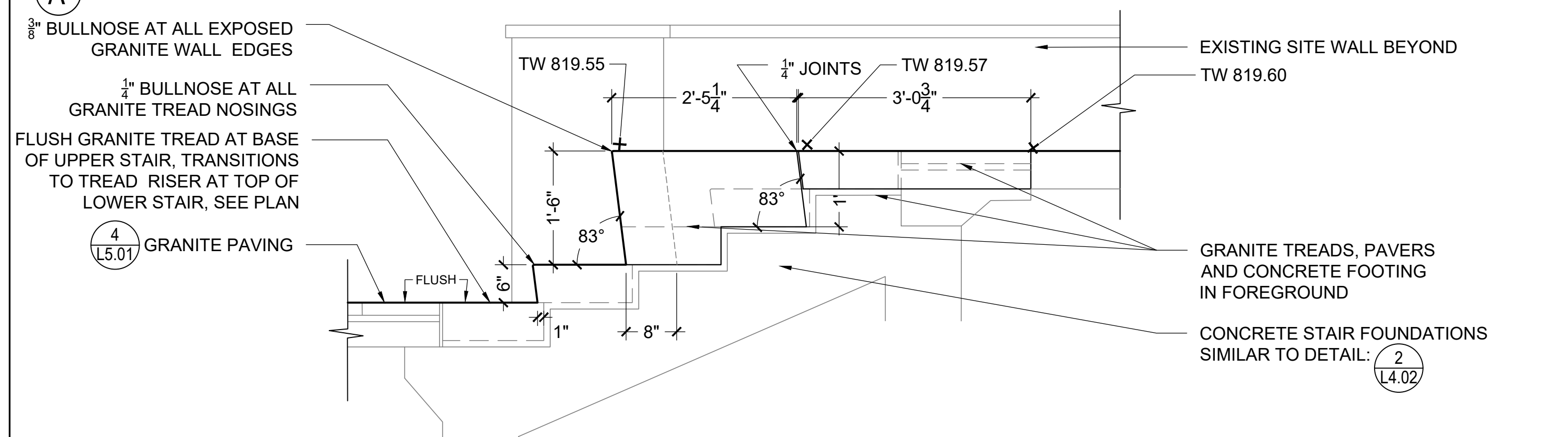
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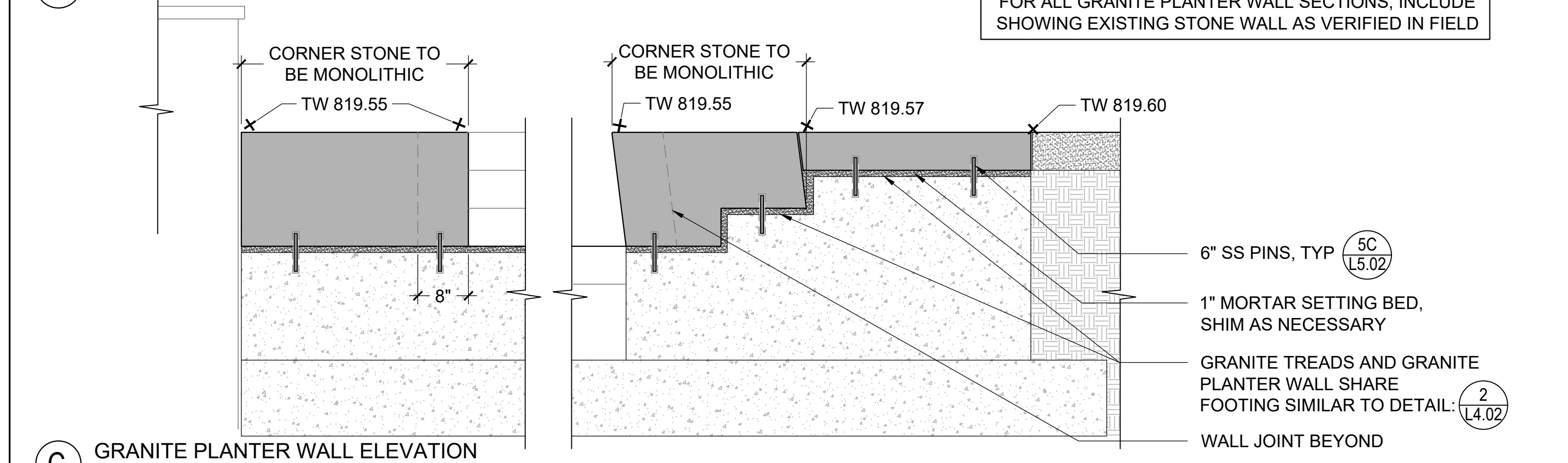




A GRANITE PLANTER WALL & PLANTING SECTION

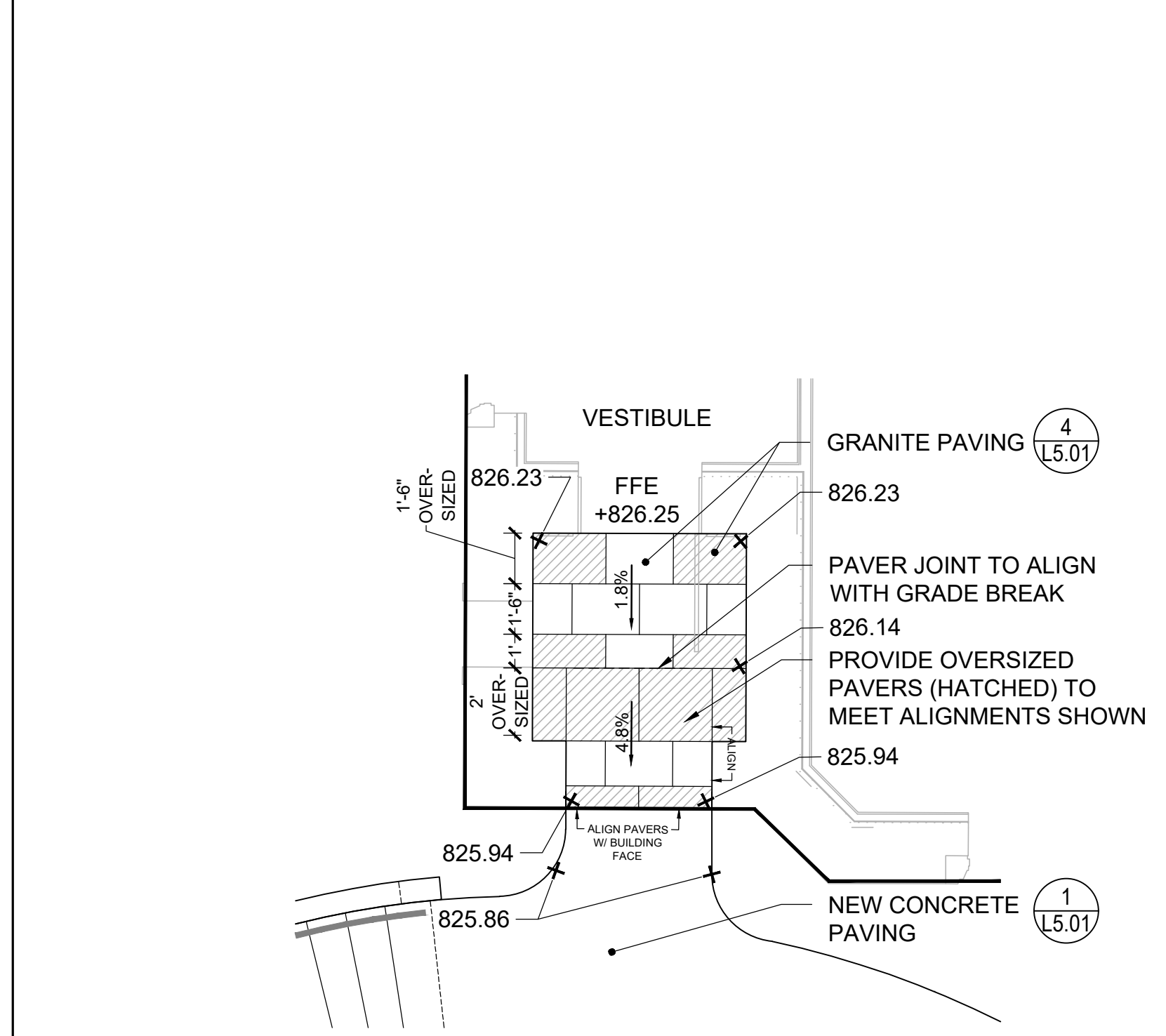


B GRANITE PLANTER WALL CONFIGURATION



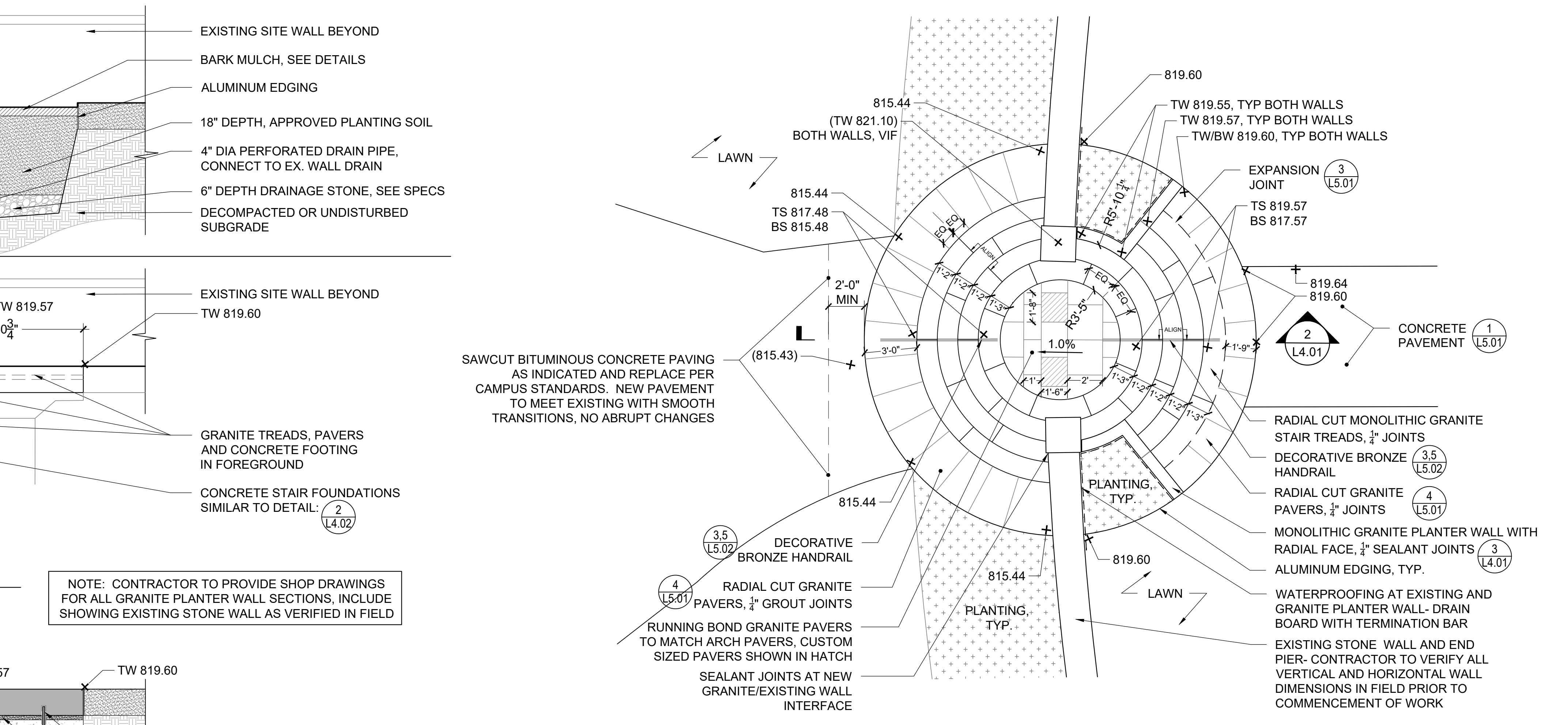
C GRANITE PLANTER WALL ELEVATION

3 GRANITE PLANTER WALL



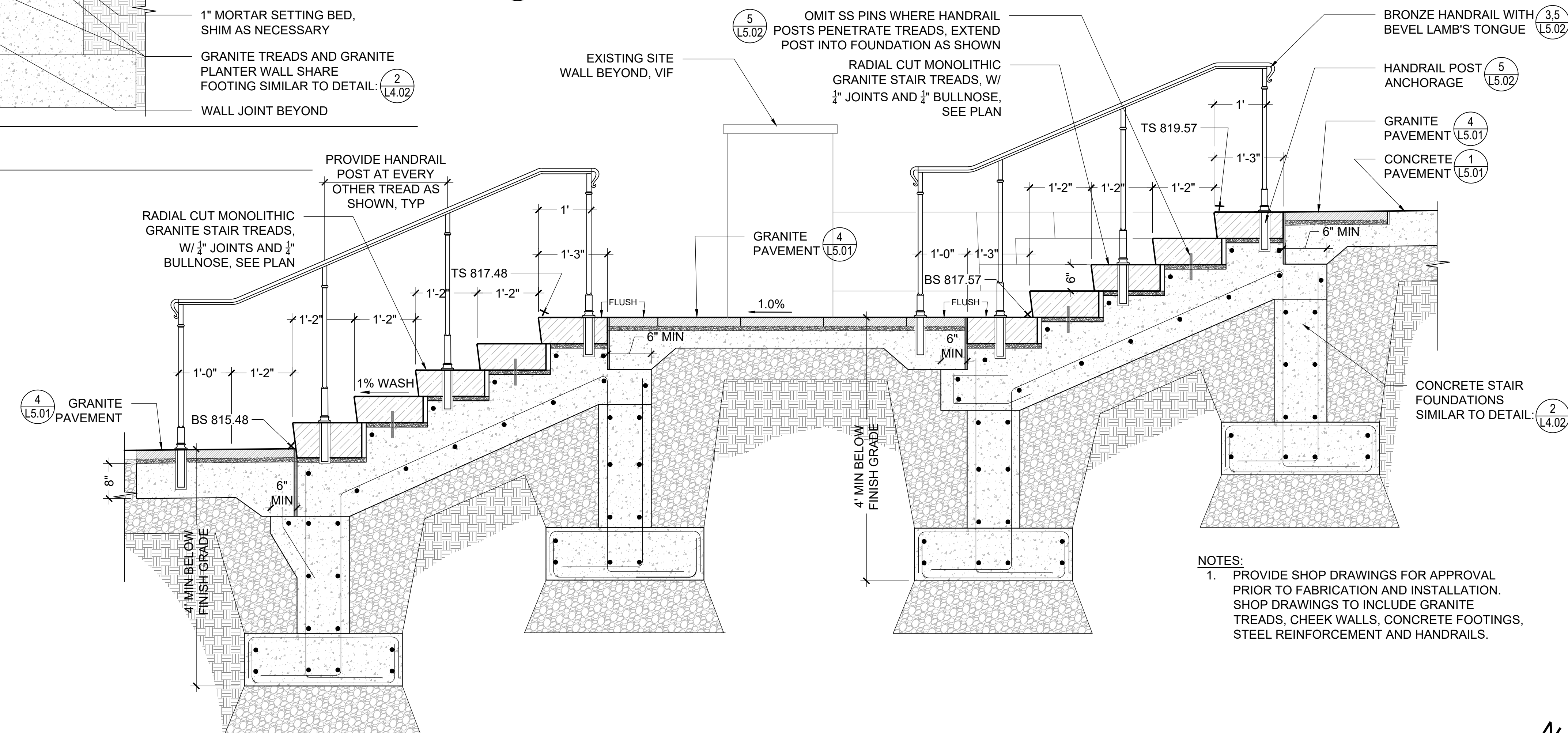
4 PLAN ENLARGEMENT - BALCH SOUTH ENTRY

1/4" = 1'0"



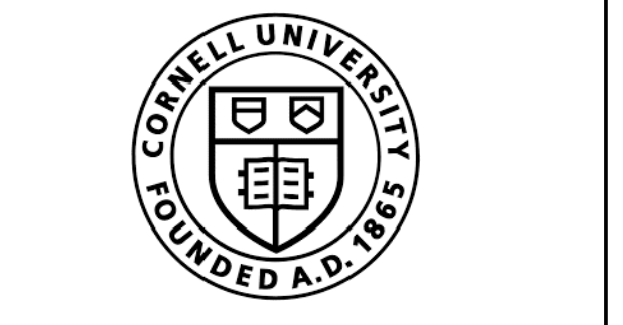
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1/4" = 1'0"



2 SECTIONS - CIRCULAR GRANITE STAIRS

1/4" = 1'0"



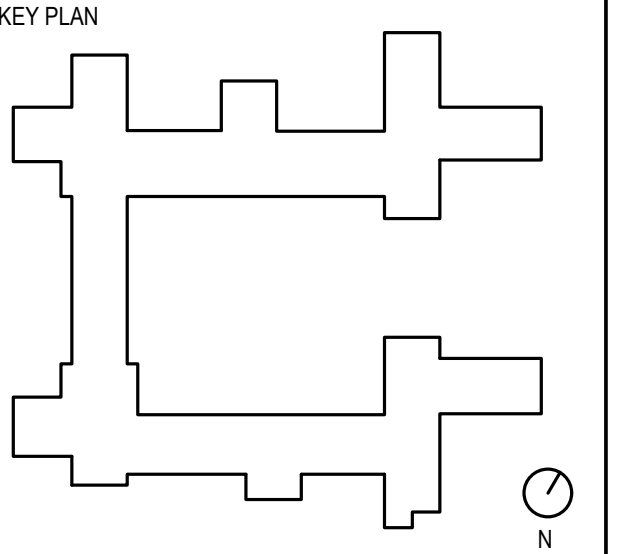
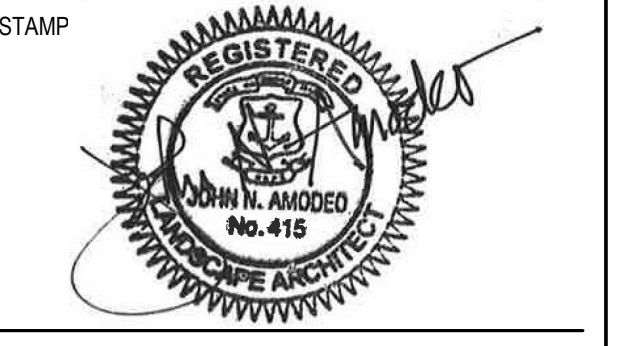
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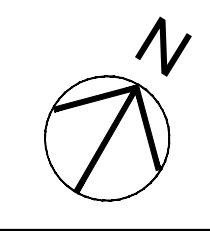
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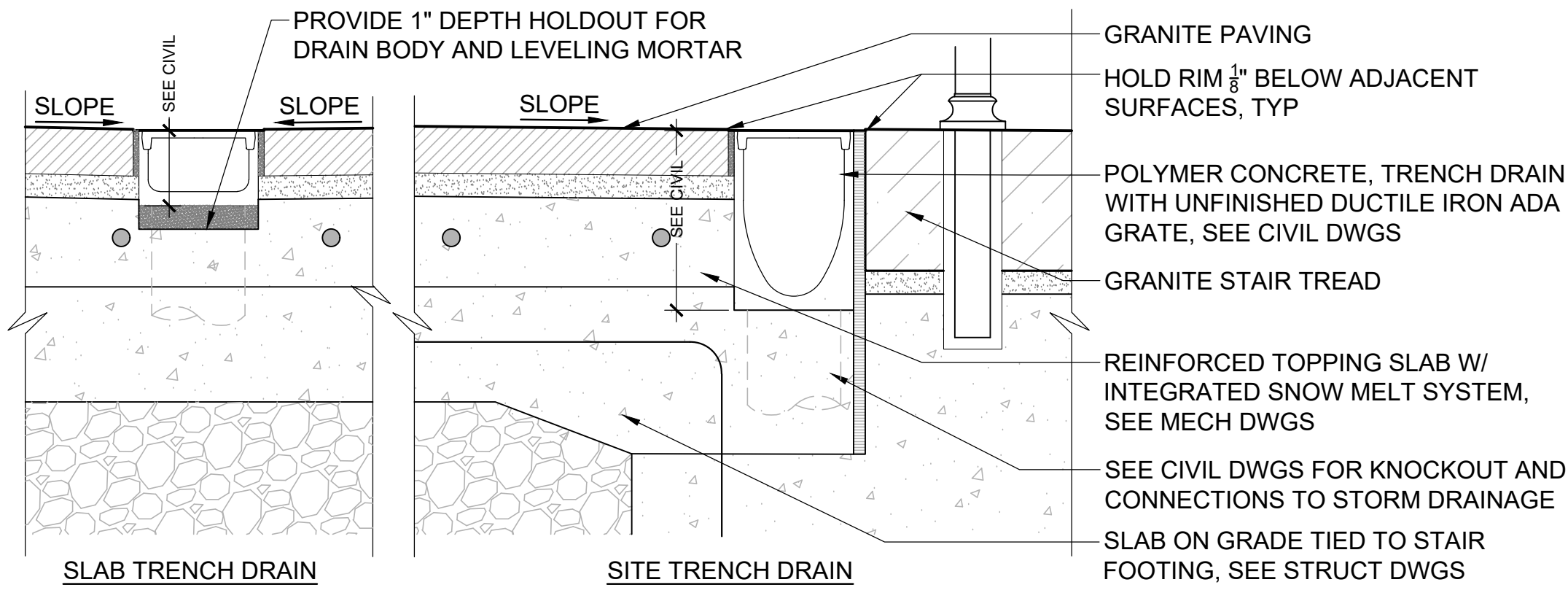
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**PLAN ENLARGEMENTS AND DETAILS**

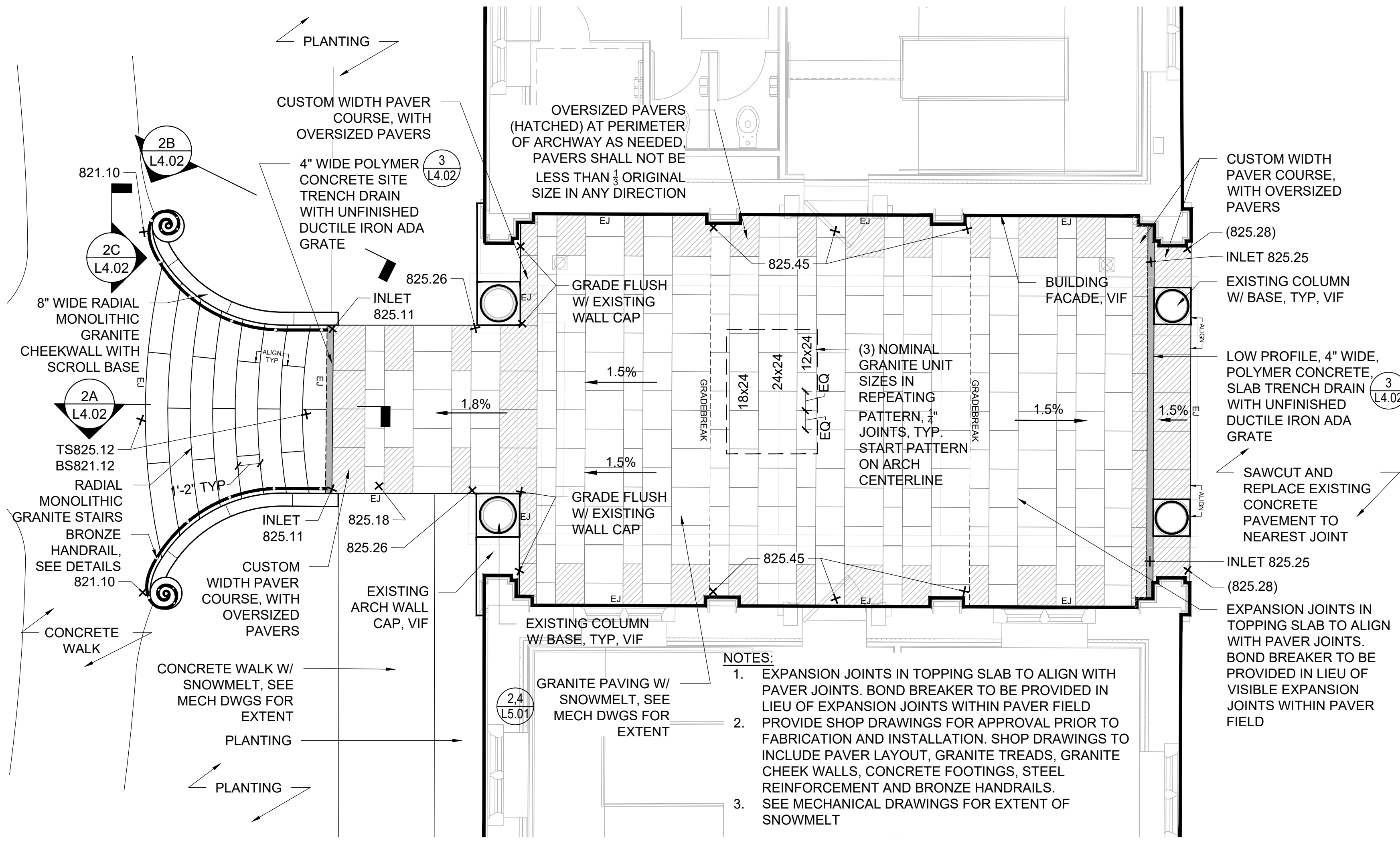
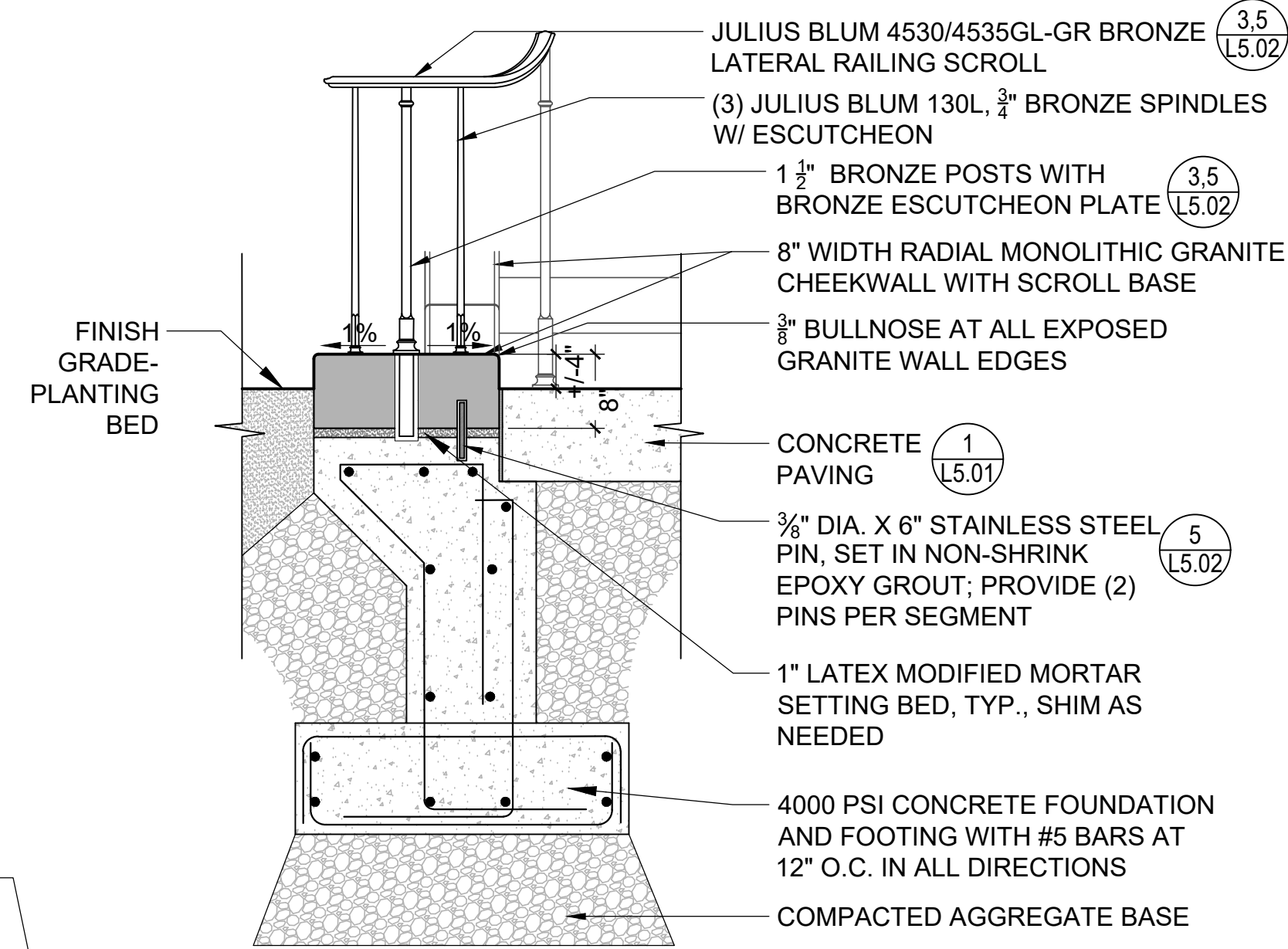
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DRAWING NO.:

**L4.01**

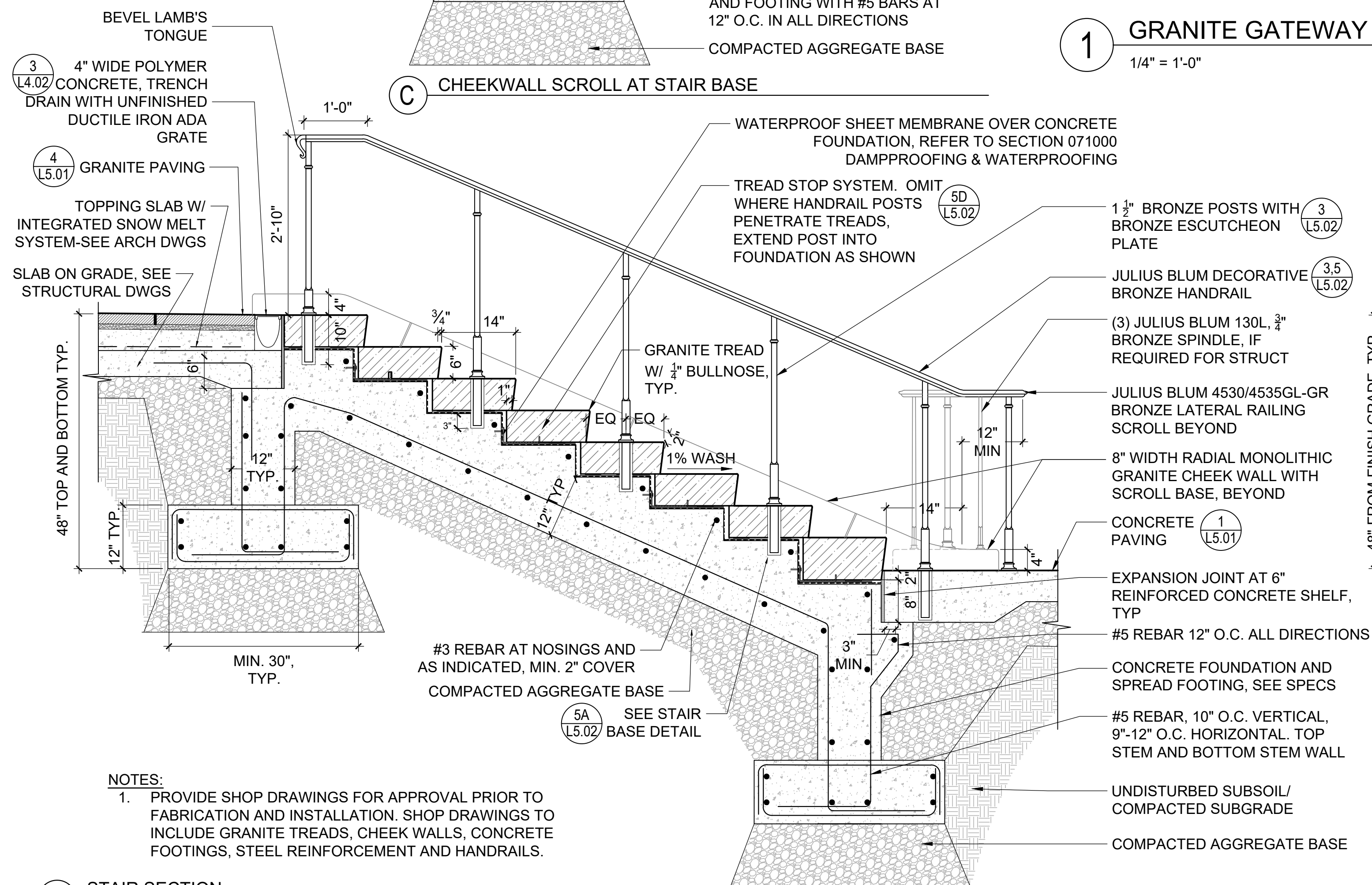




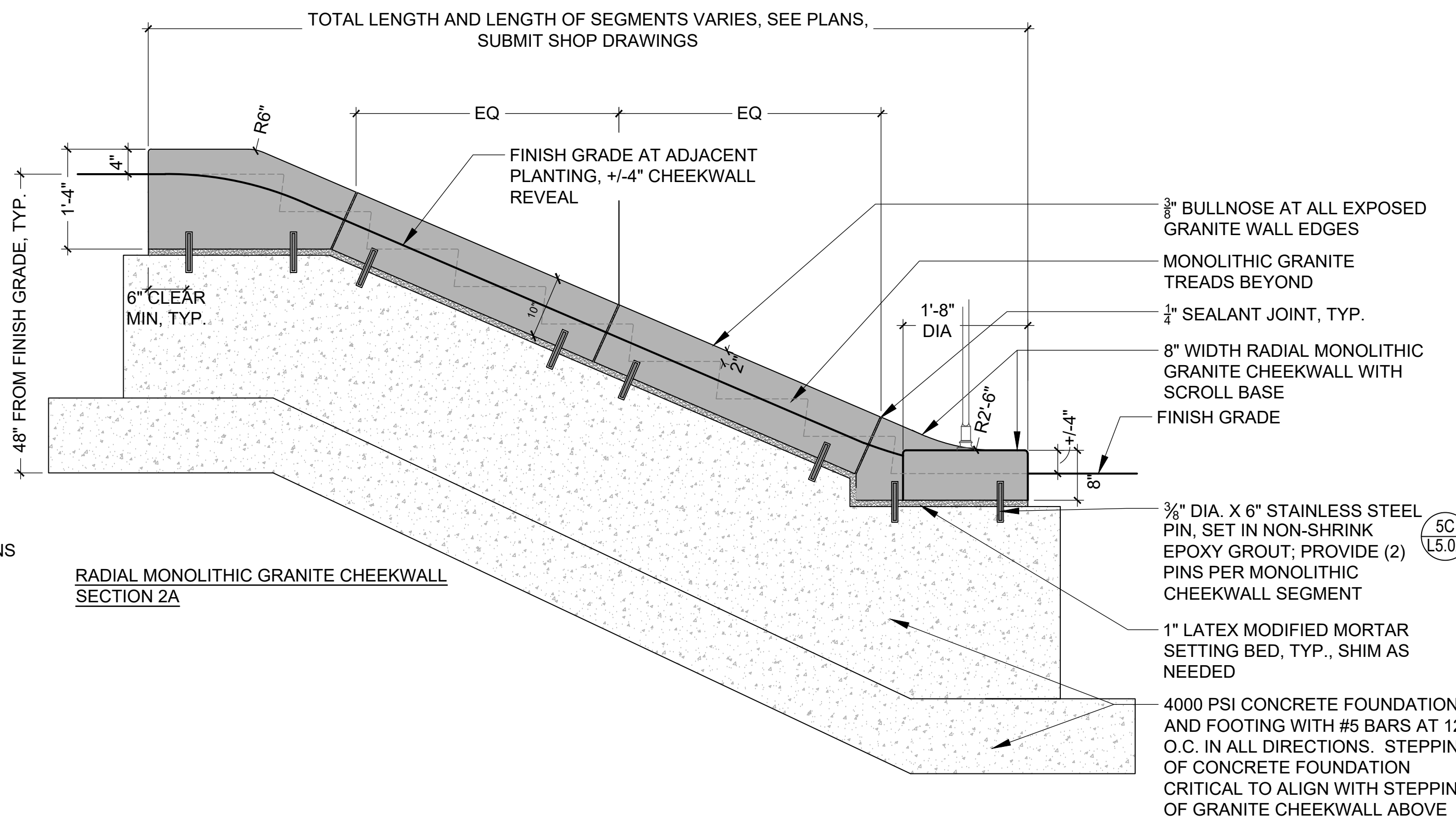
**3** TRENCH DRAINS  
SCALE: 3/4"=1'-0"



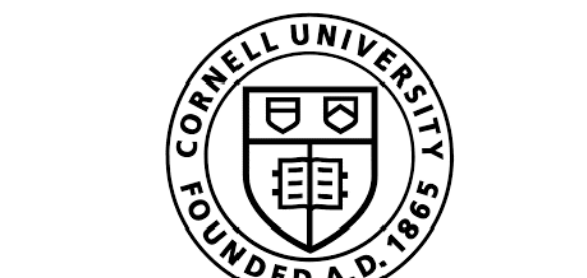
**1** GRANITE GATEWAY STAIRS AND ARCH PAVING LAYOUT  
1/4" = 1'-0"



**A** STAIR SECTION  
**2** GRANITE GATEWAY STAIRS WITH CHEEKWALL  
SCALE: 3/4"=1'-0"



**B** CHEEKWALL ELEVATION



### BALCH HALL RENOVATION

Cornell University

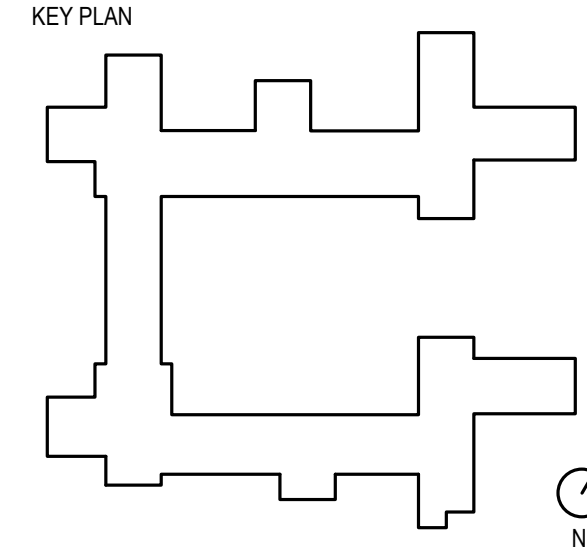
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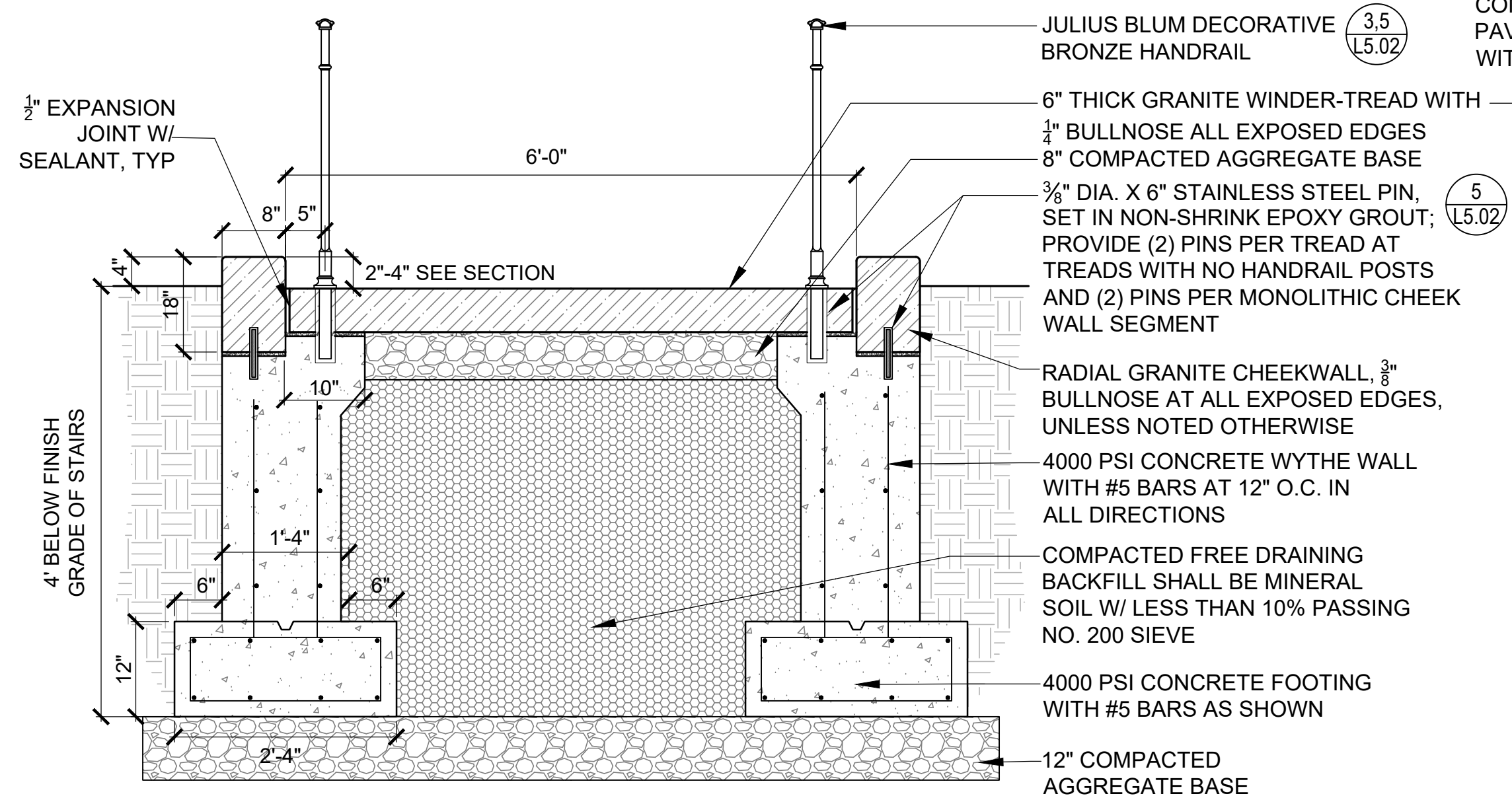
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### PLAN ENLARGEMENTS AND DETAILS

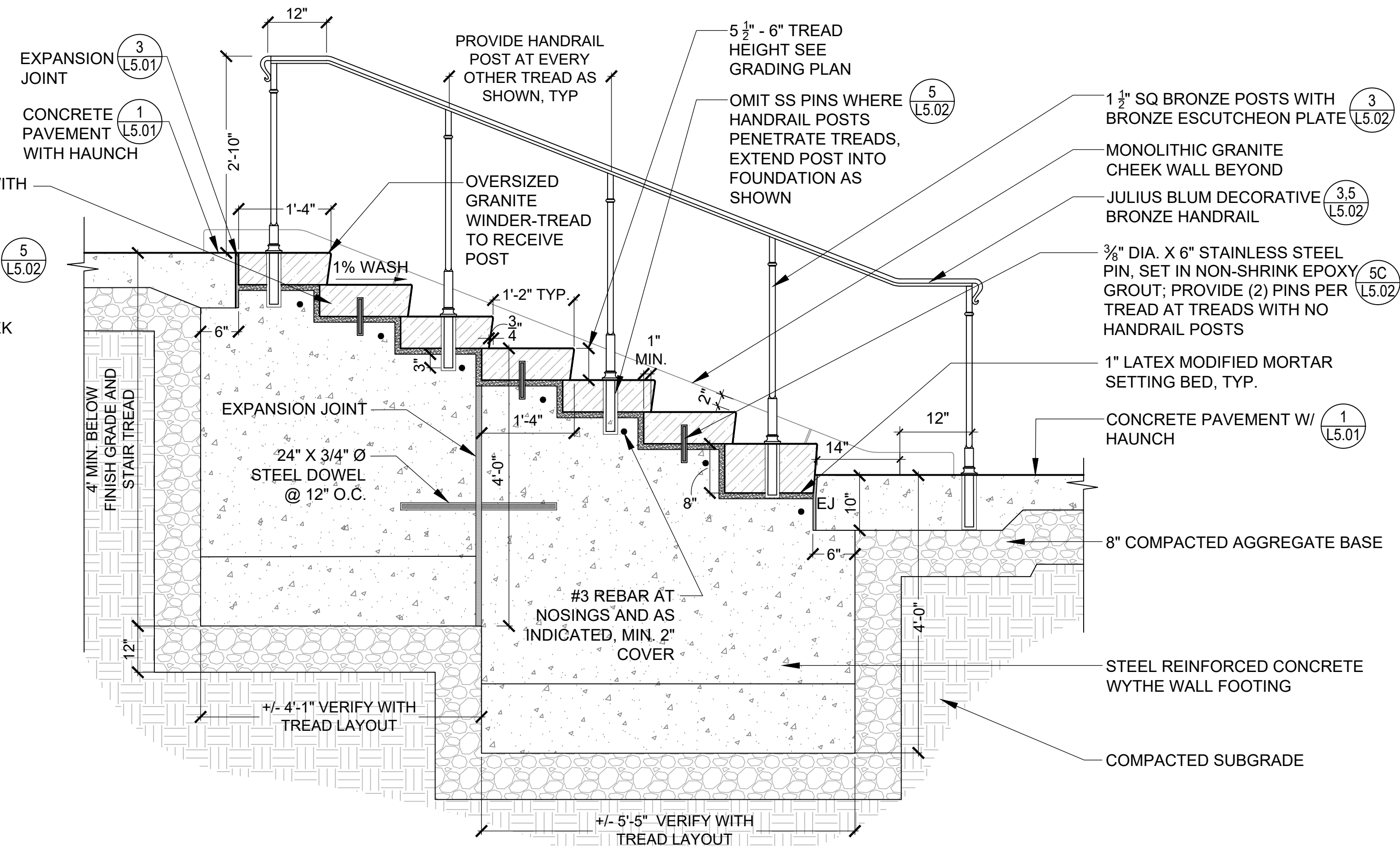
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GOODY CLANCY PROJECT NUMBER: 07400  
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DRAWN: TC DATE: 11/5/2021  
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DRAWING NO.:

# L4.02

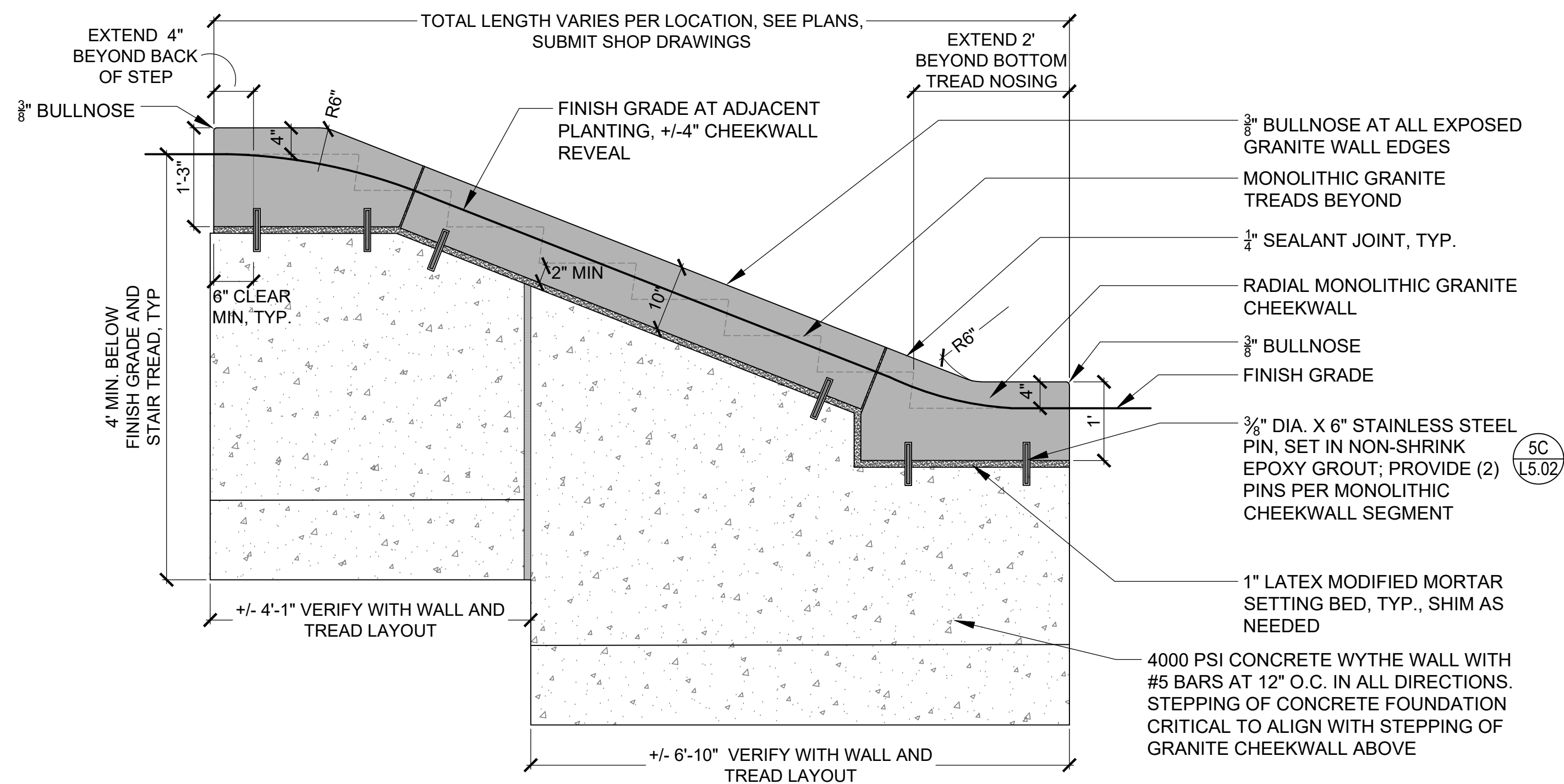


**NOTES:**  
 1. PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION. SHOP DRAWINGS TO INCLUDE GRANITE TREADS, CHEEK WALLS, CONCRETE FOOTINGS, STEEL REINFORCEMENT AND HANDRAILS.

**A** STAIR SECTION A-A'

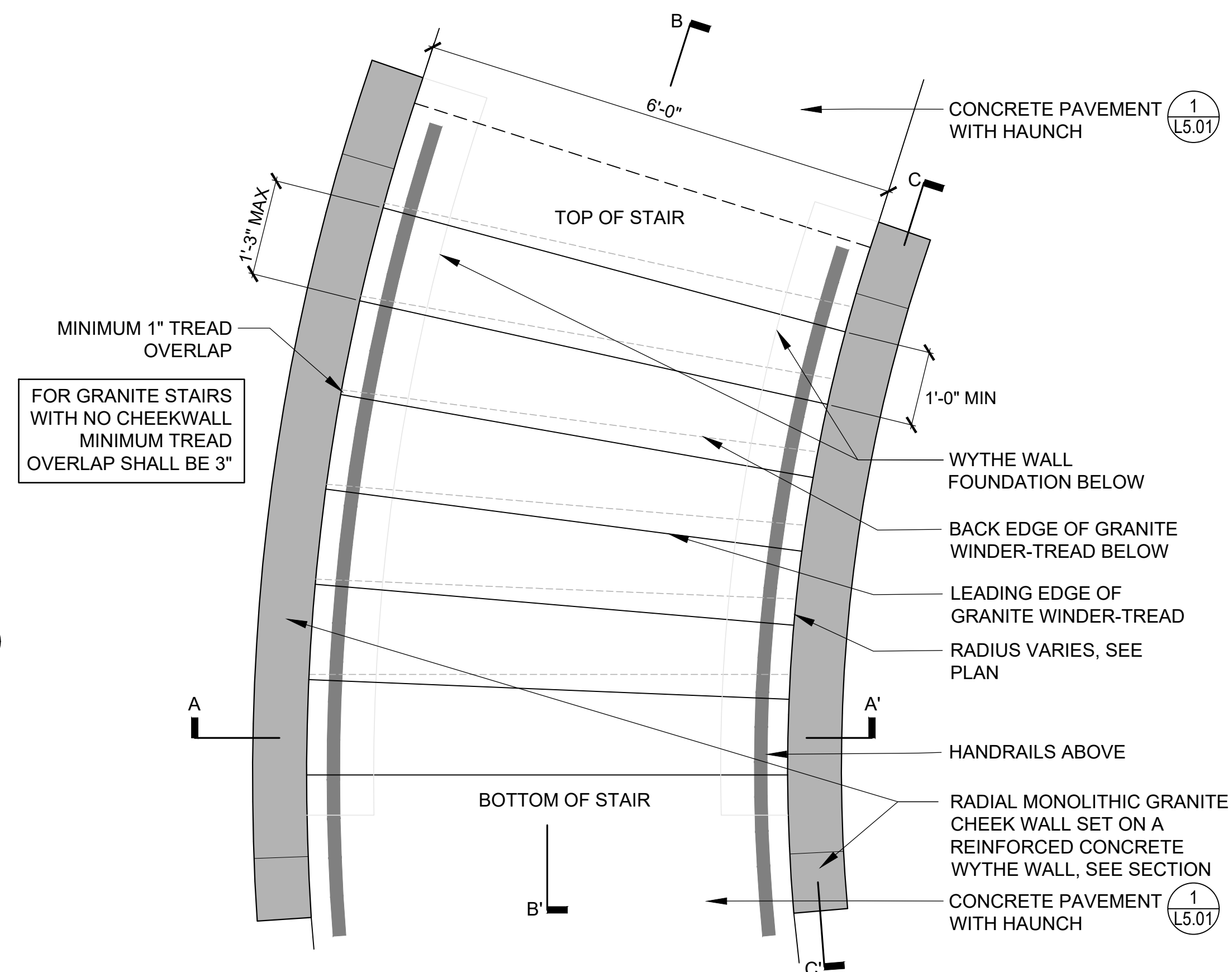


**B** STAIR SECTION B-B'

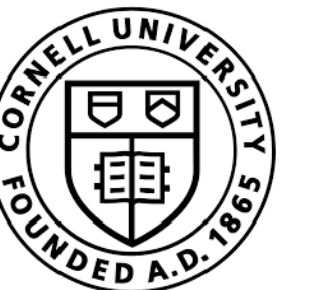


**C** MONOLITHIC GRANITE CHEEKWALL - SECTION C-C'

**1** GRANITE 'WINDER' STAIR WITH CHEEK WALL  
 SCALE: 3/4"=1'-0"



**D** STAIR PLAN VIEW



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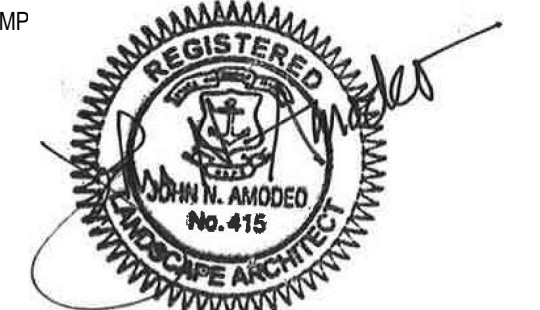
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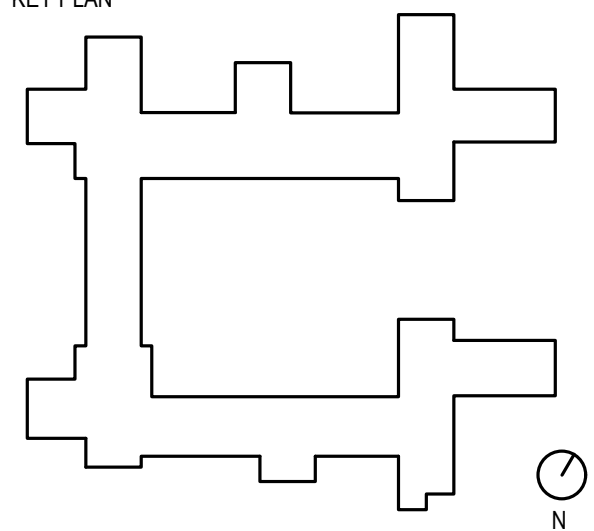
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DRAWN: TC

DATE: 11/5/2021

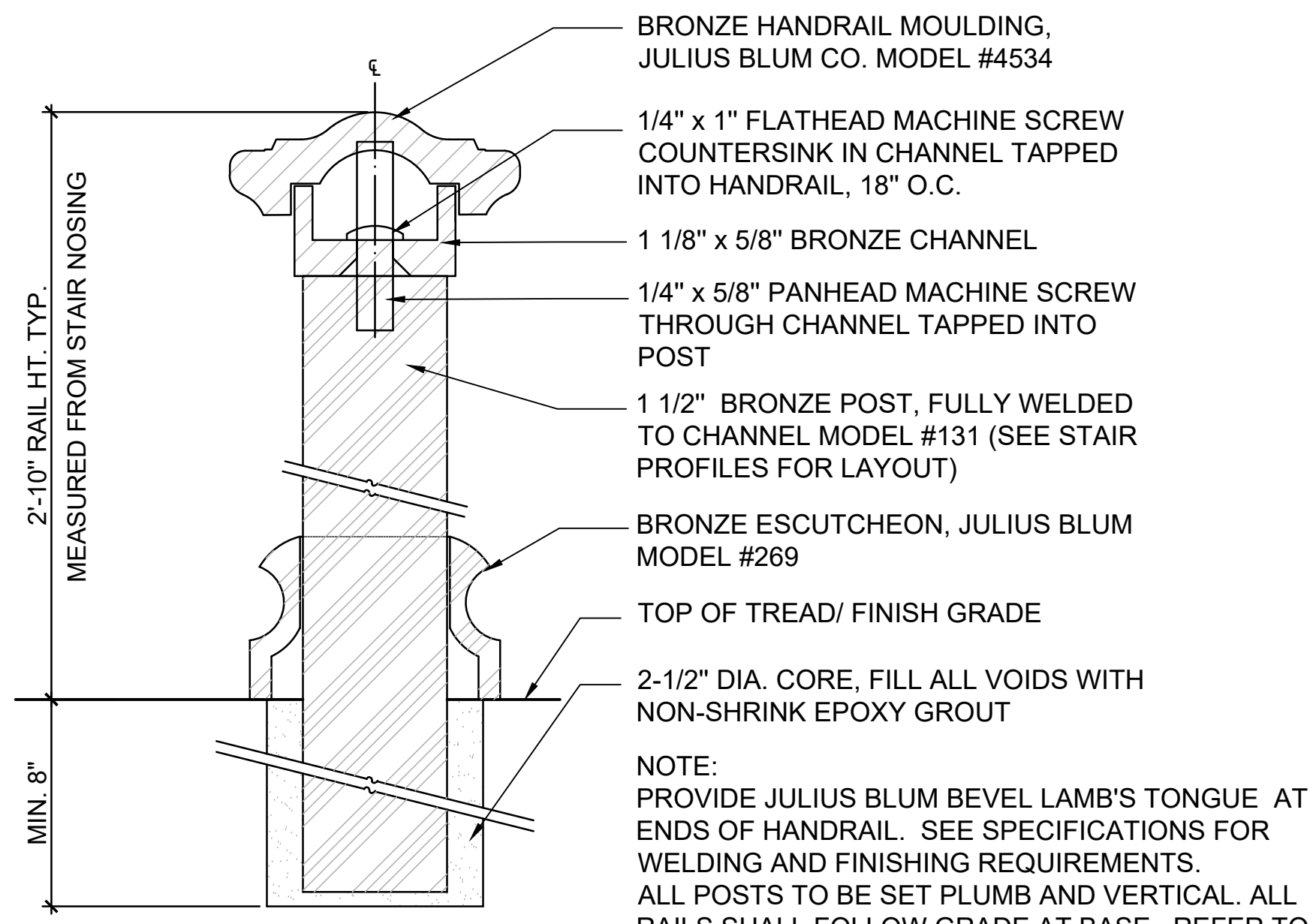
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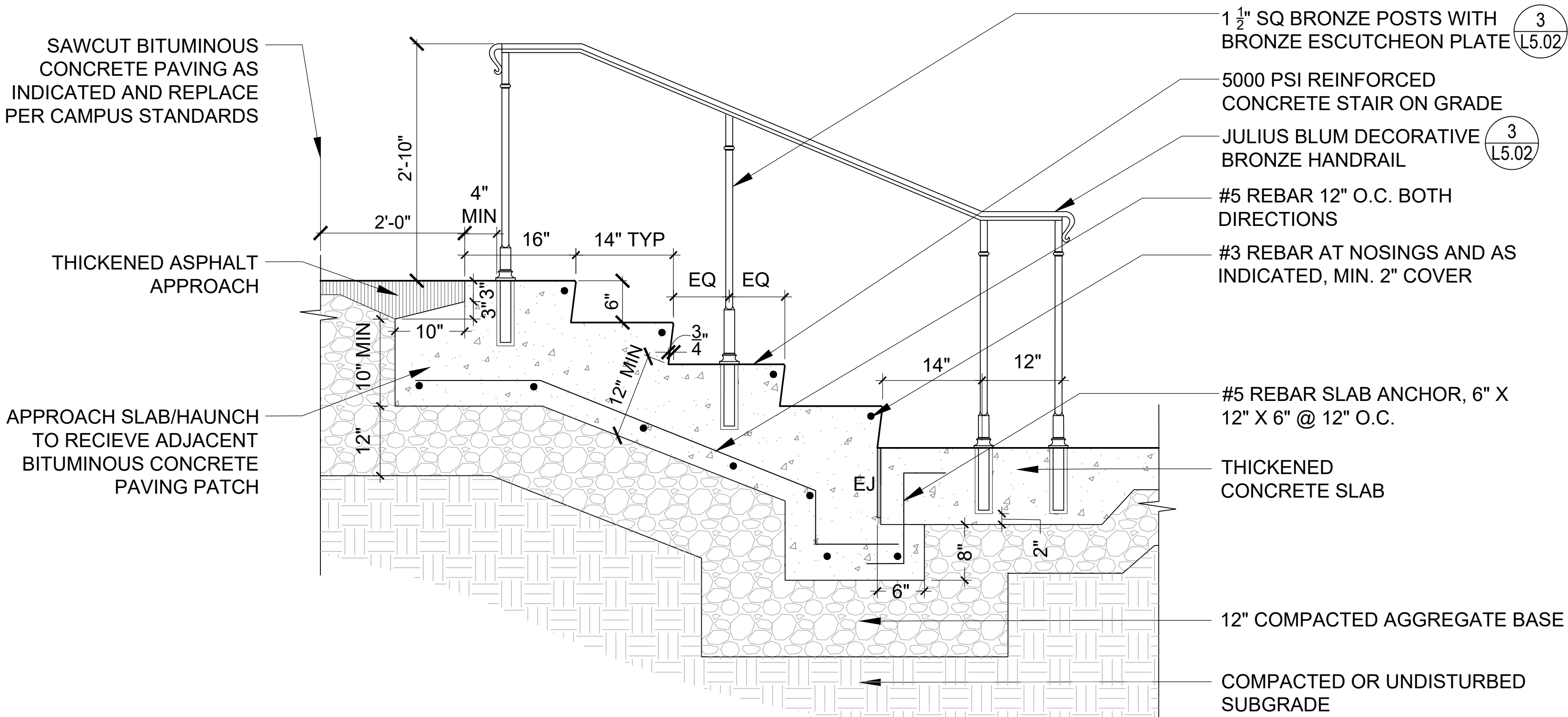
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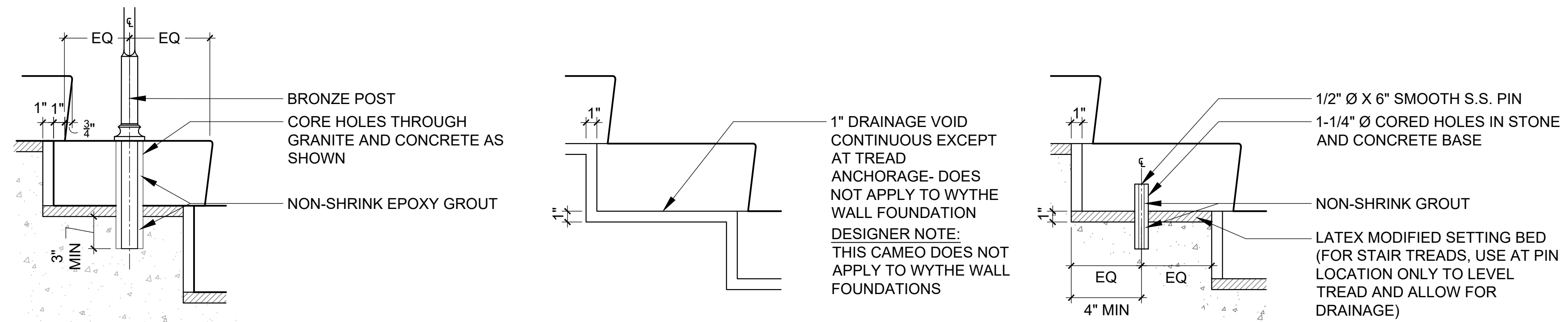
### 3 HANDRAIL DETAIL ENLARGEMENT

SCALE: 1:1



### 4 CONCRETE STAIR

NTS



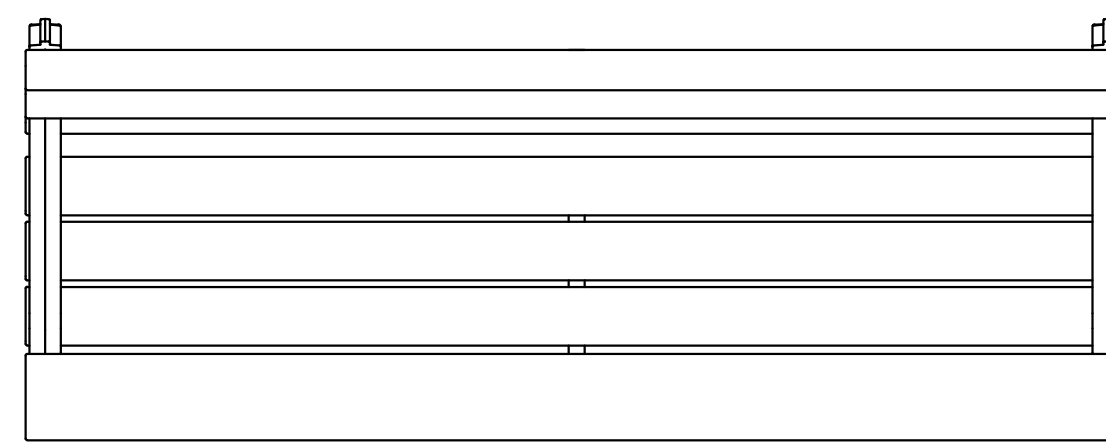
### A HANDRAIL POST ANCHORAGE

### B MID-TREAD DRAINAGE VOID

### C STAINLESS STEEL PIN ANCHORAGE

### 5 STAIR TREAD AND HANDRAIL POST ANCHORAGE

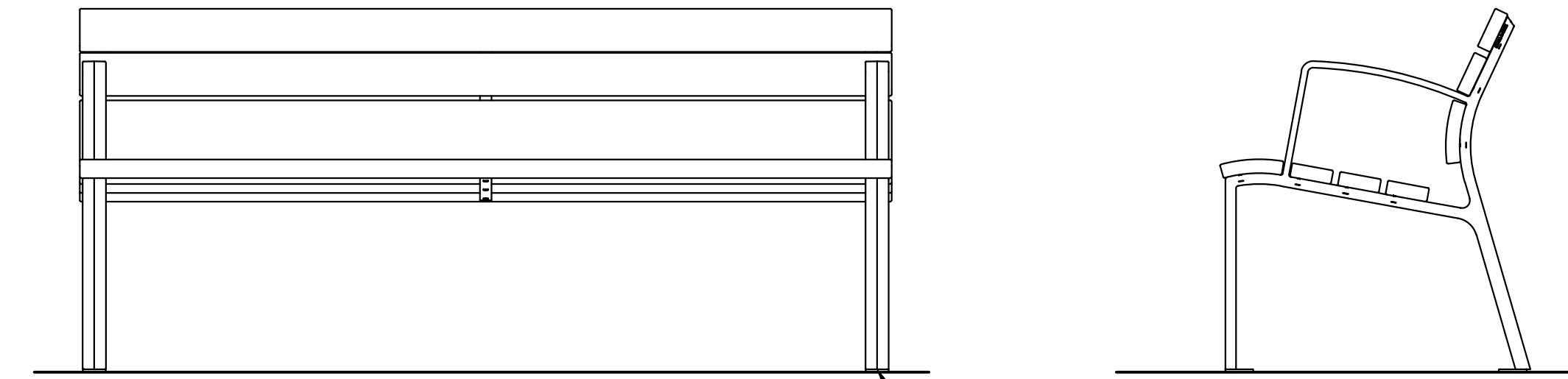
SCALE: 1/8"=1'-0"



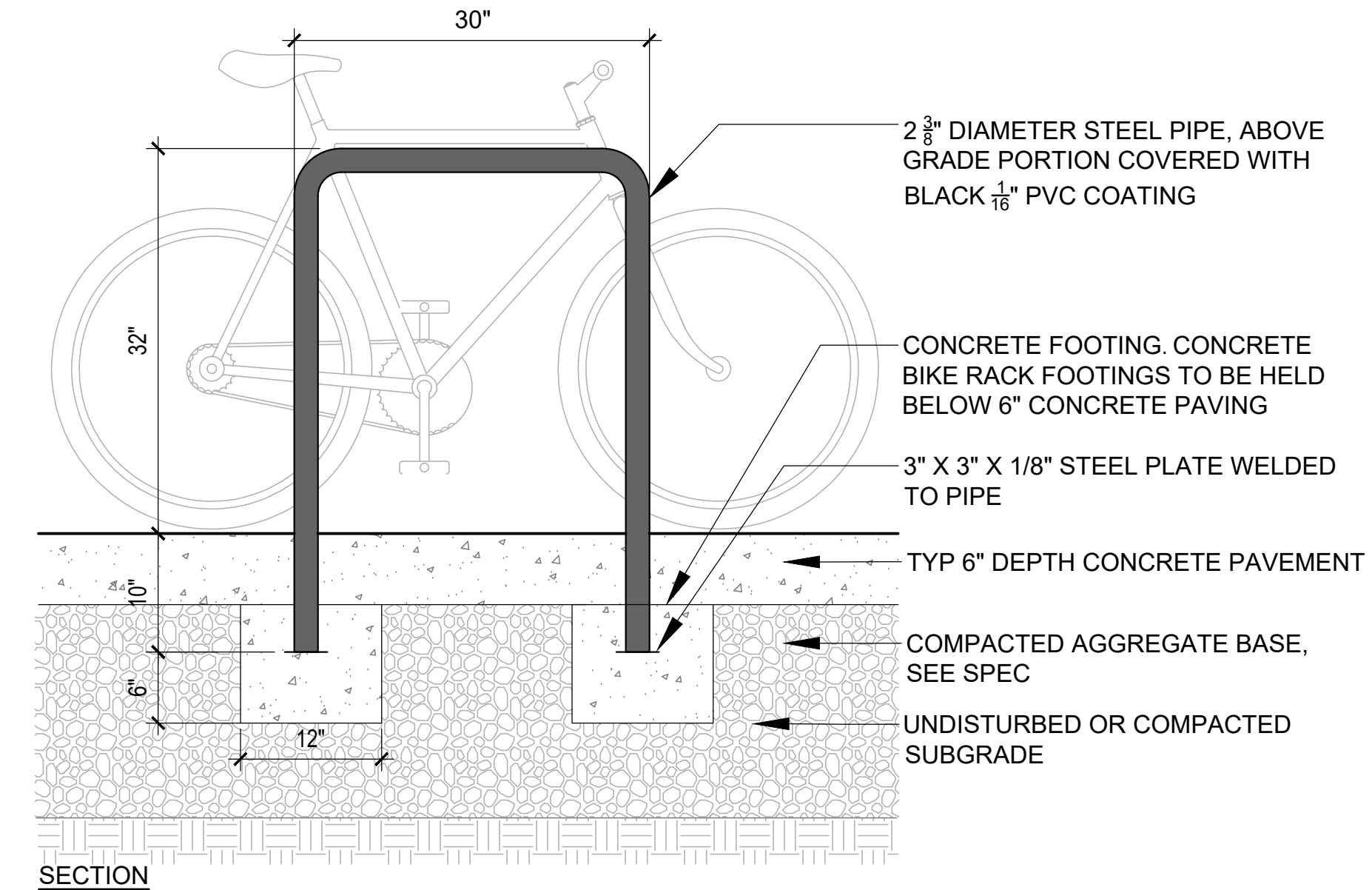
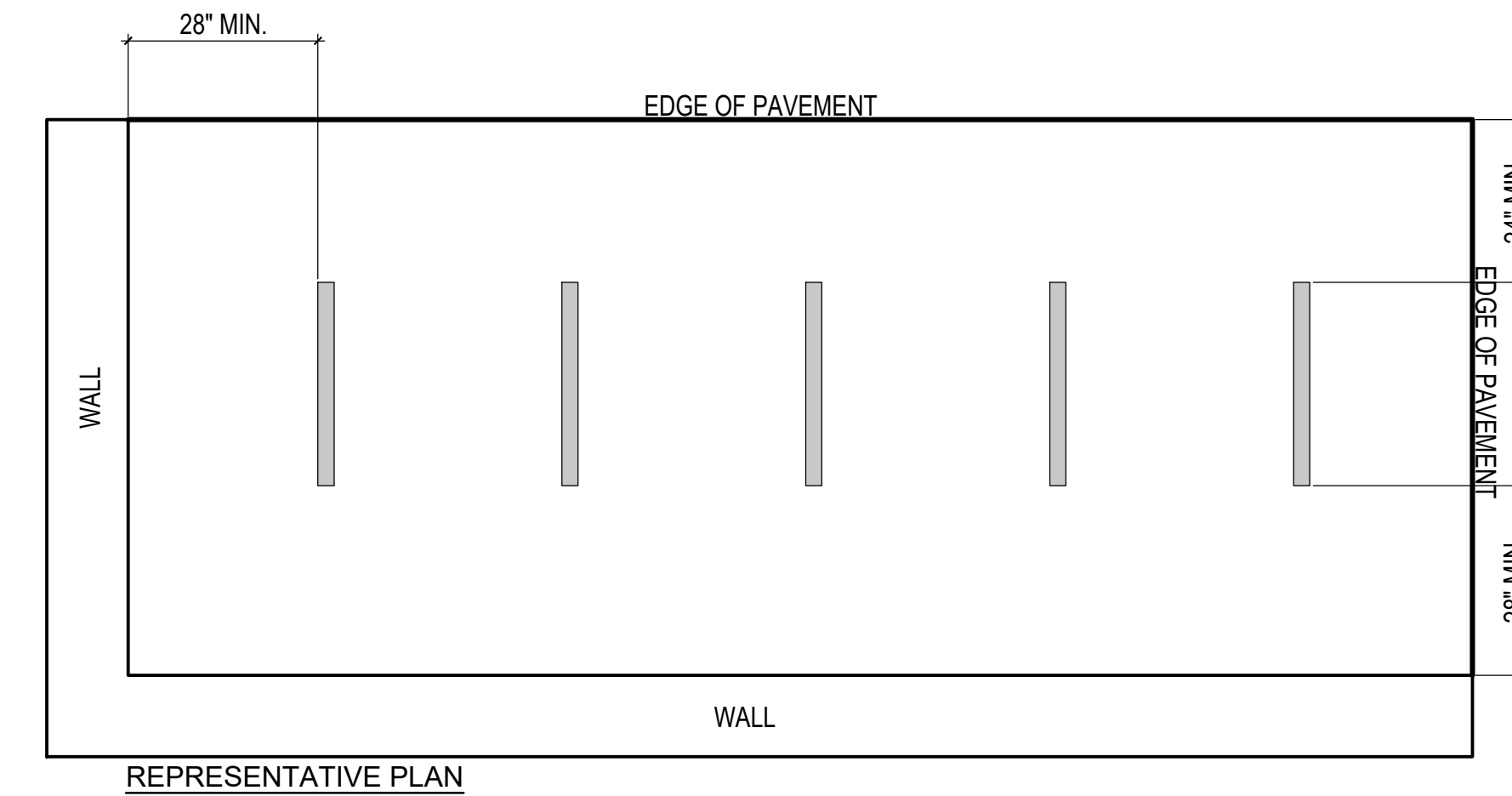
DETAIL SHOWN FOR INSTALLATION METHOD ONLY. CONTRACTOR TO INSTALL OWNER SUPPLIED BENCHES PER SPECIFICATIONS IN LOCATIONS SHOWN ON THE DRAWINGS

### 1 BENCH (OWNER PROVIDED - INSTALLATION ONLY)

NTS

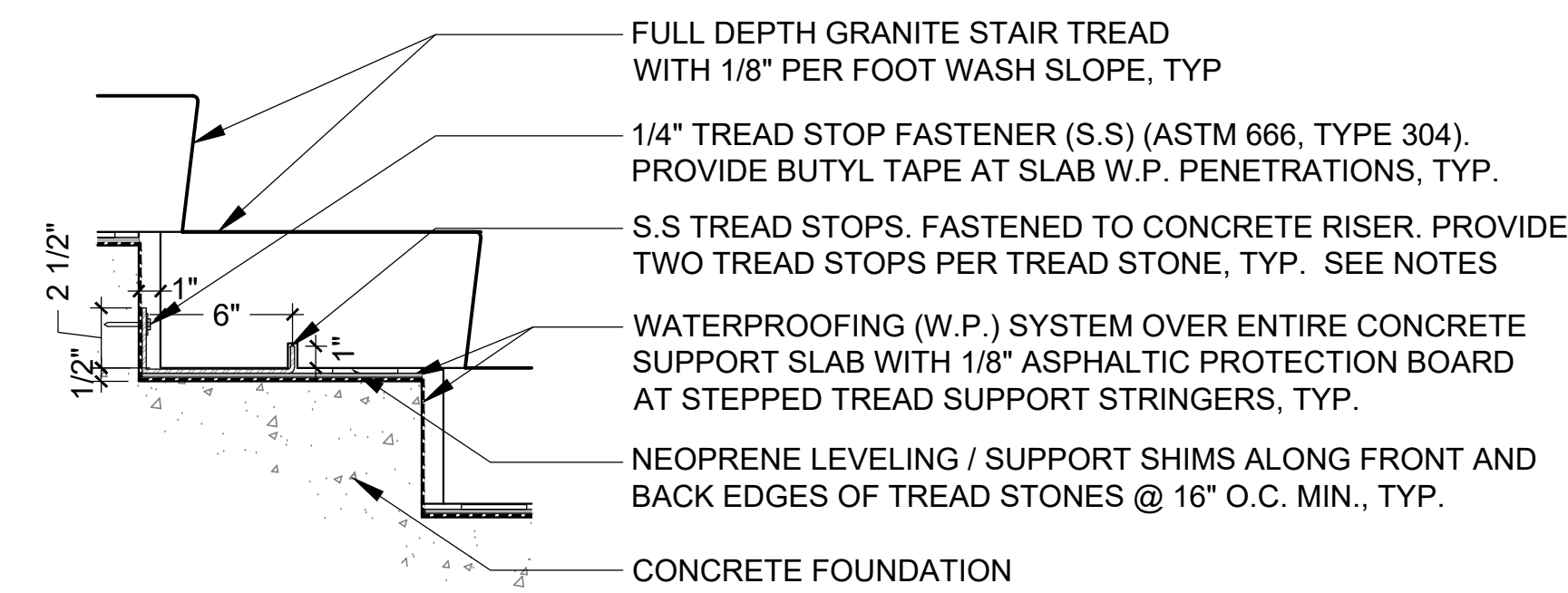


SURFACE MOUNT TABS WITH  $\varnothing$  1/2" HOLE FOR ANCHORING. NON-CORROSIVE HARDWARE PER MANUFACTURER RECOMMENDATION



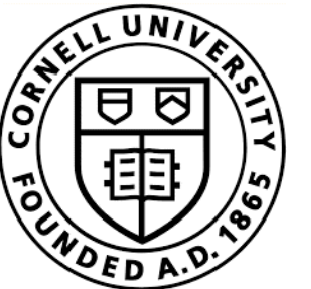
### 2 BIKE RACK

NTS



NOTES:

- TREAD STOPS: PROVIDE 3/16" THICK S.S. MASONRY STONE TIES WITH PRE-DRILLED FASTENER HOLES (SIZED FOR FASTENERS). STONE TIE WIDTHS SHALL BE 2"
- PROVIDE SAMPLES OF TIES AND FASTENERS FOR REVIEW & APPROVAL



## BALCH HALL RENOVATION

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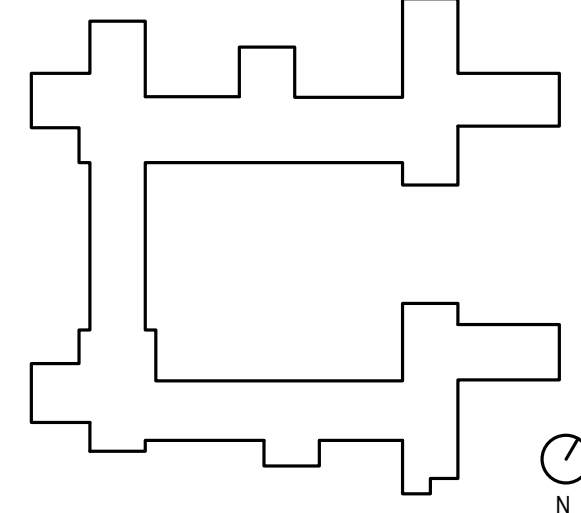
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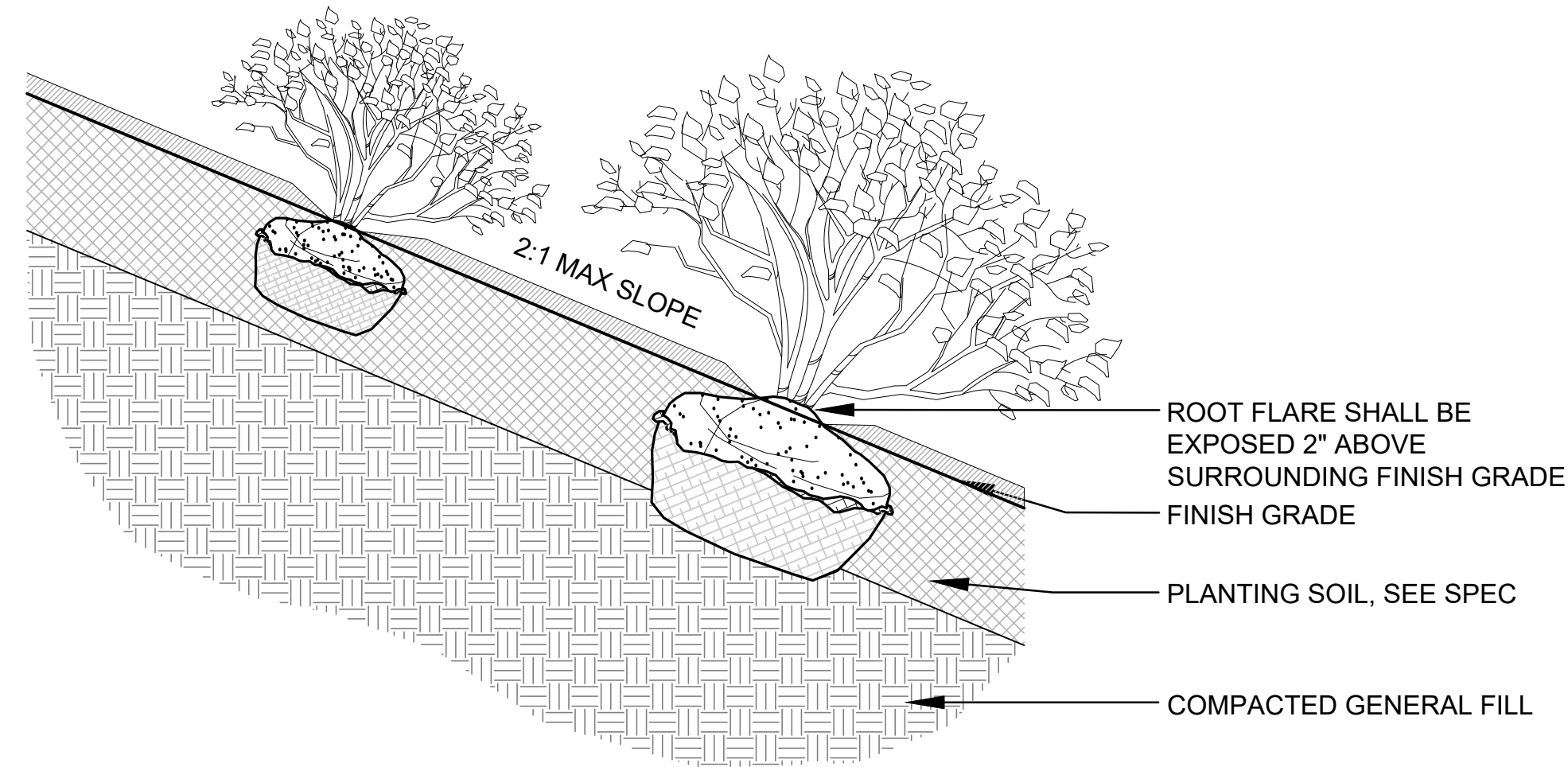
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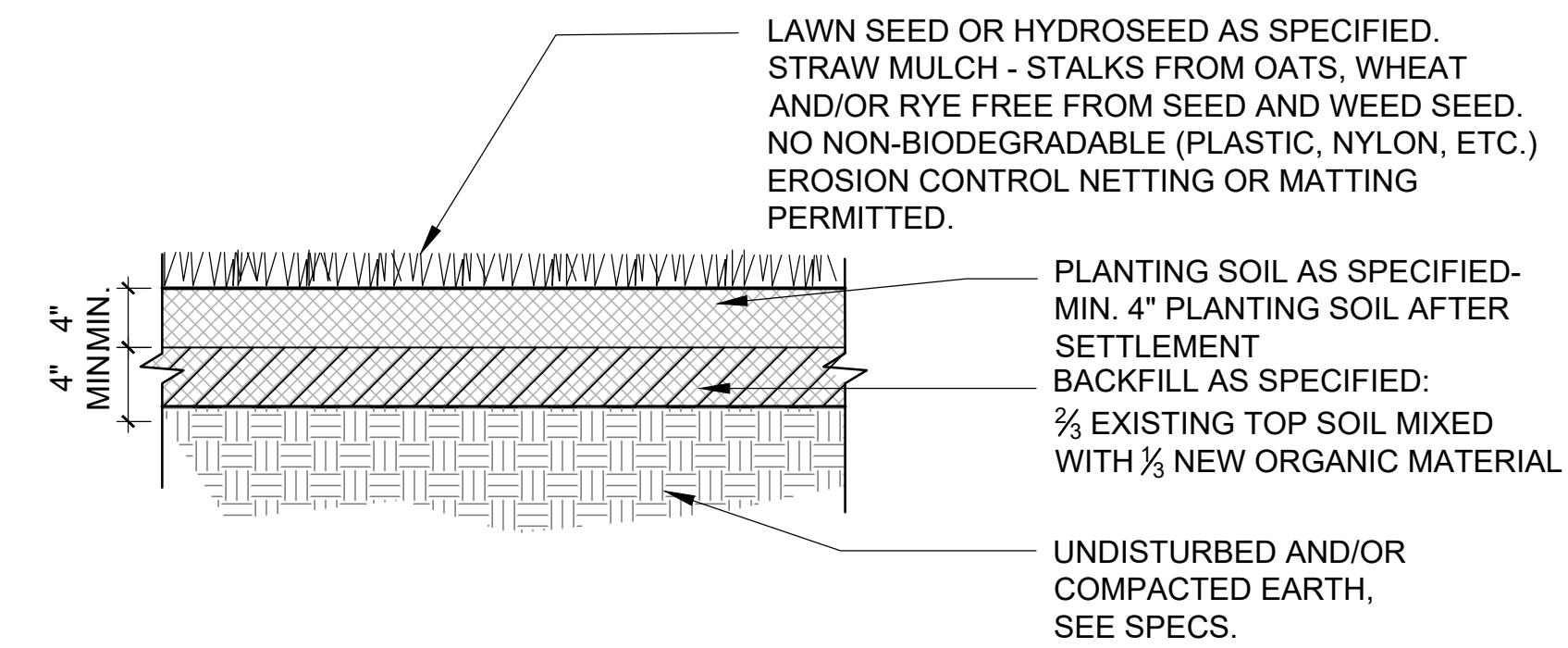
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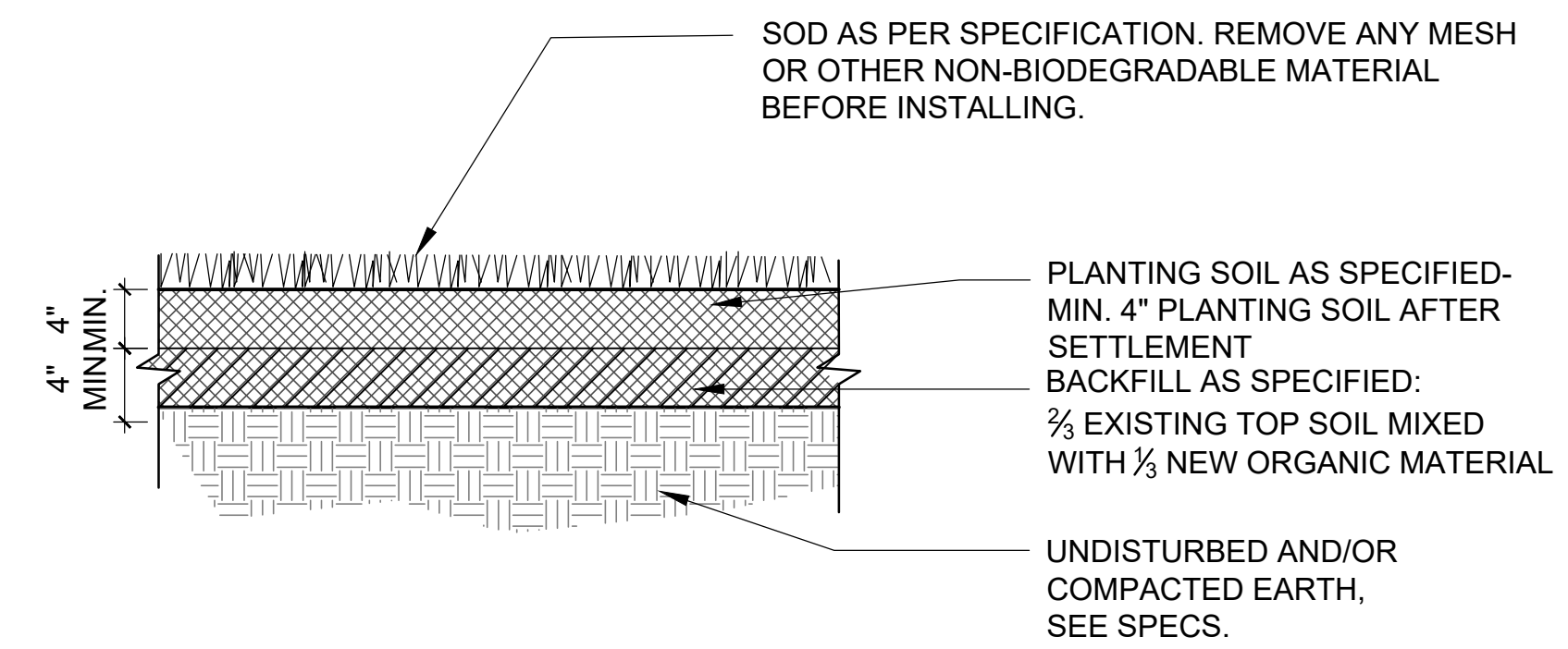
**4 SHRUB PLANTING ON SLOPE**

NTS



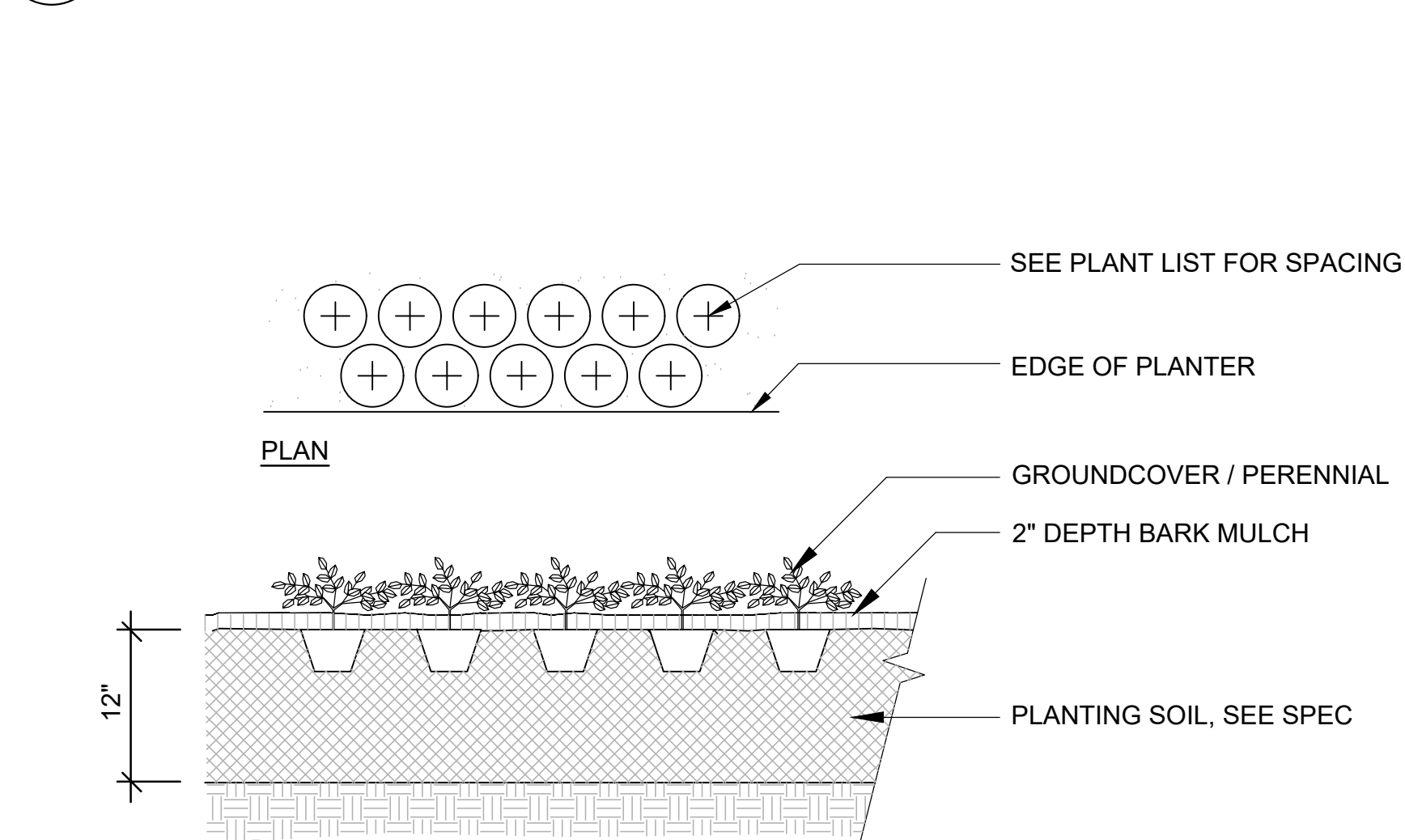
**5 SEEDED LAWN**

NTS



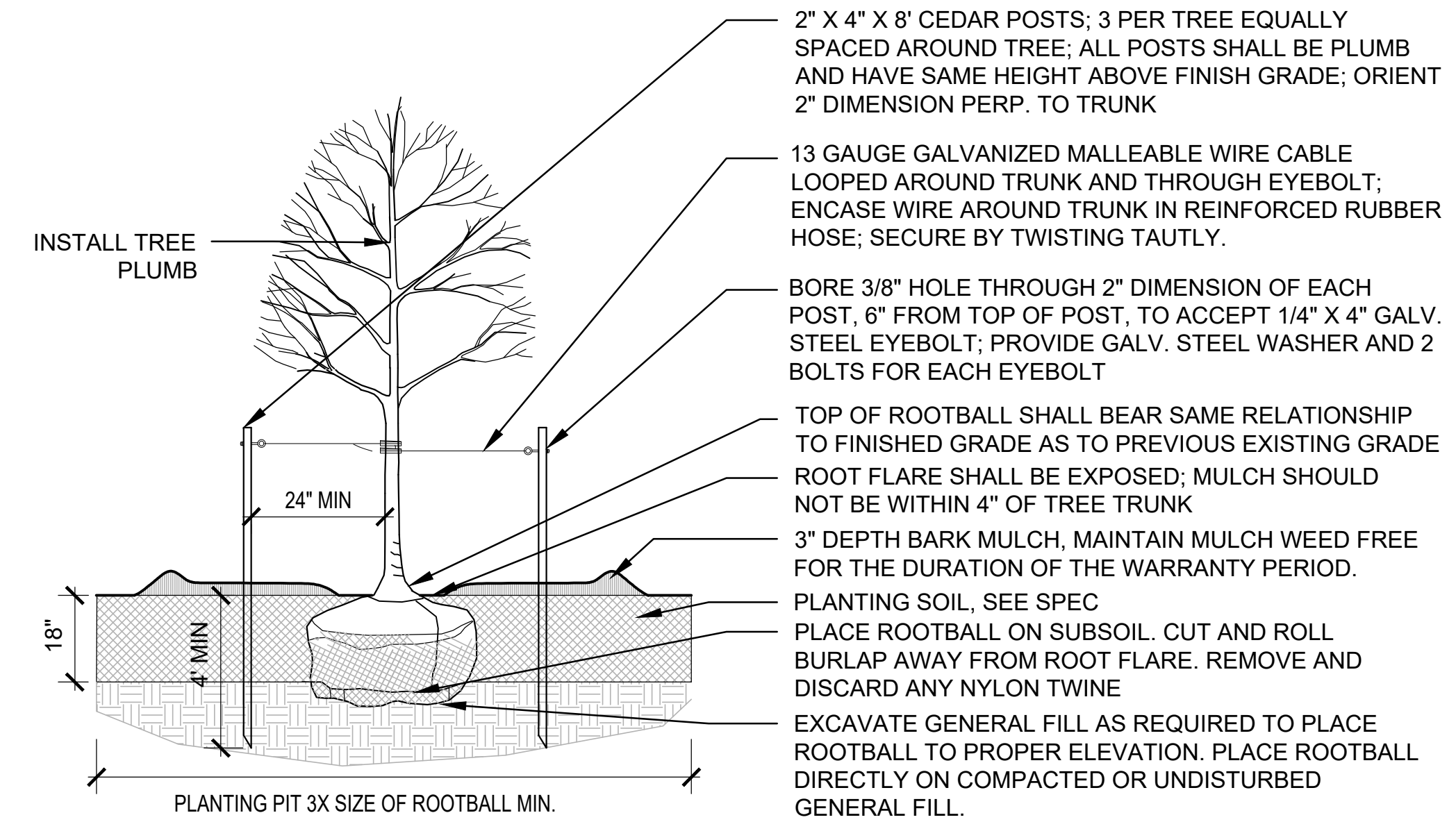
**6 SOD LAWN**

NTS



**7 GROUNDCOVER PLANTING**

NTS

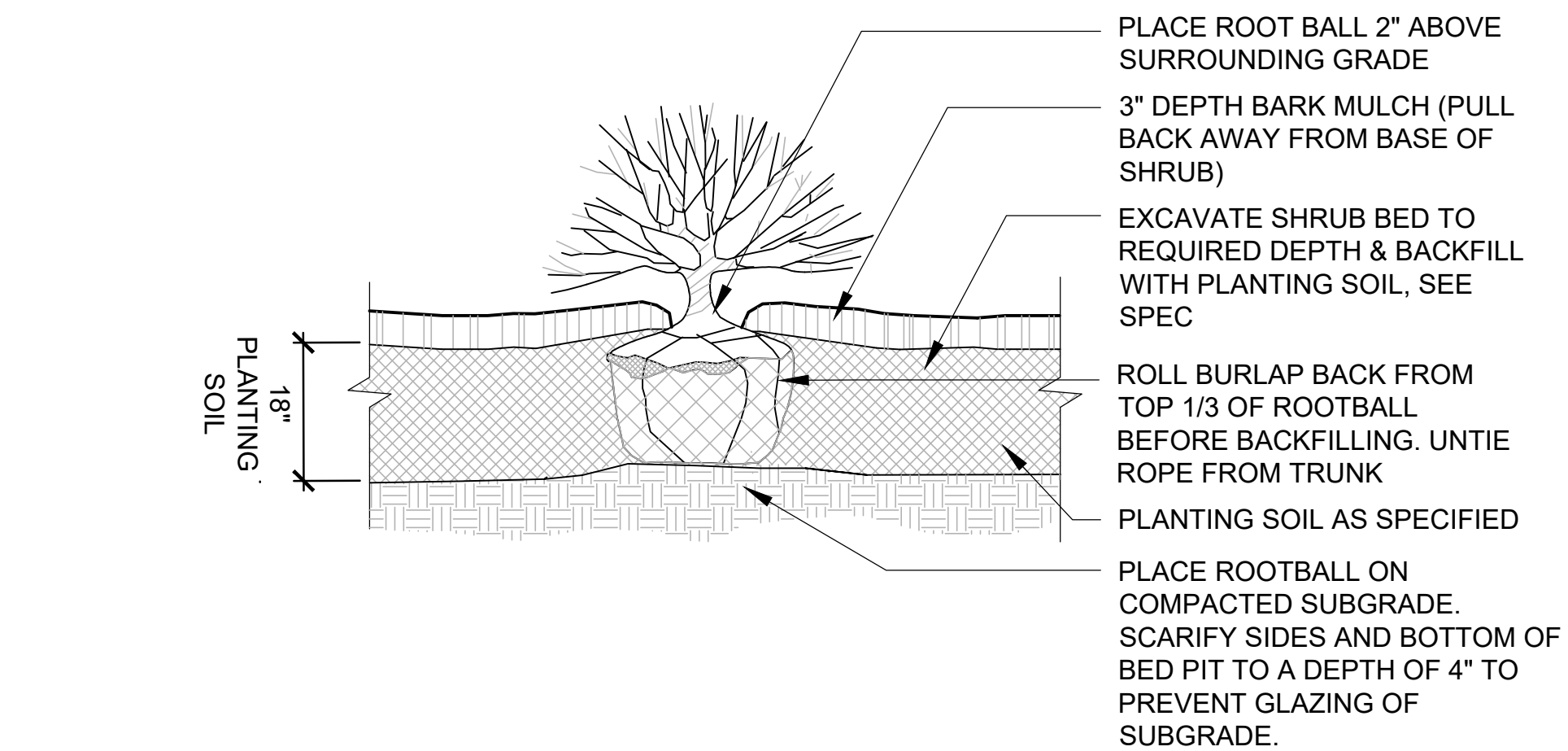


**1 TREE PLANTING**

NTS

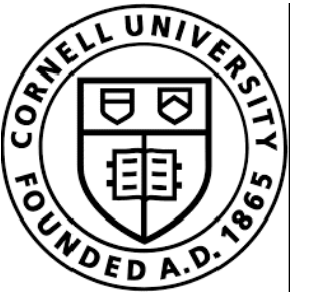
**2 NOT USED**

NTS



**3 SHRUB PLANTING**

NTS



**BALCH HALL RENOVATION**

**Cornell University**

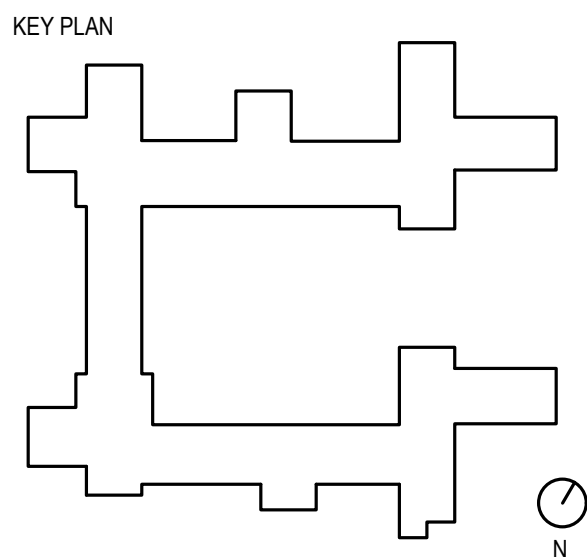
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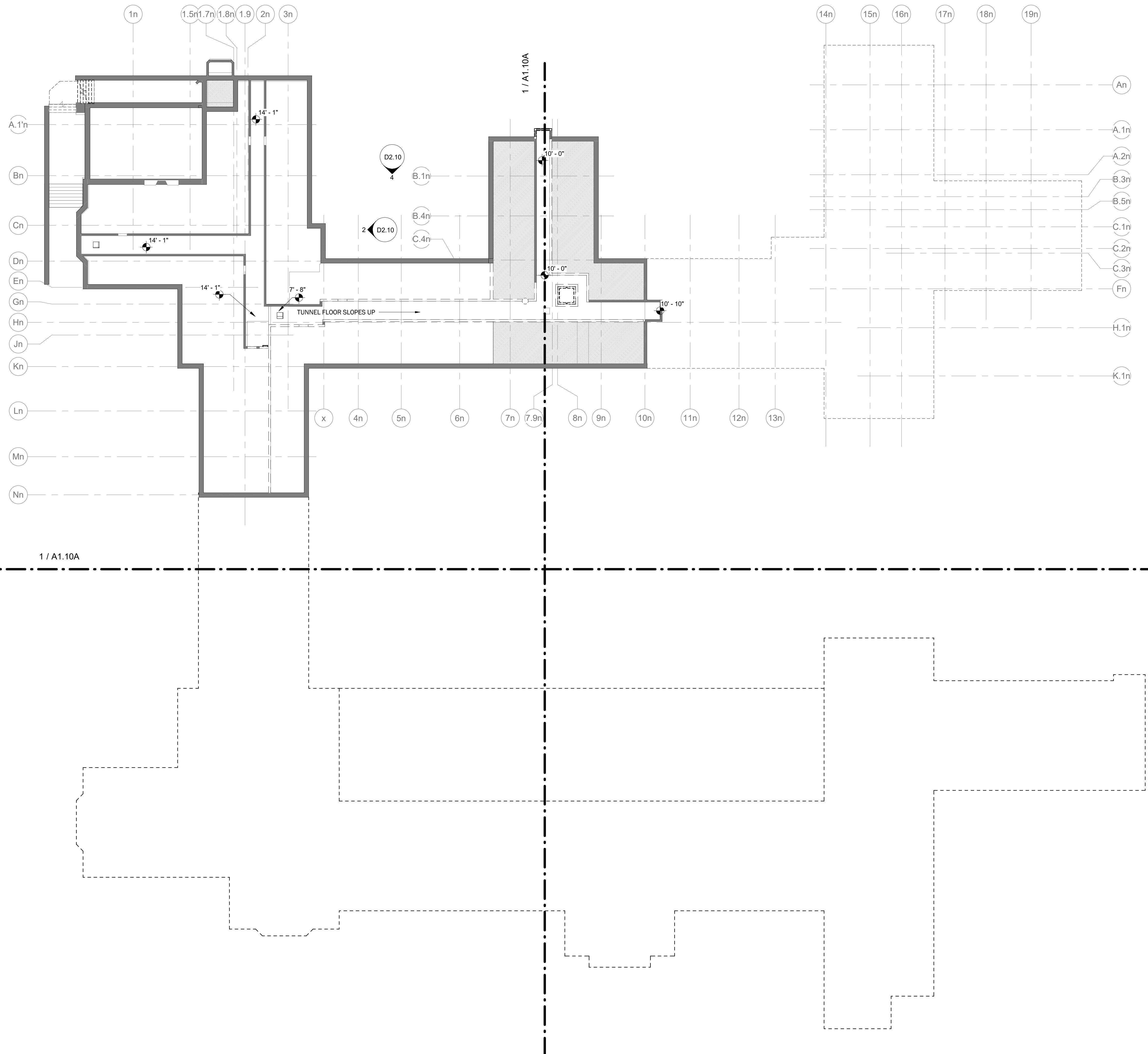
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**PLANTING DETAILS**

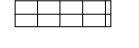






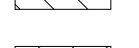
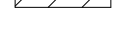




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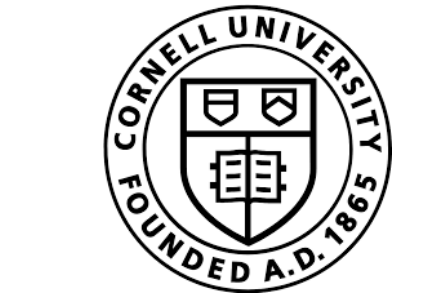
**L5.03**



**GENERAL DEMOLITION NOTES**  
 1. REFER TO THE ENLARGED DEMOLITION PLANS (D1.10 SERIES) FOR SCOPE OF WORK.

**DEMOLITION LEGEND**

-  SLAB REMOVAL, SEE STRUCTURAL
-  PRESERVE AND PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED FOR MEPPP SCOPE
-  PROTECT EXISTING STAIR ELEMENTS AND FINISHES
-  EXISTING INACCESSIBLE AREA
-  AREA TO BE EXCAVATED
-  CEILING AREA TO BE DEMOLISHED
-  ATTIC SPACE, NO SLAB
-  LIMITED DEMOLITION SCOPE IN TATKON CENTER, REFER TO D4.01 AND D4.02.
-  EXISTING WALL TO REMAIN
-  EXISTING WALL TO BE REMOVED
-  CREATE NEW OPENING IN EXISTING WALL
-  EXISTING DOOR AND FRAME TO BE REMOVED
-  EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.



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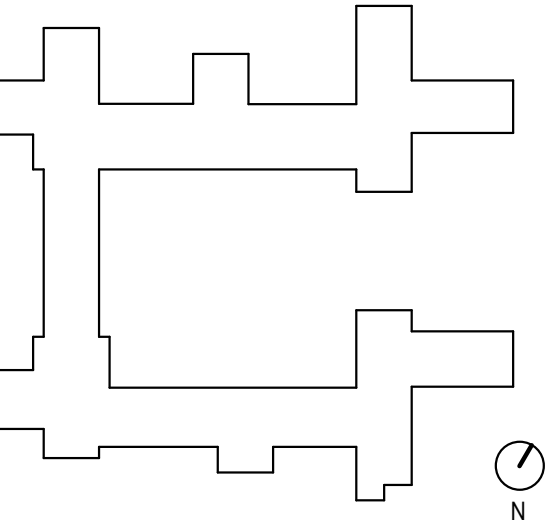
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ISSUE  
**TUNNEL LEVEL DEMOLITION  
 PLAN**

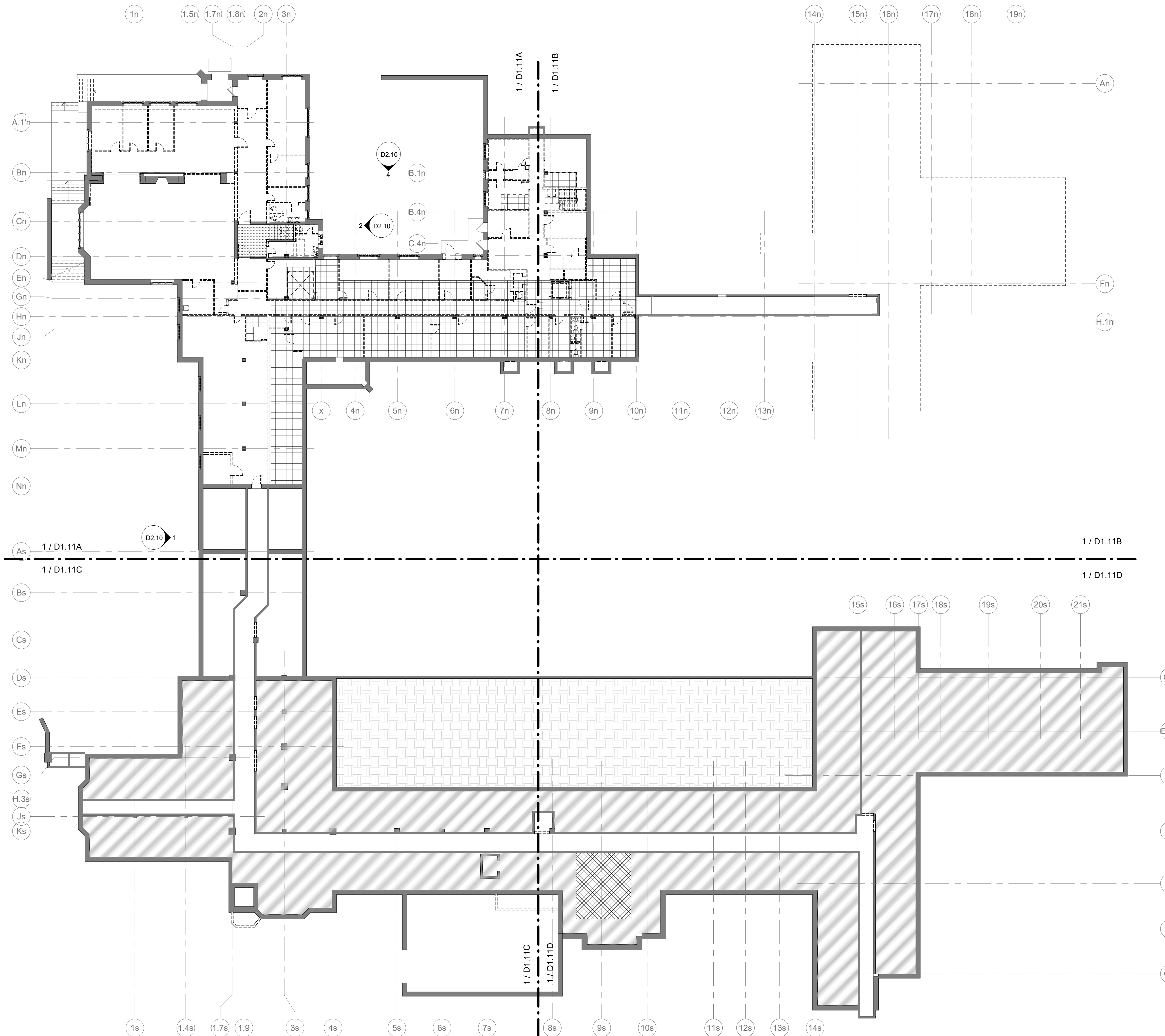
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| CHECKED:     | Checker | SCALE: | 1/16" = 1'-0" |
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**1** TUNNEL FLOOR N DEMOLITION  
 D1.00 Scale: 1/16" = 1'-0"

**D1.00**



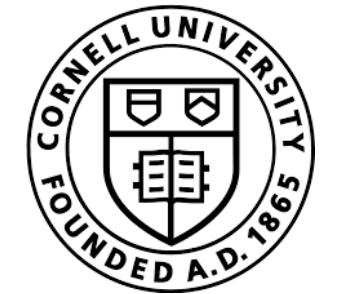


**GENERAL DEMOLITION NOTES**

1. REFER TO THE ENLARGED DEMOLITION PLANS (D1.10 SERIES) FOR SCOPE OF WORK.

**DEMOLITION LEGEND**

- [Hatched pattern] SLAB REMOVAL. SEE STRUCTURAL
- [Hatched pattern] PRESERVE AND PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED FOR MEPPF SCOPE
- [Hatched pattern] PROTECT EXISTING STAIR ELEMENTS AND FINISHES
- [Hatched pattern] EXISTING INACCESSIBLE AREA
- [Hatched pattern] AREA TO BE EXCAVATED
- [Hatched pattern] CEILING AREA TO BE DEMOLISHED
- [Hatched pattern] ATTIC SPACE, NO SLAB
- [Hatched pattern] LIMITED DEMOLITION SCOPE IN TATKON CENTER, REFER TO D4.01 AND D4.02.
- [Solid line] EXISTING WALL TO REMAIN
- [Dashed line] EXISTING WALL TO BE REMOVED
- [Dashed line] CREATE NEW OPENING IN EXISTING WALL
- [Dashed line] EXISTING DOOR AND FRAME TO BE REMOVED
- [Dashed line] EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.



### BALCH HALL RENOVATION

Cornell University

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Ithaca, New York 14853

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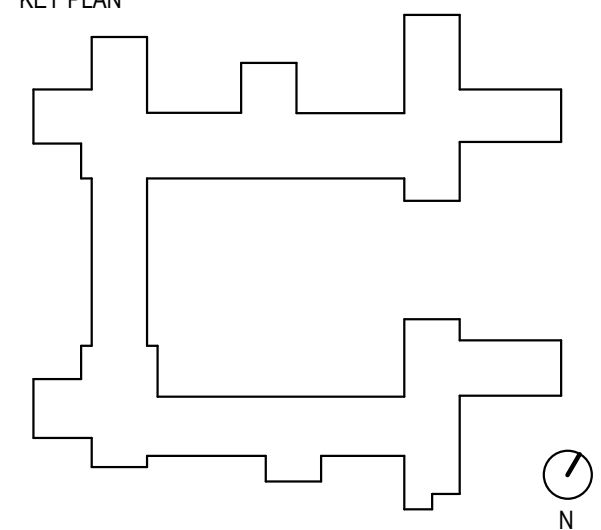
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### ISSUE FIRST FLOOR DEMOLITION PLAN

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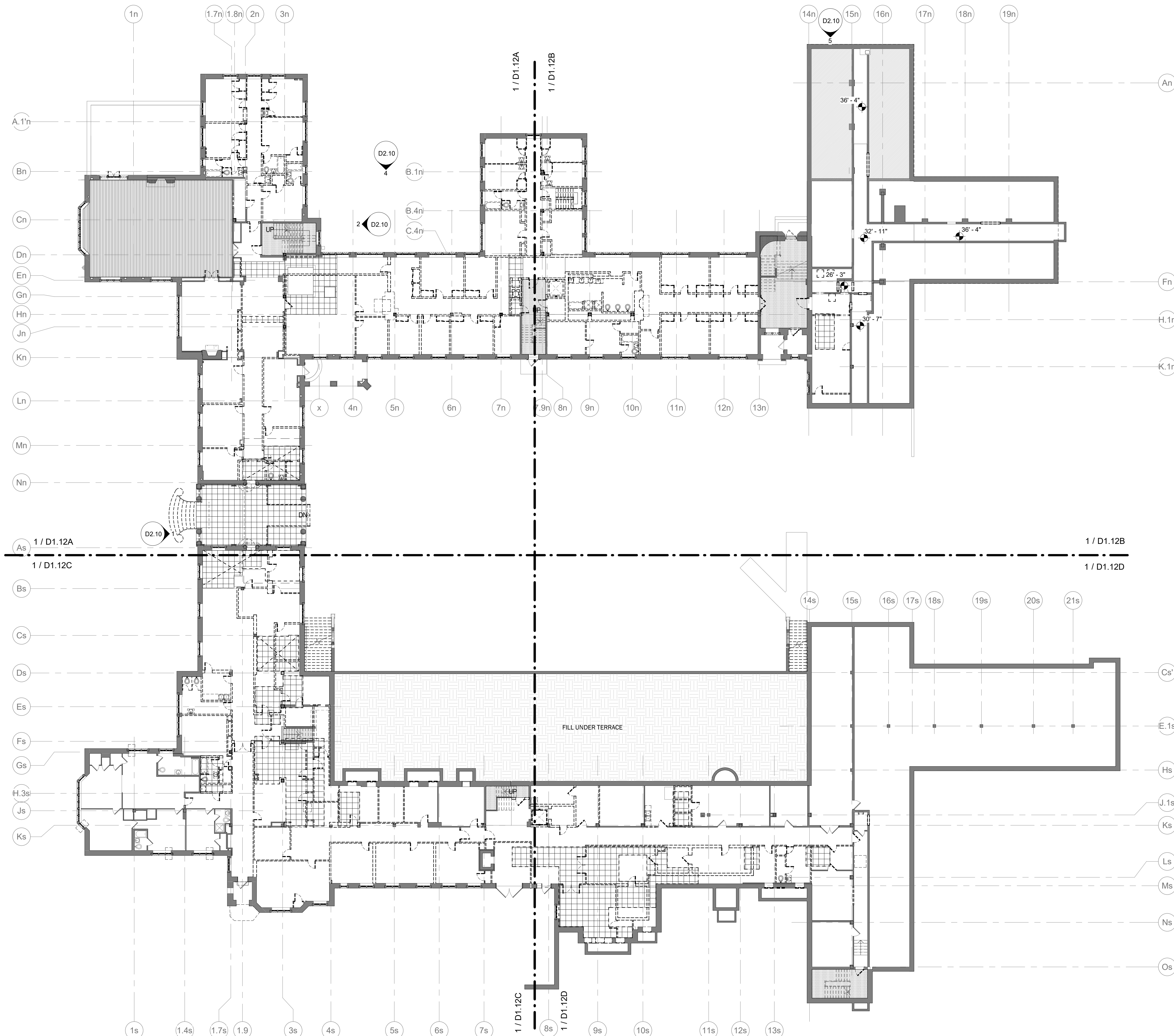
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1 1ST FLOOR DEMOLITION  
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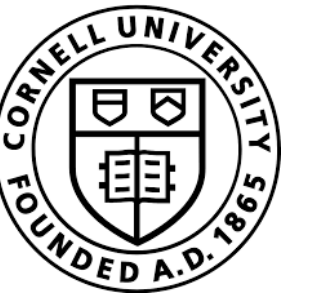
**GENERAL DEMOLITION NOTES**

1. REFER TO THE ENLARGED DEMOLITION PLANS (D1.10 SERIES) FOR SCOPE OF WORK.

**DEMOLITION LEGEND**

- SLAB REMOVAL, SEE STRUCTURAL
- PRESERVE AND PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED FOR MEPPF SCOPE
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- AREA TO BE EXCAVATED
- CEILING AREA TO BE DEMOLISHED
- ATTIC SPACE, NO SLAB
- LIMITED DEMOLITION SCOPE IN TATKON CENTER, REFER TO D4.01 AND D4.02.
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- CREATE NEW OPENING IN EXISTING WALL
- EXISTING DOOR AND FRAME TO BE REMOVED
- EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

1 2ND FLOOR DEMOLITION  
D1.02 Scale: 1/16" = 1'-0"



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**Cornell University**

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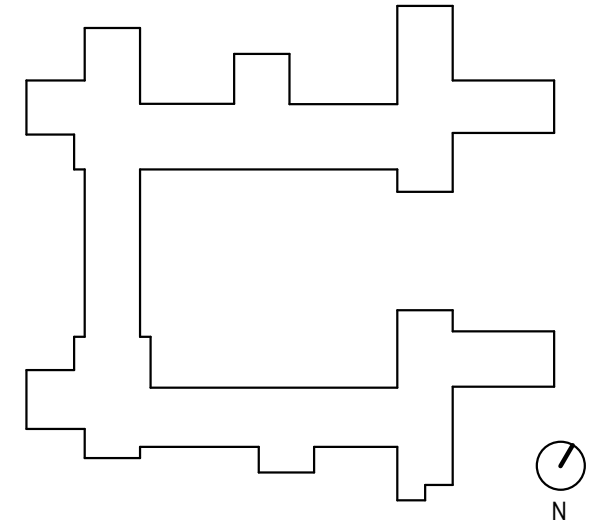
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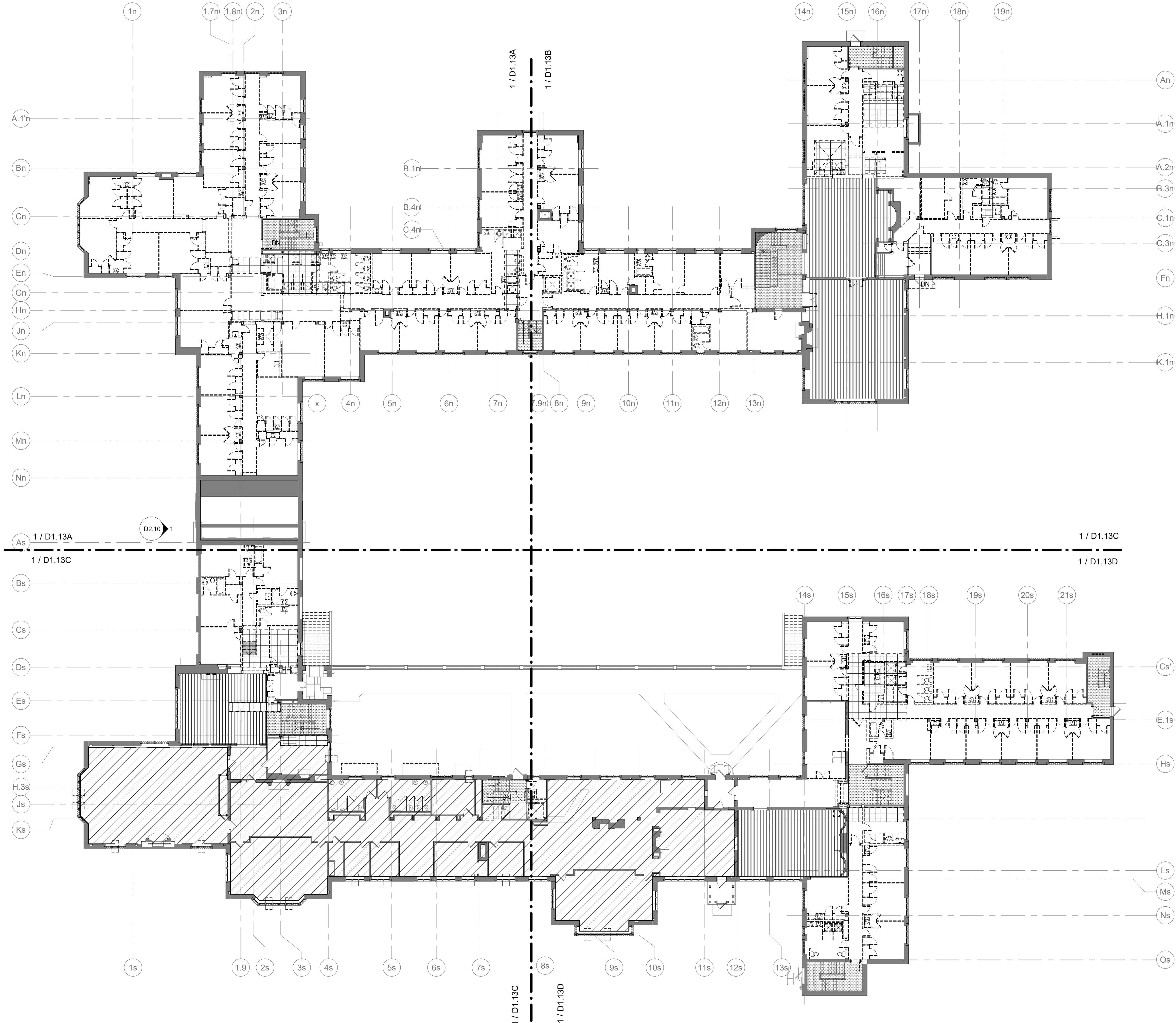
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**SECOND FLOOR DEMOLITION PLAN**

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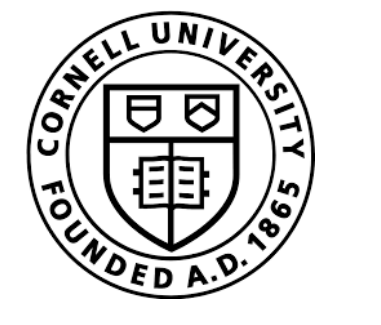
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**GENERAL DEMOLITION NOTES**  
 1. REFER TO THE ENLARGED DEMOLITION PLANS (D1.10 SERIES) FOR SCOPE OF WORK.

- DEMOLITION LEGEND**
- [Hatched Box] SLAB REMOVAL, SEE STRUCTURAL
  - [Hatched Box] PRESERVE AND PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED FOR MEPPF SCOPE
  - [Hatched Box] PROTECT EXISTING STAIR ELEMENTS AND FINISHES
  - [Hatched Box] EXISTING INACCESSIBLE AREA
  - [Hatched Box] AREA TO BE EXCAVATED
  - [Hatched Box] CEILING AREA TO BE DEMOLISHED
  - [Hatched Box] ATTIC SPACE, NO SLAB
  - [Hatched Box] LIMITED DEMOLITION SCOPE IN TATKON CENTER, REFER TO D4.01 AND D4.02.
  - [Solid Line] EXISTING WALL TO REMAIN
  - [Dashed Line] EXISTING WALL TO BE REMOVED
  - [Dashed Line] CREATE NEW OPENING IN EXISTING WALL
  - [Door Symbol] EXISTING DOOR AND FRAME TO BE REMOVED
  - [Window Symbol] EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

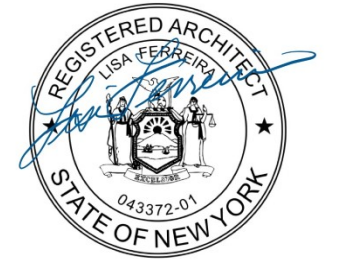


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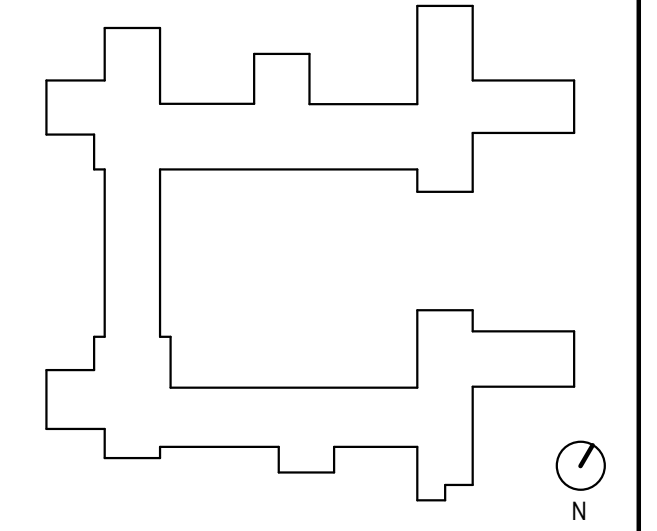
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**THIRD FLOOR DEMOLITION PLAN**

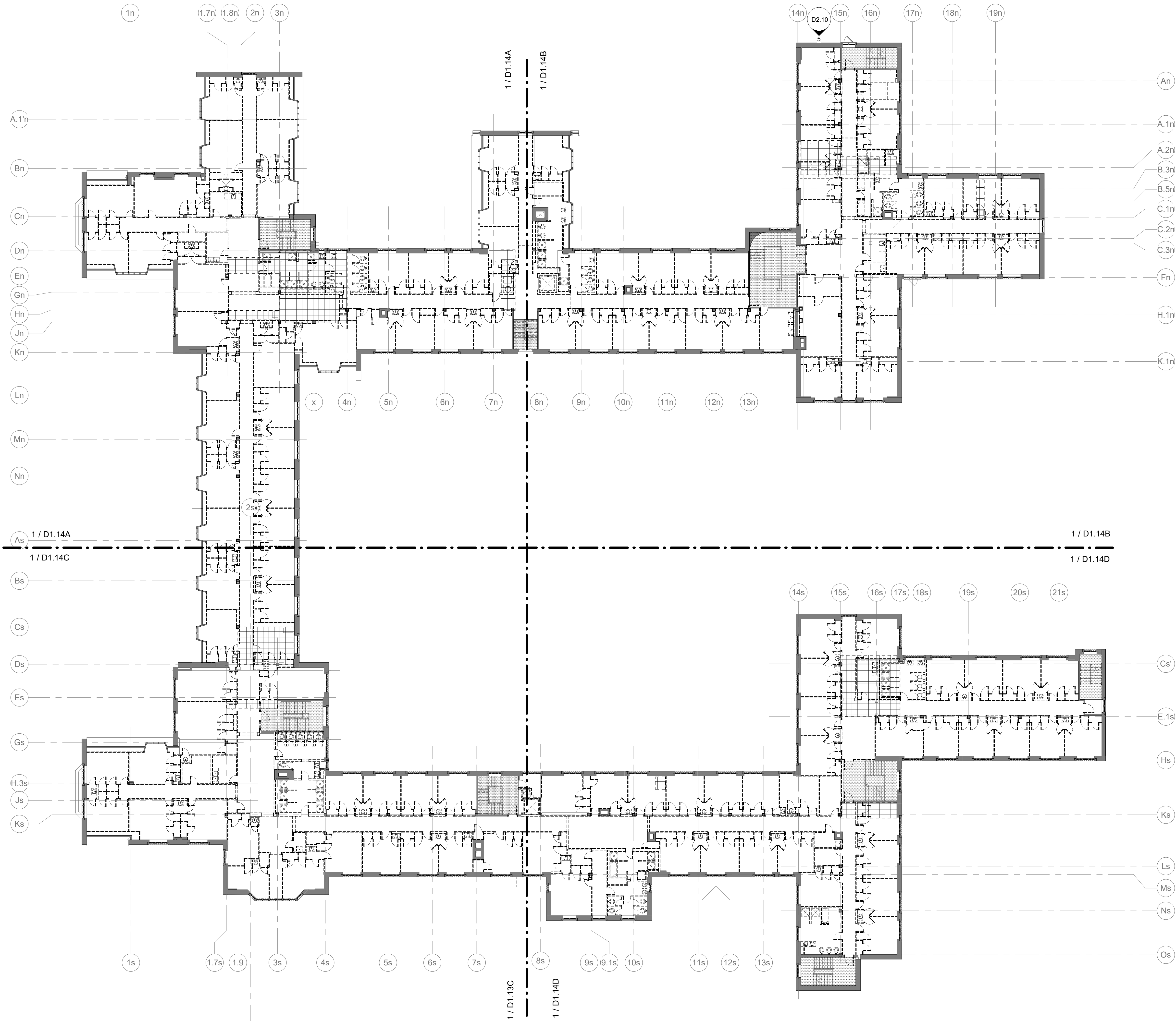
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1 3RD FLOOR DEMOLITION  
 D1.03 Scale: 1/16" = 1'-0"

**D1.03**

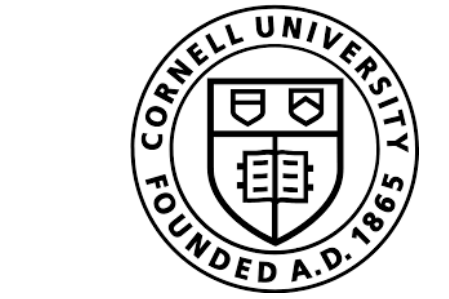
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**GENERAL DEMOLITION NOTES**  
1. REFER TO THE ENLARGED DEMOLITION PLANS (D1.10 SERIES) FOR SCOPE OF WORK.

**DEMOLITION LEGEND**

- SLAB REMOVAL, SEE STRUCTURAL
- PRESERVE AND PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED FOR MEPPF SCOPE
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- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- CREATE NEW OPENING IN EXISTING WALL
- EXISTING DOOR AND FRAME TO BE REMOVED
- EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.



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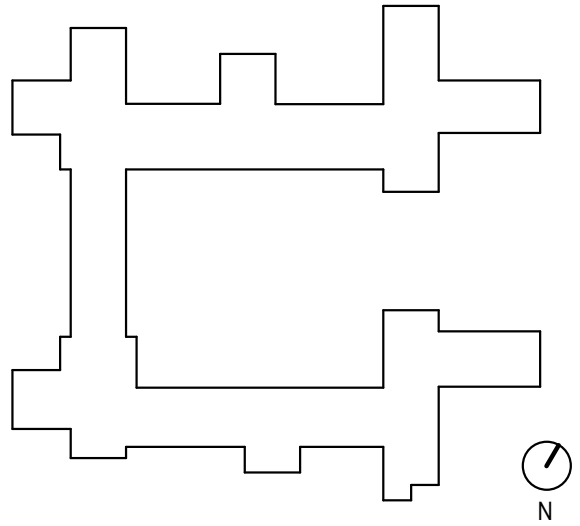
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## ISSUE FOURTH FLOOR DEMOLITION PLAN

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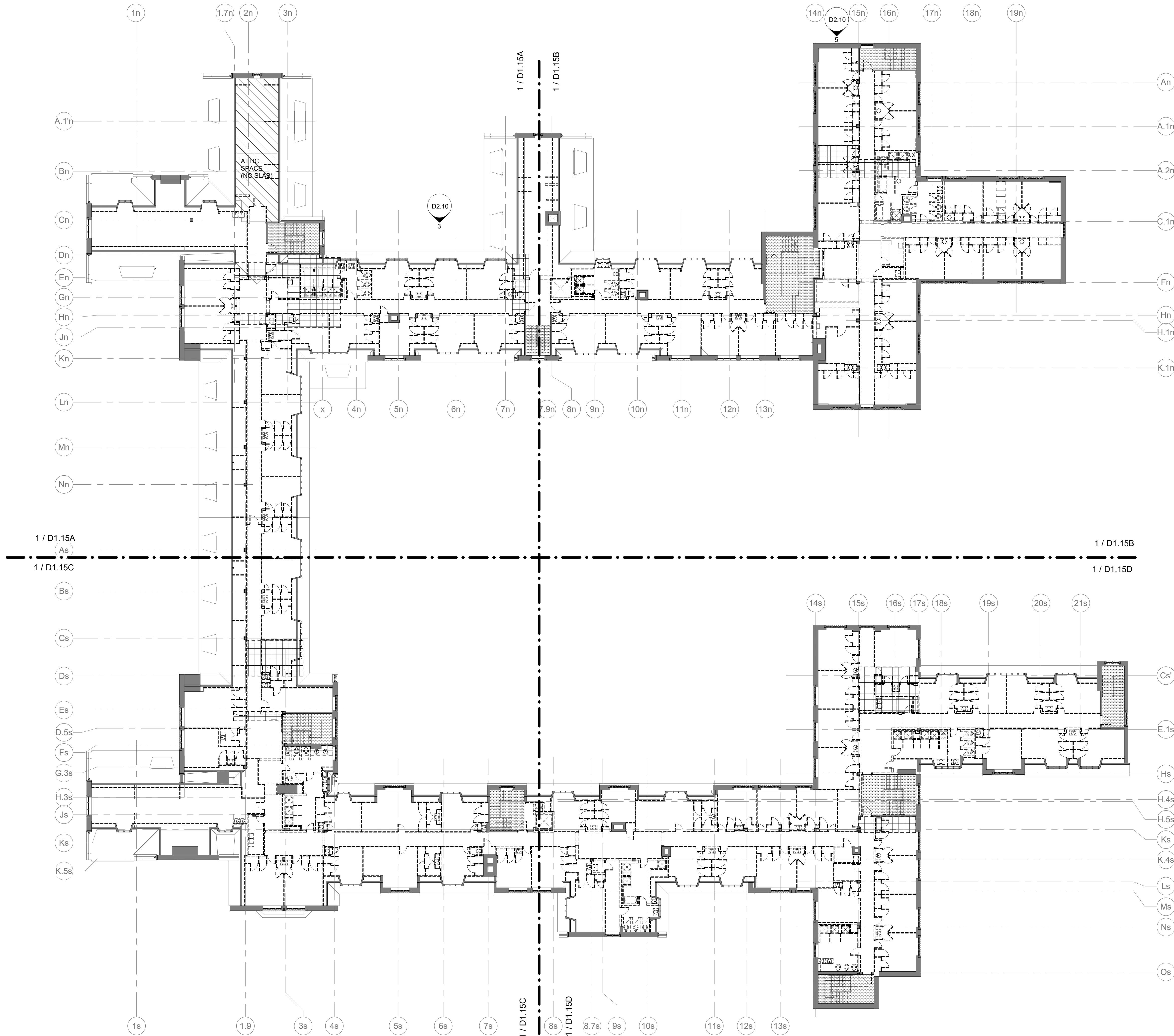
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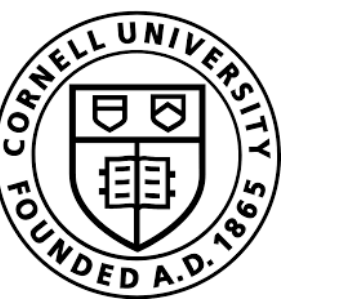
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**GENERAL DEMOLITION NOTES**  
1. REFER TO THE ENLARGED DEMOLITION PLANS (D1.10 SERIES) FOR SCOPE OF WORK.

- DEMOLITION LEGEND**
- SLAB REMOVAL, SEE STRUCTURAL
  - PRESERVE AND PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED FOR MEPPP SCOPE
  - PROTECT EXISTING STAIR ELEMENTS AND FINISHES
  - EXISTING INACCESSIBLE AREA
  - AREA TO BE EXCAVATED
  - CEILING AREA TO BE DEMOLISHED
  - ATTIC SPACE, NO SLAB
  - LIMITED DEMOLITION SCOPE IN TATKON CENTER, REFER TO D4.01 AND D4.02.
  - EXISTING WALL TO REMAIN
  - EXISTING WALL TO BE REMOVED
  - CREATE NEW OPENING IN EXISTING WALL
  - EXISTING DOOR AND FRAME TO BE REMOVED
  - EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

1 5TH FLOOR DEMOLITION  
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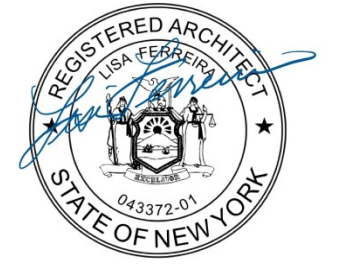


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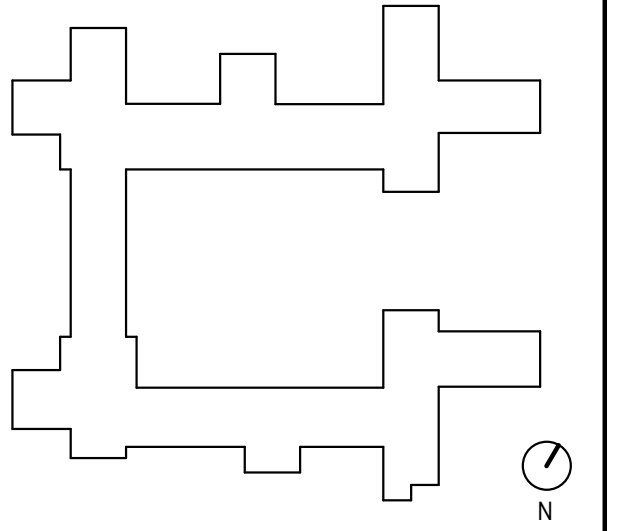
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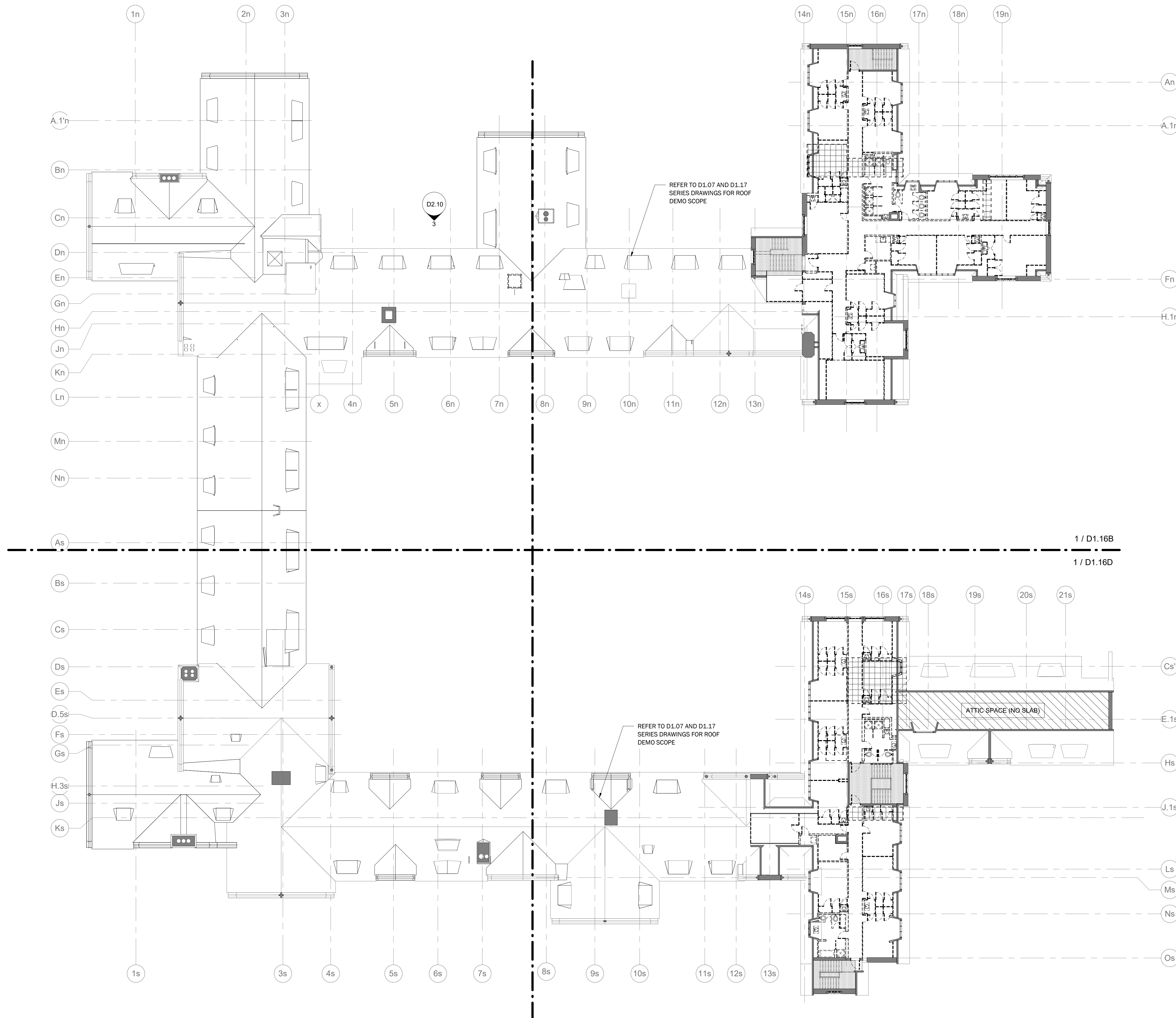
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**FIFTH FLOOR DEMOLITION PLAN**

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**GENERAL DEMOLITION NOTES**

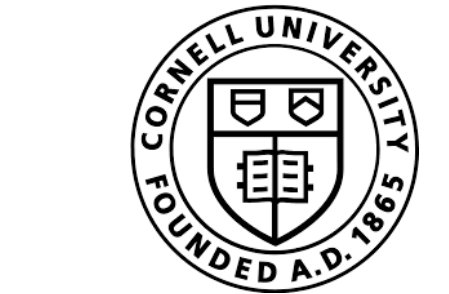
1. REFER TO THE ENLARGED DEMOLITION PLANS (D1.10 SERIES) FOR SCOPE OF WORK.

**DEMOLITION LEGEND**

- SLAB REMOVAL, SEE STRUCTURAL
- PRESERVE AND PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED FOR MEPPF SCOPE
- PROTECT EXISTING STAIR ELEMENTS AND FINISHES
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- LIMITED DEMOLITION SCOPE IN TATKON CENTER, REFER TO D4.01 AND D4.02.
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- CREATE NEW OPENING IN EXISTING WALL
- EXISTING DOOR AND FRAME TO BE REMOVED
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1 / D1.16B

1 / D1.16D



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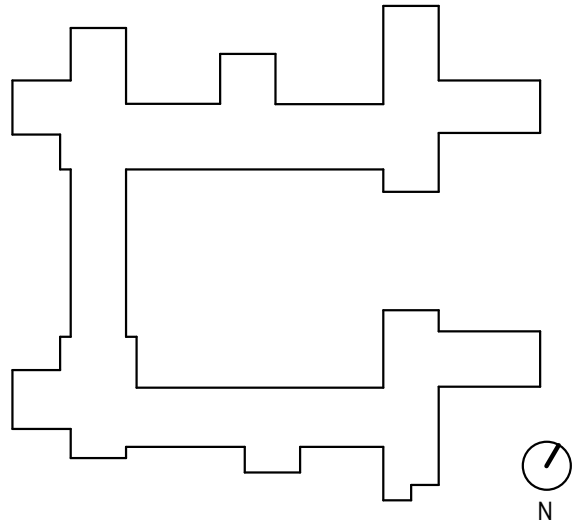
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**SIXTH FLOOR DEMOLITION PLAN**

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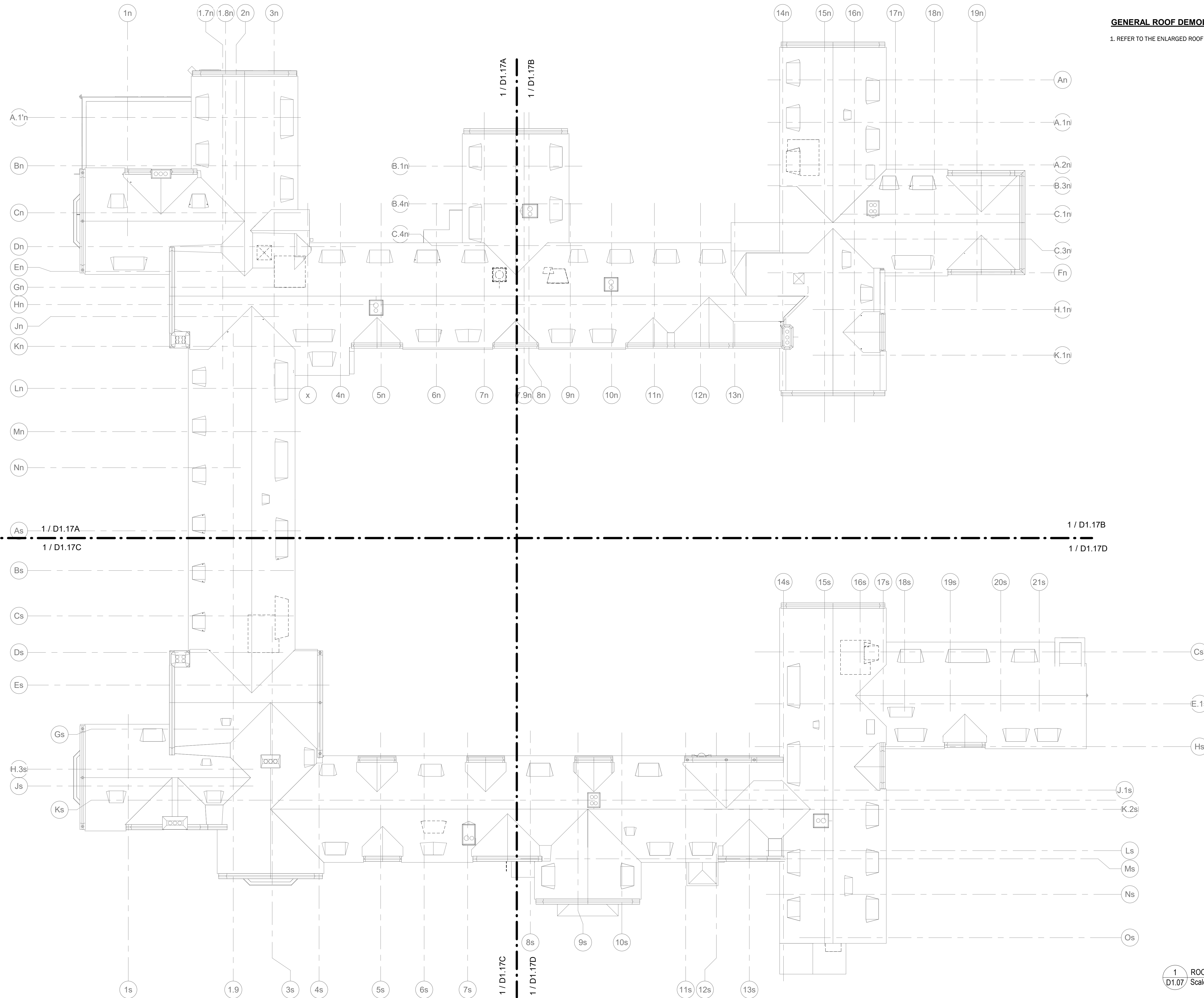
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1 6TH FLOOR DEMOLITION  
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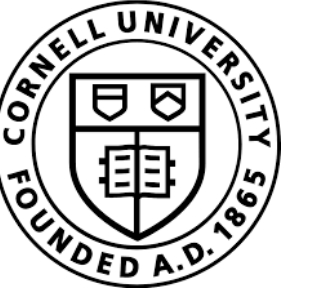
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**GENERAL ROOF DEMOLITION NOTES**

1. REFER TO THE ENLARGED ROOF DEMOLITION PLANS (D1.17 SERIES) FOR SCOPE OF WORK.



**BALCH HALL  
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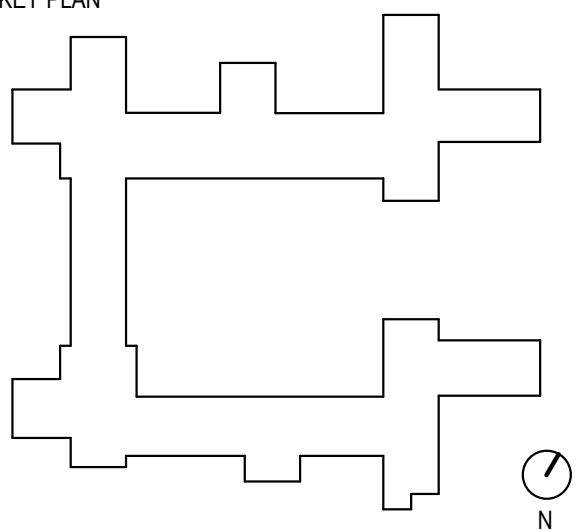
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**ROOF DEMOLITION PLAN**

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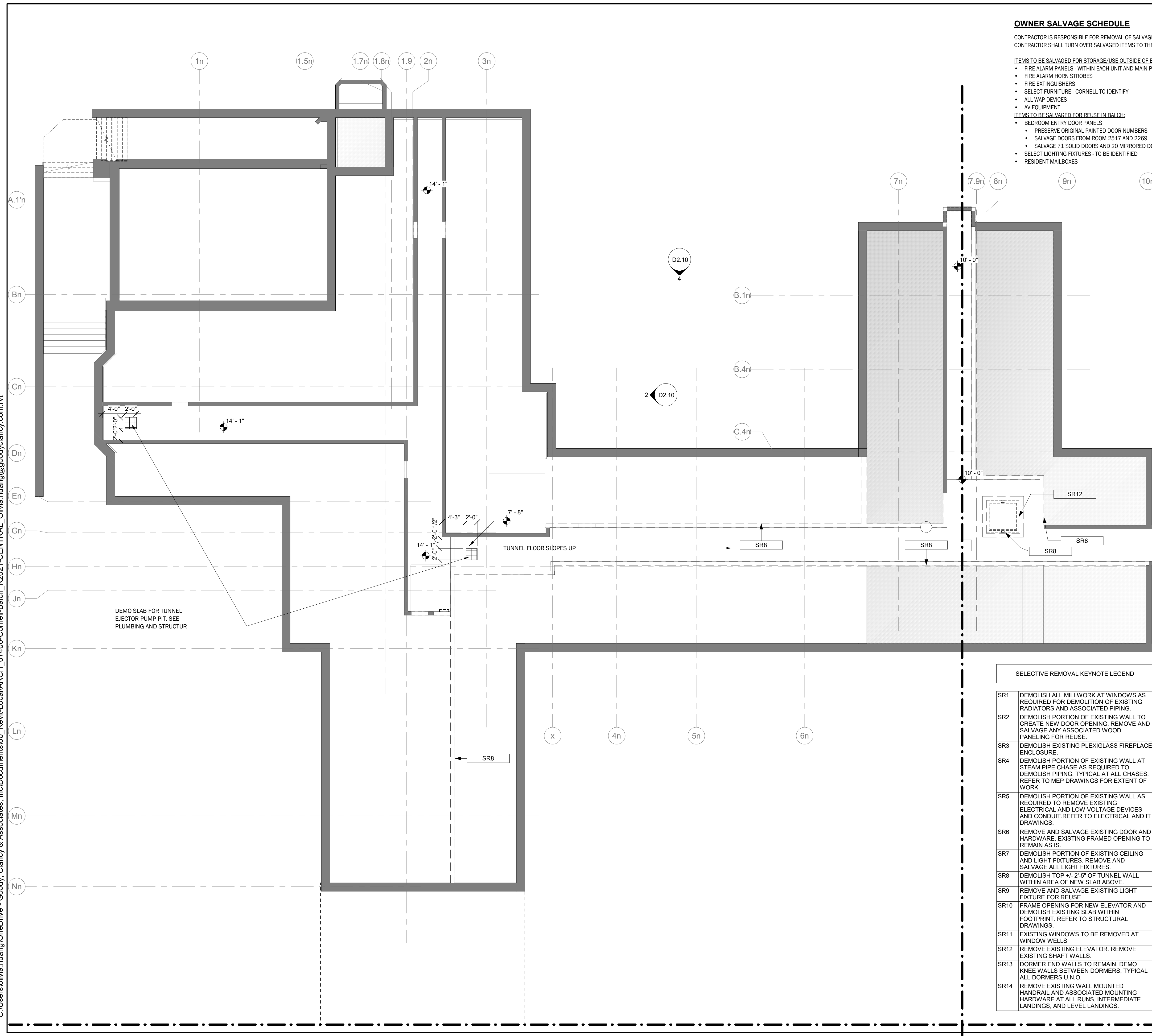
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1 ROOF DEMOLITION PLAN  
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**D1.07**

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**OWNER SALVAGE SCHEDULE**

CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.

**ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**

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- SELECT FURNITURE - CORNELL TO IDENTIFY
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- AV EQUIPMENT

**ITEMS TO BE SALVAGED FOR REUSE IN BALCH:**

- BEDROOM ENTRY DOOR PANELS
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**DEMOLITION GENERAL NOTES**

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**DEFINITIONS**

- DEMOLISH:** REMOVE EXISTING ELEMENT(S) AND DISCARD; ELEMENT IS NOT TO REMAIN AS PART OF THE COMPLETED WORK; SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING MATERIALS WASTE HANDLING AND RECYCLING.
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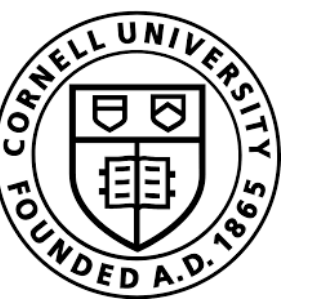
**DEMOLITION LEGEND**

- [Symbol] SLAB REMOVAL. SEE STRUCTURAL
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- [Symbol] CEILING AREA TO BE DEMOLISHED
- [Symbol] ATTIC SPACE, NO SLAB
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- [Symbol] EXISTING WALL TO REMAIN
- [Symbol] EXISTING WALL TO BE REMOVED
- [Symbol] CREATE OPENING IN EXISTING WALL
- [Symbol] EXISTING DOOR AND FRAME TO BE REMOVED
- [Symbol] EXISTING DOOR TO BE REMOVED, PROTECT FRAME TO REMAIN
- [Symbol] EXISTING DOOR TO REMAIN, PROTECT; MODIFY HARDWARE AS SCHEDULED
- [Symbol] EXISTING WINDOW SASH TO BE REMOVED. LIFESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

**SELECTIVE REMOVAL KEYNOTE LEGEND**

|      |                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR1  | DEMOLISH ALL MILLWORK AT WINDOWS AS REQUIRED FOR DEMOLITION OF EXISTING RADIATORS AND ASSOCIATED PIPING.                                               |
| SR2  | DEMOLISH PORTION OF EXISTING WALL TO CREATE NEW DOOR OPENING. REMOVE AND SALVAGE ANY ASSOCIATED WOOD PANELING FOR REUSE.                               |
| SR3  | DEMOLISH EXISTING PLEXIGLASS FIREPLACE ENCLOSURE.                                                                                                      |
| SR4  | DEMOLISH PORTION OF EXISTING WALL AT STEAM PIPE CHASE AS REQUIRED TO DEMOLISH PIPING. TYPICAL AT ALL CHASES. REFER TO MEP DRAWINGS FOR EXTENT OF WORK. |
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| SR6  | REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. EXISTING FRAMED OPENING TO REMAIN AS IS.                                                                |
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| SR8  | DEMOLISH TOP +/- 2'-5" OF TUNNEL WALL WITHIN AREA OF NEW SLAB ABOVE.                                                                                   |
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| SR11 | EXISTING WINDOWS TO BE REMOVED AT WINDOW WELLS.                                                                                                        |
| SR12 | REMOVE EXISTING ELEVATOR. REMOVE EXISTING SHAFT WALLS.                                                                                                 |
| SR13 | DORMER END WALLS TO REMAIN, DEMO KNEE WALLS BETWEEN DORMERS, TYPICAL ALL DORMERS U.N.O.                                                                |
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1 TUNNEL FLOOR DEMOLITION - A  
D1.10A Scale: 1/8" = 1'-0"



**BALCH HALL RENOVATION**

**Cornell University**

600 Thurston Avenue  
Ithaca, New York 14853

**GOODYCLANCY**

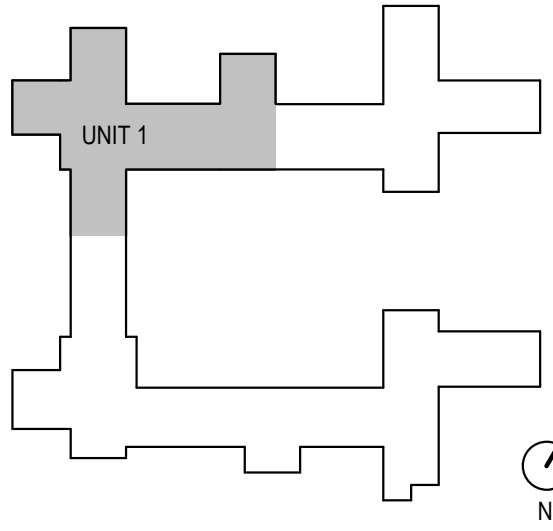
ARCHITECTURE / PLANNING / PRESERVATION  
420 Boylston Street Boston, Massachusetts 02116-3866  
p: 617.262.2760 f: 617.262.9512  
www.goodyclancy.com

CONSULTANT

STAMP



KEY PLAN



**Construction Documents**

ISSUED: 11/5/2021

REVISIONS

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**ENLARGED TUNNEL LEVEL DEMO PLAN - A**

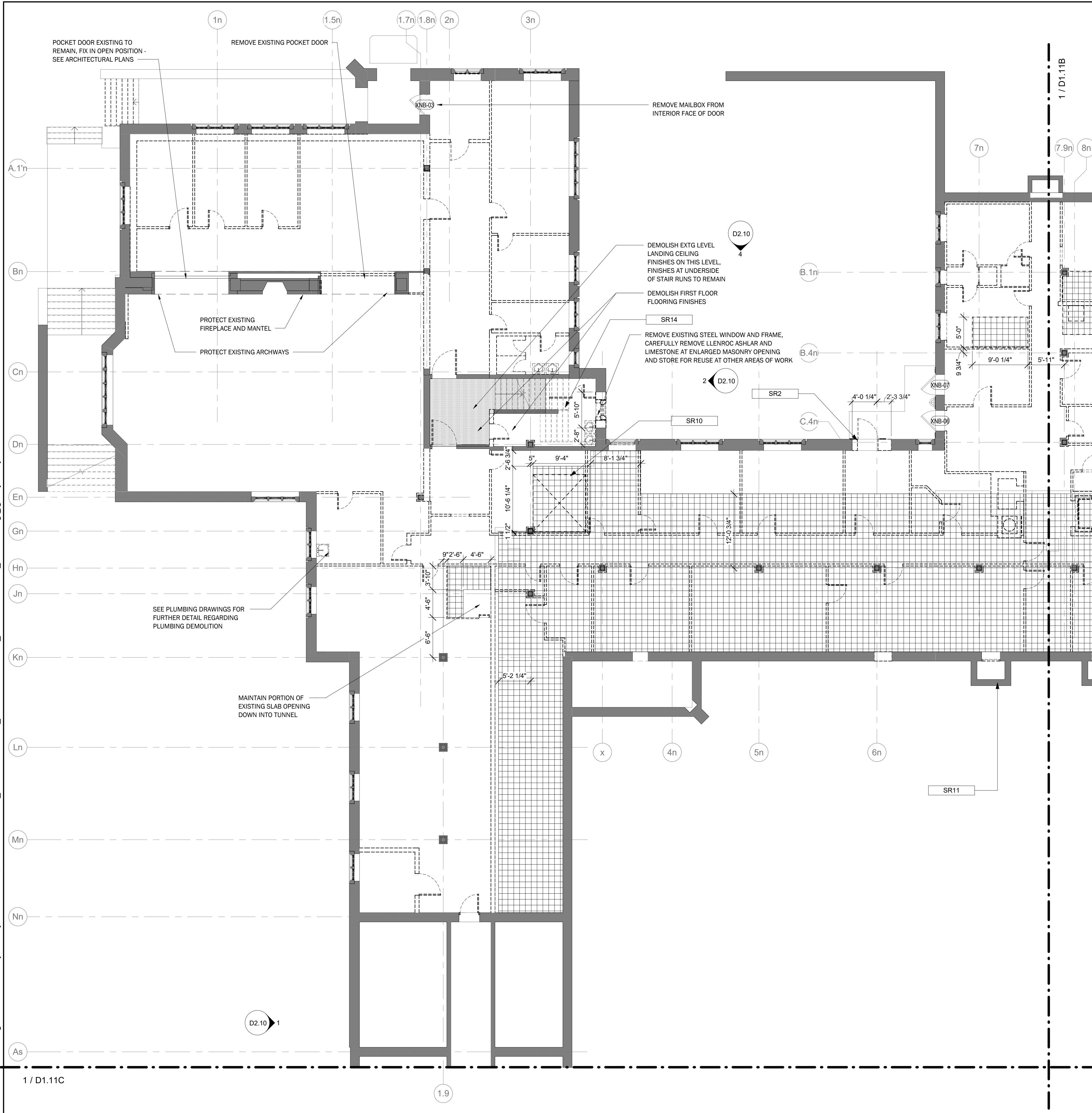
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GOODY CLANCY PROJECT NUMBER: 07400

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**D1.10A**



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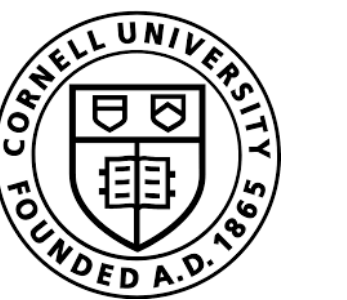
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1 1ST FLOOR DEMOLITION - A  
D1.11A Scale: 1/8" = 1'-0"



## BALCH HALL RENOVATION

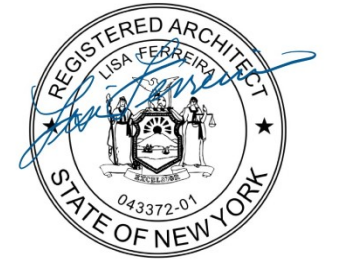
Cornell University

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Ithaca, New York 14853

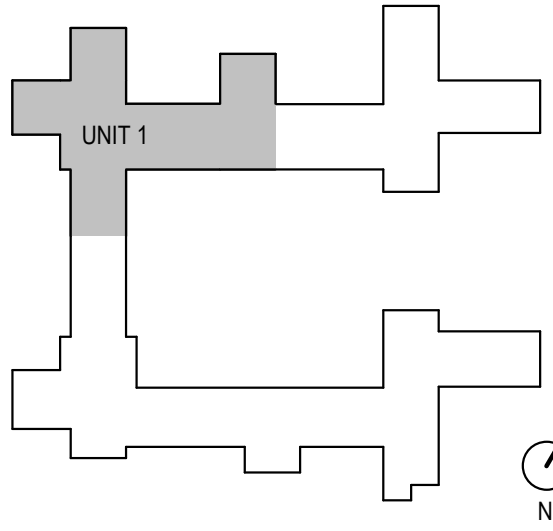
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KEY PLAN



### Construction Documents

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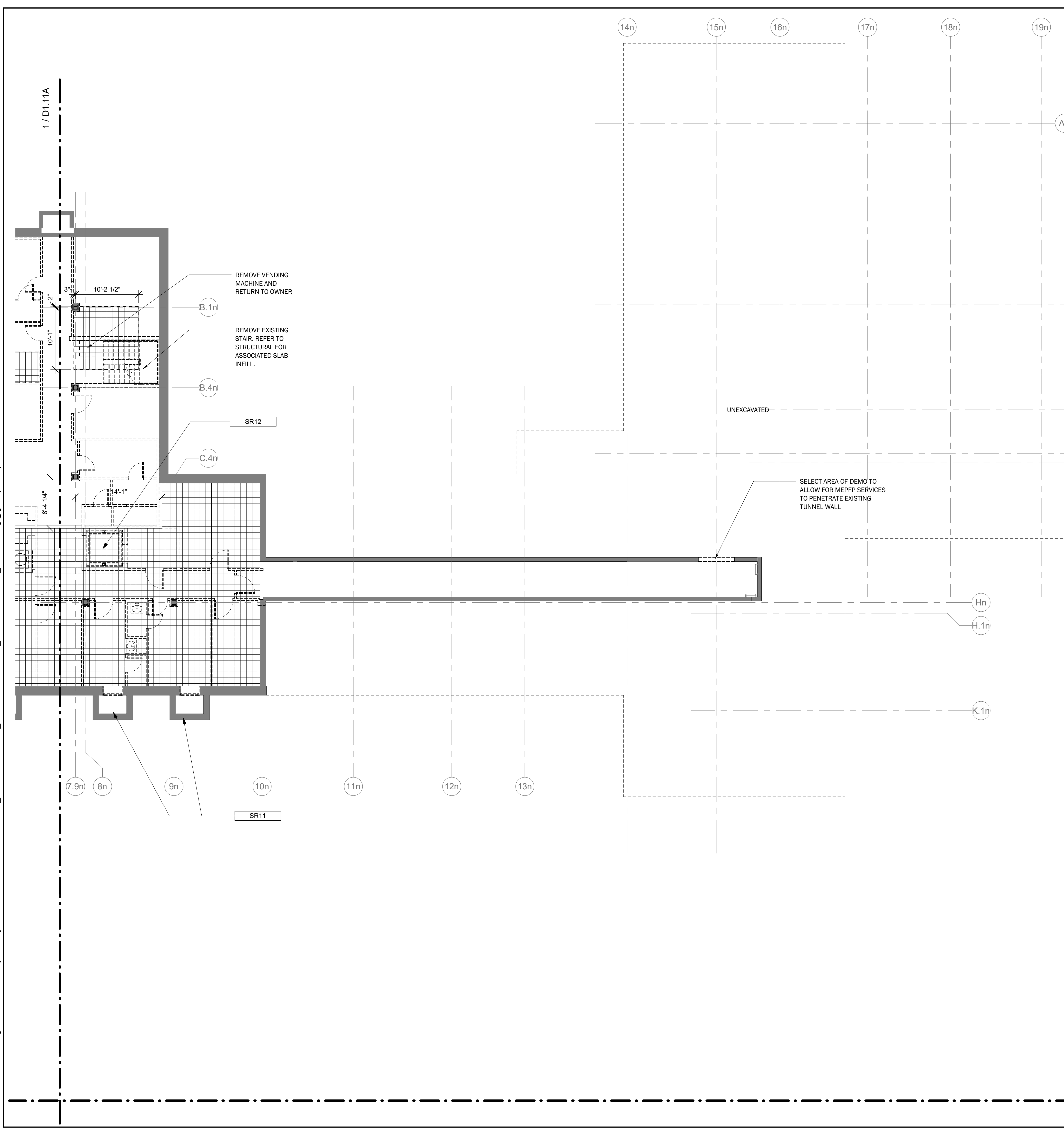
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GOODY CLANCY PROJECT NUMBER: 07400

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| SR5  | DEMOLISH PORTION OF EXISTING WALL AS REQUIRED TO REMOVE EXISTING ELECTRICAL AND LOW VOLTAGE DEVICES AND CONDUIT. REFER TO ELECTRICAL AND IT DRAWINGS.  |
| SR6  | REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. EXISTING FRAMED OPENING TO REMAIN AS IS.                                                                |
| SR7  | DEMOLISH PORTION OF EXISTING CEILING AND LIGHT FIXTURES. REMOVE AND SALVAGE ALL LIGHT FIXTURES.                                                        |
| SR8  | DEMOLISH TOP +/- 2'-5" OF TUNNEL WALL WITHIN AREA OF NEW SLAB ABOVE.                                                                                   |
| SR9  | REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE.                                                                                                   |
| SR10 | FRAME OPENING FOR NEW ELEVATOR AND DEMOLISH EXISTING SLAB WITHIN FOOTPRINT. REFER TO STRUCTURAL DRAWINGS.                                              |
| SR11 | EXISTING WINDOWS TO BE REMOVED AT WINDOW WELLS                                                                                                         |
| SR12 | REMOVE EXISTING ELEVATOR. REMOVE EXISTING SHAFT WALLS.                                                                                                 |
| SR13 | DORMER END WALLS TO REMAIN, DEMO KNEE WALLS BETWEEN DORMERS, TYPICAL ALL DORMERS U.N.O.                                                                |
| SR14 | REMOVE EXISTING WALL MOUNTED HANDRAIL AND ASSOCIATED MOUNTING HARDWARE AT ALL RUNS, INTERMEDIATE LANDINGS, AND LEVEL LANDINGS.                         |

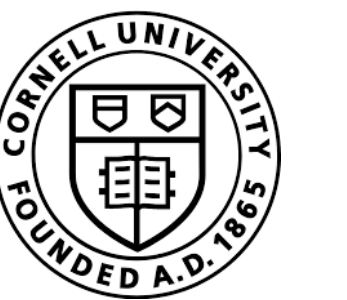
**DEFINITIONS**

- DEMOLISH:** REMOVE EXISTING ELEMENT(S) AND DISCARD; ELEMENT IS NOT TO REMAIN AS PART OF THE COMPLETED WORK; SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING MATERIALS WASTE HANDLING AND RECYCLING.
- REMOVE:** ELEMENT WILL NOT REMAIN AS PART OF THE COMPLETED WORK; SALVAGE AS A COMPLETE BUILDING ELEMENT INTENDED FOR RECYCLING/REUSE AS DIRECTED BY OWNER.
- SALVAGE:** CAREFULLY REMOVE EXISTING ELEMENT(S) OR ASSEMBLY WITHOUT DAMAGE; ELEMENT IS TO REMAIN AS PART OF THE COMPLETED WORK AND MUST BE REINSTALLED. CONTRACTOR TO TAG AND LABEL SALVAGED ELEMENTS TO ENSURE REINSTALLATION IN ORIGINAL LOCATION.

**DEMOLITION LEGEND**

- [Symbol] SLAB REMOVAL. SEE STRUCTURAL
- [Symbol] PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
- [Symbol] PROTECT ALL EXISTING STAIR ELEMENTS AND FINISHES, UNO.
- [Symbol] EXISTING INACCESSIBLE AREA
- [Symbol] AREA TO BE EXCAVATED
- [Symbol] CEILING AREA TO BE DEMOLISHED
- [Symbol] ATTIC SPACE, NO SLAB
- [Symbol] LIMITED DEMOLITION SCOPE IN TATKON CENTER (REFER TO D4.03 AND D4.04) AND RHD APARTMENT (REFER TO D4.05)
- [Symbol] EXISTING WALL TO REMAIN
- [Symbol] EXISTING WALL TO BE REMOVED
- [Symbol] CREATE OPENING IN EXISTING WALL
- [Symbol] EXISTING DOOR AND FRAME TO BE REMOVED
- [Symbol] EXISTING DOOR TO BE REMOVED, PROTECT FRAME TO REMAIN
- [Symbol] EXISTING DOOR TO REMAIN, PROTECT, MODIFY HARDWARE AS SCHEDULED
- [Symbol] EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

1 1ST FLOOR DEMOLITION - B  
D1.11B Scale: 1/8" = 1'-0"  
1 / D1.11D



**BALCH HALL RENOVATION**  
Cornell University

600 Thurston Avenue  
Ithaca, New York 14853

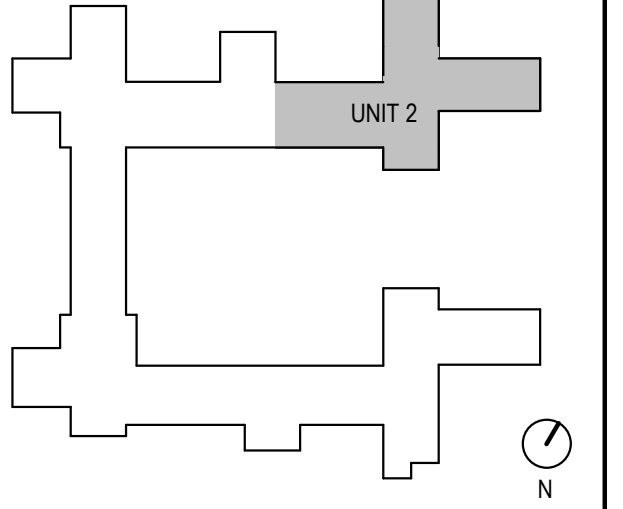
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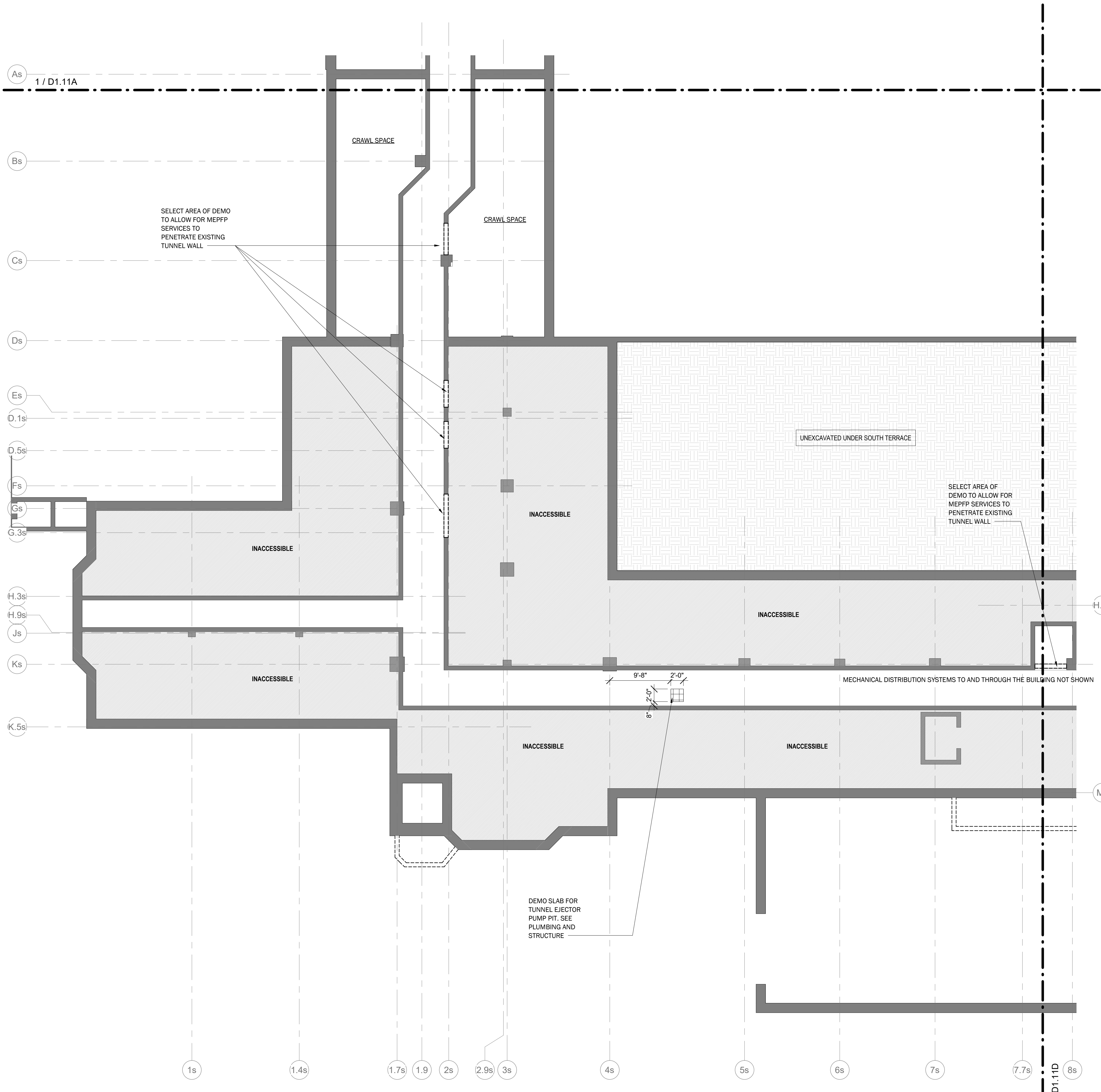
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**ENLARGED FIRST FLOOR DEMO PLAN - B**

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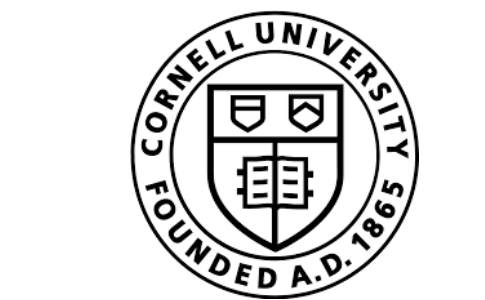
- OWNER SALVAGE SCHEDULE**
- CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.
- ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**
- FIRE ALARM PANELS - WITHIN EACH UNIT AND MAIN PANELS
  - FIRE ALARM HORN STROBES
  - FIRE EXTINGUISHERS
  - SELECT FURNITURE - CORNELL TO IDENTIFY
  - ALL WAP DEVICES
  - AV EQUIPMENT
- ITEMS TO BE SALVAGED FOR REUSE IN BALCH:**
- BEDROOM ENTRY DOOR PANELS
  - PRESERVE ORIGINAL PAINTED DOOR NUMBERS
  - SALVAGE DOORS FROM ROOM 2517 AND 2269
  - SALVAGE 71 SOLID DOORS AND 20 MIRROR DOORS
  - SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
  - RESIDENT MAILBOXES

- DEMOLITION GENERAL NOTES**
- GENERAL CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, BOTH PRIOR TO DEMOLITION AND UPON COMPLETION OF DEMOLITION, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
  - PROTECT THE EXISTING BUILDING ELEMENTS SCHEDULED TO REMAIN. REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 02 "SELECTIVE DEMOLITION" FOR ADDITIONAL PROTECTION REQUIREMENTS. THE CONSTRUCTION MANAGER IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO EXISTING MATERIALS DURING DEMOLITION OR CONSTRUCTION TO MATCH ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER; SUCH REPAIR AND REPLACEMENT BEING ADDITIONAL IS SUBJECT TO ARCHITECT'S APPROVAL AND THE CONSTRUCTION MANAGER'S WRITTEN PROPOSAL FOR SUCH WORK.
  - REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 01 SECTION "CONSTRUCTION WASTE MANAGEMENT" FOR REQUIREMENTS AFFECTING SORTING, SEPARATION, DISPOSAL, OR RECYCLING OF DEMOLISHED MATERIALS.
  - REMOVE ALL FINISHES, CEILINGS, LIGHTING, MEP/FP SYSTEMS, PARTITIONS, SIGNAGE, AND ASSOCIATED ACCESSORIES IN ALL AREAS EXCEPT AS NOTED AND IN HISTORIC LOUNGES AND STAIRS AS SHOWN. REFER TO SELECTIVE REMOVAL KEYNOTES ON ENLARGED DEMO PLANS FOR SCOPE OF DEMOLITION, REMOVAL, AND SALVAGE SCOPE IN THESE AREAS.
  - REFER TO MEP & FP DRAWINGS FOR EXTENT AND LOCATION OF EXISTING SERVICES DEMOLITION, CUT AND PATCH FINISHES AS REQUIRED FOR ACCESS.
  - EXISTING STRUCTURE AND CHIMNEYS TO REMAIN UNO., PROTECT. DEMOLITION PLANS INDICATE EXTENT OF FLOOR DEMOLITION. LOCAL EXTENTS OF SLAB DEMOLITION TO BE CONFIRMED IN THE FIELD. DIMENSIONS SHOWN ARE MIN. OPENING SIZES. OPENING MAY NEED TO BE ENLARGED DEPENDING ON LOCATION OF EXISTING CONCRETE RIBBS. SEE STRUCTURAL TYPICAL DETAIL FOR OVERCUT AND INFILL IN THESE AREAS.
  - NOTIFY ARCHITECT IF ADDITIONAL CUTTING AND PATCHING IS REQUIRED TO ACCESS ITEMS INDICATED FOR DEMOLITION OR INSTALLATION OF NEW SYSTEMS.
  - SALVAGE ALL HISTORIC LIGHT FIXTURES AND OTHER HISTORIC ITEMS AS SHOWN.
  - SEE EXTERIOR ELEVATIONS FOR WINDOW REMOVAL AND REPLACEMENT INFORMATION.
  - REFER TO D1.07 AND D1.17 SERIES FOR DEMOLITION SCOPE AT ROOF.
  - SEE LANDSCAPE AND CIVIL DRAWINGS FOR EXTENT OF COURTYARD AND EXTERIOR LANDSCAPE DEMOLITION.
  - ALL UNUSED FLOOR AND WALL OPENINGS, WHETHER NEW OR EXISTING, SHALL BE INFILLED. ALL FLOOR OPENINGS MUST MEET FIRE RATINGS INDICATED ON LIFE SAFETY DRAWINGS. WALL OPENINGS, WHEN OCCURRING IN RATED WALLS INDICATED ON THE LIFE SAFETY DRAWINGS, MUST MEET RATING REQUIREMENTS.
  - REFER TO SALVAGE SCHEDULE FOR ADDITIONAL ELEMENTS TO BE SALVAGED FOR REINSTALLATION OR TO TURNED OVER TO THE OWNER.
  - EXISTING PLASTER/GYPSUM/STUD INTERIOR PARTITION WALLS ARE NOT STRUCTURAL IN THE EXISTING BUILDING. SLABS TO BE INFILLED AS REQUIRED AFTER THE REMOVAL OF THE PLASTER AND LATH PARTITIONS.
  - FOR INTERIOR TERRACOTTA PARTITION WALLS THAT ARE TO BE DEMOLISHED, GO TO LOCALLY EXPOSE UNDERSIDE OF SLAB ABOVE AT TOP OF PARTITION WALL FOR OBSERVATION BY DESIGN TEAM BEFORE WALL IS DEMOLISHED.
  - DEMOLITION OF EXISTING FLOOR FINISH ASSEMBLIES (INCLUDING BUT NOT LIMITED TO TILE, CARPET, RESILIENT FLOORING) SHOULD INCLUDE THE SETTING BED/FLOOR LEVELING COMPOUNDS AND BE REMOVED DOWN TO STRUCTURAL SLAB.

**SELECTIVE REMOVAL KEYNOTE LEGEND**

|      |                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR1  | DEMOLISH ALL MILLWORK AT WINDOWS AS REQUIRED FOR DEMOLITION OF EXISTING RADIATORS AND ASSOCIATED PIPING.                                               |
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| SR3  | DEMOLISH EXISTING PLEXIGLASS FIREPLACE ENCLOSURE.                                                                                                      |
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| SR6  | REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. EXISTING FRAMED OPENING TO REMAIN AS IS.                                                                |
| SR7  | DEMOLISH PORTION OF EXISTING CEILING AND LIGHT FIXTURES. REMOVE AND SALVAGE ALL LIGHT FIXTURES.                                                        |
| SR8  | DEMOLISH TOP +/- 2'-5" OF TUNNEL WALL WITHIN AREA OF NEW SLAB ABOVE.                                                                                   |
| SR9  | REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE.                                                                                                   |
| SR10 | FRAME OPENING FOR NEW ELEVATOR AND DEMOLISH EXISTING SLAB WITHIN FOOTPRINT. REFER TO STRUCTURAL DRAWINGS.                                              |
| SR11 | EXISTING WINDOWS TO BE REMOVED AT WINDOW WELLS.                                                                                                        |
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| SR13 | DORMER END WALLS TO REMAIN, DEMO KNEE WALLS BETWEEN DORMERS, TYPICAL ALL DORMERS U.N.O.                                                                |
| SR14 | REMOVE EXISTING WALL MOUNTED HANDRAIL AND ASSOCIATED MOUNTING HARDWARE AT ALL RUNS, INTERMEDIATE LANDINGS, AND LEVEL LANDINGS.                         |

1 1ST FLOOR DEMOLITION - C  
D1.11C Scale: 1/8" = 1'-0"



**BALCH HALL RENOVATION**

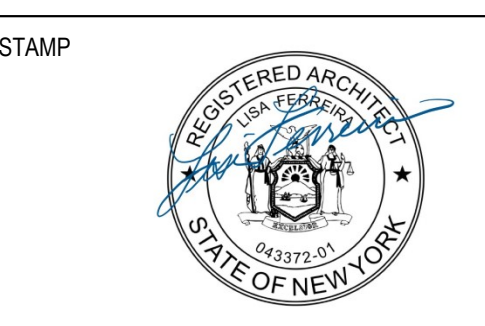
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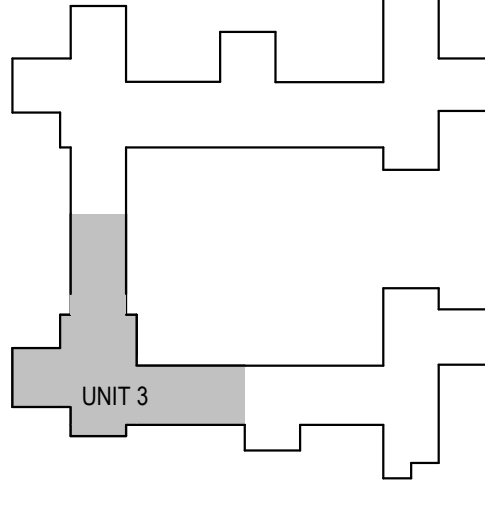
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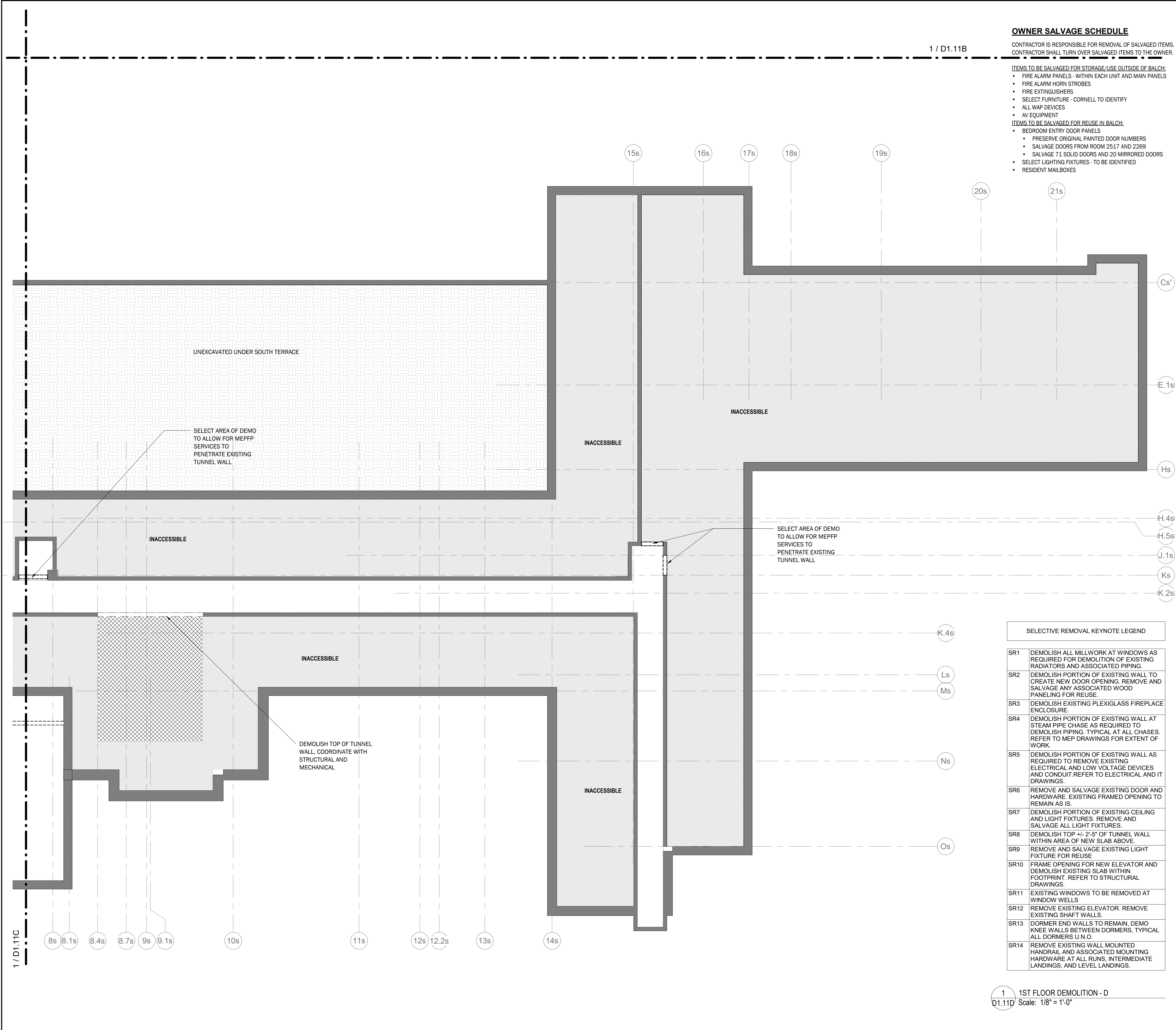
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1 / D1.11B

**OWNER SALVAGE SCHEDULE**

CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.

**ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**

- FIRE ALARM PANELS - WITHIN EACH UNIT AND MAIN PANELS
- FIRE ALARM HORN STROBES
- FIRE EXTINGUISHERS
- SELECT FURNITURE - CORNELL TO IDENTIFY
- ALL WAP DEVICES
- AV EQUIPMENT

**ITEMS TO BE SALVAGED FOR REUSE IN BALCH:**

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- SALVAGE DOORS FROM ROOM 2517 AND 2269
- SALVAGE 71 SOLID DOORS AND 20 MIRRORED DOORS
- SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
- RESIDENT MAILBOXES

**DEMOLITION GENERAL NOTES**

1. GENERAL CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, BOTH PRIOR TO DEMOLITION AND UPON COMPLETION OF DEMOLITION, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. PROTECT THE EXISTING BUILDING ELEMENTS SCHEDULED TO REMAIN. REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 02 "SELECTIVE DEMOLITION" FOR ADDITIONAL PROTECTION REQUIREMENTS. THE CONSTRUCTION MANAGER IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO EXISTING MATERIALS DURING DEMOLITION OR CONSTRUCTION TO MATCH ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER; SUCH REPAIR AND REPLACEMENT BEING ADDITIONAL IS SUBJECT TO ARCHITECT'S APPROVAL AND THE CONSTRUCTION MANAGER'S WRITTEN PROPOSAL FOR SUCH WORK.
3. REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 01 SECTION "CONSTRUCTION WASTE MANAGEMENT" FOR REQUIREMENTS AFFECTING SORTING, SEPARATION, DISPOSAL, OR RECYCLING OF DEMOLISHED MATERIALS.
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7. NOTIFY ARCHITECT IF ADDITIONAL CUTTING AND PATCHING IS REQUIRED TO ACCESS ITEMS INDICATED FOR DEMOLITION OR INSTALLATION OF NEW SYSTEMS.
8. SALVAGE ALL HISTORIC LIGHT FIXTURES AND OTHER HISTORIC ITEMS AS SHOWN.
9. SEE EXTERIOR ELEVATIONS FOR WINDOW REMOVAL AND REPLACEMENT INFORMATION.
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**DEFINITIONS**

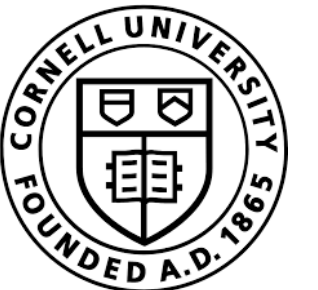
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- **REMOVE:** ELEMENT WILL NOT REMAIN AS PART OF THE COMPLETED WORK; SALVAGE AS A COMPLETE BUILDING ELEMENT INTENDED FOR RECYCLING/REUSE AS DIRECTED BY OWNER.
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**DEMOLITION LEGEND**

- SLAB REMOVAL. SEE STRUCTURAL
- PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
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**SELECTIVE REMOVAL KEYNOTE LEGEND**

|      |                                                                                                                                                        |
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**BALCH HALL RENOVATION**

**Cornell University**

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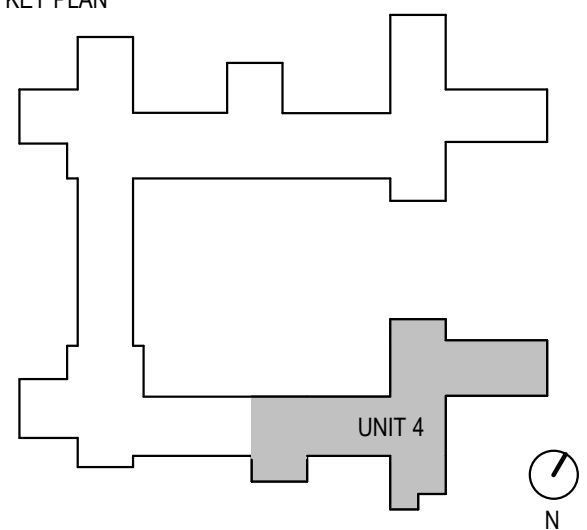
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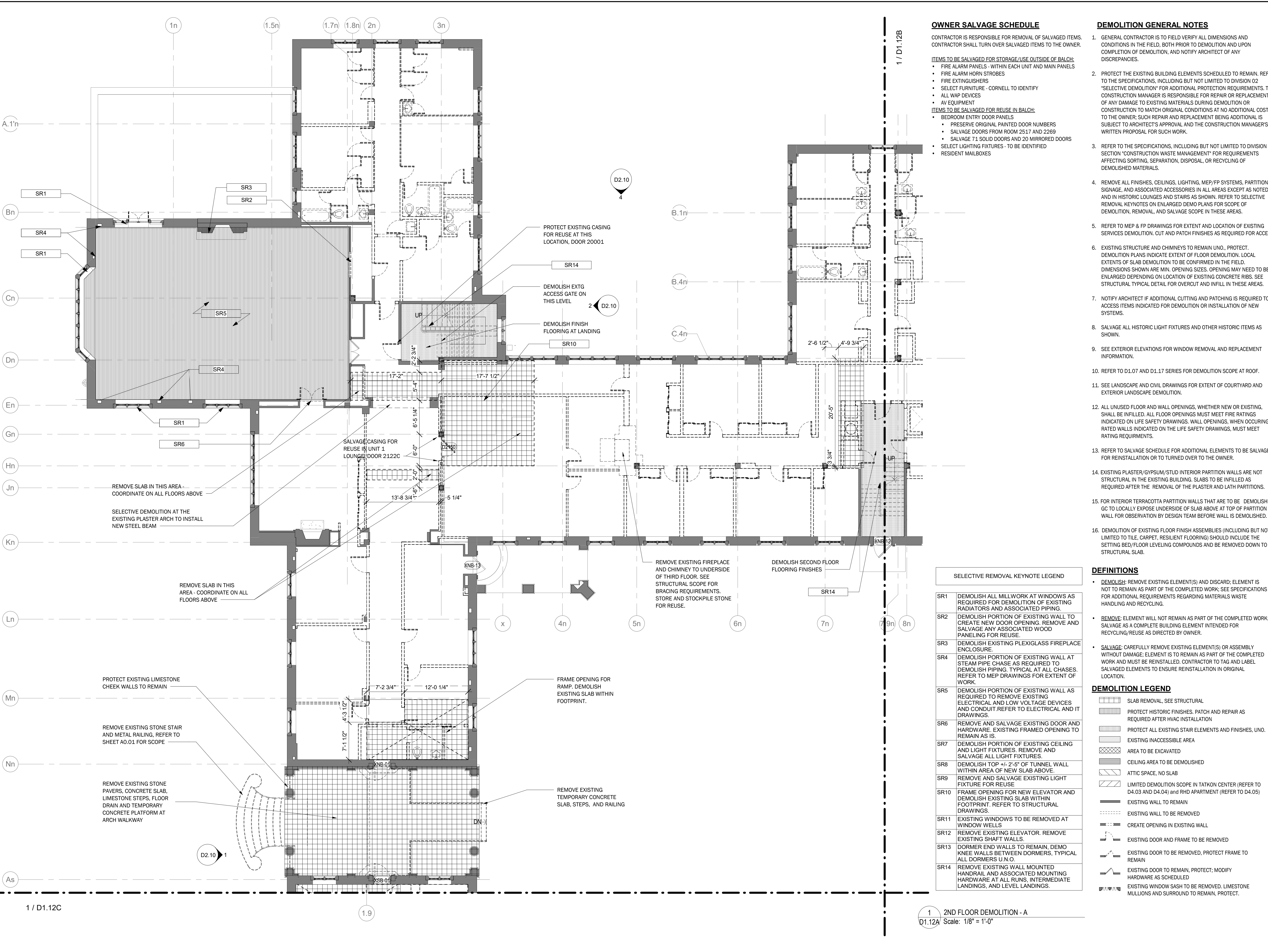
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**D1.11D**

1 1ST FLOOR DEMOLITION - D  
D1.11D Scale: 1/8" = 1'-0"



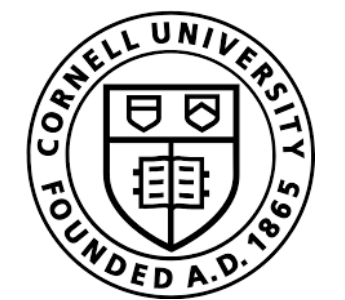
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  - PROTECT THE EXISTING BUILDING ELEMENTS SCHEDULED TO REMAIN. REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 02 "SELECTIVE DEMOLITION" FOR ADDITIONAL PROTECTION REQUIREMENTS. THE CONSTRUCTION MANAGER IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO EXISTING MATERIALS DURING DEMOLITION OR CONSTRUCTION TO MATCH ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER, SUCH REPAIR AND REPLACEMENT BEING ADDITIONAL IS SUBJECT TO ARCHITECT'S APPROVAL AND THE CONSTRUCTION MANAGER'S WRITTEN PROPOSAL FOR SUCH WORK.
  - REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 01 SECTION "CONSTRUCTION WASTE MANAGEMENT" FOR REQUIREMENTS AFFECTING SORTING, SEPARATION, DISPOSAL, OR RECYCLING OF DEMOLISHED MATERIALS.
  - REMOVE ALL FINISHES, CEILINGS, LIGHTING, MEP/FP SYSTEMS, PARTITIONS, SIGNAGE, AND ASSOCIATED ACCESSORIES IN ALL AREAS EXCEPT AS NOTED AND IN HISTORIC LOUNGES AND STAIRS AS SHOWN. REFER TO SELECTIVE DEMOLITION KEYNOTES ON ENLARGED DEMO PLANS FOR SCOPE OF DEMOLITION, REMOVAL, AND SALVAGE SCOPE IN THESE AREAS.
  - REFER TO MEP & FP DRAWINGS FOR EXTENT AND LOCATION OF EXISTING SERVICES DEMOLITION. CUT AND PATCH FINISHES AS REQUIRED FOR ACCESS.
  - EXISTING STRUCTURE AND CHIMNEYS TO REMAIN UNO., PROTECT. DEMOLITION PLANS INDICATE EXTENT OF FLOOR DEMOLITION. LOCAL EXTENTS OF SLAB DEMOLITION TO BE CONFIRMED IN THE FIELD. DIMENSIONS SHOWN ARE MIN. OPENING SIZES. OPENING MAY NEED TO BE ENLARGED DEPENDING ON LOCATION OF EXISTING CONCRETE RIBS. SEE STRUCTURAL TYPICAL DETAIL FOR OVERCUT AND INFILL IN THESE AREAS.
  - NOTIFY ARCHITECT IF ADDITIONAL CUTTING AND PATCHING IS REQUIRED TO ACCESS ITEMS INDICATED FOR DEMOLITION OR INSTALLATION OF NEW SYSTEMS.
  - SALVAGE ALL HISTORIC LIGHT FIXTURES AND OTHER HISTORIC ITEMS AS SHOWN.
  - SEE EXTERIOR ELEVATIONS FOR WINDOW REMOVAL AND REPLACEMENT INFORMATION.
  - REFER TO D1.07 AND D1.17 SERIES FOR DEMOLITION SCOPE AT ROOF.
  - SEE LANDSCAPE AND CIVIL DRAWINGS FOR EXTENT OF COURTYARD AND EXTERIOR LANDSCAPE DEMOLITION.
  - ALL UNUSED FLOOR AND WALL OPENINGS, WHETHER NEW OR EXISTING, SHALL BE INFILLED. ALL FLOOR OPENINGS MUST MEET FIRE RATINGS INDICATED ON LIFE SAFETY DRAWINGS. WALL OPENINGS, WHEN OCCURRING IN RATED WALLS INDICATED ON THE LIFE SAFETY DRAWINGS, MUST MEET RATING REQUIREMENTS.
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  - FOR INTERIOR TERRACOTTA PARTITION WALLS THAT ARE TO BE DEMOLISHED, GC TO LOCALLY EXPOSE UNDERSIDE OF SLAB ABOVE AT TOP OF PARTITION WALL FOR OBSERVATION BY DESIGN TEAM BEFORE WALL IS DEMOLISHED.
  - DEMOLITION OF EXISTING FLOOR FINISH ASSEMBLIES (INCLUDING BUT NOT LIMITED TO TILE, CARPET, RESILIENT FLOORING) SHOULD INCLUDE THE SETTING BED/FLOOR LEVELING COMPOUNDS AND BE REMOVED DOWN TO STRUCTURAL SLAB.

**SELECTIVE REMOVAL KEYNOTE LEGEND**

|      |                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR1  | DEMOLISH ALL MILLWORK AT WINDOWS AS REQUIRED FOR DEMOLITION OF EXISTING RADIATORS AND ASSOCIATED PIPING.                                               |
| SR2  | DEMOLISH PORTION OF EXISTING WALL TO CREATE NEW DOOR OPENING. REMOVE AND SALVAGE ANY ASSOCIATED WOOD PANELING FOR REUSE.                               |
| SR3  | DEMOLISH EXISTING PLEXIGLASS FIREPLACE ENCLOSURE.                                                                                                      |
| SR4  | DEMOLISH PORTION OF EXISTING WALL AT STEAM PIPE CHASE AS REQUIRED TO DEMOLISH PIPING. TYPICAL AT ALL CHASES. REFER TO MEP DRAWINGS FOR EXTENT OF WORK. |
| SR5  | DEMOLISH PORTION OF EXISTING WALL AS REQUIRED TO REMOVE EXISTING ELECTRICAL AND LOW VOLTAGE DEVICES AND CONDUIT. REFER TO ELECTRICAL AND IT DRAWINGS.  |
| SR6  | REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. EXISTING FRAMED OPENING TO REMAIN AS IS.                                                                |
| SR7  | DEMOLISH PORTION OF EXISTING CEILING AND LIGHT FIXTURES. REMOVE AND SALVAGE ALL LIGHT FIXTURES.                                                        |
| SR8  | DEMOLISH TOP +/- 2'-5" OF TUNNEL WALL WITHIN AREA OF NEW SLAB ABOVE.                                                                                   |
| SR9  | REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE                                                                                                    |
| SR10 | FRAME OPENING FOR NEW ELEVATOR AND DEMOLISH EXISTING SLAB WITHIN FOOTPRINT. REFER TO STRUCTURAL DRAWINGS.                                              |
| SR11 | EXISTING WINDOWS TO BE REMOVED AT WINDOW WELLS                                                                                                         |
| SR12 | REMOVE EXISTING ELEVATOR. REMOVE EXISTING SHAFT WALLS.                                                                                                 |
| SR13 | DORMER END WALLS TO REMAIN, DEMO KNEE WALLS BETWEEN DORMERS, TYPICAL ALL DORMERS U.N.O.                                                                |
| SR14 | REMOVE EXISTING WALL MOUNTED HANDRAIL AND ASSOCIATED MOUNTING HARDWARE AT ALL RUNS, INTERMEDIATE LANDINGS, AND LEVEL LANDINGS.                         |

- DEFINITIONS**
- DEMOLISH:** REMOVE EXISTING ELEMENT(S) AND DISCARD; ELEMENT IS NOT TO REMAIN AS PART OF THE COMPLETED WORK; SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING MATERIALS WASTE HANDLING AND RECYCLING.
  - REMOVE:** ELEMENT WILL NOT REMAIN AS PART OF THE COMPLETED WORK; SALVAGE AS A COMPLETE BUILDING ELEMENT INTENDED FOR RECYCLING/REUSE AS DIRECTED BY OWNER.
  - SALVAGE:** CAREFULLY REMOVE EXISTING ELEMENT(S) OR ASSEMBLY WITHOUT DAMAGE; ELEMENT IS TO REMAIN AS PART OF THE COMPLETED WORK AND MUST BE REINSTALLED. CONTRACTOR TO TAG AND LABEL SALVAGED ELEMENTS TO ENSURE REINSTALLATION IN ORIGINAL LOCATION.
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- SLAB REMOVAL, SEE STRUCTURAL
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  - PROTECT ALL EXISTING STAIR ELEMENTS AND FINISHES, UNO.
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**BALCH HALL RENOVATION**

Cornell University

600 Thurston Avenue  
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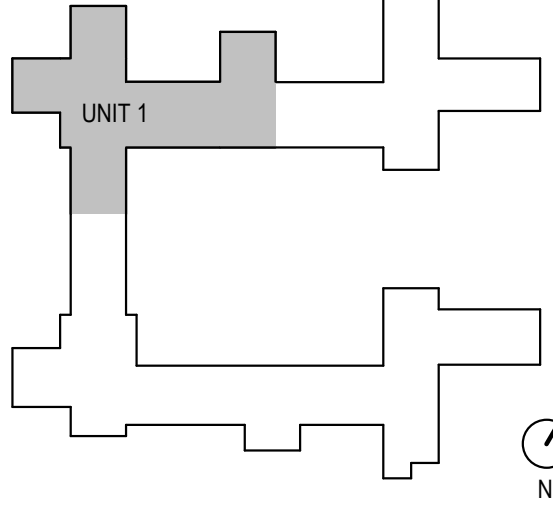


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KEY PLAN



**Construction Documents**

ISSUED: 11/5/2021

**ENLARGED SECOND FLOOR DEMO PLAN - A**

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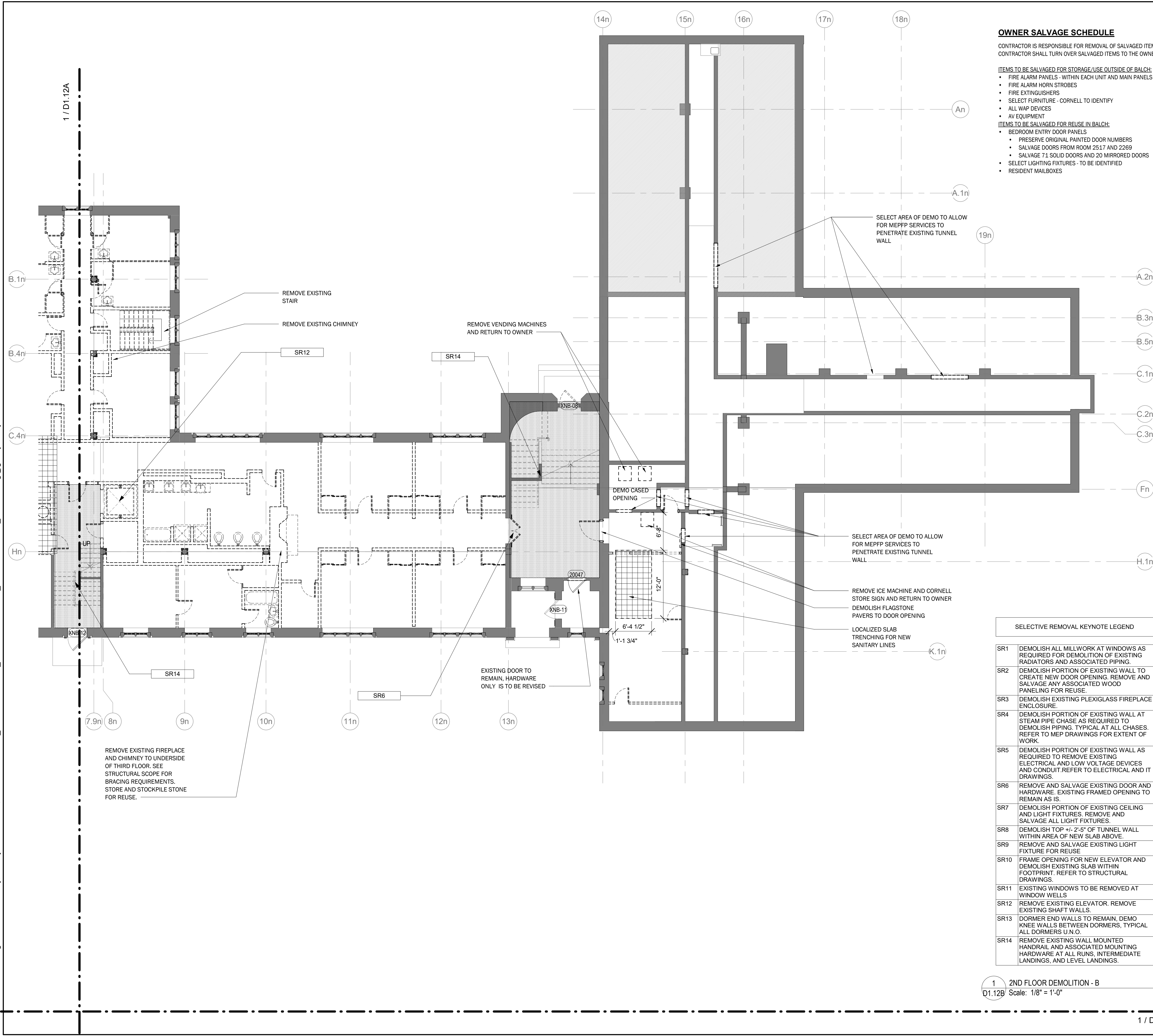
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**D1.12A**

1 / D1.12C

1 2ND FLOOR DEMOLITION - A  
D1.12A Scale: 1/8" = 1'-0"

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**OWNER SALVAGE SCHEDULE**

CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.

**ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**

- FIRE ALARM PANELS - WITHIN EACH UNIT AND MAIN PANELS
- FIRE ALARM HORN STROBES
- FIRE EXTINGUISHERS
- SELECT FURNITURE - CORNELL TO IDENTIFY
- ALL WAP DEVICES
- AV EQUIPMENT

**ITEMS TO BE SALVAGED FOR REUSE IN BALCH:**

- BEDROOM ENTRY DOOR PANELS
- PRESERVE ORIGINAL PAINTED DOOR NUMBERS
- SALVAGE DOORS FROM ROOM 2517 AND 2269
- SALVAGE 71 SOLID DOORS AND 20 MIRRORING DOORS
- SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
- RESIDENT MAILBOXES

**DEMOLITION GENERAL NOTES**

- GENERAL CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, BOTH PRIOR TO DEMOLITION AND UPON COMPLETION OF DEMOLITION, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
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|      |                                                                                                                                                        |
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**DEFINITIONS**

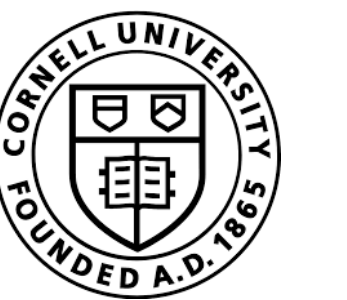
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**DEMOLITION LEGEND**

- ▢ SLAB REMOVAL, SEE STRUCTURAL
- ▨ PROTECT HISTORIC FINISHES, PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
- ▤ PROTECT ALL EXISTING STAIR ELEMENTS AND FINISHES, UNO.
- ▥ EXISTING INACCESSIBLE AREA
- ▧ AREA TO BE EXCAVATED
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- ATTIC SPACE, NO SLAB
- LIMITED DEMOLITION SCOPE IN TATKON CENTER (REFER TO D4.03 AND D4.04) and RHD APARTMENT (REFER TO D4.05)
- ▬ EXISTING WALL TO REMAIN
- ▭ EXISTING WALL TO BE REMOVED
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- ▯ EXISTING DOOR AND FRAME TO BE REMOVED
- ▰ EXISTING DOOR TO BE REMOVED, PROTECT FRAME TO REMAIN
- ▱ EXISTING DOOR TO REMAIN, PROTECT; MODIFY HARDWARE AS SCHEDULED
- ▲ EXISTING WINDOW SASH TO BE REMOVED, LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

1 2ND FLOOR DEMOLITION - B  
D1.12B Scale: 1/8" = 1'-0"

1 / D1.12D



**BALCH HALL RENOVATION**  
Cornell University

600 Thurston Avenue  
Ithaca, New York 14853

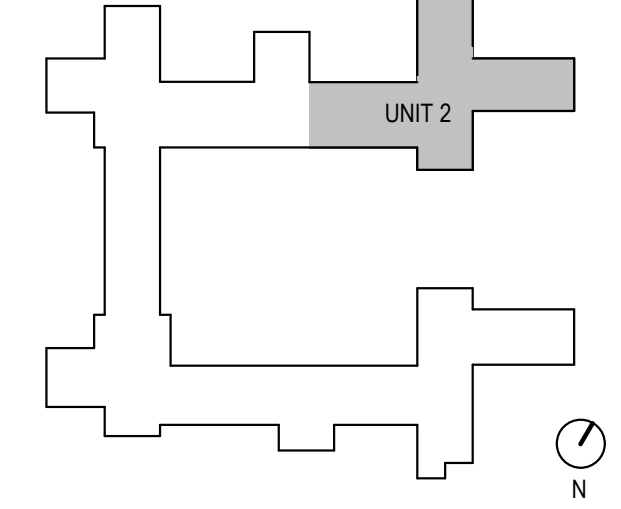
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KEY PLAN



**Construction Documents**

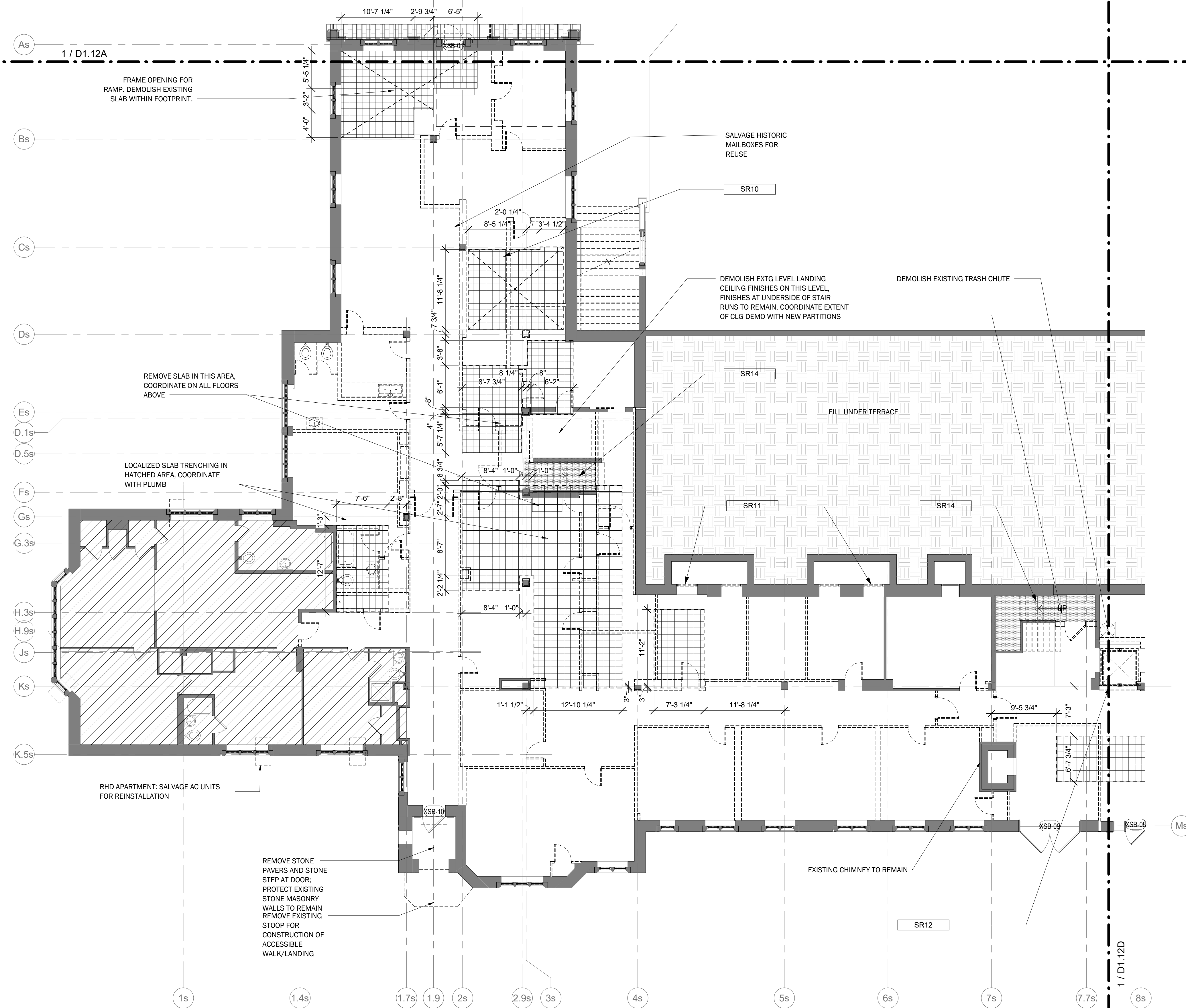
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ISSUE  
**ENLARGED SECOND FLOOR DEMO PLAN - B**

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**D1.12B**



**OWNER SALVAGE SCHEDULE**

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  - SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
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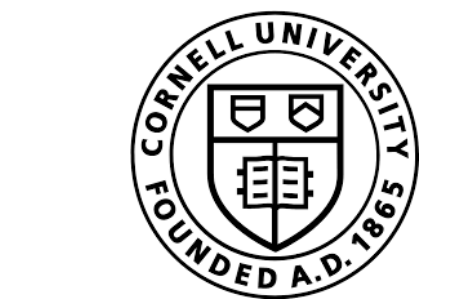
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**SELECTIVE REMOVAL KEYNOTE LEGEND**

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1 2ND FLOOR DEMOLITION - C  
D1.12C Scale: 1/8" = 1'-0"



**BALCH HALL RENOVATION**  
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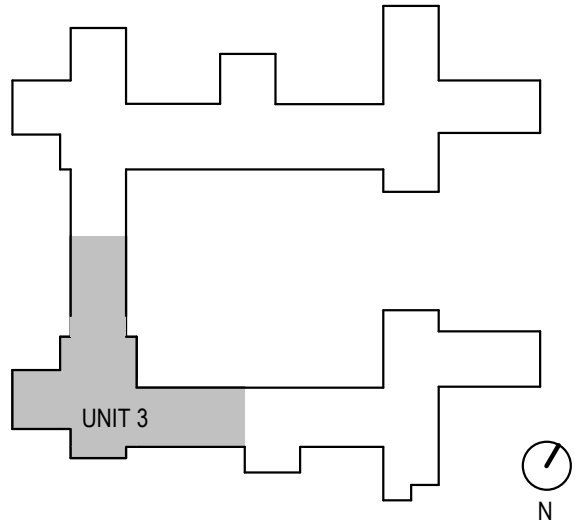
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p: 617.262.2760 f: 617.262.9512  
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KEY PLAN



**Construction Documents**

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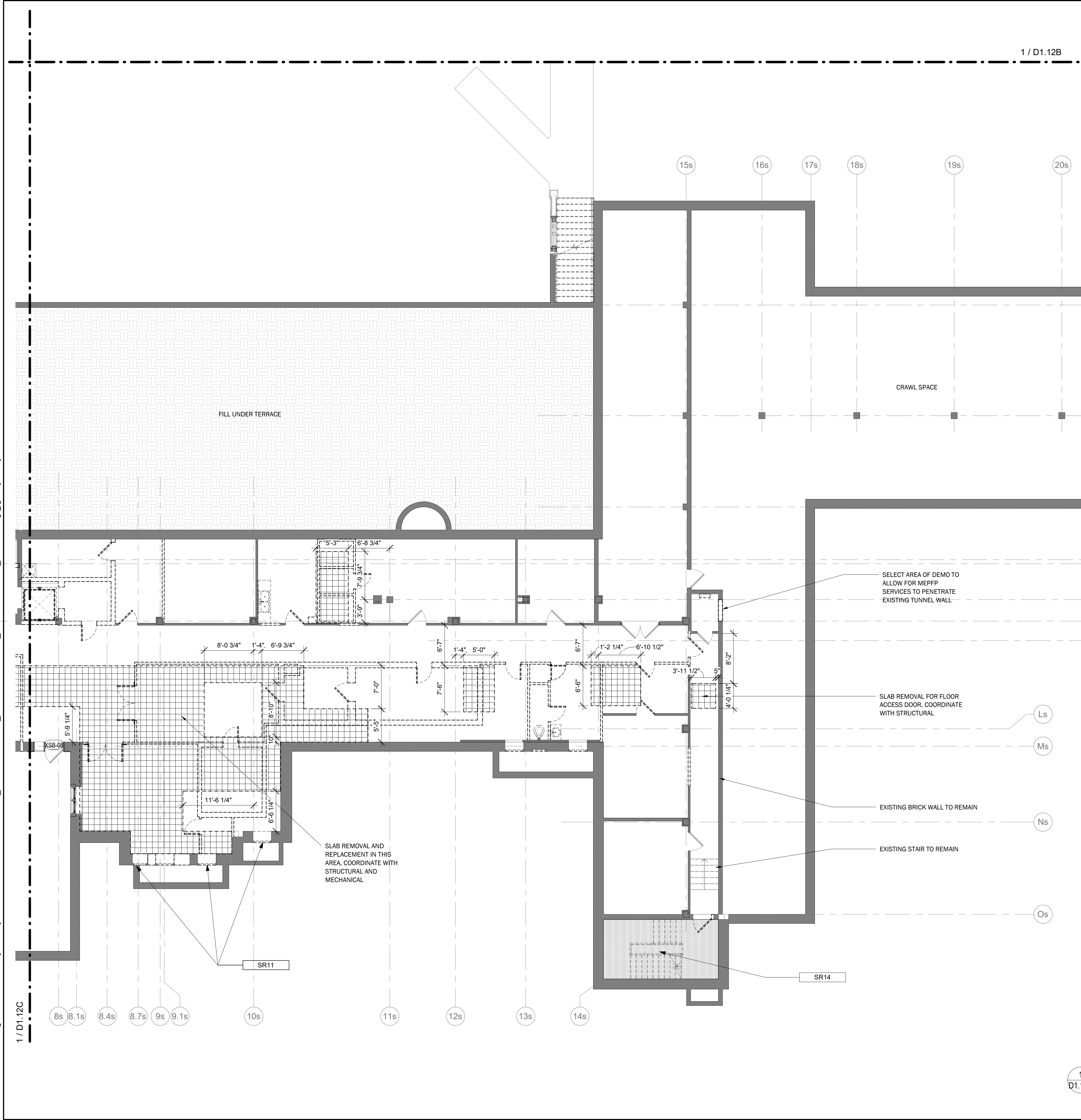
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| ENLARGED SECOND FLOOR DEMO PLAN - C | 11/5/2021 | OH |
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GOODY CLANCY PROJECT NUMBER: 07400

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### OWNER SALVAGE SCHEDULE

CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.

- ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**
- FIRE ALARM PANELS - WITHIN EACH UNIT AND MAIN PANELS
  - FIRE ALARM HORN STROBES
  - FIRE EXTINGUISHERS
  - SELECT FURNITURE - CORNELL TO IDENTIFY
  - ALL WAP DEVICES
  - AV EQUIPMENT

**ITEMS TO BE SALVAGED FOR REUSE IN BALCH:**

- BEDROOM ENTRY DOOR PANELS
- PRESERVE ORIGINAL PAINTED DOOR NUMBERS
- SALVAGE DOORS FROM ROOM 2517 AND 2269
- SALVAGE 71 SOLID DOORS AND 20 MIRROR DOORS
- SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
- RESIDENT MAILBOXES

### DEMOLITION GENERAL NOTES

- GENERAL CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, BOTH PRIOR TO DEMOLITION AND UPON COMPLETION OF DEMOLITION, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- PROTECT THE EXISTING BUILDING ELEMENTS SCHEDULED TO REMAIN. REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 02 "SELECTIVE DEMOLITION" FOR ADDITIONAL PROTECTION REQUIREMENTS. THE CONSTRUCTION MANAGER IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO EXISTING MATERIALS DURING DEMOLITION OR CONSTRUCTION TO MATCH ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER; SUCH REPAIR AND REPLACEMENT BEING ADDITIONAL IS SUBJECT TO ARCHITECT'S APPROVAL AND THE CONSTRUCTION MANAGER'S WRITTEN PROPOSAL FOR SUCH WORK.
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- REFER TO D1.07 AND D1.17 SERIES FOR DEMOLITION SCOPE AT ROOF.
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- FOR INTERIOR TERRAZZOTA PARTITION WALLS THAT ARE TO BE DEMOLISHED, GO TO LOCALLY EXPOSE UNDERSIDE OF SLAB ABOVE AT TOP OF PARTITION WALL FOR OBSERVATION BY DESIGN TEAM BEFORE WALL IS DEMOLISHED.
- DEMOLITION OF EXISTING FLOOR FINISH ASSEMBLIES (INCLUDING BUT NOT LIMITED TO TILE, CARPET, RESILIENT FLOORING) SHOULD INCLUDE THE SETTING BED/FLOOR LEVELING COMPOUNDS AND BE REMOVED DOWN TO STRUCTURAL SLAB.

### SELECTIVE REMOVAL KEYNOTE LEGEND

|      |                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR1  | DEMOLISH ALL MILLWORK AT WINDOWS AS REQUIRED FOR DEMOLITION OF EXISTING RADIATORS AND ASSOCIATED PIPING.                                               |
| SR2  | DEMOLISH PORTION OF EXISTING WALL TO CREATE NEW DOOR OPENING. REMOVE AND SALVAGE ANY ASSOCIATED WOOD PANELING FOR REUSE.                               |
| SR3  | DEMOLISH EXISTING PLEXIGLASS FIREPLACE ENCLOSURE.                                                                                                      |
| SR4  | DEMOLISH PORTION OF EXISTING WALL AT STEAM PIPE CHASE AS REQUIRED TO DEMOLISH PIPING. TYPICAL AT ALL CHASES. REFER TO MEP DRAWINGS FOR EXTENT OF WORK. |
| SR5  | DEMOLISH PORTION OF EXISTING WALL AS REQUIRED TO REMOVE EXISTING ELECTRICAL AND LOW VOLTAGE DEVICES AND CONDUIT. REFER TO ELECTRICAL AND IT DRAWINGS.  |
| SR6  | REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. EXISTING FRAMED OPENING TO REMAIN AS IS.                                                                |
| SR7  | DEMOLISH PORTION OF EXISTING CEILING AND LIGHT FIXTURES. REMOVE AND SALVAGE ALL LIGHT FIXTURES.                                                        |
| SR8  | DEMOLISH TOP +/- 2'-5" OF TUNNEL WALL WITHIN AREA OF NEW SLAB ABOVE.                                                                                   |
| SR9  | REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE.                                                                                                   |
| SR10 | FRAME OPENING FOR NEW ELEVATOR AND DEMOLISH EXISTING SLAB WITHIN FOOTPRINT. REFER TO STRUCTURAL DRAWINGS.                                              |
| SR11 | EXISTING WINDOWS TO BE REMOVED AT WINDOW WELLS                                                                                                         |
| SR12 | REMOVE EXISTING ELEVATOR. REMOVE EXISTING SHAFT WALLS.                                                                                                 |
| SR13 | DORMER END WALLS TO REMAIN, DEMO KNEE WALLS BETWEEN DORMERS, TYPICAL ALL DORMERS U.N.O.                                                                |
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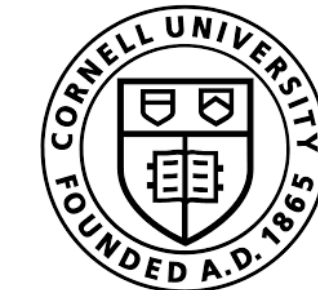
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1 2ND FLOOR DEMOLITION - D  
D1.12D Scale: 1/8" = 1'-0"



## BALCH HALL RENOVATION

Cornell University

600 Thurston Avenue  
Ithaca, New York 14853

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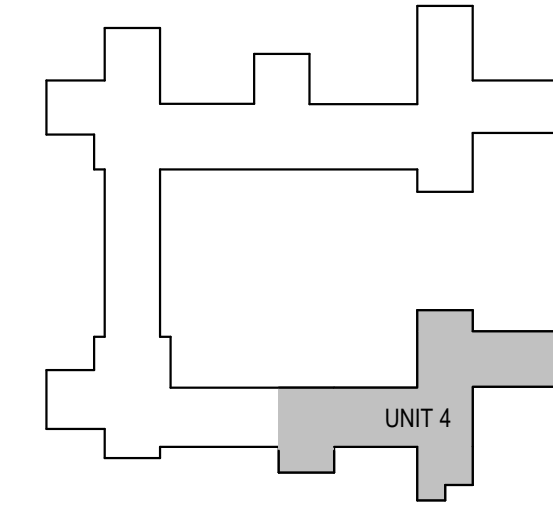
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KEY PLAN



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ISSUED: 11/5/2021

### ENLARGED SECOND FLOOR DEMO PLAN - D

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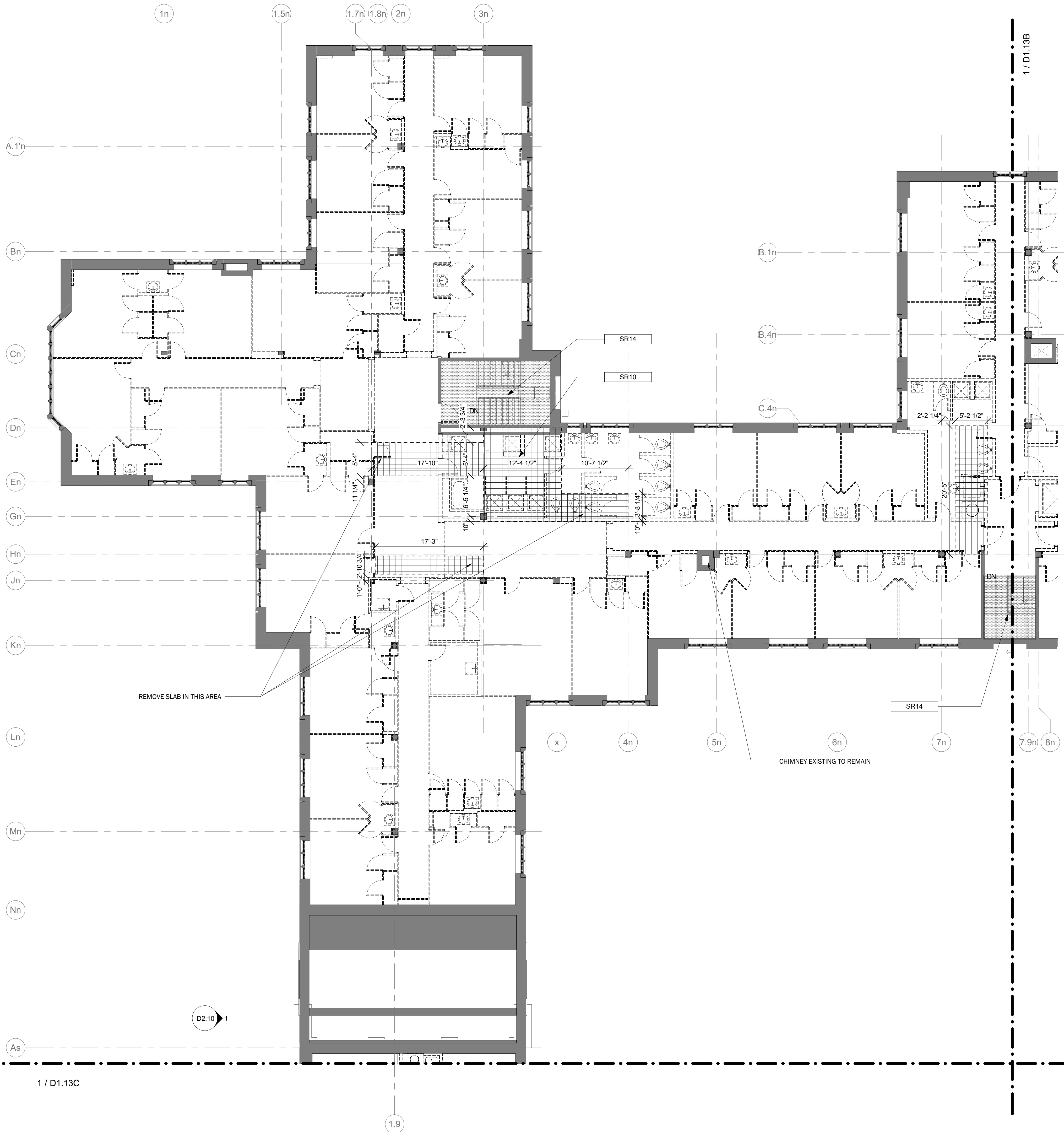
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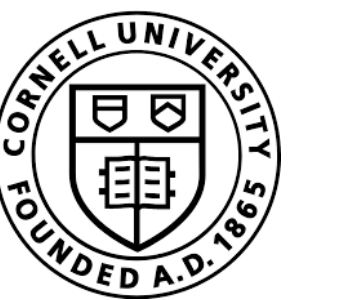
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1 3RD FLOOR DEMOLITION - A  
D1.13A Scale: 1/8" = 1'-0"



# BALCH HALL RENOVATION

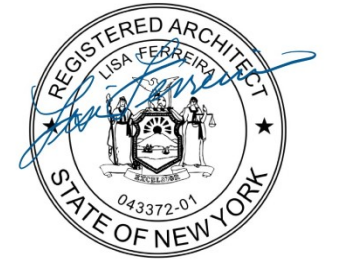
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Ithaca, New York 14853

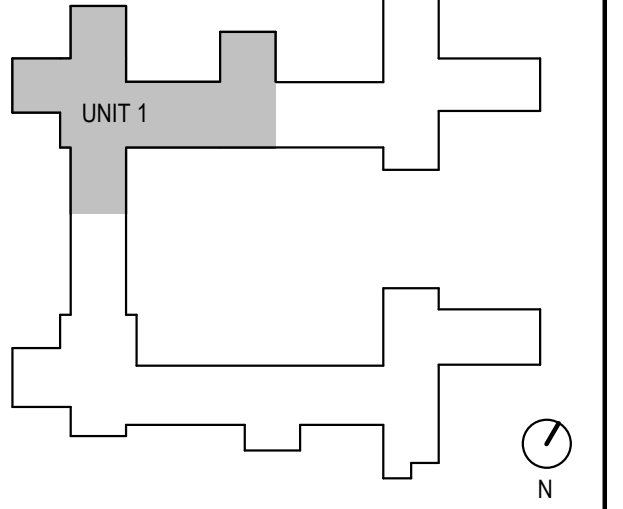
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KEY PLAN



## Construction Documents

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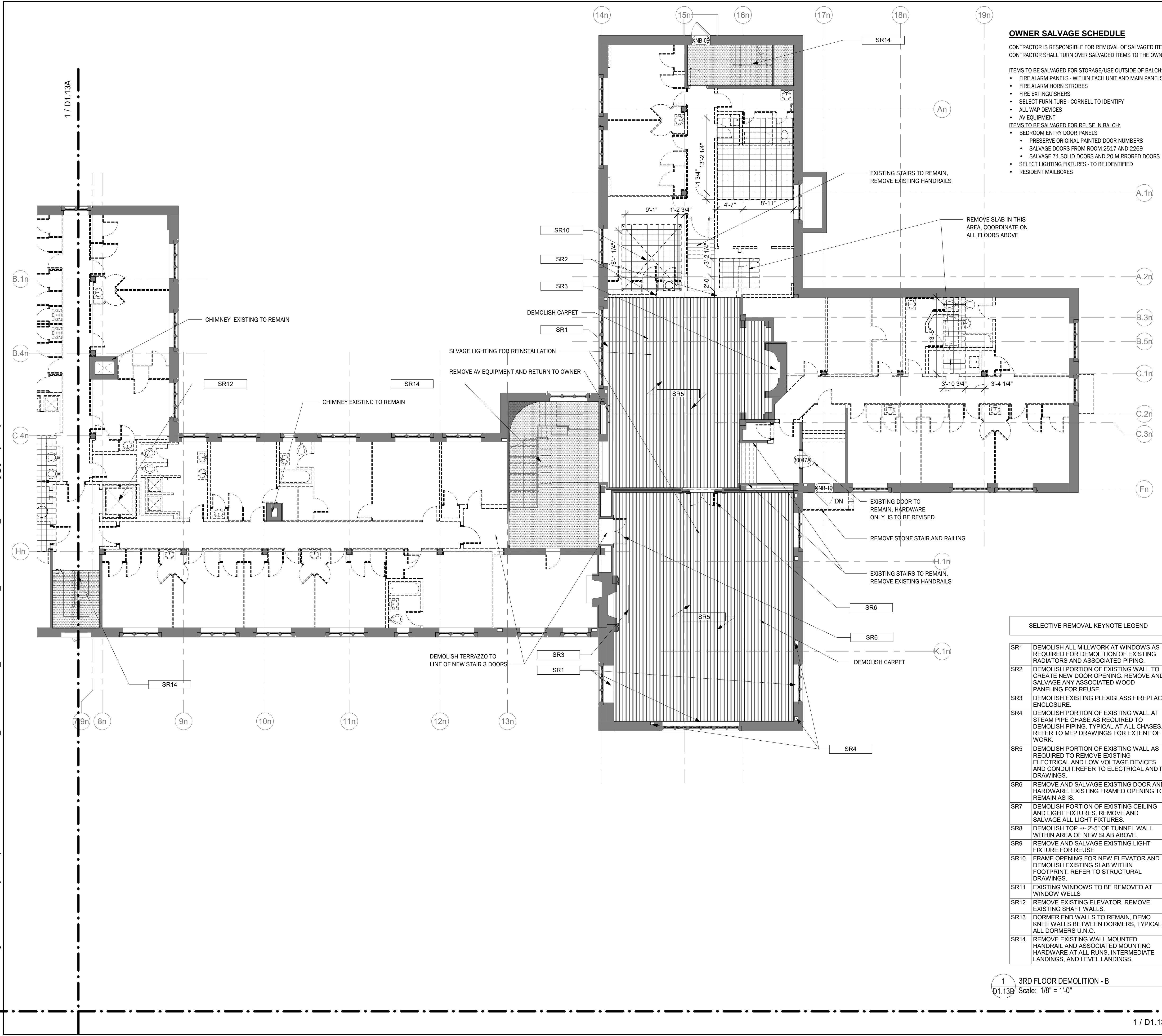
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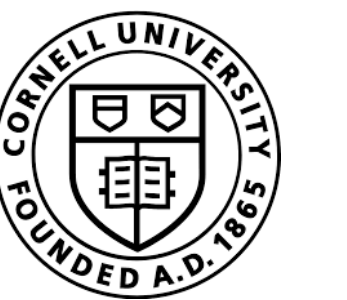
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  - FOR INTERIOR TERRAZZOTA PARTITION WALLS THAT ARE TO BE DEMOLISHED, GC TO LOCALLY EXPOSE UNDERSIDE OF SLAB ABOVE AT TOP OF PARTITION WALL FOR OBSERVATION BY DESIGN TEAM BEFORE WALL IS DEMOLISHED.
  - DEMOLITION OF EXISTING FLOOR FINISH ASSEMBLIES (INCLUDING BUT NOT LIMITED TO TILE, CARPET, RESILIENT FLOORING) SHOULD INCLUDE THE SETTING BED/FLOOR LEVELING COMPOUNDS AND BE REMOVED DOWN TO STRUCTURAL SLAB.

**SELECTIVE REMOVAL KEYNOTE LEGEND**

|      |                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR1  | DEMOLISH ALL MILLWORK AT WINDOWS AS REQUIRED FOR DEMOLITION OF EXISTING RADIATORS AND ASSOCIATED PIPING.                                               |
| SR2  | DEMOLISH PORTION OF EXISTING WALL TO CREATE NEW DOOR OPENING. REMOVE AND SALVAGE ANY ASSOCIATED WOOD PANELING FOR REUSE.                               |
| SR3  | DEMOLISH EXISTING PLEXIGLASS FIREPLACE ENCLOSURE.                                                                                                      |
| SR4  | DEMOLISH PORTION OF EXISTING WALL AT STEAM PIPE CHASE AS REQUIRED TO DEMOLISH PIPING. TYPICAL AT ALL CHASES. REFER TO MEP DRAWINGS FOR EXTENT OF WORK. |
| SR5  | DEMOLISH PORTION OF EXISTING WALL AS REQUIRED TO REMOVE EXISTING ELECTRICAL AND LOW VOLTAGE DEVICES AND CONDUIT. REFER TO ELECTRICAL AND IT DRAWINGS.  |
| SR6  | REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. EXISTING FRAMED OPENING TO REMAIN AS IS.                                                                |
| SR7  | DEMOLISH PORTION OF EXISTING CEILING AND LIGHT FIXTURES. REMOVE AND SALVAGE ALL LIGHT FIXTURES.                                                        |
| SR8  | DEMOLISH TOP +/- 2'-5" OF TUNNEL WALL WITHIN AREA OF NEW SLAB ABOVE.                                                                                   |
| SR9  | REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE.                                                                                                   |
| SR10 | FRAME OPENING FOR NEW ELEVATOR AND DEMOLISH EXISTING SLAB WITHIN FOOTPRINT. REFER TO STRUCTURAL DRAWINGS.                                              |
| SR11 | EXISTING WINDOWS TO BE REMOVED AT WINDOW WELLS.                                                                                                        |
| SR12 | REMOVE EXISTING ELEVATOR. REMOVE EXISTING SHAFT WALLS.                                                                                                 |
| SR13 | DORMER END WALLS TO REMAIN, DEMO KNEE WALLS BETWEEN DORMERS, TYPICAL ALL DORMERS U.N.O.                                                                |
| SR14 | REMOVE EXISTING WALL MOUNTED HANDRAIL AND ASSOCIATED MOUNTING HARDWARE AT ALL RUNS, INTERMEDIATE LANDINGS, AND LEVEL LANDINGS.                         |

1 3RD FLOOR DEMOLITION - B  
 D1.13B Scale: 1/8" = 1'-0"

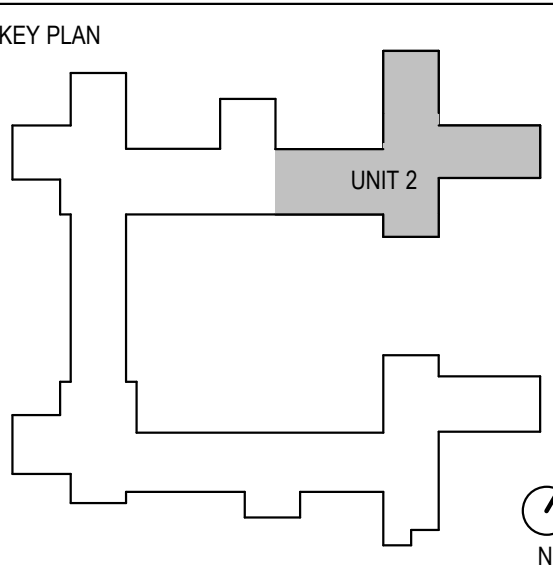


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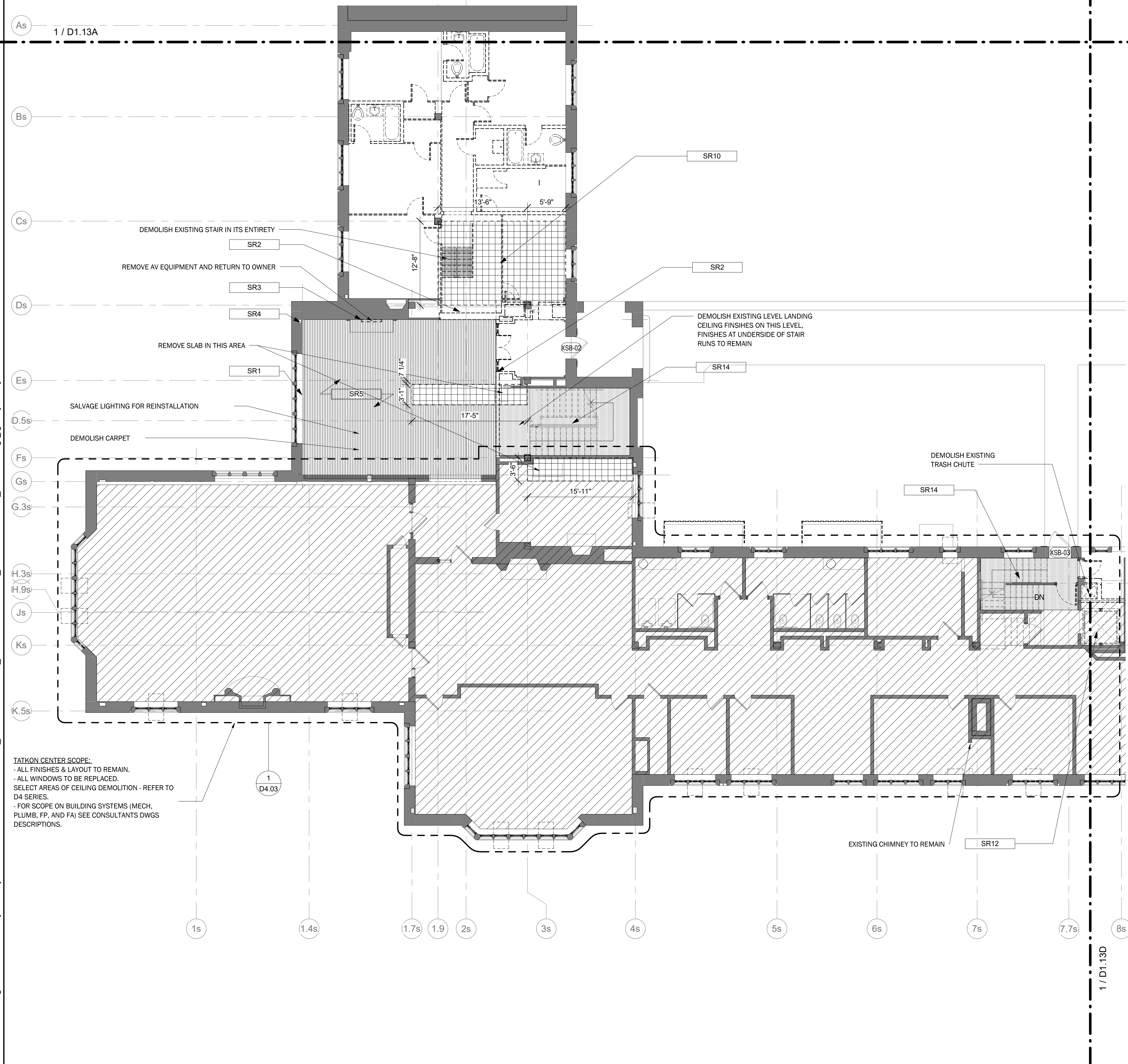
ISSUE  
**ENLARGED THIRD FLOOR DEMO PLAN - B**

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 GOODY CLANCY PROJECT NUMBER: 07400

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TATKON CENTER SCOPE:  
- ALL FINISHES & LAYOUT TO REMAIN.  
- ALL WINDOWS TO BE REPLACED.  
- SELECT AREAS OF CEILING DEMOLITION - REFER TO D4 SERIES.  
- FOR SCOPE ON BUILDING SYSTEMS (MECH, PLUMB, FP, AND FA) SEE CONSULTANTS DWGS DESCRIPTIONS.

**OWNER SALVAGE SCHEDULE**  
CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.  
**ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**  
• FIRE ALARM PANELS - WITHIN EACH UNIT AND MAIN PANELS  
• FIRE ALARM HORN STROBES  
• FIRE EXTINGUISHERS  
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• ALL WAP DEVICES  
• AV EQUIPMENT  
**ITEMS TO BE SALVAGED FOR REUSE IN BALCH:**  
• BEDROOM ENTRY DOOR PANELS  
• PRESERVE ORIGINAL PAINTED DOOR NUMBERS  
• SALVAGE DOORS FROM ROOM 2517 AND 2269  
• SALVAGE 71 SOLID DOORS AND 20 MIRROR DOORS  
• SELECT LIGHTING FIXTURES - TO BE IDENTIFIED  
• RESIDENT MAILBOXES

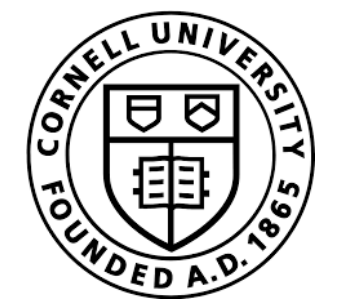
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1 3RD FLOOR DEMOLITION - C  
D1.13C Scale: 1/8" = 1'-0"



# BALCH HALL RENOVATION

## Cornell University

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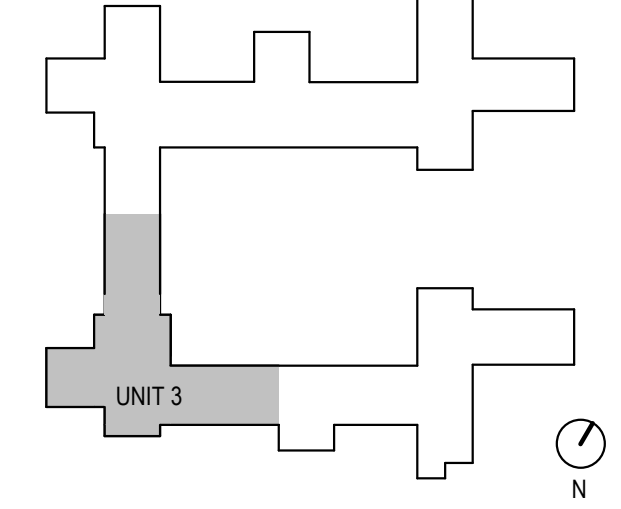
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KEY PLAN



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### ENLARGED THIRD FLOOR DEMO PLAN - C

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GOODY CLANCY PROJECT NUMBER: 07400

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**OWNER SALVAGE SCHEDULE**

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**DEFINITIONS**

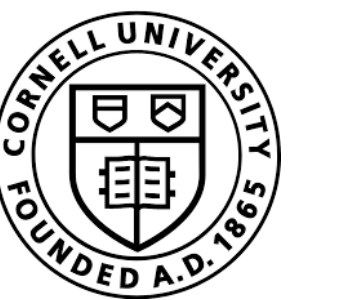
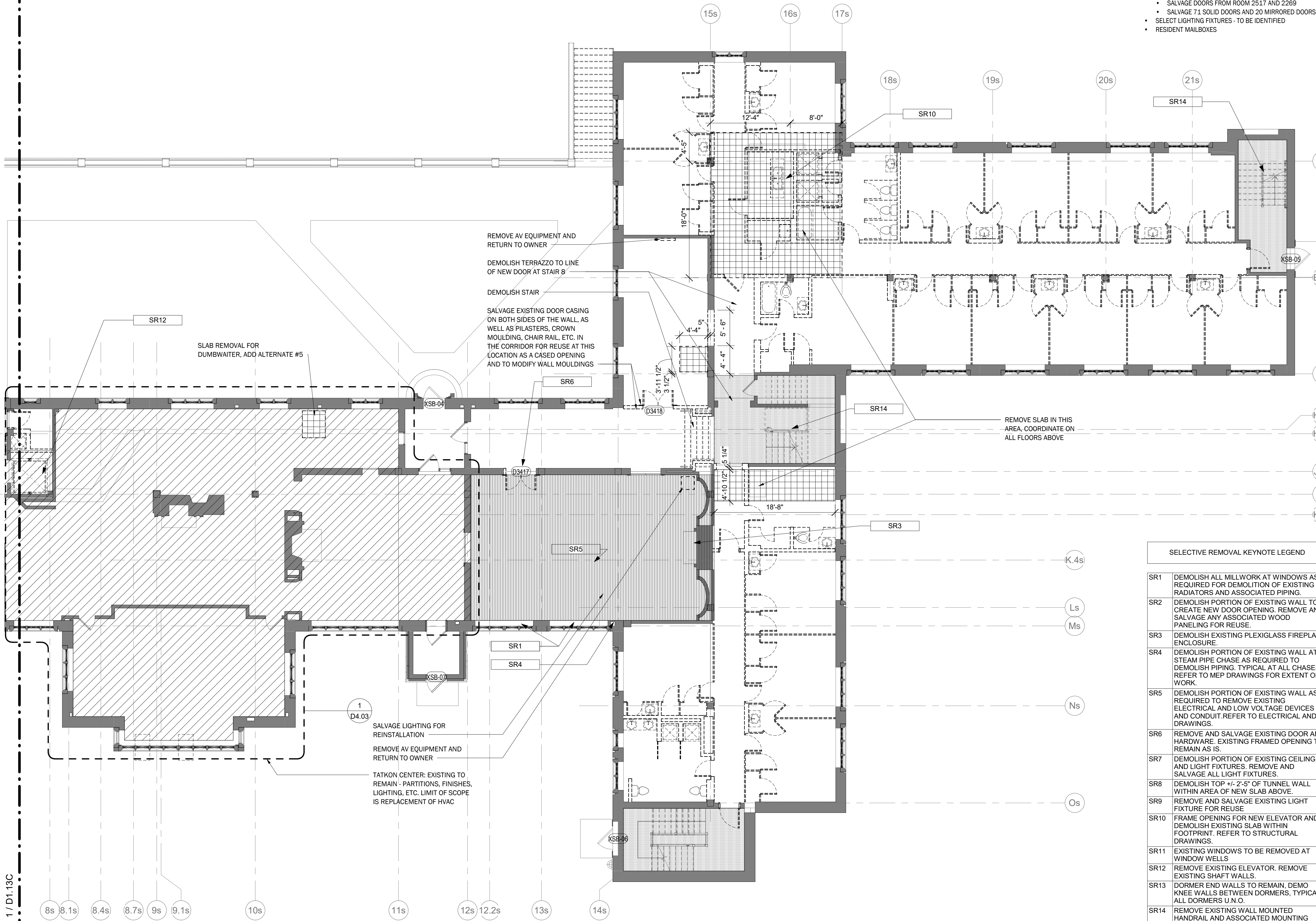
- DEMOLISH:** REMOVE EXISTING ELEMENT(S) AND DISCARD; ELEMENT IS NOT TO REMAIN AS PART OF THE COMPLETED WORK; SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING MATERIALS WASTE HANDLING AND RECYCLING.
- REMOVE:** ELEMENT WILL NOT REMAIN AS PART OF THE COMPLETED WORK; SALVAGE AS A COMPLETE BUILDING ELEMENT INTENDED FOR RECYCLING/REUSE AS DIRECTED BY OWNER.
- SALVAGE:** CAREFULLY REMOVE EXISTING ELEMENT(S) OR ASSEMBLY WITHOUT DAMAGE; ELEMENT IS TO REMAIN AS PART OF THE COMPLETED WORK AND MUST BE REINSTALLED. CONTRACTOR TO TAG AND LABEL SALVAGED ELEMENTS TO ENSURE REINSTALLATION IN ORIGINAL LOCATION.

**DEMOLITION LEGEND**

- ▨ SLAB REMOVAL, SEE STRUCTURAL
- ▨ PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
- ▨ PROTECT ALL EXISTING STAIR ELEMENTS AND FINISHES, UNO.
- ▨ EXISTING INACCESSIBLE AREA
- ▨ AREA TO BE EXCAVATED
- ▨ CEILING AREA TO BE DEMOLISHED
- ▨ ATTIC SPACE, NO SLAB
- ▨ LIMITED DEMOLITION SCOPE IN TATKON CENTER (REFER TO D4.03 AND D4.04) AND RHD APARTMENT (REFER TO D4.05)
- ▨ EXISTING WALL TO REMAIN
- ▨ EXISTING WALL TO BE REMOVED
- ▨ CREATE OPENING IN EXISTING WALL
- ▨ EXISTING DOOR AND FRAME TO BE REMOVED
- ▨ EXISTING DOOR TO BE REMOVED, PROTECT FRAME TO REMAIN
- ▨ EXISTING DOOR TO REMAIN, PROTECT; MODIFY HARDWARE AS SCHEDULED
- ▨ EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

| SELECTIVE REMOVAL KEYNOTE LEGEND |                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
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1 3RD FLOOR DEMOLITION - D  
D1.13D Scale: 1/8" = 1'-0"



**BALCH HALL RENOVATION**

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Ithaca, New York 14853

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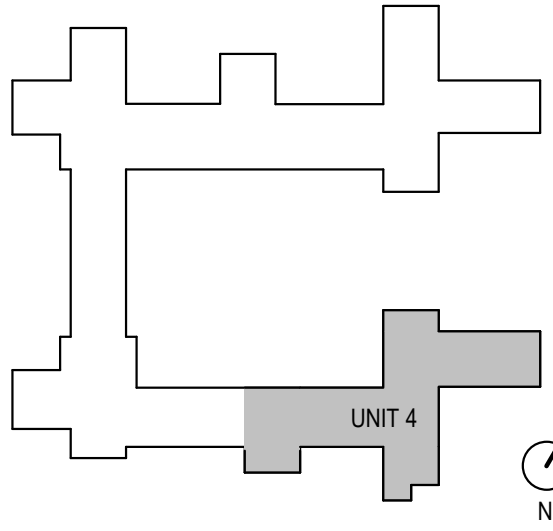
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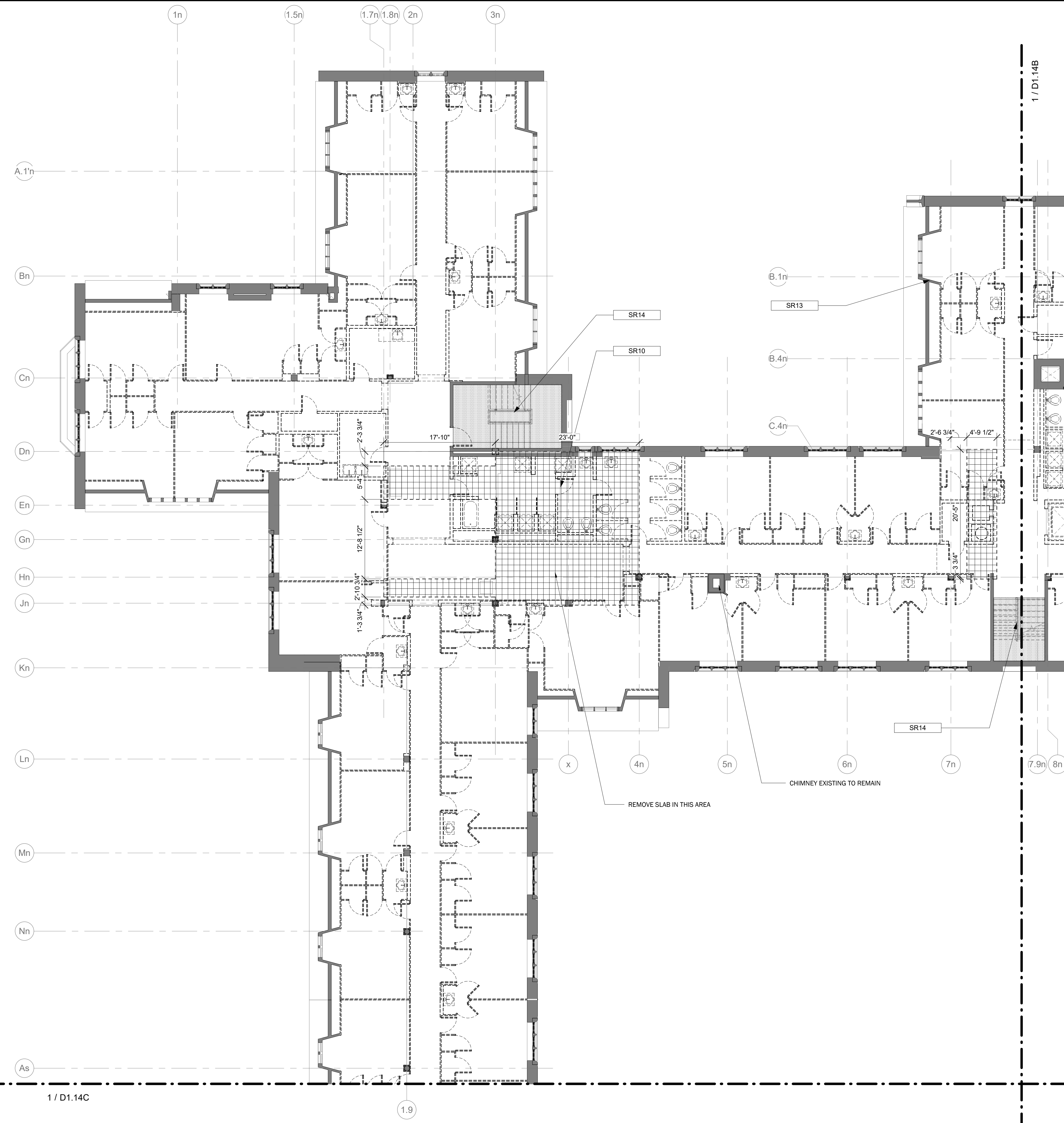
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- NOTIFY ARCHITECT IF ADDITIONAL CUTTING AND PATCHING IS REQUIRED TO ACCESS ITEMS INDICATED FOR DEMOLITION OR INSTALLATION OF NEW SYSTEMS.
- SALVAGE ALL HISTORIC LIGHT FIXTURES AND OTHER HISTORIC ITEMS AS SHOWN.
- SEE EXTERIOR ELEVATIONS FOR WINDOW REMOVAL AND REPLACEMENT INFORMATION.
- REFER TO D1.07 AND D1.17 SERIES FOR DEMOLITION SCOPE AT ROOF.
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**SELECTIVE REMOVAL KEYNOTE LEGEND**

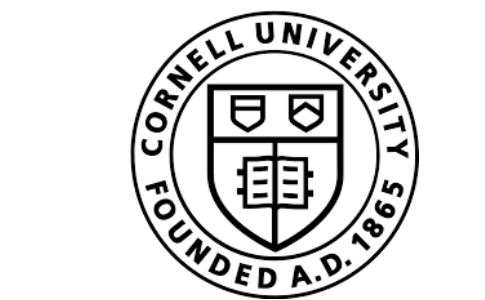
|      |                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR1  | DEMOLISH ALL MILLWORK AT WINDOWS AS REQUIRED FOR DEMOLITION OF EXISTING RADIATORS AND ASSOCIATED PIPING.                                               |
| SR2  | DEMOLISH PORTION OF EXISTING WALL TO CREATE NEW DOOR OPENING. REMOVE AND SALVAGE ANY ASSOCIATED WOOD PANELING FOR REUSE.                               |
| SR3  | DEMOLISH EXISTING FLEXIGLASS FIREPLACE ENCLOSURE.                                                                                                      |
| SR4  | DEMOLISH PORTION OF EXISTING WALL AT STEAM PIPE CHASE AS REQUIRED TO DEMOLISH PIPING. TYPICAL AT ALL CHASES. REFER TO MEP DRAWINGS FOR EXTENT OF WORK. |
| SR5  | DEMOLISH PORTION OF EXISTING WALL AS REQUIRED TO REMOVE EXISTING ELECTRICAL AND LOW VOLTAGE DEVICES AND CONDUIT. REFER TO ELECTRICAL AND IT DRAWINGS.  |
| SR6  | REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. EXISTING FRAMED OPENING TO REMAIN AS IS.                                                                |
| SR7  | DEMOLISH PORTION OF EXISTING CEILING AND LIGHT FIXTURES. REMOVE AND SALVAGE ALL LIGHT FIXTURES.                                                        |
| SR8  | DEMOLISH TOP +/- 2'-5" OF TUNNEL WALL WITHIN AREA OF NEW SLAB ABOVE.                                                                                   |
| SR9  | REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE.                                                                                                   |
| SR10 | FRAME OPENING FOR NEW ELEVATOR AND DEMOLISH EXISTING SLAB WITHIN FOOTPRINT. REFER TO STRUCTURAL DRAWINGS.                                              |
| SR11 | EXISTING WINDOWS TO BE REMOVED AT WINDOW WELLS.                                                                                                        |
| SR12 | REMOVE EXISTING ELEVATOR. REMOVE EXISTING SHAFT WALLS.                                                                                                 |
| SR13 | DORMER END WALLS TO REMAIN. DEMO KNEE WALLS BETWEEN DORMERS, TYPICAL ALL DORMERS U.N.O.                                                                |
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**DEFINITIONS**

- DEMOLISH:** REMOVE EXISTING ELEMENT(S) AND DISCARD; ELEMENT IS NOT TO REMAIN AS PART OF THE COMPLETED WORK; SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING MATERIALS WASTE HANDLING AND RECYCLING.
- REMOVE:** ELEMENT WILL NOT REMAIN AS PART OF THE COMPLETED WORK; SALVAGE AS A COMPLETE BUILDING ELEMENT INTENDED FOR RECYCLING/REUSE AS DIRECTED BY OWNER.
- SALVAGE:** CAREFULLY REMOVE EXISTING ELEMENT(S) OR ASSEMBLY WITHOUT DAMAGE; ELEMENT IS TO REMAIN AS PART OF THE COMPLETED WORK AND MUST BE REINSTALLED. CONTRACTOR TO TAG AND LABEL SALVAGED ELEMENTS TO ENSURE REINSTALLATION IN ORIGINAL LOCATION.

**DEMOLITION LEGEND**

- SLAB REMOVAL. SEE STRUCTURAL
- PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
- PROTECT ALL EXISTING STAIR ELEMENTS AND FINISHES, UNO.
- EXISTING INACCESSIBLE AREA
- AREA TO BE EXCAVATED
- CEILING AREA TO BE DEMOLISHED
- ATTIC SPACE, NO SLAB
- LIMITED DEMOLITION SCOPE IN TATKON CENTER (REFER TO D4.03 AND D4.04) and RHD APARTMENT. (REFER TO D4.05)
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- CREATE OPENING IN EXISTING WALL
- EXISTING DOOR AND FRAME TO BE REMOVED
- EXISTING DOOR TO BE REMOVED, PROTECT FRAME TO REMAIN
- EXISTING DOOR TO REMAIN, PROTECT; MODIFY HARDWARE AS SCHEDULED
- EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.



**BALCH HALL RENOVATION**

Cornell University

600 Thurston Avenue  
Ithaca, New York 14853

**GOODYCLANCY**

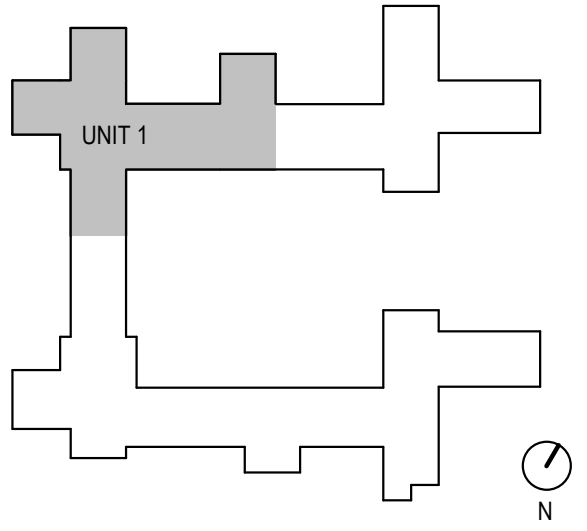
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p: 617.262.2760 f: 617.262.9512  
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KEY PLAN



**Construction Documents**

ISSUED: 11/5/2021

**ENLARGED FOURTH FLOOR DEMO PLAN - A**

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GOODY CLANCY PROJECT NUMBER: 07400

DRAWN: Author DATE: 11/5/2021  
CHECKED: Checker SCALE: As indicated  
DRAWING NO.:

**D1.14A**

1 4TH FLOOR DEMOLITION - A  
D1.14A Scale: 1/8" = 1'-0"



**OWNER SALVAGE SCHEDULE**

CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.

- ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**
- FIRE ALARM PANELS - WITHIN EACH UNIT AND MAIN PANELS
  - FIRE ALARM HORN STROBES
  - FIRE EXTINGUISHERS
  - SELECT FURNITURE - CORNELL TO IDENTIFY
  - ALL WAP DEVICES
  - AV EQUIPMENT

- ITEMS TO BE SALVAGED FOR REUSE IN BALCH:**
- BEDROOM ENTRY DOOR PANELS
  - PRESERVE ORIGINAL PAINTED DOOR NUMBERS
  - SALVAGE DOORS FROM ROOM 2517 AND 2269
  - SALVAGE 71 SOLID DOORS AND 20 MIRROR DOORS
  - SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
  - RESIDENT MAILBOXES

**DEMOLITION GENERAL NOTES**

1. GENERAL CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, BOTH PRIOR TO DEMOLITION AND UPON COMPLETION OF DEMOLITION, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. PROTECT THE EXISTING BUILDING ELEMENTS SCHEDULED TO REMAIN. REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 02 "SELECTIVE DEMOLITION" FOR ADDITIONAL PROTECTION REQUIREMENTS. THE CONSTRUCTION MANAGER IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO EXISTING MATERIALS DURING DEMOLITION OR CONSTRUCTION TO MATCH ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER. SUCH REPAIR AND REPLACEMENT BEING ADDITIONAL IS SUBJECT TO ARCHITECT'S APPROVAL AND THE CONSTRUCTION MANAGER'S WRITTEN PROPOSAL FOR SUCH WORK.
3. REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 01 SECTION "CONSTRUCTION WASTE MANAGEMENT" FOR REQUIREMENTS AFFECTING SORTING, SEPARATION, DISPOSAL, OR RECYCLING OF DEMOLISHED MATERIALS.
4. REMOVE ALL FINISHES, CEILINGS, LIGHTING, MEP/FP SYSTEMS, PARTITIONS, SIGNAGE, AND ASSOCIATED ACCESSORIES IN ALL AREAS EXCEPT AS NOTED AND IN HISTORIC LOUNGES AND STAIRS AS SHOWN. REFER TO SELECTIVE DEMOLITION KEYNOTES ON ENLARGED DEMO PLANS FOR SCOPE OF DEMOLITION, REMOVAL, AND SALVAGE SCOPE IN THESE AREAS.
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9. SEE EXTERIOR ELEVATIONS FOR WINDOW REMOVAL AND REPLACEMENT INFORMATION.
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15. FOR INTERIOR TERRACOTTA PARTITION WALLS THAT ARE TO BE DEMOLISHED, GO TO LOCALLY EXPOSE UNDERSIDE OF SLAB ABOVE AT TOP OF PARTITION WALL FOR OBSERVATION BY DESIGN TEAM BEFORE WALL IS DEMOLISHED.
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**SELECTIVE REMOVAL KEYNOTE LEGEND**

|      |                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
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| SR9  | REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE.                                                                                                   |
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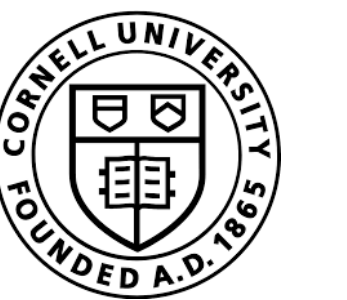
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**DEMOLITION LEGEND**

|           |                                                                                                         |
|-----------|---------------------------------------------------------------------------------------------------------|
| [Pattern] | SLAB REMOVAL, SEE STRUCTURAL                                                                            |
| [Pattern] | PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION                         |
| [Pattern] | PROTECT ALL EXISTING STAIR ELEMENTS AND FINISHES, UNO.                                                  |
| [Pattern] | EXISTING INACCESSIBLE AREA                                                                              |
| [Pattern] | AREA TO BE EXCAVATED                                                                                    |
| [Pattern] | CEILING AREA TO BE DEMOLISHED                                                                           |
| [Pattern] | ATTIC SPACE, NO SLAB                                                                                    |
| [Pattern] | LIMITED DEMOLITION SCOPE IN TATKON CENTER (REFER TO D4.03 AND D4.04) AND RHD APARTMENT (REFER TO D4.05) |
| [Pattern] | EXISTING WALL TO REMAIN                                                                                 |
| [Pattern] | EXISTING WALL TO BE REMOVED                                                                             |
| [Pattern] | CREATE OPENING IN EXISTING WALL                                                                         |
| [Pattern] | EXISTING DOOR AND FRAME TO BE REMOVED                                                                   |
| [Pattern] | EXISTING DOOR TO BE REMOVED, PROTECT FRAME TO REMAIN                                                    |
| [Pattern] | EXISTING DOOR TO REMAIN, PROTECT; MODIFY HARDWARE AS SCHEDULED                                          |
| [Pattern] | EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.                 |

1 4TH FLOOR DEMOLITION - B  
D1.14B Scale: 1/8" = 1'-0"



**BALCH HALL RENOVATION**

Cornell University

600 Thurston Avenue  
Ithaca, New York 14853

**GOODYCLANCY**

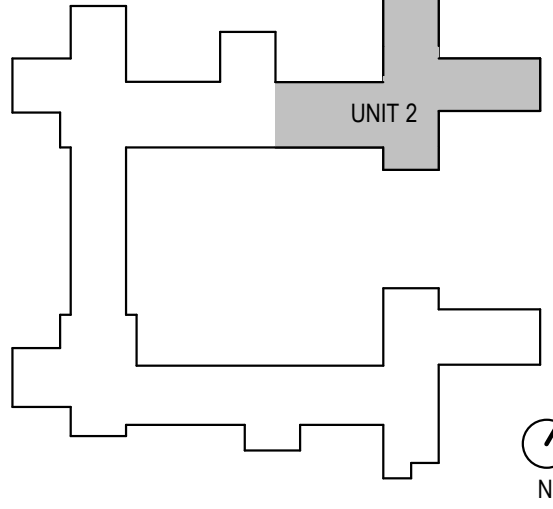
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KEY PLAN



**Construction Documents**

ISSUED: 11/5/2021

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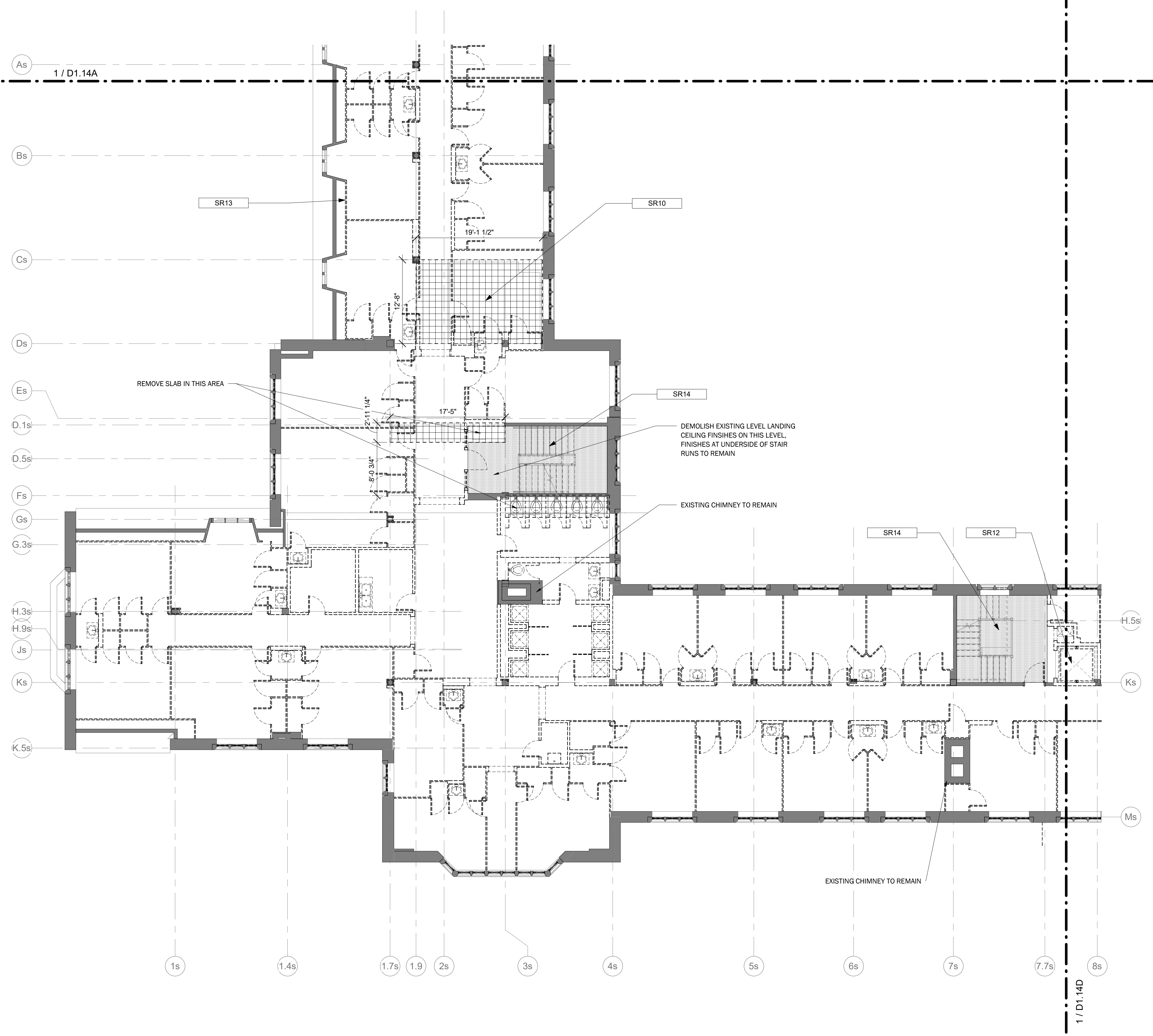
**ENLARGED FOURTH FLOOR DEMO PLAN - B**

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GOODY CLANCY PROJECT NUMBER: 07400

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**D1.14B**

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**OWNER SALVAGE SCHEDULE**

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**ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**

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- FIRE ALARM HORN STROBES
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- SELECT FURNITURE - CORNELL TO IDENTIFY
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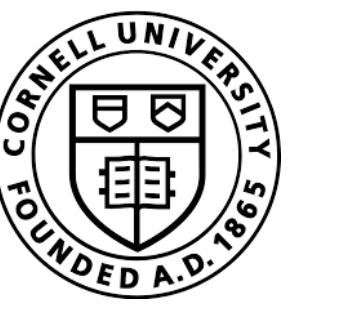
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- **DEMOLISH:** REMOVE EXISTING ELEMENT(S) AND DISCARD; ELEMENT IS NOT TO REMAIN AS PART OF THE COMPLETED WORK. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING MATERIALS WASTE HANDLING AND RECYCLING.
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- **SALVAGE:** CAREFULLY REMOVE EXISTING ELEMENT(S) OR ASSEMBLY WITHOUT DAMAGE. ELEMENT IS TO REMAIN AS PART OF THE COMPLETED WORK AND MUST BE REINSTALLED. CONTRACTOR TO TAG AND LABEL SALVAGED ELEMENTS TO ENSURE REINSTALLATION IN ORIGINAL LOCATION.

**DEMOLITION LEGEND**

- SLAB REMOVAL. SEE STRUCTURAL
- PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
- PROTECT ALL EXISTING STAIR ELEMENTS AND FINISHES, UNO.
- EXISTING INACCESSIBLE AREA
- AREA TO BE EXCAVATED
- CEILING AREA TO BE DEMOLISHED
- ATTIC SPACE, NO SLAB
- LIMITED DEMOLITION SCOPE IN TATKON CENTER (REFER TO D4.03 AND D4.04) AND RHD APARTMENT (REFER TO D4.05)
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- CREATE OPENING IN EXISTING WALL
- EXISTING DOOR AND FRAME TO BE REMOVED
- EXISTING DOOR TO BE REMOVED. PROTECT FRAME TO REMAIN
- EXISTING DOOR TO REMAIN. PROTECT; MODIFY HARDWARE AS SCHEDULED
- EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

1 4TH FLOOR DEMOLITION - C  
D1.14C Scale: 1/8" = 1'-0"

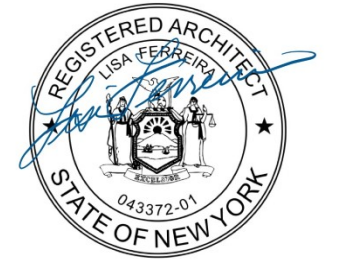


**BALCH HALL RENOVATION**  
Cornell University  
600 Thurston Avenue  
Ithaca, New York 14853

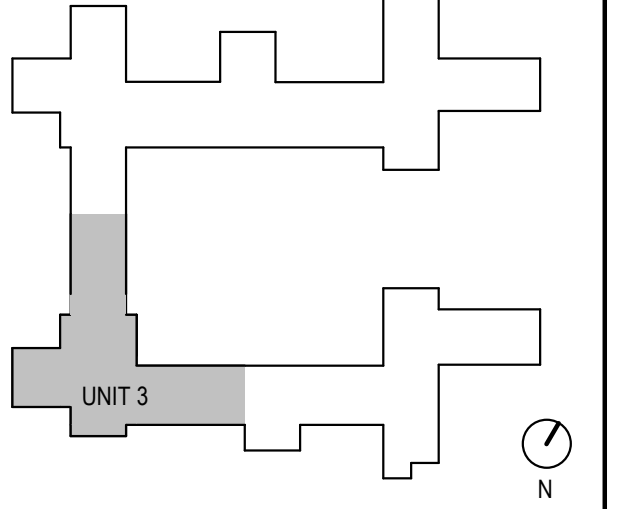
**GOODYCLANCY**  
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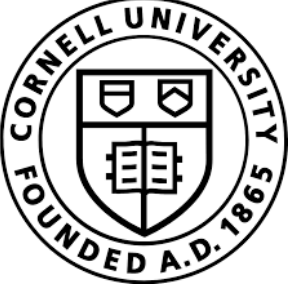
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ISSUE  
**ENLARGED FOURTH FLOOR DEMO PLAN - C**

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GOODY CLANCY PROJECT NUMBER: 07400

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# BALCH HALL RENOVATION

## Cornell University

600 Thurston Avenue  
Ithaca, New York 14853

**GOODYCLANCY**  
ARCHITECTURE / PLANNING / PRESERVATION

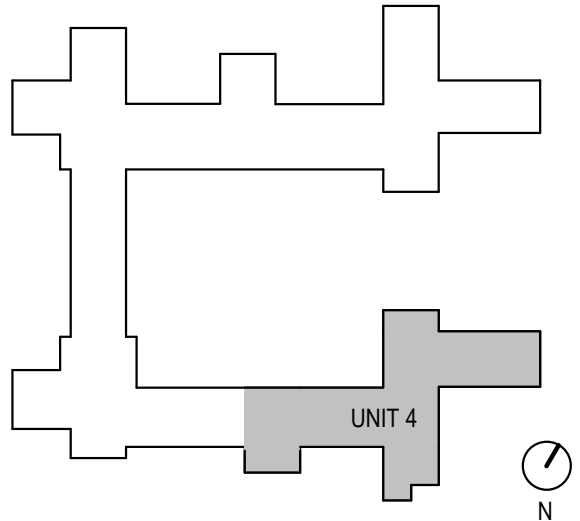
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### ENLARGED FOURTH FLOOR DEMO PLAN - D

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# D1.14D

### OWNER SALVAGE SCHEDULE

CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS.  
CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.

- ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**
- FIRE ALARM PANELS - WITHIN EACH UNIT AND MAIN PANELS
  - FIRE ALARM HORN STROBES
  - FIRE EXTINGUISHERS
  - SELECT FURNITURE - CORNELL TO IDENTIFY
  - ALL WAP DEVICES
  - AV EQUIPMENT

- ITEMS TO BE SALVAGED FOR REUSE IN BALCH:**
- BEDROOM ENTRY DOOR PANELS
  - PRESERVE ORIGINAL PAINTED DOOR NUMBERS
  - SALVAGE DOORS FROM ROOM 2517 AND 2269
  - SALVAGE 71 SOLID DOORS AND 20 MIRRORED DOORS
  - SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
  - RESIDENT MAILBOXES

### DEMOLITION GENERAL NOTES

- GENERAL CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, BOTH PRIOR TO DEMOLITION AND UPON COMPLETION OF DEMOLITION, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- PROTECT THE EXISTING BUILDING ELEMENTS SCHEDULED TO REMAIN. REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 02 "SELECTIVE DEMOLITION" FOR ADDITIONAL PROTECTION REQUIREMENTS. THE CONSTRUCTION MANAGER IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO EXISTING MATERIALS DURING DEMOLITION OR CONSTRUCTION TO MATCH ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER. SUCH REPAIR AND REPLACEMENT BEING ADDITIONAL IS SUBJECT TO ARCHITECT'S APPROVAL AND THE CONSTRUCTION MANAGER'S WRITTEN PROPOSAL FOR SUCH WORK.
- REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 01 SECTION "CONSTRUCTION WASTE MANAGEMENT" FOR REQUIREMENTS AFFECTING SORTING, SEPARATION, DISPOSAL, OR RECYCLING OF DEMOLISHED MATERIALS.
- REMOVE ALL FINISHES, CEILINGS, LIGHTING, MEP/FP SYSTEMS, PARTITIONS, SIGNAGE, AND ASSOCIATED ACCESSORIES IN ALL AREAS EXCEPT AS NOTED AND IN HISTORIC LOUNGES AND STAIRS AS SHOWN. REFER TO SELECTIVE REMOVAL KEYNOTES ON ENLARGED DEMO PLANS FOR SCOPE OF DEMOLITION, REMOVAL, AND SALVAGE SCOPE IN THESE AREAS.
- REFER TO MEP & FP DRAWINGS FOR EXTENT AND LOCATION OF EXISTING SERVICES DEMOLITION. CUT AND PATCH FINISHES AS REQUIRED FOR ACCESS.
- EXISTING STRUCTURE AND CHIMNEYS TO REMAIN UNO. PROTECT. DEMOLITION PLANS INDICATE EXTENT OF FLOOR DEMOLITION. LOCAL EXTENTS OF SLAB DEMOLITION TO BE CONFIRMED IN THE FIELD. DIMENSIONS SHOWN ARE MIN. OPENING SIZES. OPENING MAY NEED TO BE ENLARGED DEPENDING ON LOCATION OF EXISTING CONCRETE RISBS. SEE STRUCTURAL TYPICAL DETAIL FOR OVERCUT AND INFILL IN THESE AREAS.
- NOTIFY ARCHITECT IF ADDITIONAL CUTTING AND PATCHING IS REQUIRED TO ACCESS ITEMS INDICATED FOR DEMOLITION OR INSTALLATION OF NEW SYSTEMS.
- SALVAGE ALL HISTORIC LIGHT FIXTURES AND OTHER HISTORIC ITEMS AS SHOWN.
- SEE EXTERIOR ELEVATIONS FOR WINDOW REMOVAL AND REPLACEMENT INFORMATION.
- REFER TO D1.07 AND D1.17 SERIES FOR DEMOLITION SCOPE AT ROOF.
- SEE LANDSCAPE AND CIVIL DRAWINGS FOR EXTENT OF COURTYARD AND EXTERIOR LANDSCAPE DEMOLITION.
- ALL UNUSED FLOOR AND WALL OPENINGS, WHETHER NEW OR EXISTING, SHALL BE INFILLED. ALL FLOOR OPENINGS MUST MEET FIRE RATINGS INDICATED ON LIFE SAFETY DRAWINGS. WALL OPENINGS, WHEN OCCURRING IN RATED WALLS INDICATED ON THE LIFE SAFETY DRAWINGS, MUST MEET RATING REQUIREMENTS.
- REFER TO SALVAGE SCHEDULE FOR ADDITIONAL ELEMENTS TO BE SALVAGED FOR REINSTALLATION OR TO TURNED OVER TO THE OWNER.
- EXISTING PLASTER/GYPSUM/STUD INTERIOR PARTITION WALLS ARE NOT STRUCTURAL IN THE EXISTING BUILDING. SLABS TO BE INFILLED AS REQUIRED AFTER THE REMOVAL OF THE PLASTER AND LATH PARTITIONS.
- FOR INTERIOR TERRACOTTA PARTITION WALLS THAT ARE TO BE DEMOLISHED, GC TO LOCALLY EXPOSE UNDERSIDE OF SLAB ABOVE AT TOP OF PARTITION WALL FOR OBSERVATION BY DESIGN TEAM BEFORE WALL IS DEMOLISHED.
- DEMOLITION OF EXISTING FLOOR FINISH ASSEMBLIES (INCLUDING BUT NOT LIMITED TO TILE, CARPET, RESILIENT FLOORING) SHOULD INCLUDE THE SETTING BED/FLOOR LEVELING COMPOUNDS AND BE REMOVED DOWN TO STRUCTURAL SLAB.

### DEFINITIONS

- DEMOLISH:** REMOVE EXISTING ELEMENT(S) AND DISCARD; ELEMENT IS NOT TO REMAIN AS PART OF THE COMPLETED WORK; SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING MATERIALS WASTE HANDLING AND RECYCLING.
- REMOVE:** ELEMENT WILL NOT REMAIN AS PART OF THE COMPLETED WORK; SALVAGE AS A COMPLETE BUILDING ELEMENT INTENDED FOR RECYCLING/REUSE AS DIRECTED BY OWNER.
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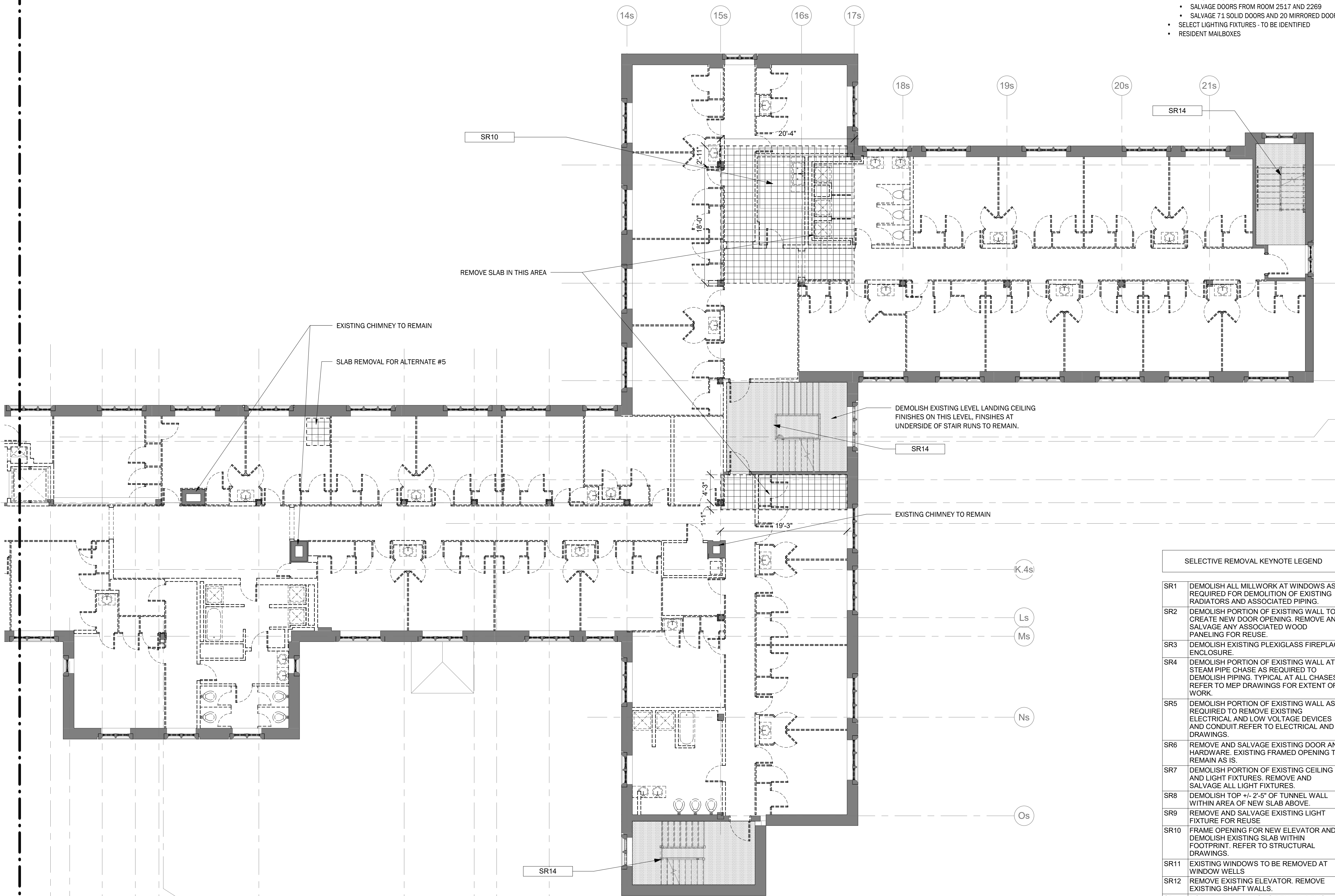
### DEMOLITION LEGEND

- SLAB REMOVAL. SEE STRUCTURAL
- PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
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- EXISTING DOOR TO BE REMOVED, PROTECT FRAME TO REMAIN
- EXISTING DOOR TO REMAIN, PROTECT; MODIFY HARDWARE AS SCHEDULED
- EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

### SELECTIVE REMOVAL KEYNOTE LEGEND

|      |                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR1  | DEMOLISH ALL MILLWORK AT WINDOWS AS REQUIRED FOR DEMOLITION OF EXISTING RADIATORS AND ASSOCIATED PIPING.                                               |
| SR2  | DEMOLISH PORTION OF EXISTING WALL TO CREATE NEW DOOR OPENING. REMOVE AND SALVAGE ANY ASSOCIATED WOOD PANELING FOR REUSE.                               |
| SR3  | DEMOLISH EXISTING PLEXIGLASS FIREPLACE ENCLOSURE.                                                                                                      |
| SR4  | DEMOLISH PORTION OF EXISTING WALL AT STEAM PIPE CHASE AS REQUIRED TO DEMOLISH PIPING. TYPICAL AT ALL CHASES. REFER TO MEP DRAWINGS FOR EXTENT OF WORK. |
| SR5  | DEMOLISH PORTION OF EXISTING WALL AS REQUIRED TO REMOVE EXISTING ELECTRICAL AND LOW VOLTAGE DEVICES AND CONDUIT. REFER TO ELECTRICAL AND IT DRAWINGS.  |
| SR6  | REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. EXISTING FRAMED OPENING TO REMAIN AS IS.                                                                |
| SR7  | DEMOLISH PORTION OF EXISTING CEILING AND LIGHT FIXTURES. REMOVE AND SALVAGE ALL LIGHT FIXTURES.                                                        |
| SR8  | DEMOLISH TOP +/- 2'-5" OF TUNNEL WALL WITHIN AREA OF NEW SLAB ABOVE.                                                                                   |
| SR9  | REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE                                                                                                    |
| SR10 | FRAME OPENING FOR NEW ELEVATOR AND DEMOLISH EXISTING SLAB WITHIN FOOTPRINT. REFER TO STRUCTURAL DRAWINGS.                                              |
| SR11 | EXISTING WINDOWS TO BE REMOVED AT WINDOW WELLS                                                                                                         |
| SR12 | REMOVE EXISTING ELEVATOR. REMOVE EXISTING SHAFT WALLS.                                                                                                 |
| SR13 | DORMER END WALLS TO REMAIN. DEMO KNEE WALLS BETWEEN DORMERS. TYPICAL ALL DORMERS U.N.O.                                                                |
| SR14 | REMOVE EXISTING WALL MOUNTED HANDRAIL AND ASSOCIATED MOUNTING HARDWARE AT ALL RUNS, INTERMEDIATE LANDINGS, AND LEVEL LANDINGS.                         |

1 / D1.14B

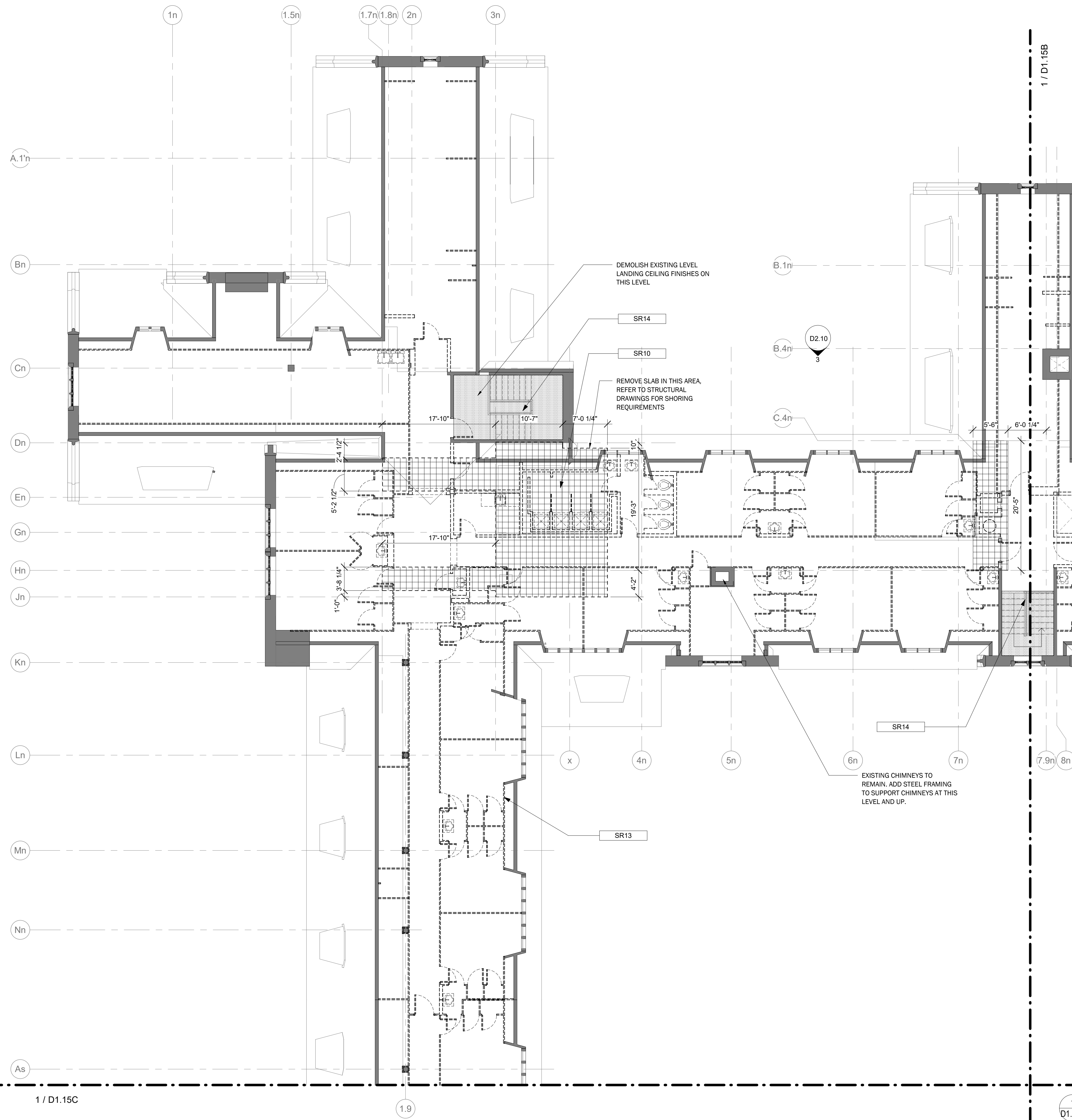


1 / D1.13C

1 4TH FLOOR DEMOLITION - D  
D1.14D Scale: 1/8" = 1'-0"



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**OWNER SALVAGE SCHEDULE**

CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.

**ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**

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- FIRE EXTINGUISHERS
- SELECT FURNITURE - CORNELL TO IDENTIFY
- ALL WAP DEVICES
- AV EQUIPMENT

**ITEMS TO BE SALVAGED FOR REUSE IN BALCH:**

- BEDROOM ENTRY DOOR PANELS
- PRESERVE ORIGINAL PAINTED DOOR NUMBERS
- SALVAGE DOORS FROM ROOM 25.17 AND 2269
- SALVAGE 7.1 SOLID DOORS AND 20 MIRROR DOORS
- SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
- RESIDENT MAILBOXES

**DEMOLITION GENERAL NOTES**

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- NOTIFY ARCHITECT IF ADDITIONAL CUTTING AND PATCHING IS REQUIRED TO ACCESS ITEMS INDICATED FOR DEMOLITION OR INSTALLATION OF NEW SYSTEMS.
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- FOR INTERIOR TERRAZZOTA PARTITION WALLS THAT ARE TO BE DEMOLISHED, GO TO LOCALLY EXPOSE UNDERSIDE OF SLAB ABOVE AT TOP OF PARTITION WALL FOR OBSERVATION BY DESIGN TEAM BEFORE WALL IS DEMOLISHED.
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**SELECTIVE REMOVAL KEYNOTE LEGEND**

|      |                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
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| SR5  | DEMOLISH PORTION OF EXISTING WALL AS REQUIRED TO REMOVE EXISTING ELECTRICAL AND LOW VOLTAGE DEVICES AND CONDUIT. REFER TO ELECTRICAL AND IT DRAWINGS.  |
| SR6  | REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. EXISTING FRAMED OPENING TO REMAIN AS IS.                                                                |
| SR7  | DEMOLISH PORTION OF EXISTING CEILING AND LIGHT FIXTURES. REMOVE AND SALVAGE ALL LIGHT FIXTURES.                                                        |
| SR8  | DEMOLISH TOP +/- 2'-5" OF TUNNEL WALL WITHIN AREA OF NEW SLAB ABOVE. REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE.                              |
| SR9  | REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE.                                                                                                   |
| SR10 | FRAME OPENING FOR NEW ELEVATOR AND DEMOLISH EXISTING SLAB WITHIN FOOTPRINT. REFER TO STRUCTURAL DRAWINGS.                                              |
| SR11 | EXISTING WINDOWS TO BE REMOVED AT WINDOW WELLS.                                                                                                        |
| SR12 | REMOVE EXISTING ELEVATOR. REMOVE EXISTING SHAFT WALLS.                                                                                                 |
| SR13 | DORMER END WALLS TO REMAIN. DEMO KNEE WALLS BETWEEN DORMERS, TYPICAL ALL DORMERS U.N.O.                                                                |
| SR14 | REMOVE EXISTING WALL MOUNTED HANDRAIL AND ASSOCIATED MOUNTING HARDWARE AT ALL RUNS. INTERMEDIATE LANDINGS, AND LEVEL LANDINGS.                         |

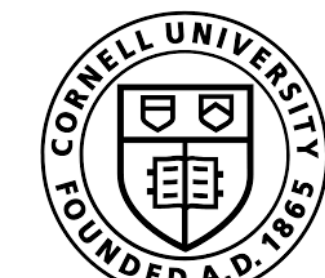
**DEFINITIONS**

- DEMOLISH:** REMOVE EXISTING ELEMENT(S) AND DISCARD; ELEMENT IS NOT TO REMAIN AS PART OF THE COMPLETED WORK; SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING MATERIALS WASTE HANDLING AND RECYCLING.
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**DEMOLITION LEGEND**

- SLAB REMOVAL. SEE STRUCTURAL
- PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
- PROTECT ALL EXISTING STAIR ELEMENTS AND FINISHES, UNO.
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- EXISTING DOOR TO BE REMOVED, PROTECT FRAME TO REMAIN
- EXISTING DOOR TO REMAIN, PROTECT; MODIFY HARDWARE AS SCHEDULED
- EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

1 5TH FLOOR DEMOLITION - A  
D1.15A Scale: 1/8" = 1'-0"



**BALCH HALL RENOVATION**

**Cornell University**

600 Thurston Avenue  
Ithaca, New York 14853

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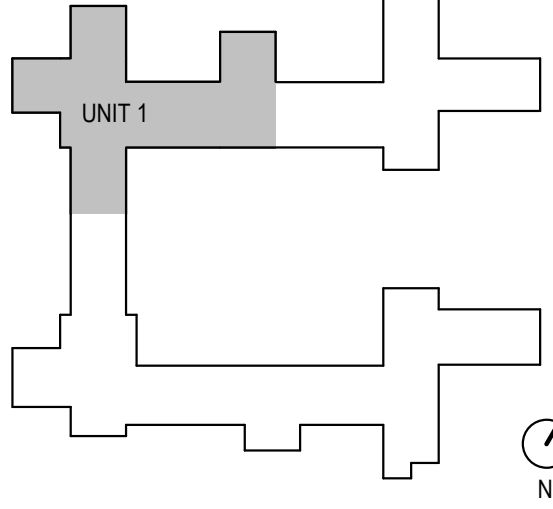
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KEY PLAN



**Construction Documents**

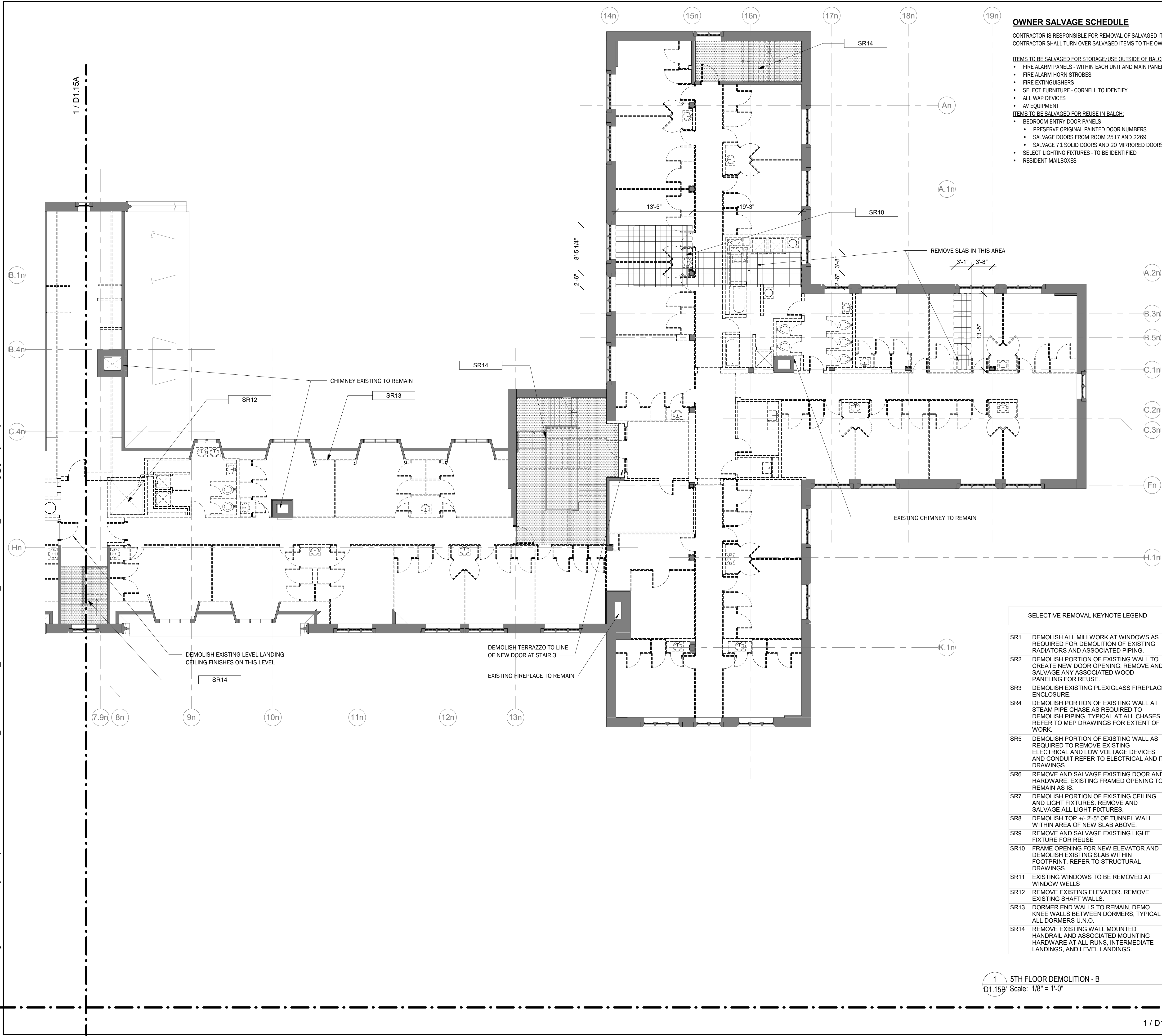
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ISSUE  
**ENLARGED FIFTH FLOOR DEMO PLAN - A**

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**D1.15A**



**OWNER SALVAGE SCHEDULE**

- CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.
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    - PRESERVE ORIGINAL PAINTED DOOR NUMBERS
    - SALVAGE DOORS FROM ROOM 2517 AND 2269
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  - SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
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**DEMOLITION GENERAL NOTES**

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- EXISTING STRUCTURE AND CHIMNEYS TO REMAIN UNO. PROTECT. DEMOLITION PLANS INDICATE EXTENT OF FLOOR DEMOLITION. LOCAL EXTENTS OF SLAB DEMOLITION TO BE CONFIRMED IN THE FIELD. DIMENSIONS SHOWN ARE MIN. OPENING SIZES. OPENING MAY NEED TO BE ENLARGED DEPENDING ON LOCATION OF EXISTING CONCRETE RIBS. SEE STRUCTURAL TYPICAL DETAIL FOR OVERCUT AND INFILL IN THESE AREAS.
- NOTIFY ARCHITECT IF ADDITIONAL CUTTING AND PATCHING IS REQUIRED TO ACCESS ITEMS INDICATED FOR DEMOLITION OR INSTALLATION OF NEW SYSTEMS.
- SALVAGE ALL HISTORIC LIGHT FIXTURES AND OTHER HISTORIC ITEMS AS SHOWN.
- SEE EXTERIOR ELEVATIONS FOR WINDOW REMOVAL AND REPLACEMENT INFORMATION.
- REFER TO D1.07 AND D1.17 SERIES FOR DEMOLITION SCOPE AT ROOF.
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- REFER TO SALVAGE SCHEDULE FOR ADDITIONAL ELEMENTS TO BE SALVAGED FOR REINSTALLATION OR TO TURNED OVER TO THE OWNER.
- EXISTING PLASTER/GYPSUM/STUD INTERIOR PARTITION WALLS ARE NOT STRUCTURAL IN THE EXISTING BUILDING. SLABS TO BE INFILLED AS REQUIRED AFTER THE REMOVAL OF THE PLASTER AND LATH PARTITIONS.
- FOR INTERIOR TERRACOTTA PARTITION WALLS THAT ARE TO BE DEMOLISHED, GO TO LOCALLY EXPOSE UNDERSIDE OF SLAB ABOVE AT TOP OF PARTITION WALL FOR OBSERVATION BY DESIGN TEAM BEFORE WALL IS DEMOLISHED.
- DEMOLITION OF EXISTING FLOOR FINISH ASSEMBLIES (INCLUDING BUT NOT LIMITED TO TILE, CARPET, RESILIENT FLOORING) SHOULD INCLUDE THE SETTING BED/FLOOR LEVELING COMPOUNDS AND BE REMOVED DOWN TO STRUCTURAL SLAB.

**SELECTIVE REMOVAL KEYNOTE LEGEND**

|      |                                                                                                                                                        |
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| SR1  | DEMOLISH ALL MILLWORK AT WINDOWS AS REQUIRED FOR DEMOLITION OF EXISTING RADIATORS AND ASSOCIATED PIPING.                                               |
| SR2  | DEMOLISH PORTION OF EXISTING WALL TO CREATE NEW DOOR OPENING. REMOVE AND SALVAGE ANY ASSOCIATED WOOD PANELING FOR REUSE.                               |
| SR3  | DEMOLISH EXISTING PLEXIGLASS FIREPLACE ENCLOSURE.                                                                                                      |
| SR4  | DEMOLISH PORTION OF EXISTING WALL AT STEAM PIPE CHASE AS REQUIRED TO DEMOLISH PIPING. TYPICAL AT ALL CHASES. REFER TO MEP DRAWINGS FOR EXTENT OF WORK. |
| SR5  | DEMOLISH PORTION OF EXISTING WALL AS REQUIRED TO REMOVE EXISTING ELECTRICAL AND LOW VOLTAGE DEVICES AND CONDUIT REFER TO ELECTRICAL AND IT DRAWINGS.   |
| SR6  | REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. EXISTING FRAMED OPENING TO REMAIN AS IS.                                                                |
| SR7  | DEMOLISH PORTION OF EXISTING CEILING AND LIGHT FIXTURES. REMOVE AND SALVAGE ALL LIGHT FIXTURES.                                                        |
| SR8  | DEMOLISH TOP +/- 2'-5" OF TUNNEL WALL WITHIN AREA OF NEW SLAB ABOVE.                                                                                   |
| SR9  | REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE.                                                                                                   |
| SR10 | FRAME OPENING FOR NEW ELEVATOR AND DEMOLISH EXISTING SLAB WITHIN FOOTPRINT. REFER TO STRUCTURAL DRAWINGS.                                              |
| SR11 | EXISTING WINDOWS TO BE REMOVED AT WINDOW WELLS.                                                                                                        |
| SR12 | REMOVE EXISTING ELEVATOR. REMOVE EXISTING SHAFT WALLS.                                                                                                 |
| SR13 | DORMER END WALLS TO REMAIN, DEMO KNEE WALLS BETWEEN DORMERS, TYPICAL ALL DORMERS U.N.O.                                                                |
| SR14 | REMOVE EXISTING WALL MOUNTED HANDRAIL AND ASSOCIATED MOUNTING HARDWARE AT ALL RUNS, INTERMEDIATE LANDINGS, AND LEVEL LANDINGS.                         |

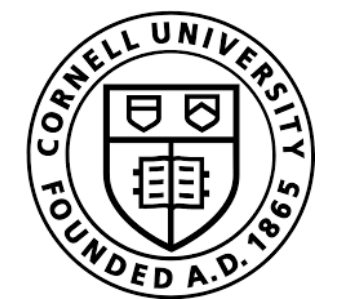
**DEFINITIONS**

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- REMOVE:** ELEMENT WILL NOT REMAIN AS PART OF THE COMPLETED WORK; SALVAGE AS A COMPLETE BUILDING ELEMENT INTENDED FOR RECYCLING/REUSE AS DIRECTED BY OWNER.
- SALVAGE:** CAREFULLY REMOVE EXISTING ELEMENT(S) OR ASSEMBLY WITHOUT DAMAGE; ELEMENT IS TO REMAIN AS PART OF THE COMPLETED WORK AND MUST BE REINSTALLED. CONTRACTOR TO TAG AND LABEL SALVAGED ELEMENTS TO ENSURE REINSTALLATION IN ORIGINAL LOCATION.

**DEMOLITION LEGEND**

- SLAB REMOVAL. SEE STRUCTURAL
- PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
- PROTECT ALL EXISTING STAIR ELEMENTS AND FINISHES, UNO.
- EXISTING INACCESSIBLE AREA
- AREA TO BE EXCAVATED
- CEILING AREA TO BE DEMOLISHED
- ATTIC SPACE, NO SLAB
- LIMITED DEMOLITION SCOPE IN TATKON CENTER (REFER TO D4.03 AND D4.04) AND RHD APARTMENT (REFER TO D4.05)
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- CREATE OPENING IN EXISTING WALL
- EXISTING DOOR AND FRAME TO BE REMOVED
- EXISTING DOOR TO BE REMOVED, PROTECT FRAME TO REMAIN
- EXISTING WINDOW SASH TO BE REMOVED, LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

1 5TH FLOOR DEMOLITION - B  
D1.15B Scale: 1/8" = 1'-0"



**BALCH HALL RENOVATION**  
Cornell University

600 Thurston Avenue  
Ithaca, New York 14853

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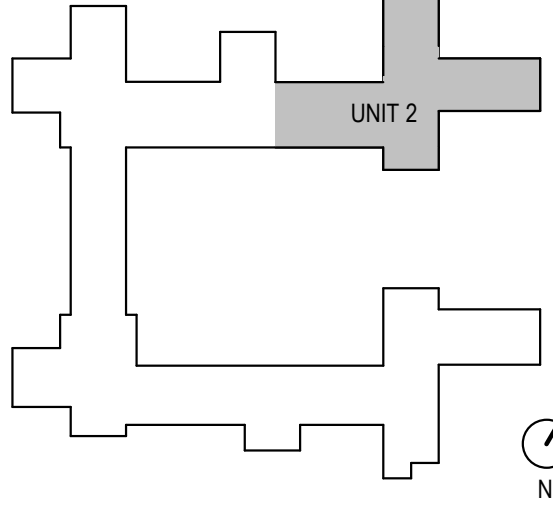
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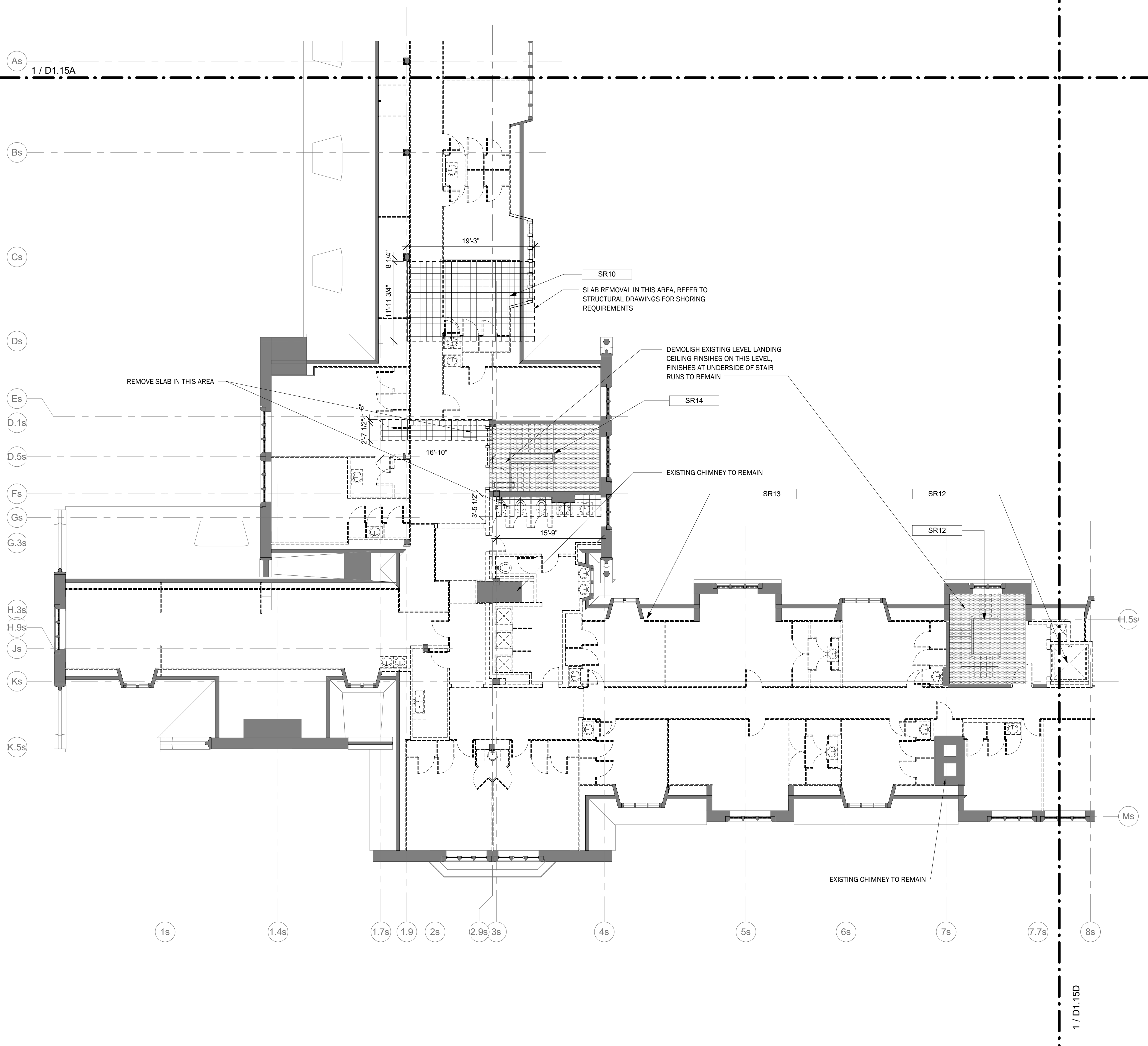
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**D1.15B**

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**OWNER SALVAGE SCHEDULE**

CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.

- ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**
  - FIRE ALARM PANELS - WITHIN EACH UNIT AND MAIN PANELS
  - FIRE ALARM HORN STROBES
  - FIRE EXTINGUISHERS
  - SELECT FURNITURE - CORNELL TO IDENTIFY
  - ALL WAP DEVICES
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    - SALVAGE DOORS FROM ROOM 2517 AND 2269
    - SALVAGE 71 SOLID DOORS AND 20 MIRRORRED DOORS
  - SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
  - RESIDENT MAILBOXES

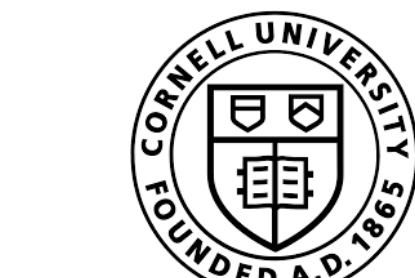
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1 5TH FLOOR DEMOLITION - C  
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**BALCH HALL RENOVATION**

Cornell University

600 Thurston Avenue  
Ithaca, New York 14853

**GOODYCLANCY**

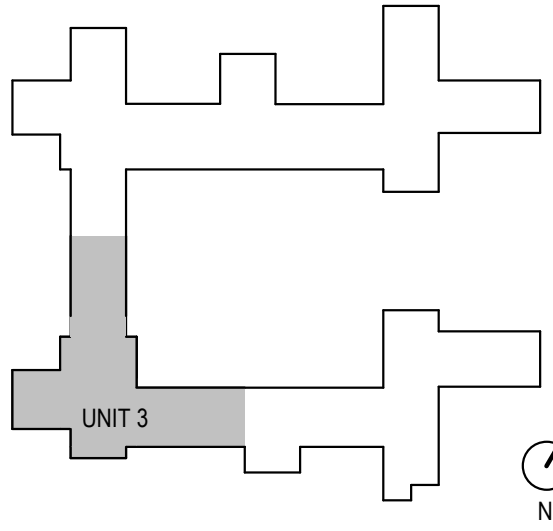
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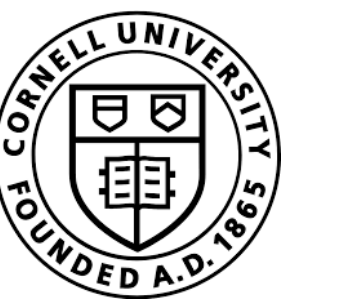
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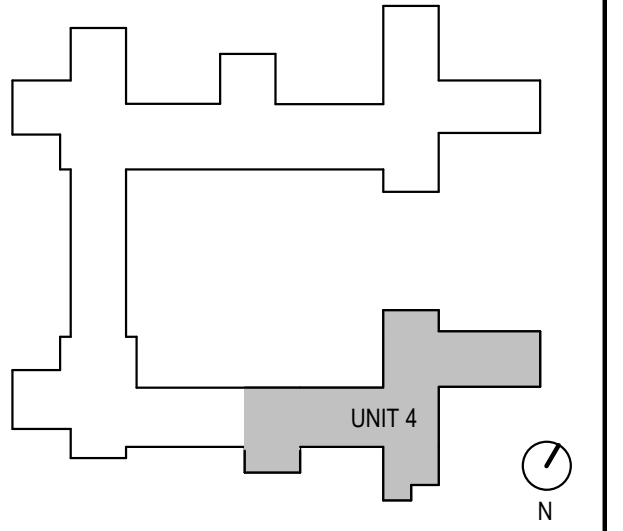
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#### OWNER SALVAGE SCHEDULE

CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.

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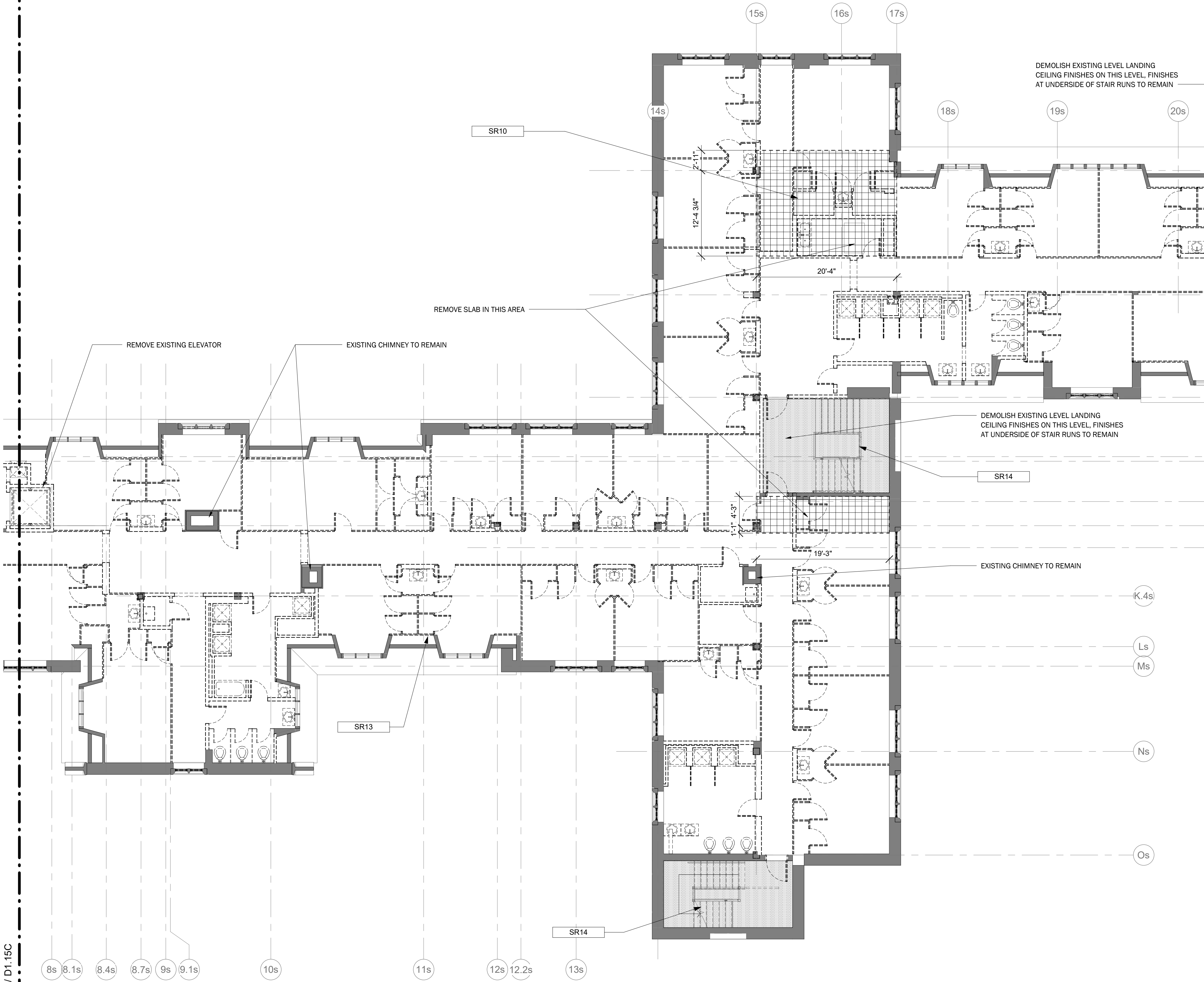
|      |                                                                                                                                                        |
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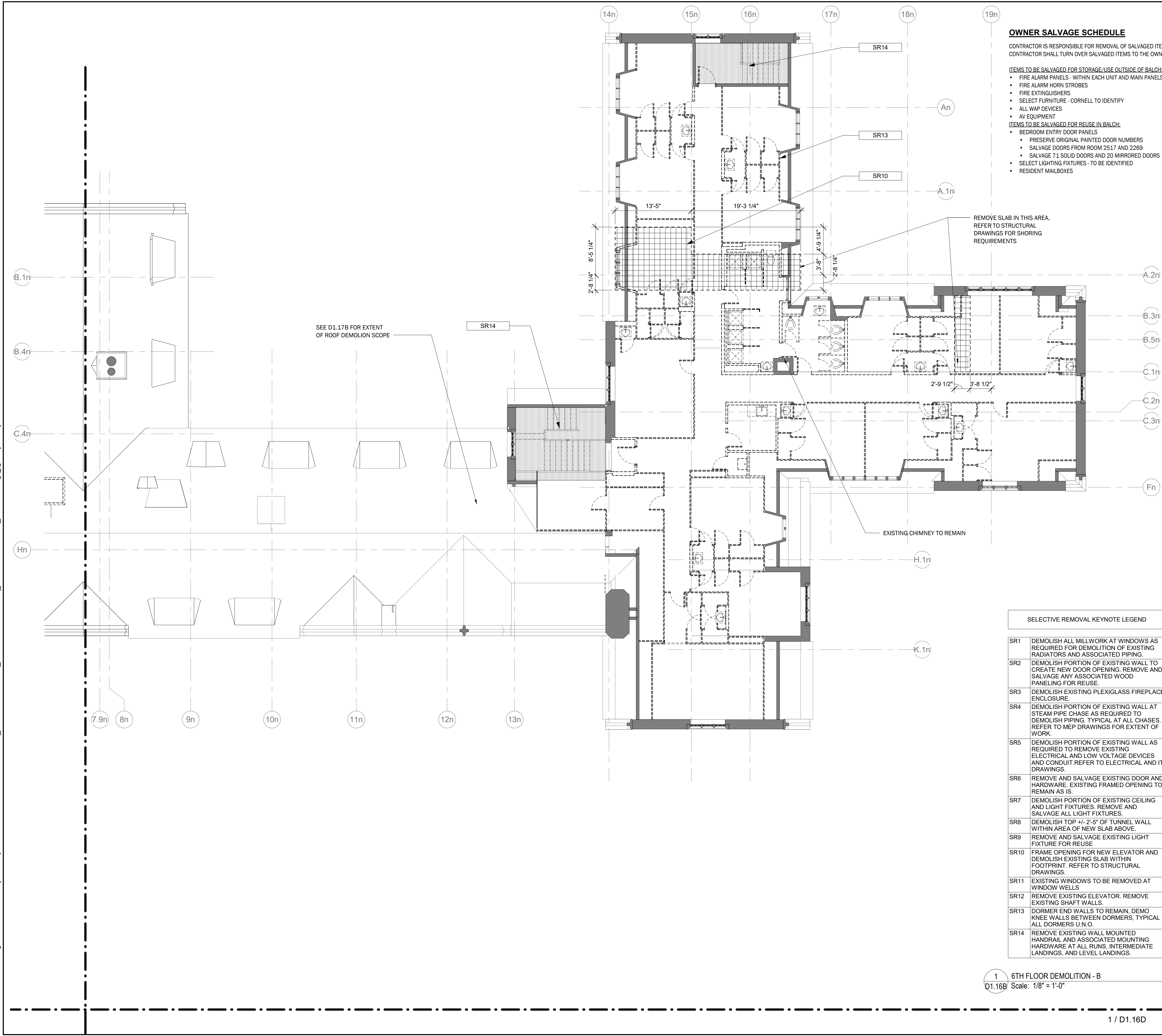
#### DEMOLITION LEGEND

- [Grid Pattern] SLAB REMOVAL. SEE STRUCTURAL
- [Dotted Pattern] PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
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- [Cross-hatch Pattern] AREA TO BE EXCAVATED
- [Diagonal Line Pattern] CEILING AREA TO BE DEMOLISHED
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- [Solid Grey] EXISTING WALL TO REMAIN
- [Dashed Grey] EXISTING WALL TO BE REMOVED
- [Dotted Grey] CREATE OPENING IN EXISTING WALL
- [Thin Solid Grey] EXISTING DOOR AND FRAME TO BE REMOVED
- [Thin Dashed Grey] EXISTING DOOR TO BE REMOVED, PROTECT FRAME TO REMAIN
- [Thin Stippled Grey] EXISTING DOOR TO REMAIN, PROTECT; MODIFY HARDWARE AS SCHEDULED
- [Thin Cross-hatch Grey] EXISTING WINDOW SASH TO BE REMOVED, LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.



1 5TH FLOOR DEMOLITION - D  
D1.15D Scale: 1/8" = 1'-0"

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**OWNER SALVAGE SCHEDULE**

CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.

**ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**

- FIRE ALARM PANELS - WITHIN EACH UNIT AND MAIN PANELS
- FIRE ALARM HORN STROBES
- FIRE EXTINGUISHERS
- SELECT FURNITURE - CORNELL TO IDENTIFY
- ALL WAP DEVICES
- AV EQUIPMENT

**ITEMS TO BE SALVAGED FOR REUSE IN BALCH:**

- BEDROOM ENTRY DOOR PANELS
- PRESERVE ORIGINAL PAINTED DOOR NUMBERS
- SALVAGE DOORS FROM ROOM 2517 AND 2269
- SALVAGE 71 SOLID DOORS AND 20 MIRRORRED DOORS
- SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
- RESIDENT MAILBOXES

**DEMOLITION GENERAL NOTES**

1. GENERAL CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, BOTH PRIOR TO DEMOLITION AND UPON COMPLETION OF DEMOLITION, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. PROTECT THE EXISTING BUILDING ELEMENTS SCHEDULED TO REMAIN. REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 02 "SELECTIVE DEMOLITION" FOR ADDITIONAL PROTECTION REQUIREMENTS. THE CONSTRUCTION MANAGER IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO EXISTING MATERIALS DURING DEMOLITION OR CONSTRUCTION TO MATCH ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER; SUCH REPAIR AND REPLACEMENT BEING ADDITIONAL IS SUBJECT TO ARCHITECT'S APPROVAL AND THE CONSTRUCTION MANAGER'S WRITTEN PROPOSAL FOR SUCH WORK.
3. REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 01 SECTION "CONSTRUCTION WASTE MANAGEMENT" FOR REQUIREMENTS AFFECTING SORTING, SEPARATION, DISPOSAL, OR RECYCLING OF DEMOLISHED MATERIALS.
4. REMOVE ALL FINISHES, CEILINGS, LIGHTING, MEP/FP SYSTEMS, PARTITIONS, SIGNAGE, AND ASSOCIATED ACCESSORIES IN ALL AREAS EXCEPT AS NOTED AND IN HISTORIC LOUNGES AND STAIRS AS SHOWN. REFER TO SELECTIVE REMOVAL KEYNOTES ON ENLARGED DEMO PLANS FOR SCOPE OF DEMOLITION, REMOVAL, AND SALVAGE SCOPE IN THESE AREAS.
5. REFER TO MEP & FP DRAWINGS FOR EXTENT AND LOCATION OF EXISTING SERVICES DEMOLITION. CUT AND PATCH FINISHES AS REQUIRED FOR ACCESS.
6. EXISTING STRUCTURE AND CHIMNEYS TO REMAIN UNO., PROTECT. DEMOLITION PLANS INDICATE EXTENT OF FLOOR DEMOLITION. LOCAL EXTENTS OF SLAB DEMOLITION TO BE CONFIRMED IN THE FIELD. DIMENSIONS SHOWN ARE MIN. OPENING SIZES. OPENING MAY NEED TO BE ENLARGED DEPENDING ON LOCATION OF EXISTING CONCRETE REES. SEE STRUCTURAL TYPICAL DETAIL FOR OVERCUT AND INFILL IN THESE AREAS.
7. NOTIFY ARCHITECT IF ADDITIONAL CUTTING AND PATCHING IS REQUIRED TO ACCESS ITEMS INDICATED FOR DEMOLITION OR INSTALLATION OF NEW SYSTEMS.
8. SALVAGE ALL HISTORIC LIGHT FIXTURES AND OTHER HISTORIC ITEMS AS SHOWN.
9. SEE EXTERIOR ELEVATIONS FOR WINDOW REMOVAL AND REPLACEMENT INFORMATION.
10. REFER TO D1.07 AND D1.17 SERIES FOR DEMOLITION SCOPE AT ROOF.
11. SEE LANDSCAPE AND CIVIL DRAWINGS FOR EXTENT OF COURTYARD AND EXTERIOR LANDSCAPE DEMOLITION.
12. ALL UNUSED FLOOR AND WALL OPENINGS, WHETHER NEW OR EXISTING, SHALL BE INFILLED. ALL FLOOR OPENINGS MUST MEET FIRE RATINGS INDICATED ON LIFE SAFETY DRAWINGS. WALL OPENINGS, WHEN OCCURRING IN RATED WALLS INDICATED ON THE LIFE SAFETY DRAWINGS, MUST MEET RATING REQUIREMENTS.
13. REFER TO SALVAGE SCHEDULE FOR ADDITIONAL ELEMENTS TO BE SALVAGED FOR REINSTALLATION OR TO TURNED OVER TO THE OWNER.
14. EXISTING PLASTER/GYPSUM/STUD INTERIOR PARTITION WALLS ARE NOT STRUCTURAL IN THE EXISTING BUILDING. SLABS TO BE INFILLED AS REQUIRED AFTER THE REMOVAL OF THE PLASTER AND LATH PARTITIONS.
15. FOR INTERIOR TERRACOTTA PARTITION WALLS THAT ARE TO BE DEMOLISHED, GC TO LOCALLY EXPOSE UNDERSIDE OF SLAB ABOVE AT TOP OF PARTITION WALL FOR OBSERVATION BY DESIGN TEAM BEFORE WALL IS DEMOLISHED.
16. DEMOLITION OF EXISTING FLOOR FINISH ASSEMBLIES (INCLUDING BUT NOT LIMITED TO TILE, CARPET, RESILIENT FLOORING) SHOULD INCLUDE THE SETTING BED/FLOOR LEVELING COMPOUNDS AND BE REMOVED DOWN TO STRUCTURAL SLAB.

**SELECTIVE REMOVAL KEYNOTE LEGEND**

|      |                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR1  | DEMOLISH ALL MILLWORK AT WINDOWS AS REQUIRED FOR DEMOLITION OF EXISTING RADIATORS AND ASSOCIATED PIPING.                                               |
| SR2  | DEMOLISH PORTION OF EXISTING WALL TO CREATE NEW DOOR OPENING. REMOVE AND SALVAGE ANY ASSOCIATED WOOD PANELING FOR REUSE.                               |
| SR3  | DEMOLISH EXISTING PLEXIGLASS FIREPLACE ENCLOSURE.                                                                                                      |
| SR4  | DEMOLISH PORTION OF EXISTING WALL AT STEAM PIPE CHASE AS REQUIRED TO DEMOLISH PIPING. TYPICAL AT ALL CHASES. REFER TO MEP DRAWINGS FOR EXTENT OF WORK. |
| SR5  | DEMOLISH PORTION OF EXISTING WALL AS REQUIRED TO REMOVE EXISTING ELECTRICAL AND LOW VOLTAGE DEVICES AND CONDUIT. REFER TO ELECTRICAL AND IT DRAWINGS.  |
| SR6  | REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. EXISTING FRAMED OPENING TO REMAIN AS IS.                                                                |
| SR7  | DEMOLISH PORTION OF EXISTING CEILING AND LIGHT FIXTURES. REMOVE AND SALVAGE ALL LIGHT FIXTURES.                                                        |
| SR8  | DEMOLISH TOP +/- 2'-5" OF TUNNEL WALL WITHIN AREA OF NEW SLAB ABOVE.                                                                                   |
| SR9  | REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE.                                                                                                   |
| SR10 | FRAME OPENING FOR NEW ELEVATOR AND DEMOLISH EXISTING SLAB WITHIN FOOTPRINT. REFER TO STRUCTURAL DRAWINGS.                                              |
| SR11 | EXISTING WINDOWS TO BE REMOVED AT WINDOW WELLS                                                                                                         |
| SR12 | REMOVE EXISTING ELEVATOR. REMOVE EXISTING SHAFT WALLS.                                                                                                 |
| SR13 | DORMER END WALLS TO REMAIN, DEMO KNEE WALLS BETWEEN DORMERS, TYPICAL ALL DORMERS U.N.O.                                                                |
| SR14 | REMOVE EXISTING WALL MOUNTED HANDRAIL AND ASSOCIATED MOUNTING HARDWARE AT ALL RUNS, INTERMEDIATE LANDINGS, AND LEVEL LANDINGS.                         |

**DEFINITIONS**

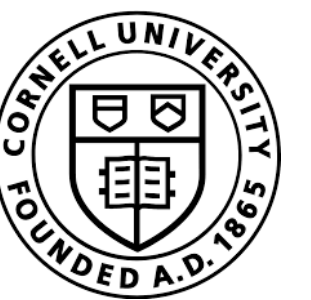
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- **REMOVE:** ELEMENT WILL NOT REMAIN AS PART OF THE COMPLETED WORK; SALVAGE AS A COMPLETE BUILDING ELEMENT INTENDED FOR RECYCLING/REUSE AS DIRECTED BY OWNER.
- **SALVAGE:** CAREFULLY REMOVE EXISTING ELEMENT(S) OR ASSEMBLY WITHOUT DAMAGE; ELEMENT IS TO REMAIN AS PART OF THE COMPLETED WORK AND MUST BE REINSTALLED. CONTRACTOR TO TAG AND LABEL SALVAGED ELEMENTS TO ENSURE REINSTALLATION IN ORIGINAL LOCATION.

**DEMOLITION LEGEND**

- ▢ SLAB REMOVAL, SEE STRUCTURAL
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1 6TH FLOOR DEMOLITION - B  
D1.16B Scale: 1/8" = 1'-0"

1 / D1.16D



**BALCH HALL RENOVATION**  
Cornell University

600 Thurston Avenue  
Ithaca, New York 14853

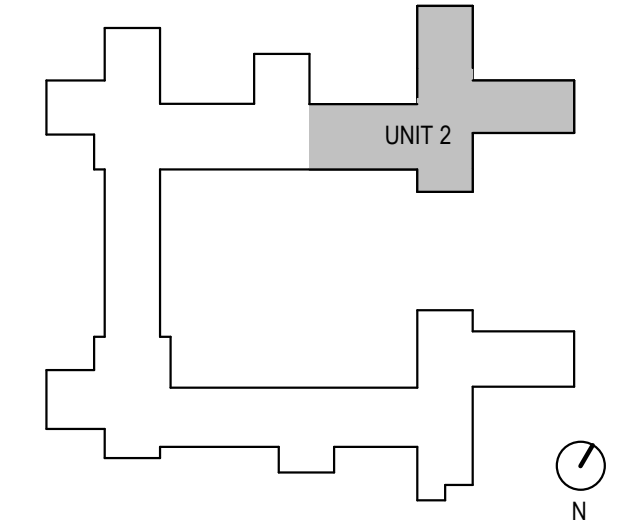
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KEY PLAN



**Construction Documents**

ISSUED: 11/5/2021

ISSUE  
**ENLARGED SIXTH FLOOR DEMO PLAN - B**

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1 / D1.16B

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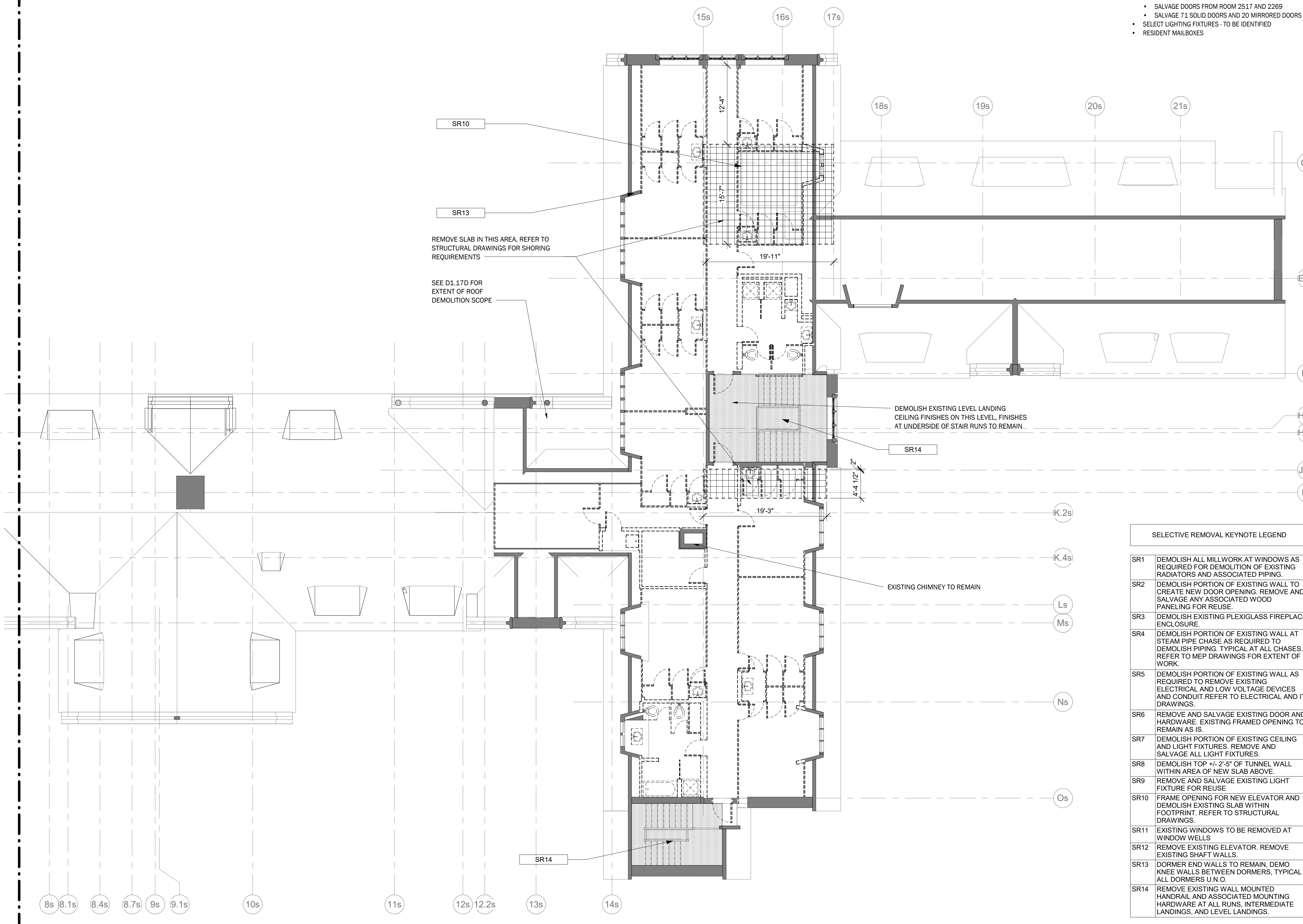
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**SELECTIVE REMOVAL KEYNOTE LEGEND**

|      |                                                                                                                                                        |
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| SR14 | REMOVE EXISTING WALL MOUNTED HANDRAIL AND ASSOCIATED MOUNTING HARDWARE AT ALL RUNS, INTERMEDIATE LANDINGS, AND LEVEL LANDINGS.                         |

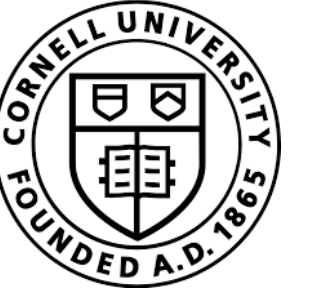
**DEFINITIONS**

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**DEMOLITION LEGEND**

- ▢ SLAB REMOVAL, SEE STRUCTURAL
- ▨ PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
- ▩ PROTECT ALL EXISTING STAIR ELEMENTS AND FINISHES, UNO.
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- ▦ AREA TO BE EXCAVATED
- ▥ CEILING AREA TO BE DEMOLISHED
- ▤ ATTIC SPACE, NO SLAB
- ▣ LIMITED DEMOLITION SCOPE IN TATKON CENTER (REFER TO D4.03 AND D4.04) and RHD APARTMENT (REFER TO D4.05)
- ▢ EXISTING WALL TO REMAIN
- ▨ EXISTING WALL TO BE REMOVED
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- ▥ EXISTING DOOR TO REMAIN, PROTECT. MODIFY HARDWARE AS SCHEDULED
- ▤ EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

1 6TH FLOOR DEMOLITION - D  
D1.16D Scale: 1/8" = 1'-0"



**BALCH HALL RENOVATION**

**Cornell University**

600 Thurston Avenue  
Ithaca, New York 14853

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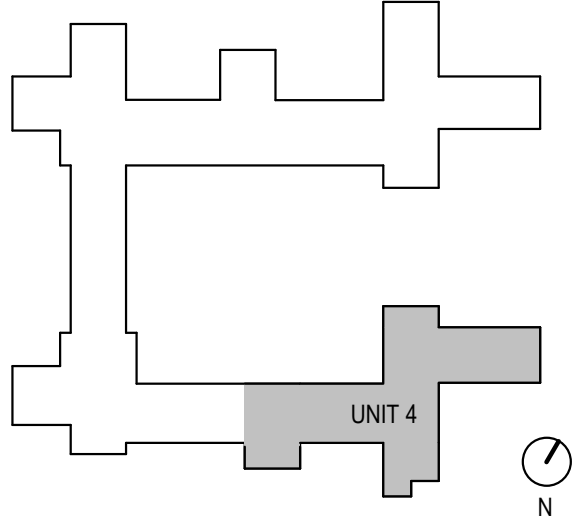
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KEY PLAN



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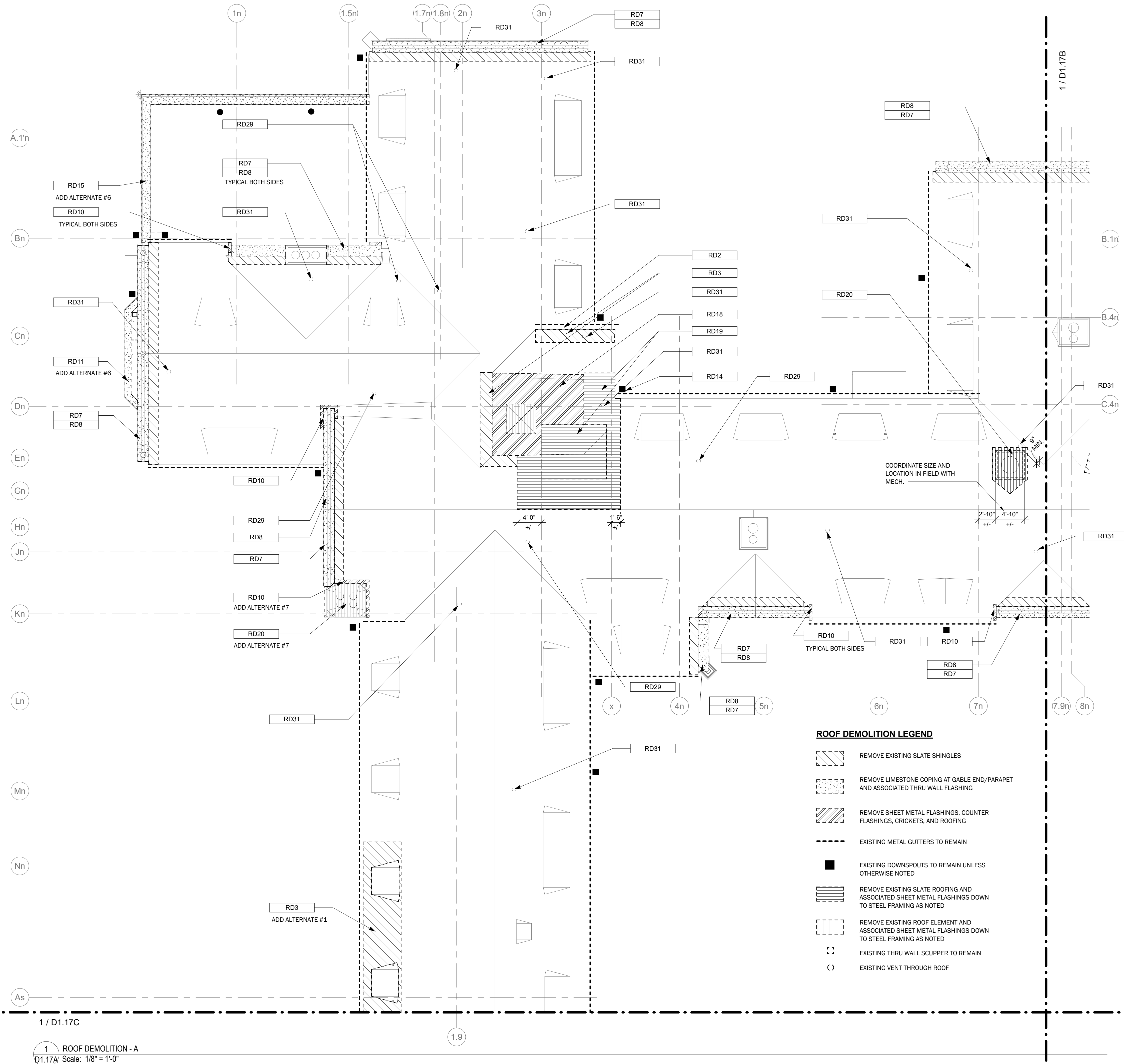
ISSUE  
**ENLARGED SIXTH FLOOR DEMO PLAN - D**

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GOODY CLANCY PROJECT NUMBER: 07400

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**ROOF DEMOLITION GENERAL NOTES**

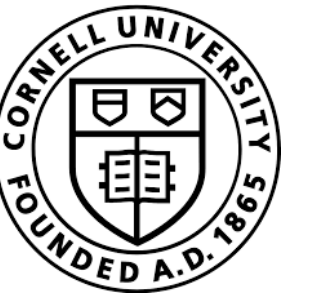
- PROTECT EXISTING ROOF AND ROOF ELEMENTS TO REMAIN. ANY DAMAGE OF EXISTING AREAS TO REMAIN SHALL BE REPAIRED OR REPLACED TO MATCH ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER. AREAS EXISTING TO REMAIN INCLUDE FIELD OF SLATE SHINGLES, SHEET METAL RIDGES AND VALLEYS, WOOD DORMERS, LOW PITCHED ROOFS, AND CHIMNEYS, UNLESS OTHERWISE NOTED.
- METAL ROOFING DEMOLITION INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF SHEET METAL THRU WALL FLASHING AT COPING STONES AND STEP FLASHINGS, AS INDICATED ON THE ROOF DEMOLITION PLANS.
- ALL EXISTING ROOF ELEMENTS NOT IDENTIFIED FOR REMOVAL ARE EXISTING TO REMAIN AND SHALL BE PROTECTED DURING CONSTRUCTION. REFER TO ROOF PLANS FOR SCOPE OF WORK.
- LOCALIZED ROOF DEMOLITION, INCLUDES BUT IT IS NOT LIMITED TO, REMOVAL OF SLATE SHINGLES, FELT, UNDERLAYMENT, WALL HANGERS, DOWN TO THE EXISTING GYPSUM BLOCK TO REMAIN AS INDICATED ON THE DRAWINGS.
  - SLATE SHINGLES SHALL BE REMOVED AND STORED FOR REINSTALLATION.
  - ALL DEMOLITION PREPARATION WORK MUST BE IN PLACE PRIOR TO THE START OF THE DEMOLITION WORK.
- ROOF PENETRATIONS AS A RESULT OF NEW OPENINGS OR REMOVAL OF EXISTING ELEMENTS SHALL BE COORDINATED WITH STRUCTURAL. STORE SLATE SHINGLES FOR REUSE AT OTHER AREAS OF WORK.
- ALL MASONRY AT THE ROOF, INCLUDING BUT NOT LIMITED TO, LIMESTONE COPINGS AND LLENROC ASHLAR SHALL BE REMOVED AND REINSTALLED AS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL PROPERLY DOCUMENT ALL MASONRY PRIOR TO REMOVAL IN ORDER TO REPLICATE EXISTING CONDITION AT REINSTALLATION.
- THE CONTRACTOR SHALL REFER TO THE HAZARDOUS MATERIALS ASSESSMENT FOR ASBESTOS CONTAINING MATERIALS AND SHALL MEET ALL REQUIREMENTS FOR WORKER PROTECTION, SAFE OPERATIONS, AND THE PROPER DISPOSAL OF ALL MATERIALS.
- REFER TO SHEET A1.17 SERIES FOR ROOF SCOPE OF WORK.
- REFER TO SHEET A2.10 SERIES FOR MASONRY SCOPE OF WORK.
- REFER TO PLUMBING DRAWINGS FOR LOCATIONS OF EXISTING PIPE VENTS TO REMAIN AND TO BE REMOVED.

**ALTERNATES**

- ADD ALTERNATE #1: SNOWGUARD INSTALLATION AT SOUTHWEST CORNER OF THE BUILDING. INCLUDE SLATE SHINGLE ROOFING AND WATERPROOFING WORK
- ADD ALTERNATE #6: COPING REBUILD AT TYPICAL PARAPETS AND NORTH BALCH TERRACE PARAPET WALL REBUILD, INCLUDE THRU WALL FLASHING REPLACEMENT
- ADD ALTERNATE #7: AT CHIMNEY REBUILD, REMOVE AND REINSTALL EXISTING LLENROC AND LIMESTONE (FACE STONE ONLY) AND PROVIDE CMU BACK-UP, COORDINATE WITH STRUCTURAL

**ROOF DEMOLITION KEYNOTE LEGEND**

|      |                                                                                                                                                                                                                                             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RD2  | REMOVE METAL HANGING GUTTER                                                                                                                                                                                                                 |
| RD3  | CAREFULLY REMOVE SLATE SHINGLES AND STORE FOR REINSTALLATION                                                                                                                                                                                |
| RD3A | CAREFULLY REMOVE SLATE SHINGLES ADJACENT TO GUTTER REMOVAL AND STORE FOR REINSTALLATION                                                                                                                                                     |
| RD7  | CAREFULLY REMOVE LIMESTONE COPING AT GABLE END AND STORE FOR REINSTALLATION, INCLUDING REMOVAL AND REINSTALLATION OF ADJACENT SLATE SHINGLES                                                                                                |
| RD8  | REMOVE THRU-WALL FLASHING AT GABLE END                                                                                                                                                                                                      |
| RD10 | REMOVE STEP FLASHING AND COUNTERFLASHING AT RISING WALL, INCLUDING REMOVAL AND REINSTALLATION OF ADJACENT SLATE SHINGLES                                                                                                                    |
| RD11 | CAREFULLY REMOVE LIMESTONE COPING AT PARAPET WALL AND STORE FOR REINSTALLATION, REMOVE ASSOCIATED THRU WALL METAL FLASHING                                                                                                                  |
| RD12 | REMOVE SLATE SHINGLES AND STORE FOR REINSTALLATION AT OTHER AREAS OF WORK                                                                                                                                                                   |
| RD14 | REMOVE LOWER HALF OF METAL DOWNSPOUT; REFER TO ENLARGED ELEVATIONS (A2.10 SERIES) FOR EXTENT OF MODIFICATIONS                                                                                                                               |
| RD15 | CAREFULLY REMOVE LIMESTONE COPING AND LLENROC PARAPET DOWN TO LIMESTONE BANDCOURSE AND STORE FOR REINSTALLATION                                                                                                                             |
| RD18 | REMOVE EXISTING SHEET METAL ROOFING ASSEMBLY AND VENT AT UNIT 1 ONLY                                                                                                                                                                        |
| RD19 | REMOVE EXISTING SLATE ROOFING ASSEMBLY AND MODIFY STRUCTURE AS REQUIRED FOR ROOF PENETRATION (E.G. ELEVATOR PENTHOUSES AND DORMERS). CAREFULLY REMOVE AND STORE SLATE SHINGLES FOR REUSE AT OTHER AREAS OF WORK. COORDINATE WITH STRUCTURAL |
| RD20 | CAREFULLY DISMANTLE STONE MASONRY CHIMNEY AND ALL ASSOCIATED METAL FLASHING DOWN TO EXISTING STEEL FRAMING. STORE LLENROC AND LIMESTONE FOR REUSE AT OTHER AREAS OF WORK. COORDINATE WITH STRUCTURAL                                        |
| RD24 | REMOVE EXISTING DORMER AND ALL ASSOCIATED METAL FLASHING DOWN TO EXISTING STEEL FRAMING. COORDINATE WITH STRUCTURAL                                                                                                                         |
| RD29 | REMOVE VENT PIPE, PROTECT EXISTING OPENING TO REMAIN                                                                                                                                                                                        |
| RD31 | EXISTING VENT PIPE TO REMAIN, ABANDON IN PLACE                                                                                                                                                                                              |



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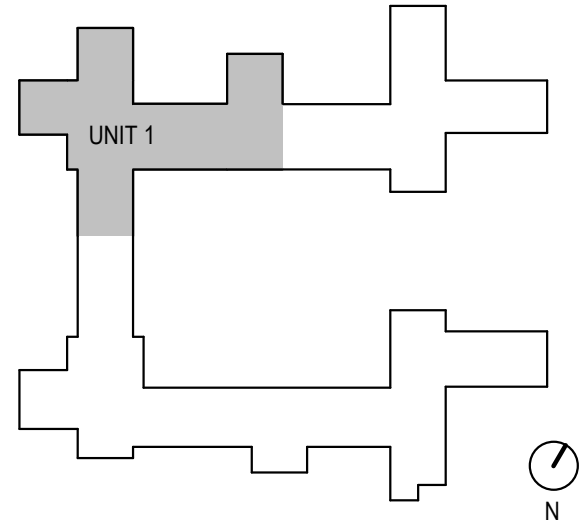
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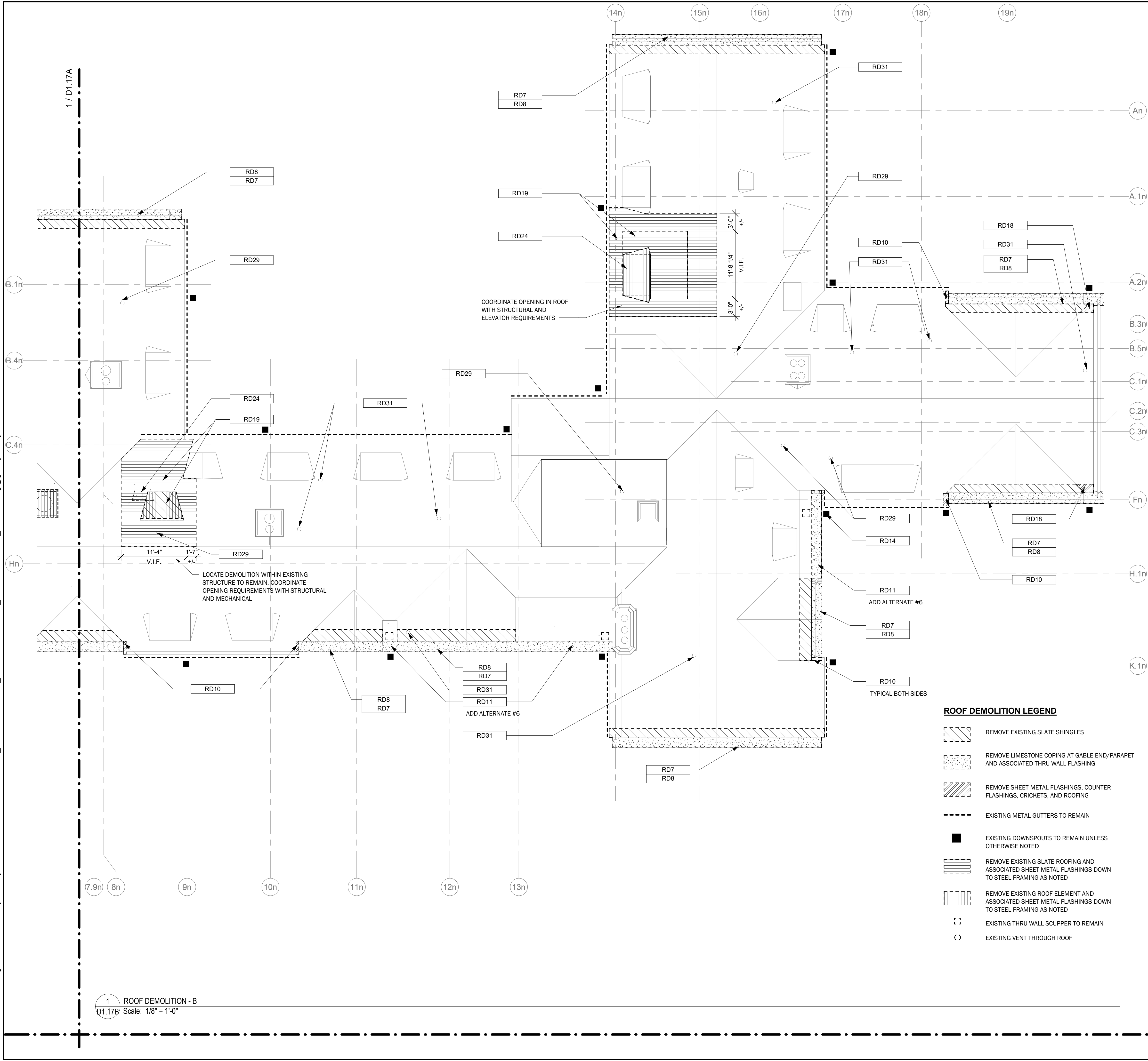
ISSUE  
**ENLARGED ROOF DEMO PLAN - A**

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**ROOF DEMOLITION GENERAL NOTES**

1. PROTECT EXISTING ROOF AND ROOF ELEMENTS TO REMAIN. ANY DAMAGE OF EXISTING AREAS TO REMAIN SHALL BE REPAIRED OR REPLACED TO MATCH ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER. AREAS EXISTING TO REMAIN INCLUDE FIELD OF SLATE SHINGLES, SHEET METAL RIDGES AND VALLEYS, WOOD DORMERS, LOW PITCHED ROOFS, AND CHIMNEYS, UNLESS OTHERWISE NOTED.
2. METAL ROOFING DEMOLITION INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF SHEET METAL THRU WALL FLASHING AT COPING STONES AND STEP FLASHINGS, AS INDICATED ON THE ROOF DEMOLITION PLANS.
3. ALL EXISTING ROOF ELEMENTS NOT IDENTIFIED FOR REMOVAL ARE EXISTING TO REMAIN AND SHALL BE PROTECTED DURING CONSTRUCTION. REFER TO ROOF PLANS FOR SCOPE OF WORK.
4. LOCALIZED ROOF DEMOLITION, INCLUDES BUT IT IS NOT LIMITED TO, REMOVAL OF SLATE SHINGLES, FELT, UNDERLAYMENT, WALL HANGERS, DOWN TO THE EXISTING GYPSUM BLOCK TO REMAIN AS INDICATED ON THE DRAWINGS.
  - A. SLATE SHINGLES SHALL BE REMOVED AND STORED FOR REINSTALLATION.
  - B. ALL DEMOLITION PREPARATION WORK MUST BE IN PLACE PRIOR TO THE START OF THE DEMOLITION WORK.
5. ROOF PENETRATIONS AS A RESULT OF NEW OPENINGS OR REMOVAL OF EXISTING ELEMENTS SHALL BE COORDINATED WITH STRUCTURAL. STORE SLATE SHINGLES FOR REUSE AT OTHER AREAS OF WORK.
6. ALL MASONRY AT THE ROOF, INCLUDING BUT NOT LIMITED TO, LIMESTONE COPINGS AND LLENROC ASHLAR SHALL BE REMOVED AND REINSTALLED AS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL PROPERLY DOCUMENT ALL MASONRY PRIOR TO REMOVAL IN ORDER TO REPLICATE EXISTING CONDITION AT REINSTALLATION.
7. THE CONTRACTOR SHALL REFER TO THE HAZARDOUS MATERIALS ASSESSMENT FOR ASBESTOS CONTAINING MATERIALS AND SHALL MEET ALL REQUIREMENTS FOR WORKER PROTECTION, SAFE OPERATIONS, AND THE PROPER DISPOSAL OF ALL MATERIALS.
8. REFER TO SHEET A1.17 SERIES FOR ROOF SCOPE OF WORK.
9. REFER TO SHEET A2.10 SERIES FOR MASONRY SCOPE OF WORK.
10. REFER TO PLUMBING DRAWINGS FOR LOCATIONS OF EXISTING PIPE VENTS TO REMAIN AND TO BE REMOVED.

**ALTERNATES**

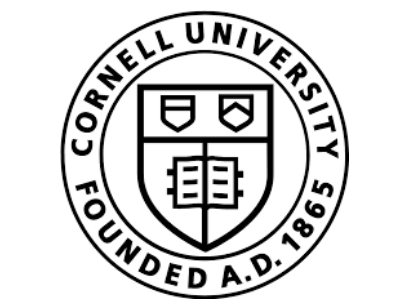
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2. ADD ALTERNATE #6: COPING REBUILD AT TYPICAL PARAPETS AND NORTH BALCH TERRACE PARAPET WALL REBUILD, INCLUDE THRU WALL FLASHING REPLACEMENT
3. ADD ALTERNATE #7: AT CHIMNEY REBUILD, REMOVE AND REINSTALL EXISTING LLENROC AND LIMESTONE (FACE STONE ONLY) AND PROVIDE CMU BACK-UP, COORDINATE WITH STRUCTURAL

**ROOF DEMOLITION KEYNOTE LEGEND**

|      |                                                                                                                                                                                                                                             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RD2  | REMOVE METAL HANGING GUTTER                                                                                                                                                                                                                 |
| RD3  | CAREFULLY REMOVE SLATE SHINGLES AND STORE FOR REINSTALLATION                                                                                                                                                                                |
| RD3A | CAREFULLY REMOVE SLATE SHINGLES ADJACENT TO GUTTER REMOVAL AND STORE FOR REINSTALLATION                                                                                                                                                     |
| RD7  | CAREFULLY REMOVE LIMESTONE COPING AT GABLE END AND STORE FOR REINSTALLATION, INCLUDING REMOVAL AND REINSTALLATION OF ADJACENT SLATE SHINGLES                                                                                                |
| RD8  | REMOVE THRU-WALL FLASHING AT GABLE END                                                                                                                                                                                                      |
| RD10 | REMOVE STEP FLASHING AND COUNTERFLASHING AT RISING WALL, INCLUDING REMOVAL AND REINSTALLATION OF ADJACENT SLATE SHINGLES                                                                                                                    |
| RD11 | CAREFULLY REMOVE LIMESTONE COPING AT PARAPET WALL AND STORE FOR REINSTALLATION; REMOVE ASSOCIATED THRU WALL METAL FLASHING                                                                                                                  |
| RD12 | REMOVE SLATE SHINGLES AND STORE FOR REINSTALLATION AT OTHER AREAS OF WORK                                                                                                                                                                   |
| RD14 | REMOVE LOWER HALF OF METAL DOWNSPOUT; REFER TO ENLARGED ELEVATIONS (A2.10 SERIES) FOR EXTENT OF MODIFICATIONS                                                                                                                               |
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| RD29 | REMOVE VENT PIPE, PROTECT EXISTING OPENING TO REMAIN                                                                                                                                                                                        |
| RD31 | EXISTING VENT PIPE TO REMAIN, ABANDON IN PLACE                                                                                                                                                                                              |

**ROOF DEMOLITION LEGEND**

- REMOVE EXISTING SLATE SHINGLES
- REMOVE LIMESTONE COPING AT GABLE END/PARAPET AND ASSOCIATED THRU WALL FLASHING
- REMOVE SHEET METAL FLASHINGS, COUNTER FLASHINGS, CRICKETS, AND ROOFING
- EXISTING METAL GUTTERS TO REMAIN
- EXISTING DOWNSPOUTS TO REMAIN UNLESS OTHERWISE NOTED
- REMOVE EXISTING SLATE ROOFING AND ASSOCIATED SHEET METAL FLASHINGS DOWN TO STEEL FRAMING AS NOTED
- REMOVE EXISTING ROOF ELEMENT AND ASSOCIATED SHEET METAL FLASHINGS DOWN TO STEEL FRAMING AS NOTED
- EXISTING THRU WALL SCUPPER TO REMAIN
- EXISTING VENT THROUGH ROOF

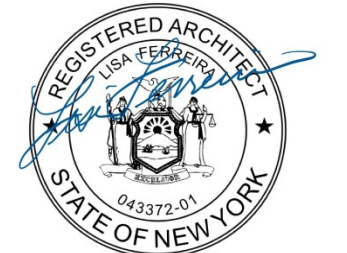


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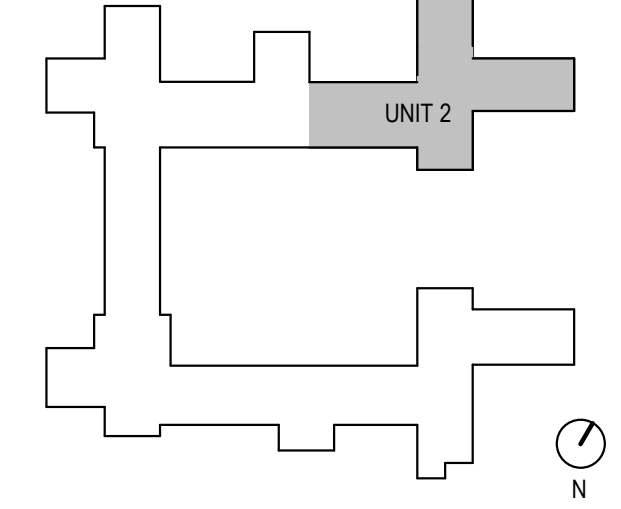
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**ENLARGED ROOF DEMO PLAN - B**

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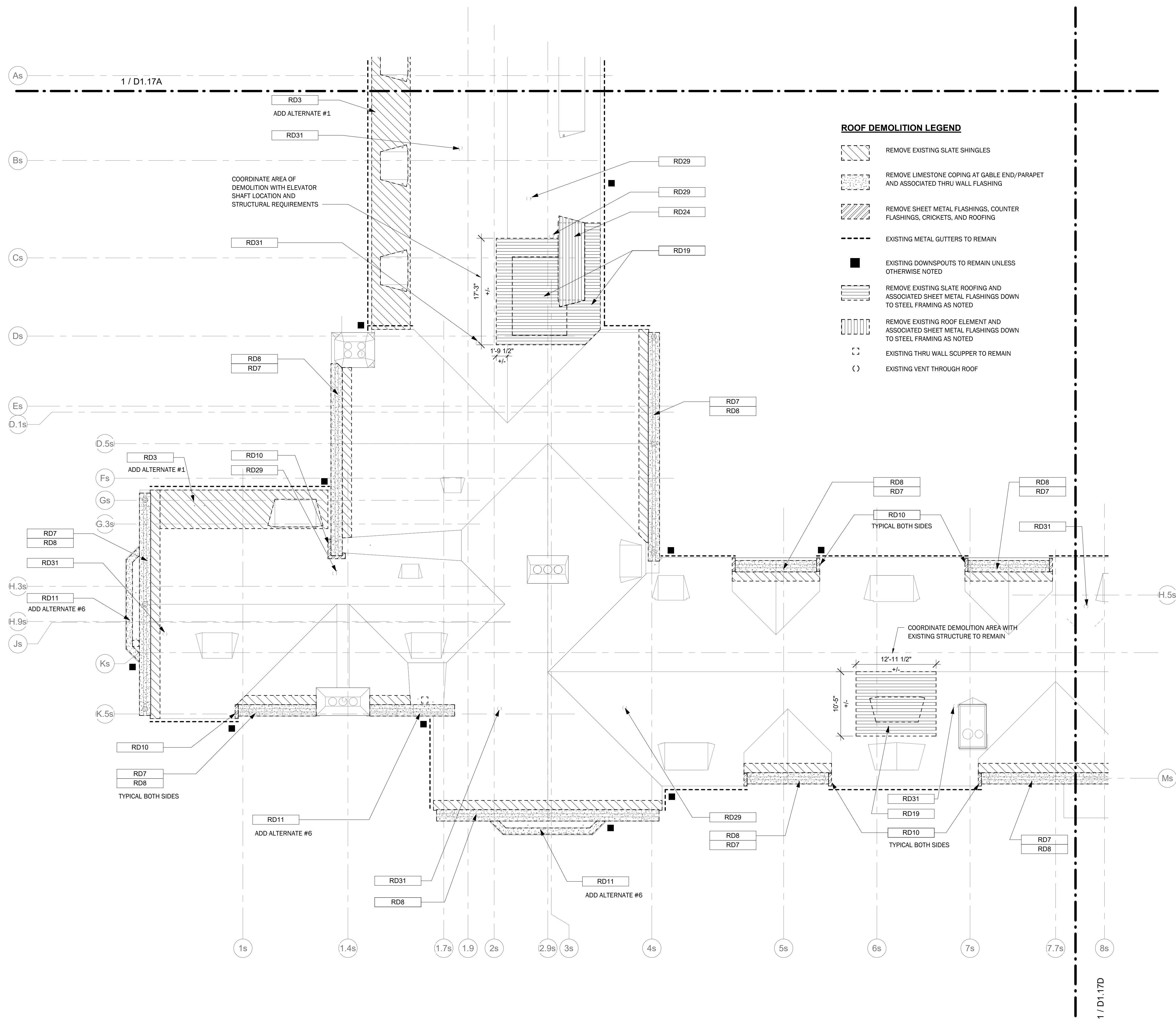
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1 ROOF DEMOLITION - B  
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- ROOF DEMOLITION LEGEND**
- REMOVE EXISTING SLATE SHINGLES
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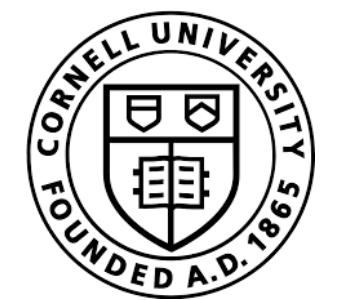
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| ROOF DEMOLITION KEYNOTE LEGEND |                                                                                                                                                                                                                                             |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RD2                            | REMOVE METAL HANGING GUTTER                                                                                                                                                                                                                 |
| RD3                            | CAREFULLY REMOVE SLATE SHINGLES AND STORE FOR REINSTALLATION                                                                                                                                                                                |
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| RD8                            | REMOVE THRU-WALL FLASHING AT GABLE END                                                                                                                                                                                                      |
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| RD24                           | REMOVE EXISTING DORMER AND ALL ASSOCIATED METAL FLASHING DOWN TO EXISTING STEEL FRAMING. COORDINATE WITH STRUCTURAL                                                                                                                         |
| RD29                           | REMOVE VENT PIPE. PROTECT EXISTING OPENING TO REMAIN                                                                                                                                                                                        |
| RD31                           | EXISTING VENT PIPE TO REMAIN, ABANDON IN PLACE                                                                                                                                                                                              |



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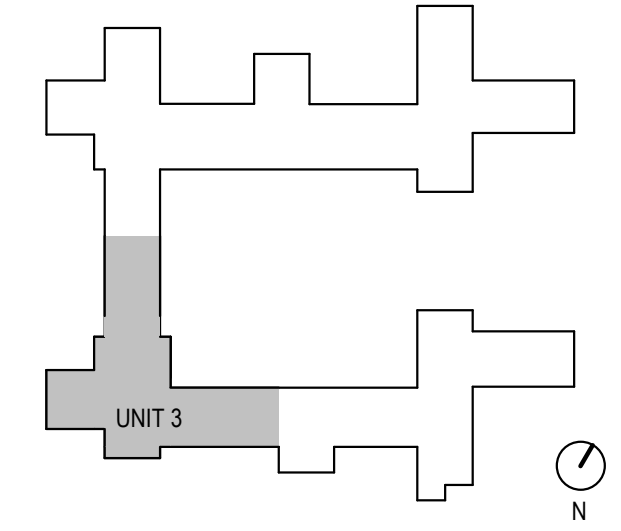
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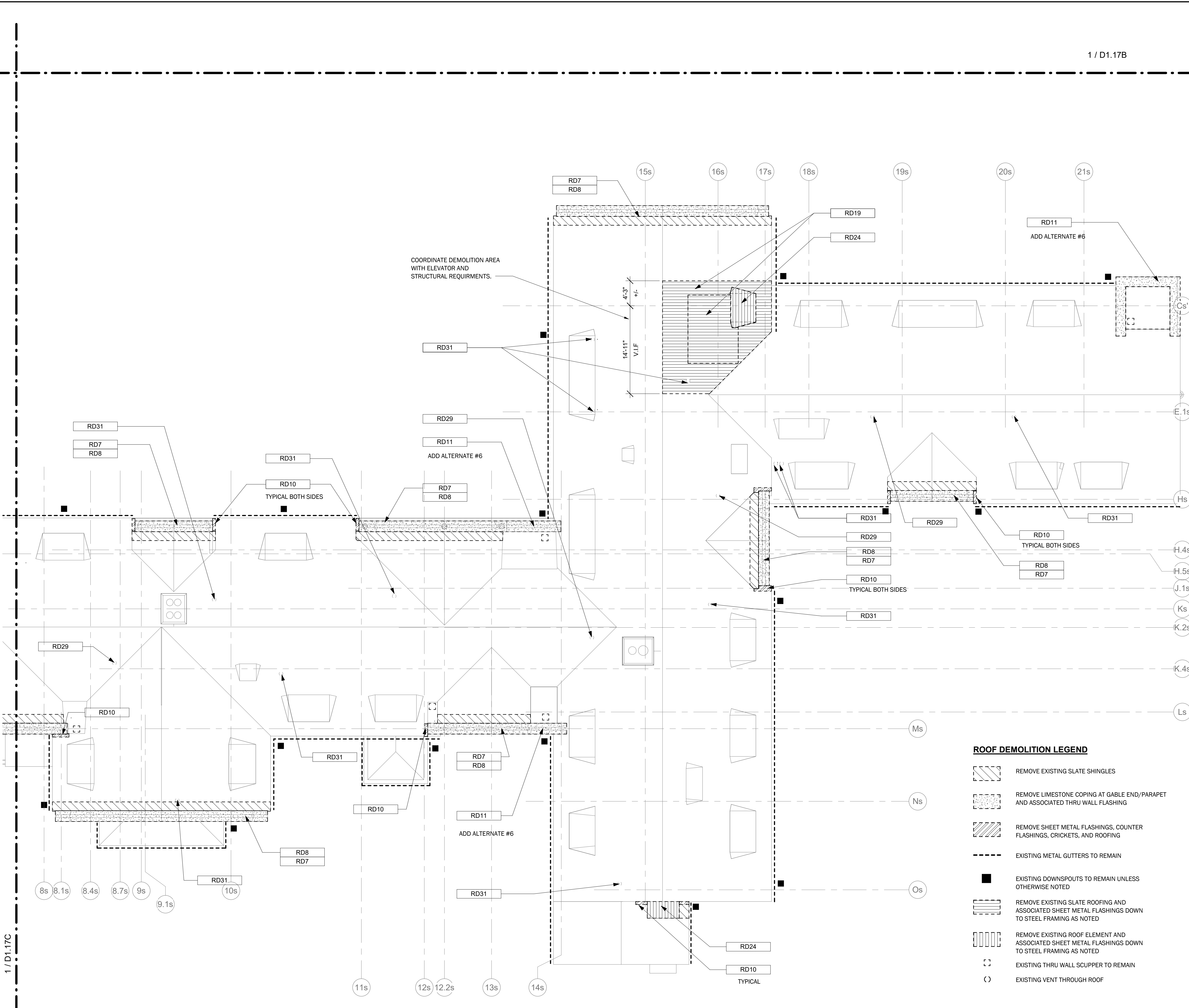
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1 ROOF DEMOLITION - C  
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**ROOF DEMOLITION GENERAL NOTES**

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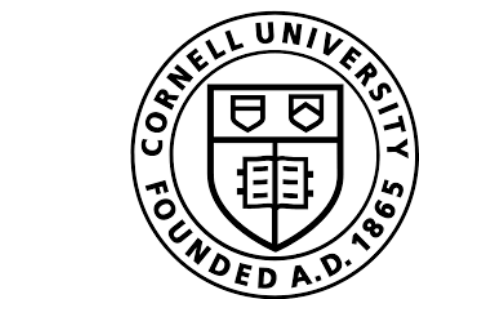
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**ROOF DEMOLITION KEYNOTE LEGEND**

|      |                                                                                                                                                                                                                                             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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| RD3A | CAREFULLY REMOVE SLATE SHINGLES ADJACENT TO GUTTER REMOVAL AND STORE FOR REINSTALLATION                                                                                                                                                     |
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**ROOF DEMOLITION LEGEND**

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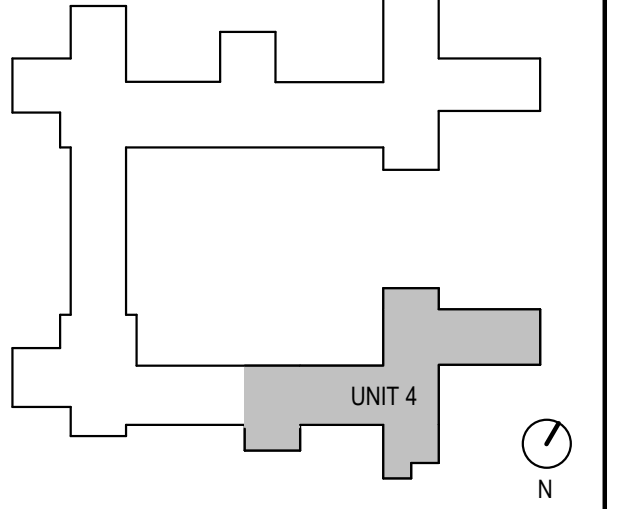
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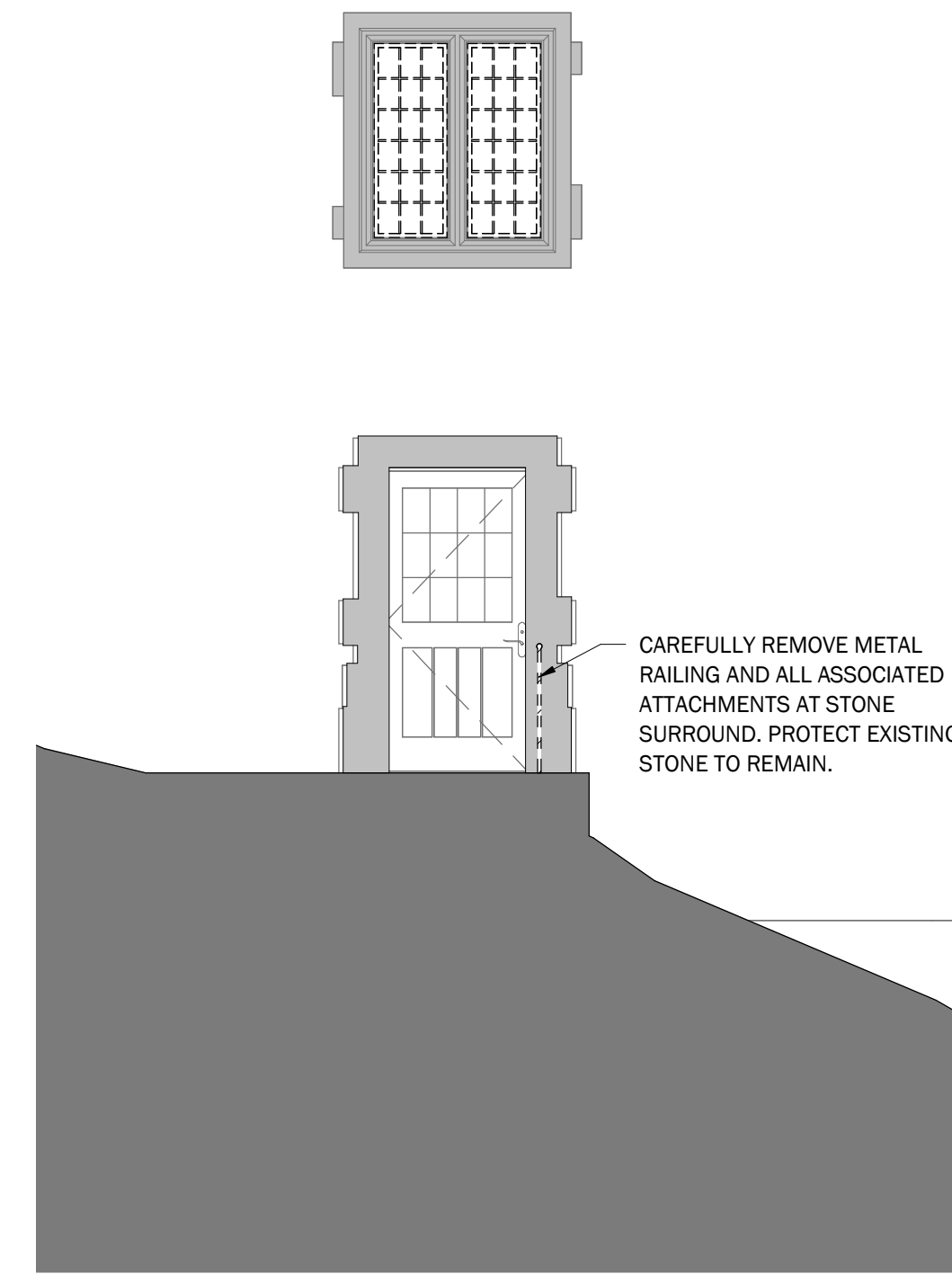
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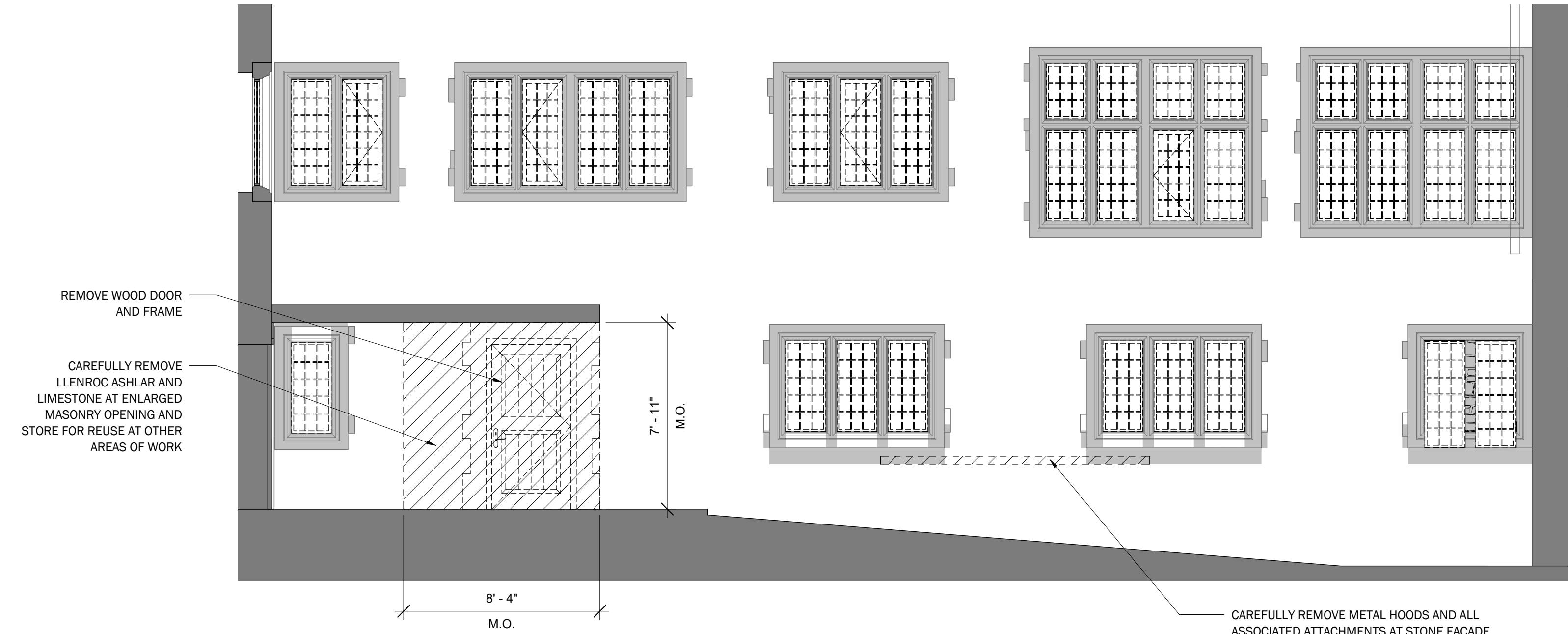
1 ROOF DEMOLITION - D  
D1.17D Scale: 1/8" = 1'-0"

**GENERAL DEMOLITION ELEVATION NOTES**

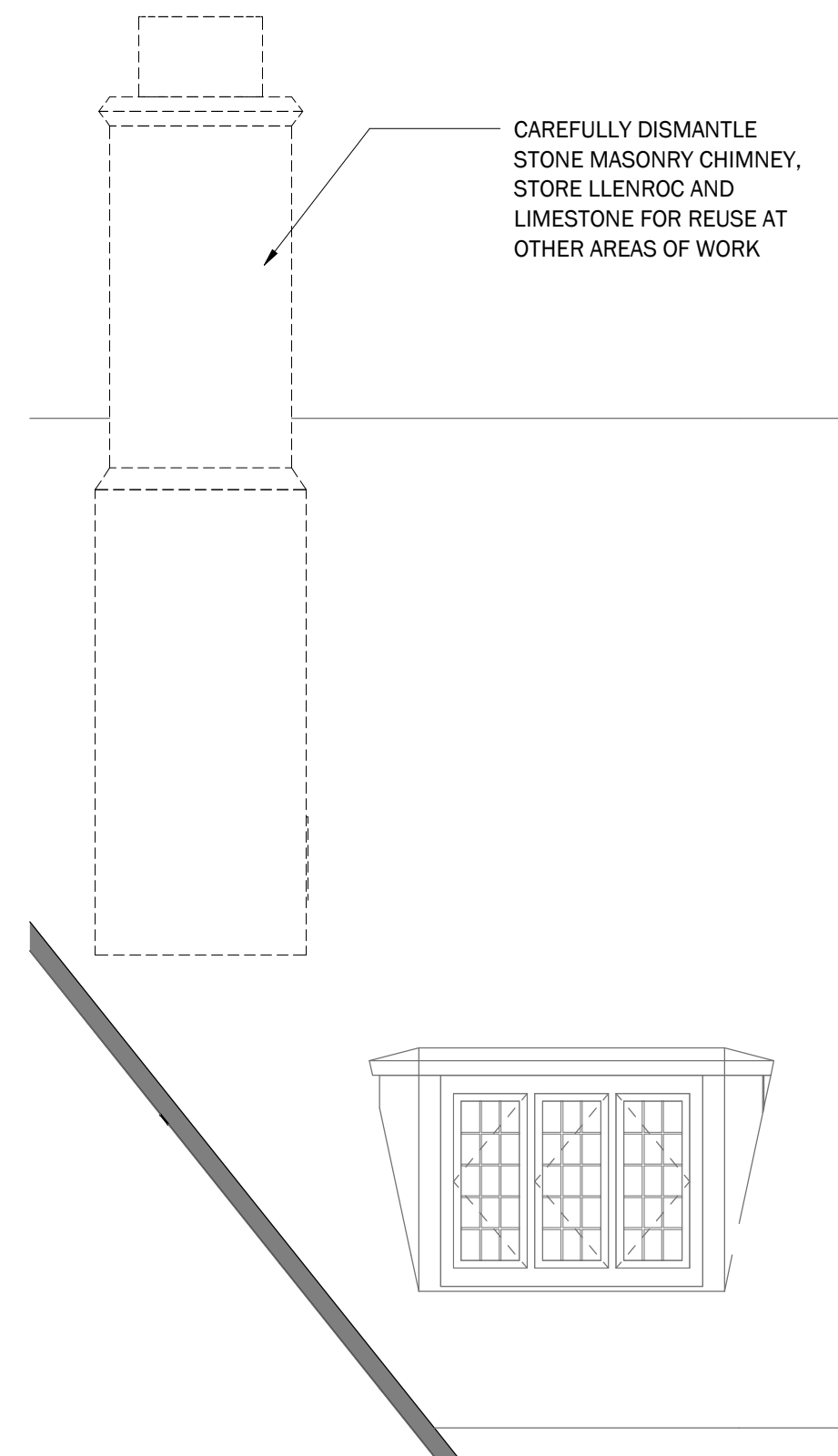
1. REFER TO ARCHITECTURAL SITE ELEMENTS SHEET A0.01 AND ENLARGED ELEVATIONS (A2.10 SERIES) FOR SCOPE OF WORK.



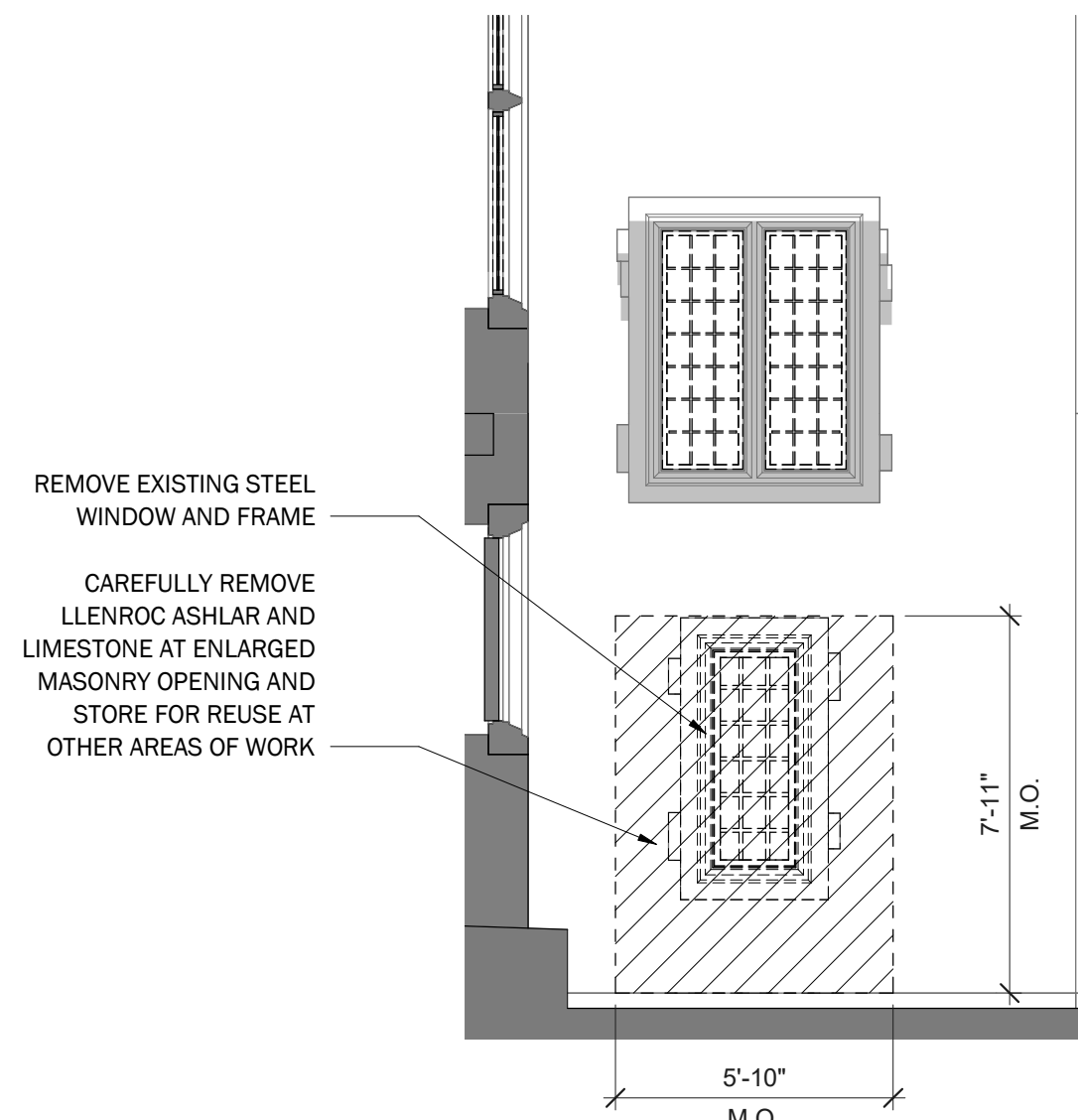
5 NORTH BALCH ELEVATION 18 - DEMOLITION  
D2.10 Scale: 1/4" = 1'-0"



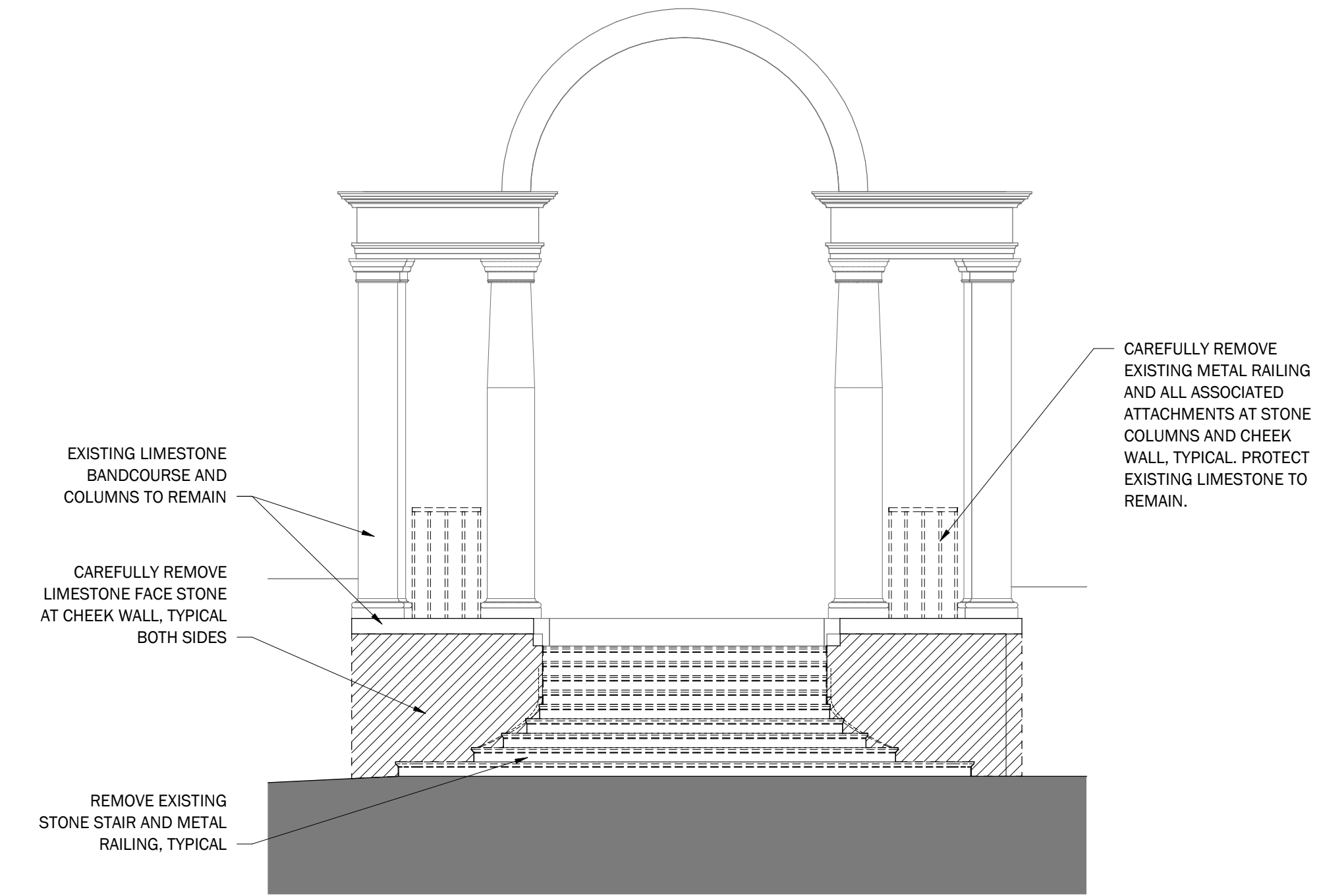
4 NORTH BALCH ELEVATION 10 - DEMOLITION  
D2.10 Scale: 1/4" = 1'-0"



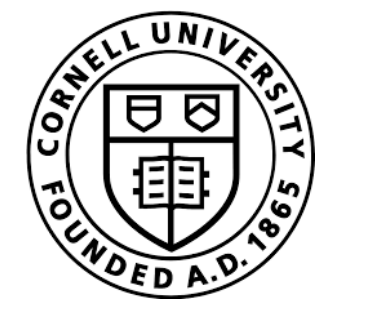
3 NORTH BALCH ELEVATION 10 - CHIMNEY DEMO  
D2.10 Scale: 1/4" = 1'-0"



2 NORTH BALCH ELEVATION 09 - DEMOLITION  
D2.10 Scale: 1/4" = 1'-0"



1 MAIN FACADE ELEVATION 03 - DEMOLITION  
D2.10 Scale: 1/4" = 1'-0"



**BALCH HALL RENOVATION**

Cornell University

600 Thurston Avenue  
Ithaca, New York 14853

**GOODYCLANCY**

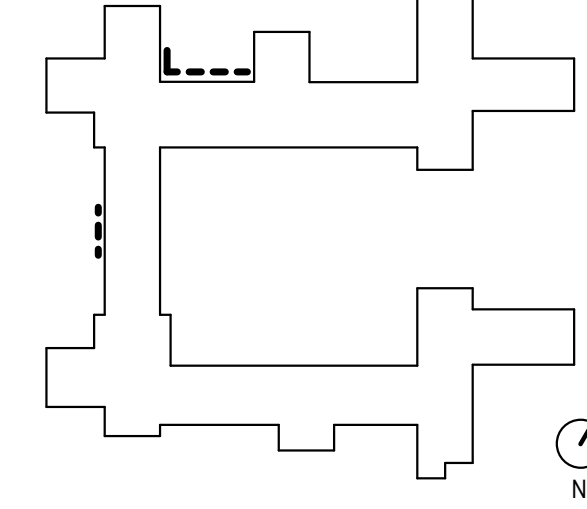
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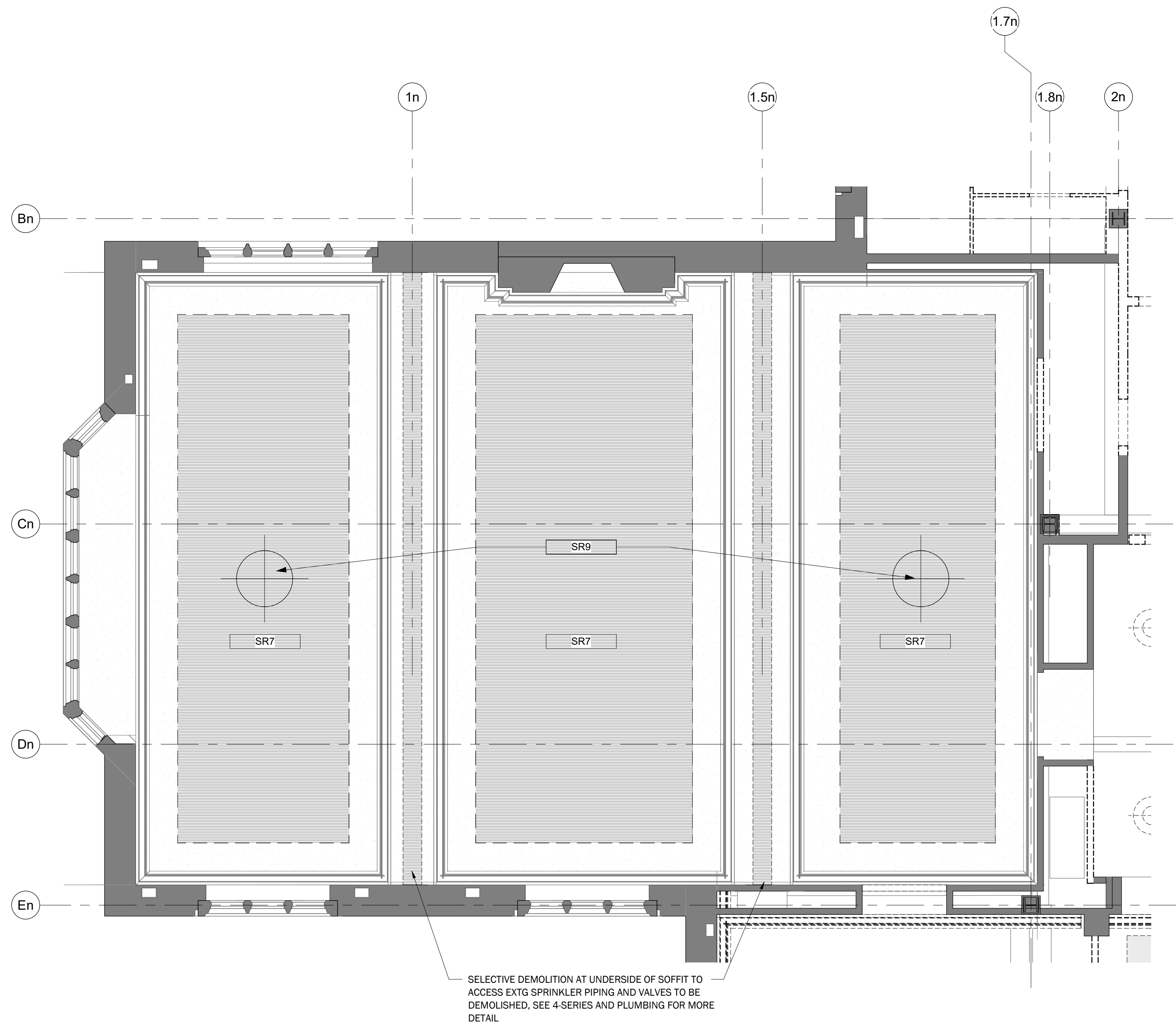
**ENLARGED DEMOLITION ELEVATIONS**

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**D2.10**





**1** UNIT 1 HISTORIC LOUNGE DEMO RCP  
**D4.00** Scale: 1/4" = 1'-0"

**CEILING DEMOLITION GENERAL NOTES**

- CONSTRUCTION MANAGER IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, BOTH PRIOR TO DEMOLITION AND UPON COMPLETION OF DEMOLITION, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- PROTECT THE EXISTING BUILDING ELEMENTS SCHEDULED TO REMAIN. REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 02 "SELECTIVE DEMOLITION" FOR ADDITIONAL PROTECTION REQUIREMENTS. THE CONSTRUCTION MANAGER IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO EXISTING MATERIALS DURING DEMOLITION OR CONSTRUCTION TO MATCH ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER; SUCH REPAIR AND REPLACEMENT BEING ADDITIONAL IS SUBJECT TO ARCHITECT'S APPROVAL AND THE CONSTRUCTION MANAGER'S WRITTEN PROPOSAL FOR SUCH WORK.
- CONSTRUCTION MANAGER IS RESPONSIBLE FOR FILED VERIFICATION OF ALL ELEMENTS TO BE SALVAGED INCLUDING BUT NOT LIMITED TO LIGHTING FIXTURES, FIRE ALARM DEVICES, ELECTRICAL DEVICES, PROJECTORS, AND PROJECTOR SCREENS.
- REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 01 SECTION "CONSTRUCTION WASTE MANAGEMENT" FOR REQUIREMENTS AFFECTING SORTING, SEPARATION, DISPOSAL, OR RECYCLING OF DEMOLISHED MATERIALS.
- REFER TO MEP & FP DRAWINGS FOR EXTENT AND LOCATION OF EXISTING SERVICES DEMOLITION. CUT AND PATCH FINISHES AS REQUIRED FOR ACCESS.
- NOTIFY ARCHITECT IF ADDITIONAL CUTTING AND PATCHING IS REQUIRED TO ACCESS ITEMS INDICATED FOR DEMOLITION OR INSTALLATION OF NEW SYSTEMS.
- SALVAGE ALL HISTORIC LIGHT FIXTURES AND OTHER HISTORIC ITEMS AS SHOWN.
- SEE EXTERIOR ELEVATIONS FOR WINDOW REMOVAL AND REPLACEMENT INFORMATION.
- REFER TO SALVAGE SCHEDULE FOR ADDITIONAL ELEMENTS TO BE SALVAGED FOR REINSTALLATION OR TO TURNED OVER TO THE OWNER.
- PROTECT AND REUSE CEILING AND SOFFIT FRAMING TO THE GREATEST EXTENT POSSIBLE.

**DEFINITIONS**

- DEMOLISH:** REMOVE EXISTING ELEMENT(S) AND DISCARD; ELEMENT IS NOT TO REMAIN AS PART OF THE COMPLETED WORK; SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING MATERIALS WASTE HANDLING AND RECYCLING.
- REMOVE:** ELEMENT WILL NOT REMAIN AS PART OF THE COMPLETED WORK; SALVAGE AS A COMPLETE BUILDING ELEMENT INTENDED FOR RECYCLING/REUSE AS DIRECTED BY OWNER.
- SALVAGE:** CAREFULLY REMOVE EXISTING ELEMENT(S) OR ASSEMBLY WITHOUT DAMAGE; ELEMENT IS TO REMAIN AS PART OF THE COMPLETED WORK AND MUST BE REINSTALLED. CONTRACTOR TO TAG AND LABEL SALVAGED ELEMENTS TO ENSURE REINSTALLATION IN ORIGINAL LOCATION.

**DEMOLITION LEGEND**

- PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
- PROTECT EXISTING STAIR ELEMENTS AND FINISHES
- CEILING AREA TO BE DEMOLISHED
- AREA OF SELECTIVE DEMOLITION
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- CREATE OPENING IN EXISTING WALL

**RCP LEGEND**

- GWB
- ACOUSTICAL GWB
- 2X4' ACT
- 2X2' ACT
- EXISTING TO REMAIN
- RECESSED LED DOWNLIGHT AND RETROFIT DOWNLIGHT
- SURFACE MOUNTED APERTURE LED CYLINDER DOWNLIGHT
- RECESSED LED ACCENT LIGHT AND RETROFIT ADJUSTABLE DOWNLIGHT
- WALL MOUNTED LED SCOCNE
- RECESSED LINEAR LED DOWNLIGHT AND PERIMETER LIGHTING
- RECESSED LINEAR LED WALLWASHER
- SURFACE MOUNTED FULL LENGTH ILLUMINATED MIRROR
- LED LINEAR TAPE LIGHT
- SURFACE MOUNTED LED DOWNLIGHT
- DECORATIVE LUMINAIRES, INCLUDING EXISTING TO BE REFURBISHED

**OWNER SALVAGE SCHEDULE**

CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.

**ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**

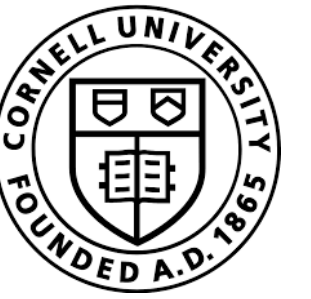
- FIRE ALARM PANELS - WITHIN EACH UNIT AND MAIN PANELS
- FIRE ALARM HORN STROBES
- FIRE EXTINGUISHERS
- SELECT FURNITURE - CORNELL TO IDENTIFY
- ALL WAP DEVICES
- AV EQUIPMENT

**ITEMS TO BE SALVAGED FOR REUSE IN BALCH:**

- BEDROOM ENTRY DOOR PANELS
- SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
- RESIDENT MAILBOXES

**SELECTIVE REMOVAL KEYNOTE LEGEND**

|      |                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR1  | DEMOLISH ALL MILLWORK AT WINDOWS AS REQUIRED FOR DEMOLITION OF EXISTING RADIATORS AND ASSOCIATED PIPING.                                               |
| SR2  | DEMOLISH PORTION OF EXISTING WALL TO CREATE NEW DOOR OPENING. REMOVE AND SALVAGE ANY ASSOCIATED WOOD PANELING FOR REUSE.                               |
| SR3  | DEMOLISH EXISTING PLEXIGLASS FIREPLACE ENCLOSURE.                                                                                                      |
| SR4  | DEMOLISH PORTION OF EXISTING WALL AT STEAM PIPE CHASE AS REQUIRED TO DEMOLISH PIPING. TYPICAL AT ALL CHASES. REFER TO MEP DRAWINGS FOR EXTENT OF WORK. |
| SR5  | DEMOLISH PORTION OF EXISTING WALL AS REQUIRED TO REMOVE EXISTING ELECTRICAL AND LOW VOLTAGE DEVICES AND CONDUIT. REFER TO ELECTRICAL AND IT DRAWINGS.  |
| SR6  | REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. EXISTING FRAMED OPENING TO REMAIN AS IS.                                                                |
| SR7  | DEMOLISH PORTION OF EXISTING CEILING AND LIGHT FIXTURES. REMOVE AND SALVAGE ALL LIGHT FIXTURES.                                                        |
| SR8  | DEMOLISH TOP +/- 2'-5" OF TUNNEL WALL WITHIN AREA OF NEW SLAB ABOVE.                                                                                   |
| SR9  | REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE                                                                                                    |
| SR10 | FRAME OPENING FOR NEW ELEVATOR AND DEMOLISH EXISTING SLAB WITHIN FOOTPRINT. REFER TO STRUCTURAL DRAWINGS.                                              |
| SR11 | EXISTING WINDOWS TO BE REMOVED AT WINDOW WELLS                                                                                                         |
| SR12 | REMOVE EXISTING ELEVATOR. REMOVE EXISTING SHAFT WALLS.                                                                                                 |
| SR13 | DORMER END WALLS TO REMAIN, DEMO KNEE WALLS BETWEEN DORMERS, TYPICAL ALL DORMERS U.A.O.                                                                |
| SR14 | REMOVE EXISTING WALL MOUNTED HANDRAIL AND ASSOCIATED MOUNTING HARDWARE AT ALL RUNS, INTERMEDIATE LANDINGS, AND LEVEL LANDINGS.                         |



**BALCH HALL RENOVATION**

**Cornell University**

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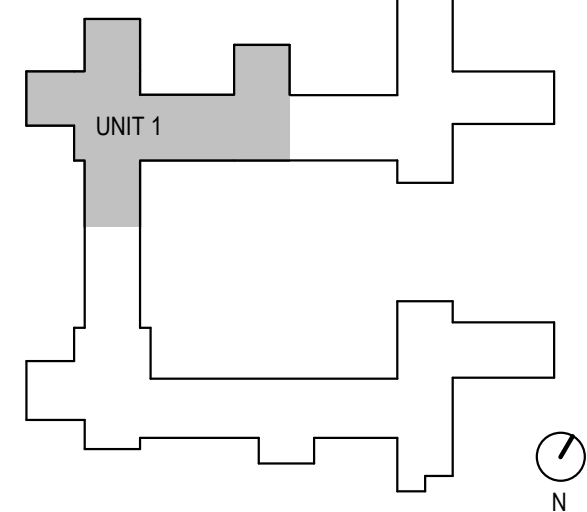
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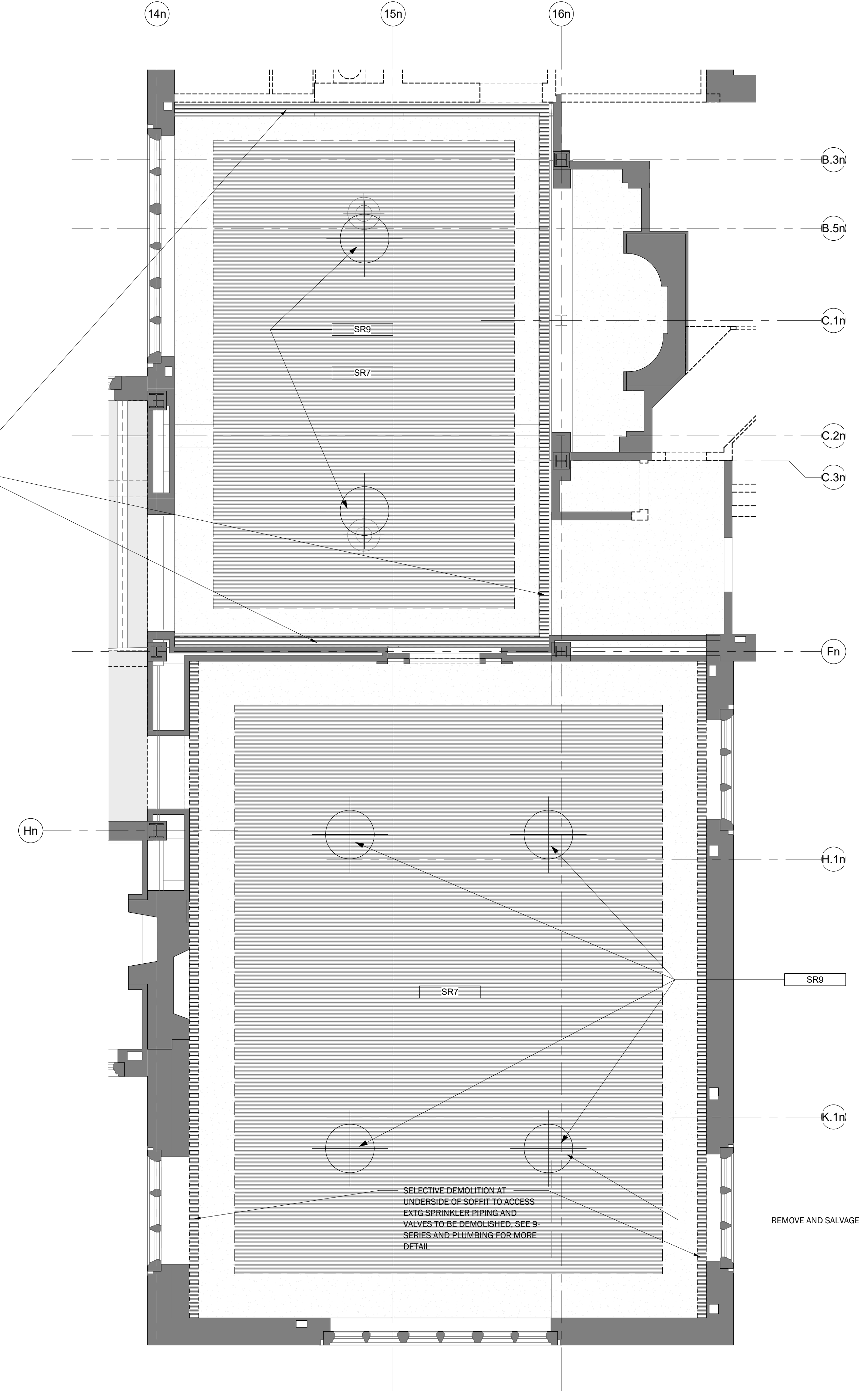
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**HISTORIC LOUNGES ENLARGED SELECTIVE REMOVAL RCPS**

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**CEILING DEMOLITION GENERAL NOTES**

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**DEFINITIONS**

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**DEMOLITION LEGEND**

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- PROTECT EXISTING STAIR ELEMENTS AND FINISHES
- CEILING AREA TO BE DEMOLISHED
- AREA OF SELECTIVE DEMOLITION
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- CREATE OPENING IN EXISTING WALL

**RCP LEGEND**

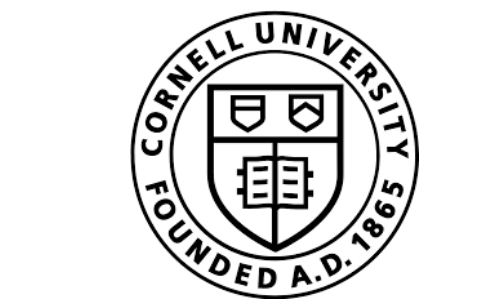
- GWB
- ACOUSTICAL GWB
- 2X4' ACT
- 2X2' ACT
- EXISTING TO REMAIN
- RECESSED LED DOWNLIGHT AND RETROFIT DOWNLIGHT
- SURFACE MOUNTED APERTURE LED CYLINDER DOWNLIGHT
- RECESSED LED ACCENT LIGHT AND RETROFIT ADJUSTABLE DOWNLIGHT
- WALL MOUNTED LED SCOFF
- RECESSED LINEAR LED DOWNLIGHT AND PERIMETER LIGHTING
- RECESSED LINEAR LED WALLWASHER
- SURFACE MOUNTED FULL LENGTH ILLUMINATED MIRROR
- LED LINEAR TAPE LIGHT
- SURFACE MOUNTED LED DOWNLIGHT
- DECORATIVE LUMINAIRES, INCLUDING EXISTING TO BE REFURBISHED

**OWNER SALVAGE SCHEDULE**

- CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.
- ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**
- FIRE ALARM PANELS - WITHIN EACH UNIT AND MAIN PANELS
  - FIRE ALARM HORN STROBES
  - FIRE EXTINGUISHERS
  - SELECT FURNITURE - CORNELL TO IDENTIFY
  - ALL WAP DEVICES
  - AV EQUIPMENT
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  - SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
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**SELECTIVE REMOVAL KEYNOTE LEGEND**

|      |                                                                                                                                                        |
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**BALCH HALL RENOVATION**

**Cornell University**

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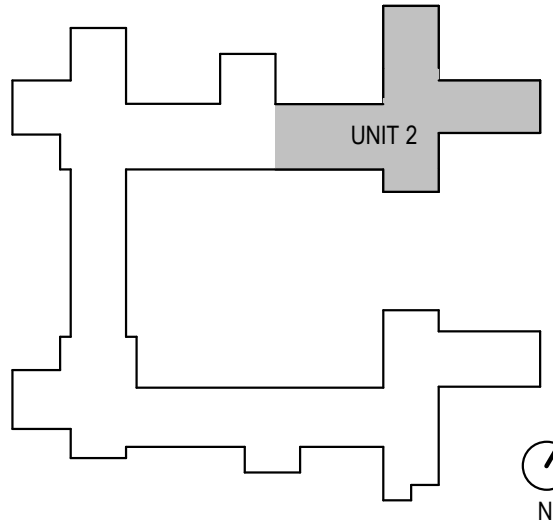
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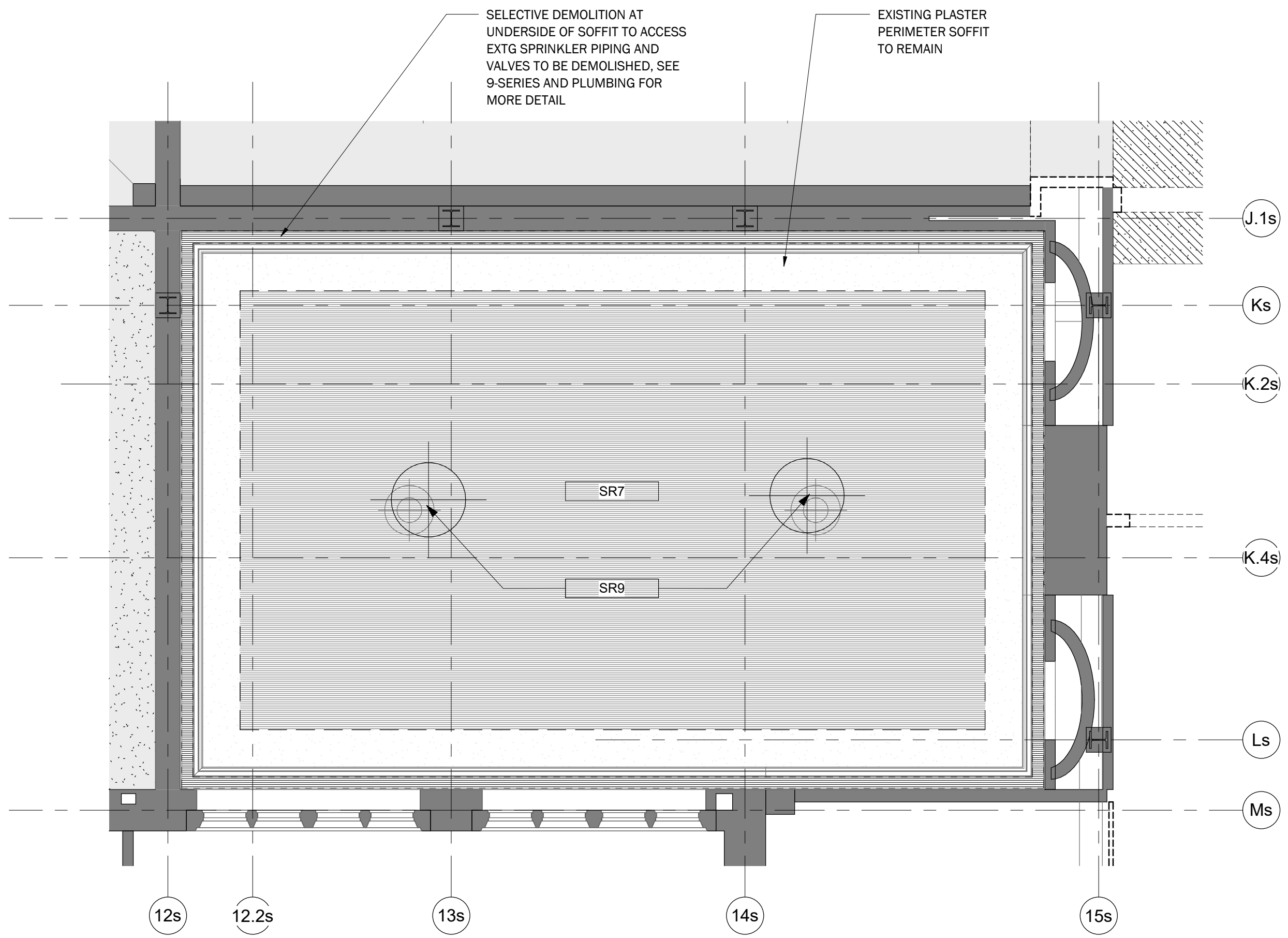
**HISTORIC LOUNGES ENLARGED SELECTIVE REMOVAL RCPS**

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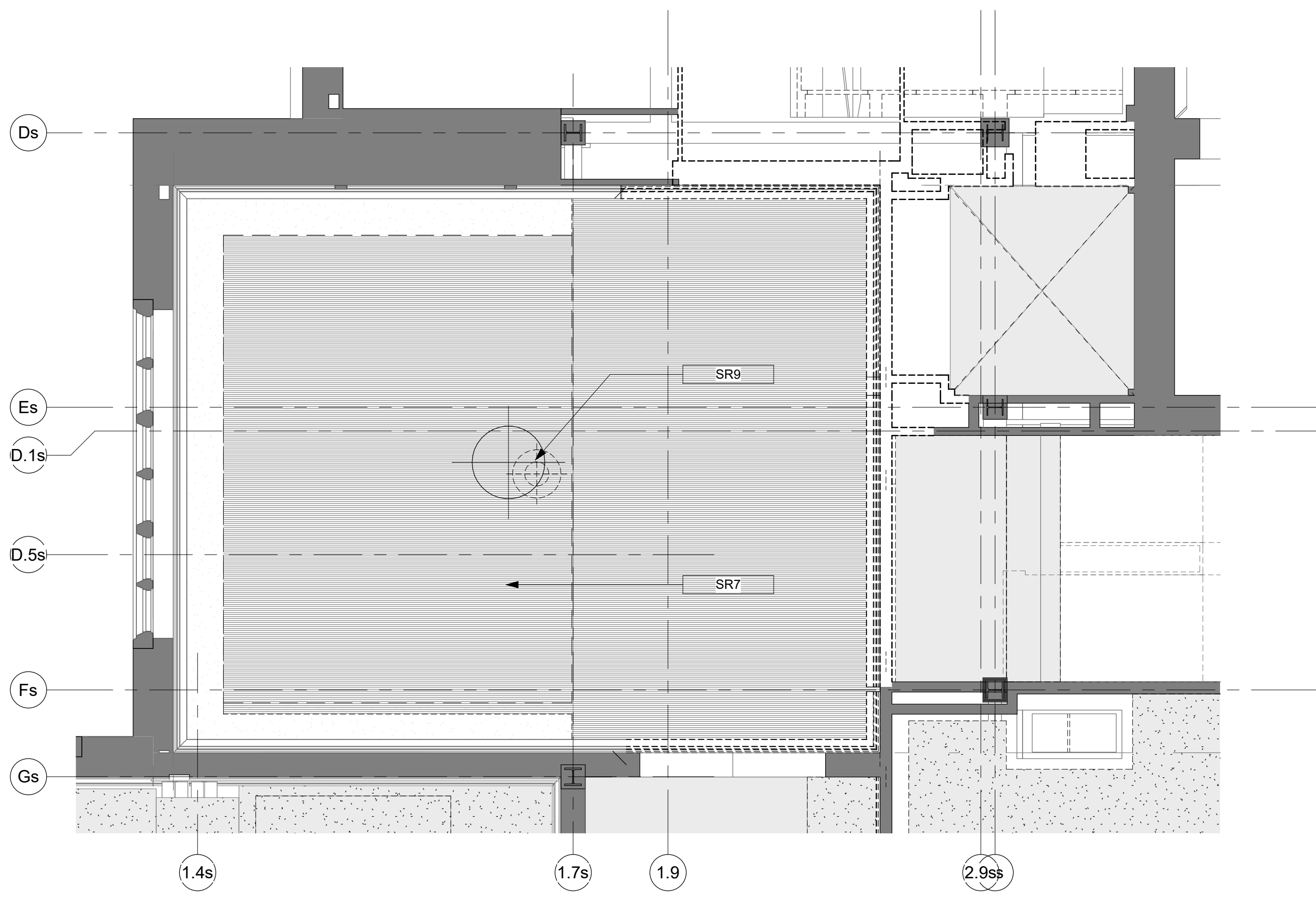
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**D4.01**

1 UNIT 2 HISTORIC LOUNGE DEMO RCP  
D4.01 Scale: 1/4" = 1'-0"



2 UNIT 4 HISTORIC LOUNGE DEMO RCP  
Scale: 1/4" = 1'-0"



1 UNIT 3 HISTORIC LOUNGE DEMO RCP  
Scale: 1/4" = 1'-0"

### CEILING DEMOLITION GENERAL NOTES

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### DEMOLITION LEGEND

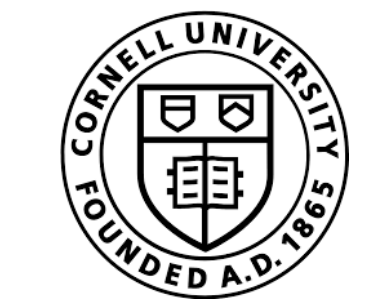
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  - SURFACE MOUNTED FULL LENGTH ILLUMINATED MIRROR
  - LED LINEAR TAPE LIGHT
  - SURFACE MOUNTED LED DOWNLIGHT
  - DECORATIVE LUMINAIRES, INCLUDING EXISTING TO BE REFURBISHED

### OWNER SALVAGE SCHEDULE

- CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.
- ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**
- FIRE ALARM PANELS - WITHIN EACH UNIT AND MAIN PANELS
  - FIRE ALARM HORN STROBES
  - FIRE EXTINGUISHERS
  - SELECT FURNITURE - CORNELL TO IDENTIFY
  - ALL WAP DEVICES
  - AV EQUIPMENT
- ITEMS TO BE SALVAGED FOR REUSE IN BALCH:**
- BEDROOM ENTRY DOOR PANELS
  - SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
  - RESIDENT MAILBOXES

### SELECTIVE REMOVAL KEYNOTE LEGEND

| Keynote | Description                                                                                                                                            |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR1     | DEMOLISH ALL MILLWORK AT WINDOWS AS REQUIRED FOR DEMOLITION OF EXISTING RADIATORS AND ASSOCIATED PIPING.                                               |
| SR2     | DEMOLISH PORTION OF EXISTING WALL TO CREATE NEW DOOR OPENING. REMOVE AND SALVAGE ANY ASSOCIATED WOOD PANELING FOR REUSE.                               |
| SR3     | DEMOLISH EXISTING PLEXIGLASS FIREPLACE ENCLOSURE.                                                                                                      |
| SR4     | DEMOLISH PORTION OF EXISTING WALL AT STEAM PIPE CHASE AS REQUIRED TO DEMOLISH PIPING. TYPICAL AT ALL CHASES. REFER TO MEP DRAWINGS FOR EXTENT OF WORK. |
| SR5     | DEMOLISH PORTION OF EXISTING WALL AS REQUIRED TO REMOVE EXISTING ELECTRICAL AND LOW VOLTAGE DEVICES AND CONDUIT. REFER TO ELECTRICAL AND IT DRAWINGS.  |
| SR6     | REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. EXISTING FRAMED OPENING TO REMAIN AS IS.                                                                |
| SR7     | DEMOLISH PORTION OF EXISTING CEILING AND LIGHT FIXTURES. REMOVE AND SALVAGE ALL LIGHT FIXTURES.                                                        |
| SR8     | DEMOLISH TOP +/- 2'-0" OF TUNNEL WALL WITHIN AREA OF NEW SLAB ABOVE.                                                                                   |
| SR9     | REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE                                                                                                    |
| SR10    | FRAME OPENING FOR NEW ELEVATOR AND DEMOLISH EXISTING SLAB WITHIN FOOTPRINT. REFER TO STRUCTURAL DRAWINGS.                                              |
| SR11    | EXISTING WINDOWS TO BE REMOVED AT WINDOW WELLS                                                                                                         |
| SR12    | REMOVE EXISTING ELEVATOR. REMOVE EXISTING SHAFT WALLS.                                                                                                 |
| SR13    | DORMER END WALLS TO REMAIN, DEMO KNEE WALLS BETWEEN DORMERS, TYPICAL ALL DORMERS U.N.G.                                                                |
| SR14    | REMOVE EXISTING WALL MOUNTED HANDRAIL AND ASSOCIATED MOUNTING HARDWARE AT ALL RUNS, INTERMEDIATE LANDINGS, AND LEVEL LANDINGS.                         |



## BALCH HALL RENOVATION

### Cornell University

600 Thurston Avenue  
Ithaca, New York 14853

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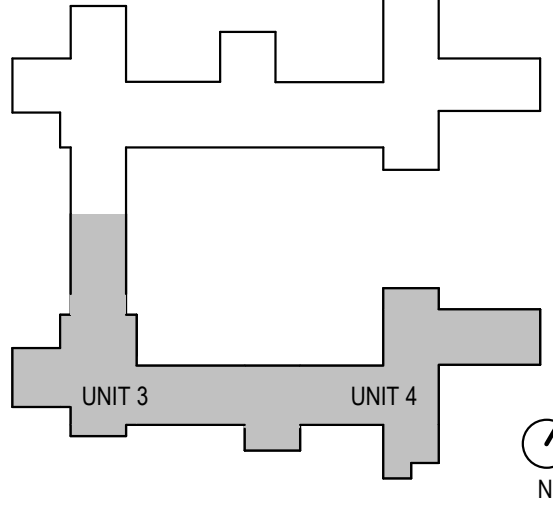
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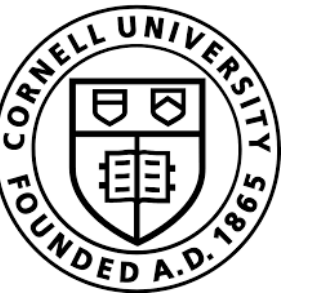
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# BALCH HALL RENOVATION

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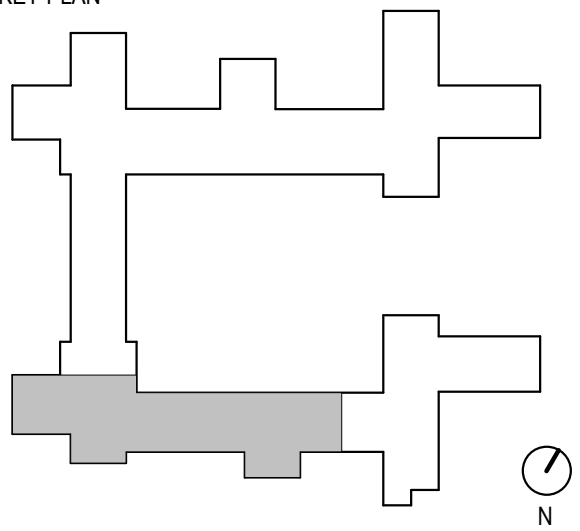
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### ISSUE TATKON DEMO PLAN

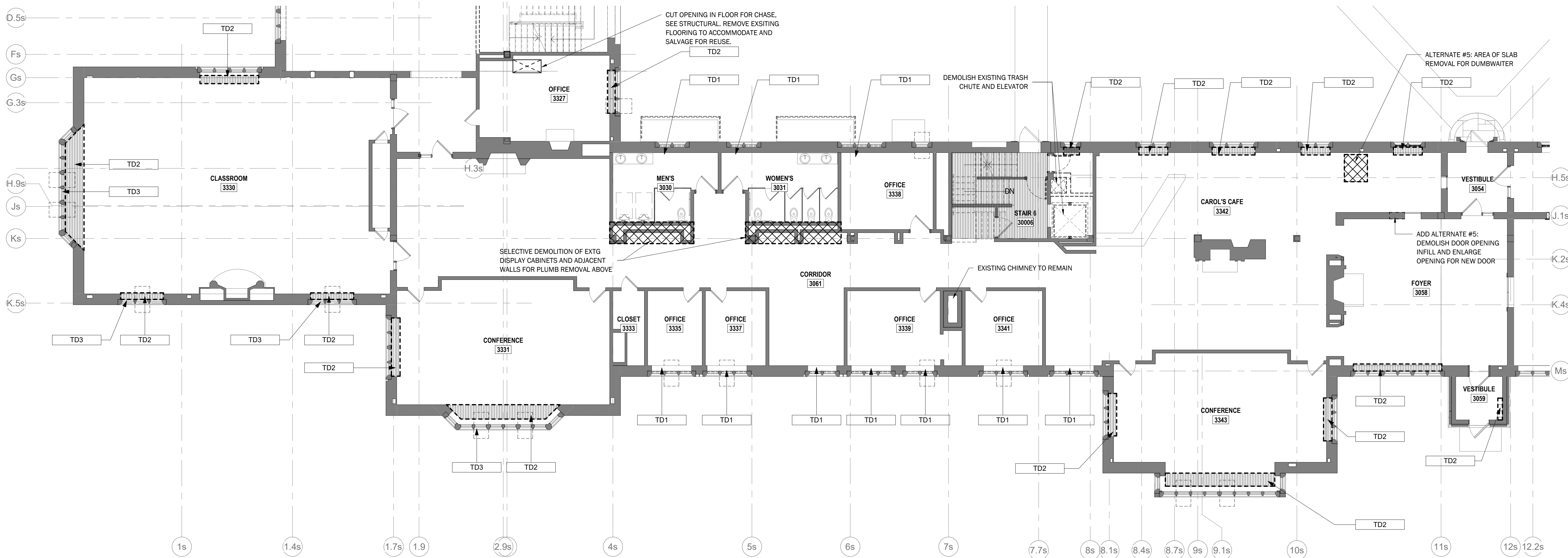
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# D4.03



1 TATKON DEMOLITION - THIRD FLOOR  
D4.03 Scale: 1/8" = 1'-0"

#### DEMOLITION GENERAL NOTES

- CONSTRUCTION MANAGER IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, BOTH PRIOR TO DEMOLITION AND UPON COMPLETION OF DEMOLITION, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- PROTECT THE EXISTING BUILDING ELEMENTS, FINISHES, AND CONSTRUCTIONS SCHEDULED TO REMAIN. THE CONSTRUCTION MANAGER IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO EXISTING MATERIALS DURING DEMOLITION OR CONSTRUCTION TO MATCH ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER; SUCH REPAIR AND REPLACEMENT BEING ADDITIONAL IS SUBJECT TO ARCHITECT'S APPROVAL AND THE CONSTRUCTION MANAGER'S WRITTEN PROPOSAL FOR SUCH WORK.
- CONSTRUCTION MANAGER IS RESPONSIBLE FOR FILED VERIFICATION OF ALL ELEMENTS TO BE SALVAGED INCLUDING BUT NOT LIMITED TO LIGHTING FIXTURES, FIRE ALARM DEVICES, ELECTRICAL DEVICES, PROJECTORS, AND PROJECTOR SCREENS.
- REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 01 SECTION "CONSTRUCTION WASTE MANAGEMENT" FOR REQUIREMENTS AFFECTING SORTING, SEPARATION, DISPOSAL, OR RECYCLING OF DEMOLISHED MATERIALS.
- REFER TO MEP & FP DRAWINGS FOR EXTENT AND LOCATION OF EXISTING SERVICES DEMOLITION. CUT AND PATCH FINISHES AS REQUIRED FOR ACCESS.
- NOTIFY ARCHITECT IF ADDITIONAL CUTTING AND PATCHING IS REQUIRED TO ACCESS ITEMS INDICATED FOR DEMOLITION OR INSTALLATION OF NEW SYSTEMS.
- SEE EXTERIOR ELEVATIONS FOR WINDOW REMOVAL AND REPLACEMENT INFORMATION.
- ALL UNUSED FLOOR AND WALL OPENINGS, WHETHER NEW OR EXISTING, SHALL BE INFILLED. ALL FLOOR OPENINGS MUST MEET FIRE RATINGS INDICATED ON LIFE SAFETY DRAWINGS. WALL OPENINGS, WHEN OCCURRING IN RATED WALLS INDICATED ON THE LIFE SAFETY DRAWINGS, MUST MEET RATING REQUIREMENTS.
- PROTECT AND REUSE CEILING AND SOFFIT FRAMING TO THE GREATEST EXTENT POSSIBLE.

#### DEFINITIONS

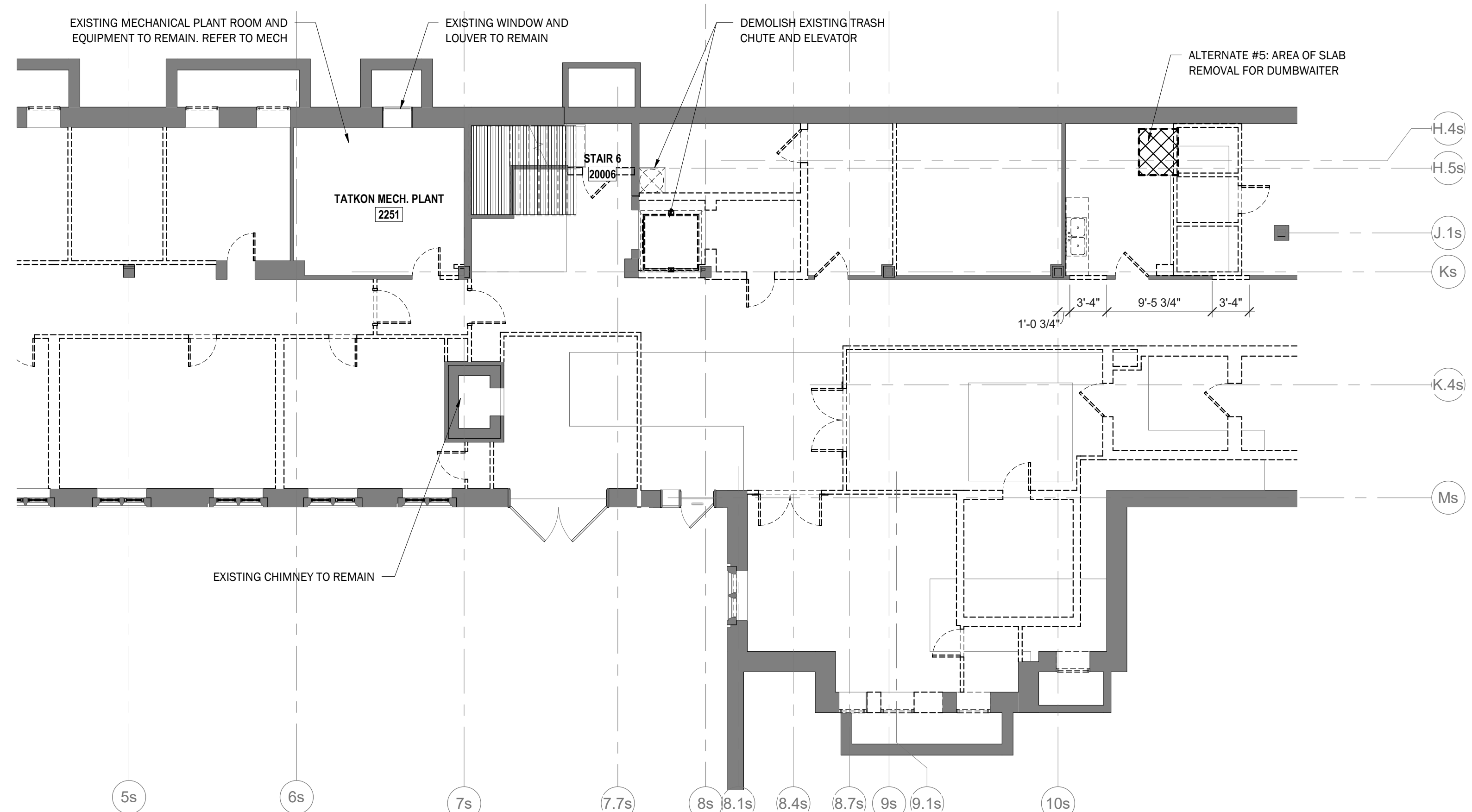
- DEMOLISH:** REMOVE EXISTING ELEMENT(S) AND DISCARD; ELEMENT IS NOT TO REMAIN AS PART OF THE COMPLETED WORK; SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING MATERIALS WASTE HANDLING AND RECYCLING.
- REMOVE:** ELEMENT WILL NOT REMAIN AS PART OF THE COMPLETED WORK; SALVAGE AS A COMPLETE BUILDING ELEMENT INTENDED FOR RECYCLING/REUSE AS DIRECTED BY OWNER.
- SALVAGE:** CAREFULLY REMOVE EXISTING ELEMENT(S) OR ASSEMBLY WITHOUT DAMAGE; ELEMENT IS TO REMAIN AS PART OF THE COMPLETED WORK AND MUST BE REINSTALLED. CONTRACTOR TO TAG AND LABEL SALVAGED ELEMENTS TO ENSURE REINSTALLATION IN ORIGINAL LOCATION.

#### DEMOLITION LEGEND

- REMOVE ARCHITECTURAL ENCLOSURE AS NEEDED TO ACCESS FOR HVAC WORK. SALVAGE FOR REINSTALLATION.
- AREA OF SELECTIVE DEMOLITION
- DEMOLITION OF GWB/ACT CEILING IN ENTIRETY
- PRESERVE AND PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- CREATE NEW OPENING IN EXISTING WALL
- EXISTING DOOR AND FRAME TO BE REMOVED
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

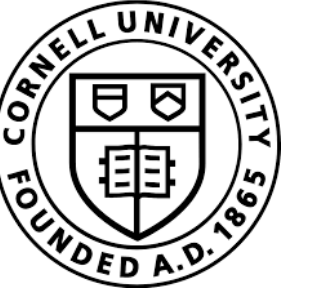
#### TATKON DEMO KEYNOTE LEGEND

|     |                                                                                                                                                                           |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TD1 | SELECTIVELY DEMOLISH PARTITIONS AND REMOVE FLOORING AS REQUIRED FOR ACCESS TO CONVECTORS AND ASSOCIATED PIPING.                                                           |
| TD2 | SELECTIVELY REMOVE WOOD PANELING AS REQUIRED FOR ACCESS TO PERIMETER RADIATOR UNITS AND ASSOCIATED PIPING. SALVAGE FOR REINSTALLATION.                                    |
| TD3 | REMOVE AND SALVAGE EXISTING WINDOW AIR CONDITIONER UNITS. REMOVE AND SALVAGE WINDOW SHADES FOR REINSTALLATION. REFER TO A2 AND A6 SERIES FOR SCOPE OF WINDOW RESTORATION. |
| TD4 | DEMOLISH CEILING, LIGHTING, AND ALL DEVICES IN ENTIRETY.                                                                                                                  |



2 TATKON DEMOLITION - SECOND FLOOR  
D4.03 Scale: 1/8" = 1'-0"





# BALCH HALL RENOVATION

Cornell University

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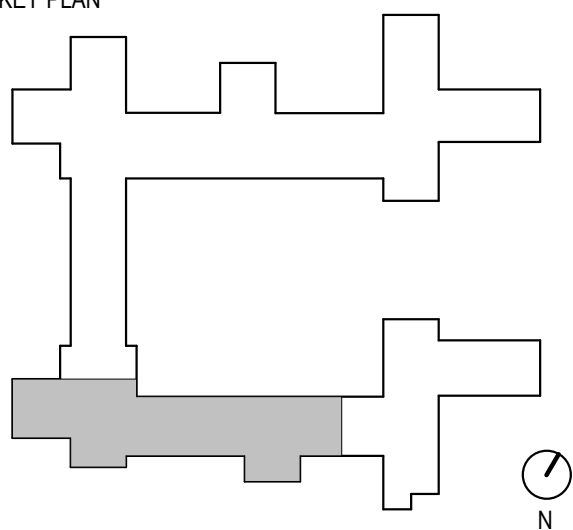
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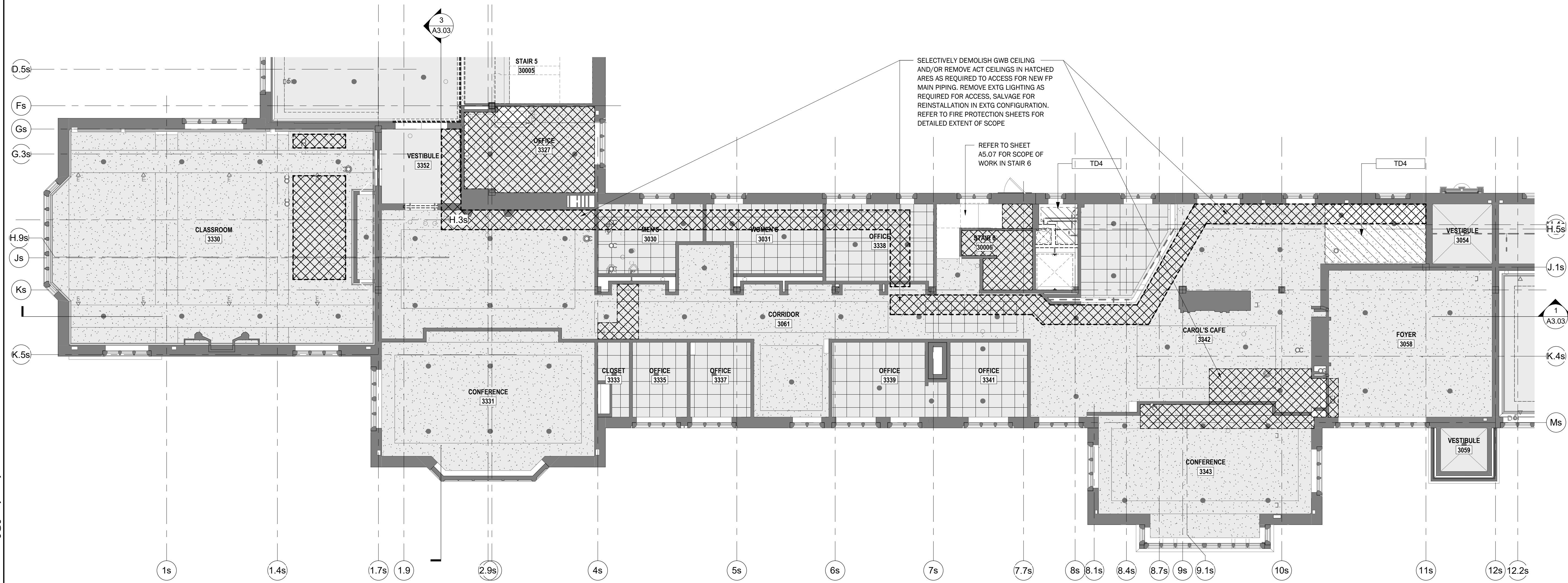
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SELECTIVELY DEMOLISH GWB CEILING AND/OR REMOVE ACT CEILINGS IN HATCHED AREAS AS REQUIRED TO ACCESS FOR NEW FP MAIN PIPING. REMOVE EXTG LIGHTING AS REQUIRED FOR ACCESS, SALVAGE FOR REINSTALLATION IN EXTG CONFIGURATION. REFER TO FIRE PROTECTION SHEETS FOR DETAILED EXTENT OF SCOPE

REFER TO SHEET A5.07 FOR SCOPE OF WORK IN STAIR 6

1 TATKON DEMO RCP - THIRD FLOOR  
D4.04 Scale: 1/8" = 1'-0"

### DEMOLITION GENERAL NOTES

- CONSTRUCTION MANAGER IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, BOTH PRIOR TO DEMOLITION AND UPON COMPLETION OF DEMOLITION, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
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- REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 01 SECTION "CONSTRUCTION WASTE MANAGEMENT" FOR REQUIREMENTS AFFECTING SORTING, SEPARATION, DISPOSAL, OR RECYCLING OF DEMOLISHED MATERIALS.
- REFER TO MEP & FP DRAWINGS FOR EXTENT AND LOCATION OF EXISTING SERVICES DEMOLITION. CUT AND PATCH FINISHES AS REQUIRED FOR ACCESS.
- NOTIFY ARCHITECT IF ADDITIONAL CUTTING AND PATCHING IS REQUIRED TO ACCESS ITEMS INDICATED FOR DEMOLITION OR INSTALLATION OF NEW SYSTEMS.
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### DEFINITIONS

- DEMOLISH:** REMOVE EXISTING ELEMENT(S) AND DISCARD; ELEMENT IS NOT TO REMAIN AS PART OF THE COMPLETED WORK; SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING MATERIALS WASTE HANDLING AND RECYCLING.
- REMOVE:** ELEMENT WILL NOT REMAIN AS PART OF THE COMPLETED WORK; SALVAGE AS A COMPLETE BUILDING ELEMENT INTENDED FOR RECYCLING/REUSE AS DIRECTED BY OWNER.
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### DEMOLITION LEGEND

- REMOVE ARCHITECTURAL ENCLOSURE AS NEEDED TO ACCESS FOR HVAC WORK. SALVAGE FOR REINSTALLATION.
- AREA OF SELECTIVE DEMOLITION
- DEMOLITION OF GWB/ACT CEILING IN ENTIRETY
- PRESERVE AND PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- CREATE NEW OPENING IN EXISTING WALL
- EXISTING DOOR AND FRAME TO BE REMOVED
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING WINDOW SASH TO BE REMOVED. LIMESTONE MULLIONS AND SURROUND TO REMAIN, PROTECT.

### RCP LEGEND

- GWB
- ACOUSTICAL GWB
- 2X4' ACT
- 2X2' ACT
- EXISTING TO REMAIN
- RECESSED LED DOWNLIGHT AND RETROFIT DOWNLIGHT
- SURFACE MOUNTED APERTURE LED CYLINDER DOWNLIGHT
- RECESSED LED ACCENT LIGHT AND RETROFIT ADJUSTABLE DOWNLIGHT
- WALL MOUNTED LED SCENCE
- RECESSED LINEAR LED DOWNLIGHT AND PERIMETER LIGHTING
- RECESSED LINEAR LED WALLWASHER
- SURFACE MOUNTED FULL LENGTH ILLUMINATED MIRROR
- LED LINEAR TAPE LIGHT
- SURFACE MOUNTED LED DOWNLIGHT
- DECORATIVE LUMINAIRES, INCLUDING EXISTING TO BE REFURBISHED
- SPRINKLER
- RETURN AIR GRILLE OR SUPPLY GRILLE

### TATKON DEMO KEYNOTE LEGEND

|     |                                                                                                                                                                           |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TD1 | SELECTIVELY DEMOLISH PARTITIONS AND REMOVE FLOORING AS REQUIRED FOR ACCESS TO CONVECTORS AND ASSOCIATED PIPING.                                                           |
| TD2 | SELECTIVELY REMOVE WOOD PANELING AS REQUIRED FOR ACCESS TO PERIMETER RADIATOR UNITS AND ASSOCIATED PIPING. SALVAGE FOR REINSTALLATION.                                    |
| TD3 | REMOVE AND SALVAGE EXISTING WINDOW AIR CONDITIONER UNITS. REMOVE AND SALVAGE WINDOW SHADES FOR REINSTALLATION. REFER TO A2 AND A6 SERIES FOR SCOPE OF WINDOW RESTORATION. |
| TD4 | DEMOLISH CEILING, LIGHTING, AND ALL DEVICES IN ENTIRETY.                                                                                                                  |



1 RHD APARTMENT DEMO RCP  
D4.05 Scale: 1/4" = 1'-0"

**CEILING DEMOLITION GENERAL NOTES**

1. CONSTRUCTION MANAGER IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, BOTH PRIOR TO DEMOLITION AND UPON COMPLETION OF DEMOLITION, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. PROTECT THE EXISTING BUILDING ELEMENTS SCHEDULED TO REMAIN. REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 02 "SELECTIVE DEMOLITION" FOR ADDITIONAL PROTECTION REQUIREMENTS. THE CONSTRUCTION MANAGER IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO EXISTING MATERIALS DURING DEMOLITION OR CONSTRUCTION TO MATCH ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER; SUCH REPAIR AND REPLACEMENT BEING ADDITIONAL IS SUBJECT TO ARCHITECT'S APPROVAL AND THE CONSTRUCTION MANAGER'S WRITTEN PROPOSAL FOR SUCH WORK.
3. CONSTRUCTION MANAGER IS RESPONSIBLE FOR FILED VERIFICATION OF ALL ELEMENTS TO BE SALVAGED INCLUDING BUT NOT LIMITED TO LIGHTING FIXTURES, FIRE ALARM DEVICES, ELECTRICAL DEVICES, PROJECTORS, AND PROJECTOR SCREENS.
4. REFER TO THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO DIVISION 01 SECTION "CONSTRUCTION WASTE MANAGEMENT" FOR REQUIREMENTS AFFECTING SORTING, SEPARATION, DISPOSAL, OR RECYCLING OF DEMOLISHED MATERIALS.
5. REFER TO MEP & FP DRAWINGS FOR EXTENT AND LOCATION OF EXISTING SERVICES DEMOLITION. CUT AND PATCH FINISHES AS REQUIRED FOR ACCESS.
6. NOTIFY ARCHITECT IF ADDITIONAL CUTTING AND PATCHING IS REQUIRED TO ACCESS ITEMS INDICATED FOR DEMOLITION OR INSTALLATION OF NEW SYSTEMS.
7. SALVAGE ALL HISTORIC LIGHT FIXTURES AND OTHER HISTORIC ITEMS AS SHOWN.
8. SEE EXTERIOR ELEVATIONS FOR WINDOW REMOVAL AND REPLACEMENT INFORMATION.
9. REFER TO SALVAGE SCHEDULE FOR ADDITIONAL ELEMENTS TO BE SALVAGED FOR REINSTALLATION OR TO TURNED OVER TO THE OWNER.
10. PROTECT AND REUSE CEILING AND SOFFIT FRAMING TO THE GREATEST EXTENT POSSIBLE.

**DEFINITIONS**

- **DEMOLISH:** REMOVE EXISTING ELEMENT(S) AND DISCARD; ELEMENT IS NOT TO REMAIN AS PART OF THE COMPLETED WORK; SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING MATERIALS WASTE HANDLING AND RECYCLING.
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- **SALVAGE:** CAREFULLY REMOVE EXISTING ELEMENT(S) OR ASSEMBLY WITHOUT DAMAGE; ELEMENT IS TO REMAIN AS PART OF THE COMPLETED WORK AND MUST BE REINSTALLED. CONTRACTOR TO TAG AND LABEL SALVAGED ELEMENTS TO ENSURE REINSTALLATION IN ORIGINAL LOCATION.

**DEMOLITION LEGEND**

- ▩ PROTECT HISTORIC FINISHES. PATCH AND REPAIR AS REQUIRED AFTER HVAC INSTALLATION
- ▨ PROTECT EXISTING STAIR ELEMENTS AND FINISHES
- ▭ CEILING AREA TO BE DEMOLISHED
- ⊗⊗⊗ AREA OF SELECTIVE DEMOLITION
- EXISTING WALL TO REMAIN
- ⋯ EXISTING WALL TO BE REMOVED
- ⊔ CREATE OPENING IN EXISTING WALL

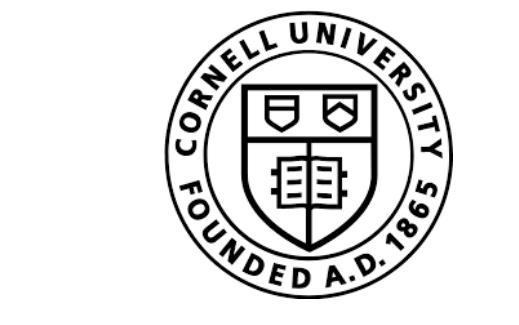
**RCP LEGEND**

- ▨ GWB
- ▨ ACOUSTICAL GWB
- ▨ 2X4' ACT
- ▨ 2X2' ACT
- ▭ EXISTING TO REMAIN
- RECESSED LED DOWNLIGHT AND RETROFIT DOWNLIGHT
- ⊕ SURFACE MOUNTED APERTURE LED CYLINDER DOWNLIGHT
- ⊙ RECESSED LED ACCENT LIGHT AND RETROFIT ADJUSTABLE DOWNLIGHT
- ⊖ WALL MOUNTED LED SCOFFCE
- RECESSED LINEAR LED DOWNLIGHT AND PERIMETER LIGHTING
- ⊖ RECESSED LINEAR LED WALLWASHER
- ⊖ SURFACE MOUNTED FULL LENGTH ILLUMINATED MIRROR
- - - - LED LINEAR TAPE LIGHT
- ⊕ SURFACE MOUNTED LED DOWNLIGHT
- ⊕ DECORATIVE LUMINAIRES, INCLUDING EXISTING TO BE REFURBISHED

**OWNER SALVAGE SCHEDULE**

CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF SALVAGED ITEMS. CONTRACTOR SHALL TURN OVER SALVAGED ITEMS TO THE OWNER.

- ITEMS TO BE SALVAGED FOR STORAGE/USE OUTSIDE OF BALCH:**
- FIRE ALARM PANELS - WITHIN EACH UNIT AND MAIN PANELS
  - FIRE ALARM HORN STROBES
  - FIRE EXTINGUISHERS
  - SELECT FURNITURE - CORNELL TO IDENTIFY
  - ALL WAP DEVICES
  - AV EQUIPMENT
- ITEMS TO BE SALVAGED FOR REUSE IN BALCH:**
- BEDROOM ENTRY DOOR PANELS
  - SELECT LIGHTING FIXTURES - TO BE IDENTIFIED
  - RESIDENT MAILBOXES



**BALCH HALL RENOVATION**

Cornell University

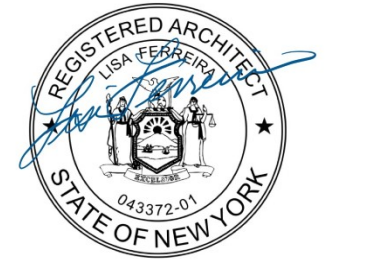
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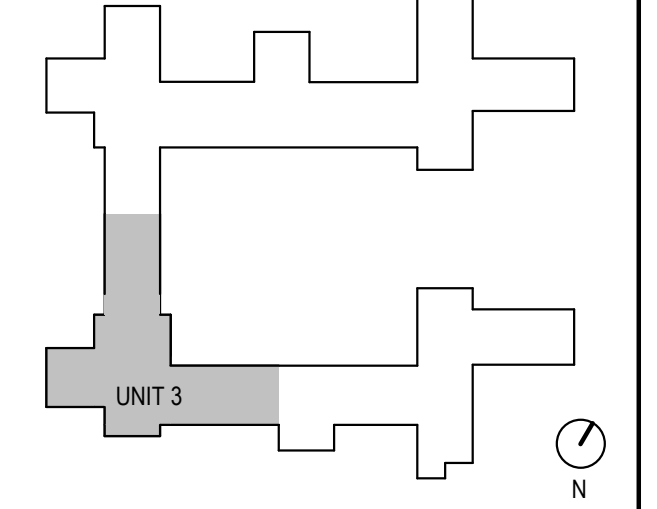
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**RHD APARTMENT ENLARGED DEMO RCP**

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