

# SWIM NEW HAMPSHIRE

## 41 HALL STREET CONCORD, NEW HAMPSHIRE

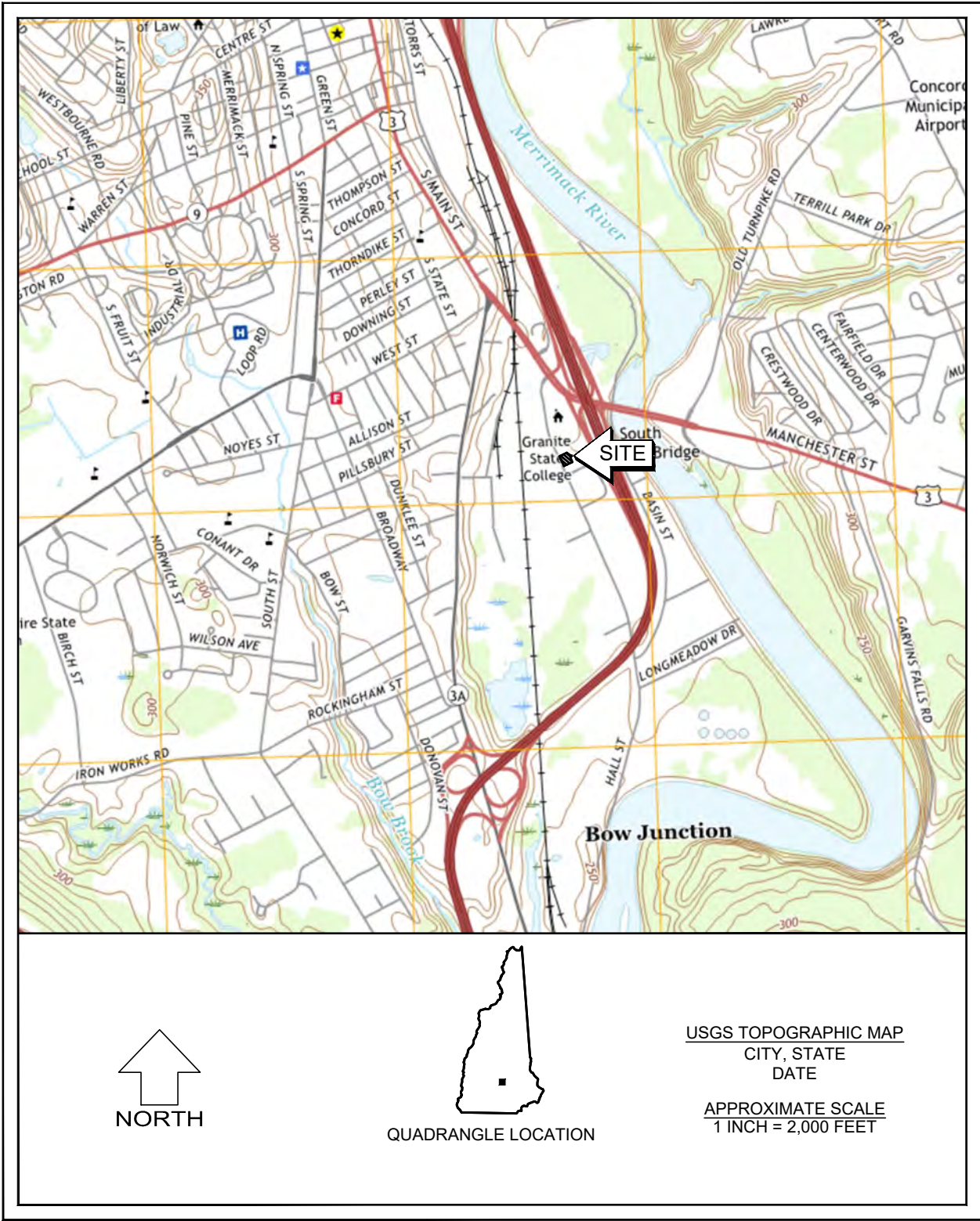
**SITE ENGINEER**  
NOBIS GROUP  
CONCORD, NH

**ARCHITECT**  
WARRENSTREET ARCHITECTS  
CONCORD, NH

**LANDSCAPE ARCHITECT**  
WARRENSTREET ARCHITECTS  
CONCORD, NH

**SURVEYOR**  
RICHARD D. BARTLETT & ASSOCIATES, LLC  
CONCORD, NH

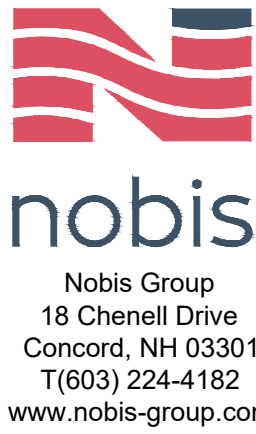
**LIGHTING**  
VISIBLE LIGHT, INC.  
HAMPTON, NH



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JULY 17, 2019





# UTILITY STRUCTURE SCHEDULE

DMH 3643  
RIM 232.62  
INV. 226.50 (N) 15" RCP  
INV. 226.11 (S) 15" RCP  
INV. 226.20 (SW) 10" AC  
(E) & (W) INVS PLUGGED

DMH 3644  
RIM 232.18  
INV. 225.32 (N) 15" RCP  
INV. 225.19 (S) 15" RCP  
TOP OF 10" CI 227.31 (RUNS TO HOUSE)

DMH 3645  
RIM 232.18  
INV. 225.54(N) 10" CLAY INV.  
225.41(S) 10" CLAY INV.  
227.70(W) 12" RCP

DMH 3646  
RIM 231.83  
INV. 224.43(NW) 12" ASBESTOS  
INV. 221.67(E) 36" RCP  
INV. 227.77(SW) 12" RCP  
INV. 221.87(W) 36" RCP  
SUMP 223.08

CB 2105  
RIM 232.34  
INV. 227.46 (N) 15" RCP  
INV. 225.37 (S) 15" RCP  
INV. 225.99 (NE) 12" RCP  
INV. 228.45 (W) 15" RCP

CB 2106  
RIM 231.37  
INV. 225.09(N) 15" RCP INV.  
226.47(SE) 15" RCP INV.  
224.70(S) 15" RCP SUMP  
223.23

SMH 1369  
RIM 232.66  
INV. 226.25 (N) 15" AC  
INV. 226.21 (S) 15" AC

SMH 1370  
RIM 231.70  
INV. 225.83(N) 15" AC  
INV. 226.16(E) 10" AC  
INV. 226.69(S) 15" AC

BRIAN J. GOODMAN  
42 Hall Street  
Concord, NH 03301  
Map 15, Block 3, Lot 4  
V. 2015 P. 1438

BRIAN J. GOODMAN  
42 Hall Street  
Concord, NH 03301  
Map 15, Block 3, Lot 3  
V. 2412 P. 1351

BENCH MARK  
MAG NAIL IN POLE CE 11  
NET/T 11  
W/LIGHT  
EL. 233.17 (NAVD 88)

ALLAN B. & ROBERTA S. BAILEY  
44 Hall Street  
Map 15, Block 3, B. Lot 2  
V. 1471 P. 629

YUKON REALTY  
INVESTMENTS LP  
31 Hall Street  
Concord, NH 03301  
Map 15, Block 2, Lot 7  
V. 3119 P. 983

KRUG MANAGEMENT LLC  
47 Hall Street  
Concord, NH 03301  
Map 15, Block 2, Lot 3  
V. 2232 P. 1767

KRUG MANAGEMENT LLC  
47 Hall Street  
Concord, NH 03301  
Map 15, Block 2, Lot 4  
V. 2153 P. 437

SWIM NH LLC  
95 North State Street  
Concord, NH 03301  
Map 15, Block 2, Lot 6  
V. 3409 P. 30  
Total Area: 18,286 Sq. Ft.  
or 0.42 Ac.


## LEGEND

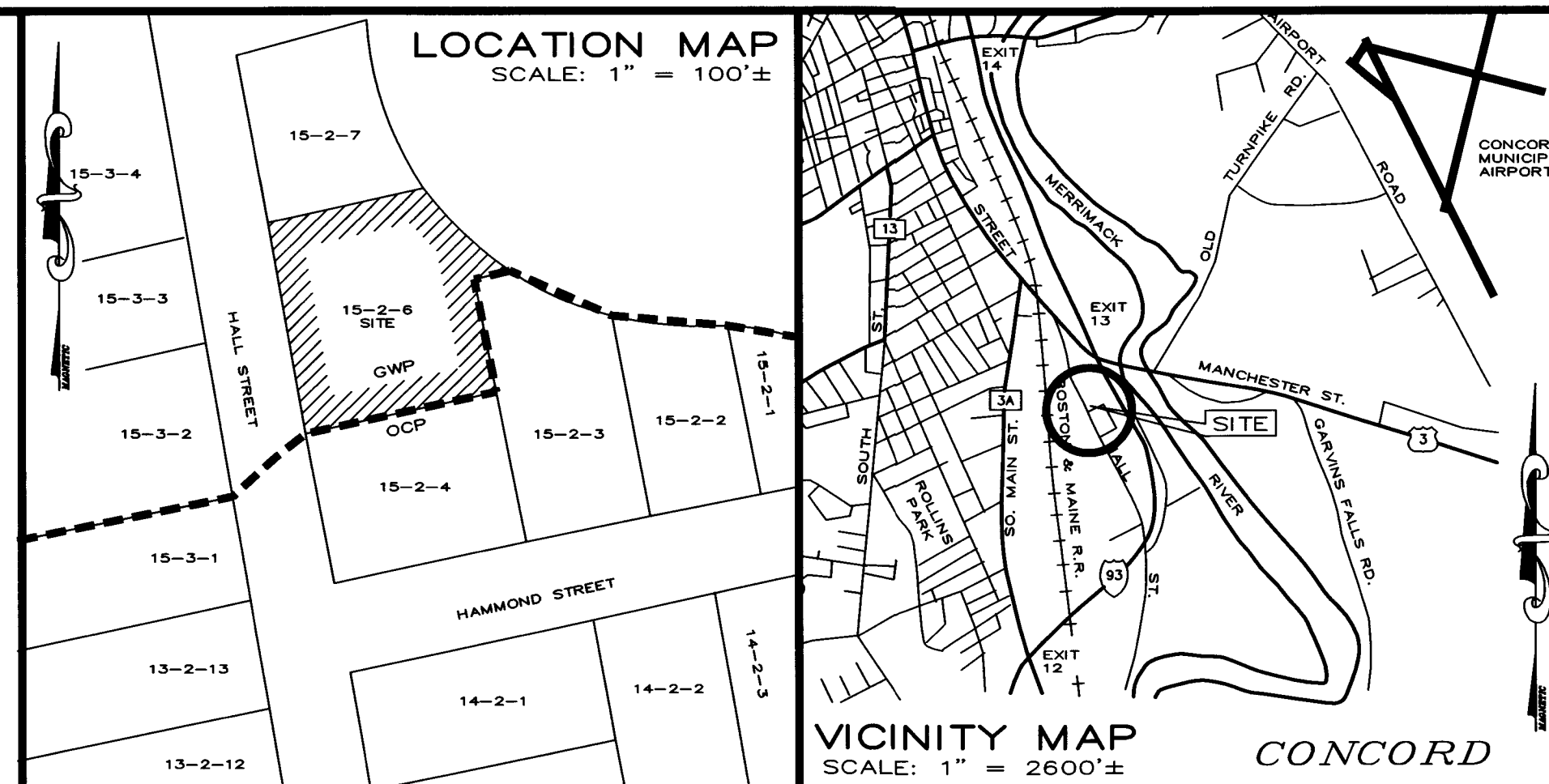
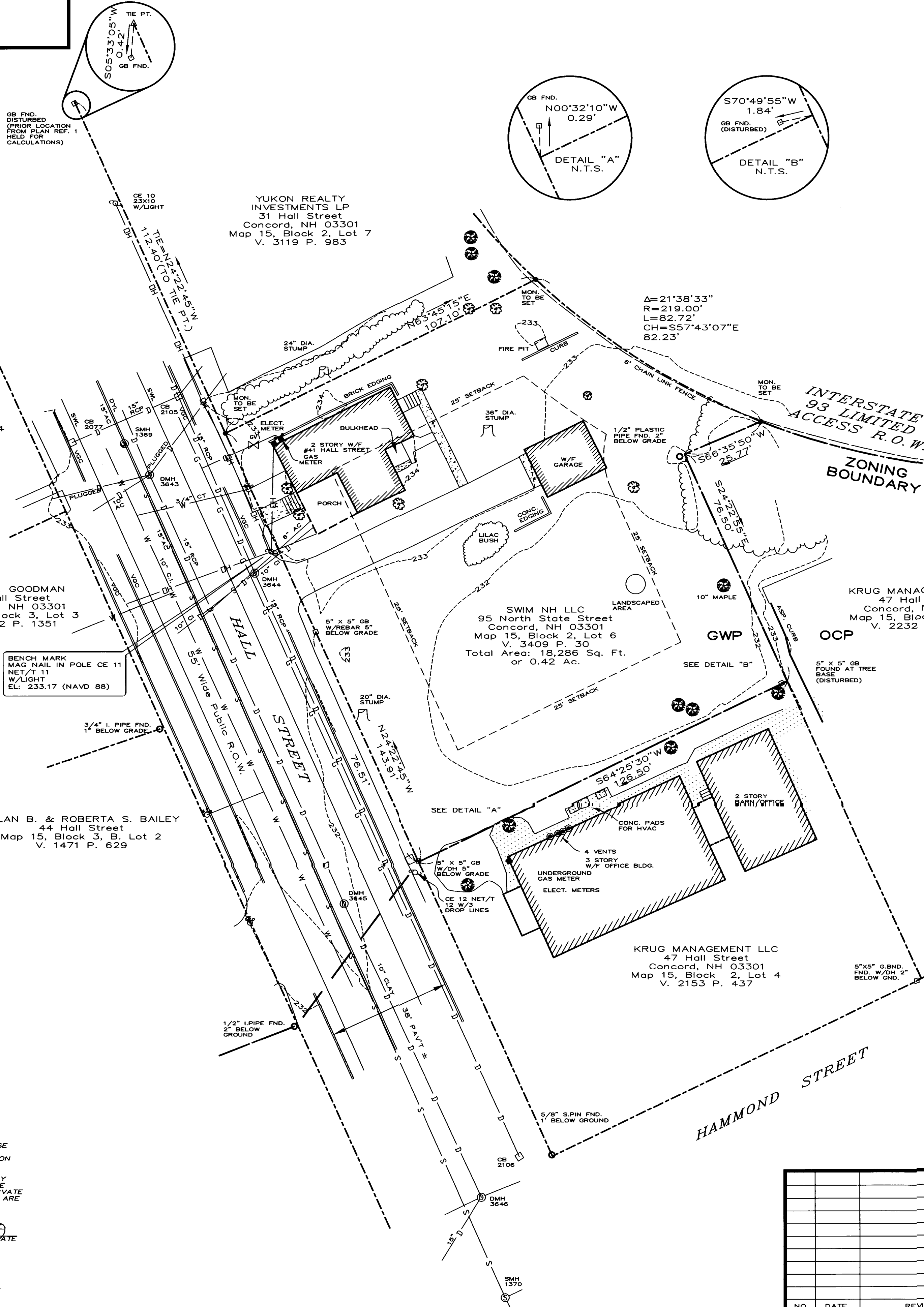
- PROPERTY LINE
- EDGE OF PAVEMENT
- OVERHEAD UTILITY LINES
- DRAINAGE LINE
- SEWER LINE
- GAS LINE
- WATER LINE
- IRON PIPE OR REBAR
- GRANITE OR CONCRETE BOUND
- UTILITY POLE
- SEWER MANHOLE
- DRAIN MANHOLE
- CATCH BASIN
- HYDRANT
- WATER SHUTOFF
- GAS SHUTOFF
- EDGE OF WOODS
- CONCRETE

## CERTIFICATIONS

"I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR THOSE UNDER MY DIRECT IMMEDIATE SUPERVISION, AND DEPICTS A SURVEY CONDUCTED WITH A TOTAL STATION HAVING AN URBAN CLASSIFICATION AND A MINIMUM ERROR OF CLOSURE LESS THAN 1:10,000.

CERTIFICATION PER R.S.A. - 676:15, III: "I CERTIFY THAT THIS SURVEY PLAT IS NOT A SUBDIVISION PURSUANT TO THIS TITLE AND THAT THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW WAYS ARE SHOWN."

SIGNATURE:  741 LICENSE NO. 7/17/19 DATE



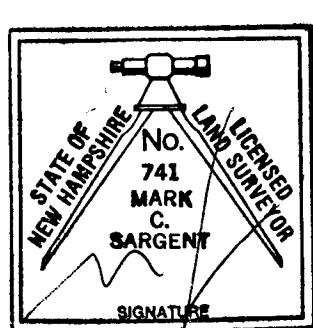
## NOTES

- Survey by total station between the dates of October 29, and Nov. 6, 2014. Control Traverse error of closure is 1' in 136,409'.
- Horizontal datum is based on NH State Plane Coordinate System NAD 83.
- Vertical datum is based on NAVD 88
- Owner of record: Swin NH LLC - 95 North State Street Concord, NH, 03301 - Map 15, Block 2, Lot 6 - V. 3409 P. 30
- Parcel is zoned GWP- Gateway Performance District; Building setbacks: front, rear, and side 25', Min. frontage = 300', Max. Lot coverage = 85%, Max. building height = 45'.
- The underground utilities depicted hereon have been located from field survey information and plotted from existing drawings. The surveyor makes no guarantee that the underground utilities depicted comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although they are located as accurately as possible from the information available. The surveyor has not physically located the underground portion of the utilities. All contractors should notify, in writing, any utility company and appropriate governmental agencies prior to any excavation work and call DIG-SAFE at 1-888-344-7233.
- The intent of this plat is to depict existing conditions on 41 Hall Street.

## REFERENCES

- "Existing Conditions Plat prepared for Krug Management, LLC", revised through 3/28/06 by Richard D. Bartlett & Associates, LLC on file at this office.
- "Plan of Land belonging to C. H. Staniels", by Lloyd & Mann, dated Sept., 1923 and recorded at the MCRD as plan no. 500.
- "Land of the Bank of New Hampshire", dated Oct. 20, 1992 By H.H. Amsden & Sons, recorded at the MCRD as plan no. 12566.

NO.	DATE	REVISION



**RICHARD D. BARTLETT & ASSOCIATES, LLC**  
214 North State Street  
Concord, N.H. 03301  
Tel.: (603) 225-6770  
Fax.: (603) 224-6261  
info@richarddbartlett.com  
www.richarddbartlett.com  
LICENSED LAND SURVEYORS

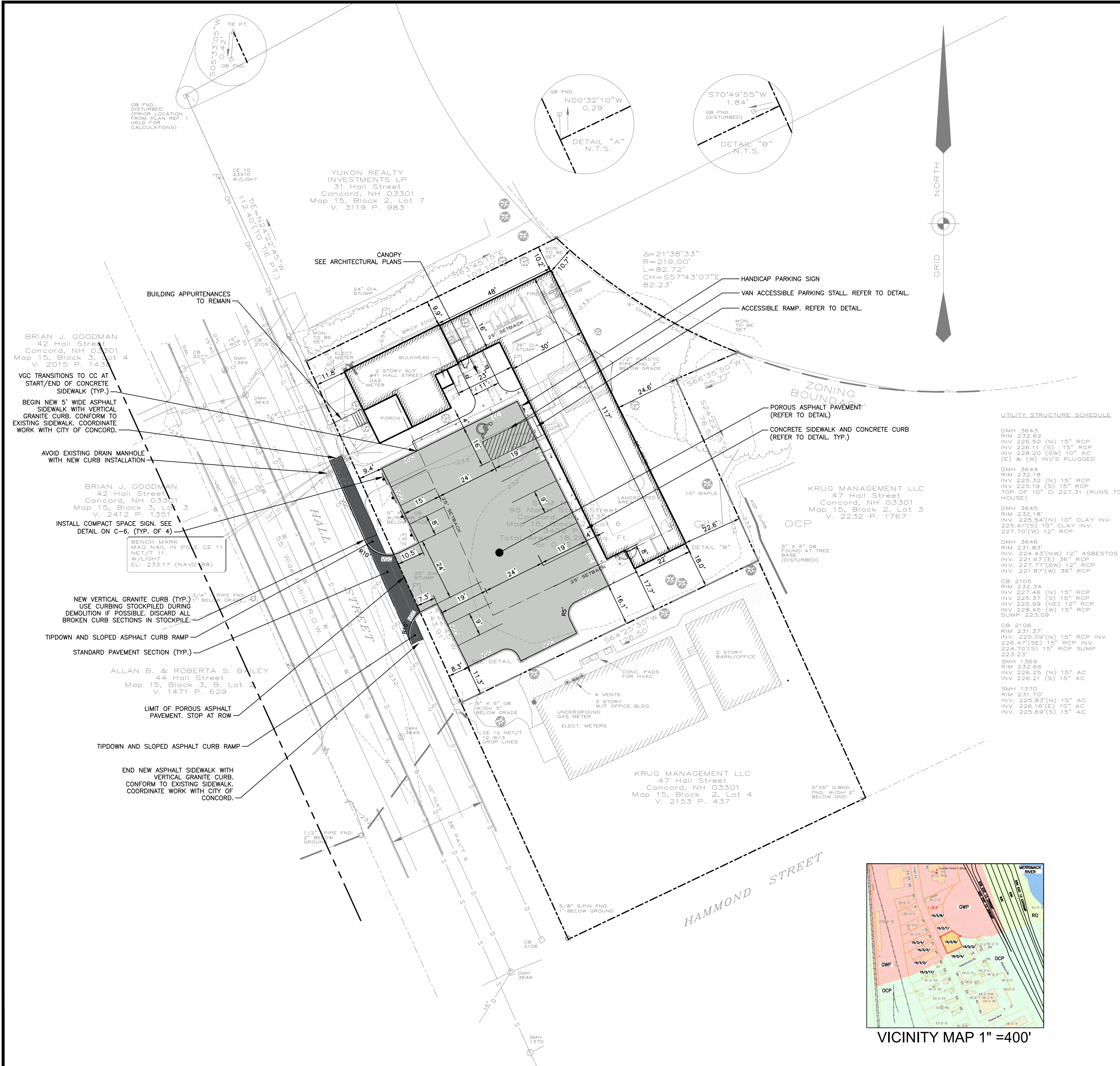
## EXISTING CONDITIONS PLAT prepared for SWIM NH LLC

PROJECT: MAP 15, BLOCK 2, LOT 6  
LOCATION: 41 HALL STREET CONCORD NH

GRAPHIC SCALE  
0' 20' 40'  
1" = 20'

DATE: NOV. 6, 2014  
JOB NO.: 1014.195  
SHEET 1 OF 1





- NOTES:**
1. THE PURPOSE OF THIS PLAN IS TO OBTAIN LOCAL AND/OR STATE PERMITS FOR CONSTRUCTION.
  2. ALL BUILDING AND SITE CONSTRUCTION TO COMPLY WITH THE RULES AND REGULATIONS OF THE AMERICANS WITH DISABILITY ACT (ADA) 2010 EDITION.
  3. DIMENSIONS SHOWN TAKE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR TO USE CAUTION WHEN SCALING REPRODUCED PLANS. IN THE EVENT OF A CONFLICT BETWEEN THIS PLAN SET AND ANY OTHER DRAWINGS AND / OR SPECIFICATIONS, THE ENGINEER WILL BE NOTIFIED BY THE CONTRACTOR.
  4. NO JURISDICTIONAL WETLANDS WERE FOUND ON THE SUBJECT PARCEL.
  5. PROPOSED BUILDING WILL BE SERVICED BY CITY OF CONCORD WATER AND SEWER.
  6. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIG SAFE (1-888-DIG-SAFE) AT LEAST 72 HOURS PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR WILL COORDINATE WORK WITH THE CITY FIRE, POLICE, AND COMMUNITY DEVELOPMENT DEPARTMENTS.
  7. A MANDATORY PRE-CONSTRUCTION MEETING WILL NEED TO BE HELD PRIOR TO ISSUANCE OF ANY PERMITS TO DISCUSS INSPECTION FEES, CONSTRUCTION SCHEDULE, ETC.
  8. REFER TO CONSTRUCTION DETAIL SHEETS FOR ALL APPLICABLE SITE DETAILS.
  9. CONTRACTOR WILL NOTIFY ENGINEERS IMMEDIATELY IF SITE CONDITIONS DIFFER FROM WHAT IS SHOWN ON PLAN.
  10. THE PROPOSED PROJECT SITE IS LOCATED ENTIRELY WITHIN A FEMA FLOOD ZONE X WHICH IS AN AREA OF LEAST CONCERN.
  11. REFER TO SHEET G-1 FOR GENERAL NOTES AND LEGEND.

- PLAN REFERENCES:**
1. EXISTING CONDITIONS, TOPOGRAPHICAL INFORMATION, NORTH ORIENTATION, NORTH ARROW, AND COORDINATE VALUES DEPICTED ON THESE DRAWINGS ARE BASED ON PLANS TITLED "EXISTING CONDITIONS PLAT PREPARED FOR SWIM NH LLC", DATED NOVEMBER 6, 2014 BY RICHARD D. BARTLETT & ASSOCIATES, LLC.
  2. BUILDING FOOTPRINT REPRESENTS THE GROUND FLOOR PROVIDED TO NOBIS GROUP, BY WARRENSSTREET ARCHITECTS, INC. ON JUNE 10, 2019. REFER TO ARCHITECTURAL/STRUCTURAL PLANS FOR FOUNDATION AND BUILDING DIMENSIONS.
  3. AT A MEETING OF THE ZONING BOARD OF ADJUSTMENTS OF THE CITY OF CONCORD, HELD ON MAY 1, 2019, THE BOARD, BY A UNANIMOUS VOTE, GRANTED A REQUEST FOR A VARIANCE TO ARTICLE 28-4(i)(i), TABLE OF DIMENSIONAL REGULATIONS, TO ALLOW A MINIMUM OF 9'5" +/- SETBACK FROM THE NORTHERLY (SIDE) PROPERTY LINE WHERE A 25 FOOT SETBACK IS REQUIRED, TO ALLOW A MINIMUM OF 17'4" +/- SETBACK FROM THE SOUTHERLY (SIDE) PROPERTY LINE WHERE A 25 FOOT SETBACK IS REQUIRED, TO ALLOW A MINIMUM 22' +/- SETBACK FROM THE EASTERLY (REAR) PROPERTY LINE WHERE A 25 FOOT SETBACK IS REQUIRED, THE BOARD THEN, BY A UNANIMOUS VOTE, GRANTED A REQUEST FOR VARIANCE TO ARTICLE 28-7(e), TABLE OF OFF-STREET PARKING, TO ALLOW THE PROVISION OF 15 PARKING SPACES WHERE 35 SPACES ARE REQUIRED (THE REQUEST WAS MODIFIED TO PERMIT 15 PARKING SPACES WHERE 16 SPACES WOULD BE REQUIRED) AND TO ARTICLE 28-8-3(i)(2), CONDITIONS FOR DEVELOPMENT OF A NON-CONFORMING LOT, TO ALLOW DEVELOPMENT OF A NON-CONFORMING LOT, WHEN SETBACK AND PARKING REQUIREMENTS ARE NOT MET.

Nobis Group®  
18 Chenell Drive  
Concord, NH 03301  
T(603) 224-4182  
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NOT ISSUED  
FOR  
CONSTRUCTION

SWIM NH

41 HALL STREET  
CONCORD, NEW HAMPSHIRE

TAX MAP 15, BLOCK 2, LOT 6

OWNER / APPLICANT:  
SWIM NH LLC  
96 N. STATE STREET  
CONCORD, NH 03301

NO.	DATE	DESCRIPTION
REVISIONS		
0 20' 40' GRAPHIC SCALE		
DATE: JULY 17, 2019		
NOBIS PROJECT NO. 95890.00		
DRAWN BY: HK		
CHECKED BY: CN		
CAD DRAWING FILE: 95890.00-C-200-SITE.dwg		
SHEET TITLE		

SITE PLAN

SHEET  
C-2

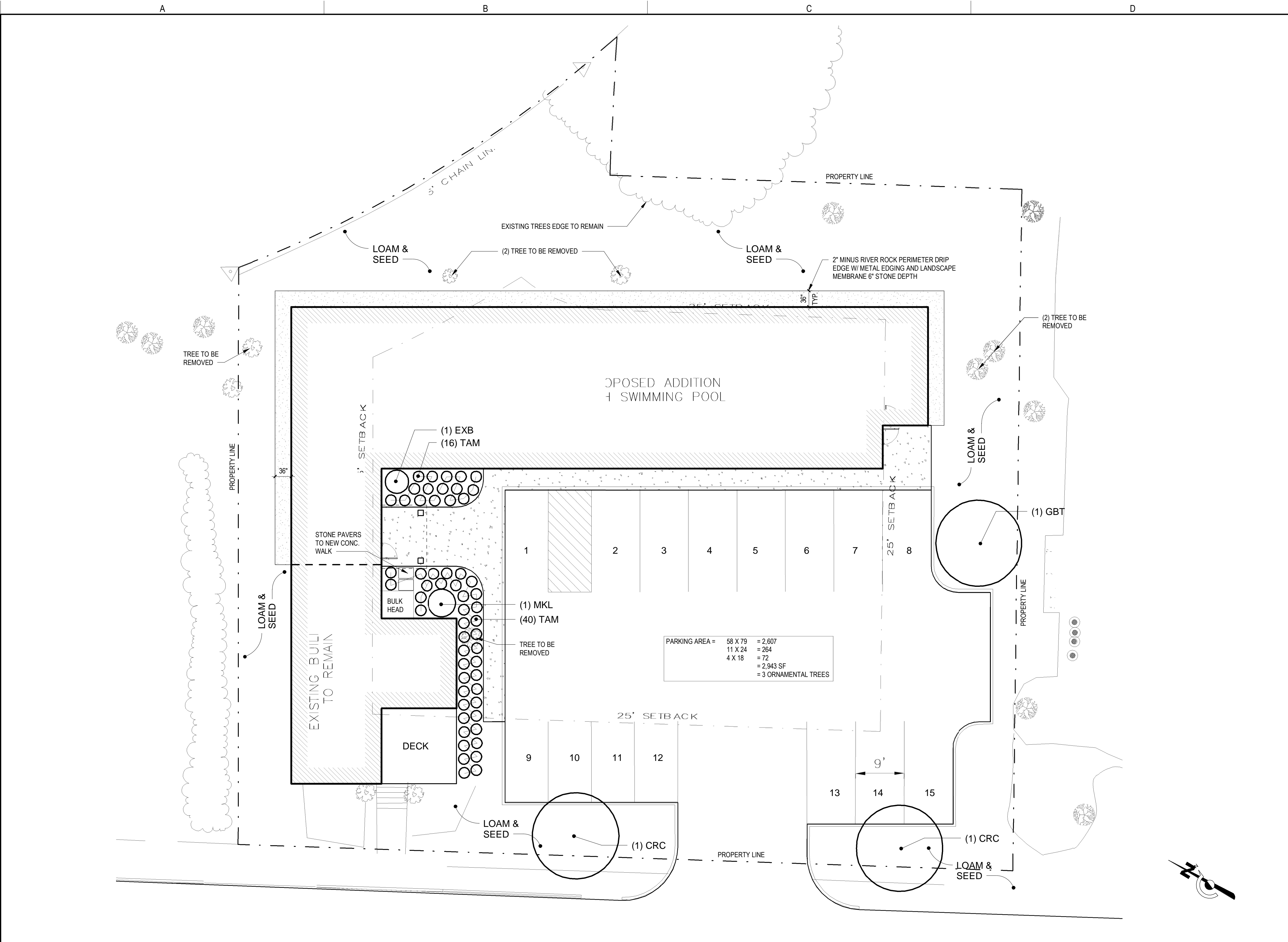






three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarter inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot

P:\PROJECTS\0556 SWIM NH\400 Design\440 Landscape\0556 SWIM NH LANDSCAPE.dwg  
DATE: 03/05/2019



1	LANDSCAPE PLAN	
	1" = 10'-0"	

SwimNH - Master Planting Schedule									
41 Hall Street, Concord, NH 03301									
7/15/2019									
Sym	Qty	Common Name	Botanical Name	Zone	Habit of Growth		Installed Size	Type	Notes (hgt, exposure, bloom, color)
					Height	Spread			
Ornamental, Deciduous Trees									
CRC	2	Canadian Red Choke Cherry	Prunus Virginiana Canada Red	2-7	25'	20'	3-4" cal	B&B	white cluster flowers in spring, red-purple leaves in fall.
GBT	1	Ginkgo Tree	Ginkgo Biloba	3-9	40-70'	30-40'	2 1/2-3" cal	B&B	rounded form and delicately crafted leaves, interesting shape, yellow fall leaves, pest and drought resistant.
Low, Evergreen Ground Cover									
TAM		Tam Juniper	Juniperus sabina 'tamariscifolia'	4	1.5'	10'	18"-24"	CTN	low spreading mounded form with horizontal branches and bluish green foliage.
Deciduous Flowering Shrubs									
MKL		Miss Kim Lilac	Syringa patula 'miss kim'	3	4-6'	6'	2'-2 1/2' ht.	B&B	Nice compact growth, fragrant, blooms later than most lilacs, attractive foliage, deep burgundy fall color.
EXB		Stewartsonian Azalea	Stewartsonian Azalea Hybrids	5	6'-8'	6'	3 Gal.	CTN	Upright growth, brilliant red flowers 1" across, grow to 5' with rounded shape, blooms very late, very hardy, wine-red winter color.
Lawns/Seeding									
TBD	SF	Seeded Fine Lawn	Fine Grade, fertilize, seed and Hydromulch (Kentucky Bluegrass and Creeping Red Fescue Blend)						
Accessories									
210	LF	Everedge® bed edging or Equal	5" Heavy Duty Steel 2.5mm 'brown'					Install continuous at all bed edges	
General Notes									
1	All planting beds shall be mulched with a minimum of 4" of shredded cedar "BLACK" bark mulch.								
2	All sod and/or seeded lawn areas to have minimum 6" topsoil blanket.								
3	All plant material to conform to current AAN, American Standard for Nursery Stock, ANSI Z60.1-1986.								
4	All fall bulbs shall be planted in the fall, plan accordingly, retainage will be held until plantings occur.								
5	All plantings shall be warranted for (1) one year from planting date.								
6	All mass planted shrubs beds and planters around building shall have minimum 18" deep topsoil blanket to compensate for the very sandy granular sub-grade material.								
7	The landscape Contractor shall be responsible for two (2) lawn mowings and weedings prior to acceptance of installation.								

CANADIAN RED



GENGKO TREE



MISS KIM LILAC



STEWARTSONIAN AZELIA



TAMP JUNIPER



WA

WARRENSTREET ARCHITECTS

27 Warren Street Concord NH 03301  
T 603.225.0640 F 603.225.0621 www.warrenstreet.coop

OWNER  
SWIM NH  
41 HALL STREET  
CONCORD, NH 03301

PROJECT TITLE / ADDRESS:  
SWIM NH LANDSCAPE

41 HALL STREET  
CONCORD, NH 03301



SCALE: AS NOTED DWN BY: KL  
JOB #: 3556 CHK BY: JH

PRINT DATE: 7/15/2019 12:04:54 PM

ISSUE DATE:  
7/15/2019  
ISSUED FOR CONSTRUCTION

REVISION	DATE	COMMENTS

LANDSCAPE PLAN

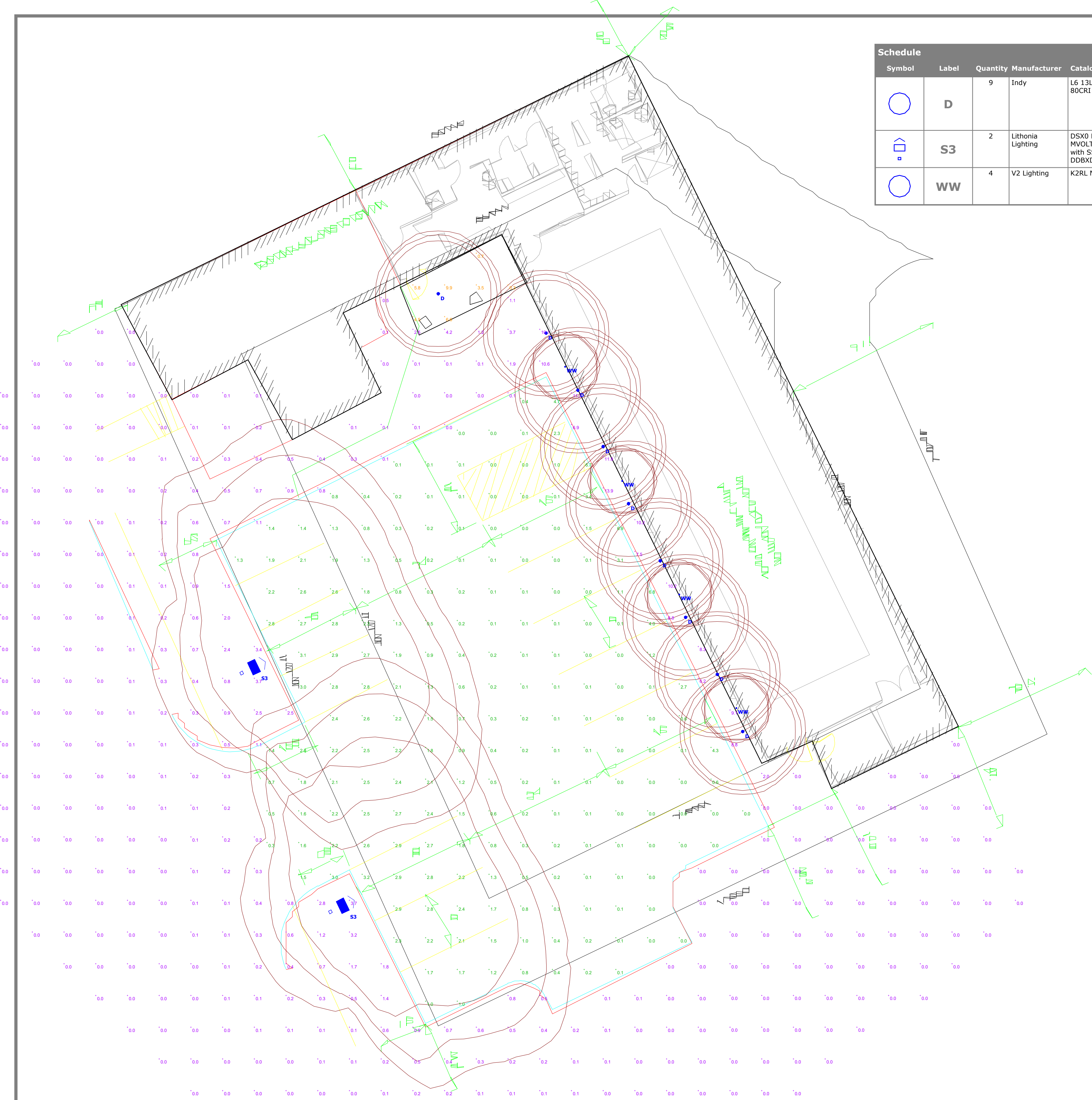
LA100




SHEET NUMBER: 1 OF 4 ARCHITECTURAL

THE DRAWING AND ITS CONTENT IS THE INTELLECTUAL PROPERTY OF WARRENSTREET ARCHITECTS INC. WITH THE SOLE INTENT TO BUILD THE PROJECT TITLED ABOVE AT ONE LOCATION NOTED HEREIN. THE USE OF THE CONTENT FOR ANY OTHER PURPOSE IS PROHIBITED AND PROTECTED UNDER COPYRIGHT LAW.

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Schedule											
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
	D	9	Indy	L6 13LM 35K MVOLT G4 80CRI ZT P CS WL	INDY 6" DIA. 1-LED 1300K, 35K 80 CRI, RECESSED LENS/LITE W/ CLEAR SPECULAR ALZAK (CS) PARABOLIC CONE AND FROSTED CONVEX GLASS LENS; mounted at 10ft	LED	1	L6_13LM_35K_MVOLT_G4_80CRI_ZT_P_CS.ies	1119	0.9	11.74
	S3	2	Lithonia Lighting	DSX0 LED P1 40K TFTM MVOLT HS SPA DDBXD with SSS 12 4C DM19AS DDBXD	DSX0 LED P1 40K TFTM MVOLT with houseside shield; mounted at 12ft	LED	1	DSX0_LED_P1_40K_TFTM_MVO LT_HS.ies	3678	0.9	38
	WW	4	V2 Lighting	K2RL N V D 10 83 40 10	AQUA 200 Exterior Wall Sconce; mounted at 6ft	LED	1	AQUA 200 1000lm 10 degree 190513.1ES	1000	0.9	13.6

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Outside of Parking Lot		0.5 fc	13.9 fc	0.0 fc	N/A	N/A
Parking Lot		1.1 fc	6.9 fc	0.0 fc	N/A	N/A
Under Canopy		4.5 fc	9.9 fc	0.3 fc	33.0:1	15.0:1

41 HALL ST CONCORD, NH  
Site Lighting Layout

Designer  
Heidi G. Connors  
Visible Light, Inc.  
24 Stickney Terrace  
Suite 6  
Hampton, NH 03842  
Date  
7/16/2019  
Scale  
1"=8'  
Drawing No.  
Summary

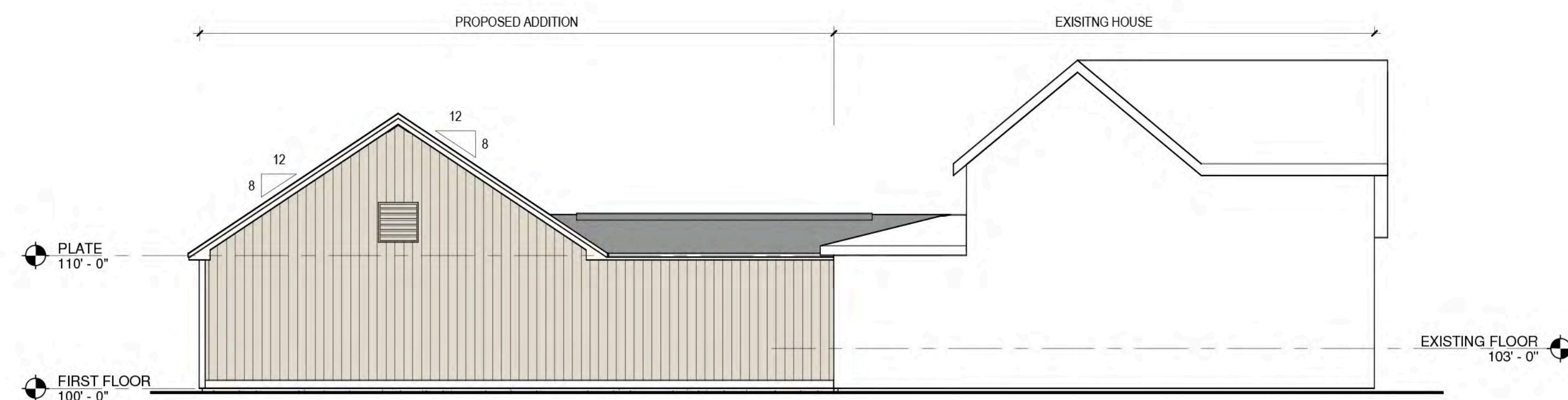




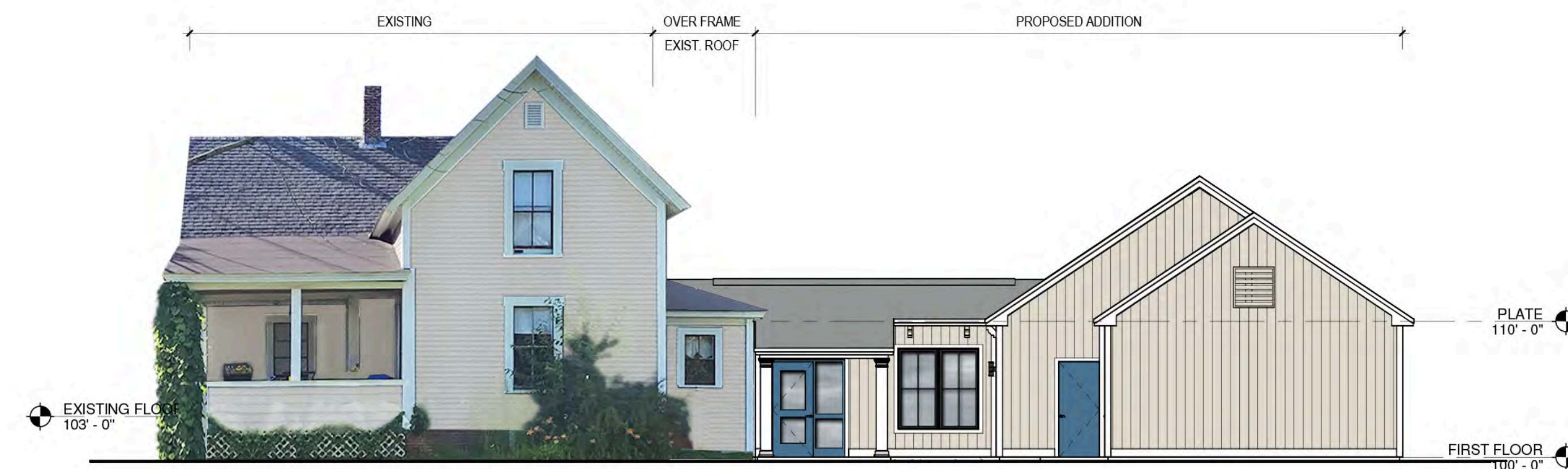
STREET VIEW



FRONT ELEVATION



LEFT ELEVATION



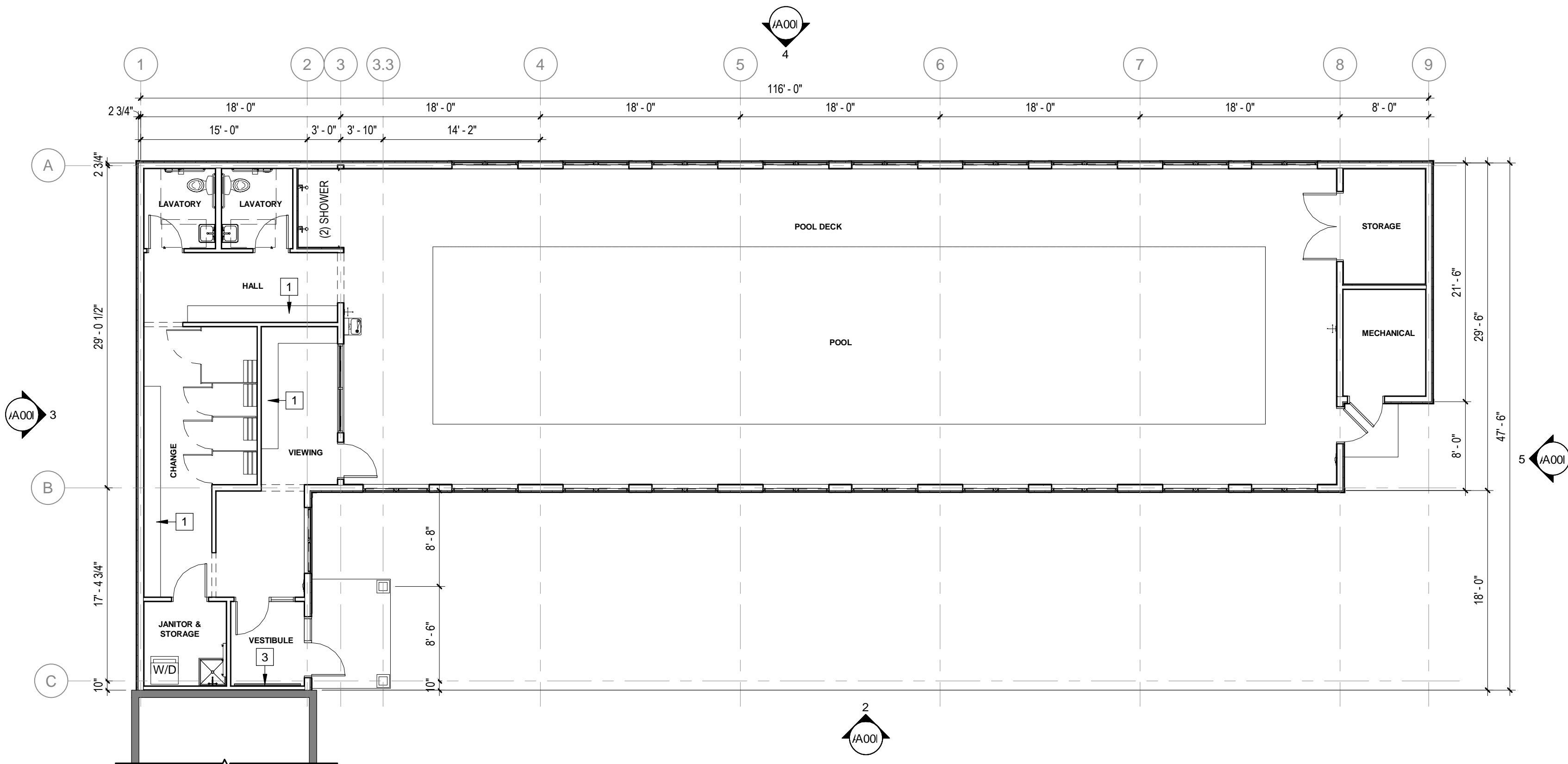
RIGHT ELEVATION



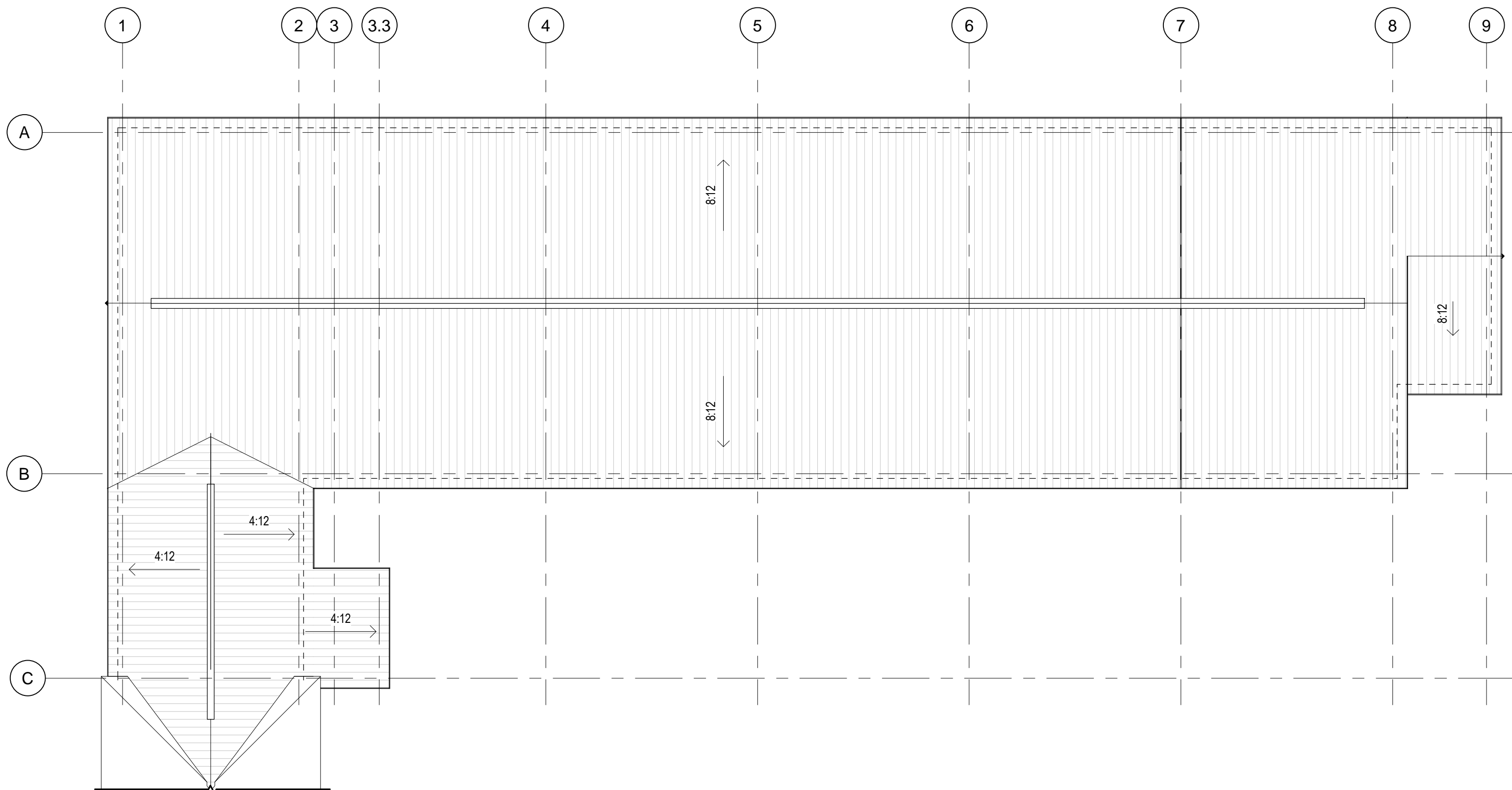
REAR ELEVATION



three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarter inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
P:\PROJECTS\556 SWM\NH400 Design\420 Drawings\556 SWM NH.rvt  
TEMPLATE DATE: 03/05/2019



1 FIRST FLOOR PLAN  
1/8" = 1'-0"



2 ROOF PLAN  
1/8" = 1'-0"

### GENERAL PLAN NOTES

1. ARCHITECTURAL DATUM = 100'-0". THE ARCHITECTURAL DATUM IS INDEPENDENT OF ELEVATIONS SHOWN ON THE CIVIL DRAWINGS. SEE CIVIL DRAWINGS FOR CORRESPONDING DATUM IN HEIGHT ABOVE SEA LEVEL.
2. ALL DIMENSIONS AT NEW WALLS ARE TO OUTSIDE FACE OF STUD. FACE OF CONCRETE, FACE OF MASONRY, OR CENTER OF OPENING, U.N.O. AT EXISTING WALLS DIMENSIONS ARE TO FINISH FACE OF WALL.
3. DO NOT SCALE DRAWINGS. CONTACT ARCHITECT FOR ANY DISCREPANCY PRIOR TO COMMENCING WITH ANY WORK.
4. REFER TO DIMENSION PLANS FOR GENERAL PARTITION NOTES & PARTITION TYPES.
5. VERIFY FIELD CONDITIONS PRIOR TO COMMENCEMENT OF EACH PORTION OF THE WORK. NOTIFY ARCHITECT OF DISCREPANCIES.
6. ALL LUMBER IN DIRECT CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED INCLUDING ALL SILL PLATES FOR WOOD STUD WALLS.
7. REVIEW PRIOR TO INSTALLATION. ANY CONFLICT OF ENGINEERING TRADE DEVICES (I.E. FIRE ALARM STROBES) WITH ARCHITECTURAL DETAILS AND BRING THOSE DISCREPANCIES TO THE ARCHITECT FOR REVIEW.
8. PROVIDE BLOCKING FOR MILLWORK, MECHANICAL FIXTURES, PLUMBING FIXTURES AND OTHER ITEMS IDENTIFIED IN THE CONSTRUCTION DOCUMENTS.
9. COORDINATE MISC. STEEL REQUIREMENTS FOR MOUNTING / HANGING OWNER SUPPLIED EQUIPMENT.

### FLOOR PLAN LEGEND

- 101 DOOR TAG. SEE DOOR SCHEDULE
- X WINDOW TAG. SEE WINDOW SCHEDULE
- 11 ACCESSORY TAG. SEE ACCESSORY TYPES & INTERIOR ELEVATIONS
- A KEYNOTE. SEE FLOOR PLAN KEYNOTE LEGEND
- STRUCTURAL GRID LINE
- NEW CONSTRUCTION
- EXISTING CONSTRUCTION
- NEW DOOR

### FLOOR PLAN KEYNOTES

- 1 18"H x 18"D WD BENCH W/ SHOE CUBBIES BELOW & HOOKS ON WALL BEHIND @ 60" AFF
- 2 18"H x 18"D PVC STORAGE BENCH (TBD)
- 3 TACK BOARD SURFACE

### GENERAL ROOF PLAN NOTES

1. PROVIDE MIN 5'-6" SELF-ADHERING PROTECTION MEMBRANE AT ALL EAVES AND VALLEYS.
2. PROVIDE MIN 3'-0" SELF-ADHERING PROTECTION MEMBRANE AT ALL RAKES.
3. PROVIDE SELF-ADHERING PROTECTION MEMBRANE AT ALL ROOF/WALL INTERSECTIONS, 1'-6" VERTICAL UP WALL SURFACE, 1'-6" HORIZONTAL ON ROOF SURFACE.
4. PROVIDE ALUMINUM STEP FLASHING OVER SELF-ADHERING PROTECTION MEMBRANE WITH 8" VERTICAL LEG MINIMUM AT VERTICAL WALL SURFACE.
5. ALL VALLEYS TO BE ASPHALT SHINGLES, CALIFORNIA CUT.
6. ALL FLASHINGS TO BE FACTORY FINISHED ALUM. COLOR TO MATCH TRIM.
7. PROVIDE END CAPS AT RIDGE VENTS.
8. RIDGE & SOFFIT VENTS TO HAVE INSECT SCREENS.
9. CLASS 'A' 30 YEAR ASPHALT SHINGLES TO BE LAID OVER SHINGLE UNDERLAYMENT.
10. NOTIFY OWNER OF ANY ROOF PENETRATIONS OTHER THAN THOSE SHOWN FOR APPROVAL PRIOR TO CONSTRUCTION.
11. CONTRACTOR TO PROVIDE ADEQUATE VENTILATION THROUGH SHEATHING AT EACH JOIST SPACE, WHERE OVERFRAMING OCCURS.

### ROOF PLAN LEGEND

- STANDING SEAM METAL ROOF
- x : 12 INDICATES DOWNWARD SLOPE OF ROOF

### ROOF PLAN KEYNOTES

- 1 KEYNOTE
- 2 KEYNOTE
- 3 KEYNOTE
- 4 KEYNOTE
- 5 KEYNOTE

TO BE EDITED

### ROOF VENTILATION CALCULATIONS

1. BASIS OF DESIGN RIDGE VENT PRODUCT: RIDGEMASTER PLUS, 12,229 SQ. IN./LIN. FT. NET FREE AREA.
2. BASIS OF DESIGN SOFFIT VENT PRODUCTS: PAC-750 SOFFIT BY PAC-CLAD, HALF VENT, WHITE, 6% VENTED AREA, 8.64 SQ. IN./SF NET FREE AREA; PAC-750 SOFFIT BY PAC-CLAD, FULL VENT, WHITE, 12% VENTED AREA, 17.28 SQ. IN./SF NET FREE AREA
3. VENTILATION REQUIREMENTS PROVIDED ARE BASED ON HAVING A VAPOR RETARDER STAPLED AND TAPED ON THE WARM SIDE OF THE CEILING.
4. VENTILATION QUANTITIES PROVIDED ARE BASED ON RIDGE VENT LENGTH MARKED ON PLAN.
5. VENTILATION QUANTITIES NOT LESS THAN THE REQUIRED MINIMUM INDICATED MAY BE USED WITH APPROVAL OF THE ARCHITECT.
6. RIDGE OR GABLE VENT NET FREE AREA MUST BE LESS THAN EAVE/SOFFIT VENTS.

CONFIRM VENTING PRODUCTS

#### ROOF AREA #1

MAIN ROOF, TOTAL AREA: 5566 SF

TOTAL NET FREE AREA, MIN. REQUIRED: (AREA x 1/300) = (5566 SF x 1/300) = 18.55 SF

MAXIMUM RIDGE/GABLE VENT AREA, REQUIRED: (TOTAL NET FREE AREA / 2) = (18.55 SF / 2) = 9.27 SF

SOFFIT VENT, PROVIDED: 6%, PAC-750 SOFFIT @ 14" WIDE PER LIN. FT. = 10.8 SQ. IN./LIN. FT. PROVIDED: 170 LIN. FT. SOFFIT VENT x 10.8 SQ. IN./LIN. FT. = 1743 SQ. IN. = 12.04 SF (63.5%)

RIDGE VENT, PROVIDED: RIDGEMASTER PLUS = 12,229 SQ. IN./LIN. FT. PROVIDED: 126 LIN. FT. RIDGE VENT x 12,229 SQ. IN./LIN. FT. = 1504.17 SQ. IN. = 10.45 SF (46.5%)

TOTAL NET FREE AREA PROVIDED: = 22.49 SF

SAMPLE, EDIT FOR PROJECT

**WA**  
**WARRENSTREET**  
**ARCHITECTS**

27 Warren Street Concord NH 03301  
T 603.225.0640 F 603.225.0621 www.warrenstreet.coop

#### OWNER

TITLE 1  
TITLE 2  
STREET  
CITY, STATE ZIP  
P. ( ) F. ( )

#### CONSTRUCTION MANAGER

TITLE 1  
TITLE 2  
STREET  
CITY, STATE ZIP  
P. ( ) F. ( )

#### PLAN KEY:

PROJECT TITLE / ADDRESS:  
**SWIM NH**

41 HALL STREET,  
CONCORD, NH

SCALE: AS NOTED DWN BY: KL  
JOB #: 3556 CHK BY: JH

PRINT DATE: 7/10/2019 9:12:46 AM

#### ISSUE DATE:

**NOT FOR CONSTRUCTION**  
**SCHEMATIC DESIGN**

REVISION	DATE	COMMENTS

FLOOR & ROOF PLANS

**A112**

SHEET NUMBER: OF ? ARCHITECTURAL

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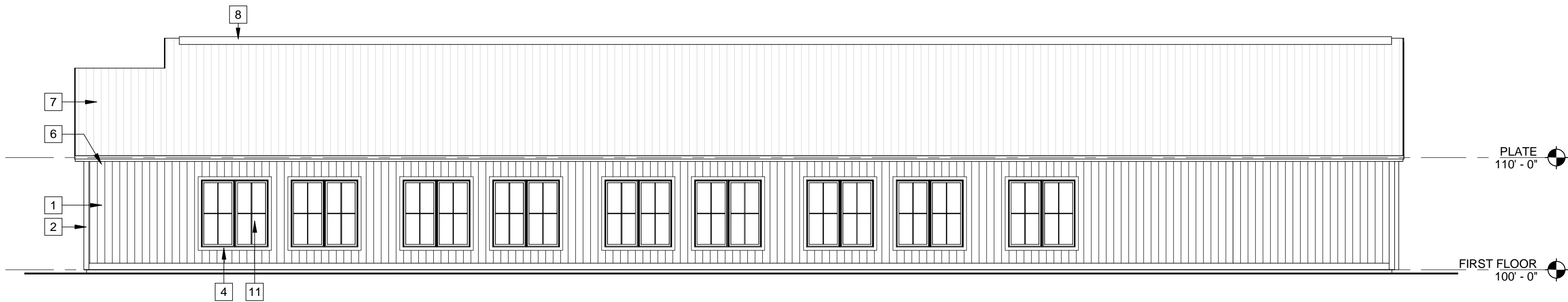
PROGRESS - NOT FOR CONSTRUCTION



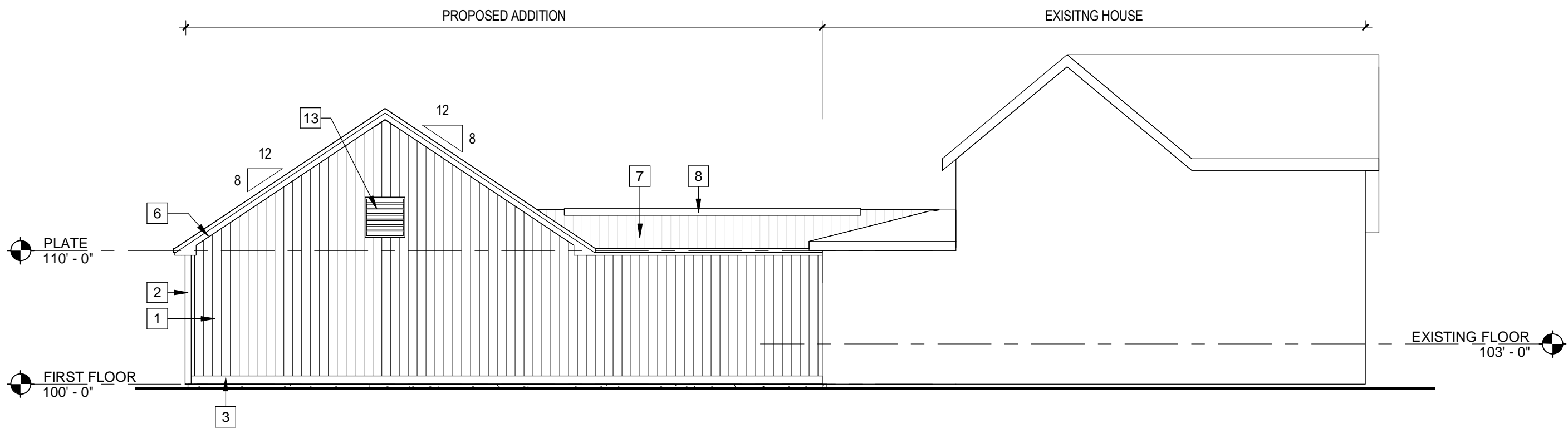
three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarter inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
P:\PROJECTS\3556 SWM\NH400 Design\420 Drawings\3556 SWM NH.rvt  
TEMPLATE DATE: 03/05/2019



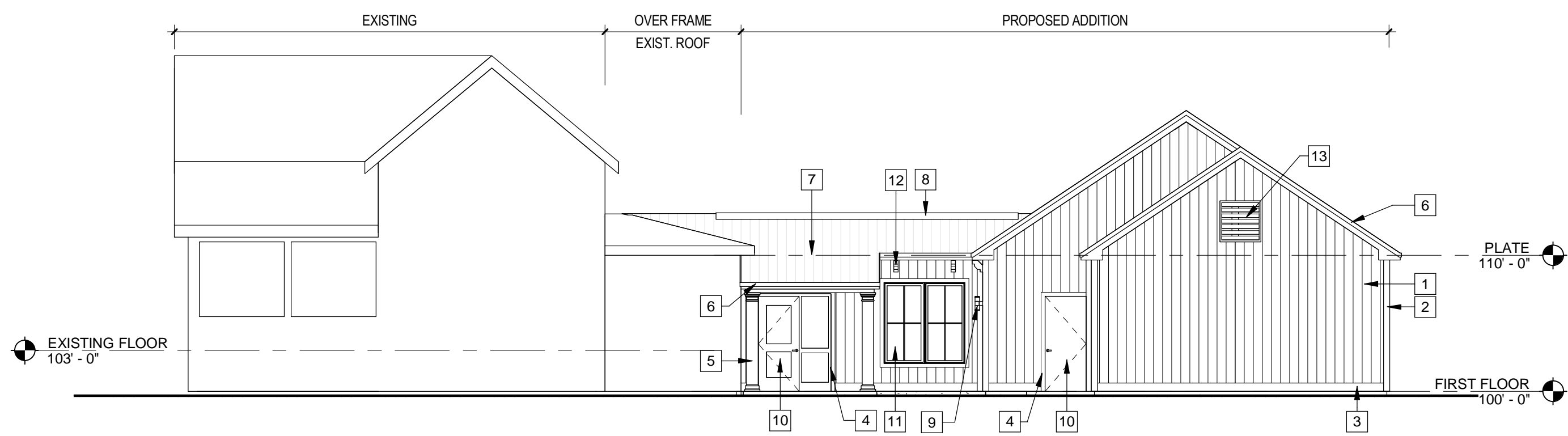
1 FRONT ELEVATION  
A100 1/8" = 1'-0"



2 REAR ELEVATION  
A100 1/8" = 1'-0"



3 LEFT ELEVATION  
A100 1/8" = 1'-0"



4 RIGHT ELEVATION  
A100 1/8" = 1'-0"

## GENERAL ELEVATION NOTES

1. REFER TO MECH DWGS FOR LOCATIONS OF LOUVERS AND VENTS. CONFIRM FINAL POSITION WITH ARCHITECT PRIOR TO ORDERING.

## ELEVATION LEGEND

- A KEYNOTE, SEE ELEVATION KEYNOTE LEGEND
- X WINDOW TAG, SEE DOOR SCHEDULE SHEET

## ELEVATION KEYNOTES

- 1 VERTICAL VINYL BOARD & BATTEN. BASIS OF DESIGN: CERTAINTED 7" BOARD & BATTEN. COLOR: 'HERRINGBONE'
- 2 6" PVC CORNER TRIM. WHITE
- 3 8" PVC WASHBOARD TRIM. WHITE
- 4 4" PVC CASING TRIM. WHITE
- 5 8" SQUARE PVC TRIMMED COLUMN. COLOR: WHITE
- 6 PVC FASCIA TRIM. WHITE
- 7 STANDING SEAM METAL ROOF. COLOR GRAY
- 8 RIDGE VENT
- 9 EXTERIOR LED ACCENT WALL-WASH DOWN LIGHT. COLOR: BLACK
- 10 INSULATED METAL DOOR, PAINTED. COLOR: TEAL
- 11 FIBERGLASS MULLED PICTURE WINDOW. COLOR: BLACK
- 12 4"x10"x10" PVC DECORATIVE BRACKET. COLOR: WHITE
- 13 MECHANICAL LOUVER



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EXTERIOR ELEVATIONS

A201

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