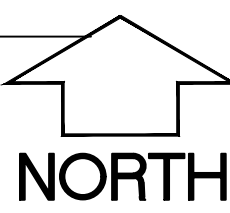


File: W:\2024\241232_Thrive Arch - Lighthouse School_Schroeder RD\dwg\241232_Civil Design.dwg Layout: Site Plan (2) User: Dan Plattled: Apr 23, 2024 - 9:36am

LOT 2
CSM 14642

LEGEND (PROPOSED)

- PROPOSED PROPERTY BOUNDARY
- EASEMENT
- BUILDING FOOTPRINT
- 18" CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- STORMWATER TREATMENT FACILITY



- GENERAL NOTES**
- UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS SURVEYED BY WYSER ENGINEERING ON THE WEEK OF APRIL 15, 2024. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
 - THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
 - CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
 - WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
 - IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
 - ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

SITE INFORMATION BLOCK:

SITE ADDRESS: 6402 SCHROEDER ROAD
 SITE ACREAGE (LOT 1 OF CSM 14642): 155,984 SQ.FT. (3.58 AC)
 USE OF PROPERTY: INSTITUTIONAL (SCHOOL / FOOD PANTRY / CHURCH)
 ZONING: SUBURBAN EMPLOYMENT (SE)

SETBACKS:
 FRONT YARD (SCHROEDER ROAD): 0- FEET
 SIDE YARD (RAY-O-VAC DRIVE): 0- FEET
 REAR YARD (NORTH): 30- FEET
 SIDE YARD (WEST): 15- FEET

NUMBER OF CLASSROOMS (NEW): 22 (3)
 NUMBER OF STUDENTS (NEW): 225 (45)

NO MIN. PARKING IN SE DISTRICT.
 TOTAL NUMBER OF PARKING STALLS: 79
 NUMBER OF STALLS DESIGNATED ACCESSIBLE: 3

BIKE STALLS REQUIRED (1 PER 5 STUDENTS): 45
 TOTAL NUMBER OF BIKE STALLS PROVIDED: 30

EXISTING IMPERVIOUS SURFACE AREA (PRIOR TO 2001): 76,268 SQ.FT.
 ROOFTOP: 37,222 SQ.FT.
 PAVED: 39,046 SQ.FT.

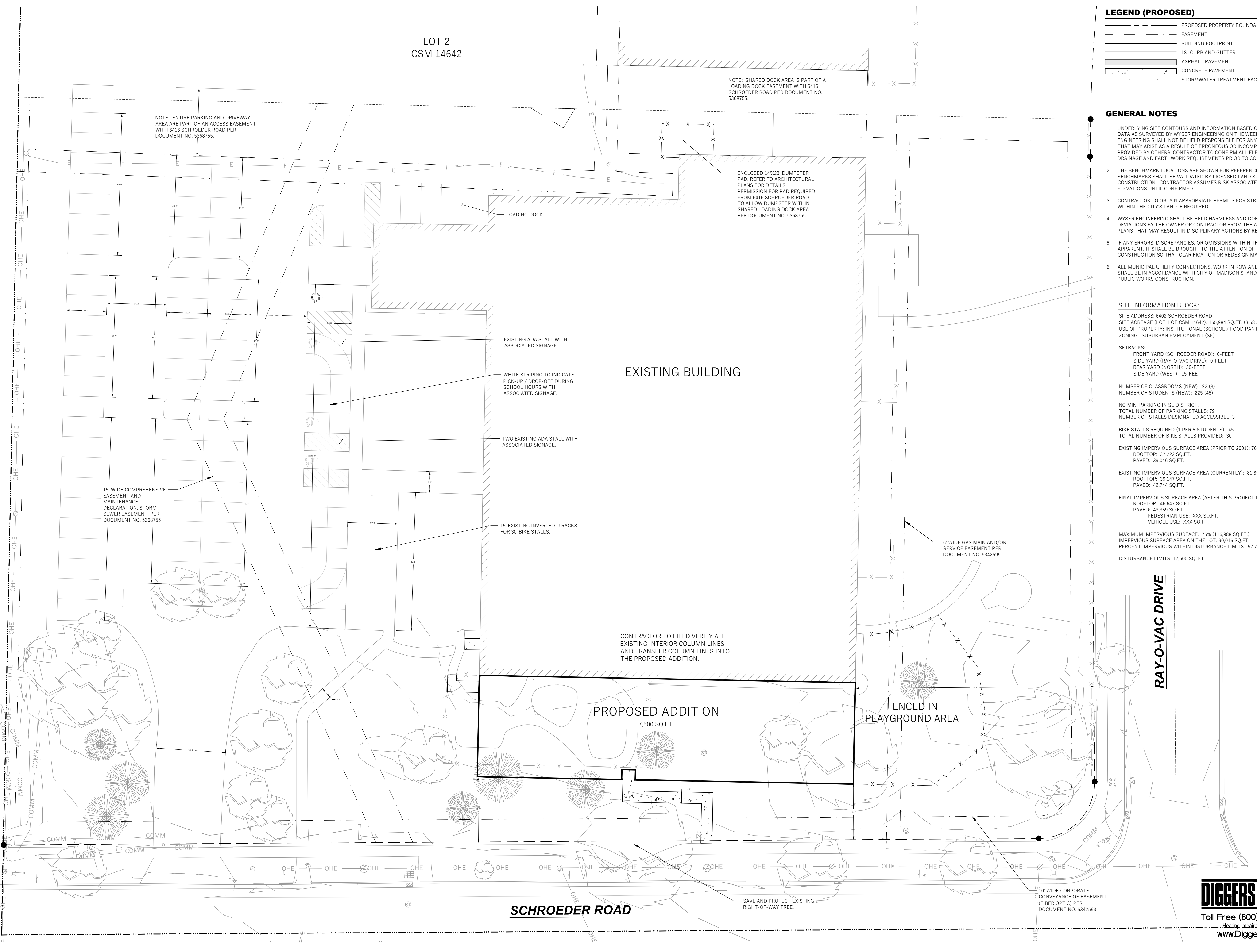
EXISTING IMPERVIOUS SURFACE AREA (CURRENTLY): 81,891 SQ.FT.
 ROOFTOP: 39,147 SQ.FT.
 PAVED: 42,744 SQ.FT.

FINAL IMPERVIOUS SURFACE AREA (AFTER THIS PROJECT IS COMPLETE): 90,016
 ROOFTOP: 46,647 SQ.FT.
 PAVED: 43,369 SQ.FT.

PEDESTRIAN USE: XXX SQ.FT.
 VEHICLE USE: XXX SQ.FT.

MAXIMUM IMPERVIOUS SURFACE: 75% (116,988 SQ.FT.)
 IMPERVIOUS SURFACE AREA ON THE LOT: 90,016 SQ.FT.
 PERCENT IMPERVIOUS WITHIN DISTURBANCE LIMITS: 57.7%

DISTURBANCE LIMITS: 12,500 SQ. FT.



WYSER ENGINEERING

6402 SCHROEDER ROAD
MADISON, WI 53711

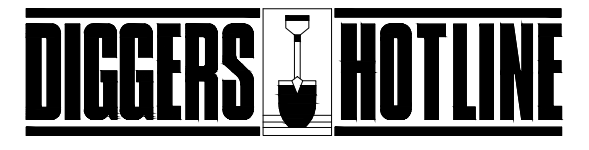
LIGHT HOUSE CHRISTIAN SCHOOL
ADDITION

CITY OF MADISON, DANE COUNTY, WI

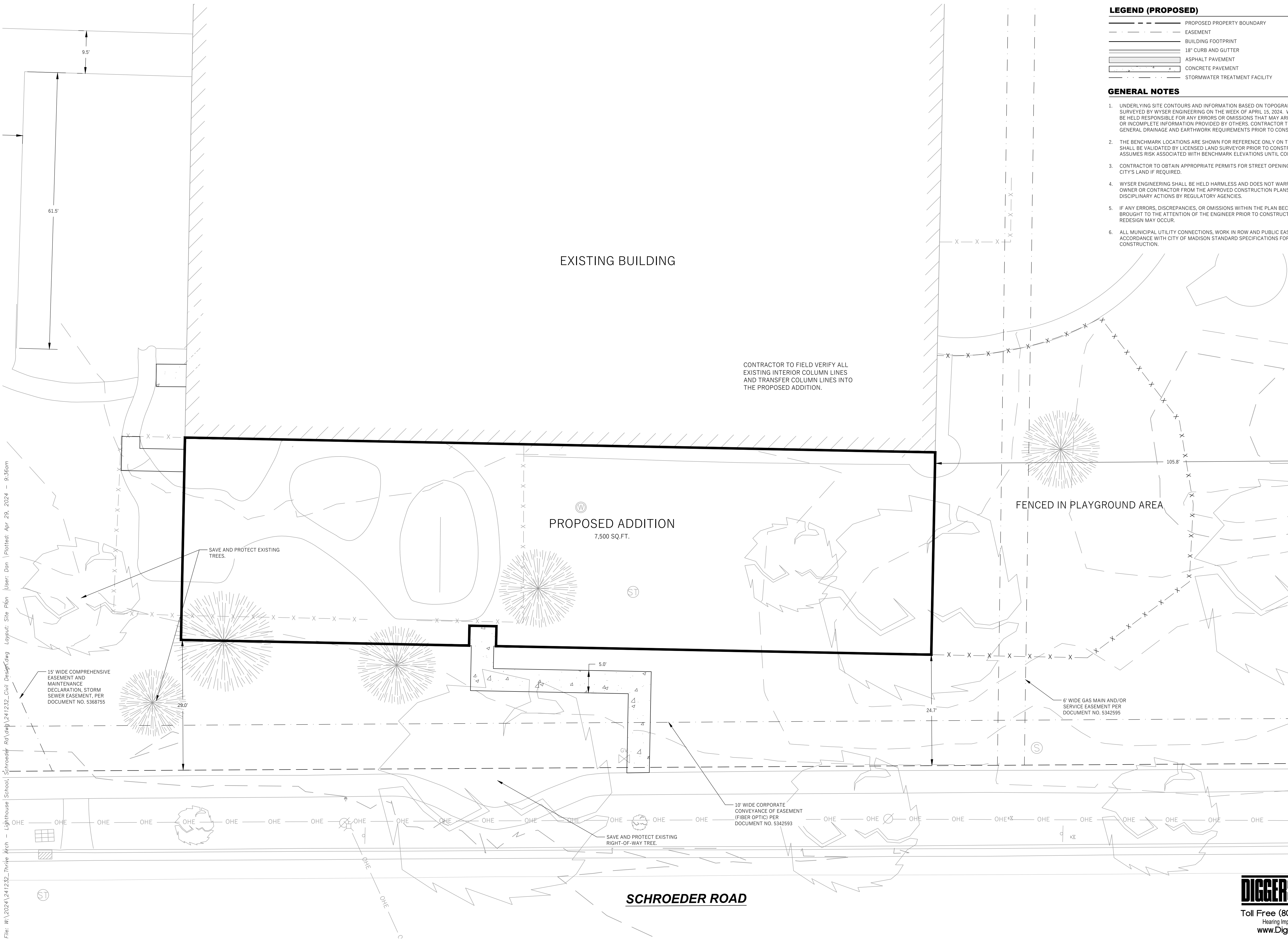
Sheet Title:
SITE PLAN - OVERALL SITE

No.	Date:	Description:

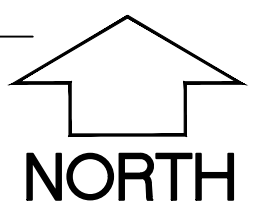
Graphic Scale	0' 5' 10' 20' 30'
Wyser Number	24-1232
Set Type	UDC
Date Issued	04/29/2024
Sheet Number	C100



Toll Free (800) 242-8511 - or - 811
 Hearing Impaired TDD (800) 542-2289
 www.DiggersHotline.com



- LEGEND (PROPOSED)**
- PROPOSED PROPERTY BOUNDARY
 - - - EASEMENT
 - ▭ BUILDING FOOTPRINT
 - ▬ 18" CURB AND GUTTER
 - ▬ ASPHALT PAVEMENT
 - ▬ CONCRETE PAVEMENT
 - ▬ STORMWATER TREATMENT FACILITY



- GENERAL NOTES**
1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS SURVEYED BY WYSER ENGINEERING ON THE WEEK OF APRIL 15, 2024. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
 2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
 3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
 4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
 5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
 6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

EXISTING BUILDING

CONTRACTOR TO FIELD VERIFY ALL EXISTING INTERIOR COLUMN LINES AND TRANSFER COLUMN LINES INTO THE PROPOSED ADDITION.

PROPOSED ADDITION
7,500 SQ.FT.

FENCED IN PLAYGROUND AREA

File: W:\2024\241232_Thrive Arch - Lighthouse School\ Schroeder Rd\wp\h\241232_Civil_Design.dwg Layout: Site Plan User: Dan Plottext: Apr 29, 2024 - 9:36am

Revisions:

No.	Date:	Description:

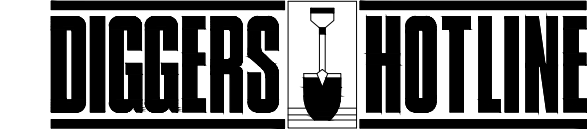
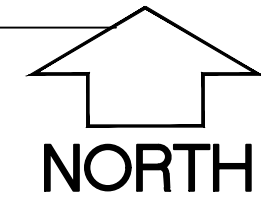
Graphic Scale	0' 5' 10' 15'
Wysen Number	24-1232
Set Type	UDC
Date Issued	04/29/2024
Sheet Number	C101

DIGGERS HOTLINE
Toll Free (800) 242-8511 -or- 811
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

LOT 2
CSM 14642

LEGEND (PROPOSED)

- PROPERTY BOUNDARY
- EASEMENT
- BUILDING FOOTPRINT



Toll Free (800) 242-8511 -or- 811
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

WYSER
ENGINEERING

PAUL SKIDMORE,
LANDSCAPE ARCHITECT,
LLC

6402 SCHROEDER ROAD
MADISON, WI 53711

LIGHT HOUSE CHRISTIAN SCHOOL
ADDITION
CITY OF MADISON, DANE COUNTY, WI

Sheet Title:
LANDSCAPE PLAN - EXISTING PLANTS

Revisions:

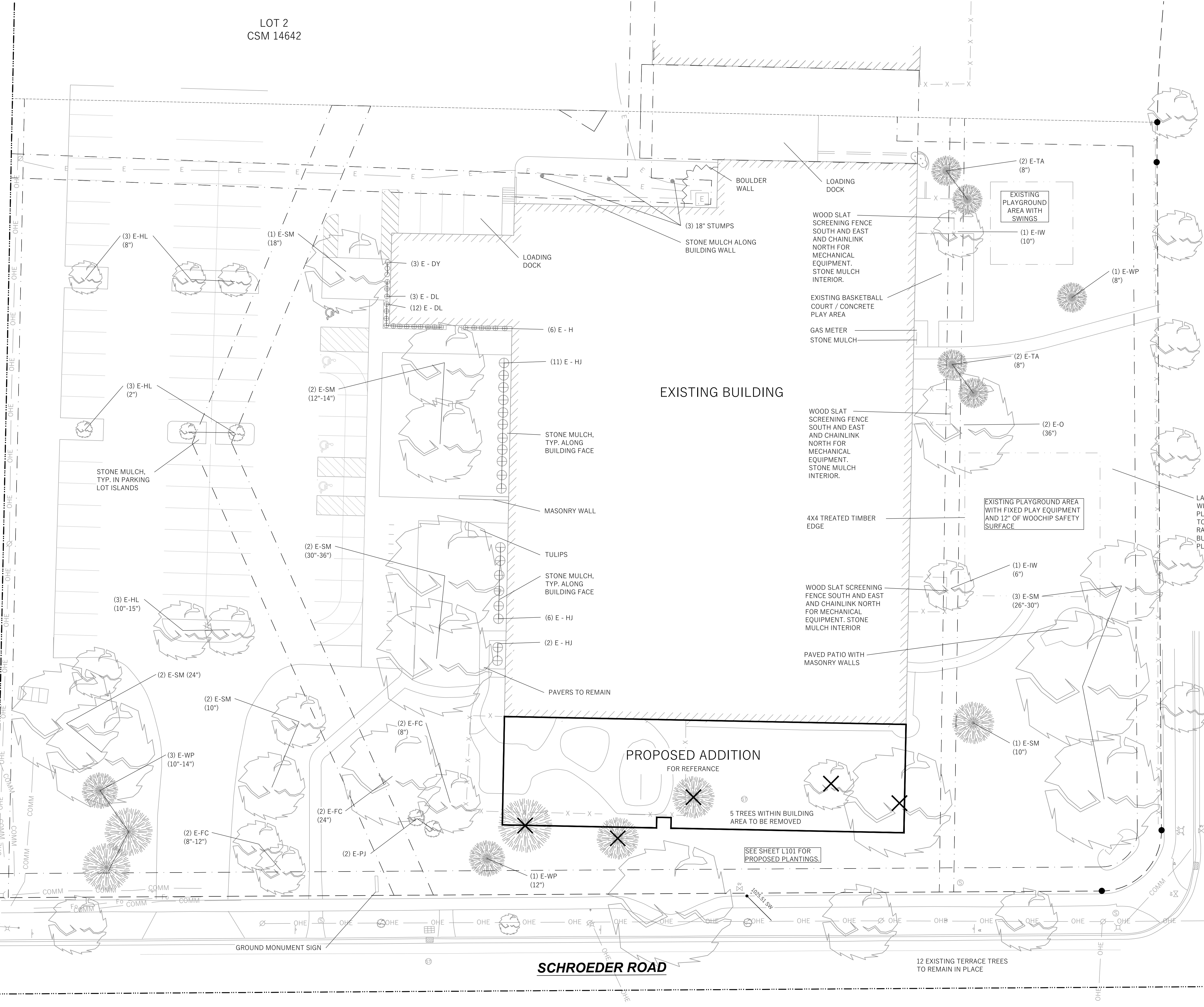
No.	Date:	Description:

Graphic Scale: 0' 5' 10' 20' 30'

Wysér Number	24-1232
Set Type	UDC
Date Issued	05/07/2024
Sheet Number	L100

LANDS

File: W:\2024\241232_Thrive Arch - Lighthouse School_Schroeder Rd\Wg\241232_Landscape Plan.dwg Layout: L100 User: Don Plot Date: May 07, 2024 - 7:50am



RAY-O-VAC DRIVE

SCHROEDER ROAD

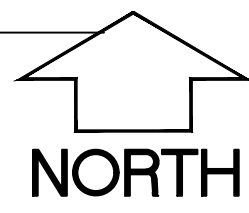
LANDSCAPE WORKSHEET

Zoning Category:	Suburban Employment (SE)
Landscape Points Required	
Developed Area =	43,369 SF
Landscape Points: 43,369 / 300 x 5 =	723 points
Total Landscape Points Required	723 points
Landscape Points Supplied	
Existing canopy trees - 22 @ 35 =	770 points
Proposed canopy trees - 11 @ 35 =	385 points
Existing evergreen trees - 10 @ 35 =	350 points
Proposed evergreen trees - 3 @ 35 =	105 points
Existing ornamental trees - 6 @ 15 =	90 points
Proposed ornamental trees - 7 @ 15 =	105 points
Existing upright evergreen shrubs - 0 @ 10 =	0 points
Proposed upright evergreen shrubs - 3 @ 10 =	30 points
Existing deciduous shrubs - 0 @ 3 =	0 points
Proposed deciduous shrubs - 173 @ 3 =	519 points
Existing evergreen shrubs - 24 @ 4 =	96 points
Proposed evergreen shrubs - 56 @ 4 =	212 points
Existing perennials & grasses 21 @ 2 =	21 points
Proposed perennials & grasses 28 @ 2 =	56 points
Total landscape points supplied =	2,760 points
Lot Frontage Landscape Required (Section 28.142(5) Development Frontage Landscaping)	
One (1) over-story deciduous tree and five (5) shrubs shall be planted for each thirty (30) lineal feet of lot frontage. Two (2) ornamental trees or two (2) evergreen trees may be used in place of one (1) over-story deciduous tree.	
Schroeder Road & Ray-O-Vac Drive =	800 LF
Over story trees required 800/30' = 26.6	27 trees
Shrubs required (800/30') x 5 = 133.3	133 shrubs
Over story trees supplied	16 trees
Ornamental or evergreen trees supplied	23 trees
Shrubs supplied	137 shrubs

LOT 2
CSM 14642

LEGEND (PROPOSED)

PROPERTY BOUNDARY
EASEMENT
BUILDING FOOTPRINT



WYSER
ENGINEERING

LANDS

SEE SHEET L100 FOR EXISTING
PLANTINGS TO REMAIN.

EXISTING BUILDING

PLANT LIST

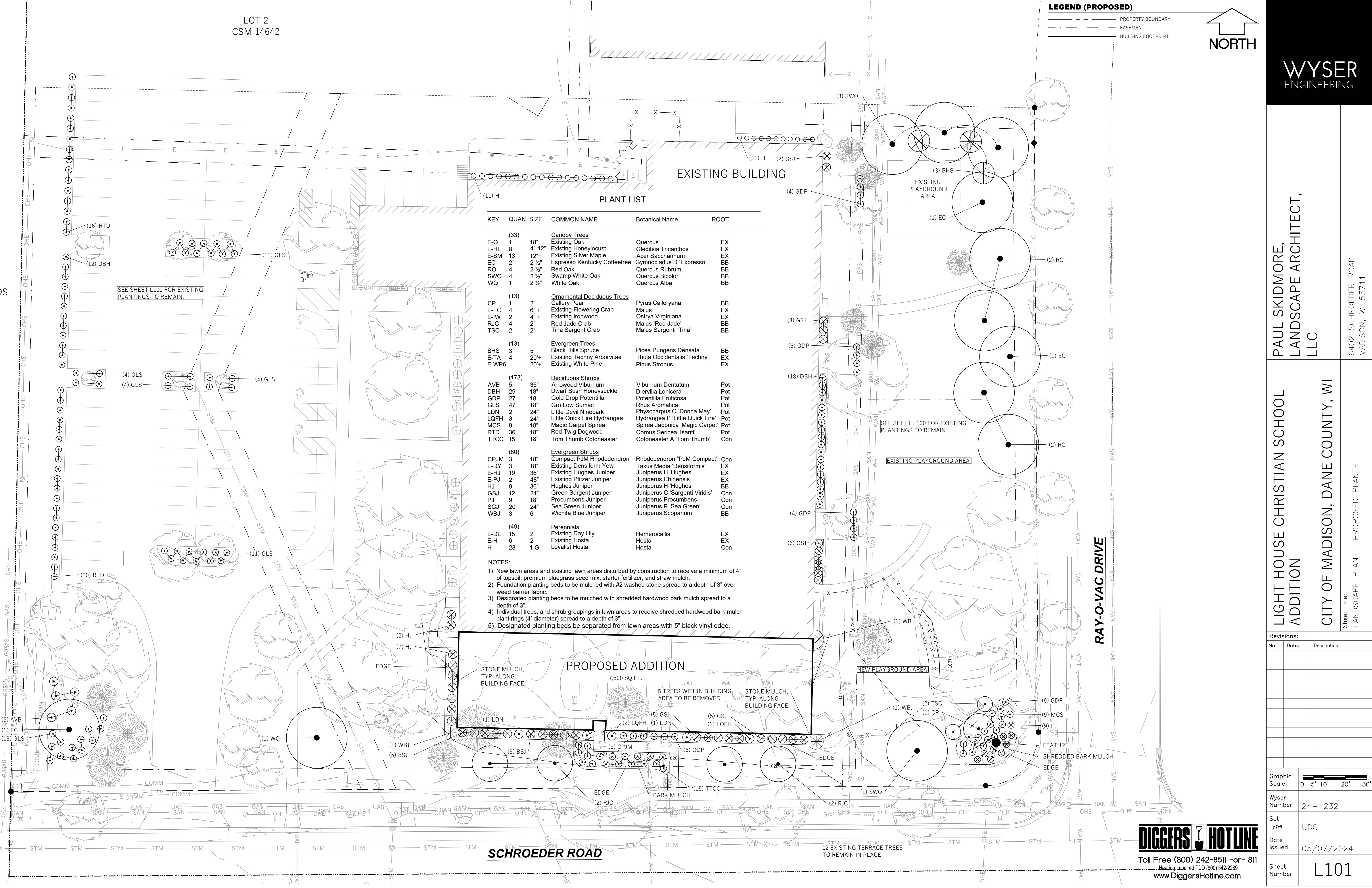
KEY	QUAN	SIZE	COMMON NAME	Botanical Name	ROOT
(33)			Canopy Trees		
E-O	1	18"	Existing Oak	Quercus	EX
E-HL	8	4"-12"	Existing Honeylocust	Gleditsia Tricanthos	EX
E-SM	13	12"+	Existing Silver Maple	Acer Saccharinum	EX
EC	2	2 1/2"	Espresso Kentucky Coffeetree	Gymnocladus D 'Espresso'	BB
RO	4	2 1/2"	Red Oak	Quercus Rubrum	BB
SWO	4	2 1/2"	Swamp White Oak	Quercus Bicolor	BB
WO	1	2 1/2"	White Oak	Quercus Alba	BB
(13)			Ornamental Deciduous Trees		
CP	1	2"	Callery Pear	Pyrus Calleryana	BB
E-FC	4	6"+	Existing Flowering Crab	Malus	EX
E-IW	2	4"+	Existing Ironwood	Ostrya Virginiana	EX
RJC	4	2"	Red Jade Crab	Malus 'Red Jade'	BB
TSC	2	2"	Tina Sargent Crab	Malus Sargentii 'Tina'	BB
(13)			Evergreen Trees		
BHS	3	5'	Black Hills Spruce	Picea Pungens Densata	BB
E-TA	4	20'+	Existing Techny Arborvitae	Thuja Occidentalis 'Techny'	EX
E-WP6	20'+		Existing White Pine	Pinus Strobus	EX
(173)			Deciduous Shrubs		
AVB	5	36"	Arrowood Viburnum	Viburnum Dentatum	Pot
DBH	29	18"	Dwarf Bush Honeysuckle	Diervilla Lonicera	Pot
GDP	27	18"	Gold Drop Potentilla	Potentilla Fruticosa	Pot
GLS	47	18"	Gro Low Sumac	Rhus Aromatica	Pot
LDN	2	24"	Little Devil Ninebark	Physocarpus O 'Donna May'	Pot
LQFH	3	24"	Little Quick Fire Hydrangea	Hydrangea P 'Little Quick Fire'	Pot
MCS	9	18"	Magic Carpet Spirea	Spirea Japonica 'Magic Carpet'	Pot
RTD	36	18"	Red Twig Dogwood	Cornus Sericea 'Isanti'	Pot
TTCC	15	18"	Tom Thumb Coloneaster	Coloneaster A 'Tom Thumb'	Con
(80)			Evergreen Shrubs		
CPJM	3	18"	Compact PJM Rhododendron	Rhododendron 'PJM Compact'	Con
E-DY	3	18"	Existing Densiform Yew	Taxus Media 'Densiformis'	EX
E-HJ	19	36"	Existing Hughes Juniper	Juniperus H 'Hughes'	EX
E-PJ	2	48"	Existing Pfizer Juniper	Juniperus Chinensis	EX
HJ	9	36"	Hughes Juniper	Juniperus H 'Hughes'	BB
GSJ	12	24"	Green Sargent Juniper	Juniperus C 'Sargentii Viridis'	Con
PJ	9	18"	Procumbens Juniper	Juniperus Procumbens	Con
SGJ	20	24"	Sea Green Juniper	Juniperus P 'Sea Green'	Con
WBJ	3	6"	Wichita Blue Juniper	Juniperus Scoparium	BB
(49)			Perennials		
E-DL	15	2'	Existing Day Lily	Heremacallis	EX
E-H	6	2'	Existing Hosta	Hosta	EX
H	28	1 G	Loyalist Hosta	Hosta	Con

NOTES:

- 1) New lawn areas and existing lawn areas disturbed by construction to receive a minimum of 4" of topsoil, premium bluegrass seed mix, starter fertilizer, and straw mulch.
- 2) Foundation planting beds to be mulched with #2 washed stone spread to a depth of 3" over weed barrier fabric.
- 3) Designated planting beds to be mulched with shredded hardwood bark mulch spread to a depth of 3".
- 4) Individual trees, and shrub groupings in lawn areas to receive shredded hardwood bark mulch plant rings (4' diameter) spread to a depth of 3".
- 5) Designated planting beds be separated from lawn areas with 5" black vinyl edge.

PROPOSED ADDITION

7,500 SQ.FT.
5 TREES WITHIN BUILDING AREA TO BE REMOVED
STONE MULCH, TYP. ALONG BUILDING FACE



PAUL SKIDMORE,
LANDSCAPE ARCHITECT,
LLC

6402 SCHROEDER ROAD
MADISON, WI 53711

LIGHT HOUSE CHRISTIAN SCHOOL
ADDITION
CITY OF MADISON, DANE COUNTY, WI

Sheet Title:
LANDSCAPE PLAN - PROPOSED PLANTS

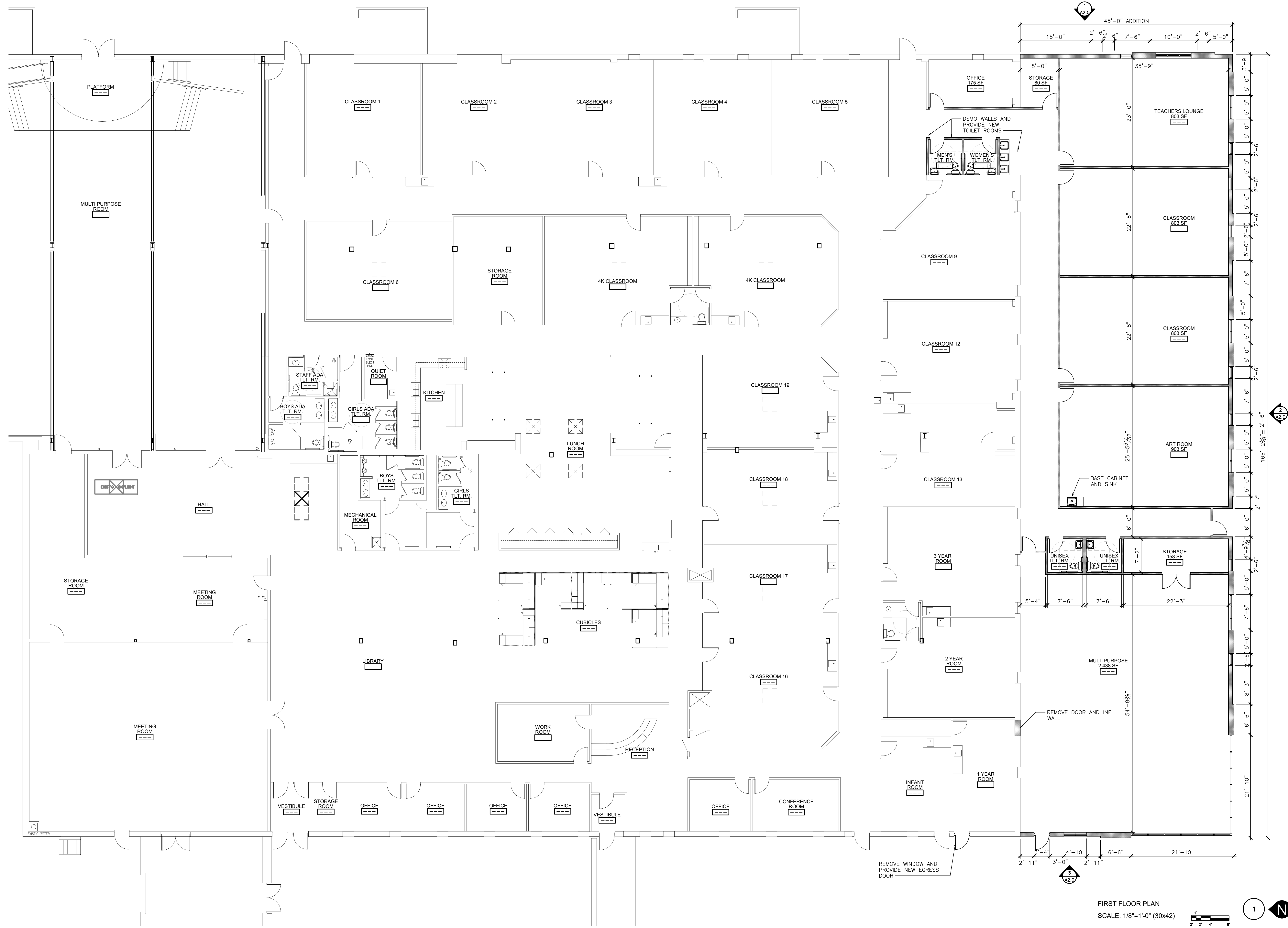
Revisions:

No.	Date:	Description:

Graphic Scale	0' 5' 10' 20' 30'
Wyser Number	24-1232
Set Type	UDC
Date Issued	05/07/2024
Sheet Number	L101

DIGGERS HOTLINE
Toll Free (800) 242-8511 -or- 811
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

File: W:\2024\241232_Thrive Arch - Lighthouse School_Schroeder_R0\wg\241232_Landscape Plan.dwg Layout: L101 User: Don Plottext: May 06, 2024 - 7:57am



FLOOR PLAN

Drawn by	Checked by
NJH	JMS

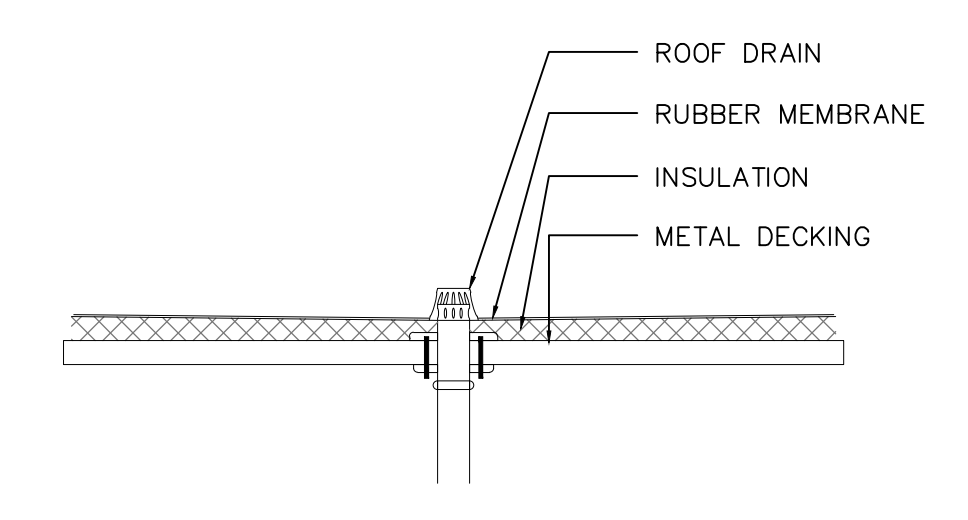
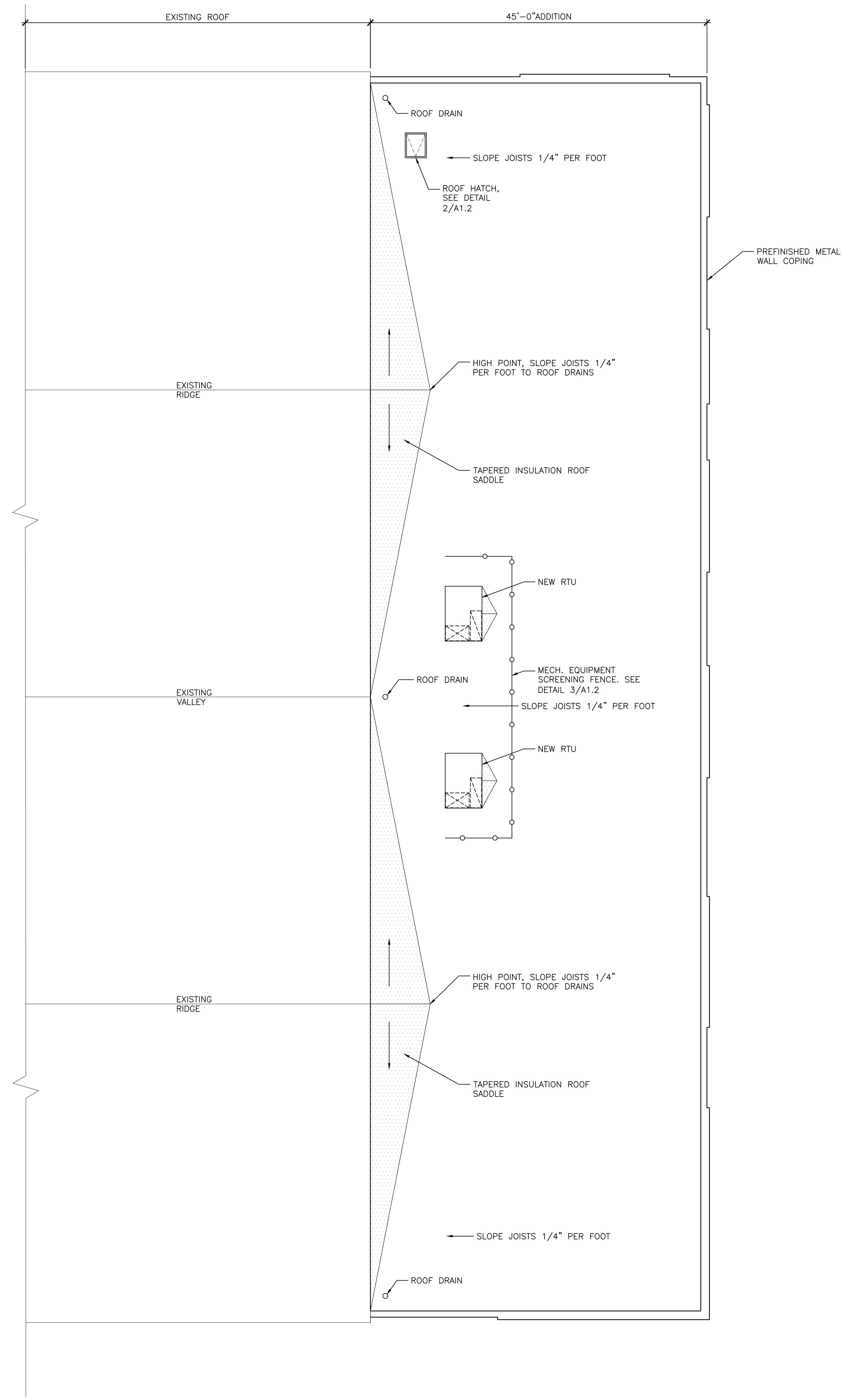
Revisions		
No.	Date	Description
03.19.24		Budget Set
04.08.24		UDC Submittal
04.29.24		UDC Submittal

PRELIMINARY - NOT FOR CONSTRUCTION

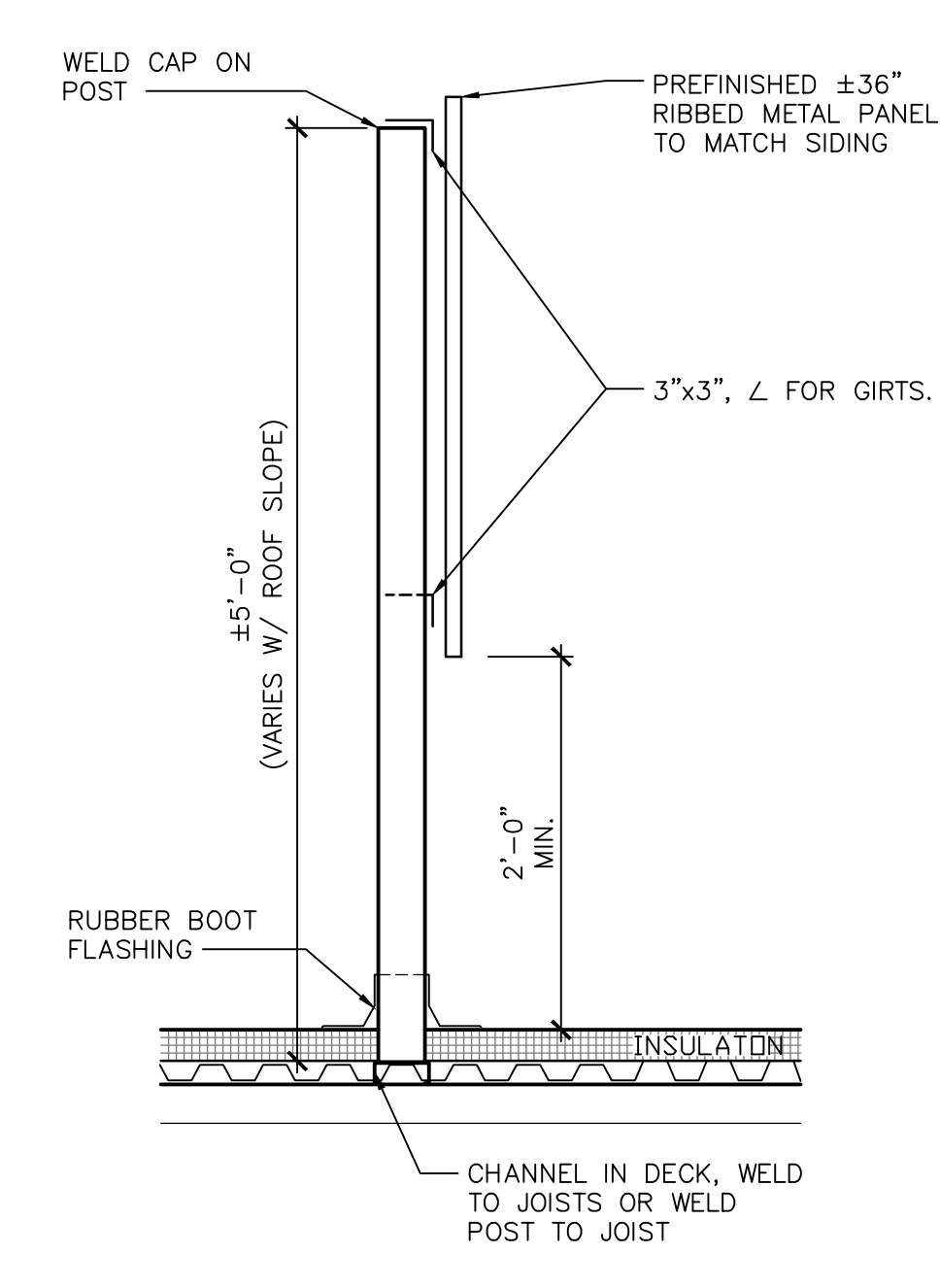
PARTIAL ROOF PLAN

Drawn by	Checked by
NJH	JMS

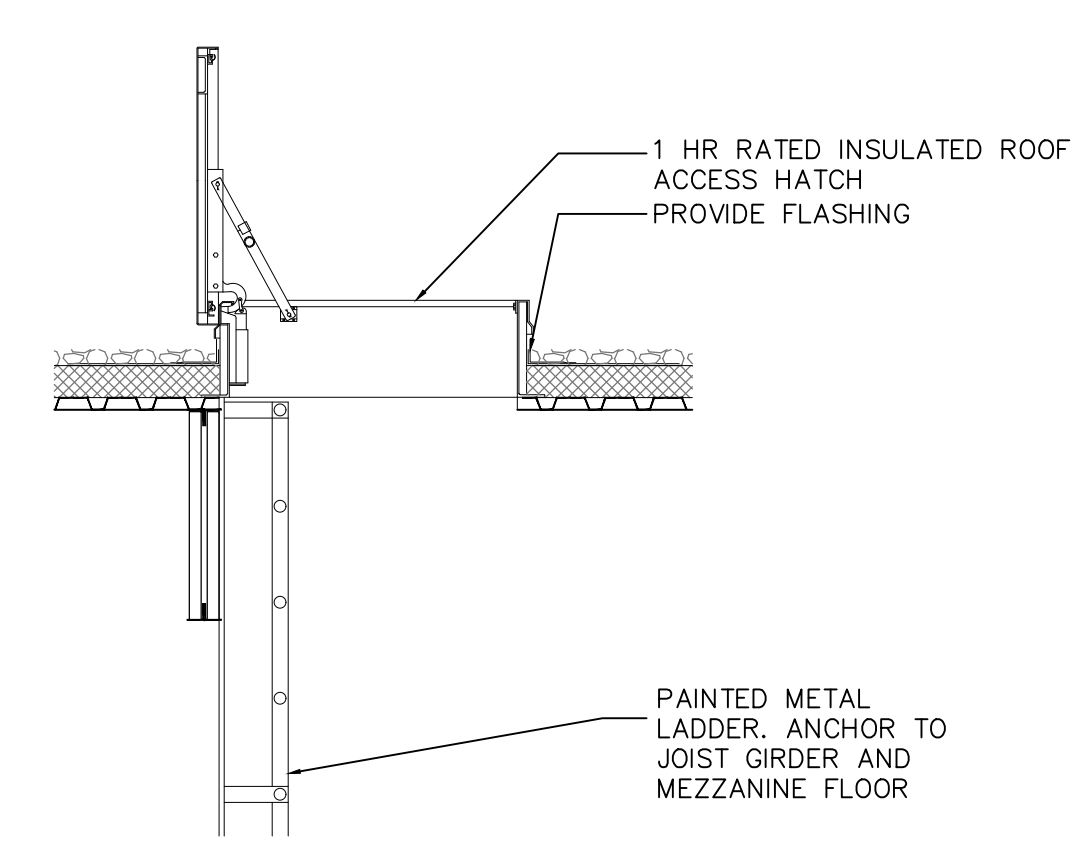
Revisions		
No.	Date	Description
03.19.24		Budget Set
04.08.24		UDC Submittal
04.29.24		UDC Submittal



ROOF DRAIN DETAIL
SCALE: 1"=1'-0" (30x42) 4



RTU SCREENING FENCE DETAIL/SECTION
SCALE: 1"=1'-0" (30x42) 3

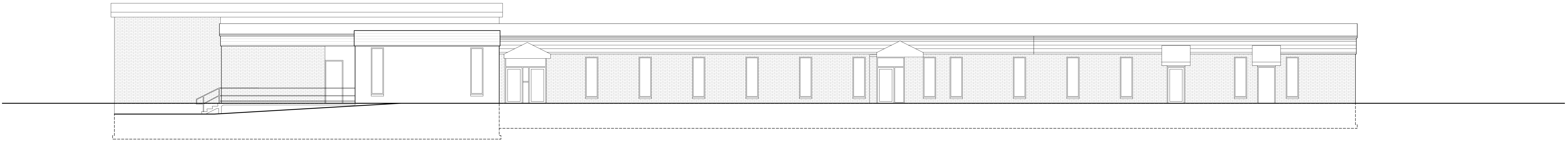


ROOF HATCH/LADDER DETAIL
SCALE: 1/2"=1'-0" (30x42) 2

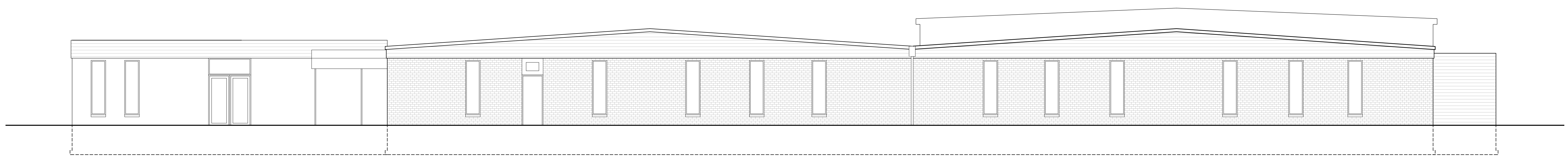
PRELIMINARY - NOT FOR CONSTRUCTION



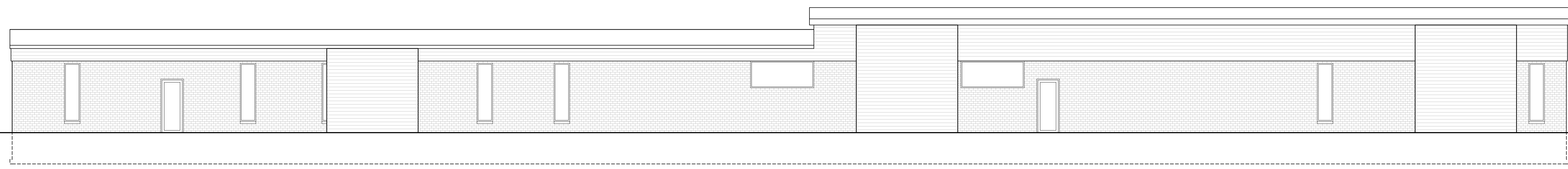
EXISTING GOOGLE STREET VIEW - OCT. 2023
SCALE: NTS



EXISTING WEST ELEVATION - SEE SHEET A2.1 FOR PROPOSED ELEVATIONS
SCALE: 1/8"=1'-0" (30x42)



EXISTING SOUTH ELEVATION - SEE SHEET A2.1 FOR PROPOSED ELEVATIONS
SCALE: 1/8"=1'-0" (30x42)



EXISTING EAST ELEVATION - SEE SHEET A2.1 FOR PROPOSED ELEVATIONS
SCALE: 1/8"=1'-0" (30x42)

EXISTING ELEVATIONS

Drawn by	Checked by
NJH	JMS

Revisions		
No.	Date	Description
03.19.24		Budget Set
04.08.24		UDC Submittal
04.29.24		UDC Submittal

PRELIMINARY - NOT FOR CONSTRUCTION

BIRD SAFE GLASS ORDINANCE
PER 28.129(4)(g)2
FOR BUILDING FAÇADES WHERE THE FIRST SIXTY (60) FEET FROM GRADE ARE COMPRISED OF LESS THAN FIFTY PERCENT (50%) GLASS:
a. AT LEAST EIGHTY-FIVE PERCENT (85%) OF THE GLASS ON GLASS AREAS FIFTY (50) SQUARE FEET OR OVER MUST BE TREATED; AND
b. OF ALL GLASS AREAS OVER FIFTY (50) SQUARE FEET, ANY GLASS WITHIN FIFTEEN (15) FEET OF A BUILDING CORNER MUST BE TREATED.

BIRD SAFE GLASS CALCULATIONS
SOUTH ELEVATION AREA = 2,265 S.F.
SOUTH ELEVATION WINDOW AREA = 327.5 S.F.
EAST ELEVATION AREA = 590 S.F.
EAST ELEVATION WINDOW AREA = 51 S.F.
WEST ELEVATION AREA = 669 S.F.
WEST ELEVATION WINDOW AREA = 135 S.F.
WINDOW AREA LESS THAN 50% OF FAÇADE
TYP. WINDOW AREA (SINGLE) = 13 S.F.
TYP. WINDOW AREA (PAIR OF WINDOWS) = 25.5 S.F.
TYP. WINDOW AREA (3 SETS OF WINDOWS) = 38.2 S.F.
PROVIDING BIRD SAFE GLAZING AT SWC CLUSTER OF WINDOWS ON SOUTH AND WEST FAÇADE PER ORDINANCE

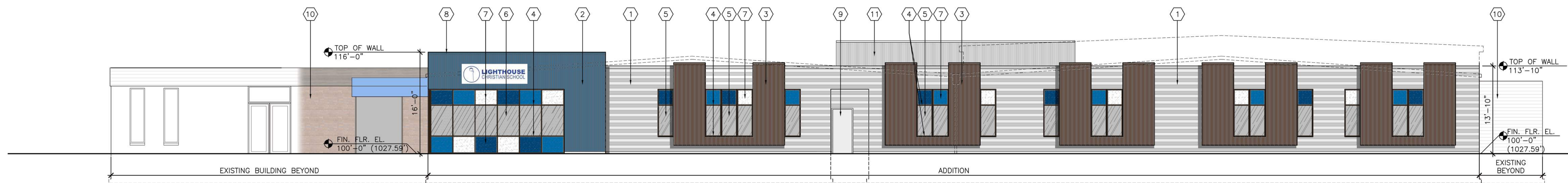
- ELEVATION KEYNOTES**
- 1 METAL PANEL SIDING = PAC-CLAD HIGHLINE B2, COLOR - STONE WHITE
 - 2 METAL PANEL SIDING = PAC-CLAD HIGHLINE S2, COLOR - PACIFIC BLUE
 - 3 COMPOSITE SIDING = AZEK - TIMBERTECH CLOSED JOINT SIDING, COLOR ENGLISH WALNUT.
 - 4 ALUMINUM STOREFRONT, COLOR - DARK BRONZE.
 - 5 1" INSULATED, CLEAR, LOW-E GLAZING
 - 6 1" INSULATED, CLEAR, LOW-E GLAZING w/ BIRD SAFE FILM/PATTERN
 - 7 1" INSULATED ALUMINUM PANEL. VARIOUS COLORS TO MATCH PAC-CLAD INTERSTATE BLUE, BONE WHITE, AND BERKSHIRE BLUE.
 - 8 PRE-FINISHED METAL COPING. COLOR TO MATCH WALL (BELOW) COLOR.
 - 9 INSULATED METAL EXIT DOOR. PAINT TO MATCH ADJACENT WALL COLOR.
 - 10 EXISTING BUILDING - NO CHANGE TO MATERIALS
 - 11 METAL PANEL RTU SCREENING = PAC-CLAD HIGHLINE MI, COLOR - STONE WHITE



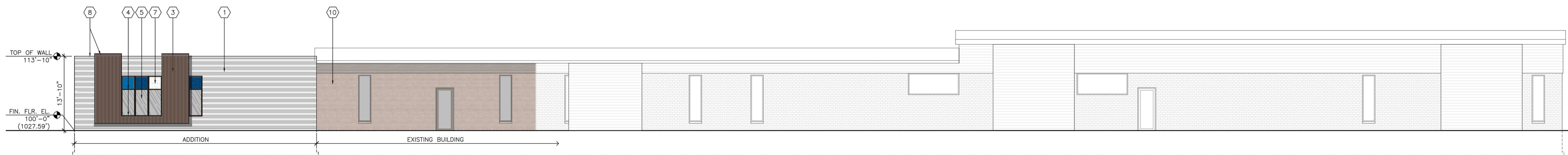
EXISTING GOOGLE STREET VIEW - OCT. 2023
SCALE: NTS



WEST ELEVATION
SCALE: 1/8"=1'-0" (30x42)



SOUTH ELEVATION
SCALE: 1/8"=1'-0" (30x42)



EAST ELEVATION
SCALE: 1/8"=1'-0" (30x42)

PROPOSED ELEVATIONS

Drawn by	Checked by
NJH	JMS

Revisions		
No.	Date	Description
03.19.24		Budget Set
04.08.24		UDC Submittal
04.29.24		UDC Submittal

Sheet No.

A2.1

PRELIMINARY - NOT FOR CONSTRUCTION



RENDERING - VIEW FROM SE w/ EXISTING BUILDING
N.T.S. 7



RENDERING - VIEW FROM SW w/ EXISTING BUILDING
N.T.S. 6



PERSPECTIVE RENDERING VIEW FROM SW
N.T.S. 3



PERSPECTIVE RENDERING VIEW FROM SW
N.T.S. 5



PERSPECTIVE RENDERING VIEW FROM SE
N.T.S. 2



PERSPECTIVE RENDERING VIEW FROM SW
N.T.S. 4



PERSPECTIVE RENDERING VIEW FROM SW - SCHROEDER AND LAURIE
N.T.S. 1

RENDERINGS

Drawn by	Checked by
NJH	JMS

Revisions		
No.	Date	Description
03.19.24		Budget Set
04.08.24		UDC Submittal
04.29.24		UDC Submittal

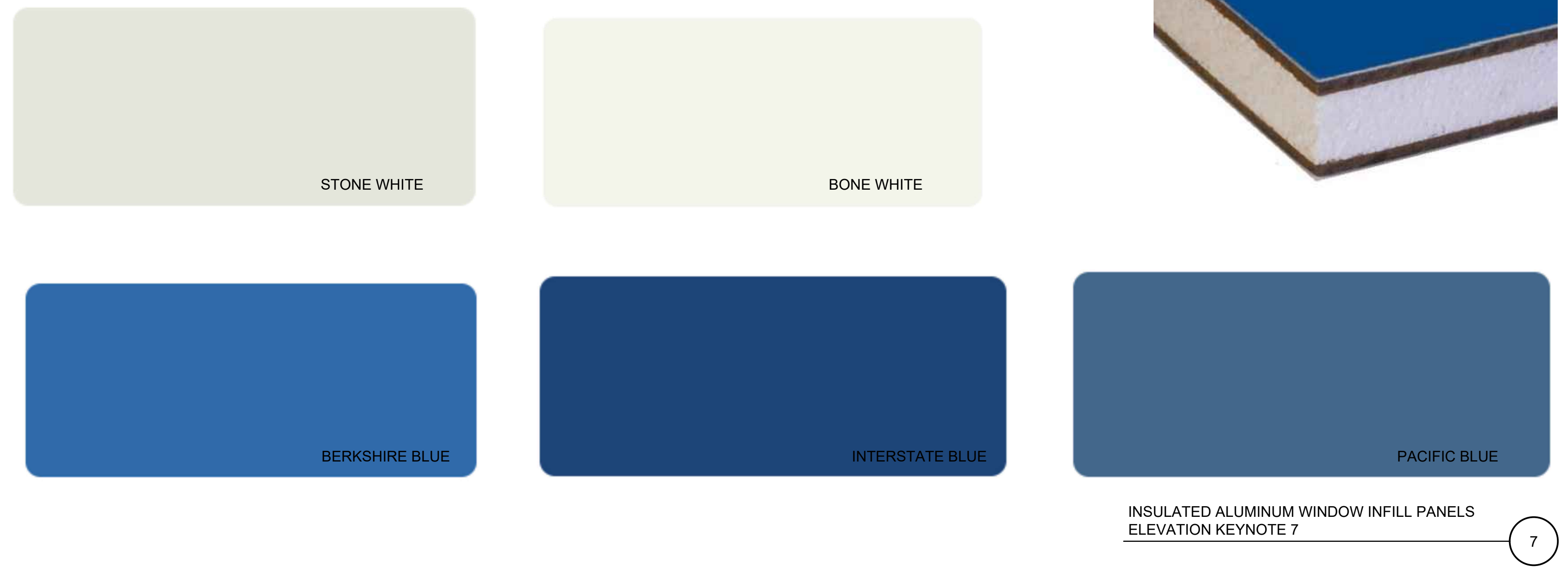
Sheet No.

A9.0

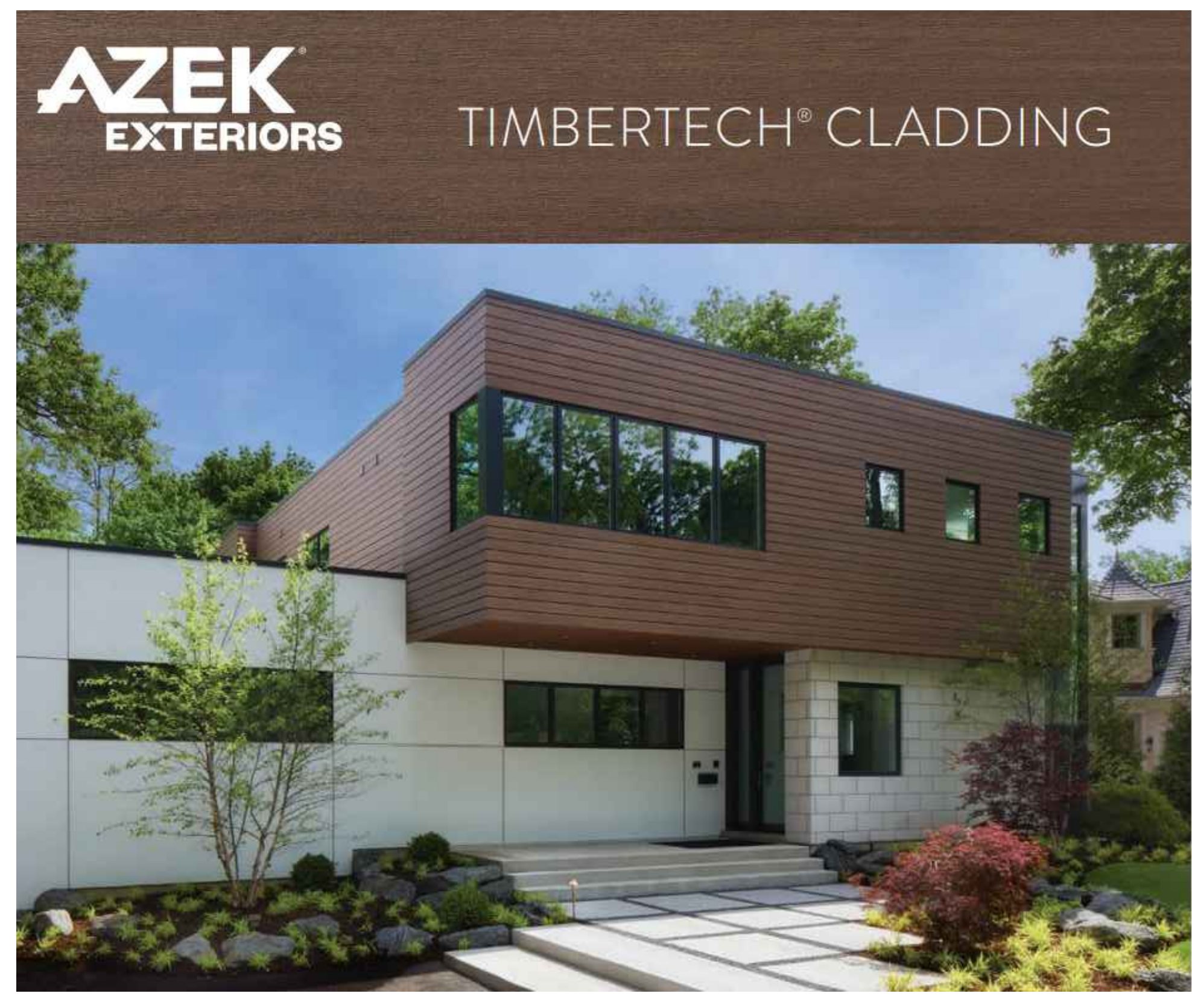
PRELIMINARY - NOT FOR CONSTRUCTION

Drawn by	Checked by
NJH	JMS

Revisions		
No.	Date	Description
03.19.24		Budget Set
04.08.24		UDC Submittal
04.29.24		UDC Submittal



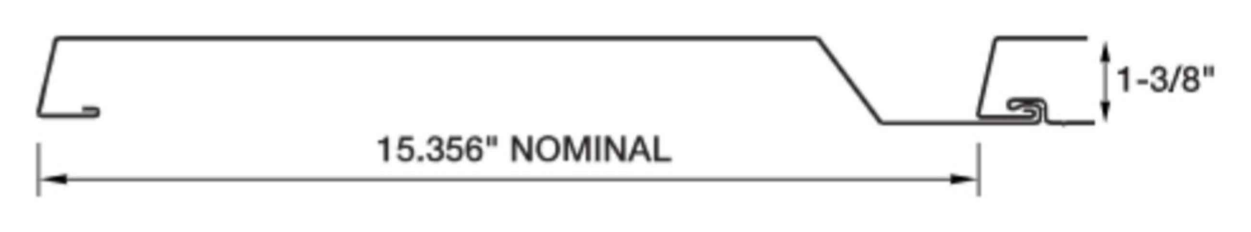
INSULATED ALUMINUM WINDOW INFILL PANELS
ELEVATION KEYNOTE 7



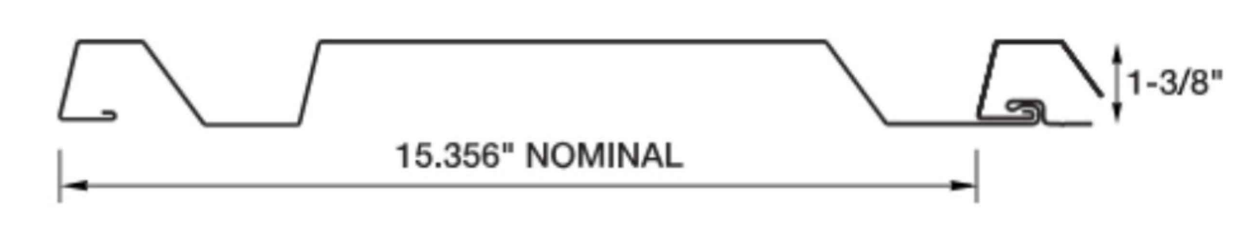
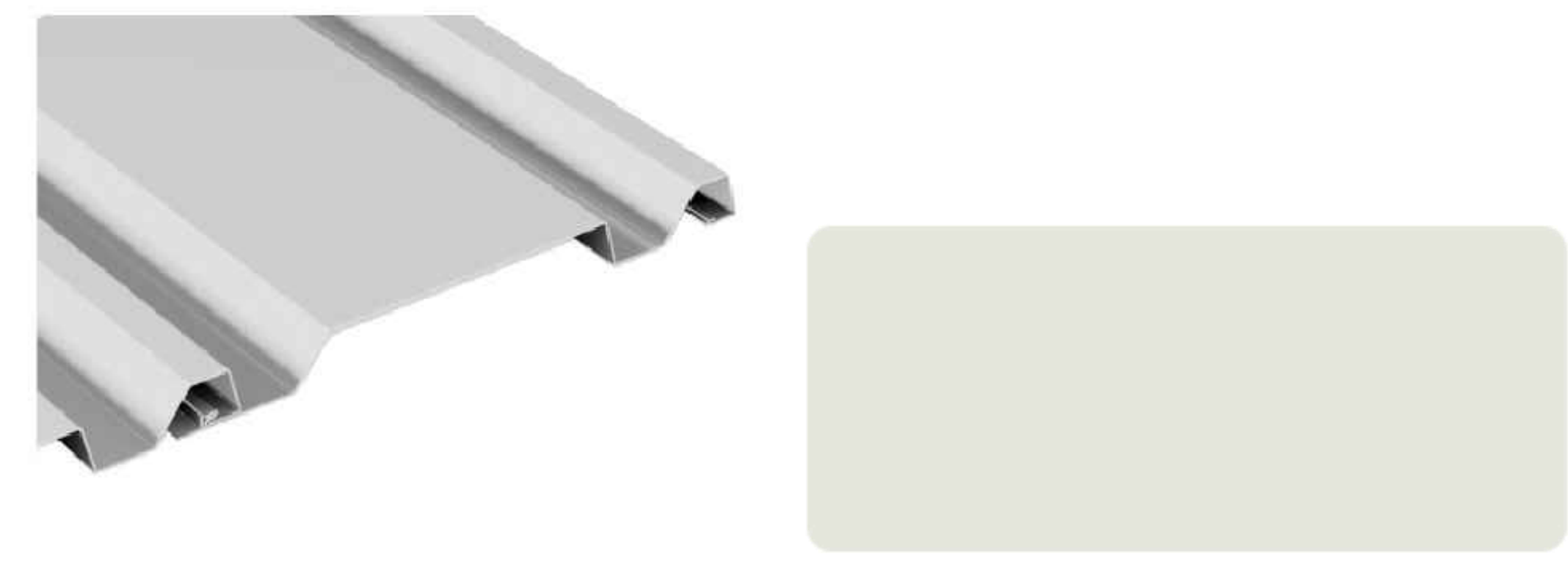
AZEK TIMBERTECH CLOSED JOINT SIDING
COLOR - ENGLISH WALNUT
ELEVATION KEYNOTE 3



STOREFRONT GLAZING SYSTEM
TUBELITE - T14000 SERIES - DARK BRONZE
ELEVATION KEYNOTE 4



METAL PANEL SIDING = PAC-CLAD
HIGHLINE S2, COLOR - PACIFIC BLUE
ELEVATION KEYNOTE 2



METAL PANEL SIDING = PAC-CLAD
HIGHLINE B2, COLOR - STONE WHITE
ELEVATION KEYNOTE 1

Vitro Architectural Glass

Product Data Sheet



Aesthetic Description
Solarban® 70 glass (formerly Solarban® 70XL glass) is a solar control, low-e glass that brilliantly combines the clear appearance of transparent, color-neutral glass with an exceptional combination of solar control and visible light transmittance (VLT). The world's first triple-silver, magnetron sputter vacuum deposition (MSVD) coating, Solarban® 70 glass expands the design possibilities for buildings in two important ways. First, Solarban® 70 glass enables architects to incorporate vast areas of vision glass into their designs without a corresponding increase in cooling equipment capacity. Second, architects can specify a clear aesthetic while achieving solar control performance that was once attainable only through the use of tinted glass and a solar control, low-e coating in an insulated glass unit (IGU).

Performance Options
When coupled with conventional clear glass in a one-inch IGU, Solarban® 70 glass achieves a Visible Light Transmittance (VLT) of 64 percent and a Solar Heat Gain Coefficient (SHGC) of 0.27 to produce a Light to Solar Gain (LSG) ratio of 2.37, making it one of the industry's highest performing glasses. The clear aesthetic of Solarban® 70 glass also makes the product exceptionally versatile, offering architects an extensive array of performance and appearance options. For instance, for projects that require advanced solar control performance, Solarban® 70 glass can be coated on the second (#2) surface of nearly all of



The Origin
Location: Dallas, TX | Product: Solarban® 70XL Glass | Architect of Record: Pappalardo+Partners, Inc. | Design Architect: Gensler | Glass Fabricator: Tuffair Glass and Aluminum Solutions | Glazing Contractor: Haley Green

Vitro Architectural Glass® (formerly PPG glass) wide range of tinted glasses to produce SHGCs as low as 0.19 and LSG ratios ranging from 1.68 to 2.15.

For more color and reflectivity choices, Solarban® 70 glass may be specified on the third (#3) surface of an IGU behind a tinted lite or in combination with Solarcoat® reflective or Visicoat® subtly reflective color-enhanced glasses.



1" - INSULATED, LOW-E GLAZING & BIRD GLAZING
ELEVATION KEYNOTES 5 & 6

PRELIMINARY - NOT FOR CONSTRUCTION