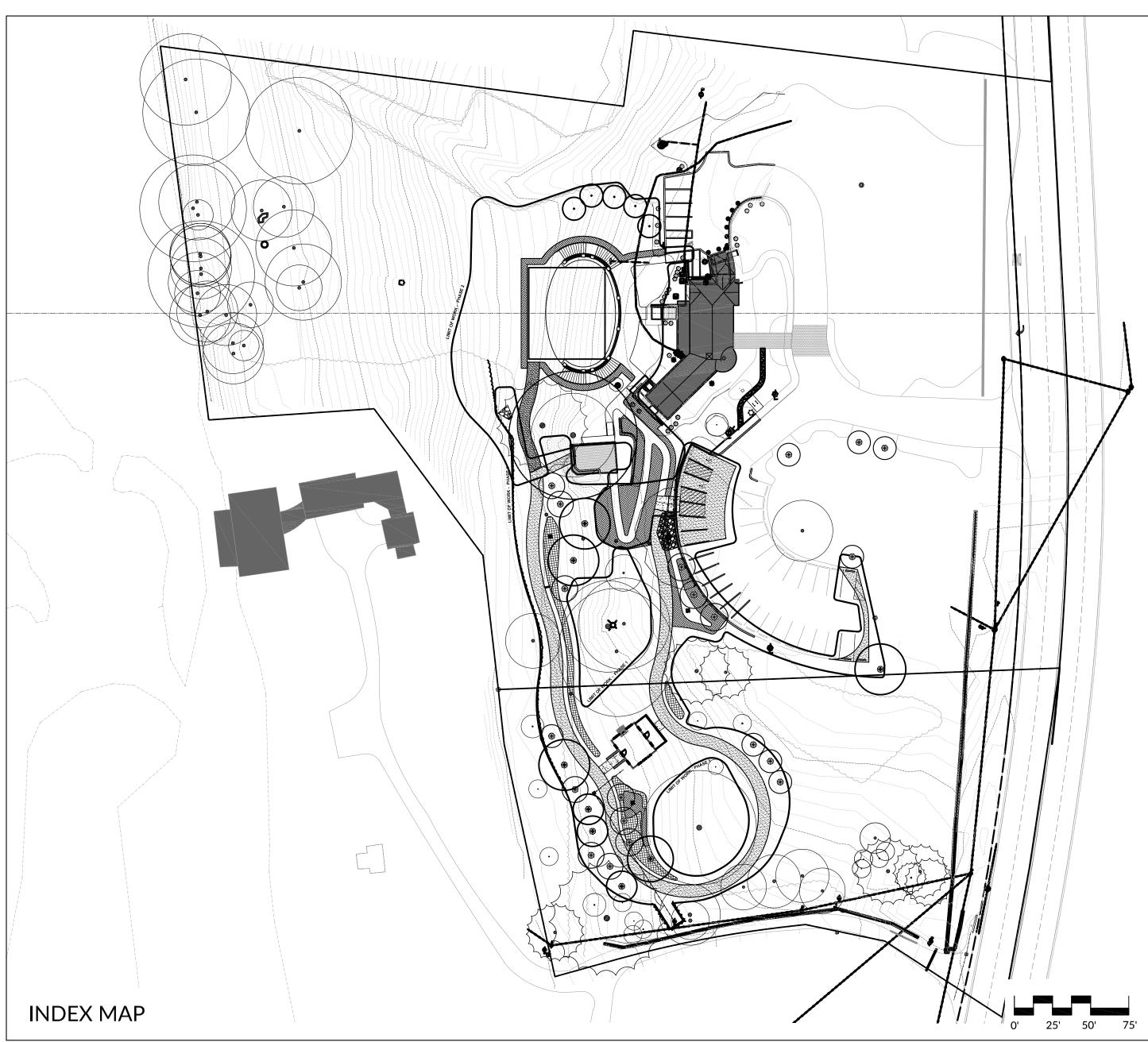
# DUBLIN ARTS CENTER CABIN RECONSTRUCTION AND REAR TERRACE IMPROVEMENTS



SHEET INDEX			
SHEET NUMBER	TITLE		
GEN	ERAL SHEETS		
G001	EXISTING CONDITIONS/TOPOGRAPHIC SURVEY		
G002	OVERALL SITE MASTER PLAN		
G003	ADA & ZONING PLAN		
PHASE 1 CA	ABIN CONSTRUCTION		
L001	GENERAL NOTES		
L101	DEMOLITION PLAN		
L201	LAYOUT & MATERIALS PLAN		
L301	GRADING PLAN		
L401	PLANTING PLAN		
L501	CABIN ENLARGEMENT PLAN		
L502	SOUTH ENTRY ENLARGEMENT PLAN		
L601	CONSTRUCTION DETAILS		
L602	CONSTRUCTION DETAILS		
L603	CONSTRUCTION DETAILS		
L604	CONSTRUCTION DETAILS		
L701	PLANT MATERIALS		
L702	LIGHTING SPECIFICATION		
L703	LIGHTING PHOTOMETRICS		
L704	STONE MATERIALS		
1	DRAINAGE & UTILITY PLAN		

GENERAL PROJEC	T INFORMATION
ADDRESS	7125 RIVERSIDE DRIVE
PARCEL NO. (NORTH PARCEL)	273-009098-00
PARCEL NO. (SOUTH PARCEL)	273-009097-00
LEGAL ACRES (NORTH PARCEL)	4.584
LEGAL ACRES (SOUTH PARCEL)	1.371
LEGAL ACRES (TOTAL)	5.955
OWNER/DEVELOPER	CITY OF DUBLIN OHIO
	P.O. BOX 800
	DUBLIN OH 43017
ZONING CLASSIFICATION/ DISTRICT	R1 - RESTRICTED SUBURBAN RESIDENTIAL DISTRICT
ZONING CLASSIFICATION/ DISTRICT OF ADJACENT PARCELS	R1 - RESTRICTED SUBURBAN RESIDENTIAL DISTRICT
TOTAL ACREAGE	5.95 AC (PER SURVEY BOUNDARY)
PHASE 1 WORK AREA	0.86 AC
PHASE 2 WORK AREA	0.55 AC

**PROJECT OWNER:** 



# MINOR PROJECT REVIEW

FOR

7125 RIVERSIDE DRIVE DUBLIN, OHIO 43016

LANDSCAPE ARCHITECT:

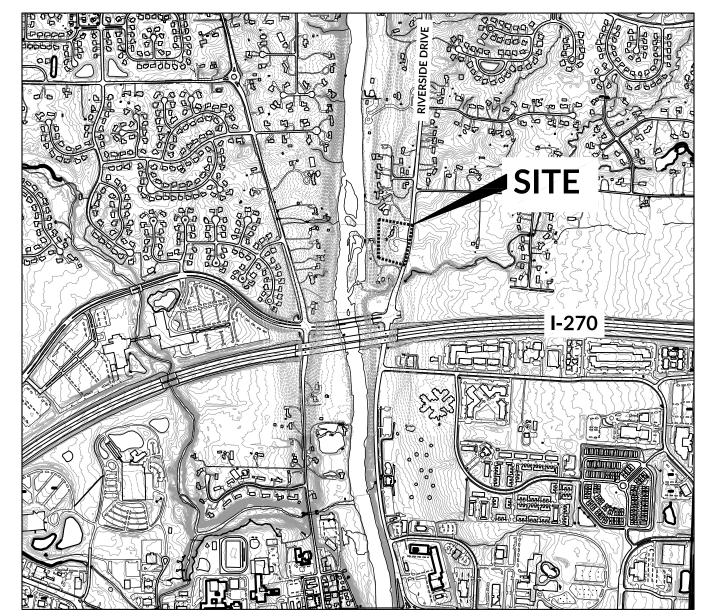


1223 EAST MAIN ST., SUITE 311 COLUMBUS, OH 43205 CONTACT: MATTHEW LEASURE, PLA PHONE: 614.893.7178 EMAIL: MATT@DESIGNINGLOCAL.COM ENGINEER:

Kimley **»Horn** 

SURVEYOR OF RECORD:





LOCATION MAP

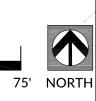
## PROJECT SCOPE OF WORK NARRATIVE:

THIS PROJECT INCLUDES SEVERAL SITE ENHANCEMENTS AND THE RELOCATION OF A HISTORIC LOG CABIN TO THE GROUNDS OF THE DUBLIN ARTS CENTER.

THE PROJECT HAS BEEN SPLIT INTO SEVERAL PHASES. THE FIRST PHASE WILL INCLUDE CONSTRUCTION OF THE HISTORIC LOG CABIN ON THE SOUTH SIDE OF THE PROPERTY. THIS PHASE INCLUDES AN ADA-COMPLIANT TRAIL FROM THE EXISTING PARKING LOT TO THE FRONT AND BASEMENT DOORS OF THE CABIN. THIS PHASE ALSO INCLUDES RECONSTRUCTION OF A PORTION OF THE EXISTING PARKING LOT TO MEET CURRENT ADA GUIDELINES AS WELL AS VARIOUS SITE ELEMENTS WHICH WILL IMPROVE DRAINAGE.

THE SECOND PHASE OF THE PROJECT IS FOR REFERENCE ONLY AT THIS TIME BUT IS EXPECTED TO BE CONSTRUCTED IN THE NEXT SEVERAL YEARS. THIS PHASE INCLUDES CONSTRUCTION OF A LARGE STONE RETAINING WALL WHICH WILL CREATE A FLAT LAWN AREA TO HOST EVENTS AND OTHER ACTIVITIES. THIS PHASE WILL ALSO INCLUDE VARIOUS WALKWAYS, PLANTINGS, AND DRAINAGE FEATURES TO SUPPORT THE EVENT LAWN.

A FUTURE PHASE OF THE PROJECT WILL INCLUDE A 8' SHARED USE PATH FROM THE EVENT LAWN DOWN TO THE EDGE OF THE SCIOTO RIVER. A SECONDARY PATH WILL ACCOMMODATE ADA ACCESSIBILITY AND THE PROJECT WILL INCLUDE SIGNIFICANT REGRADING OF THE EXISTING LAWN HILLSIDE. THIS PHASE OF THE PROJECT HAS NO TIMELINE FOR CONSTRUCTION AND IS CONCEPTUAL IN ITS DESIGN DEVELOPMENT.

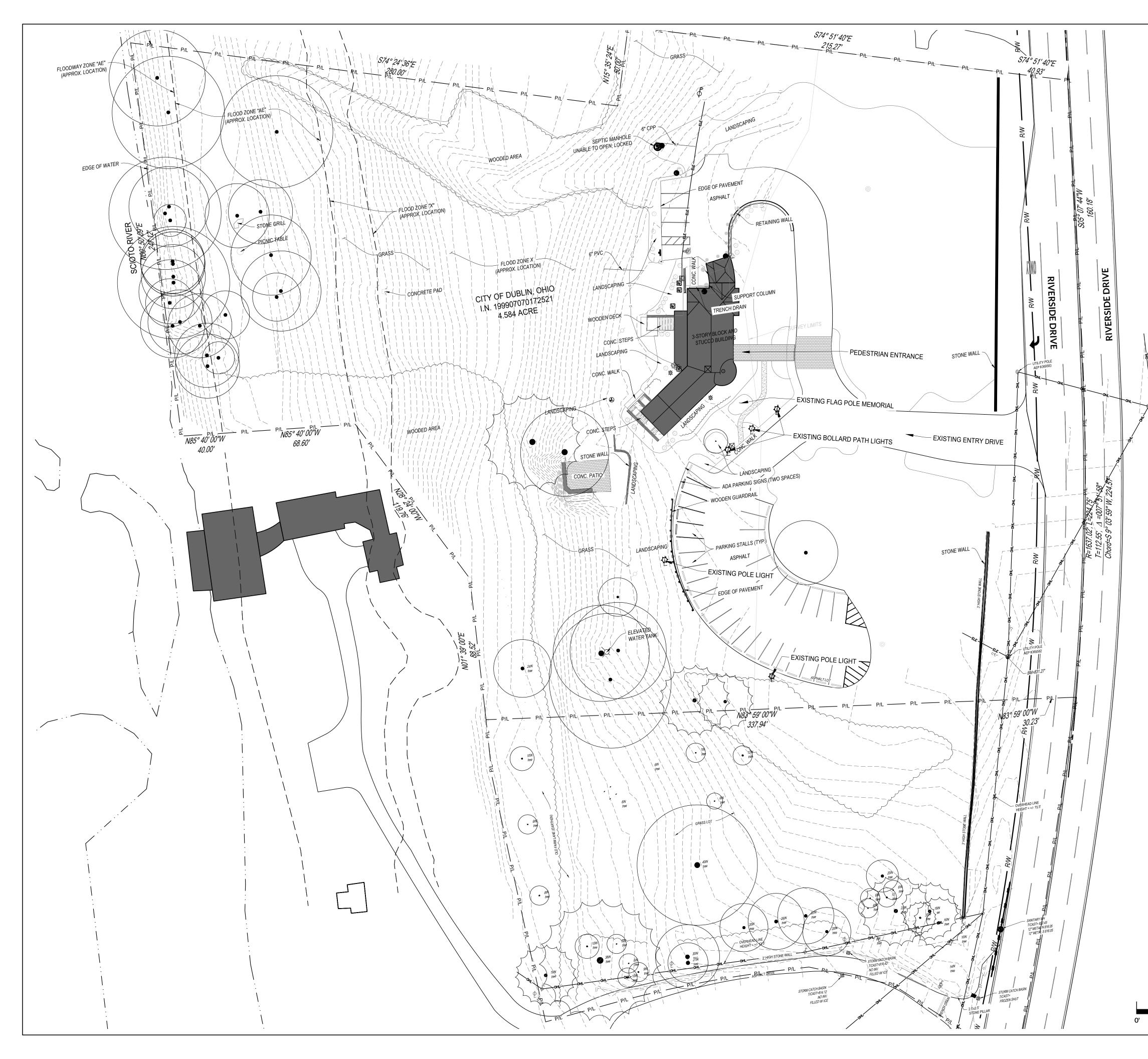




MATTHEW LEAKURE

DATE **APRIL 8, 2022** 

MATTHEW P. LEASURE, PLA OHIO REGISTRATION NO. 0701159



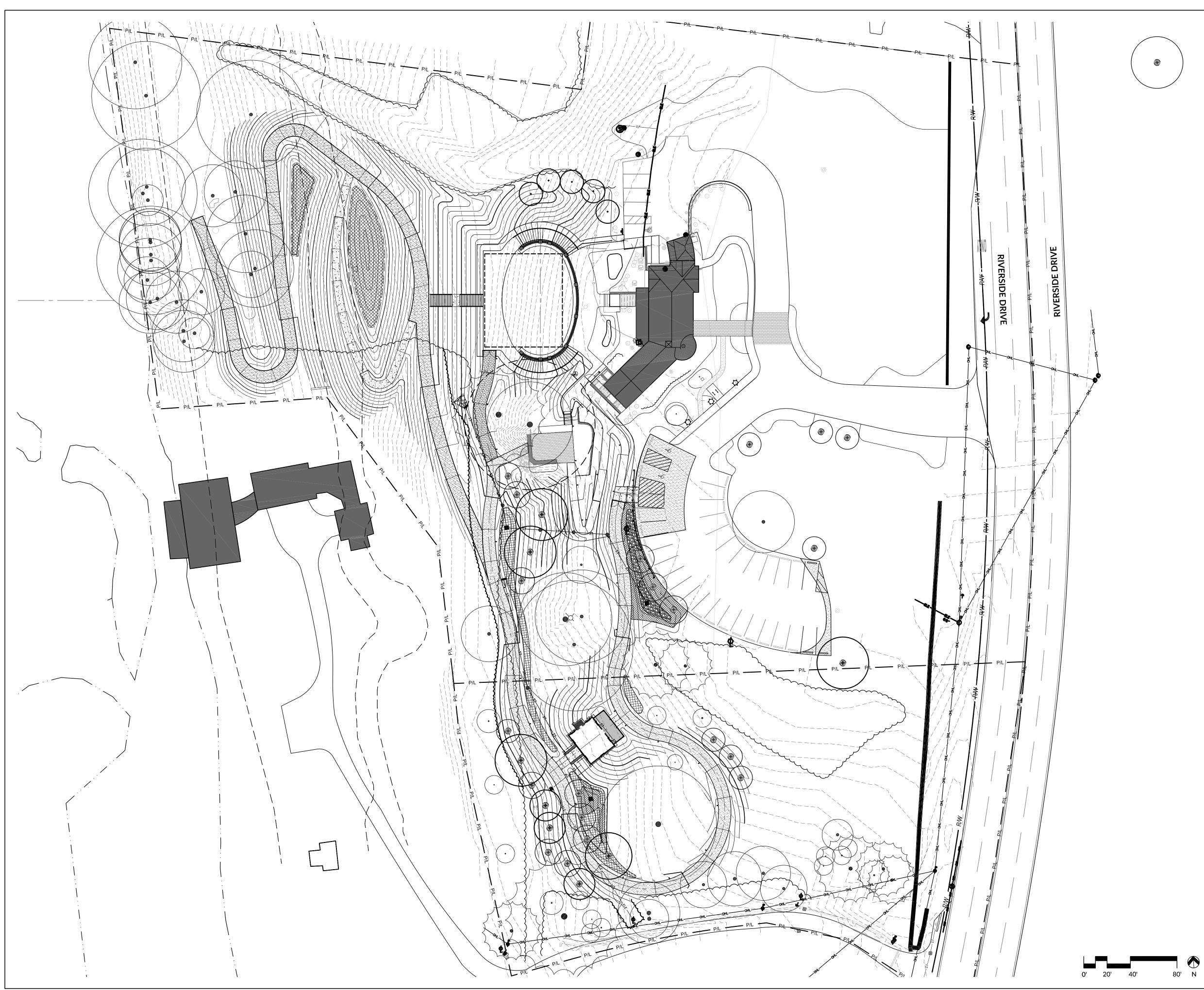
		<ul> <li>EX. LIGHT POLE</li> <li>EX. SIGN</li> <li>EX. FIRE HYDRANT</li> <li>EX. WATER VALVE</li> <li>EX. WATER VALVE</li> <li>EX. CATCH BASIN</li> <li>EX. SAN. MANHOLE</li> <li>EX. CURB INLET</li> <li>EX. STORM MANHOLE</li> <li>EX. GUY POLE</li> <li>EX. GUY POLE</li> <li>EX. GUY WIRE</li> <li>EX. BENCHMARK</li> <li>EX. BENCHMARK</li> <li>EX. MAJOR CONTOUR</li> <li>EX. MINOR CONTOUR</li> </ul>	<ul> <li>EX. SANITARY</li> <li>EX. WATER MAIN</li> <li>EX. GAS MAIN</li> <li>EX. STORM</li> <li>EX. COMBINED</li> <li>SEWER</li> <li>EX. OVERHEAD EL.</li> <li>EX. OVERHEAD EL.</li> <li>EX. TREELINE</li> <li>EX. DECIDUOUS</li> <li>TREE</li> <li>EX. EVERGREEN</li> <li>TREE</li> <li>TREE CRITICAL</li> <li>ROOT ZONE</li> </ul>	DUBLIN ARTS CENTERISSUE DATEDUBLIN ARTS CENTERAPRIL 8, 2022GROUNDS IMPROVEMENTSCITY OF DUBLIPROJECT REVPROJECT REV
				CITY OF DUBLIN PARKS & RECREATION 5555 Perimeter Drive Dublin, Ohio 43017
				PROJECT OWNER
				PROJECT ADDRESS DUBLIN ARTS CENTER 7125 Riverside Drive Columbus, OH 43016
	Survey R-1 Restricted re	SURV CES		SIET TILE EXISTING CONDITIONS Site Plan
15' 30'	60' N	DESIGNING LOCAL LANDSCAPE ARCHITECTURE 1223 EAST MAIN ST., SUITE 311 COLUMBUS, OH 43205 614.893.7178		sheet NUMBER <b>GOO1</b>

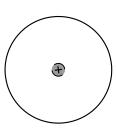
LEGEND - EXISTING CONDITIONS

------ EX. SANITARY

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LEGEND	- EXISTING CONDITION	S		ISSUE DATE APRIL 8, 2022 CITY OF DUBLIN MINOF PROJECT REVIEW
$\dot{\mathbf{x}}$	EX. LIGHT POLE		EX. SANITARY	22 BLIN N EVIEV
0	EX. SIGN	w	EX. WATER MAIN	ISSUE DATE APRIL 8, 2022 CITY OF DUBL
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$\bigcirc$	EX. BENCHMARK	, mil	EX. EVERGREEN	
—720—	EX. MAJOR CONTOUR		TREE	P 2
—719—	EX. MINOR CONTOUR		TREE CRITICAL ROOT ZONE	DUBLIN ARTS OUNDS IMPR
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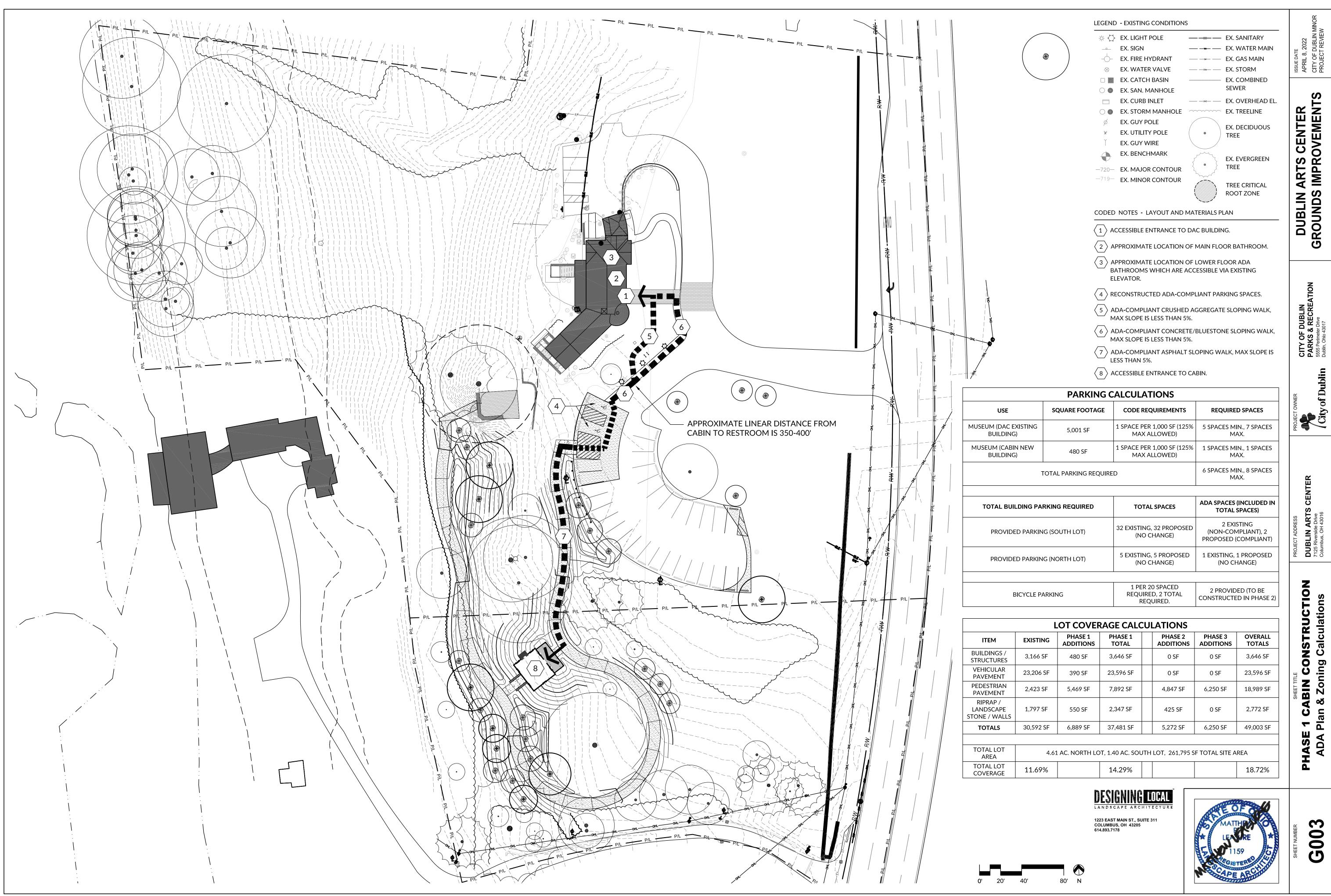
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## PHASE 2 TERRACE CONSTRUCTION DRAWINGS FOR **REFERENCE ONLY**

THIS DRAWING PACKAGE IS PRELIMINARY AND SHALL BE USED ONLY FOR REVIEW AND COORDINATION PURPOSES. PERMIT REVIEW AND CONSTRUCTION DRAWINGS WILL BE PROVIDED IN SUBSEQUENT DESIGN PHASES AND/OR DRAWING PACKAGES.



1223 EAST MAIN ST., SUITE 311 COLUMBUS, OH 43205 614.893.7178



USE	SQUARE FOOTAGE	CODE REQUIREMENTS	REQUIRED SPACES		
MUSEUM (DAC EXISTING BUILDING)	5,001 SF	1 SPACE PER 1,000 SF (125% MAX ALLOWED)	5 SPACES MIN., 7 SPACES MAX.		
MUSEUM (CABIN NEW BUILDING) 480 SF		1 SPACE PER 1,000 SF (125% MAX ALLOWED)	1 SPACES MIN., 1 SPACES MAX.		
T	6 SPACES MIN., 8 SPACES MAX.				
TOTAL BUILDING PA	RKING REQUIRED	TOTAL SPACES	ADA SPACES (INCLUDED IN TOTAL SPACES)		
PROVIDED PARKING (SOUTH LOT)		32 EXISTING, 32 PROPOSED (NO CHANGE)	2 EXISTING (NON-COMPLIANT), 2 PROPOSED (COMPLIANT)		
PROVIDED PARKING (NORTH LOT)		5 EXISTING, 5 PROPOSED (NO CHANGE)	1 EXISTING, 1 PROPOSED (NO CHANGE)		
		•			
BICYCLE P/	ARKING	1 PER 20 SPACED REQUIRED, 2 TOTAL REQUIRED.	2 PROVIDED (TO BE CONSTRUCTED IN PHASE 2)		

LOT COVERAGE CALCULATIONS							
ITEM	EXISTING	PHASE 1 ADDITIONS	PHASE 1 TOTAL		PHASE 2 ADDITIONS	PHASE 3 ADDITIONS	OVERALL TOTALS
BUILDINGS / STRUCTURES	3,166 SF	480 SF	3,646 SF		0 SF	0 SF	3,646 SF
VEHICULAR PAVEMENT	23,206 SF	390 SF	23,596 SF		0 SF	0 SF	23,596 SF
PEDESTRIAN PAVEMENT	2,423 SF	5,469 SF	7,892 SF		4,847 SF	6,250 SF	18,989 SF
RIPRAP / LANDSCAPE TONE / WALLS	1,797 SF	550 SF	2,347 SF		425 SF	0 SF	2,772 SF
TOTALS	30,592 SF	6,889 SF	37,481 SF		5,272 SF	6,250 SF	49,003 SF
TOTAL LOT AREA	4.61	I AC. NORTH LO	T, 1.40 AC. SOU	JTH	LOT, 261,795 S	F TOTAL SITE A	REA
TOTAL LOT COVERAGE	11.69%		14.29%				18.72%

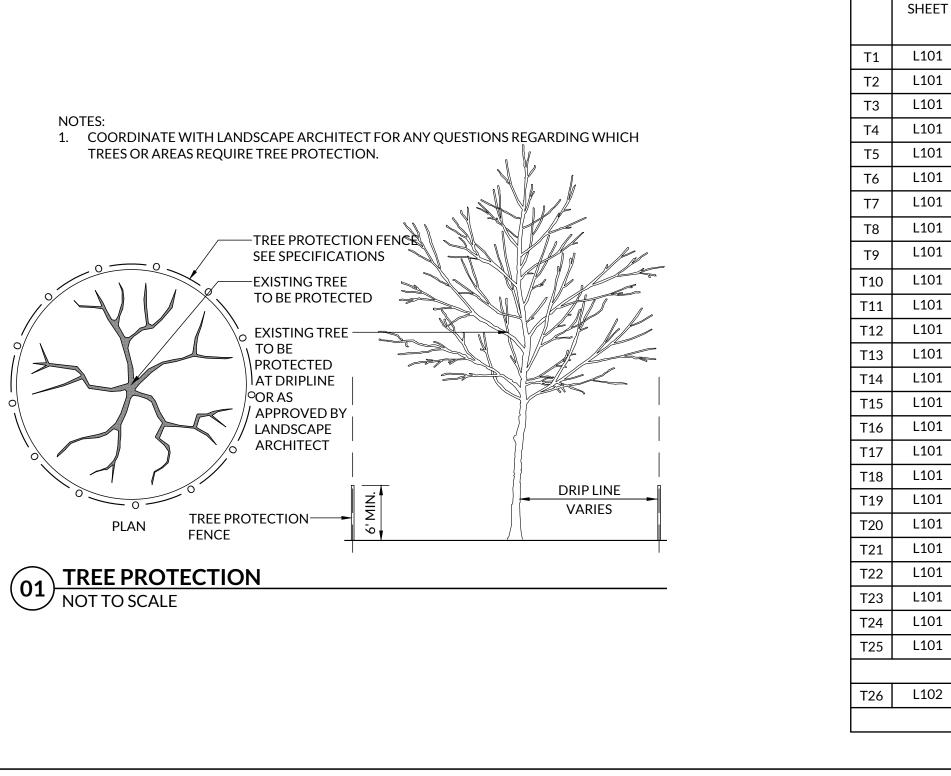
- 1. ALL WORK IS SHOWN BASED ON SURVEY PROVIDED BY CESO, INC.. SEE SURVEY SHEET FOR KEY INFORMATION.
- 2. THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN WHAT IS SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS.
- 3. CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE **RESPONSIBILITY FOR ANY DAMAGE TO UTILITIES.**
- 4. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH THEIR PERSPECTIVE WORK.
- 5. CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY MEASURES DURING CONSTRUCTION OPERATIONS TO PROTECT THE PUBLIC ACCORDING TO ALL APPLICABLE CODES AND PRACTICES.
- 6. CONTRACTOR SHALL OBTAIN PERMITS FOR THE WORK AS REQUIRED AND COMPLY WITH ALL LAWS, ORDINANCES, RULES AND REGULATIONS OF THE LOCAL JURISDICTION, THE STATE, AND ALL AUTHORITIES HAVING JURISDICTION.
- 7. ALL DIMENSIONS SHOWN REFERENCE EDGE OF PAVEMENTS, THE FACE OF CURBS AND THE FACE OF STRUCTURES UNLESS OTHERWISE NOTED.

#### DEMOLITION NOTES

- 1. REFER TO CIVIL PLANS FOR DEMOLITION RELATED TO UTILITIES OR DRAINAGE.
- 2. COORDINATE WITH OWNER FOR DISPOSAL AND/OR STOCKPILING OF EXISTING PARK ITEMS.

DISTURBANCE OF EXISTING CONDITIONS.

ALL WALKWAYS



- 1. ALL EROSION CONTROL MEASURES ARE TO BE CONSTRUCTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND PRIOR TO ANY GRADING OR
- 2. CONTRACTOR SHALL VERIFY ALL EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE LANDSCAPE ARCHITECT.
- 3. ALL PAVED AND PLANTED SURFACES SHALL BE CONSTRUCTED TO POSITIVELY DRAIN AWAY FROM ALL VERTICAL ELEMENTS SUCH AS BUILDINGS, WALLS, COLUMNS, ETC., AND INTO THE SITE DRAINAGE SYSTEM.
- 4. CONTRACTOR SHALL PROVIDE A MINIMUM OF  $\frac{1}{8}$ " PER FOOT CROSS SLOPE IN THE DIRECTION OF SURFACE DRAINAGE ON

#### LAYOUT NOTES

- 1. THE PLANS ASSUME THAT THE LAYOUT AND STAKING WILL BY ACCOMPLISHED USING TOTAL STATIONING/ DIGITAL METHODS. ANY INFORMATION PROVIDED IS INTENDED TO SUPPORT INFORMATION ALREADY CONTAINED IN CAD FILES.
- 2. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND LAYOUT DIMENSIONS IN THE FIELD. REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING WORK.
- 3. ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT, FACE OF WALL, OR FACE OF CURB UNLESS NOTED OTHERWISE.
- 4. ALL RADII ON WALKWAY INTERSECTIONS SHALL BE 5' UNLESS NOTED OTHERWISE.
- PROVIDE ISOLATION JOINTS WHERE CONCRETE PAVING OR PAVING BASE MEETS A FIXED EXISTING OR PROPOSED STRUCTURE.

#### PLANTING NOTES

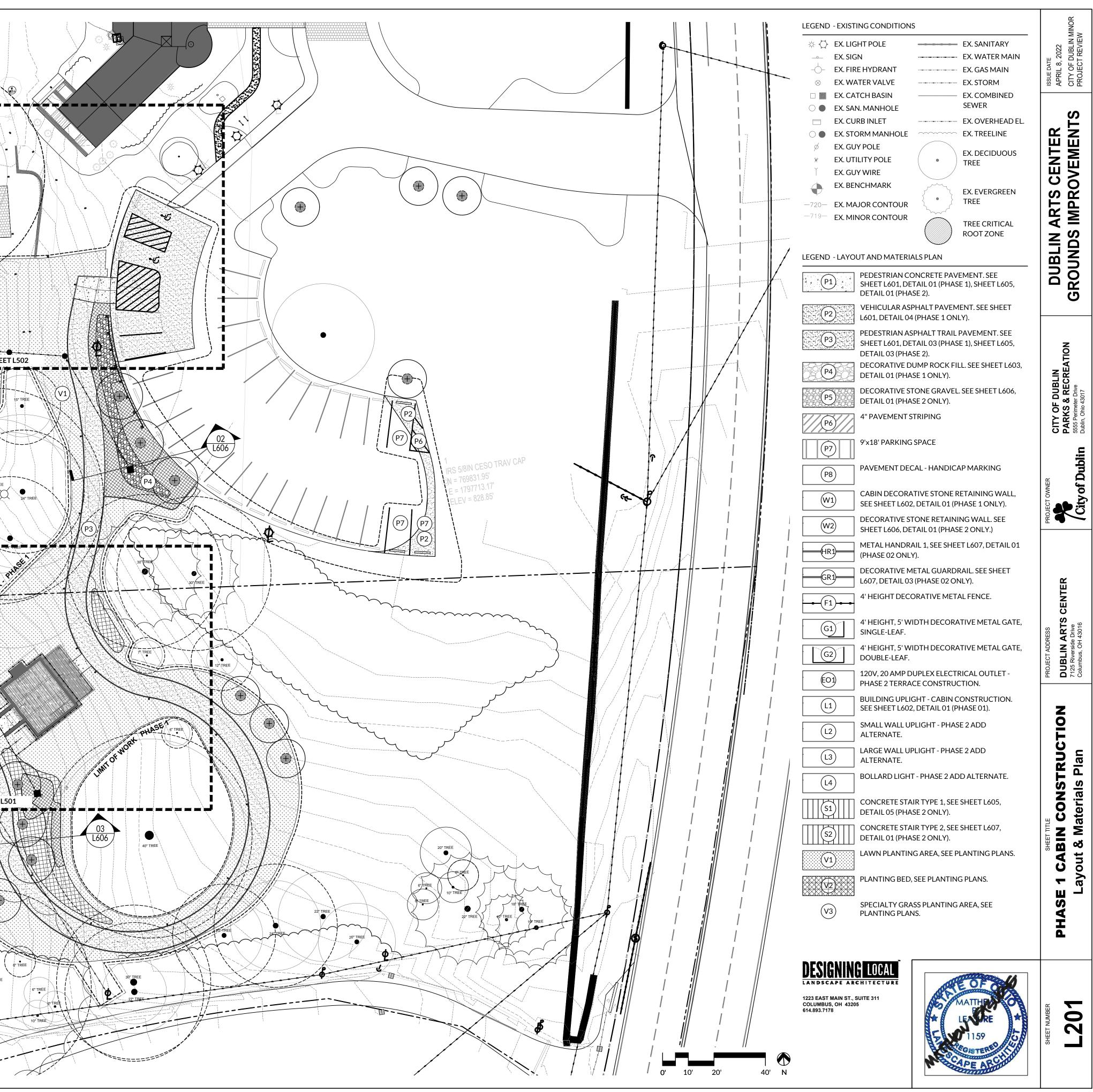
- 1. CONTRACTOR TO BACKFILL ALL TREE AND SHRUB PITS WITH APPROVED PLANTING SOIL MIX ONLY. DO NOT USE ANY REMAINING EXCAVATED MATERIAL OR OTHER FILL MATERIALS WHICH DOES NOT CONFORM TO SOIL SPECIFICATIONS.
- 2. SUBSTITUTIONS OF SPECIFIED PLANT SPECIES MUST BE APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT.
- 3. ALL AREAS DISTURBED BY CONSTRUCTION ARE TO BE RESTORED, FINE GRADED AND SEEDED.
- 4. THE CONTRACTOR SHALL PROVIDE AND PLACE ALL APPROVED STOCKPILED TOPSOIL FOR ALL LANDSCAPED AREAS TO REQUIRED GRADES.
- 5. SEE SHEET L604/608 FOR PLANTING DETAILS.
- 6. ALL TREES PLANTED IN LAWN AREAS SHALL HAVE A 5' DIAMETER MULCH RING AS SHOWN ON PLANS AND DETAILS.

	SHEET	ТҮРЕ	CALIPER SIZE (DBH)	CRITICAL ROOT ZONE DIAMETER (CRZ)	IMPACT	REPLACEMENT CALIPER INCHES REQUIRED	REPLACEMENT TREES REQUIRED (2.5")
T1	L101	DECIDUOUS	6" DBH	12'	REMOVED	6"	3
T2	L101	DECIDUOUS	6" DBH	12'	REMOVED	6"	3
Т3	L101	DECIDUOUS	40" DBH	80'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T4	L101	DECIDUOUS	6" DBH	12'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T5	L101	DECIDUOUS	12" DBH	24'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T6	L101	DECIDUOUS	7" DBH	14'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T7	L101	CONIFEROUS	30" DBH	60'	CRZ ENCROACHMENT	1 REPLACEMENT	1
Т8	L101	CONIFEROUS	30" DBH	60'	CRZ ENCROACHMENT	1 REPLACEMENT	1
Т9	L101	CONIFEROUS	4" DBH	8'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T10	L101	CONIFEROUS	4" DBH	8'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T11	L101	CONIFEROUS	4" DBH	8'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T12	L101	DECIDUOUS	42" DBH	84'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T13	L101	DECIDUOUS	42" DBH	84'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T14	L101	DECIDUOUS	15" DBH	30'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T15	L101	DECIDUOUS	24" DBH	48'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T16	L101	DECIDUOUS	42" DBH	84'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T17	L101	DECIDUOUS	24" DBH	48'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T18	L101	DECIDUOUS	24" DBH	48'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T19	L101	DECIDUOUS	10" DBH	20'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T20	L101	DECIDUOUS	6" DBH	12'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T21	L101	CONIFEROUS	38" DBH	76'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T22	L101	DECIDUOUS	30" DBH	60'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T23	L101	DECIDUOUS	27" DBH	54'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T24	L101	DECIDUOUS	20" DBH	40'	CRZ ENCROACHMENT	1 REPLACEMENT	1
T25	L101	DECIDUOUS	24" DBH	48'	CRZ ENCROACHMENT	1 REPLACEMENT	1
			,	PHA	SE 1: TOTAL 2.5" CALIPER R	EPLACEMENT TREES REQUIRED	29
T26	L102	DECIDUOUS	12" DBH	24'	REMOVED	12"	5
				PHA	SE 2: TOTAL 2.5" CALIPER R	EPLACEMENT TREES REQUIRED	5

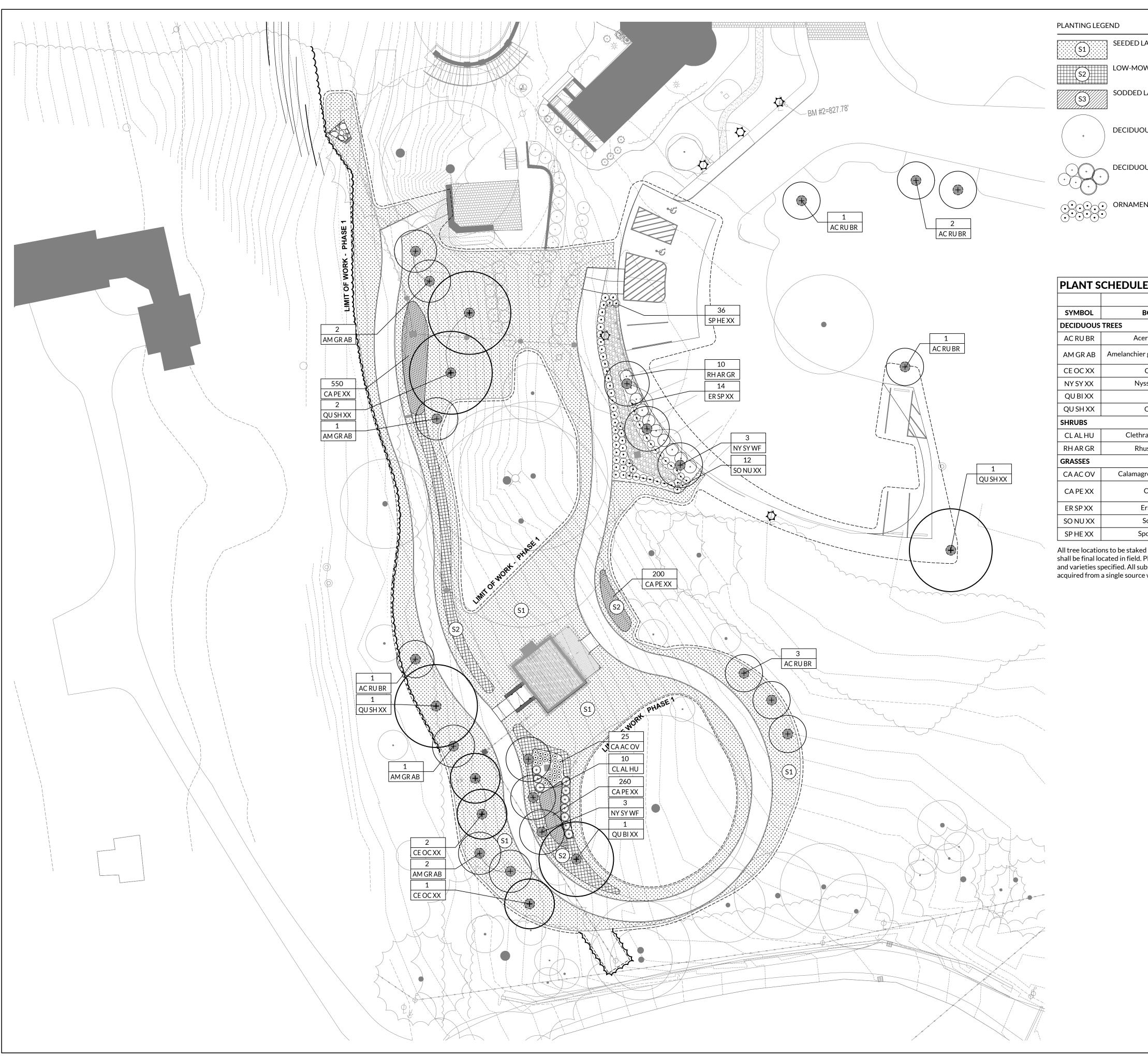
		ISSUE DATE APRIL 8, 2022 CITY OF DUBLIN MINOR PROJECT REVIEW
		DUBLIN ARTS CENTER GROUNDS IMPROVEMENTS
		PROJECT OWNER PROJECT OWNER CITY OF DUBLIN PARKS & RECREATION 5555 Perimeter Drive Dublin, Ohio 43017
		PROJECT ADDRESS <b>DUBLIN ARTS CENTER</b> 7125 Riverside Drive Columbus, OH 43016
		RHET THE PHASE 1 CABIN CONSTRUCTION General Notes
DESIGNING EDGLA Landscape Architecture 1223 East Main St., Suite 311 Columbus, oh 43205 614.893.7178	LEARE 1159 CONSTERED DECIMALITHE	SHEET NUMBER



SB" TREE	CODED NOTES - LAYOUT AND MATERIALS PLAN CODED NOTES - LAYOUT AND MATERIALS CODED NOTES - LAYOUT AND MATE	
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	LEGEND - EXISTING CONDITIONS	/ NOR
) LAWN AREA OW SEEDED LAWN AREA	Image: Second state     Image: Second state       Imag	ISSUE DATE APRIL 8, 2022 CITY OF DUBLIN MINOR PROJECT REVIEW
D LAWN AREA	<ul> <li>EX. WATER VALVE</li> <li>EX. STORM</li> <li>EX. CATCH BASIN</li> <li>EX. SAN. MANHOLE</li> </ul>	
JOUS TREE	<ul> <li>EX. CURB INLET</li> <li>EX. STORM MANHOLE</li> <li>EX. GUY POLE</li> <li>EX. DECIDUOUS</li> </ul>	ARTS CENTER IMPROVEMENTS
JOUS SHRUB PLANTING AREA	<ul> <li>EX. UTILITY POLE</li> <li>EX. GUY WIRE</li> <li>EX. BENCHMARK</li> <li>EX. EVERGREEN</li> </ul>	S CEN ROVEN
IENTAL GRASS PLANTING AREA	-720- EX. MAJOR CONTOUR -719- EX. MINOR CONTOUR TREE CRITICAL ROOT ZONE	
		DUBLIN ARTS CENTER ROUNDS IMPROVEMEN
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			PHA	SE 1	PHA	S	
BOTANICAL NAME	COMMON NAME	SIZE	SH.	#	SH.	Γ	
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er rubrum 'Brandywine'	Brandywine Red Maple	2.5" CAL.	L401	8			
er grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	1.75" CAL.	L401	6			
Celtis Occidentalis	Common Hackberry	2" CAL.	L401	3			
yssa sylvatica ' Wildfire'	Wildfire Black Gum	1.5" CAL.	L401	6			
Quercus bicolor	Swamp White Oak	2.5" CAL.	L401	1	1		
Quercus shumardii	Shumard Oak	2.5" CAL.	L401	5			
nra alnifolia 'Hummingbird'	Hummingbird Summersweet	#3 Cont.	L401	10			
nus aromatica 'Gro-low'	Gro-low Fragrant Sumac	#3 Cont.	L401	10			
grostis acutifloria ' Overdam'	Overdam Feather Reed Grass	#1 Cont.	L401	25			
Carex pensylvanica	Pennsylvania Sedge	#1 Cont	L401	1010			
Eragrostis spectabilis	Purple Love Grass	#1 Cont.	L401	14			
Sorghastrum nutans	Indian Grass	#1 Cont.	L401	12			
Sporobolus heterolepis	Prairie Dropseed	#1 Cont.	L401	48			

All tree locations to be staked by contractor and final located in field with Landscape Architect and/or Owner. All other plant and plant groupings shall be final located in field. Plants used for this project are to exhibit the finest aesthetic and horticultural qualities associated with the species and varieties specified. All substitutions are to be approved by the Landscape Architect and/or Owner. Plants of same species and variety are to be acquired from a single source with stock in quantities large enough to secure replacements.



CITY OF DUBLIN PARKS & RECREATION 5555 Perimeter Drive Dublin, Ohio 43017

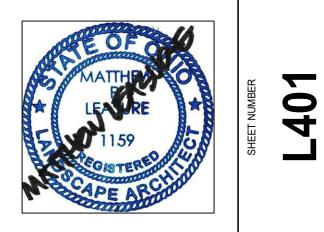
of Dublin

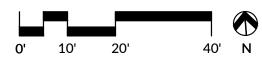
City

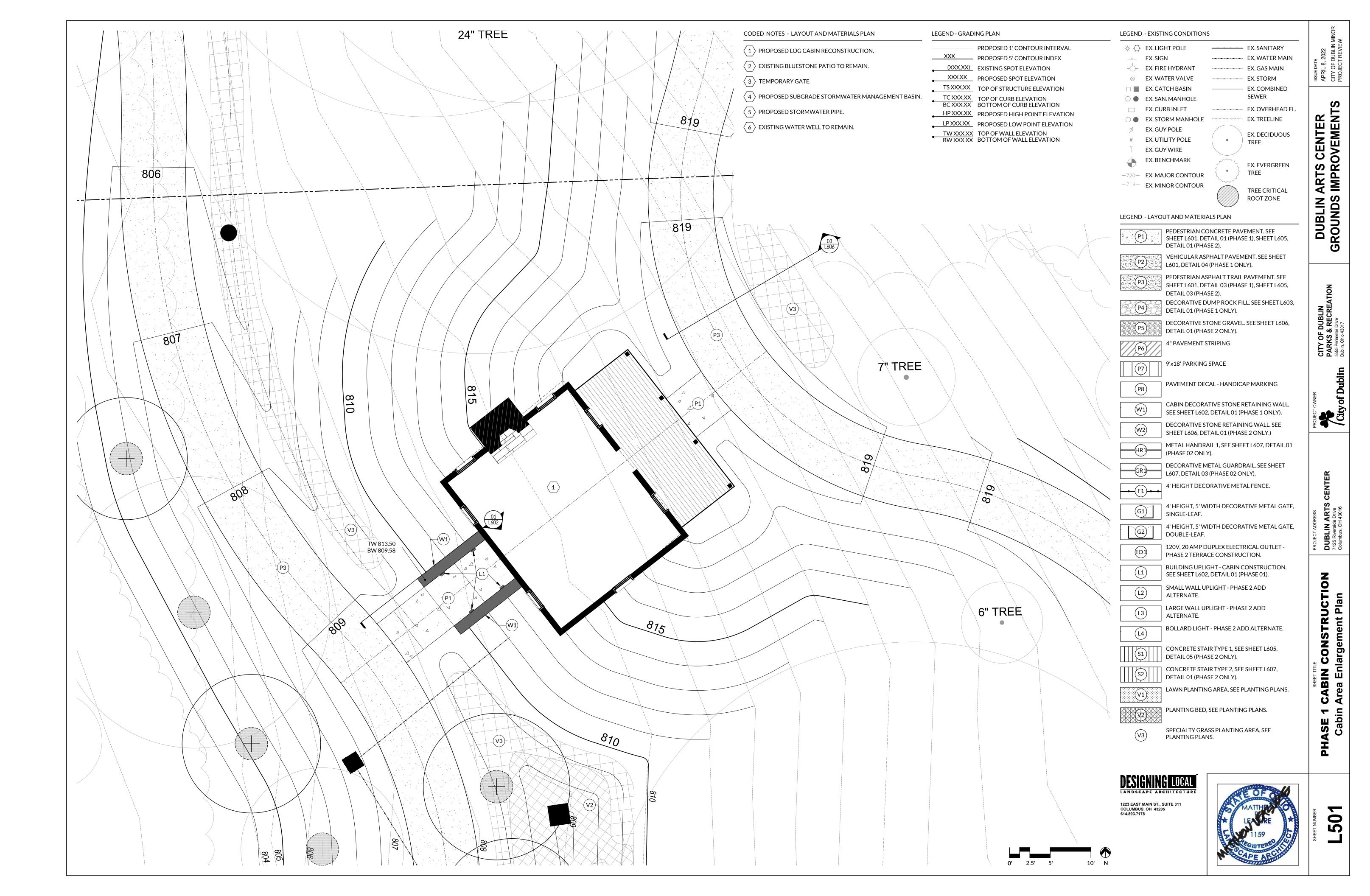


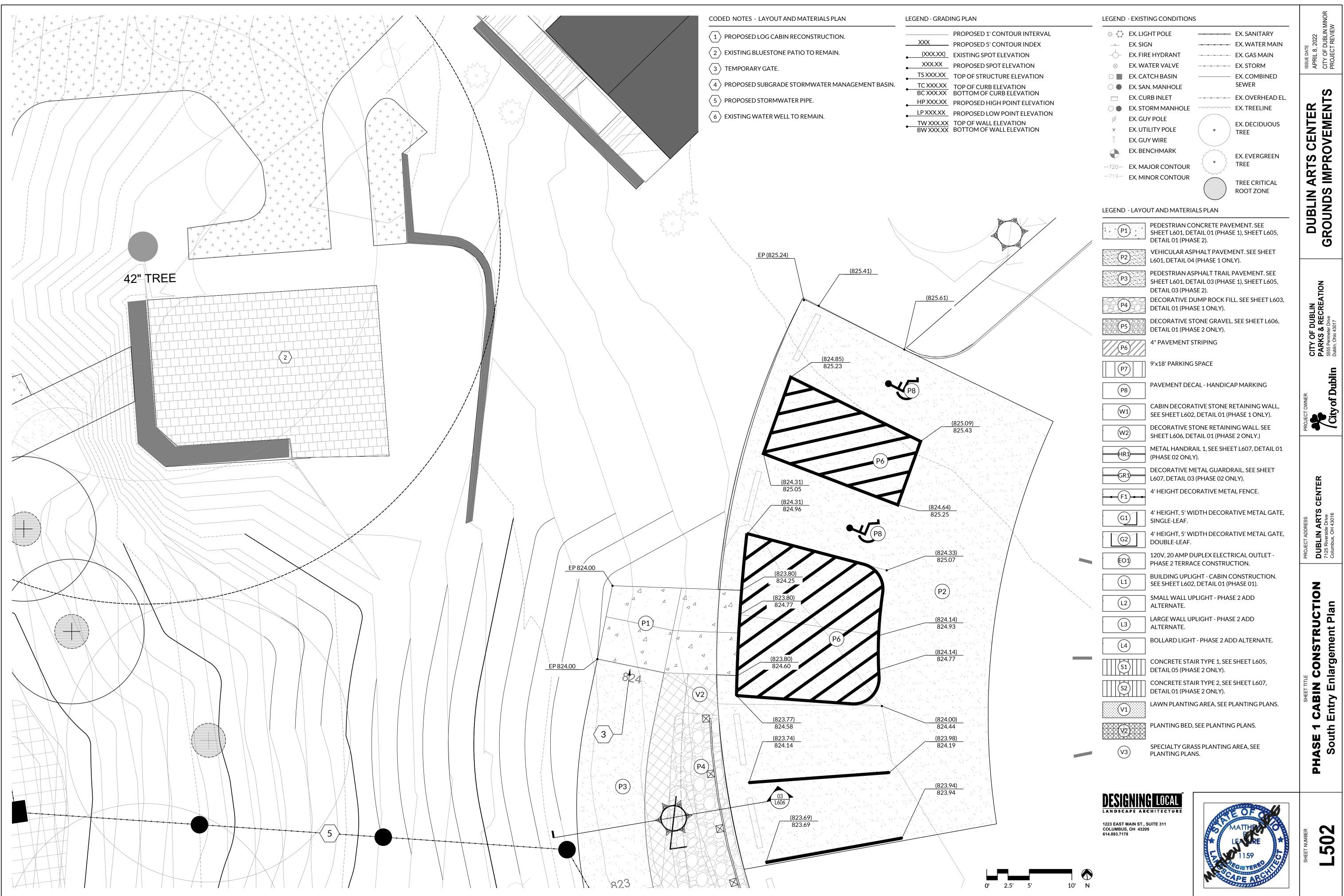


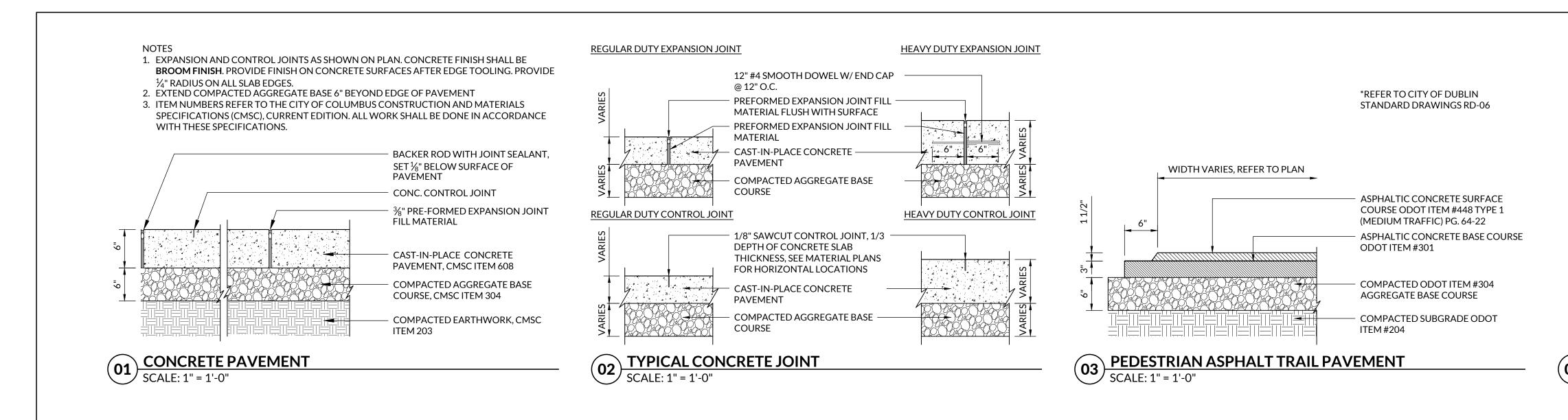
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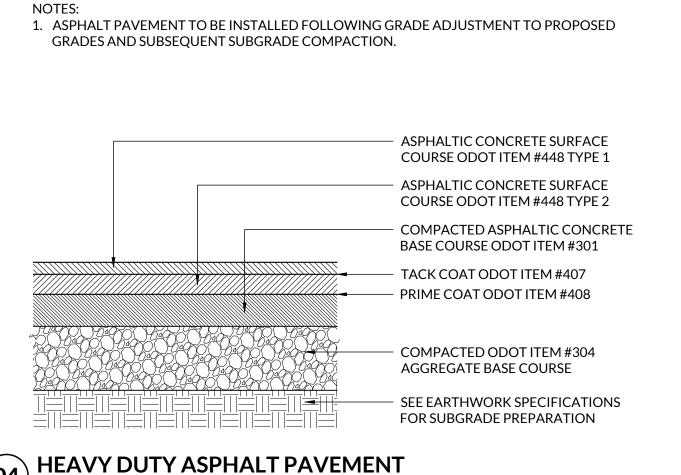












(04) HEAVY DUTY SCALE: 1" = 1'-0"

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I ARTS CENTER S IMPROVEMENTS

DUBLIN / GROUNDS CITY OF DUBLIN PARKS & RECREA 5555 Perimeter Dive ublin



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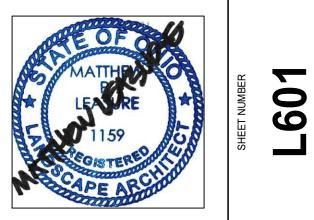
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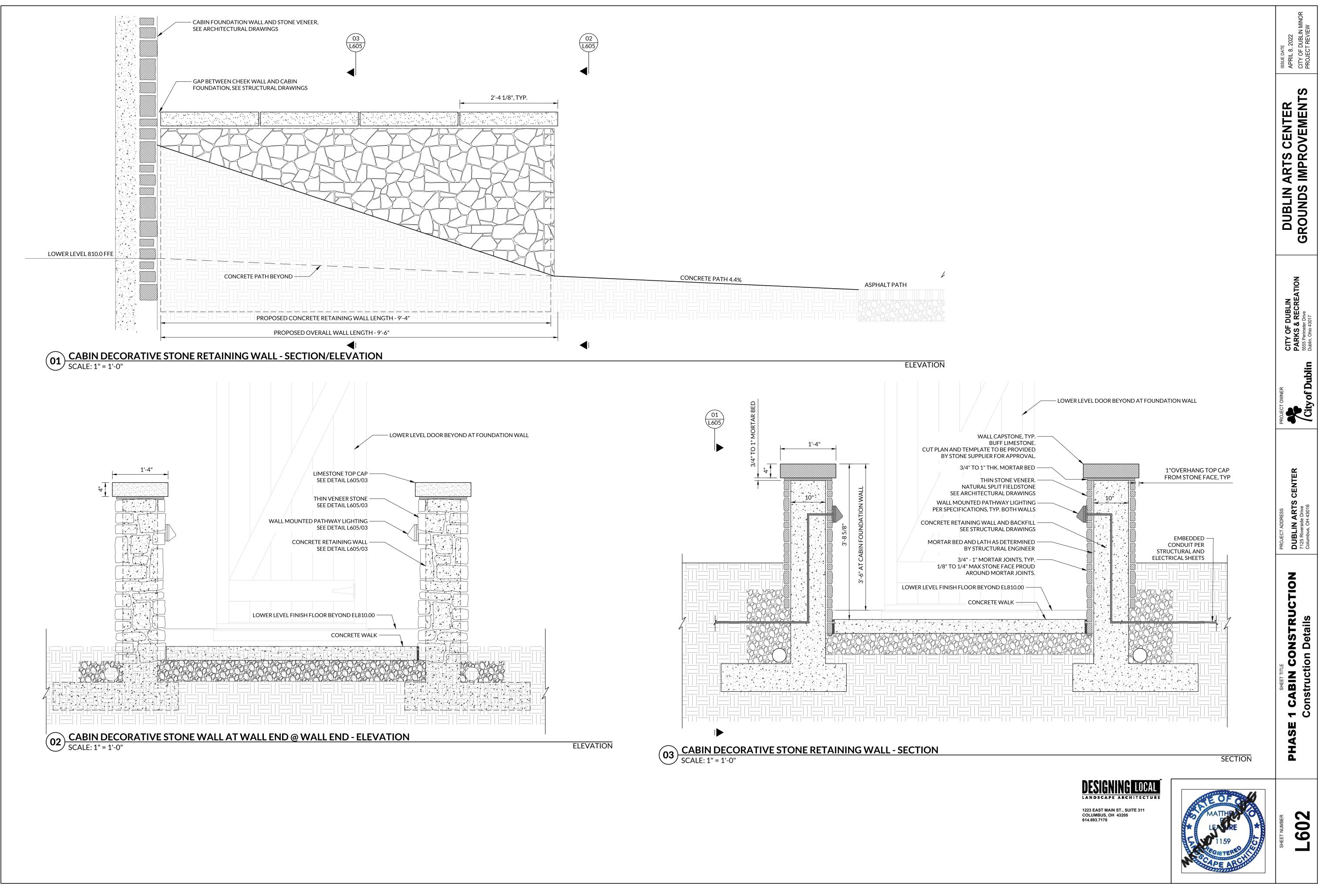
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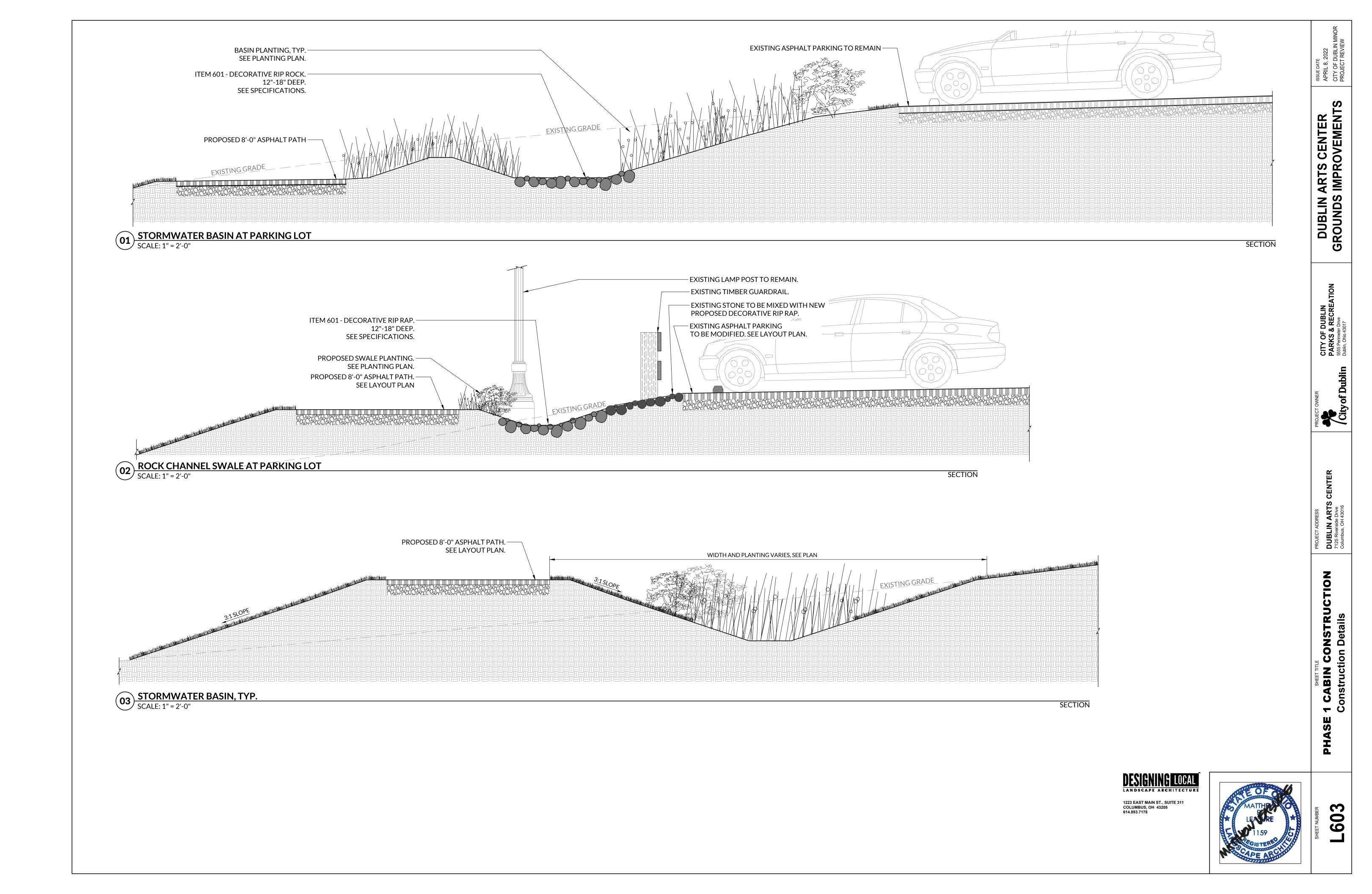
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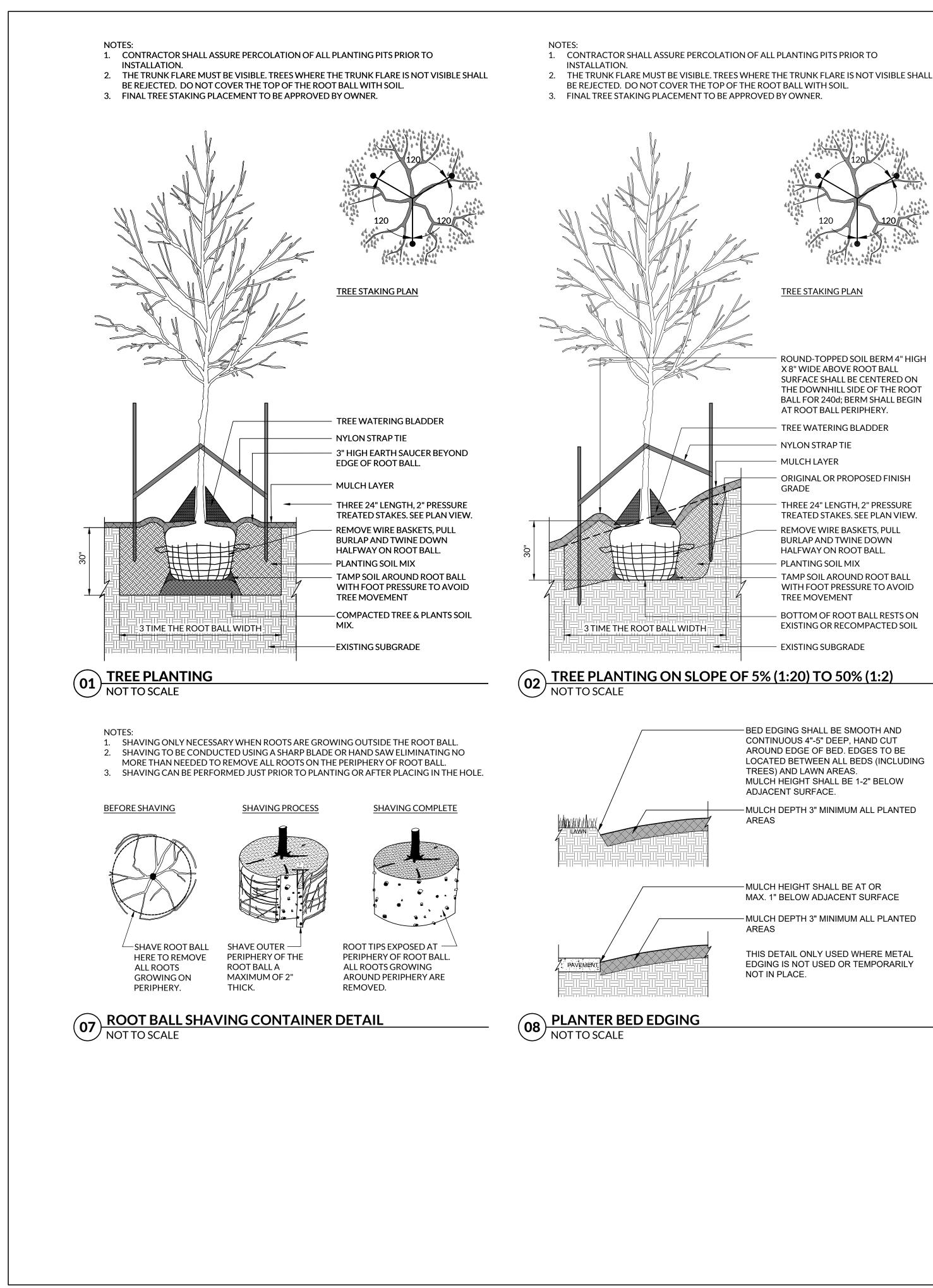


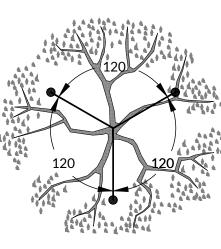
1223 EAST MAIN ST., SUITE 311 COLUMBUS, OH 43205 614.893.7178





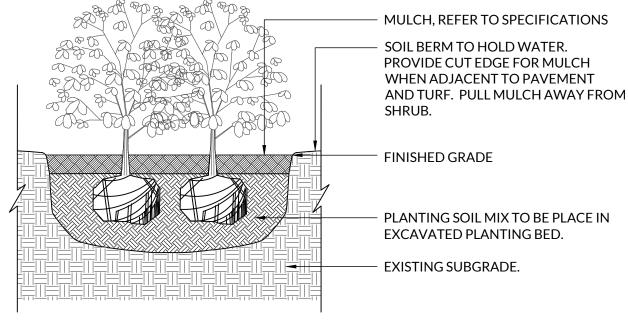






ROUND-TOPPED SOIL BERM 4" HIGH X 8" WIDE ABOVE ROOT BALL SURFACE SHALL BE CENTERED ON THE DOWNHILL SIDE OF THE ROOT BALL FOR 240d; BERM SHALL BEGIN AT ROOT BALL PERIPHERY.

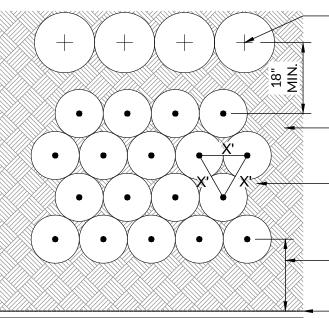
- ORIGINAL OR PROPOSED FINISH
- THREE 24" LENGTH, 2" PRESSURE TREATED STAKES. SEE PLAN VIEW. **REMOVE WIRE BASKETS, PULL**
- HALFWAY ON ROOT BALL.
- TAMP SOIL AROUND ROOT BALL
- WITH FOOT PRESSURE TO AVOID
- BOTTOM OF ROOT BALL RESTS ON **EXISTING OR RECOMPACTED SOIL**



03 SHRUB AND PERENNIAL PLANTING <sup>1</sup> NOT TO SCALE

NOTES:

- 1. ALL ORNAMENTAL GRASS, PERENNIAL, AND GROUNDCOVER MASSES TO USE TRIANGULAR SPACING EXCEPT WHERE NOTED ON PLANS.
- 2. TO CREATE THE APPEARANCE OF A CONSISTENT PLANTED EDGE, PLACE PLANTS ALONG BED EDGES FIRST, PARALLEL TO AND UNIFORMLY OFFSET FROM EDGE OF BED.
- 3. FILL OUT INTERIOR OF BED ON UNIFORM TRIANGULAR GRID AS SHOWN.

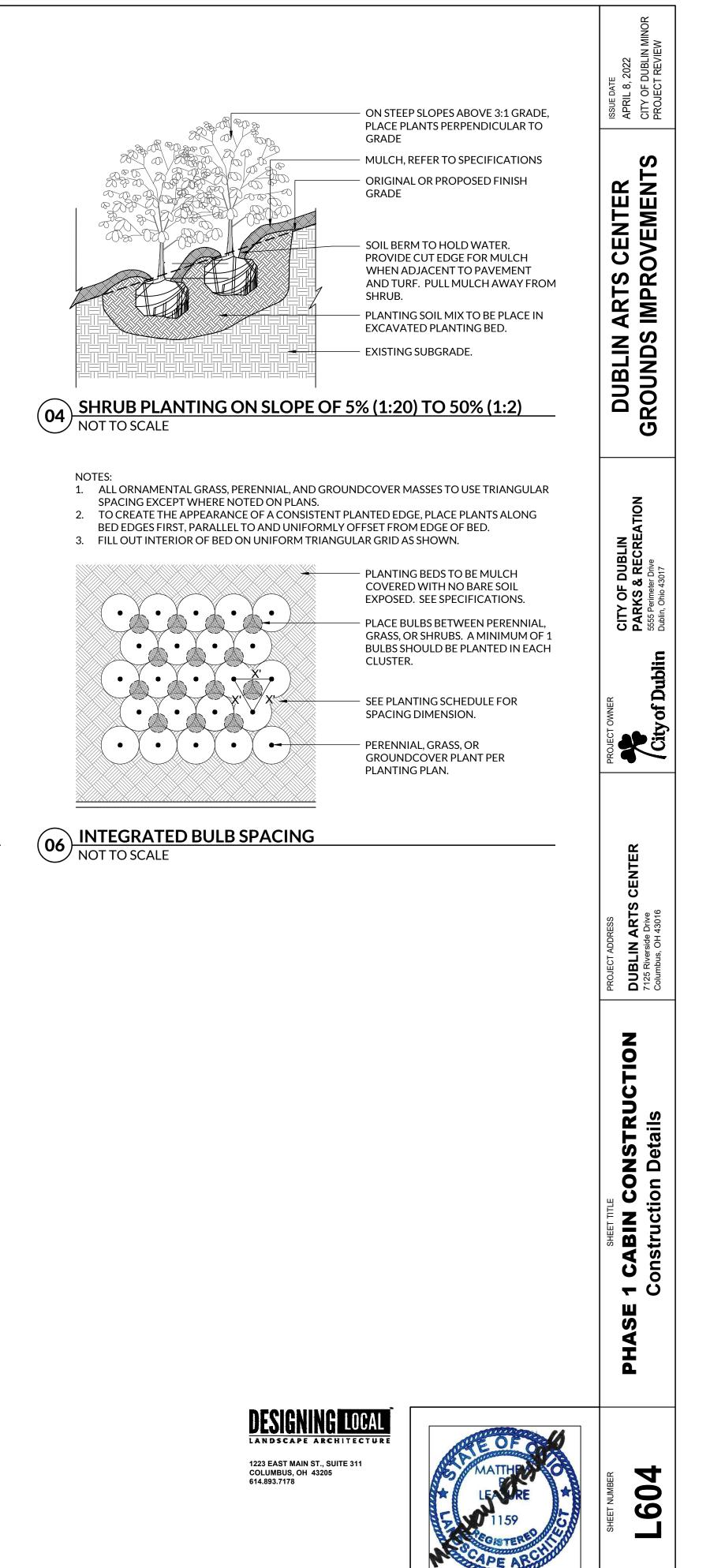


ADJACENT SHRUB, GRASS, OR PERENNIAL.

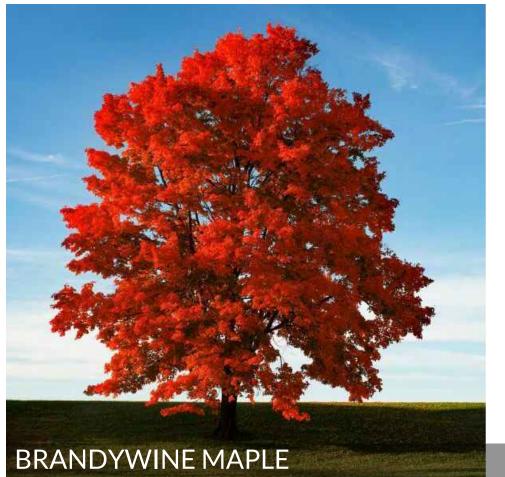
PLANTING BEDS TO BE MULCH COVERED WITH NO BARE SOIL EXPOSED. SEE SPECIFICATIONS. SEE PLANTING SCHEDULE FOR SPACING DIMENSION.

PLANTS TO BE SET BACK 12" MINIMUM FROM EDGE OF PLANTING BED. - EDGE OF PLANTING BED.

05 PERENNIAL, GRASS, AND GROUNDCOVER SPACING NOT TO SCALE



# **DECIDUOUS TREES**







# **ORNAMENTAL GRASSES**





01 LANDSCAPE PLANTS

SHRUBS



SHUMARD OAK

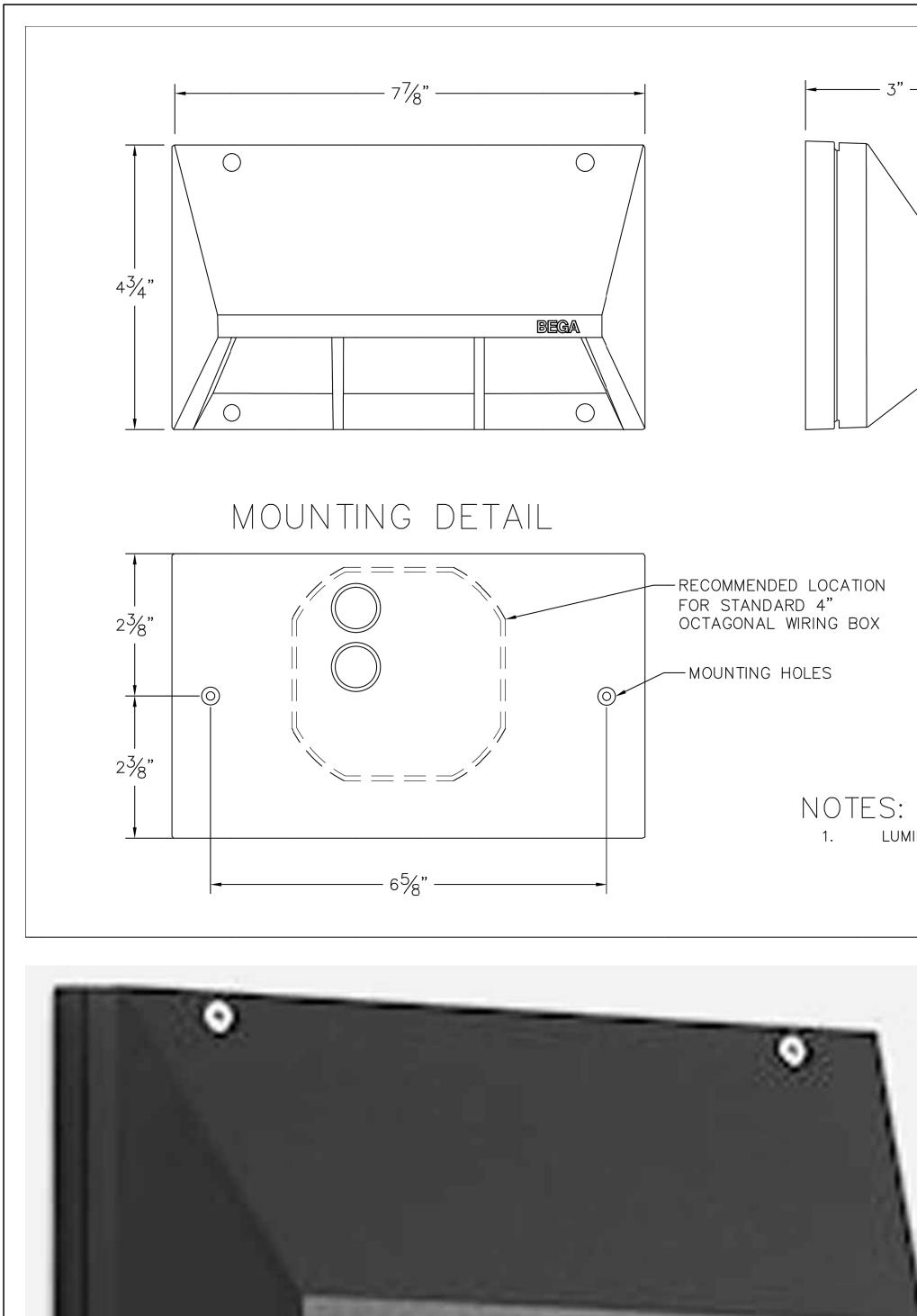


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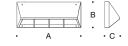
TION **CONSTRUCT** SELECTION PHASE 1 CABIN MATERIALS

L701



01 LIGHTING SPECIFICATION

3" ———	BFGA		1000 bega way Carpinteria, Ca. 93013 (805) 684-0533	LED wall luminaire - location light
	CAT NO.: 22 172		N: HA DATE: 3/22/2016 FILE NAME: 22172.DXF	Application         This luminaire can be utilized at lower mounting I pathways for safety and egress purposes.         Materials         Luminaire housing and guard constructed of diefree (≤ 0.3% copper content) A360.0 aluminum a Matte safety glass         High temperature silicone gasket         Mechanically captive stainless steel fasteners         NRTL listed to North American Standards, suitat Protection class IP 65         Weight: 2.1 lbs         Electrical         Operating voltage       120-277         Minimum start temperature       -30° C         LED module wattage       2.0W         System wattage       4.0W         Controllability       0-10V c         Color rendering index       Ra > 80         Luminaire lumens       160 lum         Lifetime at Ta = 15° C       >500,00         LED color temperature       _3000K - Product number + K4         _3500K - Product number + K3       _3000K - Product number + K3         _2700K - Product number + K27       BEGA can supply you with suitable LED replace         20 years after the purchase of LED luminaires - s
S: UMINAIRE 22 172 - SEE SPECIFICATIONS		SIGNED: DATE:	DESCRIPTION	Finish         All BEGA standard finishes are matte, textured p         minimum 3 mil thickness.         Available colors       Black (BLK)       □ White (V         □ Bronze (BRZ)       □ Silver (S



LED wall luminaire	$\cdot$ location light

8
, /

BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 info@bega-us.com Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to bega-us.com © copyright BEGA 2018

ounting heights to illuminate

ed of die-cast marine grade, copper minum alloy

ds, suitable for wet locations

120-277V AC -30° C 2.0 W 4.0 W 0-10V dimmable Ra > 80 160 lumens (3000K) >500,000 h (L70) 168,000 h (L70)

) replacement modules for up to naires - see website for details

xtured polyester powder coat with

White (WHT)  $\Box$  RAL: □ CUS: Silver (SLV)

Type: WALL LIGHT BEGA Product: <sup>22 172</sup> Project: DUBLIN ARTS CENTER Modified:

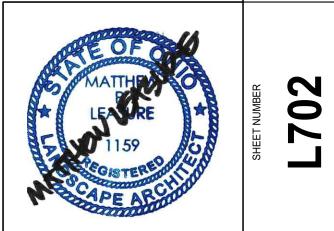
BEGA

41.

B C 3 4<sup>3</sup>⁄<sub>4</sub> 3



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TION E 1 CABIN CONSTRUC MATERIALS SELECTION

S PHA

Ξİ 1 T REV

ISSUE DATE APRIL 8, 2 CITY OF D PROJECT



Photometric Filename: 22172.IES

TEST: TEST LAB: DATE: LUMINAIRE: LAMP:

**Characteristics** IES Classification

Lumens Per Lamp

Total Lamp Lumens Luminaire Lumens

Longitudinal Classification

Downward Total Efficiency

Luminaire Efficacy Rating (LER) 40

Max. Cd. (80 to <90 Deg. Vert.)</th>6.8 (4.3%Lum)Cutoff Classification (deprecated)N.A. (absolute)

Total Luminaire Efficiency

Upward Waste Light Ratio

Max. Cd. (At 90 Deg. Vert.)

Total Luminaire Watts

Max. Cd. (<90 Vert.)

Ballast Factor

Max. Cd.

BE\_22172 BEGA 6/8/2016 22 172 2.0W LED

> Type II Very Short

160

N.A.

N.A.

1.00 0.01

4

N.A. (absolute)

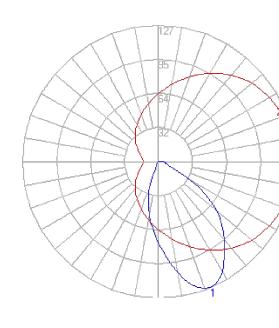
N.A. (absolute)

127 (0H, 22.5V)

127 (0H, 22.5V)

5.2 (3.3%Lum)

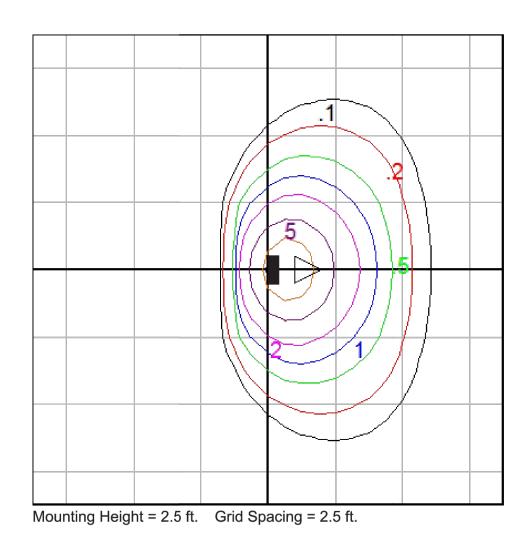


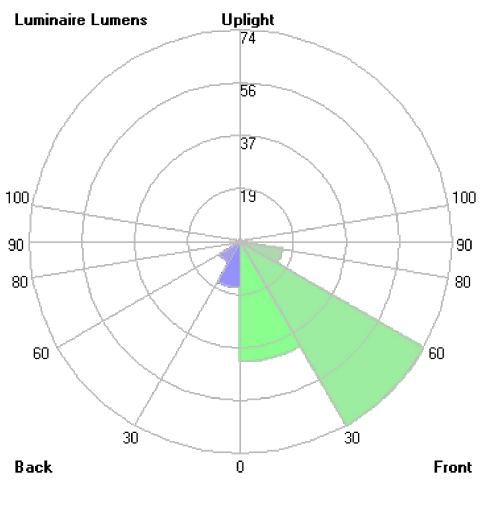


#### Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	42.0	N.A.	26.2
FM (30-60)	74.5	N.A.	46.5
FH (60-80)	14.9	N.A.	9.3
FVH(80-90)	2.1	N.A.	1.3
BL (0-30)	16.1	N.A.	10.1
BM (30-60)	8.4	N.A.	5.2
BH (60-80)	0.4	N.A.	0.3
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	1.1	N.A.	0.7
<u>UH (100-180)</u>	0.5	N.A.	0.3
Total	160.0	N.A.	100.0

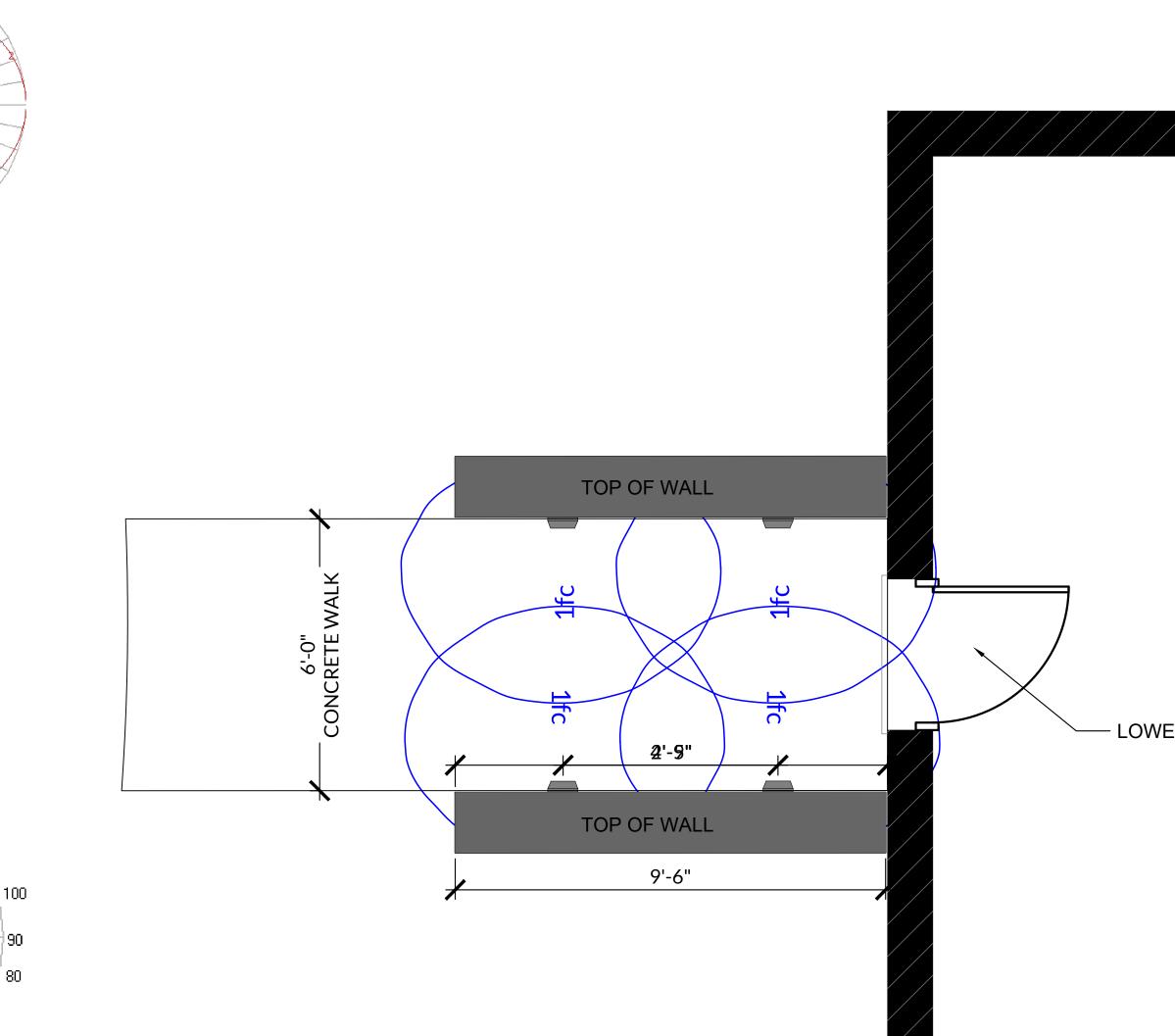
BUG Rating B0-U1-G0



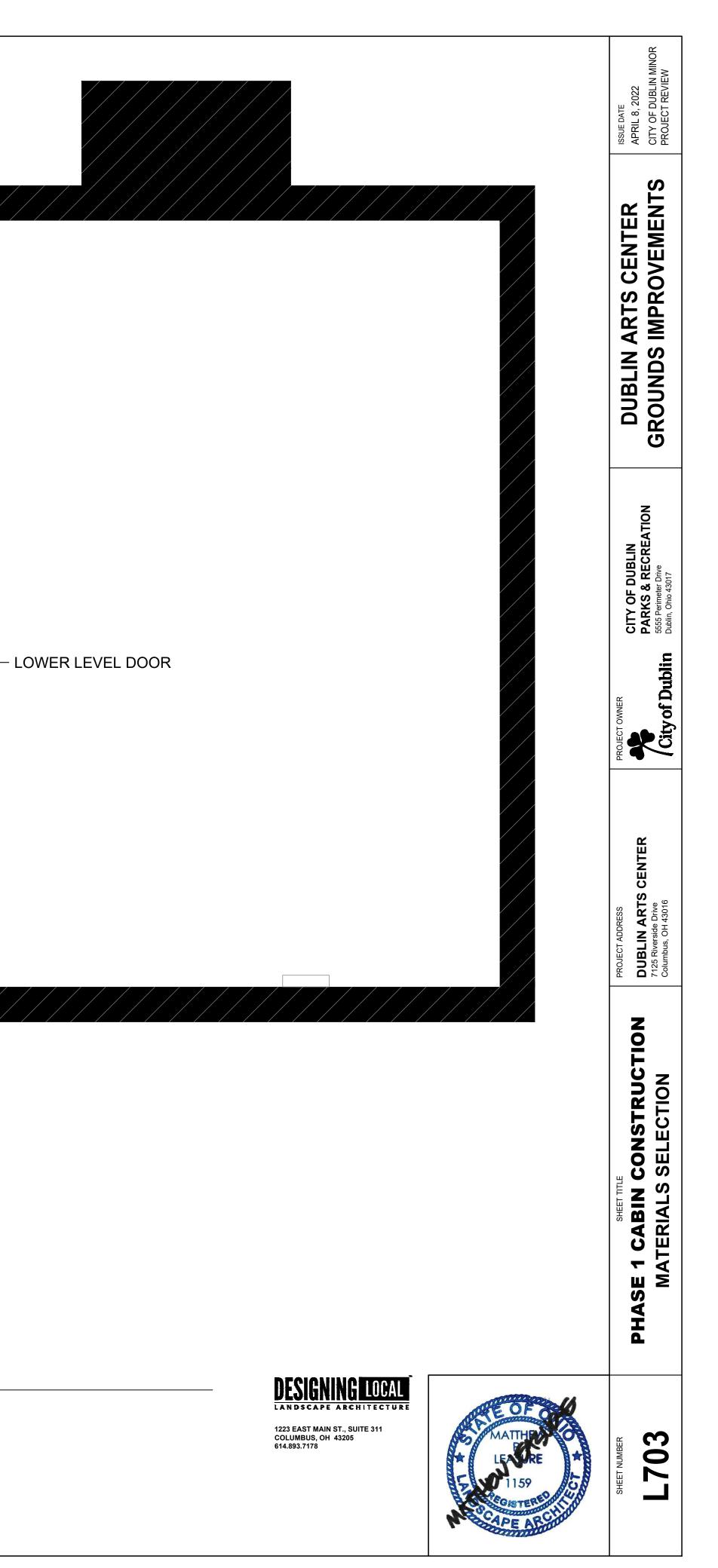


In the interest of product improvement, BEGA reserves the right to make technical changes without notice. BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2018

# 01 LIGHTING PHOTOMETRIC



8/14/2018

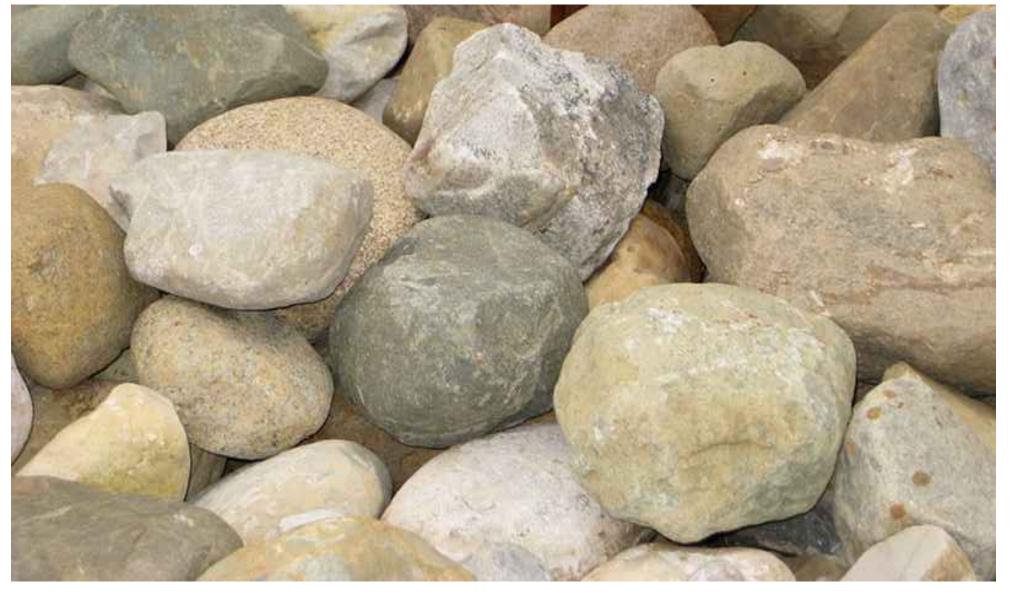


# **STONE WALL VENEER**



WING WALL AT CABIN LOWER LEVEL ENTRY TO MATCH STYLE AND PATTERN OF CABIN STONE. SEE ARCHITECTURAL PLANS.

# **DECORATIVE RIP RAP**



DECORATIVE RIP RAP SHALL BE CLEAN WASHED, ROUNDED RIVER STONE 3"-6". BASIS OF DESIGN LANG STONE DARBY.



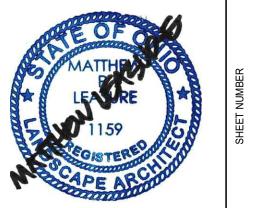


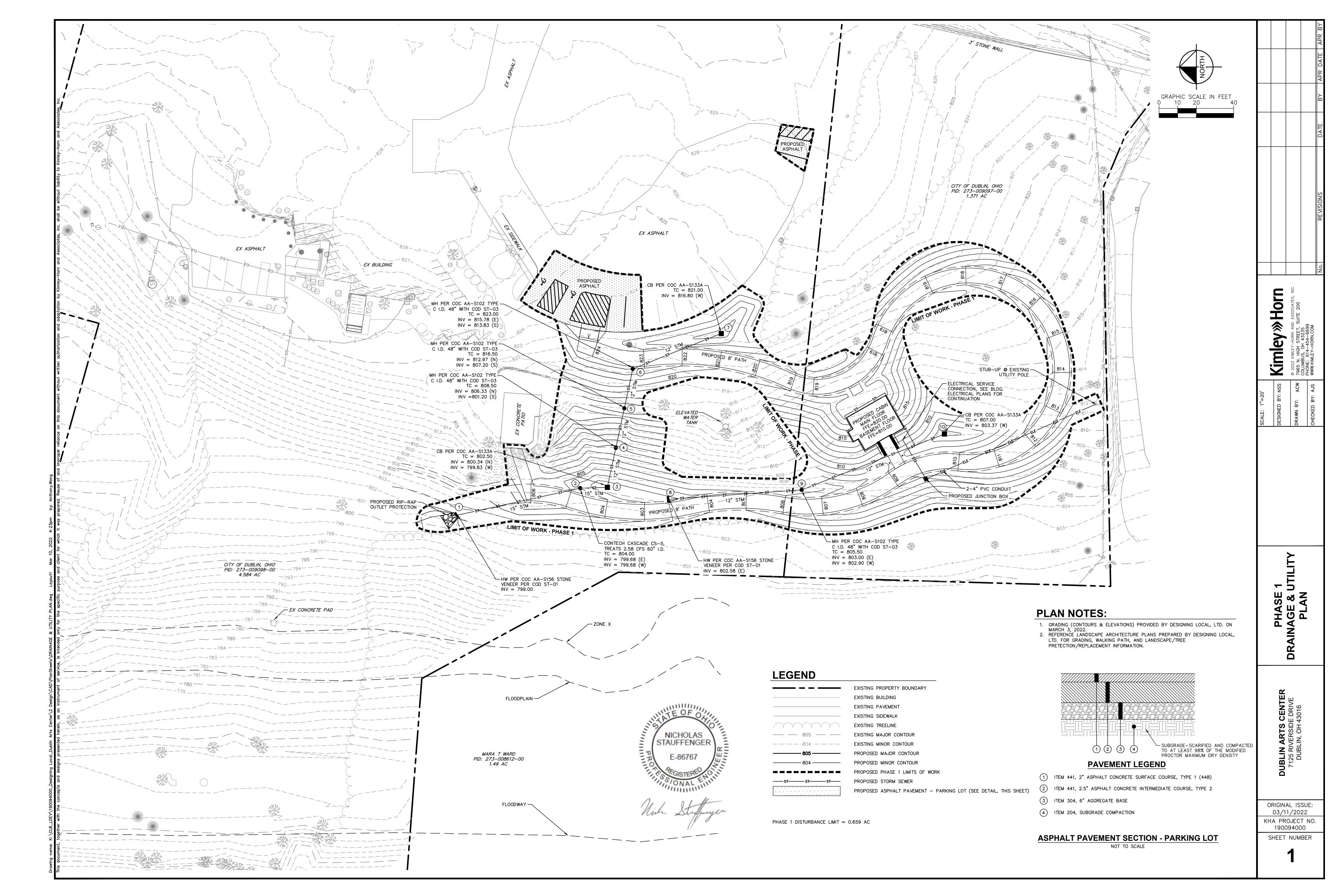


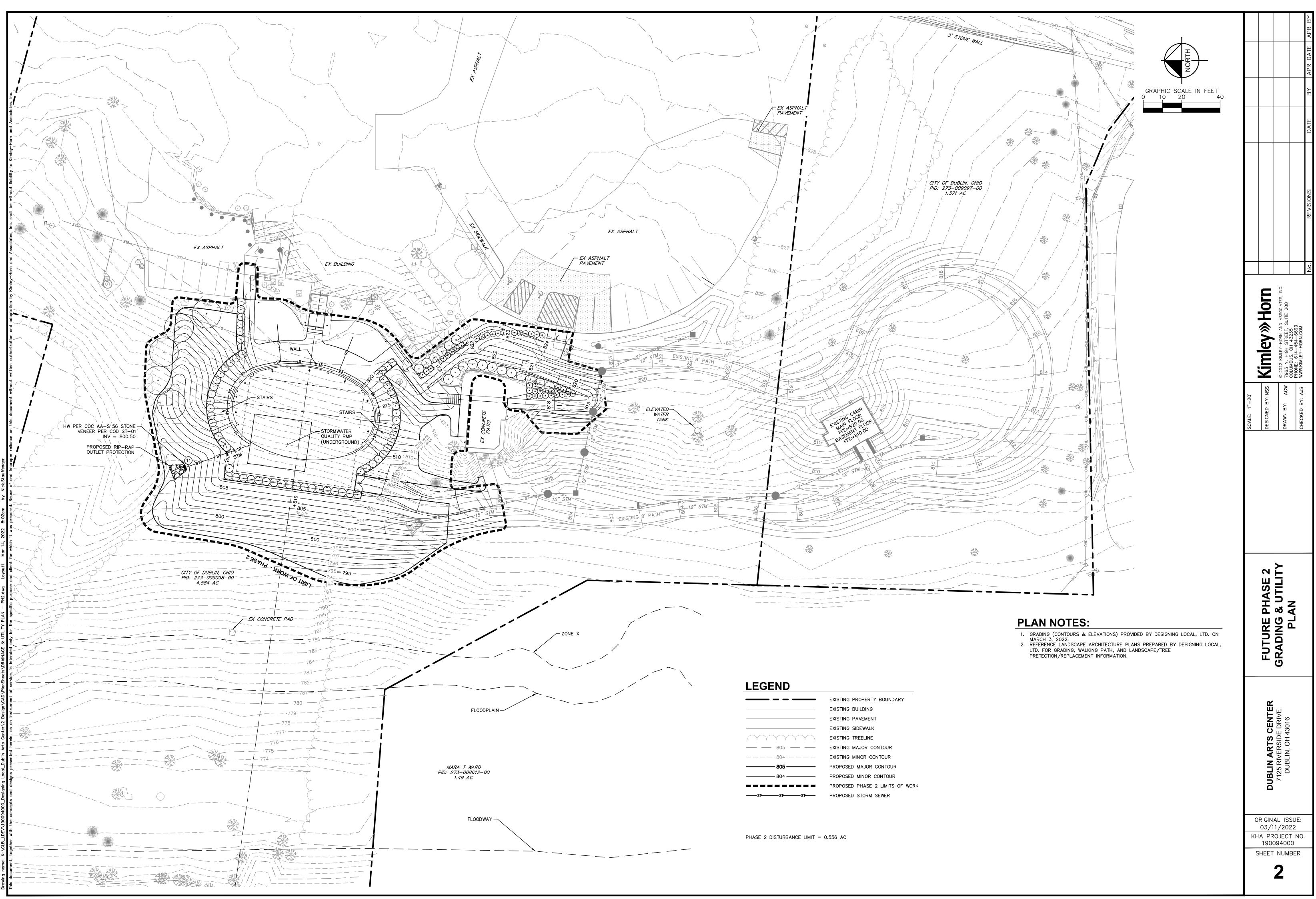
WING WALL CAP STONE TO MATCH EXISTING CAP STONE AS FOUND ON SITE. STONE SHALL BE BUFF LIMESTONE, SAWN ALL FACES. BASIS OF DESIGN LANG STONE INDIANA BUFF



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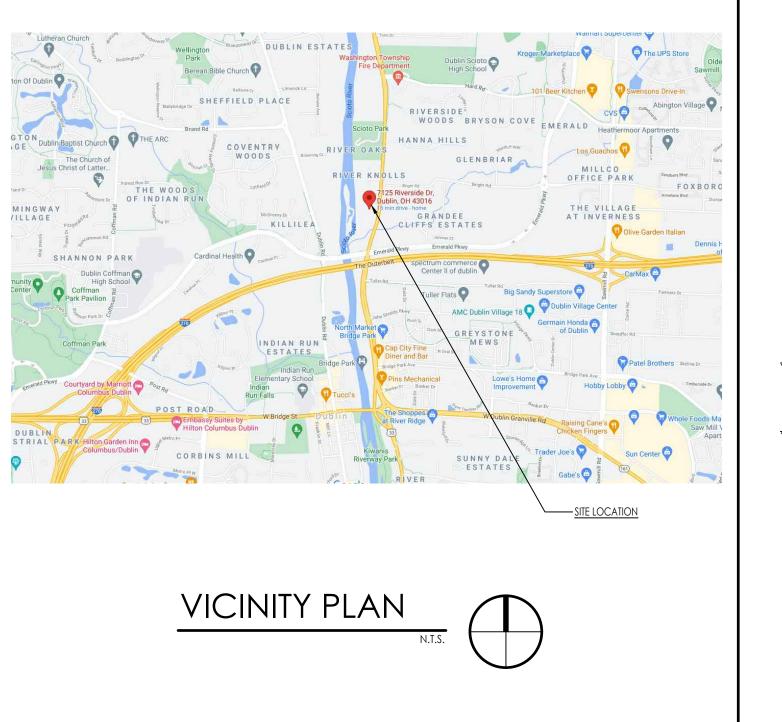




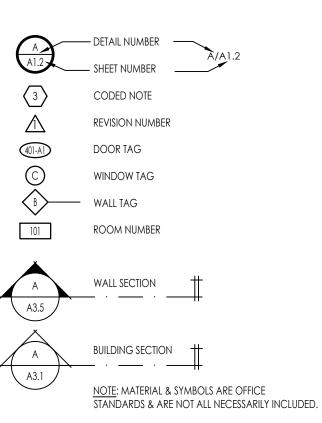
# The City of Dublin Historic Log Cabin Relocation & Reconstruction 7125 Riverside Drive Dublin, OH 43016

#### ABBREVIATIONS ANCHOR BOLT FDN MTL METAL SH SHELL A.B. CRS COURSE FOUNDATION A.P. ACCESS PANEL DEMO DEMOLITION OR DEMOLISH FRM FRAME MIN MINIMUM SIM SIMILAR DET ACOUS DETAIL FRMG MISCELLANEOU ACOUSTICAL FRAMING MISC SOLID CORE A.F.F. ABOVE FINISH FLOOR DIA DIAMETER F.R.T. FIRE RETARDANT TREATED MTD MOUNTED South DIMENSION F.S. MULLION ADJ ADJACENT DIM FULL SIZE MUL SQUARE FEE AGGR DOOR F.S.W. NOMINAL AGGREGATE DR FIRE SEPARATION WALL NOM **SPECIFICATIO** DOOR OPENING FURR NORTH A.C. AIR CONDITIONING D.O. FURRING SQAURE SQ DOUBLE GA ALT ALTERNATE GAUGE N.I.C. NOT IN CONTRAC DBL STAINLESS STE DRAWING N.T.S. ALUM ALUMINUM DWG GALV GALVANIZED NOT TO SCALE STANDARD STD DRINKING FOUNTAIN G.C. GENERAL TRADES CONTRACTOR ANGLE D.F. NO or # NUMBER STI STEEL APPROVED EAST GLASS or GLAZING 0.C. ON CENTER APPD GL STRUCT STRUCTURAL OPNG EACH GRADE or GRADING OPENING APPROX APPROXIMATE GD SYM Symmetrica OPP OPPOSITE ARCH ARCHITECTURA ELEC ELECTRICAL GND GROUND TELEPHONE GYP OA A.D. E.W.C. ELECTRIC WATER COOLER GYPSUM OVERALL THICK AREA DRAIN THK ELECTRICAL PANEL BOARD HDW HARDWARE O.D. OUTSIDE DIMENSION ASPH ASPHALT E.P. T.C. TOP OF CURB HDR HEADER PAIR **FI EVATION** PR AT TOP OF T/O HTG ELEVATOR HEATING PNL PANEL BRG BFARINO ELV T.O.P. TOP OF PAVE PLATE BEAM EMERGENCY HVAC HEATING, VENTILATION, BM EMER PL T.O.W. TOP OF WALL BITUM **AIR CONDITIONING** PLASTIC LAMINATE BITUMINOU EQUAL P.LAM TONGUE AND EQ T&G BLOCK HEIGHT PLWD PLYWOOD BLK EQPT EQUIPMENT HGT TYPICAL BLKG BLOCKING EXIST existing H.C. HOLLOW CORE PT POINT JNFINISHED BD BOARD EXP EXPANSION H.M. HOLLOW METAL P.S.A. POUNDS PER SQUARE INCH UNLESS NOTED U.N.O. BOTTOM OF PRECAST CONCRETE B/O EXPANSION JOINT HR HOUR P.C. VAPOR BARRII E.J. BOT BOTTOM EXPOSED INCL INCLUDE or PORTLAND CEMENT EXPO VINYL COMPC V.C.T. BLDG INSIDE DIAMETER BUILDING EXTERIOR I.D. RADIUS EXT VERT VERTICAL CATCH BASIN REF C.B. INSUL INSULATION REFERENCE FACE OF CONCRETE F.O.U WATERPROOF CEM CEMENT INTERIOR REINFORCED FACE OF FINISH INT REINF F.O.F. WT WEIGHT C.J. CONTROL JOINT F.O.S. FACE OF STUD JT JOINT reqd REQUIRED WEST or WIDTH W CLKG LEFT HAND RES RESILIENT CAULKING FIN FINISH L.H. WITH W/ CLG CEILING F.A. FIRE ALARM LGTH LENGTH R.A. RETURN AIR WITHOUT W/O CLR CLEAR F.E. FIRE EXTINGUISHER LTL LINTEL R.H. **RIGHT HAND** WD WOOD R.O.W. RIGHT OF WAY C.M.U. CONCRETE MASONRY UNIT M/E/P MECHANICAL, ELECTRICAL F.E.C FIRE EXTINGUISHER CABINET C.O. CLEAN OUT FRPF FIREPROOF & PLUMBING RISER R CENTER MANUFACTURER **ROOF DRAIN** CTR FLG R.D. Flashing MFR FLAT BAR ROOM C/L CENTERLINE MAS MASONRY RM F.B. FLOOR M.O. MASONRY OPENING R.O. ROUGH OPENING COL COLUMN SECTION CONC FLOOR DRAIN MTL MATERIAL SECT CONCRETE F.D. MAX MAXIMUM SCHED SCHEDULE CONN CONNECTION FLUOR FLUORESCENT CONST CONSTRUCTION FT FOOT or FEET MECH MECHANICAL Shtg Sheathing CONTR CONTRACTOR FTG FOOTING MEMB MEMBRANE SHT SHEET

# VICINITY PLAN



# SYMBOLS LEGEND



	GENERAL NOTES	INDEX OF DRAWING	;S
RE SET OF FOOT TIONS STEEL AL CAL E IRB VEMENT ALL ND GROOVE D TED OTHERWISE RRIER APOSITION TILE	<ol> <li>THE ARCHITECTS RESPONSIBILITY IS LIMITED TO THE ITEMS SHOWN ON THE ARCHITECTURAL DRAWINGS.OBTAIN ARCHITECT'S SPECIFIC APPROVAL PRIOR TO DEVIATING FROM THE DRAWINGS. FOLLOW THE BEST TRADE PRACTICES AND ENGINEERING FOR THE ITEMS NOT SPECIFICALLY DETAILED AND INDICATED.</li> <li>IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO FOLLOW ALL APPLICABLESAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.</li> <li>PROVIDE ADEQUATE TEMPORARY SUPPORT FOR WORK BEING CUT AND PATCHED TO PREVENT FAILURE. DO NOT ENDANGER OTHER WORK. PROVIDE ADEQUATE PROTECTION OF OTHER WORK DURING CUTTING AND PATCHING TO PREVENT DAMAGE. CUT WORK BY METHODS LEAST LIKELY TO DAMAGE WORK TO BE RETAINED AND WORK ADJOINING.</li> <li>ALL DIMENSIONS SHALL BE VERIFIED AT THE JOB BY THE GENERAL CONTRACTOR AND EACH SUB-CONTRACTOR. THE ARCHITECT MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.</li> <li>DIMENSIONS ARE WITNESSED TO FACE OF MASONRY OR TO FACE OF STUD UNLESS OTHERWISE NOTED.</li> <li>DETAILS SHOWN ON THE ARCHITECTURAL DRAWINGS ARE PART OF THE STRUCTURAL REQUIREMENTS.</li> <li>CONSTRUCTION JOINTS PERMITTED ONLY WHERE SHOWN OR AS APPROVED BY THE ARCHITECT.</li> <li>ALL CONNECTIONS ARE TO DEVELOP THE FULL STRENGTH OF THE FRAMING MEMBERS UNLESS OTHERWISE APPROVED.</li> <li>PROVIDE LINTELS OF ADEQUATE SIZE FOR ANY OPENINGS NOT SPECIFICALLY INDICATED, FOR DUCTWORK, PIPES, LOUVERS, GRILLS, DAMPERS, ETC.</li> <li>IN GENERAL, NEW MATERIALS AND MATERIALS FOR REPAIR CONDITIONS, SHALL MATCH SIMILAR ITEMS IN QUALITY, DETAIL, PROFILE, AND FINISH, AS THOSE ALREADY BUILT INTO THE WORK.</li> <li>COORDINATE LOCATIONS AND/OR ELEVATIONS OF FLOOR DRAINS, REGISTERS, ACCESS PANELS, GRILLES, LOUVERS, CONVECTORS, CABINET UNIT HEATERS, PANELS, ETC., WITH MECHANICAL AND ELECTRICAL CONTRACTORS.</li> <li>SIZE AND LOCATION OF ALL FLOOR, WALL OR ROOF OPENINGS TO BE VERIFIED WITH TRADE AFFECTED BEFORE PROCEEDING WITH WORK.</li> </ol>	T.01     TITLE SHEET     \$0.0       T.02     ACCESSIBILITY REQUIREMENTS     \$1.0       A1.00     LOWER LEVEL FLOOR PLAN	01     FRAMING PLANS       01     STRUCTURAL DETAILS       01     ELECTRICAL COVER SHEET       01     POWER & LIGHTING PLANS       01     ELECTRIC DETAILS
APOSITION TILE DOF DTH	<ol> <li>THE GENERAL CONTRACTOR SHALL COMPLY WITH ALL BUILDING CODE REQUIREMENTS OF THE LOCAL GOVERNING AUTHORITY, AND SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS, FEES, AND INSPECTIONS, WITH THE EXCEPTION OF FEES REQUIRED FOR THE PLUMBING, H.V.A.C., AND ELECTRICAL PORTIONS OF THE WORK, WHICH ARE THE RESPONSIBILITY OF THE RESPECTIVE SUBCONTRACTORS.</li> <li>G.C. RESPONSIBLE FOR COORDINATING SMOKE DETECTION SYSTEM ACCEPTANCE TESTS WITH THE BUILDING DEPARTMENT.</li> <li>G.C. SHALL PROVIDE A SET OF CONSTRUCTION DOCUMENTS AT THE SITE OF THE WORK AND SHALL BE OPEN FOR INSPECTION BY THE BUILDING OFFICIAL AT ALL TIMES WHILE SUCH WORK IS IN PROGRESS PER OBC 106.3.1</li> <li>SPACE SHALL NOT BE OCCUPIED UNTIL THE BUILDING OFFICIAL HAS ISSUED THE CERTIFICATE OF OCCUPANCY.</li> <li>ALL MEANS OF EGRESS DOORS SHALL BE READILY OPENABLE FROM SIDE WHICH EGRESS IS TO BE MADE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.</li> <li>PRIOR TO ANY EXCAVATION, CONTACT THE OHIO UTILITIES PROTECTION SERVICE (OUPS) AT (800) 362-2764 OR WWW.OUPS.ORG.</li> <li>TEMPORARY FACILITIES USED IN CONJUNCTION WITH WORK SHALL BE REMOVED UPON COMPLETION OF PROJECT. G.C. TO COORDINATE PERMITS/REQUIREMENTS WITH BUILDING DEPARTMENT.</li> <li>CONTRACTOR SHALL PROVIDE ONE (1) SET OF AS-BUILT DRAWINGS TO THE OWNER AFTER SUBSTANTIAL COMPLETION OF THE PROJECT AND WALK THE OWNER THROUGH NOTES MADE ON THE DRAWINGS THAT DESCRIBE FIELD CHANGES TO THE CONTRACT DOCUMENTS.</li> <li>IN THE ABSENCE OF LOCAL, STATE OR FEDERALS LAWS OR ORDINANCES REGULATING CONSTRUCTION SAFETY, THE PROVISIONS OF OBC CHAPTER 33 SHALL GOVERN SAFETY DURING CONSTRUCTION AS WELL AS THE PROTECTION OF ADJACENT PUBLIC AND PRIVATE PROPERTIES.</li> </ol>	ARCHITECT:         DKD ARCHITECTS, LLC.         S2 E. LYNN ST., 3RD FLOOR         COLUMBUS, OH 43215         P. (614) 717-3001         MEP ENGINEERING         CONTACT: SEAN SMITH         6225 EMERALD PARKWAY         DUBLIN, OH 43016         P. (614)-408-3862	STRUCTURAL ENGINEER: SCHAEFER 937 WEST THIRD AVE. COLUMBUS, OH 43212 CONTACT: JEFF BOLCHALK P. (614) 706-5411 OWNER MANAGEMENT: DUBLIN PARKS & RECREATION 6555 SHIRE-RINGS RD. DUBLIN, OH 43016 CONTACT: SHAWN KRAWETZKI P. (614) 410-4707
	KEY PLAN		
			PROPOSED PARKING

5

BUILDING KEY PLAN

N.T.S.

0' 15' 30' 60'

		OLOGINA       ARCHITECTS         SEAST LYNN STREET - THIRD FLOOR         SEAST LYNN STREET - THIRD FLOOR
JRAL STRUCTURAL GENERAL NOTES FRAMING PLANS STRUCTURAL DETAILS CAL ELECTRICAL COVER SHEET POWER & LIGHTING PLANS ELECTRIC DETAILS ELECTRIC SCHEDULES & RISER DIAGRAM	DEDIcation Codd Data         PDJECT SCOPE         MERROLECT ENTAILS THE REBUILDING OF A HISTORIC DUBLIN LOG CABIN. THE GROUND FLOOR WILL BE MULTI-USE ASSEMBLY SACE ACCESSABLE TO THE PUBLIC. THE LOWER LEVEL WILL CONTAIN MECHANCICAL AND UTILITIES. THE SECOND FLOOR LOFG (ULL NO BACCESSABLE TO THE PUBLIC. THE LOWER LEVEL WILL CONTAIN MECHANCICAL AND UTILITIES. THE SECOND FLOOR LOFG, ULL NO BACCESSABLE TO THE PUBLIC. THE LOWER LEVEL WILL CONTAIN MECHANCICAL AND UTILITIES. THE SECOND FLOOR LOFG, ULL NO BACCESSABLE TO THE PUBLIC. THE LOWER LEVEL WILL CONTAIN MECHANCICAL AND UTILITIES. THE SECOND FLOOR LOFG, ULL NO BACCESSABLE TO THE PUBLIC AND SHALL BE USED FOR STORAGE. THE BUILDING IST, 440 SQ. FT. (480 ON EACH FLOOR), THE ULL NO BATHROONS, BATHROONS WILL BE PROVIDED IN AN ADJACENT FACILITY.         A FLASE, NON-OPERATIONAL HIEPENACE.         A FLASE, NON-OPERATIONAL HIEPENACE.         B CLECTICAL SERVICES THROUGHOUT; NO PLUMBING, OR HVAC SHALL BE PROVIDED.         A FLOREDEDEDED         MEDIZDING CODE (D.S.C.)       2017 EDITION	Di Di Di Di Di
	OHIO DIECHAINCO CODE (O.M.C.)       2017 EDITION         OHIO DIECHAINCA CODE (O.P.C.)       2017 EDITION         OHIO FIRE CODE (O.F.C.)       2017 EDITION         OHIO FIRE CODE (O.F.C.)       2017 EDITION         OHIO FIRE CODE (O.F.C.)       2017 EDITION         OHIO ENERGY CODE       2017 EDITION         USE GROUP (302)       BUILDING:       PER THE SECTION 303, THE BUILDING IS CLASSIFIED AS B USE WITH A ASSEMBLY SPACE USED AS EXHIBIT         GALLERY OR MUSEUM; WITH AN OCCUPANT LOAD LESS THAN 50 PERSONS.       CONSTRUCTION TYPE:       58 NON-SPRINKLERED.         AREA OF WORK: 1,440 S.F.       OCCUPANT LOAD (TABLE 1004.1.2)       Image: Storage AREAS:       480 S.F./300 GROSS S.F. = 2 OCCUPANTS         STORAGE AREAS:       480 S.F./300 GROSS S.F. = 2 OCCUPANTS       STORAGE AREAS:       480 S.F./300 NET S.F. = 16 OCCUPANTS         TOTAL       20 OCCUPANT       20 OCCUPANTS       POSTING OF OCCUPANT LOAD (1004.3): PROVIDE OCCUPANT LOAD PLACARD IN CONSPICUOUS LOCATION NEAR MAIN EXIT	PROJECT: Relocation & Reconstruction to: The City of Dublin The City of Dublin The City of Dublin T125 Riverside Drive Dublin, Ohio 43016
STRUCTURAL ENGINEER: SCHAEFER 937 WEST THIRD AVE. COLUMBUS, OH 43212 CONTACT: JEFF BOLCHALK P. (614) 706-5411 OWNER MANAGEMENT: DUBLIN PARKS & RECREATION 6555 SHIRE-RINGS RD. DUBLIN, OH 43016 CONTACT: SHAWN KRAWETZKI P. (614) 410-4707	INCLUDING ALL ASSEMBLY SPACES (16 OCCUPANTS). POSTED SHALL SIGN SHALL BE OF AN APPROVED, LEGIBLE, PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER. FIRE RATINGS (TABLE 601) STRUCTURAL FRAME 0 HR BEARING WALLS INTERIOR 0 HR EXTERIOR 0 HR EXTERIOR 0 HR EXTERIOR 0 HR ROOF CONSTRUCTION 0 HR ROOF CONSTRUCTION 0 HR ROOF CONSTRUCTION 0 HR ROOF CONSTRUCTION 0 HR ROOF SI FACLES (TABLE 803.11) A2 USE (SPACE D03): EXTERICOR ENISHES (TABLE 803.11) A2 USE (SPACE D03): EXTERICOR ENISHES (TABLE 803.11) A2 USE (SPACE D03): EXTERICION 0 HR ROOM'S & ENCLOSED SPACES: CLASS B CORNDORS: CLASS C FIRE PROTECTION REQUIREMENTS AUTOMATIC SPRINKLER SYSTEM (SEC. 903) FIRE ALARM SYSTEM (SEC. 907) A MANUAL FIRE ALARM SYSTEM IS NOT REQUIRED. A MANUAL FIRE ALARM SYSTEM IS NOT REQUIRED. A MANUAL FIRE ALARM SYSTEM (SEC. 907) A MANUAL FIRE ALARM SYSTEM IS NOT REQUIRED. AUTOMATIC SPRINKLER SYSTEM (SEC. 907) A MANUAL FIRE ALARM SYSTEM IS NOT REQUIRED. A MANUAL FIRE ALARM SYSTEM IS NOT REQUIRED. MEANS OF EGRESS COMMON PATH OF TRAVEL (TABLE 1006.2.1) NO. OF EXITS FROVIDED: H A THRST FLOOR & 1 AT LOWER LEVEL PLUMBING FIXTURES (TABLE 2202.1) NA.	A G G G G G G G G G G G G G G G G G G G
- <u>DUBLIN ARTS CENTER BUILDING</u>		Project #:       2021-003         Issued For:       Progress         Date:       3/9/22         Revisions:
- <u>PROPOSED PARKING</u> - <u>PROPOSED CABIN LOCATION</u>		SHEET TITLE Title Sheet
	. NONE	sheet number T.O1

#### GENERAL ACCESSIBILITY NOTES

#### ALL INDICATED DIMENSIONS ARE CLEAR/FINISH VALUES. REFERENCED STANDARD IS ANSI A117, 1-2009.

- INDICATED NOTES AND DIAGRAMS ILLUSTRATE COMMON CONDITIONS ADDRESSED WITHIN ANSI A117.1. GENERAL CONTRACTOR SHOULD REFERENCE COMPLETE ANSI A117.1-2009 FOR CONDITIONS NOT DESCRIBED WITHIN THESE NOTES
- 4. CHANGES IN LEVEL VERTICAL (303.2): CHANGES IN LEVEL OF 1/4" HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL. REFER TO FIG 303.2.
- 5. CHANGES IN LEVEL BEVELED (303.3): CHANGES IN ELEVATION BETWEEN 1/4" AND 1/2" SHALL BE BEVELED
- WITH A SLOPE NOT STEEPER THAN 1:2. REFER TO FIG 303.3. 6. CHANGES IN LEVEL - RAMPED (303.4): CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE RAMPED PER 405
- OR 406. 7. TURNING SPACE - FLOOR OR GROUND SURFACES (304.2): FLOOR OR GROUND SURFACES OF A TURNING SPACE SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED.
- EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED. 8. TURNING SPACE - SIZE (304.3): TURNING SPACE SHALL COMPLY WITH COMPLY WITH ONE OF THE FOLLOWING OPTIONS:
- CIRCULAR SPACE (304.3.1): THE TURNING SPACE SHALL BE A SPACE OF 60" IN DIAMETER MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE TOE AND KNEE SPACE COMPLYING WITH 306. T-SHAPED SPACE (304.3.2): THE TURNING SPACE SHALL BE A T-SHAPED SPACE WITHIN A 60" SQUARE MINIMUM WITH ARMS AND BASE 36" WIDE MINIMUM. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 12" MINIMUM IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24" MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCES COMPLYING WITH 306 AT THE END OF EITHER THE BASE OR ONE ARM. 9. CLEAR FLOOR OR GROUND SPACE (305.2): FLOOR OR GROUND SURFACES OF A CLEAR FLOOR OR
- GROUND SPACE SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.
- 10. CLEAR FLOOR OR GROUND SPACE SIZE (305.3): THE CLEAR FLOOR OR GROUND SPACE SHALL BE 30" MINIMUM BY 48" MINIMUM. REFER TO FIG 305.5. 11. CLEAR FLOOR OR GROUND SPACE - KNEE CLEARANCE (305.4): UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING
- WITH 306 12. CLEAR FLOOR OR GROUND SPACE - APPROACH (305.6): ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE SHALL ADJOIN AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER CLEAR FLOOR
- OR GROUND SPACE. 13. CLEAR FLOOR OR GROUND SPACE - MANEUVERING CLEARANCE (305.7): WHERE A CLEAR FLOOR OR GROUND SPACE IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING CLEARANCES SHALL BE PROVIDED AS FOLLOWS: PARALLEL APPROACH (305.7.1): ALCOVES SHALL BE 60" WIDE MINIMUM WHERE THE DEPTH EXCEEDS 15". REFER TO FIG 305.7.2 FORWARD APPROACH (305.7.1): ALCOVES SHALL BE 36" WIDE MINIMUM WHERE THE DEPTH OF THE
- ALCOVE EXCEEDS 24". REFER TO FIG 305.7.2 14. TOE CLEARANCE (306.2): REFER TO FIG 306.2. GENERAL (306.2.1): SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9" ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED TOE CLEARANCE AND SHALL COMPLY WITH 306.2. MAXIMUM DEPTH (306.2.2): TOE CLEARANCE SHALL EXTEND 25" MAXIMUM UNDER AN ELEMENT. MINIMUM DEPTH (306.2.3): WHERE TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17" MINIMUM UNDER THE ELEMENT.
- ADDITIONAL CLEARANCE (306.2.4): SPACE EXTENDING GREATER THAN 6" BEYOND THE AVAILABLE KNEE CLEARANCE AT 9" ABOVE THE FINISH FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE. WIDTH (306.2.5): TOE CLEARANCE SHALL BE 30" WIDE MINIMUM. 15. KNEE CLEARANCE (306.3): REFER TO FIG 306.3 GENERAL (306.3.1): SPACE UNDER AN ELEMENT BETWEEN 9" AND 27" ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE AND COMPLY WITH 306.3. MAXIMUM DEPTH (306.3.2): KNEE CLEARANCE SHALL EXTEND 25" MAXIMUM UNDER AN ELEMENT AT 9" ABOVE THE FINISH FLOOR OR GROUND. MINIMUM REQUIRED DEPTH (306.3.3): WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART
- OF A CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11" DEEP MINIMUM AT 9" ABOVE THE FINISH FLOOR OR GROUND, AND 8" DEEP AT 27" ABOVE THE FINISH FLOOR OR GROUND. CLEARANCE REDUCTION (306.3.4): BETWEEN 9" AND 27" ABOVE THE FINISH FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1" IN DEPTH FOR EACH 6" IN HEIGHT. WIDTH (306.3.5): KNEE CLEARANCE SHALL BE 30" WIDE MINIMUM.
- 16. FORWARD REACH UNOBSTRUCTED (308.2.1): WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48" MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15" MINIMUM ABOVE THE FINISH FLOOR OR GROUND. REFER TO FIG 308.2.1.
- 17. FORWARD REACH OBSTRUCTED (308.2.2): WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE OF NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48" MAXIMUM WHERE THE REACH DEPTH IS 20" MAXIMUM. WHERE THE DEPTH EXCEEDS 20", THE HIGH FORWARD REACH SHALL BE 44" MAXIMUM AND THE REACH DEPTH SHALL BE 25" MAXIMUM. REFER TO FIG 308.2.2
- 18. SIDE REACH UNOBSTRUCTED (308.3): WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE EDGE OF THE CLEAR FLOOR SPACE IS 10" MAXIMUM FROM THE ELEMENT, THE HIGH SIDE REACH SHALL BE 48" MAXIMUM AND THE LOW SIDE REACH SHALL BE 15" MINIMUM ABOVE THE FINISH FLOOR OR GROUND. REFER TO FIG 308.3.1 EXCEPTION: EXISTING ELEMENTS THAT ARE NOT MORE ALTERED ARE PERMITTED AT 54" MAXIMUM ABOVE
- THE FLOOR. 19. SIDE REACH - OBSTRUCTED (308.3.2): WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34" MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24" MAXIMUM. THE HIGH SIDE REACH SHALL BE 48" MAXIMUM FOR A REACH DEPTH OF 10" MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10", THE HIGH SIDE REACH SHALL BE 46" FOR A REACH DEPTH OF 24" MAXIMUM. REFER TO FIG 308.3.1.

#### ACCESSIBLE ROUTE NOTES:

- WALKING SURFACES SLOPE (403.3): THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48. 2. WALKING SURFACES - CLEAR WIDTH (403.5): THE MINIMUM CLEAR WIDTH OF WALKING SURFACES SHALL BE
- EXCEPTION: THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32" MINIMUM FOR A LENGTH OF 24" MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48" LONG MINIMUM AND 36" WIDE MINIMUM. REFER TO FIG 403.5.
- 3. CLEAR WIDTH AT 180° TURN (403.5.1): WHERE AN ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND A ELEMENT WHICH IS LESS THAN 48" WIDE, CLEAR WIDTH SHALL BE 42" MINIMUM APPROACHING THE TURN, 48" MINIMUM AT THE TURN AND 42" MINIMUM LEAVING THE TURN. REFER TO FIG 403.5.1 (A) EXCEPTION: SECTION 402.5.1 SHALL NOT APPLY WHERE THE CLEAR WIDTH DURING THE TURN IS 60" MINIMUM. REFER TO FIG 403.5.1 (B).
- 4. PASSING SPACES (403.5.2): AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60" SHALL PROVIDE PASSING SPACES AT INTERVALS OF 200' MAXIMUM. PASSING SPACES SHALL BE EITHER: A SPACE 60" MINIMUM BY 60" MINIMUM; OR AN INTERSECTION OF TWO WALKING SURFACES PROVIDING A T-SHAPED SPACE COMPLYING WITH 304.3.2 WHERE THE BASE AND ARMS OF THE T-SHAPED SPACE EXTEND 48" MINIMUM BEYOND THE INTERSECTION.

#### ACCESSIBLE DOOR NOTES

- NOTES AND DIAGRAMS APPLY TO ALL DOORS, DOORWAYS AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE.
- 2. ALL INDICATED DIMENSIONS ARE <u>CLEAR/FINISH</u> VALUES. 3. DOUBLE-LEAF DOORS AND GATES (404.2.1): AT LEAST ONE ACTIVE LEAF SHALL COMPLY WITH 404.2.2 &
- 404.2.3. 4. CLEAR WIDTH (404.2.2): DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32" MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24" IN DEPTH AT DOORS AND DOORWAYS WITHOUT DOORS SHALL PROVIDE PROVIDE A CLEAR OPENING OF 36" MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING LOWER THAN 34" ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34" AND 80" ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4". EXCEPTION 1: DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78" MINIMUM ABOVE
- THE FINISH FLOOR OR GROUND. EXCEPTION 2: IN ALTERATIONS, A PROJECTION OF 5/8" MAXIMUM INTO THE REQUIRED CLEAR
- OPENING WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP.
- 5. MANEUVERING CLEARANCES AT SWINGING DOORS AND GATES (404.2.3): REFER TO FIG 404.2.3.2 FOR MANEUVERING CLEARANCES.
- 6. MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS (404.2.3.4): REFER TO 404.2.3.4 FOR
- MANEUVERING CLEARANCES. 7. DOORS IN SERIES AND GATES IN SERIES (404.2.5): REFER TO FIG 404.2.5 FOR MANEUVERING
- CLEARANCES.
- 8. DOOR AND GATE HARDWARE (404.2.6): HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE. OPERABLE PARTS OF A SUCH HARDWARE SHALL BE 34" MINIMUM AND 48" MAXIMUM ABOVE FINISH FLOOR OR GROUND. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. EXCEPTION: LOCKS USED ONLY FOR SECURITY PURPOSES AND NOT USED FOR NORMAL OPERATIONS
- SHALL NOT BE REQUIRED TO COMPLY WITH SECTION 404.2.6. 12. DOOR AND GATE CLOSERS (404.2.7.1): DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A
- POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM 13. SPRING HINGES (404.2.8.2): DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5
- SECONDS MINIMUM 14. DOOR AND GATE OPENING FORCE (404.2.8): FIRE DOORS SHALL HAVE A MINIMUM CLOSING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS: INTERIOR HINGED DOORS AND GATES: 5 POUNDS MAXIMUM
- SLIDING OR FOLDING DOORS: 5 POUNDS MAXIMUM THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE
- OTHER DEVICES THAT HOLD THE DOOR IN A CLOSED POSITION. 15. AUTOMATIC DOORS (404.3): AUTOMATIC DOORS AND AUTOMATIC GATES SHALL COMPLY WITH ANSI/BHMA A156.10 LISTED IN SECTION 105.2.4. LOW-ENERGY AND POWER-ASSISTED DOORS SHALL COMPLY WITH ANSI/BHMA A156.19 LISTED IN SECTION 105.2.3. EXCEPTION: DOORS, DOORWAYS AND GATES DESIGNED TO BE OPERATED ONLY BY SECURITY
- PERSONNEL SHALL NOT BE REQUIRED TO COMPLY WITH SECTIONS 404.3.2, 404.3.4 & 404.3.5. 16. THRESHOLDS (404.2.4) THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2" HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 302 AND 303.

#### ACCESSIBLE SIGNAGE

- 1. REQUIRED SIGNAGE LOCATIONS <u>DIRECTIONAL AND INFORMATIONAL SIGNS</u>: SIGNS THAT PROVIDE DIRECTION TO OR INFORMATION ABOUT INTERIOR SPACES AND FACILITIES OF THE SITE SHALL COMPLY WITH 703.2. MEANS OF EGRESS - EXIT DOORS: DOOR AT EXIT PASSAGEWAYAYS, EXIT DISCHARGE AND EXIT STAIRWAYS HALL BE IDENTIFIED BY TACTILE SIGNS COMPLYING WITH 703.1, 703.2 AND 703.3. MEANS OF EGRESS - AREAS OF REFUGE: SIGNS REQUIRED BY BUILDING CODE TO PROVIDE INSTRUCTIONS IN AREAS OF REFUGE SHALL COMPLY WITH 703.1, 703.2 & 703.3. MEANS OF EGRESS - DIRECTIONAL SIGNS: SIGNS REQUIRED BY BUILDING CODE TO PROVIDE DIRECTIONS TO IN ACCESSIBLE MEANS OF EGRESS SHALL COMPLY WITH 703.2.
- PARKING: ACCESSIBLE PARKING SPACES COMPLYING WITH 502 NTRANCES: WHERE NOT NOT ALL ENTRANCES COMPLY WITH 404, ENTRANCES COMPLYING WITH 404 SHALL
- BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. DIRECTIONAL SIGNS COMPLYING WITH 703.2 THAT INDICATE THE LOCATION OF THE NEAREST ENTRANCE COMPLYING WITH 404 SHALL BE PROVIDED AT ENTRANCES THAT DO NOT COMPLY WITH 404
- ELEVATORS: WHERE EXISTING ELEVATORS DO NOT COMPLY WITH 407, ELEVATORS COMPLYING WITH 407 HALL BE CLEARLY IDENTIFIED WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. TOILET ROOMS AND BATHING ROOMS: SIGNS SHALL COMPLY WITH 703.2 AND SHALL INCLUDE THE VTERNATIONAL SYMBOL OF ACCESSIBILITY. WHERE EXISTING TOILET OR BATHING ROOMS DO NOT COMPLY WITH 603. THE TOILET OR BATHING ROOMS COMPLYING WITH 603 SHALL BE IDENTIFIED BY THE INTERNATIONAL
- SYMBOL OF ACCESSIBILITY. WHERE CLUSTERED SINGLE USER TOILET OR BATHING FACILITIES ARE PERMITTED TO USE EXCEPTIONS TO STANDARDS, TOILET ROOMS OR BATHING FACILITIES COMPLYING WITH 603 SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY UNLESS ALL TOILET ROOMS AND BATHING FACILITIES COMPLY WITH 603.
- ITY'S: PUBLIC TTY'S SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF TTY. <u>ASSISTIVE LISTENING SYSTEMS:</u> SIGNS SHALL COMPLY WITH 703.2 AND INCLUDE THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS
- GENERAL (703.1): ACCESSIBLE SIGNS SHALL COMPLY WITH 703. TACTILE SIGNS SHALL CONTAIN BOTH RAISED CHARACTERS AND BRAILLE. WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED.
- VISUAL CHARACTERS (703.2): VISUAL CHARACTERS SHALL COMPLY WITH 703.2.1 CASE (703.2.2): CHARACTERS SHALL BE UPPERCASE OR LOWERCASE OR A COMBINATION OF BOTH.
- 2.3]: CHARACTERS SHALL BE CONVENTIONAL IN FORM. CHARACTERS SHALL NOT BE ALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS. CHARACTER HEIGHT (703.2.4): THE UPPERCASE LETTER "I" SHALL BE USED TO DETERMINE THE ALLOWABLE EIGHT OF ALL CHARACTERS OF A FONT. THE UPPER CASE OF THE FONT SHALL HAVE A MINIMUM VIEWING HEIGHT COMPLYING WITH TABLE 703.2.4. VIEWING DISTANCE SHALL BE MEASURED AS THE HORIZONTAL DISTANCE BETWEEN THE CHARACTER AND AN OBSTRUCTION PREVENTING FURTHER APPROACH TO THE SIGN. CHARACTER WIDTHS (703.2.5): CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE JPPERCASE "O" IS 55 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE
- LETTER "I". STROKE WIDTH (703.2.6): STROKE THICKNESS OF THE UPPERCASE "I" SHALL BE 10 PERCENT MINIMUM AND 30 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER. CHARACTER SPACING (703.2.7): CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST
- POINTS OF ADJACENT CHARACTERS, EXCLUDING WORD SPACES. SPACING BETWEEN INDIVIDUAL CHARACTERS SHALL BE 10 PERCENT MINIMUM AND 35 MAXIMUM OF CHARACTER HEIGHT. LINE SPACING (703.2.8): SPACING BETWEEN BASELINES OF SEPARATE LINES OF CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF THE CHARACTER HEIGHT. HEIGHT FROM FINISH FLOOR OR GRADE (703.2.9): VISUAL CHARACTERS SHALL BE 40" MINIMUM ABOVE THE FINISH FLOOR OR GROUND MEASURED TO THE BASELINE OF THE CHARACTER.
- EXCEPTION: VISUAL CHARACTERS INDICATING ELEVATOR CAR CONTROLS SHALL NOT BE REQUIRED O COMPLY WITH 703.2.9. INISH AND CONTRAST (703.2.10): CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE
- SH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. RAISED CHARACTERS (703.3.1): RAISED CHARACTERS SHALL COMPLY WITH 703.3 AND SHALL BE DUPLICATED
- N BRAILLE COMPLYING WITH 703.4. DEPTH (703.3.2): RAISED CHARACTERS SHALL BE 1/32" MINIMUM ABOVE THEIR BACKGROUND. 3.3.3): CHARACTERS SHALL BE UPPERCASE
- (LE (703.3.4): CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, CRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS. CHARACTER HEIGHT (703.3.5): CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE
- CHARACTER SHALL BE 5/8" MINIMUM AND 2" MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I". EXCEPTION: WHERE SEPARATE RAISED AND VISUAL CHARACTERS ARE PROVIDE WITH THE SAME INFORMATION ARE PROVIDED, RAISED CHARACTER HEIGHT SHALL BE PERMITTED TO BE 1/2" MINIMUM. CHARACTER WIDTH (703.3.6): CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE PPERCASE LETTER "O" IS 55 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE LETTER
- TROKE WIDTH (703.3.7): STROKE THICKNESS OF THE UPPERCASE "I" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER MEASURED AT THE TOP SURFACE OF THE CHARACTER AND 30 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I" MEASURED AT THE BASE OF THE CHARACTER. WHEN CHARACTERS ARE BOTH VISUAL AND RAISED, THE STROKE WIDTH SHALL BE 10 PERCENT MINIMUM OF THE HEIGHT OF THE UPPERCASE "I".
- CHARACTER SPACING (703.3.8): CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST OINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES. SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8" MINIMUM MEASURED AT THE TOP SURFACE OF THE CHARACTERS, 1/16" MINIMUM MEASURED AT THE BASE OF THE CHARACTERS AND FOUR TIMES THE RAISED
- STROKE WIDTH MAXIMUM. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8" MINIMUM.UM. LINE SPACING (703.3.9): SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS
- WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF THE RAISED CHARACTER HEIGHT. HEIGHT FROM FINISH FLOOR OR GRADE (703.3.10): RAISED CHARACTERS SHALL BE 48" MINIMUM ABOVE THE
- INISH FLOOR OR GROUND MEASURED TO THE BASELINE OF THE LOWEST RAISED CHARACTER AND 60" MAXIMUM ABOVE THE FLOOR MEASURED TO THE BASELINE OF THE HIGHEST RAISED CHARACTER. EXCEPTION: RAISED CHARACTERS INDICATING ELEVATOR CAR CONTROLS SHALL NOT BE REQUIRED
- OCATION (703.3.11): WHERE A SIGN CONTAINING RAISED CHARACTERS AND BRAILLE IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A SIGN CONTAINING RAISED CHARACTERS OR BRAILLE IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF. THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A SIGN CONTAINING RAISED CHARACTERS AND BRAILLE IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS. THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT-HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING RAISED CHARACTERS AND BRAILLE SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18" MINIMUM BY 18" MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC
- OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. EXCEPTION: SIGNS WITH RAISED CHARACTERS AND BRAILLE SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES. FINISH AND CONTRAST (703.3.12): CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE
- INISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. EXCEPTION: WHERE SEPARATE RAISED CHARACTERS AND VISUAL CHARACTERS WITH THE SAME
- OR TO CONTRAST WITH THEIR BACKGROUND 8. BRAILLE (703.4.1): BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH 703.4 PPERCASE LETTERS (703.4.2): THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS AND ACRONYMS.
- DIMENSIONS (703.4.3): BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 703.4.3. POSITION (703.4.4): BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT. IF IT IS MULTI-LINED,
- BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE SEPARATED 3/8" MINIMUM FROM ANY OTHER RAISED CHARACTERS AND 3/8" MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS. BRAILLE CHARACTERS ON ELEVATOR CAR CONTROLS SHALL BE SEPARATED BY 3/16" MINIMUM AND SHALL BE LOCATED EITHER DIRECTLY BELOW OR ADJACENT TO THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS
- O COMPLY WITH 703.4.5. 9. <u>PICTOGRAMS (703.5.1)</u>: PICTOGRAMS SHALL COMPLY WITH 703.5.
- PICTOGRAMS SHALL CONTRAST THEIR FIELD WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD.
- LIGHT SYMBOL ON A DARK BACKGROUND OR A DARK SYMBOL ON A LIGHT BACKGROUND.
- SYMBOLS OF ACCESSIBILITY (703.6.3):
- VOLUME CONTROL TELEPHONES (703.6.3.4)

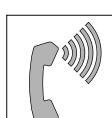
- INTERNATIONAL SYMBOL OF ACCESSIBILITY (703.6.3.1)
- INTERNATIONAL SYMBOL OF TTY (703.6.3.2)
- HEIGHT FROM FINISH FLOOR OR GRADE (703.4.5): RAISED CHARACTERS SHALL BE 48" MINIMUM AND 60"
- MAXIMUM ABOVE THE FLOOR MEASURED TO THE BASELINE OF THE BRAILLE CELLS. EXCEPTION: RAISED CHARACTERS INDICATING ELEVATOR CAR CONTROLS SHALL NOT BE REQUIRED
- PICTOGRAM FIELDS (703.5.2): PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6" MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD. FINISH AND CONTRAST (703.5.3): PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-GLARE FINISH.
- SYMBOLS OF ACCESSIBILITY (703.6.1): SYMBOLS OF ACCESSIBILITY SHALL COMPLY WITH 703.6.
- FINISH AND CONTRAST (703.6.2): SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER A

- INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS (703.6.3.3)

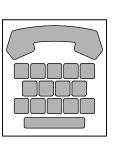
- INFORMATION ARE PROVIDED, RAISED CHARACTERS ARE NOT REQUIRED TO HAVE NON-GLARE FINISH
- TO COMPLY WITH 703.3.10.

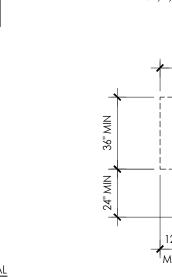












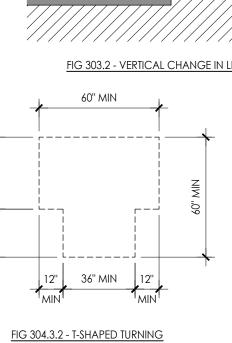
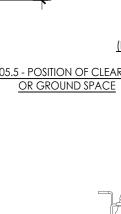
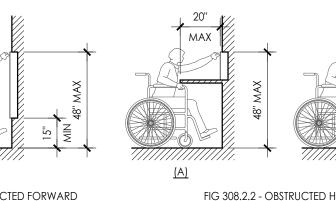
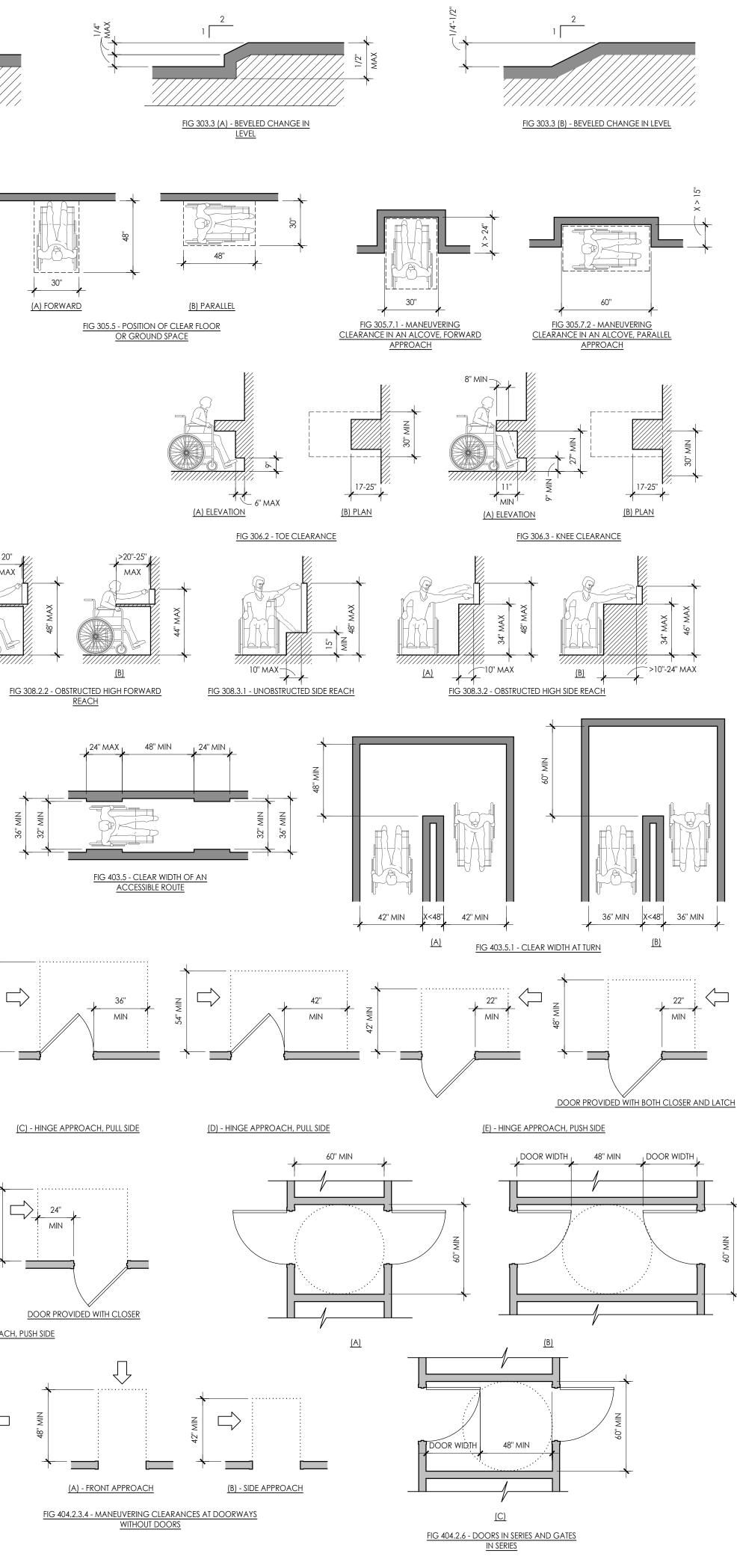


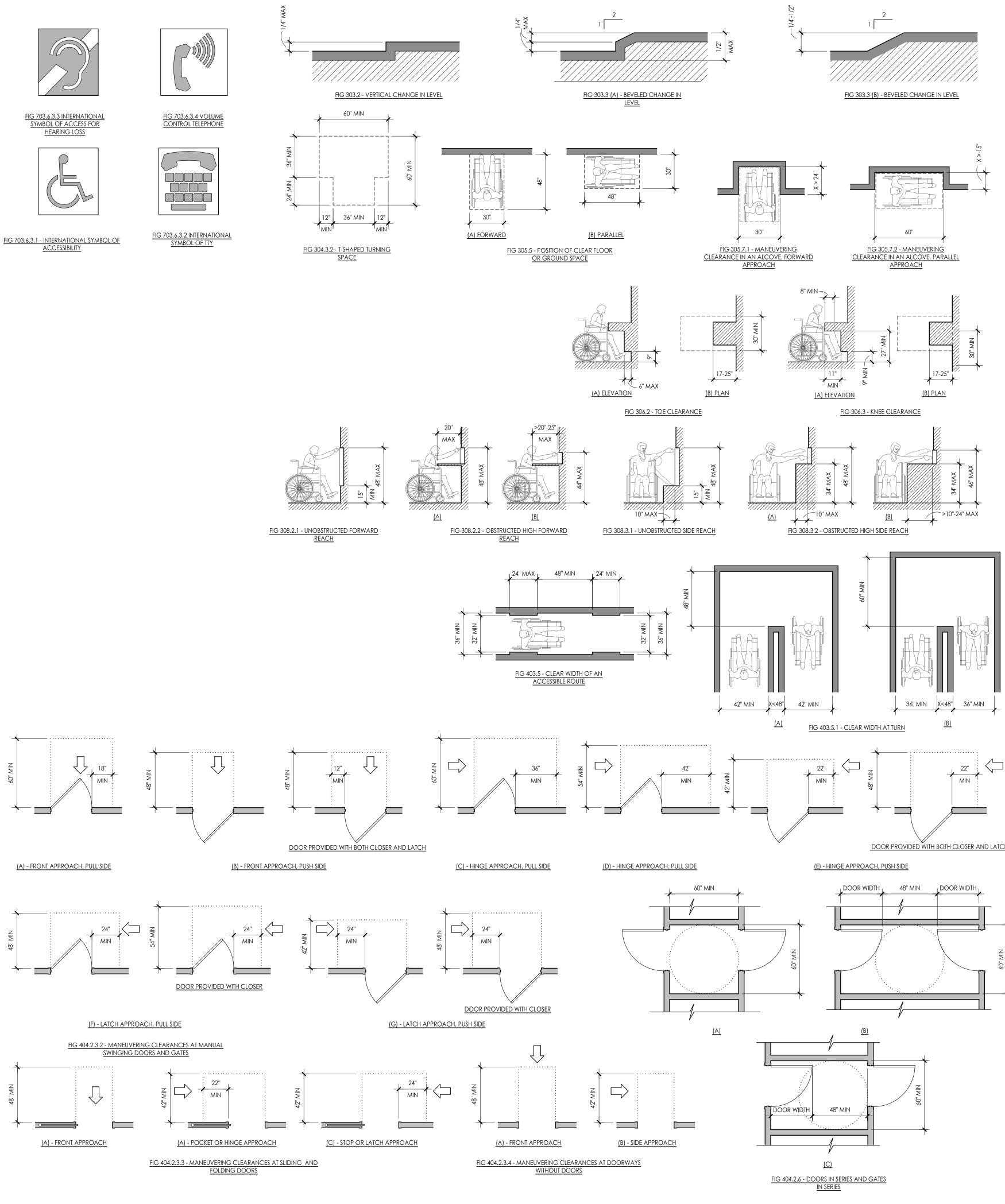
FIG 303.2 - VERTICAL CHANGE IN LEVEL

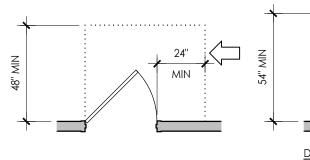


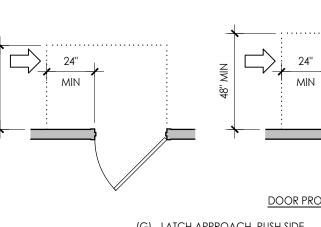


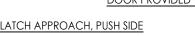
REACH

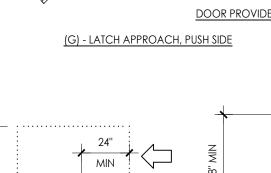


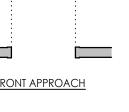


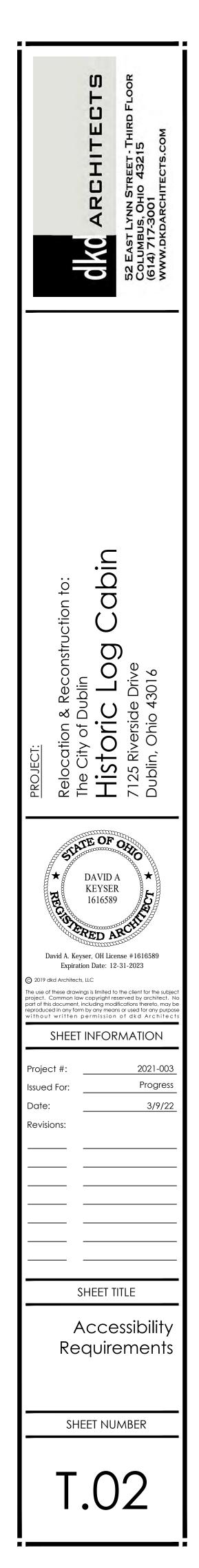




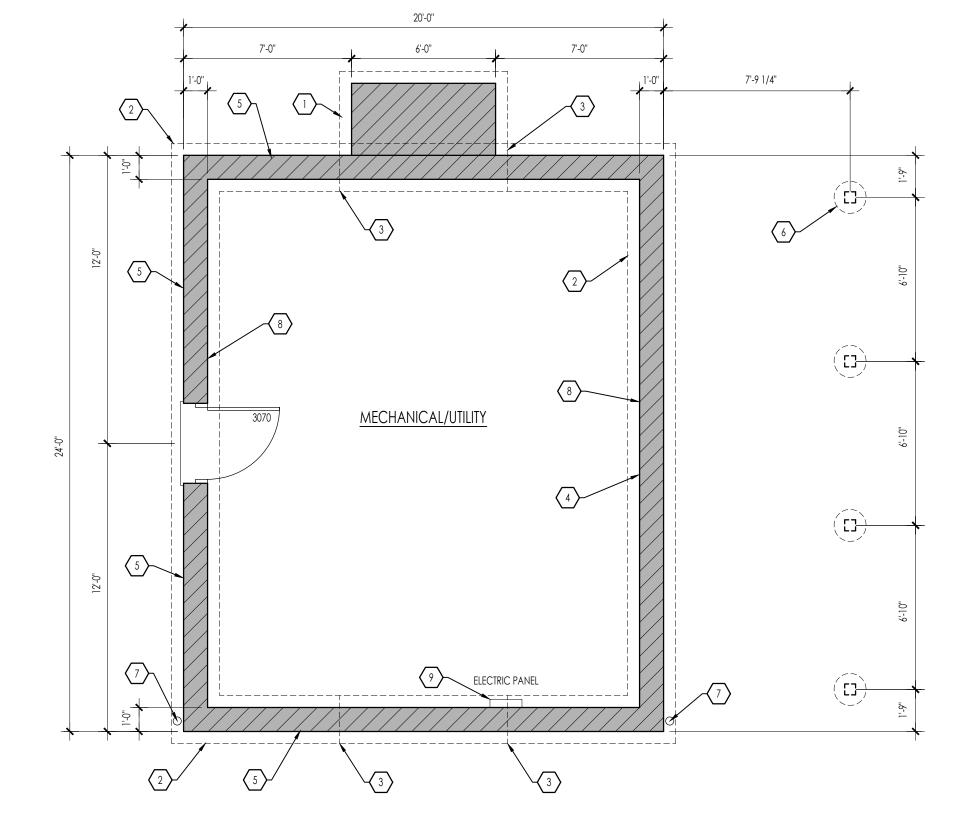








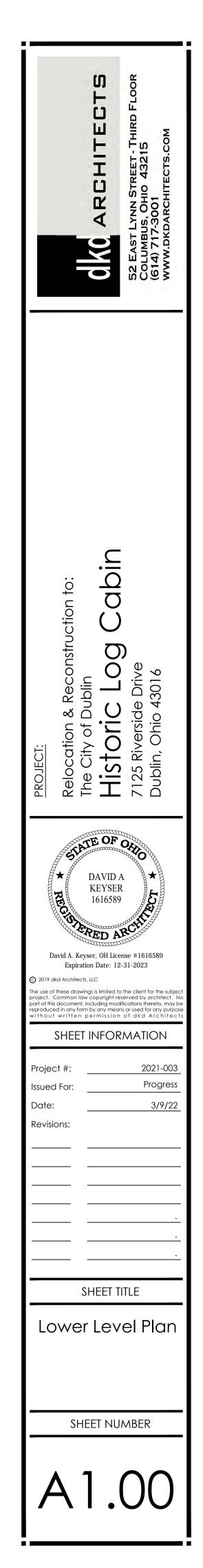




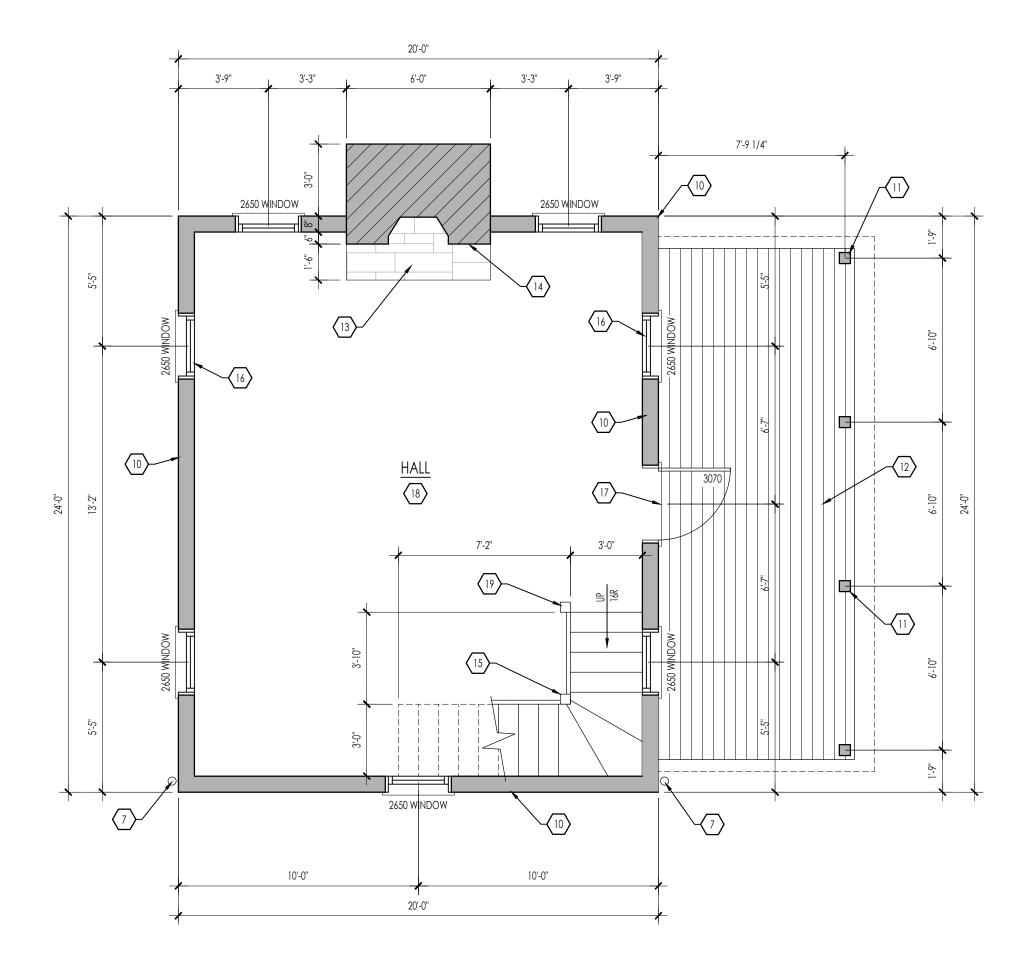
- A. G.C. TO VERIFY QUANTITY & LOCATION OF FIRE EXTINGUISHERS W/ FIRE DEPARTMENT.
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- C. G.C. TO FILL/SEAL ANY GAPS AT PENETRATIONS AND/OR OPENINGS THRU EXTERIOR WALL.
- D. INDICATED DIMENSIONS ARE TO FINISH SURFACE OF WOOD LOGS OR C.M.U. UNLESS NOTED OTHERWISE.
- E. REFER TO SHEETS T1.02 FOR REQUIRED ACCESSIBLE CLEARANCES AT DOORWAYS.

## CODED FLOOR PLAN NOTES $\langle \cdot angle$

- 1. 3'-0"X7'-0" CONC. MATT FOOTING WITH #5 RE-BARS (SEE FOUNDATION PLAN).
- 12"X24" CONC. FOOTING WITH (2) #5 RE-BARS (SEE FOUNDATION PLAN).
   STEP FOOTING AS NEEDED TO STAY 36" BELOW FROST LINE.
- 4. 12" C.M.U. FOUNATION WALL (SEE FOUNATION PLAN).
- 5. 8" C.M.U. FOUNDATION WALL WITH 4" STONE VENEER STEPPED TO REMAIN BELOW
- GRADE 12" C.M.U. BELOW.6. 16" DIA. CONC. FTR. FOR PORCH POST ABOVE, TYP. FOR 4 (SEE FOUNDATION PLAN).
- To DIA. CONC. FIR. FOR FORCH FOST ABOVE, THE FOR 2
   4" GALVANIZED DOWNSPOUT CONNECT TO DRAIN TILE.
- 8. UNPAINTED C.M.U. FOUNDATION WALL, TYP.
- 9. ELECTRIC PANEL (SEE ELECTRICAL DRAWINGS).
- 10. RECYCLED WOOD HEWN-LOG WALL CONSTRUCTION WITH NOTCHED CORNERS AND
- MODERN CHINKING. 11. 6x6 ROUGH-CUT WOOD POSTS ON CONC. FTR. TYP. FOR 4 (SEE FOUNDATION PLAN).
- 12. 5/4 x6 ROUGH-CUT WD. PORCH ON TREATED 2X FRAMING (SEE FIRST FLOOR FRAMING
- PLAN). 13. FLUSH STONE HEARTH (SEE INTERIOR ELEVATION).
- 14. 'FAUX' FIREPLACE & CORBLED STONE MANTLE (SEE INTERIOR ELEVATION).
- 15. ROUGH-CUT WD. STAIR AND FRAMING (SEE INTERIOR ELEVATION).
- 16. WD. WINDOW (SEE OPENING SCHEDULE).
- FLUSH THRESHOLD FOR ACCESSIBLE ENTRY.
   ROUGH-CUT WD. FLOORING.
- 19. 4x4 ROUGH-CUT WD. POSTS RAILING (SEE INTERIOR ELEVATION).
- 20. CEDAR ROOF SHINGLES BELOW.
- 21. FALSE CHIMNEY WITH STONE VENEER.
- 22. ROUGH-CUT WD. CEILING BEAMS ABOVE (SEE REFLECTED CEILING PLANS)



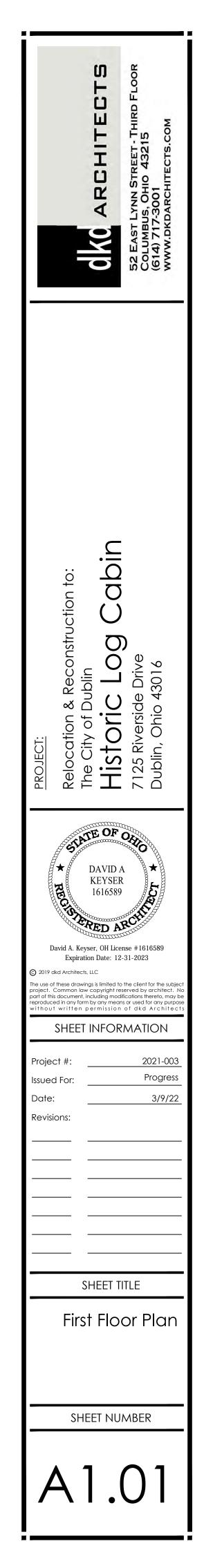




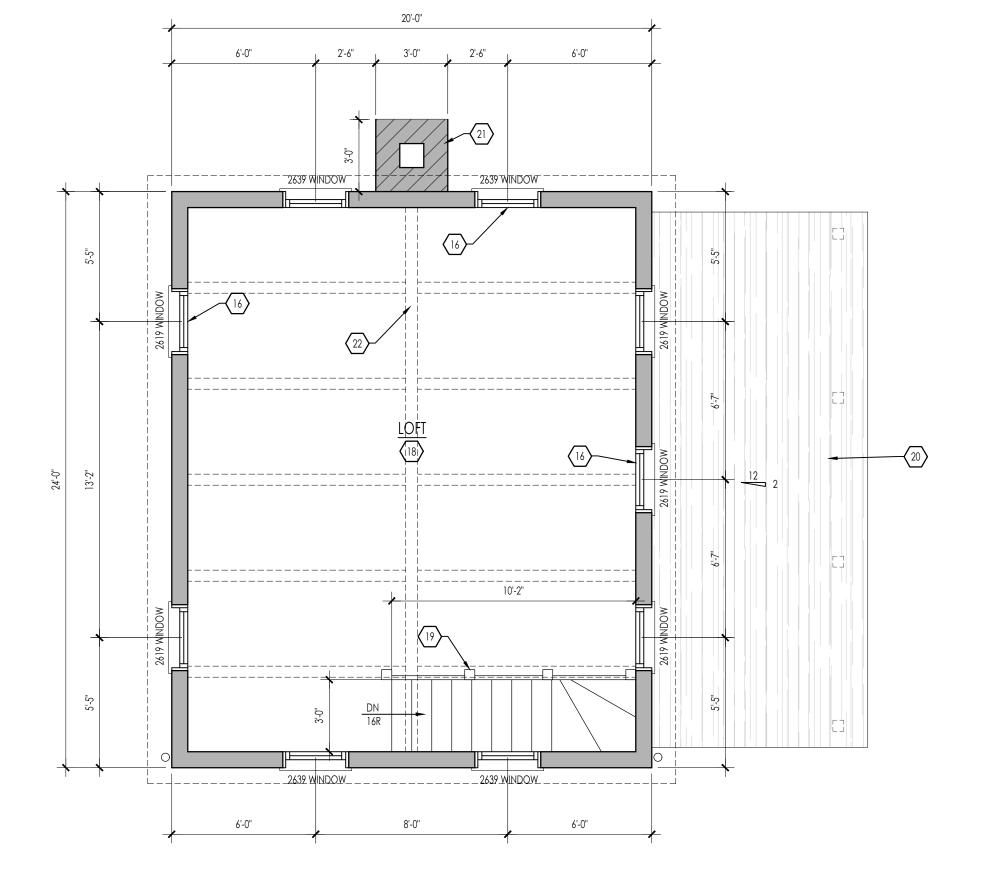
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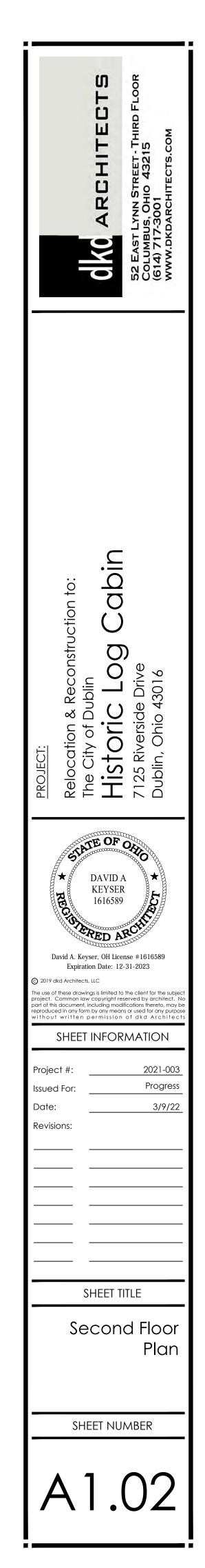


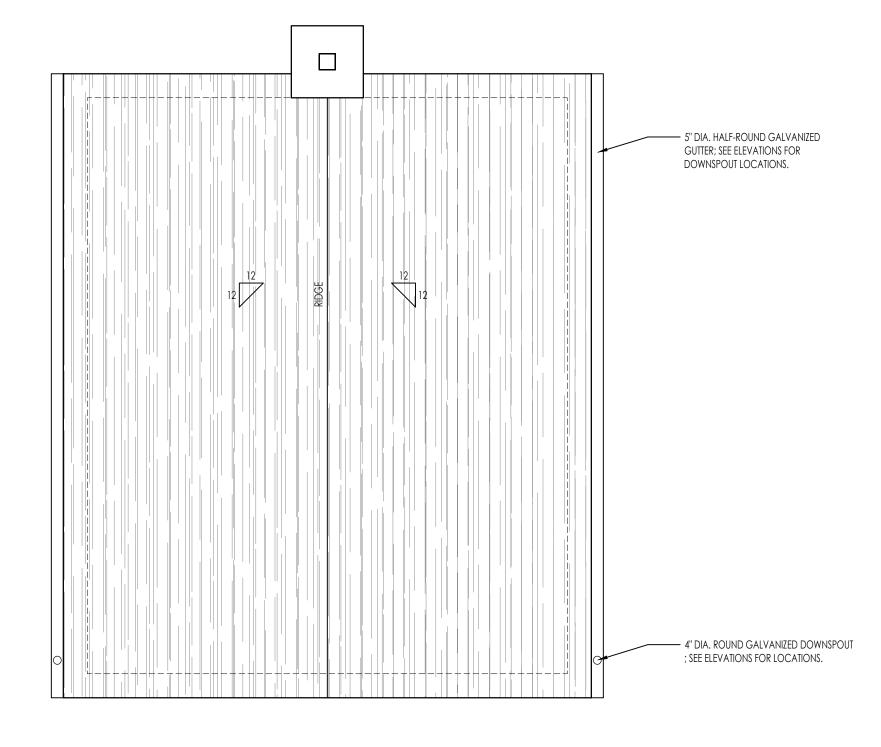


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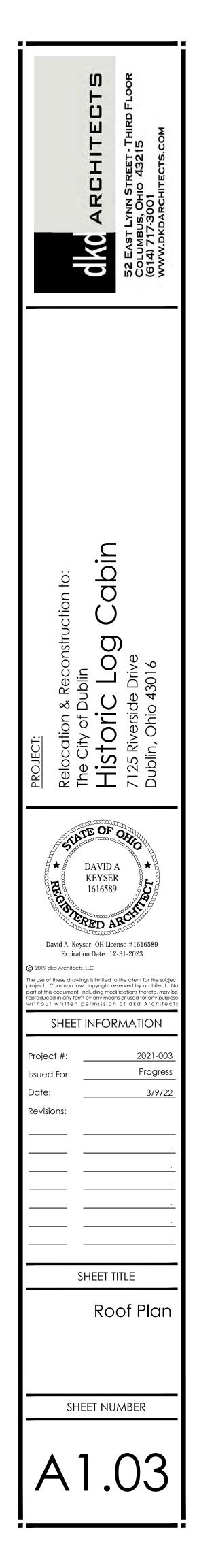
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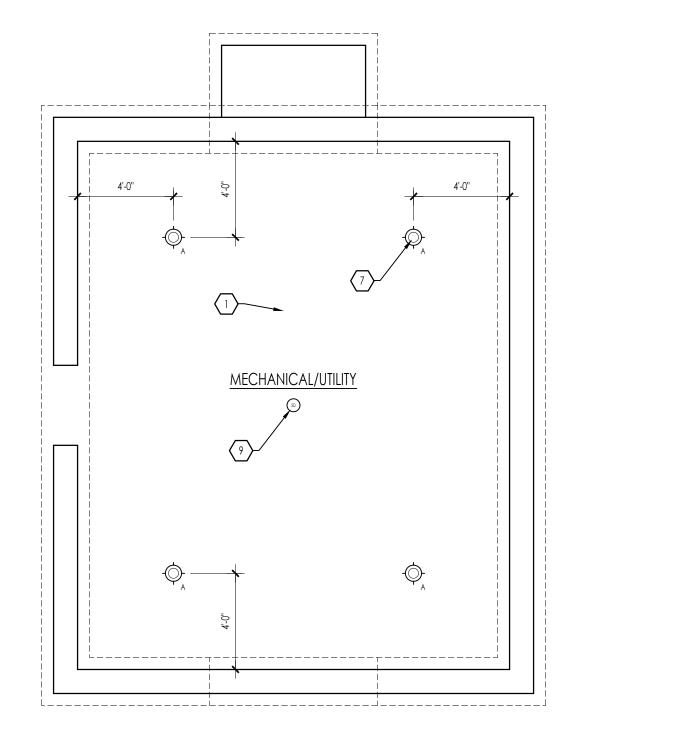












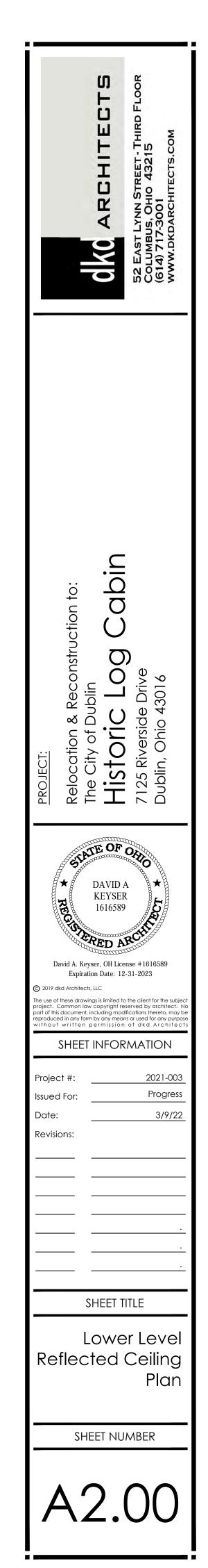
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### CODED CEILING NOTES

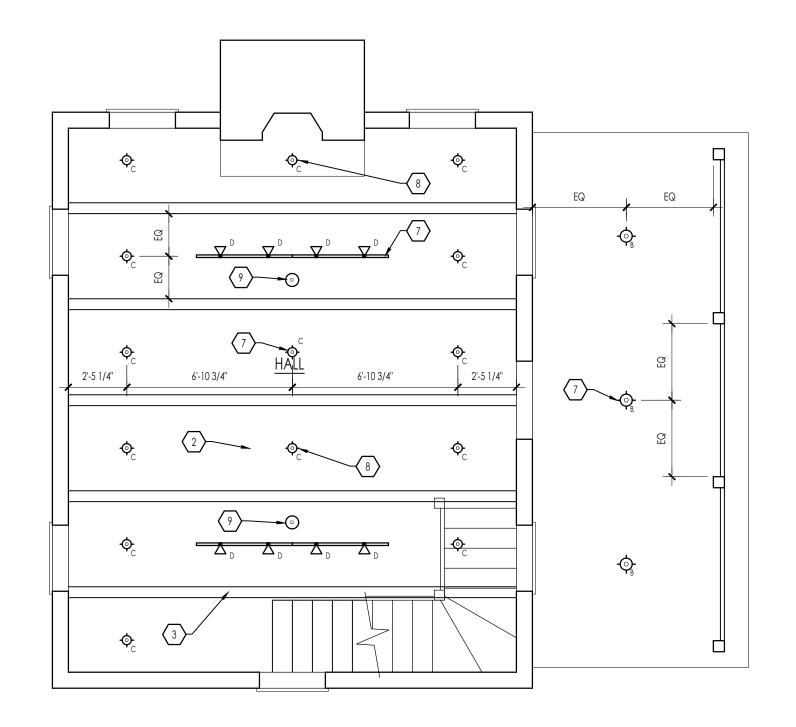
- 1. UNPAINTED FLOOR FRAMING & DECK , FLOOR NOT RATED.
- 2. FLOOR FRAMING TO BE COVERED WITH 1x6 ROUGH-CUT BOARDS.
- 3. 'FAUX' ROUGH-CUT BEAMS 4x8 ATTACHED TO FLOOR FRAMING ABOVE.
- ROOF RAFTERS TO BE COVERED WITH 1x6 ROUGH-CUT BOARDS.
   TRIM COLLAR TIES WITH ROUGH-CUT 1x TRIM BOARDS.
- 'FAUX' ROUGH-CUT BEAMS 4x8 ATTACHED TO ROOF FRAMING ABOVE.
- 7. LOCATE LIGHT FIXTURE AS DIMENSIONED.
- 8. LOCATE LIGHT FIXTURE IN CENTER OF SPACE BETWEEN BEAMS.
- 9. SMOKE ALARM DEVICE. REFER TO ELECTRICAL DRAWINGS.

#### GENERAL CEILING NOTES

- a. ARCHITECTURAL REFLECTED CEILING PLAN INTENDED TO SHOW LOCATION OF LIGHT FIXTURES AND DEVICES. REFER TO ELECTRICAL DRAWINGS FOR FIXTURE DESIGNATIONS & SPECIFICATIONS.
- b. MOUNTING HEIGHTS LISTED ARE TO BOTTOM OF FIXTURE FOR CEILING MOUNTS, AND CENTER OF J-BOX FOR WALL MOUNTS.





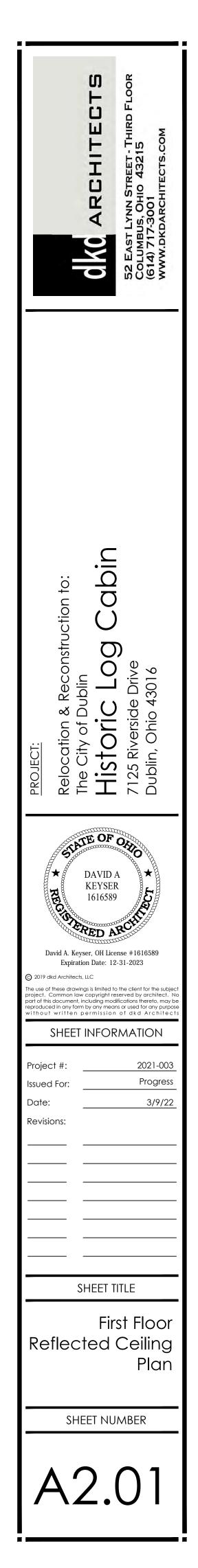


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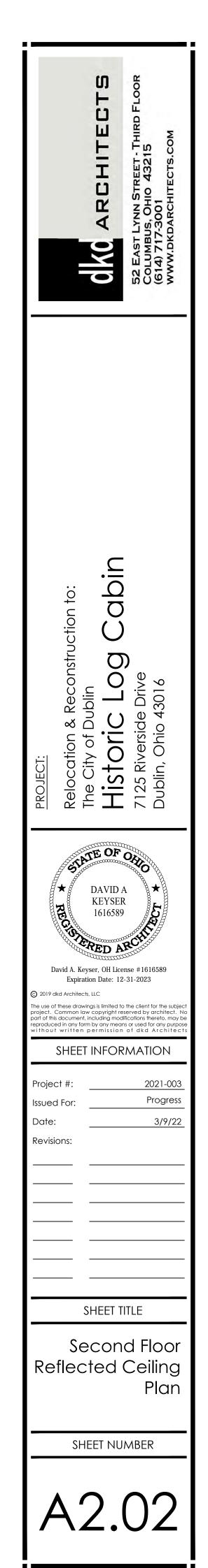
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ROUGH-CUT WD. RAKE BD. ——

AND SOFFIT TRIM

WESTERN RED CEDAR ROOF SHINGLES, 24" HEAVY GRADE #1

SECOND FLOOR CEILING EL: 118'-0"

ROUGH-CUT 6" WOOD LAP SIDING ------

\_\_\_\_\_\_. <u>SECOND FLOOR</u> EL: 110'-0"

SALVAGED & RECYCLED WOOD LOGS \_\_\_\_\_ AND CHINKING WITH NOTCHED CORNERS

MARVIN ULTIMATE DOUBLE HUNG WINDOWS -

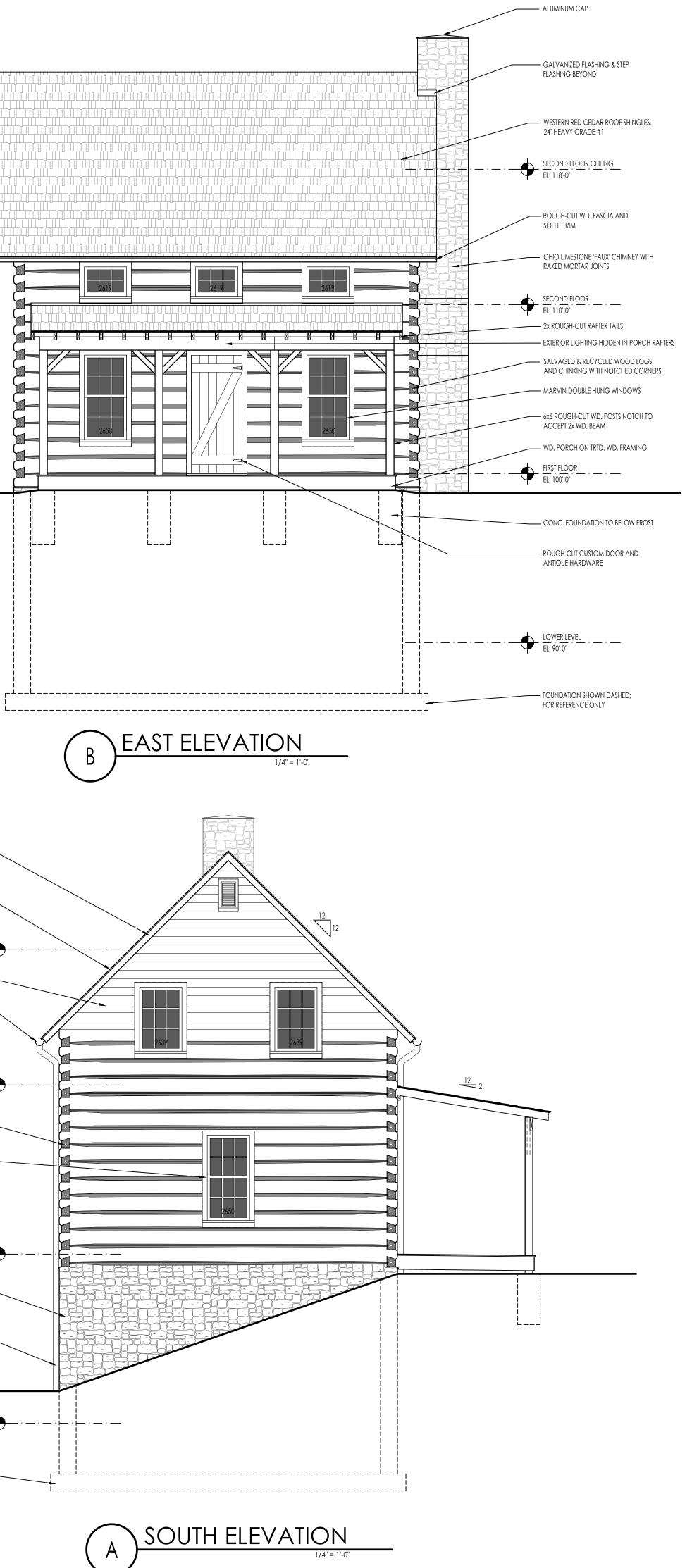
\_\_\_\_\_ · \_\_\_ · \_\_\_\_ FIRST FLOOR EL: 100-0"

4" Ohio Limestone Foundation Walls \_\_\_\_\_ On C.M.U. BACK-UP WITH RAKED MORTAR JOINTS

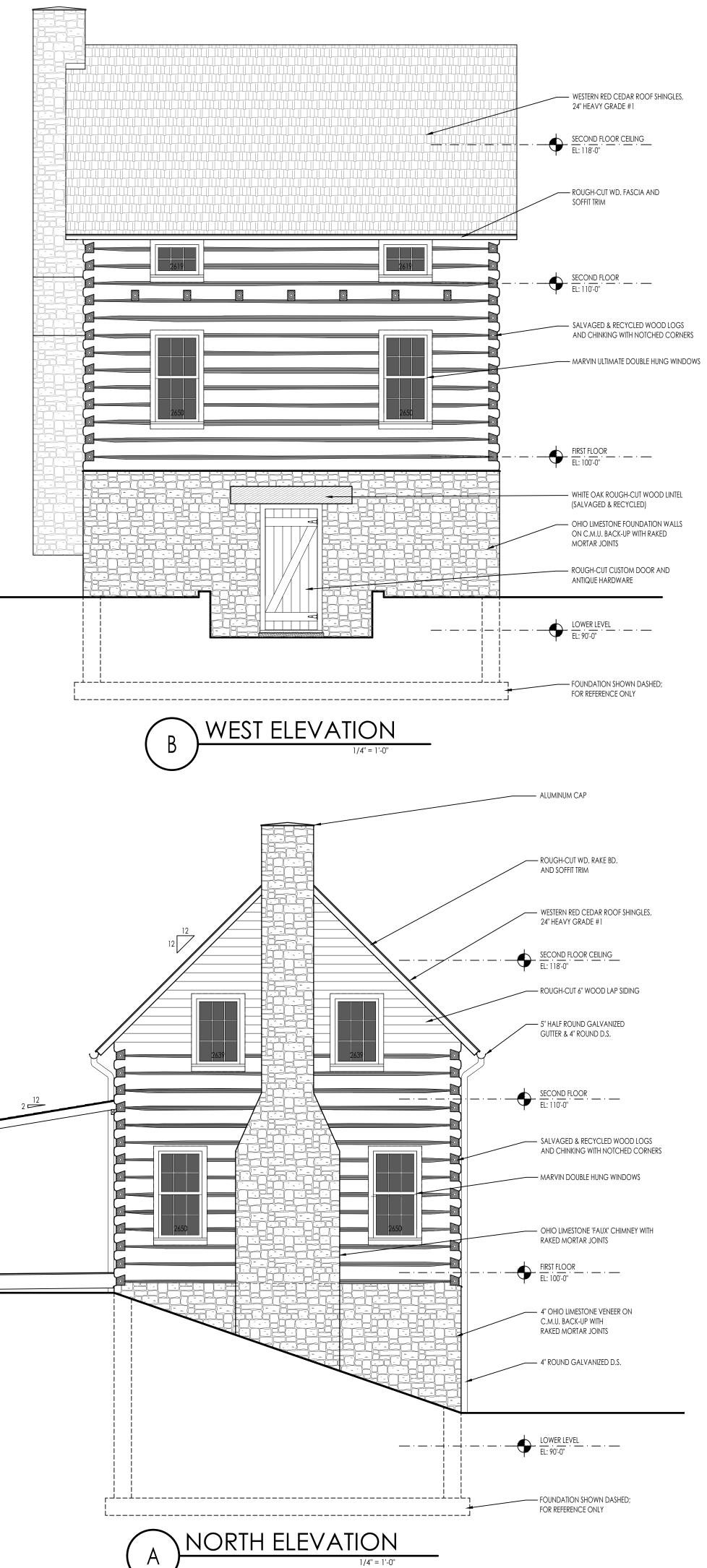
4" ROUND GALVANIZED D.S.

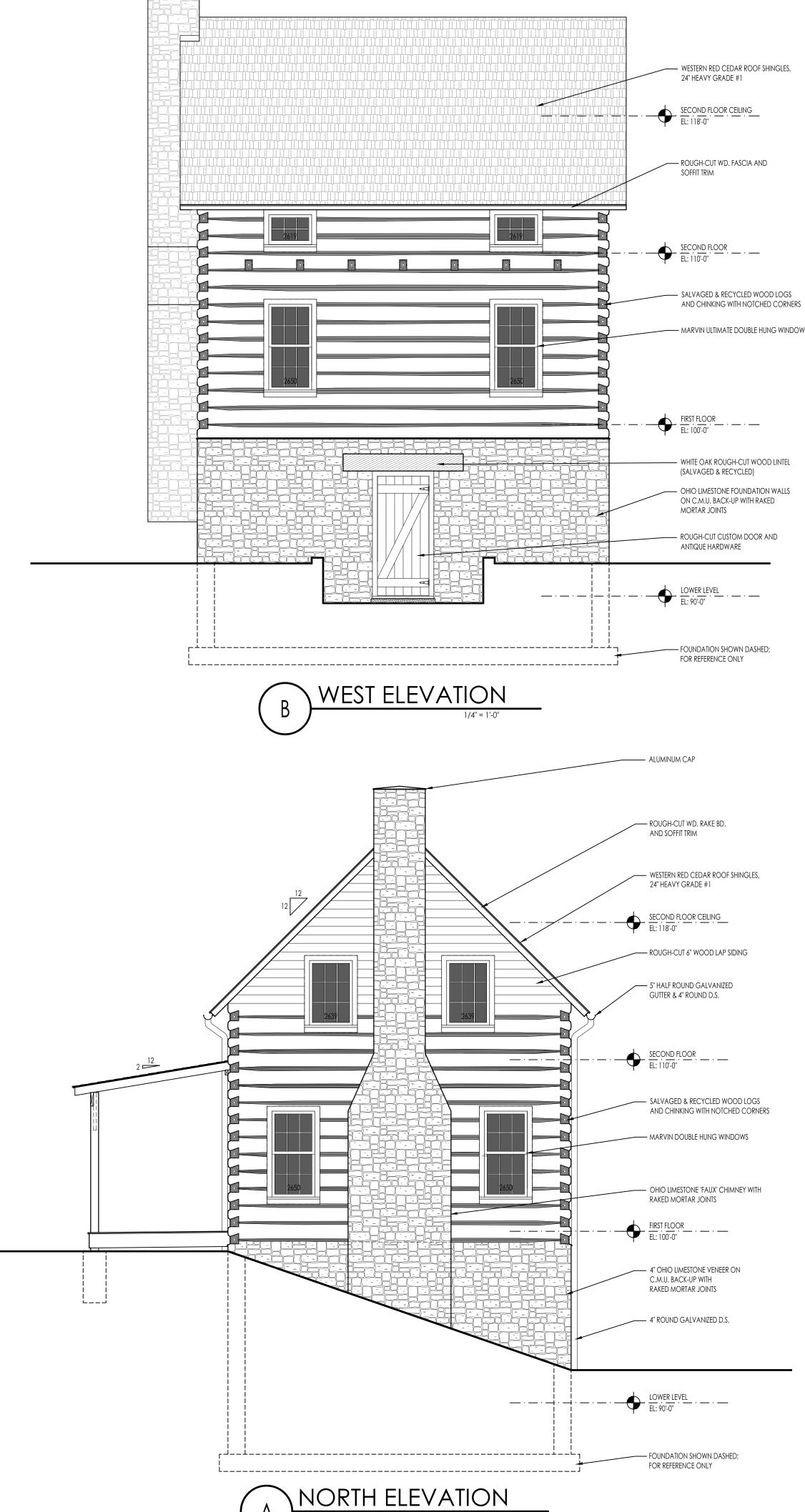
\_\_\_\_\_ · \_\_\_ · \_\_\_ · LOWER LEVEL EL: 90-0"

FOUNDATION SHOWN DASHED; -----FOR REFERENCE ONLY

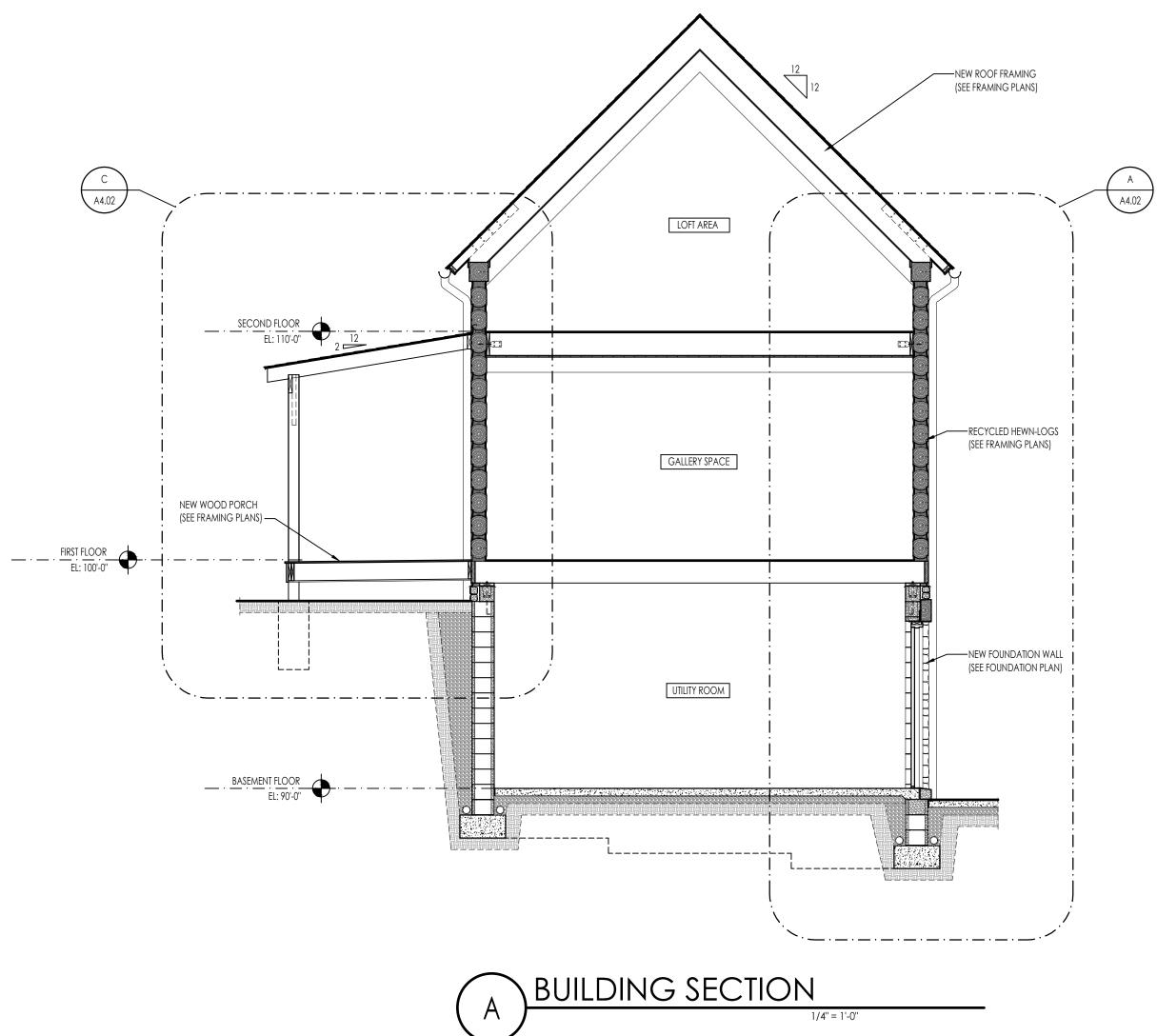


didd architects S2 East Lynn Street - Third Floor Columbus, Ohio 43215 (614) 717-3001 www.dkdarchitects.com
PROJECT: Relocation & Reconstruction to: The City of Dublin <b>Historic Log Cabin</b> 7125 Riverside Drive Dublin, Ohio 43016
Image: Control of the second secon

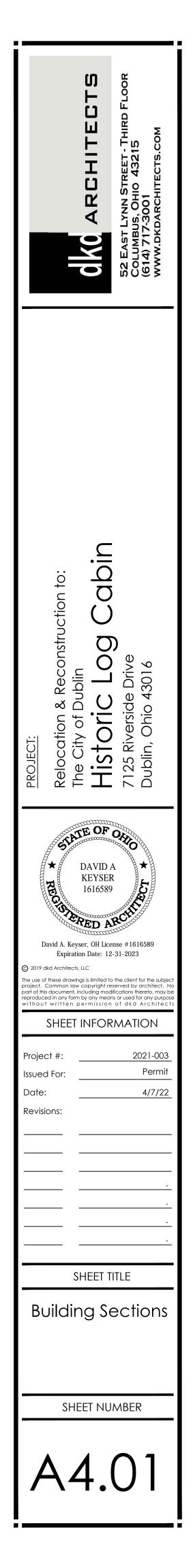


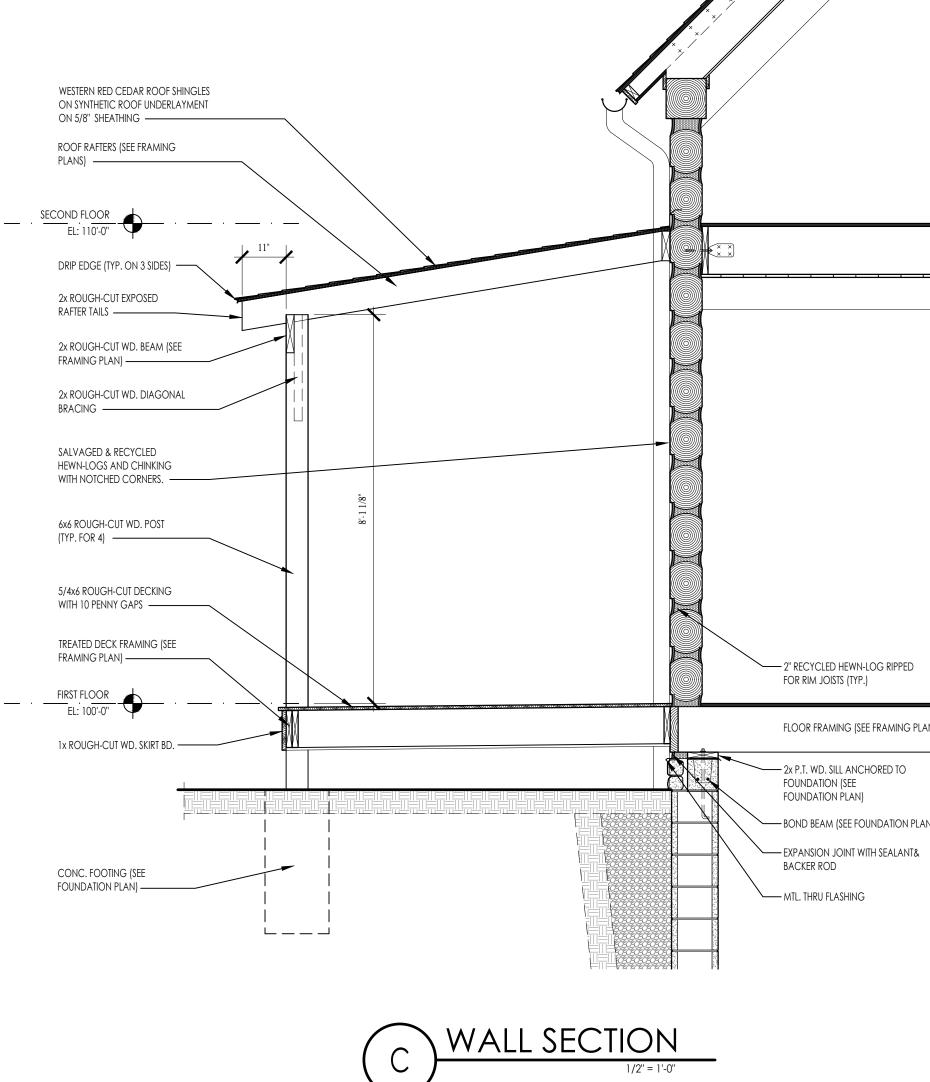


OLVER ARCHITECTS SEAST LYNN STREET - THIRD FLOOR COLUMBUS, OHIO 43215 (614) 717-3001 www.DKDARCHITECTS.COM
PROJECT: Relocation & Reconstruction to: The City of Dublin <b>Historic Log Cabin</b> 7125 Riverside Drive Dublin, Ohio 43016
Bio Dinitional Control       Dinitional Control         Bio Dinitional Control       Dire         Dinte:       4/7/22
Revisions:

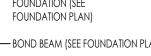


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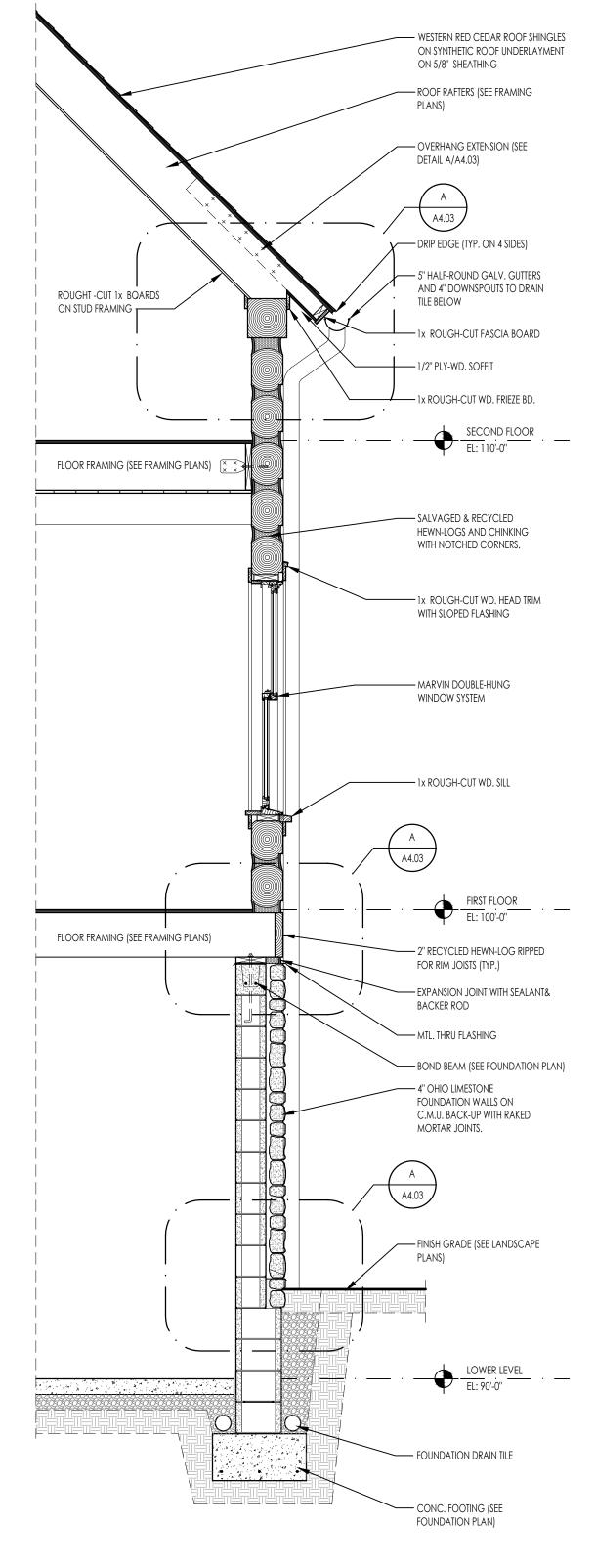
WALL SECTION 1/2" = 1'-0"

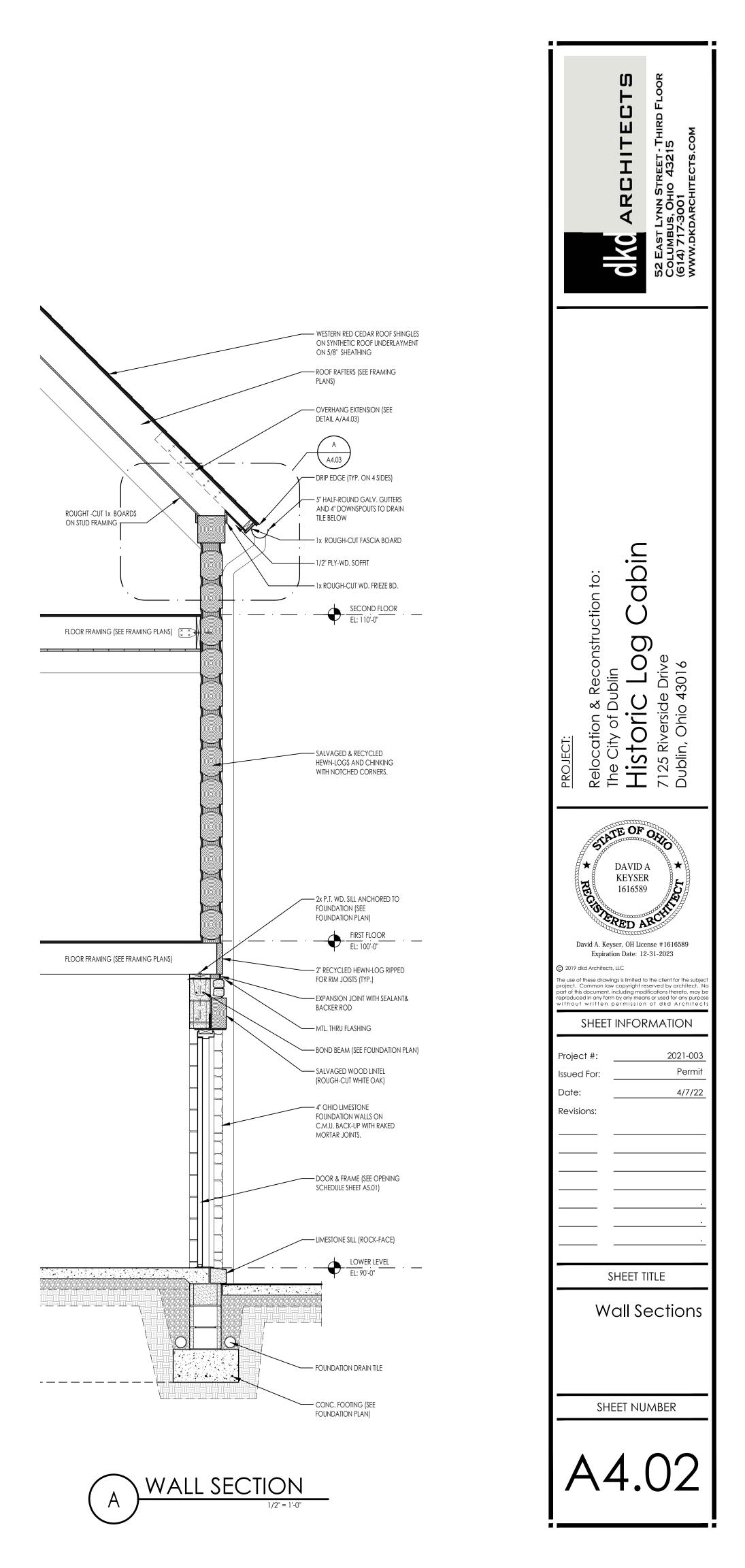


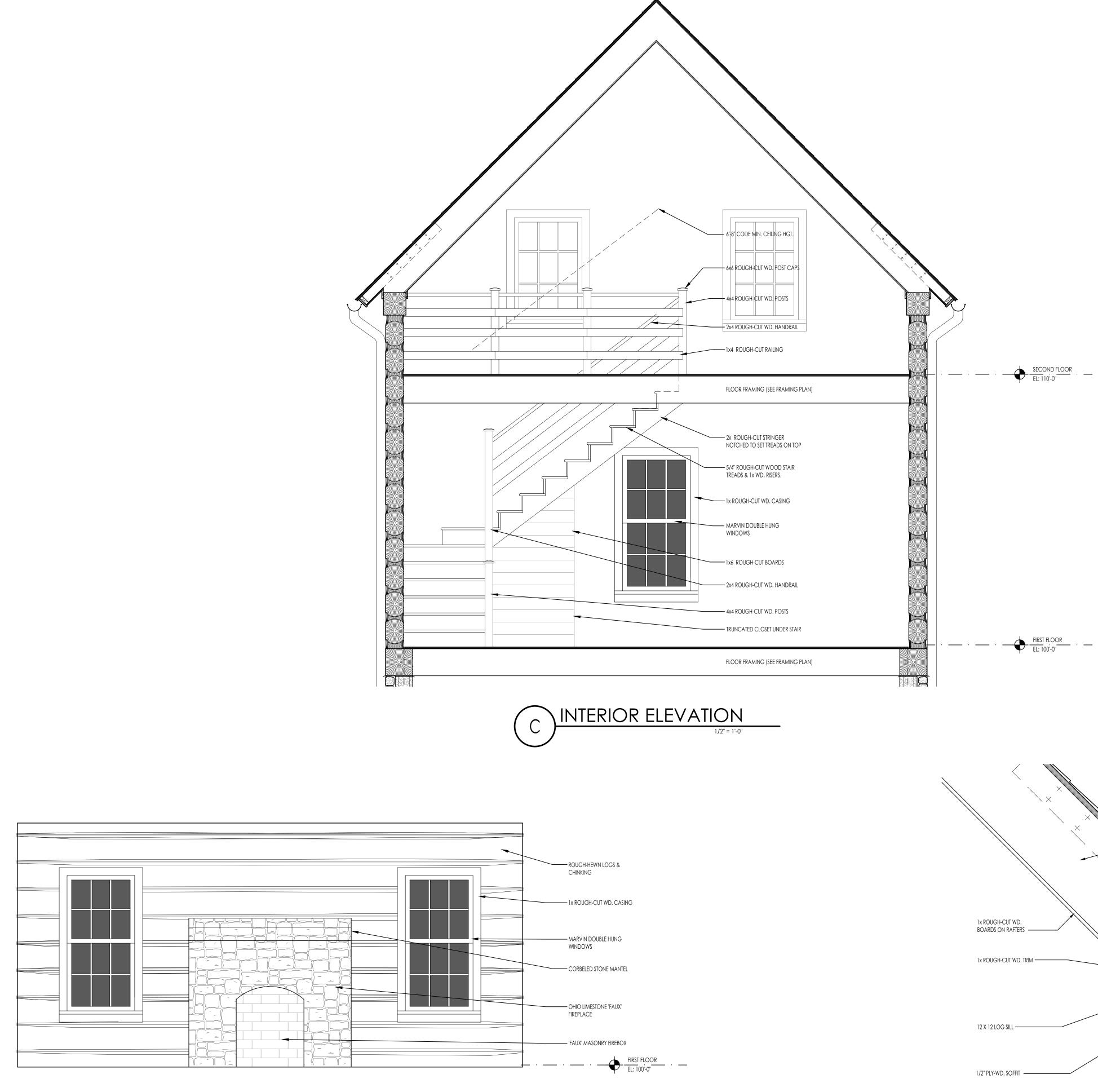
- 2x P.T. WD. SILL ANCHORED TO Foundation (See

FLOOR FRAMING (SEE FRAMING PLANS)

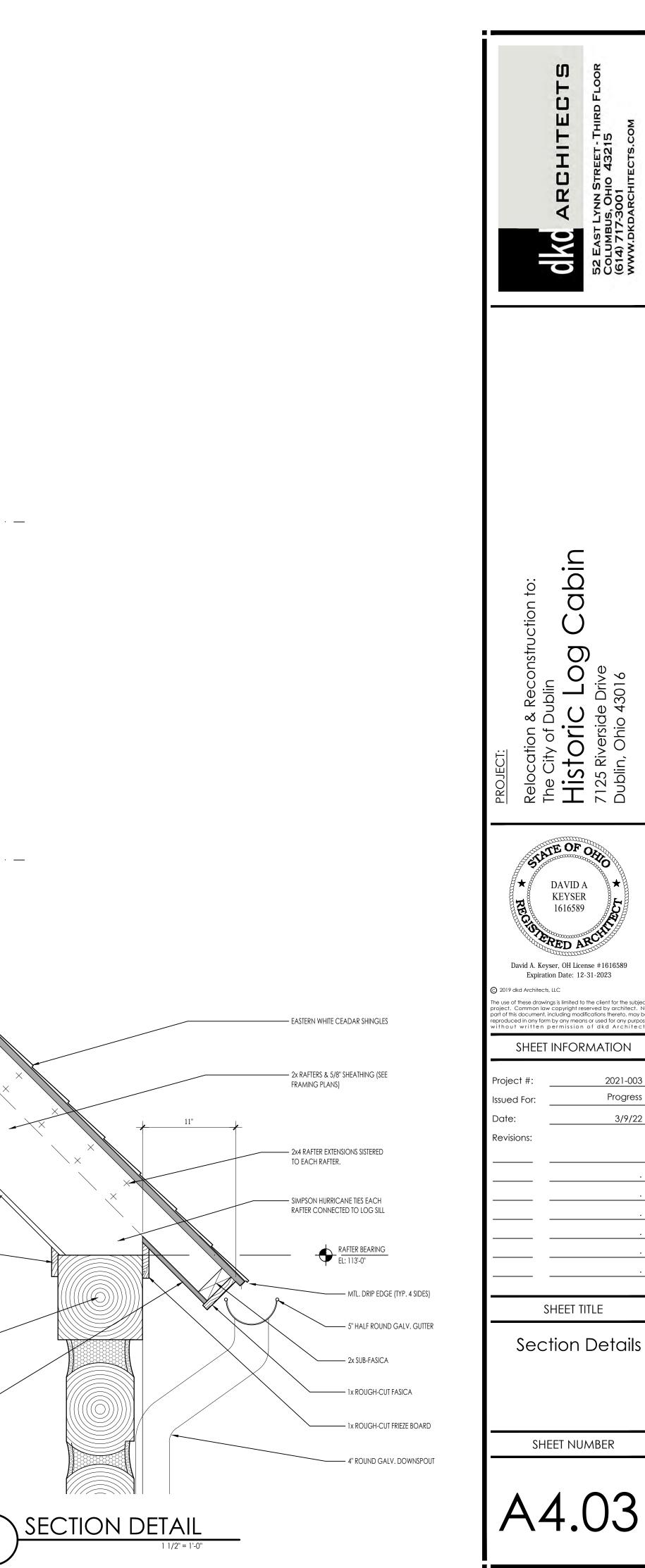
2" RECYCLED HEWN-LOG RIPPED





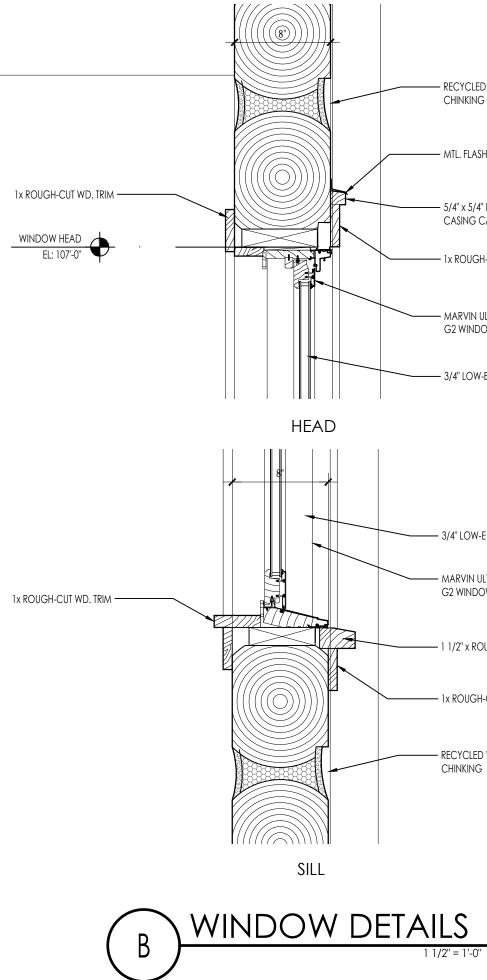


B INTERIOR ELEVATION



А

 $\setminus \times$ 





CHINKING

#### — MTL. FLASHING

#### — 5/4" x 5/4" ROUGH-CUT WD.

CASING CAP

## 

#### — MARVIN ULTIMATE DOUBLE HUNG G2 WINDOW SYSTEM

#### — 3/4" LOW-E GLAZING

#### 

G2 WINDOW SYSTEM

## ------ 1 1/2" x ROUGH-CUT WD. SILL

#### ------- 1x ROUGH-CUT WD. CASING

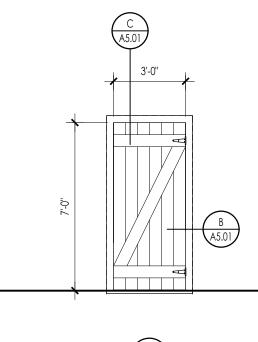
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CHINKING

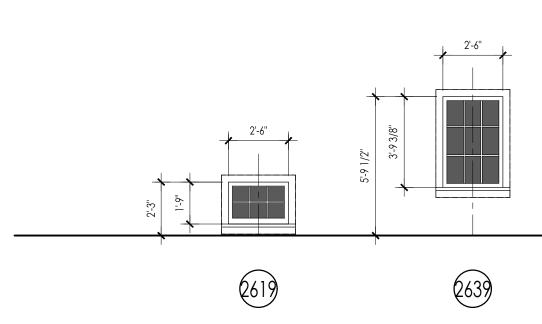
WINDOW SCHEDULE								
MARK	WINDOW DESCRIPTION		MATERIAL	SCREEN	HEAD	GLAZED	VENT	NOTE/REMARKS
MARK	TYPE	SIZE (WxH)	MAILNAL	JUNELIN	HEIGHT	AREA	AREA	NOTE/REMARKS
2650	DOUBLE HUNG	2'-6"x5'-0"	ALUM. CLAD	NO	7'-0''	9.75 SF.	6.25 SF.	-
2639	SINGLE HUNG	2'-6"x3'-9"	ALUM. CLAD	NO	7'-0''	7.05 SF.	0 SF.	-
2619	SINGLE HUNG	2'-6"x1'-9"	ALUM. CLAD	NO	7'-0''	2.70 SF.	0 SF.	-

## GENERAL NOTES:

- 1. THE CONTRACTOR SHALL COMPLY WITH ALL BUILDING CODE REQUIREMENTS OF THE LOCAL GOVERNING AUTHORITY.
- 2. WINDOW SPECS ARE BASED ON MARVIN ULTIMATE ALUMINUM CLAD WOOD WINDOW SYSTEMS (NO EQUALS).
- 3. TEMPERED AND/OR SAFETY GLAZING SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS: 3.1. GLAZING IN ALL DOORS (SWINGING, SLIDING AND BIFOLD).
- THE DOOR IN A CLOSED POSITION. 3.3. GLAZING IN DOORS AND ENCLOSURES FOR SHOWERS, BATHTUBS, WHIRLPOOLS AND HOT TUBS.
- 3.4. ADDITIONAL LOCATIONS AS INDICATED.

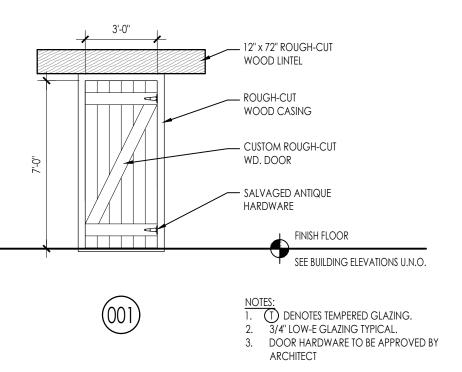


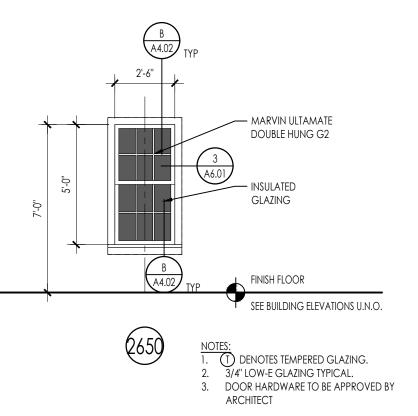
(101)



- 3.2. GLAZING IN A FIXED OR OPERABLE PANEL ADJACENT TO A DOOR TO WHICH THE NEAREST VERTICAL EDGE IS WITHIN A 24" ARC OF

 3.5. GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS WITHIN 36" HORIZONTALLY OF A WALKING SURFACE WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 60" ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE. 3.6. GLAZING ADJACENT TO STAIRWAYS WITHIN 60" HORIZONTALLY OF THE BOTTOM TREAD OF THE STAIRWAY IN ANY DIRECTION WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 60" ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE.





OLOGING       ARCHITECTS         ARCHITECTS       ARCHITECTS         SEAT LYNN STREET - THIRD FLOOR       52 EAST LYNN STREET - THIRD FLOOR         SEAT LYNN STREET - THIRD FLOOR       43215         G(13, 71, 3001)       43215         WWW.DRARCHITECTS.OM       43215
PROJECT: Relocation & Reconstruction to: The City of Dublin The City of Dublin <b>Historic Log Cabin</b> 7125 Riverside Drive Dublin, Ohio 43016
A VID A KEYSER 1616589 David A. Keyser, OH License #1616589 Expiration Date: 12-31-2023 O 2019 dkd Architects, LLC The use of these drawings is limited to the client for the subject project. Common law copyright reserved by architect. New performance of the subject of the subject of this document, including modifications thereto, may be subtout written permission of dkd Architects SHEET INFORMATION Project #: 2021-003 Issued For: Permit Date: 4/7/22 Revisions:
SHEET TITLE Door & Window Schedules

-	NUCTURAL NOTES	
201	17 OHIO BUILDING CODE (REFERENCES IBC 2015 & ASCE-	-7 10)
	SIGN LOADS	
1	<ul> <li>ROOF LOAD.</li> <li>A. MINIMUM COMBINATION OF WIND LOAD, LIVE LOAD RAIN LOAD, OR SNOW LOAD (Pr OR Pm)</li> <li>B. SHINGLES (2 LAYERS)</li> <li>C. ROOF SHEATHING</li> <li>D. FRAMING LOAD</li> <li>E. SPRINKLERS</li> <li>F. DUCTS, LIGHTS, MISC. MECHANICAL TOTAL LOAD ON TRUSSES</li> </ul>	20 PSF* 6 PSF 3 PSF 3 PSF 3 PSF <u>3 PSF</u> 38 PSF MIN
	*FLAT ROOF SNOW LOAD, $P_F = 16.8 PSF$ GROUND SNOW, $P_g = 20 PSF$ SNOW LOAD IMPORTANCE FACTOR, $i_S = 1.0$ SNOW EXPOSURE FACTOR, $C_e = 1.0$ SNOW LOAD THERMAL FACTOR, $C_I = 1.2$ MINIMUM SNOW LOAD, $P_m = 20 PSF$	
2.	FLOOR LOAD. A. FLOOR FINISH ALLOWANCE B. FLOOR SHEATHING C. JOIST FRAMING D. SPRINKLERS E. DUCTS, LIGHTS, MISC. MECHANICAL TOTAL LOAD ON FLOOR FRAMING	3 PSF 3 PSF 3 PSF 3 PSF 3 PSF 15 PSF
	F. GROUND FLOOR LIVE LOAD G. LOFT FLOOR LIVE LOAD H. STAIR LIVE LOAD	100 PSF 50 PSF*** 100 PSF
	*** LIVE LOAD REDUCTIONS USED WHERE APPLICABLE	
3,	WIND LOAD (PER ASCE 7):	
	<ul> <li>A. BASIC DESIGN WIND SPEED, V= 115 MPH</li> <li>B. ALLOWABLE STRESS DESIGN WIND SPEED, VASD = 10</li> <li>C. RISK CATEGORY = II</li> <li>D. WIND EXPOSURE = B (ALL WIND DIRECTIONS)</li> <li>E. INTERNAL PRESSURE COEFFICIENT, GCpi = +0.18, -</li> <li>F. DESIGN PRESSURES FOR EXTERIOR COMPONENT DESIGNED BY THE ENGINEER OF RECORD: SPECIAL LOADS UNDER GOVERNING BUILDING CODE, AND FABOVE.</li> </ul>	0.18 AND CLADDING ITEMS NOT SPECIFICALLY ALTY ENGINEER SHALL DETERMINE WIND
4.	<ul> <li>SEISMIC LOAD</li> <li>A. SEISMIC RISK CATEGORY</li> <li>B. SEISMIC IMPORTANCE FACTOR, I#</li> <li>C. MAPPED SPECTRAL RESPONSE ACCELERATION FACTOR AT SHORT PERIOD, Ss</li> <li>D. MAPPED SPECTRAL RESPONSE ACCELERATION FACTOR AT 1 SECOND PERIOD, S1</li> <li>E. SITE CLASS</li> <li>F. DESIGN SPECTRAL RESPONSE ACCELERATION FACTOR AT SHORT PERIODS, SDS</li> <li>G. DESIGN SPECTRAL RESPONSE ACCELERATION FACTOR AT SHORT PERIODS, SDS</li> <li>G. DESIGN SPECTRAL RESPONSE ACCELERATION FACTOR AT 1 SECOND PERIOD, SD1</li> <li>H. SEISMIC DESIGN CATEGORY</li> <li>I. BASIC SEISMIC FORCE RESISTING SYSTEM</li> <li>J. RESPONSE MODIFICATION COEFFICIENT, R</li> <li>K. SEISMIC RESPONSE COEFFICIENT, CS</li> <li>L. DESIGN BASE SHEAR</li> <li>M. ANALYSIS PROCEDURE USED</li> </ul>	=    = 1.0 = 0.123 = 0.062 = D = 0.132 = 0.099 = B = [??] = [??] = [??] = [??] = [??] = [??] = [ELFP]
5.	CONCENTRATED LOADS: 1000 POUNDS OVER 2.5 FEET	SQUARE
6.	SPECIAL LOADS:	
	<ul> <li>A. HANDRAILS AND GUARDRAILS:</li> <li>i. TOP RAIL: 200 POUND CONCENTRATED LOAD UNIFORM LOAD APPLIED IN ANY DIRECTION.</li> <li>ii. INTERMEDIATE RAILS, BALUSTERS, AND PANE LOAD OF 50 POUNDS ON AN AREA NOT TO EXC AND SPACE BETWEEN RAILS.</li> </ul>	L FILLERS: HORIZONTALLY APPLIED NORM
co	INSTRUCTION AND SAFETY	
1.	CONTRACTOR SHALL BRACE ENTIRE STRUCTURE AS R COMPLETE AND FUNCTIONING AS THE DESIGNED UNIT	
2.	ENGINEER SHALL NOT BE RESPONSIBLE FOR THE MEA PROCEDURES OF CONSTRUCTION SELECTED BY CONT	
3.	THE CONTRACTOR WILL BE SOLELY AND COMPLETELY SITE INCLUDING SAFETY OF ALL PERSONS AND PROPE THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND HOURS. WHEN ON SITE, THE ENGINEER IS RESPONSIB RESPONSIBILITY FOR THE SAFETY OF OTHER PERSON	RESPONSIBLE FOR CONDITIONS OF THE JO RTY DURING PERFORMANCE OF THE WORK IS NOT LIMITED TO NORMAL WORKING DLE FOR HIS/HER OWN SAFETY BUT HAS NO
	THE LATERAL LOAD RESISTING SYSTEM CONSISTS OF	
	A. WOOD SHEATHING DIAPHRAGM THROUGHOUT	The recenting Elemention
	B. WOOD SHEAR WALLS	
FOI	UNDATIONS	
1.	PER CLIENT'S REQUEST, THE FOUNDATION DESIGN AN ON THE ASSUMPTION OF FAVORABLE SOIL CONDITION GEOTECHNICAL ENGINEER TO VERIFY DESIGN ASSUME INSTALLATION. THE COST FOR THE GEOTECHNICAL EN ITEM ON THE CONTRACTOR'S BID. THE CONTRACTOR GEOTECHNICAL ENGINEER'S REPORT TO SCHAEFER. 1 IN 12) UNDISTURBED SOIL OR APPROVED ENGINEERE FOR A MAXIMUM SOIL BEARING PRESSURE OF 2000 PS	S. THE CONTRACTOR SHALL RETAIN A PTIONS PRIOR TO FOUNDATION NGINEER SHALL BE LISTED AS A SEPARATE SHALL SUBMIT COPIES OF THE ALL FOOTINGS SHALL BEAR ON LEVEL (WIT ED FILL, FOUNDATIONS HAVE BEEN DESIGN
	BELOW ISOLATED COLUMN FOOTINGS.	
2.	BELOW ISOLATED COLUMN FOOTINGS. ALL AREAS WITHIN THE FOOTPRINT OF THE BUILDING, FREE OF ANY WET AND/OR SOFT AREAS PRIOR TO PLA	
2.	ALL AREAS WITHIN THE FOOTPRINT OF THE BUILDING,	CEMENT OF FILL MATERIAL OR SLAB.

CONTROLLED LOW STRENGTH MATERIAL (CLSM): SELF LEVELING AND SELF COMPACTING CEMENTITIOUS MATERIAL WITH AN UNCONFINED COMPRESSIVE STRENGTH BETWEEN 50 PSI AND 150 PSI.

- B. WELL GRADED GRANULAR MATERIAL: ODOT 304.
- C. FREE DRAINING GRANULAR FILL: AASHTO NO 57 CRUSHED AGGREGATE.

FOUNDATION ELEVATIONS SHOWN ARE FOR BIDDING PURPOSES AND MAY VARY TO SUIT SUB-SURFACE SOIL CONDITION. ELEVATION AND BEARING STRATA SHALL BE APPROVED BY A

GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE. PROVIDE ENGINEERED FILL OR CLSM UNDER FOUNDATIONS AT SOFT SPOTS AND FOR EXTENDING EXCAVATION TO ADEQUATE BEARING MATERIAL INSTALL FOUNDATIONS AT DESIGNED ELEVATIONS

- FOOTING OR PLACE ON CLSM AS REQUIRED.
- APPROXIMATELY VERTICAL
- TAMPERS ONLY.
- DISTRIBUTION.
- 9. BACKFILL AGAINST WALLS:
- B. EXTERIOR FACE OF BASEMENT WALLS OR RETAINED SIDE OF CANTILEVERED RETAINING WALLS
  - DAYLIGHT.
- MAXIMUM DRY DENSITY WITHIN +/- 3% OPTIMUM MOISTURE CONTENT.
- 11. FILL BELOW FLOOR SLABS:
  - PLACEMENT OF BASE COURSE.
- CONTENT.
- CLSM TO THE BOTTOM OF FOOTING ELEVATION.
- ENGINEER
- FOOTING ELEVATION.
- PREVENT ENTRY OF WATER.
- 15. FINISHED GRADE SHALL SLOPE AWAY FROM THE PERIMETER FOUNDATION
- 16. EXCAVATIONS:
  - FROM THE NEAREST BOTTOM CORNER OF THE EXISTING FOUNDATION.

### CAST-IN-PLACE CONCRETE (03-30-00)

- NOTED
- A. CLASS A: FOOTINGS AND GRADE BEAMS (NORMAL WEIGHT). EXPOSURE CLASS: F0, S0, W0, C0. MINIMUM 28 DAY COMPRESSIVE STRENGTH: 3000 PSI
- iii. MAXIMUM WATER / CEMENTITIOUS MATERIALS RATIO: 0.50
- 2. CONCRETE MATERIALS:
- A. CEMENTITIOUS MATERIALS
- CEMENTITIOUS CONTENT BY MASS. iii GROUND GRANULATED BLAST FURNACE SLAG: ASTM C989, GRADE 100 OR 120. CONTENT BY MASS.
- B. AGGREGATES: LIGHTWEIGHT AGGREGATES: ASTM C330.
- CONCRETE OR CONCRETE CONTAINING METALS. WATER REDUCING ADMIXTURE: ASTM C494. PLASTICIZING ADMIXTURE: ASTM C1017. III. AIR ENTRAINING ADMIXTURE: ASTM C260.
- D. WATER: ASTM C94 AND POTABLE
- 3. DETAILING REQUIREMENTS
  - OF 1.5:1. SEE PLAN FOR MAXIMUM JOINT SPACING.
  - LOCATION. SEE DRAWINGS FOR TYPICAL DETAILS.

6. FROST DEPTH IS 32 INCHES BELOW GRADE, BOTTOM OF FOOTINGS, MAT FOUNDATIONS AND GRADE BEAMS THAT ARE NOT PART OF AN INSULATED FROST PROTECTED FOUNDATION SYSTEM AND ARE NOT WITHIN CONDITIONED SPACE MUST BE BELOW SPECIFIED MINIMUM FROST DEPTH AS MEASURED FROM EXTERIOR GRADE. MAINTAIN SPECIFIED T/FDN ELEVATIONS AND THICKEN

7 FOUNDATIONS MAY BE PLACED WITHOUT SIDE FORMS IF EXCAVATED WALLS STAND

LATERAL SOIL PRESSURES: LATERAL EARTH PRESSURES INDICATED BELOW DO NOT INCLUDE HYDROSTATIC OR COMPACTION PRESSURES DURING BACKFILL OPERATIONS. WALLS SHALL HAVE ADEQUATE DRAINAGE TO PREVENT HYDROSTATIC PRESSURES. COMPACT USING HAND-OPERATED

A. BASEMENT WALLS (AT-REST PRESSURE): 60 PCF EQUIVALENT FLUID PRESSURE, TRIANGULAR

A. INTERIOR FACE OF BASEMENT WALLS OR SHALLOW FOUNDATIONS WALLS: WELL GRADED GRANULAR MATERIAL (COMPACTED IN 6" LIFTS TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY AND WITHIN +/- 2% OPTIMUM MOISTURE CONTENT); AT THE BOTTOM OF THE GRANULAR BACKFILL PLACE A 4" DIAMETER PERFORATED FOUNDATION DRAIN PIPE. PROVIDE A POSITIVE SLOPE TO DAYLIGHT OR TO SUMP

 MINIMUM 3 FT WIDE ZONE OF FREE DRAINING GRANULAR FILL (COMPACTED TO 95%) STANDARD PROCTOR MAXIMUM DRY DENSITY AND WITHIN +/- 2% OPTIMUM MOISTURE CONTENT) UP TO WITHIN 24 INCHES OF THE FINISHED GRADE. TOP 24" OF BACKFILL SHALL BE WELL GRADED GRANULAR MATERIAL. AT THE BOTTOM OF THE GRANULAR MATERIAL. PLACE A 4" DIAMETER PERFORATED FOUNDATION DRAIN PIPE WITH POSITIVE DRAINAGE TO

10. ENGINEERED FILL BENEATH FOOTINGS: MINIMUM COMPACTION 98% STANDARD PROCTOR

A. SUBGRADE: PROOF ROLL TOP 8" OF SUBGRADE BELOW INTERIOR SLAB TO 98% STANDARD PROCTOR MAXIMUM DRY DENSITY WITHIN +/- [3%] OPTIMUM MOISTURE CONTENT PRIOR TO

BASE COURSE: 4" OF WELL GRADED GRANULAR MATERIAL BELOW FLOOR SLAB COMPACTED TO [95%] STANDARD PROCTOR MAXIMUM DRY DENSITY WITHIN +/- [2%] OPTIMUM MOISTURE

12. FILL AT UTILITY TRENCHES BELOW FOOTINGS, EXCAVATED PRIOR TO FOOTING CONSTRUCTION. A. BACKFILL TRENCHES UNDER FOOTINGS AND WITHIN 18 INCHES OF BOTTOM OF FOOTINGS WITH

B BACKFILL TRENCHES EXCAVATED UNDER FOOTINGS AND MORE THAN 18 INCHES BELOW BOTTOM OF FOOTINGS WITH CLSM OR OTHER FILL MATERIAL APPROVED BY GEOTECHNICAL

13. FILL AT UTILITY TRENCHES BELOW FOOTINGS, EXCAVATED AFTER FOOTING CONSTRUCTION.

A. BACKFILL TRENCHES EXCAVATED UNDER EXISTING FOOTINGS WITH CLSM TO THE BOTTOM OF

14. SEAL UTILITY TRENCH AT THE EXTERIOR FOUNDATION WALL BY USING CLSM TO CREATE A DAM TO

A. EXCAVATIONS IN THE VICINITY OF EXISTING FOUNDATIONS SHALL BE PERMITTED WITHOUT ANY SPECIAL MEASURES AS LONG AS THE BOTTOM NEAR EDGE OF THE EXCAVATION IS ABOVE A LINE WITH SLOPE OF 2 HORIZONTAL TO 1 VERTICAL EXTENDING OUTWARD AND DOWNWARD

EXCAVATIONS IN THE VICINITY OF EXISTING FOUNDATIONS WITH THE BOTTOM NEAR EDGE OF THE EXCAVATION BELOW A LINE WITH SLOPE OF 2 HORIZONTAL TO 1 VERTICAL EXTENDING OUTWARD AND DOWNWARD FROM THE NEAREST BOTTOM CORNER OF THE EXISTING FOUNDATION SHALL BE MADE ONLY WITH THE APPROVAL OF THE STRUCTURAL ENGINEER AND THE PROJECT GEOTECHNICAL ENGINEER. SUCH EXCAVATIONS MAY REQUIRE SPECIAL TEMPORARY EXCAVATION BRACING OR UNDERPINNING OF EXISTING FOUNDATIONS, WHICH IS THE RESPONSIBILITY OF THE CONTRACTOR AS PART OF ITS SELECTED MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES. CONTRACTOR SHALL SUBMIT TEMPORARY EXCAVATION BRACING AND UNDERPINNING DETAILS PRIOR TO EXCAVATION. CONTRACTOR SHALL PERFORM THESE EXCAVATIONS WITH CAUTION SO AS NOT TO UNDERMINE ANY EXISTING STRUCTURE FOUNDATIONS, AND EXCAVATIONS SHALL BE MADE IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.

17. UTILITY TRENCHES PARALLEL TO FOOTINGS AND WITH PIPES BELOW THE BOTTOM OF FOOTING ELEVATION MUST BE LOCATED SO THAT THE SLOPE BETWEEN THE PIPE INVERT ELEVATION AND THE NEAREST BOTTOM CORNER OF THE FOOTING IS A MINIMUM OF 2 HORIZONTAL TO 1 VERTICAL

CONCRETE MIXTURES: PROVIDE MIX DESIGNS IN ACCORDANCE WITH ACI 301-16 FOR SPECIFIED EXPOSURE CLASS AND AGGREGATES. NOMINAL MAX AGGREGATE SIZE = 3/4" UNLESS OTHERWISE

BLENDED HYDRAULIC CEMENT: ASTM C595, TYPE IL, PORTLAND LIMESTONE CEMENT II. FLY ASH: ASTM C618, CLASS F OR C. FLY ASH SHALL NOT EXCEED 25% OF TOTAL

COMBINATION SLAG AND FLY ASH SHALL NOT EXCEED 50% OF TOTAL CEMENTITIOUS

NORMAL WEIGHT AGGREGATES: ASTM C33, COARSE GRADED,

C. ADMIXTURES: ADMIXTURES CONTAINING CHLORIDE ARE NOT PERMITTED IN REINFORCED

A. CONTRACTION JOINTS IN SLABS ON GROUND SHALL NOT EXCEED A LENGTH TO WIDTH RATIO

B. CONSTRUCTION JOINTS IN SLABS ON GROUND MAY BE LOCATED AT ANY CONTRACTION JOINT

- C. PROVIDE 3/4" CHAMFER AT CORNERS OF EXPOSED CONCRETE.
- D. WHERE BRITTLE FLOOR FINISHES ARE TO BE APPLIED TO FLOOR SLABS, COORDINATE CONTRACTION JOINT LOCATIONS WITH FLOOR FINISH JOINT LOCATIONS AND ARCHITECT.
- E. CONDUITS AND PIPES OF ALUMINUM SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE UNLESS EFFECTIVELY COATED TO PREVENT ALUMINUM-CONCRETE REACTION OR ELECTROLYTIC ACTION BETWEEN ALUMINUM AND STEEL.
- SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR VAPOR BARRIER REQUIREMENTS. VAPOR BARRIER, WHERE REQUIRED, SHALL BE PLACED OVER GRANULAR BASE.
- CONCRETE PLACEMENT
- A. DO NOT BACKFILL AGAINST BASEMENT FOUNDATION WALLS UNTIL ADJACENT FLOOR STRUCTURE IS IN PLACE TO BRACE THE TOP OF THE WALL.
- B. DO NOT BACKFILL AGAINST RETAINING WALLS UNTIL CONCRETE STRENGTH HAS REACHED 0.75 2. fc AND A MINIMUM OF 7 DAYS.
- C. THE ELEVATED CONCRETE SLAB ON METAL DECK SHALL BE PLACED IN A MANNER TO ACHIEVE A UNIFORM SLAB THICKNESS. THE STEEL FLOOR FRAMING HAS NOT BEEN DESIGNED TO SUPPORT THE WEIGHT OF ANY ADDITIONAL CONCRETE DUE TO JOIST AND GIRDER DEFLECTION.
- 5. PERFORMANCE
- A. CONCRETE WORK IN COLD WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 306.1-90 "STANDARD SPECIFICATION FOR COLD WEATHER CONCRETING" AND ACI 306R-16 "GUIDE TO COLD WEATHER CONCRETING".
- CONCRETE WORK IN HOT WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 305.1-14 "SPECIFICATION FOR HOT WEATHER CONCRETING" AND ACI 305R-10 "GUIDE TO HOT WEATHER CONCRETING". THE AIR TEMPERATURE, RELATIVE HUMIDITY, CONCRETE TEMPERATURE, AND WIND SPEED SHALL BE ENTERED INTO NOMOGRAPH FIGURE 4.2 IN ACI 305R-10 TO DETERMINE IF PRECAUTIONS AGAINST PLASTIC SHRINKAGE ARE REQUIRED.
- C. TOLERANCES: CONFORM TO ACI 117-10
- D. IF CONCRETE ARRIVES AT THE POINT OF DELIVERY WITH A SLUMP BELOW THAT WHICH WILL RESULT IN THE SPECIFIED SLUMP AT THE POINT OF PLACEMENT AND IS UNSUITABLE FOR PLACING AT THAT SLUMP, THE SLUMP MAY BE ADJUSTED ONCE ONLY TO THE REQUIRED VALUE BY ADDING WATER UP TO THE AMOUNT ALLOWED IN THE ACCEPTED MIXTURE PROPORTIONS. ADDITION OF WATER SHALL BE IN ACCORDANCE WITH ASTM C94. DO NOT EXCEED THE SPECIFIED WATER-CEMENTITIOUS MATERIAL RATIO OR SLUMP IN THE APPROVED MIX DESIGN. DO NOT ADD WATER TO CONCRETE DELIVERED IN EQUIPMENT NOT ACCEPTABLE FOR MIXING. AFTER PLASTICIZING OR WATER REDUCING ADMIXTURES ARE ADDED TO THE CONCRETE AT THE SITE TO ACHIEVE FLOWABLE CONCRETE, DO NOT ADD WATER TO THE CONCRETE. MEASURE SLUMP (AND AIR CONTENT OF AIR ENTRAINED CONCRETE), AFTER SLUMP ADJUSTMENT, TO VERIFY COMPLIANCE WITH SPECIFIED REQUIREMENTS.
- E. SLUMP SHALL BE MEASURED PRIOR TO THE ADDITION OF ADMIXTURES AND AFTER THE ADDITION OF ADMIXTURES.
- F. INTERIOR SLAB FINISHING AND CURING
- FINISH: MACHINE TROWEL FINISH FLOOR SLAB UNLESS NOTED OTHERWISE. CURING: "CURE AND SEAL" LIQUID MEMBRANE FORMING CURING COMPOUND (ASTM C1315, TYPE 1, CLASS A, VOC COMPLIANT).
- G. FLOOR SLAB-ON-GRADE SHALL CONFORM TO THE FOLLOWING SURFACE PROFILE TOLERANCES PER ASTM E-1155 AND ACI 117-10 (Ff = FLOOR FLATNESS, FI = FLOOR LEVELNESS): SPECIFIED OVERALL VALUE Ff = 25, Fl = 20
- MINIMUM LOCAL VALUE Ff = 17, Fl = 15
- 6. SUBMITTALS:
- A. CONSTRUCTION JOINT LAYOUT
- B. CONCRETE MIX DESIGNS: CONCRETE MIX DESIGNS INCLUDING PRODUCT DATA FOR ALL CONSTITUENTS AND ADMIXTURES SHALL BE SUBMITTED FOR EACH TYPE OF CONCRETE TO THE STRUCTURAL ENGINEER FOR APPROVAL IN ACCORDANCE WITH ACI 301-16 FIELD TEST DATA OR TRIAL MIXTURES. SUBMITTAL DATA MUST INCLUDE FIELD TEST DATA FROM AT LEAST 10 TESTS OR A THREE POINT CURVE GENERATED USING TRIAL MIXTURES.

C. PRODUCT DATA FOR CURING MATERIALS

- 7. QUALITY ASSURANCE
- A. CONCRETE WORK AND TESTING, AS PERFORMED BY "QUALIFIED FIELD TESTING TECHNICIANS" AND "QUALIFIED LABORATORY TECHNICIANS", SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301-16, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", EXCEPT AS MODIFIED BY THE SUPPLEMENTAL REQUIREMENTS ABOVE. REPORTS FROM TESTS REQUIRED BY SECTION 1.6 OF ACI 301-16 SHALL BE SUBMITTED TO STRUCTURAL ENGINEER, ARCHITECT, OWNER, CONTRACTOR, CONCRETE SUPPLIER, AND BUILDING OFFICIAL.

#### CONCRETE REINFORCING (03-20-00)

- 1. MATERIALS
- A. DEFORMED BARS: ASTM A615, GRADE 60.
- B. WELDED WIRE REINFORCEMENT: ASTM A1064, FLAT SHEETS ONLY.
- REINFORCING DEVELOPMENT AND LAP SPLICES (UNLESS OTHERWISE NOTED)
- A. WELDED WIRE REINFORCEMENT: LAP WELDED WIRE REINFORCEMENT MINIMUM 1 FULL SPACE PLUS 2".
- B DEFORMED BAR DEVELOPMENT LENGTHS (Ld): HORIZONTAL BARS #6 AND SMALLER WITH MORE THAN 12" OF CONCRETE BELOW – 57 BAR
- DIAMETERS ii. HORIZONTAL BARS #6 AND SMALLER WITH LESS THAN 12" OF CONCRETE BELOW - 44 BAR
- DIAMETERS iii HORIZONTAL BARS #7 AND LARGER WITH MORE THAN 12" OF CONCRETE BELOW – 72 BAR
- DIAMETERS iv. HORIZONTAL BARS #7 AND LARGER WITH LESS THAN 12" OF CONCRETE BELOW AND ALL
- OTHER BARS 55 BAR DIAMETERS
- C. DEFORMED BAR HOOKED DEVELOPMENT LENGTHS (Ldh): 22 BAR DIAMETERS
- D. DEFORMED BAR LAP SPLICE LENGTHS (Ls): HORIZONTAL BARS #6 AND SMALLER WITH MORE THAN 12" OF CONCRETE BELOW - 74 BAR
- DIAMETERS
- ii. HORIZONTAL BARS #6 AND SMALLER WITH LESS THAN 12" OF CONCRETE BELOW 57 BAR DIAMETERS
- iii. HORIZONTAL BARS #7 AND LARGER WITH MORE THAN 12" OF CONCRETE BELOW 93 BAR DIAMETERS
- iv. HORIZONTAL BARS #7 AND LARGER WITH LESS THAN 12" OF CONCRETE BELOW AND ALL OTHER BARS - 72 BAR DIAMETERS
- SEE REINFORCING BAR DEVELOPMENT TABLES FOR REQUIRED DEVELOPMENT AND LAP SPLICE LENGTHS.
- 3. DETAILING REQUIREMENTS
- A. AT SLAB AND WALL OPENING CORNERS AND REENTRANT CORNERS, PROVIDE (1) #5 BAR IN EACH FACE PARALLEL TO EACH EDGE EXTENDING A MINIMUM OF 2'-0" PAST EDGE OF OPENING. THIS STEEL MAY BE OMITTED IF TYPICAL WALL STEEL EXCEEDS THIS MINIMUM REQUIREMENT
- B. REINFORCE ALL INTERIOR SLABS ON GROUND WITH 6 X 6 W2.9 X W2.9 (42#) WELDED WIRE REINFORCEMENT. LOCATE WELDED WIRE REINFORCEMENT 2" CLEAR BELOW TOP OF SLAB.
- PERFORMANCE

- A. COMPLY WITH CRSI'S "MANUAL OF STANDARD PRACTICE" FOR PLACING AND SUPPORTING REINFORCEMENT
- B REINFORCING BARS SHALL HAVE CLEAR COVER AS INDICATED ON THE DRAWINGS WHERE NOT INDICATED, PROVIDE MINIMUM CLEAR COVER PER ACI-318.
- C. REINFORCING BARS SHALL BE FREE OF DIRT AND FORM RELEASE AGENTS.
- SUBMITTALS

A. SHOP DRAWINGS FOR REINFORCING STEEL (COMPLY WITH ACI SP-066)

#### MASONRY

- MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATIONS FOR MASONRY STRUCTURES" (TMS 602-13), EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THESE CONTRACT DOCUMENTS.
- COMPRESSIVE STRENGTH SHALL BE DETERMINED FOR EACH TYPE OF MASONRY BY THE UNIT STRENGTH METHOD
- A. CONCRETE MASONRY: f'm = 2000 PSI AT 28 DAYS.
- SUBMITTALS SHALL BE MADE FOR THE FOLLOWING:
- A. COLD WEATHER CONSTRUCTION PROCEDURE
- B. HOT WEATHER CONSTRUCTION PROCEDURE
- C. MANUFACTURERS LITERATURE FOR:
- HORIZONTAL JOINT REINFORCING. REINFORCING STEEL POSITIONERS.
- iii. MOVEMENT JOINT MATERIALS.
- iv. TIES & ANCHORS.
- D. SHOP DRAWINGS SHOWING: DETAILS OF STEEL REINFORCING. IL LINTELS.
- E MANUFACTURERS CERTIFICATE OF COMPLIANCE FOR SPECIFIED: MASONRY UNIT. REINFORCING STEEL.
- F. PROPORTIONS OF MATERIAL IN ACCORDANCE WITH REFERENCED SPECIFICATIONS OF: MORTAR. ii. GROUT.
- MATERIALS
- A. CONCRETE MASONRY UNITS: ASTM C90 TYPE I. NORMAL WEIGHT AGGREGATE PER ASTM C33.
- B FACING BRICK: ASTM C216 GRADE SW COLOR AND SIZE AS NOTED ON THE ARCHITECTURAL DRAWINGS.
- C. MORTAR: ASTM C270 ALL MASONRY UNLESS NOTED OTHERWISE: TYPE S
- ABOVE GRADE VENEER: TYPE N D. PORTLAND CEMENT-LIME MORTAR
- PORTLAND CEMENT: TYPE I. II. HYDRATED LIME TYPE S.
- E. GROUT: ASTM C476. SLUMP 8" TO 11". MINIMUM COMPRESSIVE STRENGTH = 2000 PSI AT 28 DAYS.
- F. REINFORCING STEEL: ASTM A615, ASTM A706, OR ASTM A996, 60 KSI YIELD.
- G. HORIZONTAL JOINT REINFORCING FOR CONCRETE MASONRY AND BRICK VENEER CAVITY WALL ASTM A951 9 GAGE LADDER TYPE PLACED IN CONCRETE MASONRY WITH PROJECTING EYES FOR 3/16" DIAMETER DOUBLE WIRE RECTANGULAR ADJUSTABLE PINTLE. HOT DIPPED GALVANIZED PER ASTM A153 CLASS B. PLACE HORIZONTAL JOINT REINFORCING AT 16" CENTERS VERTICALLY FOR CONCRETE MASONRY. LAP HORIZONTAL JOINT REINFORCING 6' MINIMUM. HORIZONTAL JOINT REINFORCING SHALL BE DISCONTINUOUS ACROSS MOVEMENT JOINTS
- MORTAR PROPORTIONS MUST BE ACCURATELY MEASURED PRIOR TO MIXING. ADD CEMENT TO MIX IN FULL BAG QUANTITIES. MEASURE SAND IN BOX WITH VOLUME OF ONE CUBIC FOOT AS OFTEN AS NECESSARY TO MAINTAIN CONSISTENT PROPORTIONS AND AT LEAST ONCE DAILY AND EVERY 4 HOURS OF MIXING.
- PROVIDE PREFABRICATED "L" AND "T" SHAPED HORIZONTAL JOINT REINFORCING AT WALL INTERSECTIONS.
- KEEP AIR SPACE BEHIND VENEER FREE OF MORTAR DROPPINGS.
- 8. RUNNING BOND PATTERN SHALL BE USED FOR ALL MASONRY WORK UNLESS OTHERWISE NOTED.
- 9. UNLESS NOTED OTHERWISE ON PLANS, UNDER LINTELS, BEARING PLATES, BEAMS, ETC.; FILL CELLS WITH GROUT, 3 COURSES MINIMUM BELOW BEARING.
- 10. UNLESS NOTED OTHERWISE ON PLANS, LINTELS SHALL HAVE 8" MINIMUM END BEARING.
- 11. ALL REINFORCING STEEL SHALL BE SUPPORTED AND FASTENED TO APPROVED POSITIONERS LOCATED AT 192 BAR DIAMETERS MAXIMUM SPACING AND WITH A MINIMUM OF TWO POSITIONERS PER GROUT POUR (ONE NEAR THE BOTTOM AND ONE NEAR THE TOP) TO PREVENT DISPLACEMENT DURING THE PLACEMENT OF GROUT.
- 12. GROUT ALL CELLS BELOW GRADE SOLID.
- 13. PROVIDE REINFORCING BAR SPLICES AS SPECIFIED IN THE FOLLOWING TABLE. BAR SPLICE COUPLERS MAY BE CONSIDERED AS A SUBSTITUTE, SUBMIT MANUFACTURER'S DATA PRIOR TO INSTALLATION.

BAR SIZE LAP SPLICE

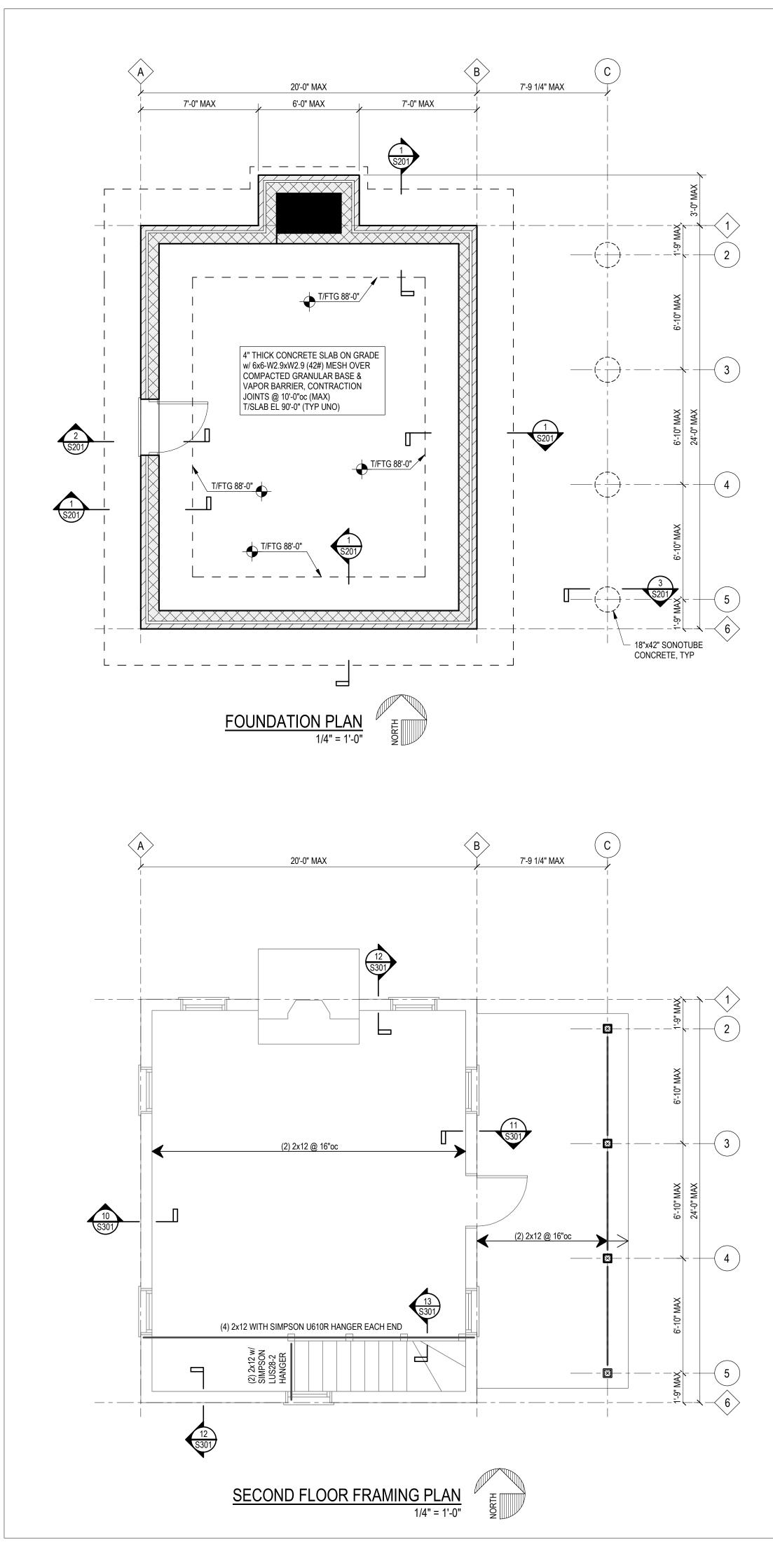
#4	36"
#5	45"
#6	54"
#7	63"

#### WOOD - ROUGH CARPENTRY

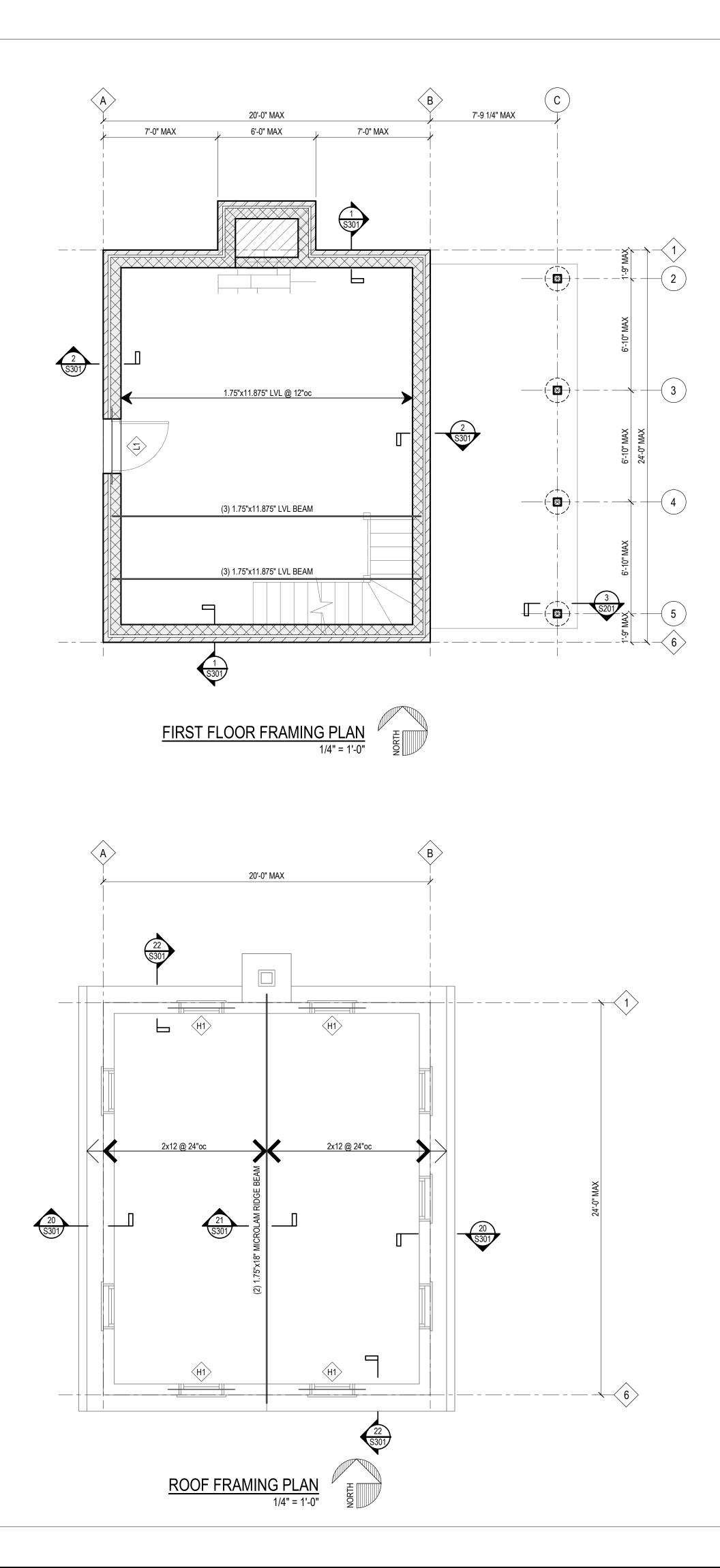
WOOD FRAMING MATERIALS:

- A. DIMENSION LUMBER FRAMING INTERIOR APPLICATIONS:
- 2x4 AND 2x6 (TYPICAL): NO. 2 GRADE OR BETTER SPRUCE PINE FIR KILN DRIED.
- 2x8 AND DEEPER (TYPICAL): NO. 2 GRADE OR BETTER SOUTHERN PINE KILN DRIED. iii 2x4 AND DEEPER (PRESERVATIVE TREATED LUMBER): NO.2 GRADE OR BETTER
- PRESERVATIVE TREATED SOUTHERN PINE, AWPA USE CATEGORY UC2.
- iv. 4x4 & 6x6: NO, 2 GRADE OR BETTER SOUTHERN PINE.
- B. DIMENSION FRAMING LUMBER (EXTERIOR APPLICATIONS): AWPA USE CATEGORY UC3B FOR ABOVE GROUND EXTERIOR FRAMING, AWPA USE CATEGORY UC4A FOR GROUND CONTACT: 2x4 AND DEEPER: NO. 2 GRADE OR BETTER PRESERVATIVE TREATED SOUTHERN PINE. 4x4 & 6x6: NO. 2 GRADE OR BETTER PRESERVATIVE TREATED SOUTHERN PINE.
- C. LVL (LAMINATED VENEER LUMBER): WEYERHAUSER "MICROLLAM" SUBSTITUTES MEETING THE FOLLOWING MINIMUM PROPERTIES MAY BE CONSIDERED: i. BEAMS
  - Fb = 2600 PSI BENDING
  - Fv = 285 PSI HORIZONTAL SHEAR
  - Fc = 2510 PSI COMPRESSION PARALLEL TO GRAIN
  - Fc<sup>⊥</sup> = 750 PSI COMPRESSION PERPENDICULAR TO GRAIN
  - E = 2,000,000 PSI MODULUS OF ELASTICITY

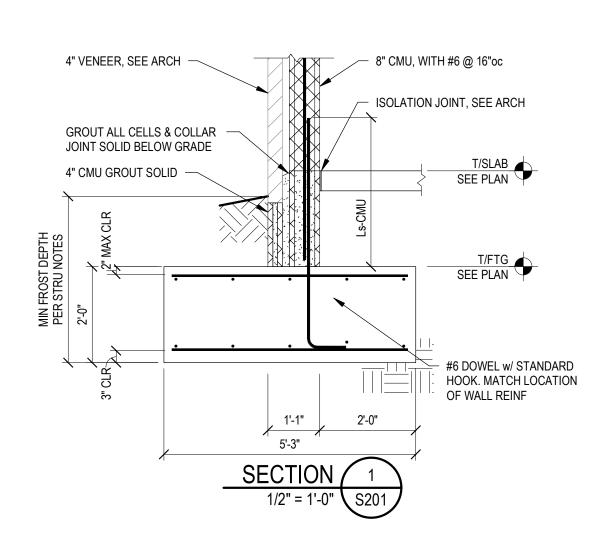
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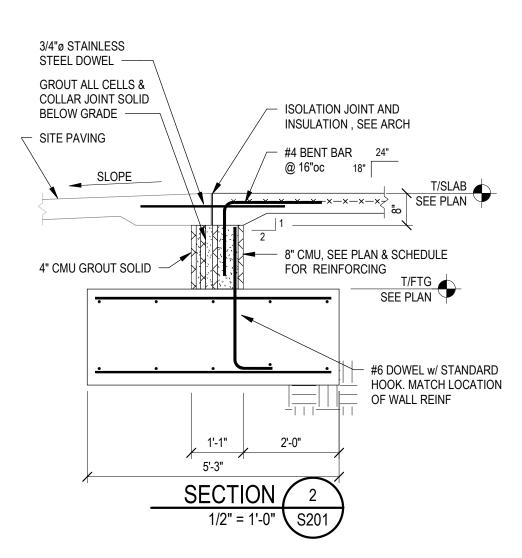


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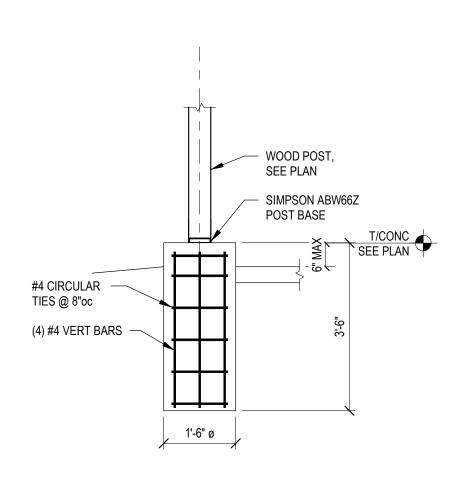


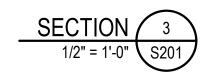
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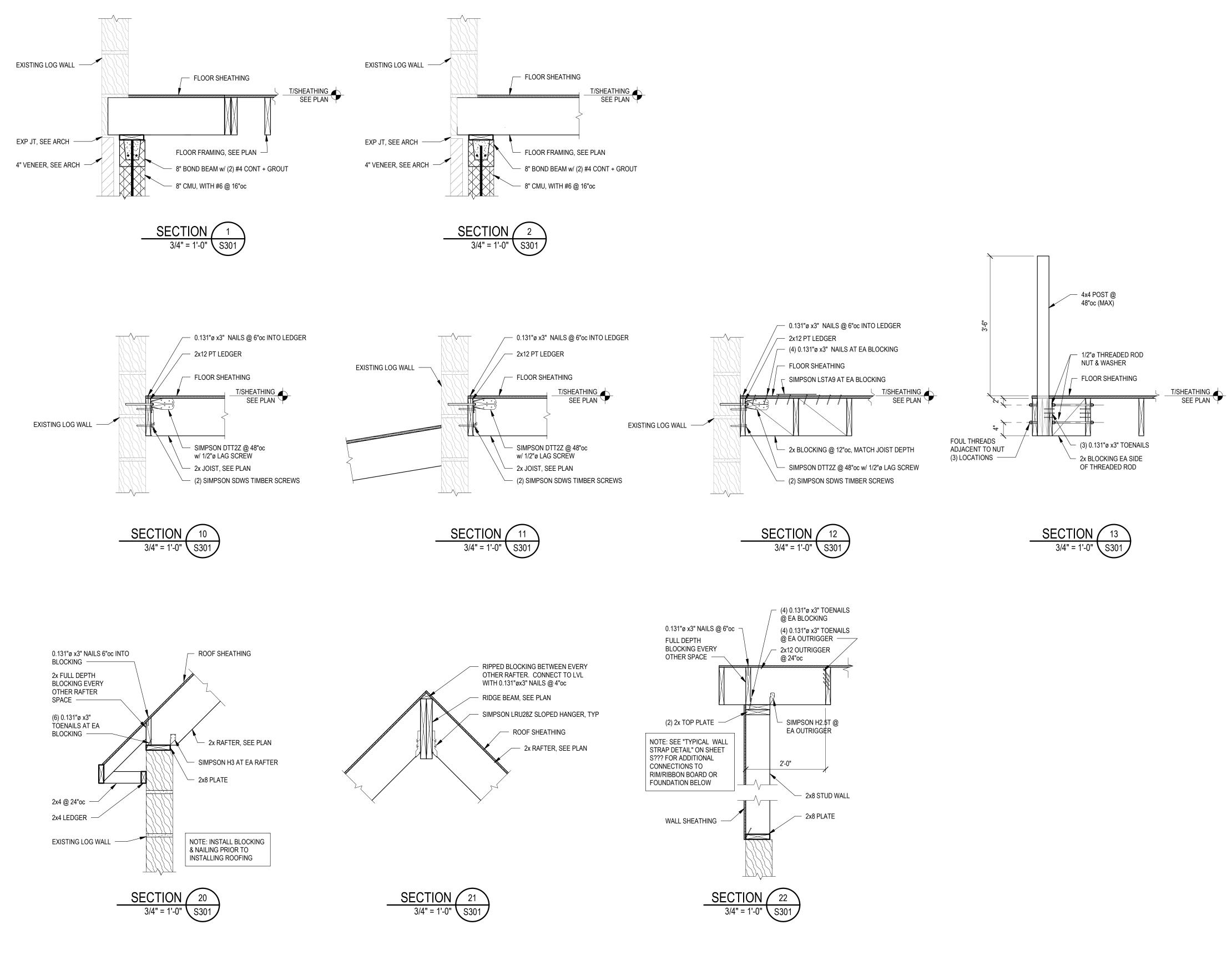


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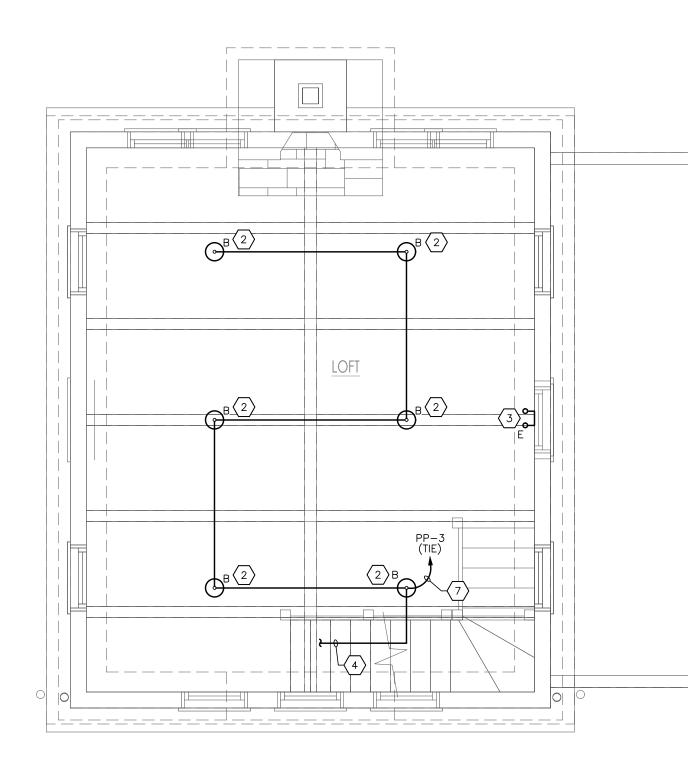


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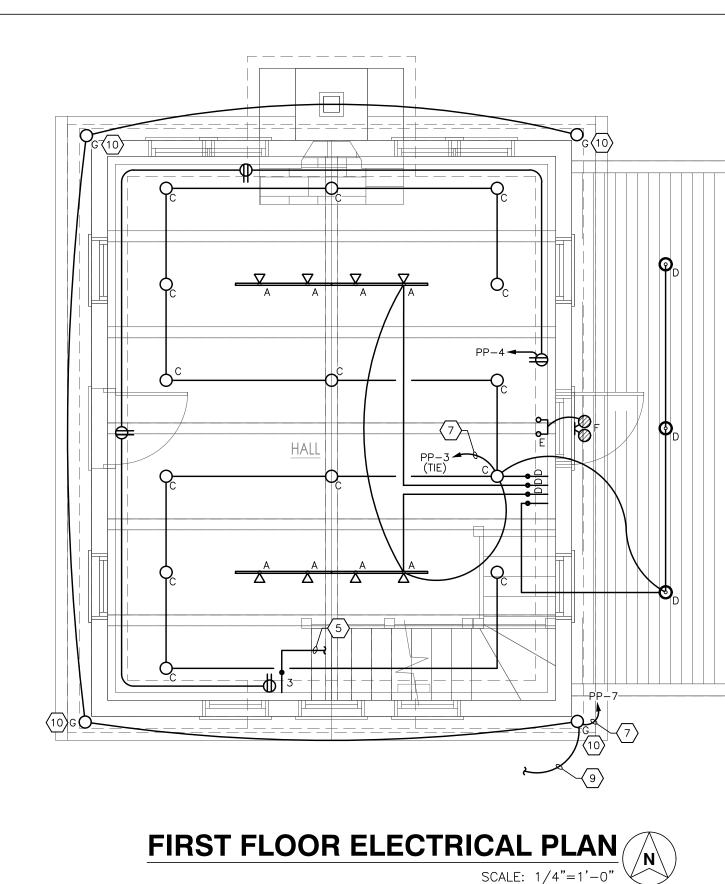


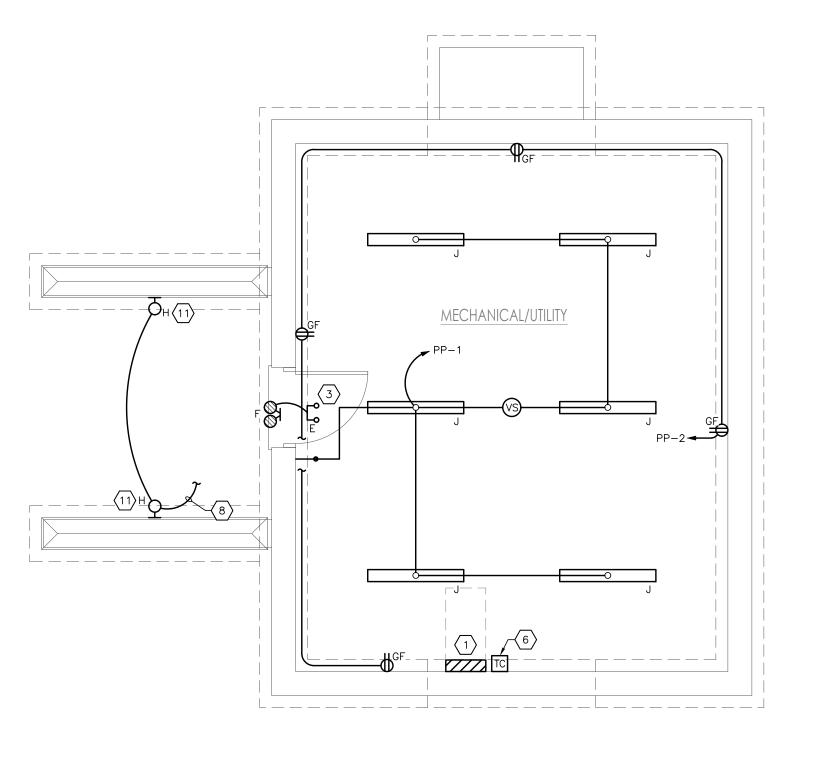
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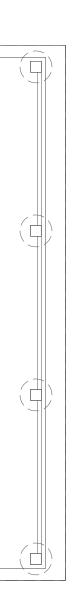
								AMPS	MOUNTING OPTIONS	
FIXTURE DESIGNATION	VOLTAGE	MANUFACTURER AND CATALOG NUMBER	FIXTURE DESCRIPTION	FLUORESCENT	INCANDESCENT C	H.I.D.	WATTS	L.E.D. LUMEN OUTPUT AND COLOR TEMP	CH – CHAIN CM – CEILING (SURFACE) ST – STEM R – RECESSED S – STEM/SUSPENDED UC – UNDER CABINET W – WALL GR – GROUND * – SEE PLANS	REFER TO NOTE(S)
A	120	LIGHTOLIER #TH10930NF1W (HEAD) LIGHTOLIER #6102NWH (TRACK)	L.E.D. TRACK FIXTURE WITH 1100 LUMEN OUTPUT, NARROW FLOOD DISTRIBUTION, WHITE FINISH. PROVIDE 8-FT. RACK LENGTH AS SHOWN. PROVIDE MOUNTING CLIPS, END FEED AND ALL ACCESSORIES FOR A COMPLETE INSTALLATION.			1	16.3	1100 LUMEN L.E.D. 3000°K	СМ	ALL
В	120	TROY RLM LIGHTING #LS-LED12-XX-3	2-1/4"Ø X 4-1/2" L BULLET HEAD L.E.D. FIXTURE W/ALUMINUM FIXTURE HEAD, 360° HORIZONTAL AND 180° VERTICAL ROTATION, MULTI-VOLT, INTEGRATED POWER SUPPLY, 0-10 DIMMING, MONOPOINT MOUNTING, 25°, 45° AND 65° OPTICS INCLUDED, 2700°K AND 980 LUMENS. CORRDINATE FINISH WITH ARCHITECT.			1	14	980 LUMEN 2700°K	СМ	ALL
С	120	LIGHTOLIER #L4R10AE1VB/L4R06930VB/L4RDD	4"ø' L.E.D. DOWNLIGHT W/GALVINIZED STEEL MOUNTING FRAME, MOUNTING BRACKETS AND BAR HANGERS, DIFFUSE OPTICAL LENS, 0-10V DIMMING DRIVER TO 1%, 90 CRI, CLEAR REFLECTOR AND WHITE TRIM, 3000°K, 650 LUMEN OUTPUT, DAMP LABEL LISTED.			1	8.6	650 LUMENS 3000°K	R	ALL
D	120	TOPELE #JSL-03	4" X 4" X 6.1" SINGLE LIGHT 1100LM L.E.D. OUTDOOR SECURITY FLOOD LIGHT WITH/ALUMINUM HOUSING, CREE L.E.D. SOURCE, 5000°K, BRUSHED STEEL FINISH, 80CRI AND IP65 WET LOCATION LISTED.			1	12	1100 LUMENS 5000°K	СМ	ALL
E	120	EXITRONIX #LED-95-BL-G2-R	DECORATIVE SURFACE MOUNTED EMERGENCY BATTERY PACK FIXTURE WITH (2) HEADS AND NICAD BATTERY WITH REMOTE CAPACITY, SELF-DIAGNOSTICS. BLACK IN COLOR.			2	1.5	WITH UNIT	w	ALL
F	120	EXITRONIX #2RL52-BL	DIECAST ALUMINUM DOUBLE HEAD WEATHERPROOF REMOTE HEADS (AND BACKBOX) EACH WITH (2) 1.5 WATT HIGH OUTPUT LED LAMPS AND SELF DIAGNOSTICS, BLACK FINISH.			2	1.5	WITH UNIT	w	ALL
G	120	PROGRESS #P5202-31	$6^{\circ}$ X 11-5/16" H ADJUSTABLE SWIVEL FLOODLIGHT WITH ALUMINUM HOUSING, WALL MOUNTED, MEDIUM PORCELAIN SOCKET, BLACK FINISH AND WET LOCATION LISTED. MOUNT IN EAVE SPACE TO BE COMPLETELY CONCEALED. PROVIDE AN L.E.D. LAMP EQUIVALENT WITH A 150W PAR-38 LAMP.		1		150	2630 LUMENS 2700'K	w	ALL
Н	120	TRACELITE #TLED-NFS-14-VS-4K-XX BEGA #22172+K4	7–7/8"L X 4–3/4"W X 3"D L.E.D. WALL PACK W/DIE-CAST ALUMINUM HOUSING, MATTE SAFETY GLASS, MULTI-VOLT, 0–10 DIMMING DRIVER, 80CRI, 1322 LUMENS AND 4000"K. COORDINATE FIXTURE FINISH WITH ARCHITECT.			1	14.4	1322 LUMENS 4000°K	w	ALL
J	120	DAY-BRITE #FSS440L835-UNV-DIM	48" LONG L.E.D. LINEAR FIXTURE W/FROSTED ACRYLIC LENS, UNIVERSAL VOLTAGE, 85 CRI, 0–10V DIMMING DRIVER, 3500°K, 4000 LUMEN OUTPUT AND DAMP LOCATION LISTED.			1	32	4000 LUMEN 3500°K	СМ	ALL



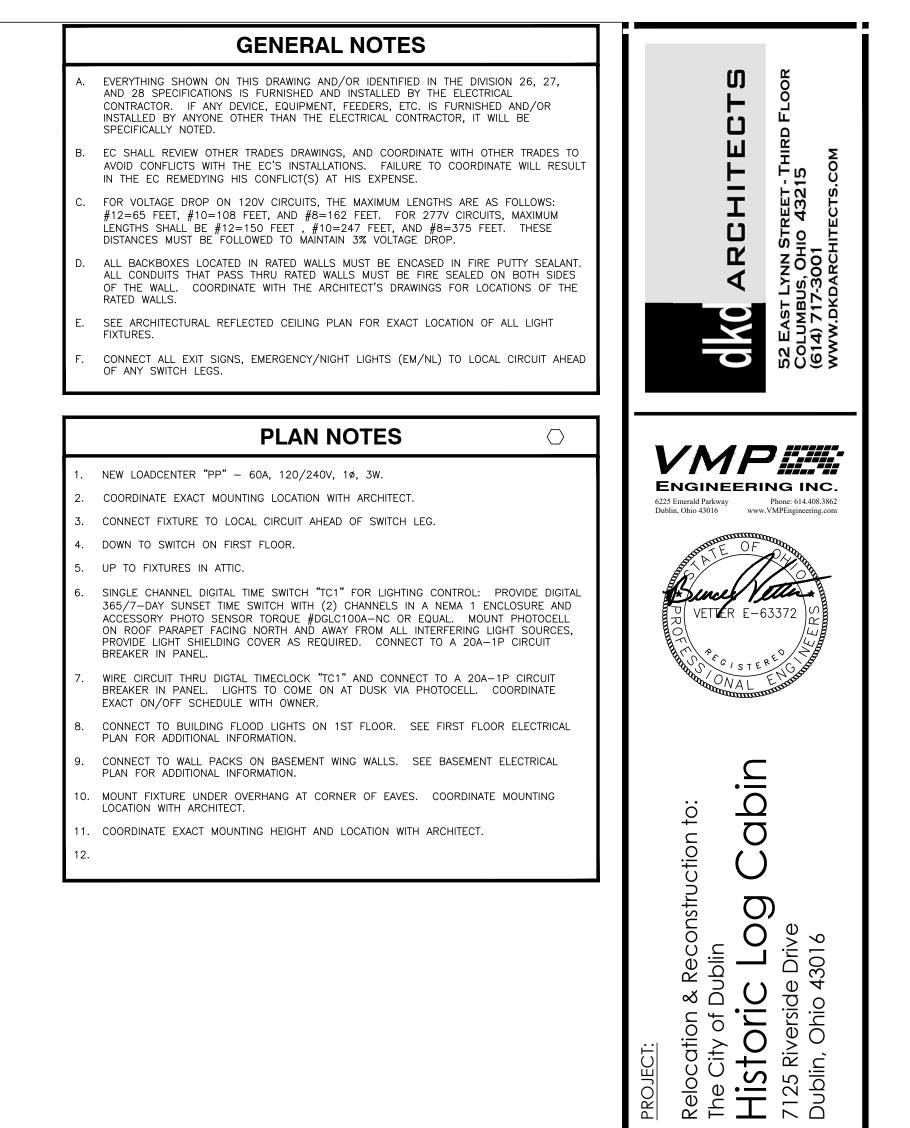








BASEMENT ELECTRICAL PLAN SCALE: 1/4"=1'-0"



STATE OF OH

DAVID A

KEYSER 1616589

David A. Keyser, OH License #1616589 Expiration Date: 12-31-2023

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SHEET INFORMATION

SHEET TITLE

BASEMENT, FIRST FLOOR AND ATTIC ELECTRICAL PLANS

Sheet NUMBER

**E-1** 

2021-003 Permit

4/7/22

2019 dkd Architects, LLC

Project #:

Issued For

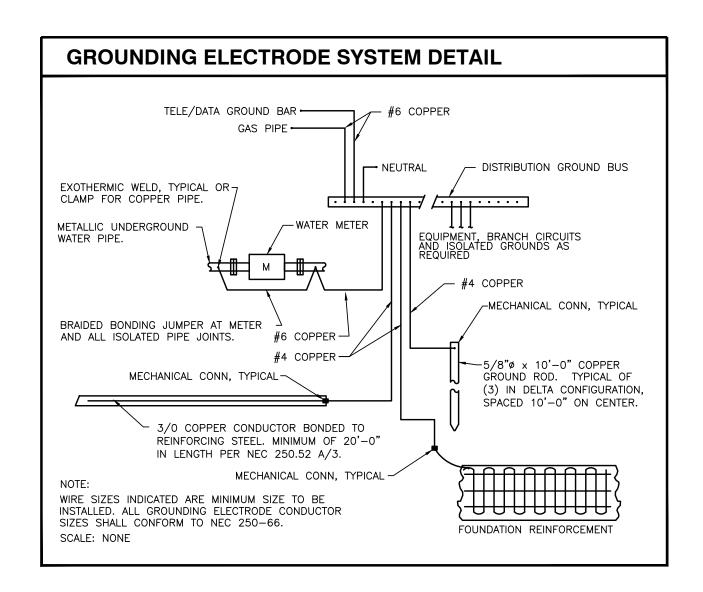
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	<u>NERAL</u>	RECEPTACLES ARE NOT APPROVED. HUBBELL, P&S, OR COOPER.	
Α.	<ul> <li>FURNISH AND INSTALL A COMPLETE ELECTRICAL SYSTEM AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HERE—IN. WORK INCLUDES, BUT IS NOT NECESSARILY LIMITED TO THE FOLLOWING CATEGORIES:</li> <li>1) WIRING DEVICES</li> <li>2) POWER WIRING</li> <li>3) MISCELLANEOUS WIRING AND INTERLOCKS</li> <li>4) EQUIPMENT CONNECTIONS</li> <li>5) LIGHTING FIXTURES</li> </ul>	<ol> <li><u>RACEWAYS &amp; BOXES</u></li> <li>B. CONDUIT SHALL BE USED FOR ALL WIRING, EXCEPT AS NOTED FOR "MC ASSEMBLIES. CONDUIT SYSTEMS MAY BE ANY ONE OR A COMBINATION FOLLOWING, WITHIN RESTRICTING LIMITS INDICATED. CONDUIT TYPES NOT SHALL NOT BE USED. MINIMUM SIZE FOR ALL TYPES SHALL BE 3/4".</li> <li>1) RIGID GALVANIZED CONDUIT - NO RESTRICTIONS</li> <li>2) INTERMEDIATE GRADE GALVANIZED THREADED CONDUIT - NO RESTRICTIONS</li> </ol>	OF THE I LISTED
в.	OBTAIN AND PAY FOR ALL PERMITS. UPON COMPLETION, PROVIDE A CERTIFICATE OF INSPECTIONS FROM THE GOVERNING ELECTRICAL AUTHORITY.	3) THINWALL CONDUIT WITH APPROVED CONNECTOR FITTINGS TO ASSUE GROUNDING CONTINUITY, SUBJECT TO THE FOLLOWING RESTRICTIONS a. HAZARDOUS OR CORROSIVE ATMOSPHERES	RE
C.	DURING THE BIDDING PERIOD, INSPECT THE SITE AND PREMISES OF PROPOSED WORK. REPORT IMMEDIATELY ANY OBSERVED DISCREPANCIES AS RELATED TO THE PLANS OR REQUIRED WORK. ALL WORK SHALL COMPLY WITH N.E.C.	<ul> <li>b. NOT IN POURED CONCRETE, OUTDOOR OR UNDERGROUND</li> <li>c. EXPOSED BELOW 96" ABOVE FINISHED FLOOR</li> <li>4) FLEXIBLE METAL CONDUIT (GREENFIELD TYPE), GALVANIZED. USE R TO THE FOLLOWING APPLICATIONS:</li> </ul>	RESTRIC
D.	DURING THE BIDDING PERIOD, INSPECT THE SITE AND PREMISES OF PROPOSED WORK. REPORT IMMEDIATELY ANY OBSERVED DISCREPANCIES AS RELATED TO THE PLANS OR REQUIRED WORK. ALL WORK SHALL COMPLY WITH N.E.C. WHERE TRADE NAMES, BRANDS, OR MANUFACTURERS ARE LISTED, ANY ONE OF THE NAMED ARE CONSIDERED EQUALLY ACCEPTABLE. NON-SPECIFIED MANUFACTURERS, PRODUCTS, OR MATERIAL SHALL BE USED UNLESS IT IS SUBMITTED DURING BIDDING, WITH STATED CHANGE IN COST, AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF ORDER. SUBMIT SHOP DRAWINGS ON ALL EQUIPMENT AND MATERIALS.	<ul> <li>a. CONNECTIONS TO LIGHTING FIXTURES, MAXIMUM LENGTH IS 6 F</li> <li>5) LIQUID TIGHT FLEXIBLE METAL CONDUIT WITH WATERTIGHT OIL RESIS OUTER PVC COVERING. USE REQUIRED:         <ul> <li>a. CONNECTIONS TO MOTORS OR CONTROL ON DYNAMIC EQUIPMEN</li> <li>b. CONNECTIONS TO FURNITURE ELECTRICAL OUTLETS</li> </ul> </li> <li>6) RIGID NON-METALLIC (SCHEDULE 40 PVC)         <ul> <li>a. THIS CONDUIT MAY BE USED IN OR UNDER CONCRETE SLABS</li> </ul> </li> </ul>	STANT NT
E.	WORKMANSHIP SHALL BE FIRST CLASS. THE ARCHITECT AND/OR ENGINEER'S JUDGEMENT SHALL PREVAIL IF THE QUALITY IS SUSPECT.	IN CONCRETE DUCT BANKS, AND DIRECT BURIED b. THIS CONDUIT MAY NOT RUN EXPOSED WHERE SUBJECT TO PH DAMAGE	IYSICAL
F.	PROTECT MATERIAL AND EQUIPMENT AFTER DELIVERY TO THE JOB SITE. RESPECT OTHER TRADES AS RELATED TO PROTECTING THEIR WORK AND TO AVOID CONSTRUCTION INTERFERENCES. CALL ATTENTION TO PROBLEMS RELATING TO SPACE REQUIREMENTS SO EARLY RESOLUTION MAY BE OBTAINED. RESPECT THE OWNER'S PROPERTY AT ALL TIMES	<ul> <li>c. TYPE EB MAY BE USED WHERE U.L. LISTED FOR SPECIFIC USE</li> <li>C. CONDUIT FITTINGS SHALL BE MANUFACTURED BY EFCOR, STEEL CITY, RA MIDWEST, ETP, OR T&amp;B. WHERE THE METALLIC CONDUIT SYSTEM IS USI EQUIPMENT GROUNDING SYSTEM:</li> <li>1) RIGID CONDUIT-COUPLINGS AND CONNECTORS SHALL BE THREADED</li> </ul>	.CO, ED AS 1
G.	CUT AND PATCH TO INSTALL WORK WHERE FAILURE TO INSTALL SLEEVES OCCURS, OR PAY OTHERS TO PERFORM SUCH WORK. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM ALL OF HIS OWN CUTTING AND PATCHING OF FLOORS AND WALLS WHERE NECESSARY TO INSTALL ELECTRICAL EQUIPMENT. CONCRETE SHALL BE SAW CUT, NEATLY AND ACCURATELY. NECESSARY HOLES SHALL BE CORE DRILLED AND FIRE SEALED. PATCHING SHALL BE DONE TO MATCH BOTH THICKNESS AND FINISH OF ADJACENT MATERIAL. GENERAL CONTRACTOR SHALL DO ALL PATCHING WORK, PAID FOR BY THE ELECTRICAL	<ul> <li>CONCRETE TIGHT WITH NON-INSULATED THROAT. GROUND BUSHING BE INSULATED MALLEABLE IRON.</li> <li>2) EMT-FITTINGS SHALL BE ALL STEEL SET SCREW TYPE, CONCRETE T INSULATED THROAT FITTINGS. GROUND BUSHINGS SHALL BE INSUL MALLEABLE TYPE.</li> <li>3) FLEXIBLE CONDUIT-MALLEABLE IRON, "SQUEEZE" TYPE</li> <li>4) LIQUID-TIGHT CONDUIT-STEEL OR MALLEABLE IRON</li> <li>D. RUN CONDUITS AGAINST UNDERSIDE OF STRUCTURE OR AGAINST TOP CH</li> </ul>	FIGHT, V ATED
н.	CONTRACTOR. CONDUITS, CABLES AND WIRING WHICH PENETRATE WALLS, SLABS, MASONRY, ETC., SHALL DO SO THROUGH PIPE SLEEVES. PENETRATIONS THROUGH ALL ASSEMBLIES SHALL HAVE SLEEVES AND BE SEALED OUTSIDE AND INSIDE WITH CAULK OR TIGHTLY PACKED WITH INSULATION (BLANKET OR FOAM) TO PREVENT HEAT LOSS, INFILTRATION AND SOUND TRANSMISSION. PENETRATIONS THROUGH FIRE/SMOKE RATED ASSEMBLIES SHALL BE PROTECTED WITH PRODUCTS LISTED AND LABELED	D. RUN CONDUITS AGAINST UNDERSIDE OF STRUCTURE OR AGAINST TOP CH JOISTS OR TRUSSES, WHETHER EXPOSED OR CONCEALED. IN NO CASE CONDUIT BE RUN IMMEDIATELY ABOVE ACCESSIBLE CEILINGS. USE ONLY CONNECTORS AND FASTENERS. IN CONCRETE SLAB, LIMIT CONDUIT SIZE LARGER CONDUITS SHALL BE INSTALLED UNDER THE SLAB. PLACE META CONDUITS ABOVE THE VAPOR BARRIER WHEN SLAB IS ON GRADE. WHEI FEEDERS ARE TO BE RUN BELOW FLOOR SLAB ON GRADE, THEY SHALL INSTALLED IN CONDUIT ENCASED IN 3" CONCRETE.	SHALL Y METAL E TO 3, ALLIC RE
Ι.	TO MAINTAIN THE FIRE/SMOKE RATING OF THE ASSEMBLY. AS EACH ELECTRICAL SYSTEM IS COMPLETED, IT SHALL BE TESTED TO ASSURE FREEDOM FROM GROUND, AND THAT ALL REQUIRED FUNCTIONS HAVE BEEN PERFORMED. WORK SHALL BE INSPECTED AND APPROVED BY THE LOCAL INSPECTION AGENCY HAVING JURISDICTION. PERFORM SPECIAL RESISTANCE TESTS WHEN REQUESTED BY THE INSPECTION AGENCY TO PROVE THE SYSTEM'S	E. BRANCH CIRCUITS FOR LIGHTING AND RECEPTACLE CIRCUITS MAY BE TYF CABLE ASSEMBLIES, WHERE PERMITTED BY N.E.C. "MC" SHALL BE USED WHERE CONCEALED IN WALLS OR ABOVE CEILINGS. ALL "MC" CABLE SH PROPERLY SUPPORTED PER N.E.C. ALL CONDUITS LEAVING A PANELBOA BE A MINIMUM OF EMT CONDUIT TO ABOVE CEILING, THEN TRANSITION T CABLE.	D ONLY HALL BE ARD MU
J.	INTEGRITY. FURNISH TO THE OWNER (THROUGH THE ARCHITECT), A FINAL INSPECTION CERTIFICATE. DEMONSTRATE FUNCTIONS PERFORMED BY DEVICES AND SYSTEMS TO THE OWNER'S REPRESENTATIVE. FURNISH TO THE OWNER, DATA SHEETS INDICATING NATURE AND FREQUENCY OF MAINTENANCE REQUIRED FOR SWITCHES, DEVICES, AND EQUIPMENT. ASSEMBLE AND DELIVER TWO (2) BOUND COPIES OF THIS DATA.	F. DEVICE AND JUNCTION BOXES SHALL BE GALVANIZED STEEL, CODE GAUG SIZE, BY STEEL CITY, RACO, APPLETON, OR T&B. BOXES CONNECTING ONE PAIR OF CONDUCTORS SHALL BE A MINIMUM 4"x4" OR 4" OCTAGOI USE ADAPTER PLATES FOR DEVICES WHERE NUMBER OF CONNECTIONS O CONDITIONS DICTATE. EXTERIOR WEATHERPROOF METALLIC COVER PLATE BE HEAVY CAST ALUMINUM SIMILAR TO PASS & SEYMOUR #4510 UNLES OTHERWISE.	MORE T NAL SIZ OR OTHE S SHALI
к.	THIS CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP, EQUIPMENT, AND MATERIAL ENTERING INTO THIS CONTRACT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE, INCLUDING ALL LAMPS AND BALLASTS. ANY WORK PROVEN TO BE DEFECTIVE DURING THIS PERIOD SHALL BE MADE GOOD BY THIS CONTRACTOR WITH NO EXPENSE TO THE OWNER.	<ul> <li>4. <u>CONDUCTORS</u></li> <li>A. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER. MINIMUM SIZE AWG FOR BRANCH CIRCUITS AND #14 FOR CONTROL CIRCUITS. SEE DF FOR VOLTAGE DROP PARAMETERS. BUILDING WIRING SHALL BE INSULATE 600 VOLT, TYPE THW, THWN, XHHW, OR THHN, SUBJECT TO MOISTURE A</li> </ul>	RAWÏNGS ED FOR
L.	THE CONTRACTOR SHALL SUBMIT A COMPLETE SET OF "AS-BUILT" DRAWINGS TO THE OWNER AT THE COMPLETION OF THE PROJECT. THE DRAWINGS ARE TO SHOW ALL CONDUIT, DEVICES, WIRE QUANTITY AND SIZES.	LIMITATIONS STATED IN CODE. USE ONLY THW, SUBJECT TO MOISICRE A CONNECTIONS STATED IN CODE. USE ONLY THW, THHN, OR XHHW CONDU CONNECTIONS TO LIGHTING AND EMERGENCY FIXTURES. SERVICE CONDU AND SELECTED FEEDERS MAY BE ALUMINUM. ALL SERVICE AND FEEDER GROUNDING CONDUCTORS MUST BE COPPER, NO EXCEPTIONS. ALL WIR COLOR-CODED AS FOLLOWS:	JCTORS JCTORS R
<u>wir</u> A.	ING DEVICES HARD USE SPECIFICATION GRADE WIRING DEVICES AND GROUND FAULT CIRCUIT INTERRUPTERS IN NEMA CONFIGURATIONS AS SHOWN ON THE ELECTRICAL PLANS.	120/208 VOLT SYSTEM: 277/480 VOLT SYSTEM:	
	DEVICES AND COVER PLATES SHALL BE IVORY IN COLOR. COVER PLATES SHALL BE NON-BREAKABLE, AND NON-COMBUSTIBLE NYLON, 0.100# THICK. DEVICES MUST BE SIDE AND BACK WIRED. QUICK CONNECT OR PLUG-IN TYPE	NEUTRAL-WHITE NEUTRAL-GRAY PHASE A OR L1-BLACK PHASE A OR L1-BROWN	



#### MC"CABLE ON OF THE NOT LISTED STRICTIONS SURE

5.

ON GRADE, PHYSICAL JSE INTENDED RACO, USED AS THE ED STEEL, IINGS SHALL TIGHT, WITH SULATED

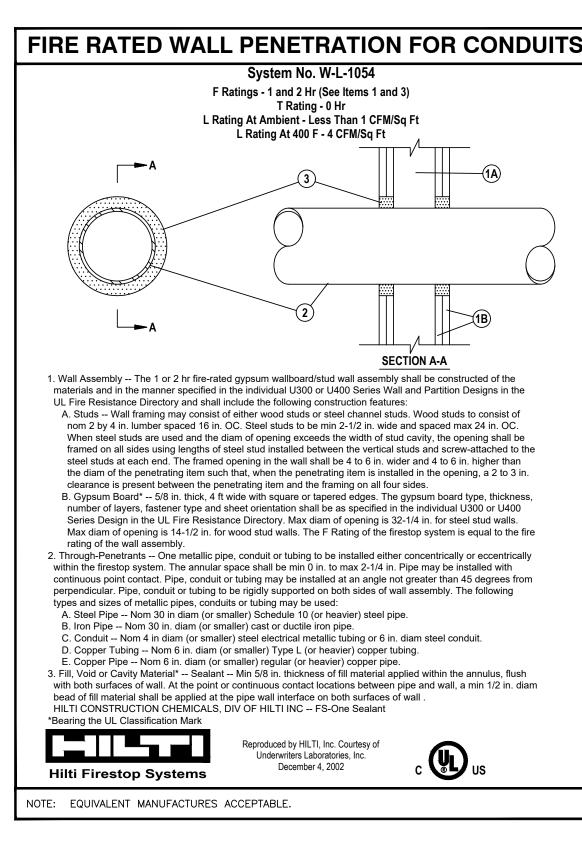
IG MORE THAN GONAL SIZE. OR OTHER ATES SHALL LESS NOTED

DRAWINGS ATED FOR AND HEAT NDUCTORS FOR NDUCTORS WIRING TO BE

PHASE B OR L2-RED PHASE C OR L3-BLUE GROUND-GREEN

PHASE B OR L2-ORANGE PHASE C OR L3-YELLOW GROUND-GREEN w/YELLOW TRACER

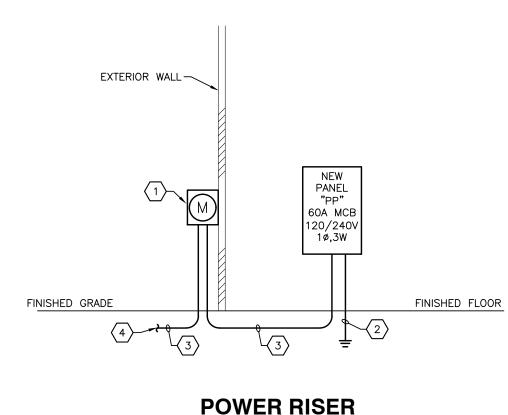
- A. THE BUILDING NEUTRAL SHALL BE IDENTIFIED THROUGHOUT BY A WHITE CONDUCTOR. WORK INCLUDES GROUNDING OF THE SYSTEM NEUTRAL, EQUIPMENT, AND CONDUIT SYSTEMS TO CONFORM TO N.E.C. ALL GROUND RODS SHALL BE COPPER CLAD, MOLTEN CADWELDED COPPER TO STEEL, 5/8" DIAMETER×10'-0" LONG. RUN GREEN GROUND CONDUCTOR IN ALL CONDUITS. PROVIDE BONDING JUMPER.
- 6. <u>PANELBOARDS/LOADCENTERS</u> A. BRANCH CIRCUIT LOADCENTER SHALL BE SQUARE D TYPE "QO" FOR 120/208V-10-3W. EQUALS BY GENERAL ELECTRIC, EATON OR SIEMENS. SEE DRAWINGS FOR SURFACE OR FLUSH MOUNTING. BUSSING SHALL BE ALL COPPER WITH SEPARATE GROUND BAR. CIRCUIT BREAKERS SHALL BE BOLTED TYPE WITH 10KAIC FOR BRANCHES AND 42KAIC FOR MAIN BREAKERS. CIRCUIT BREAKERS USED FOR PROTECTION OF HEATING, AIR CONDITIONING AND REFRIGERATION EQUIPMENT SHALL BE U.L. "HACR" TYPE. CABINETS SHALL BE MINIMUM OF 20" WIDE WITH HINGED AND LOCKED DOOR. ALL PANELS SHALL BE KEYED THE SAME.
- 7. <u>EQUIPMENT CONNECTIONS</u> A. MISCELLANEOUS ITEMS OF EQUIPMENT REQUIRE WIRING CONNECTIONS AS SHOWN. FURNISH POWER AND CONTROL SOURCES FOR THESE. OBTAIN ROUGH-IN DRAWINGS AND INFORMATION ON FURNISHED CONTROLS FROM THE EQUIPMENT SUPPLIER. PLACE DISCONNECTS AND CONNECTION BOXES IN AN INCONSPICUOUS BUT ACCESSIBLE LOCATION. COORDINATE LOCATIONS WITH EQUIPMENT SUPPLIER AND THE ARCHITECT.
- <u>LIGHTING FIXTURES</u> A. LIGHTING FIXTURES AND SPECIFIED APPROVED MANUFACTURERS ARE SHOWN ON THE DRAWINGS, AND ARE STANDARDS FOR DESIGN, QUALITY AND APPEARANCE. APPROVED MANUFACTURERS LISTED IN SCHEDULE MAY BE USED AT THE CONTRACTOR'S OPTION FOR THAT FIXTURE ONLY. ALL FIXTURES SHALL BE NEW AND U.L. LABELED. <u>NO SUBSTITUTIONS</u> UNLESS APPROVED IN WRITING FROM THE ENGINEER OR ARCHITECT.
- B. FIXTURE MATERIALS GIVEN WITH THE STANDARD FIXTURES SHALL BE MAINTAINED IF ALTERNATE MANUFACTURERS ARE USED, I.E., METAL SIDES FOR METAL SIDES, ACRYLIC PLASTIC LOUVER OR ACRYLIC PLASTIC LOUVER, ETC. LENS THICKNESS FOR L.E.D. FIXTURES SHALL BE 0.125 INCHES, MINIMUM (NOT NOMINAL) AND HAVE A MINIMUM WEIGHT OF 8.0 OUNCES PER SQUARE FOOT. RECESSED INCANDESCENT FIXTURES SHALL BE EQUIPPED WITH THERMAL PROTECTION IN ACCORDANCE WITH NEC ARTICLE 410.115(C) AND UL 1571.
- C. L.E.D. ARRAYS SHALL BE SEALED, HIGH PERFORMANCE, LONG LIFE TYPE; MINIMUM 70% RATED OUTPUT AT 50,000 HOURS. THE L.E.D. LIGHT SOURCE SHALL BE FULLY DIMMABLE WITH USE OF A COMPATIBLE DIMMER SWITCH DESIGNATED FOR LOW VOLTAGE LOADS. DRIVERS SHALL BE SOLID STATE AND ACCEPT 120 THRU 277 VAC AT 60 HZ INPUT.
- D. NO FIXTURES SHALL BE INSTALLED UNTIL PAINTING IS COMPLETED. FIXTURES WITH PAINT MARKS ON THEM SHALL BE REPLACED. ALL LIGHTING FIXTURES ARE TO BE GROUNDED ON THE INTERIOR OF THE FIXTURE HOUSING, ON CLEAN BARE METAL (FREE OF PAINT), BY USE OF A PIGTAIL AND FASTENED BY A SCREW USED FOR NO OTHER PURPOSE. ALL FIXTURES SHALL BE THOROUGHLY CLEANED PRIOR TO THE COMPLETION OF THE PROJECT.
- INSTALLATION: SURFACE MOUNTED FIXTURES SHALL BE FASTENED AT EACH OF THE FOUR CORNERS AND FIT TIGHT TO THE CEILING SUSPENSION SYSTEM. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO SUPPORT EACH RECESSED LIGHT FIXTURE WITH A SUPPORT WIRE AT ALL FOUR CORNERS OF THE LIGHT FIXTURE. FIXTURES SHALL BE INSTALLED FLUSH WITHIN CEILING SUSPENSION SYSTEM. THE T-BAR SHALL NOT BE CUT OUT TO PROVIDE ROOM FOR THE JUNCTION BOX. PRIOR TO THE INSTALLATION OF ANY LIGHT FIXTURES, THIS CONTRACTOR SHALL COORDINATE PLACEMENT OF LIGHT FIXTURES WITH FIRE PROTECTION CONTRACTOR'S SPRINKLER HEAD LAYOUT.



MAINS: 100A			VOLT	AGE:	120/2	240V., 1	ø, 3W.		
60A MCB			MOUN	NTING:	SURF	ACE			
REMARKS	KVA	BKR.		RCUIT D PH		BKR.	KVA	F	REMARKS
LTS (BASEMENT)	-	20/1	1	Α	2	20/1	0.72-R	REC	(BASEMEN
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			15	B	16				
			17 19	A B	18 20				
LEGEND: L-LIC MLO-MAIN LUGS			BREA	KER,				LOCK	APPLIANCE, (ING CLIP. 0.00 KW
CONNECTED LO									
CONNECTED LO	0 KW	<b>@</b> 100%	TO 10		1 500		J	=	
CONNECTED LO. LIGHTING: 0.C RECEPTS: 0.C	o kw o kw	@ 100% @ 100%	TO 10	) KW	+ 50%	% REMAIN	N	=	0.00 KW
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PROVIDE LOCKING CLIP. PROVIDE RED LABEL "FIRE ALARM CIRCUIT" ON CIRCUIT BREAKER PER NFPA 70 PARAGRAPH 760.41(B).

INSTALL AN ARC FLASH WARNING LABEL ON THE PANEL TRIM.



SCALE: NO SCALE

## POWER RISER PLAN NOTES $\bigcirc$

- NEW UTILITY METER CABINET BY ELECTRICAL CONTRACTOR, METER BY UTILITY COMPANY. COORDINATE ALL REQUIREMENTS WITH UTILITY COMPANY.
- SEE GROUNDING ELECTRODE SYSTEM DETAIL THIS SHEET.
- RUN 3 #1 IN 1-1/4" CONDUIT UNDERGROUND.
- COORDINATE LOCATION OF UTILITY TRANSFORMER WITH SITE PLAN. LOCATION OF TRANSFORMER IS APPROXIMATELY 500'-0" AWAY.

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	ŒF-D	EQUIPMENT REFERENCE SYMBOL.	
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MAULEACTURER FOR COMPATIBILITY.       CORRENATE SWITCH COLOR WITH ARCHITECT (48"         MS.       WALL MOUNTED DUAL-TECHNOLOY PASSIVE INFRARED/ULTRASONIC 0-10V DIMMING, VACHOY SENSOR SWITCH, MOUNTAL-OW/AUTO-OFF AND DIMMING CONTROL BY SENSOR WITCH, DOUGLS, GREENARE, WATSTEPFER, LEVTON, HUBBELL OR LUTRON, COLOR WITH ARCHITECT (48" MH).         Image: Sensor WITCH, MOUNTED DUAL-TECHNOLOY PASSIVE INFRARED/ULTRASONIC 2000 SO FT COMPAGE AREA "AUTO-OM/AUTO-OFF" OCCUPANCE SENSOR BY LEVTON, HUBBELL OR DUAL-TECHNOLOY PASSIVE INFRARED/ULTRASONIC, 2000 SO FT COMPAGE AREA "AUTO-OM/AUTO-OFF" OCCUPANCE SENSOR BY LEVTON #052620-HOW SOCKADE TO INSURE COMPATIBILITY.         Image: Sensor WITCH, DUAL-TECHNOLOY PASSIVE INFRARED/ULTRASONIC, 2000 SO FT COMPAGE AREA "AUTO-OM/AUTO-OFF" (ACCHONCES) FOR SUBJECTION #052620-HOW SOCKADE TO INSURE COMPATIBILITY.         Image: Comparison of the Company of the instrume in Colors, COORDINATE WITH LIGHTING #0000000 MME WITH ARCHITER TO INSURE COMPATIBILITY.         Image: Comparison of the Company of the instrume in Colors, COORDINATE WITH LIGHTING #000000000000000000000000000000000000		COVERAGE AREA EQUAL TO 2000 SQ/FT MAJOR MOTION AND 600 SQ/FT MINOR MOTION	
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VACANCY SENSOR SWICH W/MANUL-OFF AND DIMINIS CONTROL BY SENSORWORK #WICH 2005AVENT SERVES. COULAT 5000 SQ/T MINDE MOTION, 2000 SQ/T MAJOR MOTION AND 180'OF DETECTION. EQUIAL TO 600 SQ/T MINDE MOTION, 2000 SQ/T MAJOR MOTION AND 180'OF DETECTION. EQUIALS BY SENSOR SWICH DOULDS, CENTRATE, WATERING THE TOTON. COORDINATE SWICH COUR WITH ARCHITECT (46" MH). COURSE COURTED DUAL-TECHNOLOGY PASSWE INFRARED/ULTRASONC, 2000 SQ FT COMPRACE AREA "ANTO-OW/AUTO-OFF" ACCUMANTIBUTY. COORDINATE SWICH OVERACE AREA "ANTO-OW/AUTO-OFF" ACCUMANT ENTRARED/ULTRASONC, 2000 SQ FT COMPRACE AREA "ANTO-OW/AUTO-OFF" VACANCY SENSOR BY LEXITON #05C20-MOW SERES. EQUIAS BY HUBBELL SENSOR SWICH, DOUGLAS OF CREENAATE. INCLUEE COMPANDE AND THE ALL PARTS WHITE IN COLOR. COORDINATE WITH LUGHTING WANUFACTURER TO INSURE COMPARIBULY. LIGHTING SINGLE FACE EXT LIGHTING FIXTURE. ARROWS AS INDICATED. CELLING MOUNTED. LIGHTING FIXTURE, COMPARIBULY. LIGHTING FIXTURE, CAPITAL LETTER COMPARIBULY. LIGHTING FIXTURE, CAPITAL LETTER MONS AS INDICATED. CELLING MOUNTED. LIGHTING FIXTURE; CAPITAL LETTER DENOTES FIXTURE TYPE. LIGHTING FIXTURE; CAPITAL LETTER DENOTES FIXTURE TYPE. LIGHTING RIXTURE, CAPITAL LETTER DENOTES FIXTURE TYPE. LIGHTING RIXTURE, CAPITAL LETTER DENOTES FIXTURE TYPE. LIGHTING RIXTURE; CAPITAL LETTER DENOTES FIXTURE TYPE. LIGHTING RIXTURE; CAPITAL LETTER DENOTES FIXTURE TYPE. LIGHTING RIXTURE; CAPITAL LETTER DENOTES FIXTURE TYPE. LIGHTING RIXTURE, CAPITAL LETTER DENOTES MICH. H HORSEPOWER RATEL TOOLOGUE SWICH, S'-O" TO TOP. CIRCUT BREAKER PANEL (CUNFACE MOUNTED).	DVS_	,	
MINOR MOTION, 2000 SQ/FT MAJOR WOTION AND 180° OF DETECTION. E CUALLS BY SINGR SWTCH, DUCLAS, GREENARTE, WATSCHOPER, LEVTON, HUBBELL OF LUTRON, COORDINATE WITH LIGHTING MANUFACTUREE FOR COMPARIBULTY. COORDINATE SWTCH COORDINATE WITH LIGHTING MANUFACTUREEF FOR COMPARIBULTY. COORDINATE SWTCH COORDINATE WITH LIGHTING MANUFACTUREEF FOR COMPARIBULTY. COORDINATE SWTCH COMPARIE AREA "AUTO-ON/AUTO-OFF" OCCUMENTS SENS OF PLEITON (#GSC20-MOW SERIES, EQUALS BY HUBBELL SENSOR SWTCH, DUCLUS OF GREENAATE. INCLUER COORDING CELLING MANTER, ALL PARTS WHITE IN COLOR. COORDINATE WITH LIGHTING MANUFACTURER TO INSURE COMPARIBULTY.         Image: Comparison of the Comparison of the Comparison of the Color. COORDINATE WITH LIGHTING MANUFACTURER TO INSURE COMPARIBULTY.       Image: Comparison of the Color. COORDINATE WITH LIGHTING MANUFACTURER DUAL-TECHNOLOGY PASSUE INFRARED/ULTRASONC, 2000 SD FT COMERCE CALLS BY HUBBELL SENSOR SWTCH, DOUGLAS OF GREENAATE. WITH LIGHTING MANUFACTURER DUAL-TECHNOLOGY PASSUE INFRARED/ULTRASONC, 2000 SD FT COMERCE AREA SWTCH. CALL PARTS WHITE IN COLOR. COORDINATE WITH LIGHTING MANUFACTURER DUAL-TECHNOLOGY PASSUE INFRARED/ULTRASONC, 2000 SD FT COMERCE CELING MAUTELY. ALL PARTS WHITE IN COLOR. COORDINATE WITH LIGHTING MANUFACTURER DUAL-TECHNOLOGY PASSUE INFRARED/ULTRASONC, 2000 SD FT COMERCE AREA THE ALL PARTS WHITE IN COLOR. COORDINATE WITH LIGHTING MANUFACTURER TO INSURE COMPARIBULTY.         Image: Comparison of the Comparison of AUTOR STATEMENT ARROWS AS INDICATED. COLING MOUNTED.       SHEET INFORMATI SHEET INFORMATI MANUFACTURER (CHING RIXTURE ARROWS AS INDICATED. CELING MOUNTED.         Image: AND MALESCON REQUERE ALL BARTS MANTER MALE ARROWS AS INDICATED. COLING CONDUCTION FRANCE ARROWS AS INDICATED. CELING MOUNTED.         Image: AND MALESCON REQUERES AND BATTERY. SURFACE MID. ABOVE DOOR.	•	VACANCY SENSOR SWITCH W/MANUAL-ON/AUTO-OFF AND DIMMING CONTROL BY	
COORDINATE WITH LIGHTING MANUFACTURER FOR COMPARIBILITY. COORDINATE SWITCH         COORD WITH ANGUNETIC (144" HM).         CELLING MOUNTED DUAL-TECHNOLGY PASSIVE INFRARED/ULTRASONG, 2000 SO FT         CORRECT CONTROL ADAPTER. ALL, PARTS WITH IN COLOR. COORDINATE WITH LIGHTING MANUFACTURER TO INSURE COMPARIATION.         COURTAGE AREA TAUTO.CONTROLOGY PASSIVE INFRARED/ULTRASONG, 2000 SO FT         COURTAGE AREA TAUTO.CONTROLOGY PASSIVE INFRARED/ULTRASONG. 2000 SO FT         CONSUME CONNECT. ALL, PARTS WITE IN COLOR. COORDINATE WITH LIGHTING MANUFACTURER TO INSUER COMPARIBUTY.         LIGHTING FAULTER AREAS WHITE IN COLOR. COORDINATE WITH LIGHTING THE AREAS WITH I		MINOR MOTION, 2000 SQ/FT MAJOR MOTION AND 180 OF DETECTION. EQUALS BY	
COVERAGE ARA AUTO-ON/AUTO-ON/AUTO-OF OCCUPARCY SENSOR BY LEVITON 405/220-400W         SERESS EQUADS BY HUBBELL SENSOR SWITCH, DOUGLOS OR GREENKALE, INCLUDE COVERAGE ARA MANUA-ON/AUTO-OFF VASINE INFRARED/ULTRASONIC, 2000 S0 FT         CELING MOUNTED DUAL-TECHNOLGY PASSIVE INFRARED/ULTRASONIC, 2000 S0 FT         COMENCE ALL ARTS WHUBBELL, SENSOR SWITCH, DOUGLAS OR GREENKATE, INCLUDE COSMETIC CLIUNG ADAPTER ALL PARTS WHILE IN COLOR. COORDINATE WITH LIGHTING MANUFACTURER TO INSURE COMPATIBILITY. LIGHTING         LIGHTING         LIGHTING         Single FACE EXIT LIGHTING FIXTURE. ARROWS AS INDICATED. CELLING MOUNTED.         ImplicateD. CELLING MOUNTED.         COMBINATION EXIT / EN LIGHTING FIXTURE. ARROWS AS INDICATED. CELLING MOUNTED.         ImplicateD. CELLING MOUNTED.         ImplicateD. CELLING MOUNTED.         COMBINATION EXIT / EN LIGHTING FIXTURE. ARROWS AS INDICATED. CELLING MOUNTED.         ImplicateD. CELLING MOUNTED.         ImplicateD. CELLING MOUNTED.         Combination EXIT / EN LIGHTING FIXTURE. ARROWS AS INDICATED. CELLING MOUNTED.         ImplicateD. CELLING MOUNTED.		COORDINATE WITH LIGHTING MANUFACTURER FOR COMPATIBILITY. COORDINATE SWITCH	
COVERAGE AREA AUTO-OM/AUTO-OF OCCUPANCY SENSOR BY LEVITON 405/22-040W         SERES, EDUALS BY HUBBELL SENSOR SWITCH, DOUGLAS OR GREENKALE, INCLUDE COVERAGE AREA MANUA-ONAUTO-OFF' NO.COVERDATE WITH LIGHTING MANUFACTURER TO INSURE COMPATIBILITY.         CELING MOUNTED DUAL-TECHNOLEY PASSIVE INFRARED/ULTRASONIC, 2000 SO FT COVERAGE AREA MANUA-ONAUTO-OFF' VACANCY SENSOR BY LEVITON ASS220-MOW SERIES, EDUALS BY HUBBELL, SENSOR SWITCH, DOUGLAS OR GREENKALE, INCLUDE COMENCE CLICING ADAPTER ALL PARTS WHITE IN COLOR. COORDINATE WITH LIGHTING MANUFACTURER TO INSURE COMPATIBILITY.         LIGHTING       SINGLE FACE EXIT LIGHTING FIXTURE. ARROWS AS INDICATED. CELLING MOUNTED.         SMIL       COMBINATION EXIT / EN LIGHTING FIXTURE. ARROWS AS INDICATED. CELLING MOUNTED.         IGHT OUBLE FACE EXIT LIGHTING FIXTURE. ARROWS AS INDICATED. CELLING MOUNTED.       SHEET INFORMAT         IGHT OUBLE FACE EXIT LIGHTING FIXTURE. ARROWS AS INDICATED. CELLING MOUNTED.       SHEET INFORMAT         IGHT OUBLE FACE EXIT LIGHTING FIXTURE W/ 2 HEADS AND BATTERY. ARROWS AS INDICATED. CELLING MOUNTED.       SHEET INFORMATE         IGHT ON FIXTURE (APITAL LETTER DENOTES FIXTURE TYPE.       IGHTING FIXTURE, CAPITAL LETTER DENOTES FIXTURE TYPE.       Date:         IGHT ON BOX.       ILECTRICAL CONNECTION.       JUNCTION BOX.       ILECTRICAL CONNECTION.	(OS)		
MANUTECTURER TO INSURE COMPARIBILITY.         Image: Comparing and the comparing of	U	SERIES. EQUALS BY HUBBELL, SENSOR SWITCH, DOUGLAS OR GREENGATE. INCLUDE	
COVERAGE AREA "MANUAL-ON/AUTO-OFF" VACANCY SENSOR BY LEVTON #05220-MOW       Image: Construct the set of the double construction of the double constructin of the double construction of the double			
SERIES. EQUALS BY HUBBELL, SENSOR SWITCH, DOUGLAS OR GREENAATE. INCLUDE COSMETIC CELING ADAPTER. ALL PARTS WHITE IN COLOR. COORDINATE WITH LIGHTING MANUFACTURER TO INSURE COMPATIBILITY. LIGHTING SINGLE FACE EXIT LIGHTING FIXTURE. ARROWS AS INDICATED. CELING MOUNTED. DOUBLE FACE EXIT LIGHTING FIXTURE. ARROWS AS INDICATED. CELING MOUNTED. COMBINATION EXIT / EM LIGHTING FIXTURE. ARROWS AS INDICATED. CELING MOUNTED. COMBINATION EXIT / EM LIGHTING FIXTURE / 2 HEADS AND BATTERY. ARROWS AS INDICATED. CELING MOUNTED. WINDICATED. CELING MOUNTED. MUNICATED. CELING MOUNTED. MUNICATED. CELING MOUNTED. COMBINATION EXIT / EM LIGHTING FIXTURE / 2 HEADS AND BATTERY. ARROWS AS INDICATED. CELING MOUNTED. MUNICATED. CONDUCT IN WALL OR ABOVE CELING. MUNICATED. CONNECTION REQUIRED. MUNICATED. CONNECTION REQUIRED. MUNICATED. CONNECTION REQUIRED. MUNICATED. CONNECTION REQUIRED. MUNICATED. CONNECTION REQUIRED. MUNICATED. CONNECTION REQUIRED. MUNICATED. CONDUCT IN WALL OR ABOVE CELING. MUNICATED. CONNECTION REQUIRED. MUNICATION BOX. MUNICATION BOX. MUNICA	(VS)		© 2019 dkd Architects, LLC
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Single face exit lighting fixture. ARROWS AS INDICATED. CEILING MOUNTED.       SHEET INFORMAT         Project #:       2         COMBINATION EXIT / EM LIGHTING FIXTURE. ARROWS AS INDICATED. CEILING MOUNTED.       Project #:       2         IndicateD. CEILING MOUNTED.       EMERGENCY LIGHT FIXTURE W/ 2 HEADS AND BATTERY. ARROWS AS       Issued For:       1         IndicateD. CEILING MOUNTED.       EMERGENCY LIGHT FIXTURE W/ 2 HEADS AND BATTERY. SURFACE MTD. (8'-0" MH).       Date:       Revisions:         Image: Combination Exit / EM Lighting Fixture:       Light fixture:       Surface MTD. ABOVE DOOR.       Revisions:         Image: Combination Exit / EM Lighting Fixture:       Light fixture:       Surface MTD. ABOVE DOOR.       Revisions:         Image: Combination Exit / EM Lighting Fixture:       Light fixture:       Surface MTD. ABOVE DOOR.       Revisions:         Image: Combination Exit / EM Lighting Fixture:       Combination Exit / EM Lighting Fixture:       Surface MTD. ABOVE DOOR.       Revisions:         Image: Combination Exit / EM Lighting Fixture:       Surface Combination Exit / EM Lighting Fixture:       Surface MTD. ABOVE DOOR.       Revisions:         Image: Combination Exit / EM Lighting Fixture:       Surface MTD. ABOVE CEILING.       Surface MTD. ABOVE CEILING.       Surface MTD. ABOVE DOOR.         Image: Combination Motor Statter w/ HEAVY DUTY DISCONNECT SWITCH.       SHEET TITLE       SHEET TITLE		MANUFACTURER TO INSURE COMPATIBILITY.	reproduced in any form by any means or used
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R1 ○       LIGHTING FIXTURE; CAPITAL LETTER DENOTES FIXTURE TYPE.	Ø	LOW VOLTAGE EMERGENCY REMOTE HEAD LIGHT FIXTURE. SURFACE MTD. ABOVE DOOR.	Revisions:
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Lach Arkowihad Represents one complete directin; capital letter         Denotes panel; number(s) denotes circuit(s).         Wire & conduit in wall or above celling.         Wire & conduit in or below floor slab or below grade.         Electrical connection required.         Motorized equipment connection.         Junction box.         Heavy duty disconnect switch.         S'-         Combination motor starter w/ heavy duty disconnect switch.         H, Horsepower rated toggle switch w/ thermal overloads. (46" mh).         ZZZ         Circuit breaker panel (flush mounted).         G' (16")         Phone/Data outlet (16"MH except where noted). Double gang box (Minimum depth of 2 1/8") with single gang reducer, Jacks, cover plate, and wiring.         If (16")         Phone/Data outlet (16"MH except where noted). Cover plate, and wiring.         If (16")         Phone/Data outlet (16"MH except where startest accessible celling. See	<sup>R1</sup> O <sup>\\</sup>	LIGHTING FIXTURE; CAPITAL LETTER DENOTES FIXTURE TIPE.	
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<ul> <li>C ELECTRICAL CONNECTION REQUIRED.</li> <li>MOTORIZED EQUIPMENT CONNECTION.</li> <li>JUNCTION BOX.</li> <li>HEAVY DUTY DISCONNECT SWITCH. 5'-0" TO TOP.</li> <li>COMBINATION MOTOR STARTER w/ HEAVY DUTY DISCONNECT SWITCH.</li> <li>H HORSEPOWER RATED TOGGLE SWITCH w/ THERMAL OVERLOADS. (46" MH).</li> <li>CIRCUIT BREAKER PANEL (SURFACE MOUNTED). 6'-0" TO TOP.</li> <li>CIRCUIT BREAKER PANEL (FLUSH MOUNTED). 6'-0" TO TOP.</li> <li>CIRCUIT BREAKER PANEL (FLUSH MOUNTED). 6'-0" TO TOP.</li> <li>✓ (16") PHONE/DATA OUTLET (16"MH EXCEPT WHERE NOTED). DOUBLE GANG BOX (MINIMUM DEPTH OF 2 1/8") WITH SINGLE GANG REDUCER, JACKS, COVER PLATE, AND WIRING.</li> <li>✓ (16") EXTEND A 1" BUSHED CONDUIT OUT ABOVE NEAREST ACCESSIBLE CEILING. SEE</li> </ul>			
MOTORIZED EQUIPMENT CONNECTION.         JUNCTION BOX.         Image: Heavy Duty Disconnect Switch. 5'-0" to top.         COMBINATION MOTOR STARTER w/ HEAVY DUTY DISCONNECT SWITCH.         Image: Heavy Disconnect Switch.<			
JUNCTION BOX.         Image: Heavy Duty Disconnect switch. 5'-0" to top.         COMBINATION MOTOR STARTER w/ HEAVY DUTY DISCONNECT SWITCH.         Image: Heavy Duty Disconnect switch.         Heavy Duty Disconnect switch.         SHEET TITLE         Heavy Duty Breaker Panel (Surface Mounted).         Gircuit Breaker Panel (Flush Mounted).         Depth of 2 1/8") with Single Gang Reducer, Jacks, cover Plate, and Wiring.         Gircuit An 1" Bushed Conduit out Above Nearest Accessible celling. See			
<ul> <li>HEAVY DUTY DISCONNECT SWITCH. 5'-0" TO TOP.</li> <li>COMBINATION MOTOR STARTER w/ HEAVY DUTY DISCONNECT SWITCH.</li> <li>HORSEPOWER RATED TOGGLE SWITCH w/ THERMAL OVERLOADS. (46" MH).</li> <li>CIRCUIT BREAKER PANEL (SURFACE MOUNTED). 6'-0" TO TOP.</li> <li>CIRCUIT BREAKER PANEL (FLUSH MOUNTED). 6'-0" TO TOP.</li> <li>✓ (16") PHONE/DATA OUTLET (16"MH EXCEPT WHERE NOTED). DOUBLE GANG BOX (MINIMUM DEPTH OF 2 1/8") WITH SINGLE GANG REDUCER, JACKS, COVER PLATE, AND WIRING. EXTEND A 1" BUSHED CONDUIT OUT ABOVE NEAREST ACCESSIBLE CEILING. SEE</li> </ul>	_		
Image: Combination motor starter w/ heavy duty disconnect switch.       SHEET TITLE         Image: H       Horsepower rated toggle switch w/ thermal overloads. (46" mH).         Image: Circuit Breaker panel (surface mounted). 6'-0" to top.       Circuit Breaker panel (flush mounted). 6'-0" to top.         Image: Circuit Breaker panel (flush mounted). 6'-0" to top.       Circuit Breaker panel (flush mounted). 6'-0" to top.         Image: Circuit Breaker panel (flush mounted). 6'-0" to top.       Circuit Breaker panel (flush mounted). 6'-0" to top.         Image: Circuit Breaker panel (flush mounted). 6'-0" to top.       Circuit Breaker panel (flush mounted). 6'-0" to top.         Image: Circuit Breaker panel (flush mounted). 6'-0" to top.       Circuit Breaker panel (flush mounted). bouble gang box (minimum Depth of 2 1/8") with single gang reducer, jacks, cover plate, and wiring.         Image: Circuit Breaker panel (flush mounted). Tout above nearest accessible ceiling. see	Ŭ		
H       HORSEPOWER RATED TOGGLE SWITCH w/ THERMAL OVERLOADS. (46" MH).         Image: Circuit BREAKER PANEL (SURFACE MOUNTED). 6'-0" TO TOP.         Image: Circuit BREAKER PANEL (FLUSH MOUNTED). 6'-0" TO TOP.         Image: Circuit BREAKER PANEL (FLUSH MOUNTED). 6'-0" TO TOP.         Image: Circuit BREAKER PANEL (FLUSH MOUNTED). 6'-0" TO TOP.         Image: Circuit BREAKER PANEL (FLUSH MOUNTED). 6'-0" TO TOP.         Image: Circuit BREAKER PANEL (FLUSH MOUNTED). 6'-0" TO TOP.         Image: Circuit BREAKER PANEL (FLUSH MOUNTED). 00UBLE GANG BOX (MINIMUM DEPTH OF 2 1/8") WITH SINGLE GANG REDUCER, JACKS, COVER PLATE, AND WIRING.         Image: Circuit BREAKER PANEL (FLUSH MOUNTED). OUT ABOVE NEAREST ACCESSIBLE CEILING. SEE	_		SHEET TITI F
<ul> <li>CIRCUIT BREAKER PANEL (SURFACE MOUNTED). 6'-0" TO TOP.</li> <li>CIRCUIT BREAKER PANEL (FLUSH MOUNTED). 6'-0" TO TOP.</li> <li>✓ (16") PHONE/DATA OUTLET (16"MH EXCEPT WHERE NOTED). DOUBLE GANG BOX (MINIMUM DEPTH OF 2 1/8") WITH SINGLE GANG REDUCER, JACKS, COVER PLATE, AND WIRING. EXTEND A 1" BUSHED CONDUIT OUT ABOVE NEAREST ACCESSIBLE CEILING. SEE</li> </ul>			
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