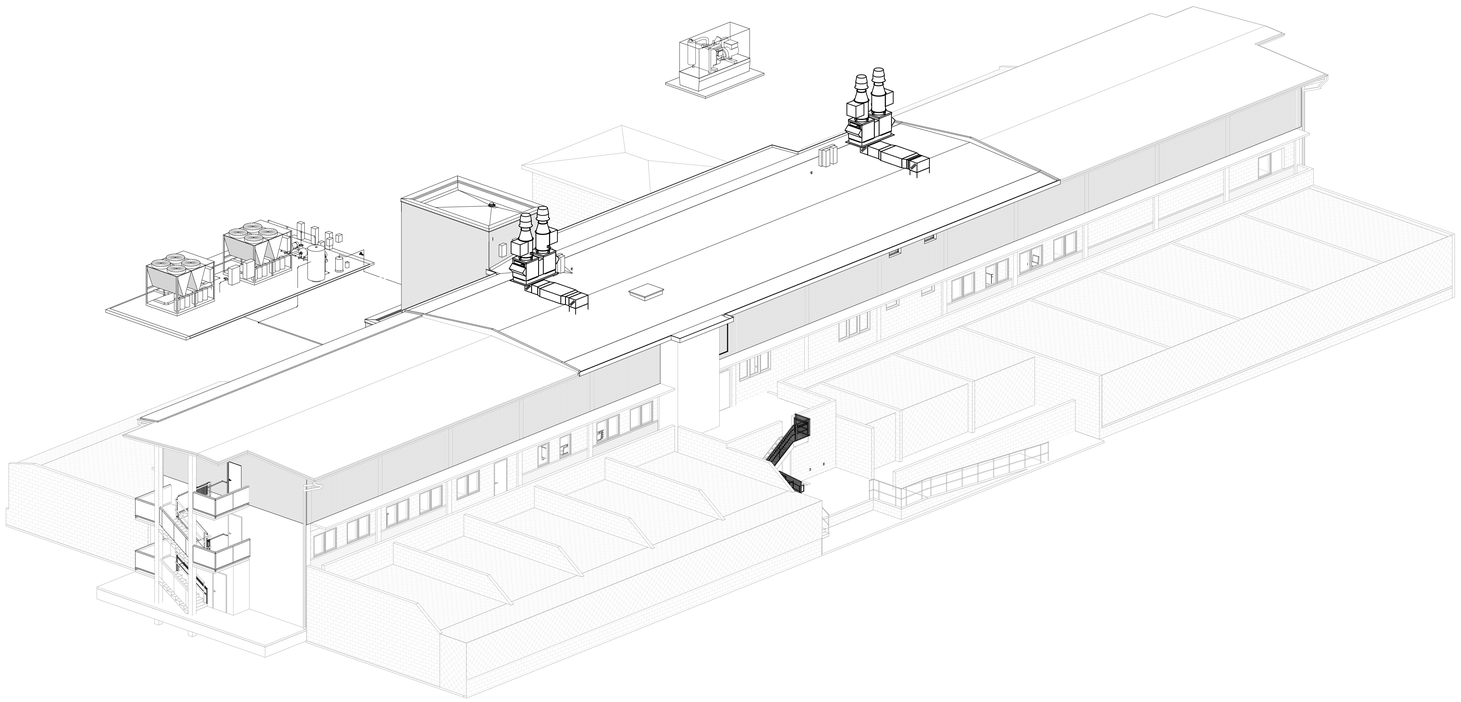

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THIRD FLOOR RENOVATION OF BLDG 29 LABORATORIES AT NEW IBERIA RESEARCH CENTER

CMA PROJECT NO. 2025.040

NIH GRANT NO. 1C06OD034041
100% BID SET
14 APRIL 2026

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REVISIONS

NO.	DESCRIPTION	DATE

THIRD FLOOR RENOVATION OF BLDG 29 LABORATORIES AT NIRC

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NEW IBERIA, LOUISIANA
70560

NORTH

COVER SHEET

PROJECT NUMBER 2025.040
DRAWN BY CC
DATE APRIL 14, 2026
CHECKED BY NM
PHASE 100% BID SET

NICHOLAS A. MARSHALL
LICENSED ARCHITECT

G-000

ABBREVIATIONS

A	
ABV.	ABOVE
ACT	ACOUSTICAL CEILING TILE
AFF	ABOVE FINISHED FLOOR
ALAV	ACCESSIBLE LAVATORY
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
ARCH	ARCHITECT(URAL)
AS	ACCESSIBLE SEAT
AU	ACCESSIBLE URINAL
AUTO	AUTOMATIC
AVG	AVERAGE
AWC	ACCESSIBLE WATER CLOSET
B	
BD	BOARD
BLDG	BUILDING
BLKG	BLOCKING
BU	BUILT UP
BYND	BEYOND
C	
CAB	CABINET
CEM	CEMENT(ITIOUS)
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CJ	CONTROL JOINT
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
CONC	CONCRETE
CONT	CONTINUOUS(ATION)
CPT	CARPET
CR	CURTAIN ROD
CT	CERAMIC TILE
D	
DBL	DOUBLE
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DIV	DIVISION
DN	DOWN
DR	DOOR
DWG	DRAWING
E	
EA	EACH
EDF	ELECTRIC DRINKING FOUNTAIN
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ENGR	ENGINEER(IED)
ENTR	ENTRANCE
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP	EXPOSED
EXT	EXTERIOR
F	
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FHC	FIRE HOSE CABINET
FLR	FLOOR(ING)
FURN	FURNITURE
G	
GB	GRAB BAR
GB1	GRAB BAR 36"
GB2	GRAB BAR 42"
GFCI	GOVERNMENT FURNISHED CONTRACTOR INSTALLED
GFGI	GOVERNMENT FURNISHED GOVERNMENT INSTALLED
GFOI	GOVERNMENT FURNISHED OWNER INSTALLED
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS
GYP	GYPSUM
H	
HD	HEAD
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HIGH POINT
HVAC	HEATING, VENTILATIING, AND AIR CONDITIONING
I	
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
J	
JAN	JANITOR
K	
KIT	KITCHEN
L	
LAV	LAVATORY
LB	POUND
LP	LOW POINT
LT	LIGHT
LVT	LUXURY VINYL TILE
M	
MAX	MAXIMUM
MECH	MECHANICAL
MFD	MANUFACTURED
MFR	MANUFACTURER
MI	MIRROR
MIN	MINIMUM
MISC	MISCELLANEOUS
MOIST	MOISTURE
MTD	MOUNTED
MTL	METAL
N	
NGVD	NATIONAL GEODETIC VERTICAL DATUM
NIC	NOT IN CONTRCT
NO	NUMBER
NTS	NOT TO SCALE
O	
OFB	OUTSIDE FACE OF BUILDING
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OPNG	OPENING(S)
OPP	OPPOSITE HAND
OPR	OPERABLE
ORD	OVERFLOW ROOF DRAIN
OVFL	OVERFLOW
OVHD	OVERHEAD
P	
PED	PEDESTRIAN
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLSTC	PLASTIC
PLYWD	PLYWOOD
PNL	PANEL
PORT	PORTABLE
PREFAB	PREFABRICATED
PTD	PAINTED
PTD	PAPER TOWEL DISPENSER
PTN	PARTITION
R	
RD	ROOF DRAIN
RDL	ROOF DRAIN LEADER
RE	REFER(ENCE)
RECESS	RECESSED
RECPT	RECEPTACLE
REF	REFRIGERATOR
REQ	REQUIRED
REV	REVERSE
RM	ROOM
RO	ROUGH OPENING
S	
SF	SQUARE FEET
SIM	SIMILAR
SNDC	SANITARY NAPKIN DISPOSAL CABINET
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SYS	SYSTEM(S)
T	
T&G	TOUNGUE AND GROOVE
TLT	TOILET
TPH	TOILET PAPER HOLDER
TRANS	TRANSPARENT
TRANSL	TRANSLUCENT
TRTD	TREATED
TYP	TYPICAL
U	
UNDRLAY	UNDERLAYMENT
UNO	UNLESS NOTED OTHERWISE
UTIL	UTILITY
V	
VCT	VINYL COMPOSITE TILE
VERT	VERTICAL
VIF	VERIFY IN FIELD
VOJ	VERIFY ON JOB
W	
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WN	WINDOW
WT	WEIGHT
WTRPRF	WATERPROOFING

GRAPHIC SYMBOL LEGEND

PLAN SYMBOLS

- NORTH DIRECTION
- EXISTING PARTITION
- EXISTING PARTITION TO BE DEMOLISHED
- 003 — NEW CONSTRUCTION PARTITION TYPE
- NEW 1/2-HOUR FIRE-RATED WALL
- NEW ONE-HOUR FIRE-RATED WALL
- NEW TWO-HOUR FIRE-RATED WALL
- 101 — DOOR TAG
- A — WINDOW TAG
- ? — MATERIAL TAG
- ELEVATION
- SIM / 1 / A101 — DETAIL NUMBER / SHEET NUMBER
- INTERIOR ELEVATION
- 1 / A101 — DETAIL NUMBER / SHEET NUMBER
- ENLARGED DETAIL
- SIM / 1 / A101 — DETAIL NUMBER / SHEET NUMBER
- BUILDING SECTION CUT
- 1 / A101 — DETAIL NUMBER / SHEET NUMBER
- WALL SECTION CUT
- 1 / A101 — DETAIL NUMBER / SHEET NUMBER
- 0 — COLUMN LINE NEW
- 0 — COLUMN GRID EXISTING
- ROOM NAME
- Room name / 101 / A 0 SF — ROOM NUMBER / SQUARE FOOTAGE / ROOM FINISH TYPE
- 9'-0" A.F.F. — CEILING HEIGHT
- AA — MATCHLINE SYMBOL
- REVISION REFERENCE NUMBER
- REVISION CLOUD DEPICTING AREA REVISED
- FE — FIRE EXTINGUISHER CABINET
- FINISH TRANSITION
- X'-X" / X'-X" — CLG HEIGHT CHANGE

GENERAL NOTES

1. ALL WORK PERFORMED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES HAVING JURISDICTION.
2. INSTALL MANUFACTURED ITEMS, MATERIALS, AND EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED SPECIFICATIONS, EXCEPT THE SPECIFICATIONS HEREIN, WHERE MORE STRINGENT, SHALL BE COMPLIED WITH.
3. CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, DIMENSIONS FOR ACCURACY AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION QUESTIONS, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH THE WORK IN QUESTION OR RELATED WORK.
4. EACH DESIGN PROFESSIONAL WILL BE THE PRIMARY SOURCE FOR INFORMATION REGARDING THAT DISCIPLINE (ARCH, STRUCT, MECH, ELEC, ETC.), HOWEVER IT WILL NOT BE THE ONLY SOURCE FOR COORDINATION OF DIMENSIONS, FIRE RESISTANCE, DESIGN, DETAILING AND FINISH APPEARANCE, COLOR OR TRIM FEATURES. THE CONTRACTOR IS RESPONSIBLE FOR REVIEW OF RELATED DESIGN DISCIPLINES AS THEY AFFECT COORDINATION.
5. PROVIDE NECESSARY SUPPORTS AND BLOCKING IN WALLS TO SUPPORT WORK ATTACHED TO THEM.
6. DO NOT SCALE DRAWINGS, USE FIGURED DIMENSIONS ONLY. CONTACT ARCHITECT WITH ANY CONFLICTS FOR RESOLUTION.
7. ALL REQUEST FOR SUBSTITUTION OF ALL ITEMS SPECIFIED SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND WILL BE CONSIDERED ONLY IF BETTER SERVICE FACILITIES OR MORE ADVANTAGEOUS DELIVERY DATE OR A LESS PRICE WITH CREDIT TO THE OWNER WILL BE PROVIDED WITHOUT SACRIFICING QUALITY, APPEARANCE, AND FUNCTION.
8. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL ITEMS AND EQUIPMENT, SHOP DRAWINGS SHALL INCLUDE DETAILED FABRICATION AND ERECTION DRAWING, SETTING DRAWINGS, DIAGRAMMATIC DRAWINGS AND MATERIAL SCHEDULES, LOCATION OF ORIENTATION OF ALL ITEMS SHALL BE CLEARLY INDICATED. FABRICATION SHALL BEGIN ONLY AFTER RECEIVING APPROVED SHOP DRAWINGS.
9. DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
10. CONTRACTOR SHALL SUBMIT A COMPLETE SET OF AS-BUILTS FOR ALL TRADES AT COMPLETION OF PROJECT.
11. ALL WOODWORK, BLOCKING, GROUNDS, ROUGH BUCKS, AND MISC. BLOCKING IS TO BE FIREPROOFED IN ACCORDANCE WITH ALL APPLICABLE CODES UNLESS NOTED OTHERWISE.
12. THE CONTRACTOR WILL PROVIDE ALL NECESSARY BARRICADES, SIGNAGE, REFLECTORS, LIGHTS, ETC. DURING CONSTRUCTION. PROPERLY IDENTIFY AREAS CLOSED TO THE PUBLIC.
13. THE CONTRACTOR(S) SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS.
14. CONTRACTOR SHALL VERIFY LOCATION OF ALL TRENCHING & EXCAVATION W/ ARCHITECT AND/OR RESPECTIVE ENGINEER PRIOR TO WORK.
15. MAINTAIN REQUIRED CLEARANCES AT DOORS TO MEET ADA REQUIREMENTS, RE: G-002.
16. THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES SERVICING SITE PRIOR TO COMMENCING CONSTRUCTION.

ARCHITECTURAL SHEET NUMBERING LEGEND

A-101.1

- DISCIPLINE
- DRAWING TYPE
- LEVEL (PLANS) / DRAWING NUMBER
- ADDITIONAL DRAWING

DESCRIPTION OF ALTERNATES

ALTERNATE #1: EXTERIOR ENVELOPE (EAST & WEST WINGS)
IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS, ADD ALL LABOR, MATERIALS, OVERHEAD, AND PROFIT NECESSARY TO COMPLETE THE FOLLOWING ITEMS:

ALTERNATE ITEM #1:
ALTERNATE NO. 1 - INCLUDE ALL SCOPES OF WORK ASSOCIATED WITH INSTALLATION OF NEW EXTERIOR METAL PANEL WALL SYSTEM AND NEW ROOF SYSTEM TO EXISTING SUBSTRATES AT EAST AND WEST WINGS AS NOTED ON DRAWINGS:

1. BASE BID: INCLUDE ALL SCOPES OF WORK NOTED ON DRAWINGS IN THE AREAS IDENTIFIED AS ALTERNATE NO. 1 AND DESCRIBED IN PROJECT MANUAL AS PART OF THE BASE BID.

2. ALTERNATE ITEM: INCLUDE ALL SCOPES OF WORK REQUIRED FOR INSTALLATION OF ALTERNATE EXTERIOR WALL FINISH SYSTEM OVER EXISTING CONSTRUCTION WITH ASSOCIATED COMPONENTS FOR A COMPLETE SYSTEM AND REMOVE EXISTING ROOF SYSTEM DOWN TO EXISTING ROOF DECK AND REPLACE WITH NEW ROOF SYSTEM COMPLETE WITH ASSOCIATED COMPONENTS FOR A COMPLETE SYSTEM AT AREAS IDENTIFIED AS ALTERNATE NO. 1.

SEE SHEETS (NOT LIMITED TO): A-201, A-321, A-443; REFERENCE SPECIFICATION SECTION 07 42 13 - METAL WALL PANELS

SEE SHEETS (NOT LIMITED TO): A-121, A-431, A-303 & A-322; REFERENCE SPECIFICATION SECTION 07 52 00 - MODIFIED BITUMINOUS MEMBRANE ROOFING

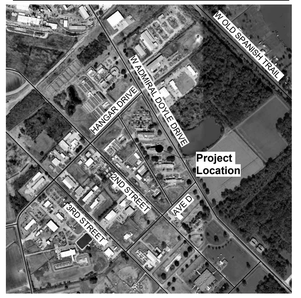
ALTERNATE #2: DEDUCT - SITEWORK
IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS, ADD ALL LABOR, MATERIALS, OVERHEAD, AND PROFIT NECESSARY TO COMPLETE THE FOLLOWING ITEMS:

ALTERNATE ITEM #1:
ALTERNATE NO. 2 - REMOVE ALL SCOPES OF WORK ASSOCIATED WITH SITE WORK AS NOTED ON DRAWINGS :

1. BASE BID: INCLUDE ALL SCOPES OF WORK ASSOCIATED WITH SITE WORK AS INDICATED ON DRAWINGS AND DESCRIBED IN THE PROJECT MANUAL AS PART OF BASE BID.

2. ALTERNATE ITEM: REMOVE ALL SCOPES OF WORK ASSOCIATED WITH SITE WORK AS INDICATED ON DRAWINGS AND DESCRIBED IN THE PROJECT MANUAL NOTED AS ALTERNATE NO. 2.

VICINITY MAP



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SCOPE OF WORK

1. THIS PROJECT CONSISTS OF THE RENOVATION / ADDITION TO A 3-STORY (F-2, SPECIAL-PURPOSE INDUSTRIAL - BSL 2 RESEARCH & TEACHING LABS) BUILDING.
2. INCLUDES CONSTRUCTION OF NEW (LOAD BEARING / NON LOAD BEARING) PARTITIONS, AND CONSTRUCTION / RELOCATION OF ELECTRICAL, MECHANICAL, AND PLUMBING SYSTEMS AS SHOWN ON THE DRAWINGS.
3. INCLUDES A NEW FREIGHT ELEVATOR TO SECOND & THIRD FLOORS AND LOADING DOCK ON THE FIRST FLOOR.
4. RE: A-001 - A-003 FOR CODE REVIEWS AND AREA CALCULATIONS.

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REVISIONS

NO.	DESCRIPTION	DATE

THIRD FLOOR RENOVATION OF BLDG 29 LABORATORIES AT NIRC

4401 W. ADMIRAL DOYLE DRIVE,
NEW IBERIA, LOUISIANA
70560

NORTH

INFORMATION SHEET

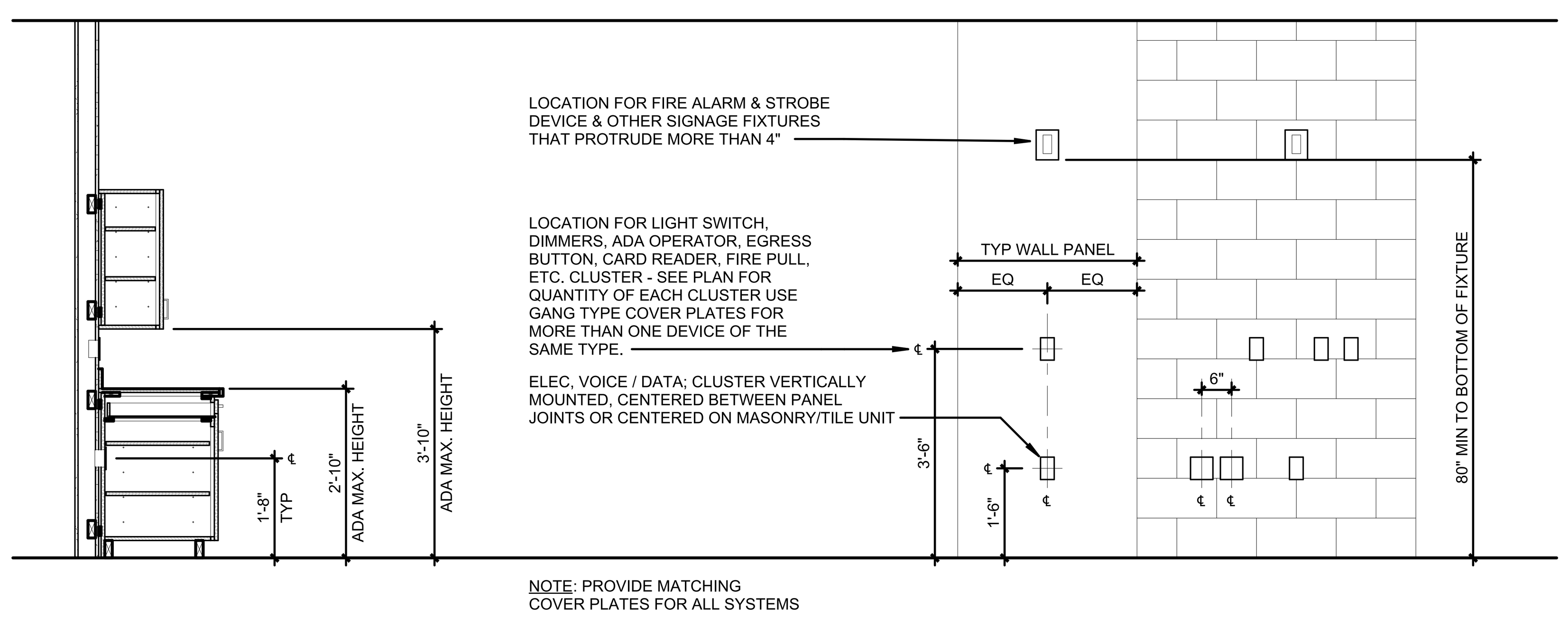
PROJECT NUMBER	DRAWN BY
2025.040	CC
DATE	CHECKED BY
APRIL 14, 2026	NM
PHASE	
100% BID SET	

NICHOLAS A. MARSHALL — LICENSED ARCHITECT

G-001

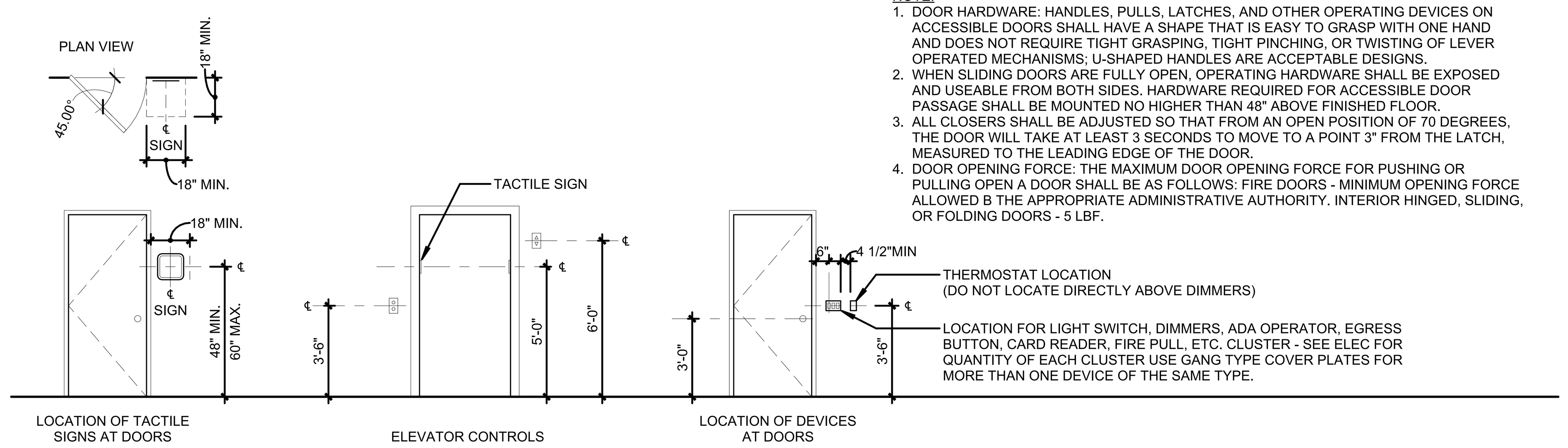
ACCESSIBILITY GENERAL NOTES

1. IN BUILDINGS, FACILITIES, FLOORS OF A GIVEN STORY SHALL BE A COMMON LEVEL THROUGHOUT, OR SHALL BE CONNECTED BY PEDESTRIAN RAMPS, PASSENGER ELEVATORS, OR SPECIAL ACCESS LIFTS.
2. FLOOR SURFACES SHALL BE SLIP-RESISTANT.
3. EVERY CORRIDOR AND AISLE SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL NOT BE LESS THAN 44" IN CLEAR WIDTH.
4. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2" IN HEIGHT. LEVEL CHANGES NOT EXCEEDING 1/4" MAY BE VERTICAL. BEVEL OTHERS WITH A SLOPE OF NOT GREATER THAN 1:2.
5. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC PARS, PUSH ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. MOUNT DOOR OPENING HARDWARE BETWEEN 30" AND 44" ABOVE THE FLOOR FINISH.
6. CENTER HAND ACTIVATED DOOR OPENING HARDWARE BETWEEN 30" AND 44" ABOVE FINISHED FLOOR.
7. MAXIMUM PULL OR PUSH EFFORT TO OPERATE DOORS SHALL NOT EXCEED 8.5 POUNDS FOR EXTERIOR DOORS, AND 5 POUNDS FOR INTERIOR DOORS, MEASURED AT RIGHT ANGLES TO HINGED DOORS AND AT CENTER PLAN OF SLIDING OR FOLDING DOORS. CORRESPONDING DEVICES OR AUTOMATIC DOOR OPENERS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. MAXIMUM EFFORT TO OPERATE REQUIRED FIRE DOORS MAY BE INCREASED NOT TO EXCEED 15 POUNDS.
8. THE BOTTOM 10" OF ALL DOORS, (EXCEPT SLIDING AND AUTOMATIC) SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED USING A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. PROVIDE A 10" KICK PLATE ON THE PUSH SIDE OF NARROW FRAME DOORS.
9. EVERY REQUIRED ENTRANCE OR PASSAGE DOORWAY SHALL BE NOT LESS THAN 3' IN WIDTH AND NOT LESS THAN 6'-8" IN HEIGHT. DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE MOUNTED SO THAT THE CLEAR WIDTH OF THE DOORWAY IS NOT LESS THAN 32".
10. WHERE A PAIR OF DOORS IS UTILIZED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32" WITH THE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
11. IDENTIFY ACCESSIBLE ENTRANCES WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS AS REQUIRED, VISIBLE FROM APPROACHING PEDESTRIAN WAYS.
12. THE FLOOR OR LANDING ON EACH SIDE OF AN ENTRANCE OR PASSAGE DOOR SHALL BE LEVEL AND CLEAR. THE LEVEL AND CLEAR AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF 44" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION.
13. FLOORS OR LANDINGS SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED, WITH A SLOPE NO GREATER THAN 1:2.
14. TO ALERT THE VISUALLY IMPAIRED, MARK THE UPPER APPROACH AND THE LOWER TREAD OF EACH INTERIOR STAIR WITH A STRIP OF CLEARLY CONTRASTING COLOR AT LEAST 2" WIDE, PLACED PARALLEL TO AND NOT MORE THAN 1" FROM THE NOSE OF THE STEP OR LANDING. THE STRIP SHALL BE OF A MATERIAL THAT IS AS LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR.
15. CENTER ELECTRICAL RECEPTACLES NOT MORE THAN 18" ABOVE THE FLOOR OR WORKING PLATFORM.



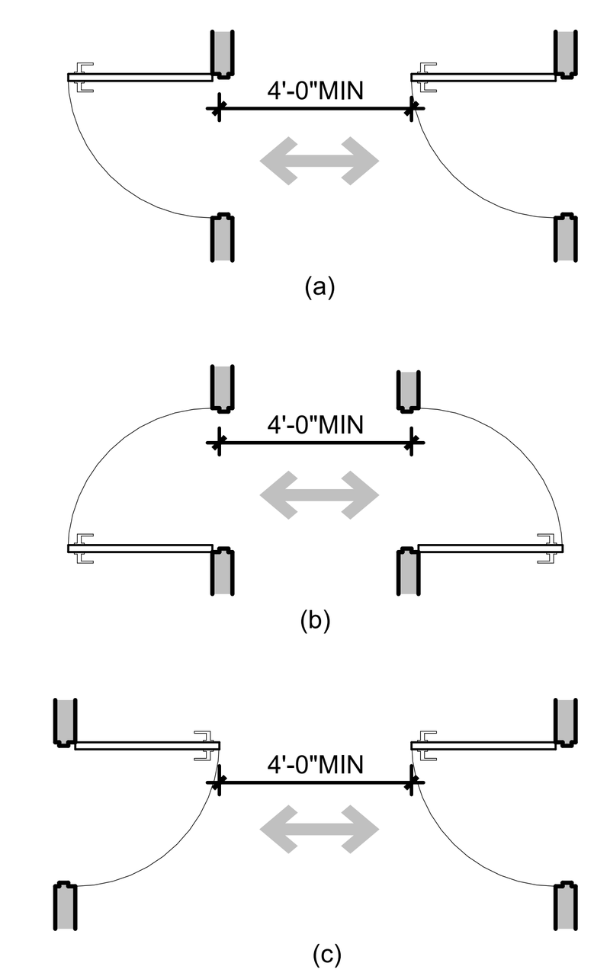
MOUNTING HEIGHTS - DEVICE 5
1/2" = 1'-0"

NOTE:
1. DOOR HARDWARE: HANDLES, PULLS, LATCHES, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF LEVER OPERATED MECHANISMS; U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS.
2. WHEN SLIDING DOORS ARE FULLY OPEN, OPERATING HARDWARE SHALL BE EXPOSED AND USEABLE FROM BOTH SIDES. HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48" ABOVE FINISHED FLOOR.
3. ALL CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
4. DOOR OPENING FORCE: THE MAXIMUM DOOR OPENING FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE AS FOLLOWS: FIRE DOORS - MINIMUM OPENING FORCE ALLOWED B THE APPROPRIATE ADMINISTRATIVE AUTHORITY. INTERIOR HINGED, SLIDING, OR FOLDING DOORS - 5 LBF.



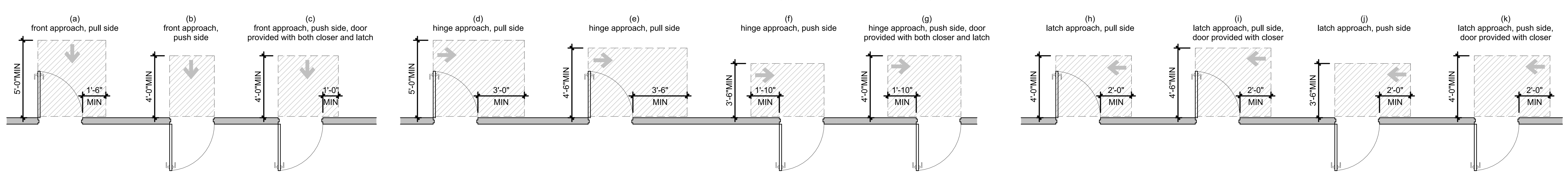
MOUNTING HEIGHTS - DOOR SIGNAGE 4
1/4" = 1'-0"

ADA 2010 STANDARDS - Figure 404.2.6
Doors in Series and Gates in Series

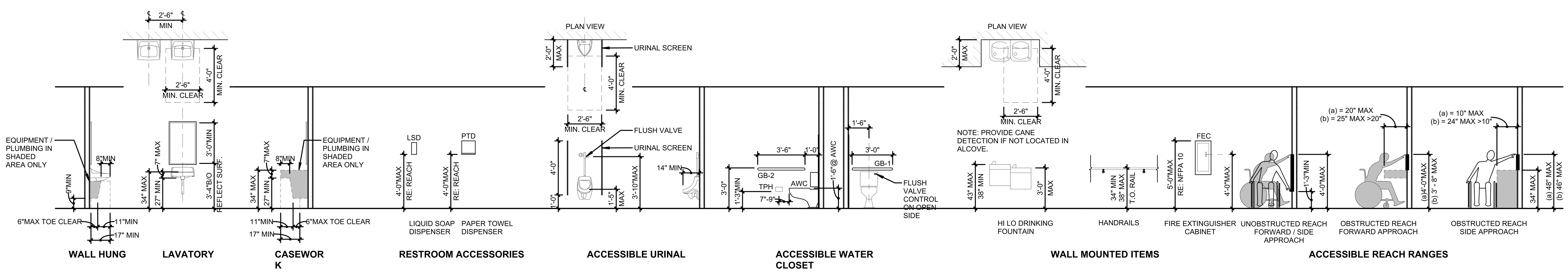


ADA - DOOR IN SERIES 3
1/4" = 1'-0"

ADA 2010 STANDARDS - Figure 404.2.4.1 - Maneuvering Clearance at Manual Swinging Doors and Gates



ADA - DOOR CLEARANCES 2
1/4" = 1'-0"



MOUNTING HEIGHTS - FIXTURE & ACCESSORY 1
1/4" = 1'-0"

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REVISIONS

NO.	DESCRIPTION	DATE

THIRD FLOOR RENOVATION OF BLDG 29 LABORATORIES AT NIRC

4401 W. ADMIRAL DOYLE DRIVE,
NEW IBERIA, LOUISIANA
70560

ACCESSIBILITY DETAILS

NORTH

PROJECT NUMBER	DRAWN BY
2025.040	CC
DATE	CHECKED BY
APRIL 14, 2026	NM
PHASE	
100% BID SET	

G-002

NOTES:

1. TOPOGRAPHIC SURVEY DATA WAS COLLECTED BY RONKARTZ–OESTRIECHER IN AUGUST OF 2024.
2. HORIZONTAL DATUM AND DISTANCES ARE REFERENCED TO LOUISIANA STATE PLANE, NAD83, LOUISIANA SOUTH ZONE (1702), U.S. SURVEY FEET.
3. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), U.S. SURVEY FEET (GEOID 12B).
4. ALL AREAS TO BE IMPROVED SHOULD BE REMOVED OF VEGETATION AND ROOTBALLS TO AN EXPECTED DEPTH OF ±6".
5. EXISTING LIMESTONE PARKING AREAS AND DRIVES INDICATED TO BE RESURFACED SHALL BE STRIPPED OF VEGETATION, GRADED TO DRAIN AWAY FROM THE BUILDING AND TOWARD THE EXISTING SWALE NORTH OF THE PARKING AREA, COMPACTED TO 95% STANDARD PROCTOR, AND RE–SURFACED WITH 610 CRUSHED LIMESTONE. WEAK AREAS AND/OR AREAS HOLDING WATER SHOULD BE OVER–EXCAVATED TO REACH A SUB–GRADE SUITABLE FOR BACKFILL IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

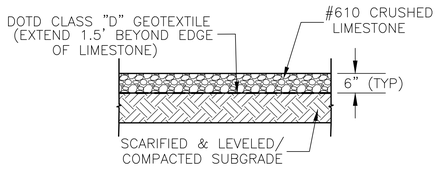
LEGEND:

CONCRETE PAVING (7" THICK)

CONCRETE WALKS (5" THICK)

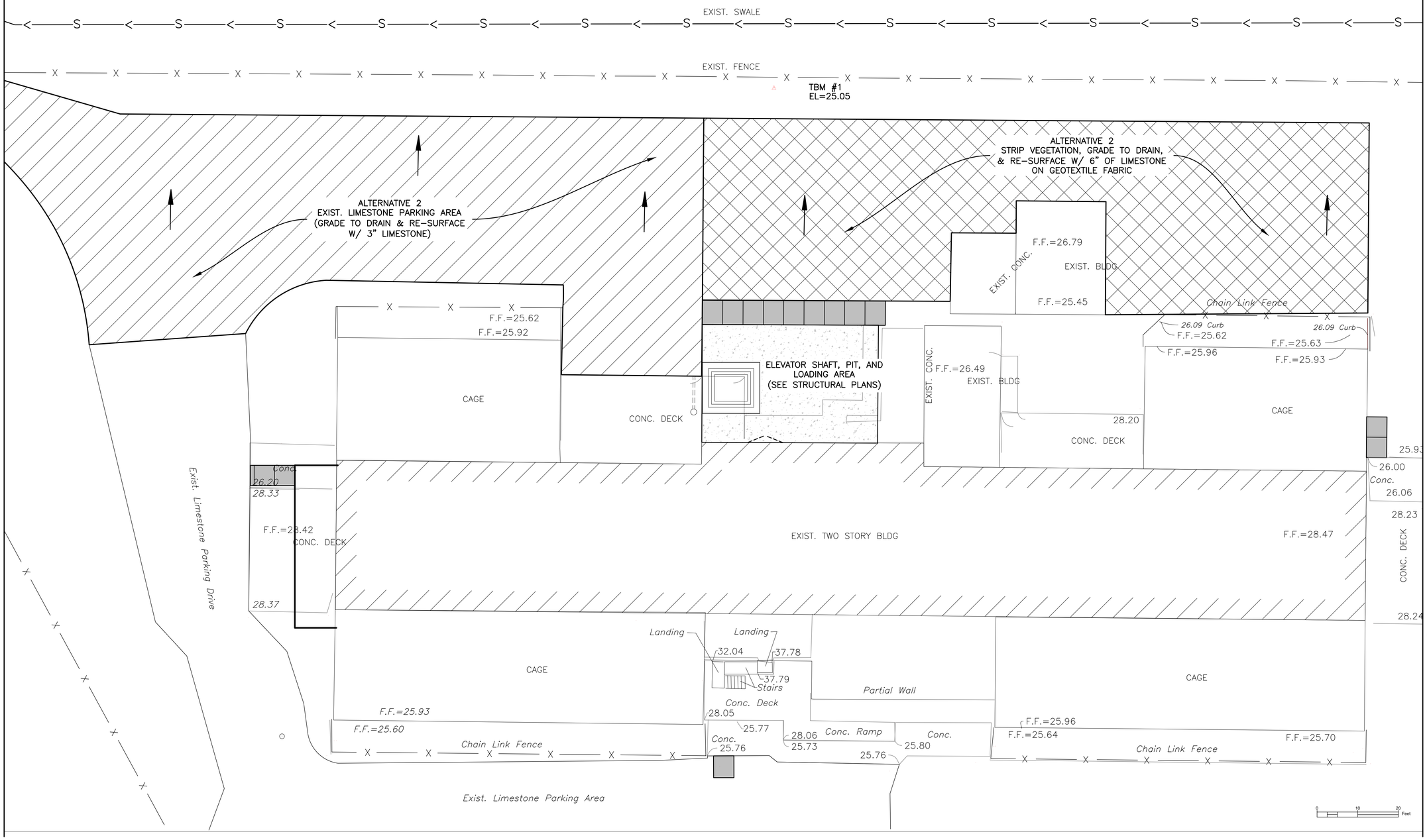
GRADE/LIMESTONE (3" THICK)

GRADE/LIMESTONE (6" THICK)



TYPICAL CRUSHED LIMESTONE PAVING DETAIL

N.T.S.



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REVISIONS

NO.	DESCRIPTION	DATE

THIRD FLOOR RENOVATION OF BLDG 29 LABORATORIES AT NIRC

4401 W. ADMIRAL DOYLE DRIVE,
NEW IBERIA, LOUISIANA
70560

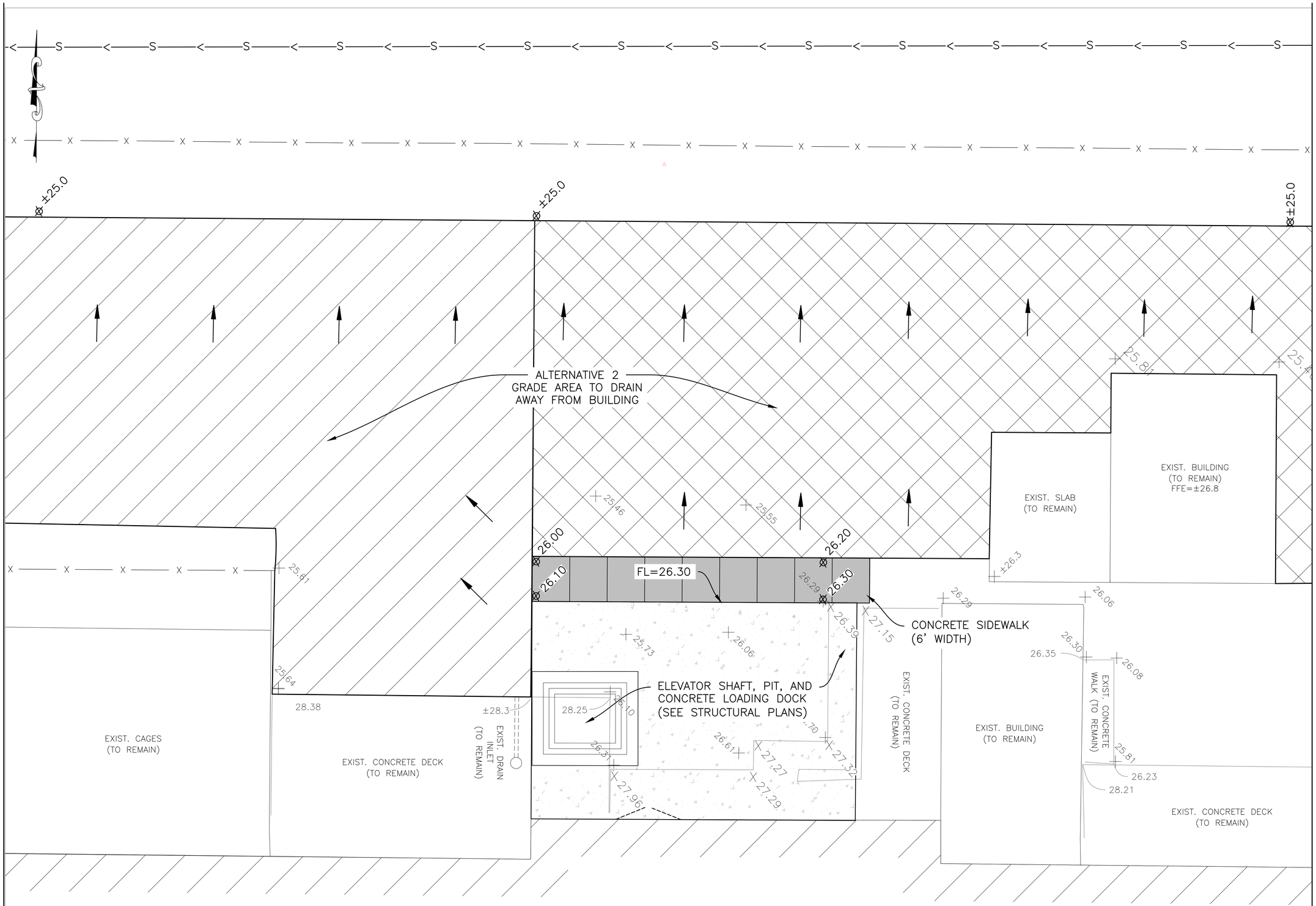
SITE PLAN

NORTH

PROJECT NUMBER: 24-125
DRAWN BY: LCR
DATE: APRIL 14, 2026
CHECKED BY: LCR
PHASE: CONSTRUCTION DOCUMENTS

STATE OF LOUISIANA
LANCE C. ROBICHAUX
License No. 44480
PROFESSIONAL ENGINEER
4/14/2026

C-1



LEGEND:

- CONCRETE PAVING (7" THICK)
- CONCRETE WALKS (5" THICK)
- GRADE/LIMESTONE (3" THICK)
- GRADE/LIMESTONE (6" THICK)

*NOTE: SEE SHEET C-3 FOR TYPICAL JOINT DETAILS AND NOTES FOR CONCRETE PAVING.

0 5 10 Feet

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REVISIONS

NO.	DESCRIPTION	DATE

THIRD FLOOR RENOVATION OF BLDG 29 LABORATORIES AT NIRC

4401 W. ADMIRAL DOYLE DRIVE,
NEW IBERIA, LOUISIANA
70560

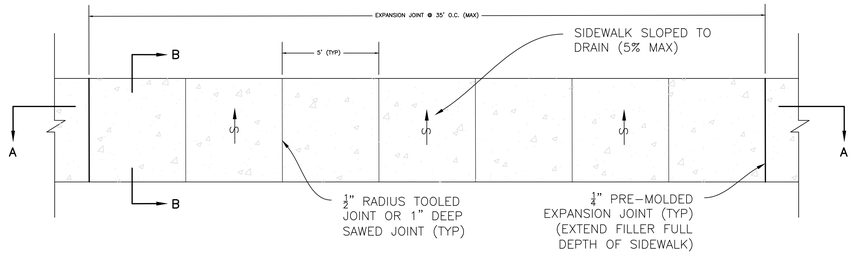
SITE PLAN (NORTH)

NORTH

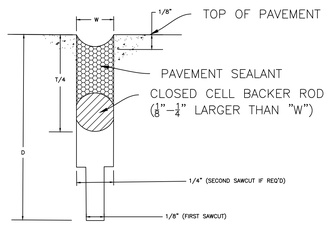
PROJECT NUMBER 24-125
DRAWN BY LCR
DATE APRIL 14, 2026
CHECKED BY LCR
PHASE CONSTRUCTION DOCUMENTS

STATE OF LOUISIANA
LANCE C. ROBICHAUX
License No. 44480
PROFESSIONAL ENGINEER
4/14/2026

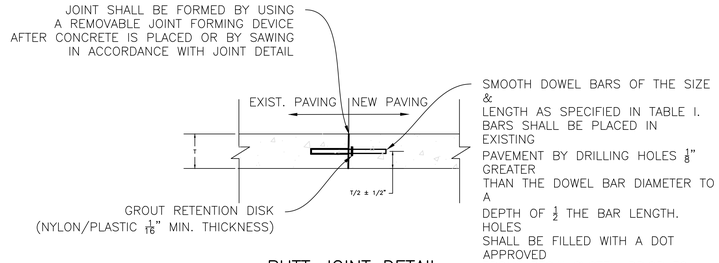
C-2



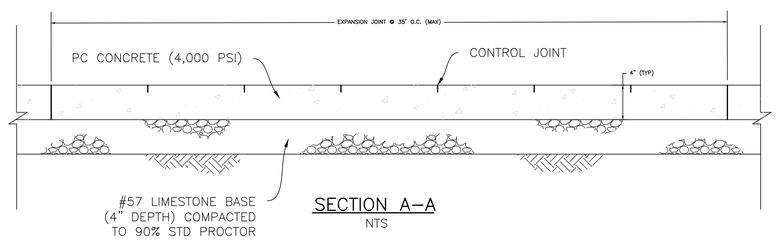
TYPICAL CONCRETE SIDEWALK – PLAN VIEW
NTS



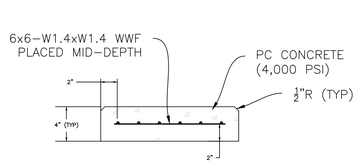
JOINT DETAIL
NTS



BUTT JOINT DETAIL
NTS



SECTION A–A
NTS



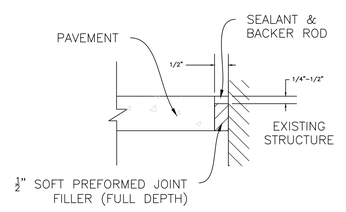
SECTION B–B
NTS

CONCRETE PAVING NOTES:

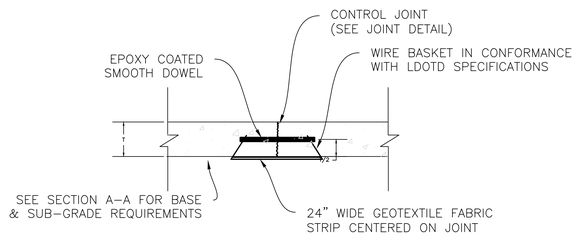
1. ALL SIDEWALKS ADJACENT TO EXISTING OR PROPOSED BUILDINGS SHALL BE DOWELED TO THE EXISTING BUILDING SLAB IN ACCORDANCE WITH THE PROVIDED DETAILS AND TABLE 1 ON THIS SHEET.
2. PROVIDE ½" EXPANSION JOINT BETWEEN SIDEWALKS AND ALL FIXED OBJECTS.
3. ALL SIDEWALK JOINTS AND JOINTS ADJACENT TO THE BUILDING SHALL BE SEALED WITH A URETHANE SELF LEVELING SEALANT, SONNEBORNE, SLI (COLOR GRAY).
4. THE MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND THE CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS UNLESS OTHERWISE NOTED.
5. JOINTS SHALL BE SAWCUT AS SOON AS THE CONCRETE HAS SUFFICIENT STRENGTH TO SUPPORT THE SAWING EQUIPMENT AND TEARING OF CONCRETE DOES NOT OCCUR.
6. GEOTEXTILE FABRIC SHALL BE MADE OF NON–WOVEN POLYPROPYLENE FIBERS RESISTANT TO CHEMICAL CORROSION, MILDEW, AND ROT. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A GEOTEXTILE SUBMITTAL FOR APPROVAL PRIOR TO CONSTRUCTION.
7. DOWELS SHALL NOT BE PLACED CLOSER THAN 12" TO A JOINT INTERSECTION.
8. CONSTRUCT ALL JOINTS STRAIGHT WITH FACE PERPENDICULAR TO CONCRETE SURFACE.
9. VERTICAL SURFACE DISCONTINUITIES ALONG SIDEWALK SHALL BE ½" MAXIMUM. DISCONTINUITIES BETWEEN ¼" AND ½" SHALL BE BEVELED AT A 1:2 MAXIMUM SLOPE.
10. PLACE CONSTRUCTION JOINTS AT END OF PLACEMENTS AND AT LOCATIONS WHERE PLACEMENT OPERATIONS ARE STOPPED FOR A PERIOD OF TIME GREATER THAN ½ HOUR, EXCEPT WHERE SUCH PLACEMENTS TERMINATE AT EXPANSION JOINTS.
11. CONCRETE JOINTS: ENSURE JOINTS ARE CLEAN AND DRY PRIOR TO THE APPLICATION OF JOINT SEALANT; INSTALL CLOSED CELL BACKER ROD AT A CONSISTENT DEPTH AFTER JOINTS HAVE BEEN CLEANED & DRIED IN ACCORDANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS. JOINT SEALANT APPLICATION SHALL WAIT AS LONG AS FEASIBLE TO ALLOW SHRINKAGE TO OCCUR AND SHALL BE IN STRICT COMPLIANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.

SITE PREPARATION AND GRADING NOTES:

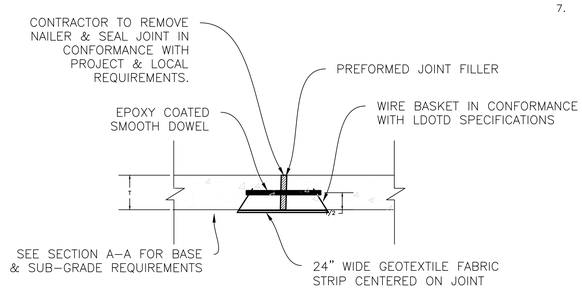
1. PROPOSED ELEVATIONS SHOWN INDICATE FINAL GRADES (TOP OF PAVEMENT). ALL ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), U.S. SURVEY FEET (GEOID 12B).
2. PROJECT AREA TO BE STRIPPED OF TOP SOIL TO DEPTH AS INDICATED BY SOIL ENGINEER (±6"). TOP SOIL, RUBBISH, DEBRIS, AND OTHER OBJECTIONABLE MATERIAL TO BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.
3. CONTRACTOR TO REMOVE ALL TREES & SHRUBS INDICATED TO BE REMOVED. REMOVE STUMPS, MAIN ROOT BALL, AND ROOT SYSTEMS TO 24–INCHES (MIN.) BELOW EXISTING GRADE.
4. PRIOR TO PLACEMENT OF FILL, THE SURFACE AREA SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOP SOIL. FILL SURFACE SHALL BE PROOF–ROLLED AND THE TOP 6–INCHES SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY PER ASTM D698.
5. CONTRACTOR SHALL CUT AND FILL AS REQUIRED IN 8" COMPACTED LIFTS TO OBTAIN FINISHED ELEVATIONS SHOWN ON PLANS. COMPACT SELECT BACKFILL MATERIAL TO 95% STANDARD PROCTOR DENSITY AS PER ASTM D–698 AND IN CONFORMANCE WITH SOILS REPORT REQUIREMENTS. MAXIMUM SIDE SLOPES TO BE 3:1. SLOPE BETWEEN FINISHED GRADES SHALL BE UNIFORM.
6. EMBANKMENT SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING 8–INCHES AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698. THE MOISTURE CONTENT FOR COMPACTION OF SITE FILL SHALL BE AS DETERMINED BY THE SOIL ENGINEER.
7. MAXIMUM CROSS SLOPES FOR SIDEWALKS AND A.D.A. ACCESS ROUTES SHALL NOT EXCEED 2.0%. RAMP SLOPES SHALL NOT EXCEED 1–INCH PER FOOT (8.33%). MAXIMUM SLOPES FOR HANDICAP PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2.0% IN ANY DIRECTION.



ISOLATION JOINT DETAIL
NTS



CONTROL JOINT DETAIL
NTS



EXPANSION JOINT DETAIL
NTS

TABLE 1

PAVEMENT THICKNESS	SMOOTH DOWEL BARS			MIN. JOINT DEPTH
"T" (IN)	SIZE/DIAMETER (IN)	LENGTH (IN)	SPACING (IN)	"D" (IN)
4–5"	1/2"	12"	18"	1 1/2"
6"	3/4"	14"	12"	1 3/4"
7"	1"	16"	12"	2"
8"	1 1/4"	18"	12"	3"
9"	1 1/4"	18"	12"	3"
10"	1 1/4"	18"	12"	1 1/2"

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REVISIONS

NO.	DESCRIPTION	DATE

THIRD FLOOR RENOVATION OF BLDG 29 LABORATORIES AT NIRC

4401 W. ADMIRAL DOYLE DRIVE,
NEW IBERIA, LOUISIANA
70560

DETAILS

NORTH
N

STATE OF LOUISIANA
LANCE C. ROBICHAUX
License No. 44480
PROFESSIONAL ENGINEER
4/14/2026

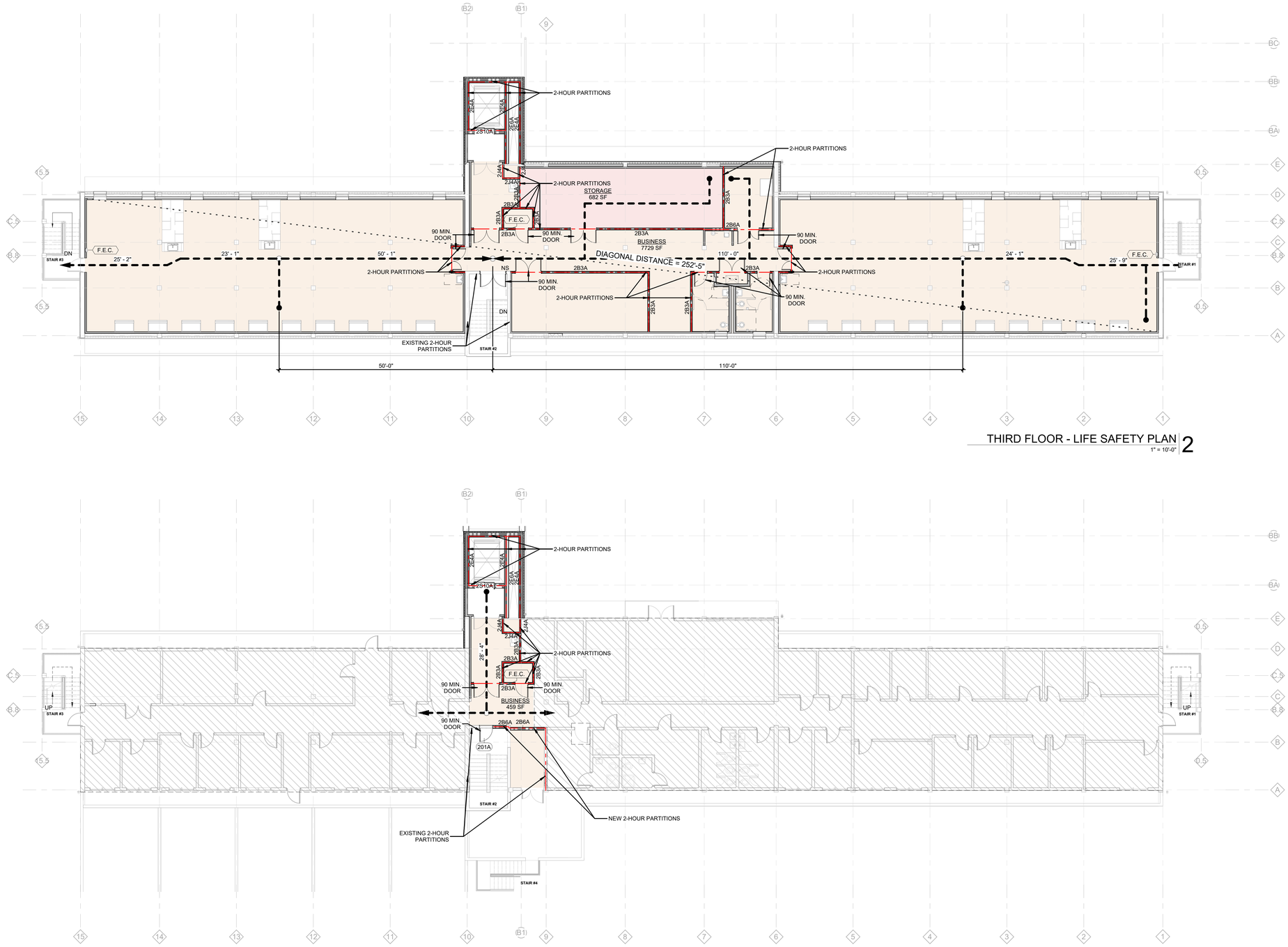
PROJECT NUMBER 24-125
DRAWN BY LCR
DATE APRIL 14, 2026
CHECKED BY LCR
PHASE CONSTRUCTION DOCUMENTS

C-3

AREA CALCULATIONS LEGEND

BUSINESS

STORAGE



THIRD FLOOR - LIFE SAFETY PLAN 2
1" = 10'-0"

SECOND FLOOR - LIFE SAFETY PLAN 1
1" = 10'-0"

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NEW ORLEANS, LA 70118

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REGULATORY AGENCIES

FIRE PROTECTION AND LIFE SAFETY REVIEW:
LOUISIANA STATE FIRE MARSHAL
lasfm.louisiana.gov
8181 INDEPENDENCE BLVD
BATON ROUGE, LA 70806
(225) 925-4911

REFERENCED BUILDING CODES

BUILDING CODES: (NOT LIMITED TO THE FOLLOWING).

- 2021 INTERNATIONAL BUILDING CODE (IBC)
- 2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
- 2021 INTERNATIONAL MECHANICAL CODE (IMC)
- 2021 INTERNATIONAL PLUMBING CODE (IPC)
- 2021 INTERNATIONAL FUEL GAS CODE (IFGC)
- 2020 NATIONAL ELECTRIC CODE (NEC)
- 2015 LIFE SAFETY CODE (NFPA 101)
- 2010 AMERICANS WITH DISABILITIES ACT - ARCHITECTURAL BARRIERS ACT (ADA)
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

LIFE SAFETY PLAN LEGEND

POINT OF ORGIN
DECISION POINT
COMMON PATH OF TRAVEL
EXIT ACCESS TRAVEL DISTANCE

EGRESS ROUTE

EXIT ACCESS CONFIGURATION

EXISTING PARTITION

NEW PARTITION

003
NEW CONSTRUCTION PARTITION TYPE DESIGNATION

1-HOUR RATED NEW PARTITION

2-HOUR RATED NEW PARTITION

EXISTING AREA NOT INCLUDED IN SCOPE

FUTURE BUILD-OUT AREA

OCCUPANCY SCHEDULE

LIFE SAFETY - OCCUPANCY SCHEDULE			
OCCUPANCY	AREA	LOAD FACTOR	OCCUPANT LOAD
2ND FLOOR			
BUSINESS	459 SF	100 SF	4.6
3RD FLOOR.			
BUSINESS	7729 SF	100 SF	77.3
STORAGE	682 SF	500 SF	1.4
GRAND TOTAL	8871 SF		83.2

REVISIONS

NO.	DESCRIPTION	DATE

THIRD FLOOR RENOVATION OF BLDG 29 LABORATORIES AT NIRC

4401 W. ADMIRAL DOYLE DRIVE,
NEW IBERIA, LOUISIANA
70560

LIFE SAFETY PLAN

NORTH

PROJECT NUMBER 2025.040
DRAWN BY CC
DATE APRIL 14, 2026
CHECKED BY NM
PHASE 100% BID SET

NICHOLAS A. MARSHALL REGISTERED ARCHITECT

A-003

Project Info

Project Name	Jurisdiction	Code Year	Export Date	Description
NIRC29	Louisiana	2023	3/4/2026	NIRC 29 Research Laboratory

Building Data

Story	Name	Occupancy Group	Function of Space	Designed Area (gross)	Area Per Story
1	Lab West	B	Business areas	2,600 $ft.^2$	7,755 $ft.^2$
	Lab East	B	Business areas	2,600 $ft.^2$	
	Freezer Storage	S-2	Business areas	650 $ft.^2$	
	Chem Lab	B	Business areas	160 $ft.^2$	
	Restrooms	B	Business areas	105 $ft.^2$	
	Mechanical	B	Business areas	280 $ft.^2$	
	Corridor 1	B	Business areas	850 $ft.^2$	
	Stairway 1	B	Business areas	170 $ft.^2$	
	Stairway 2	B	Business areas	170 $ft.^2$	
	Stairway 3	B	Business areas	170 $ft.^2$	
				Total Gross Area:	7,755 $ft.^2$

Sprinkler type	Type of Construction	Occupancy Separation	High-Rise
Not Sprinklered	IIA	Separated Occupancies	No

Height / Areas

Building Area

Separated Mixed Occupancy

Story	Occupancy Group	Designed Area	Allowed Area (Aa)
1	B	7,105 $ft.^2$	65,625 $ft.^2$
	S-2	650 $ft.^2$	68,250 $ft.^2$

Factor Increase was determined by interpolation
Refer to Table 508.4 for separation requirements in order for buildings / portions of buildings to be considered as separate occupancies.

Building Height in Feet

Separated Mixed Occupancy

Occupancy Group	Highest Elevation Above Grade Plane Occupancy Appears On
B	9.0 ft.
S-2	9.0 ft.

Average Roof Surface Height Above Grade Plane	Highest Allowable Elevation Above Grade Plane
40.0 ft.	65 ft.

Elevations shown are to top of story height for that occupancy group.

Building Height in Stories

Separated Mixed Occupancy

Occupancy Group	Highest Story Above Grade Plane Occupancy Appears On	Highest Allowable Story Above Grade Plane
B	1	5
S-2	1	5

Egress

Occupant Loads

Building Code

Story	Name	Occupancy Group	Function of Space	Designed Area (gross)	Designed Area (net)	OLF	Occupant Load
1	Lab West	B	Business areas	2,600 $ft.^2$	-	150	18
	Lab East	B	Business areas	2,600 $ft.^2$	-	150	18
	Freezer Storage	S-2	Business areas	650 $ft.^2$	-	150	5
	Chem Lab	B	Business areas	160 $ft.^2$	-	150	2
	Restrooms	B	Business areas	105 $ft.^2$	-	150	1
	Mechanical	B	Business areas	280 $ft.^2$	-	150	2
	Corridor 1	B	Business areas	850 $ft.^2$	-	150	6
	Stairway 1	B	Business areas	170 $ft.^2$	-	150	2
	Stairway 2	B	Business areas	170 $ft.^2$	-	150	2
	Stairway 3	B	Business areas	170 $ft.^2$	-	150	2

Life Safety Code

Story	Name	Occupancy Classification	Function of Space	Designed Area (gross)	Designed Area (net)	OLF	Occupant Load
1	Lab West	Business	Business use	2,600 $ft.^2$	-	100	26
	Lab East	Business	Business use	2,600 $ft.^2$	-	100	26
	Freezer Storage	Business	Business use	650 $ft.^2$	-	100	7
	Chem Lab	Business	Business use	160 $ft.^2$	-	100	2
	Restrooms	Business	Business use	105 $ft.^2$	-	100	2
	Mechanical	Business	Business use	280 $ft.^2$	-	100	3
	Corridor 1	Business	Business use	850 $ft.^2$	-	100	9
	Stairway 1	Business	Business use	170 $ft.^2$	-	100	2
	Stairway 2	Business	Business use	170 $ft.^2$	-	100	2
	Stairway 3	Business	Business use	170 $ft.^2$	-	100	2

Min. Exits or Exit Access Doorways per Space

More than one exit or exit access doorway must be provided if the space occupant load or maximum common path of egress travel distance are exceeded. More may be required under high occupant load or other special conditions (see notes below).

Building Code

Story	Space Name	Occupancy Group	Function of Space	Cum. Occupant Load of Space	Max Single Exit Cumulative Load of Space	Min. Number of Exits per Space	Max. Common Path of Egress Allowed for Single Exit
1	Lab West	B	Business areas	18	49	1	100 ft.
	Lab East	B	Business areas	18	49	1	100 ft.
	Freezer Storage	S-2	Business areas	5	29	1	100 ft.
	Chem Lab	B	Business areas	2	49	1	100 ft.
	Restrooms	B	Business areas	1	49	1	100 ft.
	Mechanical	B	Business areas	2	49	1	100 ft.

Min. Exits per Story

Building Code

Story	Total Occupancy Load by Story	Minimum Number of Exits or Exit Accesses	Max Exit Access Travel Distance for Single Exit
1	58	2	n/a

In addition to single exit eligibility shown above, one exit may be permitted where all spaces are permitted to have one exit or access to a single exit and the exit discharges directly to the exterior at the level of exit discharge

Max. Exit Access Travel Distance

Maximum exit access travel distance serving each space should be at a maximum the values below for each occupancy group.

Building Code

Occupancy Group	Max Exit Access Travel Distance
B	200 ft.
S-2	300 ft.

Life Safety Code

Occupancy Classification	Use Case	Distance From Furthest Point To Exit	Distance From Furthest Point To Exit Access Or Corridor Door	Distance From Corridor Door To Exit	Distance From Corridor Door To Exit (Exterior Route)	Reference Section
Business	-	200 ft.	-	-	-	39.2.6
Business	-	200 ft.	-	-	-	39.2.6
Business	-	200 ft.	-	-	-	39.2.6
Business	-	200 ft.	-	-	-	39.2.6
Business	-	200 ft.	-	-	-	39.2.6
Business	-	200 ft.	-	-	-	39.2.6
Business	-	200 ft.	-	-	-	39.2.6
Business	-	200 ft.	-	-	-	39.2.6
Business	-	200 ft.	-	-	-	39.2.6
Business	-	200 ft.	-	-	-	39.2.6

Max. Dead-End Corridor Length

Dead-end corridors within each occupancy group should be at a maximum the length given below.

Building Code

Occupancy Group	Max Dead-end Corridor Distance
B and S-2	20 ft.

Life Safety Code

Occupancy Classification	Max Dead-end Corridor Distance (new)	Max Dead-end Corridor Distance (existing)
Business	20	50 ft.
Business	20	50 ft.
Business	20	50 ft.
Business	20	50 ft.
Business	20	50 ft.
Business	20	50 ft.
Business	20	50 ft.
Business	20	50 ft.
Business	20	50 ft.
Business	20	50 ft.

Dead-end corridor length limits only apply where more than one exit or exit access doorway is required
Dead-end corridor length is not limited where the length of the dead-end corridor is less than 2.5 times of its least width

Min. Corridor Width

Building Code

Story	Corridor	Occupancy Groups Served	Cum. Occupant Load	Capacity Factor	Min. Design Corridor Width
1	Corridor 1	B	6	0.2	36" PRESCRIPTIVE

Life Safety Code

Story	Corridor	Occupancy Classifications Served	Cum. Occupant Load	Capacity Factor	Min. Design Corridor Width
1	Corridor 1	Business	6	0.2	44" PRESCRIPTIVE

The minimum width of corridors shall be unobstructed except where allowed by Section 1005.7 . Fully opened doors shall not reduce the required width by more than 7 inches, and in no position may reduce the required width by more than one-half.
The corridor capacity shall be not less than the required capacity of the exit to which the corridor leads.

CHASE MARSHALL

A PROFESSIONAL ARCHITECTURAL CORPORATION

LAFAYETTE
1720 KALISTE SALOOM ROAD
SUITE B3 | LAFAYETTE, LA 70508

NEW ORLEANS
7222 SPRUCE STREET
NEW ORLEANS, LA 70118

| 337.326.4470 | CHASEMARSHALL.COM |

REGULATORY AGENCIES

FIRE PROTECTION AND LIFE SAFETY REVIEW:
LOUISIANA STATE FIRE MARSHAL
lasfm.louisiana.gov
8181 INDEPENDENCE BLVD
BATON ROUGE, LA 70806
(225) 925-4911

REFERENCED BUILDING CODES

BUILDING CODES: (NOT LIMITED TO THE FOLLOWING).

- 2021 INTERNATIONAL BUILDING CODE (IBC)
- 2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
- 2021 INTERNATIONAL MECHANICAL CODE (IMC)
- 2021 INTERNATIONAL PLUMBING CODE (IPC)
- 2021 INTERNATIONAL FUEL GAS CODE (IFGC)
- 2020 NATIONAL ELECTRIC CODE (NEC)
- 2015 LIFE SAFETY CODE (NFPA 101)
- 2010 AMERICANS WITH DISABILITIES ACT - ARCHITECTURAL BARRIERS ACT (ADA)
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

REVISIONS

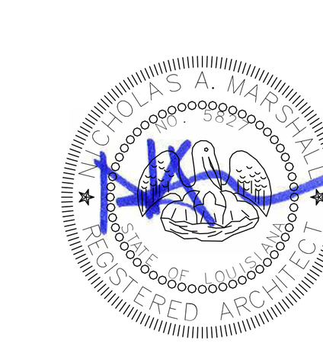
NO.	DESCRIPTION	DATE

THIRD FLOOR RENOVATION OF BLDG 29 LABORATORIES AT NIRC

4401 W. ADMIRAL DOYLE DRIVE,
NEW IBERIA, LOUISIANA
70560

NORTH

BUILDING CODE INFORMATION



PROJECT NUMBER
2025.040

DRAWN BY
CC

DATE
APRIL 14, 2026

CHECKED BY
NM

PHASE
100% BID SET

A-004