THE ACADEMY AT HARDIN VALLEY DAY CARE CENTER

ADDRESS: 2424 BERTELKAMP LN,
KNOXVILLE, TN 37932

OWNER:
CORNERSTONE DEVELOPMENT
216 NOAH DRIVE, SUITE 100
FRANKLIN, TENNESSEE 37064

DATE: 20 JUNE, 2026

PROJECT DESCRIPTION

PROJECT CONSISTS OF A NEW CHILD DAYCARE FACILITY. CONSTRUCTION TYPE IS " VB " AND THE BUILDING IS SPRINKLERED. STRUCTURE CONSISTS OF WOOD FRAMED WALLS WITH MASONRY AND WOOD SIDING FINISHES AND DRIVE THRU CANOPY.

CONTACTS

ARCHITECTURAL	STRUCTURAL
KLINE SWINNEY ASSOCIATES 22 MIDDLETON STREET NASHVILLE, TENNESSEE 37210 615.255.1854 PROJECT ARCHITECT: TIM PIANSAY PROJECT MANAGER: FADY GRANT	TRC WORLDWIDE ENGINEERING, INC 217 WARD CIRCLE BRENTWOOD, TENNESSEE 37027. 615.661.7979 PROJECT ENGINEER: STEWART CONNER, P.E.
CIVIL	**MECHANICAL & PLUMBING**
SEC 850 MIDDLE TENNESSEE BOULEVARD, MURFREESBORO, TENNESSEE 37129 615.890.7901 PROJECT ENGINEER: MATT TAYLOR	SCHELTON ENGINEERING 1587 MALLORY LANE, SUITE 150 BRENTWOOD, TN 37027 615.730.9111 PROJECT ENGINEER: GARY SCHELTON
LANDSCAPING	**ELECTRICAL**
SEC 850 MIDDLE TENNESSEE BOULEVARD, MURFREESBORO, TENNESSEE 37129 615.890.7901 PROJECT ENGINEER: ROBERT S. MOLCHAN	PARSONS ENGINEERING 4751 TROUSDALE DRIVE, SUITE 202 NASHVILLE, TENNESSEE 37220-1440 615.386.9396. PROJECT ENGINEER: ROBERT B. DURAN
FIRE PROTECTION	
I/S ENGINEERING & UTILITIES, INC. 119 PARK SOUTH COURT NASHVILLE, TENNESSEE 37210 615.515.4680 PROJECT ENGINEER: ALLEN TROUTT	

STATE FIRE MARSHAL

- INTERNATIONAL BUILDING CODE (IBC), 2021 EDITION
- INTERNATIONAL FUEL GAS CODE (IFGC), 2021 EDITION
- INTERNATIONAL MECHANICAL CODE (IMC), 2021 EDITION
- INTERNATIONAL PLUMBING CODE (IPC), 2021 EDITION
- INTERNATIONAL PROPERTY MAINTENANCE CODE (IPMC), 2021 EDITION
- INTERNATIONAL FIRE CODE (IFC), 2021 EDITION
- INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2021 EDITION
- NATIONAL ELECTRICAL CODE (NEC), 2017 EDITION

KNOX COUNTY APPLICABLE CODES

- 2018 INTERNATIONAL BUILDING CODE (IBC)
- 2018 INTERNATIONAL RESIDENTIAL CODE (IRC)
- 2018 INTERNATIONAL FIRE CODE (IFC)
- 2018 INTERNATIONAL PLUMBING CODE (IPC)
- 2018 INTERNATIONAL MECHANICAL CODE (IMC)
- 2018 INTERNATIONAL FUEL GAS CODE (IFGC)
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
- 2018 NFPA 101 LIFE SAFETY CODE (LSC)

CITY APPLICABLE CODES

- 2024 INTERNATIONAL BUILDING CODE
- 2024 INTERNATIONAL RESIDENTIAL CODE
- 2024 INTERNATIONAL EXISTING BUILDING CODE
- 2024 INTERNATIONAL FIRE CODE WITH LOCAL AMENDMENTS
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE
- 2024 INTERNATIONAL PLUMBING CODE
- 2024 INTERNATIONAL MECHANICAL CODE
- 2024 INTERNATIONAL FUEL GAS CODE
- 2024 INTERNATIONAL SWIMMING POOL AND SPA CODE WITH LOCAL AMENDMENTS
- 2018 INTERNATIONAL PROPERTY MAINTENANCE CODE
- 2023 NATIONAL ELECTRIC CODE WITH LOCAL AMENDMENTS
- 2024 INTERNATIONAL GREEN CONSTRUCTION CODE
- 2017 ICC ANSI A117.1 ACCESSIBILITY CODE

VICINITY MAP



INDEX OF DRAWINGS

GENERAL

Sheet Number	Sheet Name	Current Revision	Current Revision Date	Current Revision Description
G1.00	INDEX OF DRAWINGS	1	07/15/2026	Revision 1
G1.01	GRAPHIC DATA			

LIFE SAFETY

LS1.01	LIFE SAFETY PLAN	1	07/15/2026	Revision 1

CIVIL

C001	CIVIL NOTES & LEGENDS			
C100	PHASE 1 EROSION PREVENTION & SEDIMENT CONTROL			
C101	PHASE 2 EROSION PREVENTION & SEDIMENT CONTROL			
C300	SITE LAYOUT PLAN			
C400	SITE GRADING PLAN			
C500	SITE DRAINAGE PLAN			
C600	SITE UTILITY PLAN	1	07/15/2026	Revision 1
C800	CIVIL DETAILS			
C801	CIVIL DETAILS			
C802	CIVIL DETAILS			
C803	CIVIL DETAILS			
C804	CIVIL DETAILS			
C805	CIVIL DETAILS			
C806	CIVIL DETAILS			

ARCHITECTURAL

A1.01d	FLOOR PLAN - DIMENSIONED			
A1.01n	FLOOR PLAN - NOTED			
A2.01	REFLECTED CEILING PLAN			
A3.01	ROOF PLAN			
A3.03	ROOF DETAILS			
A4.01	ENLARGED BATHROOM PLANS AND ELEVS			
A4.02	ENLARGED PLAYGROUND PLANS			
A4.03	ENLARGED PLAYGROUND PLANS			
A5.01	EXTERIOR ELEVATIONS			
A5.02	EXTERIOR ELEVATIONS			
A5.03	EXTERIOR ELEVATIONS COLOR			
A5.04	EXTERIOR ELEVATIONS COLOR			
A5.05	EXTERIOR FINISHES			
A6.01	BUILDING SECTIONS			
A6.02	BUILDING SECTIONS			
A6.03	WALL SECTIONS			
A6.04	WALL SECTIONS			
A6.05	WALL SECTIONS			
A7.01	DETAILS			
A7.02	DETAILS			
A7.04	DUMPSTER PLAN & ELEVATIONS			
A8.01	MILLWORK PLANS AND ELEVATIONS			
A8.02	MILLWORK PLANS AND ELEVATIONS			
A8.03	MILLWORK PLANS AND ELEVATIONS			
A8.04	MILLWORK DETAILS			
A8.05	INTERIOR ELEVATIONS & DETAILS			
A9.00	INTERIOR MATERIALS			
A9.00a	RENDERINGS	1	07/15/2026	Revision 1
A9.01	MATERIAL AND ROOM FINISH SCHEDULE			
A9.02	FURNITURE PLAN			
A9.03	FLOOR FINISH PLAN			
A9.04	DOOR SCHEDULE	1	07/15/2026	Revision 1
A9.05	DOORS DETAILS			
A9.06	WINDOW SCHEDULE			
A9.07	FULL FINISH SCHEDULE			

STRUCTURAL

S0.0	COVER SHEET & SHEET INDEX	1	07/15/2026	Revision #1
S0.1	STRUCTURAL GENERAL NOTES	1	07/15/2026	Revision #1
S0.1A	STRUCTURAL GENERAL NOTES			
S0.2	QUALITY ASSURANCE PLAN			
S0.2A	QUALITY ASSURANCE AND ABBREVIATIONS			
S0.3	WIND LOAD DIAGRAMS			
S0.3A	WIND LOAD CHARTS			
S0.4	ROOF SNOW LOAD DIAGRAMS			
S0.5	SHEAR WALL LAYOUT			
S0.6	TYPICAL SLAB ON GRADE DETAILS			
S0.7	TYPICAL WOOD FRAMING DETAILS			
S0.8	TYPICAL WOOD FRAMING DETAILS			
S0.9	TYPICAL MASONRY DETAILS			
S0.10	TYPICAL MASONRY DETAILS			
S1.1	FOUNDATION / FIRST FLOOR PLAN			
S2.1	ROOF FRAMING PLAN			
S2.1A	HIGH ROOF FRAMING PLAN			
S3.1	FOUNDATION SECTIONS			
S4.1	ROOF FRAMING SECTIONS			
S4.2	ROOF FRAMING SECTIONS			
S4.3	ROOF FRAMING SECTIONS			
S4.4	ROOF FRAMING SECTIONS			
S4.5	ROOF FRAMING SECTIONS			
S5.1	SCHEDULES			

FIRE PROTECTION

FP100	FIRE PROTECTION SITE UTILITY REFERENCE PLAN	1	07/15/2026	Revision 1
FP101	FIRST FLOOR FIRE PROTECTION SPRINKLER PLAN	1	07/15/2026	Revision 1
FP102	ATTIC FIRE PROTECTION SPRINKLER PLAN	1	07/15/2026	Revision 1
FP200	BUILDING SECTION AND DETAILS	1	07/15/2026	Revision 1

MECHANICAL

M101	Mechanical Floor Plan	1	07/15/2026	Revision #1
M102	Mechanical Roof Plan			
M201	Mechanical Details and Schedules	1	07/15/2026	Revision #1
M202	Mechanical Details			

PLUMBING

P101	Plumbing Floor Plan - Waste and Vent			
P102	Plumbing Floor Plan - Water and Gas			
P103	Plumbing Roof Plan			
P201	Plumbing Details and Schedules			
P202	Plumbing Details			
P301	Plumbing Isometric Diagrams			
P302	Plumbing Isometric Diagrams			

ELECTRICAL

SP1.00	SITE PHOTOMETRIC PLAN			
E1.01	ELECTRICAL LIGHTING PLAN	1	7-15-2026	Revision # 1
E1.02	ELECTRICAL POWER PLAN	1	7-15-2026	Revision # 1
E1.03	ELECTRICAL SYSTEMS PLAN	1	7-15-2026	Revision # 1
E1.04	MECHANICAL POWER PLAN	1	7-15-2026	Revision # 1
E1.05	MECHANICAL POWER ROOF PLAN	1	7-15-2026	Revision # 1
E2.00	ELECTRICAL NOTES	1	7-15-2026	Revision # 1
E2.01	ELECTRICAL DETAILS	1	7-15-2026	Revision # 1
E2.02	ELECTRICAL COMCHECK	1	7-15-2026	Revision # 1
E3.00	ELECTRICAL SPECIFICATIONS	1	7-15-2026	Revision # 1

CODE ANALYSIS

I. OCCUPANCY GROUP - INSTITUTIONAL, I-4 (IBC 308.5 AND 1015.2)

II. ACTUAL HEIGHT AND AREAS:
A. NET FLOOR AREA PER CODE - 19,210 SF (INCLUDING CANOPY AND OVERHANGS)
13,850 SF (HEATED SPACE ONLY)
B. HEIGHT - 26'-9"

III. CONSTRUCTION TYPE - TYPE VB, SPRINKLERED (IBC TABLE 506.2 AND IBC 903.1.3)
A. SPRINKLER STANDARD TYPE 13 LOCATED IN ALL CONDITIONED SPACES, ALL ATTIC SPACES AND ALL EXTERIOR OVERHANGS.
THE DRIVE THRU CANOPY IS SPRINKLERED.

B. HAZARD CLASSIFICATION - LIGHT HAZARD

IV. STRUCTURAL FIRE RATINGS (IBC TABLES 601, 602, AND 705.8) - TYPE VB STRUCTURAL FRAME INCULDING: COLUMNS, GIRDERS, TRUSSES ---------- 0 HOUR
EXTERIOR BEARING WALLS
0 FEET TO 3 FEET ---------- 0 HOUR
PROTECTED OPENINGS 0%
UNPROTECTED OPENINGS 0%
OVER 3 FEET TO 5 FEET ---------- 0 HOUR
PROTECTED OPENINGS 15%
UNPROTECTED OPENINGS 0%
OVER 5 FEET TO 10 FEET ---------- 0 HOUR
PROTECTED OPENINGS 25%
UNPROTECTED OPENINGS 10%
OVER 10 FEET TO 15 FEET ---------- 0 HOUR
PROTECTED OPENINGS 45%
UNPROTECTED OPENINGS 15%
OVER 15 FEET TO 20 FEET ---------- 0 HOUR
PROTECTED OPENINGS 75%
UNPROTECTED OPENINGS 25%
OVER 20 FEET TO 25 FEET ---------- 0 HOUR
PROTECTED OPENINGS UNLIMITED
UNPROTECTED OPENINGS 45%
OVER 25 FEET TO 30 FEET ---------- 0 HOUR
PROTECTED OPENINGS UNLIMITED
UNPROTECTED OPENINGS 70%
OVER 30 FEET ---------- 0 HOUR
PROTECTED OPENINGS UNLIMITED
UNPROTECTED OPENINGS UNLIMITED
EXTERIOR NON-BEARING WALLS
LESS THAN 30 FEET ---------- 0 HOUR
30 FEET AND ABOVE ---------- NO REQUIREMENT
INTERIOR BEARING WALLS ---------- 0 HOUR
FLOOR CONSTRUCTION ---------- 0 HOUR
ROOF CONSTRUCTION ---------- 0 HOUR

V. FIRE SAFETY CONCEPT, ALLOWABLE BUILDING AREA AND HEIGHT:
THIS WILL BE A NEW ONE (1) STORY EDUCATIONAL OCCUPANCY BUILDING, SPRINKLERED. THE BASE ALLOWABLE BUILDING AREA IS 36,000 SQUARE FEET (IBC TABLE 503) THE BASE ALLOWABLE HEIGHT OF THE BUILDING IS TWO (2) STORY AND 60'
(IBC TABLE 503).

VI. OTHER LIFE SAFETY CONSIDERATIONS
A1. DESIGN OCCUPANT TOTALS (PER TNL CHART 1)
INFANTS (6 WKS. TO 15 MOS. MAX. OF 8/RM.) ---------- 3 ROOMS x 8/ROOM = 24 STUDENTS
TODDLERS (12 MOS. TO 30 MOS. MAX. OF 12/RM.) ---------- 3 ROOMS x 12/ROOM = 36 STUDENTS
2 YEAR OLDS (24 MOS. TO 35 MOS. MAX. OF 14/RM.) ---------- 2 ROOM x 14/ROOM = 28 STUDENTS
2 1/2-3 YEAR OLDS (30 MOS. TO 47 MOS. MAX OF 18/RM.) ---- 2 ROOM x 18/ROOM = 36 CHILDREN
3-4 YEAR OLDS (MAX. OF 22/RM.) ---------- 1 ROOM x 22/ROOM = 22 STUDENTS
4-5 YEAR OLDS (MAX. OF 24/RM.) ---------- 1 ROOMS x 24/ROOM = 24 STUDENTS
TOTAL NUMBER OF CHILDREN (CLIENTS) FACILITY WILL BE LICENSED FOR = 170 STUDENTS
PLANNED STAFF FOR DAY CARE ---------- = 12 OCCUPANTS
ADMINISTRATIVE STAFF ---------- =1 OCCUPANT
TOTAL STAFF AND STUDENTS = 183 OCCUPANTS
A2. OCCUPANT LOAD (PER TABLE 1004.5) - 361 OCCUPANTS (SEE SHEET LS1.01)
A3. CLIENT REQUIRED ASSISTANCE FROM THE STAFF IN CASE OF AN EMERGANCY.
A4. THERE IS NO INFORMATION AVAILABLE IF THERE WILL BE CLIENT OR STAFF WITH MOBILITY IMPAIRMENTS.
B. EXIT CAPACITY PROVIDED (IBC TABLE 1005.1)
CLASSROOMS (NOTE: EXIT LOCATED AT EVERY CLASSROOM AND AT KITCHEN)
- 36*0.2 PER OCCUPANT = 2,340 OCCUPANTS
CORRIDORS, COMMON ROOMS, LOBBY
- 72*0.2 PER OCCUPANT = 360 OCCUPANTS
- 36*0.2 PER OCCUPANT = 360 OCCUPANTS
C. CORRIDOR WIDTH (IBC 1020.2)
1. LESS THAN 100 OCCUPANTS ---------- 44" MINIMUM
2. 100 OR MORE OCCUPANTS ---------- 72" MINIMUM
D. MAXIMUM TRAVEL DISTANCES
1. COMMON PATH OF TRAVEL (IBC 1014.3) ---------- 75' MAXIMUM
2. DEAD END CORRIDORS (IBC1020.4) ---------- 20' MAXIMUM
3. PATH IN ANY ROOM TO AN EXIT (IBC TABLE 1020.1) ---------- 250' MAXIMUM
E. MINIMUM CLEAR DOOR OPENING WIDTH (IBC 1008.2.1) ---------- 32" MINIMUM
F. INTERIOR FINISHES (IBC TABLE 803.13 AND SECTIONS 804.2 - 804.4.2, IBC 804.1)
1. EXITS
a. WALL AND CEILING FINISHES ---------- CLASS B
b. FLOOR FINISHES ---------- ASTM F1700
2. ACCESS TO EXITS
a. WALL AND CEILING FINISHES ---------- CLASS B
b. FLOOR FINISHES ---------- NO REQUIREMENT
3. OTHER SPACES
a. WALL AND CEILING FINISHES ---------- CLASS B
b. FLOOR FINISHES ---------- NO REQUIREMENT
INTERIOR FINISHES TO SHOW INTERIOR FLOOR COVERING MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE DOC FF-1 "PILL TEST" (CPSC 16 CFR PART 1630) OR WITH ASTM D2859.
G. CORRIDOR CONSTRUCTION (IBC TABLE 1017.1) ---------- NO REQUIREMENT
H. CORRIDOR DOORS ---------- NO REQUIREMENT
I. MINIMUM REQUIRED PLUMBING FACILITIES (IBC TABLE 2902.1)
1. WATER CLOSETS
a. 13 STAFF MEMBERS AT 1 FIXTURE/50 STAFF ---------- 1 TOILET
b. 170 STUDENTS AT 1 FIXTURE/50 STUDENTS ---------- 4 TOILETS
2. LAVATORIES
a. 13 STAFF MEMBERS AT 1 FIXTURE/50 STAFF ---------- 1 LAVATORY
b. 170 STUDENTS AT 1 FIXTURE/50 STUDENTS ---------- 4 LAVATORIES
3. DRINKING FOUNTAINS
183 OCCUPANTS AT 1 FIXTURE/100 OCCUPANTS ---------- 2 DRINKING FOUNTAINS
4. SERVICE SINKS ---------- 1 SERVICE SINK
J. THIS PROJECT WAS DESIGNED WITH THE INTENTION OF MEETING STATE ADOPTED ACCESSIBILITY CODES
K. BUILDING ENVELOPE REQUIREMENTS
1. CLIMATE ZONE: 4 EXCEPT MARINE
2. ROOF INSULATION (UNDER SIDE OF DECK): R38 SPRAY FOAM INSULATION,
3. ATTIC ROOF INSULATION R49 BLOWN IN INSULATION
4. WALLS: WOOD FRAMED R21 (BATT INSULATION)
5. FENESTRATION U-FACTOR: U-0.35
6. EXTERIOR CEILING AND SOFFIT: R38 SPRAY FOAM INSULATION
7. UNHEATED SLAB: R10
L. RESPONDING FIRE DEPARTMENT CONTACTS
Karns Fire Department
PO Box 7184
Knoxville, TN. 37921
865-691-1333
http://www.karnsfire.org
M. STATE LICENSING AGENCY
NAME: TDHS
LICENSE #: 6th Judicial District (Knox County)
ADDRESS: 551 W. Main St. Knoxville, TN 37902-2504
PHONE: (865) 862-0366
EMAIL: Judicialdistrict06.DHS@tn.gov
N. LOCAL BUILDING INSPECTOR (INSPECTOR WILL BE ASSIGNED AFTER APPLICATION FOR BUILDING PERMIT)
O. ROOF COVERING ASSEMBLY'S CLASSIFICATION IN ACCORDANCE WITH IBC 1505.1 (TYPE C)
P. FOAM PLASTIC INSULATION MUST BE PART OF THE ROOF COVERING'S LISTED CLASSIFICATION. IBC 2603.6

KLINE SWINNEY ASSOCIATES
48 LINDSLEY AVENUE NASHVILLE, TN 37210 | (615) 255-1854
architecture + interior design + planning

American Institute of Architects
United States Green Building Council
National Council of Architectural Registration Boards
Construction Specifications Institute
American Correctional Association
Tennessee Society of Architects

Reproduction of these drawings or any part thereof is prohibited without written approval of the architect, KLINE SWINNEY ASSOCIATES.
These drawings are protected by U.S. copyright laws and violators are subject to legal recourse.

INDEX OF DRAWINGS

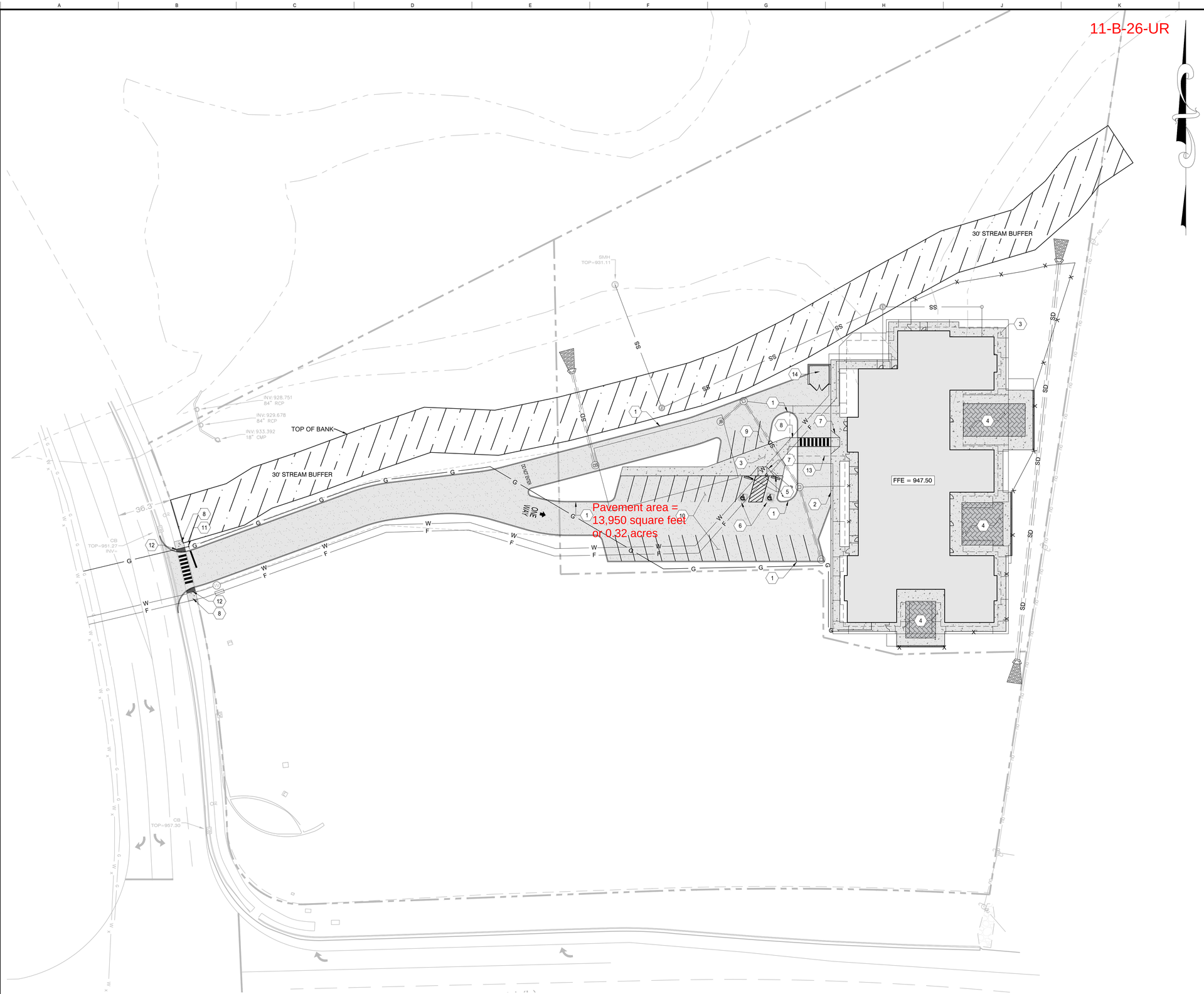
ACADEMY AT HARDIN VALLEY
DAYCARE - CENTER
2424 BERTELKAMP LN
KNOXVILLE, TN 37932

REVISIONS	
1	07/15/2026

PROJECT NO. 2520
DATE 06/20/2026
SHEET NO. G1.00

8/3/2026 11:07:51 AM

11-B-26-UR



SITE LAYOUT PLAN

SCALE: 1" = 30'

1

SHEET NOTES

1. SEE SHEET C001 FOR CIVIL NOTES
2. FOR TYPICAL PARKING SPACE LAYOUT SEE 1/C802 & 2/C802

SHEET LEGEND

- PROPERTY LINE
- PROPOSED FENCE
- PAINTED DOUBLE STRIP, COLOR TO BE YELLOW
- PAINTED 'ONE WAY' LETTERS, COLOR TO BE WHITE; SEE DETAIL 8/C802
- PAINTED DIRECTIONAL ARROWS, COLOR TO BE WHITE; SEE DETAIL 8/C802
- PAINTED STOP BAR, COLOR TO BE WHITE; SEE DETAIL 8/C802
- PAINTED 'DO NOT ENTER' LETTERS, COLOR TO BE WHITE; SEE DETAIL 8/C802
- PAINTED PEDESTRIAN CROSSWALK, COLOR TO BE WHITE; SEE DETAIL 9/C802
- LIGHT DUTY ASPHALT PAVING; SEE DETAIL 2/C801
- CONCRETE PAVING; SEE DETAIL 2/C801
- CONCRETE SIDEWALK; SEE DETAIL 2/C801
- WHEEL STOP; SEE DETAIL 5/C802

SHEET KEYED NOTES

1. CONCRETE CURB; SEE DETAIL 3/C801
2. TURNDOWN SIDEWALK; SEE DETAIL 11/C802
3. CONCRETE SIDEWALK; SEE DETAIL 1/C801
4. PLAYGROUND (DESIGN BY OTHERS)
5. ACCESSIBLE PARKING SIGN; SEE DETAIL 6/C802
6. ACCESSIBLE PARKING SPACE; SEE DETAIL 3/C802
7. FLARED ACCESSIBLE RAMP; SEE DETAIL 6/C801
8. SINGLE ACCESSIBLE RAMP SEE DETAIL 5/C801
9. 60° PARKING STALL; SEE DETAIL 1/C802
10. 75° PARKING STALL; SEE DETAIL 2/C802
11. "STOP" SIGN; SEE DETAIL 7/C802
12. TACTILE WARNING PAD; SEE DETAIL 10/C802
13. CANOPY (DESIGN BY OTHERS)
14. DUMPSTER ENCLOSURE

PARKING CALCULATION

TWO OFF STREET PARKING SPACES PER THREE EMPLOYEES, PLUS ONE OFF STREET LOADING SPACE FOR EVERY EIGHT CHILDREN

REQUIRED		PROVIDED	
REGULAR	29	REGULAR	29
ACCESSIBLE	2	ACCESSIBLE	2
TOTAL	31	TOTAL	31

TOTAL VEHICULAR USE AREA:

Know what's below. Call before you dig.
In Tennessee call 811 or 1-800-351-1111

GRAPHIC SCALE

30 0 15 30 60 90

1 INCH = 30'

MBI

ENGINEER:

MBI COMPANIES INC.
299 N. WEISGARBER ROAD
KNOXVILLE, TN 37919

PHONE: (865) 584-0999
FAX: (865) 584-5213
WEB: mbicompanies.com

CONSULTANT

SEAL

CHRISTOPHER B. IRVING
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
STATE OF TENNESSEE

07/16/2026

COPYRIGHT © MBI COMPANIES INC.

THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/ OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

PROJECT INFORMATION

PROJECT:

ACADEMY DAYCARE

PROJECT ADDRESS:

0 BERTELKAMP LN
KNOXVILLE, TN 37932

PROJECT NO.: 251475

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

REVISION INFORMATION

NO.	DATE	DESCRIPTION

KEY PLAN

SHEET INFORMATION

SHEET ISSUED:	07/16/2026
DESIGNED BY:	N.A.K.
DRAWN BY:	N.A.K.
REVIEWED BY:	C.B.T.

SHEET TITLE:

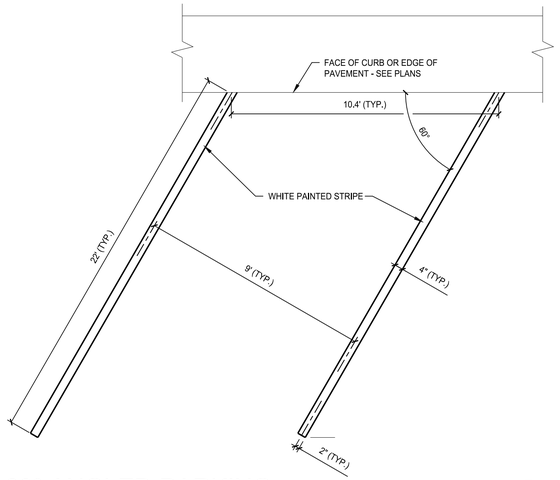
SITE LAYOUT PLAN

SHEET NO.:

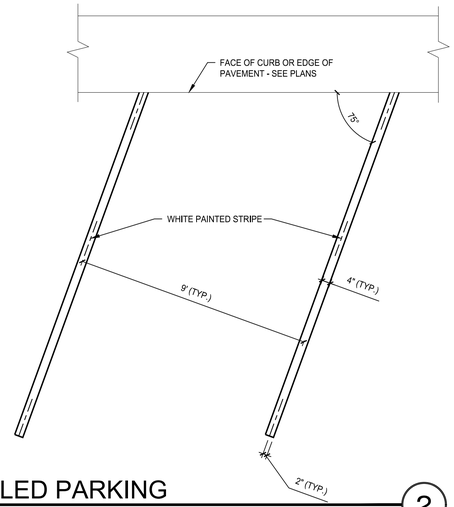
C300

R:\Revit Projects\2025\251475_Academy Daycare\03_Civil\03_CAD\251475_CB1.dwg, 7/16/2026 11:32:10 AM, nickk

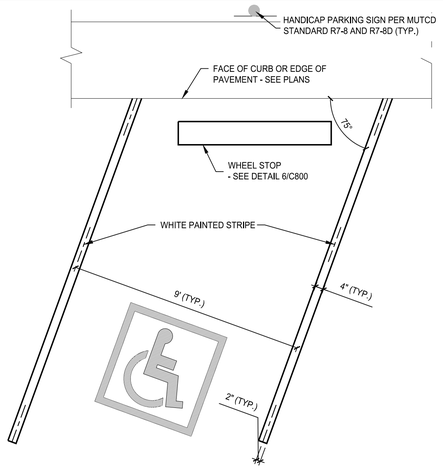
11-B-26-UR



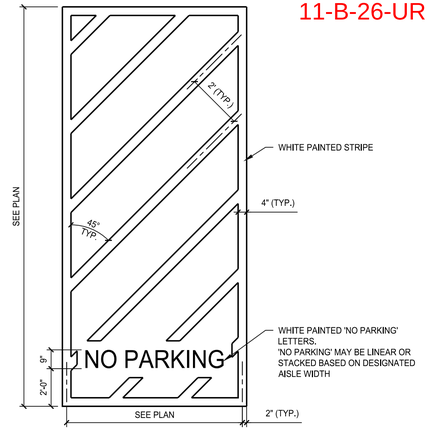
60° ANGLED PARKING — 1



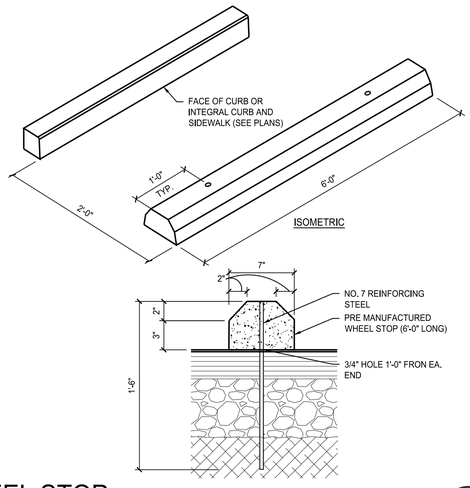
75° ANGLED PARKING — 2



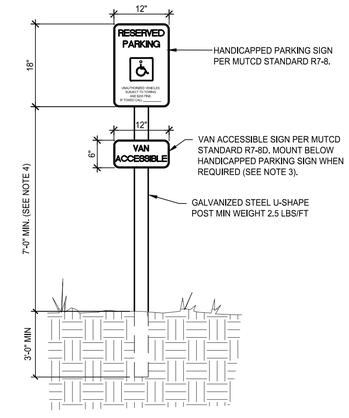
ANGLED ACCESSIBLE PARKING SPACE — 3



'NO PARKING' AREA — 4

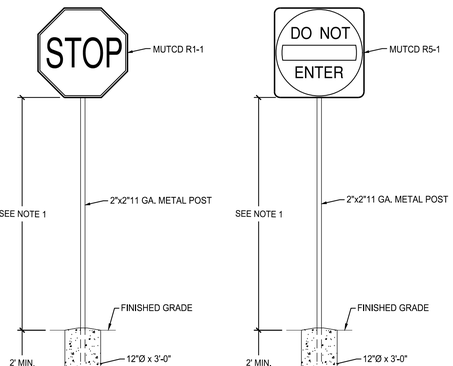


WHEEL STOP — 5



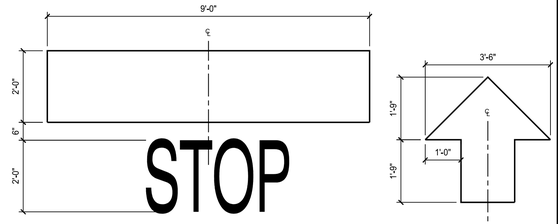
NOTES:
1. CONTRACTOR TO PROVIDE NEW SIGN AT ALL HANDICAP PARKING STALLS.
2. CONTRACTOR TO VERIFY NAME AND NUMBER OF CONTACT PERSON OR COMPANY PRIOR TO FABRICATION OF SIGNAGE.
3. ONE OF EVERY 6 HANDICAPPED SPACES AND NO LESS THAN ONE SHALL BE VAN ACCESSIBLE.
4. MOUNTING HEIGHT FOR SIGN MAY BE REDUCED TO 5'-0" ABOVE GROUND LEVEL IF IT IS LOCATED IN A NON-PEDESTRIAN AREA, SUCH AS ON A BUILDING OR IN A LANDSCAPED AREA.

STANDARD ACCESSIBLE PARKING SIGN — 6



NOTE:
1. MOUNTING HEIGHT SHALL BE AT LEAST 7 FEET FOR NEW INSTALLATIONS IN AREA WITH PEDESTRIAN MOVEMENTS OR PARKING.

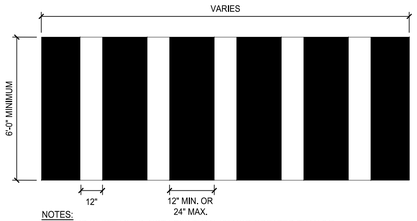
TRAFFIC SIGNAGE — 7



NOTES:
1. PAINT COLOR TO BE WHITE.
2. LETTERS TO BE 4" WIDE.

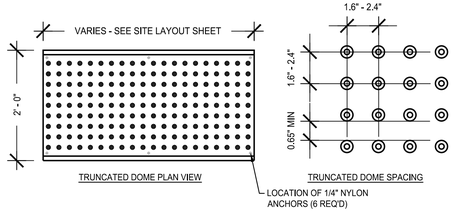
PAINTED MARKINGS — 8

N.T.S.



NOTES:
1. SOLID WHITE LINES, NOT LESS THAN 12" NOR GREATER THAN 24".
2. GAPS BETWEEN TRAVERSE LINES SHALL BE 12".

CROSSWALK — 9



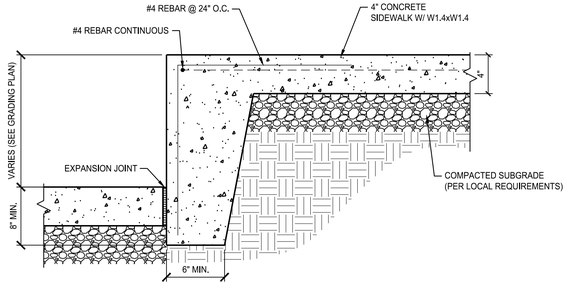
TACTILE WARNING PAD

PADS SHALL ONLY BE INSTALLED ON FULLY CURED CONCRETE. PADS SHALL ALSO BE INSTALLED PER MANUFACTURER SPECIFICATIONS AND RECOMMENDATIONS. ONCE ADHESIVE HAS SET, INSTALL 1/4"x1" NYLON ANCHORS THOUGH MAT AND INTO CONCRETE. SEE PLAN VIEW FOR PLACEMENT.

ACCEPTABLE MANUFACTURER:

DETECTABLE WARNING SYSTEM, INC.
(OR APPROVED EQUAL)
P.O. BOX 17685 ANAHEIM, CA 92817
TEL: (866) 999-7452 URL:
HTTP://WWW.DETECTABLE-WARNING.COM
SIZES: 2'-0 11/16" x 3'-11 3/16" x 1/4"
COLOR: BY ARCHITECT

TACTILE WARNING PAD — 10



SIDEWALK TURNDOWN — 11

MBI

ENGINEER:

MBI COMPANIES INC.
299 N. WEISGARBER ROAD
KNOXVILLE, TN 37919
PHONE: (865) 584-0999
FAX: (865) 584-5213
WEB: mbicompanies.com

CONSULTANT

SEAL

CHRISTOPHER B. IRVING REGISTERED ENGINEER AGRICULTURE COMMERCE STATE OF TENNESSEE

07/16/2026

COPYRIGHT © MBI COMPANIES INC.

THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/ OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

PROJECT INFORMATION

PROJECT:

ACADEMY DAYCARE

PROJECT ADDRESS:

0 BERTELKAMP LN
KNOXVILLE, TN 37932

PROJECT NO.: 251475

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

REVISION INFORMATION

NO.	DATE	DESCRIPTION

KEY PLAN

SHEET INFORMATION

SHEET ISSUED:	07/16/2026
DESIGNED BY:	N.A.K.
DRAWN BY:	N.A.K.
REVIEWED BY:	C.B.T.

SHEET TITLE:

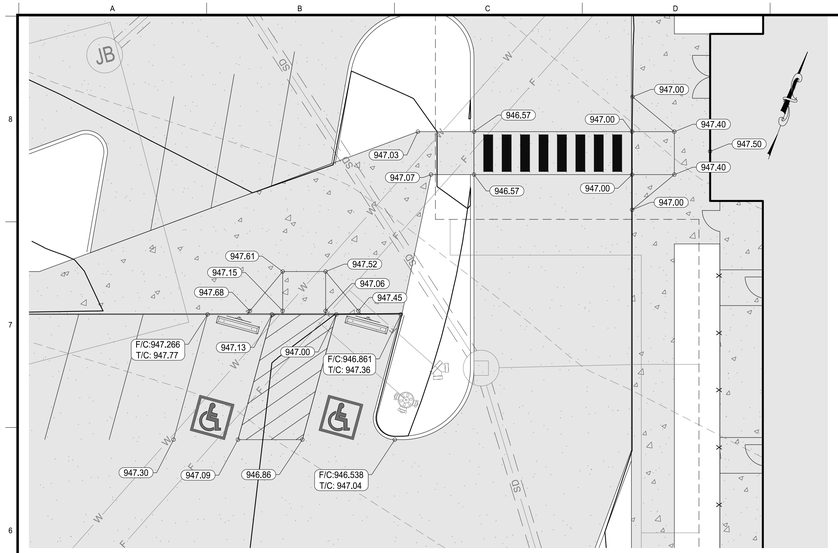
CIVIL DETAILS

SHEET NO.:

C802

R:\Revit Projects\2025\251475_Academy Daycare\03_Civil\03_CAD\251475_Details.dwg, 7/16/2026 11:32:20 AM, nickk

11-B-26-UR



DETAILED ADA GRADING PLAN

SCALE: 1" = 10'

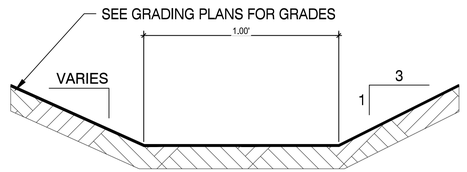
2



SITE GRADING PLAN

SCALE: 1" = 30'

1



DRAINAGE SWALE

2

SHEET NOTES

1. SEE SHEET C001 FOR CIVIL NOTES

CALCULATED AREAS

IMPERVIOUS AREA

EXISTING		PROPOSED		TOTAL INCREASE	
0.00	Acres	1.05	Acres	1.05	Acres
0.00	sqft	45,937	sqft	45,937	sqft

DISTURBED AREA

TOTAL SITE AREA		DISTURBED AREA	
2.70	Acres	1.75	Acres
117,535	sqft	76,230	sqft

Know what's below. Call before you dig.
In Tennessee call 811 or 1-800-351-1111

GRAPHIC SCALE
10 0 5 10 20 30
1 INCH = 10'

GRAPHIC SCALE
30 0 15 30 60 90
1 INCH = 30'

MBI

ENGINEER:

MBI COMPANIES INC.
299 N. WEISGARBER ROAD
KNOXVILLE, TN 37919

PHONE: (865) 584-0999
FAX: (865) 584-5213
WEB: mbicompanies.com

CONSULTANT

SEAL

CHRISTOPHER B. TRIVETTE
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
STATE OF TENNESSEE

07/16/2026

COPYRIGHT © MBI COMPANIES INC.

THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/ OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

PROJECT INFORMATION

PROJECT:

ACADEMY DAYCARE

PROJECT ADDRESS:

0 BERTELKAMP LN
KNOXVILLE, TN 37932

PROJECT NO.: 251475

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

REVISION INFORMATION

NO.	DATE	DESCRIPTION

KEY PLAN

SHEET INFORMATION

SHEET ISSUED:	07/16/2026
DESIGNED BY:	N.A.K.
DRAWN BY:	N.A.K.
REVIEWED BY:	C.B.T.
SHEET TITLE:	SITE GRADING PLAN
SHEET NO.:	C400

R:\Revit Projects\2025\251475_Academy Daycare\03_Civil\03_CAD\251475_CB1.dwg, 7/16/2026 11:32:12 AM, nickk



1 SOUTH ELEVATION RENDERED
1/8" = 1'-0"



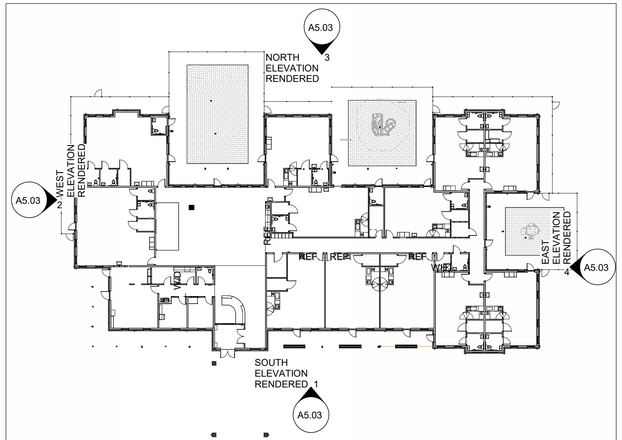
3 NORTH ELEVATION RENDERED
1/8" = 1'-0"



2 WEST ELEVATION RENDERED
1/8" = 1'-0"



4 EAST ELEVATION RENDERED
1/8" = 1'-0"



5 RENDERED ELEVATION KEY PLAN
1" = 30'-0"

ACTUAL NORTH

PROJECT NORTH

architecture + interior design + planning
KSA
KLINE SWINNEY ASSOCIATES
48 LINDSLEY AVENUE NASHVILLE, TN 37210 | (615) 255-1854

American Institute of Architects
United States Green Building Council
National Council of Architectural Registration Boards
Construction Specifications Institute
American Correctional Association
Tennessee Society of Architects



Reproduction of these drawings or any part thereof is prohibited without written approval of the architect, KLINE SWINNEY ASSOCIATES.
These drawings are protected by U.S. copyright laws and violators are subject to legal recourse.

EXTERIOR ELEVATIONS COLOR

ACADEMY AT HARDIN VALLEY
DAYCARE - CENTER
2424 BERTELKAMP LN
KNOXVILLE, TN 37932

REVISIONS

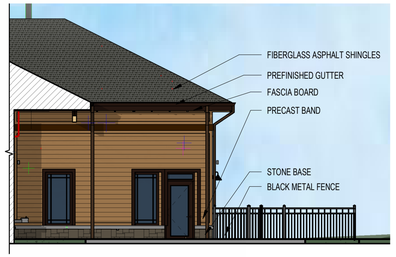
PROJECT NO.
2520

DATE
06/20/2026

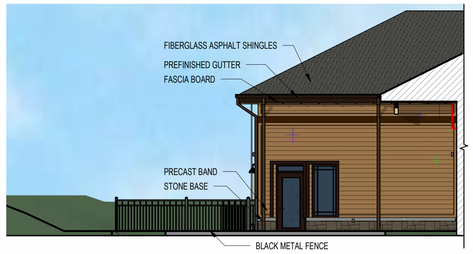
SHEET NO.
A5.03

7/31/2026 8:58:31 AM

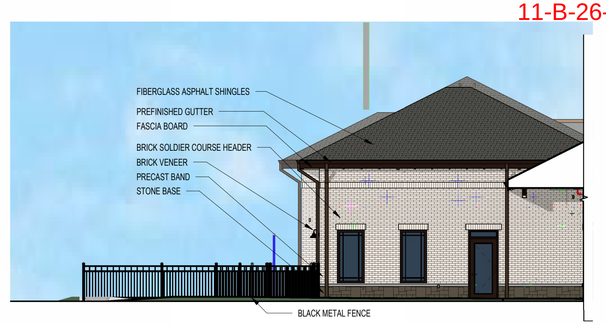
11-B-26-UR



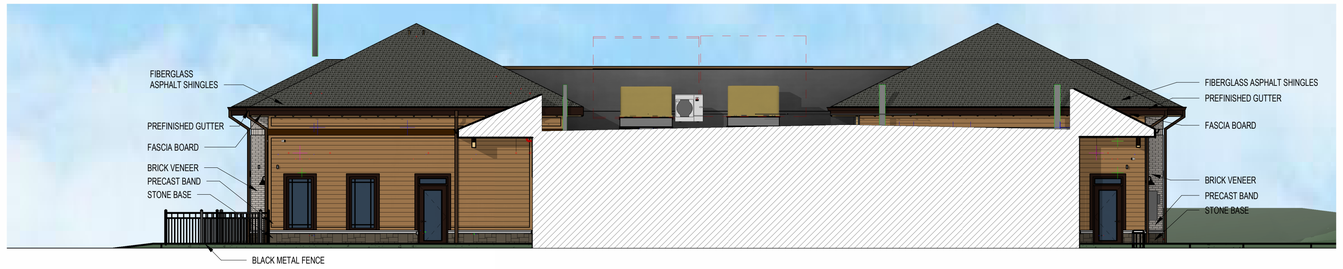
1 WEST ELEVATION 'W2'
1/8" = 1'-0" 0 4' 8' 16'



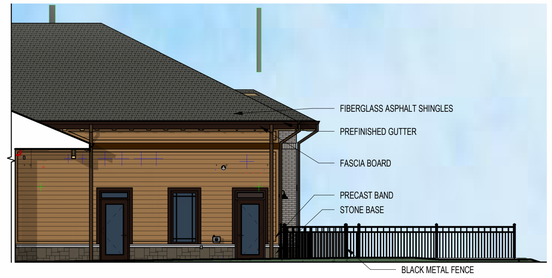
2 EAST ELEVATION 'E2'
1/8" = 1'-0" 0 4' 8' 16'



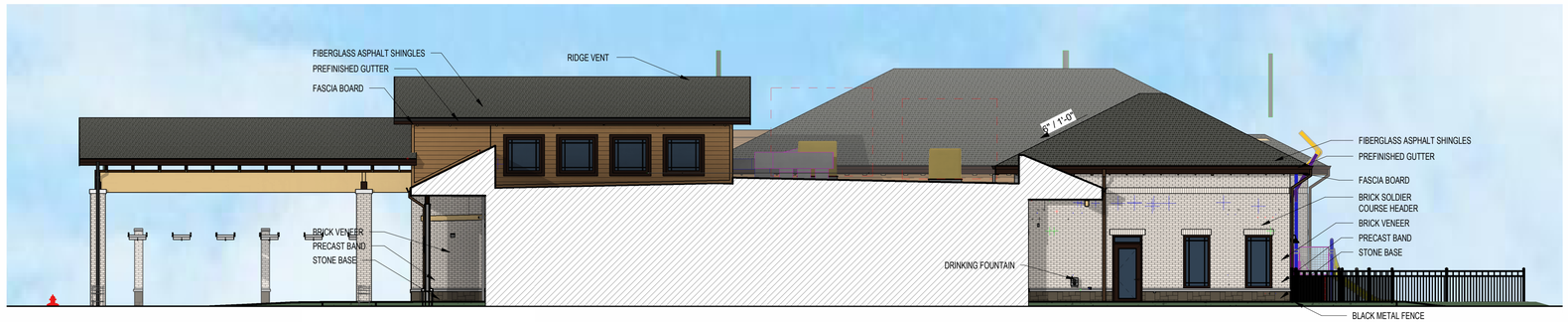
3 SOUTH ELEVATION 'S2'
1/8" = 1'-0" 0 4' 8' 16'



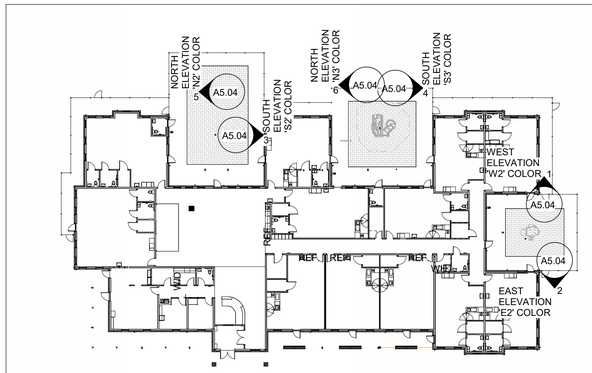
4 SOUTH ELEVATION 'S3'
1/8" = 1'-0" 0 4' 8' 16'



5 NORTH ELEVATION 'N2'
1/8" = 1'-0" 0 4' 8' 16'



6 NORTH ELEVATION 'N3'
1/8" = 1'-0" 0 4' 8' 16'



7 KEY PLAN
1" = 30'-0"

ACTUAL NORTH

PROJECT NORTH

architecture + interior design + planning

KSA

KLINE SWINNEY ASSOCIATES

48 LINDSLEY AVENUE NASHVILLE, TN 37210 | (615) 255-1854

American Institute of Architects
United States Green Building Council
National Council of Architectural Registration Boards
Construction Specifications Institute
American Correctional Association
Tennessee Society of Architects

TIMOTHY ROY SURRICA JAMES
REGISTERED
ARCHITECT
No. 104053
STATE OF TENNESSEE
07/15/2026

Reproduction of these drawings or any part thereof is prohibited without written approval of the architect, KLINE SWINNEY ASSOCIATES.
These drawings are protected by U.S. copyright laws and violators are subject to legal recourse.

EXTERIOR ELEVATIONS COLOR

ACADEMY AT HARDIN VALLEY
DAYCARE - CENTER
2424 BERTELKAMP LN
KNOXVILLE, TN 37932

REVISIONS

PROJECT NO. 2520

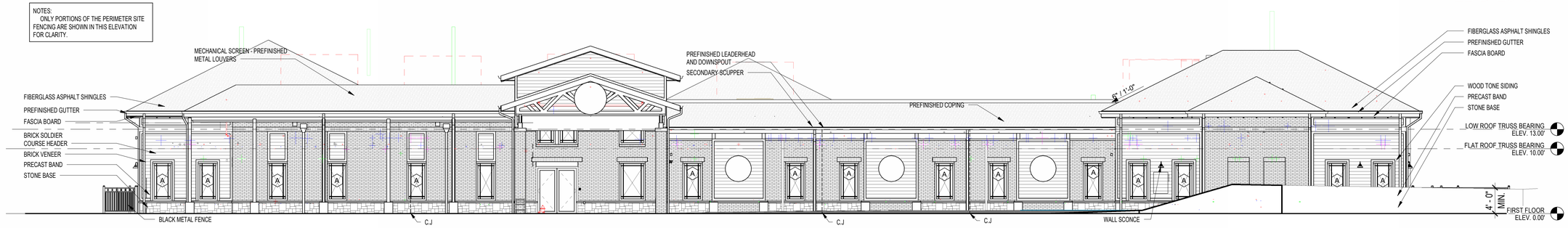
DATE 06/20/2026

SHEET NO. A5.04

7/31/2026 8:58:50 AM

11-B-26-UR

NOTES:
ONLY PORTIONS OF THE PERIMETER SITE FENCING ARE SHOWN IN THIS ELEVATION FOR CLARITY.



1 WEST ELEVATION
1/8" = 1'-0"

NOTES:
ONLY PORTIONS OF THE PERIMETER SITE FENCING ARE SHOWN IN THIS ELEVATION FOR CLARITY.



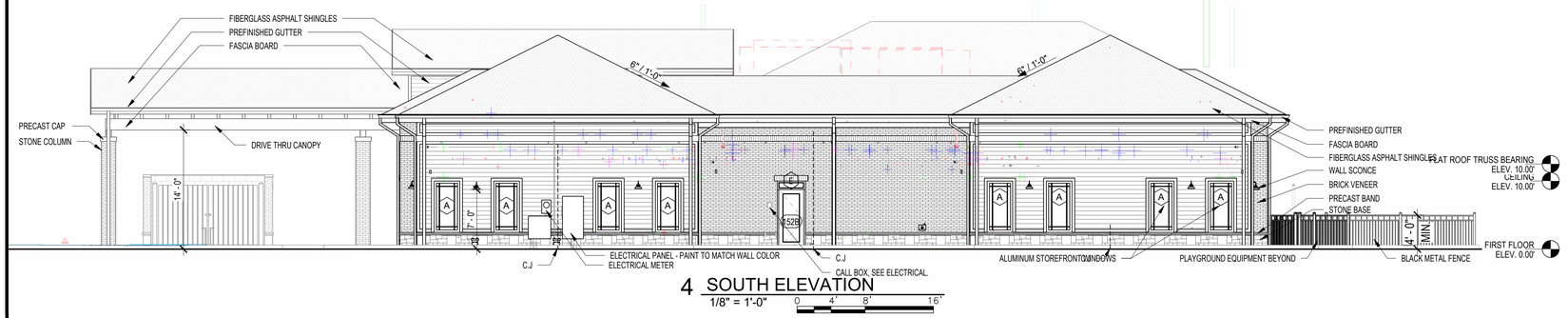
2 EAST ELEVATION
1/8" = 1'-0"

NOTES:
ONLY PORTIONS OF THE PERIMETER SITE FENCING ARE SHOWN IN THIS ELEVATION FOR CLARITY.

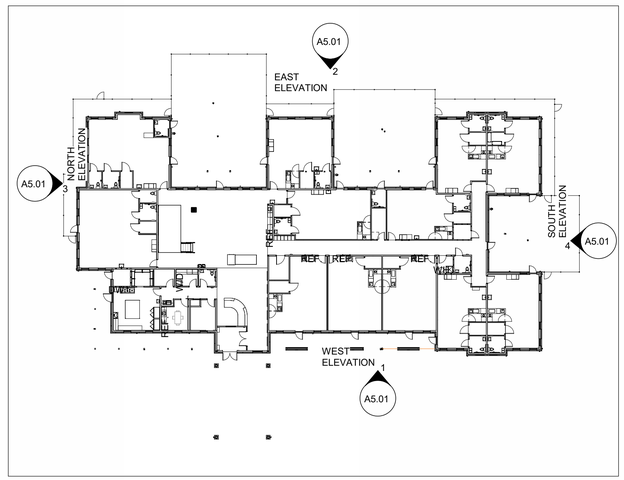


3 NORTH ELEVATION
1/8" = 1'-0"

NOTES:
ONLY PORTIONS OF THE PERIMETER SITE FENCING ARE SHOWN IN THIS ELEVATION FOR CLARITY.



4 SOUTH ELEVATION
1/8" = 1'-0"



5 KEY PLAN
1" = 30'-0"

ACTUAL NORTH
PROJECT NORTH

KLINE SWINNEY ASSOCIATES
48 LINDSLEY AVENUE NASHVILLE, TN 37210 | (615) 255-1854
architecture + interior design + planning

American Institute of Architects
United States Green Building Council
National Council of Architectural Registration Boards
Construction Specifications Institute
American Correctional Association
Tennessee Society of Architects

TIMOTHY ROY SURRICA
REGISTERED ARCHITECT
No. 104053
STATE OF TENNESSEE
07/15/2026

Reproduction of these drawings or any part thereof is prohibited without written approval of the architect, KLINE SWINNEY ASSOCIATES.
These drawings are protected by U.S. copyright laws and violators are subject to legal recourse.

EXTERIOR ELEVATIONS

ACADEMY AT HARDIN VALLEY
DAYCARE - CENTER
2424 BERTELKAMP LN
KNOXVILLE, TN 37932

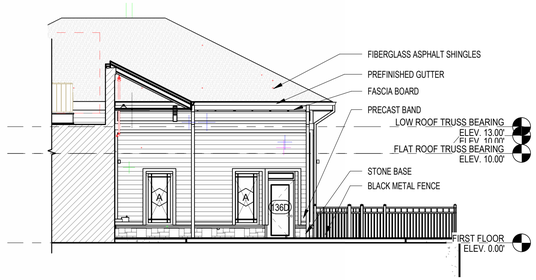
REVISIONS

PROJECT NO.
2520

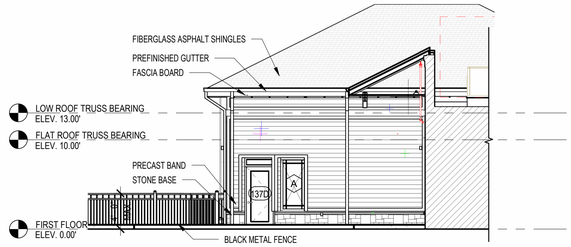
DATE
06/20/2026

SHEET NO.
A5.01

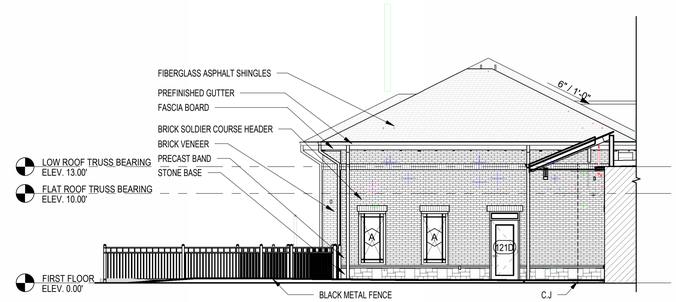
7/31/2026 8:57:18 AM



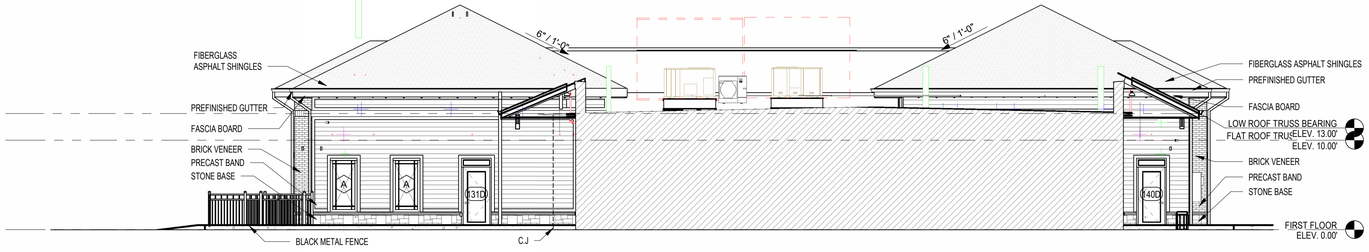
1 WEST ELEVATION 'W2'
1/8" = 1'-0" 0 4' 8' 16'



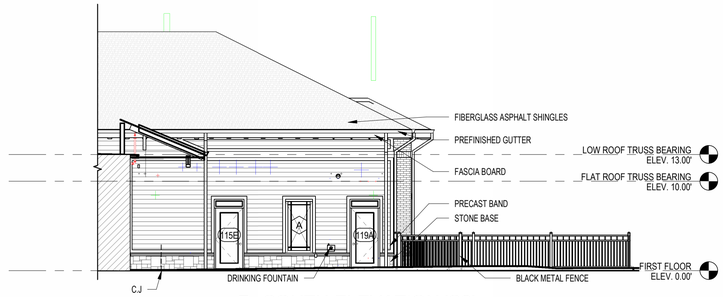
2 EAST ELEVATION 'E2'
1/8" = 1'-0" 0 4' 8' 16'



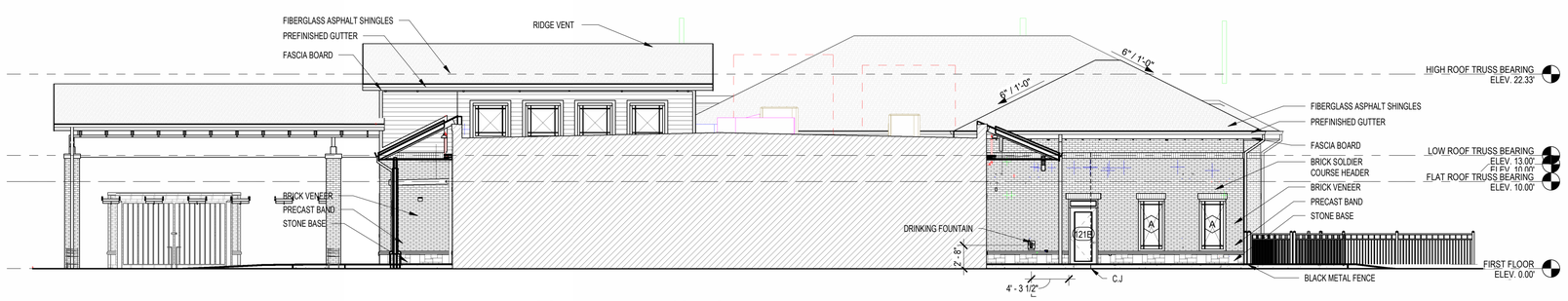
3 NORTH ELEVATION 'N2'
1/8" = 1'-0" 0 4' 8' 16'



4 NORTH ELEVATION 'N3'
1/8" = 1'-0" 0 4' 8' 16'



5 SOUTH ELEVATION 'S2'
1/8" = 1'-0" 0 4' 8' 16'



6 SOUTH ELEVATION 'S3'
1/8" = 1'-0" 0 4' 8' 16'

GENERAL NOTES:

1) ELEVATIONS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE CITY OF MURFREESBORO ARCHITECTURAL DESIGN STANDARDS. CHANGES SHALL NOT BE MADE TO THE APPROVED ELEVATIONS UNLESS APPROVED BY EITHER THE CODES DIRECTOR OR THE PLANNING COMMISSION.

2) HVAC UNITS, COOLING AND OR MECHANICAL UNITS ARE LOCATED ON THE.

- ☒ ROOFTOP
- ☐ GROUND AND ATTIC
- ☐ NONE PROVIDED

MATERIAL ELEVATION CALCULATIONS

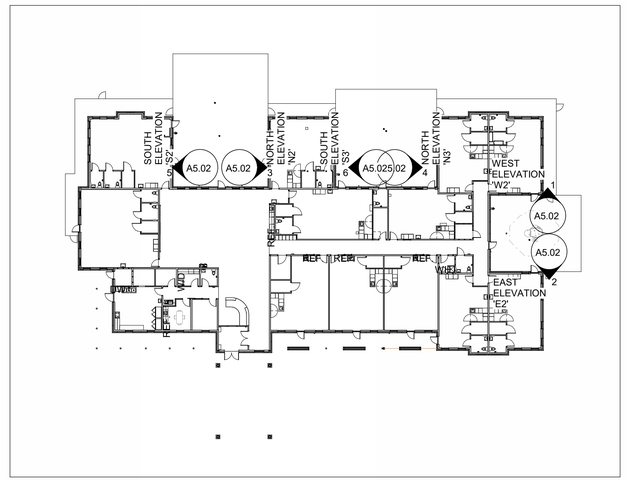
NORTH ELEVATION		
	AREA IN S.F.	% OF WALL SURFACE
FIBER CEMENT BOARD	305	12%
BRICK & STONE	1,919	73%
DOORS, GLASS, STOREFRONT	401	15%
TOTALS	2,625	100%

EAST ELEVATION		
	AREA IN S.F.	% OF WALL SURFACE
FIBER CEMENT BOARD	725	20%
BRICK & STONE	2,190	62%
DOORS, GLASS, STOREFRONT	636	18%
TOTALS	3,551	100%

OVERALL BUILDING MAT. CALCULATIONS WITHOUT GLASS ,DOORS, STOREFRONT		
	AREA IN S.F.	% OF WALL SURFACE
FIBER CEMENT BOARD	2,319	22%
BRICK & STONE	8,281	78%
TOTALS	10,600	100%

SOUTH ELEVATION		
	AREA IN S.F.	% OF WALL SURFACE
FIBER CEMENT BOARD	441	16%
BRICK & STONE	1,996	70%
DOORS, GLASS, STOREFRONT	397	14%
TOTALS	2,834	100%

WEST ELEVATION		
	AREA IN S.F.	% OF WALL SURFACE
FIBER CEMENT BOARD	848	23%
BRICK & STONE	2,176	60%
DOORS, GLASS, STOREFRONT	603	17%
TOTALS	3,627	100%



7 KEY PLAN
1" = 30'-0"

ACTUAL NORTH

PROJECT NORTH

7/31/2026 8:57:26 AM

architecture + interior design + planning

American Institute of Architects
United States Green Building Council
National Council of Architectural Registration Boards
Construction Specifications Institute
American Correctional Association
Tennessee Society of Architects

KSA

KLINE SWINNEY ASSOCIATES
48 LINDSLEY AVENUE NASHVILLE, TN 37210 | (615) 255-1854



Reproduction of these drawings or any part thereof is prohibited without written approval of the architect, KLINE SWINNEY ASSOCIATES.
These drawings are protected by U.S. copyright laws and violators are subject to legal recourse.

EXTERIOR ELEVATIONS

ACADEMY AT HARDIN VALLEY
DAYCARE - CENTER
2424 BERTELKAMP LN
KNOXVILLE, TN 37932

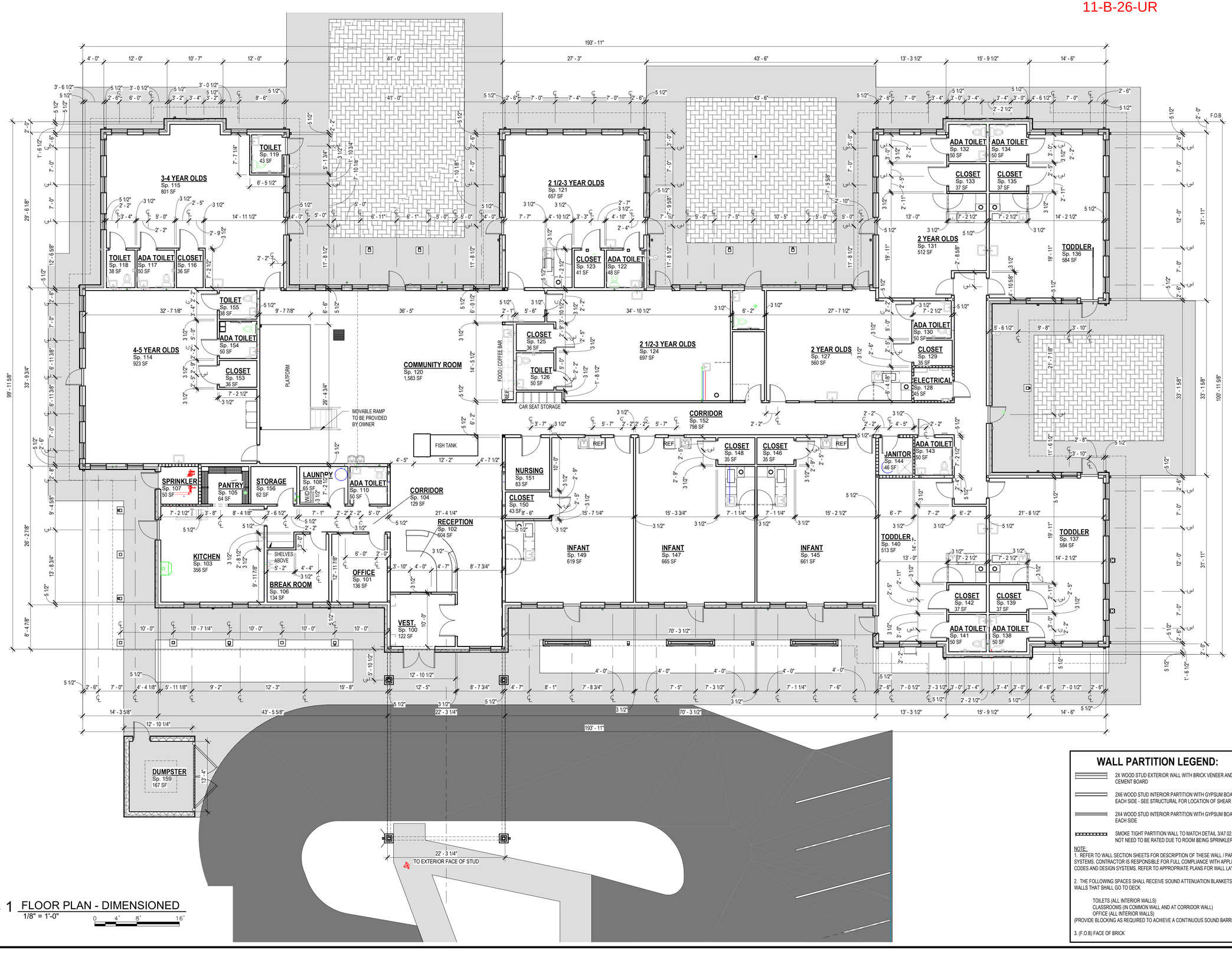
REVISIONS

PROJECT NO.
2520

DATE
06/20/2026

SHEET NO.
A5.02

11-B-26-UR



ACTUAL NORTH

PROJECT NORTH

1 FLOOR PLAN - DIMENSIONED

1/8" = 1'-0"

0 4' 8' 16'

7/31/2026 8:56:38 AM

WALL PARTITION LEGEND:

- 2X WOOD STUD EXTERIOR WALL WITH BRICK VENEER AND FIBER CEMENT BOARD
- 2X6 WOOD STUD INTERIOR PARTITION WITH GYPSUM BOARD ON EACH SIDE - SEE STRUCTURAL FOR LOCATION OF SHEAR WALLS
- 2X4 WOOD STUD INTERIOR PARTITION WITH GYPSUM BOARD ON EACH SIDE
- SMOKE TIGHT PARTITION WALL TO MATCH DETAIL 3/A7.02. DOES NOT NEED TO BE RATED DUE TO ROOM BEING SPRINKLERED

NOTE:

1. REFER TO WALL SECTION SHEETS FOR DESCRIPTION OF THESE WALL / PARTITION SYSTEMS. CONTRACTOR IS RESPONSIBLE FOR FULL COMPLIANCE WITH APPLICABLE CODES AND DESIGN SYSTEMS. REFER TO APPROPRIATE PLANS FOR WALL LAYOUTS.

2. THE FOLLOWING SPACES SHALL RECEIVE SOUND ATTENUATION BLANKETS IN THE WALLS THAT SHALL GO TO DECK

   TOILETS (ALL INTERIOR WALLS)
   CLASSROOMS (IN COMMON WALL AND AT CORRIDOR WALL)
   OFFICE (ALL INTERIOR WALLS)
   (PROVIDE BLOCKING AS REQUIRED TO ACHIEVE A CONTINUOUS SOUND BARRIER)

3. (F.O.B) FACE OF BRICK

KSA
architecture + interior design + planning
KLINE SWINNEY ASSOCIATES
48 LINDSLEY AVENUE NASHVILLE, TN 37210 | (615) 255-1854

American Institute of Architects
United States Green Building Council
National Council of Architectural Registration Boards
Construction Specifications Institute
American Correctional Association
Tennessee Society of Architects

TIMOTHY NOI SURRICA JAMES
REGISTERED
ARCHITECT
No. 114053
STATE OF TENNESSEE
07/15/2026

Reproduction of these drawings or any part thereof is prohibited without written approval of the architect, KLINE SWINNEY ASSOCIATES.
These drawings are protected by U.S. copyright laws and violators are subject to legal recourse.

FLOOR PLAN - DIMENSIONED

ACADEMY AT HARDIN VALLEY
DAYCARE - CENTER
2424 BERTELKAMP LN
KNOXVILLE, TN 37932

REVISIONS

PROJECT NO. 2520

DATE 06/20/2026

SHEET NO. A1.01d

11-B-26-UR

GENERAL NOTES

1. FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND ERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING. SUCH IDENTIFICATION SHALL: (1) BE LOCATED IN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR ATTIC SPACES; (2) BE LOCATED WITHIN 15 FEET (4572 MM) OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET (9144 MM) MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION; AND (3) INCLUDE LETTERING NOT LESS THAN 3 INCHES (76 MM) IN HEIGHT WITH A MINIMUM 3/8 INCH STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING "FIRE AND/OR SMOKE BARRIER—PROTECT ALL OPENINGS" OR OTHER WORDING.
2. EVERY DOOR LATCH TO CLOSETS, STORAGE AREAS, KITCHENS, AND OTHER SIMILAR SPACES OR AREAS SHALL BE SUCH THAT CLIENTS CAN OPEN THE DOOR FROM INSIDE THE SPACE OR AREA. NFPA 101, 16.2.2.2.4
3. EVERY BATHROOM DOOR LOCK SHALL BE DESIGNED TO ALLOW OPENING OF THE LOCKED DOOR FROM THE OUTSIDE BY OPENING DEVICE THAT SHALL BE READILY ACCESSIBLE TO THE STAFF. NFPA 101, 16.2.2.2.5
4. ALL THERMOSTATS TO BE LOCATED IN THE LAUNDRY ROOM.

SITE MATERIAL LEGEND

- CONCRETE - SLOPE ALL CONCRETE AWAY FROM BUILDING AT A 2% MAX SLOPE
- SOFT PLAY SURFACE TO MEET ADA REQUIRMENT OVER CONCRETE. CONCRETE TO BE DROPPED WHERE SOFT SURFACE IS PRESENT SO THAT BOTH SURFACES ARE FLUSH WITH ONE ANOTHER. PROVIDE DRAINS AS SHOWN TO BE CONNECTED WITH STORMLINE
- GRASS OR TURF
- LANDSCAPE/PLANTING BED - SEE LANDSCAPE PLANS FOR LAYOUT

WALL PARTITION LEGEND:

- 2X WOOD STUD EXTERIOR WALL WITH BRICK VENEER AND FIBER CEMENT BOARD
- 2X6 WOOD STUD INTERIOR PARTITION WITH GYPSUM BOARD ON EACH SIDE - SEE STRUCTURAL FOR LOCATION OF SHEAR WALLS
- 2X4 WOOD STUD INTERIOR PARTITION WITH GYPSUM BOARD ON EACH SIDE
- SMOKE TIGHT PARTITION WALL TO MATCH DETAIL 3/A7.02. DOES NOT NEED TO BE RATED DUE TO ROOM BEING SPRINKLERED

NOTE:
1. REFER TO WALL SECTION SHEETS FOR DESCRIPTION OF THESE WALL / PARTITION SYSTEMS. CONTRACTOR IS RESPONSIBLE FOR FULL COMPLIANCE WITH APPLICABLE CODES AND DESIGN SYSTEMS. REFER TO APPROPRIATE PLANS FOR WALL LAYOUTS.

2. THE FOLLOWING SPACES SHALL RECEIVE SOUND ATTENUATION BLANKETS IN THE WALLS THAT SHALL GO TO DECK

TOILETS (ALL INTERIOR WALLS)
CLASSROOMS (IN COMMON WALL AND AT CORRIDOR WALL)
OFFICE (ALL INTERIOR WALLS)
(PROVIDE BLOCKING AS REQUIRED TO ACHIEVE A CONTINUOUS SOUND BARRIER)

3. (F.O.B) FACE OF BRICK

1 FLOOR PLAN - NOTED
1/8" = 1'-0"
0 4' 8' 16'

ACTUAL NORTH / PROJECT NORTH

7/31/2026 8:56:43 AM

architecture + interior design + planning
KSA
KLINE SWINNEY ASSOCIATES
48 LINDSLEY AVENUE NASHVILLE, TN 37210 | (615) 255-1854

American Institute of Architects
United States Green Building Council
National Council of Architectural Registration Boards
Construction Specifications Institute
American Correctional Association
Tennessee Society of Architects

TIMOTHY NOI SURRICA JAMES
REGISTERED
No. 104053
ARCHITECT
STATE OF TENNESSEE
07/15/2026

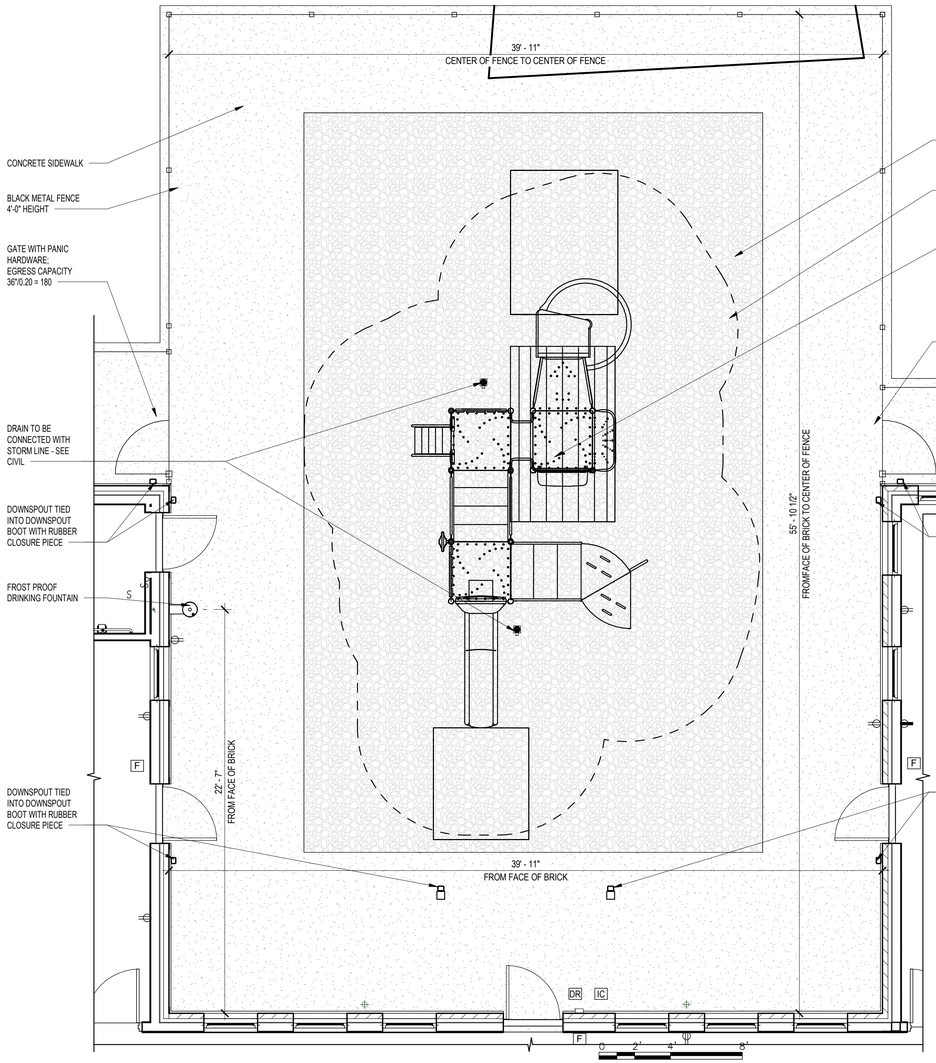
Reproduction of these drawings or any part thereof is prohibited without written approval of the architect, KLINE SWINNEY ASSOCIATES.
These drawings are protected by U.S. copyright laws and violators are subject to legal recourse.

FLOOR PLAN - NOTED

ACADEMY AT HARDIN VALLEY
DAYCARE - CENTER
2424 BERTELKAMP LN
KNOXVILLE, TN 37932

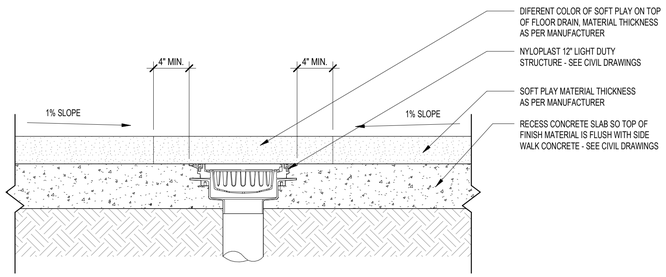
REVISIONS

PROJECT NO. 2520
DATE 06/20/2026
SHEET NO. A1.01n



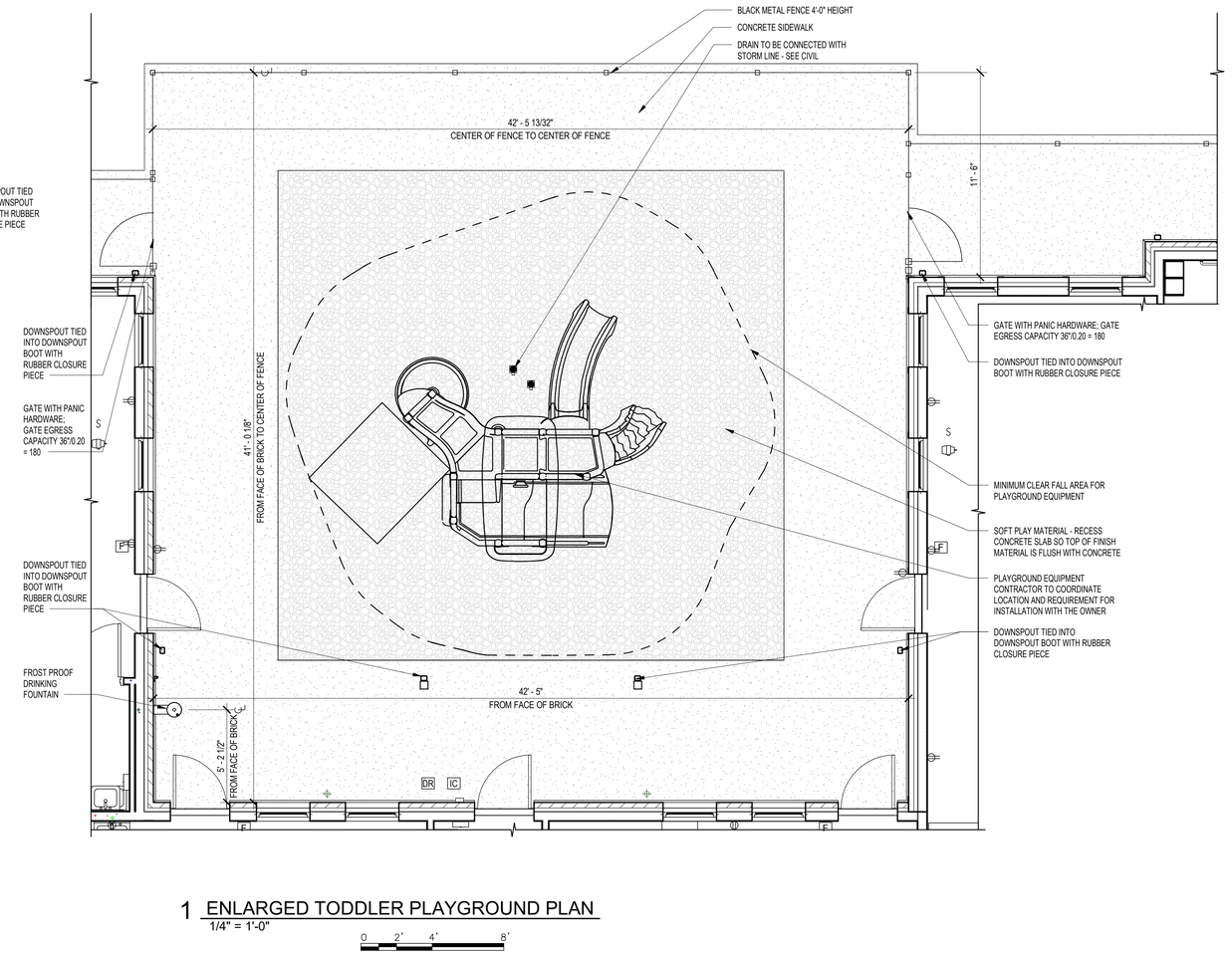
2 ENLARGED 2-5 YEARS OLD PLAYGROUND PLAN

1/4" = 1'-0"



3 PLAYGROUND DRAIN DETAIL

1 1/2" = 1'-0"



1 ENLARGED TODDLER PLAYGROUND PLAN

1/4" = 1'-0"

PLAYGROUND FINISH LEGEND

CONCRETE

SOFT PLAY SURFACE OVER CONCRETE. CONCRETE FINISH ELEVATION TO BE LOWER WHERE SOFT SURFACE IS PRESENT SO THAT BOTH SURFACES ARE FLUSH WITH ONE ANOTHER

NOTES:

1. DIMENSIONS OF PLAYGROUND ARE BASED ON EQUIPMENT PROVIDE BY OWNER. CONTRACTOR TO VERIFY AND COORDINATE WITH DESIGNER THAT FALL ZONES FIT WITHIN THE DESIGNATED SOFT SURFACE AREA.
2. CONTRACTOR TO COORDINATE PLAYGROUND DRAIN LOCATIONS WITH EQUIPMENT.
3. SEE PLAYGROUND DRAIN DETAIL 3 / A4.02

architecture + interior design + planning

KSA

KLINE SWINNEY ASSOCIATES

48 LINDSLEY AVENUE NASHVILLE, TN 37210 | (615) 255-1854

American Institute of Architects
United States Green Building Council
National Council of Architectural Registration Boards
Construction Specifications Institute
American Correctional Association
Tennessee Society of Architects



Reproduction of these drawings or any part thereof is prohibited without written approval of the architect, KLINE SWINNEY ASSOCIATES.
These drawings are protected by U.S. copyright laws and violators are subject to legal recourse.

ENLARGED PLAYGROUND PLANS

ACADEMY AT HARDIN VALLEY
DAYCARE - CENTER
2424 BERTELKAMP LN
KNOXVILLE, TN 37932

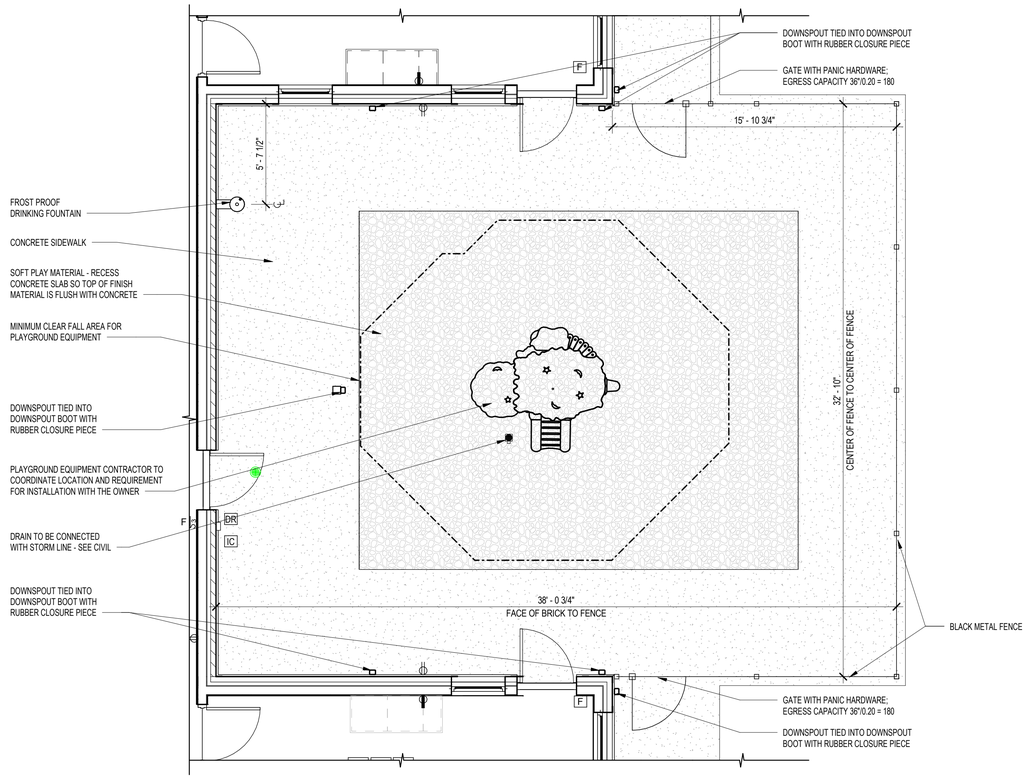
REVISIONS

PROJECT NO. 2520

DATE 06/20/2026

SHEET NO. **A4.02**

7/31/2026 8:57:01 AM



1 ENLARGED INFANT PLAYGROUND PLAN
1/4" = 1'-0"
0 2' 4' 8'

PLAYGROUND FINISH LEGEND

CONCRETE

SOFT PLAY SURFACE OVER CONCRETE. CONCRETE FINISH ELEVATION TO BE LOWER WHERE SOFT SURFACE IS PRESENT SO THAT BOTH SURFACES ARE FLUSH WITH ONE ANOTHER

NOTES:

1. DIMENSIONS OF PLAYGROUND ARE BASED ON EQUIPMENT PROVIDE BY OWNER. CONTRACTOR TO VERIFY AND COORDINATE WITH DESIGNER THAT FALL ZONES FIT WITHIN THE DESIGNATED SOFT SURFACE AREA.
2. CONTRACTOR TO COORDINATE PLAYGROUND DRAIN LOCATIONS WITH EQUIPMENT.
3. SEE PLAYGROUND DRAIN DETAIL 3 / A4.02

KSA
KLINE SWINNEY ASSOCIATES
48 LINDSLEY AVENUE NASHVILLE, TN 37210 | (615) 255-1854
architecture + interior design + planning
American Institute of Architects
United States Green Building Council
National Council of Architectural Registration Boards
Construction Specifications Institute
American Correctional Association
Tennessee Society of Architects

TIMOTHY ROY SURRICA JAMES
REGISTERED ARCHITECT
No. 104053
STATE OF TENNESSEE
07/15/2026

Reproduction of these drawings or any part thereof is prohibited without written approval of the architect, KLINE SWINNEY ASSOCIATES.
These drawings are protected by U.S. copyright laws and violators are subject to legal recourse.

ENLARGED PLAYGROUND PLANS

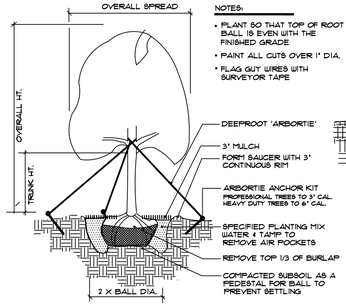
ACADEMY AT HARDIN VALLEY
DAYCARE - CENTER
2424 BERTELKAMP LN
KNOXVILLE, TN 37932

REVISIONS

PROJECT NO. 2520
DATE 06/20/2026
SHEET NO. A4.03

7/31/2026 8:57:02 AM

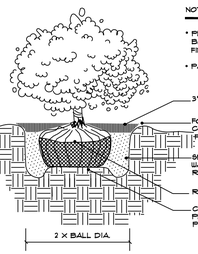
11-B-26-UR



NOTES:
- PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE
- PAINT ALL CUTS OVER 1" DIA.
- FLAG GUY WIRES WITH SURVEYOR TAPE

TREE PLANTING - GUY STRAPS

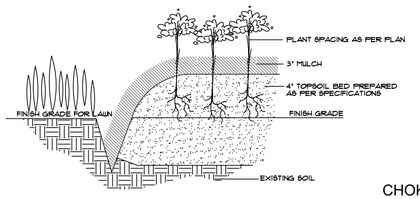
SCALE: NOT TO SCALE



NOTES:
- PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE
- PAINT ALL CUTS OVER 1" DIA.

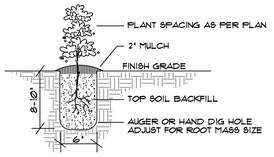
SHRUB PLANTING

SCALE: NOT TO SCALE



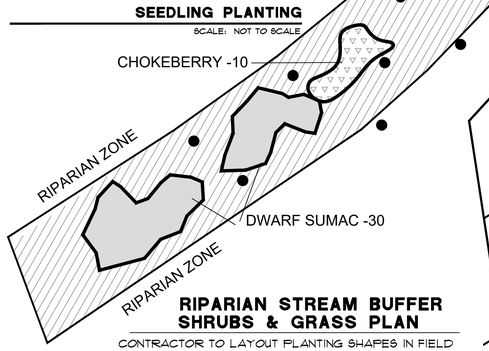
BED PREPARATION

SCALE: NOT TO SCALE



SEEDLING PLANTING

SCALE: NOT TO SCALE



RIPARIAN STREAM BUFFER SHRUBS & GRASS PLAN

CONTRACTOR TO LAYOUT PLANTING SHAPES IN FIELD AND SECURE LANDSCAPE ARCHITECTS APPROVAL PRIOR TO PLANT INSTALLATION.

PLANT SCHEDULE:

MATERIAL LIST IS FOR CONVENIENT OF CONTRACTOR.
CONTRACTOR RESPONSIBLE FOR COMPLETE INSTALLATION AS PER PLAN.

QTY	COMMON / BOTANICAL NAME	SIZE	CAL
TREES			
11	ALLEE®LACEBARK ELM / Ulmus parvifolia 'Allee'	12-14'H	2.5"Cal
6	EUROPEAN HORNBEAM / Carpinus betulus 'Fastigiata'	12-14'H	2.5"Cal
17	LONDON PLANE TREE / Platanus x acerifolia	10'H	2" Cal. Min.
DECIDUOUS TREES			
6	PIN OAK / Quercus palustris	12-15'H	2.5"Cal
3	TULIP TREE / Liriodendron tulipifera	10'H	2"Cal
EVERGREEN TREES			
3	BRAKENS MAGNOLIA / Magnolia grandiflora 'Brackens'	10'H	4"Cal
3	DWARF SWEETBAY / Magnolia virginiana 'Dwarf'	5-6'H	
12	FOSTER HOLLY / Ilex attenuata 'Foster's'	8'H	
FLOWERING TREES			
3	CRAPE MYRTLE - Natchez / Lagerstroemia indica	12-14'H	2.5" cal. (3 canes)
10	RED BUD / Cercis canadensis	6-7'HT.X3'SP.	2"Cal
QTY	COMMON / BOTANICAL NAME	SIZE	CONT
DECIDUOUS SHRUBS			
6	DISSECTUM MAPLE / Acer palmatum 'Dissectum'	36"HX36"W	B&B
17	DWARF HYDRANGEA / Hydrangea paniculata 'Little Lime'	15-18" H	3 gal
20	OAKLEAF HYDRANGEA / Hydrangea quercifolia	24-30"H	B&B
EVERGREEN SHRUBS			
6	CHESTNUT HILL LAUREL / Prunus laurocerasus 'Chestnut Hill'	18"H	B&B
17	DWARF BOXWOOD / Buxus sempervirens 'Suffruticosa'	20"HX18"W	B&B
5	OTTO LUYKEN LAUREL / Prunus laurocerasus 'Otto Luyken'	30-36" HT.	B&B
61	PLUM YEW / Cephalotaxus harringtonia 'Prostrata'	12-15"H	3 gal
QTY	COMMON / BOTANICAL NAME	CONT	SPACING
GROUND COVERS			
35	AUTUMN FERN / Dryopteris erythrosora	1 gal	18" O.C.
58	GRUL Iris bearded	1 gal@	18" O.C.
668	LIRIOPE / Liriope muscari 'Big Blue'	4"pot@	12" O.C
258	MONDO GRASS / Ophiopogon japonicus	1 gal	12" O.C

	103	DWARF SUMAC / Rhus copallinum 'Latifolia'	18" ht. min. seedling	5' X 5' grid
	38	CHOKEBERRY / Aronia melanocarpa	12-18" ht. min. seedling	5' x 5' grid
	9,560 SQFT.	SWITCH GRASS / Panicum virgatum 'Blackwell' INSTALL AS PER SUPPLIERS' SPECIFICATIONS	seed	10 LBS. PLS PER ACRE. 10 LBS. PLS PER ACRE.

LANDSCAPE REQUIREMENTS:

PARKING, BUILDING & DEVELOPABLE SITE 1.35 ACRES.
REQUIRED TREES -11 PROPOSED TREES -38
RIPARIAN ZONE
REQUIRED TREES- NOT DEFINED PROPOSED TREES - 21
EXISTING WOODLAND TREES TO BE PRESERVED.

PARKING - BUILDING - RIPARIAN LANDSCAPE

0 10 20 40
1 INCH = 20 FT.

Tennessee 811
Know what's below. Call before you dig.

PLANTING SPECIFICATIONS

SCOPE OF WORK
PROVIDE ALL LABOR AND EQUIPMENT NECESSARY FOR A COMPLETE AND QUALITY LANDSCAPE AS PER PLANS AND SPECIFICATIONS.

REFERENCES AND STANDARDS
PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, AND ORDINANCES.

PROVIDE LICENSES AND NECESSARY PERMITS PRIOR TO BEGINNING WORK.
CARRY GENERAL LIABILITY AND WORKMAN'S COMPENSATIONS INSURANCE IN AMOUNTS REQUIRED BY THE STATE.

QUALITY OF ALL MATERIALS SHALL MEET OR EXCEED THE STANDARDS OF THE 'AMERICAN STANDARD FOR NURSERY STOCK' LATEST EDITION, AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.

PROJECT CONDITIONS
REVIEW AND BECOME FAMILIAR WITH SITE CONDITIONS AND CONSTRUCTION DOCUMENTS. PROTECT ALL UTILITIES AND EXISTING FACILITIES. FIELD VERIFY ROW / PROPERTY LINE WITH OWNER.
IF CONDITIONS DETRIMENTAL TO PLANT GROWTH AND INSTALLATION ARE ENCOUNTERED, (IE. ADVERSE DRAINAGE CONDITIONS AND OBSTRUCTIONS) CONTACT THE LANDSCAPE ARCHITECT FOR INSTRUCTIONS.

LAYOUT
LAYOUT AND STAKE ALL SITE WORK AND PLANTINGS.
CONTACT LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO START OF WORK.
ALLOW THREE DAYS AFTER NOTIFICATION OF STAKING FOR APPROVAL.

THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST PLANTINGS, LOCATIONS, ETC. TO ACCOMMODATE LOCAL CONDITIONS. SUCH ADJUSTMENTS, IF MADE, WILL BE DEEMED CLARIFICATIONS AND NOT CHANGE ORDERS.

EROSION CONTROL AND SITE CLEANUP
PROVIDE EROSION CONTROL AS NECESSARY. MAINTAIN SITE CLEANUP THROUGHOUT WORK AND PROVIDE A FINAL JOB CLEANUP.

TREES SHRUBS AND GROUNDCOVERS

PLANT MATERIAL
NURSERY GROWN, SOUND, HEALTHY AND VIGOROUS, WELL BRANCHED AND DENSELY FOLIATED WHEN IN LEAF AND HAVE HEALTHY, WELL DEVELOPED ROOT SYSTEM.
GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN LOCALITY OF PROJECT (PREFERABLY WITHIN A 200-MILE RADIUS OF THE PROJECT SITE)
PLANTS MUST BE EQUAL OR EXCEED THE MEASUREMENTS DENOTED IN THE PLANT LIST, WHICH ARE MINIMUM ACCEPTABLE SIZES.
PRUNE ONLY AS DIRECTED BY LANDSCAPE ARCHITECT, IN NO CASE SHOULD THE PLANTS BE PRUNED BACK TO AN EXTENT THAT THEY NO LONGER MEET THE SPECIFICATIONS.

SUBMITTALS
PROVIDE VERIFICATION OF PLANT INSPECTION CERTIFICATES, GENUS, SPECIES AND VARIETY, PROPOSED SCHEDULE OF WORK, SOIL TEST RESULTS, PROPOSED RATES OF APPLICATION OF FERTILIZERS AND SOIL CONDITIONERS PRIOR TO INSTALLATION.

PLANT INSPECTION
THE LANDSCAPE ARCHITECT MAY INSPECT PLANT MATERIALS EITHER AT THE PLACE OF GROWTH OR AT THE SITE BEFORE PLANTING. DEFECTIVE OR UNSATISFACTORY MATERIAL MAY BE REJECTED AT ANY TIME DURING PROGRESS OF WORK.

SOIL AMENDMENTS
FERTILIZER: COMMERCIAL GRADE, 10-6-4 FORMULA CONFORMING TO U.S. DEPARTMENT OF AGRICULTURAL STANDARDS DELIVERED IN ORIGINAL UNOPENED CONTAINERS BEARING MANUFACTURER'S GUARANTEED ANALYSIS AND MIXTURE.

EXISTING SOIL
CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY EXISTING SOIL CONDITION FOR DRAINAGE AND NUTRIENT CONTENT REPORT ANY PROBLEMS TO LANDSCAPE ARCHITECT PRIOR TO BEGINNING PLANT INSTALLATION.

TOP SOIL
1. FERTILE, FRIABLE, NATURAL LOAM, TYPICAL FOR LOCALITY,
2. AGRICULTURAL SOIL, CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH.
3. TAKEN FROM WELL-DRAINED SITE.
4. FREE OF SUBSOIL, CLAY LUMPS OR STONES LARGER THAN ONE INCH IN DIAMETER, PLANTS, WEEDS, AND ROOTS.
5. HAVING PH VALUE OF 5.4 MINIMUM AND 7.0 MAXIMUM.
6. CONTAINING 6 PERCENT MINIMUM ORGANIC MATTER.
7. TEST TOPSOIL TO INSURE PROPER PERCENTAGE OF NITROGEN, PHOSPHORUS, AND POTASH, ORGANIC MATTER AND PH VALUE

UNLESS SPECIFIED IN PLANTING SCHEDULE ALL PLANTING AREAS TO HAVE 12 INCHES OF TOPSOIL AND ALL LAWN AREAS TO HAVE 4 INCHES OF TOP SOIL.

PLANTING SOIL MIX:
5 PARTS TOPSOIL (LOAM) AND 2 PARTS SAND (USE WITH CLAY LOAMS OR SILTY LOAMS)

NOTE: PLANTING SOIL MIX MAY BE SUBSTITUTED WITH APPROVED TOPSOIL.

PREPARED PLANTING BED AREAS (ANNUALS & GROUNDCOVERS)
1. TILL SOIL TO A DEPTH OF 12 INCHES.
2. ADD MINIMUM OF 4 INCHES TOPSOIL AND 1 INCHES PEAT.
3. EVENLY TILL TO DEPTH OF 6 INCHES.
4. RAKE TO LEVEL GRADE THEN ADD 2 INCHES FINE BARK MULCH PRIOR TO PLANTING.

LANDSCAPE BEDS
ALL LANDSCAPE BEDS TO BE 4 TO 6 INCHES HIGHER THAN EXISTING FINISHED GRADE. TAPER BEDS ADJACENT TO HARDSCAPE SURFACES AND INSTALL 'V' TRENCH EDGE ADJACENT TO LAWNS (SEE DETAIL).

MULCHES
MULCHES SHALL BE FREE FROM MATURED SEED, NOXIOUS WEEDS, EGG CASES, HARMFUL INSECTS, OR ANY SPECIES OR CHEMICAL DETRIMENTAL TO THE DEVELOPMENT OF PLANTS AND HUMANS. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR CONTROL OF NOXIOUS WEEDS INTRODUCED ON THE SITE IN THE MULCH FOR PERIOD OF ON YEAR AFTER SUBSTANTIAL COMPLETION OF THE WORK. MULCHES SHALL EXHIBIT UNIFORM TEXTURE COLOR AND PARTICLE SIZE. SECURE LANDSCAPE ARCHITECT'S APPROVAL FOR SPECIFIC MULCH TYPE.

PROTECTION
PROTECT WORK FROM EROSION, FLOODING, WINDS AND RAIN. REPAIR OR REPLACE ANY DAMAGED AREAS.

PLANTING
REMOVE BURLAP AND TIES FROM TOP AND PARTIAL SIDES OF ALL PLANT BALLS.
PLANT ALL TREES, SHRUBS AND GROUND COVERS AS PER PLANTING DETAILS.
ROOTS OF GROUNDCOVER TO BE PLANTED IN SOIL NOT MULCH TOP DRESSING.

MAINTENANCE
MAINTAIN PLANTINGS (WATERING, WEEDING, FERTILIZING, CULTIVATION, DISEASE AND INSECT CONTROL, STAKING, ETC.) UNTIL FINAL INSPECTION AND ACCEPTANCE.

SUBMIT WRITTEN MAINTENANCE INSTRUCTIONS TO LANDSCAPE ARCHITECT.

INSPECTION AND ACCEPTANCE
UPON COMPLETION OF PLANTING, REQUEST AN INSPECTION FOR PROJECT ACCEPTANCE. ONLY PLANTING SHOWING SIGNS OF HEALTHY GROWTH AND SATISFACTORY CONDITION OF FOLIAGE WILL BE ACCEPTED. MAINTAIN THE PROJECT UNTIL ALL INSPECTION PUNCH LIST ITEMS (EXCLUSIVE OF SEASON REPLACEMENT PLANTING) HAVE BEEN CORRECTED TO THE SATISFACTORY OF THE LANDSCAPE ARCHITECT.

GUARANTEE AND REPLACEMENT
GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR AFTER DATE OF PROJECT ACCEPTANCE. GUARANTEE AGAINST DEFECTS, INCLUDING DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR DEFECTS RESULTING FROM NEGLECT BY OWNER, ABUSE OR DAMAGE BY OTHERS, OR UNUSUAL PHENOMENA OR INCIDENTS WHICH ARE BEYOND CONTRACTOR'S CONTROL. IMMEDIATELY REMOVE AND REPLACE TREES, SHRUBS, OR OTHER PLANTS FOUND TO BE UNSATISFACTORY DURING GUARANTEE PERIOD

LAWNS AND GRASSES

QUALITY ASSURANCE
PROVIDE FRESH, CLEAN, NEW-CROP SEED COMPLYING WITH TOLERANCE FOR PURITY AND GERMINATION ESTABLISHED BY OFFICIAL SEED ANALYSTS OF NORTH AMERICA. SUBMIT SEED VENDOR'S CERTIFIED STATEMENT FOR EACH GRASS SEED MIXTURE.

PROJECT CONDITIONS
PROCEED WITH AND COMPLETE LAWNS AND GRASSES AS PORTIONS OF SITE BECOME AVAILABLE, WORKING WITHIN SEASONAL LIMITATIONS. PROJECT MANAGER TO INFORM CONTRACTOR AS PARTS OF SITE BECOME AVAILABLE AND ESTABLISH A REASONABLE SCHEDULE TO PERFORM WORK.

FERTILIZER AND LIME
FERTILIZER WITH COMMERCIAL FERTILIZER. PERCENTAGE TO BE DETERMINED WITH ANALYSIS AND SEASON OF INSTALLATION.
LIME TO BE NATURAL DOLOMITIC LIMESTONE CONTAINING NOT LESS THAN 85% CARBONATES. MINIMUM OF 30 % MAGNESIUM CARBONATES.

SEED
SEED MIXTURE AND RATE OF APPLICATION SHALL BE AS SPECIFIED IN MATERIAL LIST.

SEED AND SOD SOIL PREPARATION
1. TILL TO A DEPTH OF NOT LESS THAN 6 INCHES.
2. ELIMINATE UNEVEN AREAS AND LOW SPOTS. MAKE CHANGES IN GRADE GRADUAL.
3. TILL SOIL TO A HOMOGENOUS MIXTURE OF FINE TEXTURE, FREE OF CLODS.
4. REMOVE STONES LARGER THAN ONE INCH AND OTHER EXTRANEOUS MATERIAL.
5. APPLY TOPSOIL LAYER IF SPECIFIED.
6. APPLY LIME AT RATE REQUIRED TO ACHIEVE PH RANGE BETWEEN 6.0 AND 6.5.
7. APPLY FERTILIZED AT RATE REQUIRED BY ANALYSIS.
8. MIX THOROUGHLY IN UPPER TWO INCHES OF TOPSOIL

SEEDING AND STRAWING
APPLY SEED AT RATE SPECIFIED OR AS NECESSARY TO INSURE A UNIFORM AND FULL STAND OF GRASS, EVENLY, BY SOWING EQUAL QUANTITY IN 2 DIRECTIONS AT RIGHT ANGLES TO EACH OTHER.
RAKE SEED LIGHTLY INTO TOP 1/4 INCH OF SOIL AND ROLL SEEDED AREA WITH ROLLER NOT EXCEEDING 112 LBS. IMMEDIATELY FOLLOWING ROLLING, APPLY STRAW UNIFORMLY TO FORM A CONTINUOUS BLANKET NOT LESS THAN 1-1/2 INCH LOOSE MEASURE. MAINTAIN CLEAR OF TREES AND SHRUBS.
ON SEEDED SLOPES, WHERE GRADE IS 3:1 OR GREATER, COVER WITH EROSION FABRIC.

SODDING
LAY SOD TIGHT WITH NO OPEN JOINTS AND NOT OVERLAPPING. TAMP OR ROLL LIGHTLY TO ENSURE CONTACT WITH SUBGRADE.
ON SLOPES GREATER THAN 3:1, INSTALL SOD STAPLES.

LAWN MAINTENANCE
MAINTAIN LAWNS UNTIL GRASS IS WELL ESTABLISHED AND EXHIBITS A VIGOROUS GROWING CONDITION.
IF SEEDED IN FALL AND IF NOT CONSIDERED ACCEPTABLE AT THAT TIME, CONTINUE MAINTENANCE THE FOLLOWING SPRING UNTIL ACCEPTABLE LAWN IS ESTABLISHED.
MAINTAIN LAWNS BY WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING, AND OTHER OPERATIONS SUCH AS ROLLING, RE-GRADING, AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE, LAWN, FREE OF ERODED OR BARE AREAS.

NATIVE GRASSES

QUALITY ASSURANCE
PROVIDE FRESH, CLEAN, NEW-CROP SEED COMPLYING WITH TOLERANCE FOR PURITY AND GERMINATION ESTABLISHED BY OFFICIAL SEED ANALYSTS OF NORTH AMERICA. SUBMIT SEED VENDOR'S CERTIFIED STATEMENT FOR NATIVE SEED. SUPPLIER INFORMATION: STOCK SEED FARMS, MURDOCK, NE. CONTACT: MIKE PRITZ.

SEED SOIL PREPARATION
1. SCALP EXISTING GRASS COVER IN PROPOSED PLANTING AREAS PRIOR TO PLANT / SEEDLING INSTALLATION.
2. APPLY LIME AT RATE REQUIRED TO ACHIEVE PH RANGE BETWEEN 6.0 AND 6.5.

SEEDING - SWITCHGRASS
APPLY SEED WITH DRILL SEEDER AT RATE OF 10 LBS. PLS PER ACRE, AT A DEPTH OF 0.25 - 0.50 INCHES DEEP.
SEEDING DATE: SPRING MAY-JUNE. VERIFY APPLICATION WITH SUPPLIER.

STAKE AREAS TO RECEIVE NATIVE GRASS SEEDING. MOW AREAS AT A DEPTH OF 4-6 INCHES FOR A PERIOD OF ONE YEAR TO ALLOW NATIVE SEED TO ESTABLISH.

MAINTENANCE
MAINTAIN SEEDING UNTIL SWITCHGRASS SEED IS WELL ESTABLISHED AND EXHIBITS A VIGOROUS GROWING CONDITION.

MICHAEL VERSEN & ASSOCIATES
LANDSCAPE ARCHITECTURE ... LAND PLANNING
299 N. WEISGARBER RD. SUITE 201 KNOXVILLE, TN. 37919
(865) 588-1331

ACADEMY DAYCARE
0 Bertel Kamp Ln. Knoxville, TN 37919

Landscape Plan

JOB NO.	226032
DRAWN:	MAV
REVISION: COUNTY REVIEW COMMENTS:	OCT. 19, 2026

L-1