Marion County Schools Parking Lot

Lebanon, Kentucky

for the

Marion County Board of Education

755 East Main Street Lebanon, Kentucky 40033
p 270.690.3721

BG 25-345
RTA # 25011

rosstarrant architects

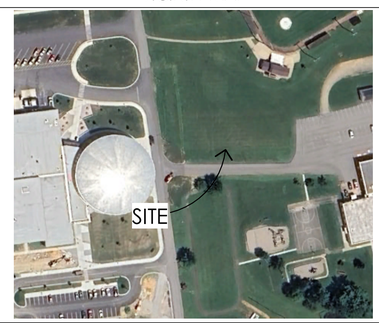
101 old lafayette avenue
lexington, kentucky 40502
p 859.254.4018
www.rosstarrant.com

enhancing education through great design

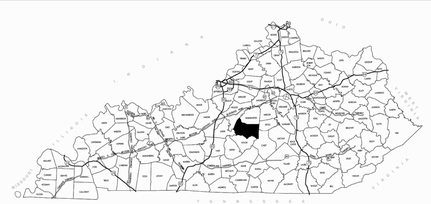
PROJECT SITE ADDRESS:

735 East Main Street
Lebanon, Kentucky
40033

VICINITY MAP



PROJECT VICINITY MAP



INDEX OF DRAWINGS

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

COVER SHEET
MARION COUNTY SCHOOLS PARKING LOT
FOR:
MARION COUNTY BOARD OF EDUCATION
LEBANON, KENTUCKY

BG 25-345

Project No:	25011
Drawn By:	ACM
Rev'd By:	RB/MM

SHEET RELEASE

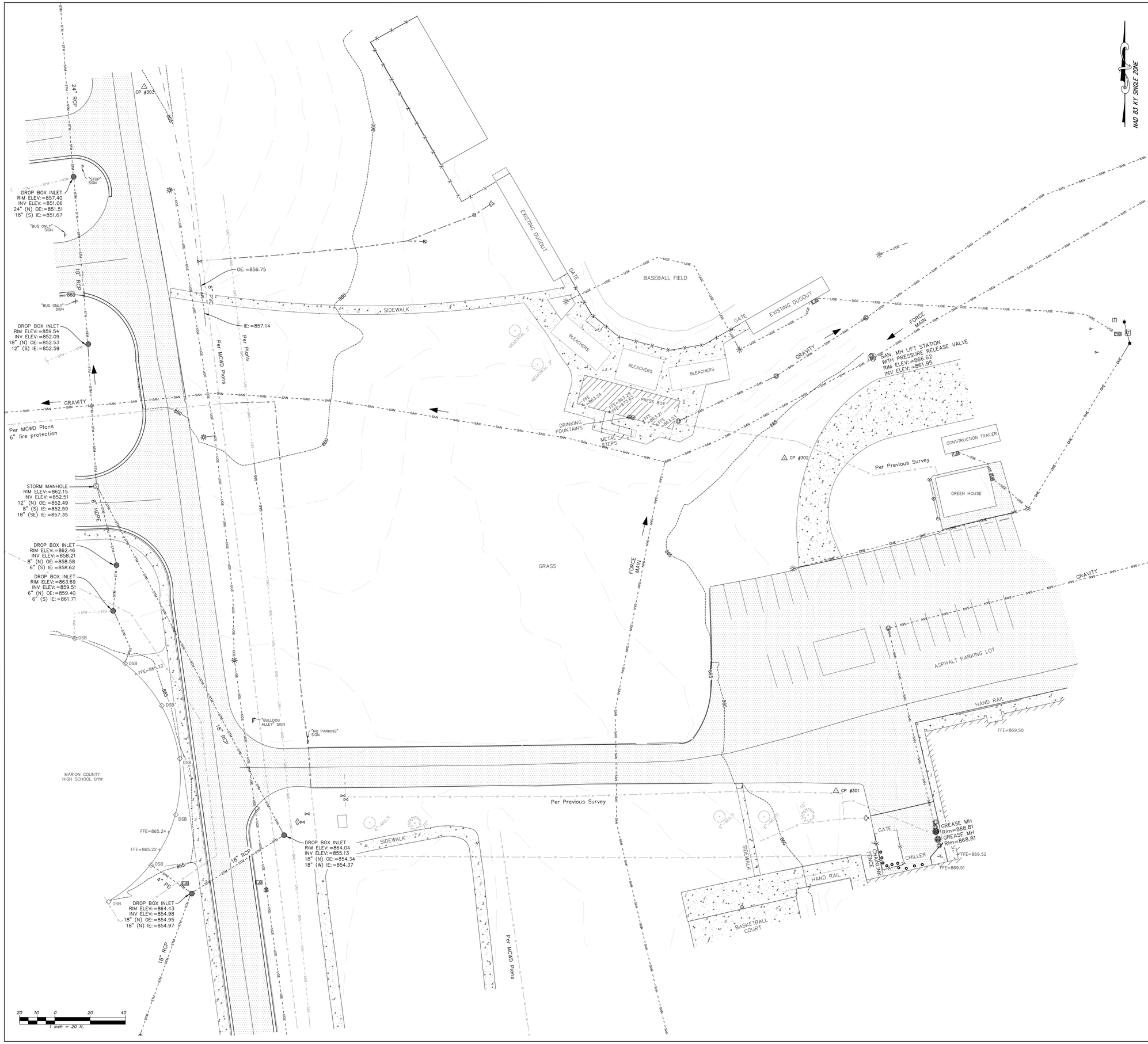
1	
2	
3	
4	
5	
6	
7	
8	

CONSTRUCTION DOCUMENTS

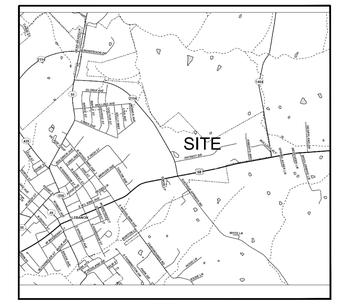
G0.0

COVER SHEET

DATE ISSUED:
JUNE 3, 2025



NAD 83 KY SINGLE ZONE



VICINITY MAP
NOT TO SCALE
LAT. : 37°34'43.38" N
LONG.: 85°13'50.82" W
MARION COUNTY, KENTUCKY

CONTROL

SITE CONTROL:
Survey Control for this survey was established by redundant GPS observation established on April 30, 2025. The horizontal coordinates for this survey are based on NAD83, Kentucky Single Zone, US Survey Feet. With reference to NAVD88 (Geoid18B)

CP #301
NORTHING=3734788.819
EASTING=5073809.336
ELEVATION=866.76
MAG NAIL

CP #302
NORTHING=3734977.371
EASTING=5073780.196
ELEVATION=866.94
MAG NAIL

CP #303
NORTHING=3735187.836
EASTING=5073417.607
ELEVATION=855.04
MAG NAIL

CP #304
NORTHING=3734645.201
EASTING=5073459.407
ELEVATION=864.38
MAG NAIL

LEGEND

- Control Point
- Utility Pole
- Guy Wire
- Sign (Noted)
- Water Valve
- Light Pole
- Elec. Pedestal
- Elec. Meter
- Existing Building
- Water Meter
- Transformer
- Electric Junction Box
- Sanitary Sewer Manhole
- Storm Inlet
- Water Line
- Underground Electric
- Flow Line
- San. Sewer
- Storm Sewer
- OH Electric
- Fence Line

NOTES

The bearing datum for this survey plat is based on NAD 83, Kentucky State Plane Coordinates, Single Zone, US Survey Feet.

Real Time Kinematics "RTK" survey methods were used to obtain coordinate values for this entire survey using Trimble R12i GNSS multi-frequency receivers. Control is based on redundant GPS observations tied to horizontal and vertical datum on the data of field observation April 30, 2025.

The subject Property shown hereon does not lie within a flood hazard zone as indicated by Flood Rate Insurance Rate Map 21155C0180D, dated 05/23/2023.

Utility locations were surveyed on site on the date of the field survey. The location of utilities hereon are based on a KYB11 Utility Locate Request, observed evidence, previous surveys and plans provided by client, and utilizing a utility line locator (Rigid SR50 and ST-33QR TX). The force main location was determined by found evidence and on-site contact. No tracing wire was found.
-Eddie Masterson 270.692.8745

QK4 follows ASCE Utility Location Standards for SUE Level B requirements. SUE Level B results can be repeated, but lacking excavation, the exact location of the underground feature cannot be accurately, completely, and reliably depicted. Other utilities may exist and not be shown.

This survey complies with 201 KAR 18:150 Standards of Practice for Professional Land Surveyors in Kentucky. THIS IS NOT A BOUNDARY SURVEY. Lot lines are shown for indexing purposes only and should not be construed to be true and accurate. Project area lies entirely within the overall boundary of the subject property.

CERTIFICATION

I certify that the topographic survey shown hereon and the topographic measurements annotated on this plat are true and correct to the best of my ability and belief. No effort was put to locate the property boundary or certify the measurements as relate to the property boundary of this parcel or adjoining lands. This survey does not comply with the regulations for a boundary survey under 201 KAR 18:150.

Robert Neuhaus, PLS # 3857 — 05/23/2025 Date

STATE of KENTUCKY
ROBERT NEUHAUS
3857
LICENSED PROFESSIONAL LAND SURVEYOR

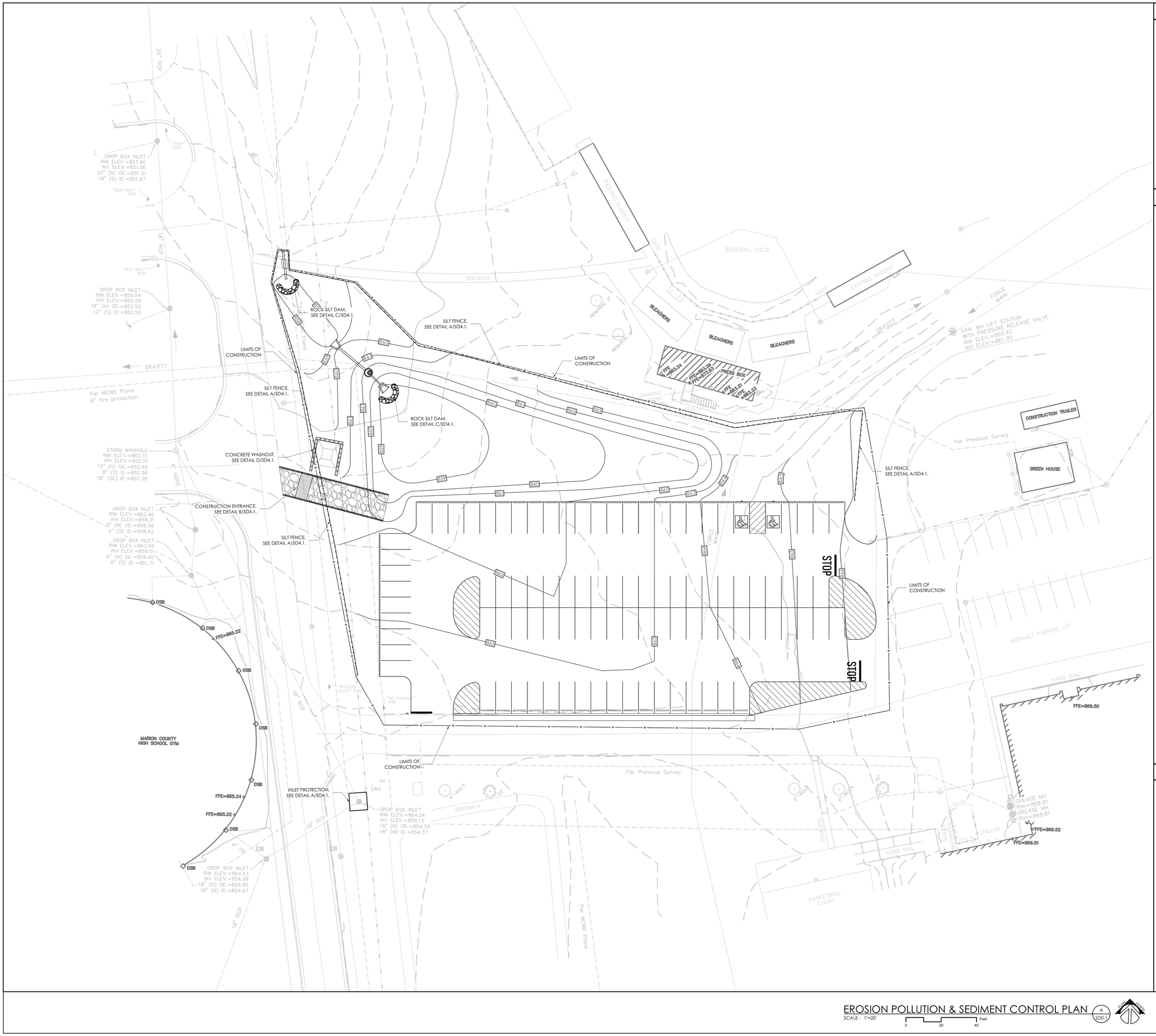
QK4
Engineering
Planning
9920 Corporate Campus Dr
Suite 1200
Louisville, KY 40223
Phone: (502) 0585-2222
Fax: (502) 581-0406
Web: www.Qk4.com

Site Address:
773 E MAIN STREET
LEBANON,
MARION COUNTY, KY 40033

TOPOGRAPHIC SURVEY

Survey Prepared For:
MARION COUNTY BOARD OF EDUCATION
773 EAST MAIN STREET
LEBANON, KY 40033

PROJECT NUMBER:	25556.000
DRAWN BY: VL	CHECKED BY: BN
SCALE:	1" = 20'
DATE:	MAY 23, 2025
SHEET NUMBER:	Sheet 1 of 1



GENERAL SITE NOTES

1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY QK4 ENGINEERING, 9920 CORPORATE CAMPUS DR. SUITE 1200, LOUISVILLE. KY40223. REFER TO SITE SURVEY SHEETS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
3. THE ARCHITECT AND ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.
4. THE CONTRACTOR SHALL USE EXTREME CARE IN WORKING AROUND EXISTING OVERHEAD AND UNDERGROUND UTILITIES. MEASURES SHOULD BE TAKEN TO PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION.
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.1 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.

SITE BMP NOTES

1. CONTRACTOR IS TO PROVIDE ALL KPDES PERMITS, NOTICES OF INTENT (NOI'S) AND NOTICES OF TERMINATION INCLUDING EROSION AND SEDIMENT CONTROL PLANS FOR ALL PHASES OF CONSTRUCTION. ALL KPDES AND RELATED DIVISION OF WATER REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE PROJECT IS CLOSED OUT AND THE NOTICE OF TERMINATION APPROVED.
2. SEDIMENT CONTROL FENCING SHOWN AND REFERENCES TO SEDIMENT CONTROLS AT STORM WATER STRUCTURES AND ELSEWHERE ON THE DOCUMENTS ARE NOT TO BE USED FOR DIVISION OF WATER REQUIREMENTS. THESE REFERENCES ARE ONLY REQUIRED BY THE DESIGNER FOR PROPER MAINTENANCE OF THE STORM WATER SYSTEM AND TO MINIMIZE CLEANING OF THE SYSTEM AND PAVEMENTS.
3. EXISTING VEGETATION IS TO BE LEFT INTACT UNTIL CONSTRUCTION IN THAT PARTICULAR LOCATION IS REQUIRED. SOIL STABILIZATION PRACTICES (SEEDING, MULCHING, ETC.) ARE TO BEGIN WITHIN 14 DAYS OF PERMANENT COMPLETION OR TEMPORARY HALT (21 DAYS OR MORE) OF WORK IN ANY PARTICULAR AREA.
4. PERIMETER SEDIMENT AND EROSION CONTROLS ARE TO BE INSTALLED PRIOR TO THE START OF SITE CLEARING AND GRUBBING. EROSION CONTROLS SHALL BE IN ACCORDANCE WITH KYTC. CONTROL SHALL BE ACCOMPLISHED BY USE OF INTERCEPTOR DITCHES, DITCH SILT CHECKS, TEMPORARY SEEDING AND OTHER MEASURES AS MAY BE EFFECTIVE IN ACHIEVING THE DESIRED EFFECT. SILT FENCE SHALL BE INSTALLED TO PREVENT EROSION AND WASH-OFF ONTO WALKS, PAVEMENTS AND ALL ADJOINING PROPERTIES.
5. INSTALL SEDIMENT CONTROL FENCE OR SEDIMENT TRAPS AROUND ALL STORM WATER INLETS AND MAINTAIN UNTIL VEGETATION IS ESTABLISHED OR AREA PAVED AS APPROVED BY THE ARCHITECT. STORM WATER INLET PROTECTION IS TO BE INSTALLED IMMEDIATELY AFTER INSTALLATION OF THE STRUCTURES. REMOVE PROTECTIONS AT THE COMPLETION OF THE PROJECT WHEN CONDITIONS NO LONGER WARRANT THEIR USE. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN FOR DETAILS.
6. TYPICAL SILT FENCE AND SEDIMENT TRAP INSTALLATION DETAILS ARE SHOWN ON THE EROSION POLLUTION AND SEDIMENT CONTROL PLAN. SEE KYTC STANDARDS FOR INFORMATION CONCERNING THE STONE SILT CHECKS.
7. SEDIMENT CONTROLS ARE TO BE INSPECTED, CLEANED AND REPAIRED AFTER EACH RAIN EVENT OF 0.5 INCHES OR MORE, BUT NO LESS THAN ONCE PER WEEK. A LOG OF INSPECTIONS AND CLEANING IS TO BE KEPT ON SITE.
8. THE LOCATIONS OF SEDIMENT CONTROLS SHOWN ARE FOR GENERAL PROTECTION PRACTICES AND NOT AS PART OF A BMP PLAN. IF CONSTRUCTION ACTIVITIES PRODUCE CONDITIONS THAT REQUIRE ADDITIONAL CONTROLS, IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE, INSTALL AND MAINTAIN THE CONTROLS UNTIL CONDITIONS NO LONGER WARRANT THEIR USE.
9. ALL STORM DRAINAGE CATCH BASINS, CURB INLETS, AND JUNCTIONS BOXES ARE TO RECEIVE PROTECTION FROM SEDIMENTATION. AT A MINIMUM A PERIMETER SILT FENCE SHOULD BE INSTALLED AROUND THE DRAINAGE STRUCTURE AND INSTALLED UNDER THE GRATE.
10. LOCATION OF CONSTRUCTION ENTRANCE TO BE COORDINATED WITH OWNER. SEE DETAIL B/SD0.1.
11. LOCATION OF CONCRETE WASHOUT AREA TO BE COORDINATED WITH OWNER. SEE DETAIL C/SD0.1.
12. EXTENTS OF SILT FENCE SHOWN ARE A MINIMUM REQUIREMENT. SILT FENCE IS TO BE ADDED/ADJUSTED AS NECESSARY FOR SOIL STOCKPILES.
13. LOCATION OF SOIL STOCKPILES IS TO BE COORDINATED BETWEEN THE OWNER AND THE CONTRACTOR. ANY AREAS USED FOR STOCKPILES ARE TO BE RETURNED TO THEIR ORIGINAL CONDITION.

LEGEND

- SEDIMENT CONTROL FENCE. ADDITIONAL FENCE MAY BE REQUIRED AT OTHER AREAS DURING CONSTRUCTION. SEE DETAIL A/SD4.1
- LIMITS OF CONSTRUCTION
- SILT CHECK DAM - SEE DETAIL C/SD4.1
- INLET PROTECTION. SEE DETAIL A/SD4.1
- CONSTRUCTION ENTRANCE. SEE DETAIL B/SD4.1
- CONCRETE WASHOUT AREA. SEE D/SD4.1

EROSION POLLUTION & SEDIMENT CONTROL PLAN
SCALE : 1"=20'
0 20 40 Feet
A SD0.1

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

EROSION POLLUTION & SEDIMENT CONTROL PLAN
MARION COUNTY PUBLIC SCHOOLS - NEW PARKING LOT
FOR:
MARION COUNTY BOARD OF EDUCATION
LEBANON, KENTUCKY

BG 25-345

Project No:	25011
Drawn By:	AM
Rev'd By:	MM

SHEET RELEASE		
1		
2		
3		
4		
5		
6		
7		
8		

CONSTRUCTION DOCUMENTS

SD0.1

EROSION POLLUTION & SEDIMENT CONTROL PLAN
DATE ISSUED:
JUNE 3, 2025

GENERAL SITE NOTES

1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY QK4 ENGINEERING, 9920 CORPORATE CAMPUS DR. SUITE 1200, LOUISVILLE. KY40223. REFER TO SITE SURVEY SHEETS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
3. THE ARCHITECT AND ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.
4. THE CONTRACTOR SHALL USE EXTREME CARE IN WORKING AROUND EXISTING OVERHEAD AND UNDERGROUND UTILITIES. MEASURES SHOULD BE TAKEN TO PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION.
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.1 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.

SITE DEMOLITION TAGS

◇ 0 EXISTING TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION.
- [a] BUILDING TO REMAIN. NO UTILITIES TO THESE FACILITIES ARE TO BE REMOVED UNLESS NEW PERMANENT UTILITY IS PROVIDED PRIOR TO DEMOLITION.
- [b] PAVEMENT TO REMAIN - PATCH/REPAIR WHERE DAMAGED BY CONSTRUCTION. SAW-CUT TO PROVIDE CLEAN EDGE. CONCRETE PAVING TO BE SAW-CUT BACK TO NEAREST UNDAMAGED CONTROL OR ISOLATION JOINT. MATCH NEW ADJACENT PAVEMENT TO EXISTING PAVEMENT ELEVATIONS.
- [c] TREE/VEGETATION TO REMAIN.
- [d] UTILITY TO REMAIN.
- [e] BLEACHER TO REMAIN.
- [f] FENCING TO REMAIN.
- [g] STORM LINE/STRUCTURE TO REMAIN.
- [h] RAILING TO REMAIN.
- [i] SIGN TO REMAIN.
- [j] CURB TO REMAIN.
- [k] STAIR TO REMAIN.

◇ 1 DEMOLISH AND REMOVE EXISTING ASPHALT PAVEMENT AND AGGREGATE BASE. SAWCUT EDGES.

◇ 2 DEMOLISH AND REMOVE EXISTING CONCRETE CURB/CURB AND GUTTER. SAW CUT TO PROVIDE CLEAN TRANSITION FOR ADJACENT NEW CURB AND PAVEMENT.

◇ 3 DEMOLISH AND REMOVE PAVEMENT STRIPING.

◇ 4 DEMOLISH AND REMOVE CONCRETE PAVEMENT.

◇ 5 DEMOLISH AND REMOVE STORM PIPE.

LEGEND

- ASPHALT PAVEMENT DEMOLITION
- CONCRETE PAVEMENT DEMOLITION
- LIMITS OF CONSTRUCTION
- SEDIMENT CONTROL FENCE. ADDITIONAL FENCE MAY BE REQUIRED AT OTHER AREAS DURING CONSTRUCTION. SEE DETAIL A/SD4.1

DEMOLITION PLAN

SCALE : 1"=20'

0 20 40 Feet

A SD0.2

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

DEMOLITION PLAN
MARION COUNTY PUBLIC SCHOOLS - NEW PARKING LOT
FOR:
MARION COUNTY BOARD OF EDUCATION
LEBANON, KENTUCKY

BG 25-345

Project No: 25011
Drawn By: AM
Rev'd By: MM

SHEET RELEASE

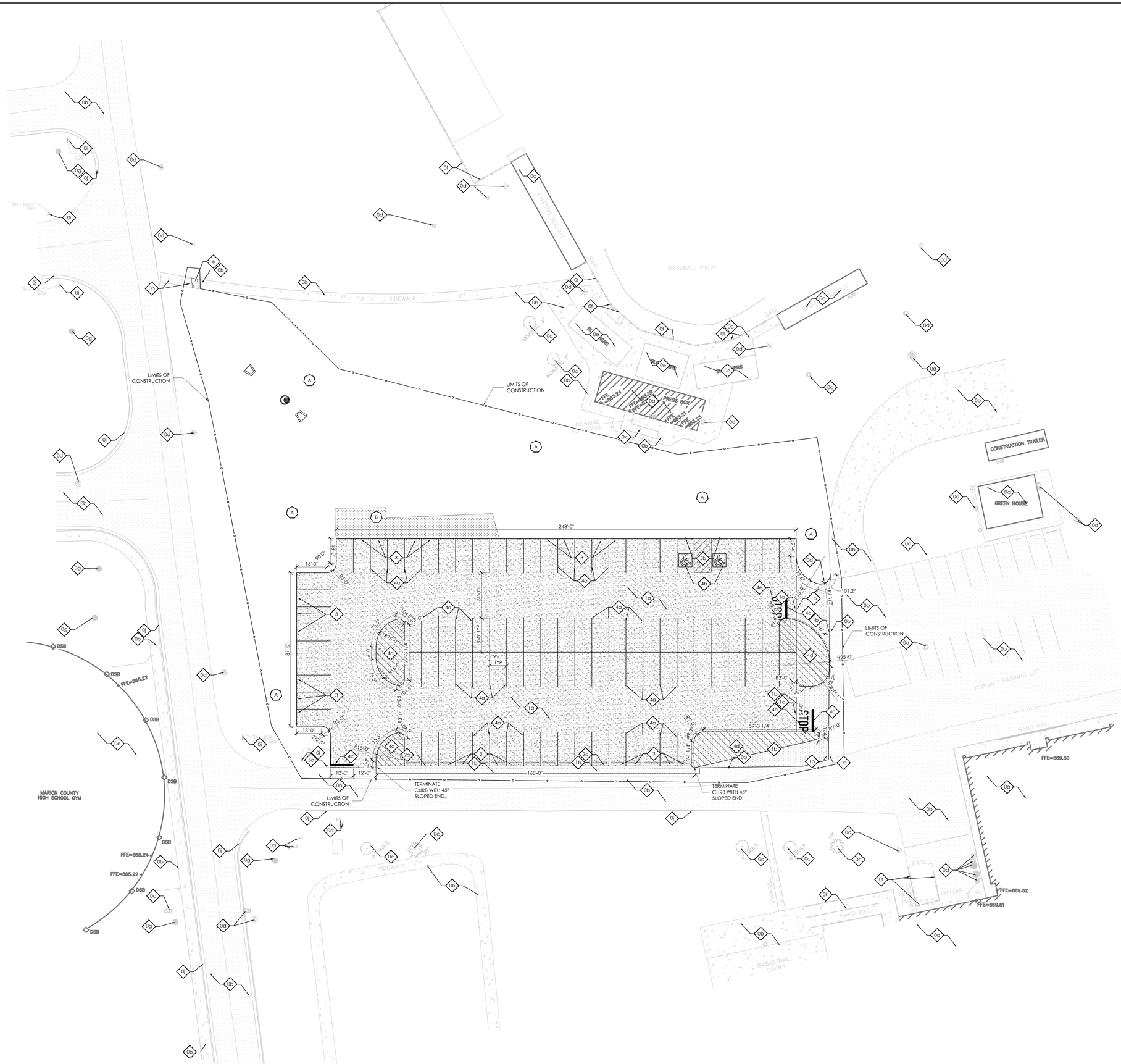
1		
2		
3		
4		
5		
6		
7		
8		

CONSTRUCTION DOCUMENTS

SD0.2

DEMOLITION PLAN

DATE ISSUED:
JUNE 3, 2025



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5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.1 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.

SITE DEVELOPMENT TAGS

0 EXISTING TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION.
- (a) BUILDING TO REMAIN. NO UTILITIES TO THESE FACILITIES ARE TO BE REMOVED UNLESS NEW PERMANENT UTILITY IS PROVIDED PRIOR TO DEMOLITION.
- (b) PAVEMENT TO REMAIN - PATCH/REPAIR WHERE DAMAGED BY CONSTRUCTION. SAW-CUT TO PROVIDE CLEAN EDGE. CONCRETE PAVING TO BE SAW-CUT BACK TO NEAREST UNDAMAGED CONTROL OR ISOLATION JOINT. MATCH NEW ADJACENT PAVEMENT TO EXISTING PAVEMENT ELEVATIONS
- (c) TREE/VEGETATION TO REMAIN.
- (d) UTILITY TO REMAIN.
- (e) BLEACHER TO REMAIN.
- (f) FENCING TO REMAIN.
- (g) STORM LINE/STRUCTURE TO REMAIN.
- (h) RAILING TO REMAIN.
- (i) SIGN TO REMAIN.
- (j) CURB TO REMAIN.
- (k) STAIR TO REMAIN.

1 ASPHALT PAVEMENT (321216)
- (a) LIGHT DUTY ASPHALT PAVING. SEE DETAIL G/SD4.1.
- (b) HEAVY DUTY ASPHALT PAVING. SEE DETAIL G/SD4.1.

2 CONCRETE CURB (321313, 321613, 321726)
- (a) 1' WIDE CURB. SEE DETAIL K/SD4.1.

3 CONCRETE WHEEL STOP (321713). SEE DETAIL J/SD4.1.

4 PAINTED PAVEMENT MARKINGS. (321723.13)
- (a) 4" PAVING STRIPING, WHITE.
- (b) ACCESSIBLE PARKING STRIPING. SEE DETAIL I/SD4.1.
- (c) PAINTED TRAFFIC STOP BAR. 12'X12', WHITE.
- (d) NO PARKING STRIPING. YELLOW.
- (e) 60" TALL STOP STRIPING.

5 TRAFFIC SIGNAGE (SINGLE POST). (101453)
- (a) STOP SIGN. SEE DETAIL H/SD4.1.
- (b) ACCESSIBLE PARKING SIGN. SEE DETAIL I/SD4.1.

6 CONCRETE SIDEWALK (321313). SEE DETAIL M/SD4.1.

LANDSCAPE TAGS

A SEED AND MULCH/HYDROSEED PER SPECIFICATIONS. PROVIDE EROSION CONTROL NETTING PER SPECIFICATIONS.

B SOD

LEGEND

- LIMITS OF CONSTRUCTION
- ASPHALT PAVEMENT
- HEAVY DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- SOD

SITE LAYOUT & DEVELOPMENT PLAN

SCALE: 1"=20'

0 20 40 Feet

A SD1.1

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

SITE LAYOUT & DEVELOPMENT PLAN
MARION COUNTY PUBLIC SCHOOLS - NEW PARKING LOT
FOR:
MARION COUNTY BOARD OF EDUCATION
LEBANON, KENTUCKY

BG 25-345

Project No:	25011
Drawn By:	AM
Rev'd By:	MM

SHEET RELEASE

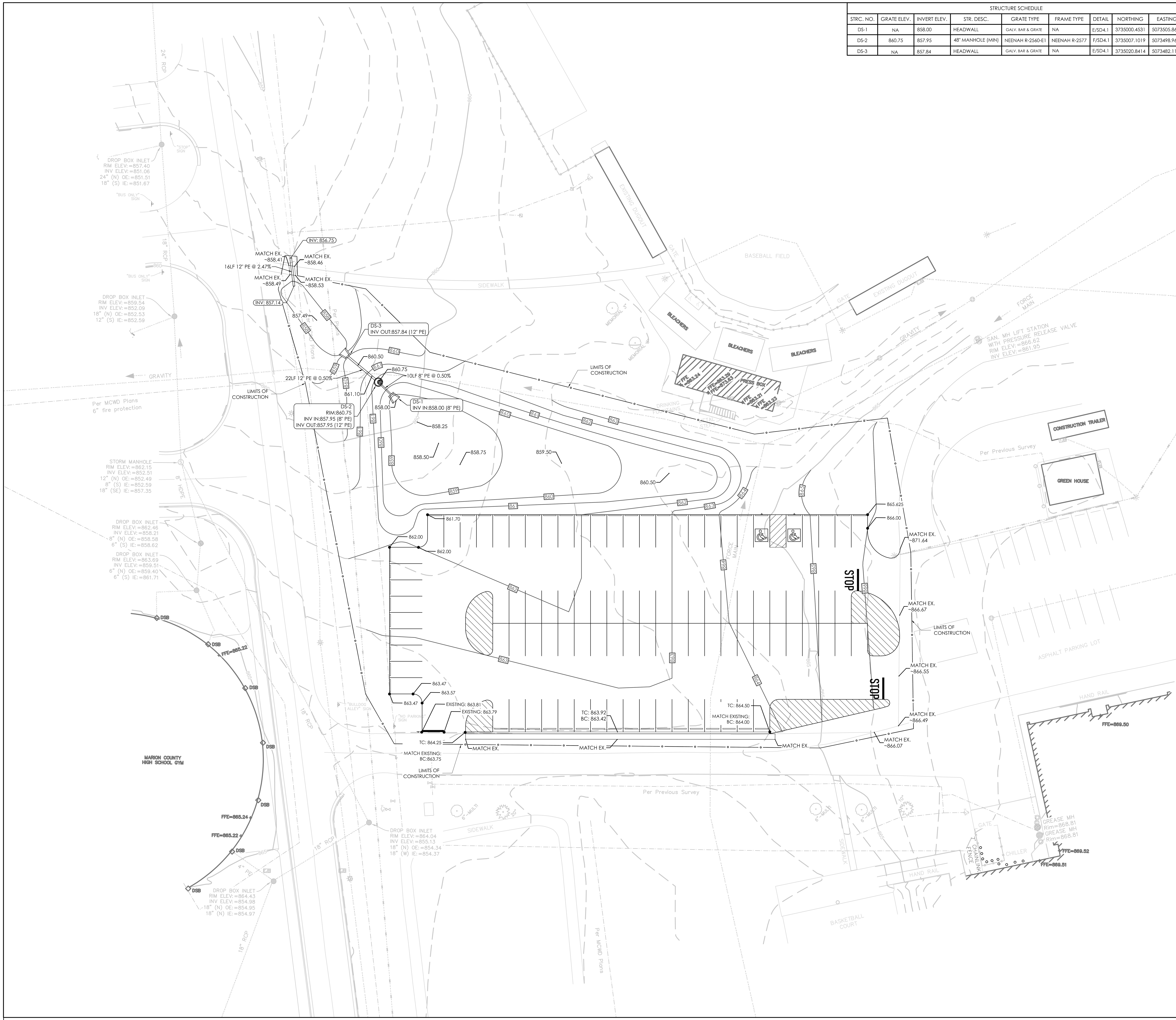
1		
2		
3		
4		
5		
6		
7		
8		

CONSTRUCTION DOCUMENTS

SD1.1

SITE LAYOUT & DEVELOPMENT PLAN
DATE ISSUED:
JUNE 3, 2025

STRUCTURE SCHEDULE								
STRC. NO.	GRATE ELEV.	INVERT ELEV.	STR. DESC.	GRATE TYPE	FRAME TYPE	DETAIL	NORTHING	EASTING
DS-1	NA	858.00	HEADWALL	GALV. BAR & GRATE	NA	E/SD4.1	3735000.4531	5073505.8669
DS-2	860.75	857.95	48" MANHOLE (MIN)	NEENAH R-2560-E1	NEENAH R-2577	F/SD4.1	3735007.1019	5073498.9609
DS-3	NA	857.84	HEADWALL	GALV. BAR & GRATE	NA	E/SD4.1	3735020.8414	5073482.1188



SITE GRADING & DRAINAGE PLAN
SCALE : 1"=20'
0 20 40 Feet

A / SD2.1
PLAN NORTH

GENERAL SITE NOTES

1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY QK4 ENGINEERING, 9920 CORPORATE CAMPUS DR. SUITE 1200, LOUISVILLE, KY40223, REFER TO SITE SURVEY SHEETS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
3. THE ARCHITECT AND ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.
4. THE CONTRACTOR SHALL USE EXTREME CARE IN WORKING AROUND EXISTING OVERHEAD AND UNDERGROUND UTILITIES. MEASURES SHOULD BE TAKEN TO PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION.
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.1 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING.

SITE GRADING NOTES

1. THE CONTRACTOR SHALL VERIFY LOCATIONS AND ACTUAL DEPTHS OF ALL EXISTING STORM DRAINS, GAS MAINS, WATER MAINS, AND PIPES TO ALL NEW CONNECTIONS AND CROSSINGS. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO AREAS WHERE CONSTRUCTION OR GRADING MAY INTERFERE WITH SUCH LINES.
2. ANY DISCREPANCIES BETWEEN THIS GRADING PLAN AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING PRIOR TO EXCAVATION, GRADING, TRENCHING, OR OTHER CONSTRUCTION OF ANY SORT. FAILURE TO NOTIFY THE ARCHITECT IN WRITING PRIOR TO COMMENCEMENT OF EXCAVATION, GRADING, TRENCHING, OR OTHER CONSTRUCTION SHALL IMPLY THE CONTRACTOR'S VERIFICATION OF AND ACCEPTANCE OF EXISTING SITE CONDITIONS. SAID FAILURE TO NOTIFY THE ARCHITECT IN WRITING SHALL IDENTIFY AND HOLD HARMLESS THE OWNER FROM ANY ADDITIONAL COSTS INCURRED BY THE CONTRACTOR DUE TO DISCREPANCIES NOT REPORTED WHICH COULD HAVE BEEN DETECTED BY PRUDENT AND REASONABLE OBSERVATION AND VERIFICATION BY THE CONTRACTOR.
3. ALL IMPERVIOUS SURFACES SHALL BE GRADED AND INSTALLED WITH A MINIMUM SLOPE OF ONE PERCENT (1%) AND A MAXIMUM SLOPE OF SEVEN PERCENT (7%)
4. ALL PERVIOUS SURFACES SHALL BE GRADED AND INSTALLED WITH A MINIMUM SLOPE OF TWO PERCENT (2 %) AND A MAXIMUM SLOPE OF THIRTY-THREE PERCENT (33%) EXCEPT WHERE SHOWN.
5. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO POND IN CONSTRUCTION AREAS.
6. RELOCATE ALL BURIED UTILITIES THAT ARE IMPACTED BY ANY EARTHWORK. RELOCATED UTILITY LOCATIONS ARE TO BE APPROVED BY THE ARCHITECT PRIOR TO STARTING WORK.
7. PROTECT AREAS TO BE SEEDED AS FOLLOWS:
   A) DITCHES AND DRAINAGE SWALES ARE TO RECEIVE HIGH-VELOCITY EROSION-CONTROL BLANKETS.
   B) SLOPES 4:1 (H:V) OR GREATER ARE TO RECEIVE LONG- TERM EROSION-CONTROL BLANKETS.
   C) SLOPES BETWEEN 4:1 AND 6:1 (H:V) ARE TO RECEIVE SHORT-TERM EROSION CONTROL BLANKETS.
   D) SLOPES BELOW 6:1 (H:V) ARE TO RECEIVE STRAW MULCH PER THE SPECIFICATIONS. DO NOT USE HAY.
8. ANY AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RECONDITIONED, SEEDED AND MULCHED PER THE SPECIFICATIONS.
9. COMPACT SOIL TO NOT LESS THAN THE FOLLOWING PERCENTAGES OF THEIR STANDARD PROCTOR MAXIMUM DRY DENSITY AT PLUS OR MINUS TWO (2) PERCENT OF OPTIMUM MOISTURE CONTENT:

   A) PAVED AREAS AND WALKS - 95%
   B) LANDSCAPE AREAS OUTSIDE MASS FILL AREAS - 85%
10. ALL TREES THAT ARE IDENTIFIED BY THE ARCHITECT TO REMAIN, EITHER ON THE DRAWING OR IN THE FIELD, ARE TO BE PROTECTED IN ACCORDANCE WITH THE SPECIFICATIONS. ALL TREES LOCATED OUTSIDE OF AREAS IDENTIFIED TO BE RE-GRADED ARE TO BE PROTECTED IN ACCORDANCE WITH THE SPECIFICATIONS.
11. THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION DEBRIS AND SEDIMENT ARE REMOVED DAILY FROM SITE DRIVEWAYS, PARKING AREAS, WALKWAYS AND SURROUNDING ROADWAYS AND WALKWAYS.
12. EXCESS SOILS ARE TO BE DISPOSED OF OFF-SITE UNLESS OWNER REQUESTS TO KEEP SATISFACTORY SOILS ON-SITE IN A LOCATION DETERMINED BETWEEN THE CONTRACTOR AND OWNER.
13. THE NEW PARKING, ROADS AND ROAD BASE ARE NOT DESIGNED TO ACCOMMODATE CONSTRUCTION TRAFFIC AND SHOULD NOT BE USED FOR SUCH UNLESS STABILIZED USING #2 CRUSHED STONE AND/OR GEO-GRID IN ADDITION TO THE PAVEMENT DESIGN SECTION SHOWN. IF THE CONTRACTOR WISHES TO USE THE NEW ROAD ALIGNMENTS DURING CONSTRUCTION, IT IS THE CONTRACTORS RESPONSIBILITY TO STABILIZE THE ROAD ALIGNMENT SUBGRADES AND PREVENT THEM FROM BEING DAMAGED DURING CONSTRUCTION.
14. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A CRUSHED STONE ENTRY AND DRIVE TO REDUCE SOIL TRACKING. REFER TO EPSC PLAN.

SITE STORM DRAINAGE NOTES

1. DRAINAGE PIPE THAT CROSSES UNDER ROADS OR PARKING AREAS SHALL BE EITHER HIGH PERFORMANCE POLYPROPYLENE (HP-PP) OR REINFORCED CONCRETE (RCP), SEE PLANS FOR LOCATIONS. ALL PE PIPE SHALL BE DUAL WALL POLYETHYLENE PIPE WITH SMOOTH INTERIOR WALL, OR EQUIVALENT AS APPROVED IN THE SPECIFICATIONS. ALL STORM PIPING SHALL BE INSTALLED AT A CONSTANT, POSITIVE SLOPE FROM INLET CONNECTION TO DISCHARGED CONNECTION. PIPE SLOPE IS TO BE 0.5% MINIMUM.
2. SEDIMENT PROTECTION DEVICES, SUCH AS SILT FENCING SHALL BE INSTALLED IN AND/OR AROUND ALL STORM STRUCTURES.
3. EROSION CONTROL BLANKETS ARE TO BE INSTALLED AS INDICATED IN THE SPECIFICATIONS.
4. ALL STORM STRUCTURES ARE TO BE DESIGNED FOR H-20 LOADING.
5. ALL GRATES AND MANHOLE COVERS ARE TO BE HEAVY DUTY CAST IRON DESIGNED FOR H-20 LOADING.
6. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES.
7. THE LOCATIONS SHOWN FOR THE NEW STORM SEWER PIPING AND STRUCTURES ARE APPROXIMATE. ACTUAL LOCATIONS CAN BE ADJUSTED WITH ARCHITECTS WRITTEN APPROVAL IN ORDER TO AVOID UNFORESEEN CONDITIONS OR OTHER CONSTRUCTION CONFLICTS. CONTRACTOR IS TO COORDINATE STORM SEWER INSTALLATION WITH ALL OTHER TRADES AND WORK.

LEGEND

(DS-#) DRAINAGE STRUCTURE. REFER TO STORM DRAINAGE STRUCTURE SCHEDULE.

SPOT ELEVATION LEGEND

TC - TOP OF CURB
BC - BOTTOM OF CURB

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

SITE GRADING & DRAINAGE PLAN
MARION COUNTY PUBLIC SCHOOLS - NEW PARKING LOT
FOR:
MARION COUNTY BOARD OF EDUCATION
LEBANON, KENTUCKY

BG 25-345

Project No: 25011
Drawn By: AM
Rev'd By: MM

SHEET RELEASE	
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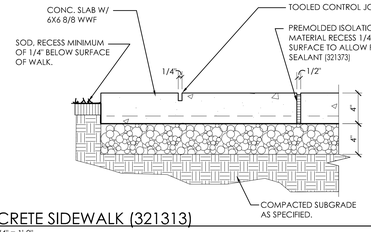
CONSTRUCTION DOCUMENTS

SD2.1

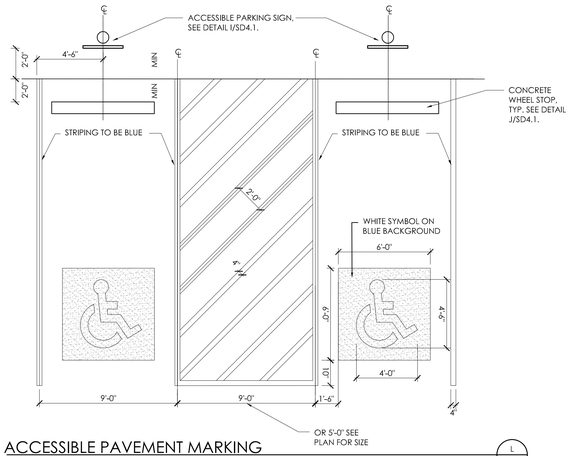
SITE GRADING & DRAINAGE PLAN
DATE ISSUED:
JUNE 3, 2025



CONCRETE SIDEWALK (321313)

SCALE : 3/4" = 1'-0"

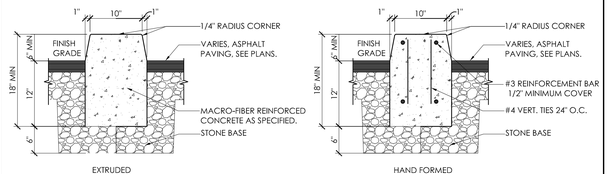
M SD4.1



ACCESSIBLE PAVEMENT MARKING

SCALE : N.T.S.

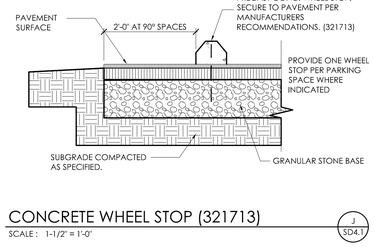
L SD4.1



CONCRETE HEADER CURB (321613)

SCALE : N.T.S.

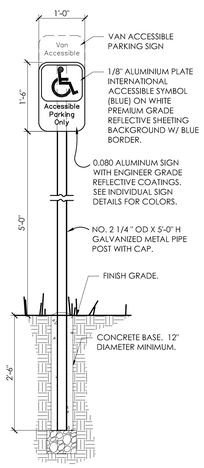
K SD4.1



CONCRETE WHEEL STOP (321713)

SCALE : 1-1/2" = 1'-0"

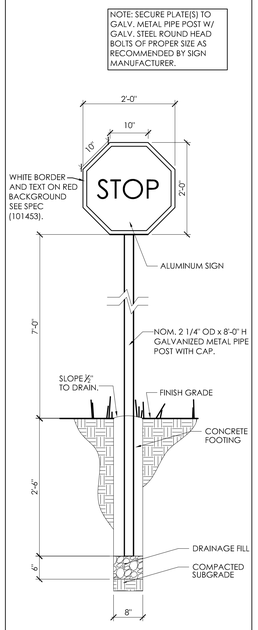
J SD4.1



ACCESSIBLE PARKING SIGNS (101424)

SCALE : N.T.S.

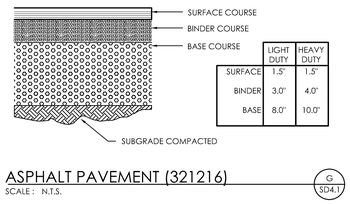
I SD4.1



TRAFFIC SIGNAGE (101424)

SCALE : N.T.S.

H SD4.1

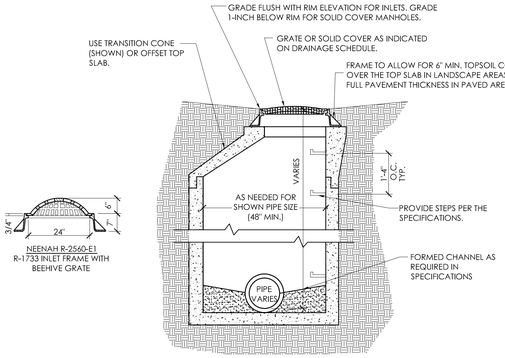


	LIGHT DUTY	HEAVY DUTY
SURFACE	1.5"	1.5"
BINDER	3.0"	4.0"
BASE	8.0"	10.0"

ASPHALT PAVEMENT (321216)

SCALE : N.T.S.

G SD4.1



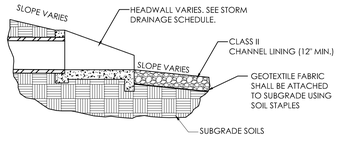
NOTE:
1. REFER TO DRAINAGE SCHEDULE FOR STRUCTURE SIZES.

2. PIPE ORIENTATION SHOWN IS FOR TYPICAL CONSTRUCTION ONLY. ACUTAL PIPE LOCATIONS, SIZES AND ORIENTATIONS MAY DIFFER. REFER TO PROJECT DRAWINGS FOR PIPE INFORMATION.

MANHOLE/SURFACE INLET (TYP).

SCALE : 1/2" = 1'-0"

F SD4.1



NOTES:

1.) CHANNEL LINING SHALL BE PLACED IN A MANNER THAT WILL NOT TEAR OR DAMAGE THE FILTER FABRIC.
2.) GEOTEXTILE FABRIC SHALL BE NON-WOVEN DRAINAGE FABRIC SUCH AS AMOCO 4545.
3.) GRADING AROUND THE HEADWALL SHOULD BE SUFFICIENT TO PREVENT THE HEADWALL FROM MOVING AND TO PREVENT EROSION AROUND THE HEADWALL. SLOPED HEADWALLS ARE TO BE GRADED FLUSH SO THAT THEY CAN BE MOWED OVER.
4.) RIP-RAP EROSION PROTECTION IS TO EXTEND A MINIMUM OF 25-FEET DOWNSTREAM OF THE HEADWALL, AND IS TO EXTEND TO THE TOP OF THE DITCH OR A MINIMUM OF 15-FEET WIDE.

HEADWALL (313700,334903)

SCALE : N.T.S.

E SD4.1

1. CONCRETE WASHOUT AREA(S) SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE. THE CONCRETE WASHOUT AREA SHALL BE ENTIRELY SELF CONTAINED. LOCATION TO BE COORDINATED WITH THE ARCHITECT AND THE OWNER.

2. THE CONTRACTOR SHALL SUBMIT THE DESIGN, LOCATION AND SIZING OF THE CONCRETE WASHOUT AREAS TO THE ARCHITECT FOR APPROVAL PRIOR TO ANY CONCRETE PLACEMENT. COORDINATE LOCATION WITH THE EROSION POLLUTION AND SEDIMENT CONTROL PLAN.

   LOCATION: WASHOUT AREA(S) ARE TO BE LOCATED AT LEAST 50-FEET FROM AND STREAM, WETLAND, STORM DRAINS OR OTHER SENSITIVE RESOURCE. THE FLOOD CONTINGENCY PLAN MUST ADDRESS THE CONCRETE WASHOUT IF THE WASHOUT IS TO BE LOCATED WITHIN THE FLOOD PLANE.

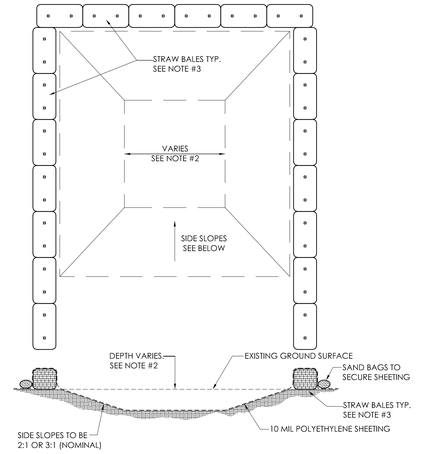
   SIZE: THE WASHOUT MUST HAVE SUFFICIENT VOLUME TO CONTAIL ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS INCLUDING, BUT NOT LIMITED TO OPERATIONS ASSOCIATED WITH GROUT AND MORTAR.

3. SURFACE DISCHARGE IS UNACCEPTABLE. THEREFORE, STRAW BALES OR OTHER CONTROL MEASURES, AS APPROVED BY THE ARCHITECT, SHOULD BE USED AROUND THE PERIMETER OF THE CONCRETE WASHOUT AREA FOR CONTAINMENT.

4. SIGNS SHOULD BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CONCRETE AREA(S) AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS. WASHOUT AREA(S) SHOULD BE FLAGGED WITH SAFETY FENCING.

5. WASHOUT AREA(S) ARE TO BE INSPECTED, CLEANED AND REPAIRED AFTER EACH RAIN EVENT OF 0.5-INCHES OR MORE, BUT NO LESS THAN ONCE A WEEK FOR STRUCTURAL INTEGRITY, ADEQUATE HOLDING CAPACITY AND CHECKED FOR LEAKS, TEARS OR OVERFLOWS.

6. HARDENED CONCRETE WASTE SHOULD BE REMOVED AND DISPOSED OF IN A MANNER CONSISTENT WITH ALL APPLICABLE LAWS, REGULATIONS AND GUIDELINES WHEN THE WASTE HAS ACCUMULATED TO HALF OF THE CONCRETE WASHOUT'S HEIGHT.



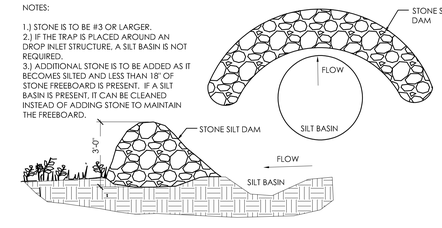
CONCRETE WASHOUT AREA

SCALE : N.T.S.

D SD4.1

NOTES:

1.) STONE IS TO BE #3 OR LARGER.
2.) IF THE TRAP IS PLACED AROUND AN DROP INLET STRUCTURE, A SILT BASIN IS NOT REQUIRED.
3.) ADDITIONAL STONE IS TO BE ADDED AS IT BECOMES SILTED AND LESS THAN 18" OF STONE FREEBOARD IS PRESENT. IF A SILT BASIN IS PRESENT, IT CAN BE CLEANED INSTEAD OF ADDING STONE TO MAINTAIN THE FREEBOARD.

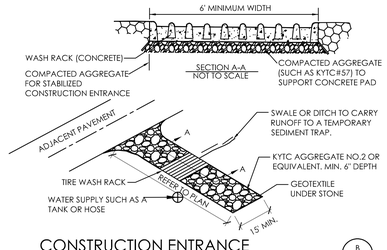


ROCK SILT DAM

SCALE : N.T.S.

C SD4.1

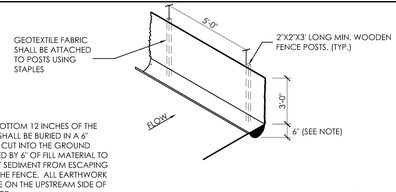
PLAN SYMBOL



CONSTRUCTION ENTRANCE

SCALE : N.T.S.

B SD4.1



NOTES:

1.) THE BOTTOM 12 INCHES OF THE FABRIC SHALL BE BURIED IN A 6" TRENCH CUT INTO THE GROUND COVERED BY 6" OF FILL MATERIAL TO PREVENT SEDIMENT FROM ESCAPING UNDER THE FENCE. ALL EARTHWORK SHALL BE ON THE UPSTREAM SIDE OF THE FENCE.

SILT FENCE DETAIL

SCALE : N.T.S.

A SD4.1

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.264.4018

SITE DETAILS
MARION COUNTY PUBLIC SCHOOLS - NEW PARKING LOT
FOR:
MARION COUNTY BOARD OF EDUCATION
LEBANON, KENTUCKY

BG 25-345

Project No: 25011
Drawn By: AM
Rev'd By: MM

SHEET RELEASE

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CONSTRUCTION DOCUMENTS

SD4.1

SITE DETAILS

DATE ISSUED:
JUNE 3, 2025