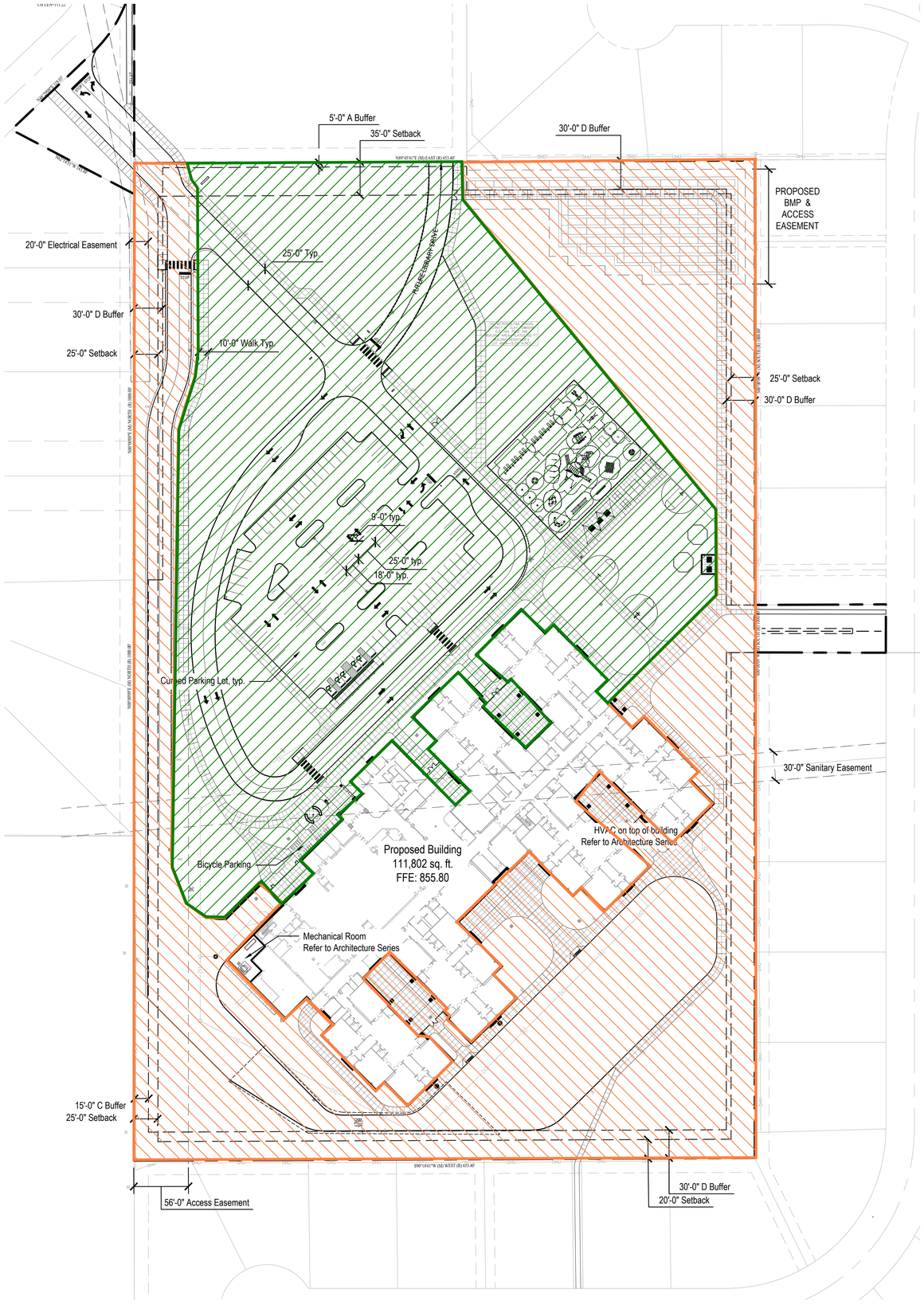

context DESIGN
12 S Main St, Ste 200 | Fortville, IN 46040
317-485-6900 | www.context-design.com

CARMEL CLAY SCHOOLS
CARMEL, INDIANA

NOTE: This Sheet is for Information Only. Refer to L100-L205 for Site Material Plans and Layouts. Refer to Civil Series For Detailed Utility / Utility Information.

Zoned: R2

SETBACK	BUFFER
N - 35'	NW - A - 5'
W - 25'	NE - D - 30'
S - 20'	WN - D - 30'
E - 25'	WS - C -15'
	S - D - 30'
	E - D - 30'

Employees: 80
Classes - 32
Max Students:: 750

Required Parking:
1 space per employee (80)+ 2 spaces per classroom(32) = 144 SPACES
5 ADA SPACES

Proposed Parking:
114 PARKING SPACES and 36 spaces within overflow lot to north eventually, agreement to share use of Library Garage. During peak parking events + 70 spaces if we double stripe the bus lot for overflow.
5 ADA SPACES
12 BUS SPACES PROVIDED

Stacking:
76 DOUBLE CAR STACKING CAPACITY
10 SINGLE CAR STACKING

Required Bicycles Parking Fixtures:
1 per 20 students(750)= 37 bicycle fixtures
Proposed Bicycle Parking fixtures: 37

CSO
8831 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net

PROJECT:
NEW ELEMENTARY SCHOOLS
FOR
CARMEL CLAY SCHOOLS
101 4TH AVE SE
CARMEL, INDIANA 46032

Scope Drawings:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
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Revisions:

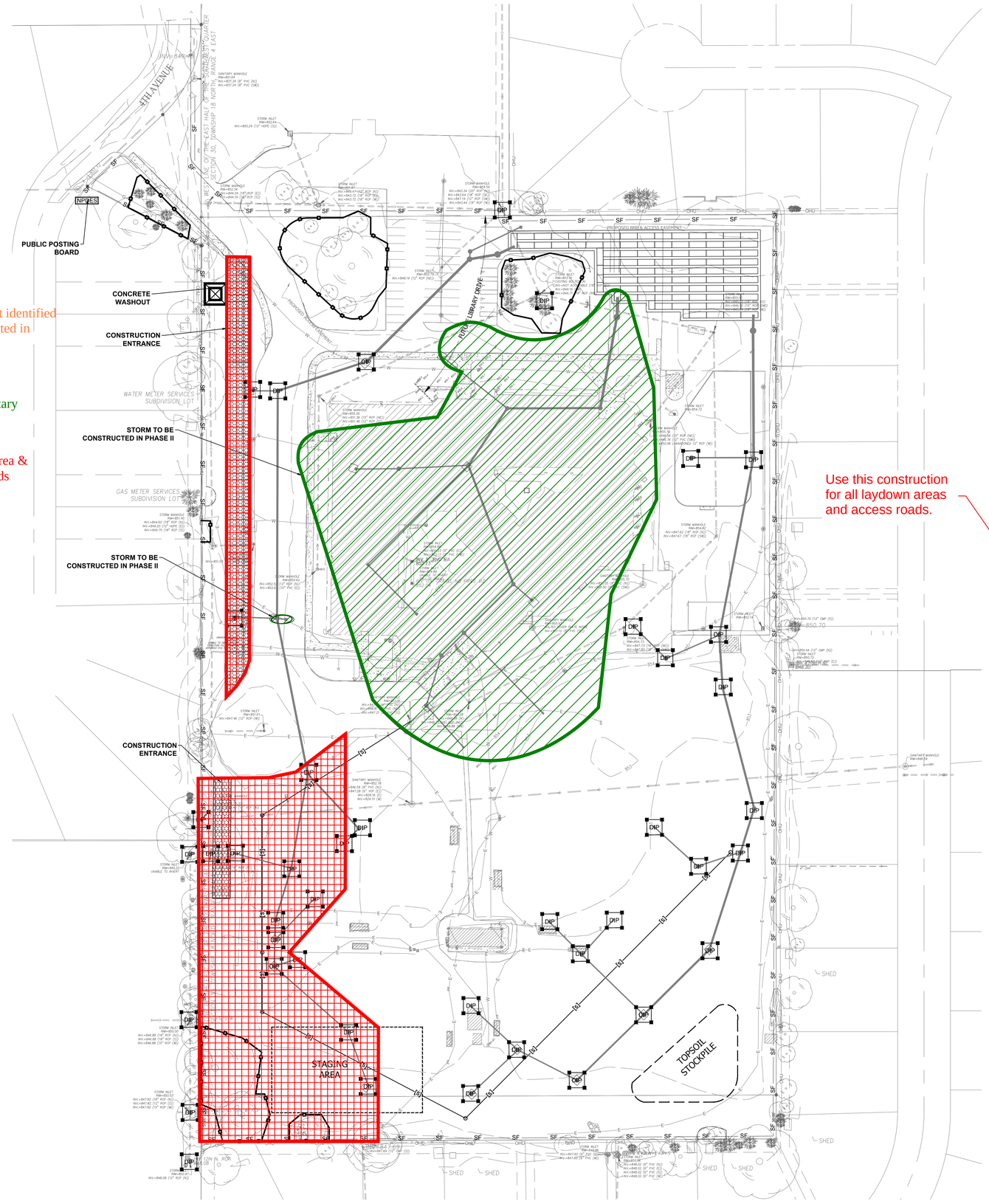
Issue Date	Drawn By	Checked By
11.19.2019	DLF	CCH

Drawing Title:
Site Improvements Phasing Plan

Certified By:

Drawing Number:

Project Number:
18094



NOTE: Storm/Sanitary not identified in Phase II is to be completed in Phase I Storm/Sanitary

Phase II Storm/Sanitary

Laydown Area & Access Roads

Use this construction for all laydown areas and access roads.

0 60' 120'

SCALE: 1" = 60'

EROSION CONTROL NOTES

1. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE DRAWINGS ARE CONSIDERED THE MINIMUM PRACTICES NECESSARY FOR COMPLIANCE WITH THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY AS IDENTIFIED UNDER SECTION 327-IAC-15-5 OF THE INDIANA ADMINISTRATIVE CODE. HOWEVER, SITE CONDITIONS, CONSTRUCTION METHODS, SEQUENCING OF WORK AND GENERAL PRACTICE MAY WARRANT VARIATION AND/OR ADDITIONS TO THE QUANTITIES AND LOCATIONS OF MEASURES AS SHOWN.
2. UNLESS OTHERWISE SHOWN, TEMPORARY CONTROL MEASURES SHALL BE REMOVED UPON SATISFACTORY ESTABLISHMENT OF PERMANENT VEGETATION.
3. SEE SHEET C403 FOR DETAILS AND SPECIFICATIONS REFERENCED ON THIS SHEET.
4. PERIMETER CONTROL MEASURES (I.E. SILT FENCE, DIVERSION DITCHES, TREE PROTECTION FENCING) SHALL BE INSTALLED PRIOR TO COMMENCING EARTHWORK ACTIVITIES.
5. IN ADDITION TO THE MAINTENANCE REQUIREMENTS IDENTIFIED FOR INDIVIDUAL MEASURES, ALL EROSION CONTROL MEASURES INSTALLED UNDER THIS PROJECT SHALL BE INSPECTED WEEKLY TO ENSURE THEY ARE FUNCTIONING PROPERLY. MEASURES FOUND TO BE DEFICIENT SHALL BE REPAIRED OR REPLACED IMMEDIATELY THEREAFTER.
6. THE CONTRACTOR SHALL MAINTAIN A STABLE CONSTRUCTION ENTRANCE AT ALL TIMES AND SHALL MAKE EFFORTS TO MINIMIZE THE ACCUMULATION OF SOIL, MUD AND DEBRIS ON ADJOINING ROADWAYS.
7. SYMBOLS FOR INLET PROTECTION MEASURES AND DITCH CHECKS ARE SHOWN LARGER THAN ACTUAL SIZE.
8. DISTURBED AREAS AND STOCKPILES THAT ARE TO REMAIN IDLE FOR MORE THAN 14 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING.
9. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE INSPECTOR.
10. PORTABLE TOILETS SHALL BE ANCHORED TO THE GROUND TO PREVENT TIPPING AND SPILLS.

EROSION CONTROL LEGEND

LINE TYPE / SYMBOL	DESCRIPTION	LINE TYPE / SYMBOL	DESCRIPTION
	TEMPORARY CONSTRUCTION ENTRANCE 6 INCHES OF 2"-3" COARSE AGGREGATE (20'W x 50'L) Minimum	SF	SILT FENCE (SEDIMENT FENCE)
	CONCRETE WASHOUT	TP	TREE PROTECTION FENCE
NPDES	NPDES PUBLIC NOTICE POSTING	DIP	TEMPORARY DROP INLET PROTECTION

PRE-CONSTRUCTION SEQUENCING NOTES

1. EARTH MOVING ACTIVITIES MAY NOT BEGIN UNTIL AFTER ITEMS 2-4 HAVE BEEN COMPLETED.
2. DESIGNATE THE PERSON RESPONSIBLE FOR COMPLYING WITH THE ON-SITE SWPPP. COORDINATE RESPONSIBILITY FOR COMPLETING THE SITE REVIEW AFTER EACH ½" RAINFALL AND A MINIMUM OF ONE TIME A WEEK.
3. POST THE CONTACT INFORMATION AT THE CONSTRUCTION ENTRANCE AS SHOWN ON THE PLANS. INCLUDE A COPY OF THE FISHERS STORM DRAINAGE APPROVAL AND THE CONTACT INFORMATION FOR THE PERSON RESPONSIBLE FOR IMPLEMENTING THE SWPPP.
4. INSTALL SILT FENCE,CONSTRUCTION ENTRANCE, INLET PROTECTION AND CONCRETE WASHOUT AS SHOWN ON THE PLANS.
5. INSTALL PORT-A-LET, AND COVERED CONSTRUCTION DUMPSTER.
6. PERFORM REQUIRED SITE DEMOLITION AND CLEARING.
7. STRIP TOPSOIL AND STORE OFFSITE.
8. PERFORM MASS GRADING FOLLOWED BY UTILITY INSTALLATION. MAINTAIN STORM INLET PROTECTION UNTIL SITE IS STABILIZED AND EROSION WILL NOT LIKELY OCCUR.
9. MAINTAIN ALL INLET PROTECTION, AND SILT FENCING ON THE SITE PROJECT BY CLEANING OUT EVERY WEEK AND AFTER EVERY RAIN EVENT OF 1/2" OR GREATER DEPTH.
10. IF WORK ON SITE WILL STOP FOR 2 WEEKS OR MORE AFTER COMPLETION OF MASS GRADING, INSTALL TEMPORARY SEED AS INDICATED ON THIS SHEET AND SHEET C403.
11. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED BY THE INSPECTOR.

THERE SHALL BE NO DIRT, DEBRIS, OR STORAGE OF MATERIAL IN THE STREET

ADJACENT ROADS MUST BE SWEPT DAILY

CARMEL CLAY SCHOOLS
CARMEL, INDIANA

A&F ENGINEERING
Transportation & Site Engineering
Crossing Order Since 1966

PROJECT:
NEW ELEMENTARY SCHOOLS FOR CARMEL CLAY SCHOOLS
CARMEL, INDIANA

Scope Drawings:
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Revisions:

Issue Date	Drawn By	Checked By
11-19-19	SO	MK

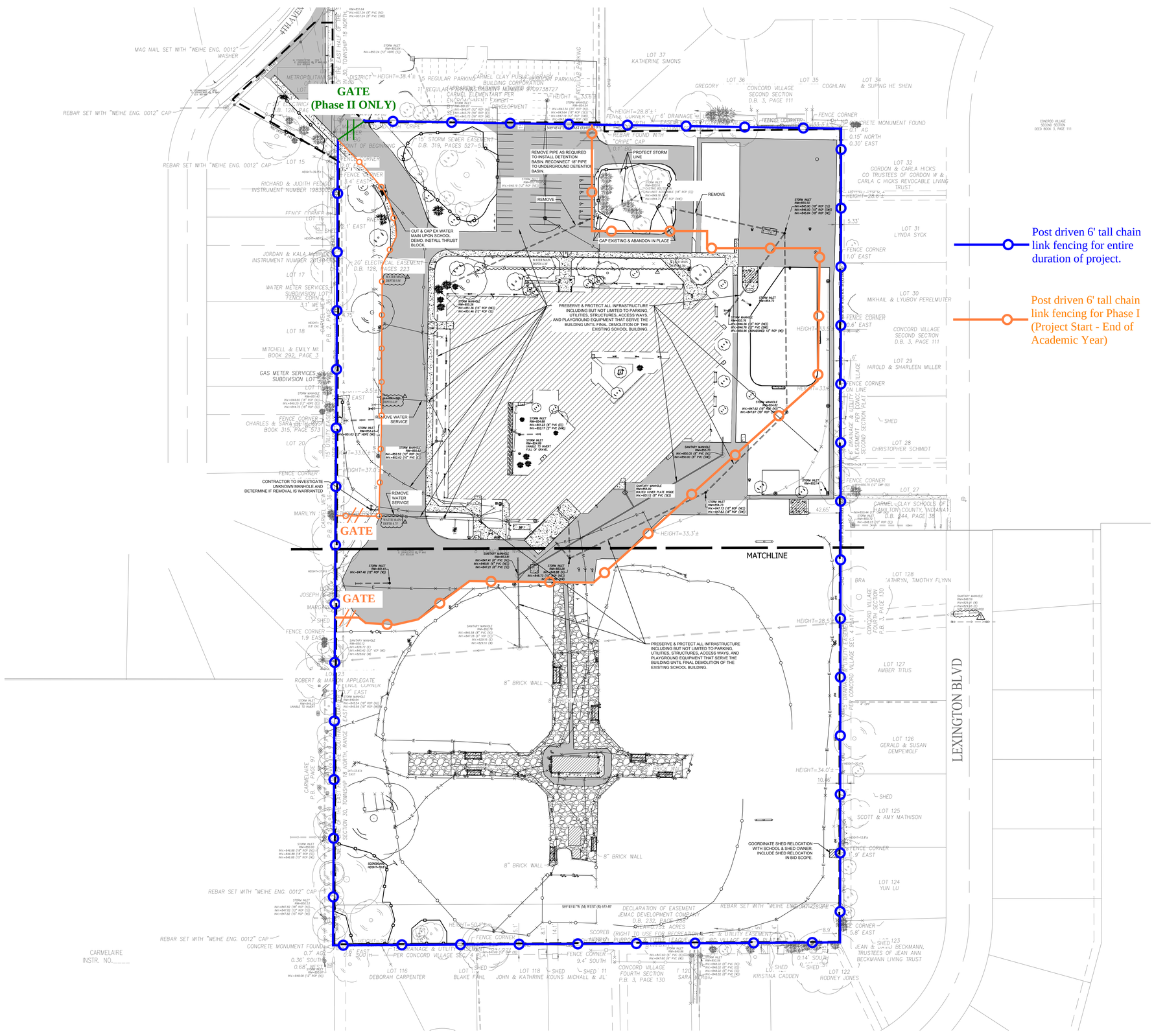
Drawing Title:
Site Access Plan

Certified By:

Drawing Number:

Project Number:
19012L

Z:\2019\19012L - CSO, CARMEL ELEMENTARY SCHOOLS (7858ZL)\DWGS\C-402-SWPP PLAN (CONST).DWG plotted by STEVEN O'ROURKE on 11/18/2019 11:05:14 AM last saved by SOROURKE on 11/18/2019 11:05:05 AM
Xrefs: X36X24E.DWG & 19012L BASE TOPO.DWG & 19012L BASE SITE.DWG & CONTEXT-BASE.DWG



Post driven 6' tall chain link fencing for entire duration of project.

Post driven 6' tall chain link fencing for Phase I (Project Start - End of Academic Year)

SCALE: 1" = 60'

DEMOLITION PLAN NOTES

1. EROSION CONTROL SHALL BE IN PLACE PRIOR TO ANY SOIL DISTURBANCE, INCLUDING PAVEMENT REMOVAL.
2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES TO BE REMOVED, RELOCATED OR ABANDONED PRIOR TO COMMENCING DEMOLITION ACTIVITIES.
3. THE CONTRACTOR SHALL COORDINATE WORK ASSOCIATED WITH THE REMOVAL, RELOCATION OR ABANDONMENT OF UTILITIES WITH THE UTILITY COMPANY OR ENTITY HAVING OWNERSHIP OF EACH RESPECTIVE UTILITY. COSTS FOR DISCONNECTION, REMOVAL, AND/OR RELOCATION OF EXISTING UTILITIES AS SHOWN ON THE DRAWINGS OR AS NECESSARY TO ALLOW FOR EXECUTION OF THE WORK SHALL BE PAID BY THE CONTRACTOR.
4. NO OPEN BURNING SHALL BE PERMITTED ON THE SITE.
5. THE OWNER HAS FIRST SALVAGE RIGHTS ON ALL ITEMS REMOVED. IF OWNER FORFEITS RIGHTS, ALL DEMOLISHED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFF-SITE UNLESS OTHERWISE SHOWN.
6. UNLESS SCHEDULED FOR PROTECTION ON THE DRAWINGS, ALL TREES AND VEGETATION SHALL BE REMOVED. PROTECTIVE MEASURES SHALL INCLUDE INSTALLATION AND MAINTENANCE OF TREE PROTECTION FENCING TO BE LOCATED WHERE SHOWN AND AT THE DRIPLINE OF ALL TREES LOCATED WITHIN CLOSE PROXIMITY OF AREAS WHERE HEAVY EQUIPMENT WILL OPERATE.
7. A CLEAN, STRAIGHT EDGE SHALL BE SAWCUT BETWEEN ALL CONCRETE AND ASPHALT SURFACES SCHEDULED FOR DEMOLITION AND CONCRETE AND ASPHALT SURFACES TO REMAIN IN-PLACE.
8. TERMINAL ENDS OF UNDERGROUND UTILITIES ABANDONED IN-PLACE SHALL BE CUT, CAPPED AND PLUGGED. THE ENDS OF DISCONNECTED UNDERGROUND UTILITIES SHALL BE MARKED FOR FUTURE IDENTIFICATION WITH DETECTABLE LOCATOR TAPE OR A METAL ROD.
9. COORDINATE DEMOLITION WORK WITH NEW CONSTRUCTION ELSEWHERE ON THE PROJECT SITE.
10. ALL FOUNDATIONS, SLABS, STRUCTURAL STEEL, MASONRY, SIDEWALKS, RETAINING WALLS, CURBS, APPARATUSES, ETC., WITHIN DESIGNATED FOR REMOVAL SHALL BE DEMOLISHED ACCORDING TO SPECIFICATIONS. ALL DEMOLITION WITHIN PROPOSED FOOTPRINT SHALL BE COORDINATED WITH THE BUILDING DRAWINGS.
11. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN SAFE ACCESS FOR PEDESTRIANS AND VEHICLE TRAFFIC. THE CONTRACTOR WILL MAINTAIN ALL UTILITY SERVICES TO ALL BUILDING SECTIONS. IF UTILITY SERVICES MUST BE INTERRUPTED, THE CONTRACTOR SHALL COORDINATE THAT SHUTDOWN TO MINIMIZE IMPACT TO THE BUILDING AND SCHOOL FACILITIES. COORDINATE SHUTDOWN AT LEAST ONE WEEK IN ADVANCE WITH BUSINESS, OWNER'S REPRESENTATIVE AND FACILITY MANAGER.
12.
13. EXISTING MANHOLES, CATCH BASINS, CLEANOUTS, VALVE BOXES, FRAMES COVERS AND GRATES REMAINING IN USE SHALL BE PROTECTED AND ADJUSTED TO FINAL GRADES.
14. REMOVE EXISTING UTILITIES ONLY AFTER CRITICAL NEW SYSTEMS ARE IN PLACE AND OPERATIONAL (I.E. STORM DRAINAGE, SERVICES TO EXISTING STRUCTURES). IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE PROPER REMOVAL, INCLUDING SAFE SEQUENCING OF UTILITY REMOVAL. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES.
15. FOR ALL UTILITY LINES AND STRUCTURES DESIGNATED TO BE REMOVED, PLACE AND COMPACT STRUCTURAL BACKFILL WITHIN TRENCH/EXCAVATION.
16. SAWCUT INTEGRAL CURB & WALK AT NEAREST CONSTRUCTION JOINT WHEN ADJACENT INTEGRAL CURB & WALK IS TO REMAIN.
17. CONTRACTOR SHALL CUT CONCRETE AT NEAREST CONSTRUCTION JOINT.

PROTECTION LEGEND

- (P1) PROTECT EXISTING STORM SEWER AND STRUCTURES
- (P2) PROTECT EXISTING POWER LINE AND STRUCTURES. COORDINATE REMOVAL TIMING WITH ELECTRIC COMPANY & SCHOOL.
- (P3) PROTECT EXISTING SANITARY MAIN
- (P4) PROTECT EXISTING TREES. PROVIDE TREE PROTECTION FENCE AT DRIPLINE OF TREES.
- (P5) PROTECT EXISTING WATERMAIN AND STRUCTURES AS SHOWN FOR CONNECTION TO THE NEW BUILDING

DEMOLITION SCOPE

TREE PROTECTION FENCE

APPROXIMATE LIMITS OF DEMOLITION

WITHIN THE LIMITS OF DEMOLITION, THE CONTRACTOR SHALL REMOVE ANY AND ALL OF THE FOLLOWING FEATURES :

- PAVEMENT, WALKS, CURBS, BRICKS AND ANY OTHER HARDSCAPE SURFACE.
- STRUCTURES OF ANY KIND INCLUDING, BUT NOT LIMITED TO DUGOUTS, FENCES, SCOREBOARDS, LIGHT POLES, PITS OR RETAINING WALLS. FOUNDATIONS SHALL BE COMPLETELY REMOVED OR PULVERIZED IN ACCORDANCE WITH THE SPECIFICATIONS.
- ANY AND ALL UTILITY SERVICE LINES FOR EVERY STRUCTURE MUST BE COMPLETELY REMOVED BACK TO THE MAIN IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY OWNER. ALL WATER AND SANITARY SERVICE LINES SHALL BE REMOVED.
- ASSUME ALL WATER SERVICES MUST BE REMOVED TO THE CORPORATION STOPS AND ALL SANITARY SEWER SERVICES MUST BE REMOVED AND CAPPED AT THE MAIN.
- ALL VEGETATION - ALIVE OR DEAD - INCLUDED ALL STUMPS AND ANY SURFACE STORED OR BURIED LANDSCAPE MATERIALS.
- ANY BUILDING ACCESSORY ITEMS INCLUDING, BUT NOT LIMITED TO, AIR CONDITIONING UNITS, HVAC UNITS, PROPANE TANKS, FUEL TANKS, SEPTIC TANKS AND UNDERGROUND FUEL STORAGE TANKS.
- FENCES OF ANY KIND. THE FENCES ALONG THE ADJACENT PROPERTY LINES SHALL NOT BE REMOVED.
- TOPSOIL EXCEPT WHAT IS NEEDED FOR PROPOSED LANDSCAPING AREAS.
- ANY OTHER ABOVE OR BELOW GRADE OBJECT LARGER THAN 2-INCHES IN DIAMETER WITHIN THE LIMITS OF DEMOLITION.
- STORM WATER PIPE, ELECTRIC LINE and SANITARY MAIN SHALL BE PROTECTED FROM DEMOLITION AS INDICATED ON THIS SHEET.

INDICATES ASPHALT PAVEMENT REMOVAL

CRITICAL PARAMETER

THE NORTH SCHOOL BUILDING WILL REMAIN OPEN DURING CONSTRUCTION. THE CONTRACTOR, IN COORDINATION WITH THE CONSTRUCTION MANAGER, SHALL TAKE EXTREME CARE TO PROTECT CHILDREN, STAFF, AND PEDESTRIANS. ALL DEMOLITION MUST BE CLOSELY COORDINATED WITH CARMEL SCHOOLS. ALL UTILITIES AND SERVICE TO THE EXISTING BUILDING MUST REMAIN ACTIVE THROUGH OUT THE 2019 / 2020 AND 2020 / 2021 SCHOOL YEARS.

LEGACY PRESERVATION

THE CONTRACTOR AND CONSTRUCTION MANAGER SHALL WALK THE SITE WITH THE CARMEL SCHOOL FACILITIES MANAGER AND SCHOOL ADMINISTRATION TO REVIEW SALVAGED DIRECTIVES. THIS SHALL OCCUR PRIOR TO EACH PHASE OF DEMOLITION TO ENSURE THAT THE LEGACY AND CHARACTER OF THE SCHOOL IS CLOSELY CONSIDERED AND PROTECTED BY THE CONSTRUCTION TEAM.

CARMEL CLAY SCHOOLS
CARMEL, INDIANA

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PROJECT:
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Revisions:

Rev. #	Revision Description	Issue Date
1	ADDENDUM # 3	12/20/2019

Issue Date	Drawn By	Checked By
11-19-19	SO	MK

Drawing Title:
Site Fencing Plan

Certified By:

Drawing Number:

Project Number:
18094

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Xrefs: X26X24E.DWG & 190121_BASE TOPO.DWG