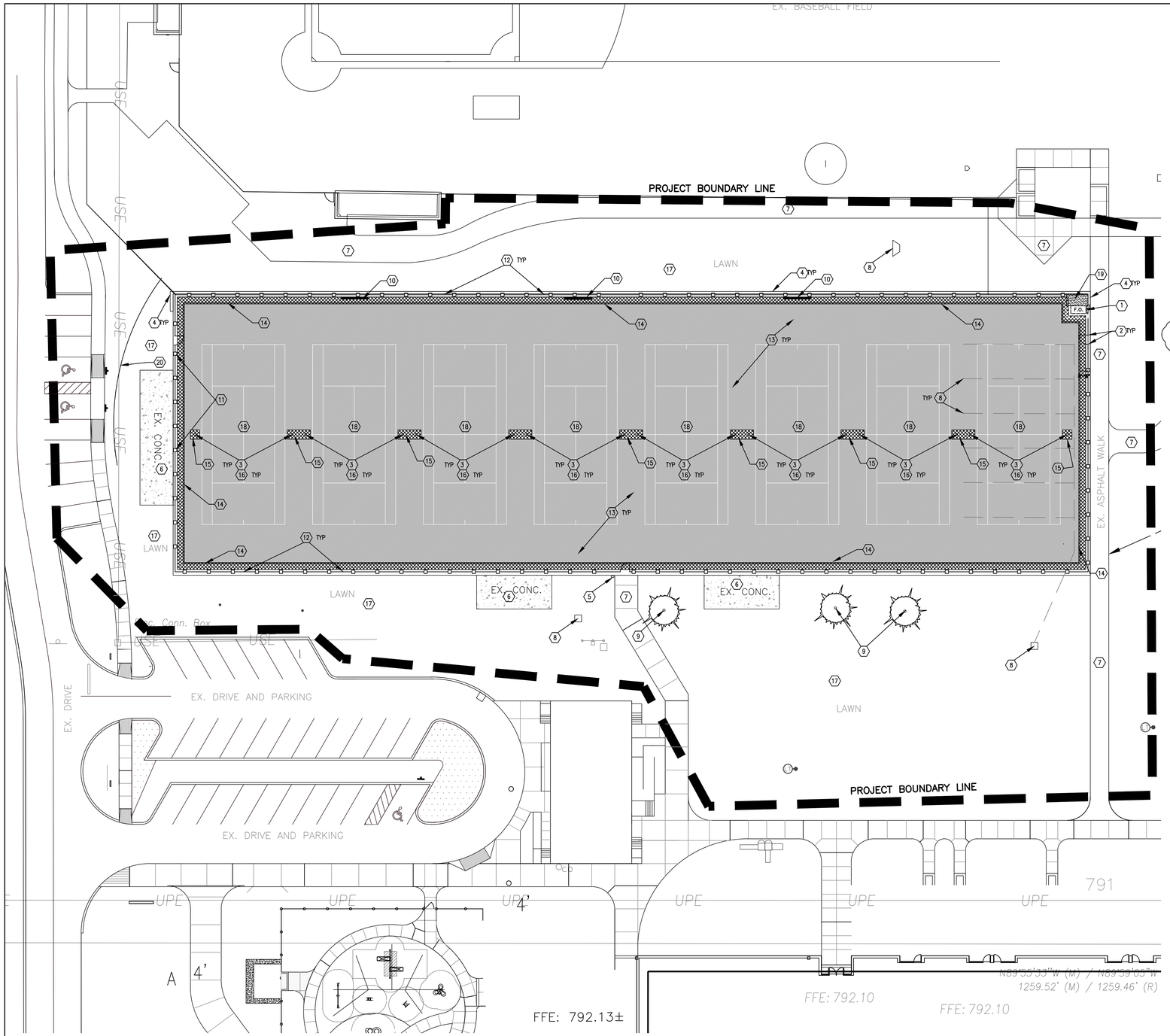


TENNIS COMPLEX DEMO PLAN

SCALE: 1" = 20'-0"

DEMOLITION PLAN NOTES

1. EX. FIBER OPTIC BOX; TO REMAIN, PROTECT DURING CONSTRUCTION
2. EXISTING CHAIN LINK FENCE GATES TO REMAIN, PROTECT DURING CONSTRUCTION. (2)
3. EXISTING NET POSTS TO BE REMOVED AND REPLACED WITH NEW POSTS AND HARDWARE. PROTECT EXISTING FOOTINGS AND POSTS SLEEVES DURING CONSTRUCTION. SEAL POST SLEEVES DURING DEMOLITION TO PREVENT DEBRIS ENTERING THE POST SLEEVES.
4. EX. CONCRETE ENCASED TRENCH DRAIN; TO REMAIN, PROTECT FROM DAMAGE AND SILTATION DURING CONSTRUCTION.
5. EX. ELECTRICAL OUTLET; TO REMAIN – PROTECT DURING CONSTRUCTION. ALL EXISTING UTILITIES MARKED AND OR OTHERWISE TO REMAIN DURING CONSTRUCTION.
6. EX. CONCRETE PADS (3) +/–; TO REMAIN– PROTECT DURING CONSTRUCTION TYP
7. EX. WALKS; TO REMAIN TYP – PROTECT DURING CONSTRUCTION.
8. EX. UNDERDRAINS AND CLEAN OUTS TO REMAIN DURING CONSTRUCTION MARKED OR OTHERWISE – PROTECT DURING CONSTRUCTION. FLUSH EXISTING UNDERDRAINS PRIOR AGGREGATE BASE PREPARATION.
9. EX. VEGETATION; TO REMAIN DURING CONSTRUCTION MARKED OR OTHERWISE – PROTECT DURING CONSTRUCTION , REFER TO GRADING NOTE, SEE DETAIL __ G4.0
10. EXISTING TENNIS BACKBOARD; TO BE SALVAGED AND REFURBISHED. PROTECT DURING CONSTRUCTION , REFER TO DETAIL ON SHEET G1.0 FOR FURTHER INFORMATION ON REFURBISHING. MAINTAIN AND REFURBISH MOUNTING HARDWARE FOR REUSE IN REINSTALLING THE BACKBOARDS.
11. CONTRACTOR ACCESS POINT; REMOVE AND FENCE POST(S) AND FOOTING(S) AS NEEDED FOR ACCESS ONTO SITE. PRIOR TO FINAL ACCEPTANCE REPAIR/REPLACE CHAIN LINK FENCE TO MATCH EXISTING.
12. EXISTING PERIMETER CHAIN LINK FENCING TO REMAIN, PROTECT DURING CONSTRUCTION. (2)
13. EXISTING ASPHALT SURFACE (SOLID HATCH); TO BE REMOVED FULL DEPTH TO SAW CUTS INDICATED IN NOTE BELOW, EXISTING AGGREGATE BASE TO REMAIN. DISPOSE OF WASTE MATERIALS LEGALLY OFF SITE. REFER TO SHEET G4.0 FOR FURTHER GUIDANCE ON REPLACEMENT ASPHALT.
14. PRIOR TO ASPHALT REMOVAL SAW CUT PERIMETER OF THE ASPHALT SURFACE 3'–0" ON INSIDE OF THE PERIMETER FENCE AND MILL (CROSS HATCH AREA) 1.5" DEPTH OF PAVEMENT 4'(+/_) WIDTH AROUND INSIDE PERIMETER OF THE FENCE LINE. PROTECT EXISTING FENCE AND FOOTERS FROM DAMAGE OR DISRUPTION DURING MILLING OPERATIONS. DISPOSE OF MILLINGS OFF SITE. REFER TO SHEETS G1.0 AND DETAIL #3, #4 AND #5 ON SHEET G4.0 FOR FURTHER GUIDANCE ON REMOVAL AND REPLACEMENT OF ASPHALT.
15. PRIOR TO ASPHALT REMOVAL SAW CUT AROUND EXISTING TENNIS NET POSTS 2'–0" FROM POSTS AND MILL (CROSS HATCH AREA) 1.5" DEPTH OF PAVEMENT 3'–0"(+/_) WIDTH AROUND THE TENNIS COURT POSTS. PROTECT EXISTING TENNIS NET POSTS AND FOOTERS FROM DAMAGE OR DISRUPTION DURING MILLING OPERATIONS. DISPOSE OF MILLINGS OFF SITE. REFER TO SHEETS G1.0 AND DETAIL #3, #4 AND #5 ON SHEET G4.0 FOR FURTHER GUIDANCE ON REMOVAL AND REPLACEMENT OF ASPHALT.
16. EX. NETS (8 TOTAL); NETS ARE TO BE REMOVED BY OWNER TYP
17. FINE GRADE, SEED, & HYDROMULCH ALL DISTURBED LAWN AREAS WHETHER NOTED OR NOT OR THOSE AREAS NOT COVERED WITH OTHER IMPROVEMENTS.
18. EXISTING TENNIS NET STRAP DOWN CONNECTION AND FOOTING TO BE REMOVED AND REPLACED, REFER TO DETAIL #2 ON SHEET G4.0.
19. REMOVE AND REPLACE ASPHALT PAVEMENT BETWEEN COMMUNICATIONS BOX AND THE CONCRETE TRENCH DRAIN TO ALLOW FOR NEW PAVEMENT TO BE INSTALLED FLUSH.
20. ESTABLISH DIVERSION SWALE, FOLLOWING CONSTRUCTION, TO DIRECT STORMWATER RUN OFF FROM THE ACCESS DRIVE AROUND THE CONCRETE BLEACHER PAD AND THE NORTHWEST CORNER OF THE TENNIS COURTS. RESEED AND STABILIZE ALL DISTURBED AREAS.

COPYRIGHT 2020 BY FANNING/HOWEY ASSOCIATES, INC.

CARMEL CLAY MIDDLE SCHOOL TENNIS COMPLEX REPAIRS

5150 E 126TH ST
CARMEL, IN 46033

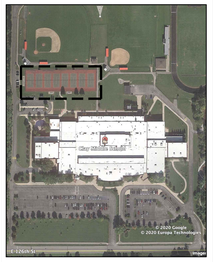
PROJECT: 220083.00

CARMEL CLAY SCHOOLS

ARCHITECT

FANNING HOWEY

(317) 848-0966
350 E. NEW YORK STREET
INDIANAPOLIS, IN 46204
WWW.FHAI.COM



VICINITY MAP

CONSTRUCTION DOCUMENTS

WILLIAM E. PAYNE
REGISTERED
No. 4169
STATE OF INDIANA
ARCHITECT

PROJECT MANAGER: CT
DRAWN BY: EB
PROJECT NUMBER: 220083.00
PROJECT ISSUE DATE: 11/30/20

REV. NO. (1)	DESCRIPTION	DATE
1	ADD. #2	02/01/2021

TENNIS COMPLEX SITE DEMO PLAN

GD1.0

GENERAL NOTES

All contractors but not limited to the excavating contractor or contractors must take particular care when excavating in and around existing utility lines and equipment. Actual field locations of all the existing utilities are the contractors responsibility and must be located either by the representive of the utility company or by a private underground utility locating company prior to the start of excavating. Verify minimum cover requirements by the utility contractor or contractors or agencies whomever utility companies or agencies whomever has jurisdiction so not to cause damage.

All construction methods and materials must conform to current standards and specifications.

Existing pavement, sidewalks curbs driveways, electrical transformer, ditches, drainage pipes and structures, fences, lawns, trees, bushes, mailboxes, signs, power poles etc., to remain shall be protected from damage by the contractor. Any damage during construction shall be restored, reconstructed or replaced by the contractor at his/her expense. All damages shall be restored or replaced to their original or like new condition.

All areas where the existing pavement or pavements are damaged during construction from heavy traffic or equipment, fuel oil, oil, gasoline, etc., by the Contractor, Subcontractor, or Suppliers, shall be reconstructed to it's original condition.

The contractor shall be responsible to provide at his expense all automobile and pedestrain traffic control devices required by Federal, State, County, City or Local

Removal of the existing improvements are as noted on the plans. The materials removed from the site shall be disposed of in a proper and legal manner per Federal, State, County, City, and or Local laws and ordinance.

It is the responsibilty of the contractor or contractors to obtain all Federal, State, County, City, and Local permits for any and all work required.
The contractor or contractors are responsible to pay for all required permits by any or all agenies.

All existing utilities; underdrain, electrical, etc. are to remain, contractor is to reestablish all disturbed utilities back to operable existing conditions prior to the conclusion of construction.

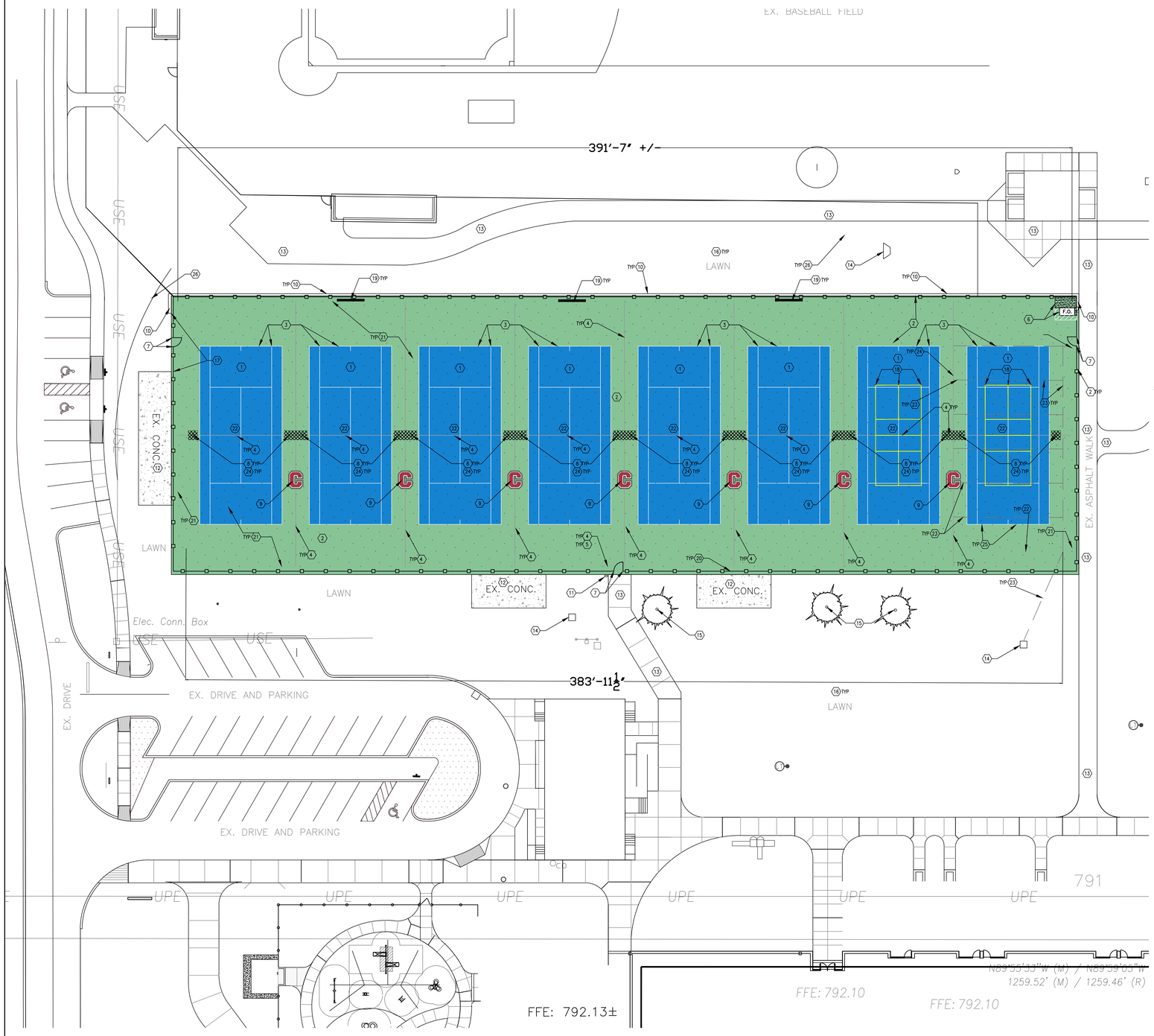
It is the contractor's responsibility to notify all the utilty companies and departments 72 hours before construction is to start to verify any utilities that may be present on site. All verifications, locations, size and depths shall be made by the appropriate utility companies or departments. When excavating around or over existing utilities, the contractor must notify the utility company so a representive of the utility can be present during the excavation to instruct and observe during the excavation.

It is the responsibility of the contractor to inspect each day and remove all mud, dirt, gravel and loose materials tracked, dumped, spilled or wind blown from this site onto other sites, right of ways, public or private streets or roads, driveways, yards or sidewalks. The contractor must clean or pick up daily if necessary. The contractor shall reduce the airborne dust during the entire construction schedule. Water may be used for dust control.

The utilities indicated on these plans may not be a complete inventory of all the existing utilities present on and around this site. The locations and sizes of these utilities are approximate. This information was gathered or supplied from others and used by the architect and or engineer and may not be actual. The architect and or engineer may not be held liable for any incorrect or misleading utility information indicated, implied or not indicated on these plans.

The contractor shall verify all dimensions and elevations in the field before the start of construction. The contractor shall be responsible for all field dimensions and elevations during the entire construction schedule. If any discrepancies are found on the plans from actual field conditions the contractor shall contact the A/E immediately. If any discrepancies are found on the survey plan or from actual field conditions the contractor shall contact the A/E immediately for instructions.

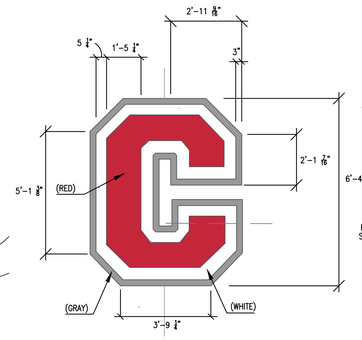
All dimensions of pavements are to edge of finish pavement or face of curb unless otherwise noted.



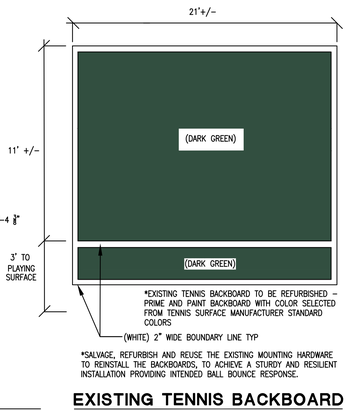
TENNIS COMPLEX GRAPHIC/LAYOUT PLAN
SCALE: 1" = 20'-0"

GRAPHIC PLAN NOTES

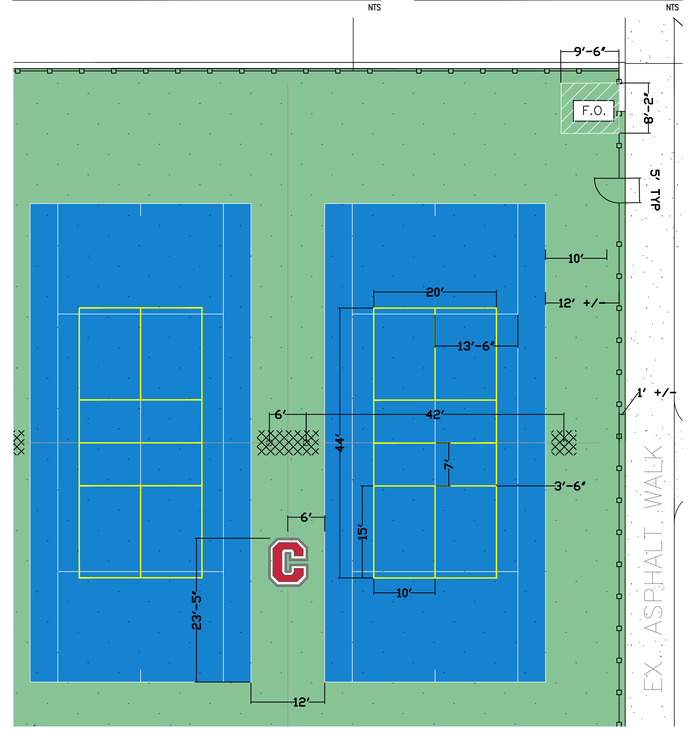
1. TENNIS COURT SURFACING; PLAYING SURFACE (BLUE), FROM MANUFACTURER STANDARD COLORS , REFER TO PROJECT MANUAL 32 18 26 TENNIS COURT SURFACING
2. TENNIS COURT SURFACING, PERIMETER COLOR (GREEN), FROM MANUFACTURER STANDARD COLORS, REFER TO PROJECT MANUAL 32 18 26 TENNIS COURT SURFACING. PREPARE ALL NEW AND EXISTING ASPHALT SURFACES TO RECEIVE TENNIS COURT SURFACING, AND APPLY TENNIS COURT SURFACING.
3. COURT LINES; (WHITE) , 2" WIDE. LAYOUT PER NFHS AND USTA REGULATIONS TYP., REFER TO DETAIL 1 ON G4.0, AND THE PROJECT MANUAL 32 18 26 TENNIS COURT SURFACING.
4. SAWCUT JOINT TYP; ALONG NET LINE AND BETWEEN INDIVIDUAL COURTS. DEPTH OF CUT AS RECOMMENDED BY PAVEMENT GEOTEXTILE MANUFACTURER GUIDELINES. SEAL JOINT WITH PAINTABLE SEALANT MEETING THE REQUIREMENTS OF THE TENNIS COURT SURFACING MANUFACTURER GUIDELINES. SAWCUT AND SEALING OPERATION TO BE COMPLETED BEFORE COLOR SYSTEM INSTALLATION – REFER TO PROJECT MANUAL 32 12 16 ASPHALT PAVING
5. NOT USED
6. EX. FIBER OPTIC BOX; TO REMAIN – REPAIR PAVEMENT BETWEEN BOX AND TRENCH DRAIN. ADJUST HEIGHT TO MEET FINISH GRADE FLUSH. APPLY COLOR SYSTEM TO EX. FIBER OPTIC QUAIZTE BOX TO MATCH PERIMETER COLOR (LIGHT GREEN). HAZARD ZONE PAVEMENT MARKING AROUND EX. FIBER OPTIC BOX – (WHITE) @ 45 DEGREE (DIAGONAL HATCH) – APPLY TENNIS COURT SURFACING AND LINES PER MANUFACTURES RECOMMENDATION AND GUIDELINES
7. EXISTING CHAIN LINK GATES TO REMAIN, PROTECT DURING CONSTRUCTION.
8. NEW TENNIS NET POSTS IN EXISTING FOOTINGS AT EACH COURT TYP (16); BLACK POWDER COATED NET POST – MATCH EXISTING NET POSTS AND ACCESSORIES – TENNIS BALL HOLDERS (8) +/– , SCORECARD HOLDERS (8) +/– , SEE DETAILS #1 , #2 ON SHEET G4.0 , REFER TO PROJECT MANUAL 11 68 33 ATHLETIC FIELD EQUIPMENT. ADJUST POST HEIGHTS TO MEET REQUIRED NET HEIGHT.
9. CARMEL CLAY MIDDLE SCHOOL "C" LOGO; (GRAY – BLACK AT 30%) SHADOW BOX, (WHITE) OUTLINE, (RED) CENTER, SEE ENLARGED "C" LOGO AND ENLARGED PICKLEBALL & "C" LAYOUT ON SHEET G1.0
10. EX. CONCRETE ENCASED TRENCH DRAIN TO REMAIN, PROTECT DURING CONSTRUCTION FROM DAMAGE, OVER–SPRAY AND SILTATION. CLEAN OUT TRENCH DRAIN OF ALL LITTER AND DEBRIS AND VERIFY POSITIVE DRAINAGE. REPAIR OR REPLACE ANY DAMAGED SECTIONS DUE TO CONSTRUCTION ACTIVITIES PRIOR TO FINAL ACCEPTANCE.
11. EX. ELECTRICAL OUTLET; TO REMAIN , REFER TO GD1.0
12. EX. CONCRETE PADS (3) +/–; TO REMAIN, REFER TO GD1.0
13. EX. WALKS; TO REMAIN , REFER TO GD1.0
14. EX. DRAINAGE STRUCTURES; TO REMAIN , REFER TO GD1.0
15. EX. VEGETATION; TO REMAIN , REFER TO GD1.0
16. DISTURBED LAWN; RE–SEED , HYDROMULCH DISTURBED LAWNS AND RESTORE BACK TO ACCEPTABLE CONDITIONS PRIOR TO THE CONCLUSION OF CONSTRUCTION , REFER TO PROJECT MANUAL
17. CONTRACTOR ACCESS; REPLACE FENCE POST(S) AND FOOTING(S) AS NEEDED. NEW POST, HARDWARE AND FABRIC TO MATCH EXISTING, BLACK PVC COATED, REFER TO PROJECT MANUAL 32 31 13 FENCES AND GATES. REPAIR OR REPLACE ASPHALT PAVEMENTS AND CONCRETE PAVEMENTS AS NEEDED.
18. PICKLEBALL COURTS (2 TOTAL); (YELLOW) , 2" WIDE PAINTED OUTLINE , SEE ENLARGED PICKLEBALL & "C" LAYOUT ON SHEET G1.0
19. EXISTING TENNIS BACKBOARD; RE–PAINT , PROTECT DURING CONSTRUCTION , SEE EX. TENNIS BACKBOARD ON SHEET G1.0.
20. EXISTING PVC COATED CHAIN LINK FENCE TO REMAIN, PROTECT DURING CONSTRUCTION.
21. NEW ASPHALT PAVING (DOTTED HATCH); INSTALL NEW HOT MIX ASPHALT PAVING WITH PETROMAT GEOTEXTILE. REFER TO THE PROJECT MANUAL 32 12 16 ASPHALT PAVING AND TO DETAILS #4, #5 ON SHEET G4.0.
22. NEW CENTER COURT NET TIE DOWN HARDWARE AND CONCRETE FOOTING, REFER TOT HE PROJECT MANUAL 11 68 33 ATHLETIC FIELD EQUIPMENT.
23. EXISTING UNDERDRAIN SYSTEM AND AGGREGATE BASE COURSE TO REMAIN; CONTRACTOR IS TO PROTECT THE EXISTING DRAINAGE SYSTEM AND CLEAN OUTS DURING CONSTRUCTION. PRIOR TO FINALIZING BASE STONE PREPARATION, THE CONTRACTOR IS TO FLUSH THE UNDERDRAINS BY MEANS OF HYDRAULIC PRESSURE TO REMOVE OBSTRUCTIONS AND TO VERIFY POSITIVE DRAINAGE BY THE SYSTEM.
24. EX. NETS (8 TOTAL); NETS ARE TO BE RE–INSTALLED BY OWNER TYP
25. TENNIS COURT LAYOUT; SEE DETAIL #1 G4.0
26. ESTABLISH DIVERSION SWALE DIRECTING STORMWATER RUN OFF FROM THE ACCESS DRIVE AROUND THE EXISTING CONCRETE BLEACHER PAD AND THE NORTHWEST CORNER OF THE TENNIS COURTS. RESEED AND STABILIZE DISTURBED AREAS WITH EROSION CONTROL BLANKET, REFER TO THE PROJECT MANUAL..



ENLARGED "C" LOGO
NTS



EXISTING TENNIS BACKBOARD
NTS



ENLARGED PICKLEBALL & "C" LAYOUT
SCALE: 1" = 10'-0"

COPYRIGHT 2020 BY FANNING/HOWEY ASSOCIATES, INC.

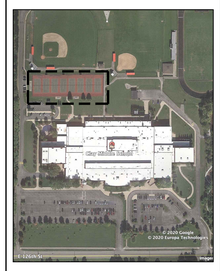
CARMEL CLAY MIDDLE SCHOOL TENNIS COMPLEX REPAIRS

5150 E 126TH ST
CARMEL, IN 46033

PROJECT: 220083.00

CARMEL CLAY SCHOOLS

ARCHITECT
FANNING HOWEY
(317) 848-0966
350 E. NEW YORK STREET
INDIANAPOLIS, IN 46204
WWW.FHAI.COM



VICINITY MAP

CONSTRUCTION DOCUMENTS

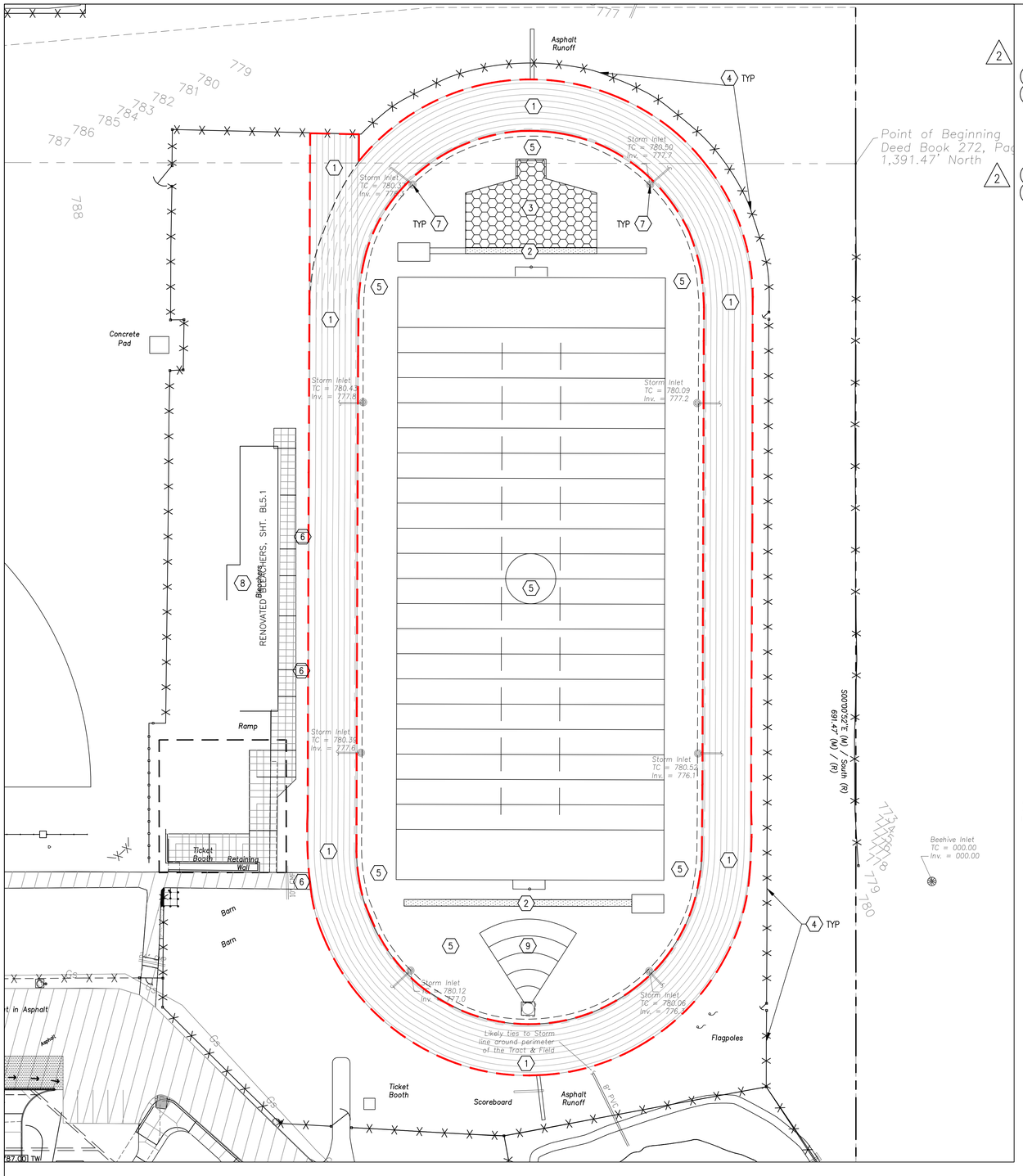
WILLIAM E. PAYNE REGISTERED No. 4169 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: CT
DRAWN BY: EB
PROJECT NUMBER: 220083.00
PROJECT ISSUE DATE: 11/30/20

REV. NO.	DESCRIPTION	DATE
2	ADD. #2	02/01/2021

TENNIS COMPLEX GRAPHIC/LAYOUT PLAN

G1.0



RUNNING TRACK LAYOUT PLAN

SCALE: 1" = 30'-0"

LAYOUT PLAN NOTES

1. MILL ASPHALT PAVING 1 ½" DEPTH TYP. LEGALLY DISPOSE OF WASTE MATERIALS OFFSITE. INSTALL NEW 1 ½" DEPTH SURFACE COURSE ASPHALT PAVING WITHIN SPECIFIED AREAS. INSTALL AN NFHS APPROVED LATEX SYNTHETIC SURFACING FOR RUNNING TRACK AND FIELD EVENT AREAS TYP PER DETAIL #1 , #2 G1.0
2. (DOTTED HATCH) CONTRACTOR IS TO REMOVE RUBBER SURFACING FROM CONCRETE PADS. THOROUGHLY PRESSURE WASH CONCRETE PADS AFTER RUBBER REMOVAL. REMOVE ALL CHEMICALS, OILS, AND GREASE FROM THE CONCRETE. "PROFILE" THE CONCRETE TO A ROUGH FINISH IN ORDER TO RECEIVE NEW TACK AND BINDER LAYERS, SEE DETAIL #4 G1.0 FOR FURTHER INFORMATION.
3. (HONEYCOMB HATCH) MILL ASPHALT PAVING 1 ½" DEPTH WITHIN D-ZONE AND LEGALLY DISPOSE OF WASTE MATERIALS OFFSITE. INSTALL 1 ½" DEPTH SURFACE COURSE ASPHALT PAVING WITHIN SPECIFIED AREA. INSTALL AN NFHS APPROVED LATEX SYNTHETIC SURFACING FOR RUNNING TRACK AND FIELD EVENT AREAS TYP PER DETAIL #1 , #2 G1.0
4. EXISTING CHAIN LINK FENCING AND GATES TO REMAIN; PROTECT ALL EXISTING FENCING AND GATES DURING THE START OF CONSTRUCTION FROM DAMAGES AND OVER-SPRAY. ALL DAMAGED FENCING IS TO BE RESTORED BACK TO IT'S EXISTING OPERABLE CONDITION PRIOR TO THE CONCLUSION OF CONSTRUCTION. EXISTING CONDITIONS – (BLACK) POWDER COATED STEEL
5. EXISTING NATURAL TURF FOOTBALL FIELD AND LAWN TO REMAIN, CONTRACTOR TO PROTECT TURF FIELD DURING CONSTRUCTION FROM DAMAGE AND OVER-SPRAY.
6. EXISTING ASPHALT AND CONCRETE WALKS; TO REMAIN – CONTRACTOR IS TO PROTECT ALL EXISTING WALKS, AND CONCRETE PADS DURING THE START OF CONSTRUCTION, ALL DAMAGED WALK ARE TO BE RE-ESTABLISHED BACK TO THEIR EXISTING OPERABLE CONDITIONS OR LIKE NEW CONDITIONS PRIOR TO THE CONCLUSION OF CONSTRUCTION.
7. EXISTING DRAINAGE INLETS (TYP); TO REMAIN, MARKED OR OTHERWISE– PROTECT DURING THE START OF CONSTRUCTION, SEE DETAIL #5 G1.0
8. EXISTING BLEACHERS; TO REMAIN– PROTECT DURING THE START OF CONSTRUCTION FROM DAMAGE AND OVER-SPRAY
9. EXISTING SHOT PUT; TO REMAIN – PROTECT DURING CONSTRUCTION

GENERAL NOTES

All contractors but not limited to the excavating contractor or contractors must take particular care when excavating in and around existing utility lines and equipment. Actual field locations of all the existing utilities are the contractors responsibiliy and must be located either by the representive of the utility company or by a private underground utility locating company prior to the start of excavating. Verify minimum cover requirements by the utility contractor or contractors or agencies whomever utility companies or agencies whomever has jurisdication so not to cause damage.

All construction methods and materials must conform to current standards and specifications.

Existing pavement, sidewalks curbs driveways, electrical transformer, ditches, drainage pipes and structures, fences, lawns, trees, bushes, mailboxes, signs, power poles etc., to remain shall be protected from damage by the contractor. Any damage during construction shall be restored, reconstructed or replaced by the contractor at his/her expense. All damages shall be restored or replaced to their original condition.

All areas where the existing pavement or pavements are damaged during construction from heavy traffic or equipment, fuel oil, oil, gasoline, etc., by the Contractor, Subcontractor, or Suppliers, shall be reconstructed to it's original condition.

The contractor shall be responsibile to provide at his expense all automobile and pedestrain traffic control devices required by Federal, State, County, City or Local agencies.

Removal of the existing improvements are as noted on the plans. The materials removed from the site shall be disposed of in a proper and legal manner per Federal, State, County, City, and or Local laws and ordinance.

It is the responsibilty of the contractor or contractors to obtain all Federal, State, County, City, and Local permits for any and all work required.
The contractor or contractors are responsible to pay for all required permits by any or all agenies.

All existing utilities; underdrain, electrical, etc. are to remain, contractor is to reestablish all disturbed utilities back to operable existing conditions prior to the conclusion of construction.

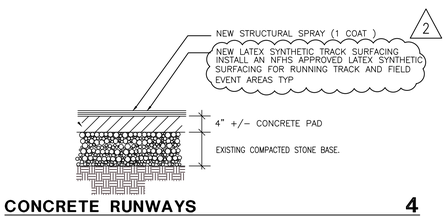
It is the contractor's responsibiliy to notify all the utility companies and departments 72 hours before construction is to start to verify any utilities that may be present on site. All verifications, locations, size and depths shall be made by the appropriate utility companies or departments. When excavating around or over existing utilities, the contractor must notify the utility company so a representive of the utility can be present during the excavation to instruct and observe during the excavation.

It is the responsibility of the contractor to inspect each day and remove all mud, dirt, gravel and loose materials tracked, dumped, spilled or wind blown from this site onto other sites, right of ways, public or private streets or roads, driveways, yards or sidewalks. The contractor must clean or pick up daily if necessary. The contractor shall reduce the airborne dust during the entire construction schedule. Water may be used for dust control.

The utilities indicated on these plans may not be a complete inventory of all the existing utilities present on and around this site. The locations and sizes of these utilities are approximate. This information was gathered or supplied from others and used by the architect and or engineer and may not be actual. The architect and or engineer may not be held liable for any incorrect or misleading utility information indicated, implied or not indicated on these plans.

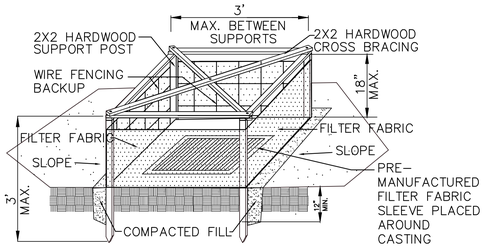
The contractor shall verify all dimensions and elevations in the field before the start of construction. The contractor shall be responsible for all field dimensions and elevations during the entire construction schedule. If any discrepancies are found on the plans from actual field conditions the contractor shall contact the A/E immediately. If any discrepancies are found on the survey plan or from actual field conditions the contractor shall contact the A/E immediately for instructions.

All dimensions of pavements are to edge of finish pavement or face of curb unless otherwise noted.



CONCRETE RUNWAYS 4

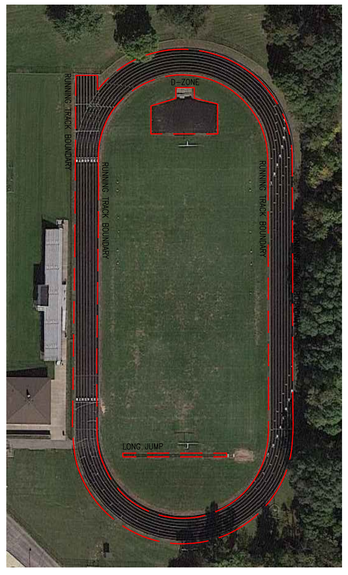
NTS



MAINTENANCE: INSPECT THE FABRIC BARRIER AFTER STORM EVENTS AND MAKE NEEDED REPAIRS IMMEDIATELY. REMOVE ACCUMULATED SEDIMENT TO PROVIDE STORAGE FOR THE NEXT STORM. AVOID DAMAGING OR UNDERCUTTING THE FABRIC DURING SEDIMENT REMOVAL.

INLET/ STORM LID PROTECTION 5

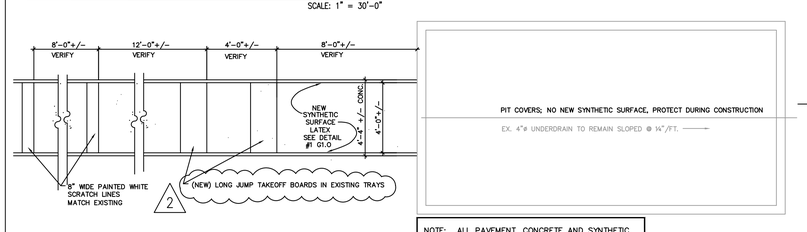
NTS



RUNNING TRACK PAVEMENT MARKINGS; TRACK MARKINGS AND COLORS ARE TO MATCH EXISTING. CONTRACTOR IS TO SITE VERIFY RUNNING TRACK MARKINGS PRIOR TO CONSTRUCTION.

AERIAL GRAPHIC PLAN - EX. CONDITIONS

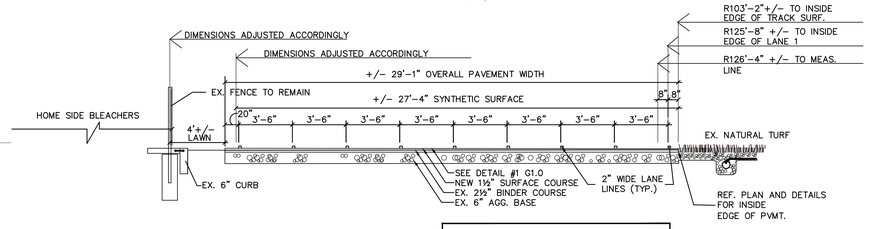
NTS



NOTE: ALL PAVEMENT, CONCRETE AND SYNTHETIC SURFACE DIMENSIONS ARE ABSOLUTE MINIMUMS. INSTALL SYNTHETIC SURFACING PER MANUFACTURES GUIDELINES.

RUNWAY DETAILS FOR LONG JUMP PIT 3

NTS

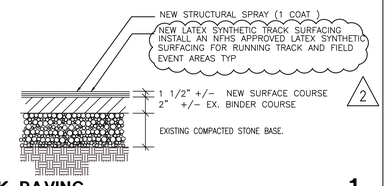


NOTE: ALL PAVEMENT, CONCRETE AND SYNTHETIC SURFACE DIMENSIONS ARE ABSOLUTE MINIMUMS.

NOTE: VERIFY EXISTING DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE CONSTRUCTION MANAGER.

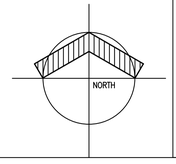
6 LANE TRACK/STRAIGHTAWAY SECTION 2

NTS



TRACK PAVING 1

NTS



COPYRIGHT 2021 BY FANNING/HOWEY ASSOCIATES, INC.

CLAY MIDDLE SCHOOL TRACK RESURFACING

5150 E 126TH ST
CARMEL, IN 46033

PROJECT: 220130.00

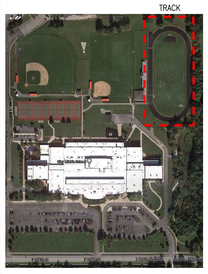
CCS OF CARMEL AND CLAY TOWNSHIP

ARCHITECT

FANNING HOWEY

(317) 848-0966
350 E. NEW YORK STREET
INDIANAPOLIS, IN 46204
WWW.FHAI.COM

TRACK



CONSTRUCTION DOCUMENTS

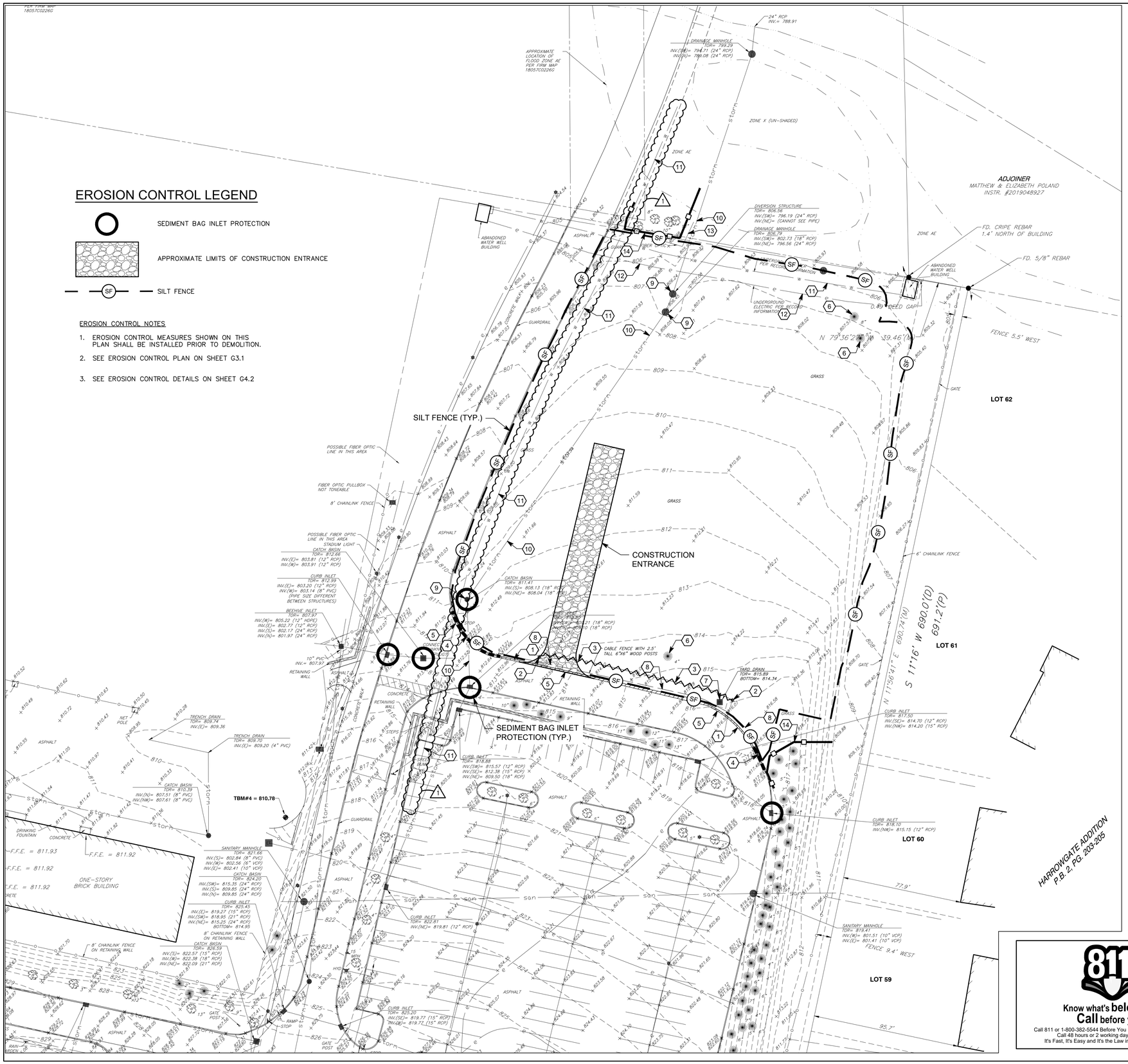
WILLIAM E. PAYNE REGISTERED No. 4169 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: CT
DRAWN BY: EB
PROJECT NUMBER: 220130.00
PROJECT ISSUE DATE: 09/25/20

REV. NO.	DESCRIPTION	DATE
1	ADD. #1	01/25/21
2	ADD. #2	02/01/2021

TRACK LAYOUT PLAN

G1.0



EROSION CONTROL LEGEND

SEDIMENT BAG INLET PROTECTION

APPROXIMATE LIMITS OF CONSTRUCTION ENTRANCE

SILT FENCE

EROSION CONTROL NOTES

1. EROSION CONTROL MEASURES SHOWN ON THIS PLAN SHALL BE INSTALLED PRIOR TO DEMOLITION.
2. SEE EROSION CONTROL PLAN ON SHEET G3.1
3. SEE EROSION CONTROL DETAILS ON SHEET G4.2

NORTH

30 0 30 60 90

GENERAL NOTES

1. SEE DRAWING GD0.1 FOR GENERAL NOTES AND ADDITIONAL LEGEND.
2. TOPOGRAPHIC CONDITIONS AND EXISTING UTILITIES SHOWN WERE PROVIDED BY CIVIL ENVIRONMENTAL CONSULTANTS, INC. THE ENGINEER MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED.
3. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE PROJECT AREA INCLUDING UNDERGROUND UTILITY CONDITIONS, LOCATION AND DEPTH PRIOR TO ANY OTHER SITE CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER.
4. NO EARTH DISTURBING ACTIVITY MAY COMMENCE WITHOUT AN APPROVED STORM WATER MANAGEMENT PERMIT.
5. UTILITY RELOCATIONS REQUIRED BY THE PROJECT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER. UTILITY LINE RELOCATIONS REQUIRED FOR ROAD PROJECTS THAT RESULT IN A CONFLICT WITH PROPOSED DEVELOPMENT SHALL BE THE DEVELOPERS RESPONSIBILITY TO RESOLVE WITH THE UTILITY. EXISTING POLE LINES REQUIRED TO BE RELOCATED TO WITHIN ONE FOOT OF PROPOSED RIGHT-OF-WAY LINE.
6. DAMAGE TO THE EXISTING RIGHT-OF-WAY SHALL RESTORED/REPAIRED TO THE SATISFACTION OF THE CITY AT THE COMPLETION OF THE PROJECT. THE CONTRACTOR IS ENCOURAGED TO INSPECT THE RIGHT-OF-WAY WITH THE CITY PRIOR TO THE START OF CONSTRUCTION TO DOCUMENT THE EXISTING CONDITION OF THE RIGHT-OF-WAY.

DEMOLITION NOTE:

DEMOLITION ITEMS INCLUDE BUT ARE NOT LIMITED TO DEMOLITION ITEMS INDICATED ON THIS PLAN. IT IS THE CONTRACTORS RESPONSIBILITY TO REMOVE OR RELOCATE ALL ITEMS WHICH INTERFERE NEW CONSTRUCTION.

DEMOLITION KEYNOTES

1. REMOVE ASPHALT PAVEMENT FULL DEPTH
2. REMOVE EXISTING LIGHT POLE AND RELATED FOUNDATION
3. REMOVE EXISTING UNDERGROUND ELECTRICAL LINE
4. REMOVE EXISTING CONCRETE CURB
5. PAVEMENT SAWCUT LINE
6. REMOVE EXISTING TREE
7. REMOVE EXISTING YARD DRAIN AND PLUG END OF PIPE
8. REMOVE EXISTING CABLE FENCE AND RELATED WOOD POSTS
9. PROTECT EXISTING STORM STRUCTURE TO REMAIN IN PLACE
10. PROTECT EXISTING STORM SEWER LINE TO REMAIN IN PLACE
11. PROTECT EXISTING WATER LINE TO REMAIN IN PLACE
12. PROTECT EXISTING ELECTRICAL LINE TO REMAIN IN PLACE
13. PROTECT EXISTING FIBER OPTIC LINE TO REMAIN IN PLACE
14. TREE PROTECTION FENCING

DEMOLITION LEGEND

APPROXIMATE LIMITS OF ASPHALT PAVEMENT REMOVAL

APPROXIMATE LIMITS OF CONCRETE CURB REMOVAL

APPROXIMATE LIMITS OF UTILITY OR SEWER LINE REMOVAL

APPROXIMATE LIMITS OF TREE PROTECTION FENCING (SEE DETAIL ON SHEET L2.1)

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

Call 811 or 1-800-382-5544 Before You Begin Any Digging Project. Call 48 hours or 2 working days before you dig. It's Fast, It's Easy and It's the Law in the state of Indiana!

CAUTION !!

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS MADE UPON THE GROUND BY OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

COPYRIGHT 2020 BY FANNING/HOWEY ASSOCIATES, INC.

CARMEL HIGH SCHOOL PARKING LOT ADDITION

520 E MAIN STREET
CARMEL, IN 46032

CARMEL CLAY SCHOOLS

ARCHITECT

FANNING HOWEY

317-848-0966 WWW.FHAI.COM
350 E NEW YORK ST# 300, INDIANAPOLIS, IN 46204

CONSULTANT

TLF

BID DOCUMENTS

PETE MILOMIR RANKOVICH REGISTERED No. 19700317 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: CHARLES TYLER, AIA

DRAWN BY: HHW

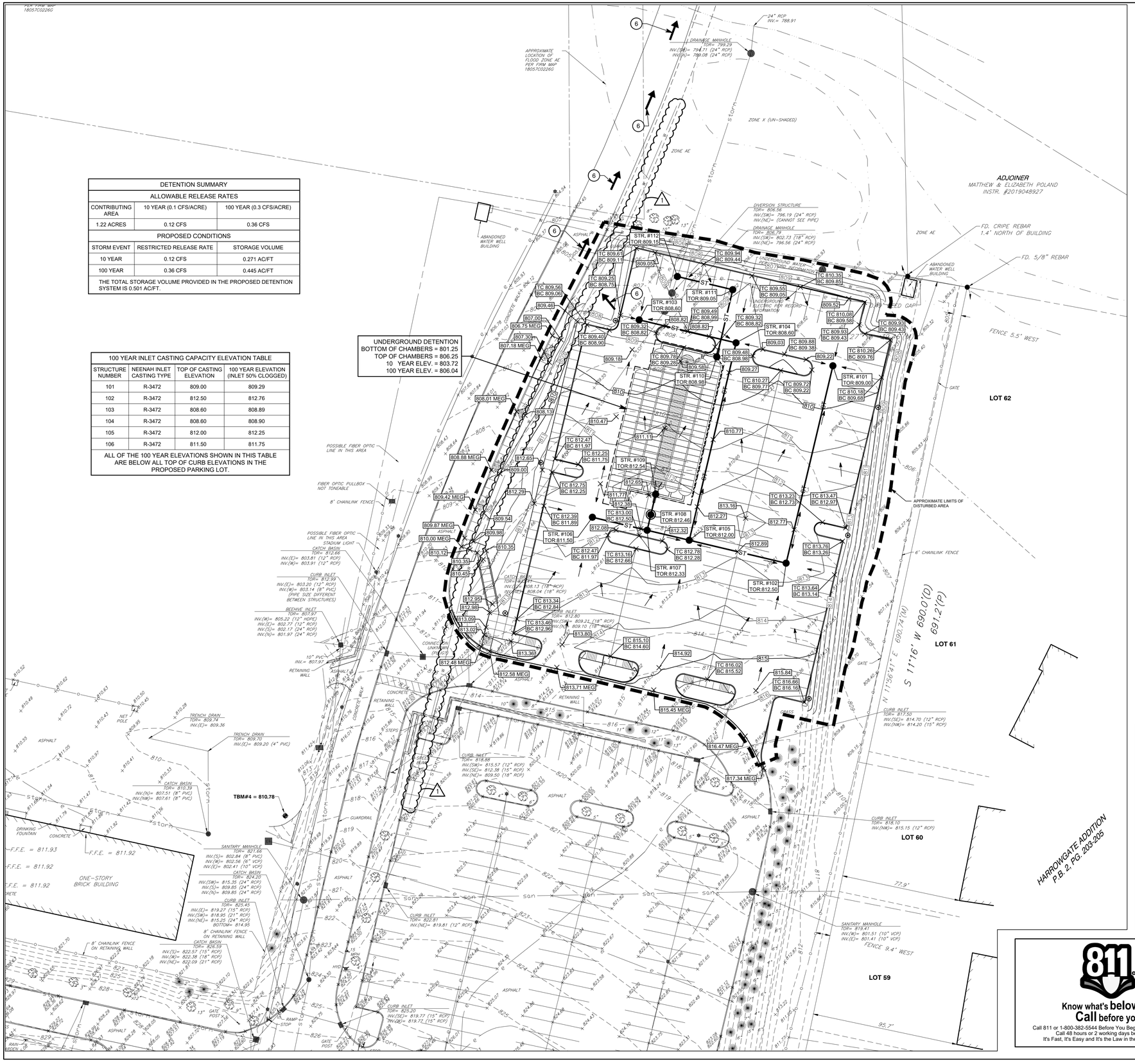
PROJECT ISSUE DATE: 11/30/2020

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	2/01/2021

DEMOLITION PLAN

GD1.1

Drawing Path: P:\2020\200\266\CAD\Civil\Active\4_2020-266_P_GD1.1_DP.dwg
Plotted By: hwindhorst Time of Plot: 1/29/21 - 7:39am Last Edited: 1/28/21 - 1:46pm



DETENTION SUMMARY		
ALLOWABLE RELEASE RATES		
CONTRIBUTING AREA	10 YEAR (0.1 CFS/ACRE)	100 YEAR (0.3 CFS/ACRE)
1.22 ACRES	0.12 CFS	0.36 CFS
PROPOSED CONDITIONS		
STORM EVENT	RESTRICTED RELEASE RATE	STORAGE VOLUME
10 YEAR	0.12 CFS	0.271 AC/FT
100 YEAR	0.36 CFS	0.445 AC/FT
THE TOTAL STORAGE VOLUME PROVIDED IN THE PROPOSED DETENTION SYSTEM IS 0.501 AC/FT.		

100 YEAR INLET CASTING CAPACITY ELEVATION TABLE			
STRUCTURE NUMBER	NEENAH INLET CASTING TYPE	TOP OF CASTING ELEVATION	100 YEAR ELEVATION (INLET 50% CLOGGED)
101	R-3472	809.00	809.29
102	R-3472	812.50	812.76
103	R-3472	808.60	808.89
104	R-3472	808.60	808.90
105	R-3472	812.00	812.25
106	R-3472	811.50	811.75
ALL OF THE 100 YEAR ELEVATIONS SHOWN IN THIS TABLE ARE BELOW ALL TOP OF CURB ELEVATIONS IN THE PROPOSED PARKING LOT.			

GENERAL NOTES

1. SEE DRAWING GD0.1 FOR GENERAL NOTES AND ADDITIONAL LEGEND.
2. TOPOGRAPHIC CONDITIONS AND EXISTING UTILITIES SHOWN WERE PROVIDED BY CIVIL ENVIRONMENTAL CONSULTANTS, INC. THE ENGINEER MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED.
3. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE PROJECT AREA INCLUDING UNDERGROUND UTILITY CONDITIONS, LOCATION AND DEPTH PRIOR TO ANY OTHER SITE CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER.
4. SEE UTILITY PLAN, SHEET SU1.1 FOR STORM SEWER DATA TABLE.
5. THE PROPOSED STORM SEWER SYSTEM FOR THIS PROJECT WILL BE PRIVATE OWNED.
6. FLOOD ROUTING PATH FROM PARKING LOT WHEN 100 YEAR FLOOD IS EXCEEDED. PATH TRAVELS IN A NORTHERLY DIRECTION TO EXISTING INLETS LOCATED ON THE NORTH SIDE OF BRIDGE OVER COOL CREEK.
7. NO EARTH DISTURBING ACTIVITY MAY COMMENCE WITHOUT AN APPROVED STORM WATER MANAGEMENT PERMIT.
8. UTILITY RELOCATIONS REQUIRED BY THE PROJECT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER. UTILITY LINE RELOCATIONS REQUIRED FOR ROAD PROJECTS THAT RESULT IN A CONFLICT WITH PROPOSED DEVELOPMENT SHALL BE THE DEVELOPERS RESPONSIBILITY TO RESOLVE WITH THE UTILITY. EXISTING POLE LINES REQUIRED TO BE RELOCATED TO WITHIN ONE FOOT OF PROPOSED RIGHT-OF-WAY LINE.
9. DAMAGE TO THE EXISTING RIGHT-OF-WAY SHALL RESTORED/REPAIRED TO THE SATISFACTION OF THE CITY AT THE COMPLETION OF THE PROJECT. THE CONTRACTOR IS ENCOURAGED TO INSPECT THE RIGHT-OF-WAY WITH THE CITY PRIOR TO THE START OF CONSTRUCTION TO DOCUMENT THE EXISTING CONDITION OF THE RIGHT-OF-WAY.

GRADING PLAN LEGEND

+728.30	EXISTING SPOT ELEVATION
MEG	MATCH EXISTING GRADE
TC	TOP OF CURB
BC	BOTTOM OF CURB
730	EXISTING CONTOUR W/ ELEVATION
735	PROPOSED CONTOUR W/ ELEVATION
750.65	PROPOSED SPOT ELEVATION
TC / BC	PROPOSED CURB ELEVATION
	PROPOSED SURFACE DRAINAGE FLOW ARROW
	FLOOD ROUTING PATH

USGS BENCHMARK INFORMATION

BENCHMARKS:

ELEVATIONS SHOWN HEREON ARE BASED UPON THE 1988 NORTH AMERICAN VERTICAL DATUM (NAVD88). IT IS MY OPINION THAT THE UNCERTAINTY IN THE ELEVATION OF THE PROJECT BENCHMARK DOES NOT EXCEED 0.10 FOOT.

BM: HCBR 194 – HAMILTON COUNTY GEODETIC CONTROL DISK IN THE NORTHWEST CORNER OF CONCRETE BRIDGE DECK OF BRIDGE CARRYING RANGE LINE ROAD OVER LITTLE COOL CREEK.
ELEV. = 811.76

TBM#1: CUT SQUARE ON EAST SIDE OF CONCRETE LIGHT BASE LOCATED ON THE WEST SIDE OF THE ENTRANCE TO THE HIGH SCHOOL AUDITORIUM OFF OF MAIN STREET.
ELEV. = 856.00

TBM#2: CUT SQUARE ON EAST SIDE OF CONCRETE LIGHT BASE LOCATED ON THE WEST SIDE OF THE ROADWAY ON THE EAST SIDE OF THE HIGH SCHOOL AND BEING NORTH OF A UTILITY DRIVE AND SOUTH OF THE STAIRCASE LABELED "EAST 22".
ELEV. = 834.95

TBM#3: CUT SQUARE ON EAST SIDE OF CONCRETE BASE OF A PEDESTRIAN CROSSING SIGN LOCATED ON THE IN THE NORTHWEST QUADRANT OF STADIUM DRIVE AND SMOKEY ROW ROAD (136TH ST.).
ELEV. = 803.80

TBM#4: CUT SQUARE ON WEST SIDE OF CONCRETE LIGHT BASE LOCATED 30'± SOUTHEAST OF THE BRICK ENTRANCE TO BRIAN MURRAY MEMORIAL STADIUM AT SOUTHEAST SIDE OF PAINTED SOCCER BALL.
ELEV. = 810.78

811
Know what's **below.**
Call before you dig.
Call 811 or 1-800-382-5544 Before You Begin Any Digging Project.
Call 48 hours or 2 working days before you dig.
It's Fast, It's Easy and It's the Law in the state of Indiana!

CAUTION !!

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS MADE UPON THE GROUND BY OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

COPYRIGHT 2020 BY FANNING/HOWEY ASSOCIATES, INC.

CARMEL HIGH SCHOOL PARKING LOT ADDITION

520 E MAIN STREET
CARMEL, IN 46032

CARMEL CLAY SCHOOLS

ARCHITECT
FANNING HOWEY
317-848-0966 WWW.FHAI.COM
350 E NEW YORK ST# 300, INDIANAPOLIS, IN 46204

CONSULTANT
TLF

BID DOCUMENTS

PETE MILOMIR RANKOVICH
REGISTERED No. 19700317 STATE OF INDIANA
PROFESSIONAL ENGINEER

PROJECT MANAGER: CHARLES TYLER, AIA
DRAWN BY: HHW
PROJECT ISSUE DATE: 11/30/2020

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	2/01/2021

GRADING PLAN

G2.1

Drawing Path: P:\2020\200\266\CAD\Civil\Active\9_2020-266_P_G2.1_GP.dwg
Plotted By: hwindhorst Time of Plot: 1/29/21 – 7:51am Last Edited: 1/28/21 – 1:46pm