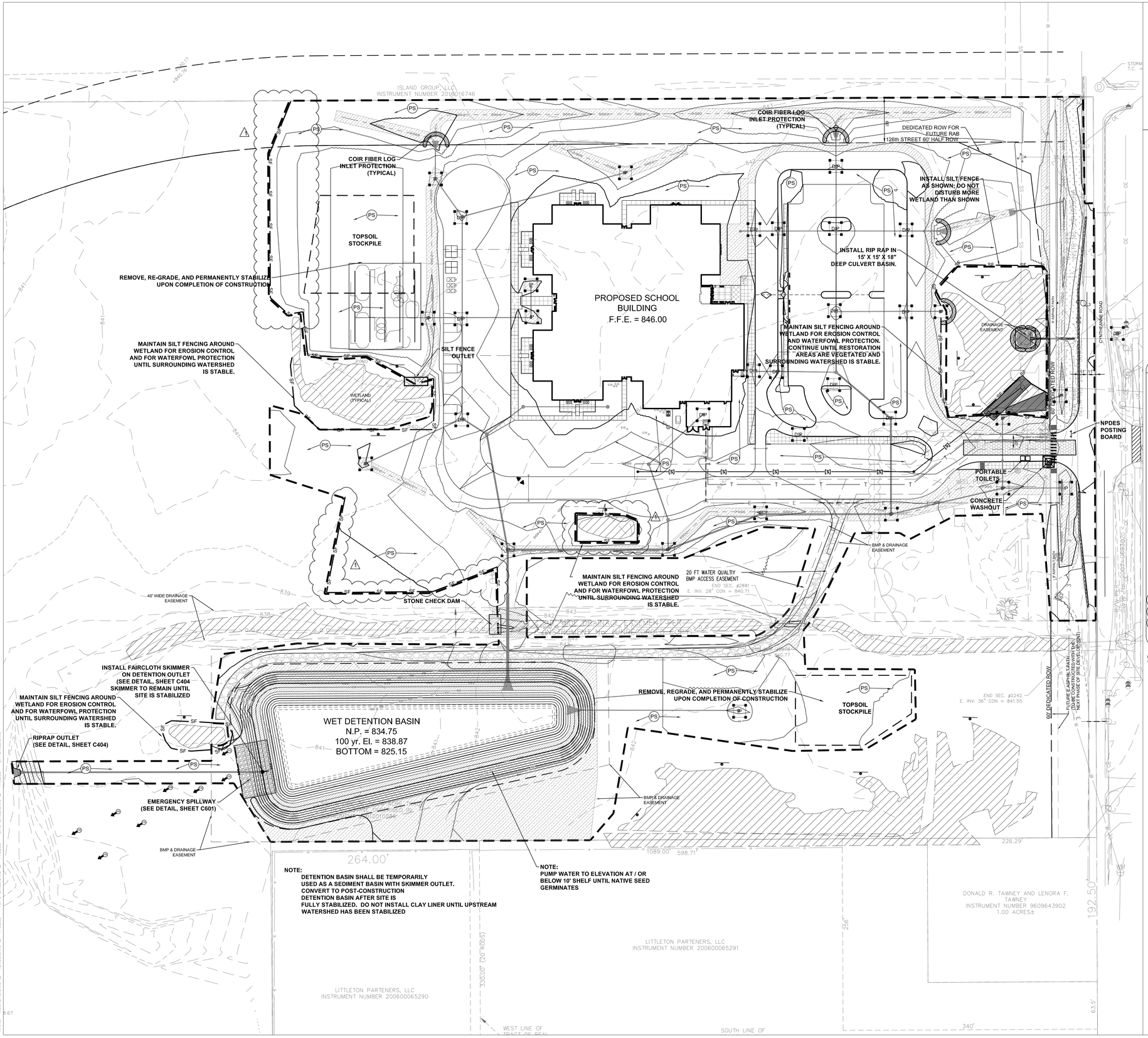

NOTE:
DETENTION BASIN SHALL BE TEMPORARILY USED AS A SEDIMENT BASIN WITH SKIMMER OUTLET. CONVERT TO POST-CONSTRUCTION DETENTION BASIN AFTER SITE IS FULLY STABILIZED. DO NOT INSTALL CLAY LINER UNTIL UPSTREAM WATERSHED HAS BEEN STABILIZED

NOTE:
PUMP WATER TO ELEVATION AT / OR BELOW 10' SHELF UNTIL NATIVE SEED GERMINATES

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-C404 FOR DETAILS 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. TEMPORARY SOIL STOCKPILES SHALL BE CONSTRUCTED IN A MANNER SUCH THAT PROPER DRAINAGE OF THE SITE IS NOT IMPEDED. STOCKPILES SHALL BE CONTAINED WITHIN A PERIMETER CONTROL MEASURE (I.E. SILT FENCE, STRAW BALES OR OTHER BARRIER) TO TRAP SEDIMENT. STOCKPILES THAT WILL REMAIN IN EXCESS OF 6 MONTHS SHALL BE TEMPORARILY SEEDED.
8. SYMBOLS FOR INLET PROTECTION MEASURES AND DITCH CHECKS ARE SHOWN LARGER THAN ACTUAL SIZE.
9. DISTURBED AREAS AND STOCKPILES THAT ARE TO REMAIN IDLE FOR MORE THAN 14 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING.

EROSION CONTROL LEGEND

LINE TYPE / SYMBOL	DESCRIPTION
	TEMPORARY CONSTRUCTION ENTRANCE 6 INCHES OF 2"-3" COARSE AGGREGATE (20'W x 150'L) Minimum
	PERMANENT SEEDING WITH EROSION CONTROL BLANKET (NORTH AMERICAN GREEN SC150 BN)
PS	PERMANENT SEEDING WITH MULCH (SEE LANDSCAPE PLAN FOR EXCLUDED AREAS SUCH AS PLANTING BEDS AND PLAY-GROUNDS)
	POND SHELF OR WETLAND RESTORATION NATIVE SEEDING WITH NORTH AMERICAN GREEN C125 BN EROSION CONTROL BLANKET
	WETLAND RESTORATION NATIVE SEEDING WITH NORTH AMERICAN GREEN SC150 BN EROSION CONTROL BLANKET
1	GRAVEL ROAD (SEE LANDSCAPE PLANS FOR PAVEMENT CROSS SECTION)

LINE TYPE / SYMBOL	DESCRIPTION
SF	SILT FENCE (SEDIMENT FENCE)
TP	TREE PROTECTION FENCE
	GRADING LIMITS
	STOCKPILE LIMITS
DIP	TEMPORARY DROP INLET PROTECTION
	OUTLET PROTECTION
	"DO NOT MOW OR SPRAY PROTECTED WETLAND" SIGN
IP	TEMPORARY INLET PROTECTION
	CONCRETE WASHOUT
	COIR FIBER LOG CHECK DAM

CONSTRUCTION & POST CONSTRUCTION SEQUENCING NOTES

1. REPAIR OR REPLACE ALL EXISTING SILT FENCE, CHECK DAMS OR INLET PROTECTION DAMAGED DURING EARTHWORK ACTIVITIES.
2. DESIGNATE THE PERSON RESPONSIBLE FOR COMPLYING WITH THE ON-SITE SWPPP INSPECTIONS UNTIL ALL DISTURBED AREAS ON SITE SITE HAVE REACHED 70 PERCENT VEGETATIVE COVER DENSITY.
3. IF WORK ON CONSTRUCTION HAS STOPPED FOR 2 WEEKS OR MORE BEFORE PERMANENT SEED IS APPLIED, INSTALL TEMPORARY SEED AND MULCH AS DESCRIBED ON SHEET C404. COORDINATE RESPONSIBILITY FOR COMPLETING THE SITE REVIEW AFTER EACH ½" RAINFALL AND A MINIMUM OF ONE TIME A WEEK.
4. THE PROJECT WILL BE COMPLETED IN PHASES. IF A PHASE OR WORK AREA IS COMPLETED AFTER NOVEMBER 1, THE SITE SHALL BE STABILIZED WITH TEMPORARY SEED AND BMP'S MEETING REQUIREMENTS OF ONSITE INSPECTORS BEFORE CLOSING DOWN FOR WINTER. PERFORM WEEKLY INSPECTIONS AND PREPARE REPORTS THROUGHOUT THE WINTER WITH REPAIRS AND MAINTENANCE AS NEEDED UNTIL PERMANENT STABILIZATION MEASURES ARE INSTALLED AND 70% VEGETATIVE DENSITY IS ACHIEVED IN THE SPRING.
5. FOR ALL PHASES, COMPLETE MASS GRADING AND EXCAVATION. STORE EXCAVATION SPOILS AS INDICATED ON PLANS.
6. DETENTION BASIN SHALL BE USED AS SEDIMENT BASIN DURING CONSTRUCTION. COLLECTED SEDIMENT SHALL BE REMOVED WHEN IT REACHES DEPTHS OF 1.6 FEET (ELEVATION . DETENTION BASIN BOTTOM HAS BEEN SHALL BE OVER EXCAVATED 1.6 FEET TO ACCOMMODATE SEDIMENT (OVER EXCAVATE TO ELEVATION 825.15) . AT COMPLETION OF CONSTRUCTION CONTRACTOR SHALL REMOVE/EXCAVATE ALL SEDIMENT TO REACH A FINAL POND BOTTOM OF 826.75 MIN.
7. DETENTION BANKS SHALL BE STABILIZED WITH SEED AND EROSION CONTROL BLANKET WITHIN 24 HOURS OF REACHING FINAL FINISH GRADE.
8. COMPLETE FILL, BACKFILL, AND ROUGH GRADING REQUIRED TO RETURN ALL AREAS WITHIN CONSTRUCTION ZONE TO SUBGRADE GRADE ELEVATION INDICATED ON PLANS. ALL FILL MATERIAL UNDER PAVEMENT OR BUILDINGS SHALL BE APPROVED BY ON-SITE GEOTECHNICAL ENGINEER.
9. PREPARE ALL PAVEMENT SUBGRADES PER PLANS AND SPECIFICATIONS.
10. MAINTAIN ALL INLET PROTECTION, CHECK DAMS AND SILT FENCING IN THE SITE PROJECT BY CLEANING OUT EVERY WEEK AND AFTER EVERY RAIN EVENT OF 1/2" OR GREATER DEPTH.
11. PERFORM FINAL GRADING AND SEEDBED PREPARATION.
12. PLACE PERMANENT SEEDING AND MULCH OR EROSION CONTROL BLANKET WITHIN 30 HOURS OF SEEDBED PREPARATION. INSTALL EROSION CONTROL BLANKETS INDICATED ON PLANS.
13. FINAL STABILIZATION IS CONSIDERED COMPLETE WHEN ALL LAND DISTURBING ACTIVITIES HAVE BEEN COMPLETED AND A UNIFORM VEGETATED SURFACE WITH 70% DENSITY IS ACHIEVED ON ALL DISTURBED/DENUDED AREAS AND AREAS NOT HAVING A PERMANENT STRUCTURE. THE CONTRACTOR SHALL OVER-SEED AS REQUIRED TO OBTAIN 70 PERCENT VEGETATIVE DENSITY IF REQUIRED.
14. AFTER SITE HAS 70% VEGETATIVE COVER, CONTRACTOR SHALL REMOVE REMAINING TEMPORARY BMP STRUCTURES AND REPAIR AND RE-SEED ANY DISTURBED AREAS AS REQUIRED.
15. ONCE THE CONSTRUCTION ACTIVITY IS COMPLETED (BY RULE LANGUAGE, WHEN FINAL STABILIZATION HAS OCCURRED), A COMPLETED RULE 5 NOTICE OF TERMINATION (NOT) MUST BE SUBMITTED TO IDEM, WITH A COPY BEING SENT TO THE FISHERS ENGINEERING DEPARTMENT.

HAMILTON SOUTHEASTERN SCHOOL
13485 CUMBERLAND ROAD
FISHERS, IN 46038

CSO Architects
ARCHITECTURE - INTERIOR DESIGN
8831 Keystone Crossing Indianapolis, IN 46240
Main 317.848.7800 Fax 317.574.0957 csoinc.net

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A&F ENGINEERING
Transportation & Site Engineering
Crossing Order Since 1962
8365 Keystone Crossing, Suite 201
Indianapolis, IN. 46240 (317) 202-0864

CONSTRUCTION PLANS FOR
HSE NEW ELEMENTARY #13
12500 CYNTHEANNE ROAD
FISHERS, INDIANA

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 to be used. The drawings are intended to describe all work required for full performance and completion of the requirements of the Contract. On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

Revisions:
1. ADDENDUM #1 10/26/17

Issue Date	Drawn By	Checked By
10/13/2017	JES	KKC

Drawing Title:
SWPP PLAN (FINAL)

Certified By:
KAREN K. COLLINS REGISTERED No. 10404538 STATE OF INDIANA PROFESSIONAL ENGINEER

Drawing Number:
C402

Project Number:
17026L

Z:\2017\17026L - HSE CYNTHEANNE ROAD ELEMENTARY\DWGS\C401 - SWPP PLAN.DWG plotted by KAREN COLLINS on 10/25/2017 7:48:02 PM last saved by KCOLLINS on 10/13/2017 4:27:39 PM
Xrefs: 36X24E.DWG & 42X30.DWG & 17026L - TOPO BASE.DWG & 17026L - SITE BASE.DWG & 17026L - LA BASE.DWG
8.67