

**ADDENDUM  
NO. 2**

**April 21, 2023**

**COLUMBIA ELEMENTARY SCHOOL & LANDIS ELEMENTARY  
SCHOOL - SITE IMPROVEMENTS - BID PACKAGE #2  
Logansport, IN 46947**

**TO: ALL BIDDERS OF RECORD**

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated March 27, 2023 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1 through ADD 2-2, attached Section 00 31 00 - Indiana Bid Form, attached Addendum No. 2 from Gibraltar Design dated April 19, 2023, consisting of 1 page, Specifications Section 10 14 53 – Traffic Signs, and 11 drawings.

**A. SPECIFICATION SECTION 00 20 00 – TABLE OF CONTENTS**

1. Add:

**DIVISION 10 - SPECIALTIES**

Section        10 14 53        Traffic Signs

**B. SPECIFICATION SECTION 00 31 00 – INDIANA BID FORM**

1. Replace with attached

**C. SPECIFICATION SECTION 01 12 00 – MULTIPLE CONTRACT SUMMARY**

**A. BID CATEGORY NO. 1 – CIVIL/EXCAVATION**

**1. Add:**

Specification Section 10 14 53 – Traffic Signs

**CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96**

Format (Revised 2013)  
(Amended for HCSC)

**ADDENDUM NO. 2**

**Columbia Elementary School &  
Landis Elementary School –  
Site Improvements BP-2**  
Logansport Community School Corporation  
Logansport, IN

**PART I**

(To be completed for all bids. Please type or print)

Date (month, day, year): \_\_\_\_\_

BIDDER (Firm) \_\_\_\_\_

Address \_\_\_\_\_ P.O. Box \_\_\_\_\_

City/State/Zip \_\_\_\_

Telephone Number: \_\_\_\_\_ Email Address: \_\_\_\_\_

Person to contact regarding this Bid \_\_\_\_\_

Pursuant to notices given, the undersigned offers to furnish labor and/or materials necessary to complete the public works project of:

\_\_\_\_\_  
Insert Category No. (s) and Name(s)

Of public works project, ***Columbia Elementary School & Landis Elementary School – Site Improvements BP-2***, in accordance with Plans and Specifications prepared by ***Gibraltar Design, 9102 N. Meridian St., Ste. #300, Indianapolis, IN 46260***, as follows:

BASE BID (WORK AS INDICATED ON DRAWINGS FOR COLUMBIA ES):

For the sum of \_\_\_\_\_  
(Sum in words)

\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_)  
(Sum in figures)

The undersigned acknowledges receipt of the following Addenda:

Receipt of Addenda No. (s) \_\_\_\_\_

PROPOSAL TIME

Bidder agrees that this Bid shall remain in force for a period of sixty (60) consecutive calendar days from the due date, and Bids may be accepted or rejected during this period. Bids not accepted within said sixty (60) consecutive calendar days shall be deemed rejected.

Attended pre-bid conference            YES \_\_\_\_\_            NO \_\_\_\_\_

Has visited the jobsite                    YES \_\_\_\_\_            NO \_\_\_\_\_

The Bidder has reviewed the Guideline Schedule in Section 01 32 00 and the intent Of the schedule can be met.

YES \_\_\_\_\_            NO \_\_\_\_\_

Bidder has included their Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6.

YES \_\_\_\_\_            NO \_\_\_\_\_

The Skillman Corporation's diversity initiative is to create a program to encourage, assist and measure the active participation of Minority- Owned, Women-Owned, Veteran – Owned and Disabled Individual-Owned Businesses. The Program is to ensure that MWVDBEs are provided full and equal opportunity to participate in all Skillman Corporation's Projects.
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Bidder has included:

DBE: YES _____ %	NO _____
MBE: YES _____ %	NO _____
WBE: YES _____ %	NO _____
VBE: YES _____ %	NO _____

The undersigned further agrees to furnish a bond or certified check with this Bid for an amount specified in the Notice to Bidders. If Alternate Bids apply, submit a proposal for each in accordance with the Plans and Specifications.

If additional units of material included in the contract are needed, the cost of units must be the same as that shown in the original contract if accepted by the governmental unit. If the bid is to be awarded on a unit bases, the itemization of the units shall be shown on a separate attachment.

The contractor and his subcontractors, if any, shall not discriminate against or intimidate any employee, or applicant for employment, to be employed in the performance of this contract, with respect to any matter directly or indirectly related to employment because of race, religion, color, sex, national origin, or ancestry. Breach of this covenant may be regarded as a material breach of the contract.

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS  
(if applicable)

I, the undersigned bidder, or agent as a contractor on a public works project, understand my statutory obligation to use steel products made in the United States (I.C. 5-16-8-2). I hereby certify that I and all subcontractors employed by me for this project will use U.S. steel on this project if awarded. I understand that violations hereunder may result in forfeiture of contractual payments.

ALTERNATE BIDS

A blank entry or an entry of "No Bid", "N/A", or similar entry on any Alternate will cause the bid to be rejected as non-responsive only if that Alternate is selected. If no change in the bid amount is required, indicate "No Change".

**\*\*MARK "ADD" OR "DEDUCT" FOR EACH ALTERNATE\*\***

Alternate Bid No. 1 – Landis ES: New Parking Lot, Detention Pond, and Bus Entrance. Base bid – no changes.

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)

\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_)      ADD  
(sum in figures)      DEDUCT

Alternate Bid No. 2 – Landis ES: New asphalt drive from existing parking lot, removal of barrier curbs and in-fill with asphalt in NE parking lot. Base bid – no changes.

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)

\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_)      ADD  
(sum in figures)      DEDUCT

Alternate Bid No. 3 – Landis ES: New playground area. Base bid – no changes.

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)

\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_)      ADD  
(sum in figures)      DEDUCT

**PART II**

(For projects of \$150,000 or more – IC 36-1-12-4)

These statements to be submitted under oath by each bidder with and as a part of his bid. (Attach additional pages for each section as needed.)

**SECTION I EXPERIENCE QUESTIONNAIRE**

1. What public works projects has your organization completed for the period of one (1) year prior to the date of the current bid?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

2. What public works projects are now in process of construction by your organization?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

3. Have you ever failed to complete any work awarded to you? \_\_\_\_\_ If so, where and why?

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4. List references from private firms for which you have performed work.

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**SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE**

1. Explain your plan or layout for performing proposed Work. (Examples could include a narrative of when you could begin, complete the project, number of workers, etc. and any other information which you believe would enable the governmental unit to consider your bid.)

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2. Please list the names and addresses of all subcontractors (i.e. persons or firms outside your own firm who have performed part of the work) that you have used on public works projects during the past five (5) years along with a brief description of the work done by each subcontractor.

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3. If you intend to sublet any portion of the work, state the name and addresses of each subcontractor, equipment to be used by the subcontractor, and whether you will required a bond. However, if you are unable to currently provide a listing, please understand a listing must be provided prior to contract approval. Until the completion of the proposed project, you are under a continuing obligation to immediately notify the governmental unit in the event that you subsequently determine that you will use a subcontractor on the proposed project.

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4. What equipment do you have available to use for the proposed Project? Any equipment used by subcontractors may also be required to be listed by the governmental unit.

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5. Have you into contracts or received offers for all materials which substantiate the prices used in preparing your proposal? If not, please explain the rationale used which corroborate the process listed.

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### **SECTION III CONTRACTOR'S FINANCIAL STATEMENT**

Attachment of Bidder's financial statement is mandatory. Any Bid submitted without said financial statement as required by statute shall thereby be rendered invalid. The financial statement provided hereunder to the governing body awarding the Contract must be specific enough in detail so that said governing body can make a proper determination of the Bidder's capability for completing the Project if awarded.

### **SECTION IV CONTRACTOR NON-COLLUSION AFFIDAVIT**

The undersigned Bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this Bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporations has, have, or will receive directly or indirectly, any rebate, fee, gift, commission, or thing of value on account of such contract.



## ADDENDUM TWO

**Addendum Two (AD.02)** to the drawings and specifications prepared by Gibraltar Design and The Skillman Corporation for **Columbia Elementary School and Landis Elementary School Site Improvements** for **Logansport Community School Corporation**, Logansport, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum and Addendum One and include the appropriate content of same within their bid proposal.

## SPECIFICATIONS

1. **Specification Section 00 01 10**                      **Table of Contents**
  - A. Under **VOLUME TWO**, add "**Division 10 Specialties**".
  - B. Under Division 10, add Specification Section 10 14 53, Traffic Signs.
2. **Specification Section 10 14 53**                      **Traffic Signs**
  - A. Add Specification Section 10 14 53, Traffic Signs, included in this Addendum, to the Project Manual.

## DRAWINGS

3. **Sheets C-100, C-101, C-102, C-103, C-104, C-106, C-108**
  - A. Refer to Seven (7) revised full size drawings, included in this addendum, for revisions.
4. **Sheets C-200, C-201, C-202, C-206**
  - A. Refer to Four (4) revised full size drawings, included in this addendum, for revisions.

Page 1, Specification Section 10 14 53, and Eleven (11) full-size drawings constitute the total makeup of **Addendum Two**.



# SECTION 10 14 53

## TRAFFIC SIGNS

### **PART 1 - GENERAL**

#### **1.01 WORK INCLUDES**

- A. This work shall consist of furnishing and installing traffic signs.

#### **1.02 REFERENCE DOCUMENTS**

- A. INDOT Standard Specifications, Section 802
- B. INDOT Standard Specifications, Section 919

### **PART 2 - MATERIALS**

- A. Sign posts shall conform to INDOT Type 1 with reinforced anchor base.
- B. Sign Sheet material shall conform to INDOT Standard Specification section 919.

### **PART 3 - EXECUTION**

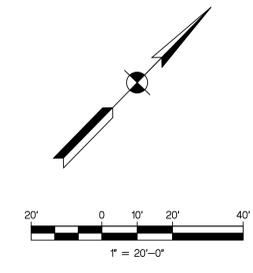
#### **3.01 INSTALLATION**

- A. Posts shall be vertical after installation. All damaged posts shall be removed and replaced with an acceptable post.
- B. Square reinforced anchor base shall be installed to INDOT standards.
- C. Sign Sheets shall be securely fastened to posts per INDOT standards.

**END OF SECTION**







**GIBRALTAR**  
DESIGN  
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT  
**COLUMBIA ES  
& LANDIS ES -  
SITE  
IMPROVEMENTS**  
LOGANSPORT COMMUNITY  
SCHOOL CORPORATION  
LOGANSPORT, INDIANA

**NIES**  
**engineering, inc.**  
2421 173 Street, Hammond, Indiana, 46323  
Phone: (219) 844 8680 Fax: (219) 844 7754  
Your Vision • Our Focus

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Indianapolis, IN 46260  
Homepage [www.GibraltarDesign.com](http://www.GibraltarDesign.com)  
Email: [info@GibraltarDesign.com](mailto:info@GibraltarDesign.com)  
Phone: 317.580.5777 Fax: 317.580.5778

PROJECT  
23-123  
DATE  
03/27/23  
COORDINATED BY  
MLM  
DRAWN BY  
MLM  
CHECKED BY  
MLM



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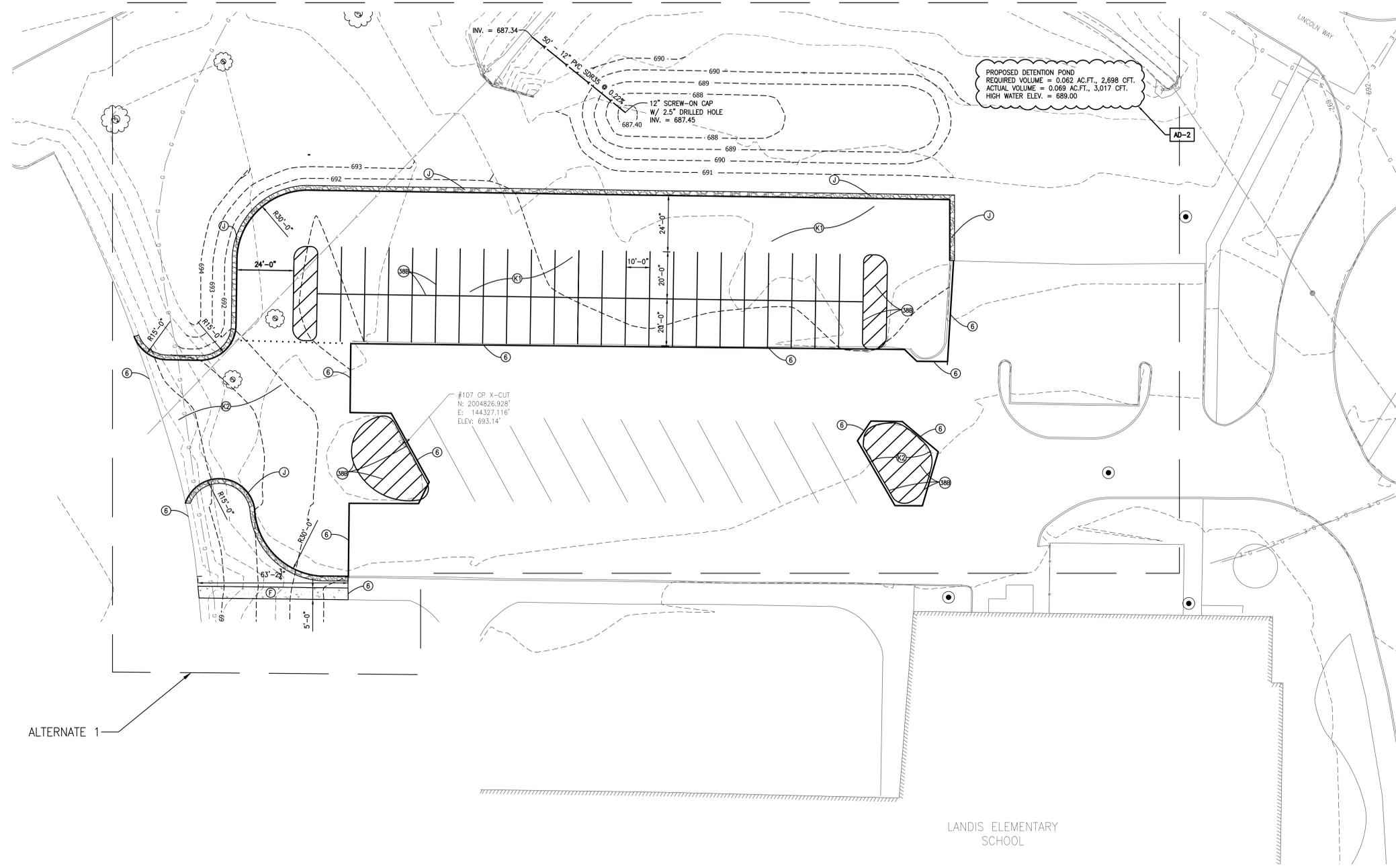
REVISIONS		
MARK	DATE	ISSUED FOR
AD-02	04/19/23	ADDENDUM 2

DRAWING		
MARK	DATE	ISSUED FOR
AD-02	04/19/23	ADDENDUM 2

DRAWING  
**PROPOSED SITE PLAN  
LANDIS ES**

PROJECT  
**COLUMBIA ES & LANDIS ES -  
SITE IMPROVEMENTS**

GIBRALTAR DESIGN SHEET  
**C-102**



ALTERNATE 1

LANDIS ELEMENTARY  
SCHOOL

LEGEND

EXISTING TREE	EXISTING GUY WIRE	EXISTING GAS	EXISTING WATERMAIN
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	EXISTING TELEPHONE	EXISTING CHAIN LINK FENCE
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	EXISTING CABLE TV	EXISTING TREE LINE
EXISTING BUFFALO BOX	EXISTING SIGN	EXISTING ELECTRICAL	SILT FENCE
EXISTING MAN HOLE	CONTROL POINT	EXISTING OVERHEAD ELECTRIC	RIGHT-OF-WAY
EXISTING CATCH BASIN	PROPERTY CORNER	EXISTING PIPELINE	PROPERTY LINE / BUILDING LINE
EXISTING INLET		EXISTING SANITARY	SECTION LINE
EXISTING UTILITY POLE		EXISTING STORM	

CONCRETE SIDEWALK, 5" THICK
CONCRETE CURB RAMP, 6" THICK
REGULAR DUTY PAVEMENT SECTION
HEAVY DUTY PAVEMENT SECTION
PLAYGROUND PAVEMENT SECTION
7 1/2" IN. #53 AGGREGATE SHOULDER, 2' WIDE
SAW CUT, FULL DEPTH
CONCRETE BARRIER CURB
STRIPE, SOLID, YELLOW, PAINT, 4"
TRANSVERSE MARKING, PAINT, CROSSWALK LINE, 24"

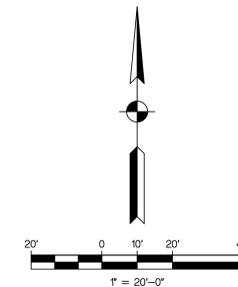
**SITE NOTES:**  
1. ALL DISTURBED AREAS NOT COVERED BY CONCRETE, ASPHALT, OR OTHER NOTED LANDSCAPING SHALL BE RESTORED WITH 4" TOP SOIL AND MULCHED SEEDING, INDOT TYPE U OR APPROVED EQUAL. THESE AREAS SHALL BE BROUGHT TO GRADE (MINUS 4") WITH SUITABLE FILL MATERIAL.

**ADDENDUM 2 REVISIONS:**  
1. REVISED DETENTION POND INFORMATION TO REFLECT THE DRAINAGE CALCULATIONS.

Wednesday, 4/19/2023 - 11:26 AM - LAST SAVED BY: MAMBAUK  
 PROJECT: GIBRALTAR 23-123-006 COLUMBIA-LANDIS SITE IMPROVEMENTS  
 0414 LANDIS ES REVIZIOWING



**GIBRALTAR**  
DESIGN  
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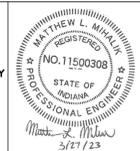
PROJECT  
**COLUMBIA ES  
& LANDIS ES -  
SITE  
IMPROVEMENTS**  
LOGANSPORT COMMUNITY  
SCHOOL CORPORATION  
LOGANSPORT, INDIANA



**engineering, inc.**  
2421 173 Street, Hammond, Indiana, 46323  
Phone: (219) 844 8880 Fax: (219) 844 7754  
Your Vision • Our Focus

**GIBRALTAR DESIGN**  
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Indianapolis, IN 46260  
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Phone: 317.580.5777 Fax: 317.580.5778

PROJECT  
23-123  
DATE  
03/27/23  
COORDINATED BY  
MLM  
DRAWN BY  
MLM  
CHECKED BY  
MLM



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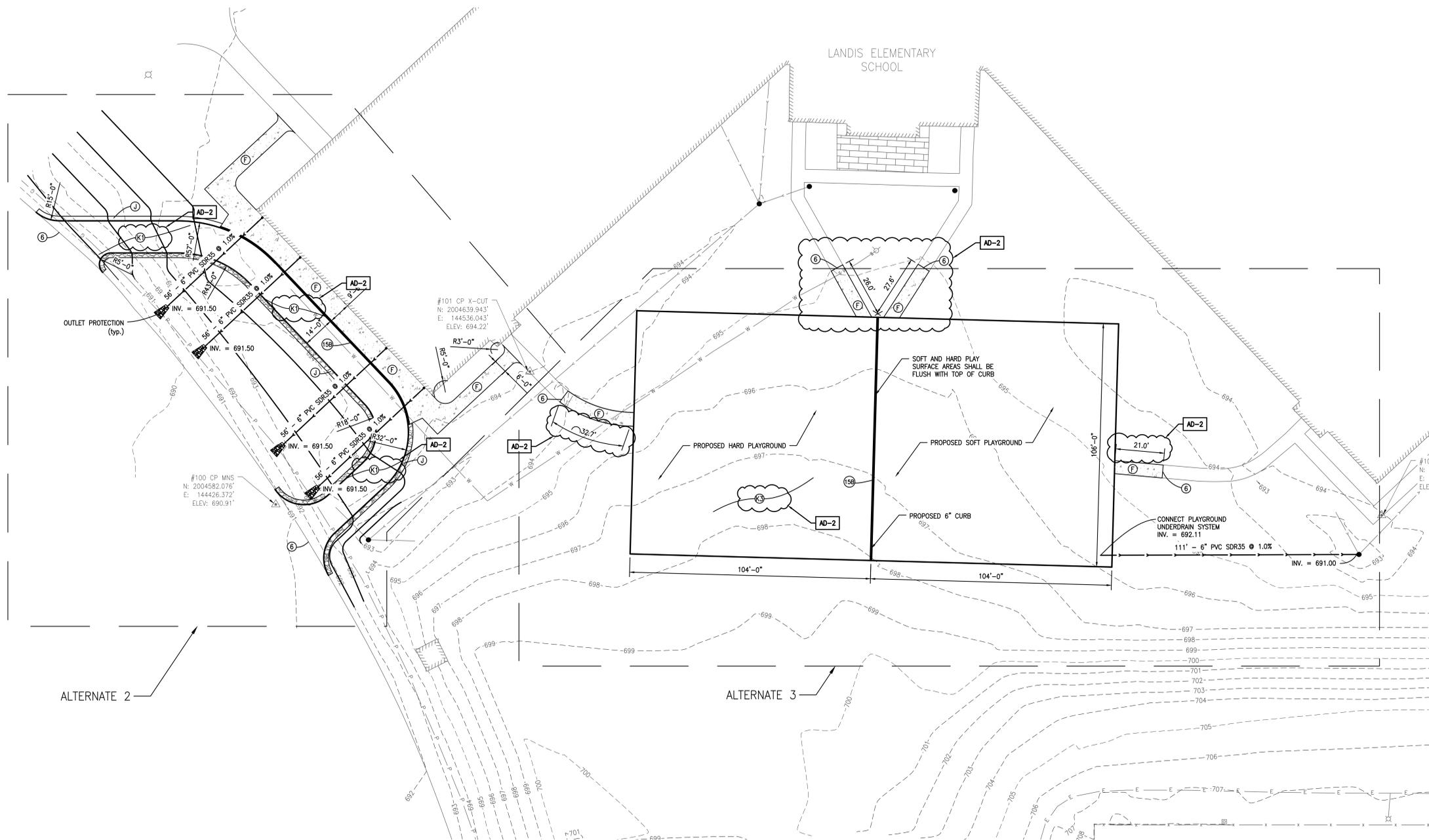
REVISIONS		
MARK	DATE	ISSUED FOR
AD-02	04/19/23	ADDENDUM 2

DRAWING		
MARK	DATE	ISSUED FOR
AD-02	04/19/23	ADDENDUM 2

PROPOSED SITE PLAN  
LANDIS ES

PROJECT  
COLUMBIA ES & LANDIS ES -  
SITE IMPROVEMENTS

GIBRALTAR DESIGN SHEET  
**C-103**



ALTERNATE 2

ALTERNATE 3

LEGEND			
	EXISTING TREE		EXISTING GUY WIRE
	EXISTING FIRE HYDRANT		EXISTING LIGHT POLE
	EXISTING WATER VALVE		EXISTING TELEPHONE BOX
	EXISTING BUFFALO BOX		EXISTING SIGN
	EXISTING MAN HOLE		CONTROL POINT
	EXISTING CATCH BASIN		PROPERTY CORNER
	EXISTING INLET		EXISTING SANITARY
	EXISTING UTILITY POLE		EXISTING STORM
	EXISTING GAS		EXISTING WATERMAIN
	EXISTING TELEPHONE		EXISTING CHAIN LINK FENCE
	EXISTING CABLE TV		EXISTING TREE LINE
	EXISTING ELECTRICAL		SILT FENCE
	EXISTING OVERHEAD ELECTRIC		RIGHT-OF-WAY
	EXISTING PIPELINE		PROPERTY LINE / BUILDING LINE
	EXISTING SANITARY		SECTION LINE
	EXISTING STORM		

	CONCRETE SIDEWALK, 5" THICK
	CONCRETE CURB RAMP, 6" THICK
	REGULAR DUTY PAVEMENT SECTION
	HEAVY DUTY PAVEMENT SECTION
	PLAYGROUND PAVEMENT SECTION
	7 1/2" IN. #53 AGGREGATE SHOULDER, 2' WIDE
	SAW CUT, FULL DEPTH
	CONCRETE BARRIER CURB
	STRIPES, SOLID, YELLOW, PAINT, 4"
	TRANSVERSE MARKING, PAINT, CROSSWALK LINE, 24"

**SITE NOTES:**  
1. ALL DISTURBED AREAS NOT COVERED BY CONCRETE, ASPHALT, OR OTHER NOTED LANDSCAPING SHALL BE RESTORED WITH 4" TOP SOIL AND MULCHED SEEDING, INDOT TYPE U OR APPROVED EQUAL. THESE AREAS SHALL BE BROUGHT TO GRADE (MINUS 4") WITH SUITABLE FILL MATERIAL.  
2. CONTRACTOR TO VERIFY LOCATION AND DEPTH OF UTILITIES PRIOR TO CONSTRUCTION. CONTACT ENGINEER IF THERE ARE ANY CONFLICTS.

**ADDENDUM 2 REVISIONS:**  
1. ADDED (K1) ASPHALT SECTION CALLOUTS TO PROPOSED DRIVEWAY (ALTERNATE 2).  
2. REVISED LENGTH OF SIDEWALK REPLACEMENT NORTH OF PLAYGROUND AREA (ALTERNATE 3).  
3. PLAYGROUND HARD SURFACE REVISED TO BE (K3) ASPHALT PAVEMENT SECTION (ALTERNATE 3).  
4. ADDED LENGTH DIMENSIONS ON PROPOSED SIDEWALK REPLACEMENTS AROUND PLAYGROUND AREA (ALTERNATE 3).

Wednesday, 4/19/2023 11:26 AM - LAST SAVED BY: MAMBAUK  
X:\PROJECTS\GIBRALTAR\23-506-COLUMBIA-LANDIS SITE\DWG\2023\0414 LANDIS ES REVIZ.DWG



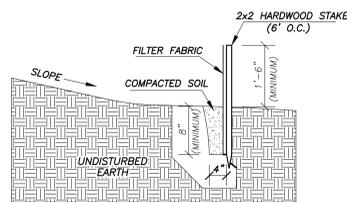


STABILIZATION PRACTICE	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING			1			2			1	2		
DORMANT SEEDING	3											3
TEMPORARY SEEDING			5	4		2		6	4			
SODDING			7			2			7			
MULCHING												

- 1 = Optimal planting for most turf mixes when properly fertilized, hydro-mulched, or straw mulched.
- 2 = Reduce Bluegrass % in mixes during this period.
- 3 = Seed only when germination cannot occur and increase seeding rates by 25% during this period.
- 4 = Annual ryegrass 50 lb per acre (1 lb. / 1000 s.f.)
- 5 = Spring oats 3 bu. per acre
- 6 = Wheat or Rye 2 bu. per acre
- 7 = Sod, irrigate 2-3 weeks after installation

SEE SECTION 02481 OF PROJECT SPECIFICATIONS FOR SODDING REQUIREMENTS.

**SEASONAL SOIL PROTECTION CHART**



MAXIMUM LAND SLOPE AND DISTANCE		SPECIFICATIONS FOR SILT FENCE FABRIC	
PHYSICAL PROPERTY	WEAVEN FABRIC	NON-WEAVEN FABRIC	
LESS THAN 2%	100 FT.	FILTERING EFFICIENCY	85%
2 TO 5%	75 FT.	TENSILE STRENGTH AT 20% ELONGATION	30 LBS./LINEAL IN.
5 TO 10%	50 FT.	STANDARD STRENGTH	50 LBS./LINEAL IN.
10 TO 20%	25 FT.	EXTRA STRENGTH	70 LBS./LINEAL IN.
MORE THAN 20%	15 FT.	SLURRY FLOW RATE	0.3 GAL./MIN./SQ. FT.
		WATER FLOW RATE	15 GAL./MIN./SQ. FT.
		UV RESISTANCE	70%

**ADDITIONAL SILT FENCE REQUIREMENTS**

LOCATION: FENCE NEARLY LEVEL, APPROXIMATELY FOLLOWING THE LAND CONTOUR, AND AT LEAST 10 FT. FROM TOE OF SLOPE TO PROVIDE A BROAD, SHALLOW SEDIMENT POOL.

TRENCH: 8 IN. MINIMUM DEPTH, FLAT BOTTOM, FILLED WITH COMPACTED SOIL TO BURY LOWER PORTION OF FENCE FABRIC (SEE DRAWING ABOVE).

SUPPORT POSTS: 2x2 HARDWOOD POSTS SET AT LEAST 1 FT. DEEP.

SPACING OF POSTS: 6 FT. MAXIMUM - SEE DRAWING ABOVE.

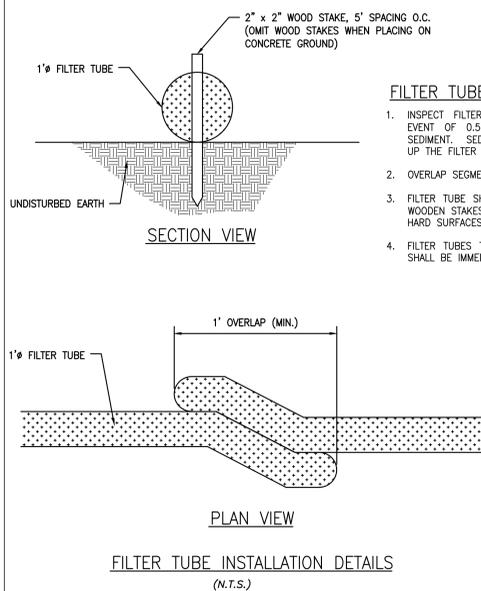
FENCE HEIGHT: HIGH ENOUGH SO THAT DEPTH OF IMPOUNDED WATER DOES NOT EXCEED 1-1/2 FT. AT ANY POINT ALONG FENCE LINE.

FENCE FABRIC: WOVEN OR NON-WEAVEN GEOTEXTILE FABRIC WITH SPECIFIED FILTERING EFFICIENCY AND TENSILE STRENGTH (SEE SPECIFICATIONS FOR SILT FENCE FABRIC ABOVE) AND CONTAINING UV INHIBITORS AND STABILIZERS TO ENSURE 6-MONTH MINIMUM LIFE AT TEMPERATURES 0°-120°.

ADDITIONALLY: PROVIDE ACCESS TO AREA IF SEDIMENT CLEANSOUT WILL BE NEEDED.

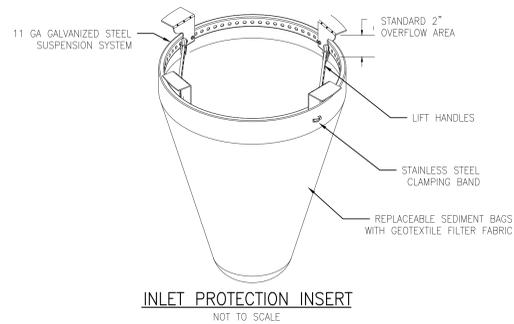
IF USING PRE-PACKAGED COMMERCIAL SILT FENCE RATHER THAN CONSTRUCTING ONE, FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.

**SILT FENCE INSTALLATION DETAIL (N.T.S.)**

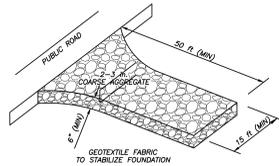


**FILTER TUBE NOTES:**

- INSPECT FILTER TUBES WEEKLY AND AFTER EVERY RAINFALL EVENT OF 0.5" OR GREATER. REMOVE ANY ACCUMULATED SEDIMENT. SEDIMENT SHALL NOT ACCUMULATE MORE THAN 50% UP THE FILTER TUBE.
- OVERLAP SEGMENTS OF FILTER TUBE MINIMUM 1 FOOT.
- FILTER TUBE SHALL BE SECURED TO THE GROUND WITH 2"x2" WOODEN STAKES. STAKES MAY BE OMITTED WHEN INSTALLED ON HARD SURFACES SUCH AS CONCRETE OR ASPHALT PAVEMENT.
- FILTER TUBES THAT ARE FOUND TO BE TORN OR SPLIT OPEN SHALL BE IMMEDIATELY REPLACED.



**INLET PROTECTION INSERT (NOT TO SCALE)**



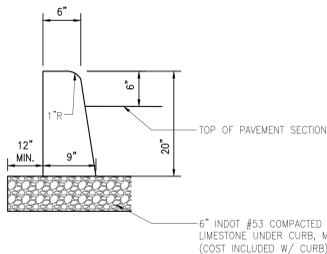
**INSTALLATION:**

- AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
- REMOVE ALL VEGETATION AND OTHER OBJECTIONABLE MATERIAL FROM THE FOUNDATION AREA AND GRADE AND CROWN FOR PROPER DRAINAGE.
- INSTALL 18\"/>

**MAINTENANCE:**

- RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
- TOPDRESS WITH CLEAN STONE AS NEEDED.
- IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING, SCRAPING AND/OR SWEEPING. FLUSHING SHOULD ONLY BE USED IF THE WATER IS CONVEYED INTO A SEDIMENT TRAP OR BASIN.
- REPAIR ANY BROKEN ROAD PAVEMENT IMMEDIATELY.

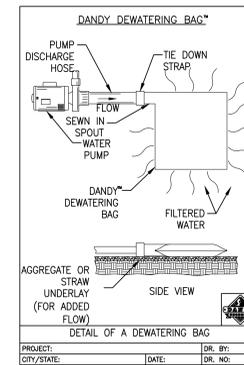
**TEMPORARY STONE CONSTRUCTION ENTRANCE (N.T.S.)**



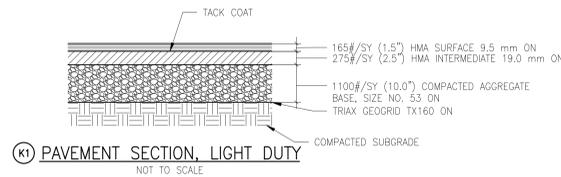
**15B CONCRETE BARRIER CURB, 6\"/>**

**INLET PROTECTION NOTES:**

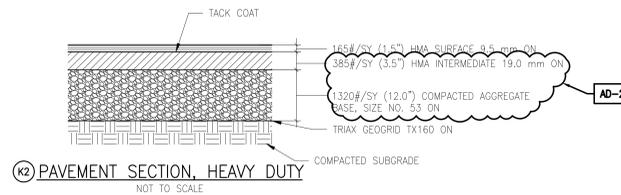
- INLET PROTECTION SHALL BE INSTALLED AT EVERY EXISTING DRAINAGE STRUCTURE AND PROPOSED DRAINAGE STRUCTURE. INLET PROTECTION SHALL BE INSTALLED UPON BEGINNING OF THE PROJECT AND SHALL REMAIN IN PLACE ON EXISTING DRAINAGE STRUCTURE FOR DURATION OF PROJECT OR UNTIL STRUCTURE IS REMOVED. INLET PROTECTION SHALL BE INSTALLED ON PROPOSED DRAINAGE STRUCTURES UPON INSTALLATION OF STRUCTURE AND SHALL REMAIN IN PLACE UNTIL COMPLETION OF SURFACE STABILIZATION.
- INLET PROTECTION BASKETS SHALL BE INSPECTED WEEKLY AND AFTER EVERY RAIN EVENT OF 0.5" OR GREATER. REMOVE ANY ACCUMULATED DEBRIS AND SEDIMENT. REPAIR ANY DAMAGE TO INSERT BASKET IF ANY IS DETECTED.
- REMOVE ANY DEPOSITED SEDIMENT FROM INLET FILTER BASKETS AND STONE BAG INLET PROTECTION ONCE THE LEVEL OF SEDIMENT REACHES HALF THE STORAGE HEIGHT OF THE CONTROL MEASURE. OR MORE OFTEN IF EXCESSIVE SEDIMENTATION IS EXPERIENCED. REMOVE GRATE FROM DRAINAGE STRUCTURE AND COLLECT DEBRIS FROM FILTER BASKET EITHER MANUALLY OR BY VACUUMING. IF A LAYER OF CLOGGING SILT REMAINS ON INSIDE OF FILTER BASKET BAG, FLUSH WITH WATER FOR OPTIMAL FILTRATION. ALL SEDIMENT REMOVED SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO ENTER THE STORM SEWER SYSTEM.
- IF ANY INLET FILTER BASKET OR STONE BAGS DEVELOP HOLES, FAIL TO PASS WATER OR BECOME INEFFECTIVE FOR ANY REASON, REPLACE THE AFFECTED CONTROL MEASURE, OR PORTION THEREOF.



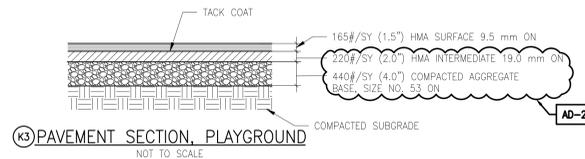
**DEWATERING FILTER BAG (NOT TO SCALE)**



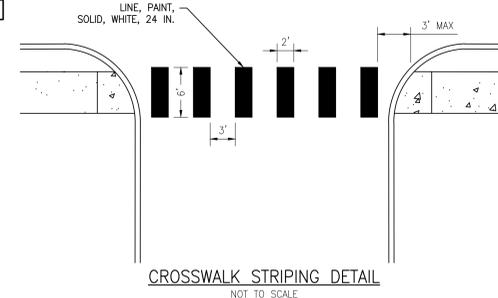
**(K1) PAVEMENT SECTION, LIGHT DUTY (NOT TO SCALE)**



**(K2) PAVEMENT SECTION, HEAVY DUTY (NOT TO SCALE)**



**(K3) PAVEMENT SECTION, PLAYGROUND (NOT TO SCALE)**



**CROSSWALK STRIPING DETAIL (NOT TO SCALE)**

- ADDENDUM 2 REVISIONS:**
- REVISED (K2) PAVEMENT SECTION, HEAVY DUTY DETAIL.
  - REVISED (K3) PAVEMENT SECTION, PLAYGROUND DETAIL.
  - REMOVED GEOGRID FROM (K3) PAVEMENT SECTION, PLAYGROUND.

**LOGANSPORT DEVELOPMENT MANUAL**

**BEDDING & BACKFILL DETAILS**

**FLEXIBLE SEWER PIPE BEDDING DETAIL (CLASS 1 & II)**

SCALE: NONE | DATE: JULY 2005 | DWG. NO. BB-1

DEPTH OF BEDDING MATERIAL BELOW PIPE	D (MIN)
27" & SMALLER	4"
30" TO 60"	4"
60" & LARGER	6"

**LEGEND**

Bc = OUTSIDE DIAMETER  
D = INSIDE DIAMETER  
d = DEPTH OF BEDDING MATERIAL BELOW PIPE BELL

**NOTE:** FOR ROCK OR OTHER NON-COMPRESSIBLE MATERIAL: THE TRENCH SHOULD BE OVER-EXCAVATED A MIN. OF 6" & FILLED WITH GRANULAR MATERIAL.

**LOGANSPORT DEVELOPMENT MANUAL**

**BEDDING & BACKFILL DETAILS**

**RIGID PIPE BEDDING DETAIL (CLASS "B")**

SCALE: NONE | DATE: JULY 2005 | DWG. NO. BB-3

DEPTH OF BEDDING MATERIAL BELOW PIPE	D (MIN)
27" & SMALLER	3"
30" TO 60"	4"
60" & LARGER	6"

**LEGEND**

Bc = OUTSIDE DIAMETER  
D = INSIDE DIAMETER  
d = DEPTH OF BEDDING MATERIAL BELOW PIPE BELL

**NOTE:** FOR ROCK OR OTHER NON-COMPRESSIBLE MATERIAL: THE TRENCH SHOULD BE OVER-EXCAVATED A MIN. OF 6" & FILLED WITH GRANULAR MATERIAL.

**LOGANSPORT DEVELOPMENT MANUAL**

**EROSION AND SEDIMENT CONTROL DETAILS**

**RIPRAP CHUTE OUTFALL DETAIL**

SCALE: NONE | DATE: JULY 2005 | DWG. NO. EC-8

**NOTE:** DIMENSIONS SHOWN ARE FOR GENERAL GUIDANCE ONLY. ALTER DIMENSIONS AS SITE CONDITIONS DICTATE.



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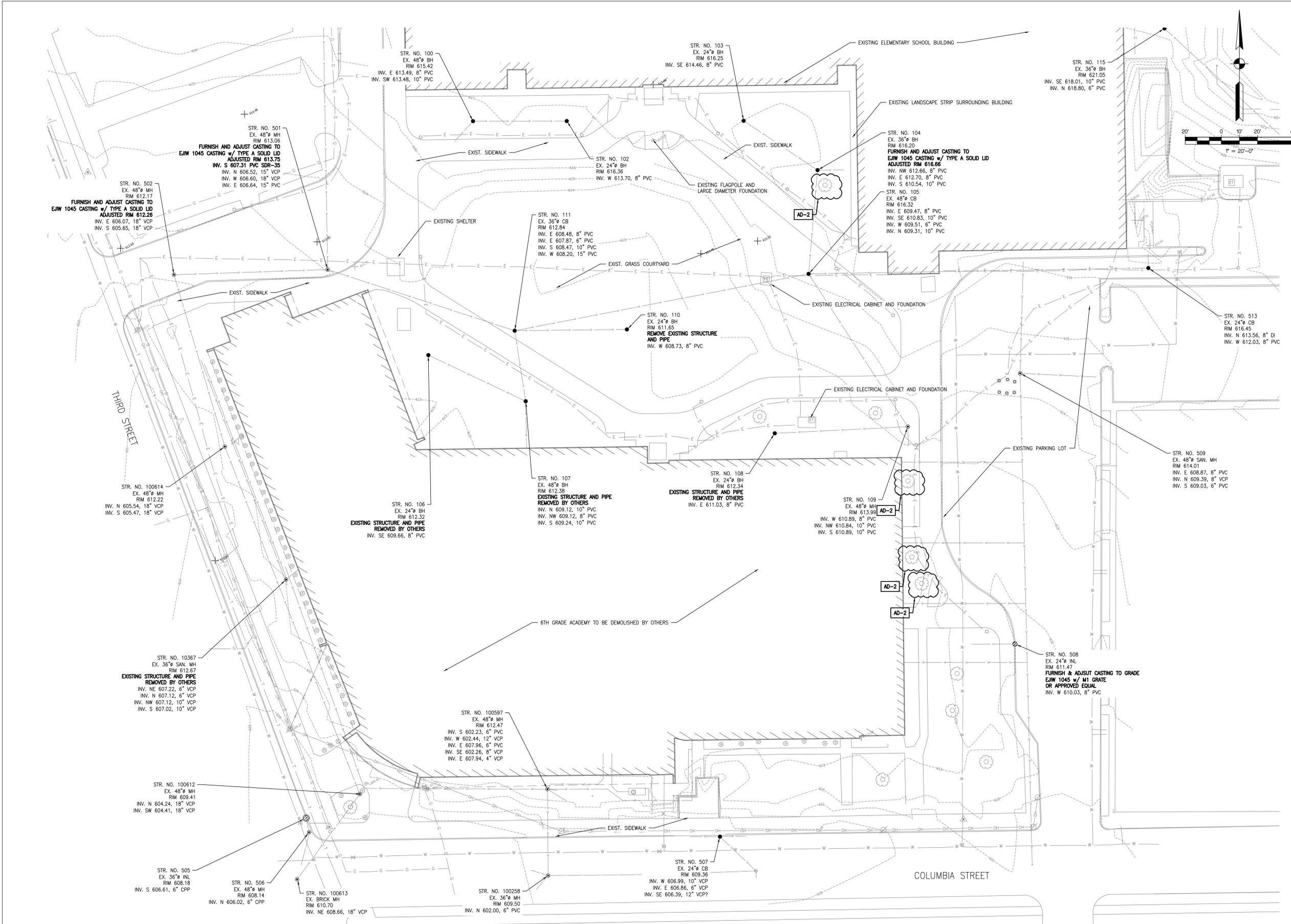
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EXISTING SITE PLAN  
COLUMBIA ES

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COLUMBIA ES & LANDIS ES -  
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**LEGEND**

	EXISTING TREE		EXISTING GAS		EXISTING WATERMAIN
	EXISTING FIRE HYDRANT		EXISTING TELEPHONE		EXISTING CHAIN LINK FENCE
	EXISTING WATER VALVE		EXISTING CABLE TV		EXISTING TREE LINE
	EXISTING BUFFALO BOX		EXISTING ELECTRICAL		SILT FENCE
	EXISTING MAN HOLE		EXISTING OVERHEAD ELECTRIC		RIGHT-OF-WAY
	EXISTING CATCH BASIN		EXISTING PROPERTY LINE		PROPERTY LINE / BUILDING LINE
	EXISTING INLET		EXISTING SANITARY		SECTION LINE
	EXISTING UTILITY POLE		EXISTING STORM		

**EXISTING SITE PLAN NOTES:**  
1. BOUNDARY AND TOPOGRAPHIC SURVEY PROVIDED BY HAMILTON DESIGNS (11988 FISHERS CROSSING DRIVE, SUITE 154, FISHERS, IN).  
2. SUPPLEMENTAL UTILITY INFORMATION COLLECTED BY NIES ENGINEERING.  
3. EXISTING 6TH GRADE ACADEMY BUILDING, UTILITY CONNECTIONS, SURROUNDING CONCRETE, AND LANDSCAPING SHALL BE REMOVED BY OTHERS.

**ADDENDUM 2 REVISIONS:**  
1. ADDED EXISTING TREES.

Wednesday, 4/19/2023 - 10:59 AM - LAST SAVED BY: MLML  
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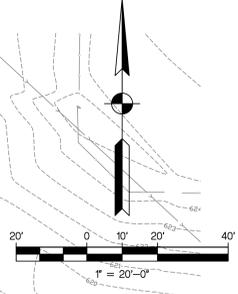
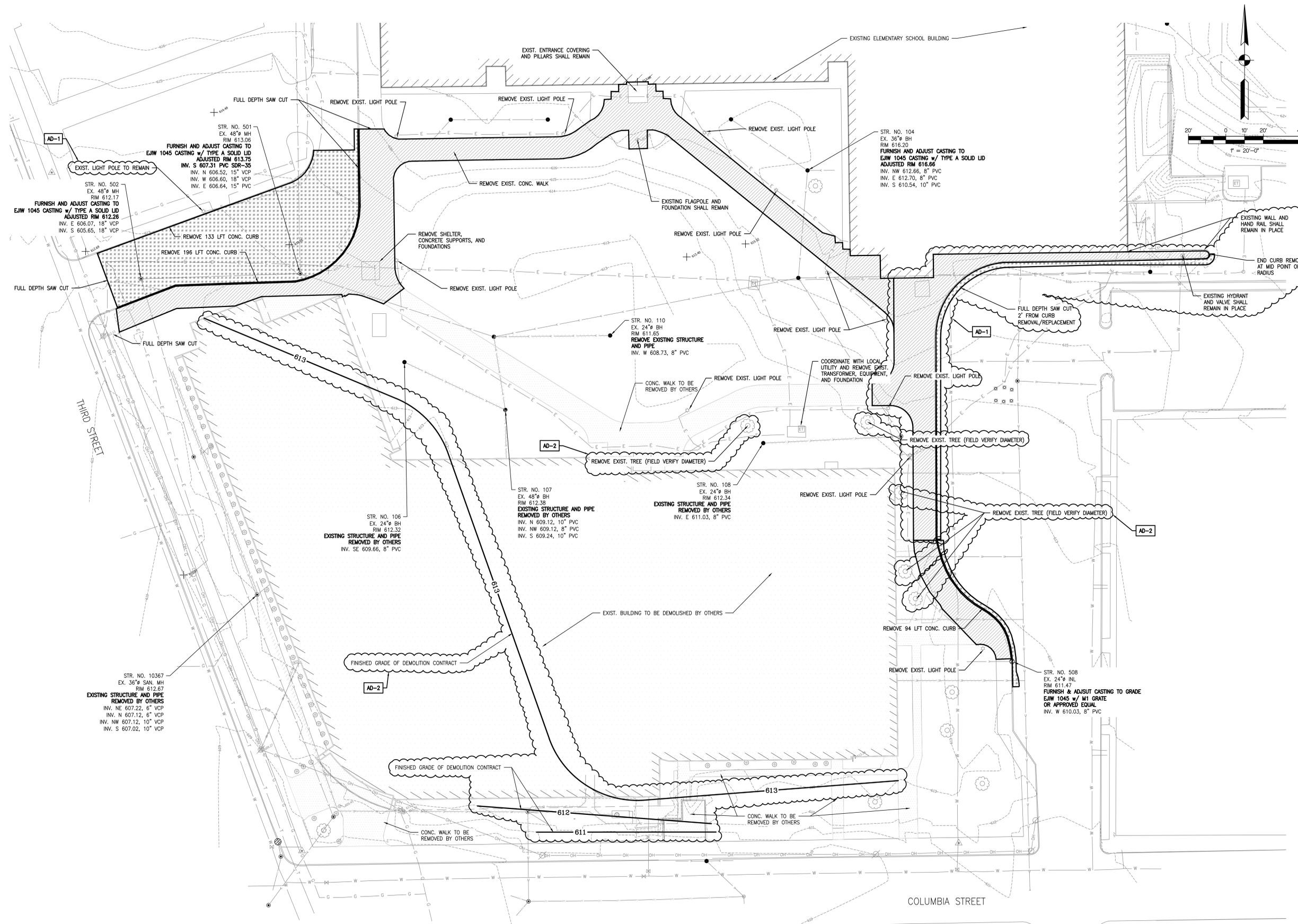
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AD-01	04/13/23	ADDENDUM 1
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**DEMOLITION PLAN  
COLUMBIA ES**

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COLUMBIA ES & LANDIS ES -  
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**C-201**



**LEGEND**

	EXISTING TREE		EXISTING GUY WIRE		EXISTING GAS
	EXISTING FIRE HYDRANT		EXISTING LIGHT POLE		EXISTING TELEPHONE
	EXISTING WATER VALVE		EXISTING TELEPHONE BOX		EXISTING CABLE TV
	EXISTING BUFFALO BOX		EXISTING SIGN		EXISTING ELECTRICAL
	EXISTING MAN HOLE		CONTROL POINT		EXISTING OVERHEAD ELECTRIC
	EXISTING CATCH BASIN		PROPERTY CORNER		EXISTING PIPELINE
	EXISTING INLET		EXISTING SANITARY		RIGHT-OF-WAY
	EXISTING UTILITY POLE		PROPERTY LINE / BUILDING LINE		SECTION LINE

- GENERAL DEMOLITION NOTES:**
- EXISTING 6TH GRADE ACADEMY BUILDING, UTILITIES, SIDEWALKS, AND LANDSCAPING ARE TO BE REMOVED BY OTHERS UNDER A SEPARATE CONTRACT. COORDINATION BETWEEN CONTRACTORS FOR THIS SEPARATE PROJECT MAY BE NECESSARY.
  - PAVEMENT ADJACENT TO CURB REMOVALS AND PROPOSED CURB SHALL BE SAW CUT TO FULL DEPTH 2" FROM EDGE OF THE CONCRETE CURB.
  - SIDEWALK THAT IS REMOVED SHALL BE SAW CUT TO FULL DEPTH, WHERE ADJACENT TO SIDEWALK THAT IS TO REMAIN, SAW CUT SHALL BE MADE ALONG EXISTING CONTROL OR EXPANSION JOINTS WHERE POSSIBLE.
  - TREES OR BUSHES NOT SHOWN ON PLANS WHICH INTERFERE WITH PROPOSED CONSTRUCTION SHALL BE REMOVED.

- ADDENDUM 1 REVISIONS:**
- REVISED LIGHT POLE NEAR EXISTING WEST DRIVEWAY TO REMAIN.
  - REVISED REMOVAL LIMITS OF SIDEWALK AND CURB ON EASTERN PORTION OF SITE.
- ADDENDUM 2 REVISIONS:**
- ADDED CONTOURS OF FINISHED GRADE TO BE LEFT BY DEMOLITION CONTRACT.
  - ADDED TREE REMOVAL CALLOUTS.
  - ADDED NOTE #4 REGARDING ADDITIONAL TREE DEMOLITIONS.

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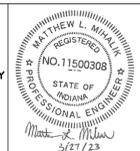
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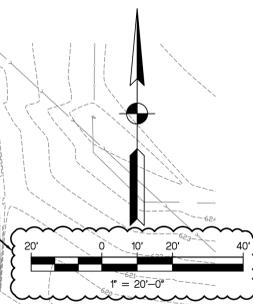
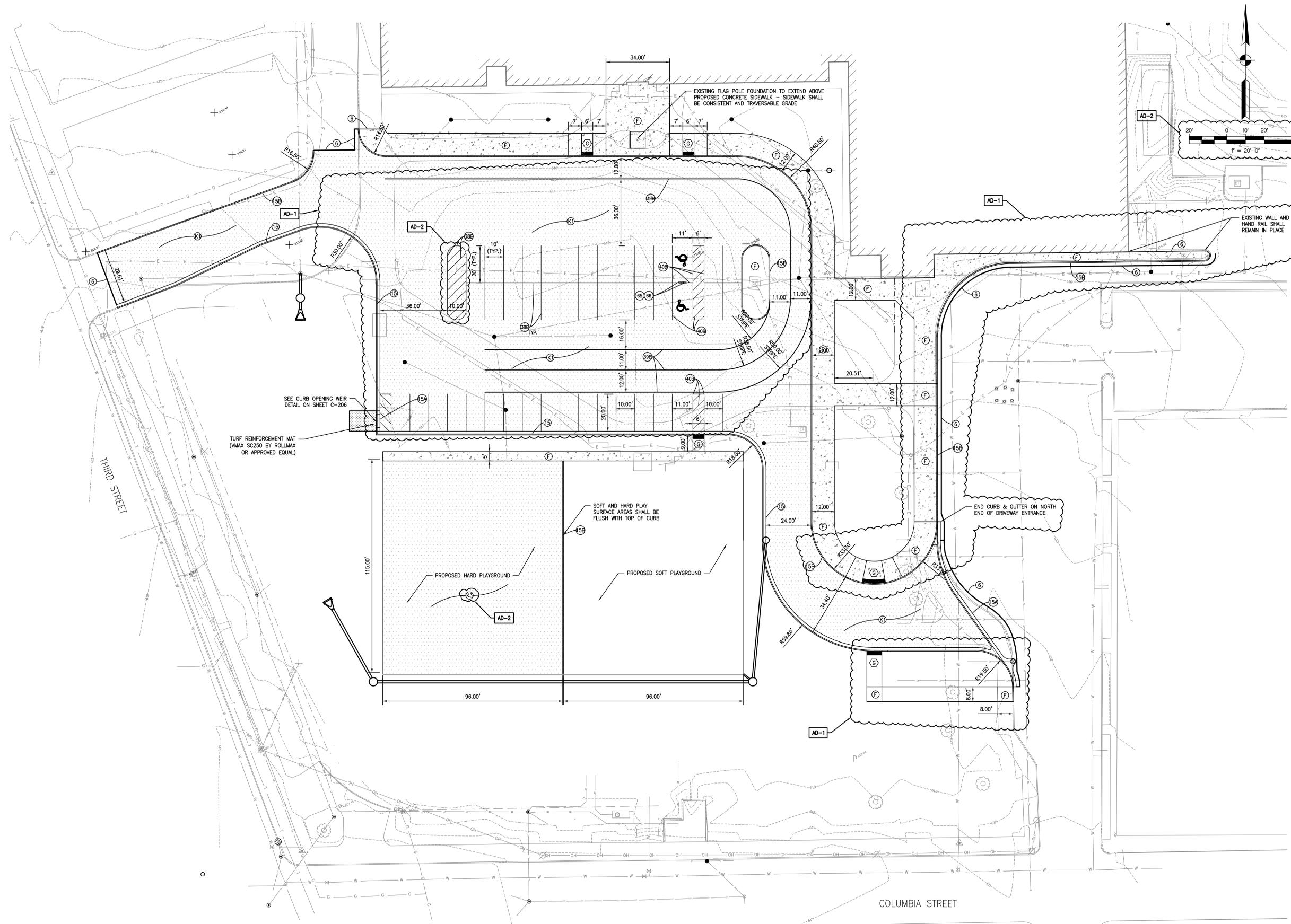
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MARK	DATE	ISSUED FOR
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AD-02	04/19/23	ADDENDUM 2

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COLUMBIA ES

PROJECT  
COLUMBIA ES & LANDIS ES -  
SITE IMPROVEMENTS

SHEET  
**C-202**



**LEGEND**

	EXISTING TREE		EXISTING GUY WIRE		EXISTING GAS
	EXISTING FIRE HYDRANT		EXISTING LIGHT POLE		EXISTING TELEPHONE
	EXISTING WATER VALVE		EXISTING TELEPHONE BOX		EXISTING CABLE TV
	EXISTING BUFFALO BOX		EXISTING SIGN		EXISTING ELECTRICAL
	EXISTING MAN HOLE		CONTROL POINT		EXISTING OVERHEAD ELECTRIC
	EXISTING CATCH BASIN		PROPERTY CORNER		EXISTING PIPELINE
	EXISTING INLET		EXISTING SANITARY		EXISTING STORM
	EXISTING UTILITY POLE				

	CONCRETE PAVEMENT, 6" THICK
	CONCRETE SIDEWALK, 5" THICK
	CONCRETE CURB RAMP, 6" THICK
	REGULAR DUTY PAVEMENT SECTION
	PLAYGROUND PAVEMENT SECTION
	SAW CUT, FULL DEPTH
	CONCRETE CURB AND GUTTER
	DEPRESSED CURB AND GUTTER
	CONCRETE BARRIER CURB
	DEPRESSED CONCRETE BARRIER CURB
	STRIPES, SOLID, WHITE, PAINT, 4"
	STRIPES, DASHED 1/2" LINE 4" SPACED, WHITE, PAINT, 4"
	STRIPES, SOLID, YELLOW, PAINT, 4"
	STRIPES, SOLID, BLUE, PAINT, 4"
	R7-8, SIGN, "RESERVED PARKING", 12"x18"
	R7-8B, SIGN, "VAN ACCESSIBLE", 12"x6"
	PAVEMENT MESSAGE, ADA PARKING SYMBOL, PAINT, BLUE

**SITE NOTES:**

- ALL RADIUS DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
- ALL DISTURBED AREAS NOT COVERED BY CONCRETE, ASPHALT, OR OTHER NOTED LANDSCAPING SHALL BE RESTORED WITH 4" TOP SOIL AND MULCHED SEEDING, INDOT TYPE U OR APPROVED EQUAL. THESE AREAS SHALL BE BROUGHT TO GRADE (MINUS 4") WITH SUITABLE FILL MATERIAL.
- INTERIOR OF CURB ISLANDS SHOWN IN THE PARKING LOTS SHALL BE COVERED BY TOP SOIL AND MULCHED SEEDING.
- INSTALL 3" PREFORMED EXPANSION MATERIAL BETWEEN ALL NEW CONCRETE AND EXISTING CONCRETE.

**ADDENDUM 1 REVISIONS:**

- REVISED SIDEWALK AND CURB LOCATIONS AND LIMITS ALONG EASTERN PORTION OF THE PROJECT.
- REVISED PARKING LOT LAYOUT.
- REVISED DIMENSIONS OF EAST DRIVEWAY.
- ADDED (398) TO THE LEGEND

**ADDENDUM 2 REVISIONS:**

- REVISED GRAPHIC SCALE.
- REVISED CALLOUT FOR PLAYGROUND HARD SURFACE PAVEMENT TO BE (K3).
- REMOVED CURB ISLAND ON WEST SIDE OF PARKING LOT AND REPLACED WITH PAVEMENT STRIPING.

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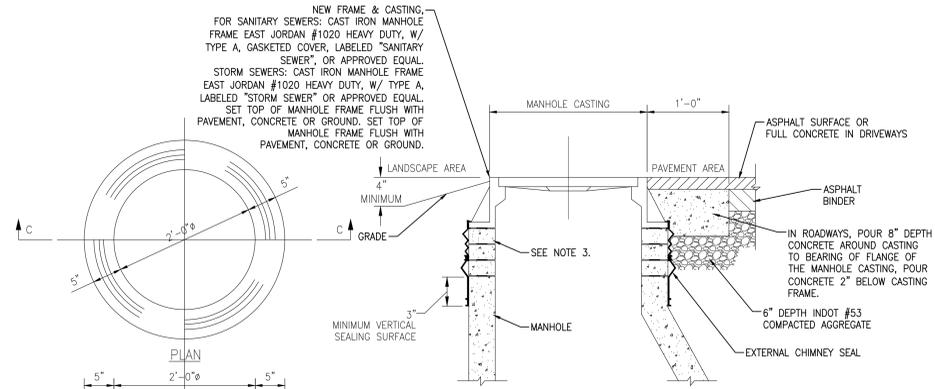
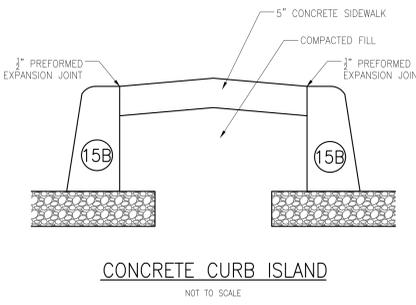
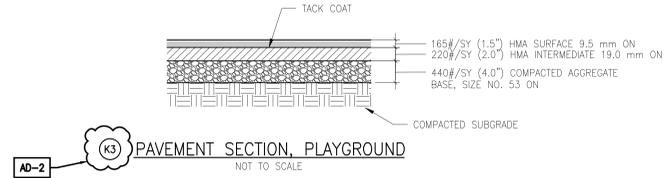
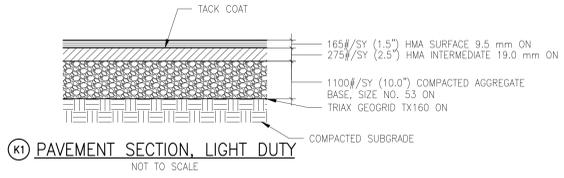
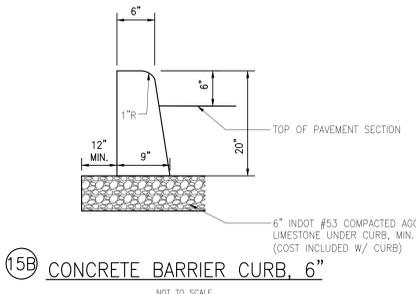
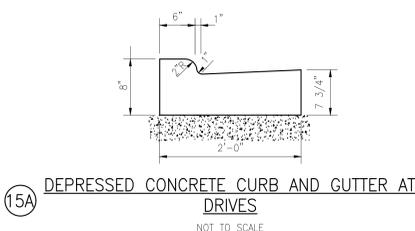
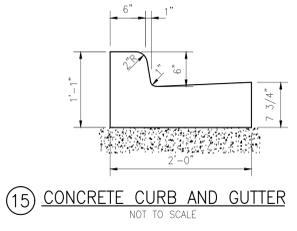
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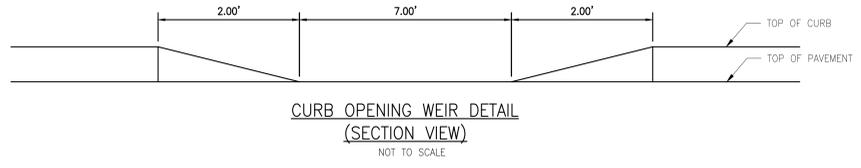
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- NOTES:**
1. ADJUSTING RINGS SHALL BE PRECAST AND SHALL BE USED FOR SANITARY MANHOLES, STORM SEWER MANHOLES AND VALVE PITS.
  2. THE CONCRETE SHALL BE HIGH EARLY STRENGTH AND SHALL BE ALLOWED TO CURE AT LEAST TWENTY FOUR HOURS BEFORE THE BARRICADED AREA IS ALLOWED FOR TRAFFIC.
  3. SET CASTING TO GRADE WITH RISER RINGS, PLACE BUTYL SEALANT BETWEEN EACH RING AND TO CASTING.



ADDENDUM 2 REVISIONS:  
1. REVISED CALLOUT FOR PLAYGROUND HARD SURFACE PAVEMENT TO BE (K3).

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