ADDENDUM NO. 1

October 3, 2024

Whiteland High School Ph 2: Café Kitchen Band Choir Auditorium
300 E. Main Street
Whiteland, IN 46184

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 August 30, 2024, by Lancer Associates Architecture. 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 1-1 through ADD 1-3 and attached Specification Sections 00 31 00 – Revised Indiana Bid Form, Logistics Plan, Guideline Schedule, and Lancer Associates Architecture Addendum No. 1, dated September 30, 2024, consisting of 5 Pages, Specification Sections 05 55 10 – Steel Gates, and Revised Drawings 100, 301, 302, 303, 401, 402, 403, 503, 800, 801, 900, 901, 902, 903, 904, 1000, 1003, S002, S611, S612, AD101A, AD101C, A201, A202 E702, T310, T401, T402, T403, and Soccer Complex Drawings 300 and 401.

A. SPECIFICATION SECTION 00 20 00 – INFORMATION AVAILABLE TO BIDDERS

Add Paragraphs C and D.

C. WCHS Phase 2 Site Logistics plan dated October 1, 2024 is being issued as part of this addendum for reference by all contractors.
D. WCHS Phase 2 Guideline Schedule dated October 1, 2024 is being issued as part of this addendum for reference by all contractors.

B. SPECIFICATION SECTION 00 31 00 BID FORM

1. Spec Section 00 31 00 – BID FORM section included as part of this Addendum.

C. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

Paragraph 3.02 General Clarifications

A. PROVIDED BY THE OWNER THROUGH THE CONSTRUCTION MANAGER:

Section	22 05 93	Testing, Adjusting, and Balancing for Plumbing
Section	23 05 93	Testing, Adjusting, and Balancing for HVAC

Add the following Project Specific Clarifications:

1. Each contractor is responsible for means and methods used to stock materials on upper floors and roof. It is allowable to install ramps at stairs or use lift from the exterior. All existing structures and finishes are to be protected from damage. Any damage or replacement of materials such as doors, windows, masonry, etc. will be at the cost of the contractor.
2. During demolition each contractor will provide dumpsters/disposal for their own waste.

C. BID CATEGORY NO. 3 – STRUCTURAL STEEL/MISC METALS

Add the following specification section:

Section	05 55 10	Steel Gates

M. BID CATEGORY NO. 13 – PLUMBING

Delete the following specification section:

Section	22 05 93	Testing, Adjusting, and Balancing for Plumbing

N. BID CATEGORY NO. 14 – HVAC

Delete the following specification section:

Section	23 05 93	Testing, Adjusting, and Balancing for HVAC

D. SPECIFICATION SECTION 01 23 00 – ALTERNATES

1. Revise Paragraph **1.04 – SCHEDULE OF ALTERNATES** as follows:

E. ALTERNATE NO. 5: Distech with Niagara 4, installed by Jackson Systems and Supply.

BASE BID: Controls by Owner.

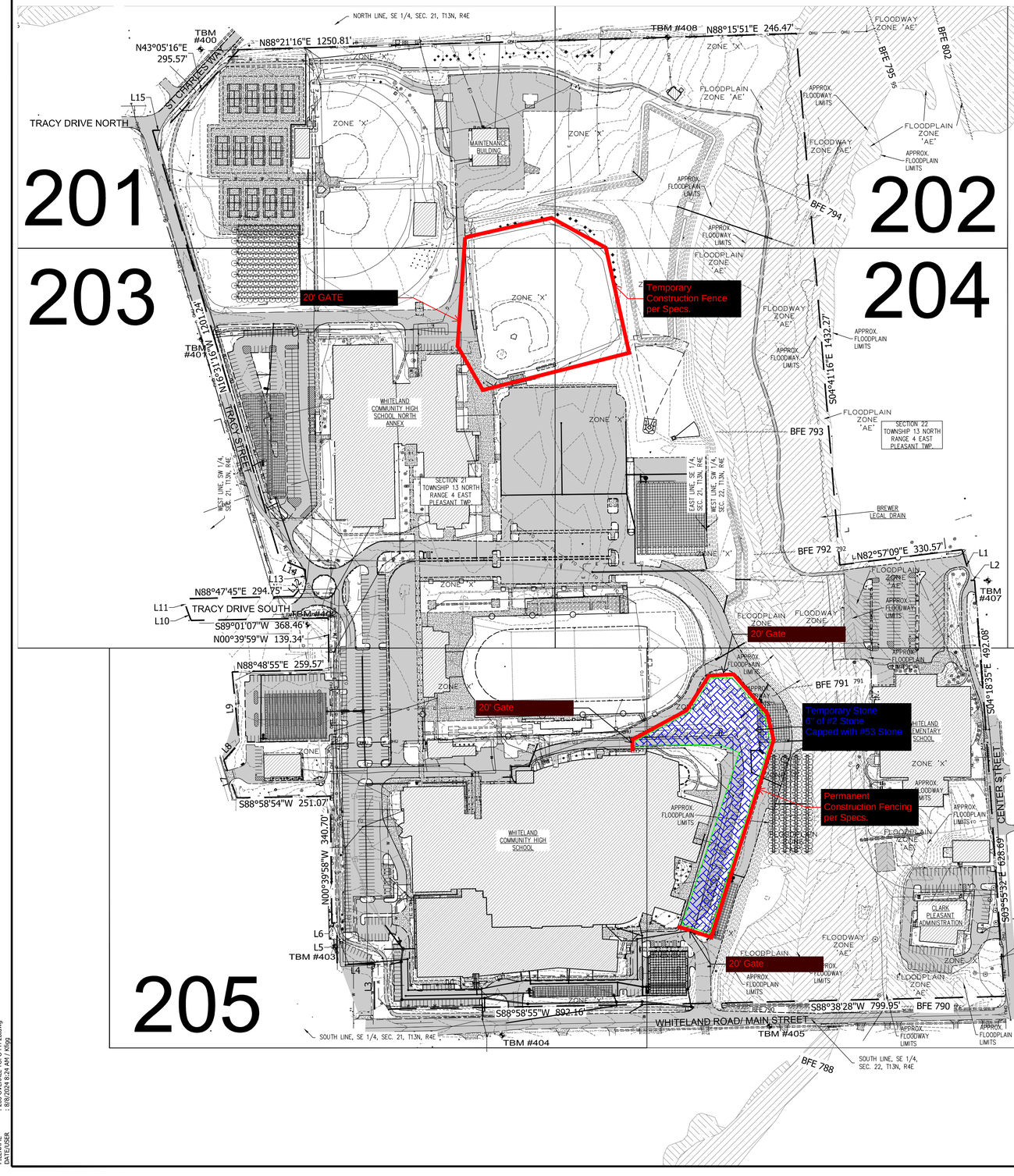
F. ALTERNATE NO. 6: Johnson Controls Metasys with Niagara 4, installed by local factory authorized branch.

BASE BID: Controls by Owner.

G. ALTERNATE NO. 7: Alerton Controls with Niagara 4, installed by Open Control Systems.

BASE BID: Controls by Owner.

Phase 2 Logistics Plan
10/1/24



Boundary Line Table		
Line #	Direction	Length
L1	S16°51'24"E	86.00'
L2	N87°08'36"E	8.81'
L3	N00°07'39"W	121.99'
L4	S88°58'56"W	99.96'
L5	N00°07'39"W	112.00'
L6	S88°58'16"W	13.76'
L7	N19°16'56"W	106.79'
L8	N42°42'49"E	60.96'
L9	N05°29'15"W	193.57'
L10	N20°48'54"W	30.97'
L11	N16°27'01"W	30.46'
L12	N40°12'44"E	49.65'
L13	N01°07'16"W	34.00'
L14	N67°14'17"W	74.01'
L15	N88°17'44"E	29.87'

EXISTING LEGEND

POWERPOLE
POWERPOLE W/RISER
POWERPOLE W/LIGHT
LIGHT POLE
ELECTRIC METER
ELECTRIC BOX
YARD LIGHT
GUIDE WIRE
TELEPHONE MANHOLE
TELEPHONE RISER
WATER VALVE
FIRE HYDRANT
WELL
WATER MANHOLE
WATER METER
GAS VALVE
GAS VALVE
CABLE TV RISER
CLEANOUT
SIGN
MAILBOX
STORM ROUND INLET
STORM CURB INLET
RIGHT-OF-WAY MARKER
TREE, BUSH & STUMP
TEMP. BENCHMARK
MONUMENT FOUND

800 CONTOURS
PROPERTY LINE
SECTION LINE
RIGHT-OF-WAY
EASEMENT
ADJOINER LINE
PAVEMENT LINE
FIELD LINE
PRIVACY FENCE
CHAINLINK FENCE
SPLIT RAIL FENCE
WIRE FENCE
DITCH
GAS LINE
TELEPHONE LINE
WATER LINE
CABLE TV LINE
ELECTRIC LINE
OVERHEAD UTILITY LINE
TREE LINE
SANITARY SEWER
W/MANHOLE
STORM SEWER W/ MANHOLE & END SECTION

(D) DEED (M) MEASURE (PS) PLAT SURVEY
ASPHALT BUILDING CONCRETE
GRAVEL

PROPERTY BOUNDARY SHOWN IS PRELIMINARY PENDING COMPLETION OF THE ALTA/NSPS LAND TITLE SURVEY BEING PREPARED BY G.W. CHARLES, L.S. WITH CROSSROAD ENGINEERS, P.C.

EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.

NORTH

150 0 150 300
SCALE: 1" =150'

TOPOGRAPHICAL NOTES

1. CONTRACTOR SHALL DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
2. UTILITIES ARE GRAPHICAL REPRESENTATION PER SURVEY AND MAPPING. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL COORDINATE WITH APPLICABLE UTILITY COMPANIES FOR SERVICE DIS-CONNECTIONS AND/OR RELOCATIONS.
4. PHASE 2A IS UNDER CONSTRUCTION. CONTRACTOR SHALL FIELD VERIFY ALL PHASE 2A ELEVATIONS WHERE PHASE 2 IMPROVEMENTS CONNECT AND REPORT DISCREPANCIES TO THE OWNER, SKILLMAN, AND ENGINEER IMMEDIATELY.

FLOODPLAIN INFORMATION

BY GRAPHIC PLOTTING ONLY, THIS TRACT OF LAND DESCRIBED HEREON LIES WITHIN THE UNSHADED PORTION OF ZONE 'X' (AREAS OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN), FLOODPLAIN ZONE 'X' (AREAS OF 0.2% ANNUAL CHANCE FLOOD), FLOODPLAIN ZONE 'AE' (AREA OF 1% ANNUAL CHANCE FLOOD WITH ESTABLISHED BASE FLOOD ELEVATIONS), AND FLOODWAY ZONE 'AE' AND IS IN A SPECIAL FLOOD HAZARD AREA AS PLOTTED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP FOR JOHNSON COUNTY, INDIANA, COMMUNITY PANEL NO. 18081C0137D, WHICH BEARS AN EFFECTIVE DATE OF 08/02/2007.

BENCHMARK INFORMATION

ORIGINATING BENCHMARK

DESIGNATION – X 13
PID – KA0010
STATE/COUNTY – IN/MORGAN
USGS QUAD – MOORESVILLE EAST (1980)

VERT ORDER – FIRST CLASS II

DESCRIBED BY COAST AND GEODETIC SURVEY 1946
1.2 MI N FROM WAVERLY.
IN JOHNSON COUNTY, 1.2 MILES NORTH ALONG STATE HIGHWAY 37 FROM THE INTERSECTION OF STATE HIGHWAY 144 AT WAVERLY, MORGAN COUNTY, 125 YARDS NORTH OF THE MORGAN–JOHNSON COUNTY LINE, 26 FEET WEST OF THE CENTERLINE OF THE HIGHWAY, IN LINE WITH THE WEST RIGHT–OF–WAY FENCE, 1.5 FEET SOUTH OF A WHITE WOODEN WITNESS POST, AND ABOUT 2 FEET HIGHER THAN THE HIGHWAY. A STANDARD DISK, STAMPED 686.370 X 13 1930 AND SET IN THE TOP OF A CONCRETE POST PROJECTING 7 INCHES ABOVE GROUND.

RECOVERY NOTE BY IN DEPT OF NAT RES 1985
NEW DESC– AT THE INTERSECTION OF NEW STATE ROAD 144 AND OLD STATE ROAD 37, IN THE SOUTHWEST QUARTER OF THE INTERSECTION, WITNESS POST IS GONE RIGHT–OF–WAY FENCE IS GONE, ALL OTHER INFORMATION APPEARS TO BE CORRECT.

ELEVATION = 685.94 (NAVD 88)

TBM #400
RR SPIKE SET IN E FACE OF PP#"P21063" LOCATED ±180' N OF "TRACT NORTH DRIVE" ±40' WEST OF "SAINT CHARLES WAY"
ELEV.=805.77

TBM #401
RR SPIKE SET IN E FACE OF PP#"P21D42" LOCATED ±6' W OF "TRACY ST." ±40' S OF N PARKING LOT ENTRANCE @ "CLARK PLEASANT EMPLOYEE HEALTH & WELLNESS CENTER"
ELEV.=805.07

TBM #402
CUT BOX ON TOP OF CONC PEDESTAL FOR UP ON N EDGE OF CONC. LOCATED @ NE MOST CORNER OF PARKING LOT FOR "199 US–31 "BIG SPLASH CAR WASH"
ELEV.=806.18

TBM #403
SE MOST CORNER OF BOTTOM CONC STEP LOCATED @ SE CORNER OF "STUDIO 31 SALON" "43 N. US–31" ON E FACE OF BUILDING.
ELEV.=801.28

TBM #404
NE CORNER OF TOP CONC STEP CONNECTED TO LEAD WALK @ "239 E MAIN ST." LOCATED SE QUAD OF "E MAIN ST." & "TICHENOR LN."
ELEV.=799.80

TBM #405
RR SPIKE SET IN E FACE POWERPOLE, LOCATED ±5' S OF "E MAIN ST." & ±XX W OF DRIVE @ "399 E MAIN ST."
ELEV.=790.98

TBM #406
SW CORNER OF CONC PORCH @ "49 CENTER ST."
ELEV.=797.61

TBM #407
RR SPIKE SET IN S FACE OF PP# "P22C73". LOCATED ±5' E OF "CENTER ST." & ±150' N OF "CLEM ST."
ELEV.=800.07

TBM #408
RR SPIKE SET IN E FACE OF POWER POLE. LOCATED @ SW CORNER OF PROPERTY OF "329 CHRISTINA DR."
ELEV.=800.89

INDIANA 811 Dig Rite Know what's below. Call before you dig.

UTILITIES

Note: Listed below are the Indiana Underground Plant Protection Services Contacts; Others not listed may exist.

SANITARY SEWER
TOWN OF WHITELAND
SANITATION DEPARTMENT
549 MAIN STREET
WHITELAND, IN 46184
PHONE: (317) 557–2955
EMAIL: JJONES@WHITELAND.IN.GOV
CONTACT: JESSE JONES

TOWN OF NEW WHITELAND
SANITATION DEPARTMENT
540 TRACY ROAD, SUITE A
NEW WHITELAND, IN 46184
PHONE: (317) 941–3544
EMAIL: MATT.GILLOCK@NEWWHITELAND.IN.GOV
CONTACT: MATT GILLOCK

STORM SEWER
TOWN OF WHITELAND
DEPARTMENT OF PUBLIC WORKS
549 MAIN STREET
WHITELAND, IN 46184
PHONE: (317) 557–1033
EMAIL: SYOUNG@WHITELAND.IN.GOV
CONTACT: SHAUN YOUNG

GAS
CENTERPOINT ENERGY
600 INDUSTRIAL DRIVE
FRANKLIN, IN 46131
PHONE: (765) 287–2119
EMAIL: JONATHAN.EASTHAM@CENTERPOINTENERGY.COM
CONTACT: JONATHAN EASTHAM

WATER
TOWN OF WHITELAND
DEPARTMENT OF PUBLIC WORKS
549 MAIN STREET
WHITELAND, IN 46184
PHONE: (317) 557–1033
EMAIL: SYOUNG@WHITELAND.IN.GOV
CONTACT: SHAUN YOUNG

INDIANA AMERICAN WATER COMPANY
153 N. EMERSON AVENUE
GREENWOOD, IN 46143
PHONE: (317) 209–5837
EMAIL: JONNY.NORRIS@AMWATER.COM
CONTACT: JONNY NORRIS

ELECTRIC
TOWN OF BARGERSVILLE
24 N. MAIN STREET
BARGERSVILLE, IN 46106
PHONE: (317) 422–5117
EMAIL: KKILLINGER@BARGERSVILLE.IN.GOV
CONTACT: KEVIN KILLINGER

JOHNSON COUNTY REMC
750 INTERNATIONAL DRIVE
FRANKLIN, IN 46131
PHONE: (317) 738–7639
EMAIL: JEANS@JCREMC.COM
CONTACT: SCOTT JEAN

TELECOMMUNICATIONS
JOHNSON COUNTY REMC FIBER
750 INTERNATIONAL DRIVE
FRANKLIN, IN 46131
PHONE: (317) 797–9786
EMAIL: BENNETTE@JCREMC.COM
CONTACT: ERIC BENNETT

BRIGHTSPEED
50 N. JACKSON STREET
FRANKLIN, IN 46131
PHONE: (980) 376–1445
EMAIL: JAMES.W.ROLLEY@BRIGHTSPEED.COM
CONTACT: JAMES ROLLEY

EVERSTREAM
342 MASSACHUSETTS AVENUE
INDIANAPOLIS, IN 46204
PHONE: (317) 213–3137
EMAIL: MPUGH@EVERSTREAM.NET
CONTACT: MARK PUGH

COMCAST
1600 W. VERNAL PIKE
BLOOMINGTON, IN 47404
PHONE: (812) 360–3090
EMAIL: STEVE_MCARTOR@COMCAST.COM
CONTACT: STEVE MCARTOR

METRONET
3701 COMMUNICATIONS WAY
EVANSVILLE, IN 47715
PHONE: (812) 253–2196
EMAIL: MARK.DECKARD@METRONETINC.COM
CONTACT: MARK DECKARD

NOTE: The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees that the underground utilities comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th AVENUE, BEECH GROVE, IN 46107 (317) 780-1555

SHEET 200

OVERALL TOPOGRAPHICAL SURVEY
WHITELAND HIGH SCHOOL PHASE 2

JOB No.	.	DRAWN	KLF	CHECKED	TEN	APPR.	GJI
DATE	AUGUST 9, 2024	DESIGNED	DMS				

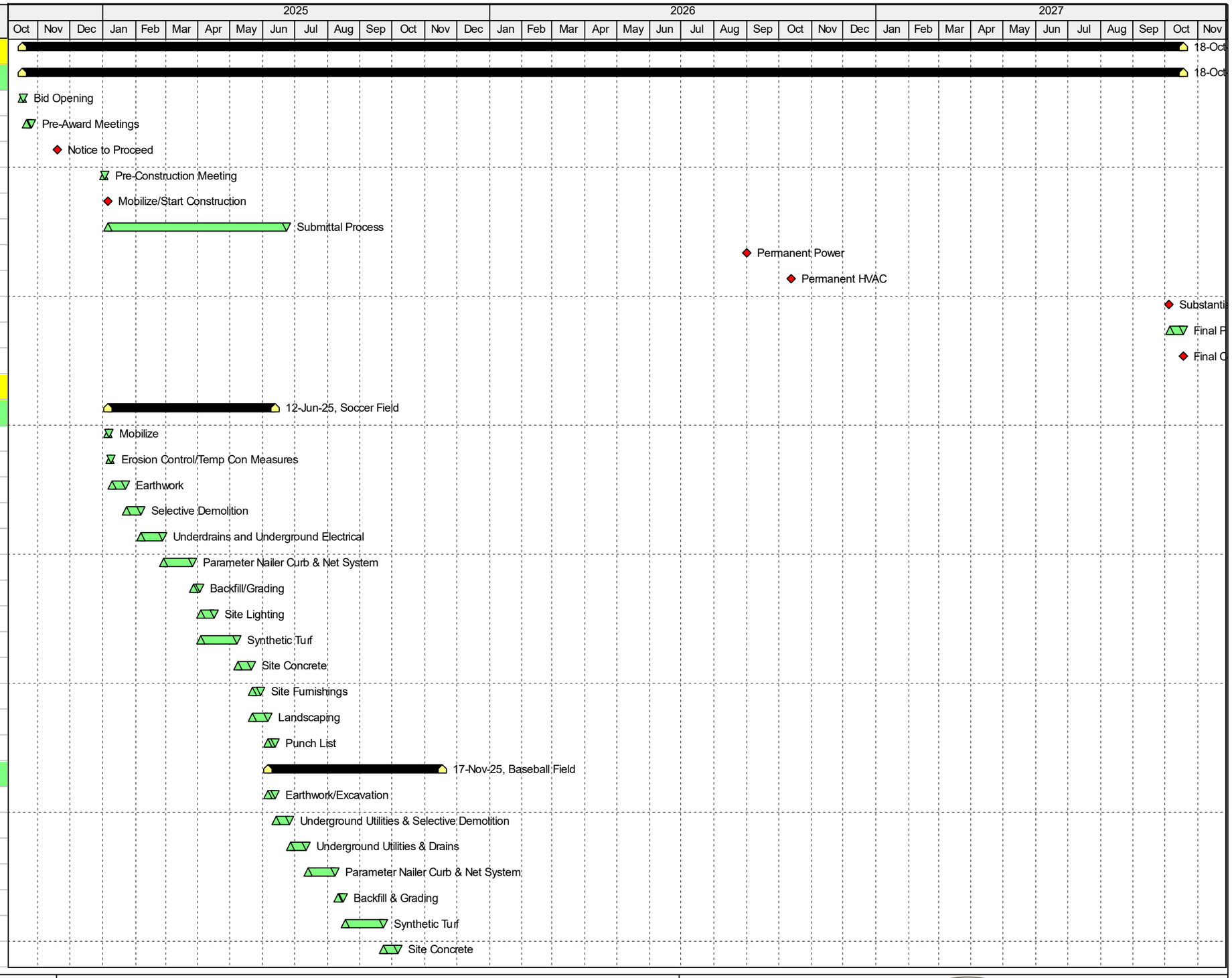
PRELIMINARY NOT FOR CONSTRUCTION

NO.	DATE	REVISIONS	BY	APPR.
1				
2				
3				
4				
5				
6				
7				
8				
9				

SHEET 200

DIRECTORY PATH : R:\Active\Jones+Reebel\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 200 OVERALL TOPO PH 2B.dwg
DATE/USER : 8/8/2024 8:24 AM / KFigg

Activity Name	Original Duration	Start	Finish
Clark-Pleasant WCHS P2	773	17-Oct-24	18-Oct-27
Project Administration	773	17-Oct-24	18-Oct-27
Bid Opening	1	17-Oct-24*	17-Oct-24
Pre-Award Meetings	5	21-Oct-24*	25-Oct-24
Notice to Proceed	0	19-Nov-24*	
Pre-Construction Meeting	1	02-Jan-25	02-Jan-25
Mobilize/Start Construction	0	06-Jan-25*	
Submittal Process	120	06-Jan-25	23-Jun-25
Permanent Power	0	01-Sep-26	
Permanent HVAC	0	13-Oct-26	
Substantial Completion	0		04-Oct-27
Final Punchlist	10	05-Oct-27	18-Oct-27
Final Completion	0		18-Oct-27
Critical School Dates	0		
Soccer Field	113	06-Jan-25	12-Jun-25
Mobilize	1	06-Jan-25	06-Jan-25
Erosion Control/Temp Con Measures	2	07-Jan-25	08-Jan-25
Earthwork	10	09-Jan-25	22-Jan-25
Selective Demolition	10	23-Jan-25	05-Feb-25
Underdrains and Underground Electrical	15	06-Feb-25	26-Feb-25
Parameter Nailer Curb & Net System	20	27-Feb-25	26-Mar-25
Backfill/Grading	5	27-Mar-25	02-Apr-25
Site Lighting	10	03-Apr-25	16-Apr-25
Synthetic Turf	25	03-Apr-25	07-May-25
Site Concrete	10	08-May-25	21-May-25
Site Furnishings	5	22-May-25	29-May-25
Landscaping	10	22-May-25	05-Jun-25
Punch List	5	06-Jun-25	12-Jun-25
Baseball Field	115	06-Jun-25	17-Nov-25
Earthwork/Excavation	5	06-Jun-25	12-Jun-25
Underground Utilities & Selective Demolition	10	13-Jun-25	26-Jun-25
Underground Utilities & Drains	10	27-Jun-25	11-Jul-25
Parameter Nailer Curb & Net System	20	14-Jul-25	08-Aug-25
Backfill & Grading	5	11-Aug-25	15-Aug-25
Synthetic Turf	25	18-Aug-25	22-Sep-25
Site Concrete	10	23-Sep-25	06-Oct-25



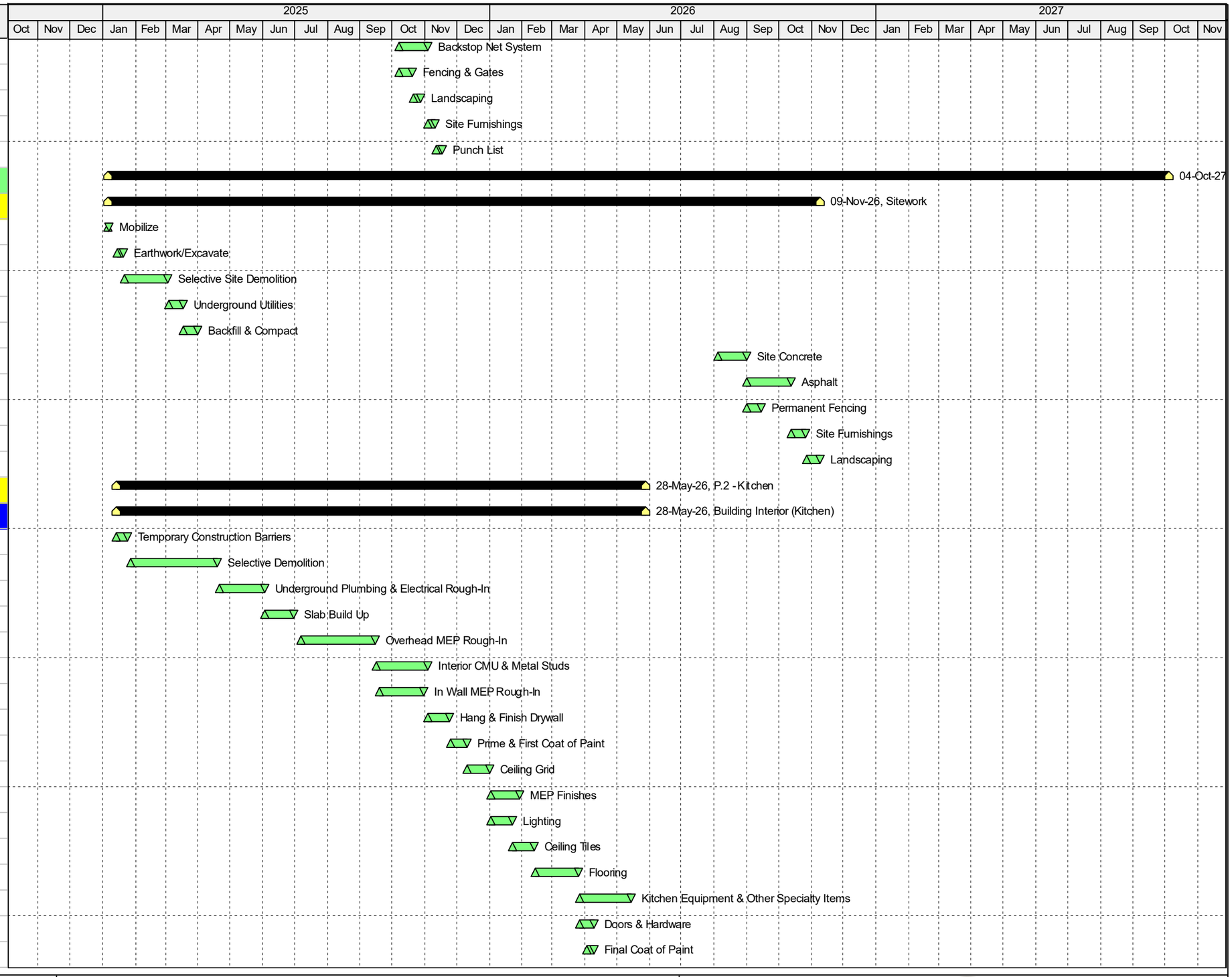
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Clark-Pleasant WCHS P2 - 221170.04

01-Oct-24 Guideline Schedule

SKILLMAN

Activity Name	Original Duration	Start	Finish
Backstop Net System	20	07-Oct-25	03-Nov-25
Fencing & Gates	10	07-Oct-25	20-Oct-25
Landscaping	5	21-Oct-25	27-Oct-25
Site Furnishings	5	04-Nov-25	10-Nov-25
Punch List	5	11-Nov-25	17-Nov-25
Building Addition	710	06-Jan-25	04-Oct-27
Sitework	475	06-Jan-25	09-Nov-26
Mobilize	1	06-Jan-25	06-Jan-25
Earthwork/Excavate	5	14-Jan-25	20-Jan-25
Selective Site Demolition	30	21-Jan-25	03-Mar-25
Underground Utilities	10	04-Mar-25	17-Mar-25
Backfill & Compact	10	18-Mar-25	31-Mar-25
Site Concrete	20	04-Aug-26	31-Aug-26
Asphalt	30	01-Sep-26	12-Oct-26
Permanent Fencing	10	01-Sep-26	14-Sep-26
Site Furnishings	10	13-Oct-26	26-Oct-26
Landscaping	10	27-Oct-26	09-Nov-26
P.2 - Kitchen	353	13-Jan-25	28-May-26
Building Interior (Kitchen)	353	13-Jan-25	28-May-26
Temporary Construction Barriers	10	13-Jan-25	24-Jan-25
Selective Demolition	60	27-Jan-25	18-Apr-25
Underground Plumbing & Electrical Rough-In	30	21-Apr-25	02-Jun-25
Slab Build Up	20	03-Jun-25	30-Jun-25
Overhead MEP Rough-In	50	07-Jul-25	15-Sep-25
Interior CMU & Metal Studs	35	16-Sep-25	03-Nov-25
In Wall MEP Rough-In	30	19-Sep-25	30-Oct-25
Hang & Finish Drywall	15	04-Nov-25	24-Nov-25
Prime & First Coat of Paint	10	25-Nov-25	10-Dec-25
Ceiling Grid	15	11-Dec-25	01-Jan-26
MEP Finishes	20	02-Jan-26	29-Jan-26
Lighting	15	02-Jan-26	22-Jan-26
Ceiling Tiles	15	23-Jan-26	12-Feb-26
Flooring	30	13-Feb-26	26-Mar-26
Kitchen Equipment & Other Specialty Items	35	27-Mar-26	14-May-26
Doors & Hardware	10	27-Mar-26	09-Apr-26
Final Coat of Paint	5	03-Apr-26	09-Apr-26



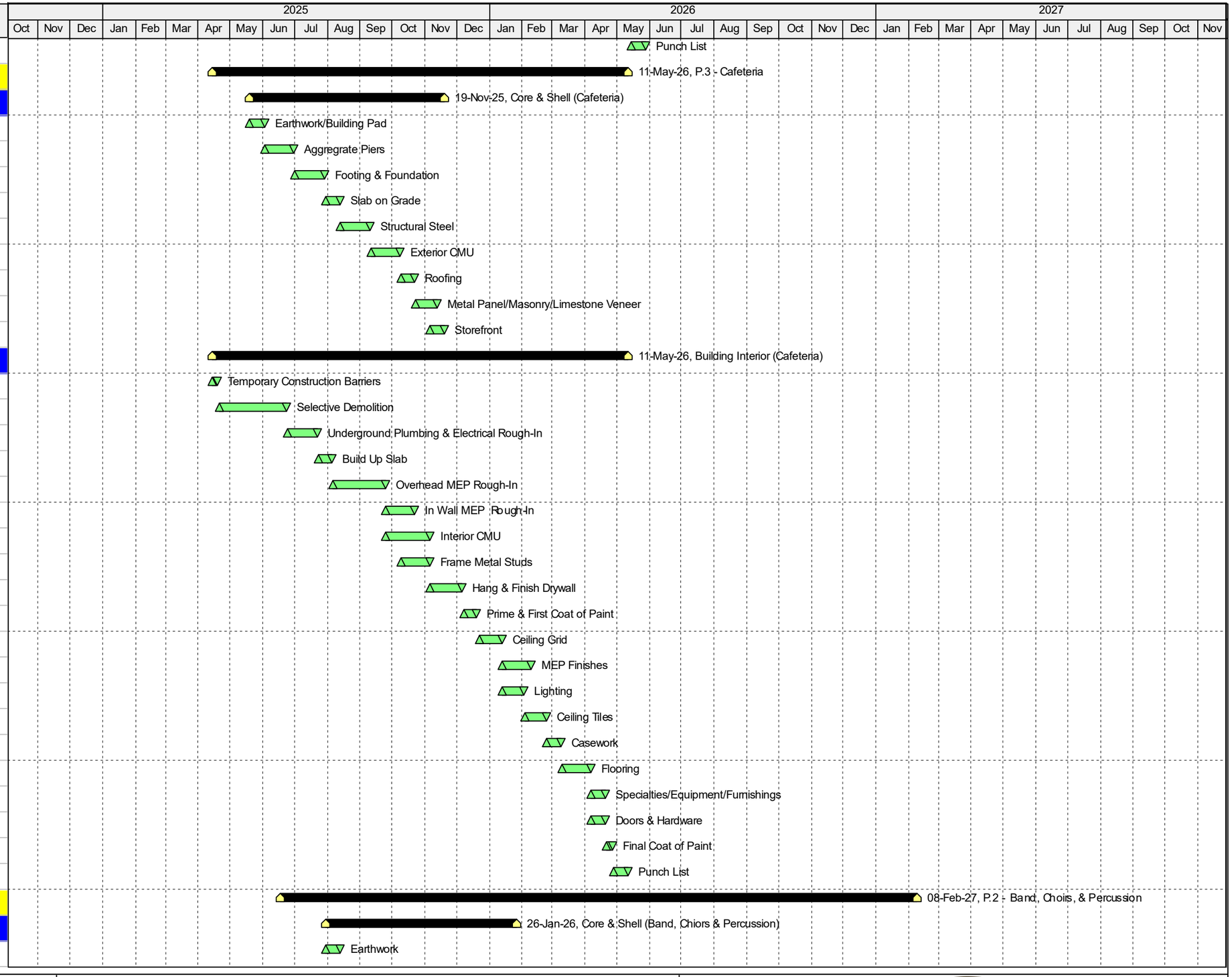
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Clark-Pleasant WCHS P2 - 221170.04

01-Oct-24 Guideline Schedule

SKILLMAN

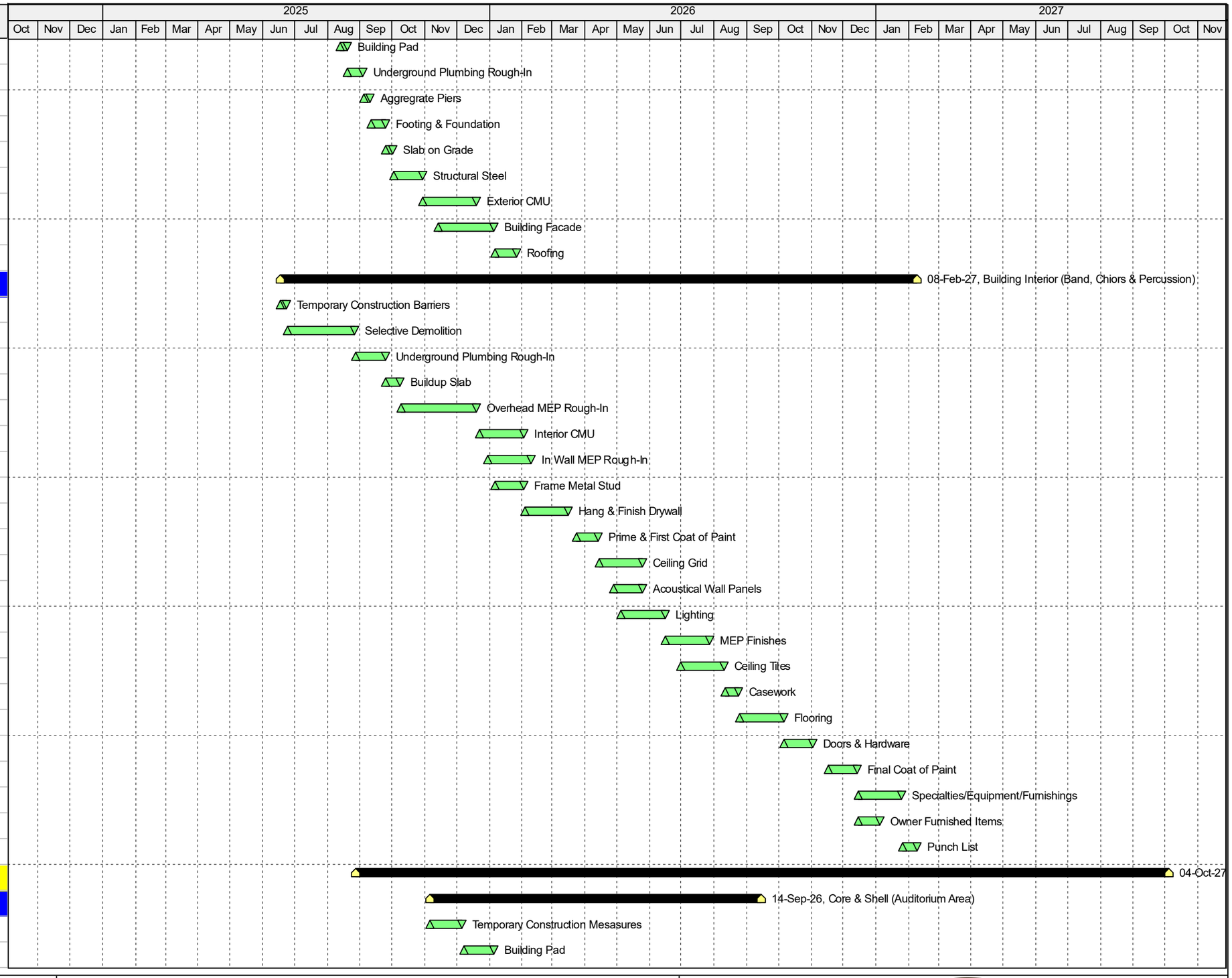
Activity Name	Original Duration	Start	Finish
Punch List	10	15-May-26	28-May-26
P.3 - Cafeteria	275	14-Apr-25	11-May-26
Core & Shell (Cafeteria)	130	19-May-25	19-Nov-25
Earthwork/Building Pad	10	19-May-25	02-Jun-25
Aggregrate Piers	20	03-Jun-25	30-Jun-25
Footing & Foundation	20	01-Jul-25	29-Jul-25
Slab on Grade	10	30-Jul-25	12-Aug-25
Structural Steel	20	13-Aug-25	10-Sep-25
Exterior CMU	20	11-Sep-25	08-Oct-25
Roofing	10	09-Oct-25	22-Oct-25
Metal Panel/Masonry/Limestone Veneer	15	23-Oct-25	12-Nov-25
Storefront	10	06-Nov-25	19-Nov-25
Building Interior (Cafeteria)	275	14-Apr-25	11-May-26
Temporary Construction Barriers	5	14-Apr-25	18-Apr-25
Selective Demolition	45	21-Apr-25	23-Jun-25
Underground Plumbing & Electrical Rough-In	20	24-Jun-25	22-Jul-25
Build Up Slab	10	23-Jul-25	05-Aug-25
Overhead MEP Rough-In	35	06-Aug-25	24-Sep-25
In Wall MEP Rough-In	20	25-Sep-25	22-Oct-25
Interior CMU	30	25-Sep-25	05-Nov-25
Frame Metal Studs	20	09-Oct-25	05-Nov-25
Hang & Finish Drywall	20	06-Nov-25	05-Dec-25
Prime & First Coat of Paint	10	08-Dec-25	19-Dec-25
Ceiling Grid	15	22-Dec-25	12-Jan-26
MEP Finishes	20	13-Jan-26	09-Feb-26
Lighting	15	13-Jan-26	02-Feb-26
Ceiling Tiles	15	03-Feb-26	23-Feb-26
Casework	10	24-Feb-26	09-Mar-26
Flooring	20	10-Mar-26	06-Apr-26
Specialties/Equipment/Furnishings	10	07-Apr-26	20-Apr-26
Doors & Hardware	10	07-Apr-26	20-Apr-26
Final Coat of Paint	5	21-Apr-26	27-Apr-26
Punch List	10	28-Apr-26	11-May-26
P.2 - Band, Choirs, & Percussion	425	17-Jun-25	08-Feb-27
Core & Shell (Band, Chiors & Perc	125	30-Jul-25	26-Jan-26
Earthwork	10	30-Jul-25	12-Aug-25



Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

SKILLMAN

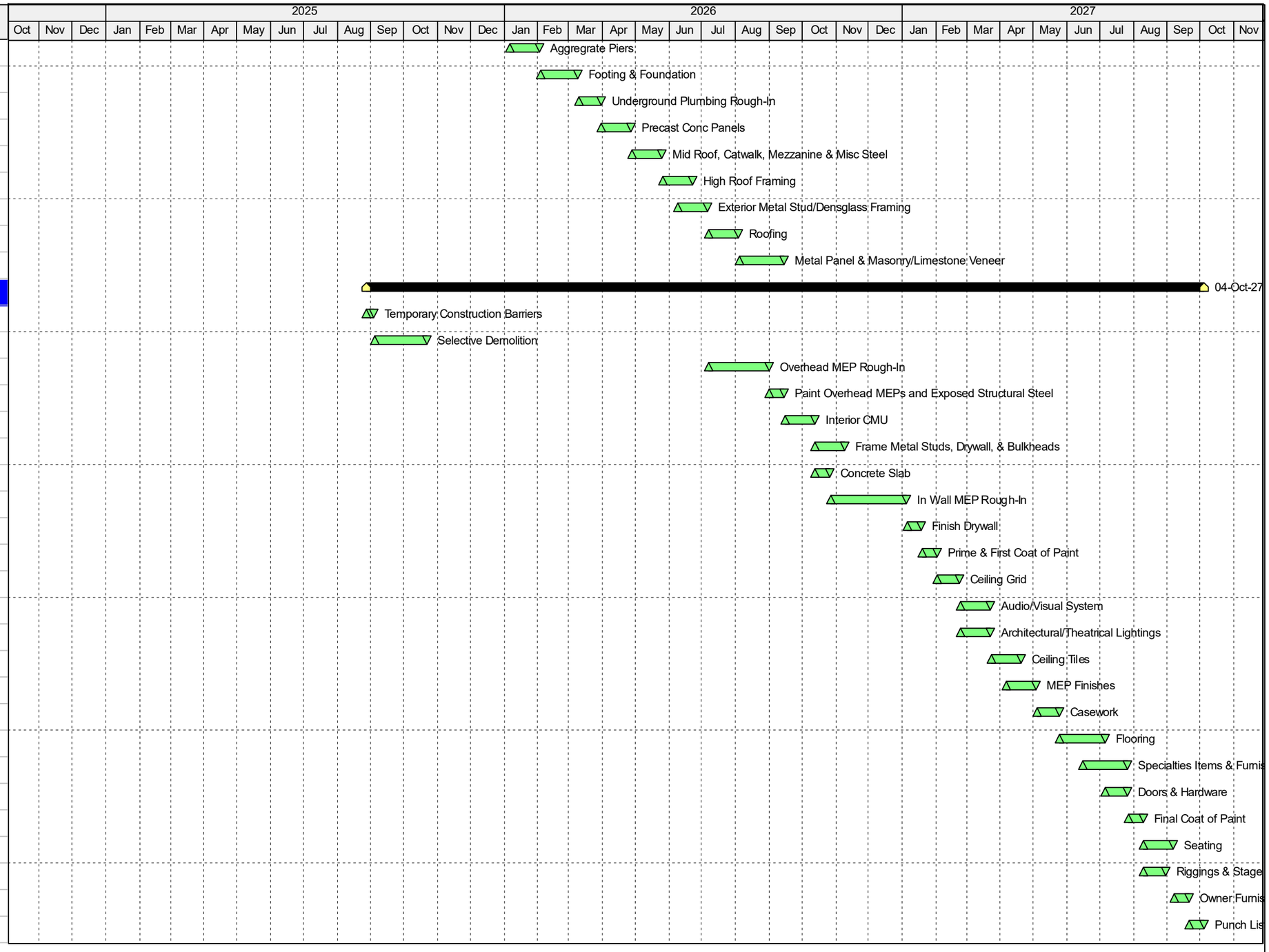
Activity Name	Original Duration	Start	Finish
Building Pad	5	13-Aug-25	19-Aug-25
Underground Plumbing Rough-In	10	20-Aug-25	03-Sep-25
Aggregrate Piers	5	04-Sep-25	10-Sep-25
Footing & Foundation	10	11-Sep-25	24-Sep-25
Slab on Grade	5	25-Sep-25	01-Oct-25
Structural Steel	20	02-Oct-25	29-Oct-25
Exterior CMU	35	30-Oct-25	19-Dec-25
Building Facade	35	13-Nov-25	05-Jan-26
Roofing	15	06-Jan-26	26-Jan-26
Building Interior (Band, Chiors & F	425	17-Jun-25	08-Feb-27
Temporary Construction Barriers	5	17-Jun-25	23-Jun-25
Selective Demolition	45	24-Jun-25	26-Aug-25
Underground Plumbing Rough-In	20	27-Aug-25	24-Sep-25
Buildup Slab	10	25-Sep-25	08-Oct-25
Overhead MEP Rough-In	50	09-Oct-25	19-Dec-25
Interior CMU	30	22-Dec-25	02-Feb-26
In Wall MEP Rough-In	30	30-Dec-25	09-Feb-26
Frame Metal Stud	20	06-Jan-26	02-Feb-26
Hang & Finish Drywall	30	03-Feb-26	16-Mar-26
Prime & First Coat of Paint	15	24-Mar-26	13-Apr-26
Ceiling Grid	30	14-Apr-26	25-May-26
Acoustical Wall Panels	20	28-Apr-26	25-May-26
Lighting	30	05-May-26	15-Jun-26
MEP Finishes	30	16-Jun-26	27-Jul-26
Ceiling Tiles	30	30-Jun-26	10-Aug-26
Casework	10	11-Aug-26	24-Aug-26
Flooring	30	25-Aug-26	05-Oct-26
Doors & Hardware	20	06-Oct-26	02-Nov-26
Final Coat of Paint	20	17-Nov-26	14-Dec-26
Specialties/Equipment/Furnishings	30	15-Dec-26	25-Jan-27
Owner Furnished Items	15	15-Dec-26	04-Jan-27
Punch List	10	26-Jan-27	08-Feb-27
P.1 & B - Auditorium Area	545	27-Aug-25	04-Oct-27
Core & Shell (Auditorium Area)	220	06-Nov-25	14-Sep-26
Temporary Construction Mesasures	20	06-Nov-25	05-Dec-25
Building Pad	20	08-Dec-25	05-Jan-26



Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

SKILLMAN

Activity Name	Original Duration	Start	Finish
Aggregrate Piers	20	06-Jan-26	02-Feb-26
Footing & Foundation	25	03-Feb-26	09-Mar-26
Underground Plumbing Rough-In	15	10-Mar-26	30-Mar-26
Precast Conc Panels	20	31-Mar-26	27-Apr-26
Mid Roof, Catwalk, Mezzanine & Misc Steel	20	28-Apr-26	25-May-26
High Roof Framing	20	26-May-26	22-Jun-26
Exterior Metal Stud/Densglass Framing	20	09-Jun-26	06-Jul-26
Roofing	20	07-Jul-26	03-Aug-26
Metal Panel & Masonry/Limestone Veneer	30	04-Aug-26	14-Sep-26
Building Interior (Auditorium Area)	545	27-Aug-25	04-Oct-27
Temporary Construction Barriers	5	27-Aug-25	03-Sep-25
Selective Demolition	35	04-Sep-25	22-Oct-25
Overhead MEP Rough-In	40	07-Jul-26	31-Aug-26
Paint Overhead MEPs and Exposed Structural Steel	10	01-Sep-26	14-Sep-26
Interior CMU	20	15-Sep-26	12-Oct-26
Frame Metal Studs, Drywall, & Bulkheads	20	13-Oct-26	09-Nov-26
Concrete Slab	10	13-Oct-26	26-Oct-26
In Wall MEP Rough-In	50	27-Oct-26	04-Jan-27
Finish Drywall	10	05-Jan-27	18-Jan-27
Prime & First Coat of Paint	10	19-Jan-27	01-Feb-27
Ceiling Grid	15	02-Feb-27	22-Feb-27
Audio/Visual System	20	23-Feb-27	22-Mar-27
Architectural/Theatrical Lightings	20	23-Feb-27	22-Mar-27
Ceiling Tiles	20	23-Mar-27	19-Apr-27
MEP Finishes	20	06-Apr-27	03-May-27
Casework	15	04-May-27	24-May-27
Flooring	30	25-May-27	05-Jul-27
Specialties Items & Furnishings	30	15-Jun-27	26-Jul-27
Doors & Hardware	15	06-Jul-27	26-Jul-27
Final Coat of Paint	10	27-Jul-27	09-Aug-27
Seating	20	10-Aug-27	06-Sep-27
Riggings & Stage Curtains	15	10-Aug-27	30-Aug-27
Owner Furnished Items	10	07-Sep-27	20-Sep-27
Punch List	10	21-Sep-27	04-Oct-27



Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Clark-Pleasant WCHS P2 - 221170.04
01-Oct-24 Guideline Schedule

SKILLMAN

CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013)
(Amended for CPCSC)

Whiteland Community High School Phase 2B: Café Kitchen Band Choir Auditorium

Clark Pleasant Community School Corporation

Johnson County

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, ***Whiteland High School Phase 2B: Café Kitchen Band Choir Auditorium***, in accordance with Plans and Specifications prepared by ***Lancer Associates Architecture, 427 S. Collage Ave, Suite 103 Indianapolis, IN 46203***, as follows:

BASE BID

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.

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 – LED WALL: Contractor to provide an add cost for a structurally flown LED Video Board sized roughly 35.5' W x 15.74' H with a maximum pixel pitch of 6.25mm. LED Video Board to support picture-in-picture functionality. Cost to include all additional LED controllers, video wall processors, racks, power supplies, electrical circuiting, rigging line sets, structural reinforcement, etc. for a fully functional system. Base Bid: No LED video board.

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 2 – ALTERNATE TR-01: Provide an alternate cost to upgrade the (5) stage Electric linesets from manual to motorized operation as specified herein. The capacity of these (5) linesets shall remain 2000# in both the base bid and the alternate. Base bid includes (30) manual counterweight linesets.

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 3 – ALTERNATE TR-02: Provide an alternate cost to upgrade the (3) video wall linesets from 1600# capacity to 5000# capacity and from manual to motorized operation as specified herein. Base bid includes (30) manual counterweight linesets.

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 4 – SOCCER NETTING: Provide netting as shown on drawings. Base bid: provide no netting at the soccer field. Alternate:

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 5 – Distech with Niagara 4, installed by Jackson Systems and Supply. Base Bid: Controls by Owner.

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 6 – Johnson Controls Metasys with Niagara 4, installed by local factory authorized branch. Base Bid: Controls by Owner.

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 7 – Alerton Controls with Niagara 4, installed by Open Control Systems. Base Bid: Controls by Owner.

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

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?

_____

_____

_____

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

_____

_____

_____

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.)

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.

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.

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.

_____

_____

_____

_____

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.

_____

_____

_____

_____

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.

SECTION V OATH AND AFFIRMATION

I HEREBY AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE FACTS AND INFORMATION CONTAINED IN THE FOREGOING BID FOR PUBLIC WORKS ARE TRUE AND CORRECT

Dated at _____this _____ day of _____, 20

_____
(Name of Organization)

By

_____

_____
(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF _____)
) SS:
COUNTY OF _____)

Before me, a Notary Public, personally appeared the above-named

_____

Swore that the statements contained in the foregoing document are true and correct.

Subscribed and sworn to before me this _____ day of _____,

_____
(Title)

_____
Notary Public

My Commission Expires: _____

County of Residence: _____

END OF SECTION 00 31 00

LANCER ASSOCIATES ARCHITECTURE

ADDENDUM NO. ONE

PROJECT: CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
PHASE 2

PROJECT NUMBER: 22130

DATE OF ADDENDUM: September 30, 2024

THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND IS ISSUED IN ACCORDANCE WITH THE INSTRUCTIONS TO BIDDERS. ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNING THE ADDDENDUM ACKNOWLEDGMENT SECTION OF THE BID FORM.

QUESTIONS

SPECIFICATIONS

1. Add Spec Section 05 55 10 – Steel Gates to the index
2. Add Spec Section 05 55 10 – Steel Gates to Volume 2 of specifications in its entirety. See attached.

DRAWINGS REVISIONS:

1. Title Sheet (sheet 100):

- Revised to include standard Johnson Co. Legal Drain Notes and Floodplain Base Flood Elevation (BFE) note.

2. Site Dimension Plan (sheet 301):
- Revised to include signage for 2 existing fire department connections (FDCs).

3. Site Dimension Plan (sheet 302):
- Revised to include signage for 1 proposed fire department connection (FDC).
- Revised to denote signage for ADA parking spaces.

4. Site Dimension Plan (sheet 303):
- Revised location of sidewalk into cafeteria addition based on architectural floor plan.

5. Utility Plan (sheet 401):
- Revised to include signage for 2 existing fire department connections (FDCs).

6. Utility Plan (sheet 402):
- Revised to include signage for 1 proposed fire department connection (FDC).

7. Utility Plan (sheet 403):
- Increased pipe diameter from 6" to 8" schedule 40 PVC pipe for Str. No. 144 and 145 and flattened pipe slopes.

8. Grading Plan (sheet 503):
- Revised grading of sidewalk into cafeteria addition based on architectural floor plan.

9. Storm Plan & Profile (sheet 800)
- Revised profile "STM-B" to include pipe length, diameter, and slope label.

10. Storm Plan & Profile (sheet 801)
- Revised profile "STM-K" to show increased pipe diameter from 6" to 8" schedule 40 PVC pipe for Str. No. 144 and 145 and flattened pipe slopes.

11. Overall Erosion Control Plan (sheet 900):
- Added note #6 to Erosion Control Notes regarding street sweeping.

12. Erosion Control Plan (sheets 901, 902, and 904)
- Added note #6 to Erosion Control Notes regarding street sweeping.

13. Erosion Control Plan (sheet 903)
- Added note #6 to Erosion Control Notes regarding street sweeping.
- Revised to show approximate location of 30-40 yard construction dumpster required at north temporary construction entrance.

14. Miscellaneous Details (sheet 1000):
- Revised to include detail for fire department connection (FDC) signs.

LANCER ASSOCIATES ARCHITECTURE

15. Curb Ramp Details (sheet 1003):
- Revised curb ramp details 'A', 'D', and 'F' to correctly show grade breaks and integral concrete return curb.

16. Sheet S002 – STRUCTURAL NOTES
- Shifted plan symbols to be readable and align with the corresponding text

17. Sheet S611 – FRAMING SECTIONS
- Detail 11 – Adjusted graphics of section to better illustrate design intent

18. Sheet S612 – FRAMING SECTIONS
- Detail 4 – Adjusted stiffened seat detail
- Detail 7 – Adjusted graphics of section to better illustrate design intent

19. Sheet AD101A – DEMOLITION PLAN – FIRST FLOOR – UNIT A
- Changed notes about floor demolition

20. Sheet AD101C – DEMOLITION PLAN – FIRST FLOOR – UNIT C
- Changed notes about floor demolition

21. Sheet 111 – ENLARGED PLANS
- Changed note # 7 to "TYPICAL TOILET"

22. Sheet A201 – ELEVATIONS
- Added text to show the extent of signage
- Changed note 25 to say "STEEL FULL PRIVACY GATE"

23. Sheet A202 – ELEVATIONS
- Changed note 25 to say "STEEL FULL PRIVACY GATE"

24. Drawing Sheet E702
- Lighting Fixture Schedule: Added and updated manufacturers to schedule. Refer to supplemental Information drawing Sheet E702 for additional information Detail 7 – Adjusted graphics of section to better illustrate design intent

25. Sheet T310 – AUDIO VISUAL DIAGRAMS
- Updated the connection to the tabletop touch panel in the "Auditorium AV System Diagram" to one RJ45 connector terminated in the audio mixing location from the AV network.

26. Sheet T401 – TECHNOLOGY DETAILS
- Added one tabletop touch panel RJ45 connector to the audio mixing location detail.

27. Sheet T402 – TECHNOLOGY DETAILS
- Updated the mounting configuration in the ceiling mounted projector location detail. Removed the lay-in ceiling plate configuration.

28. Sheet T403 – TECHNOLOGY DETAILS
- Added new catwalk mounting detail for projectors detailing the mounting configuration and infrastructure requirements.

Soccer Complex

1. Utility and Grading Plan (sheet 300):
- Added proposed contours at SE corner of turf field for 3:1 tie-in to existing grade.
- Added existing rim and invert information to the existing structures that the header rows will connect to.
- Removed unused items from proposed legend and added field underdrains to legend.

2. Stormwater Pollution Prevention Plan (sheet 401):
- Updated SWPPP verbiage for project specific items.

Attachments:
Specification: 05 55 10
Drawing : 100, 301, 302, 303, 401, 402, 403, 503, 800, 801, 900, 901, 902, 903, 904, 1000, 1003, S002, S611, S612, AD101A, AD101C, A201, E702, T310, T401, T402, T403
Drawing Soccer Complex : 300, 401

LANCER ASSOCIATES ARCHITECTURE

End of Addendum 1

145 N East Street, Indianapolis, IN 46204

SECTION 05 5510 – STEEL GATES

PART 1 - GENERAL

1.01 DESCRIPTION

A. This Section includes the following:

1. Steel gates for trash enclosures.

1.02 SUBMITTALS

A. Product Data: For the following:

1. Steel gates.

B. Shop Drawings: Show fabrication and installation of aluminum gates. Include plans, elevations, sections, component details, and attachments to other Work.

C. Samples for Initial Selection: Manufacturer's color charts showing the full range of colors available for products with factory-applied color finishes.

D. Samples for Initial Selection: Short sections of railing or flat, sheet metal samples showing available mechanical finishes.

E. Samples for Verification: For each type of exposed finish required, prepared on components indicated below and of same thickness and metal indicated for the Work. If finishes involve normal color and texture variations, include sample sets showing the full range of variations expected.

1. ±6 inch long sections.

1.03 COORDINATION

A. Coordinate installation of anchorages for gates. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors, that are to be embedded in concrete or masonry.

PART 2 - PRODUCTS

2.01 GATES

A. Acceptable Manufacturers/Product:

1. Basteel; Windsor.

B. Gate Frame: 2x4x14 gauge rectangular tube. G90 galvanized and factory finished.
C. Fence Pickets: 5 inch wide liquid color coated in color as selected by the Architect.
D. Provide slide bolt lock.

PART 3 - EXECUTION

3.01 INSTALLATION, GENERAL

A. Follow Manufacturers instructions.

B. Adjust gates for smooth operation.

C. Fastening to In-Place Construction: Use anchorage devices and fasteners where necessary for securing gates and for properly transferring loads to in- place construction.

3.02 CLEANING

A. Clean by washing thoroughly with clean water and soap and rinsing with clean water.

B. Touchup Painting: Immediately after erection, clean field welds, bolted connections, and abraded areas of shop paint, and paint exposed areas with same material.

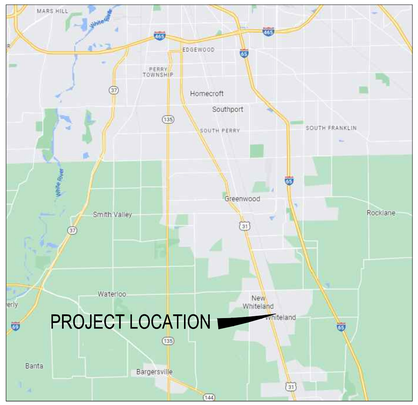
3.03 PROTECTION

A. Protect finishes of gates from damage during construction period with temporary protective coverings.

END OF SECTION 05 5510

FINAL CONSTRUCTION PLANS

WHITELAND COMMUNITY HIGH SCHOOL
PHASE 2
300 E. MAIN STREET
WHITELAND, INDIANA



VICINITY MAP
NO SCALE

LOCATION MAP
NO SCALE

PLAN INDEX	
SHEET #	SUBJECT
100	TITLE SHEET
200	OVERALL TOPOGRAPHICAL SURVEY
201–206	TOPOGRAPHICAL SURVEY
207	OVERALL DEMOLITION PLAN
208–211	DEMOLITION PLAN
300A	OVERALL SITE LAYOUT
300–303	SITE DIMENSION PLAN
400–403	UTILITY PLAN
500–503	GRADING PLAN
504	GRADING DETAIL PLAN
600	EMERGENCY FLOOD ROUTE
700	SANITARY PLAN AND PROFILES
800–802	STORM PLAN AND PROFILE
900	OVERALL EROSION CONTROL PLAN
901–904	EROSION CONTROL PLAN
905	STORMWATER POLLUTION PREVENTION PLAN
1000–1002	MISCELLANEOUS DETAILS
1003	CURB RAMP DETAILS

JOHNSON CO. LEGAL DRAIN NOTES

- NO STRUCTURES, OR IMPROVEMENTS SHALL BE PERMITTED WITHIN THE LEGAL DRAIN EASEMENT. ALL UTILITIES, BUILDINGS, STRUCTURES, PLANTINGS, CROPS, TREES, SHRUBS, AND WOODY VEGETATION GROWN WITHIN THE EASEMENT, OR ALONG THE LEGAL DRAIN ARE AT THE RISK OF OWNER AND SUBJECT TO REMOVAL WITH MINIMAL NOTICE, WITHOUT RESTITUTION, AND SUBJECT TO SPECIAL ASSESSMENT (IC 36-9-27-33).
- THIS SITE PLOTS BY SCALE AS BEING WITHIN A REGULATED WATERSHED. ANY AND ALL SITE IMPROVEMENTS WITHIN A REGULATED WATERSHED ARE SUBJECT TO REVIEW BY THE JOHNSON COUNTY DRAINAGE BOARD. ALL TRACTS WITHIN A REGULATED DRAIN WATERSHED ARE SUBJECT TO ASSESSMENTS FOR MAINTENANCE (IC 36-9- 27-44), AND WHEN PRACTICABLE, RECONSTRUCTION (IC 36-9-27-51).
- NO CONSTRUCTION, OR IMPROVEMENTS SHALL IMPAIR OR NEGATIVELY IMPACT ANY PRIVATE DRAIN TILE (IC 36-9-27-2) KNOWN OR UNKNOWN. NO CONSTRUCTION, OR IMPROVEMENTS SHALL IMPAIR, IMPEDE, OR NEGATIVELY IMPACT, A NATURAL SURFACE WATERCOURSE (IC 36-9-27.4-3). WHEN ENCOUNTERED SAID TILE OR WATERCOURSE WILL BE DESIGNED, AND RE-ROUTED SO NOT TO IMPEDE, IMPAIR, OR NEGATIVELY IMPACT SURFACE OR SUBSURFACE WATER FLOW.
- PRIVATE TILES, AND MUTUAL DRAIN CONNECTIONS TO REGULATED DRAIN (IC 36-27-9-17). ALL CONNECTIONS, OR OUT-LETS INTO A REGULATED DRAIN ARE SUBJECT TO APPROVAL BY THE COUNTY SURVEYOR (≤ 10"), OR THE JOHNSON COUNTY DRAINAGE BOARD (≥ 11"). APPLICATIONS ARE AVAILABLE IN THE COUNTY SURVEYOR'S OFFICE AND SHOULD INCLUDE ALL MAPS, PLANS, SPECIFICATIONS, BONDING, EASEMENT VERBIAGE, APPLICATION FEES AND OWNERS STATEMENT OF WATER QUALITY (IC 36-27-9-23), PRIOR TO APPROVAL.

FLOODPLAIN BFE NOTE

THE BASE FLOOD ELEVATION (BFE) SHOWN FROM THE FEMA FLOOD MAPS FOR THIS SITE ARE FOR REFERENCE ONLY AND MAY NOT PRESENT THE TRUE EXTENTS OF THE FLOODPLAIN RELATIVE TO THE ACTUAL ONSITE TOPOGRAPHY.

OWNER

CLARK-PLEASANT COMMUNITY
SCHOOL CORPORATION
50 CENTER STREET
WHITELAND, IN 46184
PHONE: (317) 535-3277
CONTACT: SAM ARNES
EMAIL: sarnes@cpcsc.k12.in.us

ENGINEER

CROSSROAD ENGINEERS, PC
115 N. 17TH AVENUE
BEECH GROVE, IN 46107
PHONE: (317) 780-1555
CONTACT: GREGORY J. ILKO
EMAIL: gilko@crossroadengineers.com

DIRECTORY PATH : R:\Active\Lance+Blake\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 100 TITLE SHEET PH 2B.dwg
DATE/USER : 9/30/2024 9:14 AM / JDfgp

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th Avenue, Beech Grove, IN 46107 (317) 780-1555

SHEET 100

TITLE SHEET

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	.	DRAWN	KLF	CHECKED	TEN	APPR.	GJI
DATE	AUGUST 30, 2024	DESIGNED	DMS				

GREGORY J. ILKO
REGISTERED
NO. 10300059
STATE OF INDIANA
PROFESSIONAL ENGINEER

NO.	DATE	REVISIONS	BY	APPR.
1	09.24.24	REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS	DMS	GJI
2				
3				
4				
5				
6				
7				
8				
9				

SITE DIMENSION LEGEND

- (A) LANDSCAPE AREAS (SEE CONTEXT PLANS)
- (B) STRUCTURE FOUNDATION – PER BUILDING PLANS
- (C) STRAIGHT CONCRETE CURB (SEE DETAIL–SHEET 1000)
- (C1) SLOPED CONCRETE CURB (SEE DETAIL–SHEET 1000)
- (C2) CONCRETE CURB AND GUTTER (SEE DETAIL–SHEET 1000)
- (C0) INTEGRAL CURB AND WALK (SEE CONTEXT PLANS)
- (P01) CONCRETE, STANDARD (SEE CONTEXT PLANS)
- (F1) STRAIGHT CURB RAMP (SEE DETAIL–SHEET 1000)
- (F2) DOUBLE FLARE CURB RAMP (SEE DETAIL–SHEET 1000)
- (F3) PARALLEL CURB RAMP (SEE DETAIL–SHEET 1000)
- (F4) DEPRESSED CORNER CURB RAMP (SEE DETAIL–SHEET 1000)
- (J) SAWCUT
- (G) TYPICAL HEAVY DUTY CONCRETE SECTION
  8" CONCRETE PAVEMENT, ON
  6" COMPACTED AGGREGATE #53 BASE, ON
  COMPACTED SUBGRADE (SEE DETAIL–SHEET 1000)
- (G1) TYPICAL HEAVY DUTY REINFORCED CONCRETE SECTION
  8" CONCRETE PAVEMENT WITH #4 REBAR, ON
  6" COMPACTED AGGREGATE #53 BASE, ON
  COMPACTED GRANULAR BACKFILL (SEE DETAIL–SHEET 1000)
- (K) TYPICAL LIGHT DUTY ASPHALT SECTION
  1.5" HMA SURFACE 9.5mm, ON
  3" HMA INTERMEDIATE 19.0mm, ON
  6" COMPACTED AGGREGATE #53, ON
  COMPACTED SUBGRADE (SEE DETAIL–SHEET 1000)
- (K1) TYPICAL LIGHT DUTY ASPHALT SECTION OVER DETENTION
  1.5" HMA SURFACE 9.5mm, ON
  3" HMA INTERMEDIATE 19.0mm, ON
  VARIABLE DEPTH COMPACTED AGGREGATE #53, ON
  GEOTEXTILE FABRIC OVER UNDERGROUND DETENTION
  (SEE DETAIL–SHEET 1000)
- (K2) TYPICAL HEAVY DUTY ASPHALT SECTION
  1.5" HMA SURFACE 9.5mm, ON
  4" HMA INTERMEDIATE 19.0mm, ON
  8" COMPACTED AGGREGATE #53, ON
  COMPACTED SUBGRADE (SEE DETAIL–SHEET 1000)
- (K3) TYPICAL HEAVY DUTY ASPHALT SECTION OVER DETENTION
  1.5" HMA SURFACE 9.5mm, ON
  4" HMA INTERMEDIATE 19.0mm, ON
  VARIABLE DEPTH COMPACTED AGGREGATE #53, ON
  GEOTEXTILE FABRIC OVER UNDERGROUND DETENTION
  (SEE DETAIL–SHEET 1000)
- (L) CONCRETE WHEEL STOP (SEE DETAIL–SHEET 1000)
- (O) BOLLARD (SEE CONTEXT PLANS)
- (P) TYPICAL ASPHALT PATH SECTION
  1" HMA SURFACE 9.5mm, ON
  2" HMA INTERMEDIATE 19.0mm, ON
  6" COMPACTED AGGREGATE #53, ON
  COMPACTED SUBGRADE (SEE DETAIL – SHEET 1000)
- (R) TYPICAL ASPHALT WEDGE & LEVEL SECTION
  1.5" HMA SURFACE 9.5mm, ON
  VARIABLE DEPTH HMA INTERMEDIATE 19.0mm WEDGE, ON
  EXISTING ASPHALT MILLED 1" (SEE DETAIL–SHEET 1000)
- (S) CONCRETE STEPS AND HANDRAILS (SEE CONTEXT PLANS)
- (W) RETAINING/SEAT WALL (SEE CONTEXT PLANS)
- (X) PERMANENT FENCING (SEE CONTEXT PLANS)
- (X01) PERMANENT CONSTRUCTION FENCE WITH SCREENING ON DRIVEN POSTS
- (X02) TEMPORARY CONSTRUCTION FENCE ON STANDS WITH SAND BAGS
- (1) LINE, PAINTED, SOLID WHITE, 4"
- (2) LINE, PAINTED, SOLID BLUE, 4"
- (3) A.D.A. SYMBOL, PAINTED, SOLID BLUE, 4" (SEE DETAIL–SHEET 1000)
- (4) SIGNAGE (SEE DETAIL–SHEET 1000)
- (5) CROSSWALK, PAINTED, SOLID WHITE, 24"

PROPOSED LEGEND

- PROPERTY LINE / SECTION LINE
- PERMANENT FENCE
- DITCH LINE
- SANITARY SEWER WITH MANHOLE
- SANITARY SEWER LATERAL WITH CLEANOUT
- STORM SEWER W/MANHOLE & END SECTION
- ELECTRIC LINE
- TELECOMM CONDUIT
- FIRE SUPPRESSION/WATER LINE
- GAS SERVICE LINE
- STORM MANHOLES
- STORM INLETS
- STORM CURB INLETS
- AQUA–SWIRL UNITS
- SIGN
- WATER FITTING BENDS
- TAPPING SLEEVE
- WATER VALVE
- FIRE HYDRANT ASSEMBLIES
- FIRE DEPARTMENT CONNECTION
- PERMANENT CONSTRUCTION FENCE WITH SCREENING ON DRIVEN POSTS
- TEMPORARY CONSTRUCTION FENCE ON STANDS WITH SAND BAGS

NORTH

30 0 30 60

SCALE: 1" = 30'

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

SITE DIMENSION NOTES

1. ALL NEW SIGNAGE AND PARKING LOT LIGHTS SHALL MATCH WHITELAND COMMUNITY HIGH SCHOOLS' EXISTING SIGNAGE AND LIGHTING. CONTRACTOR SHALL COORDINATE WITH OWNER, LANDSCAPE ARCHITECT (CONTEXT DESIGN), AND MEP DESIGNER FOR LIGHT STYLES AND LAYOUT.
2. CONTRACTOR SHALL NOTIFY ENGINEER, IF PROOF ROLL OF SUBGRADE FAILS, TO DETERMINE IF LIME STABILIZATION OF SUBGRADE IS NECESSARY.
3. ALL RADII DIMENSIONS ARE TO THE FACE OF PROPOSED CURB.
4. SIGNAGE SHALL INCLUDE ALL NECESSARY HARDWARE AND FITTINGS, INCLUDING 10 FT. OF 11 GAUGE FLANGED CHANNEL SIGN POST.
5. REFER TO LANDSCAPE AND ARCHITECTURAL PLANS FOR ADDITIONAL SIGNAGE. VERIFY CONFLICTS WITH OWNER, ARCHITECT, AND LANDSCAPE ARCHITECT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLAGMAN, BARRELS, SIGNAGE, ETC. DURING CONSTRUCTION. ALL APPLICABLE M.U.T.C.D. STANDARDS SHALL GOVERN THIS WORK.
7. LANDSCAPING PLAN TO BE PROVIDED BY CONTEXT DESIGN. CONTRACTOR SHALL COORDINATE WITH OWNER AND CONTEXT FOR SPECIFICATIONS.
8. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERGROUND STORMWATER DETENTION CHAMBERS DURING THE ENTIRE DURATION OF THE PROJECT. CONTRACTOR SHALL COORDINATE WITH ADVANCED DRAINAGE SOLUTIONS, INC. (ADS) TO DETERMINE THE MINIMUM COVER REQUIRED OVER THE EXISTING CHAMBERS DURING CONSTRUCTION, AS WELL AS, THE APPROPRIATE EQUIPMENT AND OPERATIONS TO PROTECT THE CHAMBERS.
9. EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.
10. CONTRACTOR SHALL REFER TO THE MATERIALS PLAN PREPARED BY CONTEXT DESIGN FOR THE MATERIALS, FINISHES, LAYOUTS, JOINT PATTERNS, DIMENSIONS, DETAILS, AND SECTIONS AT THE PEDESTRIAN ENTRANCE PLAZAS PRIOR TO CONSTRUCTION. REPORT ANY DIMENSIONAL OR LAYOUT DISCREPANCIES BETWEEN CONTEXT PLANS AND SITE DIMENSION PLANS (SHEETS 300–303) TO THE ENGINEER AND ARCHITECT IMMEDIATELY.
11. CONTRACTOR SHALL CONFIRM CONSTRUCTION FENCE TYPE (TEMPORARY OR PERMANENT), LAYOUT, MATERIALS, AND GATE LOCATIONS WITH THE SKILLMAN CORPORATION AND OWNER PRIOR TO CONSTRUCTION. CONSTRUCTION FENCE SHALL BE INSTALLED SUCH THAT EXISTING IMPROVEMENTS TO REMAIN IN PLACE ARE NOT DAMAGED BY FENCE INSTALLATION OR REMOVAL.

INSTALL POLE VAULT PITS, EQUIPMENT, AND TRACK PAVEMENT PER PLANS PREPARED BY CONTEXT DESIGN

INSTALL LONG JUMP PITS, EQUIPMENT, AND TRACK PAVEMENT PER PLANS PREPARED BY CONTEXT DESIGN

~existing bleachers~

~existing football locker room~

~artificial turf field~

INSTALL NEW GATE FOR FOOTBALL FIELD ACCESS PER PLANS PREPARED BY CONTEXT DESIGN

CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING TRACK PAVEMENT AND ARTIFICIAL FOOTBALL FIELD TURF

CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING MASONRY COLUMN

CONTRACTOR SHALL COORDINATE WITH TOWN OF BARGERSVILLE, JOHNSON CO. REMC, JC FIBER, METRONET, BRIGHTSPEED, AND COMCAST FOR RELOCATION OF POWER POLES AND AERIAL ELECTRIC AND TELECOMMUNICATION UTILITIES

CONTRACTOR SHALL COORDINATE WITH TOWN OF BARGERSVILLE, JOHNSON CO. REMC, JC FIBER, METRONET, BRIGHTSPEED, AND COMCAST FOR RELOCATION OF POWER POLES AND AERIAL ELECTRIC AND TELECOMMUNICATION UTILITIES

~ ex. bleachers ~

INSTALL 280 LFT OF TEMPORARY CONSTRUCTION FENCE

BUTT JOINT

FUTURE (PHASE 3) STUDENT ACTIVITY CENTER ADDITION

~existing building~

FDC

FDC

INSTALL HANDRAIL PER CONTEXT DESIGN PLANS

FULL DEPTH SAWCUT AT BACK OF CURB (EXISTING CONCRETE CURB TO REMAIN)

~existing high school~

~existing high school~

MATCHLINE - SEE SHEET 302

DIRECTORY PATH : R:\Active\Larsen Bechtel\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 30\ SITE DIMENSION PLAN PH 2B.dwg
DATE/USER : 9/30/2024 9:14 AM / KKng

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th AVE, BEECH GROVE, IN 46107 (317) 780-1555

SHEET 301

SITE DIMENSION PLAN

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	.	DRAWN	KLF	CHECKED	TEN	APPR.	GJI
DATE	AUGUST 30, 2024	DESIGNED	DMS	BY	DMS	APPR.	GJI

REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS

NO.	DATE
1	09.24.24
2	
3	
4	
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7	
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9	

REGISTERED ENGINEER DEREK M. SNYDER NO. 11200008 STATE OF INDIANA PROFESSIONAL

SHEET 301

SITE DIMENSION LEGEND

- (A) LANDSCAPE AREAS (SEE CONTEXT PLANS)
- (B) STRUCTURE FOUNDATION – PER BUILDING PLANS
- (C) STRAIGHT CONCRETE CURB (SEE DETAIL–SHEET 1000)
- (C1) SLOPED CONCRETE CURB (SEE DETAIL–SHEET 1000)
- (C2) CONCRETE CURB AND GUTTER (SEE DETAIL–SHEET 1000)
- (C0) INTEGRAL CURB AND WALK (SEE CONTEXT PLANS)
- (P01) CONCRETE, STANDARD (SEE CONTEXT PLANS)
- (F1) STRAIGHT CURB RAMP (SEE DETAIL–SHEET 1000)
- (F2) DOUBLE FLARE CURB RAMP (SEE DETAIL–SHEET 1000)
- (F3) PARALLEL CURB RAMP (SEE DETAIL–SHEET 1000)
- (F4) DEPRESSED CORNER CURB RAMP (SEE DETAIL–SHEET 1000)
- (J) SAWCUT
- (G) TYPICAL HEAVY DUTY CONCRETE SECTION
  8" CONCRETE PAVEMENT, ON
  6" COMPACTED AGGREGATE #53 BASE, ON
  COMPACTED SUBGRADE (SEE DETAIL–SHEET 1000)
- (G1) TYPICAL HEAVY DUTY REINFORCED CONCRETE SECTION
  8" CONCRETE PAVEMENT WITH #4 REBAR, ON
  6" COMPACTED AGGREGATE #53 BASE, ON
  COMPACTED GRANULAR BACKFILL (SEE DETAIL–SHEET 1000)
- (K) TYPICAL LIGHT DUTY ASPHALT SECTION
  1.5" HMA SURFACE 9.5mm, ON
  3" HMA INTERMEDIATE 19.0mm, ON
  6" COMPACTED AGGREGATE #53, ON
  COMPACTED SUBGRADE (SEE DETAIL–SHEET 1000)
- (K1) TYPICAL LIGHT DUTY ASPHALT SECTION OVER DETENTION
  1.5" HMA SURFACE 9.5mm, ON
  3" HMA INTERMEDIATE 19.0mm, ON
  VARIABLE DEPTH COMPACTED AGGREGATE #53, ON
  GEOTEXTILE FABRIC OVER UNDERGROUND DETENTION
  (SEE DETAIL–SHEET 1000)
- (K2) TYPICAL HEAVY DUTY ASPHALT SECTION
  1.5" HMA SURFACE 9.5mm, ON
  4" HMA INTERMEDIATE 19.0mm, ON
  8" COMPACTED AGGREGATE #53, ON
  COMPACTED SUBGRADE (SEE DETAIL–SHEET 1000)
- (K3) TYPICAL HEAVY DUTY ASPHALT SECTION OVER DETENTION
  1.5" HMA SURFACE 9.5mm, ON
  4" HMA INTERMEDIATE 19.0mm, ON
  VARIABLE DEPTH COMPACTED AGGREGATE #53, ON
  GEOTEXTILE FABRIC OVER UNDERGROUND DETENTION
  (SEE DETAIL–SHEET 1000)
- (L) CONCRETE WHEEL STOP (SEE DETAIL–SHEET 1000)
- (O) BOLLARD (SEE CONTEXT PLANS)
- (P) TYPICAL ASPHALT PATH SECTION
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- (R) TYPICAL ASPHALT WEDGE & LEVEL SECTION
  1.5" HMA SURFACE 9.5mm, ON
  VARIABLE DEPTH HMA INTERMEDIATE 19.0mm WEDGE, ON
  EXISTING ASPHALT MILLED 1"" (SEE DETAIL–SHEET 1000)
- (S) CONCRETE STEPS AND HANDRAILS (SEE CONTEXT PLANS)
- (W) RETAINING/SEAT WALL (SEE CONTEXT PLANS)
- (X) PERMANENT FENCING (SEE CONTEXT PLANS)
- (X01) PERMANENT CONSTRUCTION FENCE WITH SCREENING ON DRIVEN POSTS
- (X02) TEMPORARY CONSTRUCTION FENCE ON STANDS WITH SAND BAGS
- (1) LINE, PAINTED, SOLID WHITE, 4"
- (2) LINE, PAINTED, SOLID BLUE, 4"
- (3) A.D.A. SYMBOL, PAINTED, SOLID BLUE, 4" (SEE DETAIL–SHEET 1000)
- (4) SIGNAGE (SEE DETAIL–SHEET 1000)
- (5) CROSSWALK, PAINTED, SOLID WHITE, 24"

SCALE: 1" = 30'

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

SITE DIMENSION NOTES

1. ALL NEW SIGNAGE AND PARKING LOT LIGHTS SHALL MATCH WHITELAND COMMUNITY HIGH SCHOOLS' EXISTING SIGNAGE AND LIGHTING. CONTRACTOR SHALL COORDINATE WITH OWNER, LANDSCAPE ARCHITECT (CONTEXT DESIGN), AND MEP DESIGNER FOR LIGHT STYLES AND LAYOUT.
2. CONTRACTOR SHALL NOTIFY ENGINEER, IF PROOF ROLL OF SUBGRADE FAILS, TO DETERMINE IF LIME STABILIZATION OF SUBGRADE IS NECESSARY.
3. ALL RADII DIMENSIONS ARE TO THE FACE OF PROPOSED CURB.
4. SIGNAGE SHALL INCLUDE ALL NECESSARY HARDWARE AND FITTINGS, INCLUDING 10 FT. OF 11 GAUGE FLANGED CHANNEL SIGN POST.
5. REFER TO LANDSCAPE AND ARCHITECTURAL PLANS FOR ADDITIONAL SIGNAGE. VERIFY CONFLICTS WITH OWNER, ARCHITECT, AND LANDSCAPE ARCHITECT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLAGMAN, BARRELS, SIGNAGE, ETC. DURING CONSTRUCTION. ALL APPLICABLE M.U.T.C.D. STANDARDS SHALL COVERN THIS WORK.
7. LANDSCAPING PLAN TO BE PROVIDED BY CONTEXT DESIGN. CONTRACTOR SHALL COORDINATE WITH OWNER AND CONTEXT FOR SPECIFICATIONS.
8. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERGROUND STORMWATER DETENTION CHAMBERS DURING THE ENTIRE DURATION OF THE PROJECT. CONTRACTOR SHALL COORDINATE WITH ADVANCED DRAINAGE SOLUTIONS, INC. (ADS) TO DETERMINE THE MINIMUM COVER REQUIRED OVER THE EXISTING CHAMBERS DURING CONSTRUCTION, AS WELL AS, THE APPROPRIATE EQUIPMENT AND OPERATIONS TO PROTECT THE CHAMBERS.
9. EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.
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11. CONTRACTOR SHALL CONFIRM CONSTRUCTION FENCE TYPE (TEMPORARY OR PERMANENT), LAYOUT, MATERIALS, AND GATE LOCATIONS WITH THE SKILLMAN CORPORATION AND OWNER PRIOR TO CONSTRUCTION. CONSTRUCTION FENCE SHALL BE INSTALLED SUCH THAT EXISTING IMPROVEMENTS TO REMAIN IN PLACE ARE NOT DAMAGED BY FENCE INSTALLATION OR REMOVAL.

MATCHLINE - SEE SHEET 301

MATCHLINE - SEE SHEET 303

INSTALL 724 LFT OF TEMPORARY CONSTRUCTION FENCE

INSTALL CONSTRUCTION GATE PER LOGISTICS PLAN PROVDED BY SKILLMAN CORPORATION

CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING PAVEMENT AND CURB INSTALLED IN PHASE 2A

CONTRACTOR SHALL COORDINATE WITH TOWN OF BARGERSVILLE AND JOHNSON CO. REMC FOR RELOCATION OF BURIED 1–PHASE ELECTRIC SERVICE

INSTALL 1,358 LFT OF PERMANENT CONSTRUCTION FENCE

CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING TRACK PAVEMENT AND ARTIFICIAL FOOTBALL FIELD TURF

INSTALL AQUA–SWIRL MANHOLE FRAME, COVER, AND CONCRETE PAD PER MANUFACTURER'S DETAILS FOR TRAFFIC LOADING AREAS

CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING PAVEMENT, CURB, AND FENCE INSTALLED IN PHASE 2A

CONTRACTOR SHALL COORDINATE WITH TOWN OF BARGERSVILLE, JOHNSON CO. REMC, JC FIBER, METRONET, BRIGHTSPEED, AND COMCAST FOR RELOCATION OF POWER POLES AND AERIAL ELECTRIC AND TELECOMMUNICATION UTILITIES

INSTALL LIFTMASTER HEAVY DUTY DC BARRIER GATE OPERATOR AND LIFT GATE (MODEL MATDCBB) PER SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS. CONFIRM LOCATION, DIMENSIONS, MATERIALS, AND ELECTRICAL/CONTROL REQUIREMENTS WITH OWNER AND ARCHITECT PRIOR TO CONSTRUCTION.

INSTALL CONSTRUCTION GATE PER LOGISTICS PLAN PROVIDED BY SKILLMAN CORPORATION

INSTALL CONCRETE RETAINING WALL AND RAISED LOADING DOCK PLATFORM PER ARCHITECTURAL AND/OR STRUCTURAL PLANS

CONTRACTOR SHALL COORDINATE WITH JC FIBER FOR RELOCATION OF BURIED FIBER OPTIC

PROPOSED ±40,861 SQ. FT. BUILDING ADDITION

CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERGROUND DETENTION SYSTEM INSTALLED IN PHASE 2A

INSTALL "CAUTION BURIED ELECTRIC LINE BELOW" SIGN OR APPROVED EQUAL

INSTALL "CAUTION BURIED ELECTRIC LINE BELOW" SIGN OR APPROVED EQUAL

BREWER TILE (PER LEGAL DESCRIPTION)

APPROX. FLOODPLAIN LIMITS

FLOODPLAIN ZONE 'AE'

FLOODWAY ZONE 'AE'

APPROX. FLOODWAY LIMITS

75' LEGAL DRAIN EASEMENT

BFE 791

ZONE 'X'

28 SPCS @ 10' = 280'

9 SPCS @ 10' = 90'

7 SPACES @ 10'=70'

14 SPACES @ 10'=140'

13 SPCS @ 10' = 130'

R1–1

R7–8 & R7–8a

FDC

DIRECTORY PATH : R:\Active\Lennox-Rhoda\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 302 SITE DIMENSION PLAN PH 2B.dwg
DATE/USER : 9/30/2024 9:15 AM / KTogt

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th AVE, BEECH GROVE, IN 46107 (317) 780-1555

SHEET 302

SITE DIMENSION PLAN

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	.	DRAWN	KLF	CHECKED	TEN	APPR.	GJI
DATE	AUGUST 30, 2024	DESIGNED	DMS				

REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS

NO.	DATE	BY	APPR.
1	09.24.24	DMS	GJI
2			
3			
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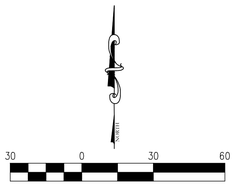
9			

REGISTERED DEREK M. SNYDER NO. 11200008 STATE OF INDIANA PROFESSIONAL ENGINEER

SHEET 302



PROPOSED LEGEND

- PROPERTY LINE / SECTION LINE
- PERMANENT FENCE / DITCH LINE
- SANITARY SEWER WITH MANHOLE
- SANITARY SEWER LATERAL WITH CLEANOUT
- STORM SEWER W/MANHOLE & END SECTION
- ELECTRIC LINE
- TELECOMM CONDUIT
- FIRE SUPPRESSION/WATER LINE
- GAS SERVICE LINE
- STORM MANHOLES
- STORM INLETS
- STORM CURB INLETS
- AQUA-SWIRL UNITS
- SIGN
- WATER FITTING BENDS
- TAPPING SLEEVE
- WATER VALVE
- FIRE HYDRANT ASSEMBLIES
- FIRE DEPARTMENT CONNECTION
- PERMANENT CONSTRUCTION FENCE WITH SCREENING ON DRIVEN POSTS
- TEMPORARY CONSTRUCTION FENCE ON STANDS WITH SAND BAGS

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

SITE DIMENSION NOTES

1. ALL NEW SIGNAGE AND PARKING LOT LIGHTS SHALL MATCH WHITELAND COMMUNITY HIGH SCHOOLS' EXISTING SIGNAGE AND LIGHTING. CONTRACTOR SHALL COORDINATE WITH OWNER, LANDSCAPE ARCHITECT (CONTEXT DESIGN), AND MEP DESIGNER FOR LIGHT STYLES AND LAYOUT.
2. CONTRACTOR SHALL NOTIFY ENGINEER, IF PROOF ROLL OF SUBGRADE FAILS, TO DETERMINE IF LIME STABILIZATION OF SUBGRADE IS NECESSARY.
3. ALL RADII DIMENSIONS ARE TO THE FACE OF PROPOSED CURB.
4. SIGNAGE SHALL INCLUDE ALL NECESSARY HARDWARE AND FITTINGS, INCLUDING 10 FT. OF 11 GAUGE FLANGED CHANNEL SIGN POST.
5. REFER TO LANDSCAPE AND ARCHITECTURAL PLANS FOR ADDITIONAL SIGNAGE. VERIFY CONFLICTS WITH OWNER, ARCHITECT, AND LANDSCAPE ARCHITECT.
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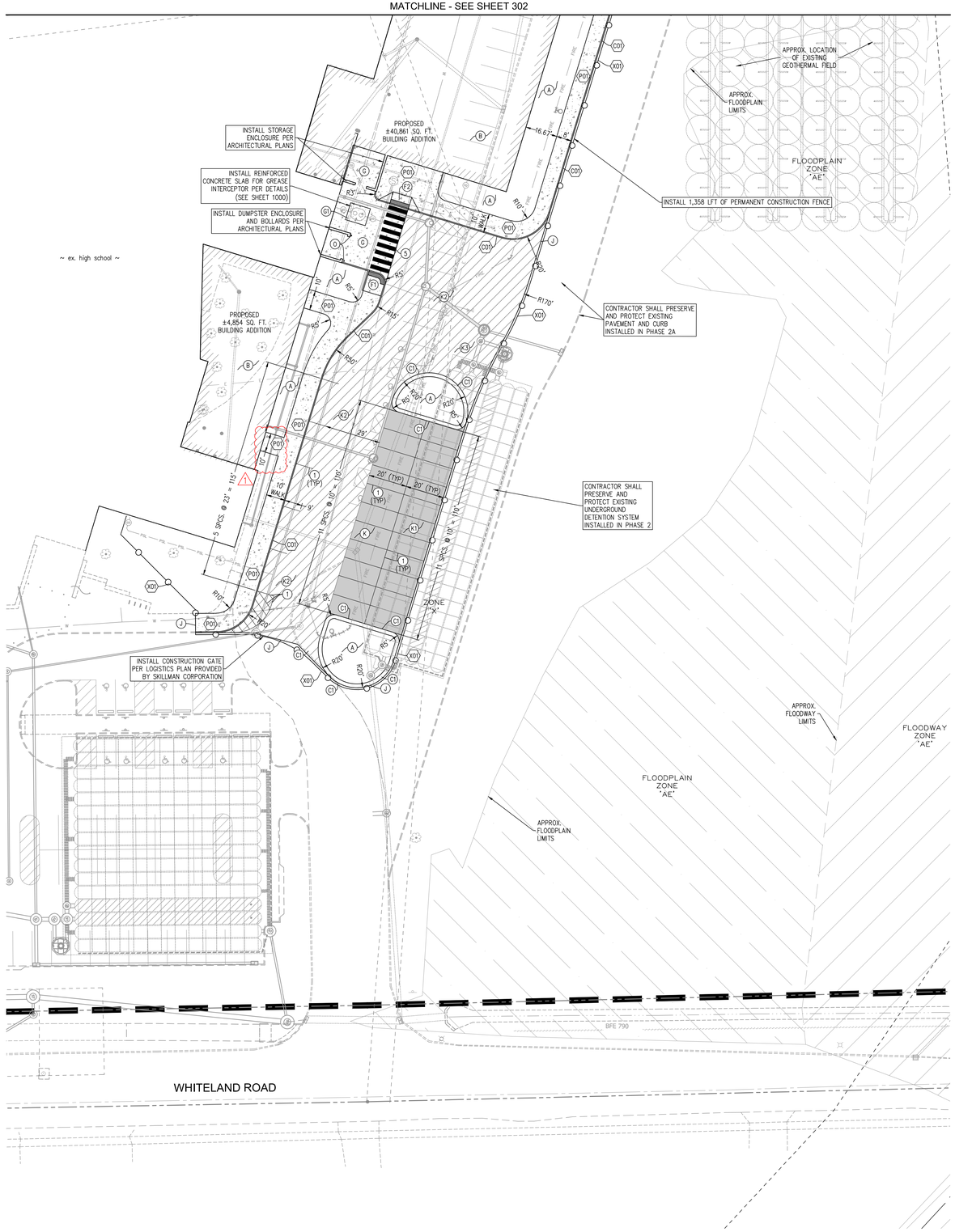
SITE DIMENSION LEGEND

- (A) LANDSCAPE AREAS (SEE CONTEXT PLANS)
- (B) STRUCTURE FOUNDATION – PER BUILDING PLANS
- (C) STRAIGHT CONCRETE CURB (SEE DETAIL–SHEET 1000)
- (C1) SLOPED CONCRETE CURB (SEE DETAIL–SHEET 1000)
- (C2) CONCRETE CURB AND GUTTER (SEE DETAIL–SHEET 1000)
- (CO1) INTEGRAL CURB AND WALK (SEE CONTEXT PLANS)
- (P01) CONCRETE, STANDARD (SEE CONTEXT PLANS)
- (F1) STRAIGHT CURB RAMP (SEE DETAIL–SHEET 1000)
- (F2) DOUBLE FLARE CURB RAMP (SEE DETAIL–SHEET 1000)
- (F3) PARALLEL CURB RAMP (SEE DETAIL–SHEET 1000)
- (F4) DEPRESSED CORNER CURB RAMP (SEE DETAIL–SHEET 1000)
- (J) SAWCUT
- (G) TYPICAL HEAVY DUTY CONCRETE SECTION: 8" CONCRETE PAVEMENT, ON 6" COMPACTED AGGREGATE #53 BASE, ON COMPACTED SUBGRADE (SEE DETAIL–SHEET 1000)
- (G1) TYPICAL HEAVY DUTY REINFORCED CONCRETE SECTION: 8" CONCRETE PAVEMENT WITH #4 REBAR, ON 6" COMPACTED AGGREGATE #53 BASE, ON COMPACTED GRANULAR BACKFILL (SEE DETAIL–SHEET 1000)
- (K) TYPICAL LIGHT DUTY ASPHALT SECTION: 1.5" HMA SURFACE 9.5mm, ON 3" HMA INTERMEDIATE 19.0mm, ON 6" COMPACTED AGGREGATE #53, ON COMPACTED SUBGRADE (SEE DETAIL–SHEET 1000)
- (K1) TYPICAL LIGHT DUTY ASPHALT SECTION OVER DETENTION: 1.5" HMA SURFACE 9.5mm, ON 3" HMA INTERMEDIATE 19.0mm, ON VARIABLE DEPTH COMPACTED AGGREGATE #53, ON GEOTEXTILE FABRIC OVER UNDERGROUND DETENTION (SEE DETAIL–SHEET 1000)
- (K2) TYPICAL HEAVY DUTY ASPHALT SECTION: 1.5" HMA SURFACE 9.5mm, ON 4" HMA INTERMEDIATE 19.0mm, ON 8" COMPACTED AGGREGATE #53, ON COMPACTED SUBGRADE (SEE DETAIL–SHEET 1000)
- (K3) TYPICAL HEAVY DUTY ASPHALT SECTION OVER DETENTION: 1.5" HMA SURFACE 9.5mm, ON 4" HMA INTERMEDIATE 19.0mm, ON VARIABLE DEPTH COMPACTED AGGREGATE #53, ON GEOTEXTILE FABRIC OVER UNDERGROUND DETENTION (SEE DETAIL–SHEET 1000)
- (L) CONCRETE WHEEL STOP (SEE DETAIL–SHEET 1000)
- (O) BOLLARD (SEE CONTEXT PLANS)
- (P) TYPICAL ASPHALT PATH SECTION: 1" HMA SURFACE 9.5mm, ON 2" HMA INTERMEDIATE 19.0mm, ON 6" COMPACTED AGGREGATE #53, ON COMPACTED SUBGRADE (SEE DETAIL – SHEET 1000)
- (R) TYPICAL ASPHALT WEDGE & LEVEL SECTION: 1.5" HMA SURFACE 9.5mm, ON VARIABLE DEPTH HMA INTERMEDIATE 19.0mm WEDGE, ON EXISTING ASPHALT MILLED 1" (SEE DETAIL–SHEET 1000)
- (S) CONCRETE STEPS AND HANDRAILS (SEE CONTEXT PLANS)
- (W) RETAINING/SEAT WALL (SEE CONTEXT PLANS)
- (X) PERMANENT FENCING (SEE CONTEXT PLANS)
- (X01) PERMANENT CONSTRUCTION FENCE WITH SCREENING ON DRIVEN POSTS
- (X02) TEMPORARY CONSTRUCTION FENCE ON STANDS WITH SAND BAGS
- (1) LINE, PAINTED, SOLID WHITE, 4"
- (2) LINE, PAINTED, SOLID BLUE, 4"
- (3) A.D.A. SYMBOL, PAINTED, SOLID BLUE, 4" (SEE DETAIL–SHEET 1000)
- (4) SIGNAGE (SEE DETAIL–SHEET 1000)
- (5) CROSSWALK, PAINTED, SOLID WHITE, 24"



DIRECTORY PATH : R:\Active\Larsen+Bader\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 303 SITE DIMENSION PLAN PH 2B.dwg
DATE/USER : 9/30/2024 9:19 AM / Mfog

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th Ave. Suite 200, Beech Grove, IN 46107 (317) 780-1555

SHEET 303

SITE DIMENSION PLAN

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	.	DRAWN	KLF	CHECKED	TEN	APPR.	CJI
DATE	AUGUST 30, 2024	DESIGNED	DMS			APPR.	CJI

DEREK M. SNYDER REGISTERED NO. 11200008 STATE OF INDIANA PROFESSIONAL ENGINEER

NO.	DATE	REVISIONS	BY	APPR.
1	09.24.24	REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS	DMS	CJI
2				
3				
4				
5				
6				
7				
8				
9				

SHEET 303

EXISTING LEGEND

POWERPOLE	CONTOURS
POWERPOLE W/RISER	PROPERTY LINE
POWERPOLE W/LIGHT	SECTION LINE
LIGHT POLE	RIGHT-OF-WAY
ELECTRIC METER	EASEMENT
ELECTRIC BOX	ADJOINER LINE
YARD LIGHT	PAVEMENT LINE
GUIDE WIRE	FIELD LINE
TELEPHONE MANHOLE	PRIVACY FENCE
TELEPHONE RISER	CHAINLINK FENCE
WATER VALVE	SPLIT RAIL FENCE
FIRE HYDRANT	WIRE FENCE
WELL	DITCH
WATER MANHOLE	GAS LINE
WATER METER	TELEPHONE LINE
GAS VALVE	WATER LINE
GAS VALVE	CABLE TV LINE
CABLE TV RISER	ELECTRIC LINE
CLEANOUT	OVERHEAD UTILITY LINE
SIGN	TREE LINE
MAILBOX	SANITARY SEWER
STORM ROUND INLET	W/MANHOLE
STORM CURB INLET	STORM SEWER W/ MANHOLE & END SECTION
RIGHT-OF-WAY MARKER	
TREE, BUSH & STUMP	(D) DEED (M) MEASURE (PS) PLAT SURVEY
TEMP. BENCHMARK	ASPHALT BUILDING CONCRETE
MONUMENT FOUND	GRAVEL

UTILITY NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLAGMAN, BARRELS, SIGNAGE, ETC. DURING CONSTRUCTION. ALL APPLICABLE M.U.T.C.D. STANDARDS SHALL GOVERN THIS WORK.
2. CONTRACTOR SHALL REFER TO THE ELECTRICAL SITE PLAN PREPARED BY PRIMARY ENGINEERING, INC. FOR PARKING LOT LIGHTING AND SPECIFICATIONS.
3. ALL STORM SEWER CASTINGS SHALL BE NPDES PHASE II COMPLIANT. CASTINGS SHALL BE MANUFACTURED WITH A STATEMENT SAYING: "DUMP NO WASTE, DRAINS TO RIVER" IN ½" RAISED LETTERS.
4. ALL FIELD TILES DISTURBED DURING CONSTRUCTION MUST BE REPAIRED/CONNECTED TO NEW STORMWATER FACILITIES.
5. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERGROUND STORMWATER DETENTION CHAMBERS DURING THE ENTIRE DURATION OF THE PROJECT. CONTRACTOR SHALL COORDINATE WITH ADVANCED DRAINAGE SOLUTIONS, INC. (ADS) TO DETERMINE THE MINIMUM COVER REQUIRED OVER THE EXISTING CHAMBERS DURING CONSTRUCTION, AS WELL AS, THE APPROPRIATE EQUIPMENT AND OPERATIONS TO PROTECT THE CHAMBERS.
6. WATER MAIN INSTALLATION AND MATERIALS SHALL CONFORM TO THE TOWN OF WHITELAND TYPICAL CONSTRUCTION GUIDELINES AND DETAILS.
7. TAPPING SLEEVES AND VALVES SHALL BE EJP OR MUELLER H-615, H-616 OR STAINLESS STEEL SLEEVES. TAPPING VALVES SHALL BE 2360 SERIES BY MEULLER OR AFC 2500.
8. FIRE HYDRANT ASSEMBLIES SHALL BE SUPER CENTURION 250 HYDRANT BY MEULLER CO. WITH STORZ FITTING ON STEAMER WITH 5"-6" MIN. BURIAL DEPTH.
9. ALL FITTINGS SHALL BE DUCTILE IRON (D.I.) WITH MECHANICAL JOINTS (M.J.) CONFORMING TO AWWA C-110, C-111, C-153, AND NSF-61. ALL WATER MAIN FITTINGS SHALL BE RESTRAINED IN ACCORDANCE WITH THE TOWN OF WHITELAND TYPICAL CONSTRUCTION GUIDELINES AND DETAILS.
10. MEG-A-LUG RETAINER GLANDS BY EBBA IRON, INC. , FIELD-LOK GASKETS, OR ONE BOLT RESTRAINED FITTINGS SHALL BE USED ON EACH SIDE OF FITTINGS WHERE THE WATER MAIN CHANGES DIRECTION.
11. CONTRACTOR SHALL COORDINATE CONSTRUCTION SEQUENCE WITH THE OWNER AND SKILLMAN CORPORATION AND MAINTAIN ACTIVE UTILITY SERVICES AT ALL TIMES. ALL TEMPORARY UTILITY SERVICE INTERRUPTIONS MUST BE APPROVED BY THE OWNER AND SKILLMAN CORPORATION PRIOR TO INSTALLATION OF IMPROVEMENTS.
12. EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.
13. CONTRACTOR SHALL CONNECT ROOF DRAINS TO STORM STRUCTURES AS SHOWN. CONFIRM ROOF DRAIN LOCATIONS, DIAMETERS, AND INVERT ELEVATIONS EXITING THE BUILDING WITH THE MEP PLANS PRIOR TO CONSTRUCTION.
14. CONTRACTOR SHALL CONFIRM SANITARY LATERAL LOCATIONS, DIAMETERS, AND INVERT ELEVATIONS EXITING THE BUILDING WITH THE MEP PLANS PRIOR TO CONSTRUCTION.

PROPOSED LEGEND

	PROPERTY LINE / SECTION LINE
	PERMANENT FENCE / DITCH LINE
S	SANITARY SEWER WITH MANHOLE
PSL	SANITARY SEWER LATERAL WITH CLEANOUT
S	STORM SEWER W/MANHOLE & END SECTION
PE	ELECTRIC LINE / TELECOMM CONDUIT
P-CON	FIRE SUPPRESSION/WATER LINE
FIRE	GAS SERVICE LINE
PG	STORM MANHOLES
	STORM INLETS
	STORM CURB INLETS
	AQUA-SWIRL UNITS
	SIGN
	WATER FITTING BENDS
JC	TAPPING SLEEVE
	WATER VALVE
	FIRE HYDRANT ASSEMBLIES
	FIRE DEPARTMENT CONNECTION
	PERMANENT CONSTRUCTION FENCE WITH SCREENING ON DRIVEN POSTS
x x	TEMPORARY CONSTRUCTION FENCE ON STANDS WITH SAND BAGS

EXISTING STORM SEWER STRUCTURE TABLE	STORM SEWER STRUCTURE TABLE
STR. DATA	STR. DATA
STR. NO. 128 EXISTING NYLOPLAST DRAIN RECONSTRUCT TO GRADE MECHANICALLY CORE AND CONNECT 4" UNDERDRAINS FROM LONG JUMP PIT USING ADD-A-BRANCH ADAPTERS (EX. RIM=801.61) PROP. RIM=802.61 EX. INV IN (4"-N)=797.70 EX. INV OUT (12"-S)=797.70	STR. NO. 147 INSTALL 6 LFT OF NEENAH R-4999-DD TRENCH DRAIN
STR. NO. 129 EXISTING NYLOPLAST DRAIN RECONSTRUCT TO GRADE (EX. RIM=801.62) PROP. RIM=802.94 EX. INV IN (12"-N)=797.51 EX. INV OUT (12"-S)=797.47	

30 0 30 60

SCALE: 1" = 30'

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

INSTALL 410 LFT (TOTAL) OF 4"ø PERFORATED HDPE UNDERDRAIN WITH FILTER SOCK @ 0.5% FOR LONG JUMP PIT DRAINAGE.

Str. No. 128

Str. No. 129

CONTRACTOR SHALL COORDINATE WITH TOWN OF BARGERSVILLE AND JOHNSON CO. REMC FOR 3-PHASE PRIMARY ELECTRICAL SERVICE INSTALLATION FOR HIGH SCHOOL BUILDING AND FOOTBALL LOCKER ROOM

INSTALL 4-3"ø PVC ELECTRICAL CONDUITS FOR 3-PHASE PRIMARY ELECTRICAL SERVICE PER SITE ELECTRICAL PLAN PREPARED BY PRIMARY ENGINEERING. CONFIRM LAYOUT, NUMBER OF CONDUITS, DIAMETER, AND MATERIAL SPECIFICATIONS WITH THE TOWN OF BARGERSVILLE AND JOHNSON CO. REMC PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL REFEED FOOTBALL LOCKER ROOM ELECTRICAL METER AND SERVICE PER SITE ELECTRICAL PLAN PREPARED BY PRIMARY ENGINEERING

CONTRACTOR SHALL COORDINATE WITH CENTERPOINT ENERGY FOR GAS SERVICE RELOCATION

CONTRACTOR SHALL INSTALL ELECTRICAL PULL BOX PER SITE ELECTRICAL PLAN PREPARED BY PRIMARY ENGINEERING

CONTRACTOR SHALL COORDINATE WITH TOWN OF JC FIBER, METRONET, AND BRIGHTSPEED FOR TELECOMMUNICATIONS CONDUIT INSTALLATIONS AND AERIAL UTILITY RELOCATIONS.

CONTRACTOR SHALL COORDINATE WITH TOWN OF BARGERSVILLE, JOHNSON CO. REMC, JC FIBER, METRONET, COMCAST, AND BRIGHTSPEED FOR RELOCATION OF POWER POLES AND AERIAL ELECTRIC AND TELECOMMUNICATIONS

FUTURE (PHASE 3) STUDENT ACTIVITY CENTER ADDITION

INSTALL SIGN FOR EXISTING FDC (SEE DETAIL-SHEET 1000)

INSTALL SIGN FOR EXISTING FDC (SEE DETAIL-SHEET 1000)

CONTRACTOR SHALL COORDINATE WITH JC FIBER, METRONET, AND BRIGHTSPEED FOR INSTALLATION OF CONDUITS AND FOR UTILITY RELOCATIONS

INSTALL 3-3"ø PVC ELECTRICAL CONDUITS FOR 3-PHASE PRIMARY ELECTRICAL SERVICE PER SITE ELECTRICAL PLAN PREPARED BY PRIMARY ENGINEERING. CONFIRM LAYOUT, NUMBER OF CONDUITS, DIAMETER, AND MATERIAL SPECIFICATIONS WITH THE TOWN OF BARGERSVILLE AND JOHNSON CO. REMC PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL REMOVE EXISTING 8"ø PVC SANITARY SEWER AFTER PROPOSED SANITARY SEWER SHOWN ON SHEET 402 HAS BEEN INSTALLED, INSPECTED, TESTED, AND APPROVED AND AFTER INTERNAL PLUMBING HAS BEEN RECONNECTED TO THE PROPOSED SEWER

EXISTING HIGH SCHOOL

MATCHLINE - SEE SHEET 402

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

DIRECTORY PATH : R:\Work\Larsen Bade\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 40_UTILITY PLAN PH 2B.dwg
DATE/USER : 9/30/2024 9:22 AM / KKng

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th AVE. BEECH GROVE, IN 46107 (317) 780-1555

UTILITY PLAN

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	-	DRAWN	KLF	CHECKED	TEN	APPR.	GJI
DATE	AUGUST 30, 2024	DESIGNED	DMS				

SHEET 401

REGISTERED DEREK M. SNYDER NO. 11200008 STATE OF INDIANA PROFESSIONAL ENGINEER

NO.	DATE	BY	APPR.
1	09.24.24	DMS	GJI

REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS

SHEET 401

UTILITY NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLAGMAN, BARRELS, SIGNAGE, ETC. DURING CONSTRUCTION. ALL APPLICABLE M.U.T.C.D. STANDARDS SHALL GOVERN THIS WORK.
2. CONTRACTOR SHALL REFER TO THE ELECTRICAL SITE PLAN PREPARED BY PRIMARY ENGINEERING, INC. FOR PARKING LOT LIGHTING AND SPECIFICATIONS.
3. ALL STORM SEWER CASTINGS SHALL BE NPDES PHASE II COMPLIANT. CASTINGS SHALL BE MANUFACTURED WITH A STATEMENT SAYING: "DUMP NO WASTE, DRAINS TO RIVER" IN ½" RAISED LETTERS.
4. ALL FIELD TILES DISTURBED DURING CONSTRUCTION MUST BE REPAIRED/CONNECTED TO NEW STORMWATER FACILITIES.
5. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERGROUND STORMWATER DETENTION CHAMBERS DURING THE ENTIRE DURATION OF THE PROJECT. CONTRACTOR SHALL COORDINATE WITH ADVANCED DRAINAGE SOLUTIONS, INC. (ADS) TO DETERMINE THE MINIMUM COVER REQUIRED OVER THE EXISTING CHAMBERS DURING CONSTRUCTION, AS WELL AS, THE APPROPRIATE EQUIPMENT AND OPERATIONS TO PROTECT THE CHAMBERS.
6. WATER MAIN INSTALLATION AND MATERIALS SHALL CONFORM TO THE TOWN OF WHITELAND TYPICAL CONSTRUCTION GUIDELINES AND DETAILS.
7. TAPPING SLEEVES AND VALVES SHALL BE EJP OR MUELLER H-615, H-616 OR STAINLESS STEEL SLEEVES. TAPPING VALVES SHALL BE 2360 SERIES BY MEULLER OR AFC 2500.
8. FIRE HYDRANT ASSEMBLIES SHALL BE SUPER CENTURION 250 HYDRANT BY MEULLER CO. WITH STORZ FITTING ON STEAMER WITH 5"-6" MIN. BURIAL DEPTH.
9. ALL FITTINGS SHALL BE DUCTILE IRON (D.I.) WITH MECHANICAL JOINTS (M.J.) CONFORMING TO AWWA C-110, C-111, C-153, AND NSF-61. ALL WATER MAIN FITTINGS SHALL BE RESTRAINED IN ACCORDANCE WITH THE TOWN OF WHITELAND TYPICAL CONSTRUCTION GUIDELINES AND DETAILS.
10. MEGA-LUG RETAINER GLANDS BY EBBA IRON, INC., FIELD-LOK GASKETS, OR ONE BOLT RESTRAINED FITTINGS SHALL BE USED ON EACH SIDE OF FITTINGS WHERE THE WATER MAIN CHANGES DIRECTION.
11. CONTRACTOR SHALL COORDINATE CONSTRUCTION SEQUENCE WITH THE OWNER AND SKILLMAN CORPORATION AND MAINTAIN ACTIVE UTILITY SERVICES AT ALL TIMES. ALL TEMPORARY UTILITY SERVICE INTERRUPTIONS MUST BE APPROVED BY THE OWNER AND SKILLMAN CORPORATION PRIOR TO INSTALLATION OF IMPROVEMENTS.
12. EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.
13. CONTRACTOR SHALL CONNECT ROOF DRAINS TO STORM STRUCTURES AS SHOWN. CONFIRM ROOF DRAIN LOCATIONS, DIAMETERS, AND INVERT ELEVATIONS EXITING THE BUILDING WITH THE MEP PLANS PRIOR TO CONSTRUCTION.
14. CONTRACTOR SHALL CONFIRM SANITARY LATERAL LOCATIONS, DIAMETERS, AND INVERT ELEVATIONS EXITING THE BUILDING WITH THE MEP PLANS PRIOR TO CONSTRUCTION.

EXISTING LEGEND

- POWERPOLE
- POWERPOLE W/RISER
- POWERPOLE W/LIGHT
- LIGHT POLE
- ELECTRIC METER
- ELECTRIC BOX
- YARD LIGHT
- GUIDE WIRE
- TELEPHONE MANHOLE
- TELEPHONE RISER
- WATER VALVE
- FIRE HYDRANT
- WELL
- WATER MANHOLE
- WATER METER
- GAS VALVE
- GAS VALVE
- CABLE TV RISER
- CLEANOUT
- SIGN
- MAILBOX
- STORM ROUND INLET
- STORM CURB INLET
- RIGHT-OF-WAY MARKER
- TREE, BUSH & STUMP
- TEMP. BENCHMARK
- MONUMENT FOUND

- 800 CONTOURS
- PROPERTY LINE
- SECTION LINE
- RIGHT-OF-WAY
- EASEMENT
- ADJOINER LINE
- PAVEMENT LINE
- FIELD LINE
- PRIVACY FENCE
- CHAINLINK FENCE
- SPLIT RAIL FENCE
- WIRE FENCE
- DITCH
- GAS LINE
- TELEPHONE LINE
- WATER LINE
- CABLE TV LINE
- ELECTRIC LINE
- OVERHEAD UTILITY LINE
- TREE LINE
- SANITARY SEWER
- STORM SEWER W/ MANHOLE & END SECTION

(D) DEED (M) MEASURE (PS) PLAT SURVEY

ASPHALT, BUILDING, CONCRETE, GRAVEL

PROPOSED LEGEND

- PROPERTY LINE
- SECTION LINE
- PERMANENT FENCE
- DITCH LINE
- SANITARY SEWER WITH MANHOLE
- SANITARY SEWER LATERAL WITH CLEANOUT
- STORM SEWER W/MANHOLE & END SECTION
- ELECTRIC LINE
- TELECOMM CONDUIT
- FIRE SUPPRESSION/WATER LINE
- GAS SERVICE LINE
- STORM MANHOLES
- STORM INLETS
- STORM CURB INLETS
- AQUA-SWIRL UNITS
- SIGN
- WATER FITTING BENDS
- TAPPING SLEEVE
- WATER VALVE
- FIRE HYDRANT ASSEMBLIES
- FIRE DEPARTMENT CONNECTION
- PERMANENT CONSTRUCTION FENCE WITH SCREENING ON DRIVEN POSTS
- TEMPORARY CONSTRUCTION FENCE ON STANDS WITH SAND BAGS

INDIANA 811 dig right. It's the law. Know what's below. Call before you.

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

MATCHLINE - SEE SHEET 401

SCALE: 1" = 30'

HORIZONTAL DIRECTIONAL DRILL 1~3" PVC ELECTRICAL CONDUITS FOR 1-PHASE PRIMARY ELECTRICAL SERVICE UNDER DRIVE AISLE INSTALLED IN PHASE 2A PER SITE ELECTRICAL PLAN PREPARED BY PRIMARY ENGINEERING. CONFIRM LAYOUT, NUMBER OF CONDUITS, DIAMETER, AND MATERIAL SPECIFICATIONS WITH THE TOWN OF BARGERSVILLE AND JOHNSON CO. REMC PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL COORDINATE WITH TOWN OF BARGERSVILLE AND JOHNSON CO. REMC FOR RELOCATION OF BURIED ELECTRICAL SERVICE

INSTALL TELECOMMUNICATION HANDHOLE PER DESIGN 27 PLANS

APPROX. FLOODPLAIN LIMITS

FLOODPLAIN ZONE "AE"

APPROX. FLOODWAY LIMITS

FLOODWAY "AE"

75' LEGAL DRAIN EASEMENT

BREWER TILE (PER LEGAL DESCRIPTION)

BFE 791

INSTALL CONDUIT FOR TELECOMMUNICATION CABLE PER DESIGN 27 PLANS AND COORDIBATE WITH JC FIBER FOR FIBER OPTIC RELOCATION

CONTRACTOR SHALL FIELD LOCATE EXISTING LEGAL DRAIN TILE AND INSTALL ELECTRICAL CONDUITS 4' (MIN.) BELOW BOTTOM OF TILE ELEVATION AT CROSSING

CONTRACTOR SHALL COORDINATE WITH THE TOWN OF BARGERSVILLE AND JOHNSON CO. REMC FOR 3-PHASE PRIMARY ELECTRICAL SERVICE INSTALLATION AND CONNECTION TO EXISTING TRANSFORMER

CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERGROUND DETENTION SYSTEM INSTALLED IN PHASE 2A

INSTALL TELECOMMUNICATION HANDHOLE PER DESIGN 27 PLANS

HORIZONTAL DIRECTIONAL DRILL 3~3"ø PVC ELECTRICAL CONDUITS FOR 3-PHASE PRIMARY ELECTRICAL SERVICE UNDER DRIVE AISLE INSTALLED IN PHASE 2A PER SITE ELECTRICAL PLAN PREPARED BY PRIMARY ENGINEERING. CONFIRM LAYOUT, NUMBER OF CONDUITS, DIAMETER, AND MATERIAL SPECIFICATIONS WITH THE TOWN OF BARGERSVILLE AND JOHNSON CO. REMC PRIOR TO CONSTRUCTION.

INSTALL CONDUIT FOR TELECOMMUNICATION CABLE PER DESIGN 27 PLANS AND COORDINATE WITH JC FIBER FOR FIBER OPTIC RELOCATION

INSTALL TELECOMMUNICATION HANDHOLE PER DESIGN 27 PLANS

INSTALL 8"~45° RESTRAINED BEND

INSTALL 45° RESTRAINED BEND (FIELD VERIFY SIZE)

INSTALL 149 LFT OF C900 PVC WATER LINE (FIELD VERIFY SIZE)

INSTALL 153 LFT OF 8"ø C900 PVC WATER LINE

INSTALL 117 LFT OF 8"ø C900 PVC WATER LINE

INSTALL 8"~11.25° RESTRAINED BEND

INSTALL 11 LFT OF 8"ø C900 PVC WATER LINE

INSTALL 8"~45° RESTRAINED BEND

INSTALL 14 LFT OF 8"ø C900 PVC WATER LINE

RECONSTRUCT EXISTING TELECOMMUNICATIONS MANHOLE TO GRADE

INSTALL 158 LFT OF C900 PVC WATER LINE (FIELD VERIFY SIZE)

INSTALL RESTRAINED FIRE HYDRANT ASSEMBLY

INSTALL 11 LFT OF 8"ø C900 PVC WATER LINE

INSTALL 8"~22.5° RESTRAINED BEND

INSTALL 8 LFT OF 8"ø C900 PVC WATER LINE

INSTALL 8"~45° RESTRAINED BEND

INSTALL 142 LFT OF 8"ø C900 PVC WATER LINE

INSTALL 147 LFT OF 8"ø C900 PVC WATER LINE

INSTALL 22.5° RESTRAINED BEND AND CONNECT TO EXISTING FDC LINE (FIELD VERIFY SIZE)

INSTALL 8" RESTRAINED INSERTA VALVE

INSTALL 8"x8" RESTRAINED TAPPING SLEEVE AND GATE VALVE (FIELD VERIFY SIZE)

INSTALL RESTRAINED FIRE HYDRANT ASSEMBLY

INSTALL 8" RESTRAINED PLUG (FIELD VERIFY SIZE)

CONTRACTOR SHALL COORDINATE WITH JC FIBER FOR RELOCATION OF BURIED FIBER OPTIC

INSTALL FDC AND SIGN (SEE DETAIL-SHEET 1000)

PROPOSED ±40,861 SQ. FT. BUILDING ADDITION

CONTRACTOR SHALL REMOVE EXISTING 8"ø PVC SANITARY SEWER AFTER PROPOSED SANITARY SEWER SHOWN ON SHEET 402 HAS BEEN INSTALLED, INSPECTED, TESTED, AND APPROVED AND AFTER INTERNAL PLUMBING HAS BEEN RECONNECTED TO THE PROPOSED SEWER

CONTRACTOR SHALL REMOVE EXISTING 8"ø WATER LINE BETWEEN PLUGS AFTER PROPOSED WATER LINE AND FIRE HYDRANTS HAVE BEEN INSTALLED, INSPECTED, TESTED, AND APPROVED

EXISTING HIGH SCHOOL

ZONE "X"

Str. No. 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 146, 153

MATCHLINE - SEE SHEET 403

STORM SEWER STRUCTURE TABLE

STR. DATA
STR. NO. 108 REMOVE EXISTING TEMPORARY METAL PIPE END SECTION AND INSTALL TYPE 'J' INLET WITH NEENAH R-3287-10V CASTING AND CONNECT TO EXISTING 12" HDPE PIPE RIM=799.09 INV OUT (12"~NE)=793.25
STR. NO. 130 INSTALL 18 LFT OF NEENAH R-4996-C TRENCH DRAIN WITH 6" BOTTOM OUTLET AND 42 LFT OF 6"ø SCH 40 PVC PIPE @ 1.01% RIM=798.00 INV OUT (6"~N)=795.00
STR. NO. 131 INSTALL TYPE 'J' MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL AND 90 LFT OF 24"ø HDPE PIPE @ 0.39% RIM=800.24 INV IN (24"~W)=792.05 INV IN (6"~S)=794.58 INV OUT (24"~NE)=792.05
STR. NO. 132 INSTALL TYPE 'J' MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL AND 125 LFT OF 24"ø HDPE PIPE @ 0.40% RIM=800.34 INV IN (24"~SW)=791.70 INV OUT (24"~E)=791.66

STORM SEWER STRUCTURE TABLE

STR. DATA
STR. NO. 133 INSTALL MODIFIED TYPE 'J' MANHOLE FOR WATER QUALITY DIVERSION STRUCTURE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL AND 8 LFT OF 24"ø HDPE PIPE @ 0.95% 10 LFT OF 18"ø HDPE PIPE @ 0.60% RIM=799.89 INV IN (24"~W)=791.16 INV OUT (24"~E)=791.64 INV OUT (18"~NE)=791.16
STR. NO. 134 INSTALL PCS AQUA-SWIRL AS-7 IN OFFLINE HORSESHOE CONFIGURATION AND 10 LFT OF 18"ø HDPE PIPE @ 0.60% RIM=799.58 INV IN (18"~SW)=791.10 INV OUT (18"~S)=791.10
STR. NO. 135 INSTALL TYPE 'J' MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL AND 10 LFT OF 24"ø HDPE PIPE @ 0.52% RIM=799.85 INV IN (24"~W)=791.56 INV IN (18"~N)=791.04 INV OUT (24"~S)=791.04
STR. NO. 136 INSTALL DOGHOUSE TYPE 'K' MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL RIM=800.21 INV IN (24"~N)=790.99 INV IN (24"~W)=791.09 INV OUT (24"~SE)=790.99

STORM SEWER STRUCTURE TABLE

STR. DATA
STR. NO. 137 INSTALL TYPE 'C' MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL AND 70 LFT OF 15"ø HDPE PIPE @ 1.00% RIM=798.65 INV IN (12"~W)=794.46 INV OUT (15"~N)=792.21
STR. NO. 138 INSTALL 15" NYLOPLAST BASIN WITH SOLID COVER AND 18 LFT OF 12"ø HDPE PIPE @ 2.54% RIM=801.63 INV IN (12"~W)=796.60 INV OUT (12"~N)=796.70
STR. NO. 146 INSTALL CONCRETE COLLAR AND CONNECT TO EXISTING 24" RCP STORM SEWER WITH 12 LFT OF 24"ø RCP @ 0.26% INV OUT (24"~E)=792.08
STR. NO. 153 INSTALL 18" NYLOPLAST BASIN WITH SOLID COVER AND 27 LFT OF 12"ø HDPE PIPE @ 3.01% RIM=801.21 INV IN (12"~S)=796.24 INV IN (8"~NW)=795.60 INV OUT (12"~E)=795.27

EXISTING STORM SEWER STRUCTURE TABLE

STR. DATA
STR. NO. 109 EXISTING STORM MANHOLE ADJUST CASTING TO GRADE PROP. RIM=797.08 EX. INV IN (12"~SW)=793.00 EX. INV IN (12"~NE)=791.35 EX. INV OUT (12"~E)=790.24
STR. NO. 110 EXISTING STORM MANHOLE ADJUST CASTING TO GRADE PROP. RIM=796.58 EX. INV IN (12"~W)=790.14 EX. INV IN (12"~E)=792.00 EX. INV IN (12"~N)=789.98 EX. INV OUT (24"~S)=789.98 EX. INV OUT (12"~N)=790.14
STR. NO. 111 EXISTING AQUA-SWIRL UNIT NO WORK REQUIRED PROP. RIM=796.44 EX. INV IN (12"~S)=790.06 EX. INV OUT (12"~S)=790.06
STR. NO. 113 EXISTING STORM MANHOLE ADJUST CASTING TO GRADE MECHANICALLY CORE AND CONNECT 15" HDPE PIPE FROM STR. NO. 137 PROP. RIM=798.05 EX. INV IN (15"~S)=791.51 EX. INV IN (12"~SE)=791.00 EX. INV OUT (18"~N)=791.26

EXISTING STORM SEWER STRUCTURE TABLE

STR. DATA
STR. NO. 114 EXISTING STORM MANHOLE ADJUST CASTING TO GRADE PROP. RIM=799.56 EX. INV IN (18"~S)=790.88 EX. INV IN (24"~NW)=790.60 EX. INV OUT (24"~E)=790.50
STR. NO. 115 EXISTING STORM MANHOLE ADJUST CASTING TO GRADE PROP. RIM=798.83 EX. INV IN (24"~W)=790.31 EX. INV IN (15"~SE)=790.19 EX. INV OUT (24"~N)=790.19 EX. INV OUT (15"~SE)=790.31
STR. NO. 116 EXISTING AQUA-SWIRL UNIT ADJUST CASTING TO GRADE PROP. RIM=798.59 EX. INV IN (15"~NW)=790.25 EX. INV OUT (15"~NW)=790.25
STR. NO. 117 EXISTING STORM MANHOLE ADJUST CASTING TO GRADE PROP. RIM=798.93 EX. INV IN (24"~S)=790.01 EX. INV IN (24"~E)=791.01 EX. INV OUT (24"~N)=790.01

DIRECTORY PATH : R:\Active\Lennon-Reed\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 402 UTILITY PLAN PH 2B.dwg
DATE/USER : 9/30/2024 9:25 AM / KStipp

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th AVENUE, SUITE 200 BEECH GROVE, IN 46107 (317) 780-1555

UTILITY PLAN

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	.	DRAWN	KLF	CHECKED	TEN	SHEET	402
DATE	AUGUST 30, 2024	DESIGNED	DMS	APPR.	CJI		

REGISTERED DEREK M. SNYDER NO. 11200008 STATE OF INDIANA PROFESSIONAL ENGINEER

NO.	DATE	BY	APPR.
1	09.24.24	DMS	CJI
2			
3			
4			
5			
6			
7			
8			
9			

REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS
REVISIONS

SHEET 402

NORTH

30 0 30 60

SCALE: 1" = 30'

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

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

PROPOSED LEGEND

- PROPERTY LINE / SECTION LINE
- PERMANENT FENCE
- DITCH LINE
- SANITARY SEWER WITH MANHOLE
- SANITARY SEWER LATERAL WITH CLEANOUT
- STORM SEWER W/MANHOLE & END SECTION
- ELECTRIC LINE
- TELECOMM CONDUIT
- FIRE SUPPRESSION/WATER LINE
- GAS SERVICE LINE
- STORM MANHOLES
- STORM INLETS
- STORM CURB INLETS
- AQUA-SWIRL UNITS
- SIGN
- WATER FITTING BENDS
- TAPPING SLEEVE
- WATER VALVE
- FIRE HYDRANT ASSEMBLIES
- FIRE DEPARTMENT CONNECTION
- PERMANENT CONSTRUCTION FENCE WITH SCREENING ON DRIVEN POSTS
- TEMPORARY CONSTRUCTION FENCE ON STANDS WITH SAND BAGS

EXISTING LEGEND

- POWERPOLE
- POWERPOLE W/RISER
- POWERPOLE W/LIGHT
- LIGHT POLE
- ELECTRIC METER
- ELECTRIC BOX
- YARD LIGHT
- GUIDE WIRE
- TELEPHONE MANHOLE
- TELEPHONE RISER
- WATER VALVE
- FIRE HYDRANT
- WELL
- WATER MANHOLE
- WATER METER
- GAS VALVE
- GAS VALVE
- CABLE TV RISER
- CLEANOUT
- SIGN
- MAILBOX
- STORM ROUND INLET
- STORM CURB INLET
- RIGHT-OF-WAY MARKER
- TREE, BUSH & STUMP
- TEMP. BENCHMARK
- MONUMENT FOUND
- CONTOURS
- PROPERTY LINE
- SECTION LINE
- RIGHT-OF-WAY
- EASEMENT
- ADJOINER LINE
- PAVEMENT LINE
- FIELD LINE
- PRIVACY FENCE
- CHAINLINK FENCE
- SPLIT RAIL FENCE
- WIRE FENCE
- DITCH
- GAS LINE
- TELEPHONE LINE
- WATER LINE
- CABLE TV LINE
- ELECTRIC LINE
- OVERHEAD UTILITY LINE
- TREE LINE
- SANITARY SEWER W/MANHOLE
- STORM SEWER W/ MANHOLE & END SECTION

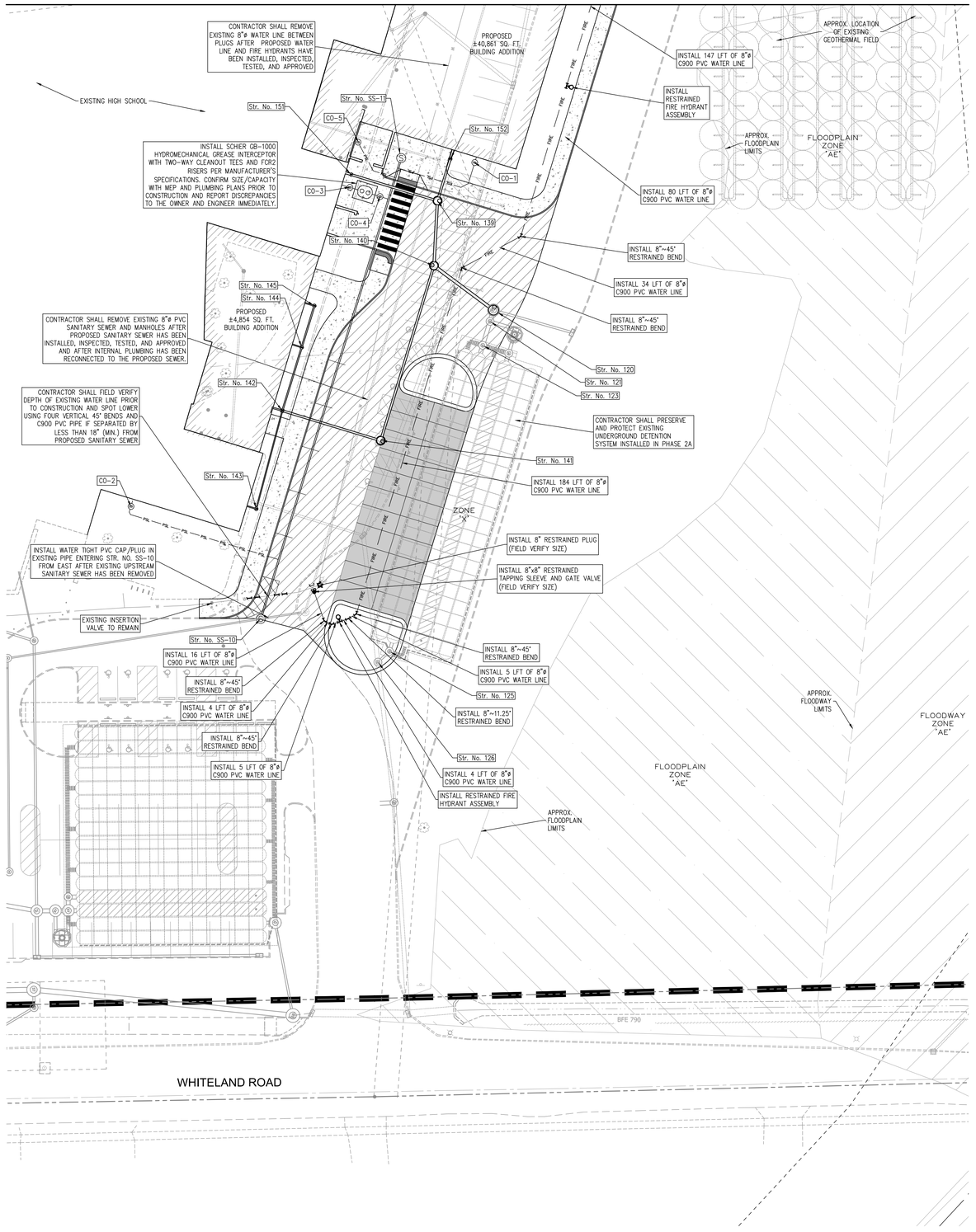
(D) DEED (M) MEASURE (PS) PLAT SURVEY

ASPHALT BUILDING CONCRETE GRAVEL

UTILITY NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLAGMAN, BARRELS, SIGNAGE, ETC. DURING CONSTRUCTION. ALL APPLICABLE M.U.T.C.D. STANDARDS SHALL GOVERN THIS WORK.
2. CONTRACTOR SHALL REFER TO THE ELECTRICAL SITE PLAN PREPARED BY PRIMARY ENGINEERING, INC. FOR PARKING LOT LIGHTING AND SPECIFICATIONS.
3. ALL STORM SEWER CASTINGS SHALL BE NPDES PHASE II COMPLIANT. CASTINGS SHALL BE MANUFACTURED WITH A STATEMENT SAYING: "DUMP NO WASTE, DRAINS TO RIVER" IN ½" RAISED LETTERS.
4. ALL FIELD TILES DISTURBED DURING CONSTRUCTION MUST BE REPAIRED/CONNECTED TO NEW STORMWATER FACILITIES.
5. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERGROUND STORMWATER DETENTION CHAMBERS DURING THE ENTIRE DURATION OF THE PROJECT. CONTRACTOR SHALL COORDINATE WITH ADVANCED DRAINAGE SOLUTIONS, INC. (ADS) TO DETERMINE THE MINIMUM COVER REQUIRED OVER THE EXISTING CHAMBERS DURING CONSTRUCTION, AS WELL AS, THE APPROPRIATE EQUIPMENT AND OPERATIONS TO PROTECT THE CHAMBERS.
6. WATER MAIN INSTALLATION AND MATERIALS SHALL CONFORM TO THE TOWN OF WHITELAND TYPICAL CONSTRUCTION GUIDELINES AND DETAILS.
7. TAPPING SLEEVES AND VALVES SHALL BE EJP OR MUELLER H-615, H-616 OR STAINLESS STEEL SLEEVES. TAPPING VALVES SHALL BE 2360 SERIES BY MEULLER OR AFC 2500.
8. FIRE HYDRANT ASSEMBLIES SHALL BE SUPER CENTURION 250 HYDRANT BY MEULLER CO. WITH STORZ FITTING ON STEAMER WITH 5"-6" MIN. BURIAL DEPTH.
9. ALL FITTINGS SHALL BE DUCTILE IRON (D.I.) WITH MECHANICAL JOINTS (M.J.) CONFORMING TO AWWA C-110, C-111, C-153, AND NSF-61. ALL WATER MAIN FITTINGS SHALL BE RESTRAINED IN ACCORDANCE WITH THE TOWN OF WHITELAND TYPICAL CONSTRUCTION GUIDELINES AND DETAILS.
10. MEGA-A-LUG RETAINER GLANDS BY EBBA IRON, INC. , FIELD-LOK GASKETS, OR ONE BOLT RESTRAINED FITTINGS SHALL BE USED ON EACH SIDE OF FITTINGS WHERE THE WATER MAIN CHANGES DIRECTION.
11. CONTRACTOR SHALL COORDINATE CONSTRUCTION SEQUENCE WITH THE OWNER AND SKILLMAN CORPORATION AND MAINTAIN ACTIVE UTILITY SERVICES AT ALL TIMES. ALL TEMPORARY UTILITY SERVICE INTERRUPTIONS MUST BE APPROVED BY THE OWNER AND SKILLMAN CORPORATION PRIOR TO INSTALLATION OF IMPROVEMENTS.
12. EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.
13. CONTRACTOR SHALL CONNECT ROOF DRAINS TO STORM STRUCTURES AS SHOWN. CONFIRM ROOF DRAIN LOCATIONS, DIAMETERS, AND INVERT ELEVATIONS EXITING THE BUILDING WITH THE MEP PLANS PRIOR TO CONSTRUCTION.
14. CONTRACTOR SHALL CONFIRM SANITARY LATERAL LOCATIONS, DIAMETERS, AND INVERT ELEVATIONS EXITING THE BUILDING WITH THE MEP PLANS PRIOR TO CONSTRUCTION.

MATCHLINE - SEE SHEET 402



STORM SEWER STRUCTURE TABLE

STR. DATA
STR. NO. 120 EXISTING STORM MANHOLE ADJUST CASTING TO GRADE MECHANICALLY CORE AND CONNECT 18" HDPE PIPE FROM STR. NO. 140 RIM=798.82 INV IN (12"~E)=792.36 INV IN (18"~NW)=792.92 INV OUT (24"~S)=791.36
STR. NO. 139 INSTALL TYPE 'C' MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL 33 LFT OF 15"ø HDPE PIPE @ 2.00% RIM=800.70 INV IN (12"~N)=796.15 INV IN (12"~W)=794.72 INV OUT (15"~S)=794.47
STR. NO. 140 INSTALL TYPE 'C' MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL AND 38 LFT OF 18"ø HDPE PIPE @ 1.70% RIM=800.24 INV IN (15"~N)=793.81 INV IN (12"~S)=794.42 INV OUT (18"~SE)=793.56
STR. NO. 141 INSTALL TYPE 'C' MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL AND 93 LFT OF 12"ø HDPE PIPE @ 1.00% RIM=799.30 INV IN (12"~W)=795.35 INV OUT (12"~N)=795.35
STR. NO. 142 INSTALL 15" NYLOPLAST BASIN WITH SOLID COVER AND 52 LFT OF 12"ø HDPE PIPE @ 1.00% RIM=801.55 INV IN (8"~W)=797.90 INV IN (6"~S)=797.07 INV IN (8"~N)=796.20 INV OUT (12"~E)=795.87

STORM SEWER STRUCTURE TABLE

STR. DATA
STR. NO. 143 INSTALL STORM SEWER CLEANOUT FOR ROOF DRAIN CONNECTION AND 52 LFT OF 6"ø SCH 40 PVC PIPE @ 2.96% RIM=800.39 INV IN (6"~W)=798.60 INV OUT (6"~N)=798.60
1 **STR. NO. 144** INSTALL STORM SEWER CLEANOUT FOR ROOF DRAIN CONNECTION AND 34 LFT OF 8"ø SCH 40 PVC PIPE @ 3.00% RIM=801.55 INV IN (6"~W)=798.60 INV IN (8"~N)=797.21 INV OUT (8"~S)=797.21
STR. NO. 145 INSTALL STORM SEWER CLEANOUT FOR ROOF DRAIN CONNECTION AND 22 LFT OF 8"ø SCH 40 PVC PIPE @ 3.00% RIM=801.60 INV IN (6"~W)=798.60 INV OUT (8"~S)=797.87
STR. NO. 151 INSTALL STORM SEWER CLEANOUT FOR ROOF DRAIN CONNECTION AND 46 LFT OF 12"ø SCH 40 PVC PIPE @ 2.01% RIM=801.63 INV IN (12"~W)=795.64 INV OUT (12"~E)=795.64
STR. NO. 152 INSTALL STORM SEWER CLEANOUT FOR ROOF DRAIN CONNECTION AND 22 LFT OF 12"ø SCH 40 PVC PIPE @ 2.02% RIM=801.47 INV IN (12"~N)=796.60 INV OUT (12"~S)=796.60

EXISTING STORM SEWER STRUCTURE TABLE

STR. DATA
STR. NO. 121 EXISTING STORM MANHOLE ADJUST CASTING TO GRADE PROP. RIM=798.69 EX. INV IN (24"~N)=791.31 EX. INV OUT (24"~S)=791.31 EX. INV IN (18"~E)=791.31
STR. NO. 123 EXISTING STORM MANHOLE ADJUST CASTING TO GRADE PROP. RIM=798.35 EX. INV IN (24"~N)=791.15 EX. INV IN (24"~E)=792.16 EX. INV IN (24"~W)=792.16 EX. INV OUT (24"~S)=791.15
STR. NO. 125 EXISTING STORM MANHOLE ADJUST CASTING TO GRADE PROP. RIM=797.24 EX. INV IN (18"~N)=791.10 EX. INV IN (18"~E)=791.10 EX. INV IN (6"~SE)=789.45 EX. INV IN (6"~NW)=789.45 EX. INV OUT (12"~SW)=789.45
STR. NO. 126 EXISTING STORM MANHOLE ADJUST CASTING TO GRADE PROP. RIM=797.01 EX. INV IN (12"~NE)=789.39 EX. INV IN (24"~N)=789.30 EX. INV OUT (24"~S)=789.30

SANITARY SEWER STRUCTURE TABLE

STR. DATA
STR. NO. SS-10 INSTALL SANITARY DOGHOUSE MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL RIM=797.30 INV IN (8"~N)=792.97 INV IN (8"~E)=792.87 INV OUT (8"~W)=792.87
STR. NO. SS-11 INSTALL SANITARY MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL AND 245 LFT OF 8"ø SDR-35 PVC PIPE @ 0.45% RIM=801.64 INV OUT (8"~S)=794.07

SANITARY SEWER LATERAL TABLE

INSTALL SANITARY SEWER CLEANOUT AND SDR-35 PVC SANITARY LATERAL AS INDICATED BELOW. MINIMUM SLOPE SHALL BE 1.04%. CONTRACTOR SHALL CONFIRM LATERAL CONNECTION LOCATIONS AND DEPTH/INVERT WITH PLUMBING PLANS

RUN	CO TYPE	DIAMETER	LENGTH	SLOPE	U.S. INV.	RIM EL.
CO-1	TYPE 1	6"	49'	2%	795.70	801.39
CO-2	TYPE 1	6"	83'	3.5%	797.20	801.39
CO-3	TYPE 2	6"	4'	2%	796.20	801.60
CO-4	TYPE 2	6"	5'	2%	795.70	801.23
CO-5	TYPE 2	6"	28'	2%	797.62	801.74
GB-1000	GB-1000	6"	5'	2%	795.80	801.42

NOTE: UPSTREAM (U.S.) INVERT ELEVATION OF THE SCHIER GB-1000 GREASE INTERCEPTOR CORRESPONDS TO THE INVERT ELEVATION OF THE 6" OUTLET FROM THE UNIT. RIM ELEVATION CORRESPONDS TO FINISHED GRADE ELEVATION AT THE CENTER OF THE UNIT.

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th Ave., Suite 200, Beech Grove, IN 46107 (317) 780-1555

SHEET 403

UTILITY PLAN

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	.	DRAWN	KLF	CHECKED	TEN	APPR.	GJI
DATE	AUGUST 30, 2024	DESIGNED	DMS			APPR.	GJI

REGISTERED DEREK M. SNYDER NO. 11200008 STATE OF INDIANA PROFESSIONAL ENGINEER

NO.	DATE	REVISIONS	BY	APPR.
1	09.24.24	REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS	DMS	GJI
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SHEET 403

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FILENAME : 403 UTILITY PLAN PH 2B.dwg
DATE/USER : 9/30/2024 10:05 AM / kfarg

30 0 30 60

SCALE: 1" = 30'

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

GRADING LEGEND

860.00 TOP OF CURB 859.50 EDGE OF PAVEMENT	PROPOSED ELEVATIONS
860.00 FINISH GRADE	
860.00 * 859.50 *	PROPOSED ELEVATIONS (TO BE FIELD VERIFIED)
860.00 *	
TOW=860.00	PROPOSED TOP OF RETAINING WALL ELEVATION
FOW=860.00	PROPOSED FINISHED GRADE ELEVATION AT FACE OF RETAINING WALL
FFE = XXX.XX	PROPOSED FINISHED FLOOR ELEVATION
	PROPOSED DRAINAGE SWALE
805	EXISTING CONTOURS
800	PROPOSED CONTOURS
GRADE BREAK	GRADE BREAK
	CURB HEIGHT TO TAPER FROM 0.5" TO 0.0" IN 6 LFT.

GRADING NOTES

1. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS IN FINAL GRADING OF SITE. NO INSTANCE SHALL DRAINAGE TOWARDS THE BUILDING FOUNDATION BE ALLOWED.
2. CONTRACTOR SHALL FIELD VERIFY EXISTING BUILDING FINISHED FLOOR, PAVEMENT, SIDEWALK, AND CURB ELEVATIONS AT ALL TIE IN LOCATIONS PRIOR TO CONSTRUCTION AND REPORT DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
3. ALL CURB RAMPS SHALL BE A.D.A. COMPLIANT AND THE LONGITUDINAL AND CROSS SLOPES SHALL NOT EXCEED THE MAXIMUM SLOPES IDENTIFIED ON THE MISCELLANEOUS DETAILS (SEE SHEET 900). CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF FIELDS CONDITIONS PREVENT CURB RAMPS FROM BEING CONSTRUCTED WITHOUT EXCEEDING MAXIMUM SLOPES.
4. THE FINISHED FLOOR ELEVATIONS (F.F.E.) SHOWN HEREON CORRESPOND TO EXISTING FINISHED FLOOR ELEVATIONS OF THE HIGH SCHOOL AND THE PROPOSED FINISHED FLOOR ELEVATIONS OF THE ADDITIONS AT THE EXTERIOR BUILDING ENTRIES WHICH ARE LABELED T/SLAB=0'-0" FOR UNITS 'P.1', 'P.2', 'P.3' AND 'P.4' (F.F.E. = 801.70) AND T/SLAB=+0'-5" FOR UNITS 'B' AND 'P.1' (F.F.E. = 802.12) ON THE FOUNDATION PLANS. CONTRACTOR SHALL CONFIRM ALL EXISTING AND PROPOSED FINISHED FLOOR ELEVATIONS PRIOR TO CONSTRUCTION AND REFER TO THE ARCHITECTURAL AND STRUCTURAL PLANS FOR INTERNAL CHANGES TO THE PROPOSED FINISHED FLOOR ELEVATION, CONCRETE SLAB AND STONE SUBBASE THICKNESS, SLAB SLOPES, AND ORCHESTRA PIT ELEVATIONS. CONTRACTOR SHALL REPORT DISCREPANCIES TO THE ARCHITECT AND ENGINEER IMMEDIATELY.
5. FACE OF WALL (FOW) ELEVATIONS SHOWN HEREON CORRESPOND TO THE FINISHED ASPHALT PAVEMENT, CONCRETE PAVEMENT, AND/OR DIRT GRADE AT THE FACE OF THE RETAINING WALL.
6. CONTRACTOR SHALL REFER TO THE PLANS PREPARED BY CONTEXT DESIGN, L.H.B., INC., AND/OR LANCER ASSOCIATES ARCHITECTURE FOR THE TYPICAL STEP DETAILS, RETAINING WALL DETAILS, SEAT WALL DETAILS, WALL SECTIONS, DIMENSIONS, FINISHES, FOUNDATIONS, AND HANDRAILS. CONTRACTOR SHALL CONFIRM WALL ELEVATIONS AND EXPOSURE HEIGHTS SHOWN HEREON WITH SAID PLANS PREPARED BY OTHERS AND REPORT DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

BENCHMARK INFORMATION

ORIGINATING BENCHMARK

DESIGNATION – X 13
PID – KA0010
STATE/COUNTY – IN/MORGAN
USGS QUAD – MOORESVILLE EAST (1980)

VERT ORDER – FIRST CLASS II

DESCRIBED BY COAST AND GEODETIC SURVEY 1946
1.2 MI N FROM WAVERLY.
IN JOHNSON COUNTY, 1.2 MILES NORTH ALONG STATE HIGHWAY 37 FROM THE INTERSECTION OF STATE HIGHWAY 144 AT WAVERLY, MORGAN COUNTY, 125 YARDS NORTH OF THE MORGAN–JOHNSON COUNTY LINE, 28 FEET WEST OF THE CENTERLINE OF THE HIGHWAY, IN LINE WITH THE WEST RIGHT-OF-WAY FENCE, 1.5 FEET SOUTH OF A WHITE WOODEN WITNESS POST, AND ABOUT 2 FEET HIGHER THAN THE HIGHWAY. A STANDARD DISK, STAMPED 686,370 X 13 1930 AND SET IN THE TOP OF A CONCRETE POST PROJECTING 7 INCHES ABOVE GROUND.

RECOVERY NOTE BY IN DEPT OF NAT RES 1985
NEW DESC– AT THE INTERSECTION OF NEW STATE ROAD 144 AND OLD STATE ROAD 37, IN THE SOUTHWEST QUARTER OF THE INTERSECTION, WITNESS POST IS GONE RIGHT-OF-WAY FENCE IS GONE, ALL OTHER INFORMATION APPEARS TO BE CORRECT.

ELEVATION = 685.94 (NAVD 88)

TBM #400
RR SPIKE SET IN E FACE OF PP# "P21063" LOCATED ±180' N OF "TRACT NORTH DRIVE" ±40' WEST OF "SAINT CHARLES WAY"
ELEV.=805.77

TBM #401
RR SPIKE SET IN E FACE OF PP# "P21042" LOCATED ±6' W OF "TRACY ST." ±40' S OF N PARKING LOT ENTRANCE @ "CLARK PLEASANT EMPLOYEE HEALTH & WELLNESS CENTER"
ELEV.=805.07

TBM #402
CUT BOX ON TOP OF CONC PEDESTAL FOR UP ON N EDGE OF CONC. LOCATED @ NE MOST CORNER OF PARKING LOT FOR "199 US-31 "BIG SPLASH CAR WASH"
ELEV.=806.18

TBM #403
SE MOST CORNER OF BOTTOM CONC STEP LOCATED @ SE CORNER OF "STUDIO 31 SALON" "43 N. US-31" ON E FACE OF BUILDING.
ELEV.=801.28

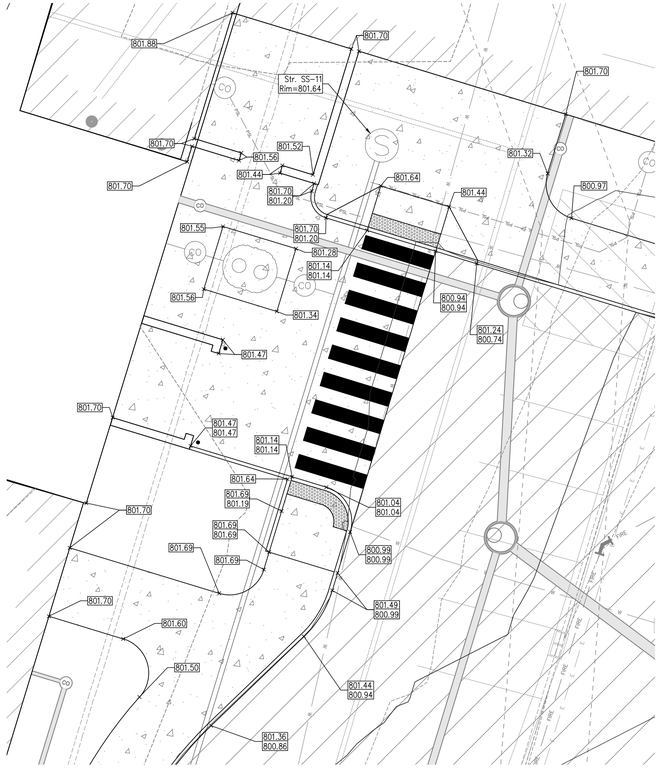
TBM #404
NE CORNER OF TOP CONC STEP CONNECTED TO LEAD WALK @ "239 E MAIN ST." LOCATED SE QUAD OF "E MAIN ST." & "TICHENOR LN."
ELEV.=799.80

TBM #405
RR SPIKE SET IN E FACE POWERPOLE, LOCATED ±5' S OF "E MAIN ST." & ±XX W OF DRIVE @ "399 E MAIN ST."
ELEV.=790.98

TBM #406
SW CORNER OF CONC PORCH @ "49 CENTER ST."
ELEV.=797.61

TBM #407
RR SPIKE SET IN S FACE OF PP# "P22C73". LOCATED ±5' E OF "CENTER ST." & ±150' N OF "CLEM ST."
ELEV.=800.07

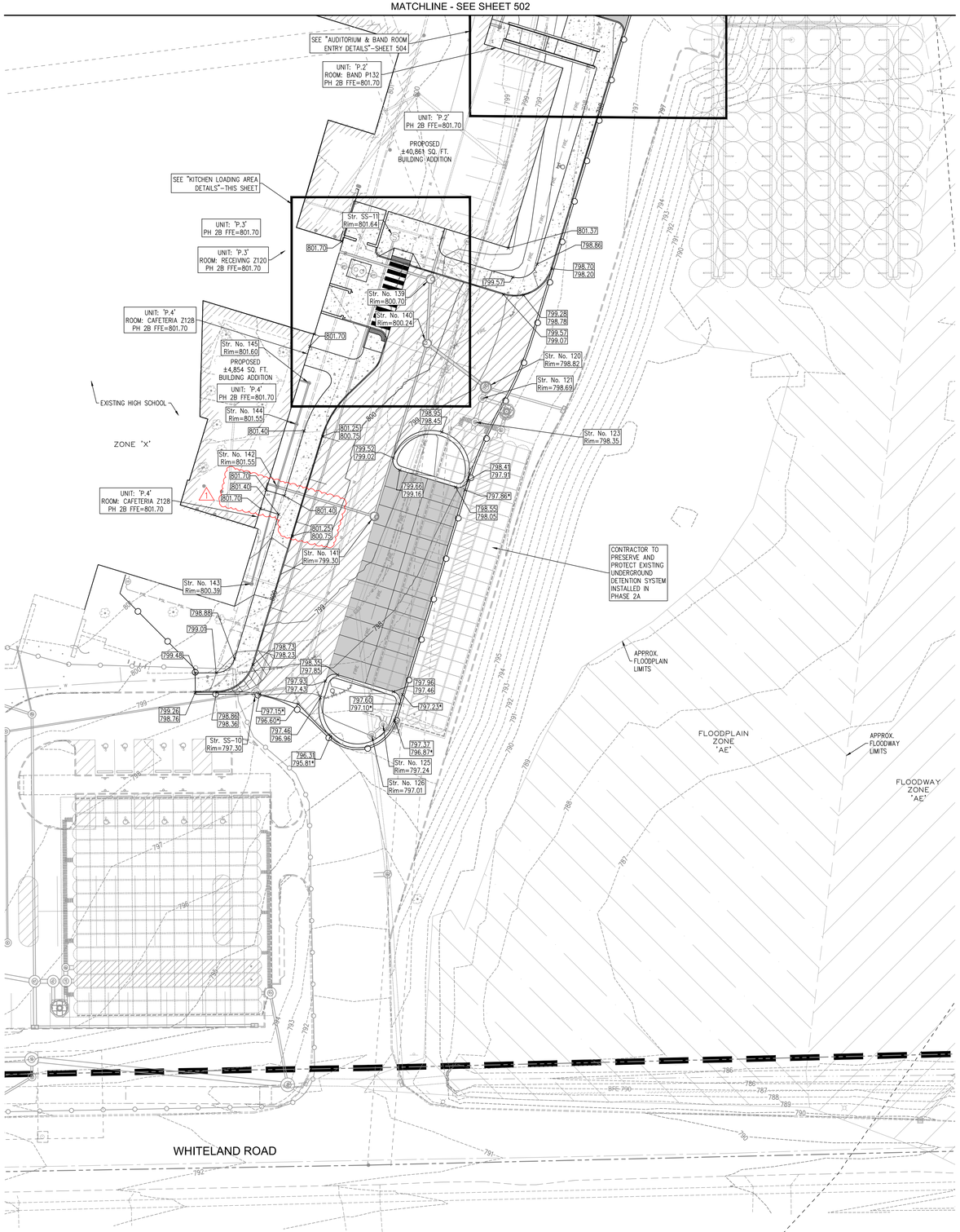
TBM #408
RR SPIKE SET IN E FACE OF POWER POLE. LOCATED @ SW CORNER OF PROPERTY OF "329 CHRISTINA DR."
ELEV.=800.89



KITCHEN LOADING DETAILS

SCALE: 1" = 10'

MATCHLINE - SEE SHEET 502



DIRECTORY PATH : D:\Active\Larsen+Riebe\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 503 GRADING PLAN PH 2B.dwg
DATE/USER : 9/30/2024 10:05 AM / Ndagy

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th AVE, BEECH GROVE, IN 46107 (317) 780-1555

SHEET 503

GRADING PLAN

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	-	DRAWN	KLF	CHECKED	TEN	APPR.	CJI
DATE	AUGUST 30, 2024	DESIGNED	DMS				

DEREK M. SNYDER REGISTERED PROFESSIONAL ENGINEER NO. 11200008 STATE OF INDIANA

NO.	DATE	REVISIONS	BY	APPR.
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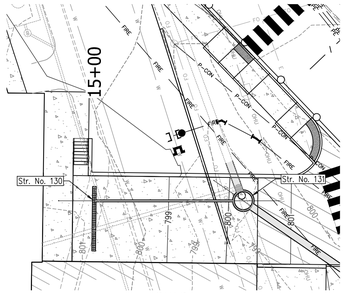
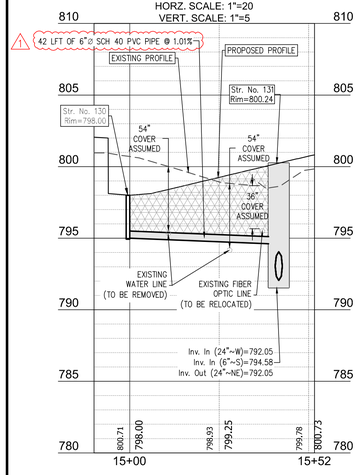
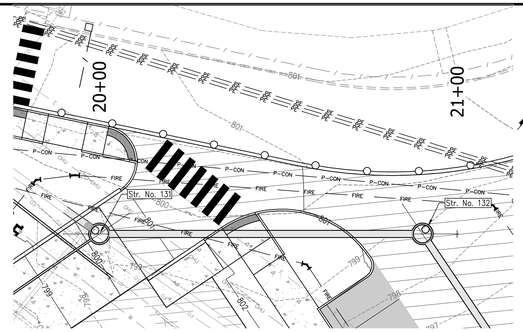
SHEET 503

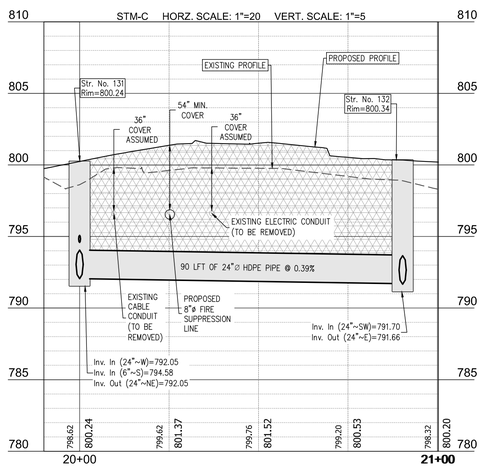


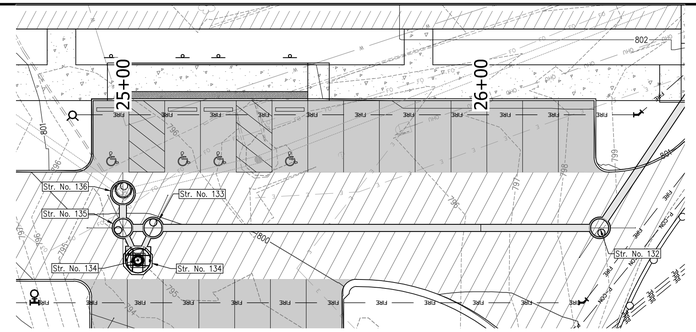
STM-B
HORZ. SCALE: 1"=20
VERT. SCALE: 1"=5



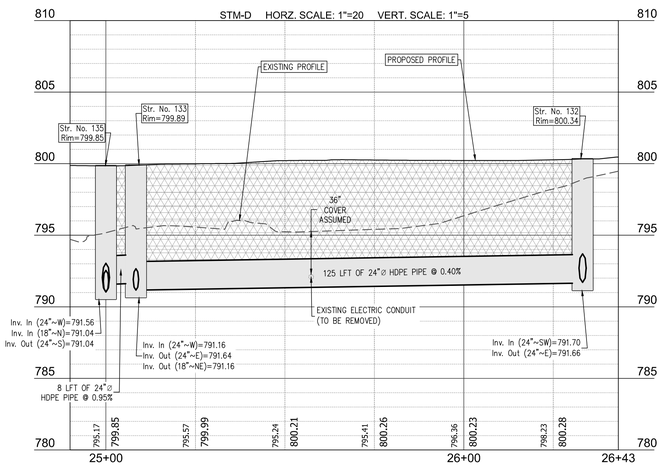


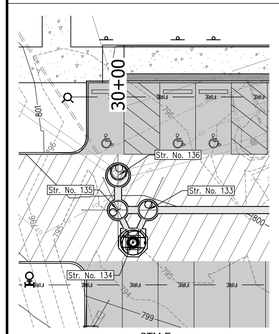
STM-C HORZ. SCALE: 1"=20 VERT. SCALE: 1"=5



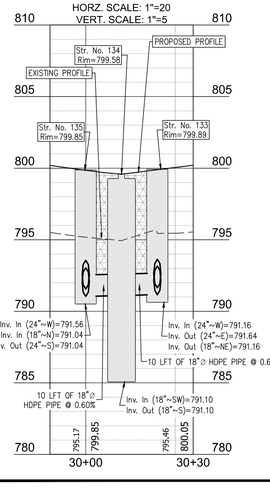


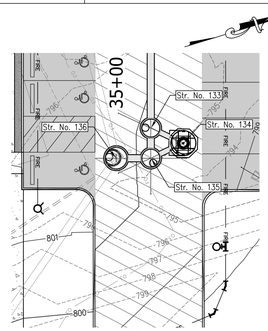
STM-D HORZ. SCALE: 1"=20 VERT. SCALE: 1"=5



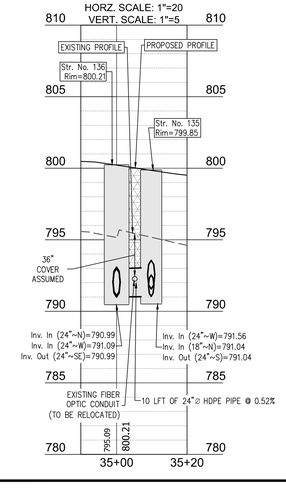


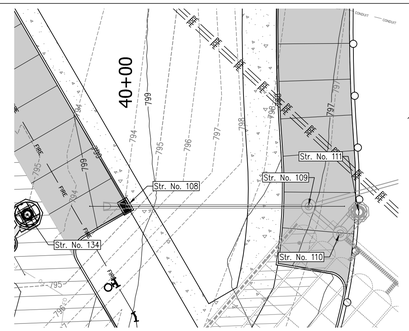
STM-E
HORZ. SCALE: 1"=20
VERT. SCALE: 1"=5



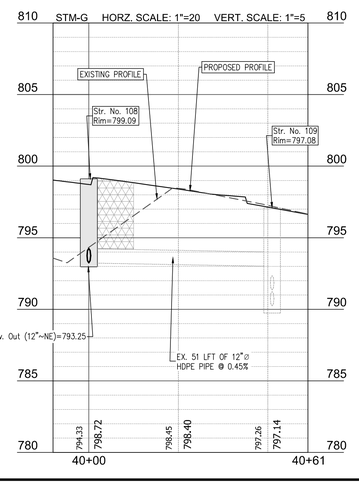


STM-F
HORZ. SCALE: 1"=20
VERT. SCALE: 1"=5





STM-G HORZ. SCALE: 1"=20 VERT. SCALE: 1"=5



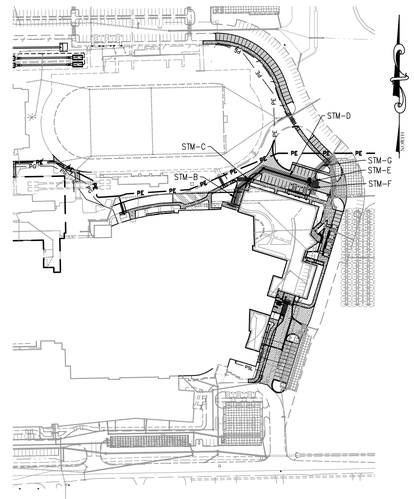
PROPOSED LEGEND

- PROPERTY LINE
- SECTION LINE
- PERMANENT FENCE
- DITCH LINE
- SANITARY SEWER WITH MANHOLE
- SANITARY SEWER LATERAL WITH CLEANOUT
- STORM SEWER W/MANHOLE & END SECTION
- ELECTRIC LINE
- TELECOMM CONDUIT
- FIRE SUPPRESSION/WATER LINE
- GAS SERVICE LINE
- STORM MANHOLES
- STORM INLETS
- STORM CURB INLETS
- AQUA-SWIRL UNITS
- SIGN
- WATER FITTING BENDS
- TAPPING SLEEVE
- WATER VALVE
- FIRE HYDRANT ASSEMBLIES
- FIRE DEPARTMENT CONNECTION
- PERMANENT CONSTRUCTION FENCE WITH SCREENING ON DRIVEN POSTS
- TEMPORARY CONSTRUCTION FENCE ON STANDS WITH SAND BAGS

DENOTES APPROXIMATE LIMITS OF GRANULAR BACKFILL TO BE COMPACTED TO 95% PROCTOR DENSITY IN 6" MAX LIFTS

20 0 20 40

SCALE: 1" = 20'



KEYMAP

NO SCALE

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

INDIANA 811 Dig Tip
Know what's below. Call before you dig.

DIRECTORY PATH : I:\Active\Lawson-Riebel\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 800 STORM PP PH 2B.dwg
DATE/USER : 9/30/2024 10:07 AM / KDog

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 S. 17th Ave. Suite 204 • Beech Grove, IN 46107 • (317) 780-1555

SHEET 800

STORM PLAN AND PROFILE

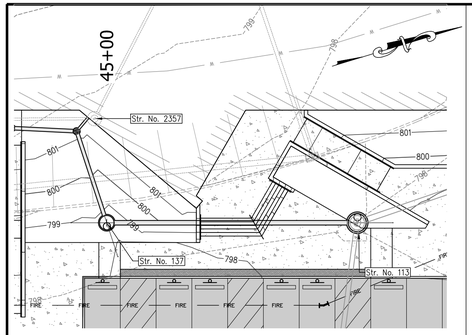
WHITELAND HIGH SCHOOL PHASE 2

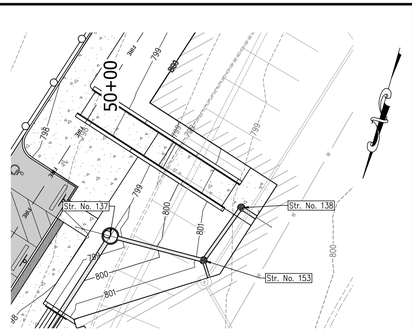
JOB No.	-	DRAWN	KLF	CHECKED	TEN	APPR.	GJI
DATE	AUGUST 30, 2024	DESIGNED	DMS				

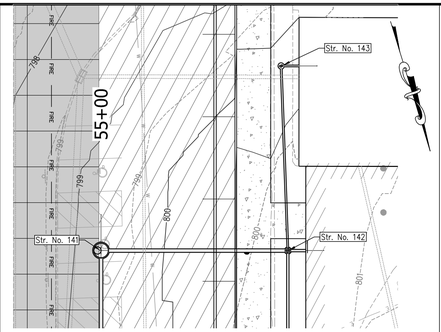
DEREK M. SNYDER REGISTERED NO. 11200008 STATE OF INDIANA PROFESSIONAL ENGINEER

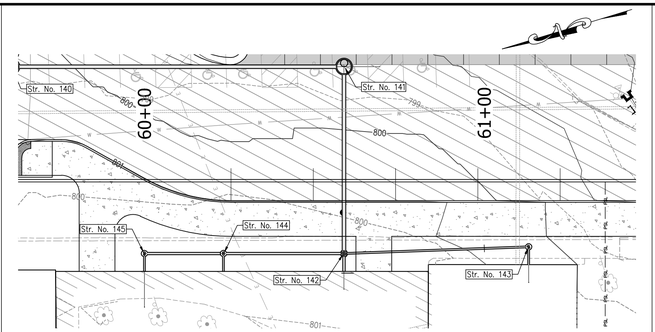
NO.	DATE	REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS	BY	APPR.
1	09.24.24		DMS	GJI
2				
3				
4				
5				
6				
7				
8				
9				

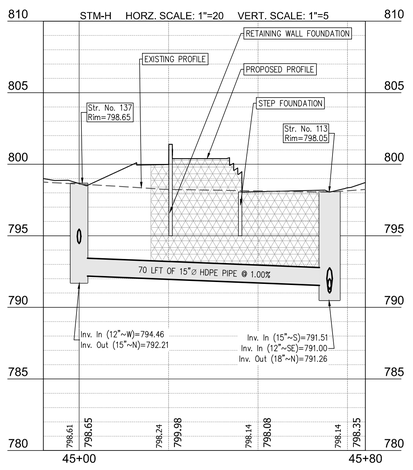
SHEET 800

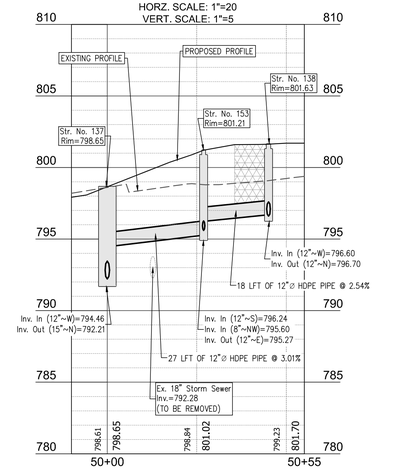


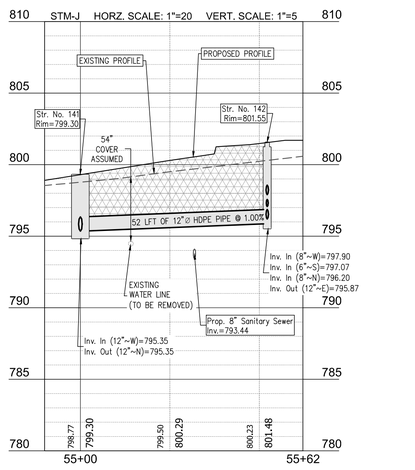


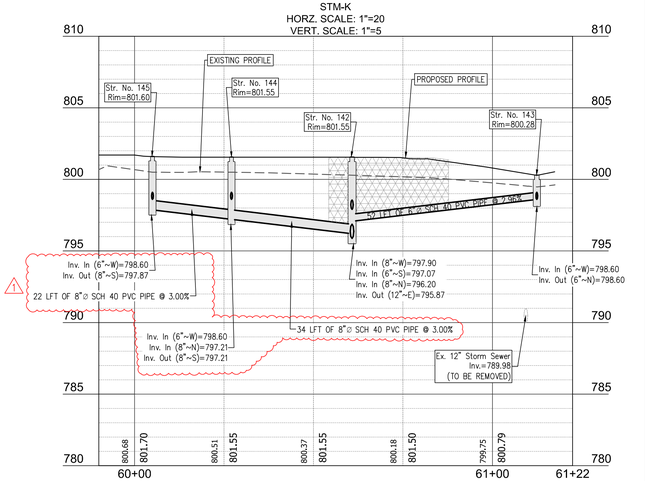












PROPOSED LEGEND

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- SANITARY SEWER WITH MANHOLE
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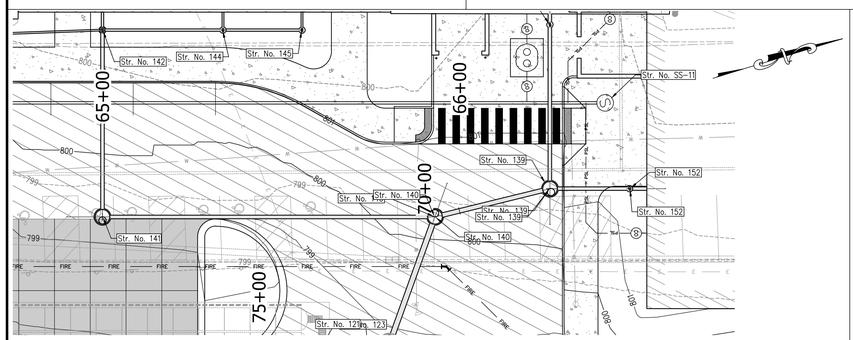
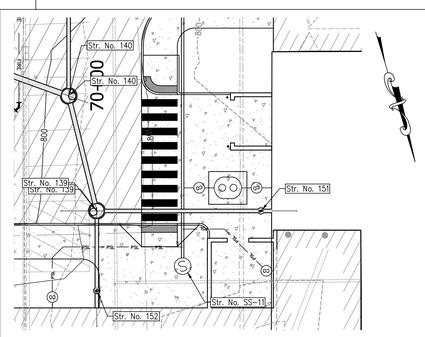
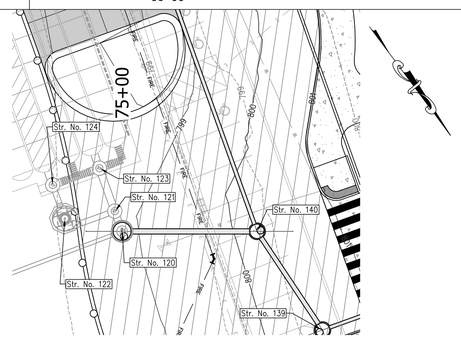
20 0 20 40

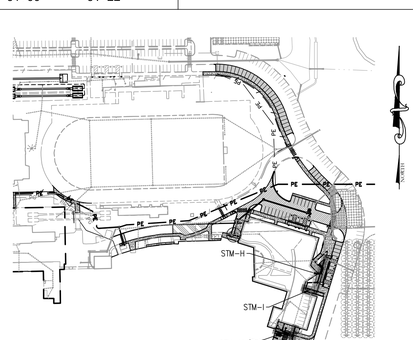
SCALE: 1" = 20'

DENOTES APPROXIMATE LIMITS OF GRANULAR BACKFILL TO BE COMPACTED TO 95% PROCTOR DENSITY IN 6" MAX LIFTS



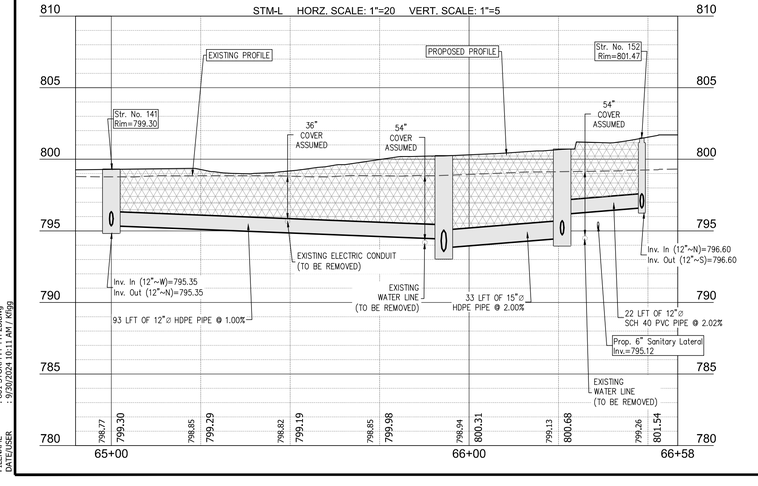


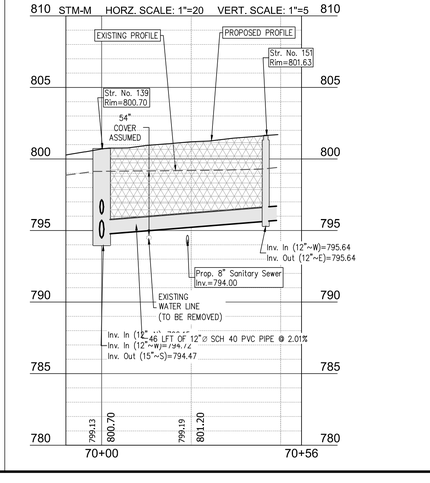


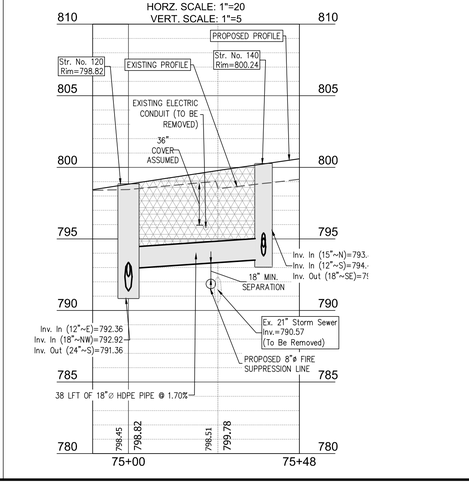


KEYMAP

NO SCALE







DIRECTORY PATH : R:\Active\Lawson+Reed\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 801 STORM PP PH 2B.dwg
DATE/USER : 9/30/2024 10:11 AM / KDag

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th Ave., Suite 200, Beech Grove, IN 46107 (317) 780-1555

SHEET 801

STORM PLAN AND PROFILE

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	DRAWN	CHECKED	APPR.
-	KLF	TEN	GJI

DATE	DESIGNED	DETAILED	CHECKED
AUGUST 30, 2024	DMS	-	-

DEREK M. SNYDER REGISTERED NO. 11200008 STATE OF INDIANA PROFESSIONAL ENGINEER

NO.	DATE	BY	APPR.
1	09.24.24	DMS	GJI
2			
3			
4			
5			
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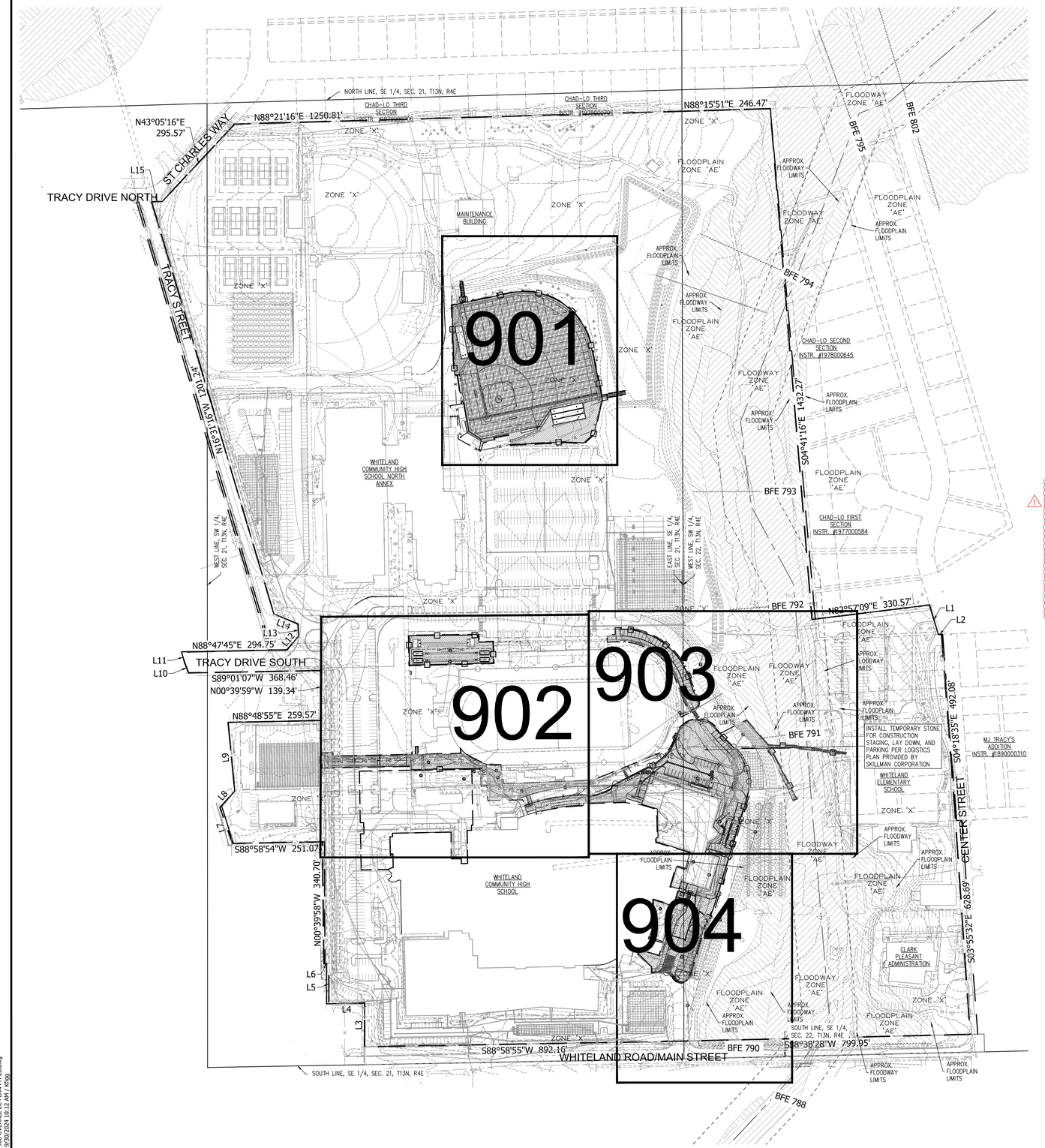
8			
9			

REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS

REVISIONS

SHEET 801

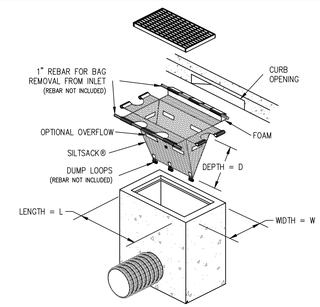


EROSION CONTROL LEGEND

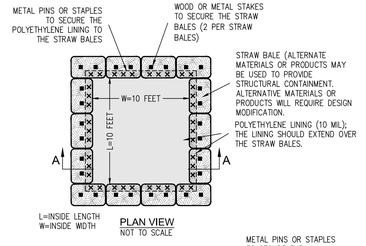
- MULCHED SEEDING
- TEMPORARY CONSTRUCTION ENTRANCE (SEE DETAIL-SHEET 903)
- ARTIFICIAL TURF (SEE CONTEXT PLANS)
- 800 — EXISTING CONTOURS
- 800 — PROPOSED CONTOURS
- SILT FENCE SLOPE CHECK (NUTEC 3 NWS-6 OR APPROVED EQUAL)
- CONSTRUCTION LIMITS
- (A) CURB INLET PROTECTION (SEE DETAIL-SHEET 900)
- (B) CONCRETE WASHOUT AREA (SEE DETAIL-SHEET 900)
- (C) FABRIC DROP INLET PROTECTION (SEE DETAIL-SHEET 900)
- (D) TRENCH DRAIN INLET PROTECTION (SEE DETAIL-SHEET 901)
- (E) RIPRAP OUTLET PROTECTION (SEE DETAIL-SHEET 901)

EROSION CONTROL NOTES

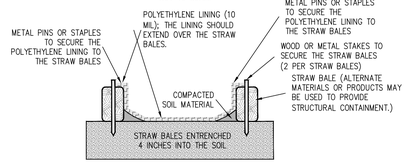
1. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE, COUNTY, OR LOCAL OFFICIALS.
2. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED IN THE FIELD BY THE INSPECTOR.
3. THERE SHALL BE NO DIRT, DEBRIS, OR STORAGE OF MATERIALS WITHIN EXISTING OR PROPOSED PARKING AREAS OR PUBLIC RIGHT-OF-WAY.
4. CONSTRUCTION STAGING AREA (TO BE DETERMINED BY CONTRACTOR) SHALL INCLUDE THE NOI POSTING, PORT-O-LETS, TRASH CONTAINERS, AND FUELING TANKS. CONTRACTOR SHALL NOT LOCATE STAGING AREA WITHIN PROPOSED PARKING LOTS.
5. A TRAINED INDIVIDUAL MUST PERFORM AN INSPECTION ONCE A WEEK AND AFTER EVERY ½" OR MORE RAIN EVENT. A LOG OF THE INSPECTION REPORTS MUST BE KEPT AND MADE AVAILABLE TO THE TOWN INSPECTOR UPON REQUEST.
6. CONTRACTOR SHALL STREET SWEEP AS NEEDED AND IN ACCORDANCE WITH THE FRONT END DOCUMENTS/SPECIFICATIONS PREPARED BY THE SKILLMAN CORPORATION.



SILTSACK INLET FILTER DETAIL (A)
NOT TO SCALE

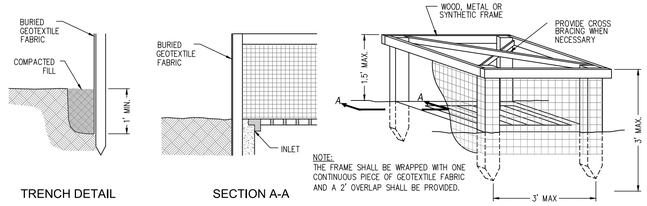


PLAN VIEW
NOT TO SCALE

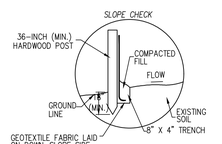


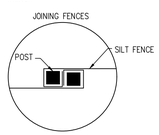
SECTION A-A
NOT TO SCALE

CONCRETE WASHOUT DETAIL (B)
NOT TO SCALE

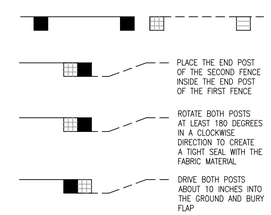


FABRIC DROP INLET PROTECTION DETAIL (C)
NOT TO SCALE





SILT FENCE DETAIL
NOT TO SCALE



ATTACHING TWO SILT FENCES

ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE, CITY OR COUNTY OFFICIALS

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

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

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th AVE. BEECH GROVE, IN 46107 (317) 780-1555

SHEET 900

OVERALL EROSION CONTROL PLAN

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	.	DRAWN	KLF	CHECKED	TEN
DATE	AUGUST 30, 2024	DESIGNED	DMS	APPR.	GJI

REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS

NO.	DATE	BY	APPR.
1	09.24.24	DMS	GJI
2			
3			
4			
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8			
9			

REGISTERED DEREK M. SNYDER NO. 11200008 STATE OF INDIANA PROFESSIONAL ENGINEER

SHEET 900

DIRECTORY PATH : R:\Active\Lenox+Blade\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 900 OVERALL EC PLAN PH 2B.dwg
DATE/USER : 9/30/2024 10:12 AM / KDigg

ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE, CITY OR COUNTY OFFICIALS

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

30 0 30 60

SCALE: 1" = 30'
EXISTING CONTOUR INTERVAL = 1'
PROPOSED CONTOUR INTERVAL = 1'

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

EROSION CONTROL LEGEND

- MULCHED SEEDING
- TEMPORARY CONSTRUCTION ENTRANCE (SEE DETAIL-SHEET 903)
- ARTIFICIAL TURF (SEE CONTEXT PLANS)
- 800 — EXISTING CONTOURS
- 800 — PROPOSED CONTOURS
- SILT FENCE SLOPE CHECK (NUTEC 3 NWS-6 OR APPROVED EQUAL)
- CONSTRUCTION LIMITS
- (A) CURB INLET PROTECTION (SEE DETAIL-SHEET 900)
- (B) CONCRETE WASHOUT AREA (SEE DETAIL-SHEET 900)
- (C) FABRIC DROP INLET PROTECTION (SEE DETAIL-SHEET 900)
- (D) TRENCH DRAIN INLET PROTECTION (SEE DETAIL-SHEET 901)
- (E) RIPRAP OUTLET PROTECTION (SEE DETAIL-SHEET 901)

EROSION CONTROL NOTES

1. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE, COUNTY, OR LOCAL OFFICIALS.
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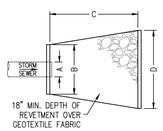
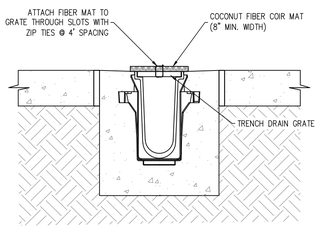
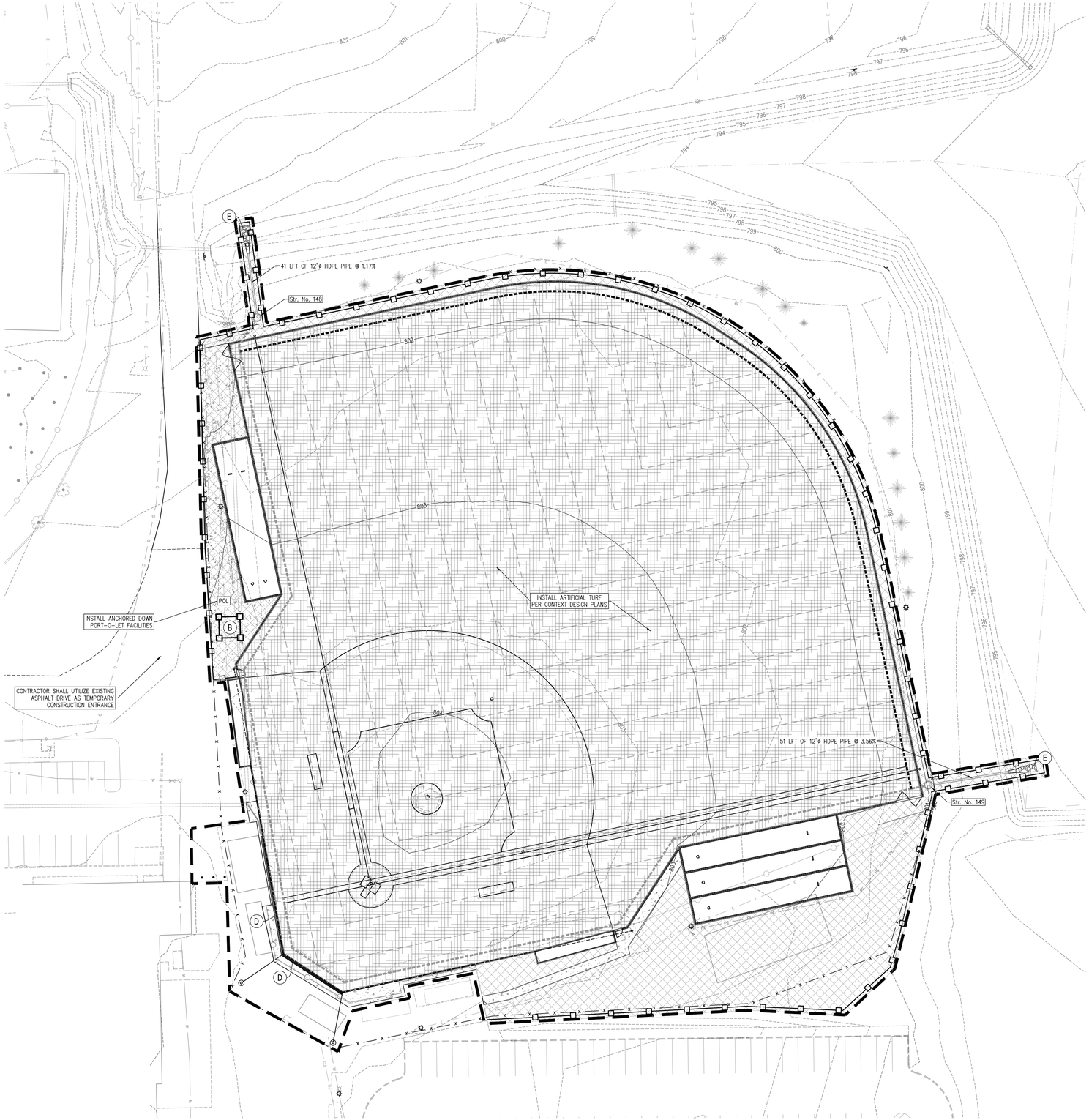


END SECTION RIPRAP APRON DIMENSIONS
NOT TO SCALE

PIPE OUTLET NO.	A	B	C	D	REVETMENT (TONS)	GEOTEXTILE (SYS)
148	12"	3'	10'	5'	3	5
149	12"	3'	10'	5'	3	5



TRENCH DRAIN INLET PROTECTION DETAIL
NOT TO SCALE



CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th Ave., Suite 200, Beech Grove, IN 46107 (317) 780-1555

SHEET 901

EROSION CONTROL PLAN

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	-	DRAWN	KLF	CHECKED	TEN	APPR.	GJI
DATE	AUGUST 30, 2024	DESIGNED	DMS				

REGISTERED DEREK M. SNYDER NO. 11200008 STATE OF INDIANA PROFESSIONAL ENGINEER

NO.	DATE	REVISIONS	BY	APPR.
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2				
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SHEET 901

DIRECTORY PATH : R:\Active\Johnson+Blade\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 901 EROSION CONTROL PLAN PH 2B.dwg
DATE/USER : 9/30/2024 10:15 AM / KDigg

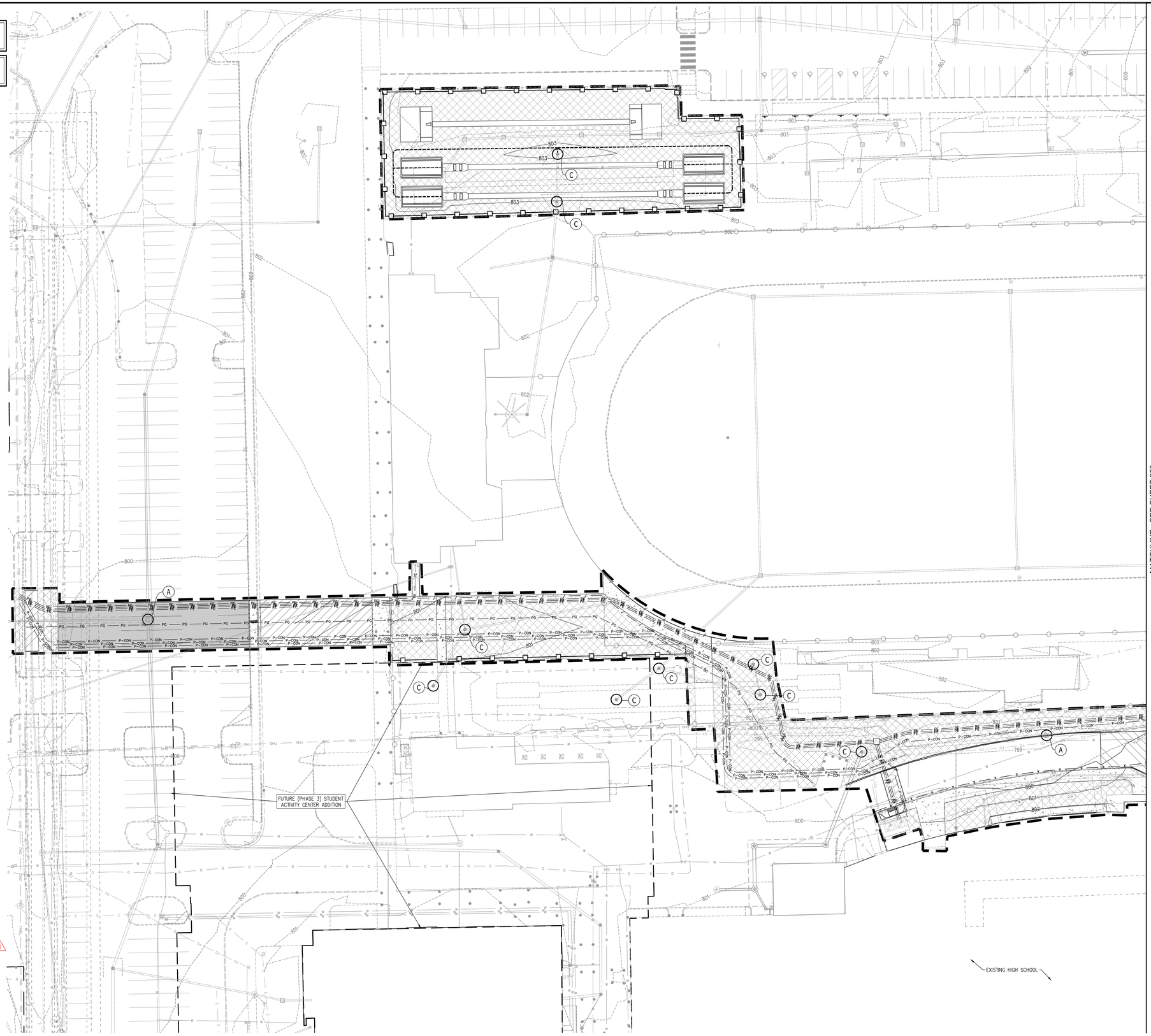
30 0 30 60

SCALE: 1" = 30'
EXISTING CONTOUR INTERVAL = 1'
PROPOSED CONTOUR INTERVAL = 1'

ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE, CITY OR COUNTY OFFICIALS

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

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



EROSION CONTROL LEGEND

- MULCHED SEEDING
- TEMPORARY CONSTRUCTION ENTRANCE (SEE DETAIL–SHEET 903)
- ARTIFICIAL TURF (SEE CONTEXT PLANS)
- 800 EXISTING CONTOURS
- 800 PROPOSED CONTOURS
- SILT FENCE SLOPE CHECK (NUTEC 3 NWS–6 OR APPROVED EQUAL)
- CONSTRUCTION LIMITS
- (A) CURB INLET PROTECTION (SEE DETAIL–SHEET 900)
- (B) CONCRETE WASHOUT AREA (SEE DETAIL–SHEET 900)
- (C) FABRIC DROP INLET PROTECTION (SEE DETAIL–SHEET 900)
- (D) TRENCH DRAIN INLET PROTECTION (SEE DETAIL–SHEET 901)
- (E) RIPRAP OUTLET PROTECTION (SEE DETAIL–SHEET 901)

EROSION CONTROL NOTES

1. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE, COUNTY, OR LOCAL OFFICIALS.
2. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED IN THE FIELD BY THE INSPECTOR.
3. THERE SHALL BE NO DIRT, DEBRIS, OR STORAGE OF MATERIALS WITHIN EXISTING OR PROPOSED PARKING AREAS OR PUBLIC RIGHT–OF–WAY.
4. CONSTRUCTION STAGING AREA (TO BE DETERMINED BY CONTRACTOR) SHALL INCLUDE THE NOI POSTING, PORT–O–LETS, TRASH CONTAINERS, AND FUELING TANKS. CONTRACTOR SHALL NOT LOCATE STAGING AREA WITHIN PROPOSED PARKING LOTS.
5. A TRAINED INDIVIDUAL MUST PERFORM AN INSPECTION ONCE A WEEK AND AFTER EVERY ½" OR MORE RAIN EVENT. A LOG OF THE INSPECTION REPORTS MUST BE KEPT AND MADE AVAILABLE TO THE TOWN INSPECTOR UPON REQUEST.
6. CONTRACTOR SHALL STREET SWEEP AS NEEDED AND IN ACCORDANCE WITH THE FRONT END DOCUMENTS/SPECIFICATIONS PREPARED BY THE SKILLMAN CORPORATION.

DIRECTORY PATH : R:\Active\Carson Riedel\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 902 EROSION CONTROL PLAN PH 2B.dwg
DATE/USER : 9/30/2024 10:15 AM / Xfrg

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th AVE. BEECH GROVE, IN 46107 (317) 780-1555

SHEET 902

EROSION CONTROL PLAN

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	.	DRAWN	KLF	CHECKED	TEN	APPR.	CJI
DATE	AUGUST 30, 2024	DESIGNED	DMS				

DEREK M. SNYDER REGISTERED NO. 11200008 STATE OF INDIANA PROFESSIONAL ENGINEER

NO.	DATE	REVISIONS	BY	APPR.
1	09.24.24	REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS	DMS	CJI
2				
3				
4				
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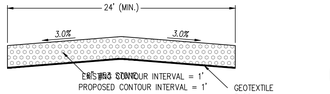
SHEET 902

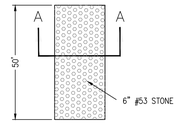
ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE, CITY OR COUNTY OFFICIALS

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

30 0 30 60
SCALE: 1" = 30'

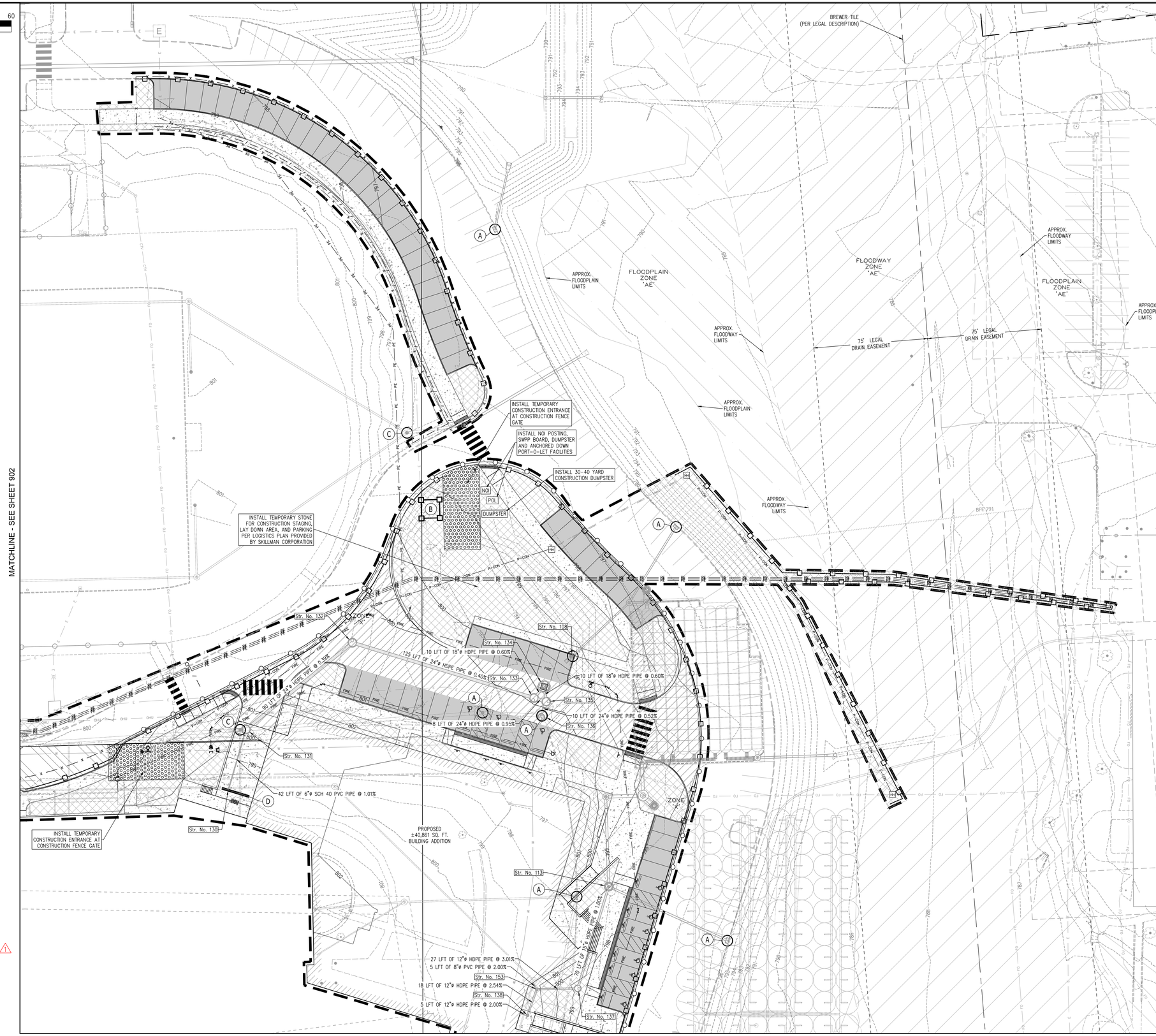


SECTION A-A



TEMPORARY CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE

INDIANA 811 Dig Now. Know what's below. Call before you dig.



MATCHLINE - SEE SHEET 902

MATCHLINE - SEE SHEET 904

EROSION CONTROL LEGEND

- MULCHED SEEDING
- TEMPORARY CONSTRUCTION ENTRANCE (SEE DETAIL-SHEET 903)
- ARTIFICIAL TURF (SEE CONTEXT PLANS)
- 800 — EXISTING CONTOURS
- 800 — PROPOSED CONTOURS
- SILT FENCE SLOPE CHECK (NUTEC 3 NWS-6 OR APPROVED EQUAL)
- CONSTRUCTION LIMITS
- (A) CURB INLET PROTECTION (SEE DETAIL-SHEET 900)
- (B) CONCRETE WASHOUT AREA (SEE DETAIL-SHEET 900)
- (C) FABRIC DROP INLET PROTECTION (SEE DETAIL-SHEET 900)
- (D) TRENCH DRAIN INLET PROTECTION (SEE DETAIL-SHEET 901)
- (E) RIPRAP OUTLET PROTECTION (SEE DETAIL-SHEET 901)

EROSION CONTROL NOTES

1. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE, COUNTY, OR LOCAL OFFICIALS.
2. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED IN THE FIELD BY THE INSPECTOR.
3. THERE SHALL BE NO DIRT, DEBRIS, OR STORAGE OF MATERIALS WITHIN EXISTING OR PROPOSED PARKING AREAS OR PUBLIC RIGHT-OF-WAY.
4. CONSTRUCTION STAGING AREA (TO BE DETERMINED BY CONTRACTOR) SHALL INCLUDE THE NOI POSTING, PORT-O-LETS, TRASH CONTAINERS, AND FUELING TANKS. CONTRACTOR SHALL NOT LOCATE STAGING AREA WITHIN PROPOSED PARKING LOTS.
5. A TRAINED INDIVIDUAL MUST PERFORM AN INSPECTION ONCE A WEEK AND AFTER EVERY ½" OR MORE RAIN EVENT. A LOG OF THE INSPECTION REPORTS MUST BE KEPT AND MADE AVAILABLE TO THE TOWN INSPECTOR UPON REQUEST.
6. CONTRACTOR SHALL STREET SWEEP AS NEEDED AND IN ACCORDANCE WITH THE FRONT END DOCUMENTS/SPECIFICATIONS PREPARED BY THE SKILLMAN CORPORATION.

DIRECTORY PATH : I:\Active\Larson-Beibel\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 903 EROSION CONTROL PLAN PH 2B.dwg
DATE/USER : 9/30/2024 10:17 AM / KKipp

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Transportation & Development Consultants
115 N. 17th Ave., Suite 200, Beech Grove, IN 46107 (317) 780-1555

EROSION CONTROL PLAN

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	.	DRAWN	KLF	CHECKED	TEN	APPR.	GJI
DATE	AUGUST 30, 2024	DESIGNED	DMS				

SHEET 903

REGISTERED ENGINEER
DEREK M. SNYDER
NO. 11200008
STATE OF INDIANA
PROFESSIONAL

NO.	DATE	REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS	BY	APPR.
1	09.24.24		DMS	GJI
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SHEET 903

ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE, CITY OR COUNTY OFFICIALS

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

30 0 30 60

SCALE: 1" = 30'
EXISTING CONTOUR INTERVAL = 1'
PROPOSED CONTOUR INTERVAL = 1'

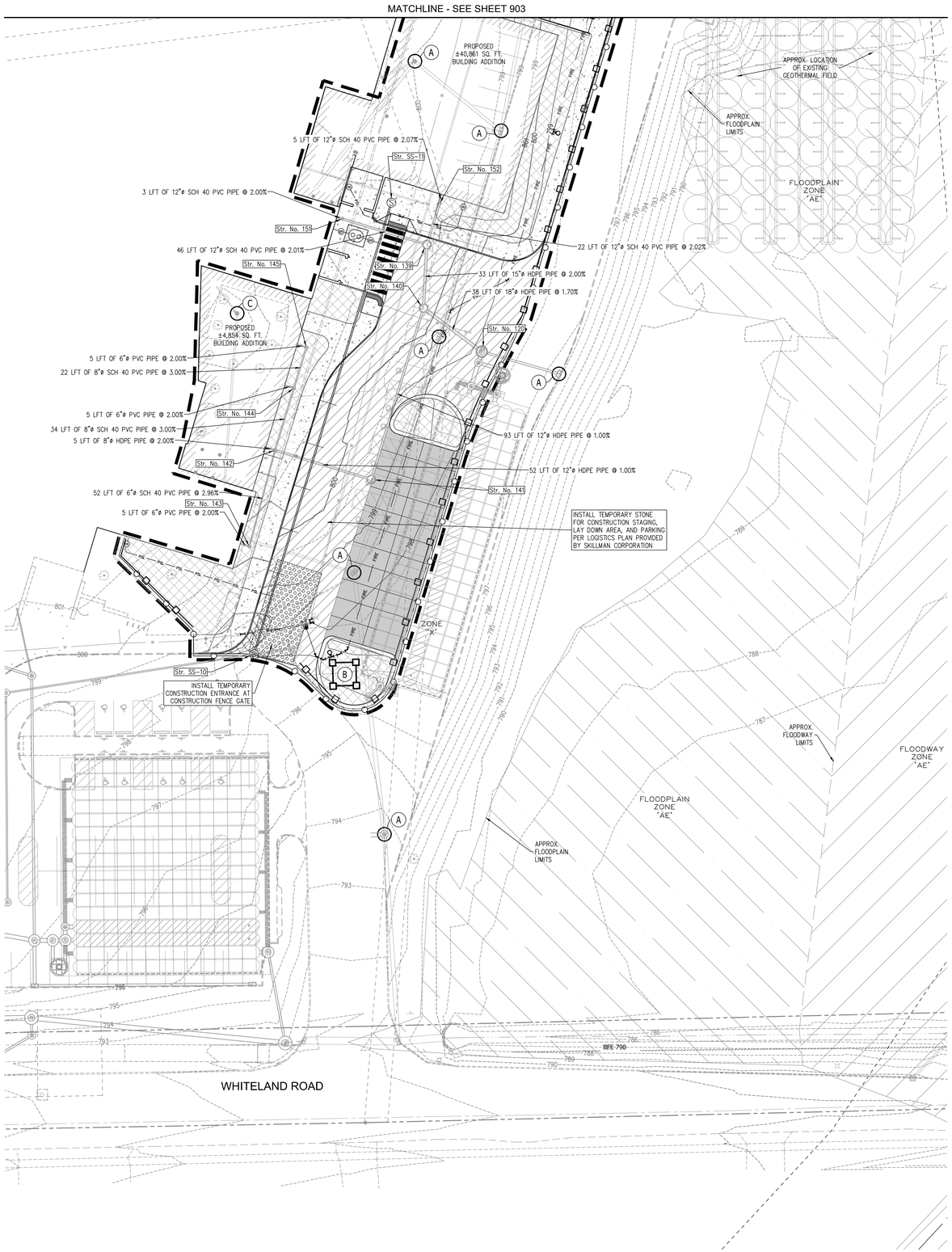
INDIANA 811 Know what's below. Call before you dig

EROSION CONTROL NOTES

1. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE, COUNTY, OR LOCAL OFFICIALS.
2. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED IN THE FIELD BY THE INSPECTOR.
3. THERE SHALL BE NO DIRT, DEBRIS, OR STORAGE OF MATERIALS WITHIN EXISTING OR PROPOSED PARKING AREAS OR PUBLIC RIGHT-OF-WAY.
4. CONSTRUCTION STAGING AREA (TO BE DETERMINED BY CONTRACTOR) SHALL INCLUDE THE NOI POSTING, PORT-O-LETS, TRASH CONTAINERS, AND FUELING TANKS. CONTRACTOR SHALL NOT LOCATE STAGING AREA WITHIN PROPOSED PARKING LOTS.
5. A TRAINED INDIVIDUAL MUST PERFORM AN INSPECTION ONCE A WEEK AND AFTER EVERY ½" OR MORE RAIN EVENT. A LOG OF THE INSPECTION REPORTS MUST BE KEPT AND MADE AVAILABLE TO THE TOWN INSPECTOR UPON REQUEST.
6. CONTRACTOR SHALL STREET SWEEP AS NEEDED AND IN ACCORDANCE WITH THE FRONT END DOCUMENTS/SPECIFICATIONS PREPARED BY THE SKILLMAN CORPORATION.

EROSION CONTROL LEGEND

- MULCHED SEEDING
- TEMPORARY CONSTRUCTION ENTRANCE (SEE DETAIL-SHEET 903)
- ARTIFICIAL TURF (SEE CONTEXT PLANS)
- 800 — EXISTING CONTOURS
- 800 — PROPOSED CONTOURS
- SILT FENCE SLOPE CHECK (NUTEC 3 NWS-6 OR APPROVED EQUAL)
- CONSTRUCTION LIMITS
- (A) CURB INLET PROTECTION (SEE DETAIL-SHEET 900)
- (B) CONCRETE WASHOUT AREA (SEE DETAIL-SHEET 900)
- (C) FABRIC DROP INLET PROTECTION (SEE DETAIL-SHEET 900)
- (D) TRENCH DRAIN INLET PROTECTION (SEE DETAIL-SHEET 901)
- (E) RIPRAP OUTLET PROTECTION (SEE DETAIL-SHEET 901)



DIRECTORY PATH : I:\Active\Lance-Roebel\Whiteland High School\Design\CAD\Plans\PHASE 2B
FILENAME : 904 EROSION CONTROL PLAN PH 2B.dwg
DATE/USER : 9/30/2024 10:18 AM / KStigg

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th Ave., Suite 200, Beech Grove, IN 46107 (317) 780-1555

SHEET 904

EROSION CONTROL PLAN

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	-	DRAWN	KLF	CHECKED	TEN	APPR.	GJI
DATE	AUGUST 30, 2024	DESIGNED	DMS				

REGISTERED DEREK M. SNYDER NO. 11200008 STATE OF INDIANA PROFESSIONAL ENGINEER

NO.	DATE	REVISIONS	BY	APPR.
1	09.24.24	REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS	DMS	GJI
2				
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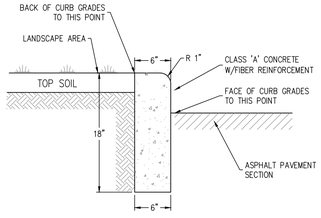
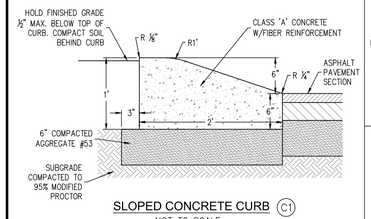
SHEET 904

GENERAL NOTES:
1. CURB SHALL HAVE ½" EXPANSION JOINTS AT 40' MAX. AND AT ENDS OF RADII UNLESS OTHERWISE NOTED. SAWN CONTROL JOINTS SHALL BE AT 8' MAX. UNLESS OTHERWISE NOTED.
2. REFER TO SPECIFICATIONS FOR FIBER REINFORCEMENT/ADDITIVE REQUIREMENTS.

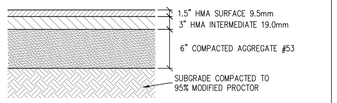


STRAIGHT CONCRETE CURB (C)
NOT TO SCALE

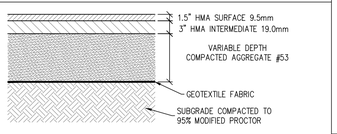
GENERAL NOTES:
1. CURB SHALL HAVE ½" EXPANSION JOINTS AT 40' MAX., AT ENDS OF RADII, AND AT BEGINNING AND END OF TRANSITIONS FROM STRAIGHT CURB TO SLOPED CURB UNLESS OTHERWISE NOTED. SAWN CONTROL JOINTS SHALL BE AT 8' MAX. UNLESS OTHERWISE NOTED.
2. REFER TO SPECIFICATIONS FOR FIBER REINFORCEMENT/ADDITIVE REQUIREMENTS.



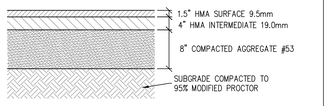
SLOPED CONCRETE CURB (C1)
NOT TO SCALE



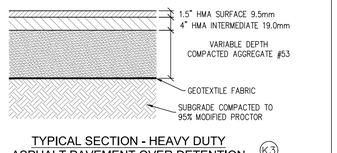
TYPICAL SECTION
LIGHT DUTY ASPHALT PAVEMENT (K)
NOT TO SCALE



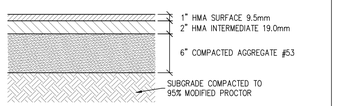
TYPICAL SECTION - LIGHT DUTY
ASPHALT PAVEMENT OVER DETENTION (K1)
NOT TO SCALE



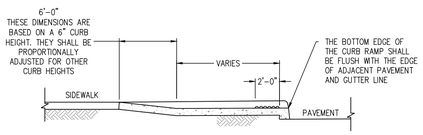
HEAVY DUTY
ASPHALT PAVEMENT (K2)
NOT TO SCALE



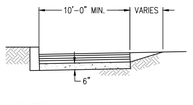
TYPICAL SECTION - HEAVY DUTY
ASPHALT PAVEMENT OVER DETENTION (K3)
NOT TO SCALE



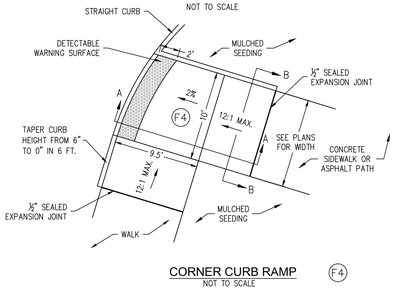
TYPICAL SECTION - ASPHALT PATH (P)
NOT TO SCALE



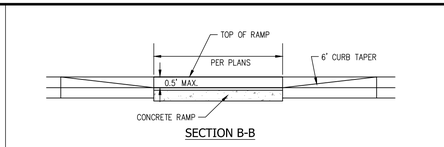
SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE

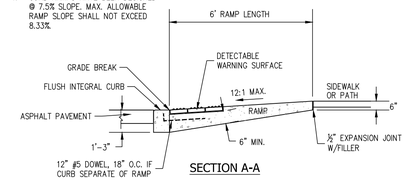


CORNER CURB RAMP (F4)
NOT TO SCALE

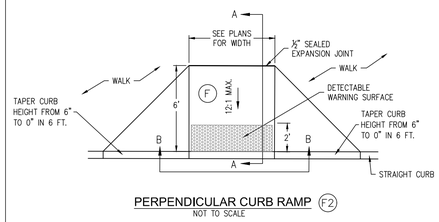


SECTION B-B
NOT TO SCALE

GENERAL NOTES:
1. CURB RAMPS HAVE BEEN DESIGNED @ 7.5% SLOPE, MAX. ALLOWABLE RAMP SLOPE SHALL NOT EXCEED 8.33%.

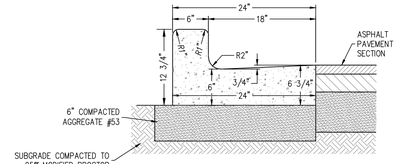


SECTION A-A
NOT TO SCALE

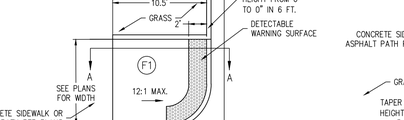


PERPENDICULAR CURB RAMP (F2)
NOT TO SCALE

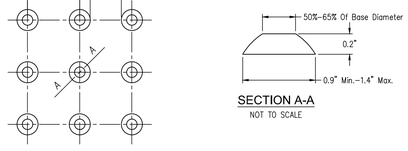
GENERAL NOTES:
1. CURB SHALL HAVE ½" EXPANSION JOINTS AT 40' MAX., AT ENDS OF RADII, AND AT BEGINNING AND END OF TRANSITIONS FROM STRAIGHT CURB TO SLOPED CURB UNLESS OTHERWISE NOTED. SAWN CONTROL JOINTS SHALL BE AT 8' MAX. UNLESS OTHERWISE NOTED.
2. REFER TO SPECIFICATIONS FOR FIBER REINFORCEMENT/ADDITIVE REQUIREMENTS.



CONCRETE CURB AND GUTTER (C2)
NOT TO SCALE



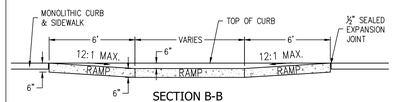
BRICK DETECTABLE WARNING SURFACE W/CONCRETE BORDER
NOT TO SCALE



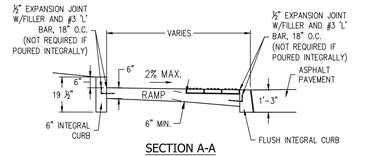
SECTION A-A
NOT TO SCALE

DETECTABLE WARNING ELEMENT - TRUNCATED DOMES
NOT TO SCALE

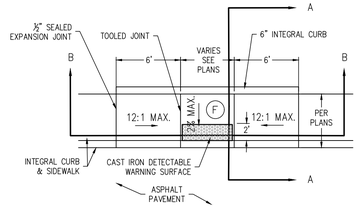
GENERAL NOTES:
1. CURB RAMPS HAVE BEEN DESIGNED @ 7.5% SLOPE. MAX. ALLOWABLE RAMP SLOPE SHALL NOT EXCEED 8.33%.
2. DETECTABLE WARNING SURFACES SHALL BE CAST IRON INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
3. NO BACK OF RAMP INTEGRAL CURB SHALL BE INSTALLED AT THE PARALLEL RAMP ADJACENT TO THE AUDITORIUM ENTRY STAIRS



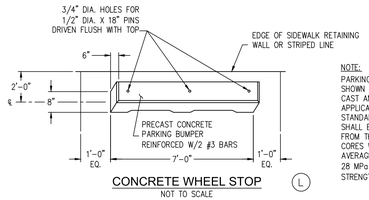
SECTION B-B
NOT TO SCALE



SECTION A-A
NOT TO SCALE

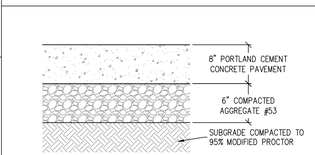


PARALLEL CURB RAMP (F3)
NOT TO SCALE

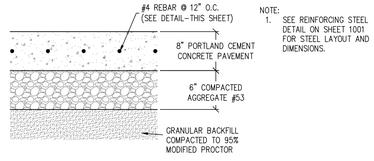


CONCRETE WHEEL STOP (L)
NOT TO SCALE

NOTE:
PARKING BARRIERS SHALL BE OF THE DIMENSIONS SHOWN ON THE PLANS. THE BARRIERS SHALL BE CAST AND TESTED IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF 615.03 OF THE INDOT STANDARD SPECIFICATIONS EXCEPT THE STRENGTH SHALL BE DETERMINED BY CONCRETE CORES TAKEN FROM THE FINISHED PRODUCT. AT LEAST 2 CONCRETE CORES WILL BE TAKEN FROM EACH UNIT AND THE AVERAGE STRENGTH OF THE UNIT SHALL BE AT LEAST 28 MPa (4000 PSI) WITH NO INDIVIDUAL CORE STRENGTH LESS THAN 25 MPa (3600 PSI).

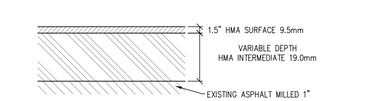


TYPICAL HEAVY DUTY CONCRETE PAVEMENT SECTION (G)
NOT TO SCALE

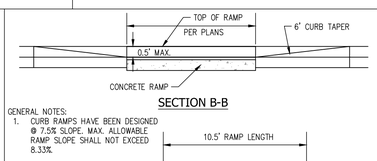


NOTE:
1. SEE REINFORCING STEEL DETAIL ON SHEET 1001 FOR STEEL LAYOUT AND DIMENSIONS.

TYPICAL REINFORCED CONCRETE PAVEMENT SECTION (G1)
NOT TO SCALE

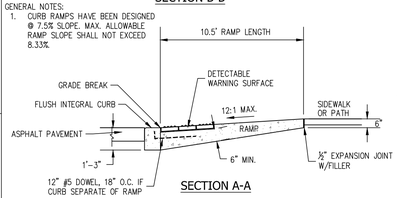


TYPICAL ASPHALT WEDGE AND LEVEL SECTION (R)
NOT TO SCALE

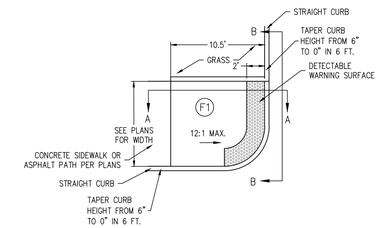


SECTION B-B
NOT TO SCALE

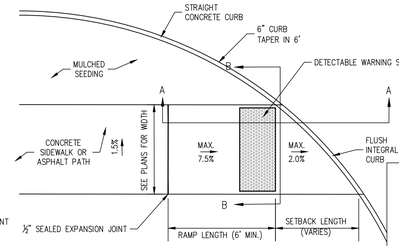
GENERAL NOTES:
1. CURB RAMPS HAVE BEEN DESIGNED @ 7.5% SLOPE. MAX. ALLOWABLE RAMP SLOPE SHALL NOT EXCEED 8.33%.



SECTION A-A
NOT TO SCALE



ONE-WAY DIRECTIONAL CURB RAMP (F1)
NOT TO SCALE



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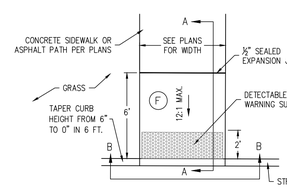
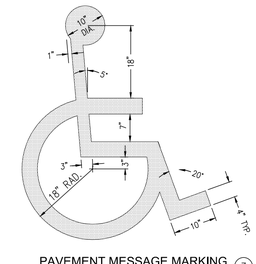


PERPENDICULAR CURB RAMP (F1)
NOT TO SCALE

NOTES:
1. ALL MARKINGS TO BE 4 INCHES, SOLID BLUE
2. THE A.D.A. PARKING SYMBOL SHALL MEET CURRENT A.D.A. REQUIREMENTS



PAVEMENT MESSAGE MARKING
A.D.A. SYMBOL (3)
NOT TO SCALE

FDC
___ RISER
ZONE ___

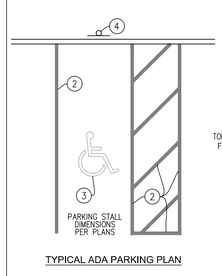
FDC SIGN
NOT TO SCALE

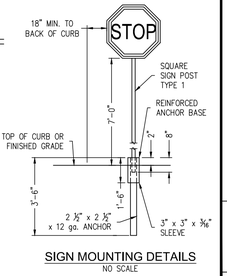
FDC SIGN NOTES:
1. FDC SIGNS SHALL CONFORM TO ALL APPLICABLE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS INCLUDING BUT NOT LIMITED TO SIGN COLOR, LETTER SIZE, MATERIALS, ETC.
2. CONTRACTOR SHALL VERIFY ALL FDC SIGNAGE REQUIREMENTS INCLUDING BUT NOT LIMITED TO SIGN LOCATION, RISER IDENTIFICATION, ZONE NUMBERS, ETC. WITH THE TOWN OF WHITELAND FIRE DEPARTMENT AND MEP ENGINEER PRIOR TO ORDERING MATERIALS.

NOTE:
1. CONTRACTOR SHALL VERIFY ALL SIGN AND POST FINISHES WITH OWNER, ARCHITECT, AND LANDSCAPE ARCHITECT PRIOR TO ORDERING ANY MATERIAL.
2. ALL SIGNAGE POSTS SHALL BE BREAKAWAY TYPE.
3. ALL SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
4. ALL HARDWARE SHALL BE APPROPRIATELY SIZED, EXTERIOR GRADE, AND CORROSION RESISTANT.

ADA PARKING
NOT TO SCALE

STOP SIGN
NOT TO SCALE





SIGN MOUNTING DETAILS
NO SCALE

4 SIGNAGE & A.D.A. ACCESSIBLE PARKING DETAILS
NOT TO SCALE

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FILENAME : 1000 MISCELLANEOUS DETAILS.dwg
DATE/USER : 9/30/2024 10:19 AM / kfogg

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th AVE. BEECH GROVE, IN 46107 (317) 780-1555

SHEET 1000

MISCELLANEOUS DETAILS

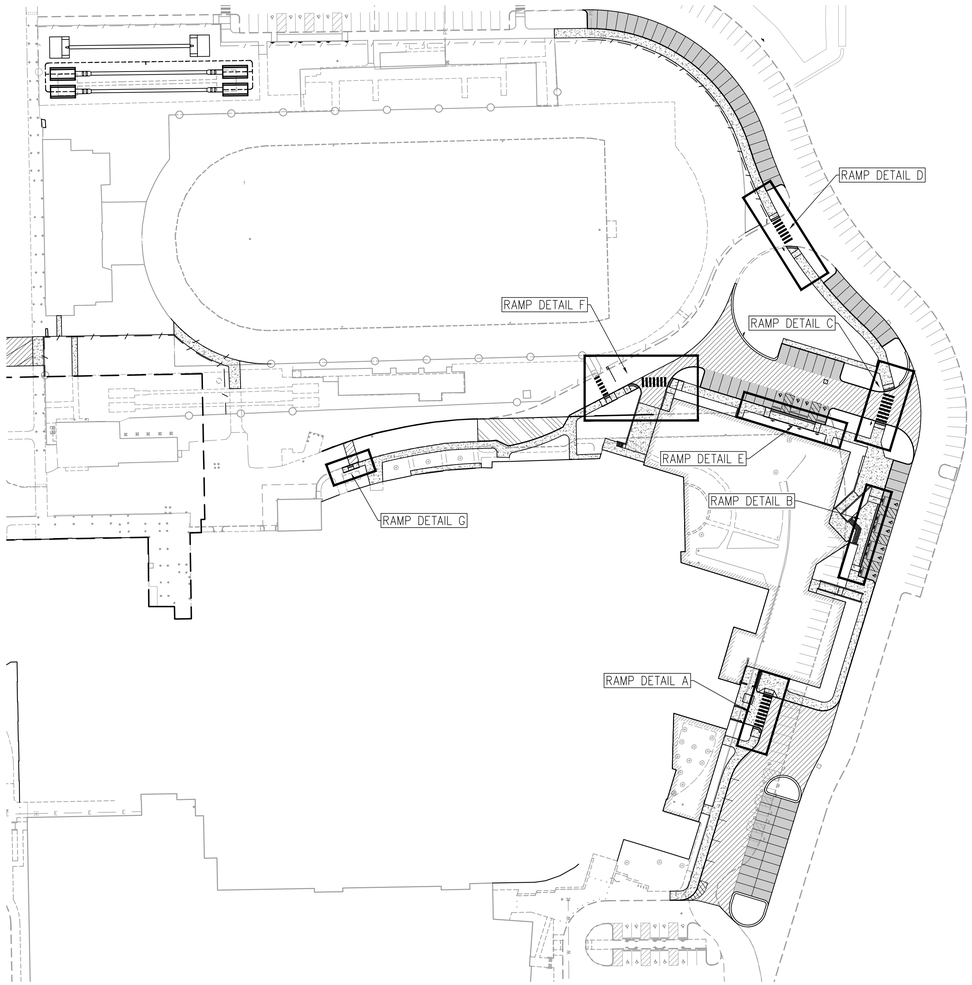
WHITELAND HIGH SCHOOL PHASE 2

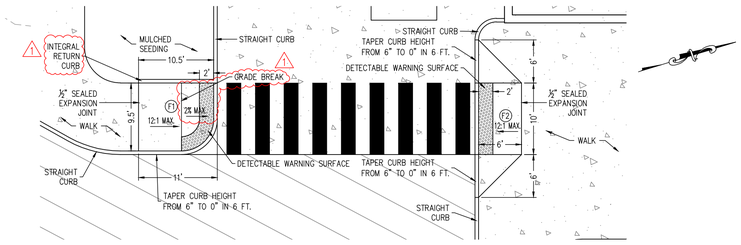
JOB No.	.	DRAWN	KLF	CHECKED	TEN	APPR.	CJI
DATE	AUGUST 30, 2024	DESIGNED	DMS				

REGISTERED DEREK M. SNYDER NO. 11200008 STATE OF INDIANA PROFESSIONAL ENGINEER

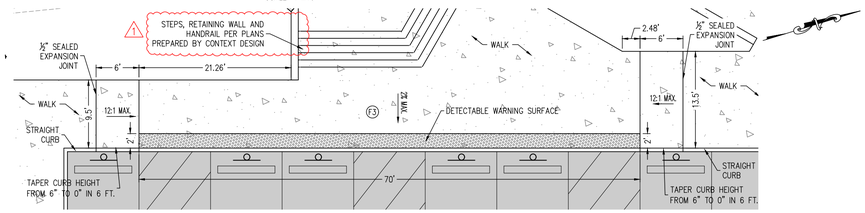
NO.	DATE	REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS	BY	APPR.
1	09.24.24		DMS	CJI
2				
3				
4				
5				
6				
7				
8				
9				

SHEET 1000





CURB RAMP DETAIL A
SCALE: 1"=10'



CURB RAMP DETAIL B
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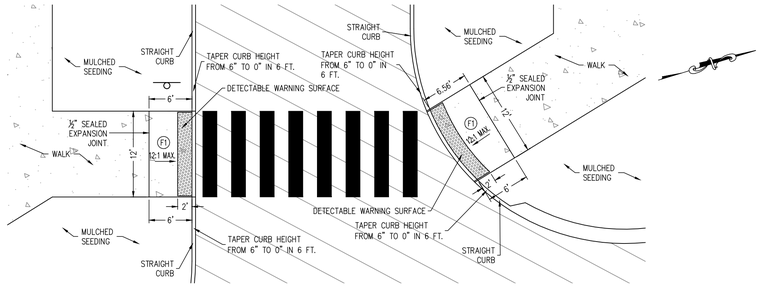

CURB RAMP DETAIL C
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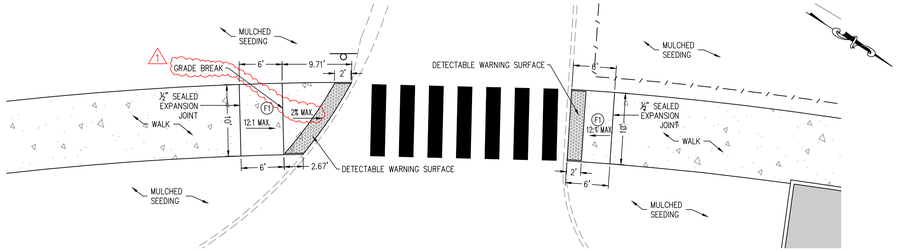

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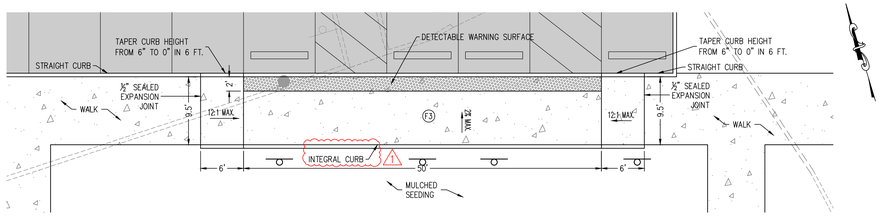

CURB RAMP DETAIL E
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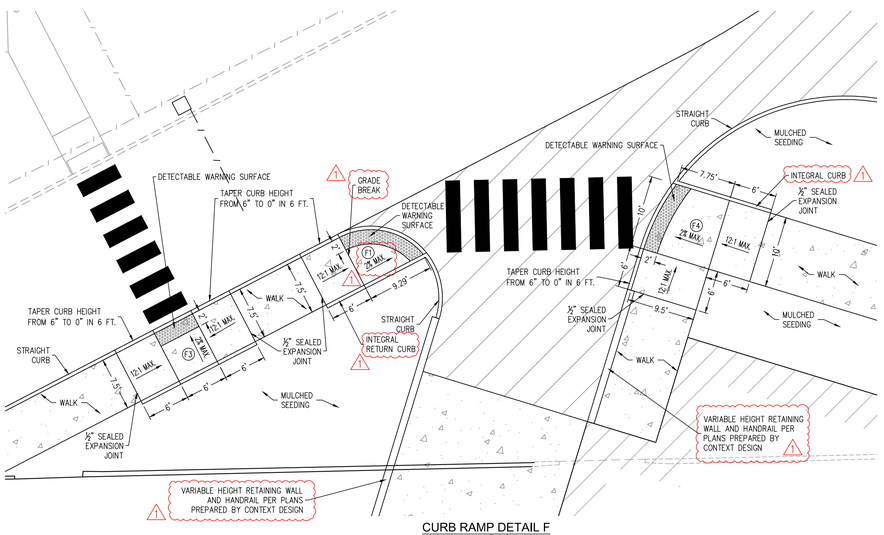

CURB RAMP DETAIL F
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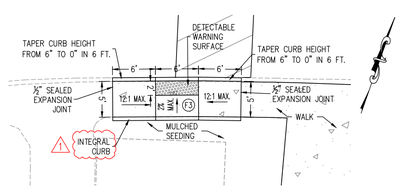

CURB RAMP DETAIL G
SCALE: 1"=10'

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CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 S. 17th AVENUE, SUITE 204A ▪ BEECH GROVE, INDIANA 46107 ▪ (317) 780-1555

CURB RAMP DETAILS

WHITELAND HIGH SCHOOL PHASE 2

JOB No.	-	CHECKED	TEN	APPR.	CJI
DATE	AUGUST 30, 2024	DESIGNED	DMS	APPR.	CJI
		DRAWN	KLF		

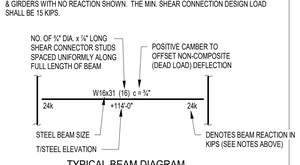
SHEET 1003

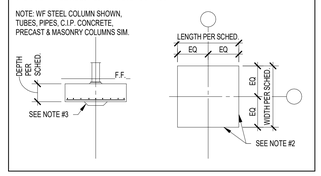
REVISIONS PER TOWN OF WHITELAND TAC AND JOHNSON CO. SURVEYOR'S OFFICE REVIEW COMMENTS

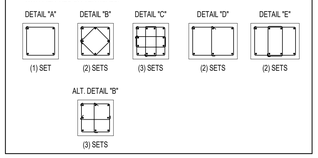
NO.	DATE	BY	APPR.
1	09.24.24	DMS	CJI
2			
3			
4			
5			
6			
7			
8			
9			

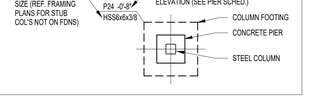
REGISTERED PROFESSIONAL ENGINEER
DEREK M. SNYDER
NO. 11200008
STATE OF INDIANA

SHEET 1003









FRAMING PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. S500, S600 & S601 FOR TYPICAL MASONRY AND FRAMING DETAILS.
3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. ARCHITECTURAL, CIVIL, THEATRE, TECHNOLOGY, MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION 0'-0" REF. CIVIL DWGS. FOR USGS ELEVATION.
5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
6. INSTALL CONTINUOUS BENT PLATE/ANGLE POUR STOPS AT ALL ELEVATED SLAB-ON-DECK PERIMETER EDGES AND AROUND ALL INTERIOR FLOOR OPENINGS (BOTH SHOWN AND NOT SHOWN). SEE DETAIL 6/S600.
7. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAILS ON S600 FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.
8. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
9. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
10. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
11. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
12. PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S600. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
13. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S600. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
14. PROVIDE CMU REINFORCING AS NOTED ON PLANS. SEE 17/S500 FOR TYPICAL WALL REINFORCING.
15. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
16. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
17. FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON STEEL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
18. PLAN LEGEND:

F.F.	DENOTES FIN. FLOOR
T/'X'	DENOTES TOP OF STEEL, SLAB, ETC.
B/'X'	DENOTES BOTTOM OF LINTEL, ETC.
SE OR DE	DENOTES SLAB OR DECK EDGE.
◄(C55)►	DENOTES 2", 18 GA. GALVANIZED COMPOSITE DECK w/ 3½" NW CONC SLAB w/ 6x6-W2.1xW2.1 WWF, TOTAL 't' = 5½". REF. DETAIL ON S600.
◄(R15)►	DENOTES 1½", 20 GA. GALV. & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL ON S600.
◄R15A►	DENOTES 1½", 20 GA. GALV. & PRIME-PAINTED WIDE RIB STEEL ACOUSTICAL ROOF DECK. REF. DETAIL ON S600.
◄RD2A►	DENOTES 2", 20 GA. GALVANIZED DOVETAIL ACOUSTICAL STEEL ROOF DECK REF. DETAIL ON S600.
◄(P38)►	DENOTES ⅜" THICK STEEL PLATE WELDED TO STEEL CATWALK. PAINT WITH NON-SKID PAINT.
◄(P12)►	DENOTES ½" THICK STEEL PLATE WELDED TO STEEL CATWALK. PAINT WITH NON-SKID PAINT.
▶——	DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S601.
●——	DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S601.
– – – –	DENOTES BRACED FRAME OR KNEE BRACE LOCATION. REF. DETAILS ON S300 & S601.
⊠	DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S600 FOR TYPICAL OPENING FRAMES. FOR MULTIPLE CLOSELY SPACED OPENINGS, TREAT AS ONE LARGE OPENING.

23. WIDE-FLANGE BEAM & GIRDER NOTATION:

BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATOR'S SSE (LOADS IN LRFD).

REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS.

TYPICAL BEAM DIAGRAM

KEYED NOTES - FRAMING

1. SEE DETAIL ON S601 FOR HSS GIRT TO HSS COL CONNECTION. ERECTION AIDS MUST BE REMOVED. GIRT AND CONNECTION TO BE AESS 2. ORIENT WELD SEAM UP.
2. BRACED FRAME CONNECTIONS ARE TO BE AESS 2.
3. PROVIDE #5 BARS @ 32" o.c. GROUT STAIR WALLS SOLID.
4. DASHED LINES INDICATE STEEL CHANNEL IN DECK FLUTES FOR MECHANICAL EQUIPMENT SUPPORT. CHANNELS ARE TO BE SPACED 48" o.c. MAX AND ARE TO EXTEND PAST EQUIPMENT SUPPORTS TO NEXT ADJACENT BEAM/JOIST.
5. DASH LINED DENOTES HSS4x4x3/8 KNEE BRACE. SEE S611 FOR TYPICAL DETAIL. BOTTOM W.P. = 10'-0"
6. DASH LINED DENOTES HSS5x5x3/8 KNEE BRACE. SEE S611 FOR TYPICAL DETAIL. BOTTOM W.P. = 19'-0"
7. DASH LINED DENOTES HSS4x4x3/8 KNEE BRACE. SEE S611 FOR TYPICAL DETAIL. BOTTOM W.P. = 24'-0"
8. NEW STEEL LINTEL IN EXISTING CMU WALL. SEE DETAIL ON S500
9. PROVIDE DOUBLE ANGLE/BENT PLATE CONNECTION
10. EX. JOISTS TO BE SHORED SUCH THAT BEARING WALL CAN BE DEMO'D AND NEW STEEL FRAMING CAN BE INSTALLED TO SUPPORT EX. STRUCTURE. SHORING SHALL BE DESIGNED BY A SSE. SOME EX. ROOF DECK MAY NEED TO BE REPLACED. EX. ROOF DECK WILL NEED TO BE FASTENED TO NEW DECK. DECK AND SIDELAP FASTENING SHOULD FOLLOW DETAIL 2 ON S600. SHORING CONTRACTOR AND THE DELEGATED ENGINEER SHOULD CONSIDER THE SEQUENCE OF CONSTRUCTION AND THE POSSIBILITY THAT THIS STRUCTURE COULD BE TEMPORARILY OPEN.
11. DASHED LINES DENOTE CHANNEL IN DECK FLUTES FOR MECH. EQUIPMENT SUPPORT. MULTIPLE CHANNELS MAY BE REQUIRED BASED ON EQUIPMENT TYP. COORD. w/ EQUIPMENT SUPPLIER. IF POSSIBLE, SPACE CHANNELS @ 48" o.c. SEE TYPICAL DETAIL ON S601.
12. DASHED LINES DENOTE CHANNEL IN DECK FLUTES FOR MECH. EQUIPMENT SUPPORT. MULTIPLE CHANNELS MAY BE REQUIRED BASED ON EQUIPMENT TYP. COORD. w/ EQUIPMENT SUPPLIER. IF POSSIBLE, SPACE CHANNELS @ 48" o.c. SEE TYPICAL DETAIL ON S601. JOIST TO BE DESIGNED FOR 400 LBS ADD LOAD AND BEND CHECK.
13. DASHED LINES DENOTE CHANNEL IN DECK FLUTES FOR MECH. EQUIPMENT SUPPORT. MULTIPLE CHANNELS MAY BE REQUIRED BASED ON EQUIPMENT TYP. COORD. w/ EQUIPMENT SUPPLIER. IF POSSIBLE, SPACE CHANNELS @ 48" o.c. SEE TYPICAL DETAIL ON S601. JOIST TO BE DESIGNED FOR 200 LBS ADD LOAD AND BEND CHECK.

LHB - COLUMN FOOTING SCHEDULE

FTG. MARK	LENGTH	WIDTH	THICK	REINF. EACH WAY
F4.0	4'-0"	4'-0"	1'-2"	(4) #5 x 3'-6"
F4.0*	4'-0"	4'-0"	1'-2"	(4) #5 x 3'-6"
F4.0A	4'-0"	4'-0"	2'-6"	(4) #5 x 3'-6"
F5.0	5'-0"	5'-0"	1'-2"	(5) #5 x 4'-6"
F5.0*	5'-0"	5'-0"	1'-2"	(5) #5 x 4'-6"
F5.0A	5'-0"	5'-0"	1'-4"	(5) #6 x 4'-6"
F5.0SP*	5'-0"	5'-0"	1'-0"	(5) #5 x 4'-6" TOP & BOTTOM
F5.0SPA*	5'-0"	5'-0"	3'-0"	(5) #5 x 4'-6" TOP & BOTTOM
F5.0SPB*	5'-0"	5'-0"	3'-8"	(5) #5 x 4'-6" TOP & BOTTOM
F5.0SPC*	5'-0"	5'-0"	5'-8"	(5) #5 x 4'-6" TOP & BOTTOM
F6.0*	6'-0"	6'-0"	1'-2"	(7) #5 x 5'-6"
F6.0A	6'-0"	6'-0"	1'-6"	(6) #6 x 5'-6"
F6.0SP*	6'-0"	6'-0"	3'-0"	(7) #5 x 5'-6" TOP & BOTTOM
F6.0SPA*	6'-0"	6'-0"	3'-8"	(7) #5 x 5'-6" TOP & BOTTOM
F6.0x4.0SP*	4'-0"	6'-0"	3'-0"	(4) #5 x 5'-6" & (7) #5 x 3'-6" TOP & BOTTOM
F6.0x4.0SPA*	4'-0"	6'-0"	5'-8"	(4) #5 x 5'-6" & (7) #5 x 3'-6" TOP & BOTTOM
F6.0x4.0SPB*	4'-0"	6'-0"	8'-6"	(4) #5 x 5'-6" & (7) #5 x 3'-6" TOP & BOTTOM
F7.0SP*	7'-0"	7'-0"	3'-0"	(7) #6 x 6'-6" TOP & BOTTOM
F7.0x5.0SP*	5'-0"	7'-0"	3'-0"	(5) #6 x 6'-6" & (7) #6 x 4'-6" TOP & BOTTOM
F7.0x5.0SPA*	5'-0"	7'-0"	5'-0"	(5) #6 x 6'-6" & (7) #6 x 4'-6" TOP & BOTTOM
F8.0*	8'-0"	8'-0"	1'-6"	(8) #6 x 7'-6"
F8.0SP*	8'-0"	8'-0"	1'-0"	(8) #6 x 7'-6" TOP & BOTTOM
F8.0SPA*	8'-0"	8'-0"	3'-0"	(8) #6 x 7'-6" TOP & BOTTOM
F9.0	9'-0"	9'-0"	2'-6"	(8) #8 x 8'-6"

NOTES:

1. CENTER FOOTINGS BENEATH COLUMNS, U.N.O.
2. ALL FOOTINGS MUST BE BOARD-FORMED, UNLESS APPROVED.
3. INCREASE FOOTING DEPTH WHERE REQ'D TO ENCASE COLUMN ANCHOR RODS
4. FOOTINGS WITH SP ARE TO FOLLOW DETAIL ON S400.
5. FOOTINGS WITH (*) ARE NOT REQUIRED TO BEAR ON AGGREGATE PIERS. UNDERCUTTING OF THE SOIL MAY BE REQUIRED AT THESE FOOTINGS.

NOTE: WF STEEL COLUMN SHOWN,
TUBES, PIPES, C.I.P. CONCRETE,
PRECAST & MASONRY COLUMNS SIM.

LHB - WALL FOOTING SCHEDULE

FTG. MARK	WIDTH	THICK	CONT. REINF.	TRANS. REINF.
WF24	2'-0"	1'-2"	(3) - #5	#5 x1'-6" @ 12" o.c.
WF30	2'-6"	1'-2"	(3) - #5	#5 x 2'-0" @ 12" o.c.
WF36	3'-0"	1'-2"	(4) - #5	#5 x 2'-6" @ 12" o.c.
WF42	3'-6"	1'-2"	(4) - #5	#5 x 3'-6" @ 12" o.c.
WF48	4'-0"	1'-2"	(5) - #5 TOP & BOTTOM	#5 x 3'-6" @ 12" o.c. TOP & BOTTOM
WF48PC	4'-0"	2'-6"	(6) - #6 TOP & BOTTOM	#5 x 3'-6" @ 12" o.c. TOP & BOTTOM w/ 180 DEG. HOOKS
WF68	5'-8"	1'-2"	(6) - #6 TOP & BOTTOM	#6 @ 12" o.c. TOP & BOTTOM
WF108PC	9'-0"	2'-6"	(13) - #6 TOP & BOTTOM	#5 x 8'-6" @ 12" o.c. TOP & BOTTOM w/ 180 DEG. HOOKS

1. CENTER FOOTINGS BENEATH WALLS, U.N.O.
2. FOOTINGS ARE TO BE BOARD FORMED. IF SOIL CONDITIONS PERMIT, DETERMINED BY THE ONSITE GEOTECHNICAL TESTING AGENCY, FOOTINGS MAY BE CAST DIRECTLY AGAINST SOIL WITHOUT FORMING. CONTRACTOR SHALL SUBMIT THE RECOMMENDATION BY THE TESTING AGENCY TO THE EOR.
3. IF BANK POURING IS ACCEPTABLE, THE FOOTING SIZE MUST BE INCREASED BY 2" IN EACH PLAN DIRECTION. FORM TOP OF FOOTINGS WHERE SOIL HAS SLOUGHED SIGNIFICANTLY, WHERE GRADE IS LOWER THAN THE INDICATED TOP OF FOOTING ELEVATION, OR WHEREVER FOOTING WOULD INTERFERE WITH THE INSTALLATION OF DOWNSPOUTS, CONDUIT, BOLLARDS, ETC. COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING & SITE/CIVIL DRAWINGS.

LHB - CONCRETE PIER SCHEDULE

PIER MARK	LENGTH	WIDTH	VERT. REINF.	TIE REINF.	TIE DETAIL
P24B	24"	24"	(4)-#8	#4 @ 12" o.c.	A
P28A	28"	28"	(8)-#7	#4 @ 12" o.c.	B
P28B	28"	28"	(4)-#9	#4 @ 12" o.c.	A
P28x82	28"	82"	(8)-#7	#4 @ 12" o.c.	E

1. PROVIDE MIN. 1 ½" CLEAR TO PIER TIES.
2. REF. 'TYPICAL CONCRETE PIER REINFORCING' ON S400 FOR FURTHER INFORMATION ON TIE SPACING.
3. VERTICAL DOWELS ARE TO FUNCTION AS PIER VERTICALS FOR PIERS LESS THAN OR EQUAL TO 5'-0" HIGH. PROVIDE SEPARATE DOWELS & VERTICALS FOR PIERS GREATER THAN OR EQUAL TO 5' - 0" HIGH, UNLESS APPROVED.
4. CONTACT THE STRUCTURAL ENGINEER FOR DIRECTION IF COLUMN ANCHOR RODS FOUL WITH PIER TIES OR VERTICALS.

CONCRETE WALL SCHEDULE

WALL MARK	OUTSIDE (EARTH) FACE REINF.			INSIDE (EXPOSED) FACE REINF.		
	VERTICAL	HORIZ.	DOWELS	VERTICAL	HORIZ.	DOWELS
CW6	-------	-------	-------	#5 @ 12" CENTER IN WALL	#5 @ 12" CENTER IN WALL	TO MATCH VERT'S.
CW8	-------	-------	-------	#5 @ 12" CENTER IN WALL	#5 @ 12" CENTER IN WALL	TO MATCH VERT'S.
CW10	#5 @ 18"	#5 @ 12"	TO MATCH VERT'S.	#5 @ 12"	#5 @ 12"	TO MATCH VERT'S.
CW12	#5 @ 18"	#5 @ 12"	TO MATCH VERT'S.	#5 @ 12"	#5 @ 12"	TO MATCH VERT'S.
CW18	#6 @ 12"	#6 @ 12"	TO MATCH VERT'S.	#6 @ 12"	#6 @ 12"	TO MATCH VERT'S.

1. WALL THICKNESSES GIVEN ARE EXCLUSIVE OF THE CONCRETE BELOW VENEER LEDGES. REF. SECTIONS AND DETAILS ON S410.
2. PROVIDE #3 SPACER TIES @ 48" O.C. EACH WAY FOR ALL WALLS W/ (2) GRIDS OF REINFORCING.

FOUNDATION & SLAB PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. ARCHITECTURAL, CIVIL, THEATRE, TECHNOLOGY, MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. COORDINATE EXACT SIZE & LOCATION OF ALL OPENINGS IN FOUNDATION WALLS WITH ALL CONTRACTORS.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION 0'-0" REF. CIVIL DWGS. FOR USGS ELEVATION.
5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
6. REF. S400 & S401 FOR TYPICAL FOUNDATION DETAILS.
7. ALL FOOTINGS SHALL BE LOWERED TO PASS BELOW UNDERGROUND UTILITIES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.). THESE LINES HAVE BEEN SHOWN IN THE APPROXIMATE LOCATIONS ON THE CONTRACT DOCUMENTS AND NEED TO BE COORDINATED BY THE CONTRACTORS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S400.
8. ALL SLAB RECESSES AND SLOPES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND THE FLOORING SUPPLIER.
9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
11. COLUMN FOOTINGS AND WALL FOOTINGS SHALL BEAR ON AGGREGATE PIERS EXCEPT AS NOTED ON PLAN. UNDERCUTS SHOULD NOT BE NECESSARY WHERE FOUNDATIONS BEAR ON AGGREGATE PIERS HOWEVER THE ONSITE GEOTECHNICAL TESTING AGENCY SHALL VERIFY ALL FOUNDATIONS ARE FOUNDED ON SUITABLE BEARING MATERIAL. REF. TYPICAL FOOTING UNDERCUT DETAIL ON S400 SHOULD UNDERCUTS BE NECESSARY.
12. COLUMN AND WALL FOOTINGS NOTED WITH AN ASTERISK (*) ARE NOT REQUIRED TO BEAR ON AGGREGATE PIERS. REFERENCE NOTES ON S001 AND SPECIFICATIONS.
13. COLUMN FOOTINGS SUPPORTING MORE THAN ONE COLUMN SHALL BE CENTERED AT THE MIDPOINT BETWEEN THE COLUMNS, UNLESS NOTED OTHERWISE ON PLAN.
14. ALL EX. CONSTRUCTION SHOWN IN PLAN AND SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
15. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.
16. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS
17. PLAN LEGEND:

F.F.	DENOTES FINISH FLOOR
T/'X'	DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.
WF30 -2'-0"	DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)
CW12	DENOTES CAST IN PLACE CONCRETE WALL MARK (SEE SCHEDULE)
PCW12	DENOTES PRECAST CONCRETE WALL MARK
T/F -2'-8" T/F -4'-0" T/F -4'-0" T/F -5'-4"	DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON S400
⊂══⊃	DENOTES UTILITY TO PASS OVER TOP FOOTING AND SLEEVE THROUGH PERIMETER FOUNDATION WALL
(S4) T/SLAB = 0'-0"	DENOTES 4" CONC. SLAB-ON-GRADE w/ FIBERFORCE 300 @ 1.5LB/CY (OR APPROVED EQUAL) & E5 SYSTEM CONSISTING OF: E5 INTERNAL CURE @ 4OZ/CWT & E5 CATALYST SPRAY ON BETWEEN 800-1,500 SF/GAL OVER 15-MILL CLASS A VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (INDOT No. 53)
S4GF T/SLAB = 0'-0"	DENOTES 4" CONC. SLAB-ON-GRADE w/ FIBERFORCE 300 @ 1.5LB/CY (OR APPROVED EQUAL) & E5 SYSTEM CONSISTING OF: E5 INTERNAL CURE @ 4OZ/CWT & E5 CATALYST SPRAY ON BETWEEN 800-1,500 SF/GAL OVER GEOFOAM FILL, EPS 15 MIN, 0.90 PCF OVER 15-MILL CLASS A VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (INDOT No. 53)
(S5) T/SLAB = 0'-0"	DENOTES 5" CONC. SLAB-ON-GRADE w/ FIBERFORCE 300 @ 1.5LB/CY (OR APPROVED EQUAL) & E5 SYSTEM CONSISTING OF: E5 INTERNAL CURE @ 4OZ/CWT & E5 CATALYST SPRAY ON BETWEEN 800-1,500 SF/GAL OVER 15-MILL CLASS A VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (INDOT No. 53)

KEYED NOTES - FOUNDATIONS

① ANCHOR RODS CAN BE POST-INSTALLED PER DETAIL ON 6/S400.

② ANCHOR RODS TO HAVE TO HAVE #4 TIES @ 4" o.c. FOR THE FULL LENGTH OF THE RODS. THESE TIES ARE IN ADDITION TO THE PIER TIES.

③ SEE DETAILS FOR INTERIOR WALL FOOTING ON S401. GROUT CELLS SOLID AT BARS. GROUT ALL STAIR WALLS SOLID.

④ PROVIDE THICKENED SLAB UNDER CMU WALL PER DETAIL ON S401.

⑤ REFER TO DETAIL 20/S401 FOR COOLER FREEZER RECESS DETAIL

⑥ FOOTINGS AND FOOTING STEPS WITHIN 10 FEET OF THE EX. BUILDING DO NOT REQUIRE TO BE FOUNDED ON AGGREGATE PIERS. UNDERCUTS MAY BE NECESSARY AT THESE LOCATIONS.

⑦ DOWEL WALL REINFORCING INTO EXISTING FOOTING. REFER TO DETAIL ON S400.

⑧ NEW INFILL WALL TO MATCH EXISITNG WALL. VERIFY GRID AND WALL LOCATION IN FIELD.

⑨ NEW THICKENED SLAB WILL BE REQUIRED UNDER NEW CMU WALL. REFER TO DETAIL ON S401.

⑩ RETAINING WALL TO EXTEND 6" ABOVE LOADING DOCK.

⑪ REFERENCE CIVIL DRAWINGS FOR T/WALL ELEVATION

⑫ PROVIDE SIMILAR SLAB CONDITION AS SHOWN IN 5/S410 AT OVERHEAD DOOR.

ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS) - KEY

CATEGORY		AESS 4	AESS 3	AESS 2	AESS 1
ID	CHARACTERISTICS	AISC CODE OF STANDARD PRACTICE SECTION 10 FOR AESS			
1.1	SURFACE PREPARATION TO SSPC-SP-6	X	X	X	X
1.2	SHARP EDGES GROUND SMOOTH	X	X	X	X
1.3	CONTINUOUS WELD APPEARANCE	X	X	X	X
1.4	STANDARD STRUCTURAL BOLTS	X	X	X	X
1.5	WELD SPATTERS REMOVED	X	X	X	X
2.1	VISUAL SAMPLES	X	X		
2.2	ONE-HALF STANDARD FABRICATION TOLERANCES	X	X	X	
2.3	FABRICATION MARKS NOT APPARENT	X	X	X	
2.4	WELDS UNIFORM AND SMOOTH	X	X	X	
3.1	MILL MARKS REMOVED	X	X		
3.2	BUTT AND PLUG WELDS GROUND SMOOTH AND FILLED	X	X		
3.3	HSS WELD SEAM ORIENTED FOR REDUCED VISIBILITY	X	X		
3.4	CROSS SECTIONAL ABUTTING SURFACE ALIGNED	X	X		
3.5	JOINT GAP TOLERANCES MINIMIZED	X	X		
3.6	ALL WELDED CONNECTIONS	OPTIONAL	OPTIONAL		
4.1	HSS SEAM NOT APPARENT	X			
4.2	WELDS CONTOURED AND BLENDED	X			
4.3	SURFACES FILED AND SANDED	X			
4.4	WELD SHOW-THROUGH MINIMIZED	X			

NOTES:

1.1 PRIOR TO BLAST CLEANING, GREASE AND OIL ARE REMOVED BY SOLVENT CLEANING TO MEET SSPC-SP1.
1.2 ROUGH SURFACES ARE DEBURRED AND GROUND SMOOTH. SHARP EDGES RESULTING FROM FLAME CUTTING, GRINDING AND ESPECIALLY SHEARING ARE SOFTENED.
1.3 INTERMITTENT WELDS ARE MADE CONTINUOUS, EITHER WITH ADDITIONAL WELDING, CAULKING OR BODY FILLER. FOR CORROSIVE ENVIROMENTS, ALL JOINTS ARE SEAL WELDED. SEAMS OF HOLLOW STRUCTURAL SECTIONS ARE ACCEPTABLE AS PRODUCED.
1.4 ALL BOLT HEADS IN CONNECTIONS ARE ON THE SAME SIDE, AS SPECIFIED, AND CONSISTENT FROM ONE CONNECTION TO ANOTHER.
1.5 WELD SPATTER, SLIVERS, SURFACE DISCONTINUITIES ARE REMOVED. WELD PROJECTION UP TO 1/16 IN. (2 MM) IS ACCEPTABLE FOR BUTT AND PLUG WELDED JOINTS.
2.1 VISUAL SAMPLES ARE EITHER A 3-D RENDERING, A PHYSICAL SAMPLE, A FIRST-OFF INSPECTION, A SCALED MOCK-UP OR A FULL-SCALE MOCK-UP, AS SPECIFED IN THE CONTRACT DOCUMENTS.
2.2 THESE TOLERANCES ARE ONE-HALF OF THOSE FOR STANDARD STRUCTURAL STEEL AS SPECIFIED IN THIS CODE.
2.3 MEMBERS MARKINGS DURING THE FABRICATION AND ERECTION PROCESSES ARE NOT VISIBLE.
3.1 ALL MILL MARKS ARE NOT VISIBLE IN THE FINISHED PRODUCT.
3.2 CAULKING OR BODY FILLER IS ACCEPTABLE.
3.3 SEAMS ARE ORIENTED AWAY FROM VIEW OR AS INDICATED IN THE CONTRACT DOCUMENTS.
3.4 THE MATCHING OF ABUTTING CROSS SECTIONS IS REQUIRED.
3.5 THIS CHARACTERISTIC IS SIMILAR TO 2.2 ABOVE. A CLEAR DISTANCE BETWEEN ABUTTING MEMBERS OF 1/8 IN. (3 MM) IS REQUIRED.
3.6 HIDDEN BOLTS MAY BE CONSIDERED.
4.1 HSS SEAMS ARE TREATED SO THEY ARE NOT APPARENT.
4.2 IN ADDIDTION TO A CONTOURED AND BLENDED APPEARANCE, WELDED TRANSITIONS BETWEEN MEMBERS ALSO ARE CONTOURED AND BLENDED.
4.3 THE STEEL SURFACE IMPERFECTIONS ARE FILLED AND SANDED.
4.4 WELD SHOW-THROUGH ON THE BACK SIDE OF A WELDED ELEMENT CAN BE MINIMIZED BY HAND GRINDING THE BACK SIDE SUR-FACE. THE DEGREE OF WELD-THROUGH IS A FUNCTION OF WELD SIZE AND MATERIAL.

DEFINITIONS:

1. 'FABRICATION TOLERANCE': Fabricate steel to one-half the normal tolerances as specified in the AISC "CODE OF STANDARD PRACTICE", Section 10.
2. 'WELDS GROUND SMOOTH': Fabricator (or Erector for field welds) shall grind welds of AESS smooth. For groove welds, the welds shall be made flush to the surfaces each side and be within +1/16", -0" of plate thickness.
3. 'CONTOURING & BLENDING OF WELDS': Where fillet welds are indicated to be ground-contoured or blended, oversize welds as required and grind to provide a smooth transition and to match profile on approved mockup.
4. 'CONTINUOUS WELDS': Where welding is noted on the Drawings, provide continuous welds of a uniform size and profile.
5. 'MINIMIZE WELD SHOW THROUGH': At locations where welding on the far side of an exposed connection occurs, grind distortion and marking of the steel to a smooth profile with adjacent material.
6. 'COPING AND BLOCKING TOLERANCE': Maintain a uniform gap of 1/8" +/- 1/32" at all copes and blocks.
7. 'JOINT GAP TOLERANCE': Maintain a uniform gap of 1/8" +/- 1/32" at all joint gaps.
8. 'PIECE MARKS HIDDEN': Fabricate such that piece marks are fully hidden from view in the final structure or made with such media to permit full removal after erection.
9. 'MILL MARK REMOVAL': Fabricator shall deliver steel with no mill marks (stenciled, stamped, raised, etc.) in exposed locations. Mill marks shall be omitted by cutting of mill material to appropriate lengths where possible. Where not possible, the Fabricator can fill and/or grind to a surface finish consistent with the approved mockup.
10. 'GRINDING OF SHEARED EDGES': Fabricator shall grind all edges of sheared, punched, or flame-cut steel to match the approved mockup.
11. 'ROLLED MEMBERS': Members specified to be rolled to a final curved shape shall be fully shaped in the shop and tied during shipping to prevent stress relieving. Distortion of the web or stem, and of the outstanding flanges or legs of angles shall be visibly acceptable to the Architect from a distance of 20 feet under any lighting condition determined by the Architect. Tolerances for the vertical and horizontal walls of rectangular HSS members after rolling shall be the specified dimension of +/- 1/2".
12. 'SEAL WELD TO CLOSE OPEN GAPS': Seal weld open ends of round and rectangular hollow structural sections with 3/8" closure plates. Provide continuous sealed welds at angle-to-gusset plate connections and similar locations where AESS is exposed to weather.
13. 'BOLT HEAD ORIENTATION': All bolt heads shall be oriented as indicated on the Drawings. Where bolt head alignment is specified, the orientation shall be noted for each connection on the Fabricator's Erection Drawings. Where not noted, the bolt heads in a given connection shall be oriented to one side.
14. 'REMOVAL OF FIELD-WELDING AIDS': Run-out tabs, erection bolts, temporary seats, and other steel members added to connections to allow for alignment, fit-up, and welding in the field shall be removed from the structure. Field groove welds shall be selected to eliminate the need for backup bars or to permit their removal after welding. Welds at run-out tabs shall be removed to match adjacent surfaces and ground smooth. Holes for erection bolts shall be plug-welded and ground smooth.
15. 'FILLING OF WELD ACCESS HOLES': Where holes must be cut in the web at the intersection with flanges on W-Shapes and structural tees to permit field welding of the flanges, they shall be filled. Filling shall be executed with proper procedures to minimize restraint and address thermal stresses in Group 4 and 5 Shapes.

LANCER ASSOCIATES ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

LHB Lynch, Harrison & Brumleve, Inc.

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL PHASE 2
300 E MAIN ST, WHITELAND, IN 46184

SCOTT A. CLORE
PE10600154

REVISIONS: #	Date	Desc.
1	9/28/2024	Addendum 1

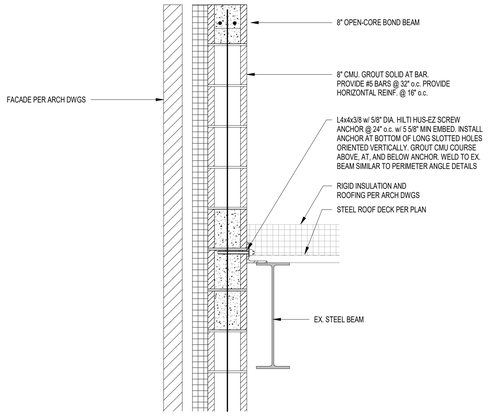
100% CONSTRUCTION DOCUMENTS

PROJECT: #22130
DATE: 08-30-2024
DRAWN BY: DJL

STRUCTURAL NOTES

S002

PLOT DATE/TIME: 9/27/2024 10:53:58 AM



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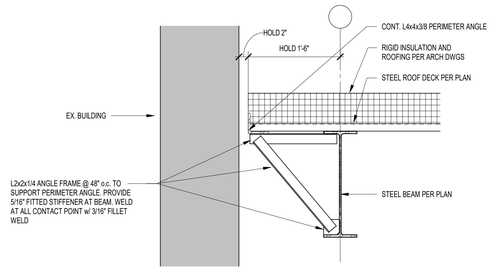

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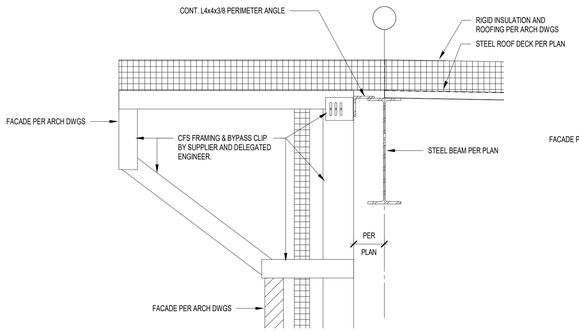

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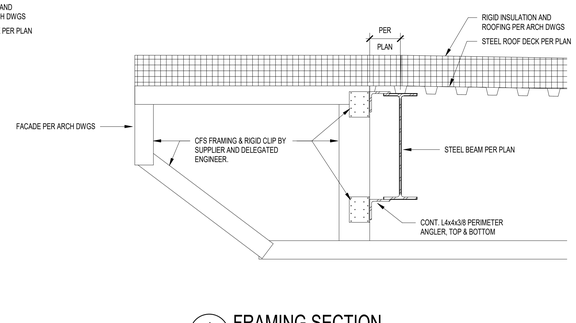

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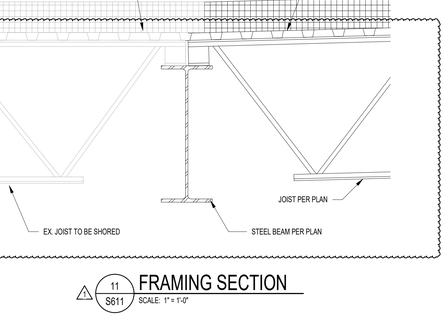

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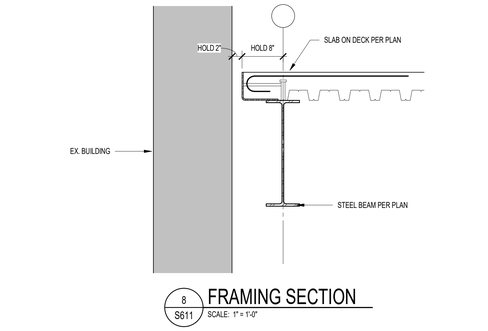

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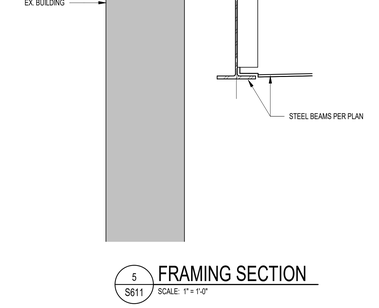

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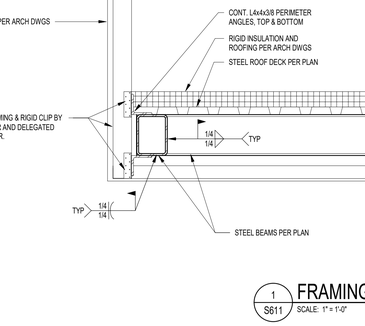

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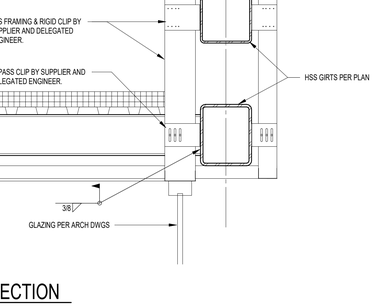

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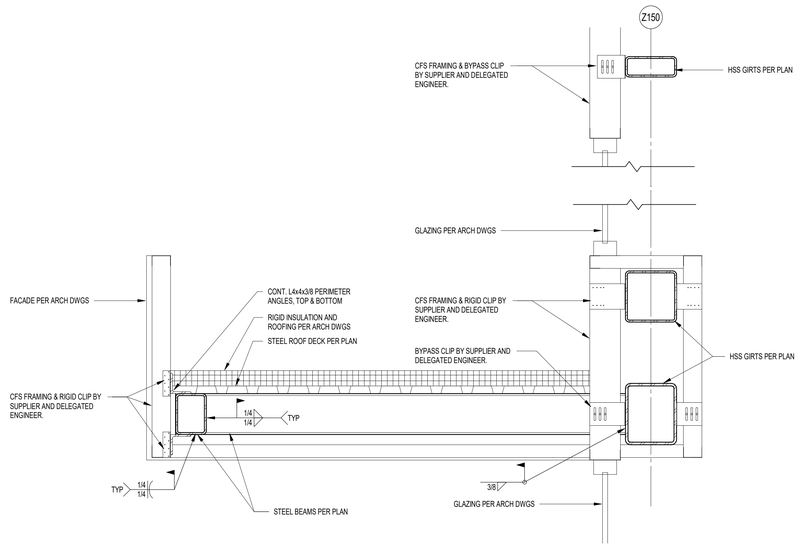

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SCOTT A. CLINE
PE10606154
STATE OF INDIANA
REGISTERED PROFESSIONAL ENGINEER
10/28/2024

REVISIONS:

#	Date	Desc.
1	10/28/2024	Addendum 1

100% CONSTRUCTION DOCUMENTS

PROJECT: #22130
DATE: 08-30-2024
DRAWN BY: DJL

FRAMING SECTIONS

S611

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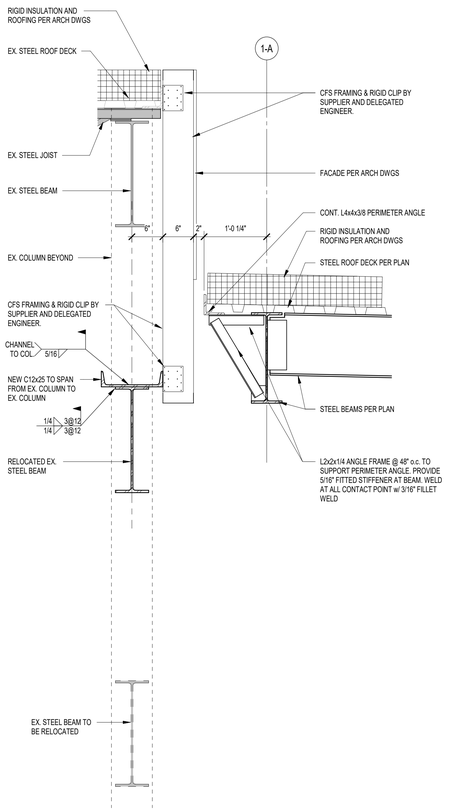

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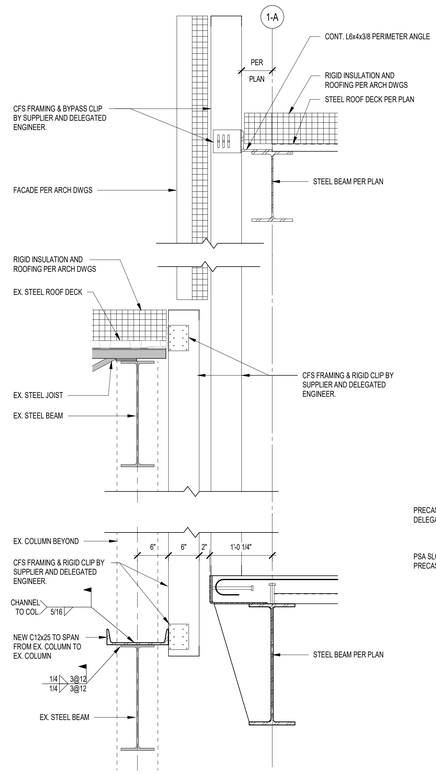

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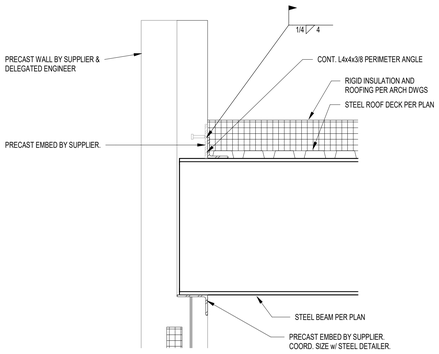

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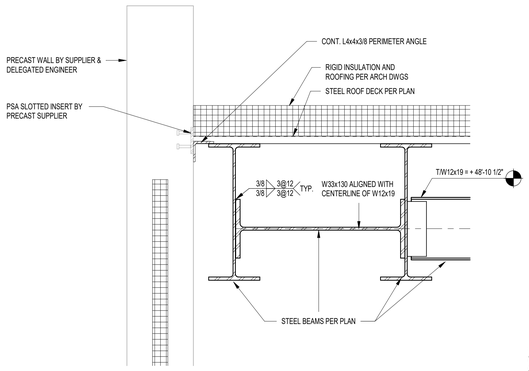

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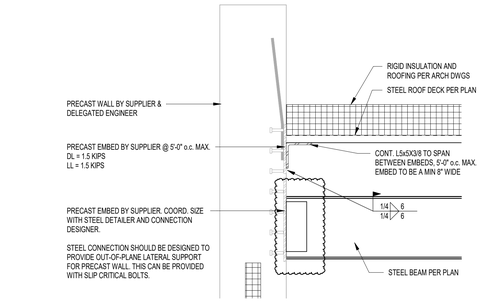

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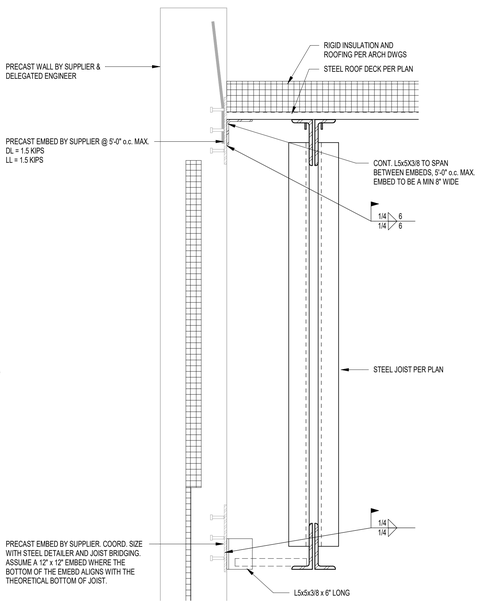

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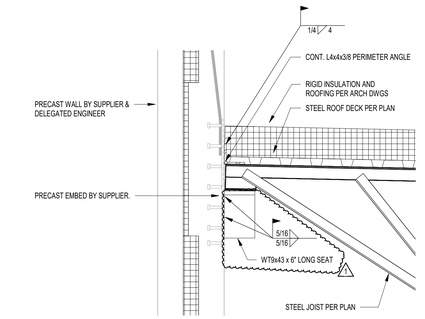

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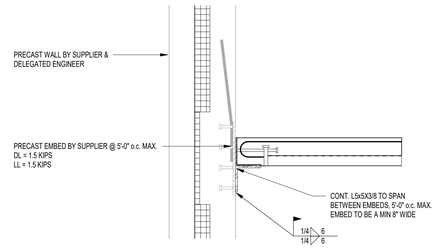

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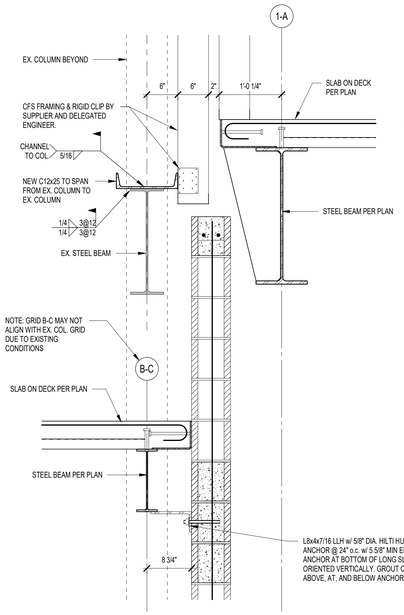

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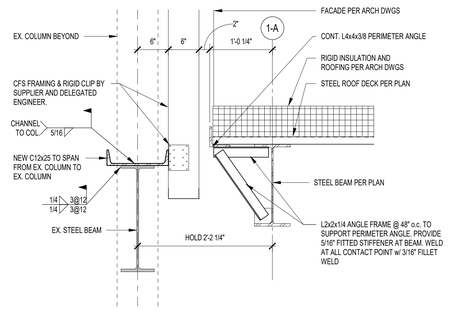

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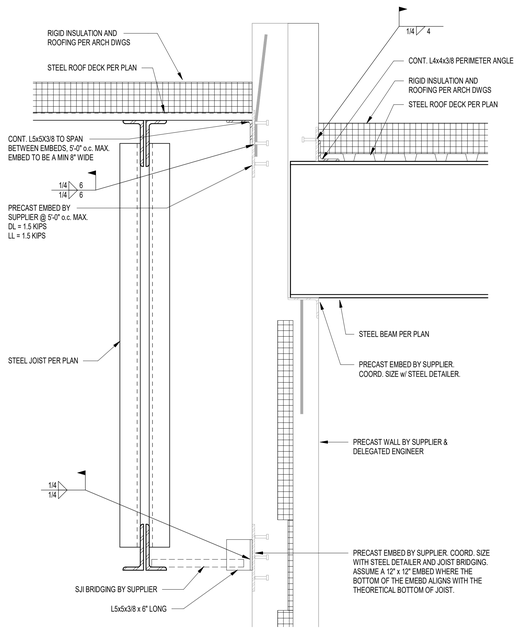

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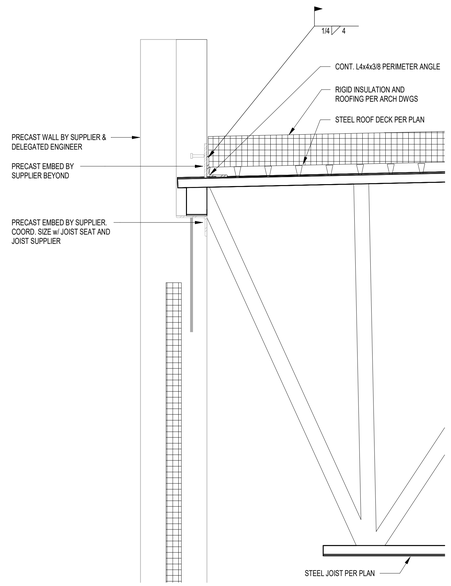

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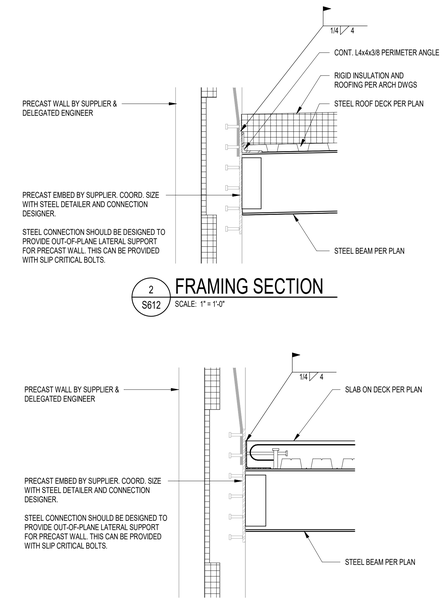


2 S612 FRAMING SECTION
SCALE: 1" = 1'-0"

1 S612 FRAMING SECTION
SCALE: 1" = 1'-0"

LANCER ASSOCIATES ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203
Lynch, Harrison & Brumleve, Inc.

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL PHASE 2
300 E MAIN ST, WHITELAND, IN 46184

SCOTT A. CLOSE
REGISTERED
PE10606154
STATE OF INDIANA
PROFESSIONAL ENGINEER

REVISIONS:

#	Date	Desc.
1	9/28/2024	Addendum 1

100% CONSTRUCTION DOCUMENTS

PROJECT: #22130
DATE: 08-30-2024
DRAWN BY: DJL

FRAMING SECTIONS

S612

PLAN NOTES - DEMOLITION

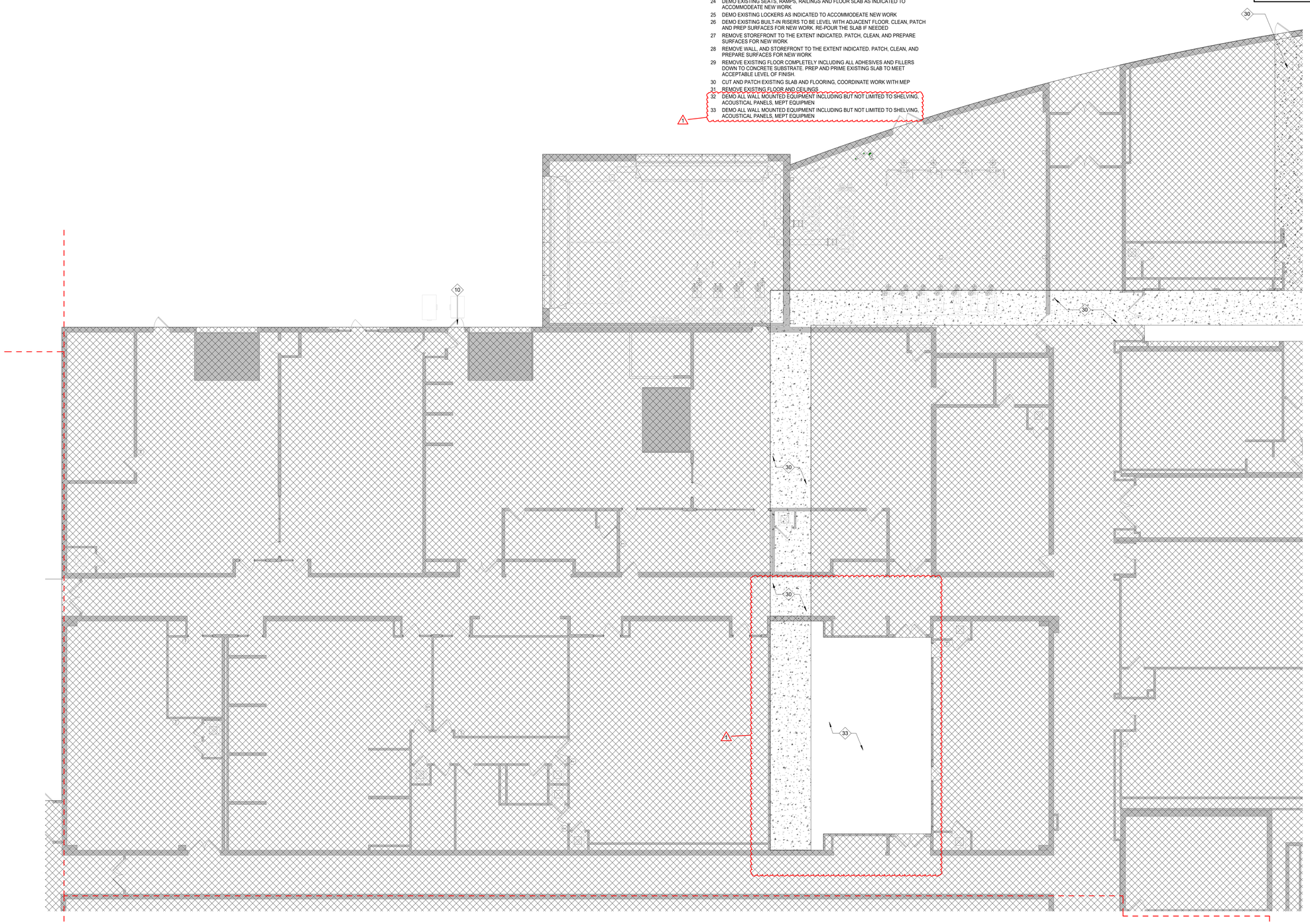
1. REMOVE WALL, AND STOREFRONT TO THE EXTENT INDICATED. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK.
2. REMOVE WINDOW. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
3. REMOVE DOOR(S). PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
5. REMOVE EXISTING FLOOR AND CEILINGS
6. DEMO EXISTING CANOPY. CLEAN, PATCH AND PREP SURFACES FOR NEW WORK
7. REMOVE EXISITNG METAL WALL SIDING. PRESERVE THE SHEATHING UNDERNEATH THE METAL SIDING. CLEAN, PATCH AND PREP SURFACES FOR NEW WORK.
8. DEMO EXISTING CANOPY INDLUDING BUT NOT LIMITED TO THE ROOF, COLUMNS AND FOUNDATIONS. PRESERVE EXISTING METAL SIDING. CLEAN, PATCH AND PREP SURFACES FOR NEW WORK.
9. REMOVE ANY EXTERIOR LIGHTING FIXTURES AND CAMERAS FROM THE FACE OF THE WALL THAT WILL BE THE INTERIOR WALL. PATCH ANY HOLES LEFT BEHIND. CLEAN EXISTING MASONRY, METAL FINISHED AND WINDOWS. PREP SURFACES FOR NEW WORK. CLEAN ALL MASONRY
10. CUT NEW DOOR OPENING. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK. COORDINATE WORK WITH NEW WORK.
11. DEMO WALL MOUNTED LAUNDRY SINK. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK. COORDINATE WORK WITH NEW WORK
12. DEMO EXISTING ROOF, SUPPORTING STRUCTURE, FOUNDATIONS AND SLAB. CLEAN, PREP AND PATCH SURFACES FOR NEW WORK
13. DEMO EXISTING SLAB. CLEAN, PATCH AND PREP SURFACES FOR NEW WORK
15. DEMO EXISTING SEATS, RAMPS, RAILINGS AS NEEDED TO ACCOMMODEATE NEW WORK
24. DEMO EXISTING SEATS, RAMPS, RAILINGS AND FLOOR SLAB AS INDICATED TO ACCOMMODEATE NEW WORK
25. DEMO EXISTING LOCKERS AS INDICATED TO ACCOMMODEATE NEW WORK
26. DEMO EXISTING BUILT-IN RISERS TO BE LEVEL WITH ADJACENT FLOOR. CLEAN, PATCH AND PREP SURFACES FOR NEW WORK. RE-POUR THE SLAB IF NEEDED
27. REMOVE STOREFRONT TO THE EXTENT INDICATED. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
28. REMOVE WALL, AND STOREFRONT TO THE EXTENT INDICATED. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK.
29. REMOVE EXISTING FLOOR COMPLETELY INCLUDING ALL ADHESIVES AND FILLERS DOWN TO CONCRETE SUBSTRATE. PREP AND PRIME EXISTING SLAB TO MEET ACCEPTABLE LEVEL OF FINISH.
30. CUT AND PATCH EXISTING SLAB AND FLOORING, COORDINATE WORK WITH MEP
31. REMOVE EXISTING FLOOR AND CEILINGS
32. DEMO ALL WALL MOUNTED EQUIPMENT INCLUDING BUT NOT LIMITED TO SHELVING, ACOUSTICAL PANELS, MEPT EQUIPMEN
33. DEMO ALL WALL MOUNTED EQUIPMENT INCLUDING BUT NOT LIMITED TO SHELVING, ACOUSTICAL PANELS, MEPT EQUIPMEN

GENERAL NOTES: DEMO

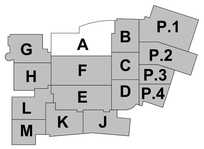
1. COORDINATE DEMOLITION WORK WITH NEW WORK.
2. CLEAN AND PREP SURFACES FOR NEW WORK.
3. COORDINATE DEMOLITION WORK WITH MEP WORK.
4. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL OF ANY DEMOLISHED DOORS, CASEWORK, MARKERBOARDS, CHALKBOARDS, ETC.
5. SEE FS. DRAWINGS FOR ADDITIONAL SLAB RECESS
6. DEMO RAMPS AS NEEDED TO ALLOW FOR 4" OF NEW SLAB WHERE APPLICABLE

DEMO PORTION OF THE BUILDING COMPLETELY, INCLDING BUT NOT LIMITED TO WALLS, ROOF, STRUCTURE, FOUNDATIONS, SLAB ETC

NOT IN SCOPE OF WORK



1 DEMOLITION PLAN - FIRST FLOOR - UNIT A
SCALE: 1/8" = 1'-0"



N
TRUE NORTH

LANCER ASSOCIATES ARCHITECTURE
145 NORTH EAST STREET
INDIANAPOLIS, IN 46204

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL PHASE 2
300 E MAIN ST, WHITELAND, IN 46184

REVISIONS:

#	Date	Desc.
1	9-30	ADD#1

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PROJECT: #22130
DATE: 08-30-2024
DRAWN BY: Author

DEMOLITION PLAN - FIRST FLOOR - UNIT A

AD101A

PLOT DATE/TIME: 9/30/2024 8:33:06 AM

PLAN NOTES - DEMOLITION

1 REMOVE WALL, AND STOREFRONT TO THE EXTENT INDICATED. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
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11 DEMO WALL MOUNTED LAUNDRY SINK. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK. COORDINATE WORK WITH NEW WORK
12 DEMO EXISTING ROOF, SUPPORTING STRUCTURE, FOUNDATIONS AND SLAB. CLEAN, PREP AND PATCH SURFACES FOR NEW WORK

PLAN NOTES - DEMOLITION

13 DEMO EXISTING SLAB. CLEAN, PATCH AND PREP SURFACES FOR NEW WORK
15 DEMO EXISTING SEATS, RAMPS, RAILINGS AS NEEDED TO ACCOMMODEATE NEW WORK
24 DEMO EXISTING SEATS, RAMPS, RAILINGS AND FLOOR SLAB AS INDICATED TO ACCOMMODEATE NEW WORK
25 DEMO EXISTING LOCKERS AS INDICATED TO ACCOMMODEATE NEW WORK
26 DEMO EXISTING BUILT-IN RISERS TO BE LEVEL WITH ADJACENT FLOOR. CLEAN, PATCH AND PREP SURFACES FOR NEW WORK. RE-POUR THE SLAB IF NEEDED
27 REMOVE STOREFRONT TO THE EXTENT INDICATED. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
28 REMOVE WALL, AND STOREFRONT TO THE EXTENT INDICATED. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
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32 DEMO ALL WALL MOUNTED EQUIPMENT INCLUDING BUT NOT LIMITED TO SHELVING, ACOUSTICAL PANELS, MEPT EQUIPMEN
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DEMO PORTION OF THE BUILDING COMPLETELY, INCLDING BUT NOT LIMITED TO WALLS, ROOF, STRUCTURE, FOUNDATIONS, SLAB ETC

NOT IN SCOPE OF WORK

1 DEMOLITION PLAN - FIRST FLOOR - UNIT C
SCALE: 1/8" = 1'-0"

N
TRUE NORTH

LANCER ASSOCIATES ARCHITECTURE
145 NORTH EAST STREET
INDIANAPOLIS, IN 46204

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL PHASE 2
300 E MAIN ST, WHITELAND, IN 46184

JERRY L CRIPE REGISTERED NO 880039 STATE OF INDIANA

REVISIONS:

#	Date	Desc.
1	9-30	ADD#1

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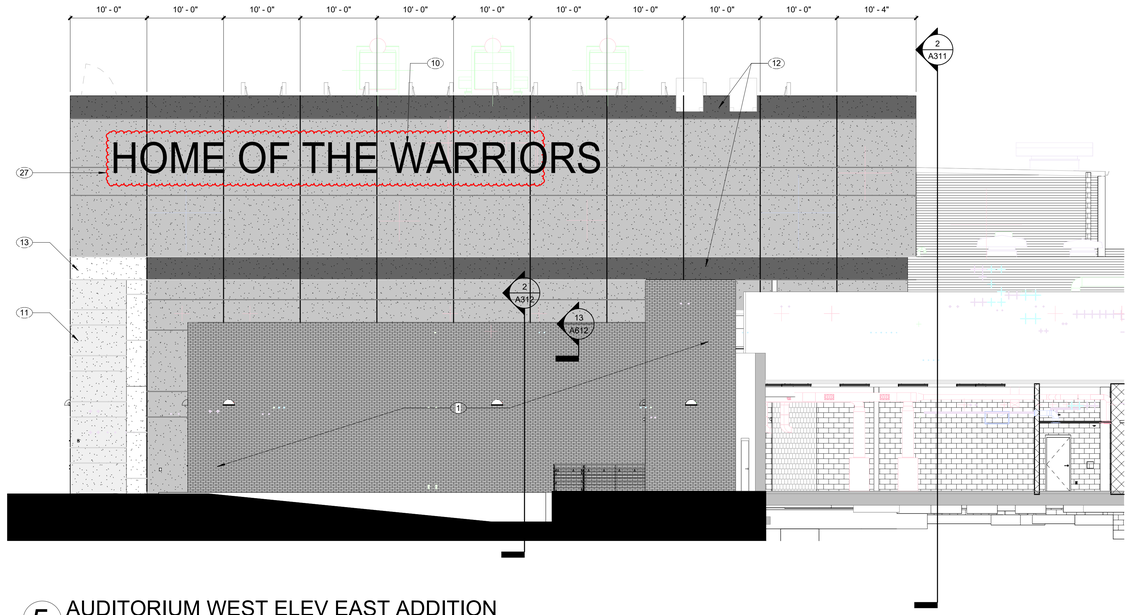
PROJECT: #22130
DATE: 08-30-2024
DRAWN BY: Author

DEMOLITION PLAN - FIRST FLOOR - UNIT C

AD101C

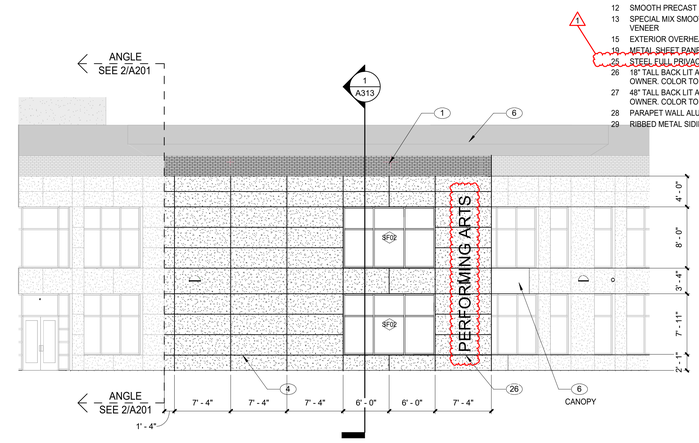
PLOT DATE/TIME: 9/30/2024 8:39:07 AM



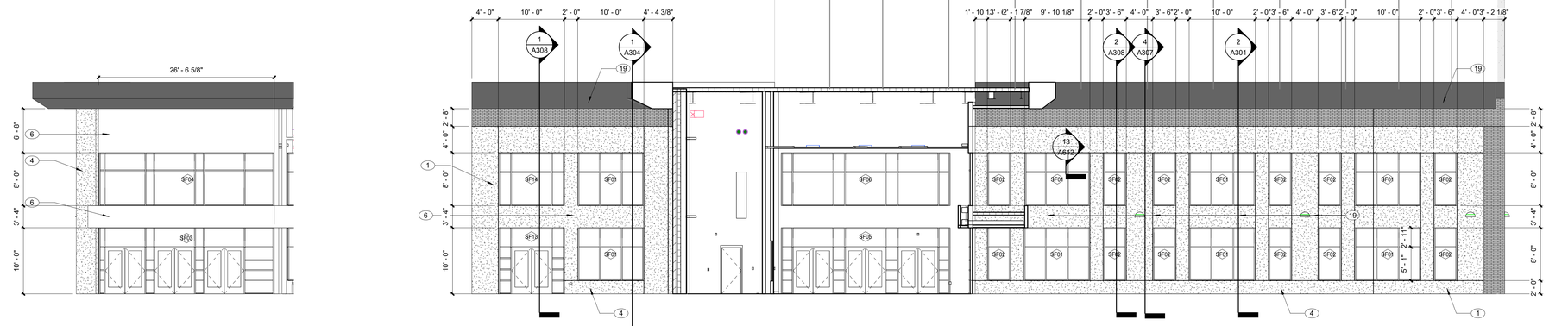
5 AUDITORIUM WEST ELEV EAST ADDITION
SCALE: 1/8" = 1'-0"

ELEVATION NOTES - EXTERIOR

1 BRICK COLOR "A"
2 BRICK COLOR "B"
3 GLAZED BRICK BANDING, 3 COURSES HIGH
4 LIMESTONE VENEER. PROVIDE COLORED GROUT
6 FLAT METAL PANEL SYSTEM, SIMILAR TO CITADEL ENVELOPE 2000.
7 ALUMINUM STOREFRONT SIM TO KAWNEER 451 UT, SEE SCHEDULE FOR 4.5" VS 6" DEEP STOREFRONT
10 SMOOTH PRECAST PANELS, PAINTED COLOR TO MATCH BRICK A
11 SMOOTH PRECAST PANELS, PAINTED COLOR TO MATCH BRICK B
12 SMOOTH PRECAST PANELS, PAINTED COLOR TO MATCH DARK BRICK
13 SPECIAL MIX SMOOTH PRECAST PANELS, PAINTED COLOR TO MATCH LIMESTONE VENEER
15 EXTERIOR OVERHEAD COILING DOOR
19 METAL SHEET PANELS, SIMILAR TO MBCI DESIGNER SERIES FLUTED
25 STEEL FULL PRIVACY GATE
26 18" TALL BACK LIT ALUMINUM LETTERING. FINAL DESIGN TO BE COORDINATED WITH OWNER. COLOR TO BE SELECTED BY DESIGNER.
27 48" TALL BACK LIT ALUMINUM LETTERING. FINAL DESIGN TO BE COORDINATED WITH OWNER. COLOR TO BE SELECTED BY DESIGNER.
28 PARAPET WALL ALUMINUM COPING CAP
29 RIBBED METAL SIDING

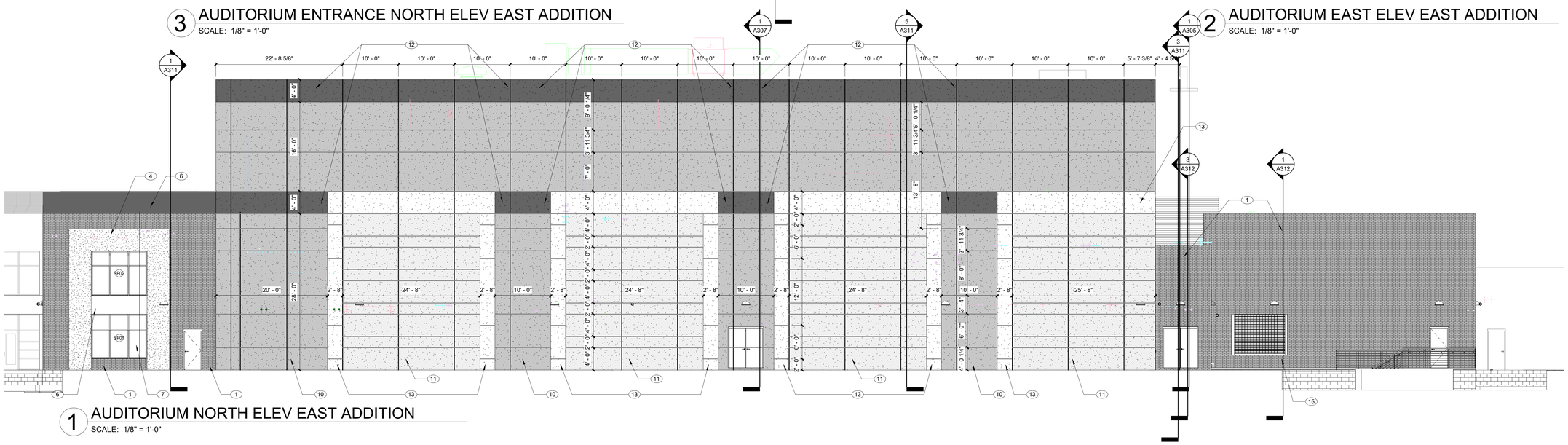


4 AUDITORIUM ENTRANCE EAST ELEV EAST ADDITION
SCALE: 1/8" = 1'-0"



3 AUDITORIUM ENTRANCE NORTH ELEV EAST ADDITION
SCALE: 1/8" = 1'-0"

2 AUDITORIUM EAST ELEV EAST ADDITION
SCALE: 1/8" = 1'-0"



1 AUDITORIUM NORTH ELEV EAST ADDITION
SCALE: 1/8" = 1'-0"

LANCER ASSOCIATES ARCHITECTURE
145 NORTH EAST STREET
INDIANAPOLIS, IN 46204

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL PHASE 2
300 E MAIN ST, WHITELAND, IN 46184

JERRY L. CRIPE REGISTERED NO. 8800139 STATE OF INDIANA

REVISIONS:

#	Date	Desc.
1	9-30	ADD#1

100% CONSTRUCTION DOCUMENTS

PROJECT:	#22130
DATE:	08-30-2024
DRAWN BY:	Author

EXTERIOR ELEVATIONS

A201

PLOT DATE/TIME: 9/30/2024 8:33:12 AM

LIGHT FIXTURE SCHEDULE

TAG	MANUFACTURER'S CATALOG NUMBER	MAX. WATTS	MOUNT	MIN. LUMEN OUTPUT *(D/I)	CCT	CRI	DESCRIPTION	REMARKS
L12	LUMENWERX #VIA4W-DI-ARO2-FH-ARO-SW-80-1200-750-40-8FT-UNV-D1-1C LITECONTROL #4L-M-IAD-LPAD-8-8-SOF-C1-40K-I075-D120-D01-1C-UNV-W1 MARK LIGHTING #S4WID LLP 8FT MSL8 80CRI 40K 1200LMF I80CRI I40K I800LMF SCT MIN1 FLL MVOLT WHTT ZT	158	WALL	9,600/6,000	4000	80	120V-277V, 4" x 8'-0" DIRECT/INDIRECT WALL MOUNTED LINEAR FIXTURE WITH FLUSH LENS AND ASYMMETRIC OPTIC. WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L12A	SAME AS L12 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L13-4	LUMENWERX #VSPLR-D-TMG-HL-SW-80CRI-1000LMF-40K-4FT-UNV-D1-1C-EF-MTL-NATA FORUM LIGHTING #AQR-F-32-100-40-SAT-4-277-WH-D10V A-LIGHT #D5 4 LH 40 80CRI U HE X X D K	39	RECESSED	4,000	4000	80	120V - 277V, 4"x 4'-0", SEALED LINEAR FIXTURE WITH TEMPERED CLEAR GLASS LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED IP66 WITH NATATORIUM FINISH. COLOR TO BE SELECTED BY ARCHITECT. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L13-4A	SAME AS L13-4 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L13-8	LUMENWERX #VSPLR-D-TMG-HLO-SW-80CRI-1000LMF-40K-8FT-UNV-D1-1C-EF-MTL-NATA FORUM LIGHTING #AQR-F-32-100-40-SAT-8-277-WH-D10V A-LIGHT #D5 8 LH 40 80CRI U HE X X D K	78	RECESSED	8,000	4000	80	120V - 277V, 4"x 4'-0", SEALED LINEAR FIXTURE WITH TEMPERED CLEAR GLASS LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED IP66 WITH NATATORIUM FINISH. COLOR TO BE SELECTED BY ARCHITECT. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L13-8A	SAME AS L13-8 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L13-12	LUMENWERX #VSPLR-D-TMG-HLO-SW-80CRI-1000LMF-40K-12FT-UNV-D1-1C-TF-NATA FORUM LIGHTING #AQR-F-32-100-40-SAT-12-277-WH-D10V A-LIGHT #D5 12 LH 40 80CRI U HE X X D K	116	RECESSED	12,000	4000	80	120V - 277V, 4"x 4'-0", SEALED LINEAR FIXTURE WITH TEMPERED CLEAR GLASS LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED IP66 WITH NATATORIUM FINISH. COLOR TO BE SELECTED BY ARCHITECT. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L13-12A	SAME AS L13-12 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L14	LUMENWERX #VSPLP-DI-TMG-HL-SW-80CRI-1000LMF-1000LMF-40K-8FT-UNV-D1-1C-TF-NATA FORUM LIGHTING #AQUD-32-95-40-SAT-H**-8-UNV-CC-D10V ACCOLADE #ALD2ST 8 ILH DLH 40 80CRI U HE BW S XX 1 D K	158	PENDANT	8000/8000	4000	80	120V - 277V, 4"x 8'-0", SEALED DIRECT/INDIRECT LINEAR FIXTURE WITH TEMPERED CLEAR GLASS LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED IP66 WITH NATATORIUM FINISH. COLOR TO BE SELECTED BY ARCHITECT. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L14A	SAME AS L14 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L15-4	LUMENWERX #VIA4R-HL0-FH-80-1200-DUO-4FT-120-0-10-1 LITECONTROL #4L-LG-D-4-6-SOF-C1-2765T-D120-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 4FT FLP FL 80CRI TUWH RHYR 1200LMF DARK 277	52	RECESSED	4,800	2700K-6000K	80	120V - 277V, 4"x 4'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS AND TUNABLE WHITE, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L15-4A	SAME AS L15-4 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L15-8	LUMENWERX #VIA4R-HL0-FH-80-1200-DUO-8FT-120-0-10-1 LITECONTROL #4L-LG-D-8-6-SOF-C1-2765T-D120-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 8FT FLP FL 80CRI TUWH RHYR 1200LMF DARK 277	104	RECESSED	9,600	2700K-6000K	80	120V - 277V, 4"x 8'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS AND TUNABLE WHITE, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L15-8A	SAME AS L15-8 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L15-12	LUMENWERX #VIA4R-HL0-FH-80-1200-DUO-12FT-120-0-10-1 LITECONTROL #4L-LG-D-12-6-SOF-C1-2765T-D120-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 12FT FLP FL 80CRI TUWH RHYR 1200LMF DARK 277	156	RECESSED	14,400	2700K-6000K	80	120V - 277V, 4"x 12'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS AND TUNABLE WHITE, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L15-12A	SAME AS L15-12 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L16	LUMENWERX #VIA4PDI-HLO-FH-CLO-LED-80-1200-500-DU-12FT-277-01-1-W LITECONTROL #4L-P-ID-STD-12-06-SOF-C1-2765T-I500-D120-D1-2C-UNV-XX- MARK LIGHTING #S4PID-LPP-12FT-MSL6-80CRI-TUWH-RHYR-1200LMF-I80CRI-600LMF-DCT-FFL-DC-MVOLT-XXX	192	PENDANT	20,400	2700K-6000K	80	120-277V, 4"X12'-0" DIRECT/INDIRECT LINEAR PENDANT WITH TUNABLE WHITE CONTROL.	
L16A	SAME AS L16 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L17	METALUX #4BCLED-LD4-48HL-F-UNV-L840-CD-1- COLUMBIA #CWM4-40MLSM-FRFP-EDU LITHONIA #BLWP4 48L ADP EZ1 LP840	51	WALL	4,800	4000	80	120-277V WALL MOUNTED BRACKET LIGHT. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED.	
L16A	SAME AS L16 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L18	METALUX #24GR-FA-LD5-85-F1-UNV-L840-CD-1-G3 **COLUMBIA # LJT24-40XLG-FAA12F(INV)-EDU-G3** **LITHONIA #2GTL-4-88L-FN-A12125-GZ10-LP840-ABC**	73	RECESSED	8,567	4000	80	120-277V, 2'X4' LENSED TROFFER WITH FLUSH WHITE EXTRUDED ALUMINUM DOOR FRAME AND FROSTED #12 PATTERN LENSE. FLIP LENSE WITH FLUSH SIDE DOWN. PROVIDE GASKET BETWEEN DOOR FRAME AND HOUSING,LENS AND FRAME AND FACE OF FIXTURE PROVIDE . 0-10V ELECTRONIC DIMMING TO 10% UL LISTED.	
L18A	SAME AS L18 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L19	Q-TRAN #TR1SW-535-DRY-STD-DF-S1-XX-1BC KELVIX #CH-011-2-FRS-SF-EC BEULUX # JE99-SLF-L400-IP00CT35-EC-MC-DTR-16-IP00	15	SURFACE	1,035	3500	80	277V, 3'-0" X 3/4" TALL LINEAR FIXTURE. PROVIDE NECESSARY MOUNT AND CABLING AS REQUIRED TO MAKE A COMPLETE AND OPERATIONAL SYSTEM. PROVIDE POWER SUPPLIES, AS REQUIRED, TO OPERATE WITH 0-10V DIMMING RELAY PANEL. UL LISTED	
TK1	CONTECH #8062V-S-35-D-P ALINE #A-FLX15-3515T-WH (2-CIRCIUTATK) ATK**-2C-WH JUNO #T254L-35K-S-W / T4-W	20	TRACK	1,480	3500	80	120V, TRACK LIGHT WITH SPOT DISTRIBUTION. PROVIDE AND INSTALL 2 CIRCUIT TRACK AND ALL NECESSARY COMPONENTS TO MAKE A COMPLETE AND OPERATIONAL SYSTEM. REFER TO DRAWINGS FOR TRACK LENGTH. COLOR TO BE SELECTED BY ARCHITECT.	
BL1	MCGRAW EDISON #ISS-SA1-D-740-U-T4W BEACON #QSP2-24L-50-4K7-4-UNV-XX LITHONIA #WSQ-P4-40K-SR4-MVOLT-XX	61	WALL	5,664	4000	70	120-277V, SMALL QUARTER SPHERE DIE CAST ALUMINUM WITH TYPE IV DISTRIBUTION, ELECTRONIC DRIVER. UL LISTED. COLOR BY ARCHITECT. MOUNT FIXTURE AT 10'-0" A.F.G. UNLESS OTHERWISE NOTED.	
BL1A	SAME AS BL1 EXCEPT WITH EMERGENCY BATTERY INVERTER							
HB1	METALUX #UHBS-1218-MV-L84050-U **COLUMBIA # CRN2-1-LSCS-EDMV** **LITHONIA #CPRB ALO13 MVOLT SWW9 80CRI PM DWH**	106	SUSPENDED	15,000	4000	80	120-277V, SELECTABLE HIGH BAY FIXTURE	
PD1-3	BETA CALCO #RNGP2P03-CR80-UD2-U1-DA01-DB01-SS-XXXX-CF-01-AP00-CS2-CO **SCOTT LIGHTING #S2A31-L144-72U-40K-**-OA-2C** **DAY-O-LITE # COML-44-DI DP 40 10000/5000 3 AC X**	144	SUSPENDED	10,000/ 5,000	4000	80	**120-277V, 3FT DIAMETER DIRECT/INDIRECT RING FIXTURE. CUSTOM COLOR TO BE SELECTED BY ARCHITECT. 0-10V ELECTRONIC DIMMING TO 10% UL LISTED.**	
PD1-6	BETA CALCO #RNGP2P06-CR80-UD2-U1-DA01-DB01-SS-XXXX-CF-01-AP00-CS2-CO **SCOTT LIGHTING #S2A34-L288-144U-40K-**-OA-20** DAY-O-LITE #COML-44-DI DP 40 21000/9000 6 AC X	302	SUSPENDED	21,000/ 9,000	4000	80	**120-277V, 6FT DIAMETER DIRECT/INDIRECT RING FIXTURE.CUSTOM COLOR TO BE SELECTED BY ARCHITECT. 0-10V ELECTRONIC DIMMING TO 10% UL LISTED.**	
PD1-9	BETA CALCO #RNGP2P09-CR80-UD2-U1-DA01-DB01-SS-XXXX-CF-01-AP00-CS2-CO **SCOTT LIGHTING #S2A36-Q-L504-168U-40K-**-OA-2C** **DAY-O-LITE #COML-44-DI DP 40 32000/16000 9 AC X**	454	SUSPENDED	32,000 /16,000	4000	70	**120-277V, 9FT DIAMETER DIRECT/INDIRECT RING FIXTURE.CUSTOM COLOR TO BE SELECTED BY ARCHITECT. 0-10V ELECTRONIC DIMMING TO 10% UL LISTED.**	
INV1	SURELITE #INV-220-PB-S DUAL LITE #LG250 ISOLITE #E3MIMI-250-MB	220	SURFACE				120-277V, 220VA WALL MOUNTED BATTERY INVERTER UL LISTED	
INV2	SURELITE #INV-375-PB-S DUAL-LITE #LG375S ISOLITE #E3-375-LC-V2	375	SURFACE				120-277V, 375VA WALL MOUNTED BATTERY INVERTER UL LISTED	
EM1	LIFE SAFETY LIGHTING #LSMM6-WL-PLED DUAL LITE #EL-SE-205LED ISOLITE #HZN NC MBC L65 SD	5	WALL	600			120-277V 5.0W LED HIGH LUMEN LAMPS WITH INJECTION MOLDED HIGH-IMPACT THERMAL PLASTIC HOUSING WITH CLEAR COVER. UL LISTED FOR WET LOCATIONS.	
EM2	SURE LITE #SEL50 ABL #ELM4L-UVOLT-LTP-SDRT DUAL LITE #EV2DI	1	UNIVERSAL	436	-	-	120-277V, WHITE POLYCARBONATE HOUSING AND HEADS WITH SELF DIAGNOSTICS. MINIMUM OF 90 MINUTES OF RUN TIME. UL LISTED	
EX1	SURE LITE #LPX-7-SD LITHONIA #LQM-S-W-3-R-120/277-EL N-SD DUAL LITE #EVE-U-R-W-E-I	2	UNIVERSAL	0	-	-	120-277V, WHITE POLYCARBONATE SELF POWERED EXIT SIGN WITH RED LETTERS AND NICKEL CADMIUM BATTERY. EXIT SIGN SHALL HAVE SELF DIAGNOSTIC. UL LISTED	
EX2	LIFE SAFETY LIGHTING #LSWLEZTEU-R-G-EM-CW-SDT BEGHELLI #PX-A-R-SA-AT LITHONIA #WLTE-GY-1-R-EL-SD	4	WALL	0	-	-	120-277C, POLYCARBONATE HOUSING WITH UV-STABILIZED POLYCARBONATE MOUNTING CANOPY WITH CLEAR LENSE. UL LISTED FOR WET LOCATIONS.	
EX3	SURE LITE #LPX-7-SD LITHONIA #LQM-S-B-3-R-120/277-EL N-SD DUAL LITE #EVE-U-R-B-E-I	2	UNIVERSAL	0	-	-	120-277V, BLACK POLYCARBONATE SELF POWERED EXIT SIGN WITH RED LETTERS AND NICKEL CADMIUM BATTERY. EXIT SIGN SHALL HAVE SELF DIAGNOSTIC. UL LISTED	
EX4	SURE LITE #EU-S-7-0-R LITHONIA DUAL LITE	2	UNIVERSAL	0	-	-	120-277V,EDGE-LITE SELF POWERED EXIT SIGN WITH RED LETTERS AND NICKEL CADMIUM BATTERY. EXIT SIGN SHALL HAVE SELF DIAGNOSTIC. UL LISTED	

GENERAL REMARKS:

A. NOT ALL FIXTURE TYPES ARE USED ON THIS PHASE

B. CONTRACTOR SHALL REFER TO DRAWINGS FOR LOCATIONS THAT REQUIRE DRYWALL FRAMES FOR RECESSED FIXTURES.

REMARKS:

LIGHT FIXTURE SCHEDULE

TAG	MANUFACTURER'S CATALOG NUMBER	MAX. WATTS	MOUNT	MIN. LUMEN OUTPUT *(D/I)	CCT	CRI	DESCRIPTION	REMARKS
DL1	HALO #HC4-20-D010-HM40525-840-41MD-H PRESCOLITE #LFR-4RD-M-20L40K8-MD-DM1 LFR-4RD-T-SS LFR-4RD-H LITHONIA #LDN4 40/20 LO4AR LSS MVOLT GZ10	23	RECESSED	1,933	4000	80	120-277V, 4" DIAMETER DOWNLIGHT WITH MEDIUM DISTRIBUTION AND SELF-FLANGED SEMI-SPECULAR CLEAR REFLECTOR. ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 1%. UL LISTED	
DL1A	SAME AS DL1 EXCEPT WITH EMERGENCY BATTERY INVERTER							
DL2	HALO #HC4-30-D010-HM43040-840-41MD-H PRESCOLITE #LFR-4RD-M-30L40K8-MD-DM1 LFR-4RD-T-SS LFR-4RD-H LITHONIA #LDN4 40/30 LO4AR LSS MVOLT GZ10	32	RECESSED	3,000	4000	80	120-277V, 4" DIAMETER DOWNLIGHT WITH MEDIUM DISTRIBUTION AND SELF-FLANGED SEMI-SPECULAR CLEAR REFLECTOR. ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 1%. UL LISTED	
DL2A	SAME AS DL2 EXCEPT WITH EMERGENCY BATTERY INVERTER							
DL3	HALO #HC4-20-D010-HM40525-840-41PS-MD-W PRESCOLITE #LFR-4RD-M-30L40K8-WD-DM1 LFR-4RD-T-SH-WT-ACL LFR-4RD-H **LITHONIA # LDN4 40/20 LO4AR TRW LSS MVOLT GZ10**	26	RECESSED	2,000	4000	80	120V-277V, 4" DOWN LIGHT WITH NON-CONDUCTIVE POLYMER "DEAD FRONT" REFLECTOR AND MEDIUM DISTRBIUTION WITH WHITE FLANGE. UL WET LOCATION LISTED.	
DL3A	SAME AS DL3 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L1	ALS #LPTW-4-WH-UD NEW STAR #AGG-G-24-OP-UN-TW0-CW56WATTS LITHONIA #CPXTW 2X4 TUWH RHYR 6000LM 80CRI SWL MVOLT NLT	56	RECESSED	4750-5250	2700K-6000K	80	120-277V, 2'X4' COLOR TUNNING FLAT PANEL. ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 10%. UL LISTED	
L1A	SAME AS L1 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L2	METALUX #24FPSL2SCT3-LOW **COLUMBIA #CBT24-A-LSCS-EDD** LITHONIA #CPX-2X4-AL08-80CRI-SWW7-SWL-MVOLT	28	RECESSED	3,150	4000	80	120-277V, 2'X4' LED FLAT PANEL WITH SELECTABLE LUMENS AND COLOR TEMPERAUTRE. 0-10V ELECTRONIC DIMMING TO 10% UL LISTED. COLOR TEMPERATURE AND LUMEN OUTPUT TO BE SET AT FACTORY AS INDICATED..	
L2A	SAME AS L2 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L3	METALUX #24FPSL2SCT3-MED **COLUMBIA #CBT24-A-LSCS-EDD** LITHONIA #CPX-2X4-AL08-80CRI-SWW7-SWL-MVOLT	40	RECESSED	4,550	4000	80	120-277V, 2'X4' LED FLAT PANEL WITH SELECTABLE LUMENS AND COLOR TEMPERAUTRE. 0-10V ELECTRONIC DIMMING TO 10% UL LISTED. COLOR TEMPERATURE AND LUMEN OUTPUT TO BE SET AT FACTORY AS INDICATED..	
L3A	SAME AS L3 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L4	METALUX #24FPSL2SCT3-HIGH COLUMBIA LITHONIA #CPX-2X2-AL07-80CRI-SWW7-SWL	56	RECESSED	6,011	4000	80	120-277V, 2'X4' LED FLAT PANEL WITH SELECTABLE LUMENS AND COLOR TEMPERAUTRE. 0-10V ELECTRONIC DIMMING TO 10% UL LISTED. COLOR TEMPERATURE AND LUMEN OUTPUT TO BE SET AT FACTORY AS INDICATED..	
L4A	SAME AS L4 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L5-2	LUMENWERX #VIA4R-HLO-FH-SW-80-1000-40-2FT LITECONTROL #4L-LG-D-2-6-SOF-C1-40K-D100-D01-1C-UNV-W1 MARK LIGHTING #SL4L-LOP-2FT-FLP-XX-80CRI-40K-1000LMF-277	21	RECESSED	2,000	4000	80	120V - 277V, 4"x 2'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L5-2A	SAME AS L5-2 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L5-4	LUMENWERX #VIA4R-HLO-FH-SW-80-1000-40-4FT LITECONTROL #4L-LG-D-4-6-SOF-C1-40K-D100-D01-1C-UNV-W1 MARK LIGHTING #SL4L-LOP-4FT-FLP-XX-80CRI-40K-1000LMF-277	41	RECESSED	4,000	4000	80	120V - 277V, 4"x 4'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L5-4A	SAME AS L5-4 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L5-8	LUMENWERX #VIA4R-HLO-FH-SW-80-1000-40-8FT LITECONTROL #4L-LG-D-8-6-SOF-C1-40K-D100-D01-1C-UNV-W1 MARK LIGHTING #SL4L-LOP-8FT-FLP-XX-80CRI-40K-1000LMF-277	82	RECESSED	8,000	4000	80	120V - 277V, 4"x 8'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L5-8A	SAME AS L5-8 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L5-10	LUMENWERX #VIA4R-HLO-FH-SW-80-1000-40-10FT LITECONTROL #4L-LG-D-10-6-SOF-C1-40K-D100-D01-1C-UNV-W1 MARK LIGHTING #SL4L-LOP-10FT-FLP-XX-80CRI-40K-1000LMF-277	102	RECESSED	10,000	4000	80	120V - 277V, 4"x 10'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L5-10A	SAME AS L5-10 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L5-12	LUMENWERX #VIA4R-HLO-FH-SW-80-1000-40-12FT LITECONTROL #4L-LG-D-12-6-SOF-C1-40K-D100-D01-1C-UNV-W1 MARK LIGHTING #SL4L-LOP-12FT-FLP-XX-80CRI-40K-1000LMF-277	122	RECESSED	12,000	4000	80	120V - 277V, 4"x 12'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L5-12A	SAME AS L5-12 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L5-16	LUMENWERX #VIA4R-HLO-FH-SW-80-1000-40-16FT LITECONTROL #4L-LG-D-16-6-SOF-C1-40K-D100-D01-1C-UNV-W1 MARK LIGHTING #SL4L-LOP-16FT-FLP-XX-80CRI-40K-1000LMF-277	164	RECESSED	160,000	4000	90	120V - 277V, 4"x 16'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L5-16A	SAME AS L5-16 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L5-20	LUMENWERX #VIA4R-HLO-FH-SW-80-1000-4020FT LITECONTROL #4L-LG-D-20-6-SOF-C1-40K-D100-D01-1C-UNV-W1 MARK LIGHTING #SL4L-LOP-20FT-FLP-XX-80CRI-40K-1000LMF-277	204	RECESSED	12,000	4000	80	120V - 277V, 4"x 12'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L5-20A	SAME AS L5-20 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L6-4	LUMENWERX #VIA4R-HLO-FH-SW-80-1200-40-4FT LITECONTROL #4L-LG-D-4-6-SOF-C1-40K-D120-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 4FT FLP XX 80CRI 40K 1200LMF MIN1 120 ZT	44	RECESSED	4,800	4000	80	120V - 277V, 4"x 4'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L6-4A	SAME AS L6-4 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L6-8	LUMENWERX #VIA4R-HLO-FH-SW-80-1200-40-8FT LITECONTROL #4L-LG-D-8-6-SOF-C1-40K-D120-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 8FT FLP XX 80CRI 40K 1200LMF MIN1 120 ZT	88	RECESSED	9,600	4000	80	120V - 277V, 4"x 8'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L6-8A	SAME AS L6-8 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L7-4	LUMENWERX #VIA4R-HLO-FH-SW-80-1500-40-4FT LITECONTROL #4L-LG-D-4-4-SOF-C1-40K-D150-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 4FT FLP XX 80CRI 40K 1500LMF MIN1 120 ZT	60	RECESSED	6,000	4000	80	120V - 277V, 4"x 4'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L7-4A	SAME AS L7-4 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L7-20	LUMENWERX #VIA4R-HLO-FH-SW-80-1500-40-20FT LITECONTROL #4L-LG-D-20-8-SOF-C1-40K-D150-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 20FT FLP XX 80CRI 40K 1500LMF MIN1 120 ZT	300	RECESSED	30,000	4000	80	120V - 277V, 4"x 20'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L7-22	LUMENWERX #VIA4R-HLO-FH-SW-80-1500-40-22FT LITECONTROL #4L-LG-D-22-8-SOF-C1-40K-D150-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 20FT FLP XX 80CRI 40K 1500LMF MIN1 120 ZT	330	RECESSED	33,000	4000	80	120V - 277V, 4"x 22'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L7-24	LUMENWERX #VIA4R-HLO-FH-SW-80-1500-40-24FT LITECONTROL #4L-LG-D-24-8-SOF-C1-40K-D150-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 24FT FLP XX 80CRI 40K 1500LMF MIN1 120 ZT	360	RECESSED	36,000	4000	80	120V - 277V, 4"x 24'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L7-26	LUMENWERX #VIA4R-HLO-FH-SW-80-1500-40-26FT LITECONTROL #4L-LG-D-26-8-SOF-C1-40K-D150-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 26FT FLP XX 80CRI 40K 1500LMF MIN1 120 ZT	390	RECESSED	39,000	4000	80	120V - 277V, 4"x 26'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L7-28	LUMENWERX #VIA4R-HLO-FH-SW-80-1500-40-28FT LITECONTROL #4L-LG-D-28-8-SOF-C1-40K-D150-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 28FT FLP XX 80CRI 40K 1500LMF MIN1 120 ZT	420	RECESSED	42,000	4000	80	120V - 277V, 4"x 28'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L7-32	LUMENWERX #VIA4R-HLO-FH-SW-80-1500-40-32FT LITECONTROL #4L-LG-D-32-8-SOF-C1-40K-D150-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 32FT FLP XX 80CRI 40K 1500LMF MIN1 120 ZT	480	RECESSED	48,000	4000	80	120V - 277V, 4"x 32'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L7-34	LUMENWERX #VIA4R-HLO-FH-SW-80-1500-40-34FT LITECONTROL #4L-LG-D-34-8-SOF-C1-40K-D150-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 34FT FLP XX 80CRI 40K 1500LMF MIN1 120 ZT	510	RECESSED	51,000	4000	80	120V - 277V, 4"x 34'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L7-36	LUMENWERX #VIA4R-HLO-FH-SW-80-1500-40-36FT LITECONTROL #4L-LG-D-36-8-SOF-C1-40K-D150-D01-1C-UNV-W1 MARK LIGHTING #SL4L LOP 36FT FLP XX 80CRI 40K 1500LMF MIN1 120 ZT	540	RECESSED	54,000	4000	80	120V - 277V, 4"x 36'-0", RECESSED LINEAR FIXTURE WITH FLUSH LENS, WHITE FINISH. 0-10V DIMMING DRIVER, DIMMABLE TO 1%. ELECTRONIC DRIVER WITH <20% THD. UL LISTED. CONTROL WIRING REQUIRED FOR OPERATION OF 0-10V DIMMING.	
L8	METALUX #14FPSL4235C-HIGH **COLUMBIA #CBT14-A-LSCS-EDD** LITHONIA #CPX-1X4-AL07-80CRI-SWW7-SWL-MVOLT.	38	RECESSED	4,100	3500	80	120-277V, 1'X4' RECESSED LED PANEL. ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 10%. UL LISTED.	
L8A	SAME AS L8 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L9	FAIL-SAFE #FSP14-42-40-CP125-DFCL-1248W-U NEW STAR #AGV-14-OP-UN-40-DM1 KENALL #CVSEDO-14-45L-40K8-DIM-DV-5F-4H-SYM-FN	45	RECESSED	3,800	4000	80	120-277V, 1'X4' SEALED LED FLAT PANEL WITH 0.125 CLEAR POLYCARBONATE LENS AND DRYWALL KIT. 0-10V ELECTRONIC DIMMING TO 10% UL WET LOCATION LISTED.	
L9A	SAME AS L9 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L10	METALUX #4SNLED-LD5-41SL-LN-UNV-L840-CD1 LITHONIA #Z1LD-L48-SMR-3000LM-FST-MVOLT-40K-80CRI-WH COLUMBIA #CLS4-LSCS-GLH5	40	SUSPENDED	3,966	4000	80	120-277V, 4' LINEAR STRIP FIXTURE WITH FROSTED LENS AND COLD ROLLED STEEL HOUSING. ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 10%. UL LISTED	
L10A	SAME AS L10 EXCEPT WITH EMERGENCY BATTERY INVERTER							
L11	METALUX #4VT3-LD5-8W-UNV-EL10W-L840-CD1 COLUMBIA #LXEM4-40VL-RFP-EDU LITHONIA #FEM L48 8000LM IMAFL MD MVOLT GZ10 40K 80CRI	67	SUSPENDED	8,000	4000	80	120-277V, 4' LED VAPOR TIGHT STRIP LIGHT, FULLY GASKETED, FIBERGLASS HOUSING AND LENS. UL WET LOCATION LISTED.	
L11A	SAME AS L11 EXCEPT WITH EMERGENCY BATTERY INVERTER							

LANCER
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145 N. EAST ST.
INDIANAPOLIS, IN 46204

PRIMARY ENGINEERING INC

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Fort Wayne, Indiana 46805
260.424.0444 ph
info@primary-eng.com

Indianapolis
9785 Crosspoint Blvd., Suite 103
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CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL PHASE 2
300 E MAIN ST, WHITELAND, IN 46184

MICHAEL E. LUBBEHUSEN
No. PE10302397

REVISIONS:

#	Date	Desc.
1	09/30/2024	ADDENDUM #1

100% CONSTRUCTION DOCUMENTS

PROJECT: #22130
DATE: 08-30-2024
DRAWN BY: RHA

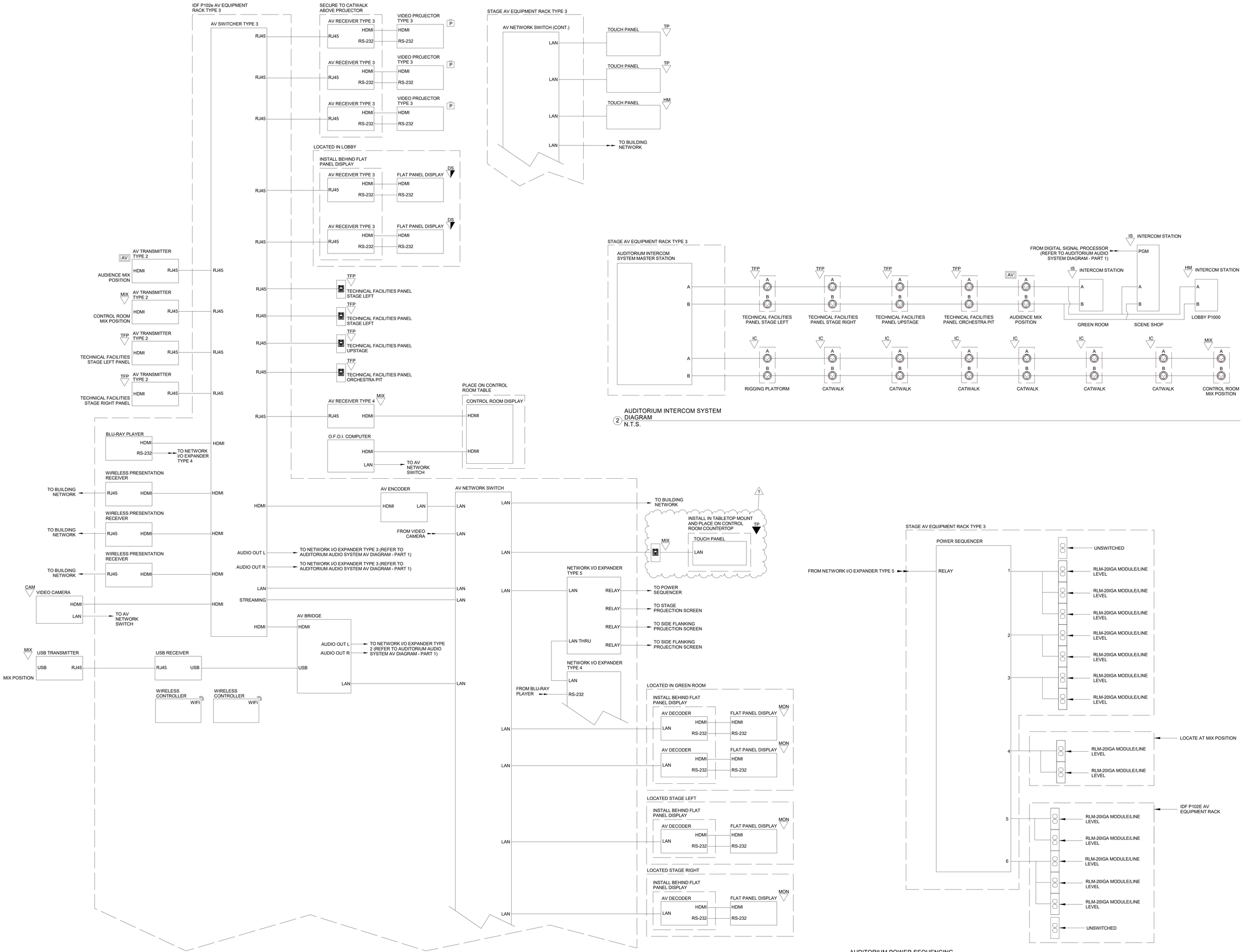
SCHEDULES

E702

PRIMARY JOB # 23536

PLOT DATE/TIME:9/27/2024 11:05:47 AM
Autodesk Docs://23536 Whiteland Comm HS Ph2/536 Whiteland HS Phase II Elec V23.rvt

IF THE WHEEL PRINTED BELOW IS NOT SHOWN IN COLOR, THIS SET OF PRINTS IS NOT REPRESENTING ALL LINE TYPES CORRECTLY. CONTACT PRIMARY ENGINEERING FOR DIRECTIONS ON HOW TO OBTAIN A FULL COLOR SET OF PRINTS



1 AUDITORIUM AV SYSTEM DIAGRAM
N.T.S.

2 AUDITORIUM INTERCOM SYSTEM DIAGRAM
N.T.S.

3 AUDITORIUM POWER SEQUENCING SYSTEM DIAGRAM
N.T.S.

PLOT DATE/TIME: 9/27/2024 4:12:19 PM

LANCER ASSOCIATES ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

DESIGN 27 TECHNOLOGY + ACOUSTICS
1650 E. 49TH ST.
INDIANAPOLIS, IN
46205
317.536.8000
DESIGN27.COM

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL PHASE 2
300 E MAIN ST, WHITELAND, IN 46184

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

REVISIONS:

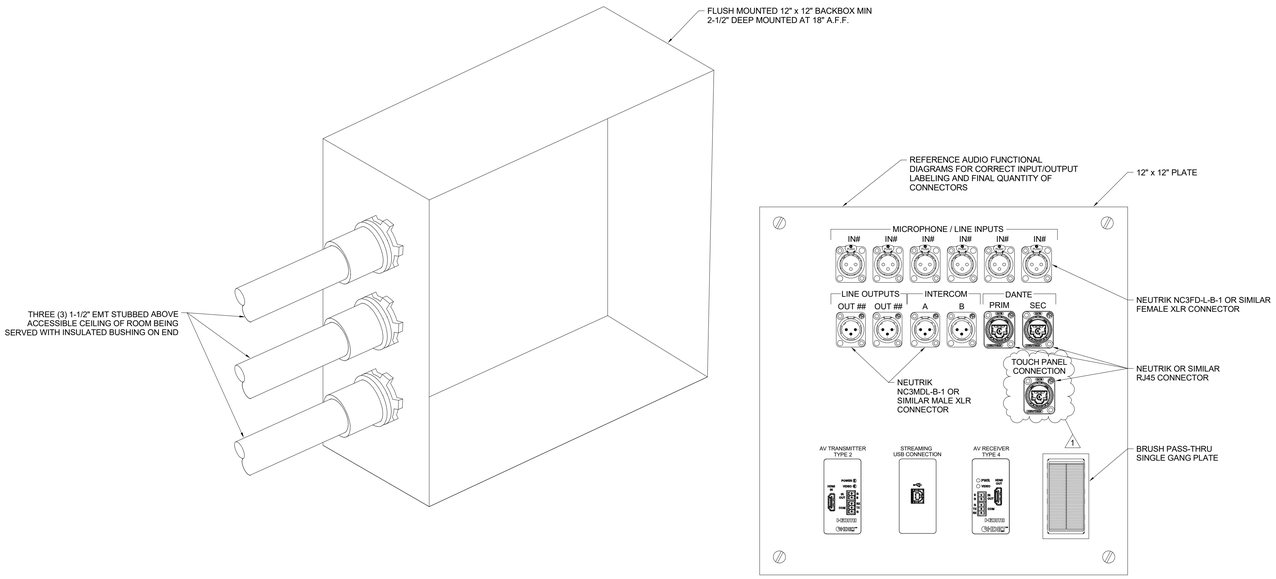
#	Date	Desc.
1	09/30/24	ADDENDUM 1

100% CONSTRUCTION DOCUMENTS

PROJECT: #22130
DATE: 08/30/2024
DRAWN BY: MRF

AUDIO VISUAL DIAGRAMS

T310



1 AUDIO MIXING LOCATION
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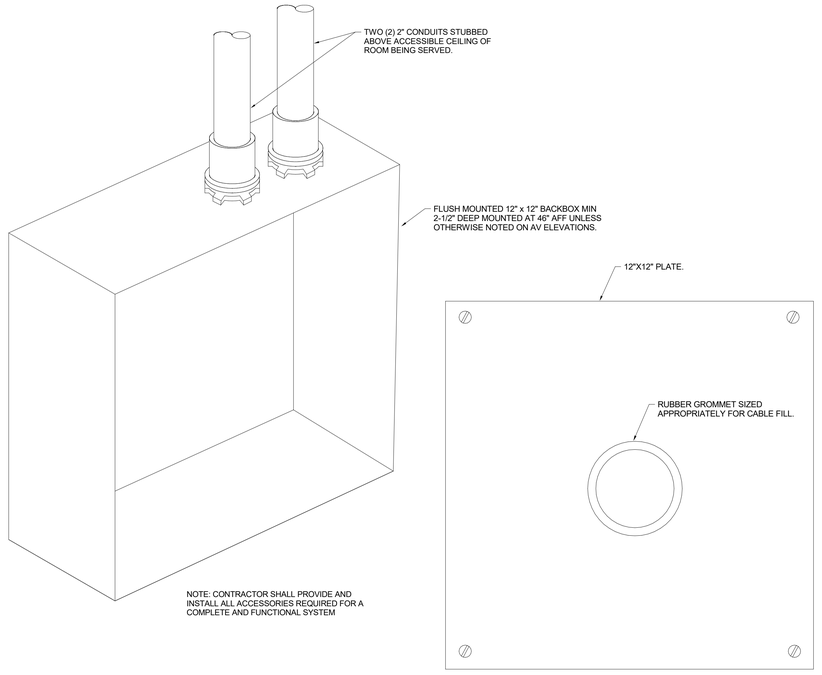

2 AV EQUIPMENT RACK LOCATION
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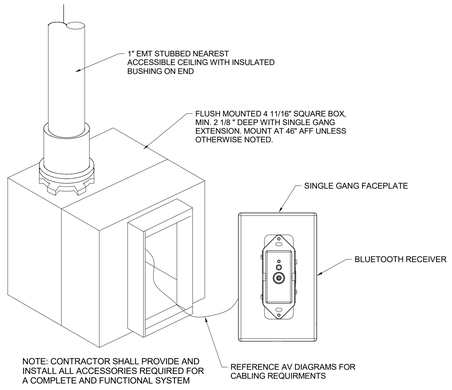

3 BLUETOOTH RECEIVER LOCATION
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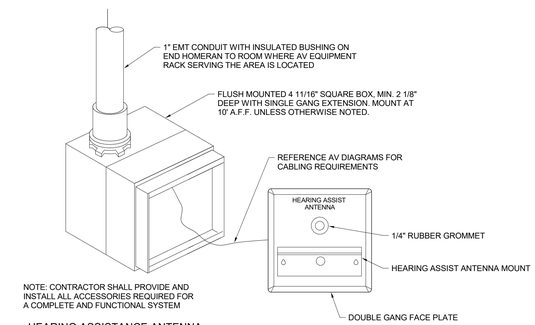

4 HEARING ASSISTANCE ANTENNA LOCATION
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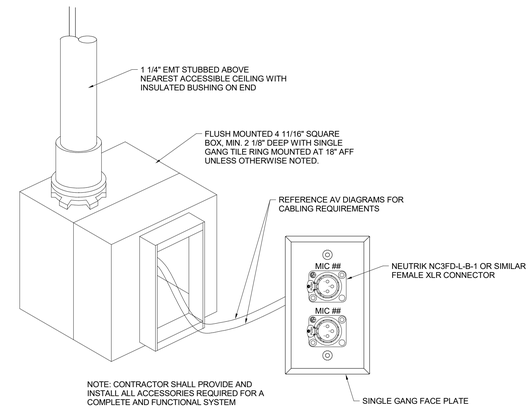

5 MICROPHONE INPUT LOCATION
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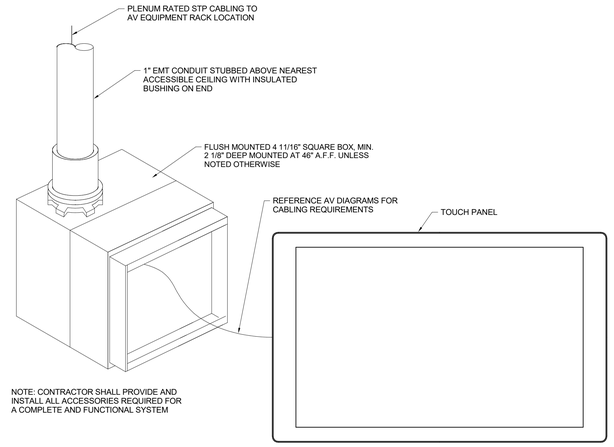

6 TOUCH PANEL LOCATION
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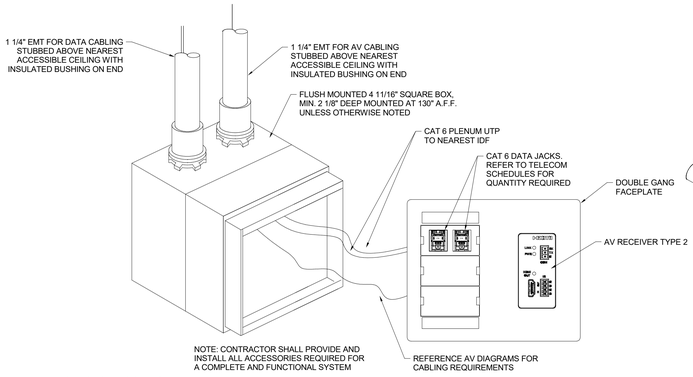
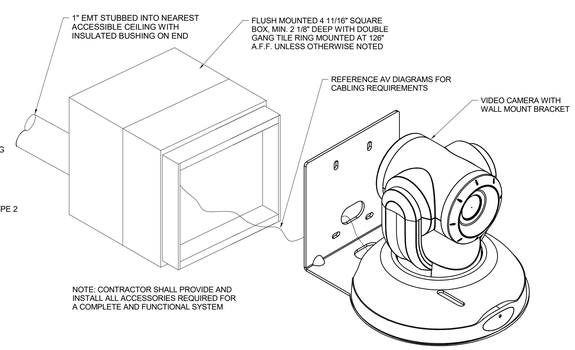
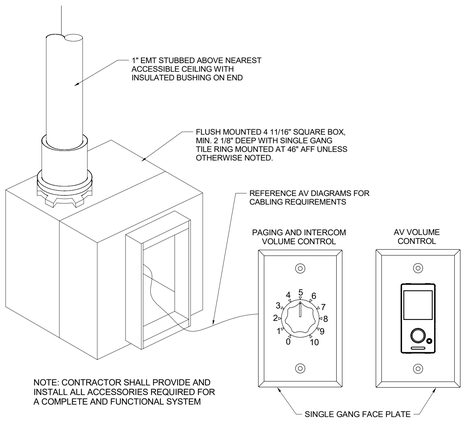


10 PROJECTOR LOCATION - WALL MOUNTED
12" = 1'-0"



7 VIDEO CAMERA LOCATION
N.T.S.



8 VOLUME CONTROL LOCATION
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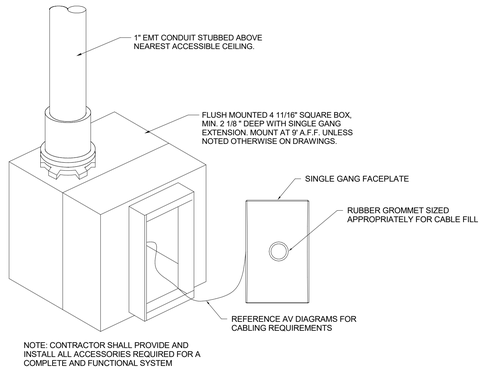

9 PAGING SPEAKER - WALL MOUNTED
N.T.S.

PLOT DATE/TIME:9/27/2024 4:32:09 PM

LANCER ASSOCIATES ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

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CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL PHASE 2
300 E MAIN ST, WHITELAND, IN 46184

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

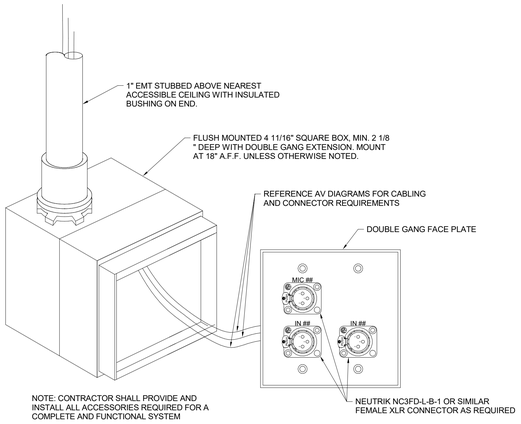
REVISIONS:			
#	Date	Desc.	
1	09/30/24	ADDENDUM 1	

100% CONSTRUCTION DOCUMENTS

PROJECT:	#22130
DATE:	08/30/2024
DRAWN BY:	MRF

TECHNOLOGY DETAILS

T401



1 AUDIO CONNECTION LOCATION - TYPE 1
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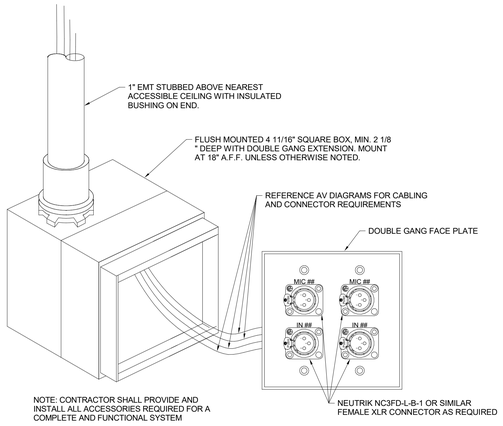

2 AUDIO CONNECTION LOCATION - TYPE 2
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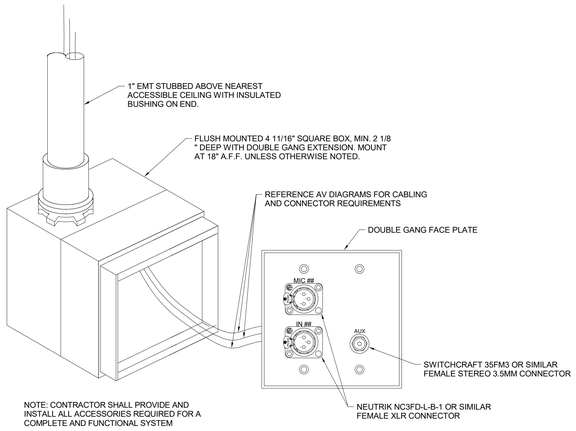

3 AUDIO CONNECTION LOCATION - TYPE 3
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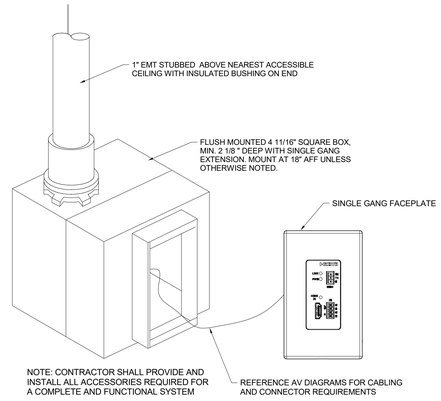
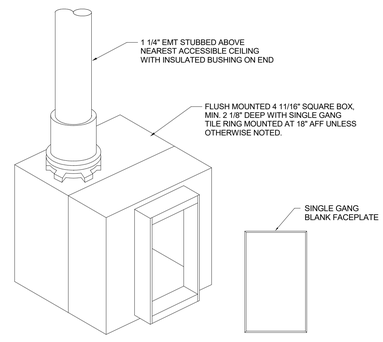


4 AV INPUT LOCATION - TYPE 1
N.T.S.



5 VIDEO INPUT ROUGH-IN LOCATION
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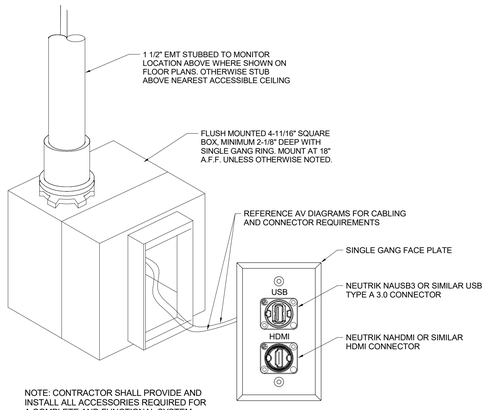

6 AV INPUT LOCATION - TYPE 2
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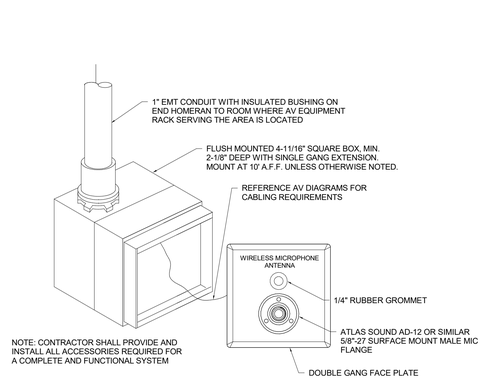

7 WIRELESS MICROPHONE ANTENNA LOCATION
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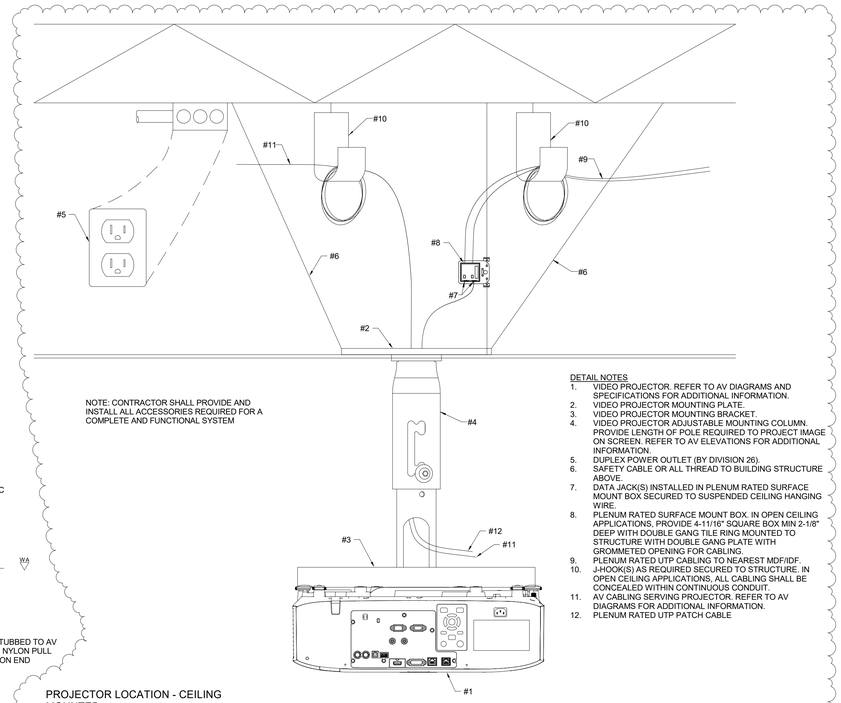

8 PROJECTOR LOCATION - CEILING MOUNTED
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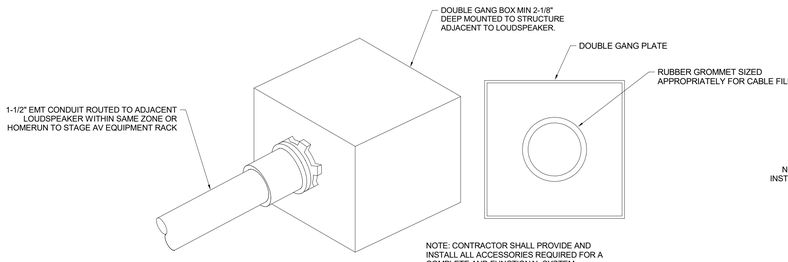

9 LOUDSPEAKER JUNCTION BOX LOCATION
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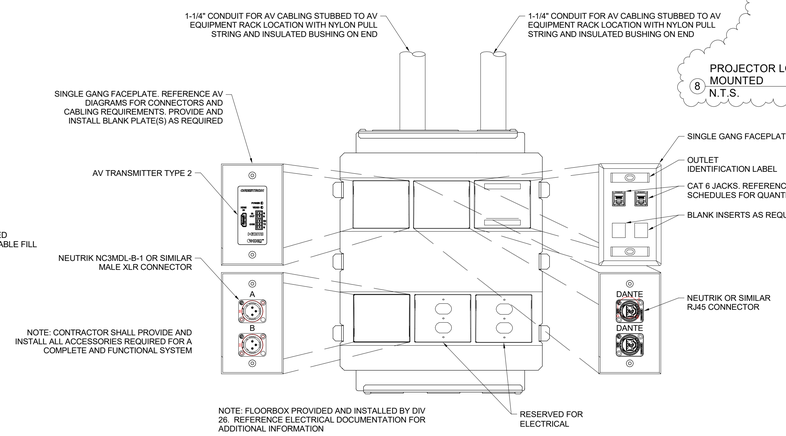


10 AV FLOOR BOX LOCATION
N.T.S.

LANCER ASSOCIATES ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

DESIGN 27 TECHNOLOGY + ACOUSTICS
1650 E. 49TH ST.
INDIANAPOLIS, IN
46205
317.536.8000
DESIGN27.COM

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL PHASE 2
300 E MAIN ST, WHITELAND, IN 46184

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

REVISIONS:		
#	Date	Desc.
1	09/30/24	ADDENDUM 1

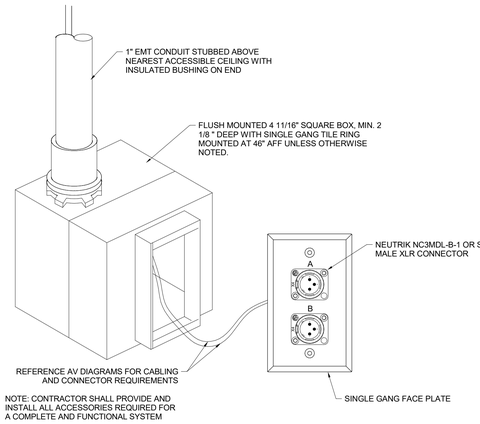
100% CONSTRUCTION DOCUMENTS

PROJECT:	#22130
DATE:	08/30/2024
DRAWN BY:	MRF

TECHNOLOGY DETAILS

T402

PLOT DATE/TIME: 9/27/2024 4:43:12 PM



1 INTERCOM CONNECTION LOCATION
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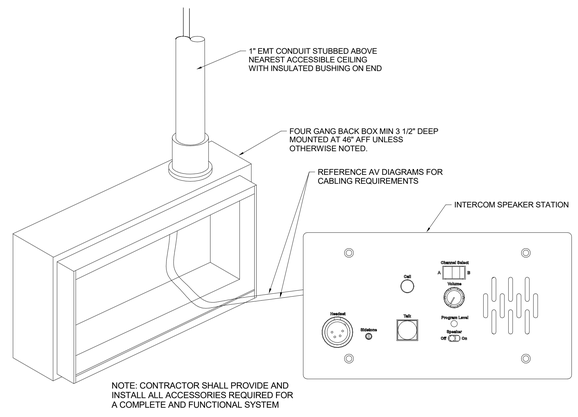

2 INTERCOM SPEAKER STATION LOCATION
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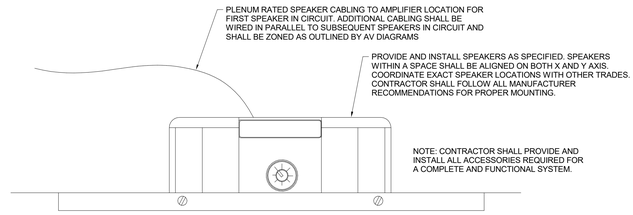

3 PROGRAM SPEAKER LOCATION - CEILING MOUNTED
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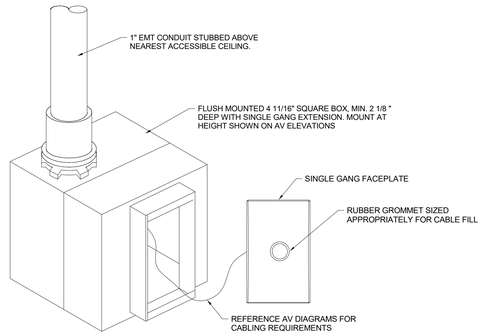

4 PROGRAM SPEAKER LOCATION - WALL MOUNTED
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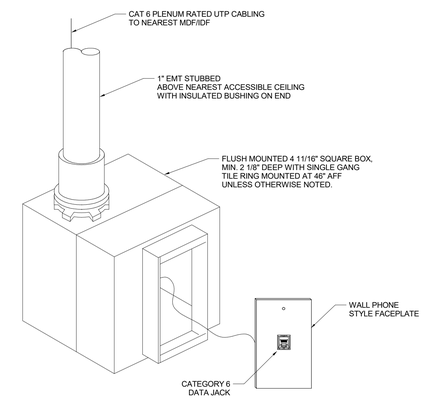

5 TIME CLOCK LOCATION
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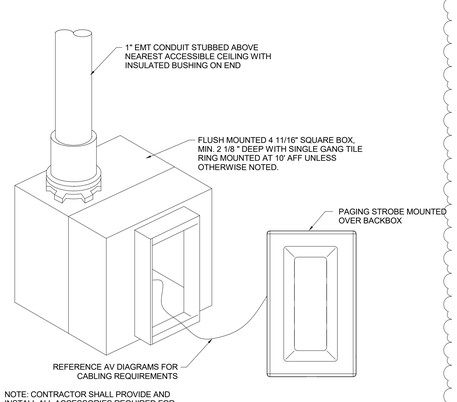

6 PAGING STROBE LIGHT LOCATION
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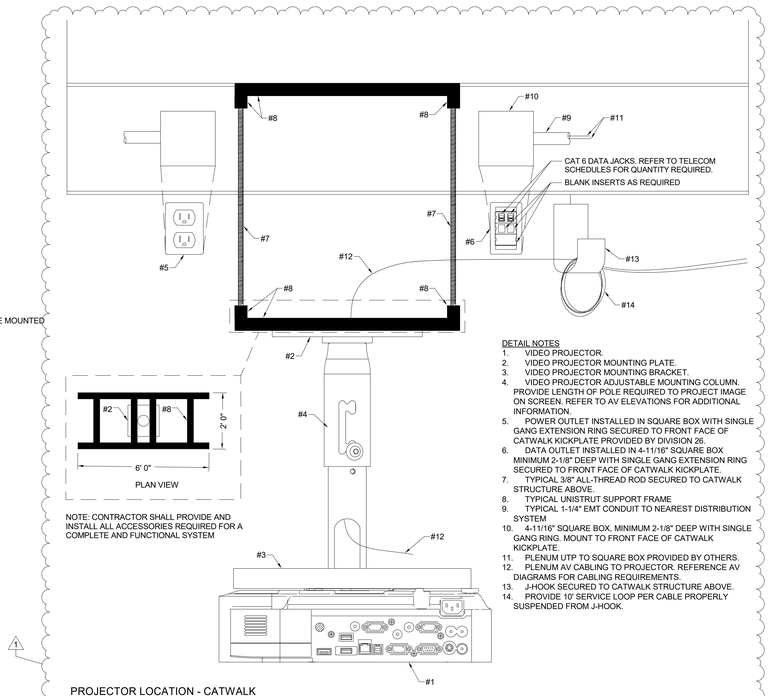
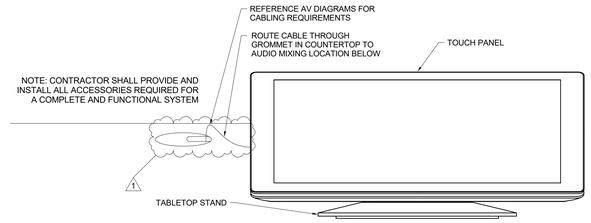


7 PROJECTOR LOCATION - CATWALK MOUNTING DETAIL
N.T.S.



8 TABLETOP TOUCH PANEL LOCATION
N.T.S.

LANCER ASSOCIATES ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

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317.536.8000
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CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL PHASE 2
300 E MAIN ST, WHITELAND, IN 46184

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Douglas J Driscoll
BICSI ID # 123408
EXPIRES 12-31-26
RCDD

REVISIONS:

#	Date	Desc.
1	09/30/24	ADDENDUM 1

100% CONSTRUCTION DOCUMENTS

PROJECT: #22130
DATE: 08/30/2024
DRAWN BY: MRF

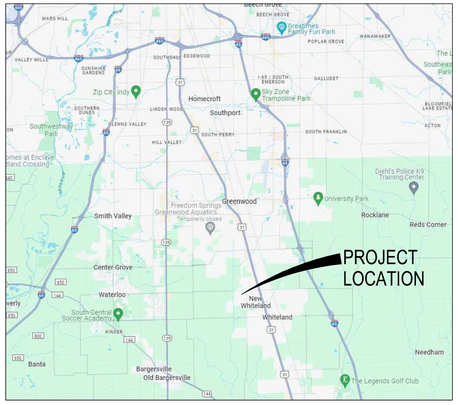
TECHNOLOGY DETAILS

T403

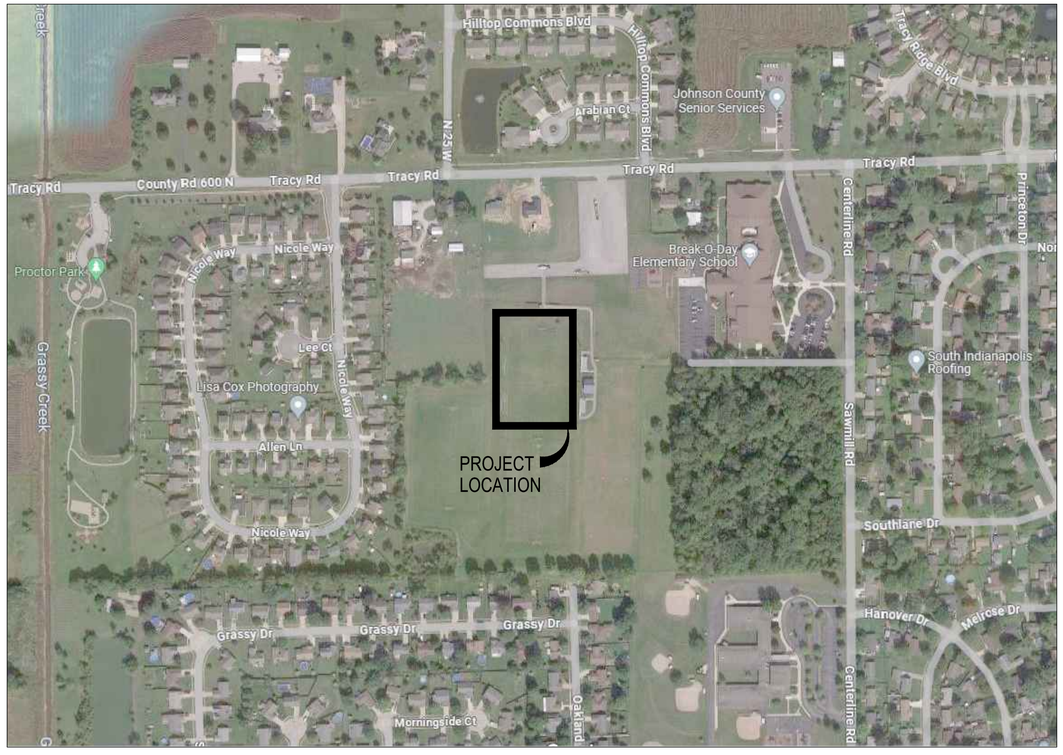
PLOT DATE/TIME:9/27/2024 4:42:13 PM

FINAL CONSTRUCTION DOCUMENTS

CLARK PLEASANT-SOCCER FIELD
PHASE 2 TURF INSTALLED
139 W TRACY ROAD
NEW WHITELAND, INDIANA



VICINITY MAP
NO SCALE



LOCATION MAP
NO SCALE

PLAN INDEX	
SHEET #	SUBJECT
100	TITLE SHEET
200	TOPOGRAPHICAL SURVEY
300	UTILITY AND GRADING PLAN
400	EROSION CONTROL PLAN
401	STORMWATER POLLUTION PREVENTION PLAN

OWNER
CLARK PLEASANT
COMMUNITY SCHOOLS
50 CENTER STREET
WHITELAND, IN 46184
PHONE: (317) 535-3277 X6930
CONTACT: SAM ARNES
EMAIL: SARNES@CPCSC.K12.IN.US

ENGINEER
CROSSROAD ENGINEERS, PC
115 N. 17TH AVENUE
BEECH GROVE, IN 46107
PHONE: (317) 780-1555
CONTACT: GREGORY J. ILKO
EMAIL: gilko@crossroadengineers.com

ARCHITECT
LANCER ASSOCIATES ARCHITECTURE
145 N EAST STREET
INDIANAPOLIS, IN 46204
PHONE: (651) 500-9487
CONTACT: COLIN LIU
EMAIL: cliu@lancerarchitects.com

DIRECTORY PATH : R:\Active\Lancer+Beebe\Clark Pleasant Soccer - New Whiteland\Design\CAD\Ph 2 Soccer Field
FILENAME : 100 TITLE.dwg
DATE/USER : 8/23/2024 2:53 PM / Cmattox

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th Avenue, Beech Grove, IN 46107 (317) 780-1555

SHEET 100

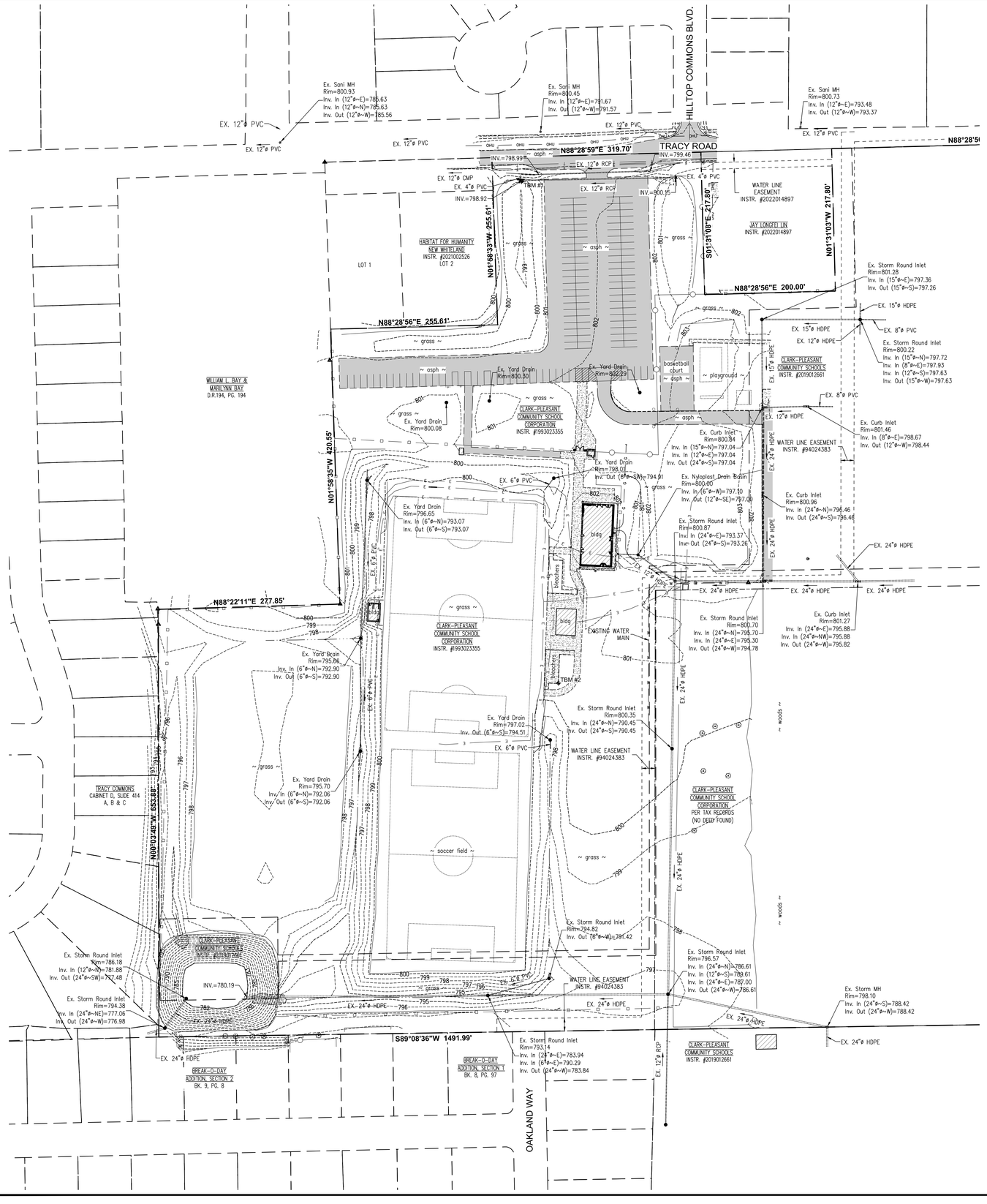
TITLE SHEET

CLARK PLEASANT-SOCCER FIELD

JOB No.	-	DRAWN	KLF	CHECKED	CJI	APPR.	CJI
DATE	AUGUST 30, 2024	DESIGNED	DMS				

GREGORY J. ILKO
REGISTERED
NO. 10300059
STATE OF INDIANA
PROFESSIONAL ENGINEER

NO.	DATE	REVISIONS	BY	APPR.
1	09.27.24	REVISIONS PER ADDENDUM #1	CDM	CJI
2				
3				
4				
5				
6				
7				
8				
9				



EXISTING LEGEND

POWERPOLE	800 CONTOURS
LIGHT POLE W/ARM	PROPERTY LINE
LIGHT POLE	SECTION LINE
ELECTRIC BOX	EASEMENT
HAND HOLE	ADJOINER LINE
TELEPHONE RISER	PAVEMENT LINE
WATER VALVE	WOOD FENCE
FIRE HYDRANT	CHAINLINK FENCE
POST INDICATOR VALVE	DITCH
WATER METER	WATER LINE
SIGN	TELEPHONE LINE
LIFT STATION	ELECTRIC LINE
STORM ROUND INLET	OVERHEAD UTILITY LINE
STORM CURB INLET	TREE LINE
TREE, BUSH & STUMP	SANITARY SEWER W/MANHOLE
TEMP. BENCHMARK	STORM SEWER W/ MANHOLE & END SECTION
MONUMENT FOUND	

ASPHALT, BUILDING, CONCRETE, GRAVEL, REMOVAL/DEMOLISH

TOPOGRAPHICAL NOTES

1. SURVEY PROVIDED BY BANNING ENGINEERING DATED 02/15/2024.
2. CONTRACTOR SHALL DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
2. UTILITIES ARE GRAPHICAL REPRESENTATION PER SURVEY AND MAPPING. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION.

FLOODPLAIN INFORMATION

BY GRAPHIC PLOTTING ONLY, THIS TRACT OF LAND DESCRIBED HEREON LIES WITHIN ZONE "X" (AREAS OUTSIDE THE 500-YEAR FLOODPLAIN) AND IS NOT IN A SPECIAL FLOOD HAZARD AREA AS PLOTTED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP FOR JOHNSON COUNTY, INDIANA, COMMUNITY PANEL NO. 18081C0136D, WHICH BEARS AN EFFECTIVE DATE OF AUGUST 2, 2007.

BENCHMARK INFORMATION

PROJECT BENCHMARK
THE ELEVATIONS SHOWN HEREON WERE DERIVED FROM GPS OBSERVATION USING NAVD 88 DATUM FROM THE VRS (VIRTUAL REFERENCE STATION) CONTROL NETWORK ESTABLISHED BY SEILER COMPANY. THE ELEVATIONS WERE ESTABLISHED FOR THIS NETWORK BY CONTINUOUSLY STREAMING DATA THROUGH FIXED REFERENCE STATIONS ((CORS)-CONTINUOUSLY OPERATING REFERENCE STATION) DISTRIBUTED THROUGHOUT THE NETWORK AREA TO A CENTRAL SERVER RUNNING TRIMBLE GPSNET AND RTKNET SOFTWARE. THROUGH PREVIOUS SURVEY WORK, THE ELEVATIONS DERIVED FROM GPS OBSERVATIONS ARE RELATIVELY ACCURATE TO PUBLISHED BENCHMARK AND LEVELS WERE RAN THROUGH TH ETEMPORARY BENCHMARKS SHOWN BELOW.

TBM #1
CUT SQUARE ON SOUTHEAST CORNER OF CONCRETE WEIR LOCATED 2 FEET SOUTH OF A CONCRETE HEADWALL, ABOUT 35 FEET WEST OF THE NORTHWEST CORNER OF ASPHALT PARKING LOT AND ABOUT 26 FEET SOUTH OF THE SOUTH EDGE OF TRACY ROAD.
ELEV. = 800.46

TBM #2
CUT "X" ON THE SOUTHEAST CORNER OF THE SOUTHERLY CONCRETE BLEACHER PAD, ABOUT 72 FEET SOUTH OF THE CONCESSION STAND.
ELEV. = 800.30

UTILITIES

Note: Listed below are the Indiana Underground Plant Protection Services Contacts; Others not listed may exist.

SANITARY SEWER
TOWN OF NEW WHITELAND
SANITATION DEPARTMENT
540 TRACY ROAD
NEW WHITELAND, IN 46184
PHONE: (317) 530-0925
EMAIL: ddmccausiln@newwhiteland.in.gov
CONTACT: DUANE MCCAUSLIN

STORM SEWER
TOWN OF NEW WHITELAND
DEPARTMENT OF PUBLIC WORKS
540 TRACY ROAD
NEW WHITELAND, IN 46184
PHONE: (317) 530-0925
EMAIL: matt.gillock@newwhiteland.in.gov
CONTACT: MATT GILLOCK

GAS
CENTERPOINT ENERGY
1800 W. 26TH STREET
MUNCIE, IN 47302
PHONE: (765) 287-2119
EMAIL: publicproject@centerpointenergy.com
CONTACT: JON EASTHAM

WATER
INDIANA AMERICAN WATER COMPANY
PHONE: (317) 885-2404
EMAIL: inutilitycoordination@amwater.com
CONTACT: RYAN MOORE

ELECTRIC
DUKE ENERGY
100 S. MILL CREEK ROAD
NOBLESVILLE, IN 46062
PHONE: (317) 776-5320
EMAIL: del-dine-coord@duke-energy.com
CONTACT: DON MCDUFFY

TELECOMMUNICATIONS
JOHNSON COUNTY REMC ENGINEERING
PO BOX 309
FRANKLIN, IN 46131
PHONE: (317) 736-6174
EMAIL: highway@jcremc.com

BRIGHTSPEED
PHONE: (704) 314-2655
EMAIL: leslie.schwartz@brightspeed.com
CONTACT: LESLIE SCHWARTZ

EVERSTREAM LLC UTILITY REVIEW
342 MASSACHUSETTS AVENUE SUITE 203
INDIANAPOLIS, IN 46237
EMAIL: utilityreview@everstream.net

METRO FIBERNET, LLC ENGINEERING
3701 COMMUNICATIONS WAY
EVANSVILLE, IN 47715
PHONE: (812) 213-1050
EMAIL: 811design@metronet.com

EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.

NOTE: The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees that the underground utilities comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

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

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th AVENUE, BEECH GROVE, IN 46107 (317) 780-1555

TOPOGRAPHICAL SURVEY

CLARK PLEASANT-SOCCER FIELD

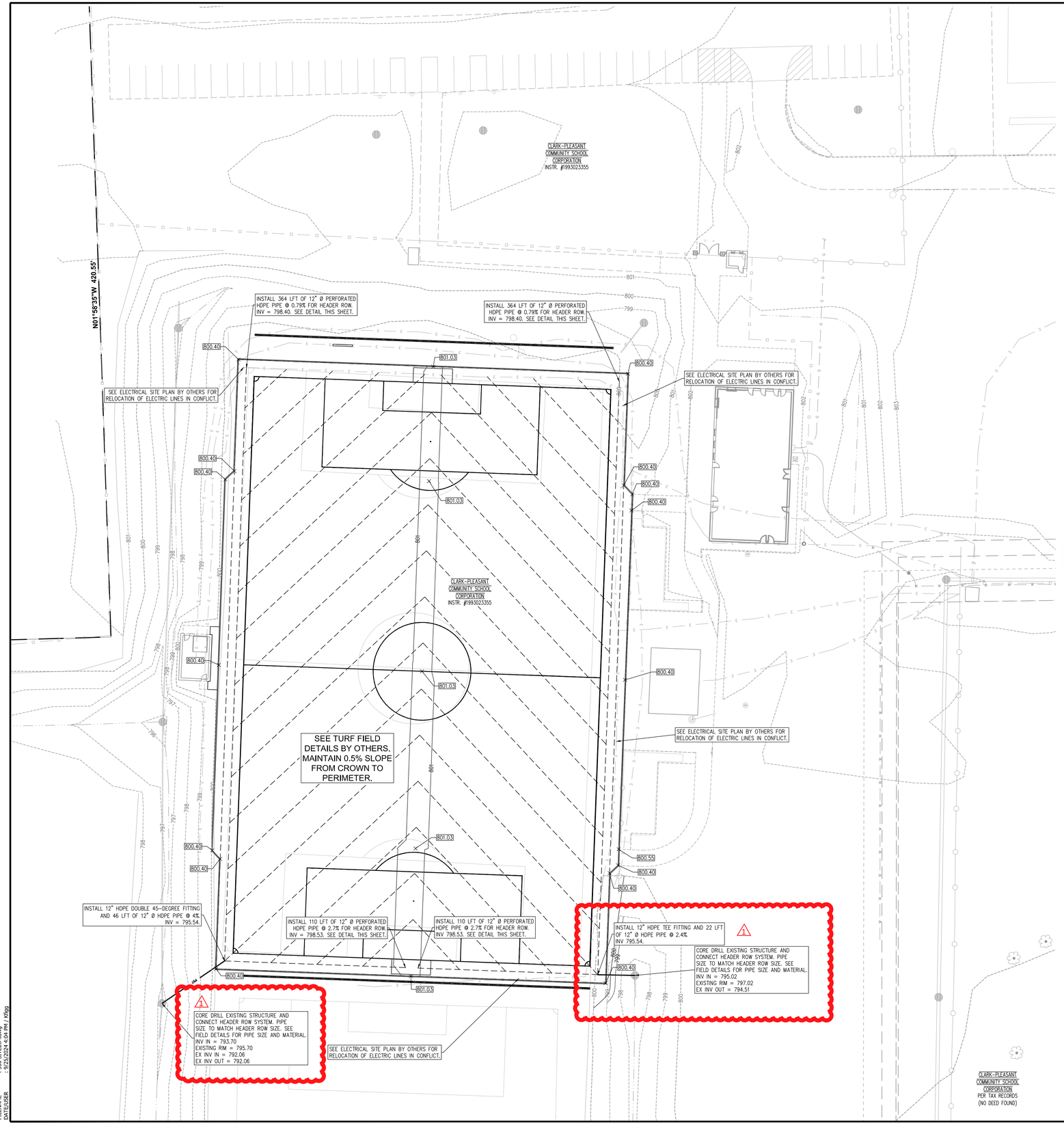
JOB No. - | DRAWN KLF | CHECKED CJI | APPR. CJI
DATE AUGUST 30, 2024 | DESIGNED DMS | BY CDM | APPR. CJI
SHEET 200

REVISIONS
1 09.27.24 REVISIONS PER ADDENDUM #1

REGISTERED No. 12200810 STATE OF INDIANA PROFESSIONAL ENGINEER
CHRIS MATTOX

DIRECTORY PATH : R:\Active\Lance+Beebe\Clark Pleasant Soccer - New Whiteland\Design\CAD\Ph 2 Soccer Field
FILENAME : 200 TOPO.dwg
DATE/USER : 8/30/2024 1:08 PM / Cmattox

SHEET 200

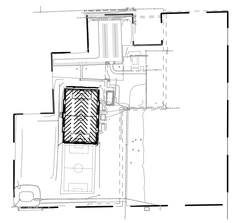


EXISTING LEGEND

POWERPOLE	800 CONTOURS
LIGHT POLE W/ARM	PROPERTY LINE
LIGHT POLE	SECTION LINE
ELECTRIC BOX	EASEMENT
HAND HOLE	ADJOINER LINE
TELEPHONE RISER	PAVEMENT LINE
WATER VALVE	WOOD FENCE
FIRE HYDRANT	CHAINLINK FENCE
POST INDICATOR VALVE	DITCH
WATER METER	WATER LINE
SIGN	TELEPHONE LINE
LIFT STATION	ELECTRIC LINE
STORM ROUND INLET	OVERHEAD UTILITY LINE
STORM CURB INLET	TREE LINE
TREE, BUSH & STUMP	SANITARY SEWER W/MANHOLE
TEMP. BENCHMARK	STORM SEWER W/ MANHOLE & END SECTION
MONUMENT FOUND	

ASPHALT, BUILDING, CONCRETE, GRAVEL, REMOVAL/DEMOLISH

SCALE: 1" = 30'



KEY MAP
NOT TO SCALE

UTILITIES NOTES

1. ALL FIELD TILES DISTURBED DURING CONSTRUCTION MUST BE REPAIRED/CONNECTED TO NEW DRAINAGE FACILITIES.
2. EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.

NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

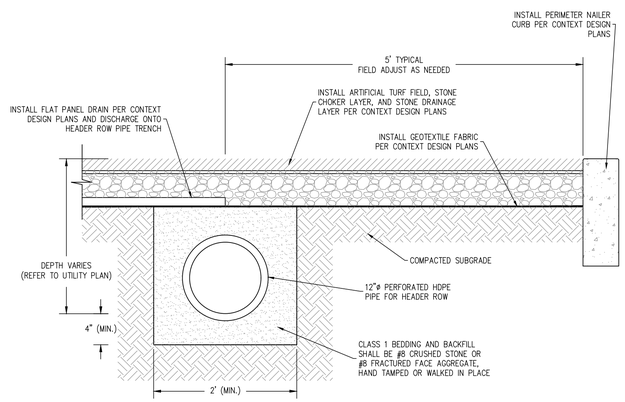
INDIANA 811 Know What's Below. Call Before You Dig.

LEGEND

860.00 TOP OF CURB 859.50 EDGE OF PAVEMENT	PROPOSED ELEVATIONS
860.00 FINISH GRADE	
860.00 * 859.50 * 860.00 *	PROPOSED ELEVATIONS (TO BE FIELD VERIFIED)
800	EXISTING CONTOURS
800	PROPOSED CONTOURS
	UNDERDRAIN BY OTHERS
PSS	PROPOSED STORM SEWER

GRADING NOTES

1. 1. REFER TO TURF PLAN DETAILS BY OTHERS FOR FIELD INSTALLATION.
2. MAINTAIN 0.5% SLOPE FROM CROWN TO FIELD PERIMETER
3. MAINTAIN 3:1 SLOPES AROUND FIELD PERIMETER.



TURF FIELD HEADER ROW DETAIL
NOT TO SCALE

CRAIG E. MATTOX No. 12200810 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th AVE., BEECH GROVE, IN 46107 (317) 780-1555

SHEET 300

UTILITY AND GRADING PLAN

CLARK PLEASANT-SOCCER FIELD

JOB No.	DRAWN	CHECKED	APPR.
-	KLF	CJI	CJI
DATE	DESIGNED		
AUGUST 30, 2024	DMS		

NO.	DATE	REVISIONS	BY	APPR.
1	09.27.24	REVISIONS PER ADDENDUM #1	CDM	CJI

SHEET 300

DIRECTORY PATH : G:\Active\Jenner-Reebel\Clark Pleasant Soccer - New Whiteland\Design\CAD\Ph 2 Soccer Field
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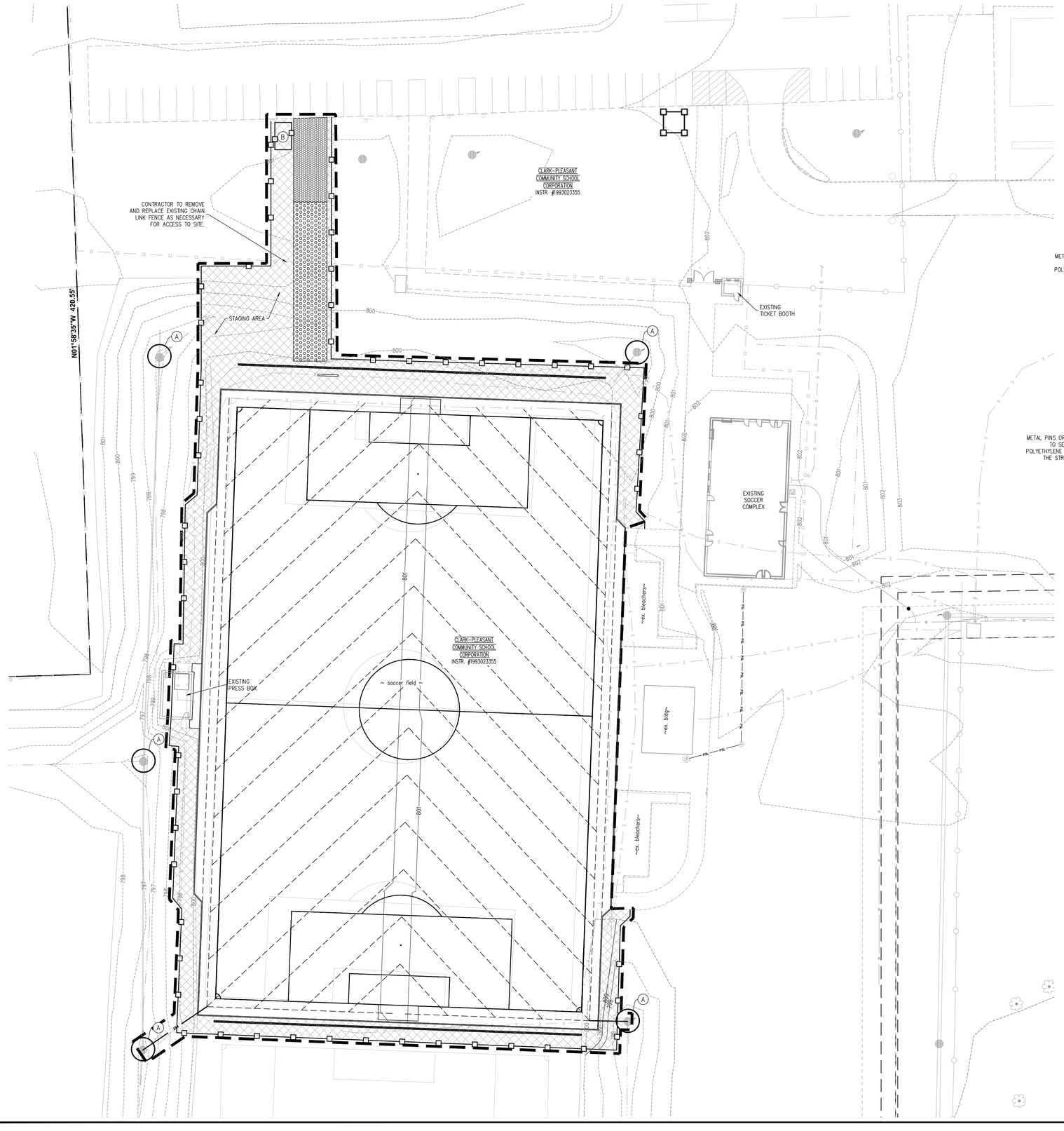
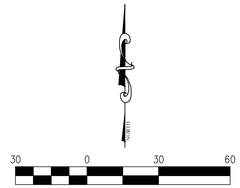
DATE/USER : 9/25/2024 4:04 PM / Kflgg



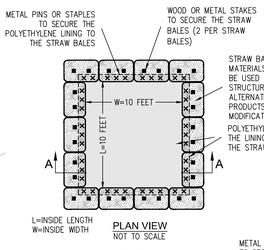


EROSION CONTROL LEGEND

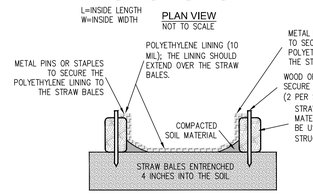
- PERMANENT SEEDING
- CONSTRUCTION DRIVE (SEE DETAIL THIS SHEET)
- 800 — EXISTING CONTOURS
- 800 — PROPOSED CONTOURS
- SILT FENCE SLOPE CHECK (NUTEC 3 NWS-6 OR APPROVED EQUAL)
- CONSTRUCTION LIMITS
- (A) SILT SACK INLET PROTECTION (SEE DETAIL-THIS SHEET)
- (B) CONCRETE WASHOUT AREA (SEE DETAIL-THIS SHEET)

EROSION CONTROL NOTES

1. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE, COUNTY, OR LOCAL OFFICIALS.
2. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED IN THE FIELD BY THE INSPECTOR.
3. CONSTRUCTION STAGING AREA (TO BE DETERMINED BY CONTRACTOR) SHALL INCLUDE THE PORT-O-LETS, TRASH CONTAINERS, AND FUELING TANKS IF NEEDED.

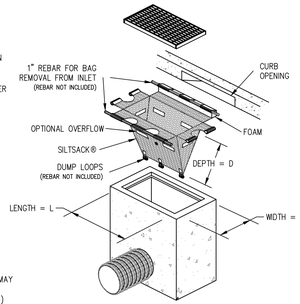


PLAN VIEW
NOT TO SCALE

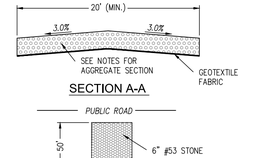


SECTION A-A
NOT TO SCALE

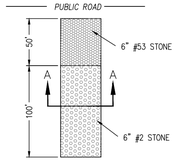
CONCRETE WASHOUT DETAIL (B)
NOT TO SCALE



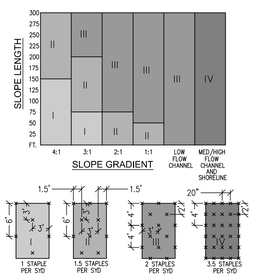
SILTSACK INLET FILTER DETAIL (A)
NOT TO SCALE



SECTION A-A



TEMPORARY CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



SLOPE GRADIENT

EROSION CONTROL BLANKET STAPLE PATTERN DETAIL

PERMANENT SEED MIXTURES

SPECIES	SEEDING RATE LBS/ACRE	SUITABLE pH	SITE SUITABILITY DROUGHTY	ERRANCE	WET
LEVEL AND SLOPING, OPEN AREAS					
TALL FESCUE	35	5.5 – 8.3	2	1	2
TALL FESCUE RED CLOVER **	25 5	5.5 – 8.3		1	
KENTUCKY BLUEGRASS CREEPING RED FESCUE	15 15	5.5 – 7.5	2	1	
STEEP BANKS AND CUTS					
TALL FESCUE KENTUCKY BLUEGRASS	15 25	5.8 – 7.5	2	1	2
TALL FESCUE EMERALD CROWNVETCH **	35 10	5.5 – 8.3	2	1	
LAWNS AND HIGH MAINTENANCE AREAS					
KENTUCKY BLUEGRASS CREEPING RED FESCUE	40 40	5.8 – 7.5	2	1	
PERENNIAL RYEGRASS (TURF TYPE)	170	5.0 – 7.5		1	
TALL FESCUE	170	5.5 – 8.3	2	1	2

1–PREFERRED 2–WILL TOLERATE ** – INOCULATE WITH SPECIFIC INOCULATES

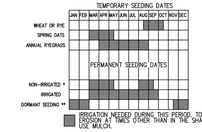
	SOIL CONDITION			SHADE	TOLERANCE TO FREQUENT CLOSE MOWING	TOLERANCE TO TRAMPING	WINTER HARDINESS	DROUGHT RESISTANCE	MATURE HEIGHT (INCHES)	FLOODING TOLERANCE (DAYS)	SALT TOLERANCE		
	WET	NORM	DRY									SEN. SOIL	SPRAY
CREEPING RED FESCUE FESTUCA RUBRA	2	1	2	1	1	1	MED.	1	20–25	12–18	7–21		S
KENTUCKY BLUEGRASS POA PROTINSIS	2	1	2	1	1	1	MED.	1	25–35	12–18	10–20		MT
TALL FESCUE FESTUCA L ARUNDINACEA	2	1	1	1	1	1	LOW	1	24–36	24–36	5–14	T	
PERENNIAL RYEGRASS LOLIUM PERENNE	2	1	2	–	1	2	MED-HIGH	2	15–20	12–18	5–10	MT	
CROWNVETCH CORANILLA VARIA	–	1	1	2	–	–	LOW	1	5–10	24	14–21	T	
RED CLOVER TRIFOLIUM PRATENSE	–	1	–	2	–	–	MED.	1	7–10	18	5–10	S	S

RANKING
1 GOOD
2 MEDIUM
– NOT TOLERANT

SALT TOLERANCE (TO BOTH SOIL SALTS AND SPRAY)
T – TOLERANCE
MT – MEDIUM TOLERANCE
S – SLIGHT TOLERANCE

SEEDBED PREPARATION
APPLY LIME TO RAISE THE pH TO THE LEVEL NEEDED FOR SPECIES BEING SEEDED. APPLY 23 LBS. OF 12–12–12 ANALYSIS FERTILIZER (OR EQUIVALENT) PER 1,000 SQ. FT. (APPROXIMATELY 1,000 LBS. PER ACRE) OR FERTILIZE ACCORDING TO TEST. APPLICATION OF 150 LBS. OF AMMONIUM NITRATE ON AREAS LOW IN ORGANIC MATTER AND FERTILITY WILL GREATLY ENHANCE VEGETATIVE GROWTH. WORK THE FERTILIZER AND LIME INTO THE SOIL A DEPTH OF 2 TO 3 INCHES WITH A HARROW, DISK, OR RAKE OPERATED ACROSS THE SLOPE AS MUCH AS POSSIBLE. FERTILIZER AND LIME SHALL MEET REQUIREMENTS OF INDOT STANDARD SPECIFICATIONS 1995.

SEEDING
SELECT A SEED MIXTURE BASED ON PROJECTED USE OF THE AREA WHILE CONSIDERING BEST SEEDING DATES.



* LATE SUMMER SEEDING DATES MAY BE EXTENDED 5 DAYS IF MULCH IS APPLIED.

** INCREASE SEEDING APPLICATION BY 50%.

TEMPORARY SEEDINGS

KIND OF SEED	PER 1,000 SQ. FT.	PER ACRE	REMARKS
WHEAT OR RYE	3.5 LBS.	2 BU.	SOWED SEPT. 1 TO 1 1/2" DEEP
SPRING OATS	2.3 LBS.	3 BU.	SOWED MID-FEB TO MID-MAR
ANNUAL RYEGRASS	1.0 LBS.	40 LBS.	SOWED SEPT 1-4" DEEP *

* NOT NECESSARY WHERE MULCH IS APPLIED.

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th AVENUE, BEECH GROVE, IN 46107 (317) 780-1555

SHEET 400

EROSION CONTROL PLAN

CLARK PLEASANT-SOCCER FIELD

JOB No.	.	DRAWN	KLF	CHECKED	CJI	APPR.	CJI
DATE	AUGUST 30, 2024	DESIGNED	DMS				

CHARLES J. MATTOX
REGISTERED
No. 12200810
STATE OF INDIANA
PROFESSIONAL ENGINEER

NO.	DATE	REVISIONS	BY	APPR.
1	09.27.24	REVISIONS PER ADDENDUM #1	CDM	CJI

SHEET 400

DIRECTORY PATH : R:\Active\Lorain+Beebe\Clark Pleasant Soccer - New Whiteland\Design\CAD\Ph 2 Soccer Field
FILENAME : SOU EC PLAN.dwg
DATE/USER : 9/25/2024 3:52 PM / kflyg

EROSION CONTROL PLAN INDEX

PLAN ELEMENTS

A1

CSGP EROSION CONTROL PLAN INDEX

ELEMENT	SHEET	ELEMENT	SHEET	ELEMENT	SHEET	ELEMENT	SHEET
A4	401	A19	300	B4	400 & 401	B11	400 & 401
A5	401	A21	400	B5	400 & 401	B12	400 & 401
A6	400	A22	400	B6	400 & 401	B13	401
A15	400	A23	400	B7	400 & 401	B14	401
A16	400	B2	401	B9	400 & 401		
A18	401	B3	401	B10	400 & 401		

A2 VICINITY MAP
A vicinity map depicting the project site location is located in right half of the Stormwater Pollution Prevention Plan.

A3 PROJECT NARRATIVE
The project involves the construction of a turf field and misc. stormwater infrastructure. The project is located along Tracy Road just west of Centerline road. Drainage will discharge into the existing storm sewer network located onsite. Construction is anticipated to begin in the fall of 2024.

A4 LATITUDE & LONGITUDE
Latitude N 39.562449 Longitude W 86.105387

A5 LEGAL DESCRIPTION
The Legal Description of the project site is located in the lower right quadrant of the Stormwater Pollution Prevention Plan.

A6 11 BY 17 INCH PLAT
The 11x17 inch Plat has been submitted to the respective Soils and Water Conservation District.

A7 100 YEAR FLOOD PLAINS, FLOODWAYS AND FLOODWAY FRINGES
Site is located in Zone X.

A8 ADJACENT LAND USE
The adjacent landuses are school to the east/north and residential to the south and west.

A9 DESCRIPTION OF TOTAL MAXIMUM DAILY LOAD (TMDL) REPORT
N/A

A10 RECEIVING WATERS
The receiving water for this project is East Grassy Creek.

A11 DESCRIPTION OF 303(d) LIST
N/A

A12 SOILS MAP AND DESCRIPTIONS
The soils map and all pertinent soil type information are located on the upper right quadrant of the Stormwater Pollution Prevention Plan.

A13 WETLANDS, LAKES AND WATER COURSES
There are no potential wetland areas located within the project site, nor shall any potential wetland areas be disturbed as a result of construction

A14 STATE AND/OR FEDERAL WATER QUALITY PERMITS
CSGP only.

A15 EXISTING VEGETATIVE COVER
The existing site is grass lawn.

A16 EXISTING SITE TOPOGRAPHY
Existing one-foot contours are shown on the Erosion Control Plan.

A17 EXISTING RUN-OFF ENTRANCE AREA
N/A

A18 EXISTING RUN-OFF DISCHARGE AREA
Wet pond onsite.

A19 EXISTING STORMWATER SYSTEMS
The existing stormwater system sizes and dimensions are labeled on the Topographic Survey Plan.

A20 EXISTING RETENTION/DETENTION FACILITIES
Wet pond in the southwest corner is labeled on Sheet 200.

A21 POTENTIAL DISCHARGES TO GROUND WATER
There are no potential locations where stormwater may enter the groundwater.

A22 TOTAL PROJECT AREA
The total project area covers ± acres.

A23 EXPECTED DISTURBED AREA
The expected project land disturbance is ±2.67 acres.

A24 PROPOSED SITE TOPOGRAPHY
Proposed one-foot contours are shown on the Erosion Control Plan.

A25 DISTURBED AREAS
2.67 acres

A26 PROPOSED STORMWATER SYSTEMS
The proposed stormwater system sizes and dimensions are labeled on the Erosion Control Plan.

A27 PROPOSED STORMWATER DISCHARGE
1.2 cfs

A28 SITE IMPROVEMENTS
New turf field

A29 SOIL STOCKPILES, BORROW/DISPOSAL AREAS
Topsoil shall be stockpiled in a convenient location (as determined by the owner and/or contractor)

A30 CONSTRUCTION SUPPORT ACTIVITIES
N/A

A31 IN-STREAM ACTIVITIES
N/A

STORMWATER POLLUTION PREVENTION - DURING CONSTRUCTION

B1 POTENTIAL POLLUTANT SOURCES ASSOCIATED WITH CONSTRUCTION ACTIVITIES
There is a potential for pollutants associated with construction machinery including diesel fuel, hydraulic fluid, engine oils and lubricants, antifreeze and other petroleum products. It is unavoidable for a small amount of these pollutants to contaminate soil in the grading and construction of the site. Sediment pollution from site disturbing activities shall be remedied by Erosion Control measures (see following sections).

B2 CONSTRUCTION ENTRANCE
The construction entrance shall be constructed at the north section of the project off of the existing parking lot. Specifications and details are located on the Stormwater Pollution Prevention Plan.

B3 TEMPORARY & PERMANENT STABILIZATION
All disturbed areas shall be seeded in accordance with the seeding and seedbed preparation details located in the lower right corner of this sheet.

B4 SEDIMENT CONTROL MEASURES FOR CONCENTRATED FLOW AREAS
Sediment Control measures for concentrated flow areas are shown on the Erosion Control Plan. Specifications and details are located on the Stormwater Pollution Prevention Plan.

B5 SEDIMENT CONTROL MEASURES FOR SHEET FLOW AREAS
Sediment Control measures for Sheet flow areas are shown on the Erosion Control Plan. Specifications and details are located on the Stormwater Pollution Prevention Plan.

B6 RUNOFF CONTROL MEASURES
Runoff control measures are shown on the Erosion Control Plan. Specifications and details are located on the Stormwater Pollution Prevention Plan.

B7 STORMWATER OUTLET PROTECTION MEASURES
Stormwater outlet protection measures are shown on the Erosion Control Plan. Specifications and details are located on the Stormwater Pollution Prevention Plan.

B8 GRADE STABILIZATION STRUCTURES
No grade stabilization structures are required for this project.

B9 DEWATERING ACTIVITIES
If required during excavation operations, dewatering shall be completed as shown on the Erosion Control Plan. Specifications and details are located on the Erosion Control Plan and Stormwater Pollution Prevention Plan.

B10 WATERBODY QUALITY MEASURES
Measures utilitized for work within waterbodies are shown on the Erosion Control Plan and associated details/specifications are shown on the Stormwater Pollution Prevention Plan.

B11 MONITORING AND MAINTENANCE GUIDELINES
Monitoring and Maintenance Guidelines are located in the middle on the Stormwater Pollution Prevention Plan

B12 PLANNED CONSTRUCTION GUIDLINES
Planned Construction Sequence guidelines are located in the middle on the Stormwater Pollution Prevention Plan.

B13 EROSION & SEDIMENT CONTROL MEASURES FOR INDIVIDUAL BUILDING LOTS
N/A

B14 MATERIAL HANDLING AND SPILL PREVENTION
Spill prevention shall be accomplished by utilizing spillguards for equipment fueling and servicing operations. Spillguards shall be 3'x3'x6" and shall be constructed of a material resistant petroleum products (including diesel fuel and oil). On-site fuel storage tanks shall have emergency storage capacity directly below the tank in case of rupture. Any hazardous material spillage shall be collected and/or cleaned immediately by a trained individual and disposed of in accordance with all federal, state and local regulations.
Indiana Department of Environmental Management
Office of Emergency Response (317) 233-7745, Toll Free (800) 233-7745
Additional Material Handling and Spill Prevention (this sheet)

B15 MATERIAL HANDLING AND STORAGE
Material Handling and Storage Procedure guidelines are located in the middle on the Stormwater Pollution Plan.

STORMWATER POLLUTION PREVENTION - POST CONSTRUCTION

C1 PROPOSED POLLUTANTS AND SOURCES ASSOCIATED WITH PROPOSED LAND USE
Potential pollutants include petroleum products and antifreeze from automobiles using the parking areas and sediment.

C2 PROPOSED POST CONSTRUCTION STORMWATER MEASURES
Post construction stormwater quality measures shall consist of the existing wet pond.

C3 LOCATION, DIMENSIONS, SPECIFICATIONS AND DETAILS OF EACH STORMWATER QUALITY MEASURE
The location of the wet pond is shown on the construction plans.

C4 STORMWATER QUALITY MEASURE IMPLEMENTATION
N/A. Wet pond to remain as is.

C5 MAINTENANCE GUIDELINES OF POST CONSTRUCTION STORMWATER QUALITY MEASURES
All landscape areas shall be maintained by mowing, removing trash and debris, and re-planting any vegetated areas as necessary. The proposed storm sewer inlets shall be inspected for blockage of any type after each storm event. All obstructions, trash, and debris shall be removed upon inspection.

C6 PARTY RESPONSIBLE FOR POST-CONSTRUCTION STORMWATER POLLUTION PREVENTION
Owner: Clark Pleasant School Corp

MONITORING AND MAINTENANCE GUIDELINES

GRAVEL CONSTRUCTION DRIVE AND PARKING AREA:
A. Inspect daily and after each storm event. Immediately remove mud and sediment tracked or washed onto public roads.
B. Top dress with clean aggregate as needed. Reshape pad as needed for drainage and runoff control.
C. Flushing should only be used if the water can be conveyed into a sediment trap or basin.

TOPSOIL:
A. Inspect daily until vegetation is established.
B. Check for erosion or damage of newly spread topsoil and repair immediately.

TEMPORARY AND PERMANENT SEEDING:
A. Inspect seeding within 24 hours of each rain event and at least once every seven calendar days until vegetation is established.
B. Check for erosion or movement of mulch and repair immediately.
C. Plan to add fertilizer the following growing season according to soil test recommendations.
D. Repair damaged, bare, or sparse areas by filling any gullies, re-fertilizing, over- or re-seeding, and mulching.
E. If plant cover is sparse or patchy, review the plant materials chosen, soil fertility, moisture condition, and mulching; repair the affected area either by over-seeding or by re-seeding and mulching after re-preparing the seed bed.
F. If vegetation fails to grow, consider soil testing to determine acidity or nutrient deficiency problems.
G. If additional fertilization is needed to get a satisfactory stand, do so according to soil test recommendations.
H. Reference INDOT Specification 621.05.

EROSION CONTROL BLANKET:
A. Inspect within 24 hours of each rain event and at least once every seven calendar days. Check for erosion or displacement of the blanket.
B. If any area shows erosion, pull back that portion of the blanket covering the eroded area, add soil and tamp, re-seed the area, and re-lay and staple the blanket.
C. After vegetative establishment, check the treated area periodically.

MULCHING:
A. Inspect within 24 hours of each rain event to check for movement of mulch or for erosion.
B. If washout, breakage, or erosion is present, repair damage areas, re-seed, apply new mulch, and anchor mulch in place.
C. Continue inspections until vegetation is firmly established.
D. Reference INDOT Specification 621.05.

RIPRAP:
A. Inspect periodically for displaced rock material, slumping, and erosion at edges, especially downstream or downslope.

SILT FENCE:
A. Inspect within 24 hours of each rain event and at least once every seven calendar days.
B. If fence fabric tears, starts to decompose, or in any way becomes ineffective, replace the affected portion immediately.
C. Remove deposited sediment when it reaches half the height of the fence at its lowest point or is causing the fabric to bulge.
D. Take care to avoid undermining the fence during clean out.
E. After the contributing drainage area has been stabilized, remove the fence and sediment deposits, bring the disturbed area to grade and stabilize.

SILT SACK INLET PROTECTION:
A. Inspect the silt sack inlet protection periodically and after each ½" storm event.
B. Remove deposited sediment when it reaches half the height of the filter at the lowest point.
C. Remove the Silt Sack Inlet Protection and sediment deposits after contributing drainage area is stabilized.

FABRIC DROP INLET PROTECTION:
A. Inspect the fabric barrier after storm events, and make needed repairs immediately.
B. Remove sediment from the pool area to provide storage for the next storm. Avoid damaging or undercutting the fabric during sediment removal.
C. When the contributing drainage area has been stabilized, remove and properly dispose of all construction material and sediment, grade the area to the elevation of the top of the inlet, then stabilize.

CONCRETE WASHOUT:
A. Concrete washout area shall be installed prior to any concrete placement on site.
B. Signs shall be placed at the construction entrance, at the washout area, and elsewhere as necessary to clearly indicate the location of the concrete washout area to operators of concrete trucks and pump rigs.
C. The concrete washout area shall be repaired and enlarged or cleaned out as necessary to maintain capacity for wasted concrete.
D. At the end of construction, all concrete shall be removed from the site and disposed of at an approved waste site.
E. When the concrete washout area is removed, the disturbed area shall be seeded and mulched or otherwise stabilized in a manner approved by the inspector.

EXISTING WET POND
A. All landscape areas shall be maintained by mowing, removing trash and debris, and re-planting any vegetated areas as necessary. The outlet control structure shall be inspected for blockage of any type after each storm event. All obstructions, trash, and debris shall be removed upon inspection.

CONSTRUCTION SEQUENCE & SCHEDULE OF EROSION CONTROL IMPLEMENTATION

1. Silt fence and/or straw bales shall be placed around existing structures and in ditches as shown in these plans before any land disturbing activities are started.
2. Schedule a pre-construction meeting with New Whiteland 48 hours prior to start of earthwork.
3. Construct temporary gravel entrance in accordance with the "INDIANA STORM WATER QUALITY MANUAL"
5. Strip topsoil and stockpile as necessary.
6. Rough grade site. Disturbed areas should be seeded immediately following rough grading. Areas that will not be disturbed again should be permanently seeded. No unvegetated areas should be exposed for more than seven days.
7. Place drainage pipe.
8. Final grade site and install turf field. All erosion control blankets shall be installed per manufacturers recommendations as soon as final grading is complete.
9. Temporary erosion control measures shall remain in place until vegetation is secure.

GENERAL EROSION CONTROL REQUIREMENTS FOR COMPLIANCE WITH IDEM GENERAL PERMIT RULES FOR STORM WATER RUNOFF FROM CONSTRUCTION SITES

1. All Erosion Control practices shall be in accordance with the latest edition of the INDIANA STORM WATER QUALITY MANUAL.
2. The Erosion Control measures included in this plan shall be installed prior to initial land disturbance activities or as soon as practical. Sediment shall be prevented from discharging from the project site by installing and maintaining silt fence, straw bales, sediment basins, etc. As shown on this plan. If shown on this plan, energy-dissipation devices or Erosion Control at the outfall of the storm sewer system shall be installed at the time of the construction of the outfall.
3. All on-site storm drain inlets shall be protected against sedimentation with silt sack inlet filters, filter fabric, or equivalent barriers as shown on this plan.
4. Except as prevented by inclement weather conditions or other circumstances beyond the control of the contractor/developer appropriate Erosion Control practices will be initiated within (7) seven days of the last land disturbing activity at the site. The site shall be stabilized by seeding, sodding, mulching, covering, or by other equivalent Erosion Control measures.
5. This Erosion Control plan shall be implemented on all disturbed areas within the construction site. All measures involving Erosion Control practices shall be installed under the guidance of a qualified person experienced in Erosion Control and following the plans and specifications included herein.
6. During the period of construction activity, all sediment basins and other Erosion Control measures shall be maintained by the contractor. At the completion of construction, the contractor shall coordinate the transfer of required maintenance responsibilities with the owner.
7. Public or private roadways shall be kept cleared of accumulated sediment. Bulk clearing of accumulated sediment shall not include flushing the area with water. Cleared sediment shall be returned to the point of likely origin or other suitable location.
8. The contractor shall control wastes, garbage, debris, wastewater, and other substances on the site in such a way that they shall not be transported from the site by the action of winds, storm water runoff, or other forces. Proper disposal or management of all wastes and unused building materials appropriate to the nature of the waste or material is required.
9. Additional Erosion Control measures may be required by state or county agencies.

ADDITIONAL MATERIAL HANDLING AND SPILL PREVENTION PLAN

PURPOSE

The purpose of this plan is two fold:
1. To help protect the health and safety of those working on the site as well as the environment.
2. Preventing the contamination of storm water runoff. Pollutants generated onsite may include gasoline, diesel fuel, oils, grease, paints, pesticides, nutrients, concrete washout, soil, solvents, paper, plastic, Styrofoam, metals, glass and other forms of liquid or solid wastes.

This plan outlines procedures to help prevent health and safety issues, contamination of storm water by onsite pollutants, help prevent fuel and chemical spills and provide a response procedure should a spill occur.

PREVENTION AND READINESS

1. The contractor or responsible party will prepare a contact list in the event of a spill on the site. The contact list will have names and contact numbers. The contact list will specify first responders and a chain of command. Include information on what circumstances require the initiation of the contact list and chain of command.
2. The contractor/owner shall maintain a list of qualified contractors, Vac-trucks, tank pumpers and other equipment or businesses qualified to do clean-up operations. Absorbent materials and supplies need to be available onsite in sufficient quantities to address minor spills. All employees need to be educated on the proper application of the absorbent materials.
3. All maintenance and equipment operators must be aware and trained for prevention of spills. A continuing education program is required for new employees and emphasizing the importance to all employees.
4. All materials used in the course of a cleanup will be disposed in a manor approved by Indiana Department of Environmental Management.
5. Using water to flush spilled material will not be permitted unless authorized by a state, federal, or local agency. Tarps can be used to cover spilled material during rain events.

SPILL RESPONSE

Minor – Small spills that typically involve oil gasoline, paint, hydraulic fluid etc. Minor spills can be controlled by the first responder at the discovery of the spill.
- Contain spill to prevent material from entering storm or ground water. Do not flush with water or bury.
- Use absorbent material to clean-up spill material and any subsequently contaminated soil and dispose of properly.

Semi-significant Spills – Approximately ten gallons or less of pollutant with no contamination of ground or surface waters. Minor spills can be generally controlled by the first responder with help from other site personnel. This response may require other operations to stop to make sure the spill is quickly and safely addressed. At the discovery of the spill:
- Contain spill to prevent material from entering storm or ground water. Do not flush with water or bury.
- Use absorbent material to clean-up spills and dispose of properly. Spills on impervious surfaces should be contained with a dry absorbent. Spills on clayey soils should be contained by constructing an earthen dike and should be disposed of as soon as possible to prevent migration deeper into the soil and groundwater. Dispose of contaminated soils or absorbents properly.
- Contact 911 if this spill could be a safety issue.
- Contact supervisors and designated inspectors immediately
- Contaminated solids to be removed to an approved landfill.

Major or Hazardous Spills – More than ten gallons, there is the potential for death, injury or illness to humans or animals or has the potential for surface or groundwater pollution.
- Control or contain the spill without risking bodily harm. Temporarily plug storm drains if possible to prevent migration of the spill into the stormwater system.
- Immediately contact the local Fire Department at 911 to report any hazard material spill.
- Contact supervisors and designated inspectors immediately. Other county or municipal officials (list as needed) responsible for storm water facilities should be contacted as well. The contractor is responsible for having these contact numbers available at the job site. A written report should be submitted to the owner as soon as possible.
- As soon as possible but within 2 hours of discovery, contact the Department of Environmental Management,
  Office of Emergency Response 1-888-233-7745. The following information should be noted for future reports to IDEM or the National Response Center.
  - o Name, address and phone number of person making the spill report
  - o The location of the spill
  - o The time of the spill
  - o Identification of the spilled substance
  - o Approximate quantity of the substance that has been spilled or may be further spilled
  - o The duration and source of the spill
  - o Name and location of the damaged waters
  - o Name of spill response organization
  - o What measures were taken in the spill response
  - o Other information that may be significant

Additional regulation or requirements may be present. A spill response professional should be consulted to make sure all appropriate and required steps have been taken. Contaminated solids should only be removed from the site after approval is given by Emergency Response.

THE FOLLOWING PROCEDURES AND PRACTICES WILL HELP PREVENT UNNECESSARY SPILLS

I. Vehicle and Equipment Fueling

Description and Purpose:
- Vehicle equipment fueling procedures and practices are designed to prevent fuel spills and leaks, and reduce or eliminate contamination of stormwater. This can be accomplished by using offsite facilities, fueling in designated areas only, enclosing or covering stored fuel, implementing spill controls, and training employees and subcontractors in proper fueling procedures.

Limitations:
- Onsite vehicle and equipment fueling should only be used where it is impractical to send vehicles and equipment offsite for fueling.

Implementation:
- Use offsite fueling stations as much as possible. These businesses are better equipped to handle fuel and spills properly. Performing this work offsite can also be economical by eliminating the need for a separate fueling area at a site.
- Discourage "topping-off" of fuel tanks.
- Absorbent spill cleanup materials and spill kits should be available in fueling areas and on fueling trucks, and should be disposed of properly after use.
- Drip pans or absorbent pads should be used during vehicle and equipment fueling, unless the fueling is performed over an impermeable surface in a dedicated fueling area.
- Use absorbent materials on small spills. Do not hose down or bury the spill. Remove the absorbent materials promptly and dispose of properly.
- Avoid mobile fueling of mobile construction equipment around the site; rather, transport the equipment to designated fueling areas.
- Train employees and subcontractors in proper fueling and cleanup procedures.
- Dedicated fueling areas should be protected from stormwater run-on and runoff, and should be located at least 50 feet away from the downstream drainage facilities and watercourses. Fueling must be performed on level-grade areas.
- Protect fueling areas with berms and dikes to prevent run-on, runoff, and to contain spills.
- Nozzles used in vehicle and equipment fueling should be equipped with an automatic shutoff to control drips. Fueling operations should not be left unattended.
- Federal, state, and local requirements should be observed for any stationary above ground storage tanks.

Inspection and Maintenance
- Vehicles and equipment should be inspected each day of use for leaks. Leaks should be repaired immediately or problem vehicles or equipment should be removed from the project site.
- Keep ample supplies of spill cleanup materials onsite.
- Immediately clean up spills and properly dispose of contaminated soils.

II. Solid Waste Management

Description of Purpose:
- Solid waste management procedures and practices are designed to prevent or reduce the discharge of pollutants to stormwater from solid or construction waste by providing designated waste collection areas and containers, arranging for regular disposal, and training employees and subcontractors.

Suitable Applications:
This BMP is suitable for construction sites where the following wastes are generated or stored:
- Solid waste generated from trees and shrubs removed during land clearing, demolition of existing structures (rubble), and building construction.
- Packaging materials including wood, paper, and plastic.
- Scrap or surplus building materials including scrap metals, rubber, plastic, glass pieces, and masonry products.
- Domestic wastes including food containers such as beverage cans, coffee cups, paper bags, plastic wrappers, and cigarettes,
- Construction waste including brick, mortar, timber, steel and metal scraps, pipe and electrical cuttings, non-hazardous equipment parts. Styrofoam and other materials send transport and package construction materials.

Implementation:
The following steps will help keep a clean site and reduce stormwater pollution:
- Select designated waste collection areas onsite.
- Inform trash-hauling contractors that you will accept only watertight dumpsters for onsite use.
- Inspect dumpsters for leaks and repair any dumpster that is not watertight.
- Provide an adequate number of containers with lids or covers that can be placed over the container to keep rain out or to prevent loss of wastes when it is windy.
- Plan for additional containers and more frequent pickup during the demolition phase of construction.
- Collect site trash daily, especially during rainy and windy conditions.
- Remove this solid waste properly since erosion and sediment control devices tend to collect litter.
- Make sure that toxic liquid wastes (used oils, solvents, and paints) and chemicals (acid, pesticides, additives, curing compounds) are not disposed of in dumpsters designed for construction debris.
- Do not hose out dumpsters on the construction site. Leave dumpster cleaning to the trash hauling contractor.
- Arrange for regular waste collection before containers overflow.
- Clean up immediately if a container does spill.
- Make sure that construction waste is collected, removed, and disposed of only at authorized disposal areas. Solid waste storage areas should be located in areas prone to flooding or ponding.
- Locate solid waste dumpster a minimum of 50' away from storm water inlets or other drainage facilities.
- Locate dumpster on stone or earth to minimize the potential for spills or leaks to drain immediately into a drainage facility.

Inspection and Maintenance:
- Inspect and verify that activity-based BMPs are in place prior to the commencement of associated activities. While activities associated with the BMP are under way, inspect weekly to verify continued BMP implementation.
- Inspect BMPs subject to non-stormwater discharge daily while non-stormwater discharges occur.
- Inspect construction waste are regularly.
- Arrange for regular waste collection.

III. Concrete Washout

The following steps will help reduce stormwater pollution from concrete wastes:
- Discuss the concrete management techniques described in the BMP (such as handling of concrete waste and washout) with the reddy-mix concrete supplier before any deliveries are made.
- Incorporate requirements for concrete waste management into material supplier and subcontractors' agreements.
- Store dry and wet materials under cover, away from drainage areas.
- Avoid mixing excess amounts of fresh concrete.
- Perform washout of concrete trucks offsite or in designed areas only.
- Do not wash concrete trucks into storm drains open ditches, streets, or streams.
- Do no allow excess concrete to be dumped onsite, except in designed areas.

For onsite washout:
- Locate washout areas at least 50 feet from storm drains, open ditches, or water bodies.
- Do not allow runoff from this area by constructing a temporary pit or bermed area large enough for liquid and solid waste.
- Wash out wastes into the temporary pit where the concrete can set, be broken up, and then disposed properly.
- Avoid creating runoff by drinking water to a bermed or level area when washing concrete to remove fine particles and expose the aggregate.
- Do not wash sweepings form exposed aggregate concrete into the street or storm drain. Collect and return sweepings to aggregate base stockpile or dispose in the trash.

IV. Vehicle Maintenance Areas
Purpose– To prevent spills during the normal maintenance of construction machinery.

Implementation– Where and when feasible, maintenance shall be preformed offsite in covered facility with an impervious floor.
- Use a dedicated site for machinery maintenance
- Site the maintenance area at least 50 feet from storm water inlets or water bodies
- Maintain clean up materials close at hand. Utilize drip pans and absorbent pads to prevent oils from reaching the soil surface.
- Inspect equipment daily for leaks or worn hoses. Repair or replace to prevent onsite spills
- Properly dispose of all fluids removed or spilled from machinery.

V. Fluids, paints, solvents and other chemicals storage and use

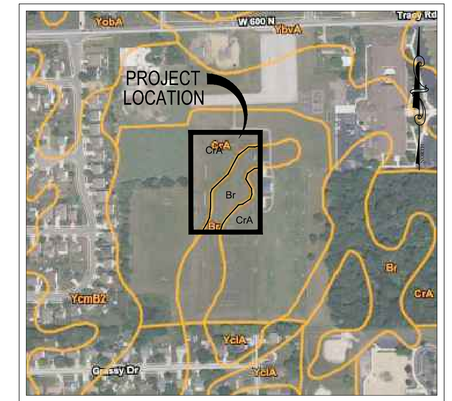
Purpose– To prevent spills during the use and storage of the materials

Implementation–
- Store materials in there original containers
- Maintain safety data sheets on all products
- Store materials in a weather proof/vandal resistant locker or building
- Keep materials away from flammable sources
- Provide and read instructions for the proper use and storage of all materials
- For bulk material stored onsite, provide diking or double containment in case of leaks or failures.
- No washout of solvent from paint supplies should be done near or into a storm water inlet or other drainage facility.

VI. Disposal of sediment laden water

Purpose– To prevent the purposeful discharge of sediment laden water into waters of the United States.

Implementation–
- The sediment and any other pollutant from all pumping or dewatering operations that discharge into storm sewers, wetlands, drainage ways or water bodies must be removed from the water before it's discharged.
- A suitable practice is needed at the discharge to allow the suspended solids to be removed from the water column. Slow moving water and time are needed components for an effective practice. Mechanical filters and chemical flocculants can do an excellent job of removing the fine materials.
- Sediment removal pumping bags may be used at the outlet of a pump. The bags must be sized appropriately for the amount of flow. The practice needs to be installed on erosion resistant surfaces. The outlet of the pumping bag must be erosion resistant to prevent additional sedimentation.
- Pumping operations that are moving clean water through a site are not required to have a pumping bag or similar device at the outlet. The point of discharge should be protected to prevent soil erosion.

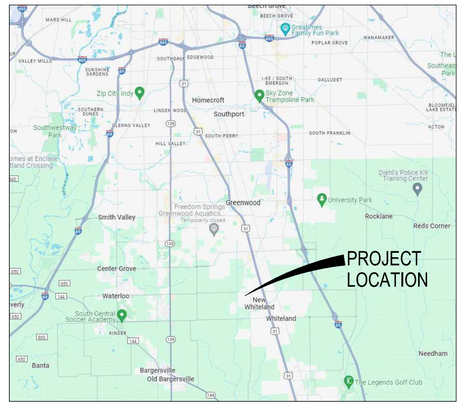


Johnson County, Indiana (IN081)

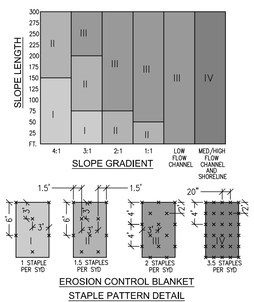
BROOKSTON SILTY CLAY LOAM (BR)
This nearly level soil is in depressions, on flats, and in narrow drainageways between better drained soils on broad, undulating plains. Slopes are 0 to 2 percent. Runoff is very slow. Wetness is the main limitation. Soil has limitations for building sites and must be artificially drained and protected from flooding.

CROSBY SILT LOAM (CrA)
This nearly level soil is on broad plains, on ridge tops in rolling areas, or in low drainageways. Slopes are 0 to 2 percent. Runoff is slow. Wetness is the main limitation.Soil has limitations for building sites and must be artificially drained and protected from flooding.

SOIL MAP AND DESCRIPTION
NOT TO SCALE



VICINITY MAP
NOT TO SCALE



SLOPE GRADIENT

EROSION CONTROL BLANKET
STAPLE PATTERN DETAIL

SOIL CONDITION											SALT TOLERANCE		
	WET	NORM	DRY	SHADE TOLERANCE	TRAFFIC TOLERANCE (1-9, 9=BEST)	WINTER HARDINESS	MOWING HEIGHT	ROOTING DEPTH	MATURITY (MONTHS)	MIXING RATE (LBS/A)	SEN.	SOIL	SPRAY
CREEPING RED FESCUE FESTUCA RUBRA	2	1	2	1	1	1	MED.	1	20–25	12–18	7–21		S
KENTUCKY BLUEGRASS POA PRATINSIS	2	1	2	1	1	1	MED.	1	25–35	12–18	10–20		MT
TALL FESCUE FESTUCA L ARUNDINACEA	2	1	1	1	1	1	LOW	1	24–35	24–36	5–14	T	
PERENNIAL RYEGRASS LOLIUM PERENNE	2	1	2	–	1	2	MED. HIGH	2	15–20	12–18	5–10	MT	
CROWNVETCH CORANILLA VARIA	–	1	1	2	–	–	LOW	1	5–10	24	14–21	T	
RED CLOVER TRIFOLIUM PRATENSE	–	1	–	2	–	–	MED.	1	7–10	18	5–10	S	S

RANKING
1 – GOOD
2 – MEDIUM
– – NOT TOLERANT

SALT TOLERANCE (TO BOTH SOIL SALTS AND SPRAY)
T – TOLERANCE
MT – MEDIUM TOLERANCE
S – SLIGHT TOLERANCE

PERMANENT SEED MIXTURES

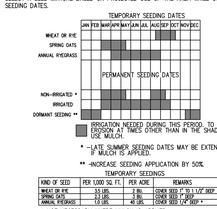
SPECIES	SEEDING RATE LBS/ACRE	SUITABLE pH	SITE SUITABILITY DROUGHTY	DRAINED	WET
LEVEL AND SLOPING, OPEN AREAS					
TALL FESCUE	35	5.5 – 8.3	2	1	2
TALL FESCUE RED CLOVER **	25 5	5.5 – 8.3		1	
KENTUCKY BLUEGRASS CREEPING RED FESCUE	15 15	5.5 – 7.5	2	1	
STEEP BANKS AND CUTS					
TALL FESCUE KENTUCKY BLUEGRASS	15 25	5.8 – 7.5	2	1	2
TALL FESCUE EMERALD CROWNVETCH **	35 10	5.5 – 8.3	2	1	
JUMPS AND HIGH MAINTENANCE AREAS					
KENTUCKY BLUEGRASS CREEPING RED FESCUE	40 40	5.8 – 7.5	2	1	
PERENNIAL RYEGRASS (TURF TYPE)	170	5.0 – 7.5		1	
TALL FESCUE	170	5.5 – 8.3	2	1	2

1–PREFERRED 2–WILL TOLERATE ** – INOCULATE WITH SPECIFIC INOCULATES

SEEDBED PREPARATION
APPLY LIME TO RAISE THE pH TO THE LEVEL NEEDED FOR SPECIES BEING SEEDED. APPLY 23 LBS. OF 12–12–12 ANALYSIS FERTILIZER (OR EQUIVALENT) PER 1,000 SQ. FT. (APPROXIMATELY 1,000 LBS. PER ACRE) OR FERTILIZE ACCORDING TO TEST. APPLICATION OF 150 LBS. OF AMMONIUM NITRATE ON AREAS LOW IN ORGANIC MATTER AND FERTILITY WILL GREATLY ENHANCE VEGETATIVE GROWTH. WORK THE FERTILIZER AND LIME INTO THE SOIL A DEPTH OF 2 TO 3 INCHES WITH A HARROW, DISK, OR RAKE OPERATED ACROSS THE SLOPE AS MUCH AS POSSIBLE. FERTILIZER AND LIME SHALL MEET REQUIREMENTS OF INDOT STANDARD SPECIFICATIONS 1995.

SEEDING
SELECT A SEED MIXTURE BASED ON PROJECTED USE OF THE AREA WHILE CONSIDERING BEST SEEDING DATES.

TEMPORARY SEEDING DATES



* –LATE SUMMER SEEDING DATES MAY BE EXTENDED 5 DAYS IF MULCH IS APPLIED.

** –INCREASE SEEDING APPLICATION BY 50%

TEMPORARY SEEDINGS

KIND OF SEED	PER 1,000 SQ. FT.	PER ACRE	REMARKS
WHEAT OR RYE	3.5 LBS.	2 BU.	COVER SEED 1" TO 1.5" DEEP
SPRING OATS	2.3 LBS.	3 BU.	COVER SEED 1" DEEP
ANNUAL RYEGRASS	1.2 LBS.	40 LBS.	COVER SEED 1/4" DEEP *

* NOT NECESSARY WHERE MULCH IS APPLIED.

ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE OR COUNTY OFFICIALS

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

CRAIG L. MATTOX REGISTERED LANDSCAPE ARCHITECT No. 12200810 STATE OF INDIANA PROFESSIONAL SEAL

CROSSROAD ENGINEERS, PC
Transportation & Development Consultants
115 N. 17th AVE., BEECH GROVE, IN 46107 (317) 780-1555

SHEET 401

STORMWATER POLLUTION PREVENTION PLAN
CLARK PLEASANT-SOCCER FIELD

JOB No.	-	DRAWN	KLF	CHECKED	CJB
DATE	AUGUST 30, 2024	DESIGNED	DMS	APPR.	CJB

NO.	DATE	REVISIONS	BY	APPR.
1	09.27.24	REVISIONS PER ADDENDUM #1	CDM	CJB
2				
3				
4				
5				
6				
7				
8				
9				

SHEET 401

DRAWING PATH: J:\Projects\2024\24-0XX_Clark Pleasant Schools_As-Needed\Clarks Pleasant Soccer Field\Drawings\CSGP\01_Soccer Field.dwg
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