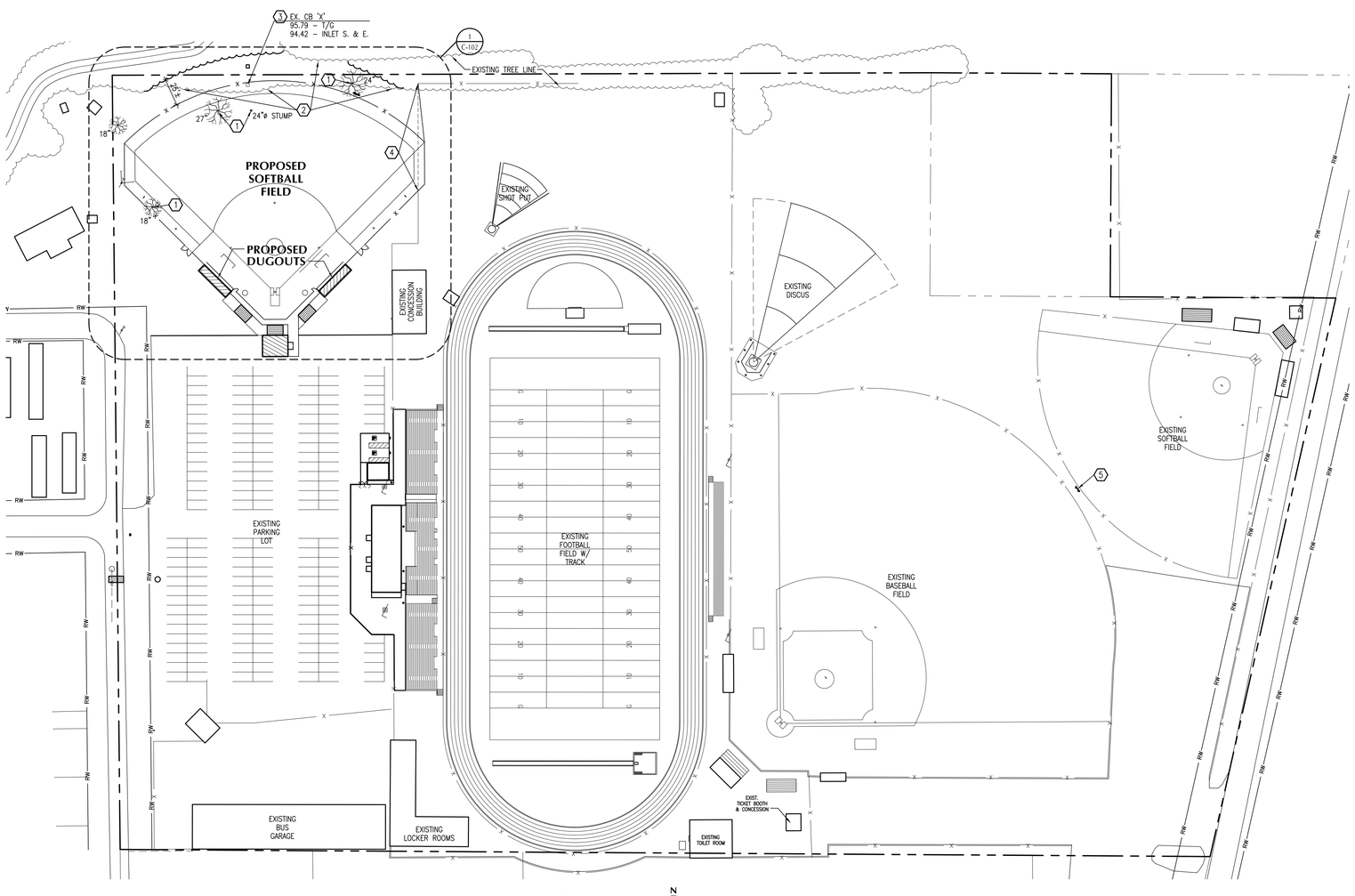
PAULDING E.V. SCHOOLS

SOFTBALL FIELD AND DUGOUTS
755 NORTH WATER STREET
PAULDING, OHIO 45879



C-101 SITE PLAN
SCALE: 1"=60'

N

LIST OF DRAWINGS	
C-101	COVER SHEET, SITE PLAN, CODE INFORMATION
C-102	SITE LAYOUT PLAN AND DETAILS
C-103	SITE GRADING AND UTILITY PLAN, DETAILS
A-101	DUGOUT FOUNDATION PLAN, FLOOR PLAN, ELEVATIONS, SECTIONS, DETAILS

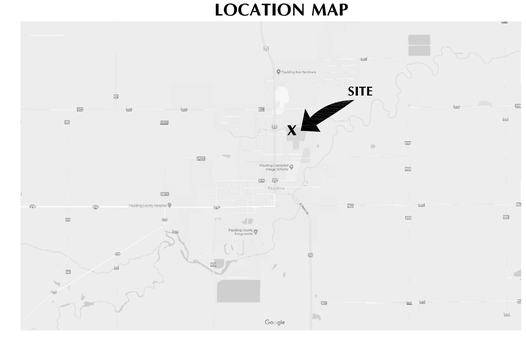
BUILDING CODE INFORMATION			
Building Code	2017 OBC (2015 IBC)		
Use Group			
	Sports Dugout and 16' fence	U	
Construction Type		IIB	
Height and Area Limitations			
	Allowable Building Height Above Grade U, IIB	40' / 2	stories
	Allowable Building Area per Story U, IIB	8,500	SF
	Frontage Increase	4,250	SF
	Automatic Sprinkler System Increase	0	SF
	Total Allowable Building Area	**12,750**	**SF**
Building Height and Area Information			
	Building Height Above Grade	21	Ft
	Bldg. #1	288	SF
	Bldg. #2	288	SF
	Total	**576**	**SF**
	16' Fence	**95**	**LF**
Occupant Load	Bldg. #1 (1 per 15 net)	17	
	Bldg. #2 (1 per 15 net)	17	
	Total	**34**	Occ.

STRUCTURAL DESIGN CRITERIA			
Soil Bearing Capacity			
	Column Footings	1500	psf
	Wall Footings	1500	psf
Concrete Strength (fc)		4000	psi
Risk Category		II	
Exposure Category		B	
Floor Live Load, non-reduced			
	Uniform Live Load	100	psf
	Concentrated Load	1,000	lbs
Floor Dead Load		10	psf
Total Floor Load		110	psf
Roof Live Load		30	psf
Roof Snow Load			
	Ground Snow Load	20	psf
	Snow Exposure Factor	1.0	
	Snow Importance Factor	1.0	
	Thermal Factor	1.1	
	Flat Roof Snow Load	22	psf
Roof Dead Load		25	psf
Total Roof Load		55	psf
Wind Loads			
	Basic Wind Speed	115	mph
	Wind Importance Factor	1.00	
	Internal Pressure Coefficient	+0.18 -0.18	
	Component/Cladding Pressure		
	Roof	+9.7 -27.9	psf
	Wall	+20.3 -22.3	psf
	Roof Overhang	-44.5	psf
Earthquake Design Data			
	Seismic Importance Factor	1.00	
	Spectral Response Acceleration S_S	0.140	
	Spectral Response Acceleration S_1	0.061	
	Site Class	D	
	Spectral Response Coefficient S_{DS}	0.149	
	Spectral Response Coefficient S_{D1}	0.098	
	Seismic Design Category	A	
	Basic Seismic Force Resisting System		
	Bearing Wall System		
	Response Modification Factor R	4.0	
	Seismic Response Coefficient C_S	0.04	
	Effective Seismic Weight	20	kips
	Design Base Shear	1	kips
	Analysis Procedure: Equivalent Lateral Force Procedure		

KEYNOTE LEGEND

1. REMOVE TREE/STUMP AND ROOTS
2. REMOVE TREE LINE TO 25' MINIMUM NORTHERLY OF OUTFIELD FENCE
3. REMOVE EXISTING 2'x2' CATCH BASIN
4. REMOVE A PORTION OF EXISTING FENCE TO CONSTRUCT NEW SOFTBALL FILED
5. RELOCATE SOFTBALL SCOREBOARD, SEE SHEET C-103 FOR NEW LOCATION

LOCATION MAP



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STATE OF OHIO
KRAIG A. BEILHARZ
9482
REGISTERED ARCHITECT

KRAIG A. BEILHARZ, LICENSE #9482
EXPIRATION DATE: 12/31/2021

BEILHARZ ARCHITECTS INCORPORATED

PLOT SCALE
1"=60'
0 30' 60' 90'
FOR SHEET SIZE 24"x36"

ISSUE DATE	
1	01-08-20 OWNER REVIEW
2	01-22-20 FOR PERMITS/BIDS

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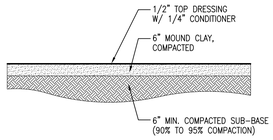
PAULDING E.V. SCHOOLS
SOFTBALL FIELD AND DUGOUTS
755 NORTH WATER STREET
PAULDING, OHIO 45879

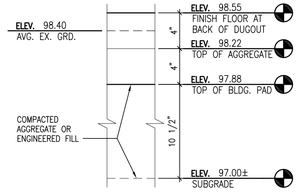
COVER SHEET
CODE INFORMATION

PROJECT: B9-4650
DRAWN BY: JH, SLB
CHECKED BY: KAB

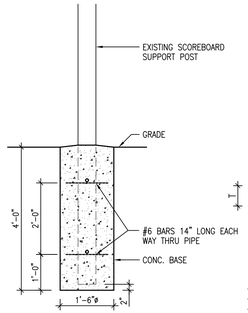
SHEET
C-101



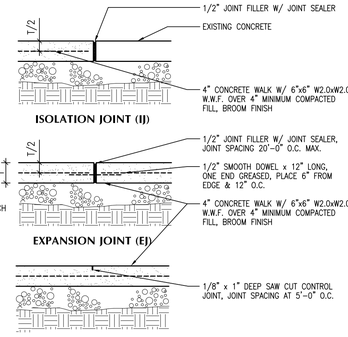
11 C-102 **BATTER'S BOX SURFACE DETAIL**
SCALE: NOT TO SCALE



10 C-102 **BUILDING PAD DETAIL**
SCALE: 1 1/2"=1'-0"



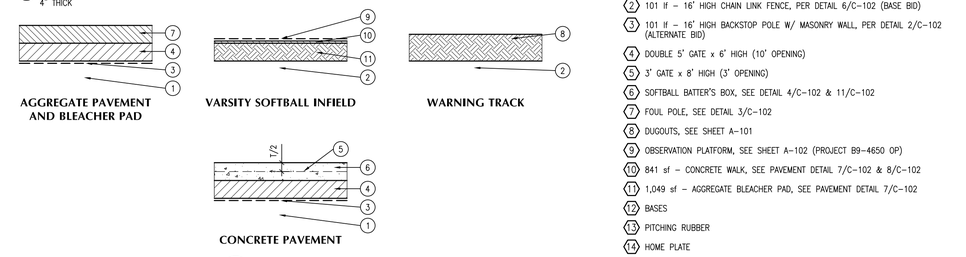
9 C-102 **SCOREBOARD FOUNDATION**
SCALE: 1/2"=1'-0"



8 C-102 **WALK/SLAB DETAIL**
SCALE: NOT TO SCALE

MATERIAL LEGEND

1. 12" SUBGRADE COMPACTION, ODOT 204
2. 6" (MINIMUM) SUBGRADE COMPACTION, ODOT 204
3. GEOTEXTILE FABRIC, ODOT 712.09, TYPE "D"
4. 6" (MINIMUM) ODOT 304 AGGREGATE BASE
5. 6"x6" W4.0xW4.0 WWF
6. ODOT 451 REINFORCED PORTLAND CEMENT CONCRETE, 4" THICK
7. 6" ODOT 411 STABILIZED CRUSHED AGGREGATE
8. 5" CRUSHED LIMESTONE SCREENINGS, COMPACTED IN 2.5" LIFTS
9. 1/4" CONDITIONER
10. 1/2" TOP DRESSING MIX
11. 4" INFIELD MIX, COMPACTED IN 2" LIFTS



7 C-102 **PAVEMENT DETAILS**
SCALE: 1/2"=1'-0"

LEGEND

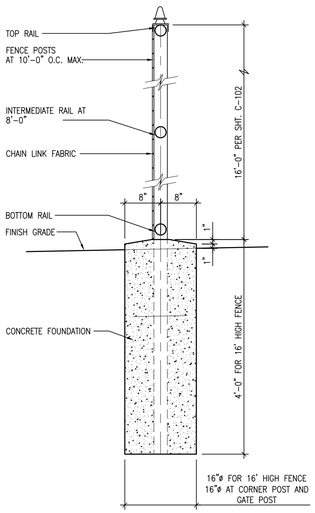
- CONCRETE
- AGGREGATE – BLEACHER PAD AND PARKING LOT
- INFIELD/WARNING TRACK DIRT – BALL FIELDS

KEYNOTE LEGEND

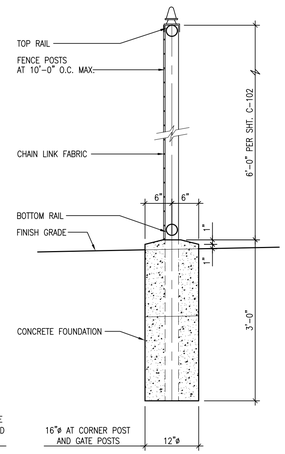
1. 663 lf – 6' HIGH CHAIN LINK FENCE, PER DETAIL 5/C-102
2. 101 lf – 16' HIGH CHAIN LINK FENCE, PER DETAIL 6/C-102 (BASE BID)
3. 101 lf – 16' HIGH BACKSTOP POLE W/ MASONRY WALL, PER DETAIL 2/C-102 (ALTERNATE BID)
4. DOUBLE 5' GATE x 6' HIGH (10' OPENING)
5. 3' GATE x 8' HIGH (3' OPENING)
6. SOFTBALL BATTER'S BOX, SEE DETAIL 4/C-102 & 11/C-102
7. FOUL POLE, SEE DETAIL 3/C-102
8. DUGOUTS, SEE SHEET A-101
9. OBSERVATION PLATFORM, SEE SHEET A-102 (PROJECT B9-4650 OP)
10. 841 sf – CONCRETE WALK, SEE PAVEMENT DETAIL 7/C-102 & 8/C-102
11. 1,049 sf – AGGREGATE BLEACHER PAD, SEE PAVEMENT DETAIL 7/C-102
12. BASES
13. PITCHING RUBBER
14. HOME PLATE
15. NOT USED
16. RELOCATED SCOREBOARD SEE DETAIL 9/C-102 FOR FOUNDATION. REMOVE EXISTING CONCRETE FOUNDATION ON SUPPORT POST. REUSE SUPPORT POST, SCOREBOARD AND DONATION PLAQUE. VERIFY NEW LOCATION WITH OWNER.

MATERIAL SCHEDULE

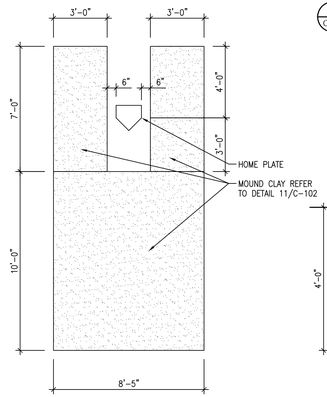
- S1 12,175 sf – VARSITY SOFTBALL INFIELD, PER DETAIL 7/C-102
- S2 6,068 sf – VARSITY SOFTBALL WARNING TRACK, PER DETAIL 7/C-102
- G1 23,927 sf – VARSITY SOFTBALL FIELD GRASS, SPORTS FIELD MIX



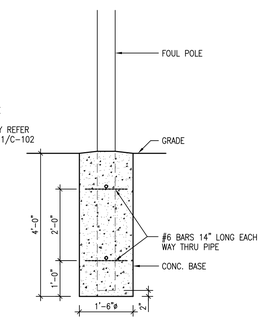
6 C-102 **CHAIN LINK FENCE DETAIL**
SCALE: 3/4"=1'-0"



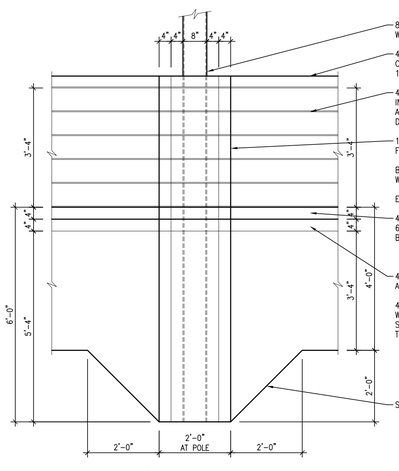
5 C-102 **CHAIN LINK FENCE DETAIL**
SCALE: 3/4"=1'-0"



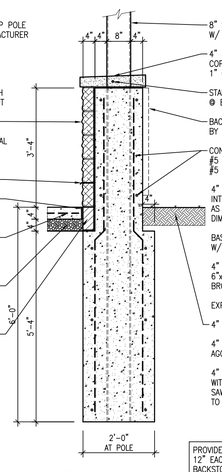
4 C-102 **SOFTBALL BATTER'S BOX**
SCALE: 1/4"=1'-0"



3 C-102 **FOUL POLE FOUNDATION DETAIL**
SCALE: 1/2"=1'-0"

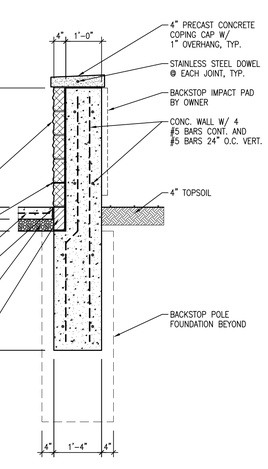


2C C-102 **ELEVATION**
SCALE: 1/2"=1'-0"

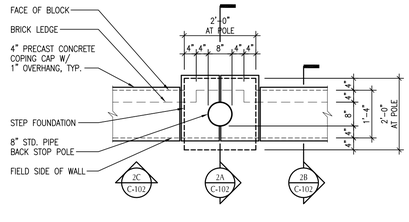


2A C-102 **SECTION**
SCALE: 1/2"=1'-0"

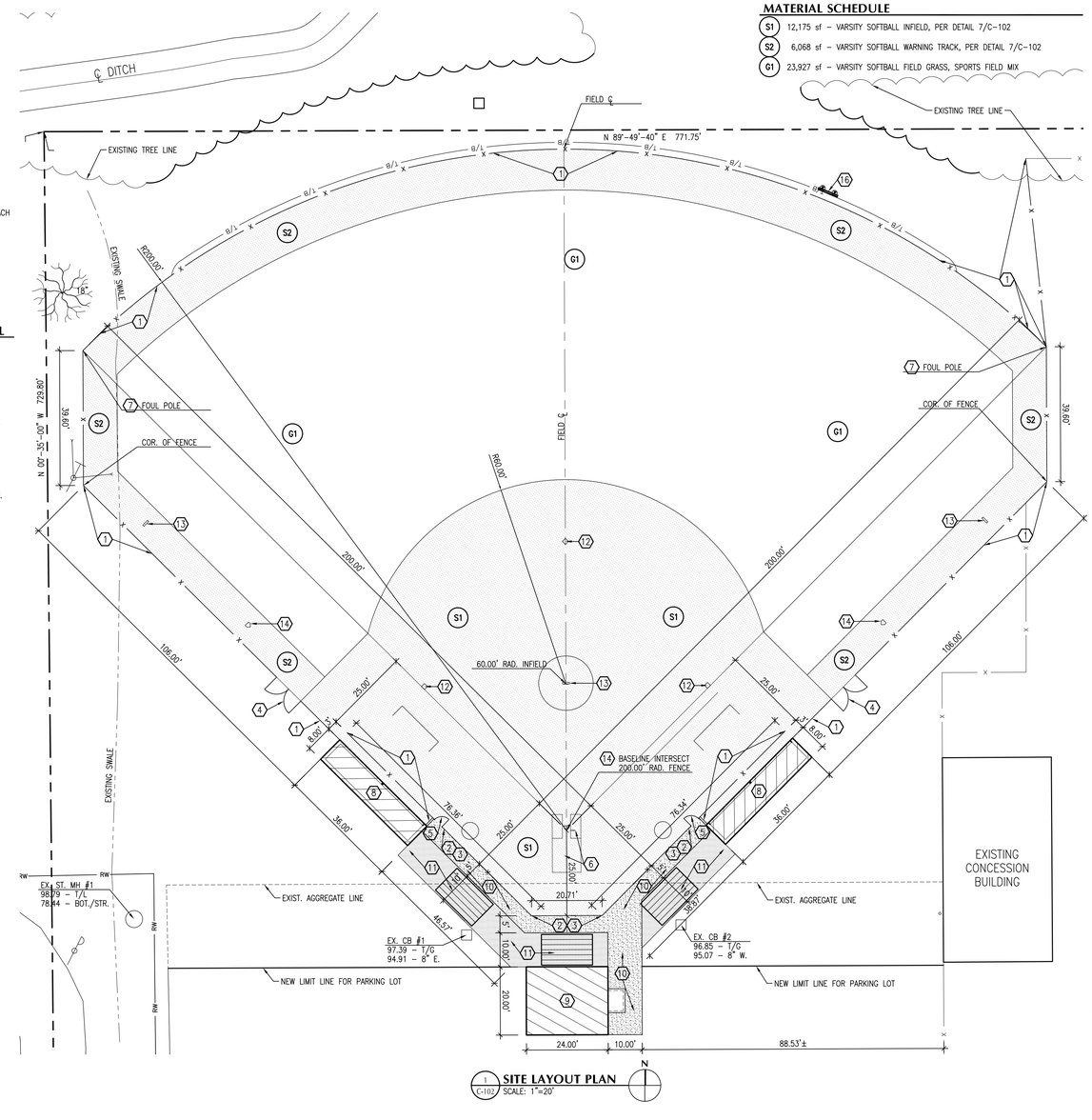
PROVIDE 1/2" EXPANSION JOINT MATERIAL 12" EACH SIDE OF BACKSTOP POLE IN BACKSTOP. FILL WITH JOINT SEALER.



2B C-102 **SECTION**
SCALE: 1/2"=1'-0"



2 C-102 **CONCRETE PIER PLAN (BACKSTOP)**
SCALE: 1/2"=1'-0"



1 C-102 **SITE LAYOUT PLAN**
SCALE: 1"=20'

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KRAIG A. BEILHARZ
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REGISTERED ARCHITECT

KRAIG A. BEILHARZ, LICENSE #9482
EXPIRATION DATE: 12/31/2021

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PLOT SCALE
1"=20'
0 10' 20' 30'
FOR SHEET SIZE 24"x36"

ISSUE DATE	
1	01-08-20 OWNER REVIEW
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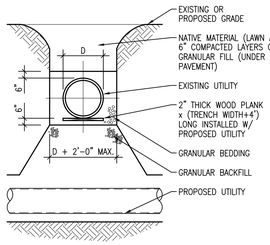
SOFTBALL FIELD AND DUGOUTS
755 NORTH WATER STREET
PAULDING, OHIO 45879

SITE LAYOUT PLAN & DETAILS

PROJECT: B9-4650
DRAWN BY: JH, SLB
CHECKED BY: KAB

SHEET
C-102

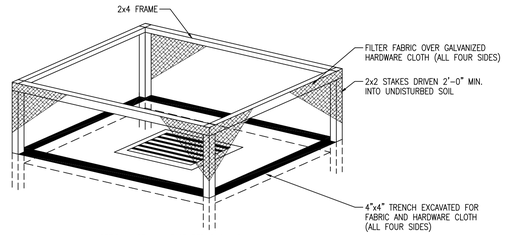


UTILITY CROSSING NOTES

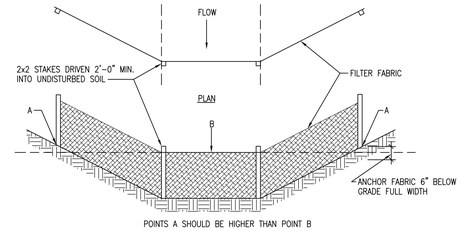
ALL SANITARY, STORM, AND FIELD DRAINS INTERCEPTED SHALL BE REPAIRED WITH THE CORRECT SIZE OF PVC ASTM 3034, SDR35 PIPE AND FERNCO CONNECTORS UNLESS LINE IS INDICATED TO BE ABANDONED. ABANDONED LINES SHALL BE PLUGGED WITH CONCRETE WHEN INTERCEPTED. NO CROSSING SHALL BE BACKFILLED UNTIL APPROVED.

WHEN THE PROPOSED UTILITY CROSSES UNDER AN EXISTING UTILITY, THE ENTIRE TRENCH AREA UNDER THE EXISTING UTILITY SHALL BE BACKFILLED WITH COMPACTED GRANULAR BEDDING MATERIAL TO TOP OF EXISTING UTILITY.

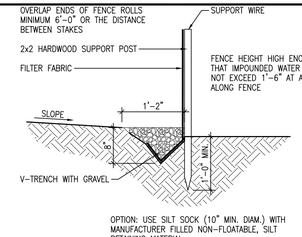
12 C-103 **TYPICAL UTILITY CROSSING DETAILS**
SCALE: NOT TO SCALE



11 C-103 **CATCH BASIN SILT PROTECTION**
SCALE: NOT TO SCALE



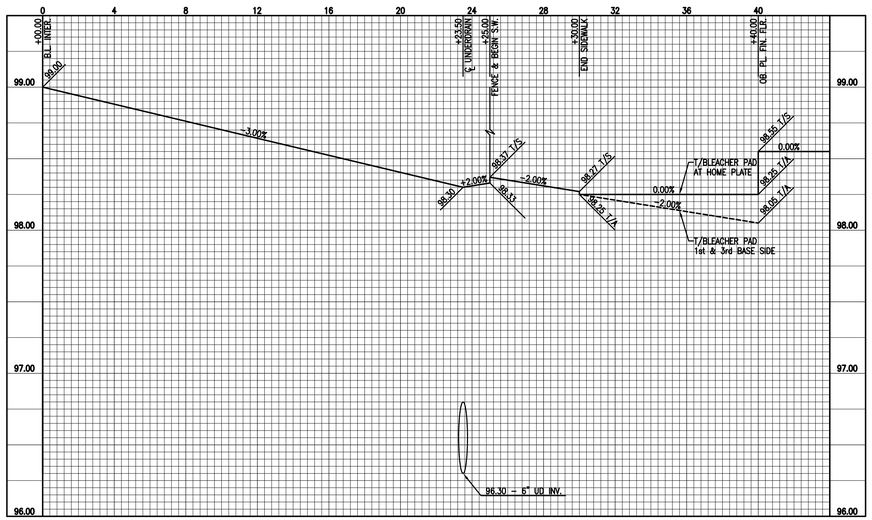
10 C-103 **DRAINAGE WAY SILT BARRIER**
SCALE: NOT TO SCALE



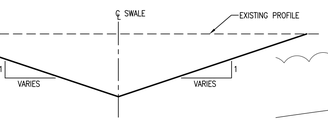
9 C-103 **SILT FENCE DETAIL**
SCALE: NOT TO SCALE

KEYNOTE LEGEND

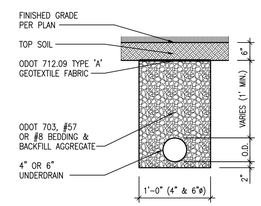
1. PLACE NEW ODOT 2-2B CATCH BASIN PER DETAIL 2/C-103. REMOVE & REPLACE PIPE FROM CATCH BASIN TO SOUTH END OF CMP. CONNECT WITH WATER TIGHT TRANSITION COLLAR.
2. RELOCATED SCOREBOARD SEE DETAIL 9/C-102 FOR FOUNDATION. REMOVE EXISTING CONCRETE FOUNDATION ON SUPPORT POST. REUSE SUPPORT POST, SCOREBOARD AND DONATION PLAQUE. VERIFY NEW LOCATION WITH OWNER.
3. PLACE TYPE 'D' DUMPED ROCK AT OUTFALL.
4. CONSTRUCT LOW EARTH MOUND TO 1.00' MIN. ABOVE SWALE INVERT.
5. REMOVE AGGREGATE. PLACE NATIVE SOILS TO GRADE SEED AND MULCH.
6. REMOVE AGGREGATE. PLACE CONCRETE, NEW AGGREGATE OR SOFTBALL FIELD AS INDICATED



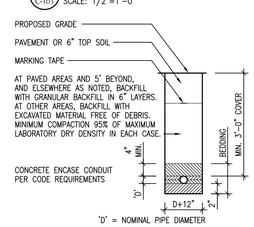
6 C-103 **SECTION #3**
SCALE: 1"=4'-0" HORIZONTAL
1"=0'-6" VERTICAL



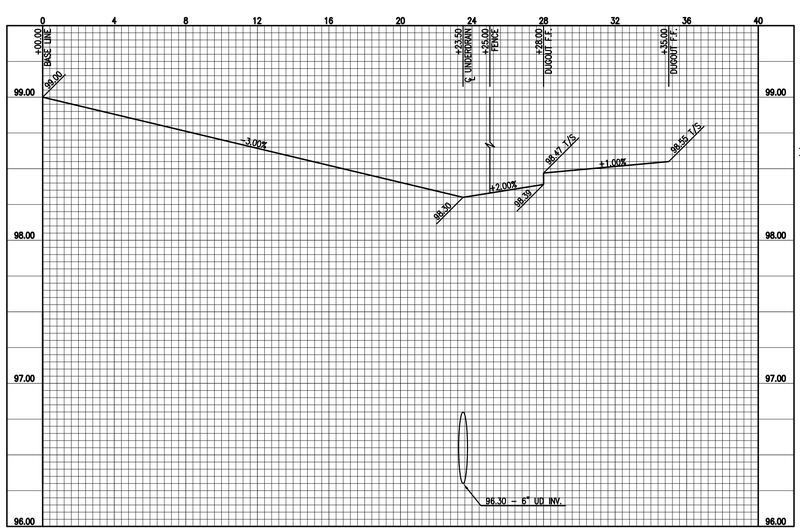
8 C-103 **SWALE SECTION**
SCALE: NOT TO SCALE



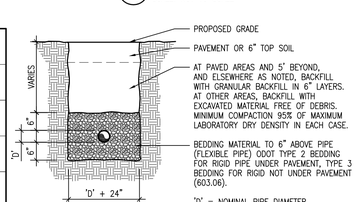
7 C-103 **UNDERDRAIN TRENCH DETAIL**
SCALE: 1/2"=1'-0"



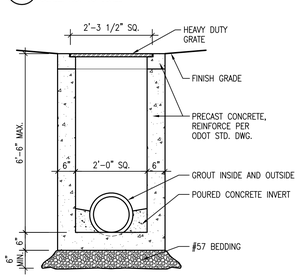
5 C-103 **CONDUIT TRENCH DETAIL**
SCALE: NOT TO SCALE



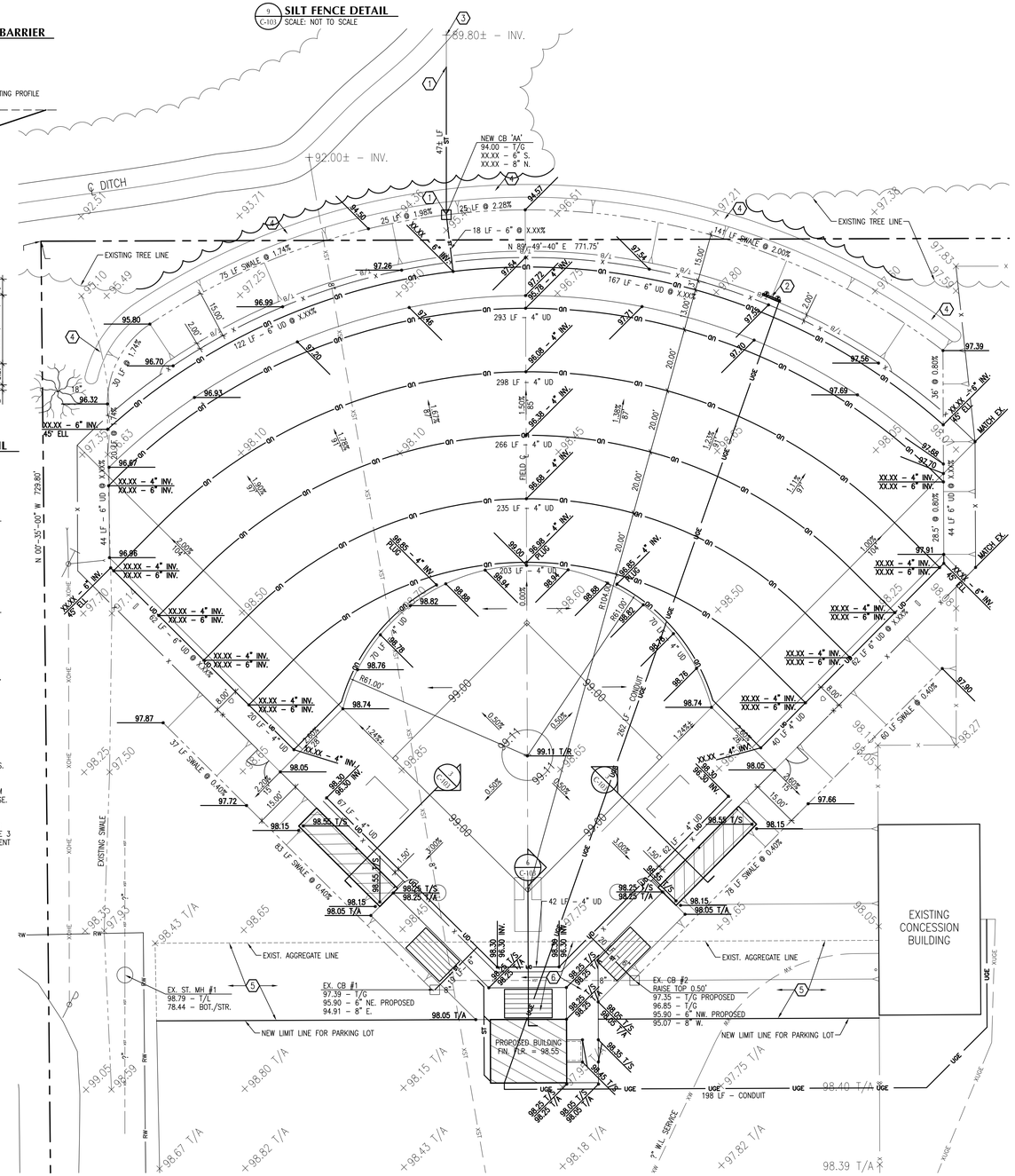
3 C-103 **SECTION #2**
SCALE: 1"=4'-0" HORIZONTAL
1"=0'-6" VERTICAL



4 C-103 **STORM SEWER TRENCH DETAIL**
SCALE: NOT TO SCALE



2 C-103 **CATCH BASIN - ODOT No. 2-2B**
SCALE: 1/2"=1'-0"



1 C-103 **SITE GRADING & UTILITY PLAN**
SCALE: 1"=20'

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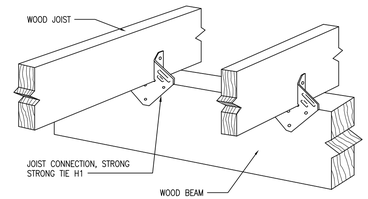
PAULDING E.V. SCHOOLS

SOFTBALL FIELD AND DUGOUTS
755 NORTH WATER STREET
PAULDING, OHIO 45879

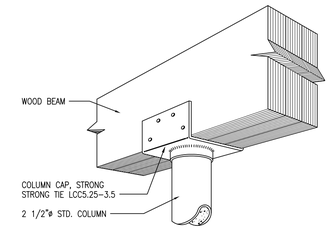
SITE GRADING AND UTILITY PLAN

PROJECT: B9-4650
DRAWN BY: JH, SLB
CHECKED BY: KAB

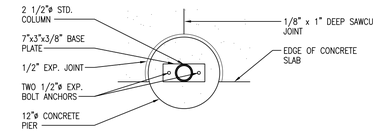
SHEET
C-103



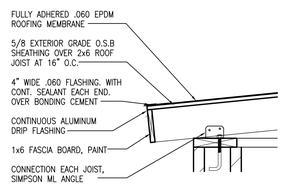
13 A-101 **JOIST CONNECTION DETAIL**
SCALE: 1"=1'-0"



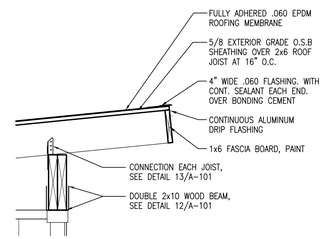
12 A-101 **COLUMN CAP DETAIL**
SCALE: 1"=1'-0"



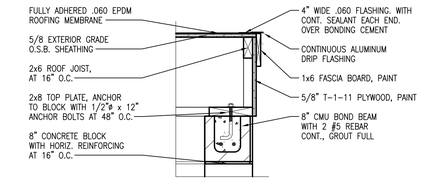
11 A-101 **CONCRETE PIER PLAN**
SCALE: 1"=1'-0"



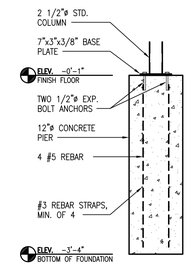
10 A-101 **ROOF DETAIL**
SCALE: 1"=1'-0"



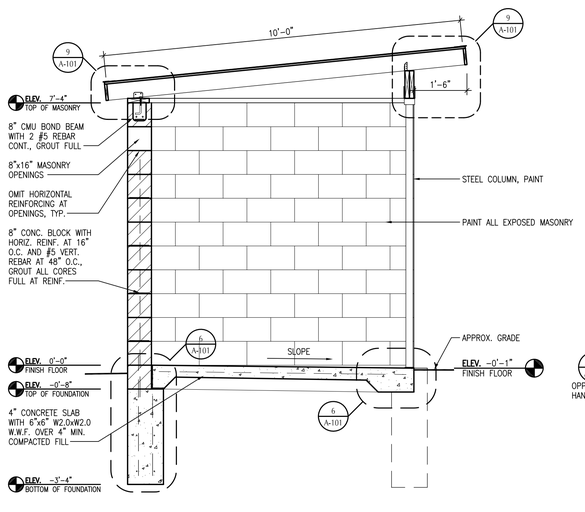
9 A-101 **ROOF DETAIL**
SCALE: 1"=1'-0"



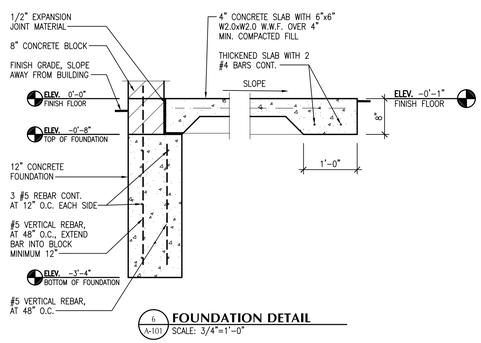
8 A-101 **RAKE DETAIL**
SCALE: 1"=1'-0"



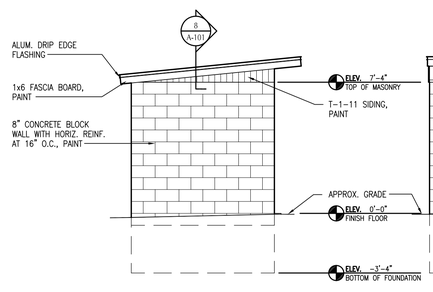
7 A-101 **CONCRETE PIER FOUNDATION**
SCALE: 3/4"=1'-0"



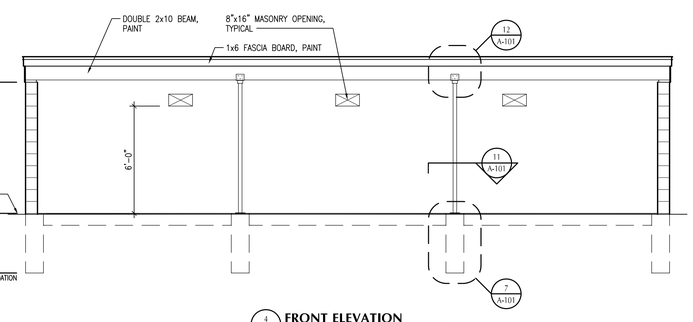
3 A-101 **DUGOUT CROSS SECTION**
SCALE: 1/2"=1'-0"



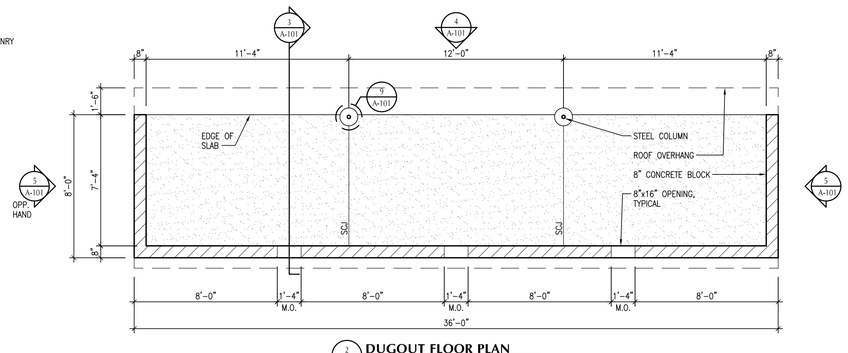
6 A-101 **FOUNDATION DETAIL**
SCALE: 3/4"=1'-0"



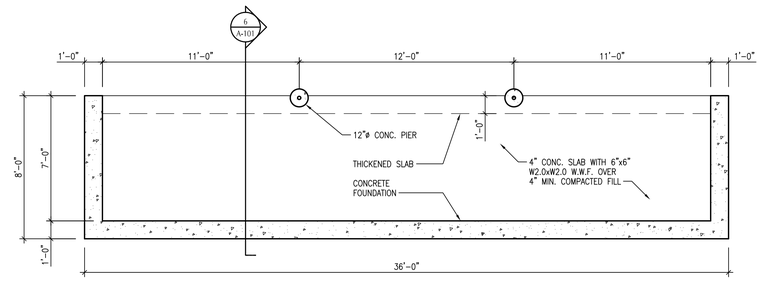
5 A-101 **END ELEVATION, TYPICAL**
SCALE: 1/4"=1'-0"



4 A-101 **FRONT ELEVATION**
SCALE: 1/4"=1'-0"



2 A-101 **DUGOUT FLOOR PLAN**
SCALE: 1/4"=1'-0"



1 A-101 **FOUNDATION PLAN**
SCALE: 1/4"=1'-0"

TWO IDENTICAL DUGOUTS, REFER TO SITE PLANS FOR LOCATIONS

701-1/2 WEST FIRST STREET • DEFIANCE • OHIO • 43512 • PHONE • 419•782•6211 • architects@beilharzinc.com

STATE OF OHIO
KRAIG A. BEILHARZ
9482
REGISTERED ARCHITECT

KRAIG A. BEILHARZ, LICENSE #9482
EXPIRATION DATE: 12/31/2021

BEILHARZ
ARCHITECTS INCORPORATED

PLOT SCALE
1/4"=1'-0"
0 2' 4' 6'
FOR SHEET SIZE 24"x36"

ISSUE DATE	
1	01-08-20 OWNER REVIEW
2	01-22-20 FOR PERMITS/BIDS

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PAULDING E.V. SCHOOLS

SOFTBALL FIELD AND DUGOUTS
755 NORTH WATER STREET
PAULDING, OHIO 45879

DUGOUT PLANS
- FOUNDATION PLANS
- FLOOR PLAN
- BUILDING SECTIONS
- EXTERIOR ELEVATIONS

PROJECT: B9-4650
DRAWN BY: SLB
CHECKED BY: KAB

SHEET
A-101