

NORTH CONCESSION STAND
AT NAVARRE HIGH SCHOOL

8600 HIGH SCHOOL BLVD.

NAVARRE, FL 32566

FOR THE
SCHOOL BOARD OF
SANTA ROSA COUNTY

PHASE II
CONSTRUCTION DOCUMENTS

OWNER CONTACTS: Santa Rosa County School Board Santa Rosa County, FL Phone: 850-983-5123 Fax: 850-983-5115 Joseph B. Harrell Assistant Superintendent for Administrative Services Email: Harrelj@mail.santarosa.k12.fl.us	ARCHITECT: DAG Architects, Inc. 40 South Palafox Place, Suite 201 Pensacola, Florida 32502 Phone: 850-429-9004 Fax: 850-429-9005 PIC: Dave Luttrell, AIA PM: Owen Gipson, AIA Email: ogipson@dagarchitects.com	PLUMBING: Schmidt Consulting Group, Inc. 901 West Garden Street Pensacola, FL 32502 Phone: 850-438-0050 Fax: 850-432-8631 Joe Jones Email: joe@schmidtconsulting group.com
ELECTRICAL: Schmidt Consulting Group, Inc. 901 West Garden Street Pensacola, FL 32502 Phone: 850-438-0050 Fax: 850-432-8631 Todd Nicholson, PE Email: toddn@schmidtconsulting group.com	TELECOMMUNICATIONS: Schmidt Consulting Group, Inc. 901 West Garden Street Pensacola, FL 32502 Phone: 850-438-0050 Fax: 850-432-8631 Todd Nicholson, PE Email: toddn@schmidtconsulting group.com	CIVIL & SURVEYING: Jehle-Halstead, Inc. 5414 Highway 90 Milton, FL 32571 Phone: 850-994-9503 Fax: 850-994-9504 Patrick Jehle, Jr, E.I. Email: pjehle@jehle-halstead.com
A1 SCALE: NTS	Project Teams and Discipline Allocation	

PHASE II (DD) APPROVAL

SIGNATURE

DATE: 1/5/18

MR. B. NOACK (PRINCIPAL)

MR. B. HOWELL (ASSISTANT PRINCIPAL)

PROJECT INDEX:

GENERAL:

A000 SET COVER SHEET - SHEET INDEX,
DESIGN TEAM
LS100 LIFE SAFETY PLAN

PLUMBING SHEETS:

P001 PLUMBING LEGEND
P101 PLUMBING PLAN
P201 PLUMBING DETAILS
P202 PLUMBING DETAILS

CIVIL SHEETS:

C000 CIVIL NOTES & INFORMATION
C001 EXISTING SITE CONDITIONS
C002 SITE DEMOLITION PLAN
C003 SITE IMPROVEMENTS PLAN
C004 OFF-SITE IMPROVEMENTS PLAN
C005 SITE DIMENSIONING PLAN
C006 SITE GRADING PLAN
C007 SITE CONSTRUCTION DETAILS
C008 LIFT STATION DETAILS
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S101 FOUNDATION PLAN, SECTIONS, DETAILS
& GENERAL NOTES

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A120 ROOF PLAN
A200 EXTERIOR ELEVATIONS
A310 WALL SECTIONS
A500 DOOR SCHEDULE, WINDOW
SCHEDULE, FINISH SCHEDULE

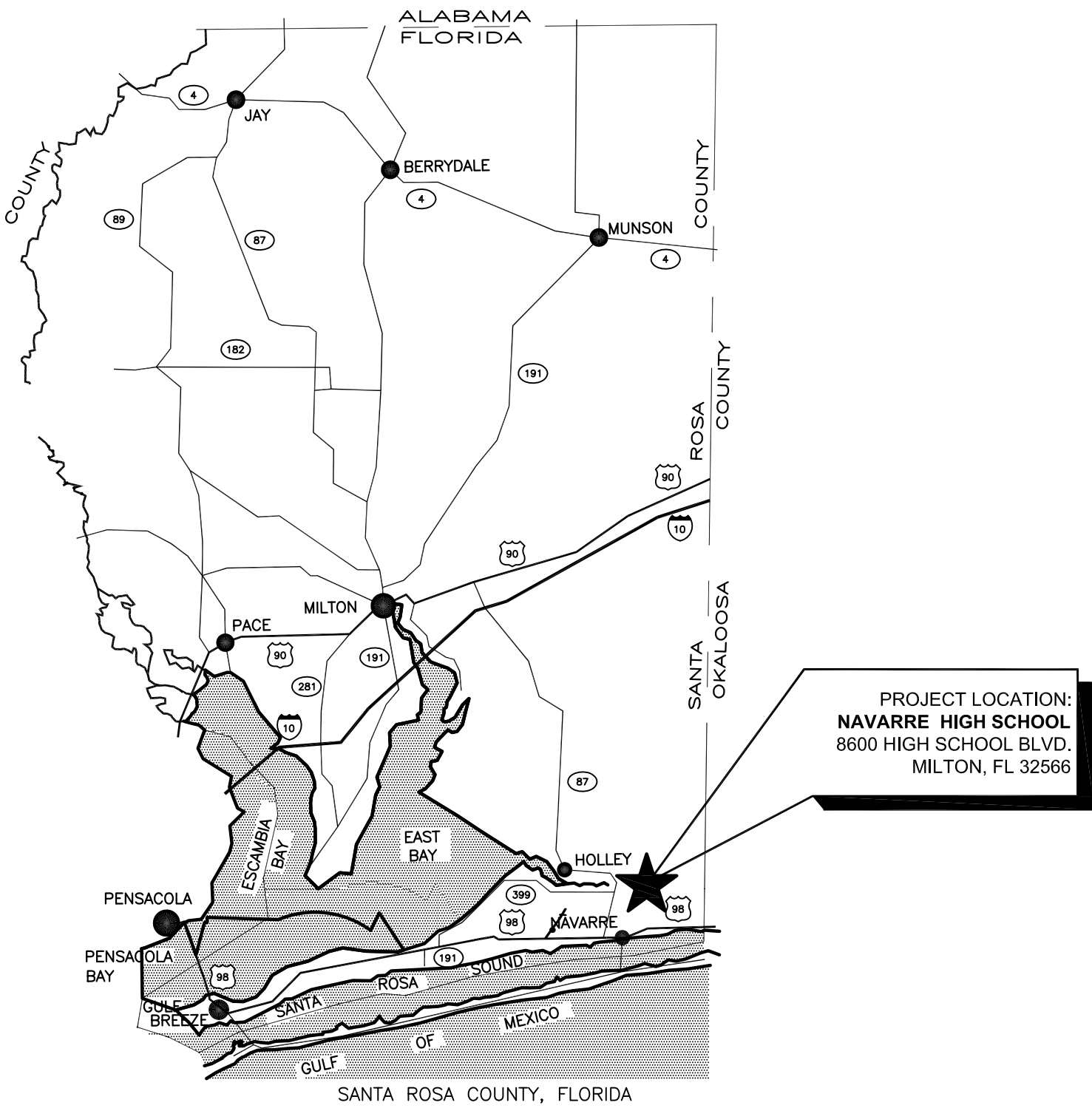
ELECTRICAL SHEETS:

E001 ELECTRICAL LEGEND & NOTES
E101 ELECTRICAL NEW WORK PLAN
E201 ELECTRICAL NEW WORK PLAN
E301 ELECTRICAL SCHEDULES

B4

Project Sheet Index

SCALE: NTS



A4

Vicinity Map

SCALE: NTS



DAG ARCHITECTS INC.
40 S. PALAFOX PLACE - STE 201
PENSACOLA, FL 32502
TELEPHONE: 850-429-9004 FAX: 850-429-9005
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DESIGN
DEVELOPMENT
(PHASE II)

Navarre High School
North Concession Stand
8600 High School Blvd.
Navarre, FL 32566

Revision

Date:	No.	Description:
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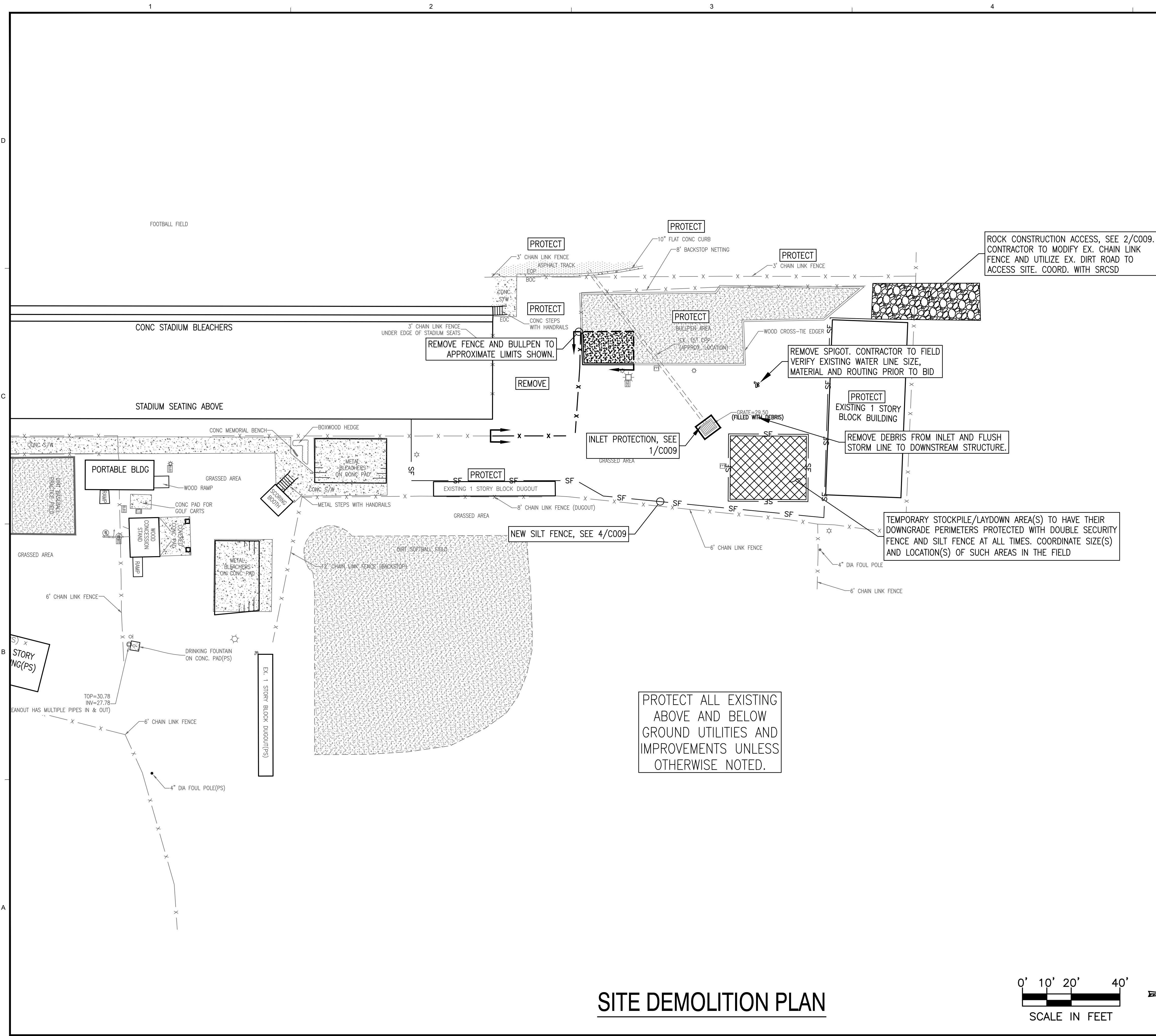
Drawn By: SJT
Checked By: OEG

Date: 1-05-18

Project No.: 17062

Drawing Title:
SET COVER SHEET -
PROJECT STATS, CODE REVIEW,
SHEET INDEX & DESIGN TEAM

Drawing No.: A000



LEGEND:

	6" SQUARE METAL ACCESS PLAT UNKNOWN UTILITY
	CONCRETE PAD MOUNTED TRANSFORMER
	2" SQUARE BRICK COLUMN
	HOSE BIBB
	ELECTRICAL OUTLET ON 4" SQUARE WOOD POST
	8" SQUARE CONCRETE LIGHT POLE
	STORMWATER MANHOLE
	DROP INLET IN CONCRETE COLLAR
	SIDEWALK INLET
	DOWNSPOUT
	IRRIGATION VALVE
	SEWER MANHOLE
	CLEANOUT
	ELECTRIC PANEL
	AIR CONDITIONER
	SPOT ELEVATION
	ELEVATION CONTOUR LINE AT ONE FOOT INTERVALS
	FOUND 1/2" DIA IRON ROD (UNNUMBERED)
	SET BENCHMARK
	CHAIN LINK FENCE
	SEWER LINE
	STORM LINE
	BURIED ELECTRIC
	SURVEY LIMITS
	FLOW LINE
	SILT FENCE
	TREE PROTECTION
	SOD
	CONCRETE
	ASPHALT
	A/C
	BOC
	CLF
	CONC
	CPP
	DIA
	EOP
	EL
	(F)
	GSP
	INV
	NAVD 88
	No.
	PVC
	RCP
	R/W
	SR
	S/W
	TBM
	(TYP)

SCALE IN FEET

0' 10' 20' 40'

North Arrow

North

jhi jehle-halstead, inc.
Civil Engineering and Surveying
5414 Highway 90 • Milton, Florida 32571
(850) 994-9503
www.jehle-halstead.com
Certificate of Authorization No. 00004869
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dag

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SCHEMATIC DESIGN (PHASE I)

Navarre High School North Concession Stand
8600 High School Blvd.
Navarre, FL 32566

D. PATRICK JEHL JR.
P.E. 71528

Revision		
Date	No.	Description

Drawn By: JDG/GPE
Checked By: DPJJ

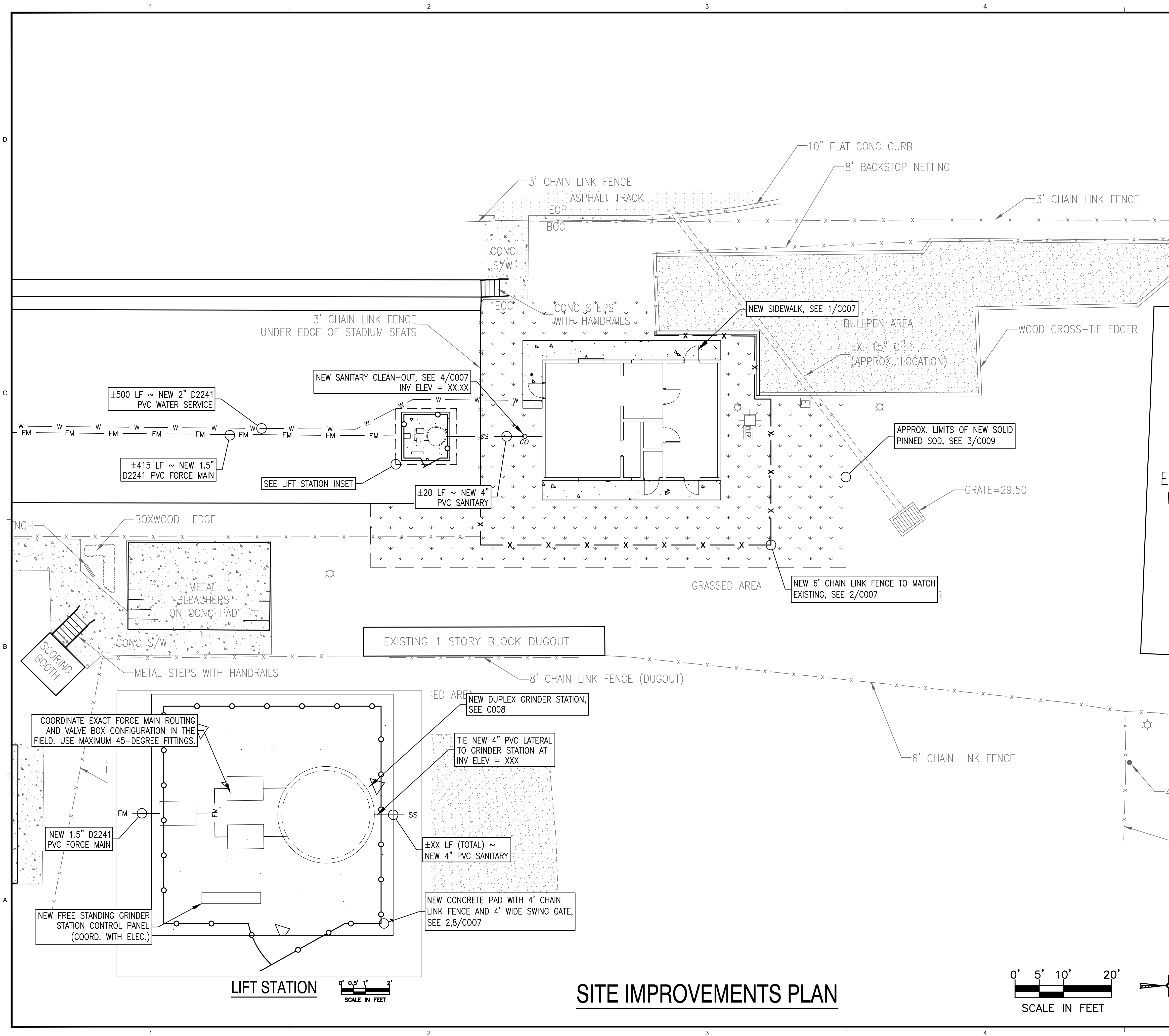
Date: 1-5-18

Project No.: 170062

Drawing Title:

SITE DEMOLITION PLAN

Drawing No.: **C002**



LEGEND:

	6" SQUARE METAL ACCESS PLAT UNKNOWN UTILITY
	CONCRETE PAD MOUNTED TRANSFORMER
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	HOSE BIBB
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	SURVEY LIMITS
	FLOW LINE
	SILT FENCE
	TREE PROTECTION

	SOD
	CONCRETE
	ASPHALT
	A/C
	BOC
	CLF
	CONC
	CPP
	DIA
	EOP
	EL
	(F)
	GSP
	INV
	NAVD 88
	No.
	PVC
	RCP
	R/W
	SR
	S/W
	TBM
	(TYP)

6" SQUARE METAL ACCESS PLAT UNKNOWN UTILITY

CONCRETE PAD MOUNTED TRANSFORMER

2" SQUARE BRICK COLUMN

HOSE BIBB

ELECTRICAL OUTLET ON 4" SQUARE WOOD POST

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(PHASE I)

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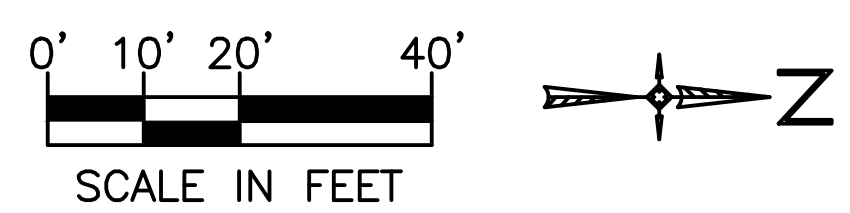
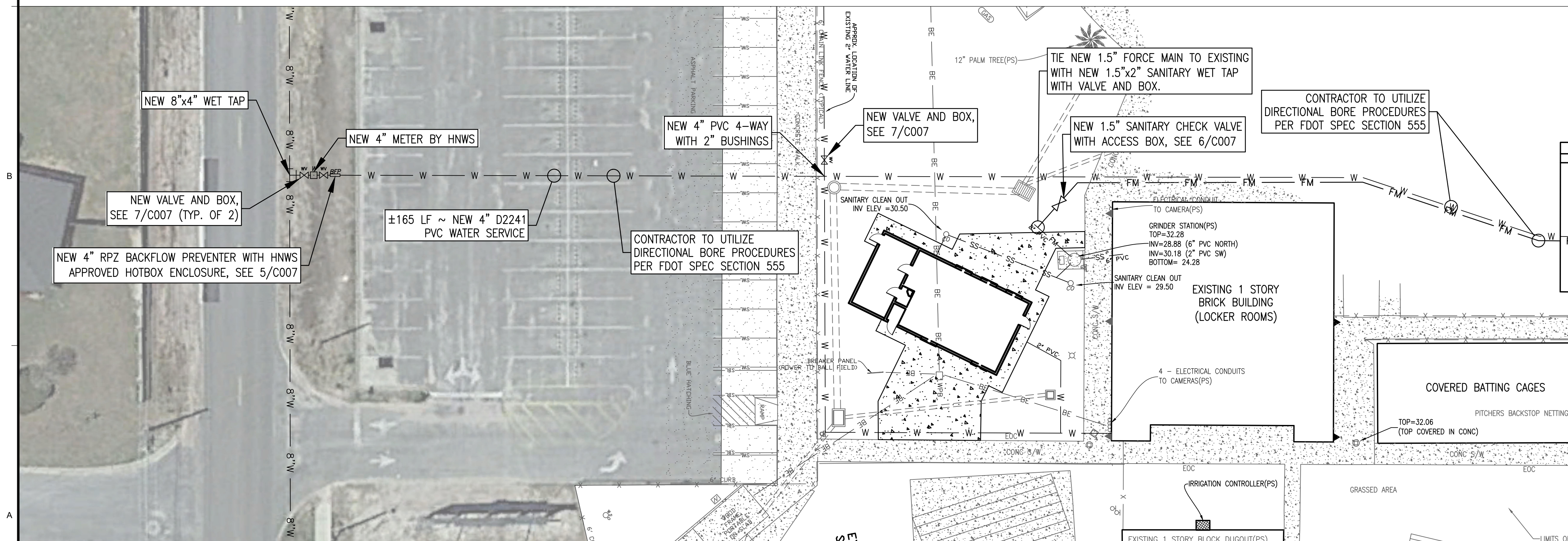
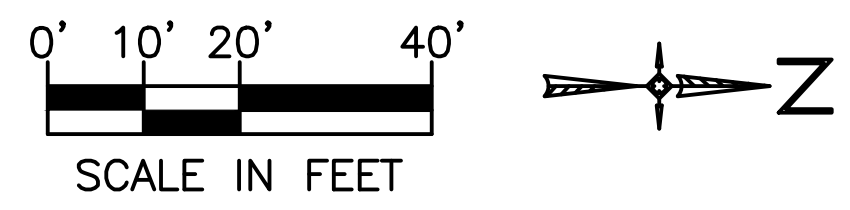
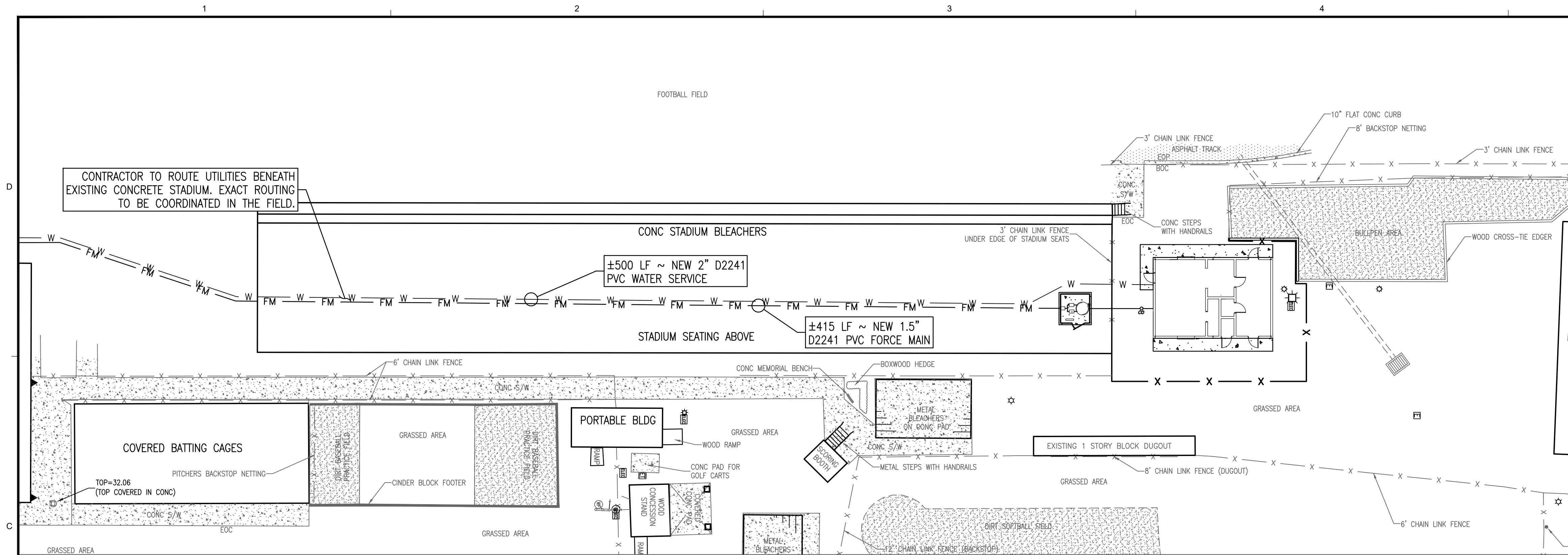
Project No.: 170062

Drawing Title:

SITE IMPROVEMENTS PLAN

Drawing No.: C003

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OFF-SITE IMPROVEMENTS PLAN

LEGEND:

- 6" SQUARE METAL ACCESS PLAT UNKNOWN UTILITY
- CONCRETE PAD MOUNTED TRANSFORMER
- 2" SQUARE BRICK COLUMN
- HOSE BIBB
- ELECTRICAL OUTLET ON 4" SQUARE WOOD POST
- 8" SQUARE CONCRETE LIGHT POLE
- STORMWATER MANHOLE
- DROP INLET IN CONCRETE COLLAR
- SIDEWALK INLET
- DOWNSPOUT
- IRRIGATION VALVE
- SEWER MANHOLE
- CLEANOUT
- CLEANOUT
- ELECTRIC PANEL
- AIR CONDITIONER
- SPOT ELEVATION
- ELEVATION CONTOUR LINE AT ONE FOOT INTERVALS
- FOUND 1/2" DIA IRON ROD (UNNUMBERED)
- SET BENCHMARK
- CHAIN LINK FENCE
- SEWER LINE
- STORM LINE
- BURIED ELECTRIC
- SURVEY LIMITS
- FLOW LINE
- SILT FENCE
- TREE PROTECTION
- SOD
- CONCRETE
- ASPHALT
- A/C AIR CONDITIONER
- BOC BACK OF CURB
- CLF CHAIN LINK FENCE
- CONC CONCRETE
- CPP CORRUGATED PLASTIC PIPE
- DIA DIAMETER
- EOP EDGE OF PAVEMENT
- EL ELEVATION
- (F) FIELD INFORMATION
- GSP GALVANIZED STEEL PIPE
- INV INVERT
- NAVD 88 NORTH AMERICAN VERTICAL DATUM 1988
- No. NUMBER
- PVC POLYVINYL CHLORIDE PIPE
- RCP REINFORCED CONCRETE PIPE
- R/W RIGHT-OF-WAY
- SR STATE ROAD
- S/W SIDEWALK
- TBM TEMPORARY BENCHMARK
- (TYP) TYPICAL FEATURE

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SCHEMATIC DESIGN (PHASE I)

**Navarre High School
North Concession Stand**
8600 High School Blvd.
Navarre, FL 32566

D. PATRICK JEHL JR.
P.E. 71528

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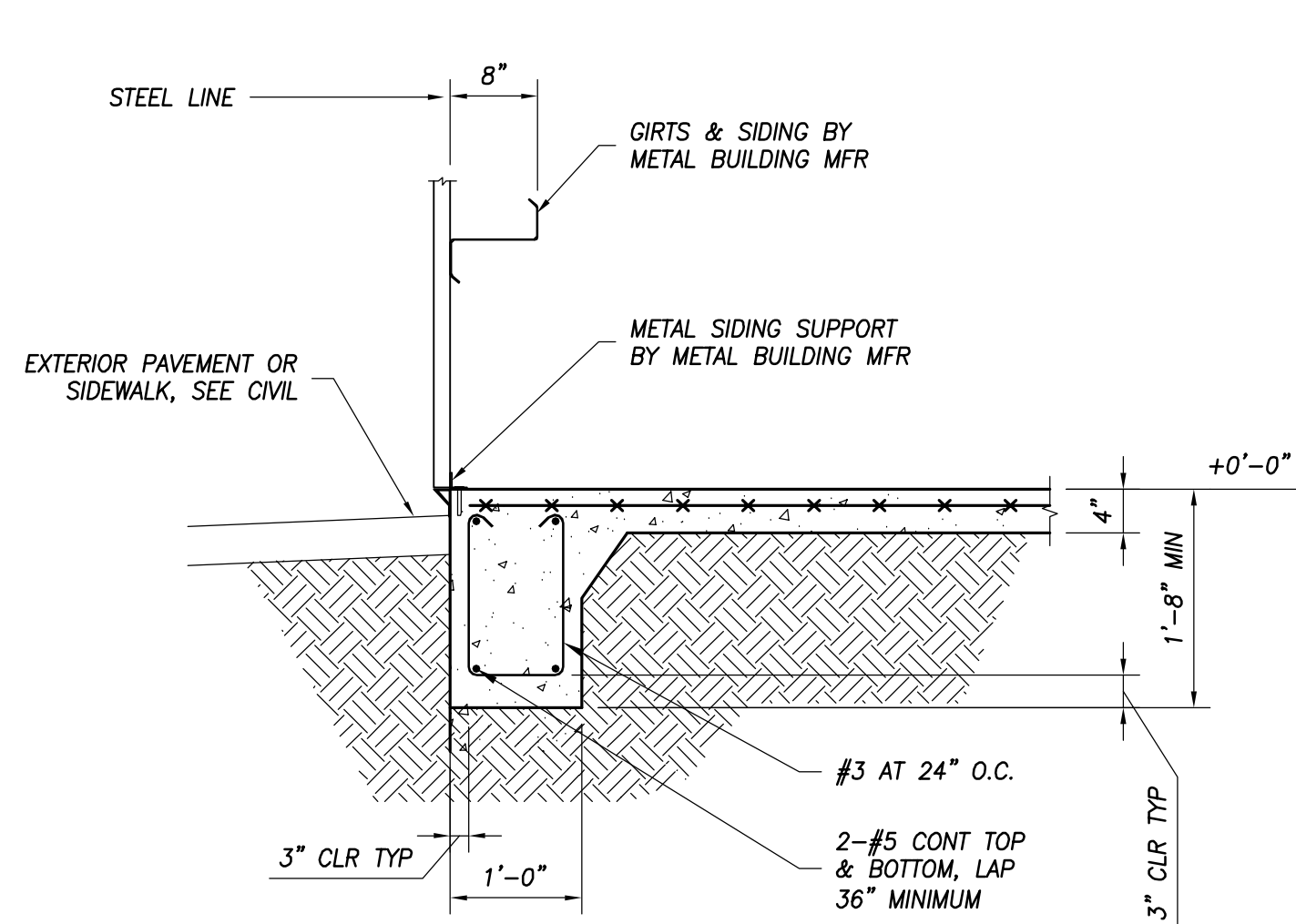
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Checked By: DPJJ

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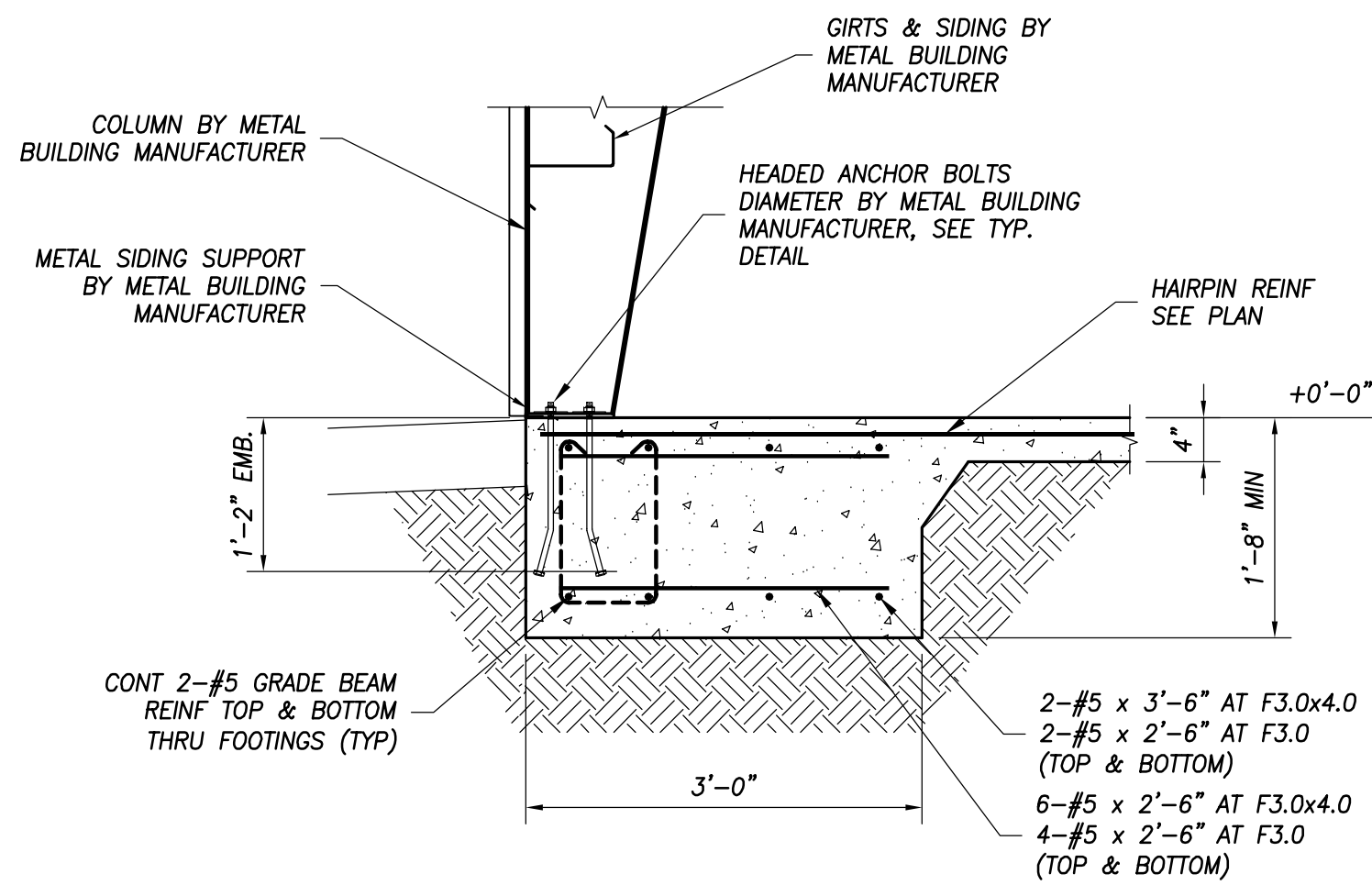
Project No.: 170062

Drawing Title:
OFF-SITE IMPROVEMENTS PLAN

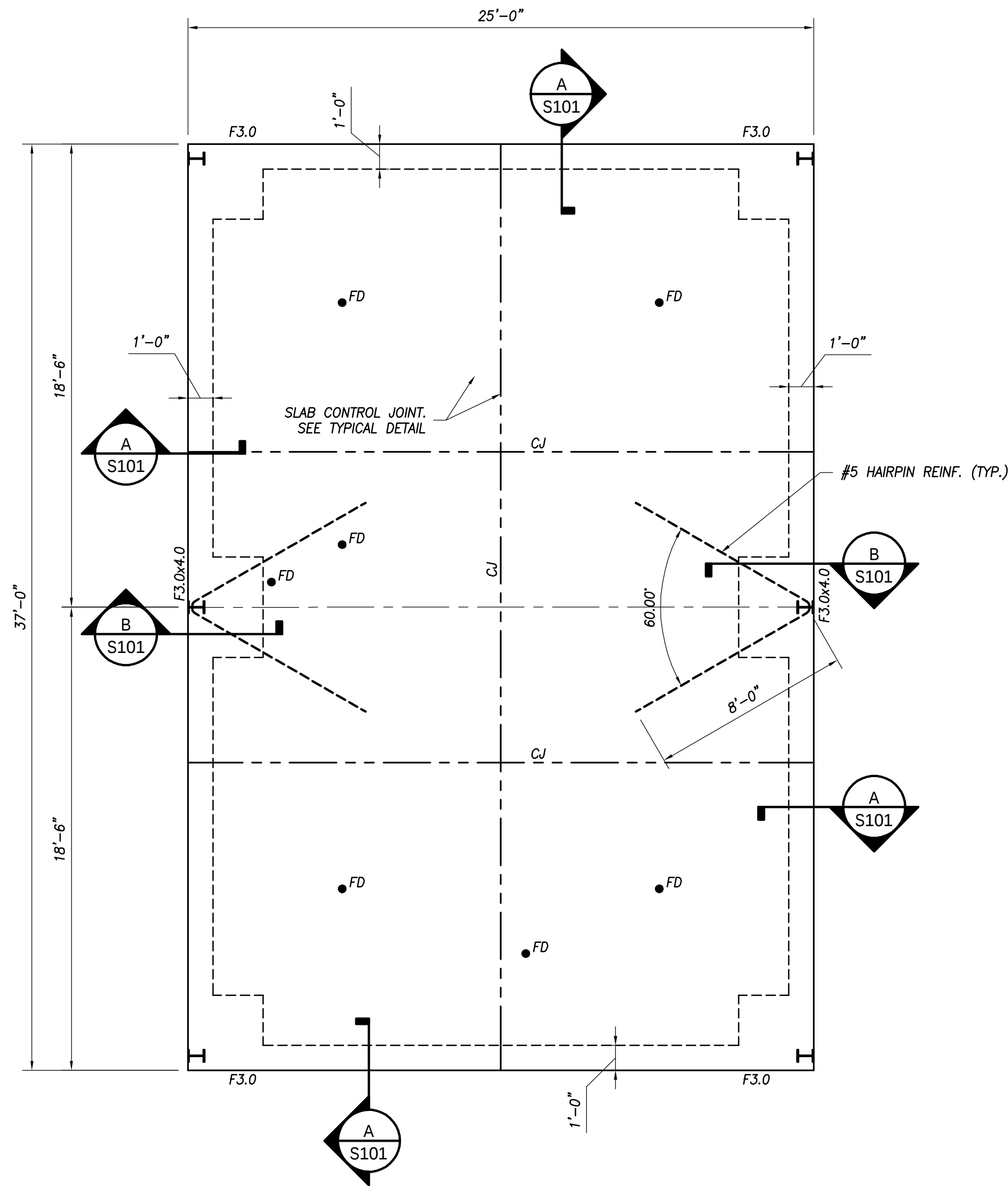
Drawing No.: **C004**



SECTION A
 $\frac{3}{4}" = 1'-0"$
S101



SECTION B
 $\frac{3}{4}" = 1'-0"$
S101

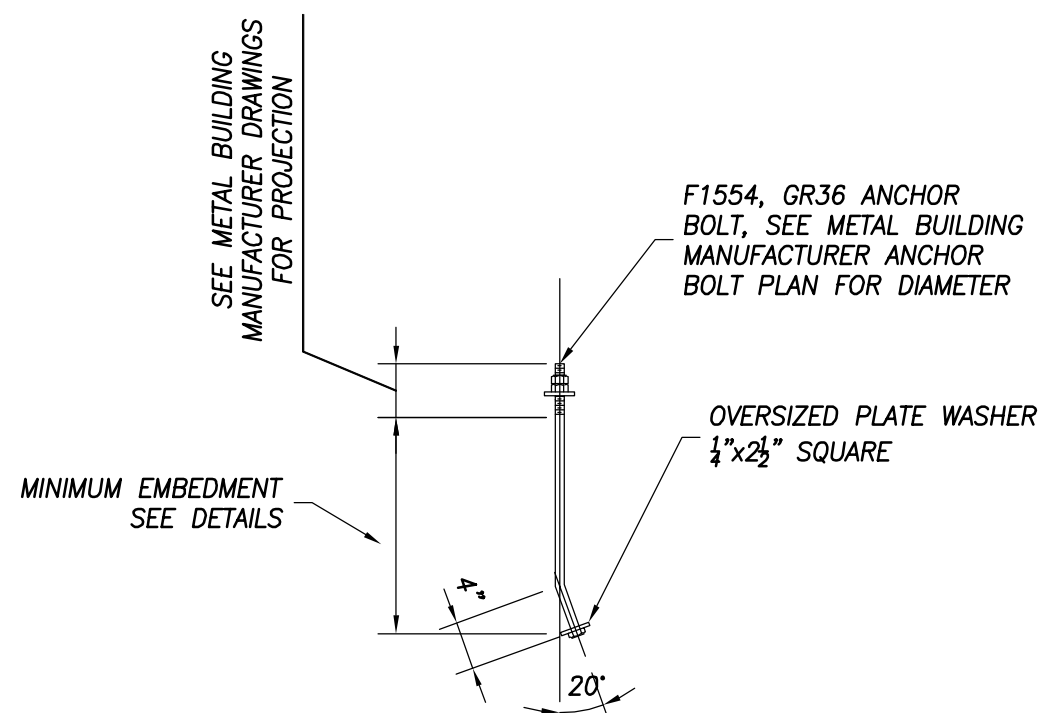


TYPICAL NEW SLAB CONSTRUCTION:
4" THICK MINIMUM CAST-IN-PLACE CONCRETE SLAB REINFORCED WITH 6x6 W1.4xW1.4 WWF SUPPORTED ON $2\frac{1}{2}"$ APPROVED CHAIRS AT 3'-0" O.C. EACH WAY MAXIMUM. POUR SLAB OVER VAPOR BARRIER PLACED ON COMPACTED ENGINEERED FILL.

NOTE:
1. SEE THIS SHEET FOR TYPICAL DETAILS.
2. FD - FLOOR DRAIN, SEE ARCH. AND PLUMBING.
3. CJ - CONTROL JOINT, SEE TYPICAL DETAIL.

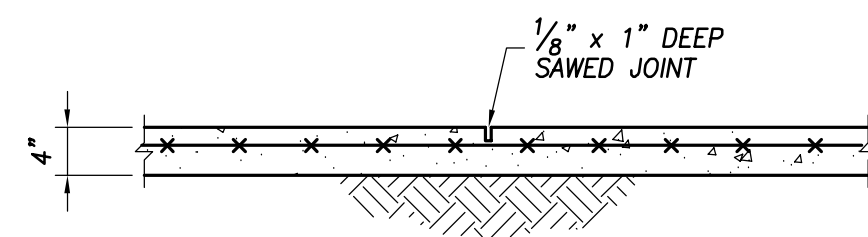
FOUNDATION PLAN

SCALE $1/4" = 1'-0"$



NOTE: METAL BUILDING COLUMN ANCHOR BOLTS BY METAL BUILDING MANUFACTURER. ANCHOR BOLT DIAMETER AND LOCATIONS SHOWN ARE PRELIMINARY. VERIFY DIAMETER AND PLACEMENT.

TYPICAL A.B. DETAIL
 $\frac{3}{4}" = 1'-0"$



TYPICAL CONTROL JOINT DETAIL
 $\frac{3}{4}" = 1'-0"$

GENERAL NOTES:

1. MATERIALS SPECIFICATIONS:

CONCRETE 3,000 PSI AT 28 DAYS
REINFORCING STEEL ASTM A615 GRADE 60
WELDED WIRE FABRIC ASTM A185 (FLAT SHEETS)
THREADED RODS ASTM A36, A307 OR A193 GRADE B7
ANCHOR BOLTS ASTM A307 OR F1554, GRADE 36
NUTS & WASHERS ASTM A563 & F436

2. PRE-FABRICATED BUILDING MINIMUM LOAD REQUIREMENTS IN ACCORDANCE WITH FLORIDA BUILDING CODE 5TH EDITION (2014) AND ASCE 7-10 STANDARD CODE AS FOLLOWS:

ROOF LIVE LOAD = 20 PSF (REDUCIBLE PER FBC 5TH ED.)
COLLATERAL LOAD = 8 PSF
ULTIMATE DESIGN WIND SPEED = 160 MPH
NOMINAL DESIGN WIND SPEED = 124 MPH
BUILDING RISK CATEGORY III
EXPOSURE C
ENCLOSED BUILDING
INTERNAL PRESSURE COEFFICIENT = ± 0.18

3. ASSUMED ALLOWABLE DESIGN SOIL BEARING PRESSURE IS 1,500 PSF. FOUNDATIONS AND FLOOR SLABS SHALL BEAR ON NATURAL GROUND AND ENGINEERED FILL FREE OF ROOTS AND OTHER ORGANIC MATERIALS. ALL FILL MATERIAL SHALL BE SELECT CLEAN STRUCTURAL FILL. PREPARE SITE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT PREPARED FOR THIS PROJECT.

4. PLACE REINFORCING IN CONCRETE WITH A MINIMUM OF 3" CLEAR COVER WHEN CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH. PROVIDE CORNER BARS FOR ALL CONTINUOUS HORIZONTAL REINFORCING.

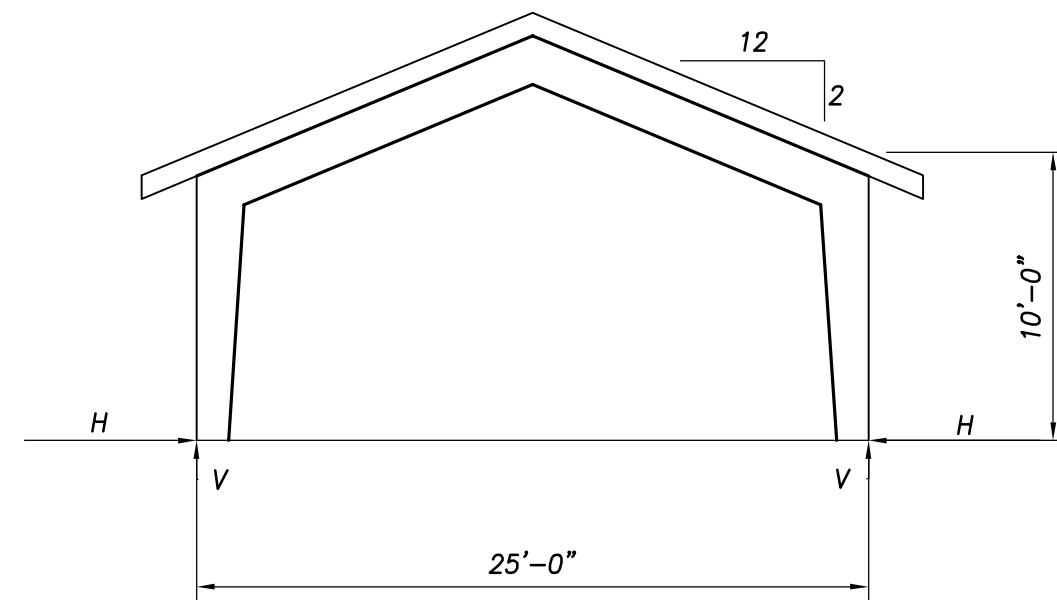
6. ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS ARE REFERENCED ABOVE (+) OR BELOW (-) FIRST FINISHED FLOOR ELEVATION OF +0'-0". VERIFY ACTUAL FLOOR ELEVATION WITH CIVIL AND ARCHITECTURAL DRAWINGS.

7. THE FOUNDATION DESIGN IS BASED ON PRELIMINARY ASSUMED MAXIMUM BUILDING REACTIONS AS INDICATED. SUBMIT FINAL DESIGN FROM THE BUILDING MANUFACTURER TO THE FOUNDATION ENGINEER FOR REVIEW AND APPROVAL OF FINAL FOOTING SIZES AND ANCHOR BOLT EMBEDMENT DESIGN.

8. REFER TO METAL BUILDING MANUFACTURER'S DRAWINGS FOR COLUMN LOCATIONS AND ANCHOR BOLT LAYOUT.

SPREAD FOOTING SCHEDULE

MARK	SIZE (WIDTHxLENGTHxDEPTH)	FOOTING REINFORCING
F3.0	3'-0"x3'-0"x1'-8"	4-#5 EACH WAY TOP & BOTTOM
F3.0x4.0	3'-0"x4'-0"x1'-8"	4-#5 LONG WAY TOP & BOTTOM 6-#5 SHORT WAY TOP & BOTTOM



ASSUMED DESIGN REACTIONS

GRID LINE: 2,3,4
H = 3.5-K OR -7.5-K
V = 7.8-K OR -12.5-K

END WALL COLUMN REACTIONS

MAXIMUM VERTICAL = 7.2-K
MAXIMUM UPLIFT = -9.7-K
MAXIMUM HOIZONTAL = 10.4-K

FRAME ELEVATION & REACTIONS

N.T.S.



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DESIGN DEVELOPMENT (PHASE II)

Navarre High School North Concession Stand

8600 High School Blvd.
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Revision

Date:	No.	Description:
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Drawn By: SWL
Checked By: BLSE

Date: 1-05-18

Project No.: 17062

Drawing Title:
FOUNDATION PLAN,
SECTIONS, DETAILS
AND GENERAL NOTES

Drawing No.: S101



Stephen W. Leonard, PE (FL Lic. No. 60370)

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Drawn By: CAD
Checked By: CAD

Date: 1-05-18

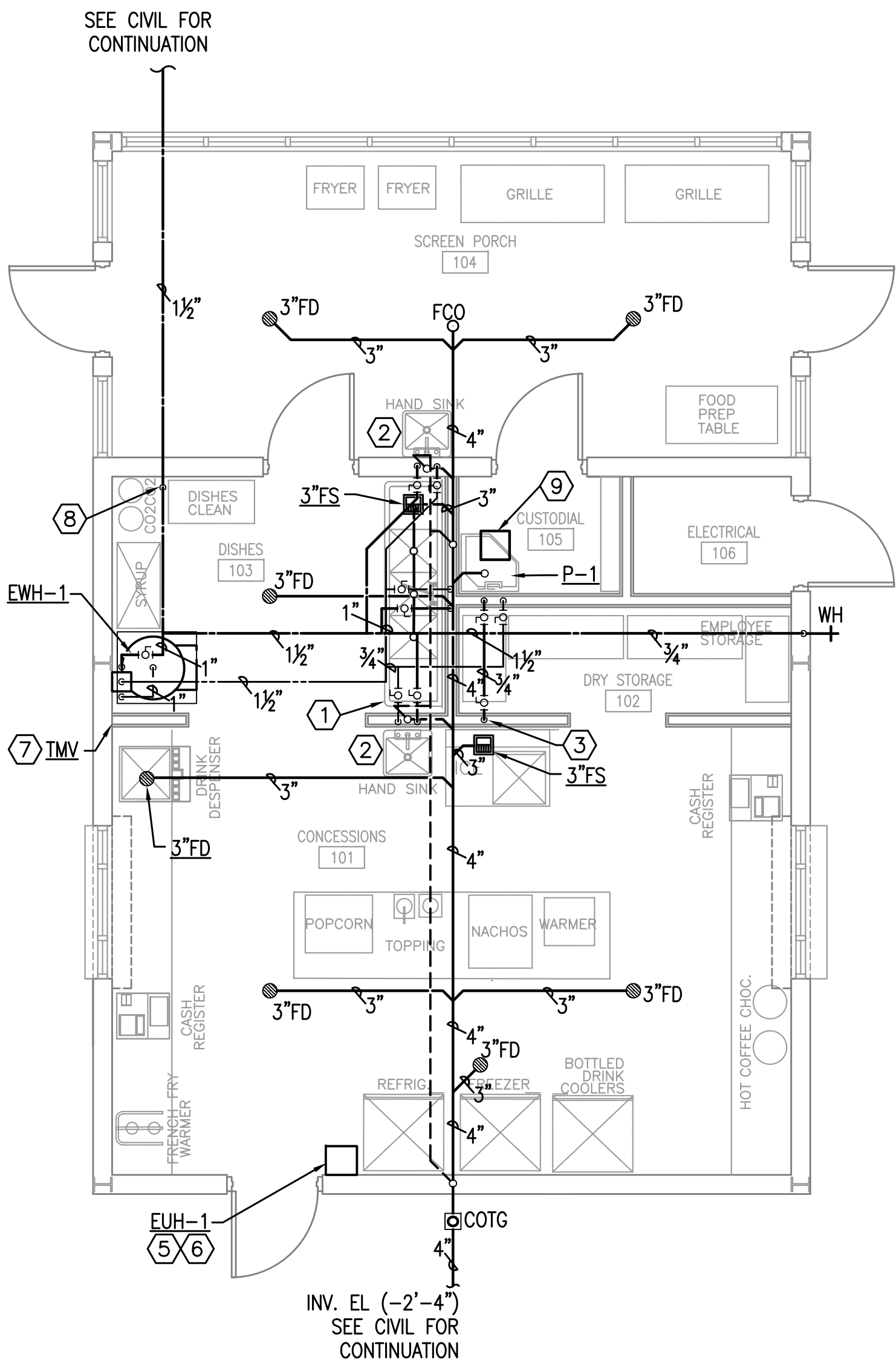
Project No.: 17062

Drawing Title:

PLUMBING
PLAN

Drawing No.:

P101



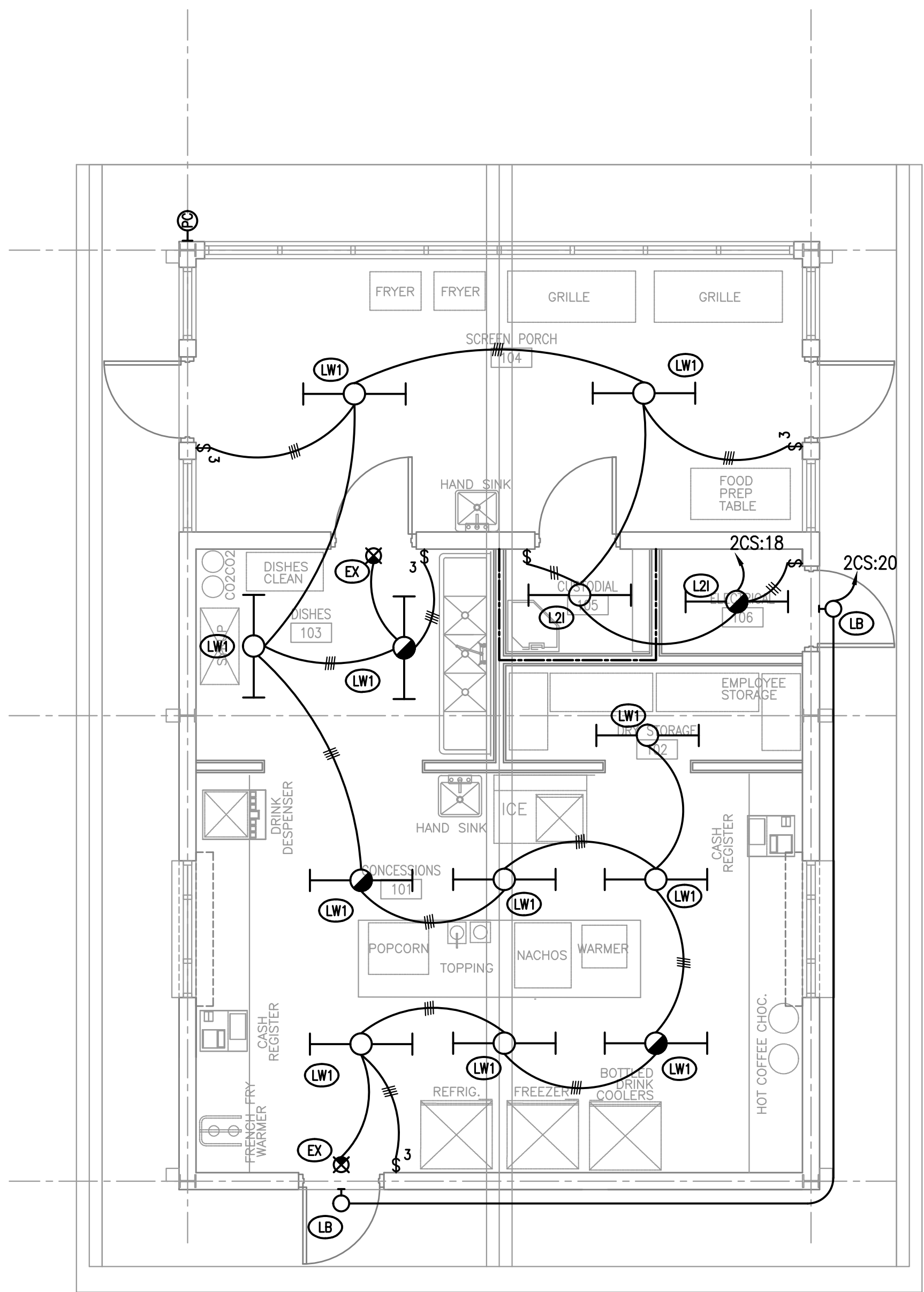
SHEET NOTES

1. ROUTE $\frac{3}{4}$ "CW, AND $\frac{3}{4}$ "HW TO THREE COMPARTMENT SINK (PROVIDED BY CONCESSION VENDOR) AND INSTALL PER MANUFACTURER INSTRUCTIONS. ROUTE WASTE TO FLOOR SINK.
2. ROUTE $\frac{1}{2}$ "CW, $\frac{1}{2}$ "HW, AND SANITARY TO SINK (PROVIDED BY CONCESSION VENDOR) AND INSTALL PER MANUFACTURER INSTRUCTIONS.
3. ROUTE $\frac{3}{8}$ "CW DN IN WALL TO ICE MAKER (PROVIDED BY CONCESSION VENDOR). EXPOSED WATER LINES FOR ICE MAKER SHALL BE BRAIDED STAINLESS STEEL. ROUTE WASTE TO FLOOR SINK.
4. PROVIDE FLIP TOP STYLE HEATED FIBERGLASS ENCLOSURE FOR BFP. PROVIDE WITH 90W HEAT TRACE CABLE 120V/1PH/60HZ. BASIS OF DESIGN IS HUBBELL HOT BOX. SEE DETAIL 1 ON SHEET P202.
5. COORDINATE LOCATION OF WALL MOUNTED EUH-1 WITH CONCESSION VENDOR TO VERIFY THERE IS NO INTERFERENCE WITH EQUIPMENT PROVIDED BY VENDOR.
6. INTERLOCK EUH-1 WITH CONCESSION EXHAUST FAN (PROVIDED BY OTHERS). DURING THE HEATING SEASON, EUH SHALL NOT RUN WHEN THE EXHAUST FAN IS RUNNING.
7. MOUNT THE TMV AS CLOSE AS POSSIBLE TO THE EWH WHILE COMPLYING WITH MANUFACTURER CLEARANCE REQUIREMENTS. MOUNT ABOVE WATER HEATER.
8. WATER SERVICE TO BUILDING. PROVIDE WITH BALL ISOLATION VALVE IN THE VERTICAL RISE INSIDE ROOM.
9. CABINET EXHAUST FAN. INTERLOCK WITH LIGHT SWITCH. ROUTE 8"x8" EXHAUST DUCT UP TO ROOF JACK. DUCTWORK SHALL BE SINGLE WALL GALVANIZED, SEAL CLASS A, 2" PRESSURE CLASS, INSULATED WITH 2" EXTERNAL WRAP INSULATION. FAN SHALL BE 100 CFM EXHAUST, 120V/1Ø/60 Hz, 1,100 RPM, 35W, DIRECT DRIVE. PROVIDE FAN WITH FAN SPEED CONTROL AND FACTORY MOUNTED DISCONNECT.

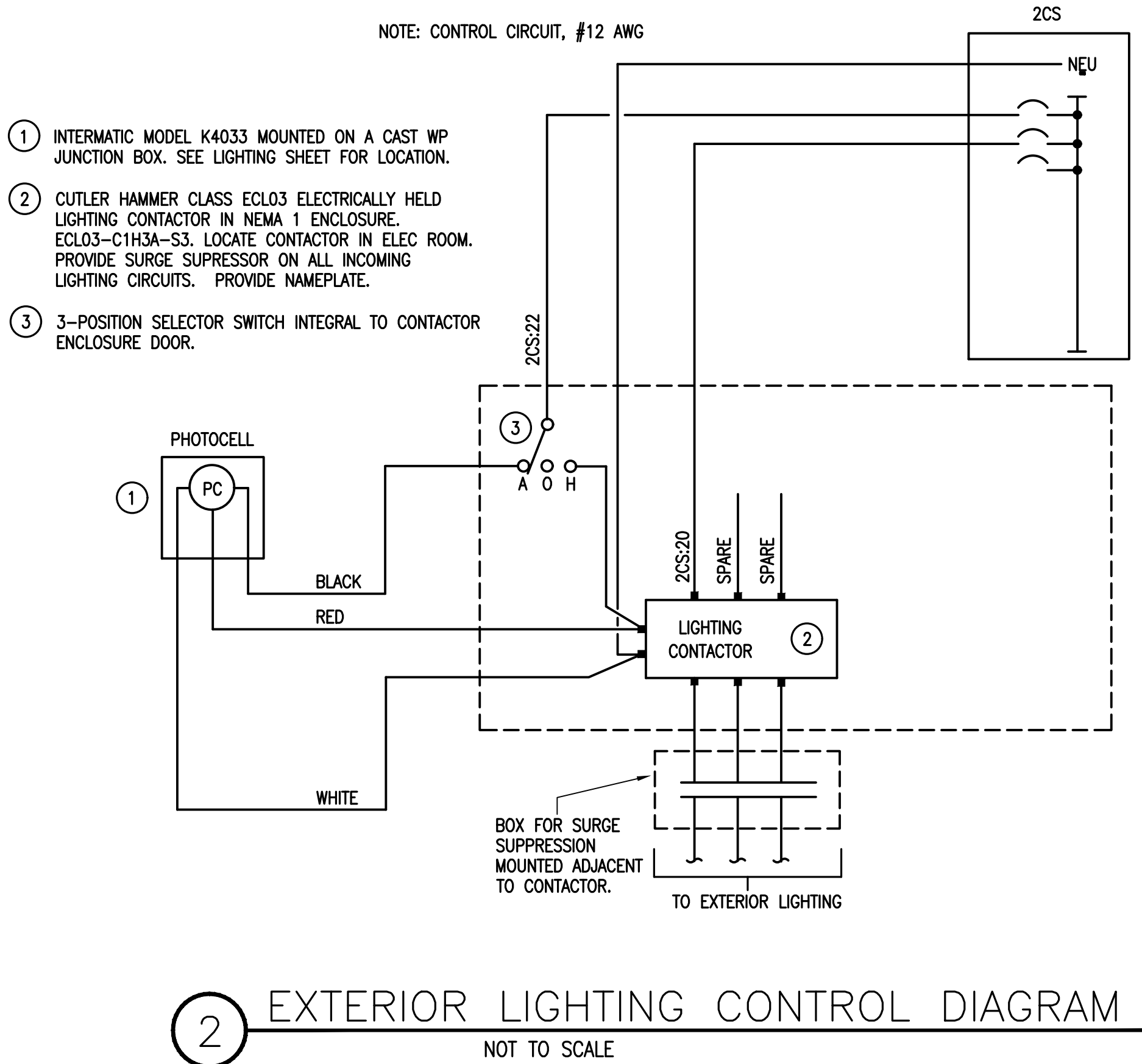
GENERAL NOTES

1. PROVIDE WATER HAMMER ARRESTERS ON HOT & COLD WATER SUPPLY BRANCHES SERVING SINGULAR, MULTIPLE OR GROUPS OF PLUMBING FIXTURES. ADHERENCE TO THE PLUMBING AND DRAINAGE INSTITUTE STANDARD P.D.I.-WH201 (PER SPECIFICATIONS) SHALL BE EMPLOYED IN DETERMINING PROPER SIZE, SELECTION, PLACEMENT, LOCATION AND INSTALLATION OF ARRESTERS.

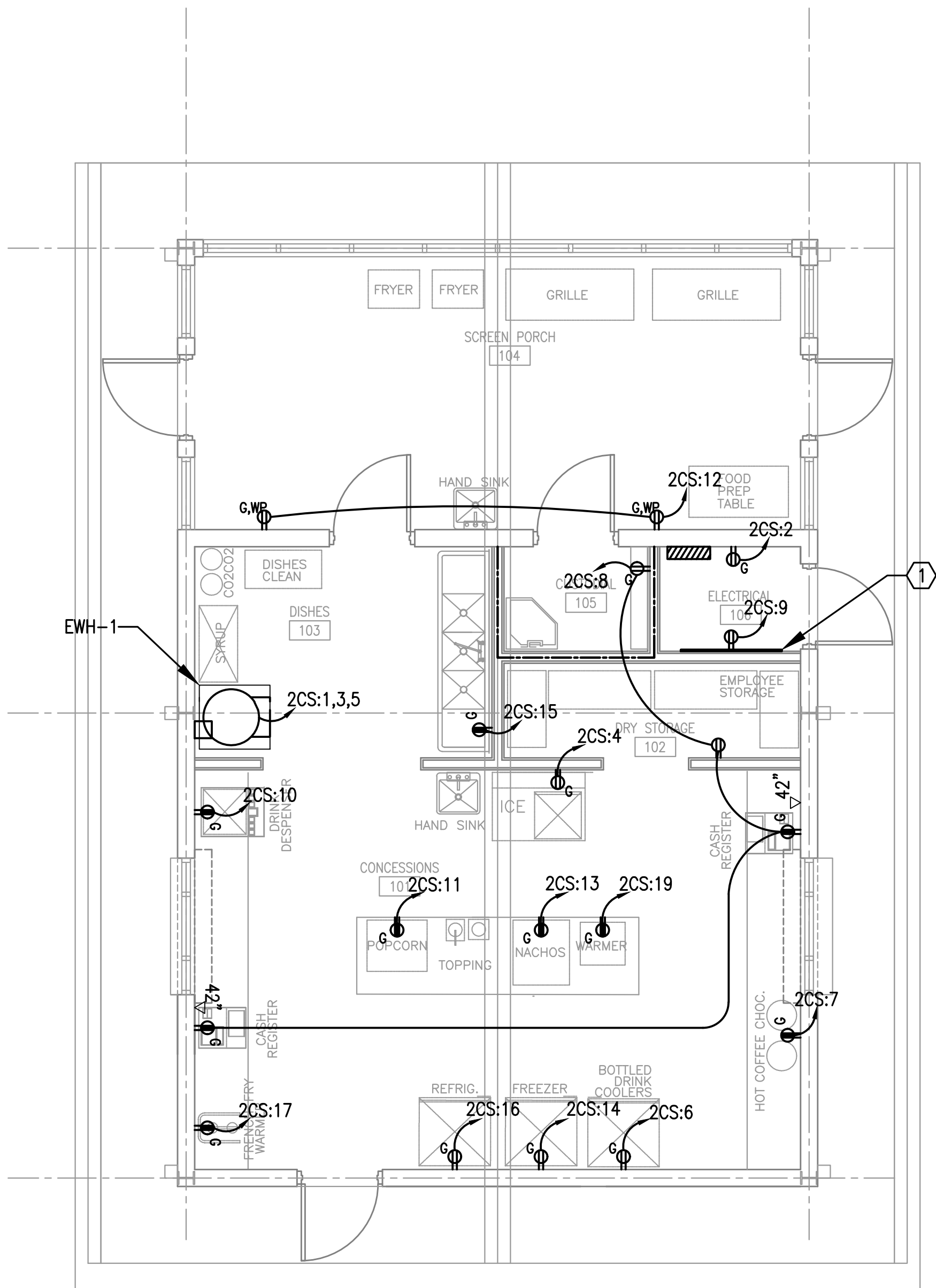
Navarre High School
North Concession Stand
8600 High School Blvd.
Navarre, FL 32566



1 ELECTRICAL LIGHTING PLAN
4' 0' 4' 8'
SCALE: 1/4"=1'-0"



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1 ELECTRICAL POWER PLAN
4' 0' 4' 8'
SCALE: 1/4"=1'-0"

SHEET NOTES

- 1 PLYWOOD BACKBOARD. ROUGH ALL ELECTRICAL OUTLETS IN BACKBOARD FOR FLUSH MOUNT INSTALLATION OF FACEPLATES. BACKBOARDS SHALL BE 3/4" THICK MARINE GRADE PLYWOOD. COUNTERSINK ALL SCREWS. PAINT WITH TWO COATS OF FIRE-RETARDANT PAINT, LIGHT GRAY IN COLOR. FINAL SURFACE SHALL BE UNIFORMLY SMOOTH AND EVEN. TOUCH UP AT END OF PROJECT. COORDINATE WORK WITH ELECTRICAL CONTRACTOR TO ENSURE THAT POWER RECEPTACLES ARE PROPERLY LOCATED AND WITH FACEPLATES FLUSH ON FACE OF BACKBOARD.