

ESCAMBIA COUNTY SCHOOL DISTRICT
BEULAH ELEMENTARY SCHOOL
NEW CAFETERIA AND ADMIN RENOVATIONS
6201 HELMS RD, PENSACOLA, FL 32526

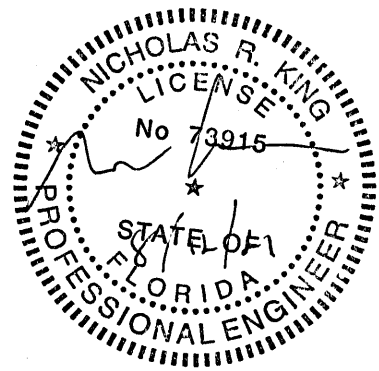
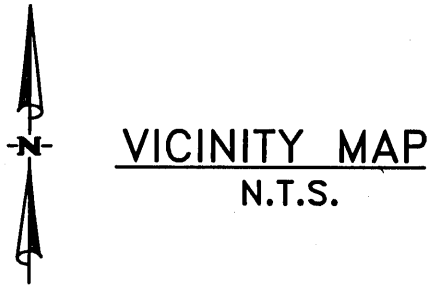
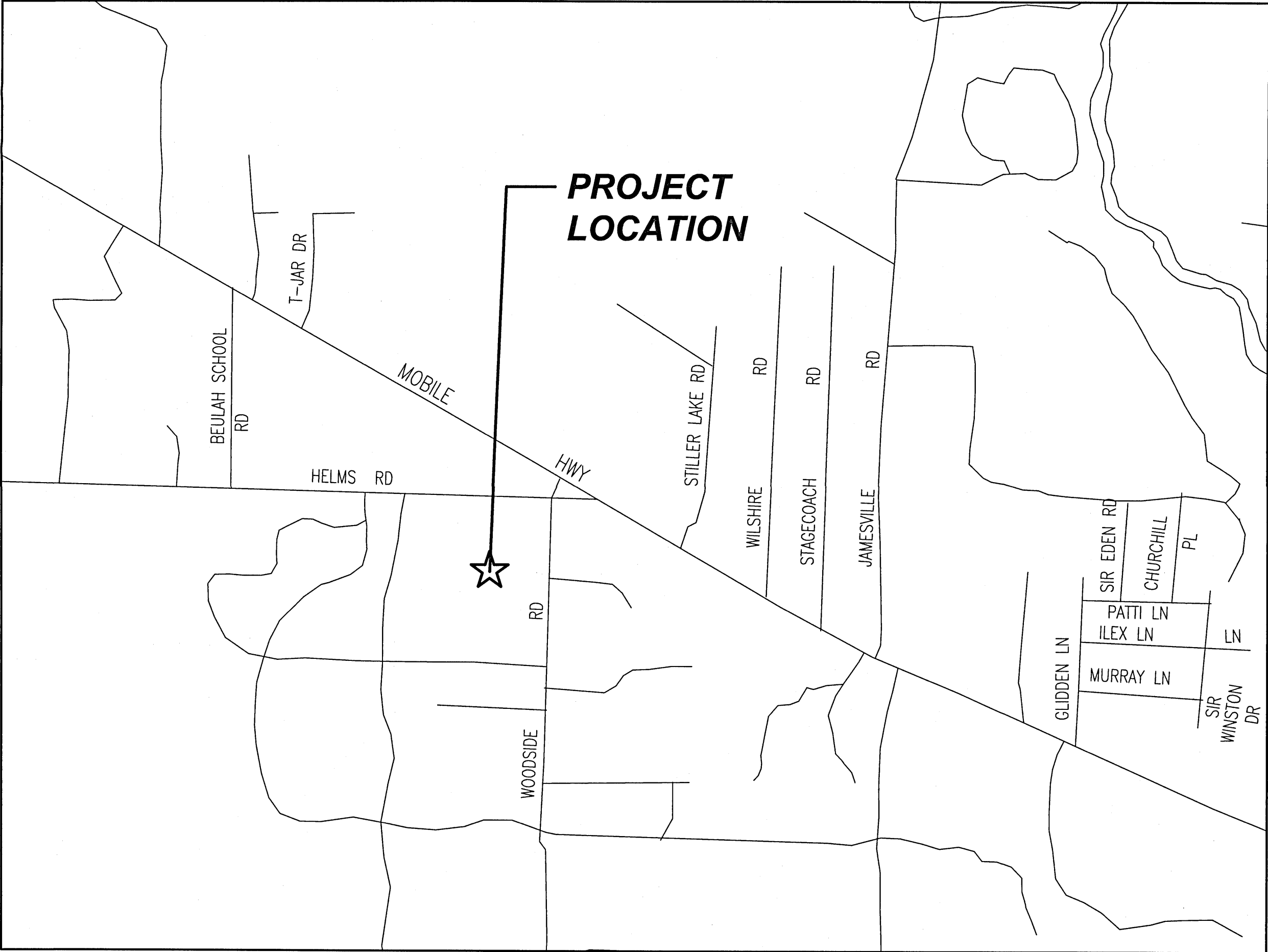
Approved ESCAMBIA COUNTY DRC PLAN REVIEW	
DRC Chairman Signature <i>Shannon Pugh</i>	8-18-21 Date
Printed Name: <u>Shannon Pugh</u> Development Services Director or Designee	
This document has been reviewed in accordance with the requirements of applicable Escambia County Regulations and Ordinances, and does not in any way relieve the submitting Architect, Engineer, Surveyor or other signatory from responsibility of details as drawn. A Development Order (DO) must be obtained through the Development Review Process prior to the commencement of construction. This DO approval does not constitute approval by any other agency. All additional state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of a building permit.	

Quina Grundhoefer Architects

400 West Romana Street Pensacola, FL 32502
850-435-5575 qg@qgarchitects.com

OWNER/DEVELOPER:
ESCAMBIA COUNTY SCHOOL BOARD
30 E. TEXAR DRIVE
PENSACOLA, FL 32501
PHONE: (850) 469-5345

ENGINEER:
KENNETH HORNE & ASSOCIATES, INC.
7201 N. 9th AVENUE, SUITE 6
PENSACOLA, FLORIDA 32504
PHONE: (850) 471-9005



Project
New Cafeteria and
Bldg. 1 Renovations
Beulah Elementary School
Escambia County School District
Pensacola, Florida

Date:
5-24-21
Project No.
0620

Sheet No.
C000

GENERAL NOTES:

- ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO ESCAMBIA COUNTY STANDARDS.
- CONTRACTOR SHALL NOTIFY THE OWNER FORTY-EIGHT HOURS PRIOR TO BEGINNING CONSTRUCTION.
- ALL LANDSCAPING SHALL COMPLY WITH ARTICLE 7 OF THE ESCAMBIA COUNTY LAND DEVELOPMENT CODE.
- ALL WORK WITHIN THE RIGHT-OF-WAYS SHALL CONFORM TO ESCAMBIA COUNTY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) AND F.D.O.T. STANDARD DETAILS AND SPECIFICATIONS (LATEST EDITION).
- CONTRACTOR SHALL FILE A "NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES." CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THIS PERMIT THROUGHOUT THE COURSE OF CONSTRUCTION.
- THE OWNER WILL BE RESPONSIBLE FOR SUBMITTING THE NOTICE OF COMMENCEMENT AND FOR MONITORING CONSTRUCTION. THE ENGINEER OF RECORD WILL BE RESPONSIBLE FOR SUBMITTING THE AS-BUILT CERTIFICATION.
- THE GENERAL CONTRACTOR IS TO MAINTAIN (CUT AND WATER) THE VEGETATION INSIDE THE CONSTRUCTION FENCE DURING ENTIRE CONSTRUCTION.
- TEMPORARY SECURITY FENCE AND ALL REMNANTS THEREOF SHALL BE REMOVED WHEN PROJECT IS COMPLETE.
- ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER OF RECORD WILL ASSIST CONTRACTOR WITH ANY REQUIRED PERMITS. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BE BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AGENCIES.
- ROLL GRADE BEFORE AND ROLL SOD AFTER PLACEMENT TO ENSURE SMOOTH FINAL GRADE. NO RUTTING WILL BE ACCEPTABLE AT PROJECT CLOSE-OUT.
- CONTRACTOR SHALL VIEW SITE SPECIFIC GEOTECHNICAL REPORT PRIOR TO BIDDING FOR ADDITIONAL REQUIREMENTS / INFORMATION ON SITE PREPARATION, FILL, EARTHWORK QUALITY CONTROL, BUILDING FOUNDATION, AND STORMWATER POND.
- CONTRACTOR SHALL HAUL AWAY ALL EXCESS MATERIAL AND DEBRIS AND DISPOSE OF OFFSITE IN A LEGAL MANNER.
- FOR STAGING, EQUIPMENT STORAGE, EMPLOYEE PARKING, AND SITE ACCESS, COORDINATE WITH OWNER.
- PROPERTY OBSTRUCTIONS WHICH ARE TO REMAIN IN PLACE, SUCH AS BUILDINGS, SEWER, DRAINS, WATER OR GAS PIPES, ELECTRICAL, CONDUITS, POLES, WALLS, POST, ETC., ARE TO BE CAREFULLY PROTECTED AND ARE NOT TO BE DISPLACED UNLESS NOTED.
- NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.
- ALL AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITY SHALL BE SODDED. ALL PLASTIC BACKING SHALL BE REMOVED FROM SOD PRIOR TO INSTALLATION.
- THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT 850-595-3472. AS BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.
- ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILT" SIGN-OFF FROM THE COUNTY.
- CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL IN ACCORDANCE WITH FDOT STANDARD INDEX 600 (LATEST EDITION), FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) AND IN ACCORDANCE WITH ALL PERMIT REQUIREMENTS.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING IN ORDER TO FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS AND THE EXTENT OF CLEARING AND GRUBBING REQUIRED.
- ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHT-OF-WAY.
- ALL DEBRIS RESULTING FROM PROPOSED DEMOLITION WILL BE DISPOSED OF IN A LEGAL MANNER AND WILL CONFORM TO ANY AND ALL STATE AND LOCAL REGULATIONS AND/OR ORDINANCES WHICH GOVERN SUCH ACTIVITIES.
- NO DEMOLITION DEBRIS WILL BE STOCKPILED OR GATHERED ON THE PROJECT SITE WITHOUT PRIOR AUTHORIZATION OF THE OWNER.
- ALL PAVEMENT MARKINGS AND STRIPING SHALL BE THERMOPLASTIC AND INSTALLED ACCORDING TO FDOT STANDARD INDEX, LATEST EDITION.
- ALL SIGNS SHALL BE INSTALLED PER FDOT STANDARD INDEX 11865, LATEST EDITION, WIND ZONE NO. 1.
- OWNER/CONTRACTOR SHALL OBTAIN A SIGN PERMIT THROUGH ESCAMBIA COUNTY PRIOR TO ERECTING OR CONSTRUCTING ANY SITE BUILDING SIGNS. ADDITIONAL RESTRICTIONS MAY APPLY.

STORMWATER NOTES:

- THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY "AS BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE "AS BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
- ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.
- ALL NEW STORMWATER RUNOFF IS TO BE DIRECTED TO THE NEW STORMWATER COLLECTION SYSTEM.
- RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.
- TRENCHING AND GRADING AROUND TREES WHICH ARE TO REMAIN SHALL BE AWAY FROM THE TREE IN A MANNER TO CAUSE NO DAMAGE TO THE TREE.
- DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT AND STABILIZE RETENTION/DETENTION PONDS AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION.
- CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPOGRAPHY OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.
- A COPY OF THE NWFWD ERP PERMIT WILL BE KEPT ON SITE AT ALL TIMES.
- THE CONTRACTOR IS REQUIRED TO REVIEW THE COMPLETE NWFWD PERMIT PRIOR TO CONSTRUCTION COMMENCEMENT.
- THE ENGINEER OF RECORD, NICHOLAS R. KING, SHALL BE RESPONSIBLE FOR MONITORING CONSTRUCTION, ENSURING THAT THE NOTICE OF COMMENCEMENT IS FILED WITH THE NWFWD AND THAT THE AS-BUILT CERTIFICATION IS PROVIDED WHEN THE PROJECT IS COMPLETED.
- ALL NEW BUILDING ROOF DRAINS, DOWNSPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS.

UTILITY COMPANIES:

UTILITY INFORMATION SHOWN AS PER FIELD INFORMATION AND INFORMATION FURNISHED BY UTILITY COMPANIES INVOLVED.
TELEPHONE – AT & T, INC., 605 WEST GARDEN STREET, PENSACOLA, FLORIDA 32501; (850) 436-1616
ELECTRIC – GULF POWER COMPANY, 9220 PINE FOREST ROAD, PENSACOLA, FLORIDA 32534; (850) 484-5770
SANITARY SEWER/WATER – EMERALD COAST UTILITY AUTHORITY, ELLYSON INDUSTRIAL PARK, PENSACOLA, FLORIDA; (850) 476-5110
NATURAL GAS – PENSACOLA ENERGY, 16 SOUTH PALAFOX STREET, PENSACOLA, FLORIDA; (850) 474-5322

UTILITY NOTES:

- CONTRACTOR SHALL LOCATE, SUPPORT & PROTECT EXISTING UTILITIES TO REMAIN, AS REQUIRED. ALL KNOWN UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION ONLY. CONTRACTOR SHALL UTILIZE GROUND PENETRATING RADAR OR EQUIVALENT TO LOCATE ALL EXISTING UTILITIES WITHIN ALL AREAS OF CONSTRUCTION. CONTRACTOR SHALL CONFIRM HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES TO BE RELOCATED AND/OR IN DIRECT CONFLICT WITH CONSTRUCTION ACTIVITIES. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES WITH VARIOUS UTILITY COMPANIES PRIOR TO CONSTRUCTION.
- IF EXISTING UTILITY LINES ABOVE OR BELOW GROUND ARE DISTURBED DUE TO CONSTRUCTION ACTIVITY THEY WILL BE RELOCATED AS PER UTILITY OWNER AND OWNER REQUIREMENTS.
- NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN RIGHT-OF-WAY; 1-800-432-4770.
- LOCATION OF EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATE ONLY AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION AND DEPTHS BEFORE BEGINNING CONSTRUCTION. FAILURE OF THE PLANS TO SHOW THE EXISTENCE OF ANY UNDERGROUND UTILITIES, STRUCTURES, ETC., SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF PRESERVING AND PROTECTING SAID UTILITIES OR STRUCTURES.

SITE DATA:

PROPERTY REFERENCE NOS: 21-1S-31-2100-000-000
PROPERTY ADDRESS: 6201 HELMS RD 32526
ZONING: MDR
FLU: MU-S
PROPOSED USE: EDUCATIONAL
PROPERTY AREA: 17.94 ACRES
DRAINAGE BASIN AREA: 4.65 ACRES
PROPOSED IMPERVIOUS: 1.33 ACRES
PROPOSED PERVIOUS: 3.32 ACRES
THE NEW IMPERVIOUS COVER WILL NOT EXCEED 70% MAXIMUM, SEMI-IMPERVIOUS AND IMPERVIOUS COVER
FLOOD ZONE "X" – AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE OF FLOODING

THE PARCEL SHOWN FOR DEVELOPMENT IS LOCATED IN THE FOLLOWING FLOOD ZONE(S) AS DETAILED BY FEMA FIRM (FLOOD INSURANCE RATE MAP) INFORMATION DESCRIBED BELOW:					
FLOOD ZONE(S)	COMMUNITY NUMBER	MAP NUMBER	PANEL NUMBERS	SUFFIX	MAP REVISION DATE
X	120080	12033C	0290	G	SEPTEMBER 29, 2006

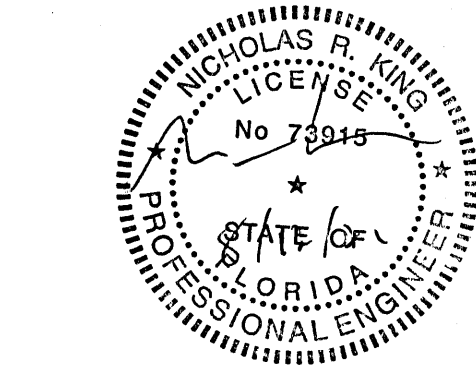
THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE "X", (MINIMAL RISK AREAS OUTSIDE THE 1% AND 2% ANNUAL CHANCE FLOODPLAINS. NO BFEs OR BASE FLOOD DEPTHS ARE SHOWN WITHIN THESE ZONES), AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBERS 12033C0290G, MAP REVISION DATED SEPTEMBER 29, 2006.

EXIST LEGEND:

BM BENCHMARK
ELEV ELEVATION
FFE FINISHED FLOOR ELEVATION
CP CONCRETE PIPE
CPP CORRUGATED PLASTIC PIPE
PVC POLY VINYL CHLORIDE
1/2" CAPPED IRON ROD SET #7073
NAIL AND DISK SET #7073
AIR CONDITIONING UNIT
CABLE EQUIPMENT
ELECTRIC EQUIPMENT
FIRE HYDRANT
FLAG POLE
GAS METER
GAS VALVE
LIGHT POLE
PILING
POLE
POST
ROAD SIGN
SANITARY MANHOLE
SATELLITE DISH
SEWER CLEANOUT
SPOT ELEVATION
STORM INLET
STORM MANHOLE
TELEPHONE EQUIPMENT
WATER METER
WATER VALVE
CABLE LINE
CONTOUR LINE
ELECTRIC LINE
FENCE – CHAIN LINK
FENCE – WOOD
GAS LINE
SANITARY SEWER LINE
STORM SEWER LINE
TELEPHONE LINE
WATER LINE

NEW LEGEND:

TP TOP OF PAVING
TC TOP OF CONCRETE
FG FINISH GRADE
ME MATCH EXISTING
TE TOP ELEVATION
IE INVERT ELEVATION
BUILDING
ASPHALT PAVING
CONCRETE
ITEM TO BE REMOVED
FINISH CONTOUR
SANITARY SEWER
STORM LINE
WATER LINE
WATER VALVE
STORM INLET
STORM JUNCTION BOX
SIGN
EROSION CONTROL
CONSTRUCTION FENCE
TREE TO BE REMOVED

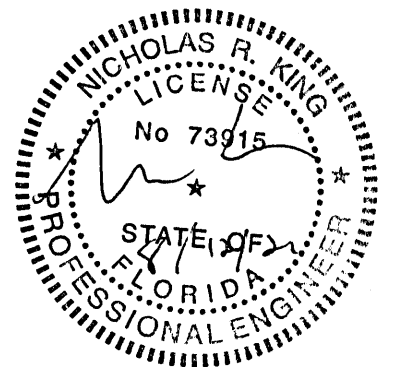
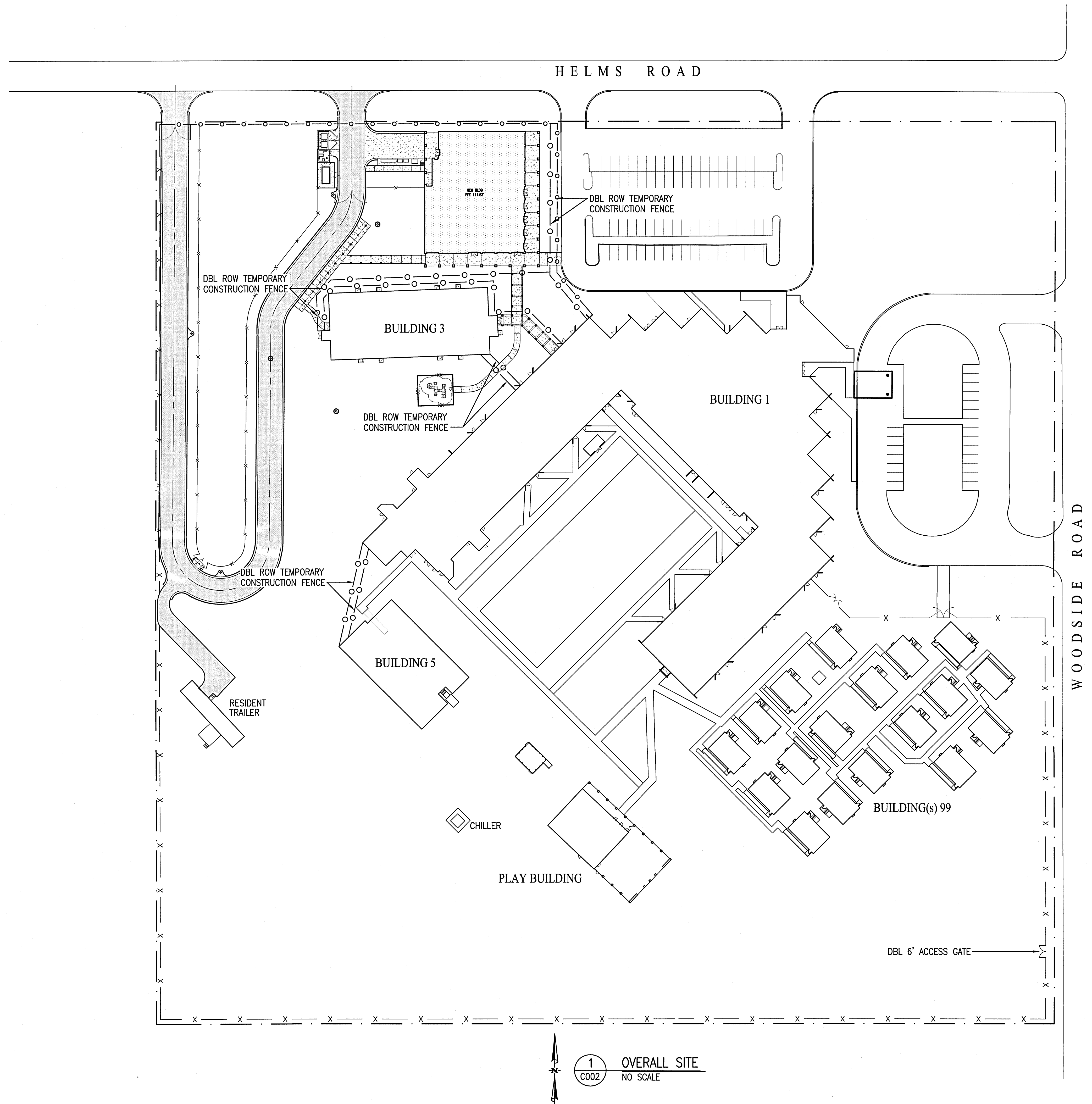


6/18/2021 COUNTY COMMENTS

Project
New Cafeteria and
Bldg. 1 Renovations
Beulah Elementary School
Escambia County School District
Pensacola, Florida

Date:
5-24-21
Project No.
0620

Sheet No.
C001

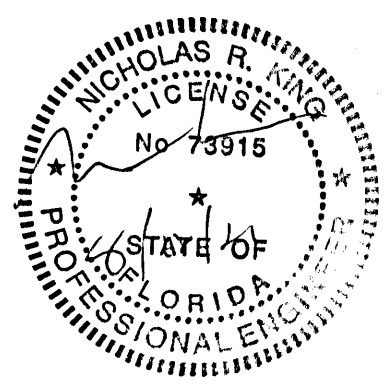


Project
**New Cafeteria and
Bldg. 1 Renovations**
Beulah Elementary School
Escambia County School District
Pensacola, Florida

Date:
5-24-21
Project No.
0620

Sheet No.

C002



Date: 5-24-21
Project No. 0620

Sheet No. _____

C101

STREET ADDRESS: 6201 HELMS RD 32526

ELEVATION = 109.75'

ELEVATION = 110.23'

ELEVATION = 110.02'

ELEVATION = 111.07'

'40C - A MAG NAIL IN

ELEVATION = 108.75

THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
THIS SURVEY IS SUBJECT TO ANY FACTS THAT MAY BE
OBTAINED BY A FULL AND ACCURATE TITLE SEARCH.

SUB-SURFACE IMPROVEMENTS, IF ANY, NOT LOCATED.

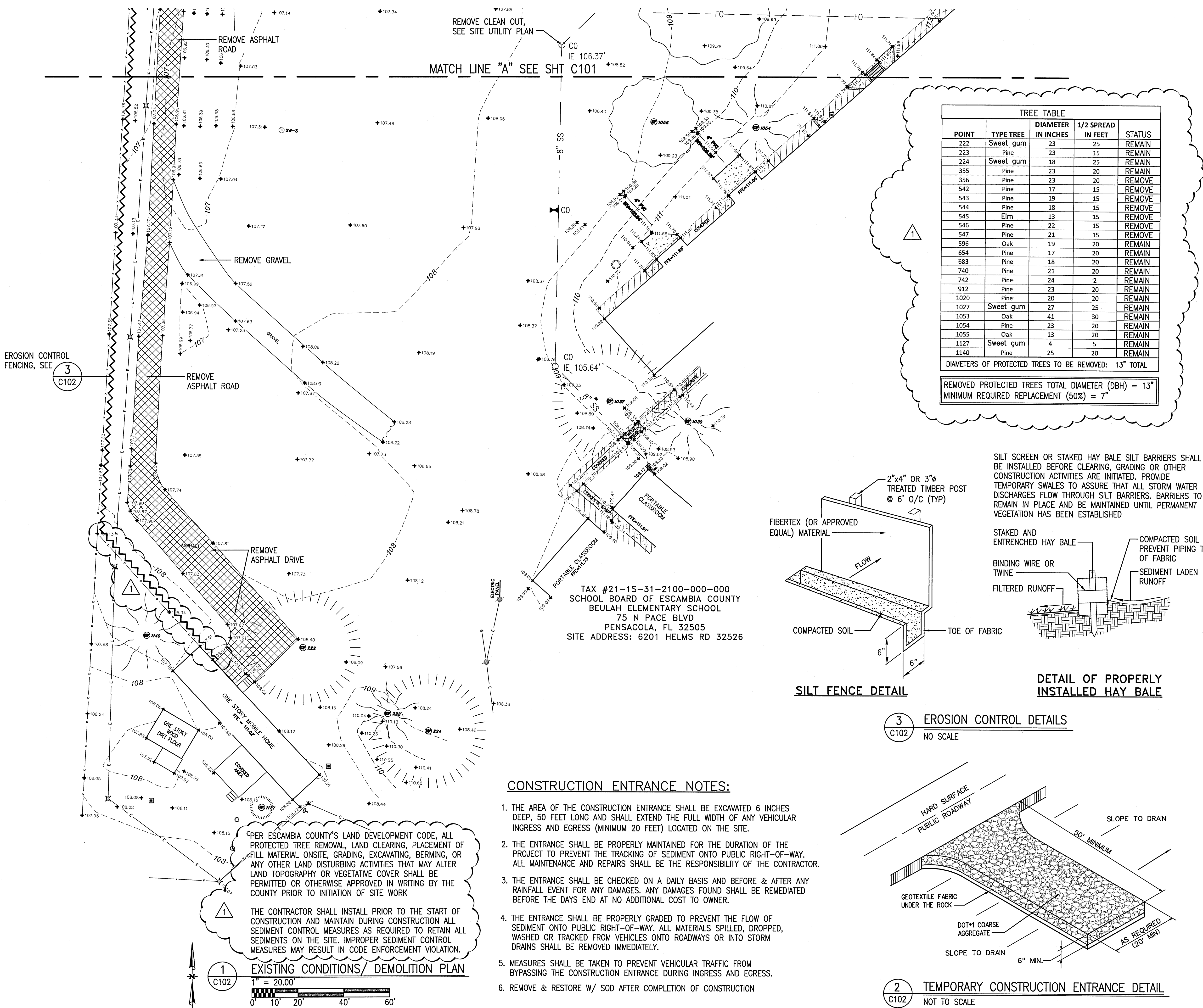
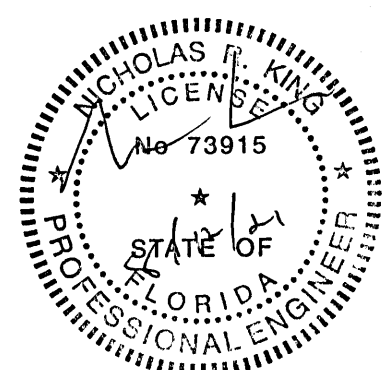
COORDINATES SHOWN ARE STATE PLANE COORDINATES
 ENCED TO N.A.D. 83 DATUM, 2011 ADJUSTMENT, FLORIDA NORTH
 AND EXPRESSED IN U.S. SURVEY FEET.

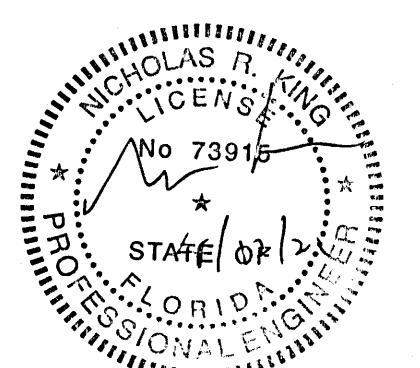
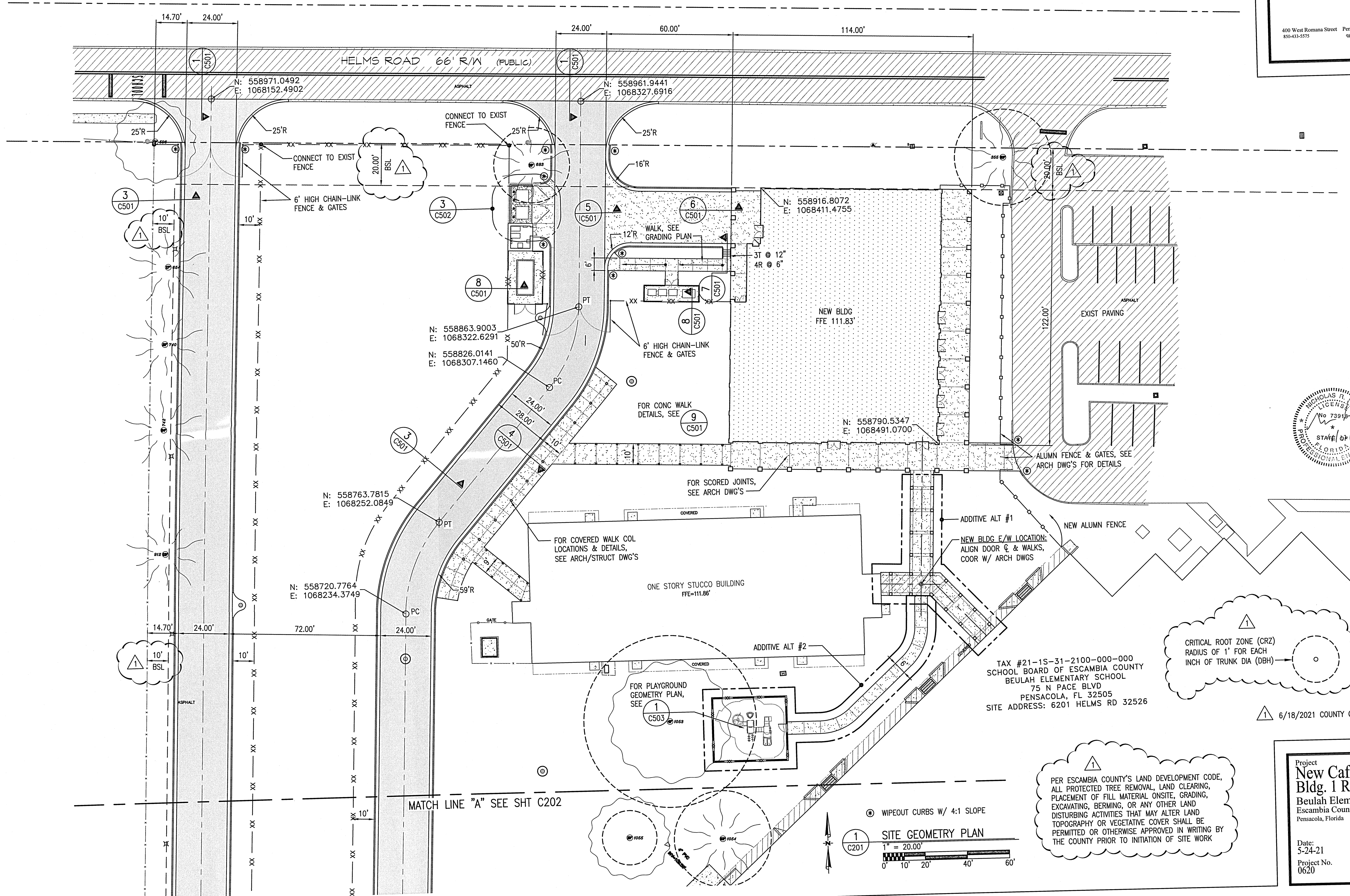
ENCE STATION (CORS) NETWORK.

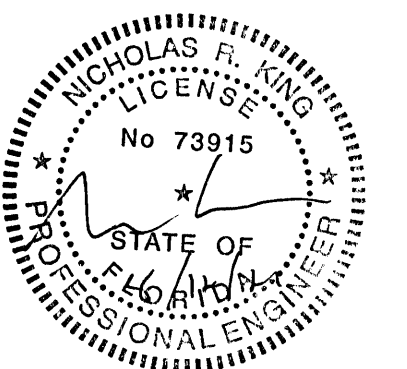
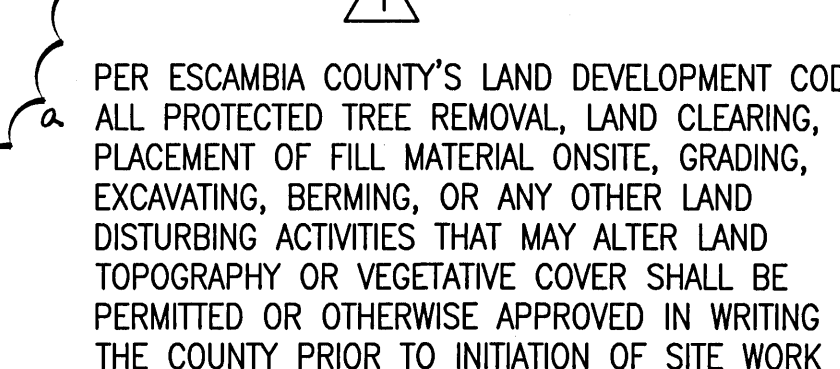
Sheet No. _____

Sheet No.

100

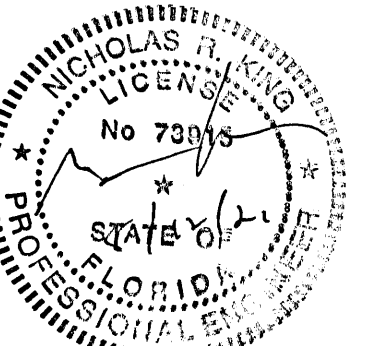
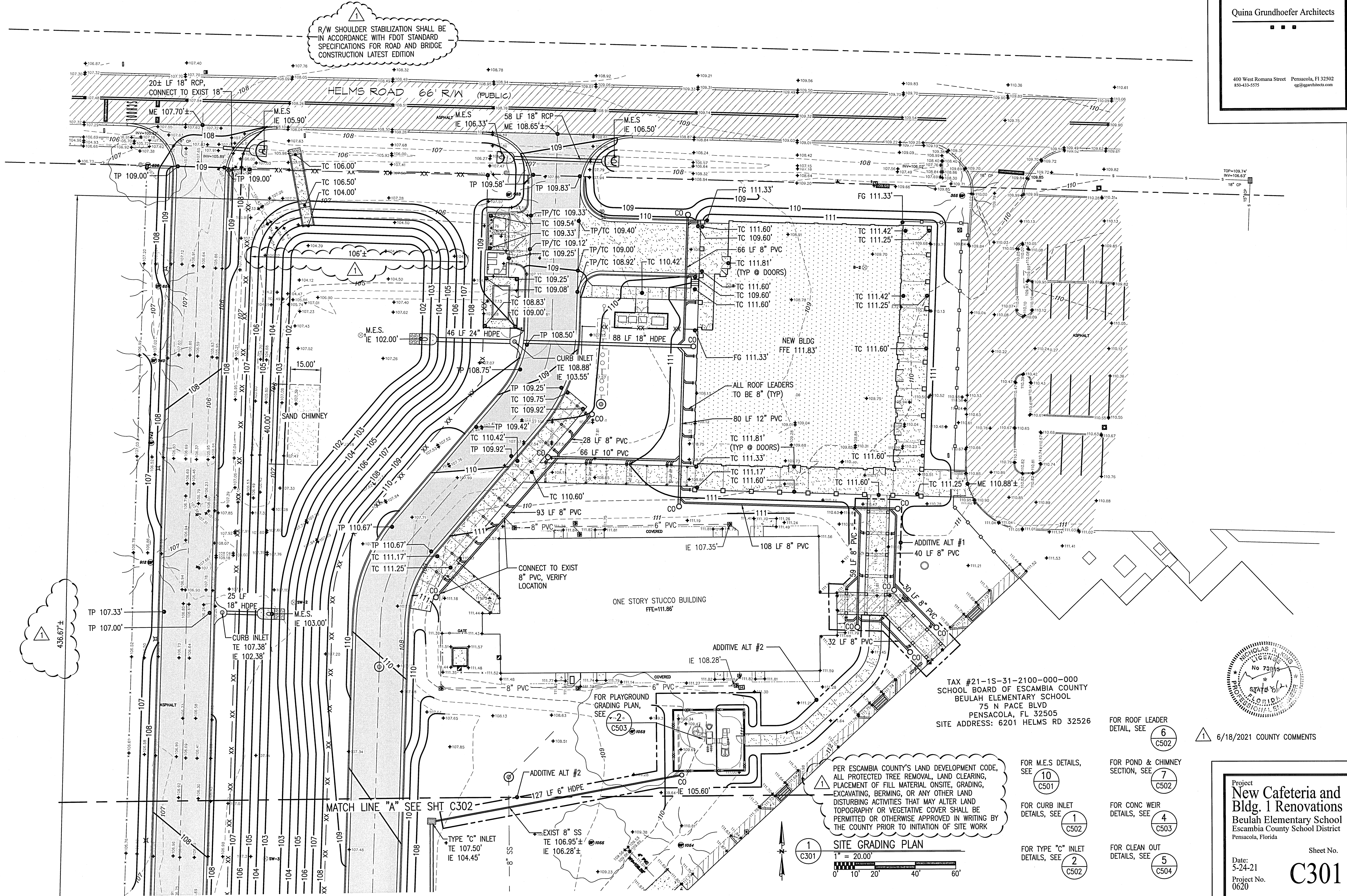






Project
**New Cafeteria and
Bldg. 1 Renovations**
Beulah Elementary School
Escambia County School District
Pensacola, Florida

Sheet No.
C202



6/18/2021 COUNTY COMMENTS

TAX #21-1S-31-2100-000-000
SCHOOL BOARD OF ESCAMBIA COUNTY
BEULAH ELEMENTARY SCHOOL
75 N PACE BLVD
PENSACOLA, FL 32505
SITE ADDRESS: 6201 HELMS RD 32526

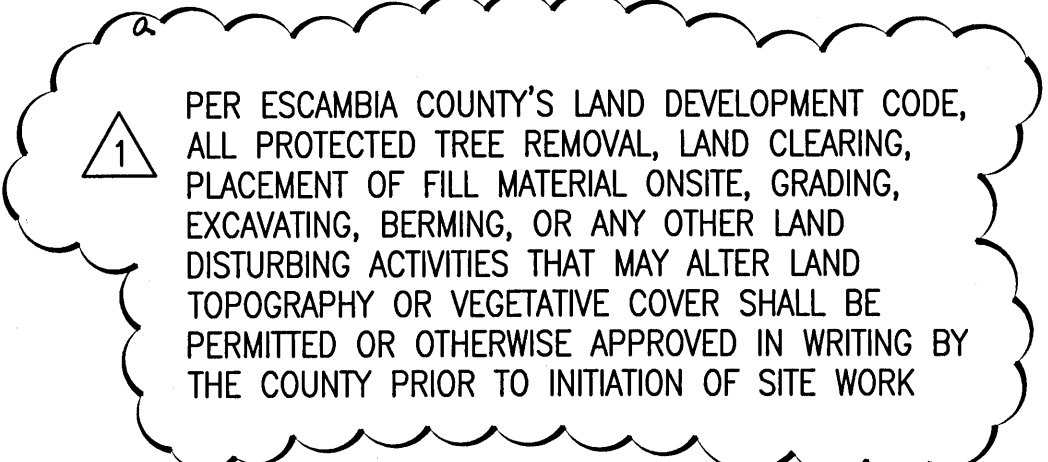
PER ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE, ALL PROTECTED TREE REMOVAL, LAND CLEARING, EXCAVATING, BERMING, OR ANY OTHER LAND DISTURBING ACTIVITIES THAT MAY ALTER LAND TOPOGRAPHY OR VEGETATIVE COVER SHALL BE PERMITTED OR OTHERWISE APPROVED IN WRITING BY THE COUNTY PRIOR TO INITIATION OF SITE WORK


SITE GRADING PLAN
1" = 20.00'
0' 10' 20' 40' 60'


- FOR ROOF LEADER DETAIL, SEE **6** C502
- FOR M.E.S DETAILS, SEE **10** C501
- FOR CURB INLET DETAILS, SEE **1** C502
- FOR TYPE "C" INLET DETAILS, SEE **2** C502
- FOR POND & CHIMNEY SECTION, SEE **7** C502
- FOR CONC WEIR DETAILS, SEE **4** C503
- FOR CLEAN OUT DETAILS, SEE **5** C504


Project
New Cafeteria and Bldg. 1 Renovations
Beulah Elementary School
Escambia County School District
Pensacola, Florida


Date: 5-24-21
Project No. 0620
Sheet No.
C301

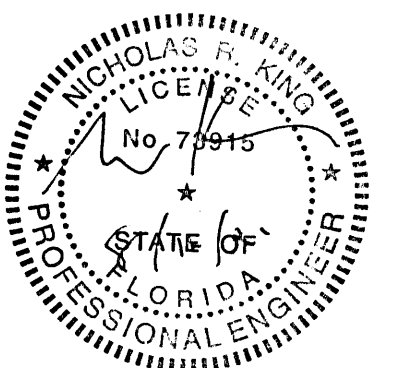


FOR M.E.S. DETAILS,
SEE 

FOR CURB INLET
DETAILS, SEE 

FOR TYPE "C" INLET
DETAILS, SEE 

FOR CLEAN OUT
DETAILS, SEE 



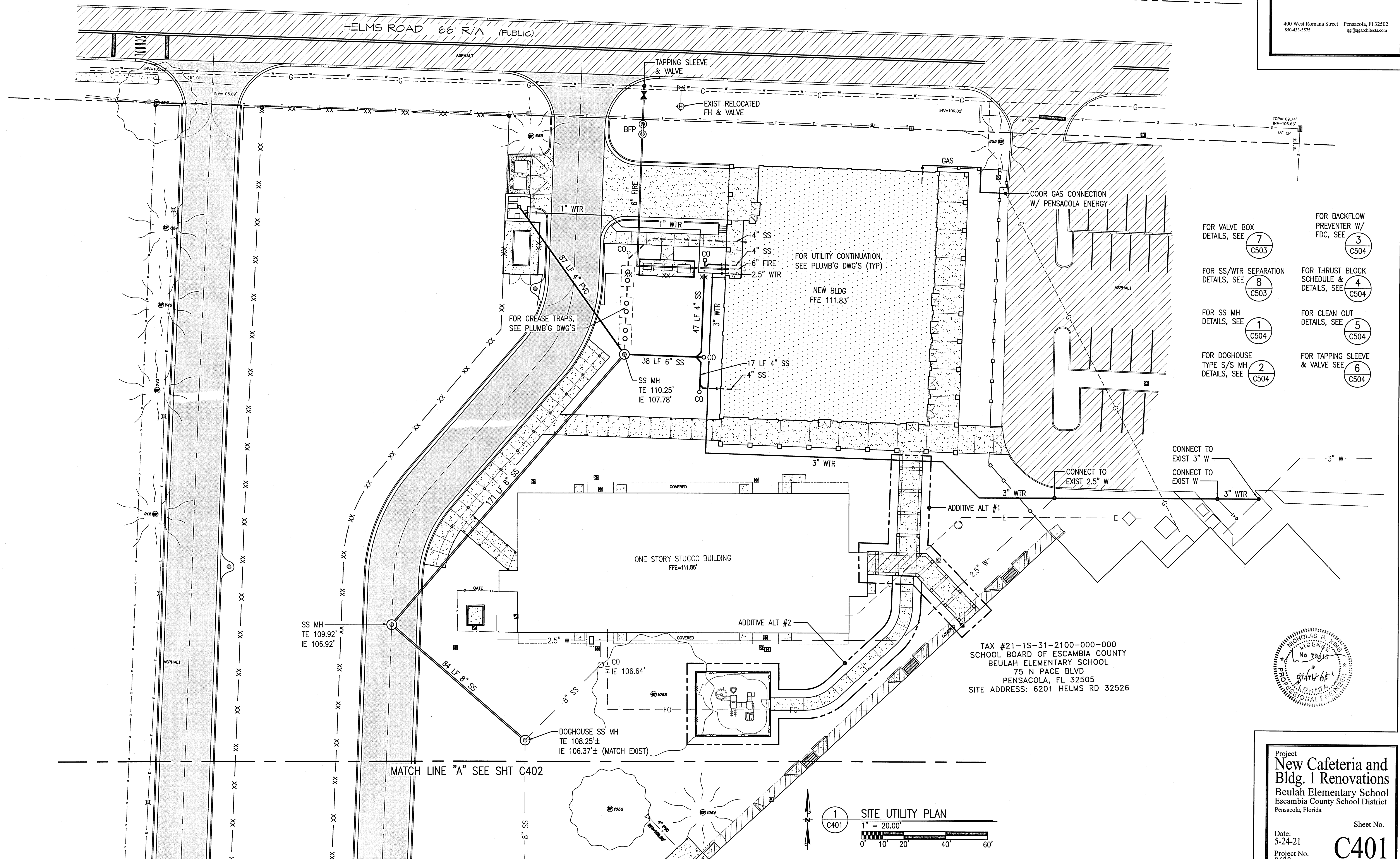
6/18/2021 COUNTY COMMENTS

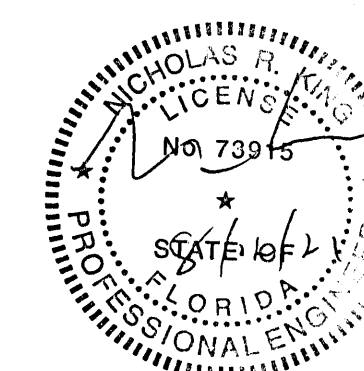
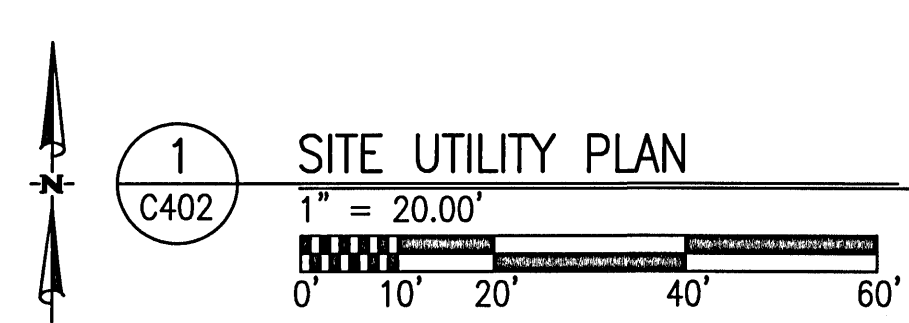
Project
**New Cafeteria and
Bldg. 1 Renovations**
Beulah Elementary School
Escambia County School District
Pensacola, Florida

Sheet No.

Date:
5-24-21
Project No.
0620

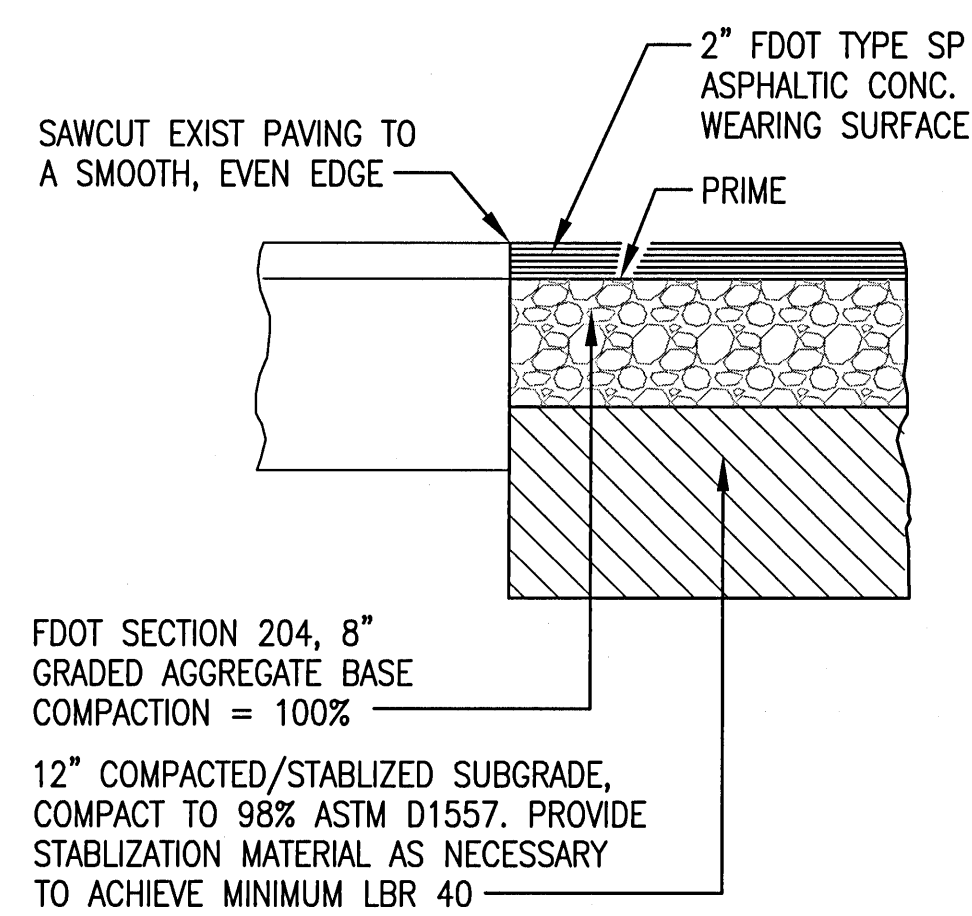
C302



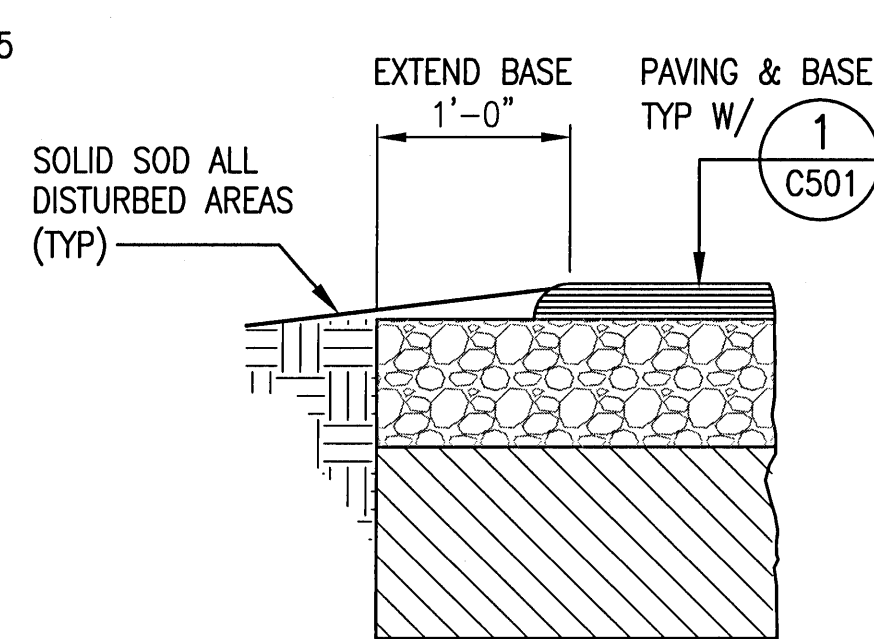


Date:
5-24-21
Project No.
0620

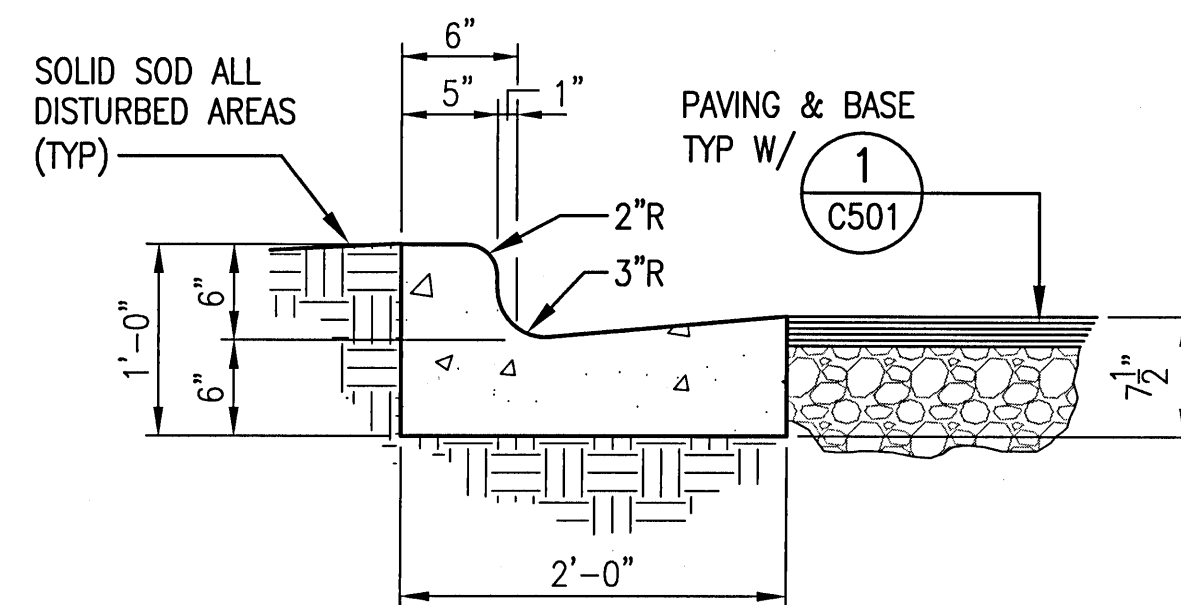
C402



1 PAVING SECTION
C501 NO SCALE

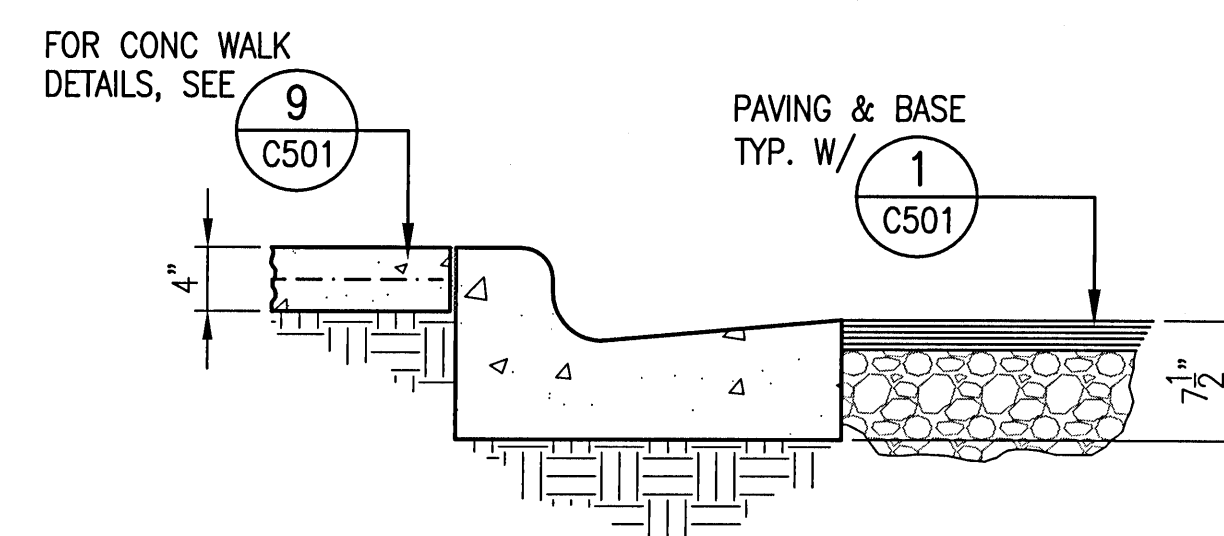


2 PAVING SECTION
C501 NO SCALE

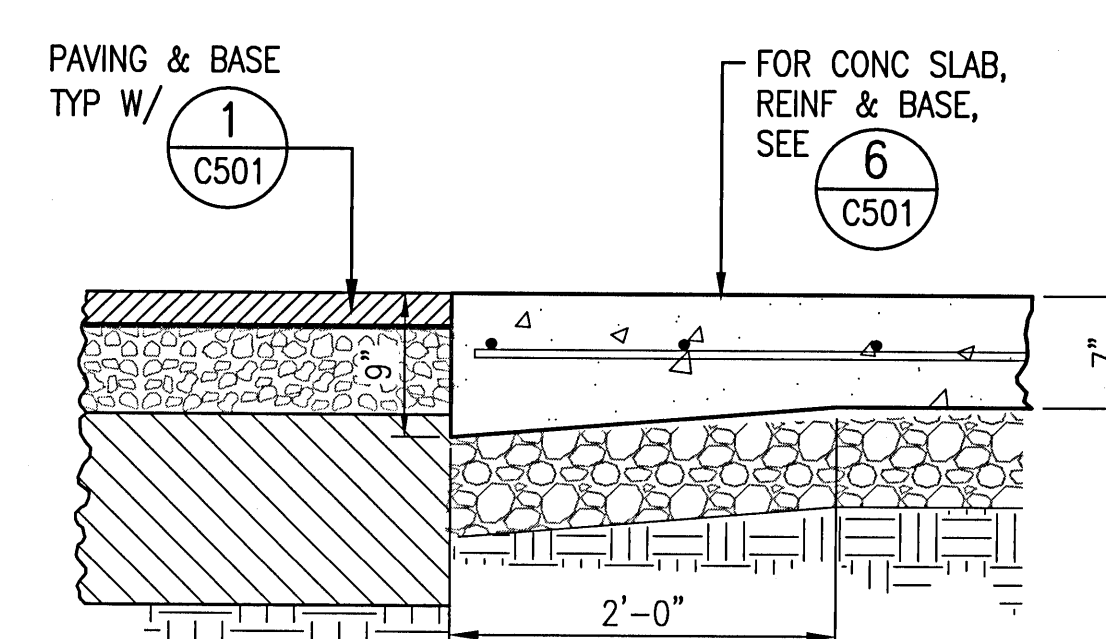


3 FDOT TYPE "F" CURB & GUTTER
C501 NO SCALE

NOTE: WHEN USED ON THE HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF GUTTER SHALL MATCH THE CROSS OF ADJACENT PAVEMENT AND THE THICKNESS OF LIP SHALL BE 6", UNLESS SHOWN OTHERWISE ON THE PLANS

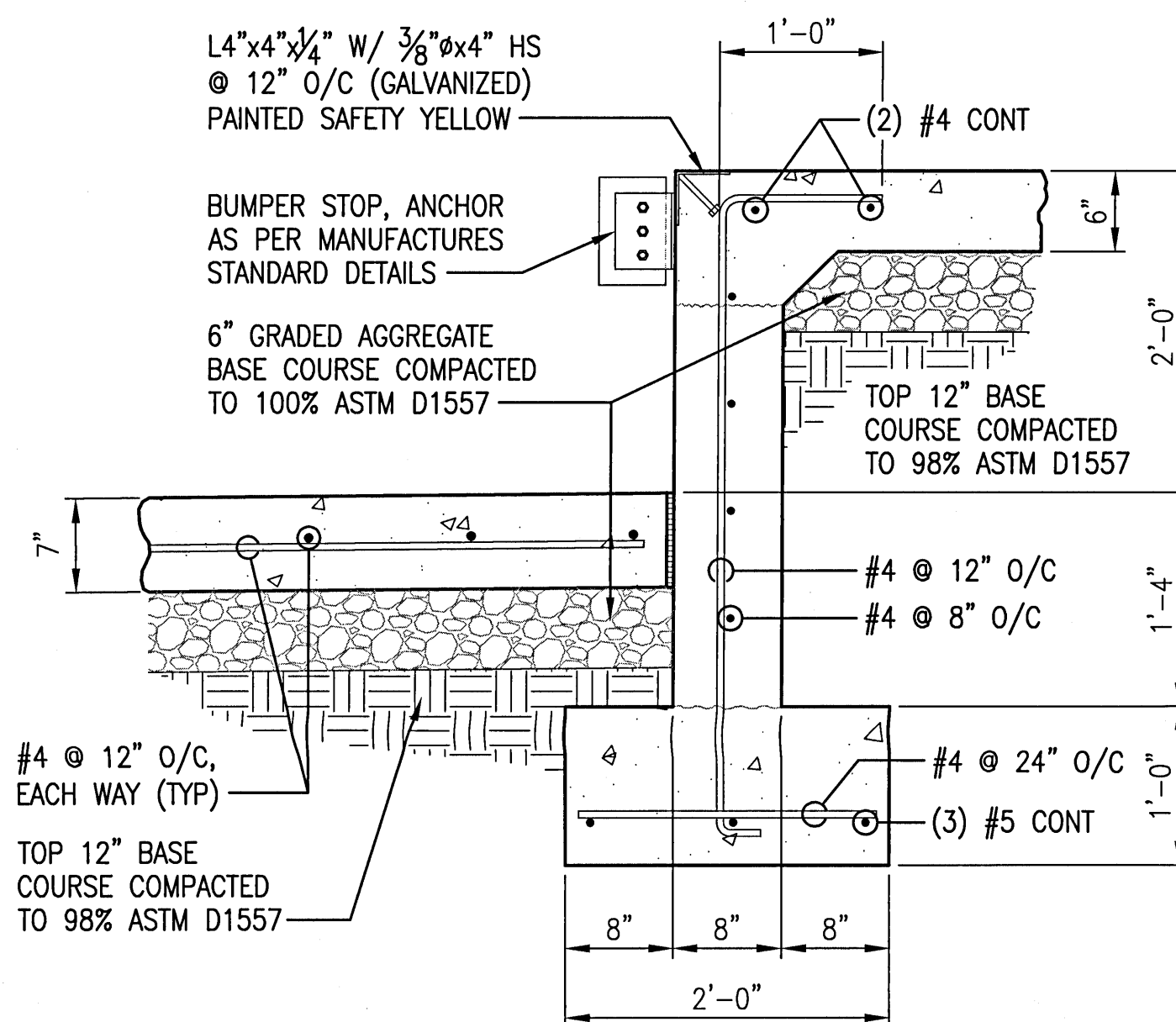


4 CURB & GUTTER @ CONC WALK
C501 NO SCALE

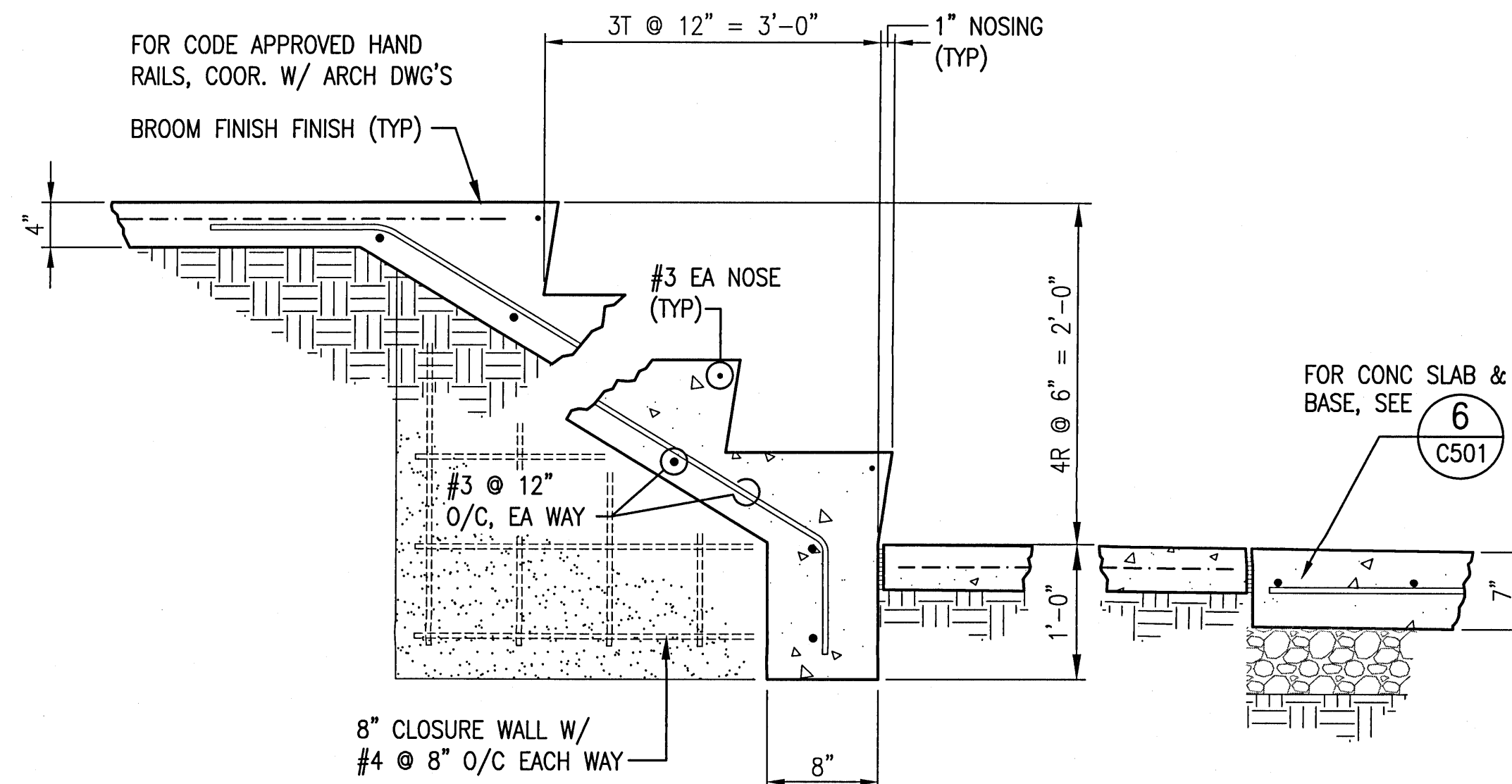


5 CONC SECTION
C601 NO SCALE

FOR CONC SLAB, REINF & BASE, SEE 6 C501

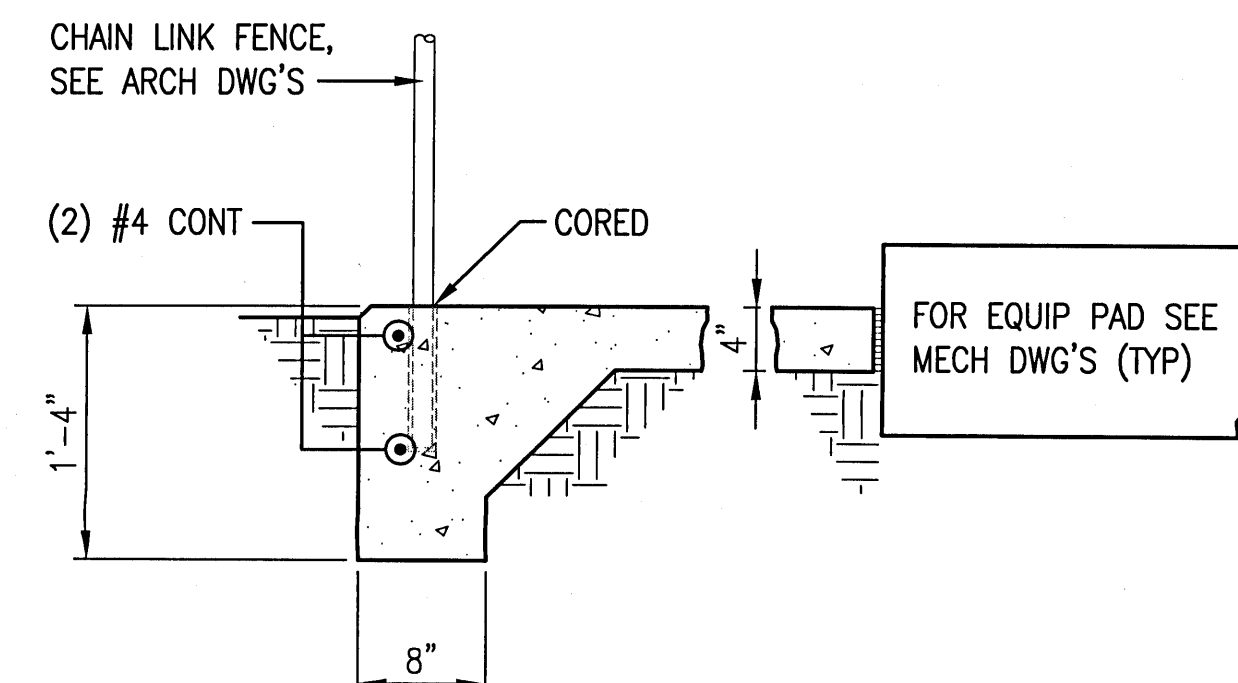


6 DOCK SECTION
C501 NO SCALE



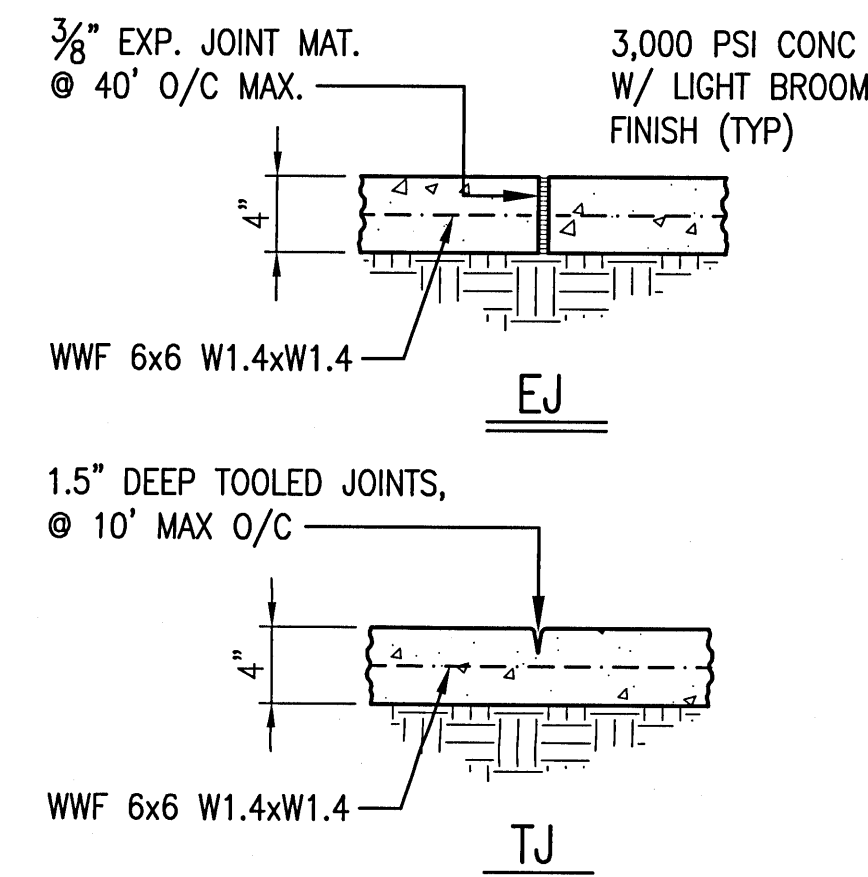
7 STAIR SECTION
C501 NO SCALE

FOR CONC SLAB & BASE, SEE 6 C501

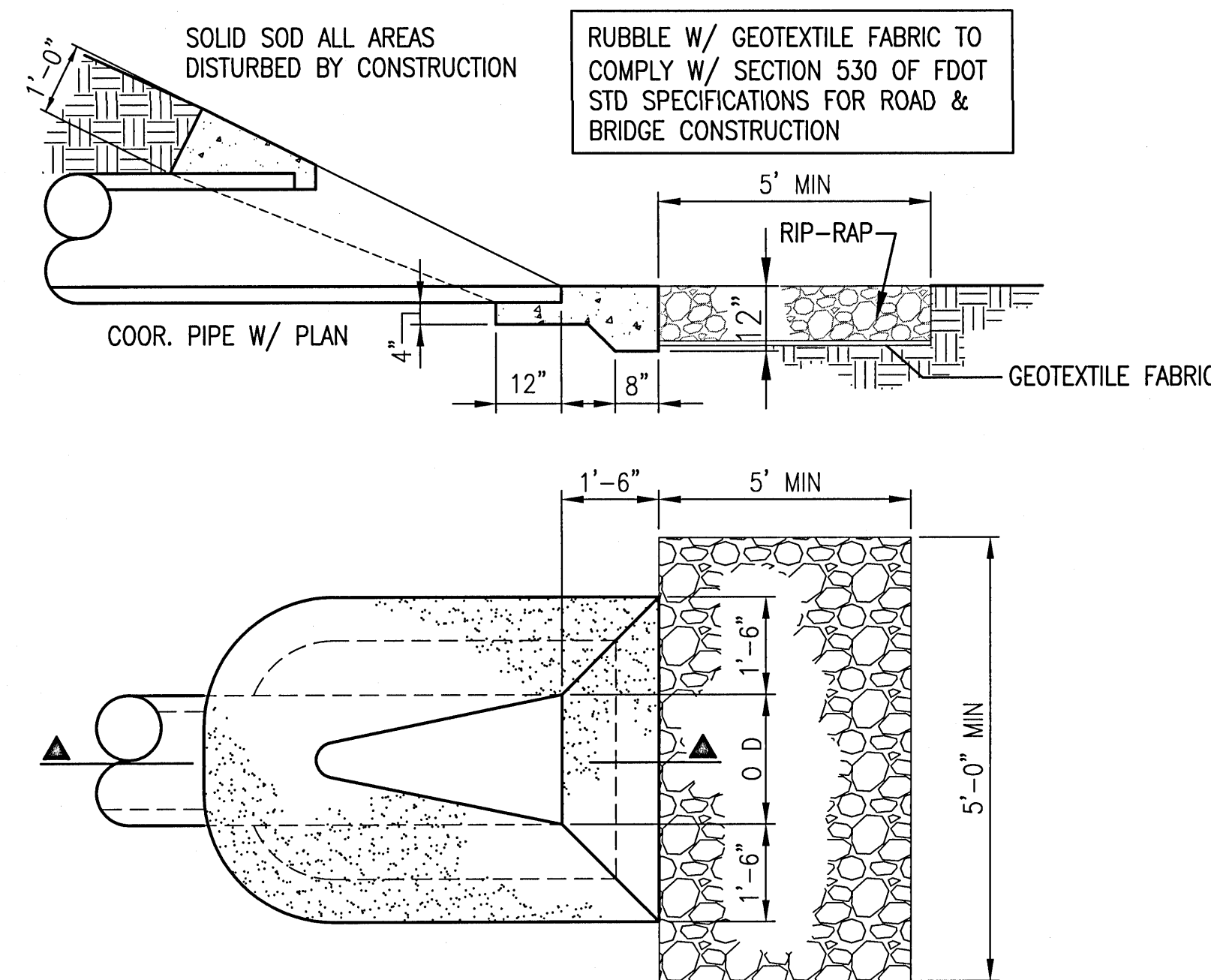


8 EQUIP PAD SECTION
C501 NO SCALE

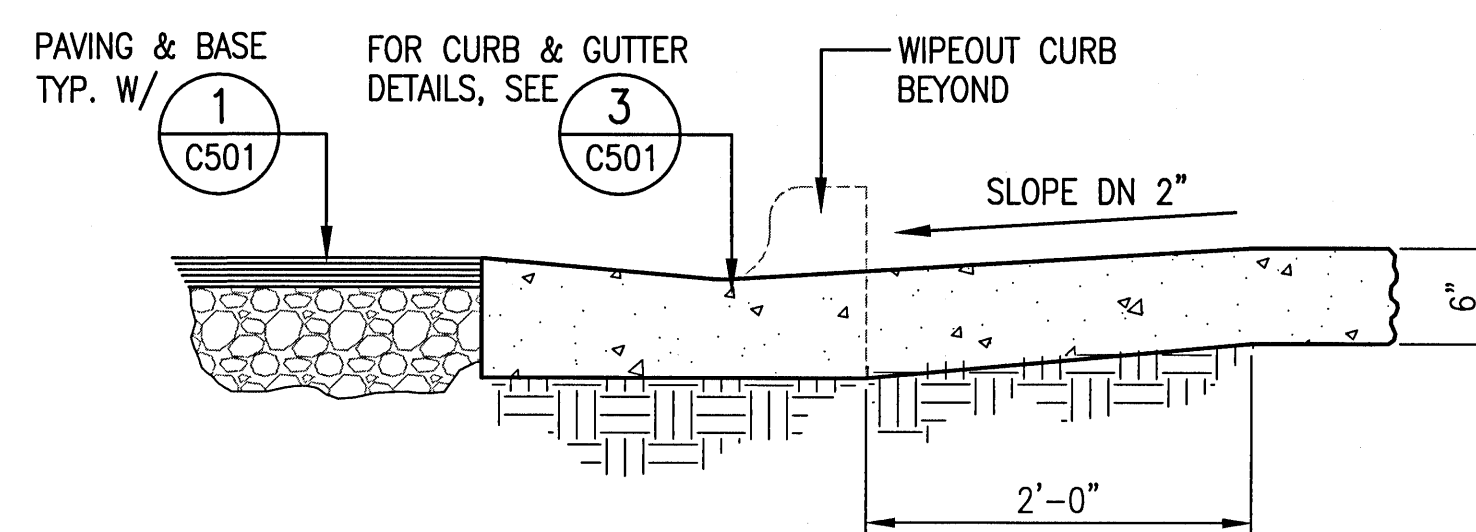
FOR EQUIP PAD SEE MECH DWG'S (TYP)



9 CONC WALK JOINT DETAILS
C501 NO SCALE



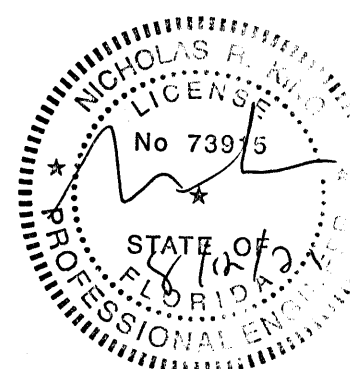
10 MITERED END SECTION @ POND
C501 NO SCALE



11 POND ACCESS SECTION
C501 NO SCALE

Quina Grundhoefer Architects

400 West Romana Street Pensacola, FL 32502
850-433-5575 qg@qgarchitects.com

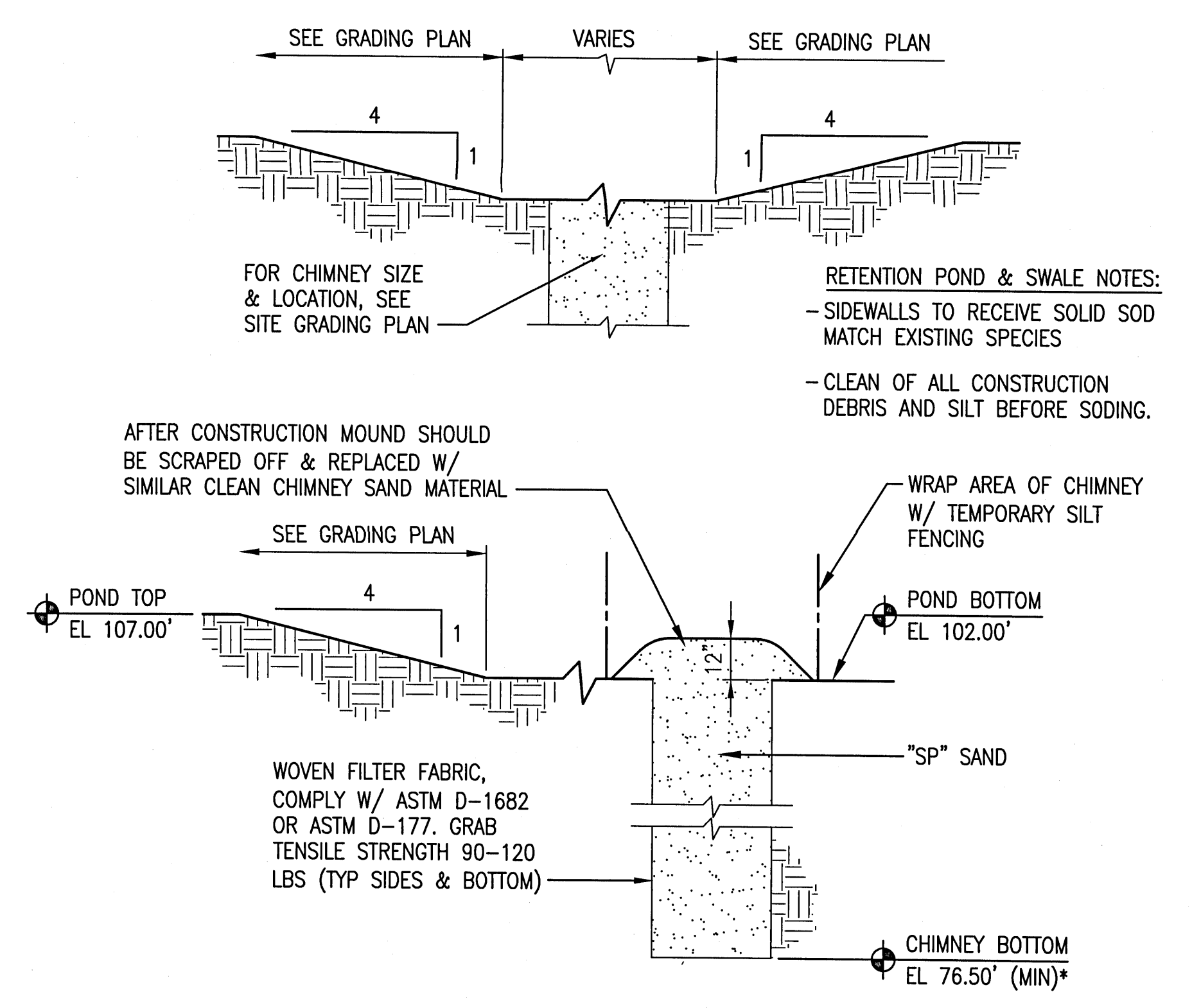
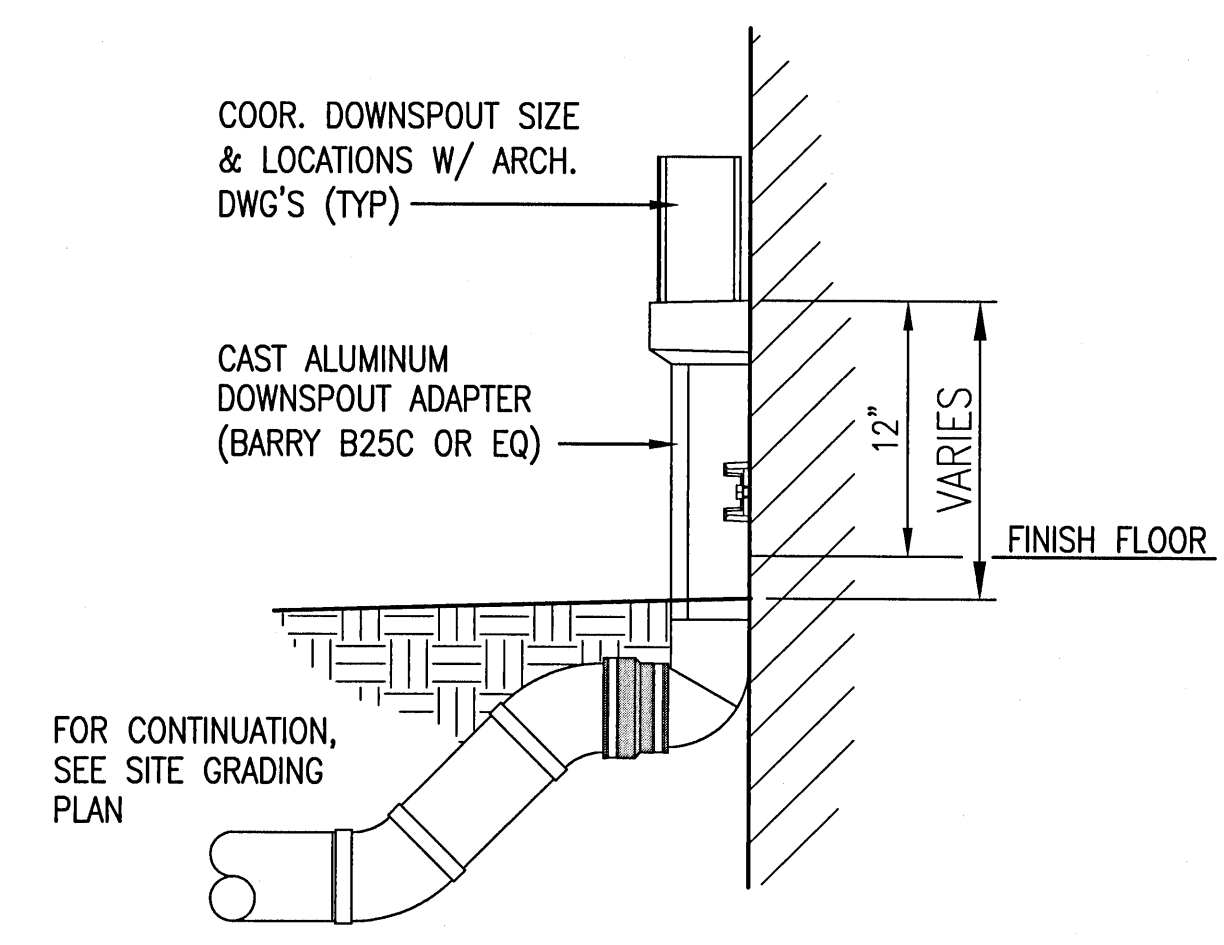
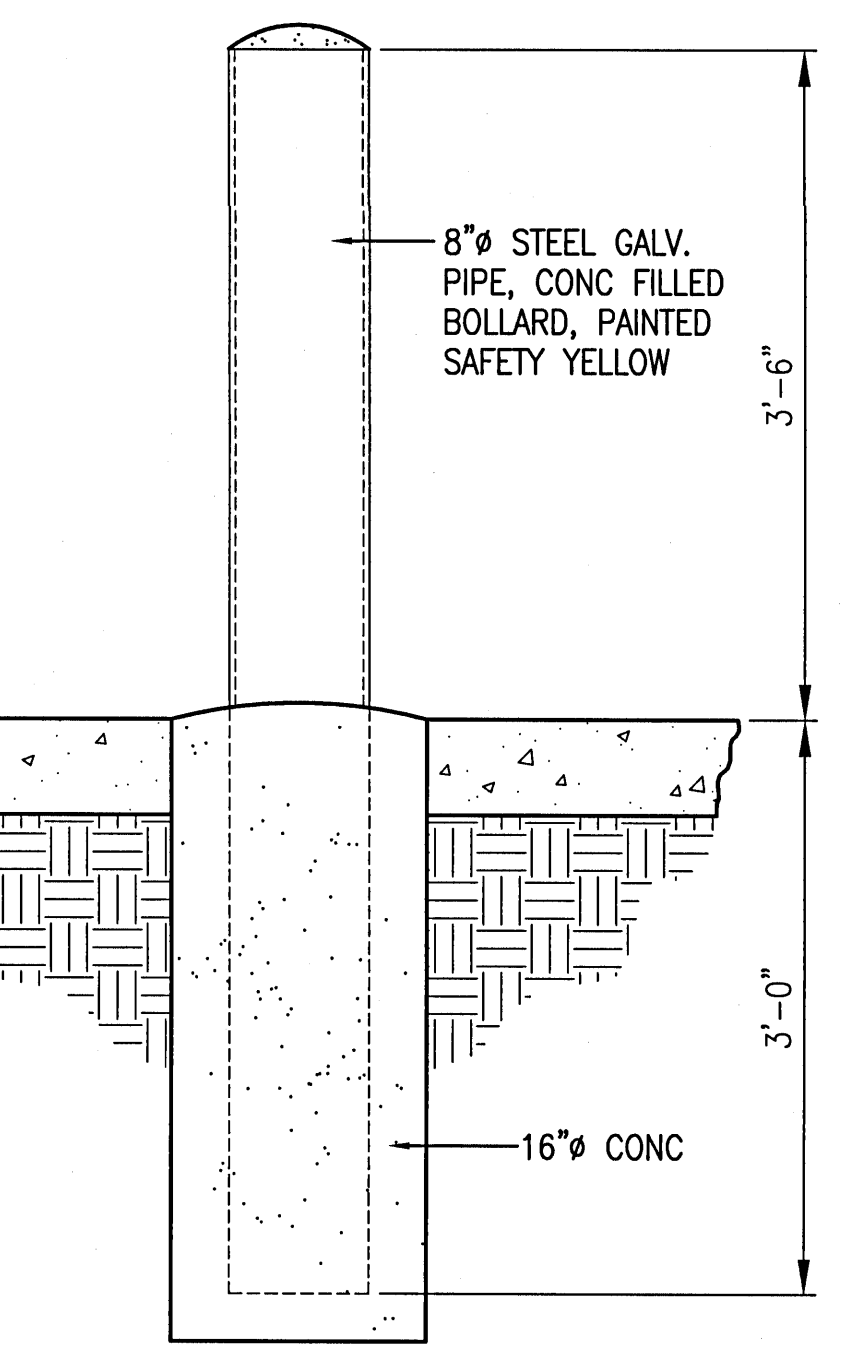
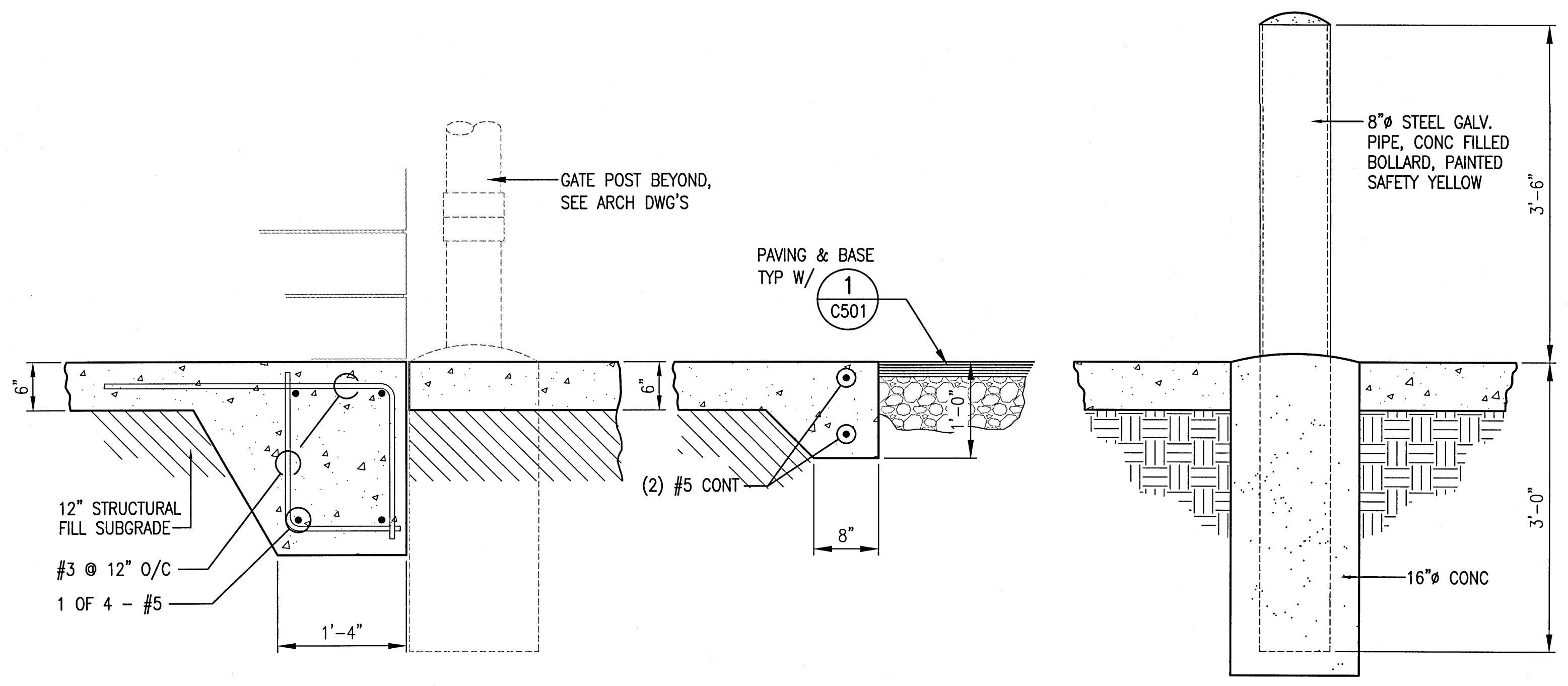
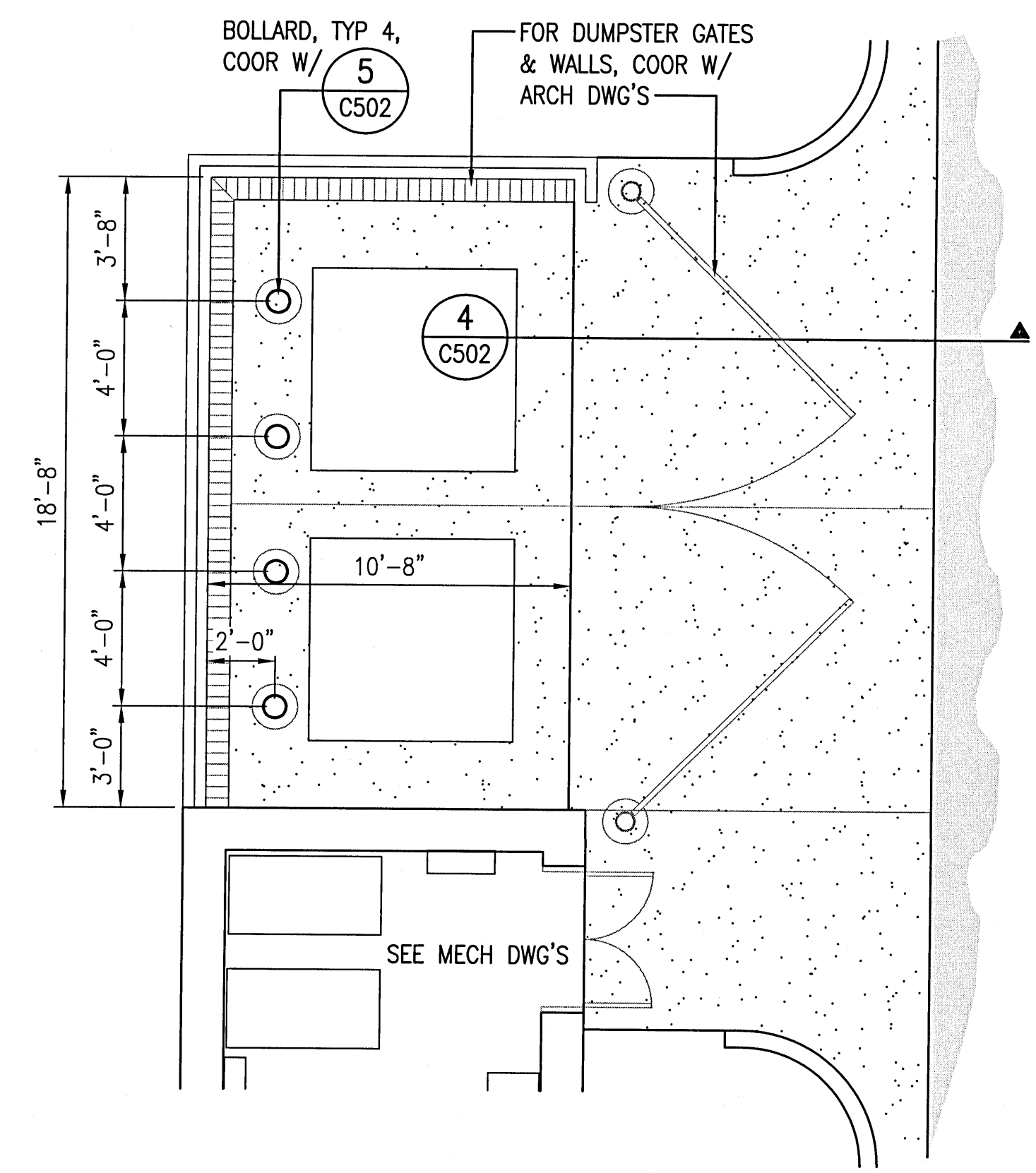
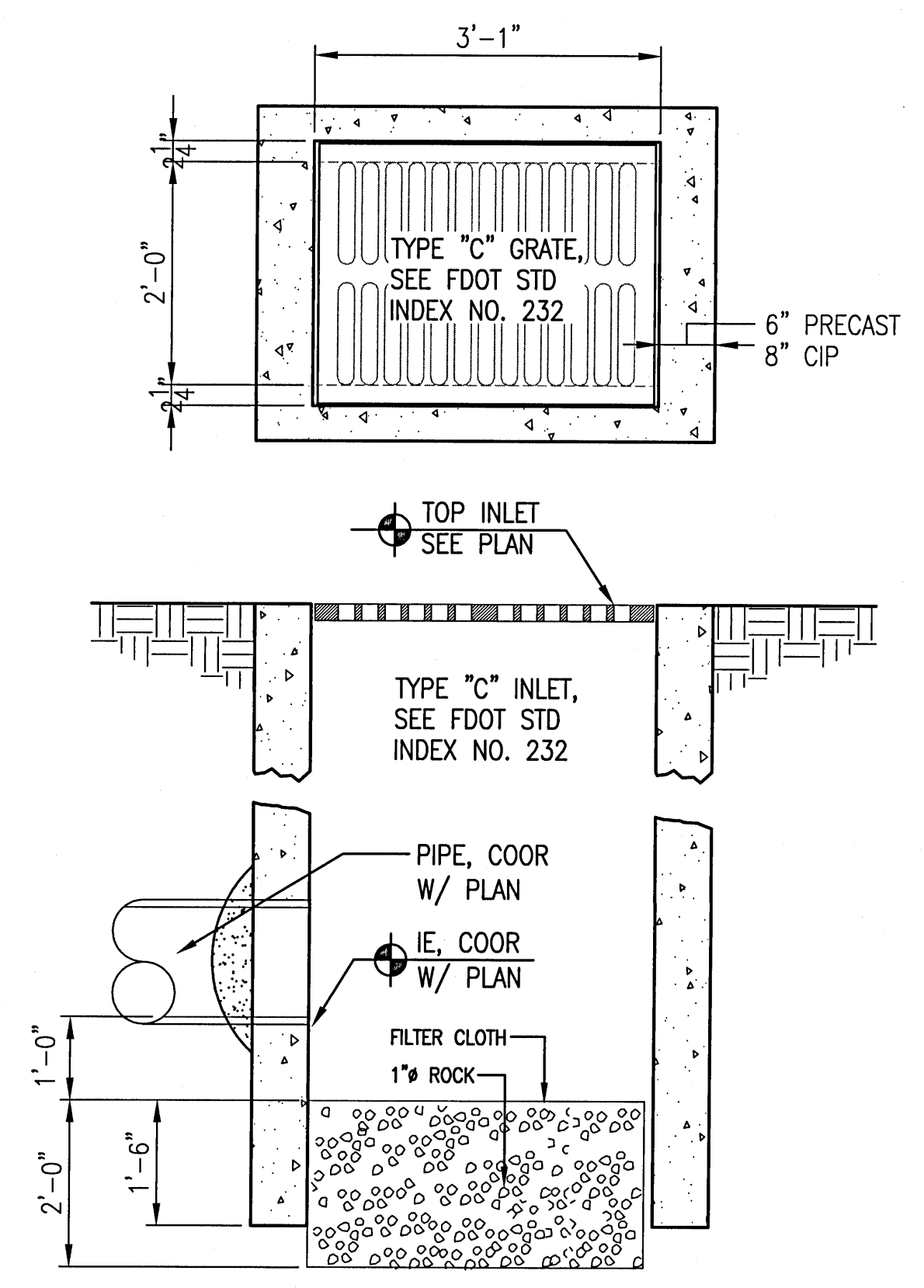
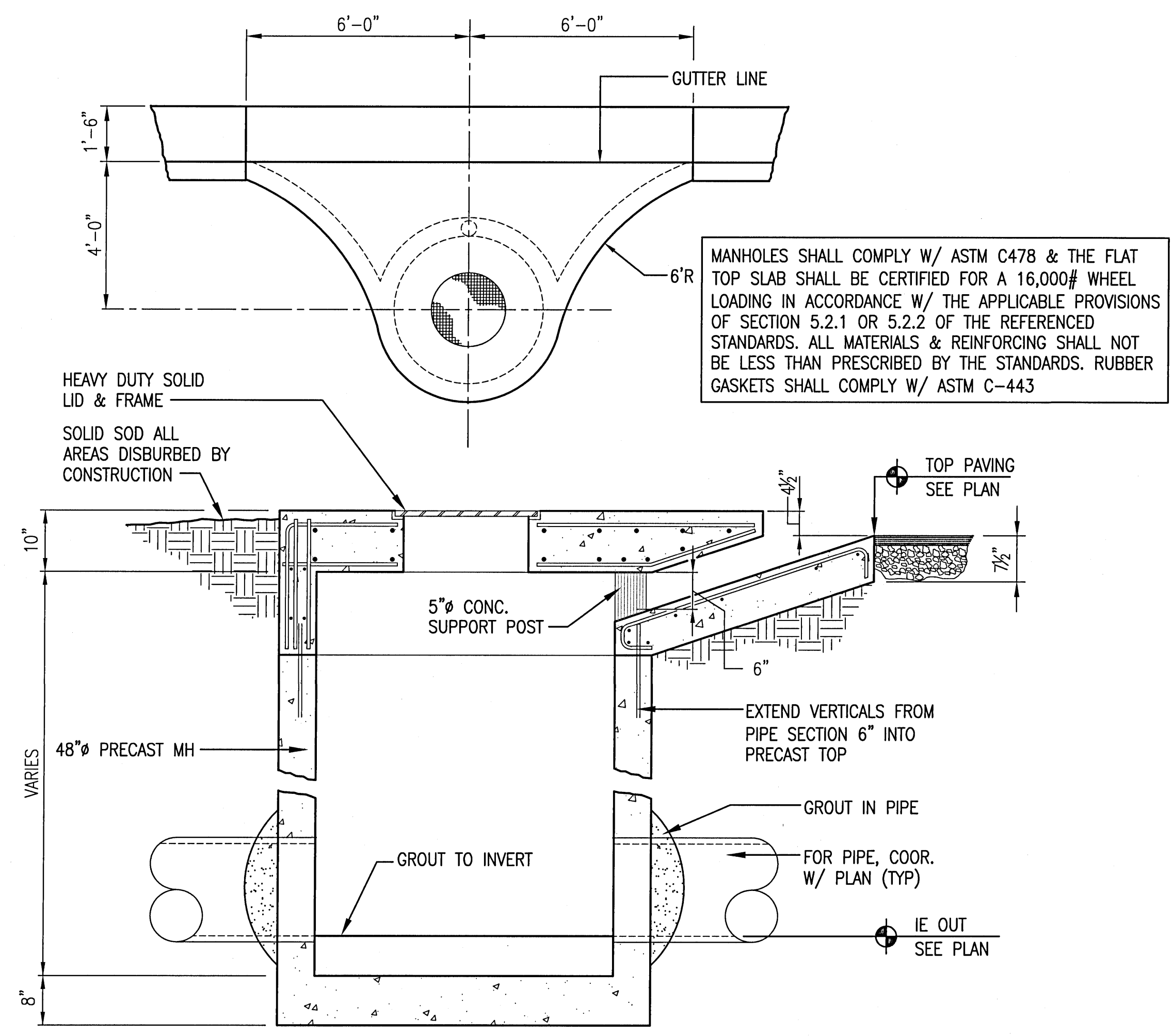


Project
New Cafeteria and
Bldg. 1 Renovations
Beulah Elementary School
Escambia County School District
Pensacola, Florida

Date:
5-24-21
Project No.
0620

Sheet No.

C501



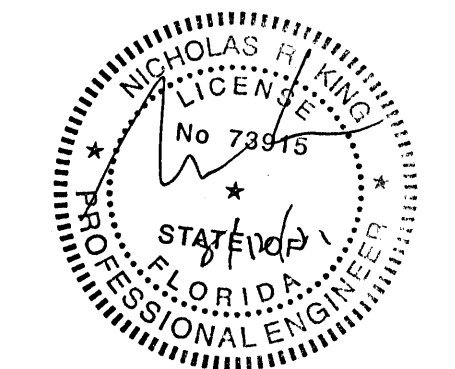
* SAND CHIMNEY SHALL EXTEND 12" INTO THE UNDERLYING SILTY SAND LAYER

THE GEOTECHNICAL ENGINEER OF RECORD MUST BE PRESENT ON-SITE TO VERIFY THAT THE BOTTOM OF CHIMNEY IS KEYING INTO THE MORE PERMEABLE LAYER AND THAT THE LESS-PERMEABLE MATERIAL HAS BEEN REMOVED TO AN APPROPRIATE DEPTH IN THE BOTTOM OF THE CHIMNEY, PRIOR TO INSTALLING THE CHIMNEY MATERIAL.

"SP" SAND MEETING THE FOLLOWING:
- EFFECTIVE GRAIN SIZE 0.2 TO 0.55 mm
- UNIFORMITY COEFFICIENT 1-1/4 TO 4
- COEFFICIENT OF PERMEABILITY K 0.609 TO 1.524 M/HR (2 TO 5 FT/HR)
- CONTRACTOR TO SUBMIT A LABORATORY ANALYSIS VERIFYING PROPERTIES

Quina Grundhoefer Architects

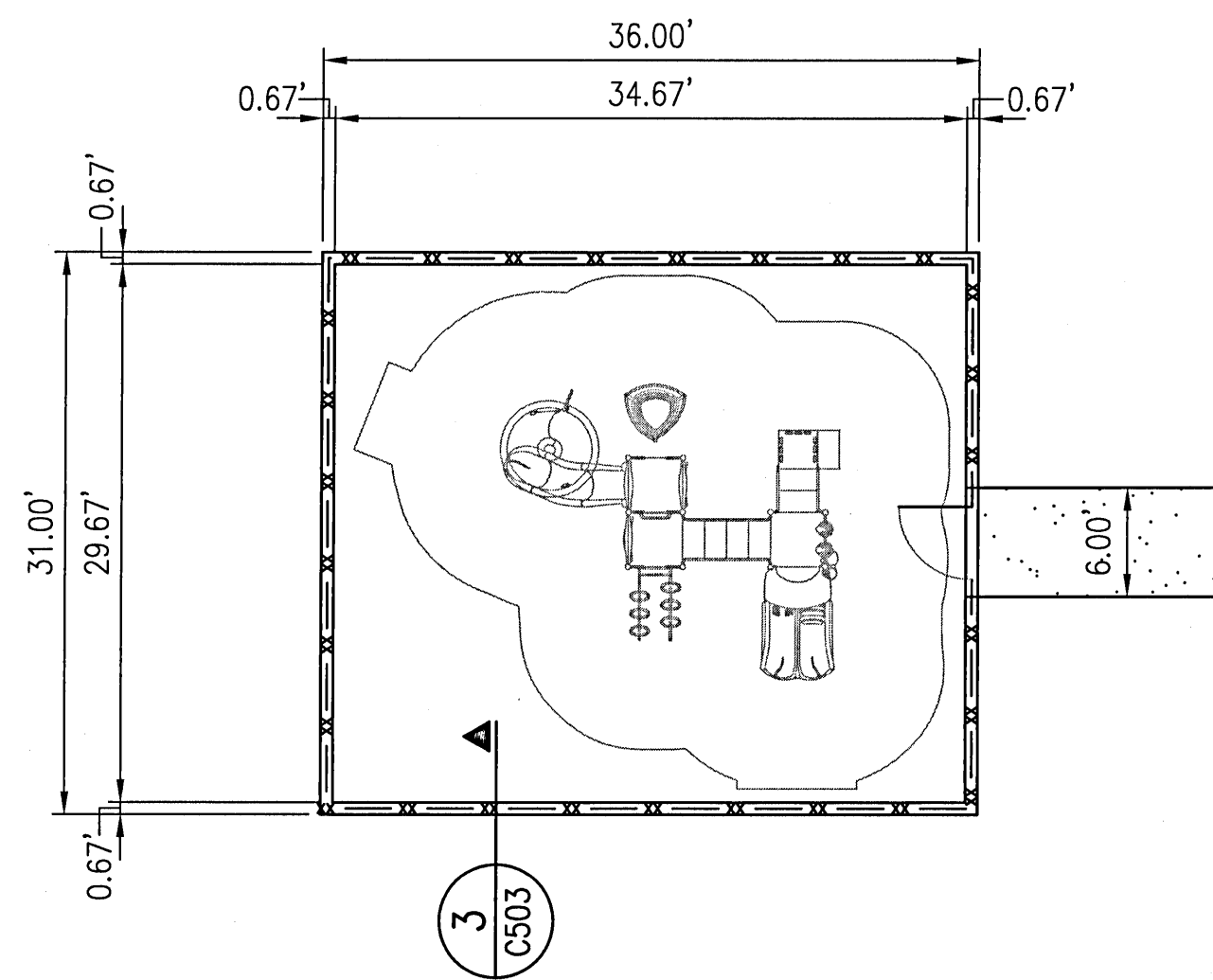
400 West Romana Street Pensacola, FL 32502
850-433-5575 qg@grundhoefer.com



Project
New Cafeteria and Bldg. 1 Renovations
Beulah Elementary School
Escambia County School District
Pensacola, Florida

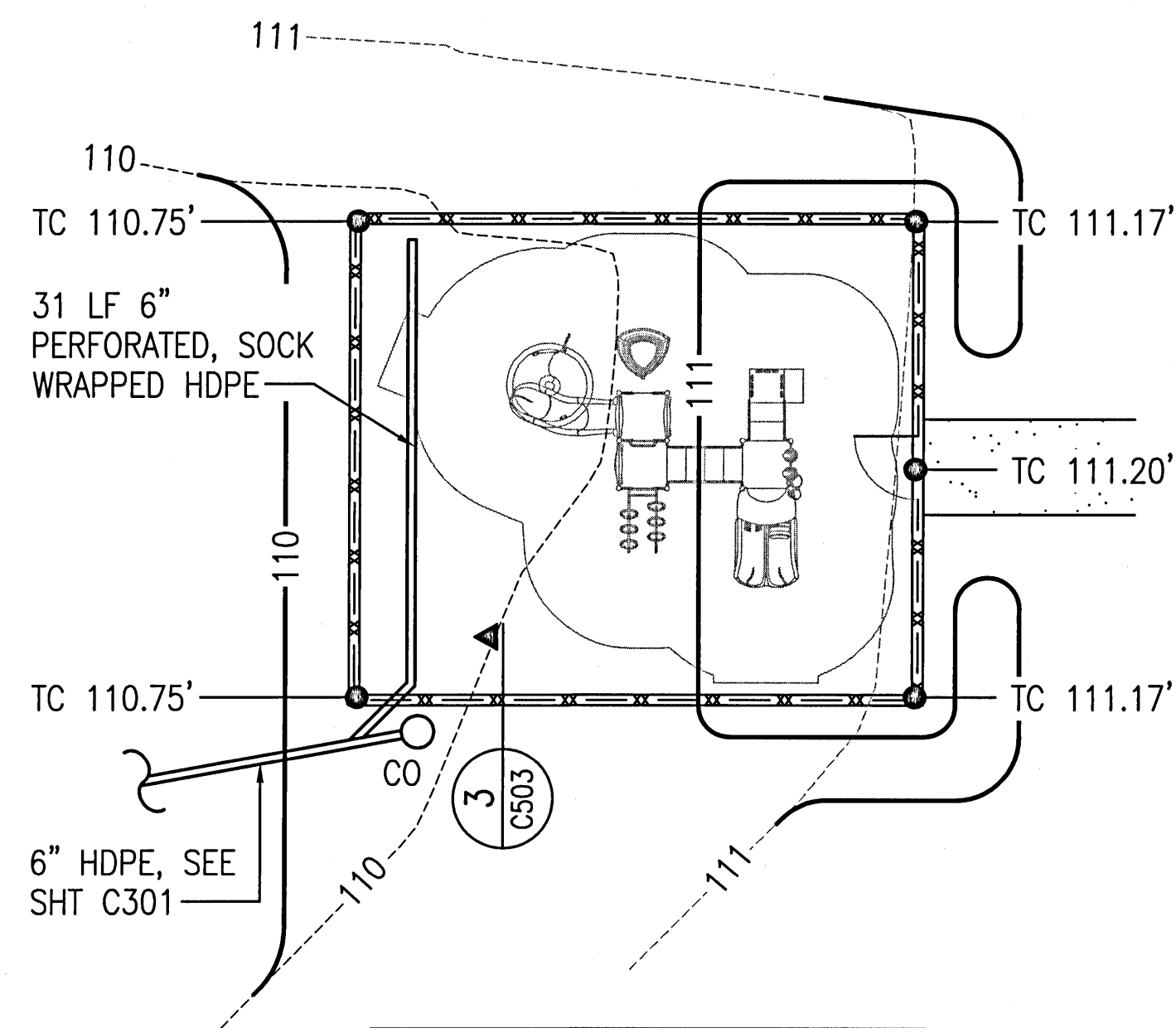
Date:
5-24-21
Project No.
0620

Sheet No.
C502



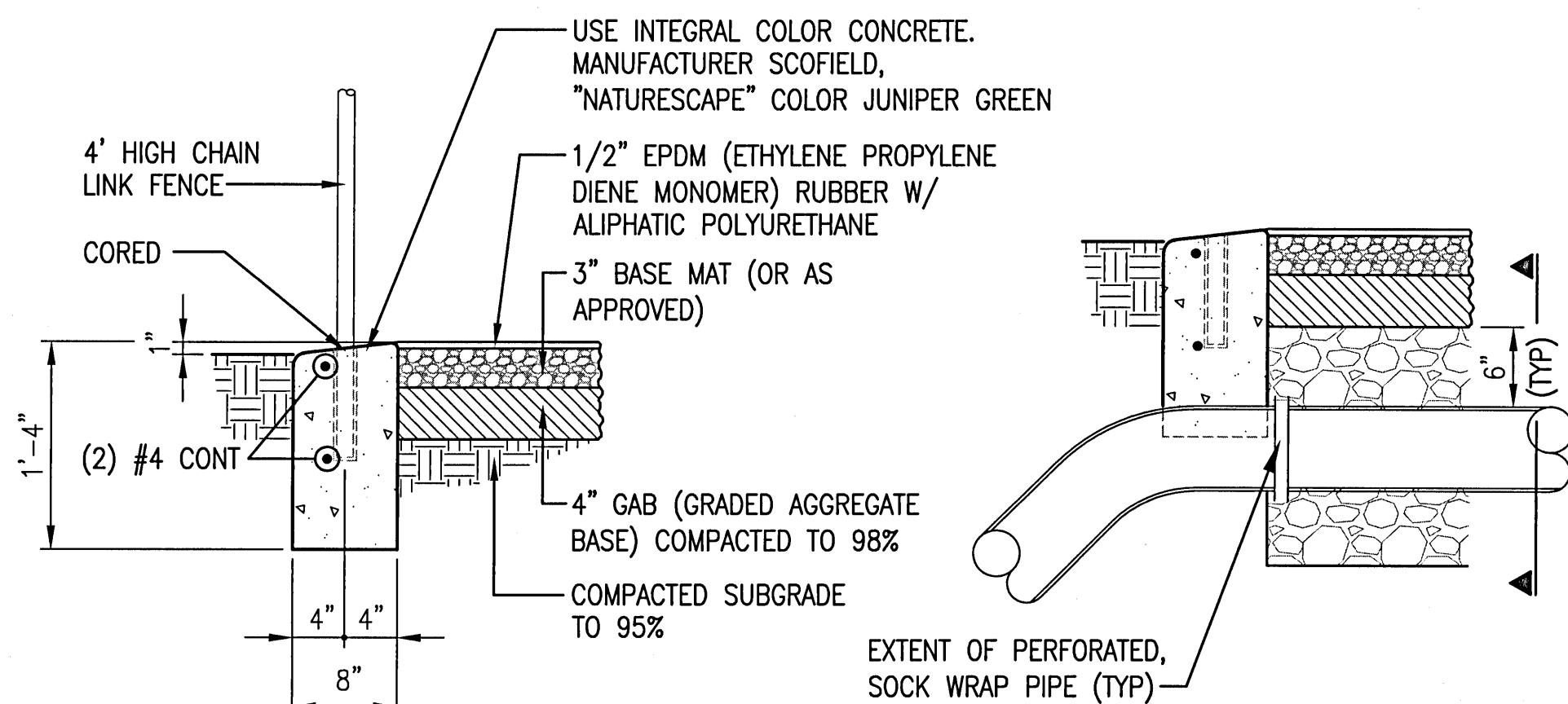
PLAYGROUND EQUIPMENT BY GAME TIME OR APPROVED EQUAL
 COLOR PALETTE: FRESH (CONFIRM W/ ARCH/OWNER)
 AREAS INSIDE THE CURBING TO CONTAIN POURED IN PLACE RUBBER SURFACING BY "CREATIVE SAFETY SURFACING" OR APPROVED EQUAL. COLOR GREEN 50% / BLACK 50%

1
 C503
 ADDITIVE ALT #2
 PLAYGROUND GEOMETRY PLAN
 1" = 10.00'
 0' 5' 10' 20' 30'



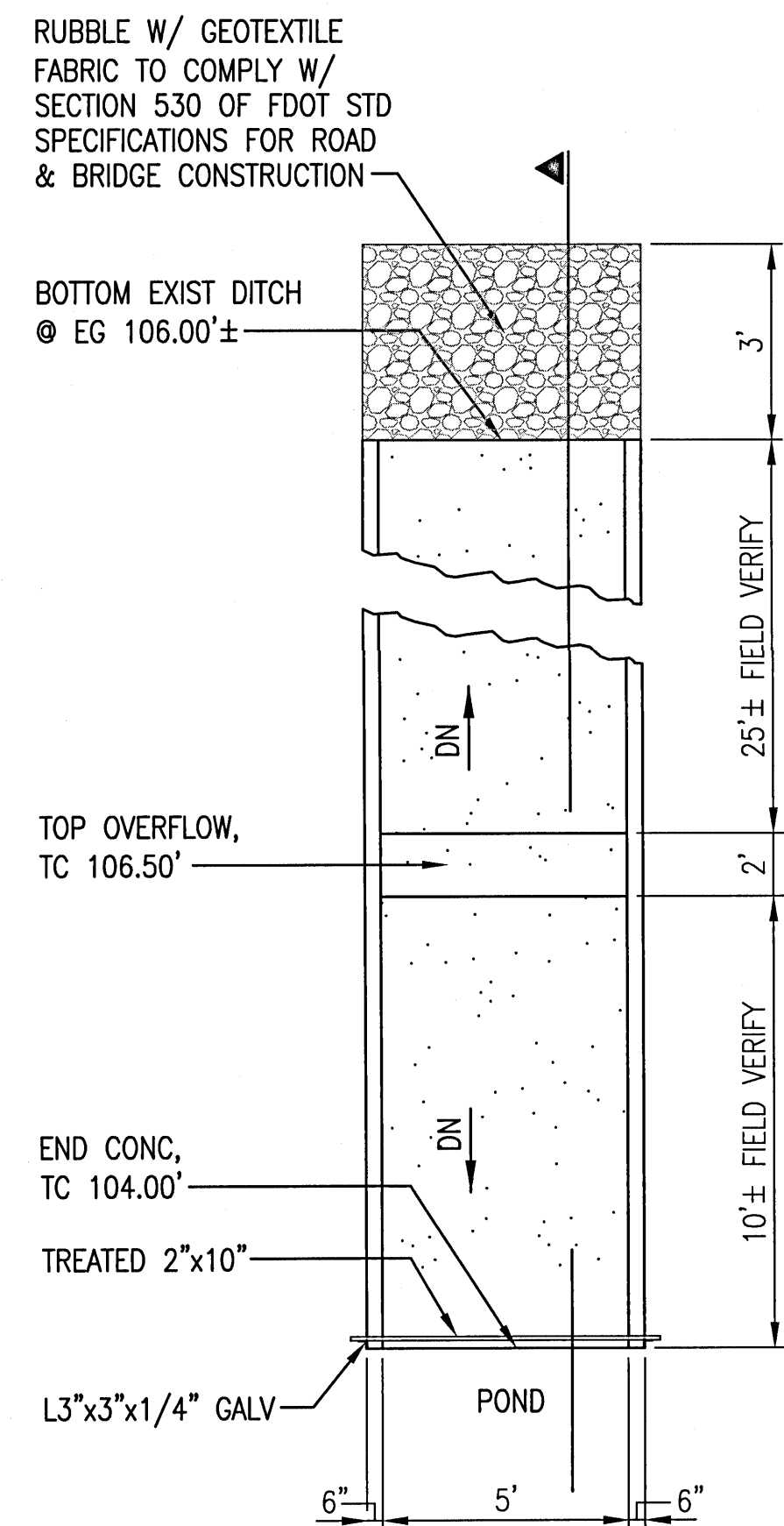
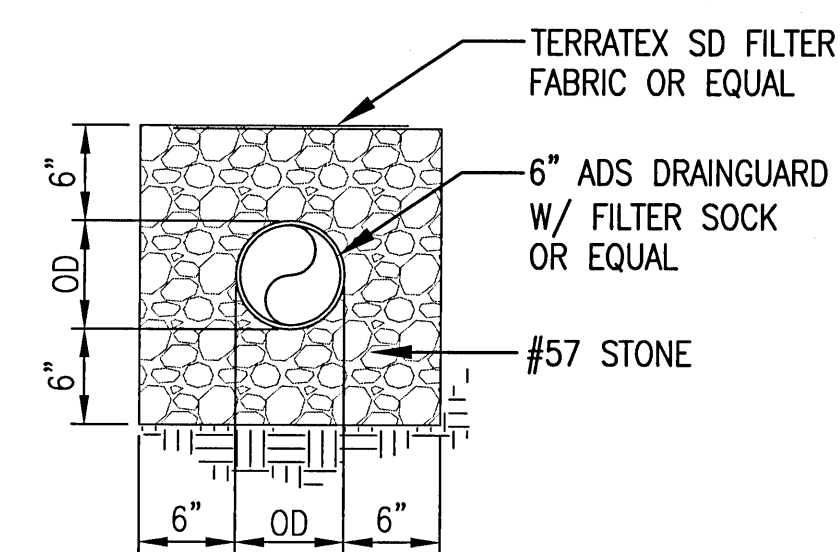
NOTE:
 PLAYGROUND EQUIPMENT & SURFACING SHALL COMPLY W/ 2010 ADA STANDARDS FOR ACCESSIBILITY DESIGN CHAPTER 10

2
 C503
 ADDITIVE ALT #2
 PLAYGROUND GRADING PLAN
 1" = 10.00'
 0' 5' 10' 20' 30'

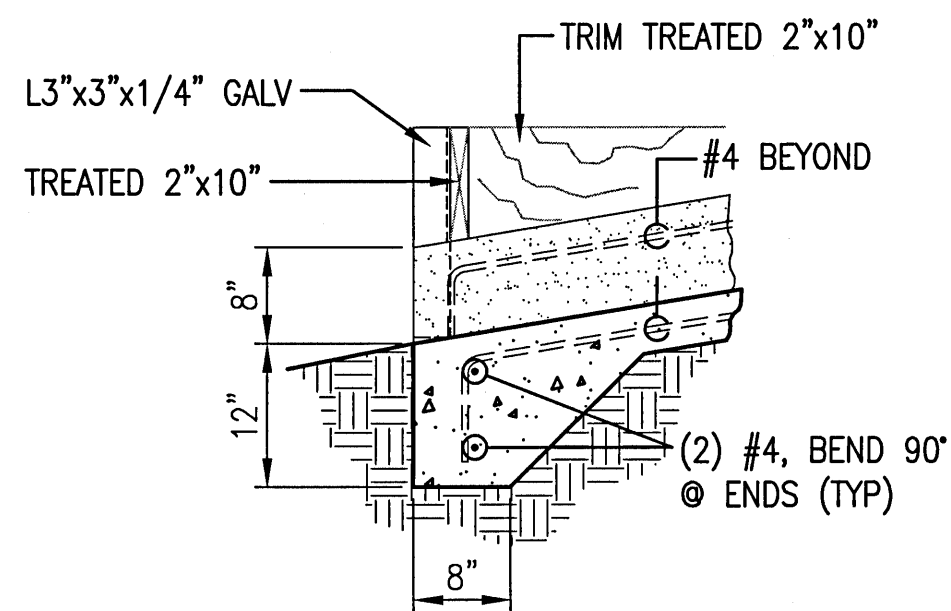


POURED-IN-PLACE SURFACING AS SHOWN PER "CREATIVE SAFETY SURFACING". CONFIRM SECTION W/ SURFACING MANUFACTURER (TYP)

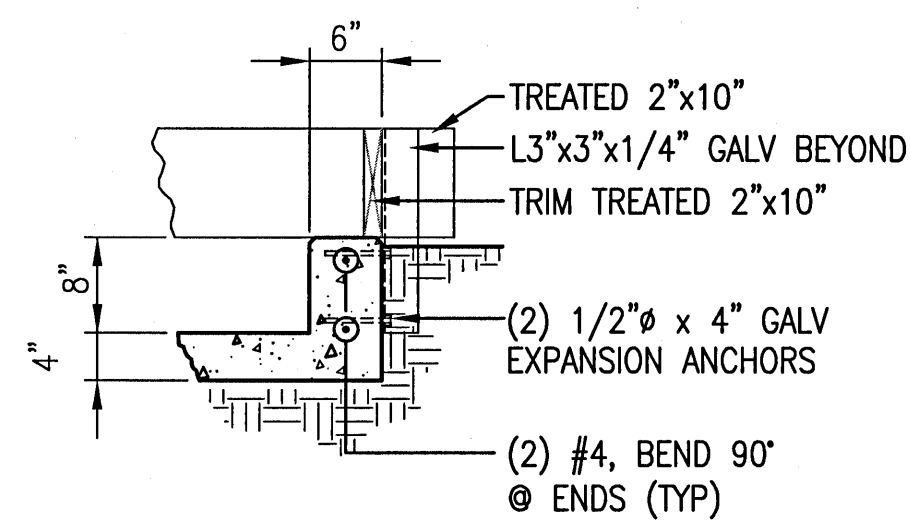
3
 C503
 ADDITIVE ALT #2
 CURB/PAVING SECTION
 NO SCALE



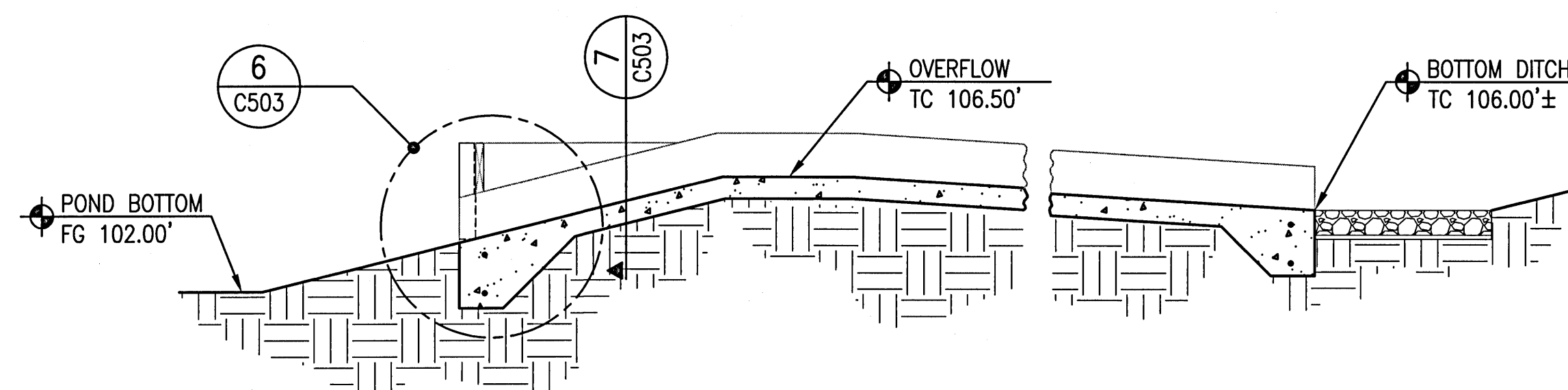
4
 C503
 CONC WEIR PLAN
 NO SCALE



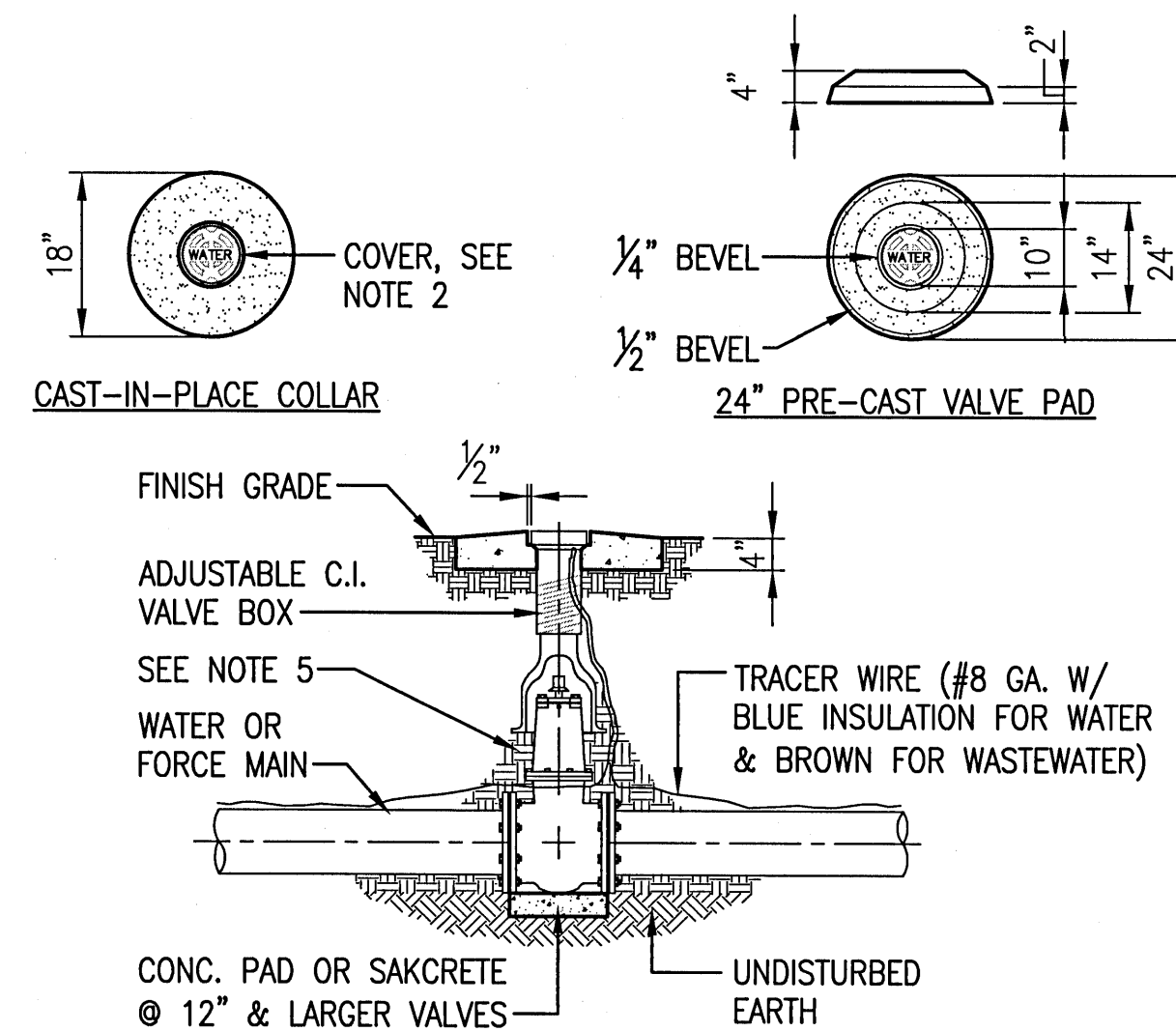
6
 C503
 SECTION
 NO SCALE



7
 C503
 SECTION
 NO SCALE



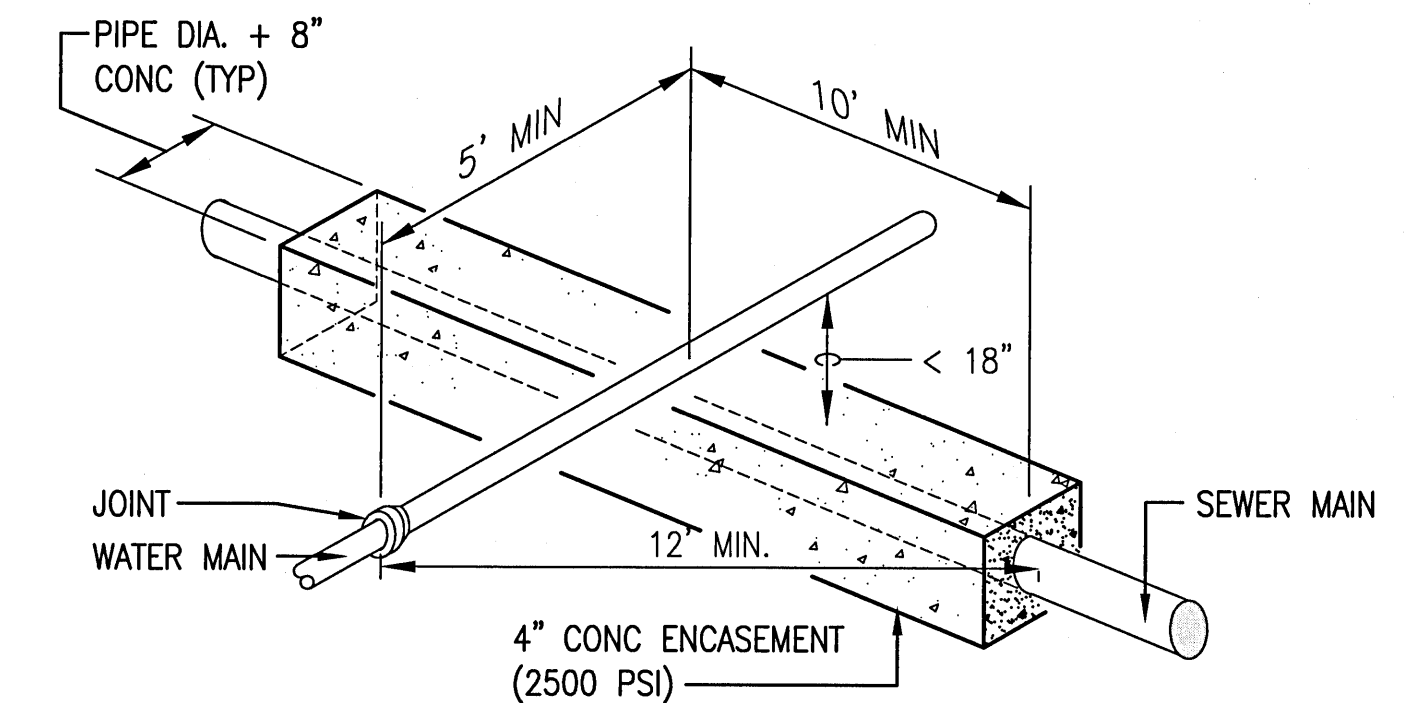
5
 C503
 CONC WEIR SECTION
 NO SCALE



1. VALVE BOX & BOOT SHALL BE CAST IRON
2. VALVE COVER SHALL BE MARKED "WATER" OR "SEWER" AS APPLICABLE.
3. VALVE BOX TOP SHALL BE FLUSH WITH FINISH GRADE OR 1/2" ABOVE NATURAL GROUND.
4. GATE VALVE SHALL BE RESILIENT SEAT WITH MECHANICAL JOINT ENDS OR APPROVED EQUAL.
5. EARTH UNDER FLANGE OF VALVE BOX TO BE FIRM & WELL TAMPED TO ENSURE AGAINST VALVE BOX SETTLING.

7
 C503
 TYP VALVE & BOX INSTALLATION
 NO SCALE

SANITARY SEWER LINES (GRAVITY OR PRESSURE) SHALL HAVE 18" OR GREATER VERTICAL CLEARANCE BELOW ANY POTABLE WATER LINE WHEN CROSSING. A MINIMUM OF 6" VERTICAL CLEARANCE IS REQUIRED FOR OTHER UTILITIES. HORIZONTAL CLEARANCE BETWEEN SANITARY SEWER LINE THAT IS PARALLEL TO AND LESS THAN 18" BELOW A POTABLE WATER LINE SHALL BE 10' OR GREATER. A MINIMUM OF 30" IS REQUIRED FOR OTHER UTILITIES. IF THIS IS NOT POSSIBLE OR PRACTICAL, SEE BELOW:



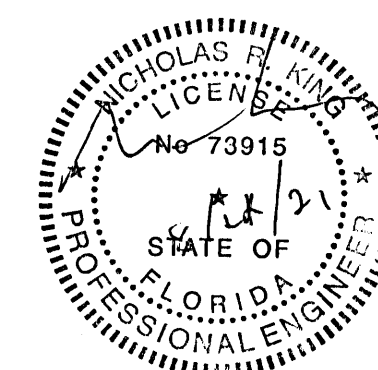
FOR CROSSING: ENCASE AS ABOVE SO THAT THE ENDS OF ENCASUREMENT ARE AT LEAST 12' FROM ANY WATER LINE JOINT. WATER LINE JOINT MUST NOT BE CLOSER THAN 5' TO THE POINT OF CROSSING, OR IT MUST ALSO BE ENCASED.

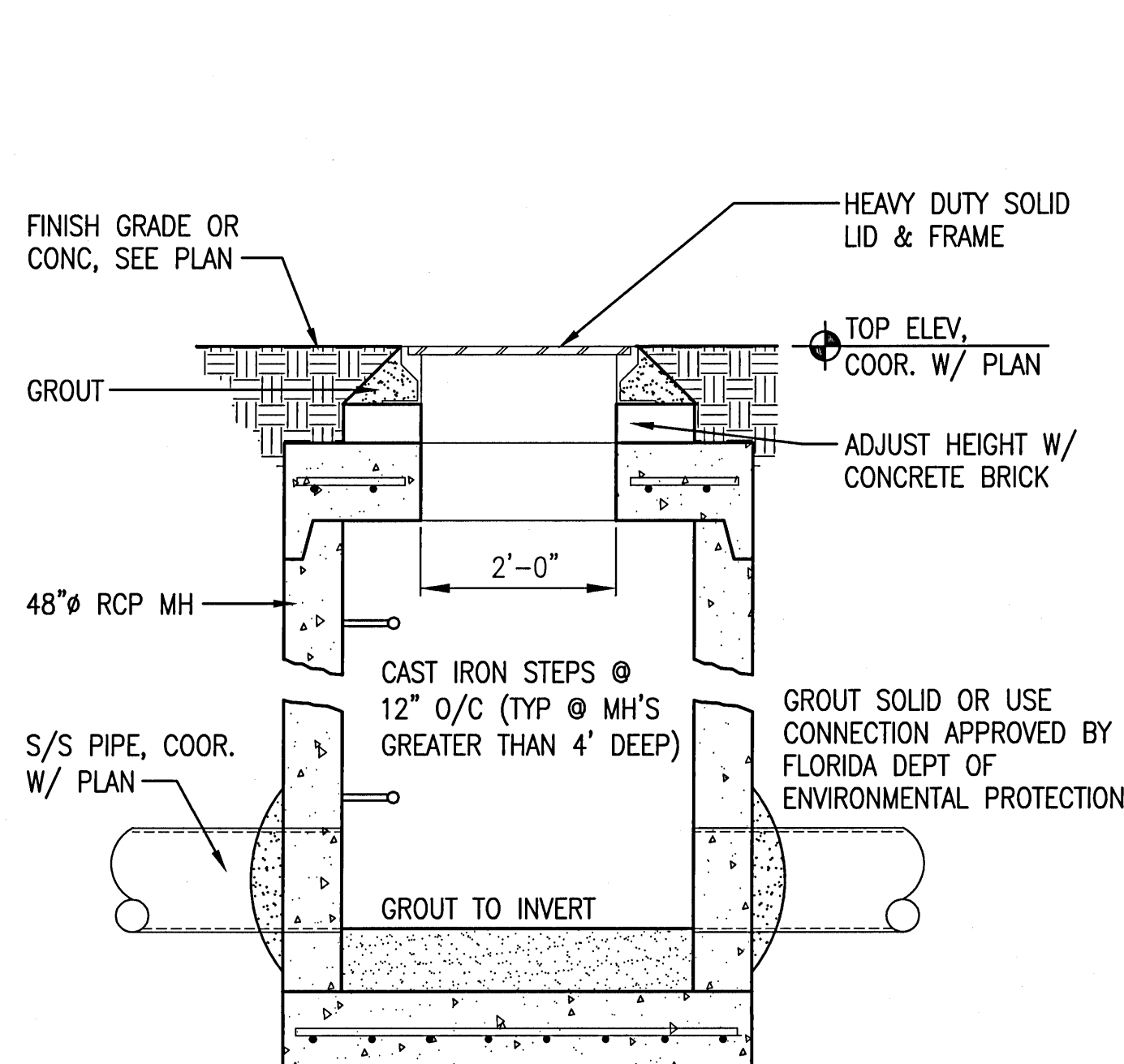
ALTERNATE 1: USE EQUALLY (OR HIGHER) RATED PRESSURE PIPE FOR SEWER WITH NO JOINTS CLOSER THAN 12' APART AND 6' VERTICAL.

ALTERNATE 2: PLACE SEWER LINE INTO STEEL CASING AND CENTER 20' PIECE WITH 4' VERTICAL CLEARANCE AND SEAL ENDS.

FOR PARALLEL: AND 6' TO 10' APART USE ALTERNATE 2, BUT IF MORE THAN 40' IN LENGTH, ALTERNATE 1 MUST BE USED AND JOINTS ARE TO BE STAGGERED. IF LINES MUST BE 3' TO 6' APART, ALTERNATE 1 MUST BE USED WITH A HIGHER RATED PRESSURE PIPE FOR SEWER (i.e., WATER LINE IS DR25 THEN USE DR18 OR 21 FOR SEWER).

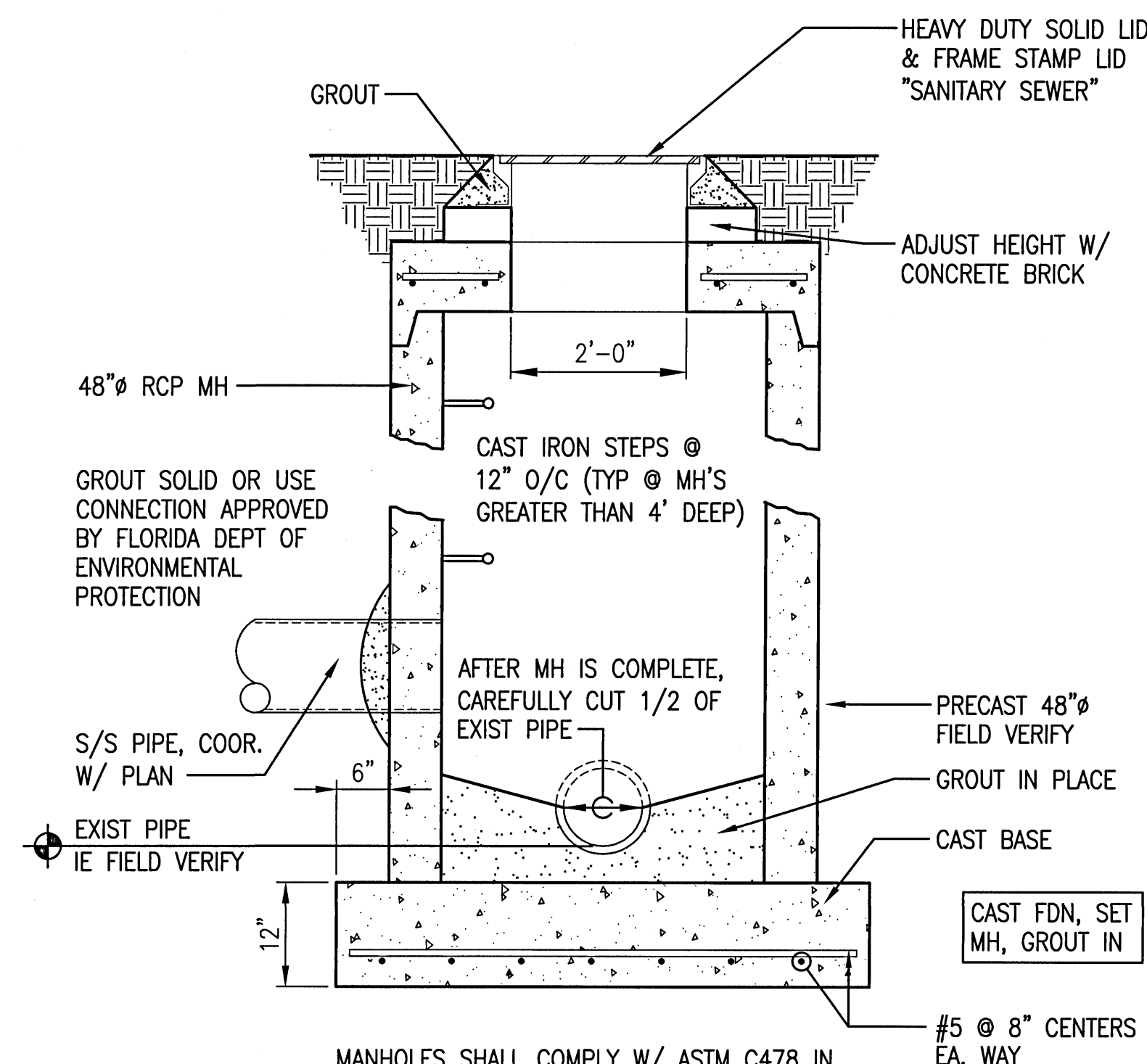
8
 C503
 SEWER/WATER SEPARATION
 NO SCALE





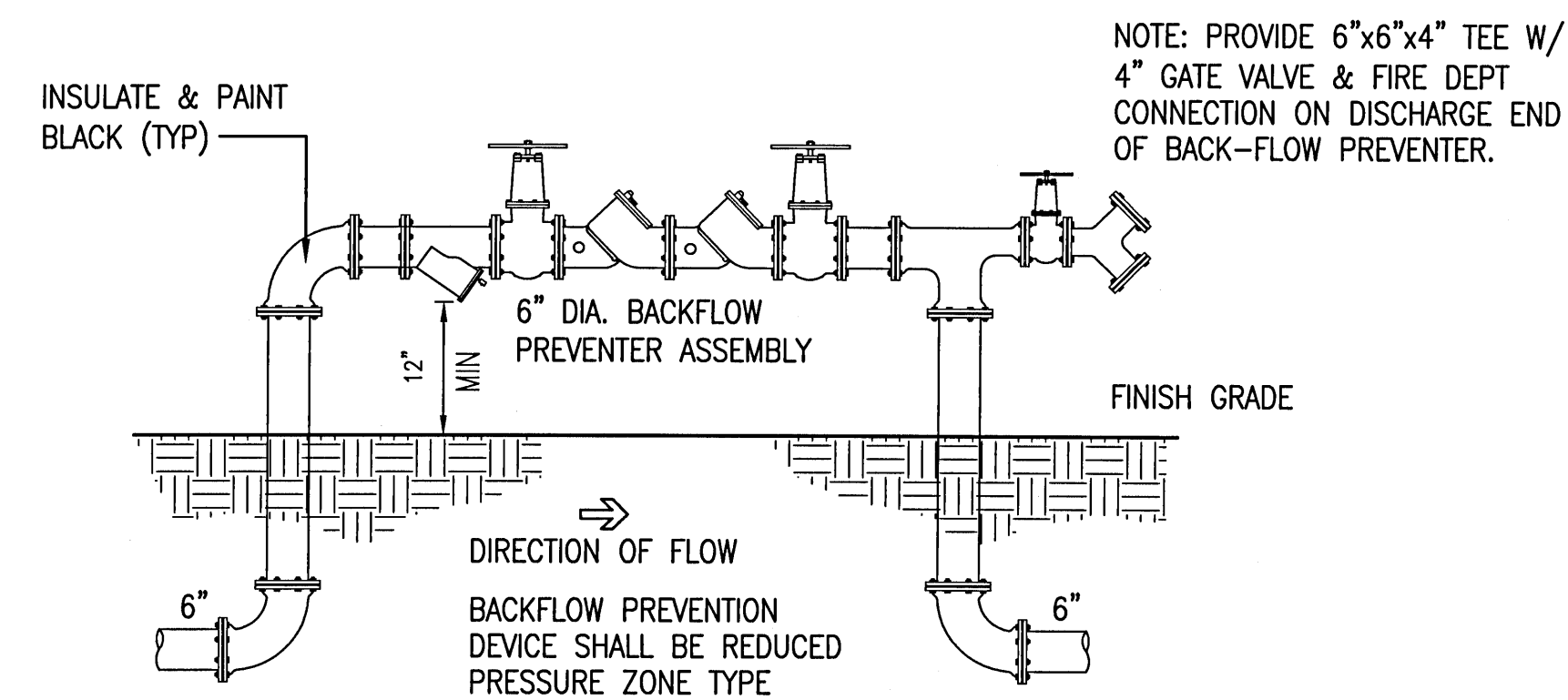
MANHOLES SHALL COMPLY W/ ASTM C478 IN ACCORDANCE W/ THE APPLICABLE PROVISIONS OF SECTION 5.2.1 OR 5.2.2 OF THE REFERENCED STANDARDS. ALL MATERIALS & REINFORCING SHALL NOT BE LESS THAN PRESCRIBED BY THE STANDARDS. RUBBER GASKETS SHALL COMPLY W/ ASTM C-443

1 SANITARY SEWER MH
C504 NO SCALE



MANHOLES SHALL COMPLY W/ ASTM C478 IN ACCORDANCE W/ THE APPLICABLE PROVISIONS OF SECTION 5.2.1 OR 5.2.2 OF THE REFERENCED STANDARDS. ALL MATERIALS & REINFORCING SHALL NOT BE LESS THAN PRESCRIBED BY THE STANDARDS. RUBBER GASKETS SHALL COMPLY W/ ASTM C-443

2 DOGHOUSE TYPE S/S MH
C504 NO SCALE



NOTE: PROVIDE 6"x6"x4" TEE W/ 4" GATE VALVE & FIRE DEPT CONNECTION ON DISCHARGE END OF BACK-FLOW PREVENTER.

INSULATE & PAINT BLACK (TYP)

6" DIA. BACKFLOW PREVENTER ASSEMBLY

FINISH GRADE

DIRECTION OF FLOW

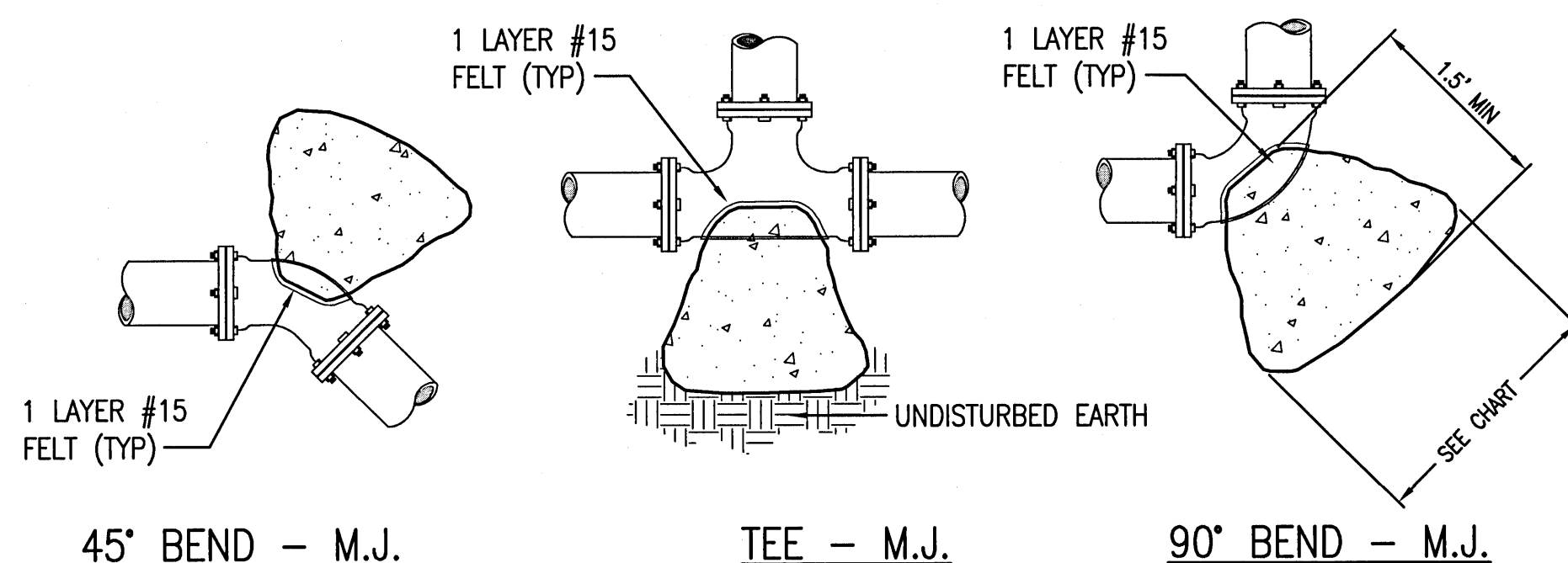
BACKFLOW PREVENTION DEVICE SHALL BE REDUCED PRESSURE ZONE TYPE

6"

6"

PIPING ABOVE GRADE TO HAVE 2.5" CELLULAR GLASS INSULATION WITH METAL JACKET. METAL JACKET SHALL HAVE SIDE & END LAPS AT LEAST 2" WIDE WITH THE CUT EDGE OF THE SIDE LAP TURNED UNDER 1" TO PROVIDE A SMOOTH EDGE. OVERLAP THE JACKET NOT LESS THAN 2" AT LONGITUDINAL AND CIRCUMFERENTIAL JOINTS AND SECURE WITH METAL BANDS NOT MORE THAN 9" CENTERS OR WITH SCREWS AT NOT MORE THAN 5" CENTERS. OVERLAP LONGITUDINAL JOINTS DOWN TO SHED WATER. SEAL CIRCUMFERENTIAL JOINTS WITH A COATING RECOMMENDED BY THE INSULATION MANUFACTURER FOR WATERPROOFING.

3 PRINCIPLE BACKFLOW PREVENTER W/ FDC
C504 NO SCALE



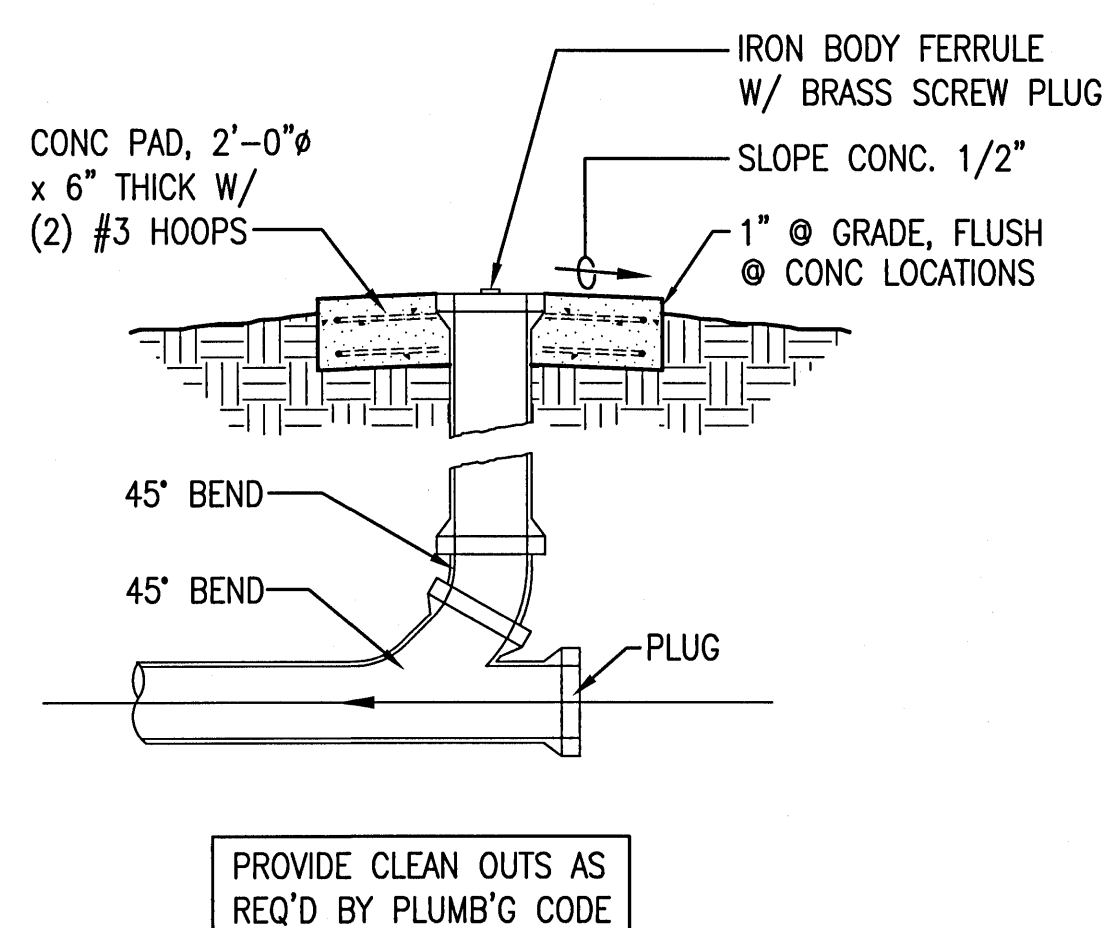
MINIMUM THRUST BLOCK DIMENSIONS:
SURFACE AREA AGAINST UNDISTURBED SOIL

PIPE SIZE	DEAD END OR TEE	90° BEND	45° BEND	22.5° BEND
4"	1' x 2'	1.5' x 1.5'	1' x 1.5'	1' x 1'
6"	2' x 2'	2.5' x 2.5'	2' x 1.5'	1' x 1.5'
8"	2.25' x 3'	3' x 3'	2' x 2.5'	1.5' x 1.5'
10"	3.5' x 3'	4' x 3.75'	2.75' x 3'	2' x 2'
12"	4' x 4'	4' x 5'	3' x 4'	2' x 3'
16"	5' x 5.5'	6' x 6.5'	4' x 5'	3' x 3.5'

NOTES:

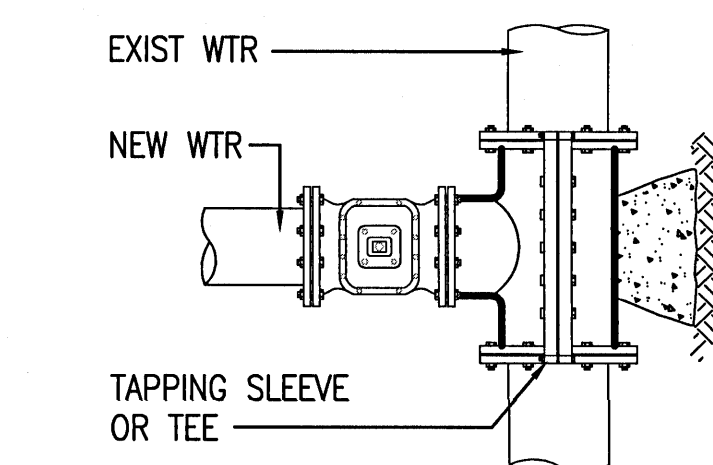
- ONE LAYER OF #15 FELT TO BE USED TO PREVENT ADHESION OF CONCRETE TO FITTING.
- ALL THRUST BLOCKS TO BE BACKED BY UNDISTURBED SOIL
- THRUST BLOCK DIMENSIONS BASED ON SM SOIL CLASSIFICATION
- CONCRETE MIN. 2,500 PSI.
- JOINT RESTRAINTS ARE TO BE USED ON ALL FITTINGS. TRUST BLOCKS REQUIRED ON 90° BENDS, 45° BENDS, TEES, TAPPING SLEEVES, AND DEAD ENDS.

4 THRUST BLOCK SCHEDULE & DETAILS
C504 NO SCALE

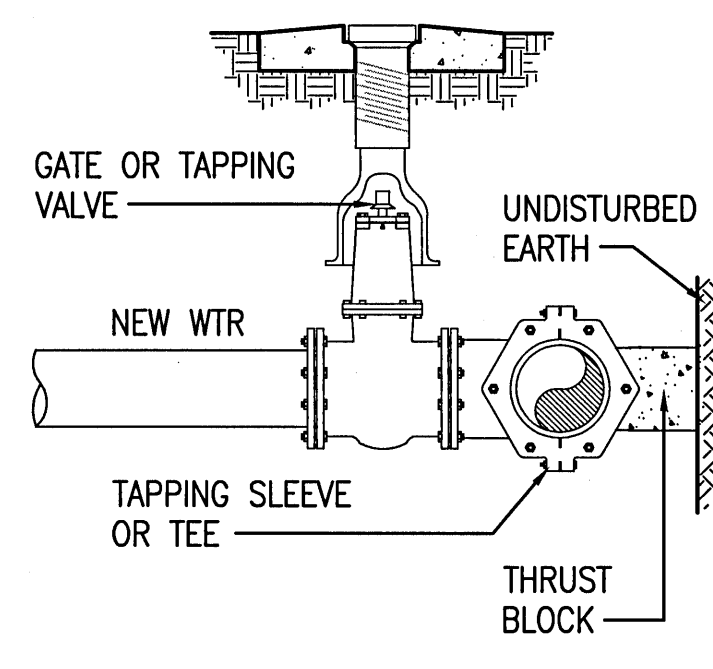


PROVIDE CLEAN OUTS AS REQ'D BY PLUMB'G CODE

5 CLEAN OUT
C504 NO SCALE



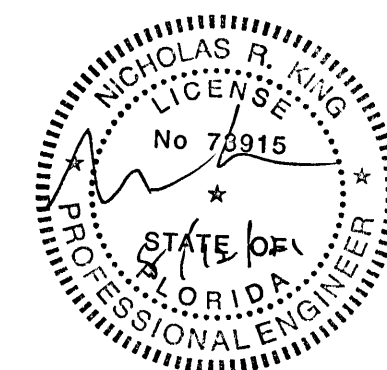
PLAN VIEW



ELEVATION

SEE SITE UTILITY PLAN FOR EXIST & NEW WATER LINE SIZES (TYP)

6 TAPPING SLEEVE & VALVE
C504 NO SCALE



Project
**New Cafeteria and
Bldg. 1 Renovations**
Beulah Elementary School
Escambia County School District
Pensacola, Florida

Date:
5-24-21
Project No.
0620

Sheet No.

C504