EROSION AND SEDIMENT CONTROL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR STORM WATER POLLUTION PREVENTION INCLUDING AND NOT LIMITED TO CREATION OF THE SWPPP DOCUMENT; FDEP NPDES APPLICATION INCLUDING FEE, REPORTING, TERMINATION; AND INSTALLATION, MAINTENANCE AND REMOVAL OF TEMPORARY MEASURES.
2. CONTRACTOR MUST BE RESPONSIBLE FOR THE INSTALLATION (PRIOR TO CONSTRUCTION) AND MAINTENANCE/REPAIRS OF (DURING CONSTRUCTION) EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENT AND EROSION ON THE SITE OF DEVELOPMENT. THE PROVISIONS SHOWN HEREIN REPRESENT THE MINIMUM EROSION CONTROL MEASURES TO BE TAKEN.
3. ALL AREAS OF DISTURBANCE MUST BE TREATED TO PREVENT THE GENERATION OF DUST.
4. AT THE TIME OF SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT PERMANENT COVER MUST BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR PERMANENT COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION MUST BE EMPLOYED (I.E. EROSION CONTROL FABRIC, RIP-RAP, ETC.).
5. THE CONTRACTOR MUST MAKE REGULAR INSPECTIONS OF ALL CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PROCESS TO ENSURE THE OVERALL EFFECTIVENESS OF THE EROSION AND SEDIMENT CONTROL PLAN. AT A MINIMUM, INSPECTIONS MUST OCCUR AT LEAST ONCE A WEEK AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A STORM EVENT THAT IS ONE-HALF (0.50) INCH OR GREATER. ALL INSPECTIONS MUST BE DOCUMENTED.
6. IN THE EVENT THAT AN ON-SITE INSPECTION BY ANY PARTY REVEALS A DEFICIENCY IN THE INSTALLATION AND/OR MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE IMMEDIATE REMEDIATION OF THE PROBLEM.
7. FAILURE TO COMPLY WITH THE REQUIRED EROSION AND SEDIMENT CONTROL GUIDELINES MAY RESULT IN FINES LEVIED BY GOVERNMENTAL AGENCIES. ANY FINES SUFFERED DUE TO NON-COMPLIANCE WILL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.

SEQUENCE OF EROSION AND SEDIMENT CONTROL MEASURES IMPLEMENTATION SITE PREPARATION

1. PRIOR TO ANY SOIL DISTURBANCE, SILT FENCE MUST BE INSTALLED ALONG ENTIRE DOWN-GRADE PERIMETER OF PLANNED DISTURBANCE AS SHOWN IN PLANS AND DETAILS, OR BY EQUIVALENT MEASURES. SILT FENCE MUST REMAIN IN PLACE UNTIL ALL UP-GRADE AREAS OF DISTURBANCE HAVE BEEN PERMANENTLY STABILIZED.
2. A PROPER CONSTRUCTION ENTRANCE MUST BE ESTABLISHED AT ALL POINTS OF INGRESS/EGRESS FROM CONSTRUCTION SITE, PER DETAIL PROVIDED IN THE PLANS, OR BY EQUIVALENT MEASURES. ALL CONSTRUCTION ENTRANCES MUST REMAIN IN PLACE UNTIL INGRESS/EGRESS FROM THE SITE AT THAT POINT HAS STOPPED.

CLEARING AND GRUBBING

1. ALL DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN FOURTEEN (14) DAYS, AND ARE NOT SUBJECT TO CONSTRUCTION TRAFFIC, MUST RECEIVE A TEMPORARY SEEDING IMMEDIATELY UPON DISTURBANCE. IF THE SEASON PREVENTS ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREA WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE.
2. ALL DISTURBED AREAS THAT ARE SUBJECT TO HIGH AMOUNTS OF EROSION (I.E. STEEP SLOPES, EMBANKMENTS GREATER THAN 3:1, OR OTHER AS DICTATED BY SITE CONDITIONS) MUST IMMEDIATELY RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH MULCHING WITH STRAW, OR EQUIVALENT MATERIAL, AT A THICKNESS OF TWO (2) TO FOUR (4) INCHES MIXED WITH THE TOP TWO (2) INCHES OF SOIL.
3. ALL DISTURBED AREAS MUST, AS A MINIMUM, BE MAINTAINED BY WATER TO MINIMIZE THE GENERATION OF DUST.

SITE GRADING

1. THE SITE MUST, AT ALL TIMES, BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS CONTROLLED BY EROSION AND SEDIMENT CONTROL MEASURES.
2. ALL AREAS USED FOR MATERIAL STOCKPILE, BE IT FILL/EXCAVATED MATERIALS, STONE, OR OTHERWISE, ARE TO BE STABILIZED, AND MUST HAVE SILT FENCE INSTALLED PER THE DETAILS PROVIDED IN THE PLANS, OR BY EQUIVALENT MEASURES, AROUND THEIR ENTIRE DOWNGRADE PERIMETER.

INSTALLATION OF STORM SEWER AND UTILITIES

1. TEMPORARY OUTLET PROTECTION MUST BE INSTALLED AT ALL PROPOSED STORM WATER OUTFALLS PRIOR TO THE INSTALLATION OF THE DRAINAGE SYSTEM.
2. ALL SITE DRAINAGE, INCLUDING ROOF DRAINS, DOWN SPOUTS, GUTTERS, OR OTHERWISE MUST BE ROUTED TO CARRY ALL STORM WATER AWAY FROM BUILDINGS, PADS, WALKS OR SIMILAR, AND TOWARD STORM WATER COLLECTION AND CONVEYANCE INFRASTRUCTURE.
3. ANY SLOPES GREATER THAN 3:1 (H:V) RECEIVING PIPELINE OR UTILITY INSTALLATION MUST BE BACKFILLED AND STABILIZED DAILY AS THE INSTALLATION PROCEEDS.

FINAL SITEWORK

1. PERMANENT SOD MUST BE INSTALLED ON ALL EXPOSED AREAS WITHIN THREE (3) DAYS AFTER FINAL GRADING.
2. UPON COMPLETION OF CONSTRUCTION, BUT PRIOR TO FINAL ACCEPTANCE, ALL CONSTRUCTION WASTE AND DEBRIS MUST BE REMOVED FROM THE SITE AND ALL PAVED ROADWAYS AND/OR PARKING AREAS MUST BE SWEPT CLEAN OF ALL SEDIMENT.
3. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES MUST REMAIN IN PLACE AND BE MAINTAINED UNTIL SUCH TIME WHEN ALL UP-GRADE AREAS HAVE BEEN PERMANENTLY STABILIZED.

GENERAL NOTES

1. ALL CONSTRUCTION MUST BE COMPLETED IN ACCORDANCE WITH SECTION 423 OF THE FLORIDA BUILDING CODE, STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES, LATEST EDITION AND ALL OTHER APPLICABLE CODES AND SPECIFICATIONS FOR BUILDING AND UTILITY INSTALLATION.
2. IN CASE OF A DISCREPANCY ON THESE DRAWINGS OR BETWEEN THESE DRAWINGS AND CONDITIONS IN THE FIELD, THE MORE STRINGENT REQUIREMENT MUST BE MET. REPORT ANY DISCREPANCY TO ENGINEER PRIOR TO ACTION.
3. THE CONTRACTOR MUST BE RESPONSIBLE FOR SODDING ALL AREAS INDICATED ON THE PLANS AND ALL OTHER EXISTING AREAS WHICH ARE DISTURBED AS A RESULT OF CONSTRUCTION ACTIVITIES, WHETHER SUCH AREAS AND OR ACTIVITIES ARE INDICATED ON THE PLANS OR NOT.
4. LOCATIONS AND ELEVATIONS OF UTILITIES SHOWN ON PLANS ARE TO BE CONSIDERED APPROXIMATE ONLY. THE CONTRACTOR MUST EMPLOY THE USE OF GROUND PENETRATING RADAR (GPR) EQUIPMENT BY A QUALIFIED COMPANY AND PERSONNEL TO LOCATE, IDENTIFY AND PROTECT EXISTING UNDERGROUND UTILITIES IN THE AREA OF WORK. ANY UTILITIES SPOTTED MUST BE DRAWN ON THE SITE PLAN PROVIDED BY THE ARCHITECT/ENGINEER AND SUBMITTED AS PART OF THE AS BUILT DRAWINGS. COST OF GPR LOCATES MUST BE INCLUDED IN THE CONTRACTOR'S BASE BID. NOTIFY UTILITY AND ARCHITECT/ENGINEER OF CONFLICTS BETWEEN EXISTING AND PROPOSED FACILITIES.
5. DAMAGE TO EXISTING SIDEWALKS, ASPHALT OR OTHER IMPROVEMENTS DURING CONSTRUCTION WILL REQUIRE REPAIR AND/OR REPLACEMENT.
6. THE CONTRACTOR MUST COMPLY WITH ALL FEDERAL AND STATE REGULATIONS CONCERNING NOTIFICATION TO THE REGULATORY AUTHORITIES OF ANY AND ALL BUILDING RENOVATIONS AND/OR DEMOLITION.
7. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH REDLINED DRAWINGS FOR THE ENGINEER'S USE IN PREPARING AS-BUILT CERTIFICATIONS AND AS-BUILT RECORD DRAWINGS FOR THE OWNER. AS-BUILT INFORMATION MUST INCLUDE BUT NOT BE LIMITED TO: ROUTING OF ALL EXISTING AND PROPOSED UNDERGROUND UTILITIES WITH DISTANCES TO/LOCATIONS OF LINES, BENDS, FITTINGS, STRUCTURES, AND OTHER APPURTENANCES MEASURED FROM AT LEAST TWO FIXED POINTS; TOP, BOTTOM, AND PIPE INVERT ELEVATIONS OF ALL STORM WATER AND SANITARY SEWER STRUCTURES, INCLUDING CLEANOUTS, RELATIVE TO FINISHED FLOOR OR ANOTHER FIXED EXISTING ELEVATION; REVISIONS TO SITE LAYOUT DEPICTED IN THE PLANS.
8. CONTRACTOR IS RESPONSIBLE FOR PROTECTION AND MAINTENANCE OF EXISTING IRRIGATION SYSTEM. CONTRACTOR IS RESPONSIBLE FOR HIS OWN INVESTIGATION OF THE EXACT CONDITIONS OF THE EXISTING SYSTEM PRIOR TO DISRUPTION, INCLUDING LOCATION OF HEADS, ZONES, TIMERS, CONTROL VALVES, ETC. SCHOOL DISTRICT PERSONNEL WILL BE MADE AVAILABLE FOR ASSISTANCE DURING THIS INVESTIGATION. CONTRACTOR MUST SUBMIT, TO THE ENGINEER, A PRE-WORK REPORT DETAILING HIS FINDINGS. FAILURE TO SUBMIT THIS REPORT WILL EQUAL AN ASSUMPTION OF A FULLY FUNCTIONAL SYSTEM, AND ANY PROBLEMS DISCOVERED DURING FINAL INSPECTION WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

SITE DATA SUMMARY

PROP. REF. NO.	34-2N-28-0000-09100-0000
PARCEL AREA	23.41 ACRES (1,019,740 SF)
STREET ADDRESS	1500 WOODLAWN WAY GULF BREEZE, FL 32563
CURRENT USE	PUBLIC SCH
ZONING R1 FUTURE LAND USE FLOOD ZONE	SFR (SINGLE FAMILY RESIDENTIAL) THE PARCELS SHOWN IS LOCATED WITHIN THE FOLLOWING FLOOD ZONE(S) AS DETAILED BY FEMA FORM (FLOOD INSURANCE RATE MAP) INFORMATION DESCRIBED BELOW:

FLOOD ZONE (S)	NFIP COMMUNITY NUMBER*	MAP NUMBER*	PANEL NUMBER(S)	MAP SUFFIX*	MAP REVISION DATE*
X	120274	12113C	0544	G	DECEMBER 19, 2006

VICINITY MAP

SECTION 34, TOWNSHIP 2N, RANGE 28W

CURRENT PROPERTY OWNER

TIM WYROSDICK, SUPERINTENDENT
SANTA ROSA COUNTY SCHOOL BOARD
5086 CANAL ST
MILTON, FL 32570

DEVELOPER / PROJECT OWNER

JOEY HARRELL, ASST SUPT FOR ADMIN SVCS
SANTA ROSA COUNTY SCHOOL BOARD
6544 FIREHOUSE ROAD
MILTON, FL 32570

Sheet List Table	
Sheet Number	Sheet Title
C0.0	NOTES AND INFORMATION
C1.0	EXISTING SITE CONDITIONS
C2.0	SITE DEMOLITION PLAN
C3.0	SITE IMPROVEMENTS PLAN
C4.0	SITE LAYOUT AND GRADING PLAN
C5.0	SITE CONSTRUCTION DETAILS
C6.0	SITE CONSTRUCTION DETAILS

NOTES AND INFORMATION

jhi jehle-halstead, inc.
Civil Engineering and Surveying
1206 N. Palafox Street • Pensacola, Florida 32501
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Certificate of Authorization No. 00004869
Surveying License Number LB7483

WOODLAWN BEACH MIDDLE SCHOOL
BASEKETBALL & DRAINAGE REHAB

SANTA ROSA COUNTY ~ FLORIDA

NOTES AND INFORMATION

PHASE I
NOT FOR CONST.

D. PATRICK JEHLE JR.
P.E. 71528

Revisions	
Date	Description

Designed By: DPJJ/JDG
Drawn By: GPE/JDG
Checked By: DPJJ
Job No.: 180045
Date: 11/05/2018
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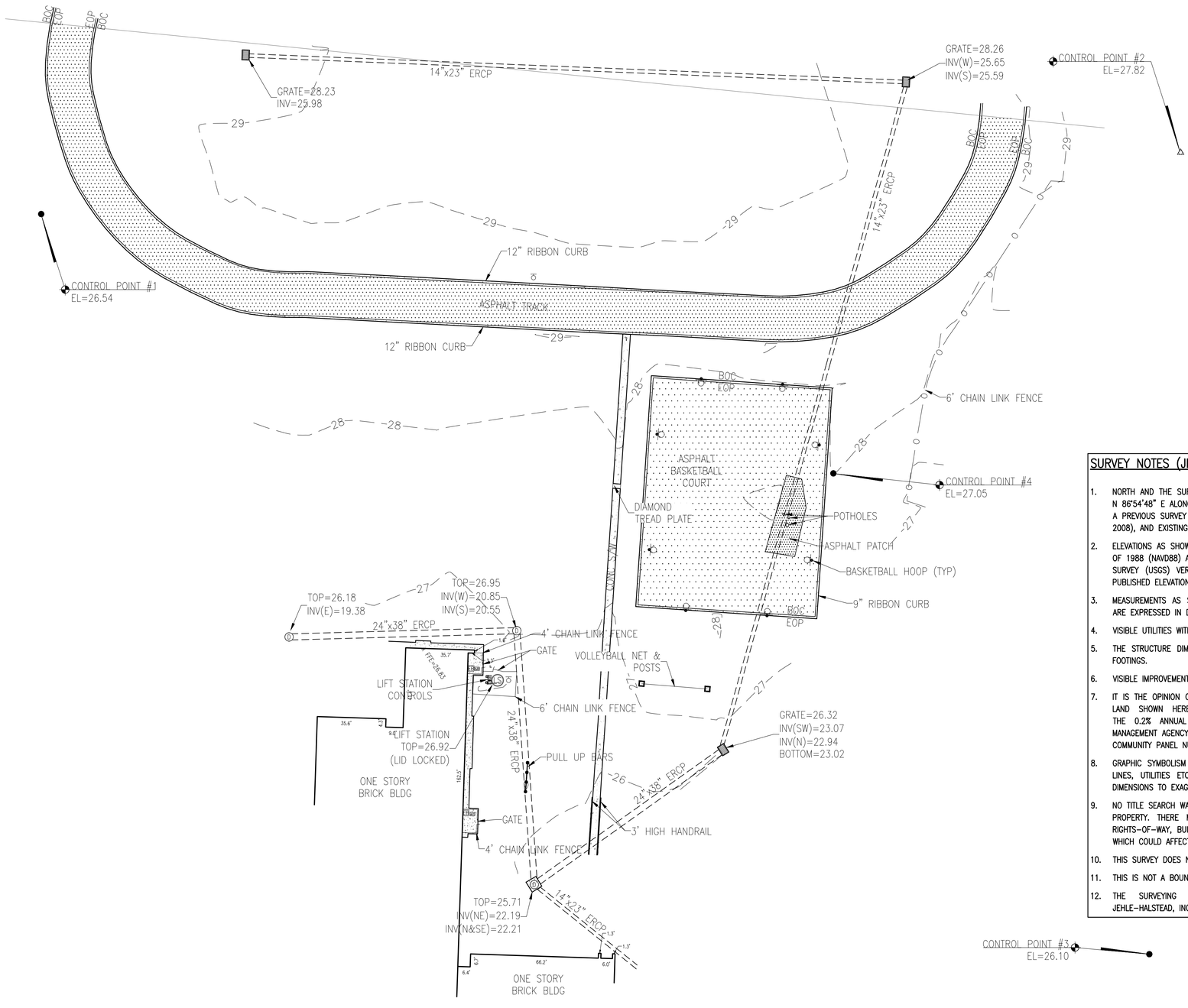
Sheet No.: C0.0



EXISTING SITE CONDITIONS

SURVEY NOTES (JHI PROJECT# 180045):

1. NORTH AND THE SURVEY DATUM SHOWN HEREON IS REFERENCED TO THE BEARING OF N 86°54'48" E ALONG THE SURVEY CONTROL BASE LINE AND IS BASED ON A COPY OF A PREVIOUS SURVEY BY SOUTHERN SURVEYING, INC., (PROJECT #08-040, DATED APRIL 2008), AND EXISTING FIELD MONUMENTATION.
2. ELEVATIONS AS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND ARE REFERENCED TO THE UNITED STATES COAST AND GEODETIC SURVEY (USGS) VERTICAL CONTROL NETWORK BENCH MARK D-26 RESET HAVING A PUBLISHED ELEVATION OF 28.80 FEET.
3. MEASUREMENTS AS SHOWN HEREON WERE MADE TO UNITED STATES STANDARDS AND ARE EXPRESSED IN DECIMAL OF FEET.
4. VISIBLE UTILITIES WITHIN THE SURVEY LIMITS ARE AS SHOWN HERON.
5. THE STRUCTURE DIMENSIONS DO NOT INCLUDE THE EAVE OVERHANG OR FOUNDATION FOOTINGS.
6. VISIBLE IMPROVEMENTS ARE AS SHOWN HEREON.
7. IT IS THE OPINION OF THE UNDERSIGNED SURVEYOR & MAPPER THAT THE PARCEL OF LAND SHOWN HEREON IS IN ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, BASED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP FOR SANTA ROSA COUNTY, FLORIDA, COMMUNITY PANEL NUMBER 12113C0554G, EFFECTIVE DATE OF DECEMBER 19, 2006.
8. GRAPHIC SYMBOLISM FOR FEATURES SUCH AS MONUMENTATION, FENCES, TREES, TREE LINES, UTILITIES ETCETERA MAY BE EXAGGERATED IN SIZE FOR CLARITY PURPOSES. DIMENSIONS TO EXAGGERATED FEATURES WILL SUPERSEDE SCALED MEASUREMENTS.
9. NO TITLE SEARCH WAS PERFORMED BY NOR PROVIDED TO THIS FIRM FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, BUILDING SETBACKS, RESTRICTIVE COVENANTS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OR USE OF THE SUBJECT PROPERTY.
10. THIS SURVEY DOES NOT REPRESENT NOR GUARANTEE OWNERSHIP.
11. THIS IS NOT A BOUNDARY SURVEY.
12. THE SURVEYING BUSINESS CERTIFICATE OF AUTHORIZATION NUMBER FOR JEHLE-HALSTEAD, INC. IS LB7483

LEGEND:

●	FOUND 1/2" DIA IRON ROD (UNNUMBERED)
△	FOUND MAGNETIC NAIL & DISK (UNNUMBERED)
	BENCHMARK
—o—	CHAIN LINK FENCE
- - -	SURVEY LIMITS
Ⓓ	STORMWATER MANHOLE
	DROP INLET
ō	IRRIGATION VALVE
EB	ELECTRIC BOX
ELEC	ELECTRIC PANEL
A/C	AIR CONDITIONER
▫	METAL OR WOOD POST
+ 6.00	SPOT ELEVATION
100	ELEVATION CONTOUR LINE AT ONE FOOT INTERVALS

BOC	BACK OF CURB
BLDG	BUILDING
BM	BENCHMARK
DIA	DIAMETER
ERCP	ELLIPTICAL REINFORCED CONCRETE PIPE
EOP	EDGE OF PAVEMENT
EL	ELEVATION
(F)	FIELD INFORMATION
FFE	FINISHED FLOOR ELEVATION
INV	INVERT
NO.	NUMBER
S/W	SIDEWALK
(TYP)	TYPICAL FEATURE

CONCRETE

ASPHALT

ENGINEERING ABBREVIATIONS

A.L.	APPROXIMATE LOCATION
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
CONC.	CONCRETE
COORD.	COORDINATE
ELEC.	ELECTRICAL
EX./EXIST.	EXISTING
ELEV.	ELEVATION
FFE.	FINISHED FLOOR ELEVATION
INV.	INVERT
LAND.	LANDSCAPING
MAX.	MAXIMUM
MIN.	MINIMUM
PLUMB.	PLUMBING
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SANTA ROSA COUNTY ~ FLORIDA

EXISTING SITE CONDITIONS

PHASE I
NOT FOR CONST.

D. PATRICK JEHLE JR.
P.E. 71523

Revisions

Date	Description

Designed By: DPJJ/JDG
Drawn By: GPE/JDG
Checked By: DPJJ
Job No.: 180045
Date: 11/05/2018
Scale: AS SHOWN
Sheet No.: C1.0

GRATE=28.23
INV=25.98

14"x23" ERCP

GRATE=28.26
INV(W)=25.65
INV(S)=25.59

12" RIBBON CURB

ASPHALT

12" RIBBON CURB

REMOVE ERCP FROM APPROXIMATE JOINT LOCATION SHOWN TO DOWNSTREAM INLET. COORDINATE WITH SHEET C3.0

SAWCUT AND REMOVE EXISTING CONCRETE CURB AND ASPHALT BASKETBALL COURT TO APPROX. LIMITS SHOWN

ANY TEMPORARY STOCKPILE/LAYDOWN AREA MUST HAVE ITS DOWNGRADE PERIMETERS PROTECTED WITH SILT FENCE AT ALL TIMES. COORDINATE SIZE(S) AND LOCATION(S) OF SUCH AREAS IN THE FIELD

SAWCUT AND REMOVE EXISTING CONCRETE SIDEWALK TO FACILITATE NEW ERCP INSTALLATION. COORD. WITH SHEET C3.0

BOC
EOP

ASPHALT BASKETBALL

PROTECT

DIAMOND TREAD PLATE

CONC S/W

6' CHAIN LINK FENCE

NEW SILT FENCE WITH HAYBALES, SEE 3,4/C6.0 (TYP.)

POTHOLES

ASPHALT PATCH

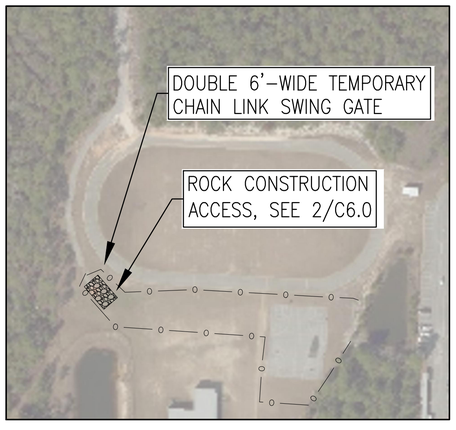
BASKETBALL HOOP (TYP)

9" RIBBON CURB

BOC
EOP

REMOVE EXISTING BASKETBALL GOALS. STORE AND PROTECT ON-SITE

TEMPORARY 6' CHAIN LINK CONSTRUCTION FENCE WITH DOUBLE 6'-WIDE SWING GATE, SEE 6/C6.0



TOP=26.18
INV(E)=19.38

TOP=26.95
INV(W)=20.85
INV(S)=20.55

24"x38" ERCP

4' CHAIN LINK FENCE

GATE

VOLLEYBALL NET & POSTS

LIFT STATION CONTROLS

FFE=26.83

6' CHAIN LINK FENCE

INLET PROTECTION, SEE 1/C6.0 (TYP.)

GRATE=26.32
INV(SW)=23.07
INV(N)=22.94
BOTTOM=23.02

LIFT STATION
TOP=26.92
(LID LOCKED)

24"x38" ERCP

PULL UP BARS

ONE STORY BRICK BLDG

24"x38" ERCP

0' 10' 20' 40'
SCALE IN FEET

N

SITE DEMOLITION PLAN

LEGEND:

- FOUND 1/2" DIA IRON ROD (UNNUMBERED)
- FOUND MAGNETIC NAIL & DISK (UNNUMBERED)
- BENCHMARK
- CHAIN LINK FENCE
- SURVEY LIMITS
- STORMWATER MANHOLE
- DROP INLET
- IRRIGATION VALVE
- ELECTRIC BOX
- ELECTRIC PANEL
- AIR CONDITIONER
- METAL OR WOOD POST
- + 6.00 SPOT ELEVATION
- 100 ELEVATION CONTOUR LINE AT ONE FOOT INTERVALS

BOC	BACK OF CURB
BLDG	BUILDING
BM	BENCHMARK
DIA	DIAMETER
ERCP	ELLIPTICAL REINFORCED CONCRETE PIPE
EOP	EDGE OF PAVEMENT
EL	ELEVATION
(F)	FIELD INFORMATION
FFE	FINISHED FLOOR ELEVATION
INV	INVERT
NO.	NUMBER
S/W	SIDEWALK
(TYP)	TYPICAL FEATURE

- CONCRETE
- ASPHALT

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SANTA ROSA COUNTY ~ FLORIDA

SITE DEMOLITION PLAN

PHASE I
NOT FOR CONST.

D. PATRICK JEHLE JR.
P.E. 71526

Revisions	
Date	Description

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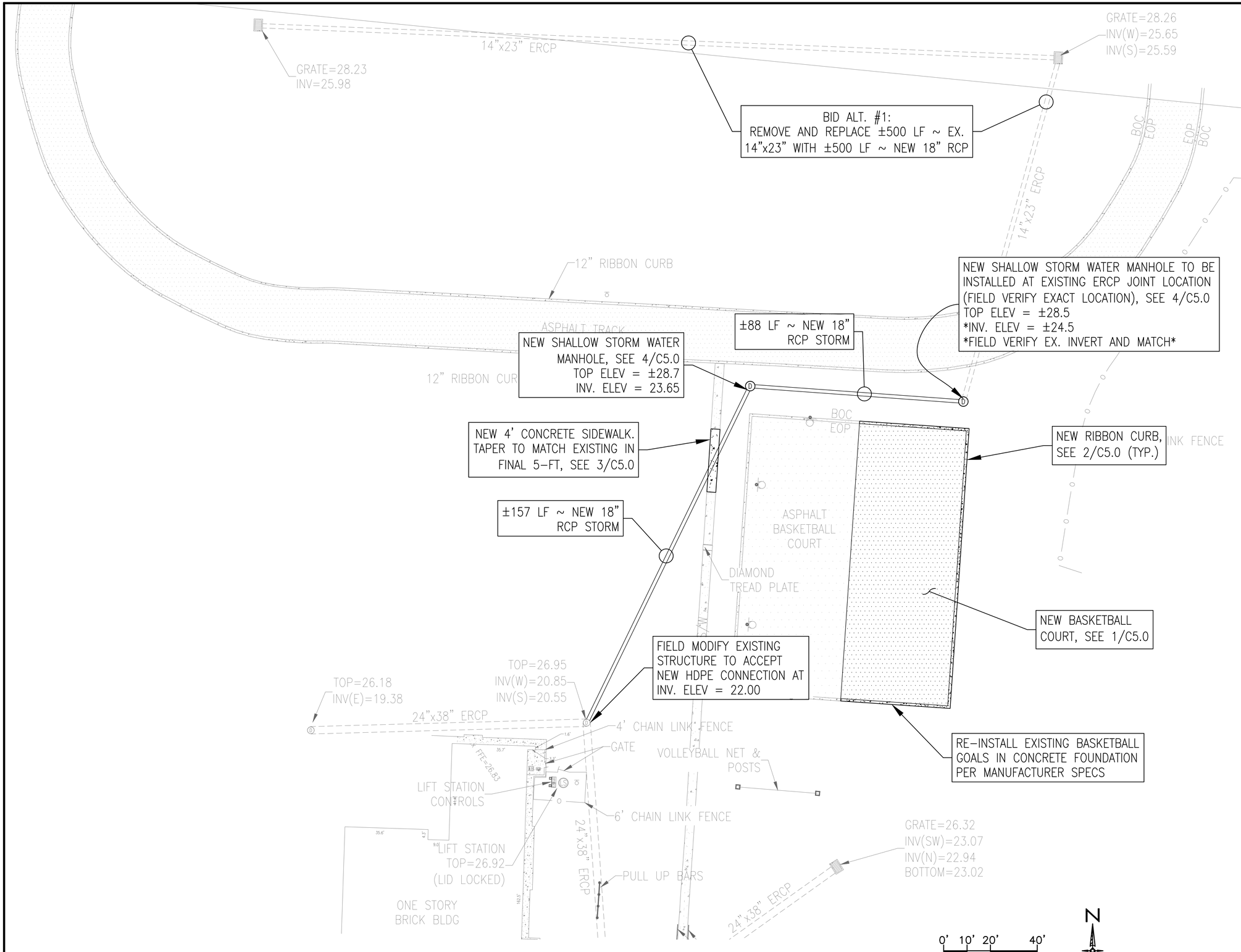

SITE IMPROVEMENTS PLAN

LEGEND:

- FOUND 1/2" DIA IRON ROD (UNNUMBERED)
- FOUND MAGNETIC NAIL & DISK (UNNUMBERED)
- BENCHMARK
- CHAIN LINK FENCE
- SURVEY LIMITS
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MAX.	MAXIMUM
MIN.	MINIMUM
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SANTA ROSA COUNTY ~ FLORIDA

SITE IMPROVEMENTS PLAN

PHASE I
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D. PATRICK JEHLE JR.
P.E. 71525

Revisions

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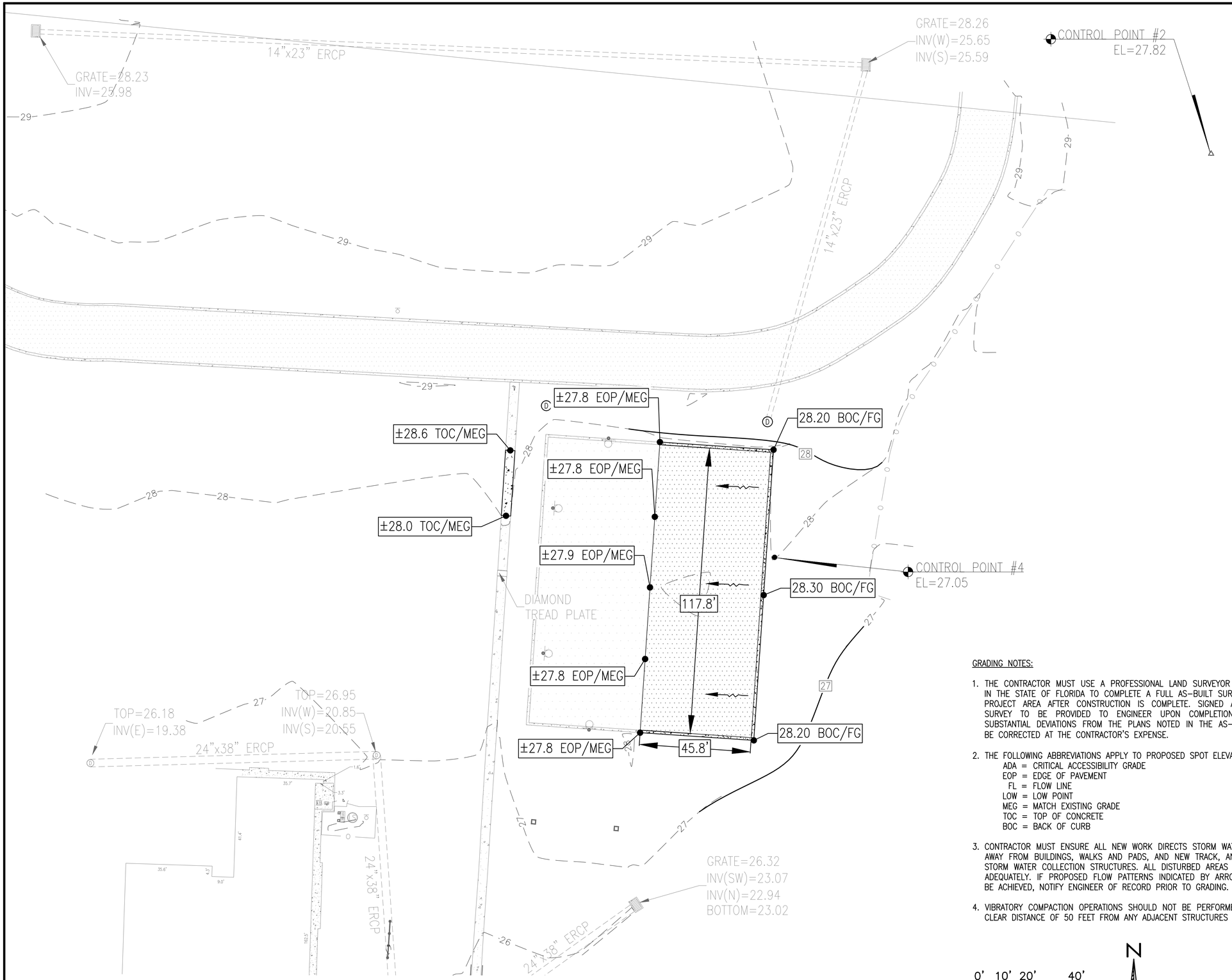

SITE LAYOUT AND GRADING PLAN

0' 10' 20' 40'
SCALE IN FEET

N

GRADING NOTES:

1. THE CONTRACTOR MUST USE A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO COMPLETE A FULL AS-BUILT SURVEY OF THE PROJECT AREA AFTER CONSTRUCTION IS COMPLETE. SIGNED AND SEALED SURVEY TO BE PROVIDED TO ENGINEER UPON COMPLETION AND ANY SUBSTANTIAL DEVIATIONS FROM THE PLANS NOTED IN THE AS-BUILT MUST BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

2. THE FOLLOWING ABBREVIATIONS APPLY TO PROPOSED SPOT ELEVATIONS:
   ADA = CRITICAL ACCESSIBILITY GRADE
   EOP = EDGE OF PAVEMENT
   FL = FLOW LINE
   LOW = LOW POINT
   MEG = MATCH EXISTING GRADE
   TOC = TOP OF CONCRETE
   BOC = BACK OF CURB

3. CONTRACTOR MUST ENSURE ALL NEW WORK DIRECTS STORM WATER RUNOFF AWAY FROM BUILDINGS, WALKS AND PADS, AND NEW TRACK, AND TOWARDS STORM WATER COLLECTION STRUCTURES. ALL DISTURBED AREAS MUST DRAIN ADEQUATELY. IF PROPOSED FLOW PATTERNS INDICATED BY ARROWS CANNOT BE ACHIEVED, NOTIFY ENGINEER OF RECORD PRIOR TO GRADING.

4. VIBRATORY COMPACTION OPERATIONS SHOULD NOT BE PERFORMED WITHIN A CLEAR DISTANCE OF 50 FEET FROM ANY ADJACENT STRUCTURES

LEGEND:

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—0—	CHAIN LINK FENCE
- - -	SURVEY LIMITS
Ⓓ	STORMWATER MANHOLE
	DROP INLET
☼	IRRIGATION VALVE
EB	ELECTRIC BOX
ELEC	ELECTRIC PANEL
A/C	AIR CONDITIONER
▫	METAL OR WOOD POST
+ 6.00	SPOT ELEVATION
— 100 —	ELEVATION CONTOUR LINE AT ONE FOOT INTERVALS
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BLDG	BUILDING
BM	BENCHMARK
DIA	DIAMETER
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INV	INVERT
NO.	NUMBER
S/W	SIDEWALK
(TYP)	TYPICAL FEATURE
	CONCRETE
	ASPHALT

ENGINEERING ABBREVIATIONS

A.L.	APPROXIMATE LOCATION
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
CONC.	CONCRETE
COORD.	COORDINATE
ELEC.	ELECTRICAL
EX./EXIST.	EXISTING
ELEV.	ELEVATION
FFE.	FINISHED FLOOR ELEVATION
INV.	INVERT
LAND.	LANDSCAPING
MAX.	MAXIMUM
MIN.	MINIMUM
PLUMB.	PLUMBING
TYP.	TYPICAL

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Surveying License Number LB7483

WOODLAWN BEACH MIDDLE SCHOOL
BASEKETBALL & DRAINAGE REHAB

SANTA ROSA COUNTY ~ FLORIDA

SITE LAYOUT AND GRADING PLAN

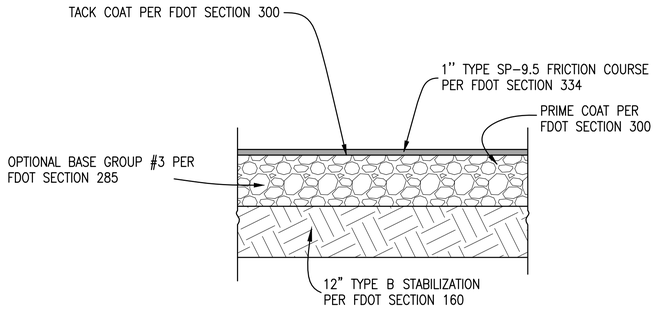
PHASE I
NOT FOR CONST.

D. PATRICK JEHLE JR.
P.E. 71528

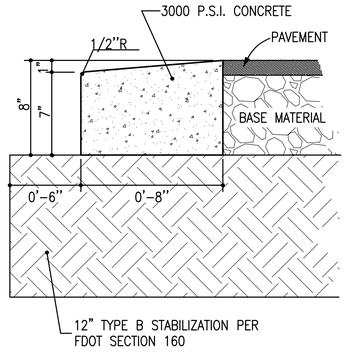
Revisions

Date	Description

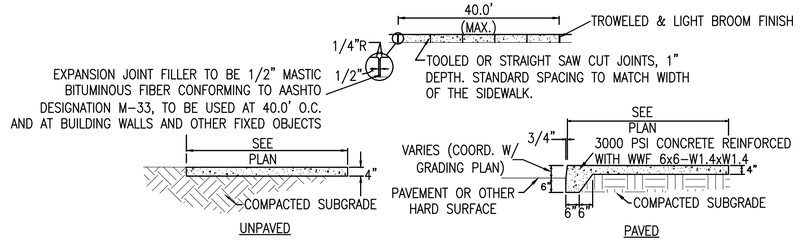
Designed By: DPJJ/JDG
Drawn By: GPE/JDG
Checked By: DPJJ
Job No.: 180045
Date: 11/05/2018
Scale: AS SHOWN
Sheet No.: C4.0



BASKETBALL COURT PAVING SECTION (1 / C5.0)
NOT TO SCALE

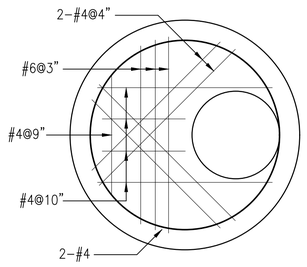


CONCRETE RIBBON CURB (2 / C5.0)
NOT TO SCALE

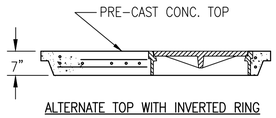


1. MAXIMUM CROSS SLOPE OF 2%.
2. MAXIMUM SURROUNDING GRADES 3% IN FIRST 5 FEET.
3. SEE SECTION 02750 CONCRETE PAVING FOR DETAILED REINFORCEMENT AND JOINT REQUIREMENTS.

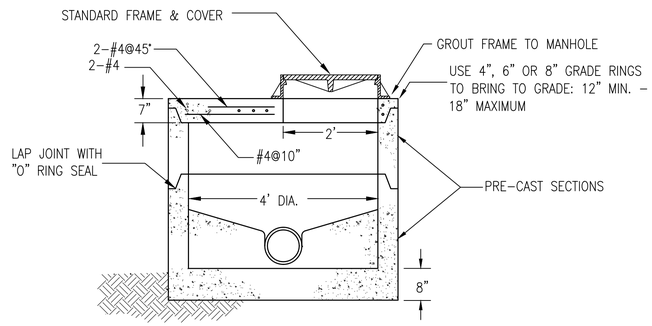
CONCRETE SIDEWALK (3 / C5.0)
NOT TO SCALE



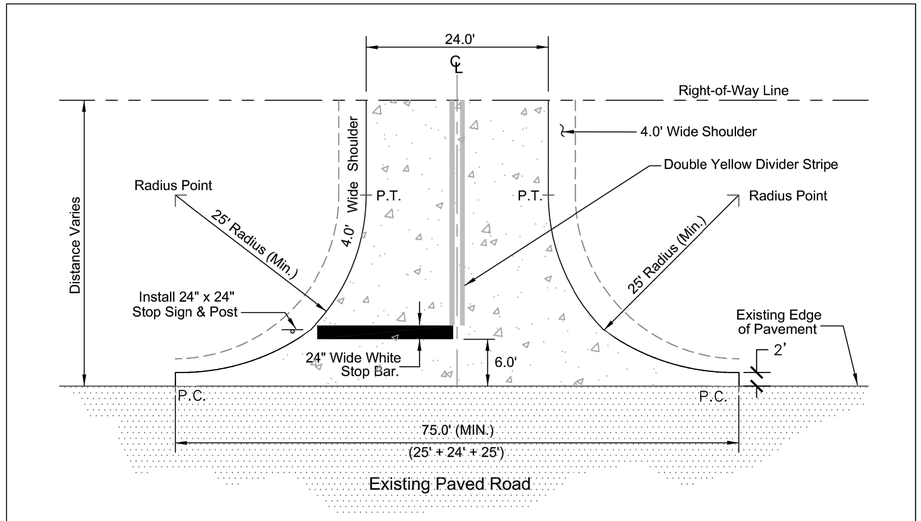
TOP REINFORCING



ALTERNATE TOP WITH INVERTED RING



SHALLOW STORM MANHOLE (4 / C5.0)
NOT TO SCALE



General Notes:
* Concrete Shall Be 6" Thick, 3000 PSI Fibermesh.
* Must Have Minimum 4.0' Wide Shoulder Along Driveway.
* All Striping Must Be Thermoplastic.
* Add Driveway Culvert As Needed. Match Adjacent Pipe Size.

TYPICAL COMMERCIAL DRIVEWAY
NOT TO SCALE

Sheet 1 of 1

TYPICAL DRIVEWAY DETAIL (5 / C5.0)
NOT TO SCALE

SITE CONSTRUCTION DETAILS

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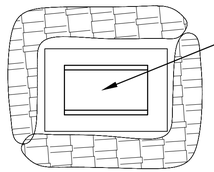
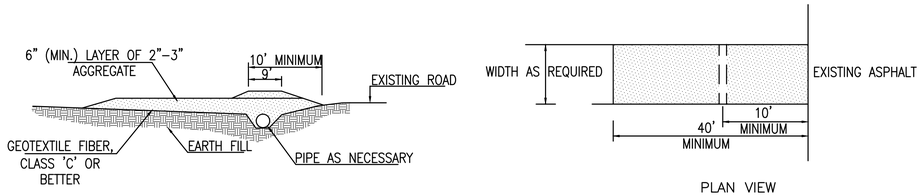


INSTALL FILTER FABRIC UNDER INLET GRATE IMMEDIATELY UPON INSTALLATION. REMOVE AND REPLACE WITH NEW FABRIC REGULARLY TO MAINTAIN FLOW AND REDUCE SEDIMENT ACCUMULATION.

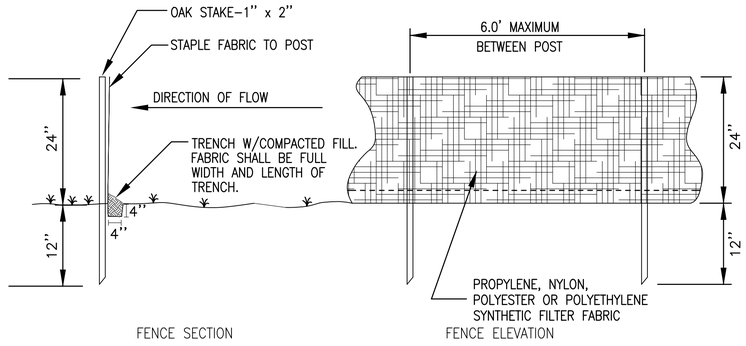
NOTE:
SYNTHETIC BALES OR SEDIMENT LOG SHALL BE PLACED AT COMMENCEMENT OF CONSTRUCTION OR IMMEDIATELY AFTER INLET INSTALLATION AND MAINTAINED THROUGHOUT PROJECT COMPLETION AND STABILIZATION.

STORM WATER INLET PROTECTION (1 / C6.0)
NOT TO SCALE

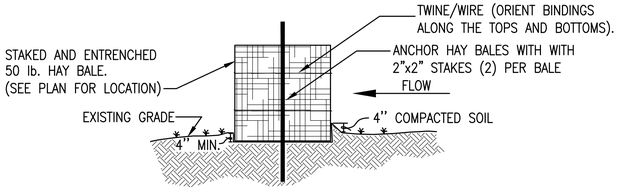


NOTES:
1. CONSTRUCTION ENTRANCES PROVIDE AN AREA WHERE MUD CAN BE REMOVED FROM VEHICLE TIRES BEFORE THEY LEAVE THE CONSTRUCTION SITE. THE MOTION OF THE VEHICLE AS IT MOVES OVER THE GRAVEL CONSTRUCTION MATERIAL DISLODGES CAKED MUD.
2. IF THE ACTION OF THE VEHICLE ON THE GRAVEL PAD IS NOT SUFFICIENT TO DISLODGE MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLE LEAVES THE SITE.
3. UTILIZE GRAVEL, 2"-3" (MIN.) IN DIAMETER. GRAVEL LAYER SHOULD BE AT LEAST 6" THICK. THE PAD SHOULD BE AT LEAST 50' LONG. WIDTH SHOULD BE APPROPRIATE TO VEHICLE SIZE.

ROCK CONSTRUCTION ACCESS (2 / C6.0)
NOT TO SCALE

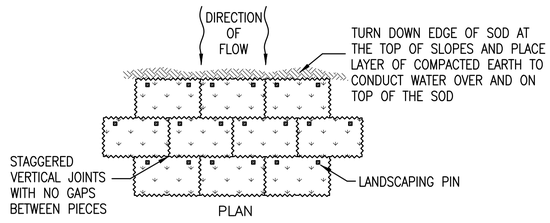


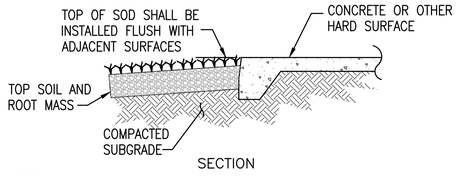
SILTATION FENCE (3 / C6.0)
NOT TO SCALE



CONSTRUCTION SPECIFICATION
BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE ON THE CONTOUR, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING EACH OTHER. ALL BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED. THE BARRIER SHALL BE ENTRENCHED AND BACKFILLED. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE TO FORCE THE BALES TOGETHER. THE GAPS BETWEEN BALES SHALL BE CHINKED (FILLED BY WEDGING) WITH STRAW.

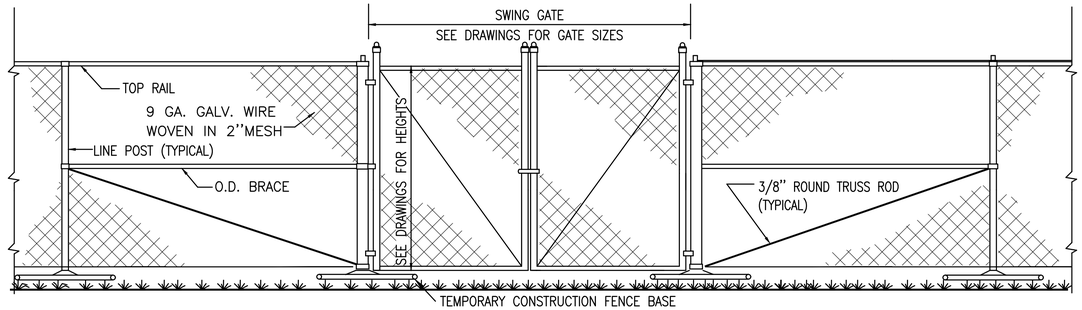
HAYBALE INSTALLATION (4 / C6.0)
NOT TO SCALE





NOTES:
1. SEE WRITTEN SPECIFICATIONS FOR FULL DETAILS.
2. PLACE SOD BEGINNING AT THE TOE OF THE SLOPE AND LONG EDGE PERPENDICULAR TO DIRECTION OF FLOW.
3. SOD SHALL BE PINNED ON ALL SLOPES 4:1 OR STEEPER, IN AREAS OF CONCENTRATED DRAINAGE FLOWS, AND ANYWHERE THAT THERE IS DANGER OF SOD SLIPPING.
4. INSTALL SOD EDGES FLUSH WITH FINISHED GRADE OR ADJOINING SOD.

SODDING DETAIL (5 / C6.0)
NOT TO SCALE



TEMPORARY CHAIN LINK FENCE AND GATES (6 / C6.0)
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