EROSION AND SEDIMENT CONTROL NOTES

- 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.
- 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.
- ALL AREAS OF DISTURBANCE MUST BE TREATED TO PREVENT THE GENERATION OF DUST
- 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.)
- 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.
- 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

- 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.
- 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

- 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.
- 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.
- ALL DISTURBED AREAS MUST, AS A MINIMUM, BE MAINTAINED BY WATER TO MINIMIZE THE GENERATION OF DUST.

SITE GRADING

- THE SITE MUST. AT ALL TIMES. BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS CONTROLLED BY EROSION AND SEDIMENT CONTROL MEASURES
- 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

- TEMPORARY OUTLET PROTECTION MUST BE INSTALLED AT ALL PROPOSED STORM WATER OUTFALLS PRIOR TO THE INSTALLATION OF THE DRAINAGE SYSTEM
- 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.
- 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

- PERMANENT SOD MUST BE INSTALLED ON ALL EXPOSED AREAS WITHIN THREE (3) DAYS AFTER FINAL GRADING.
- 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
- 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

- 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.
- 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.
- 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.
- DAMAGE TO EXISTING SIDEWALKS, ASPHALT OR OTHER IMPROVEMENTS DURING CONSTRUCTION WILL REQUIRE REPAIR AND/OR REPLACEMENT
- 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.
- 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.
- 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. PARCEL AREA

34-2N-28-0000-09100-0000 23.41 ACRES (1,019,740 SF)

STREET ADDRESS

1500 WOODLAWN WAY GULF BREEZE, FL 32563

PUBLIC SCH

CURRENT USE

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*
Х	120274	12113C	0544	G	DECEMBER 19, 2006



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 Index					
Sheet No.	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 CONSTRUCTION DETAILS				
C5.0	SITE CONSTRUCTION DETAILS				

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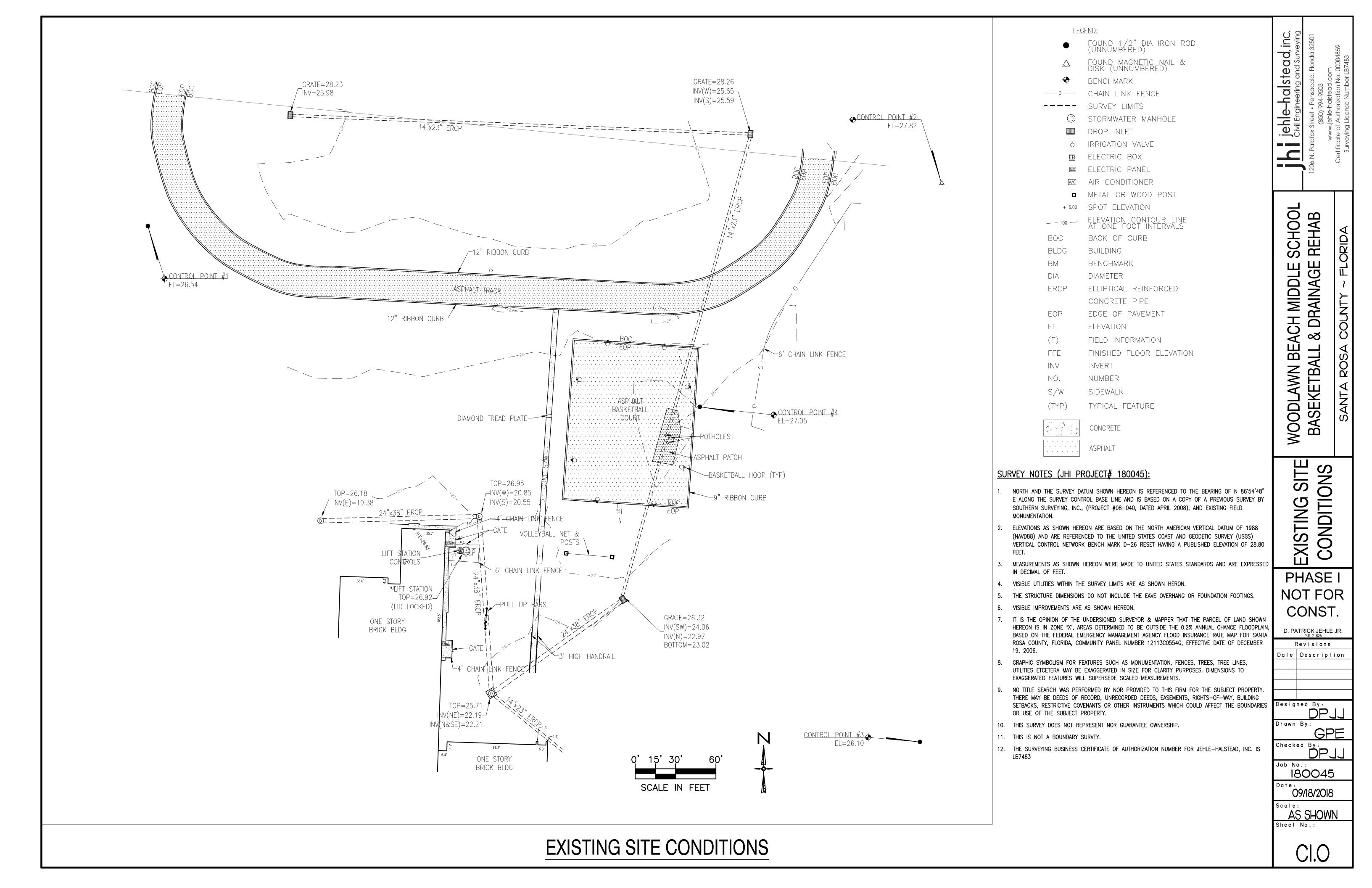
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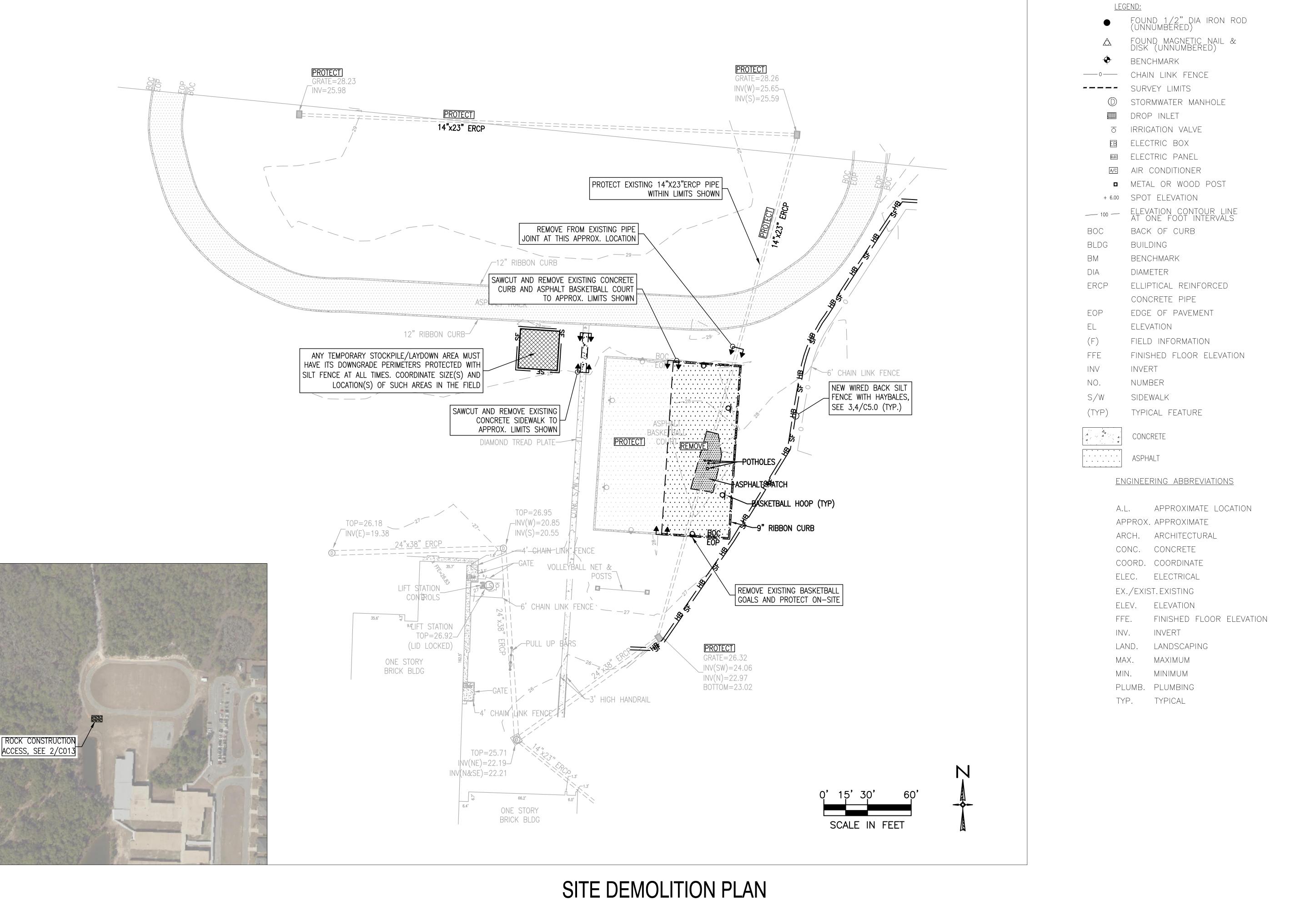
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jehle-halstead, inc. SCHOOL REHAB

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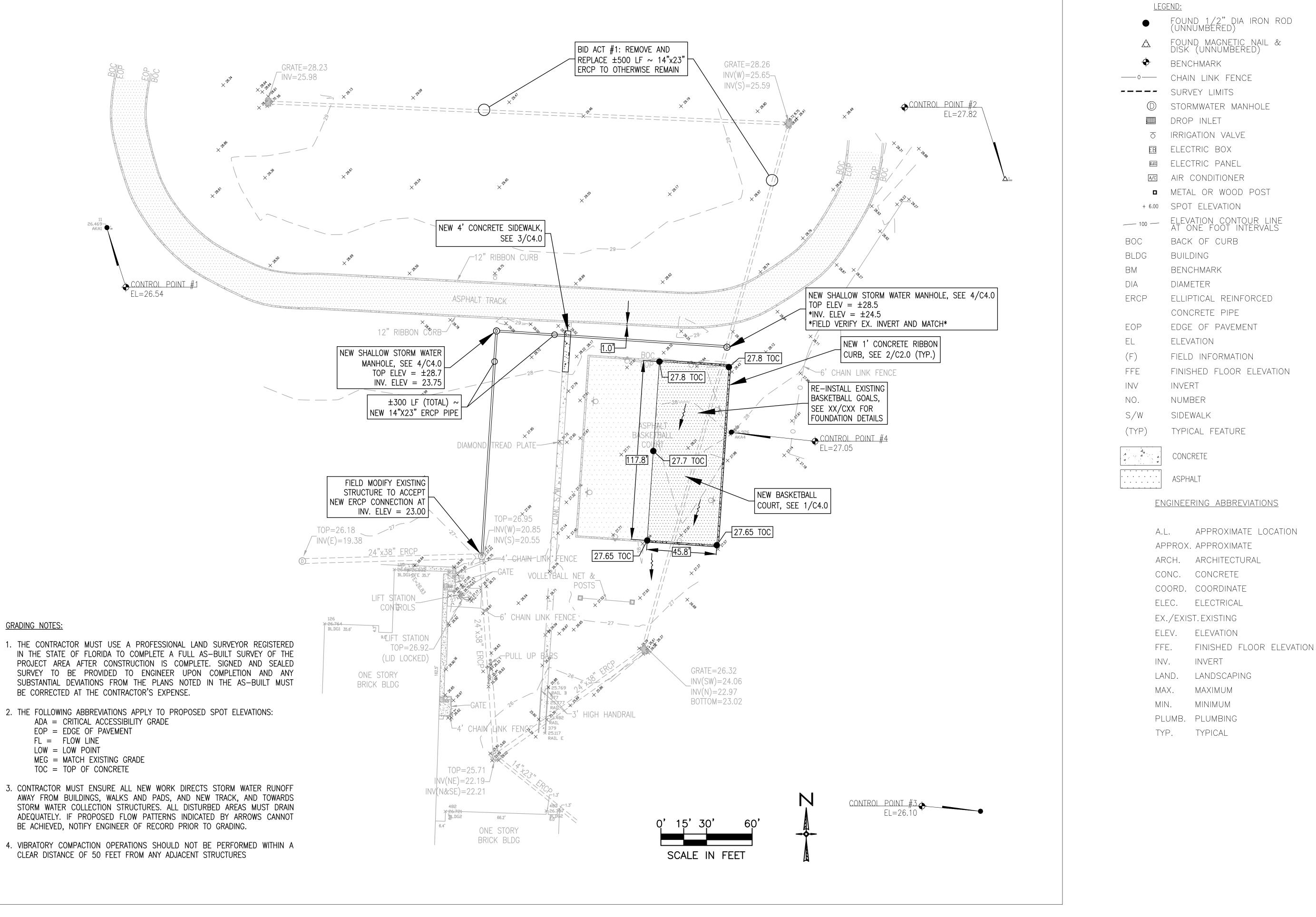
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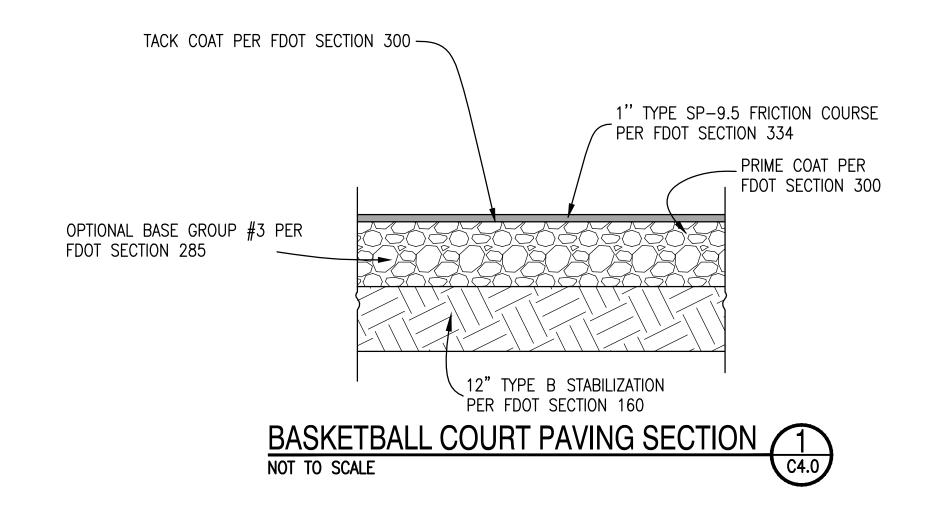
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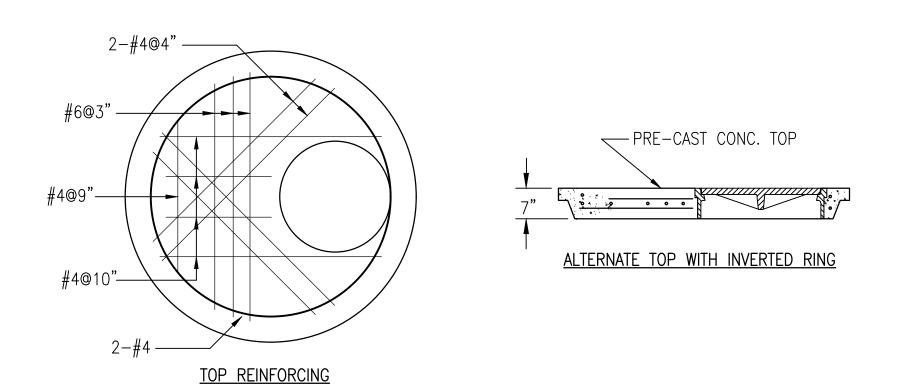
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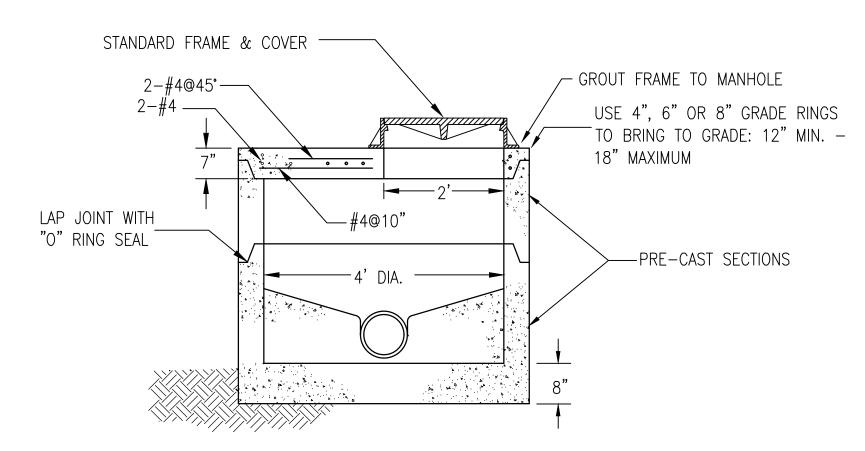
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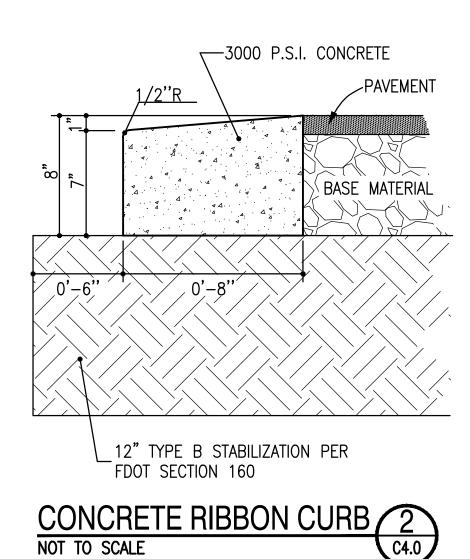
SITE IMPROVEMENTS PLAN

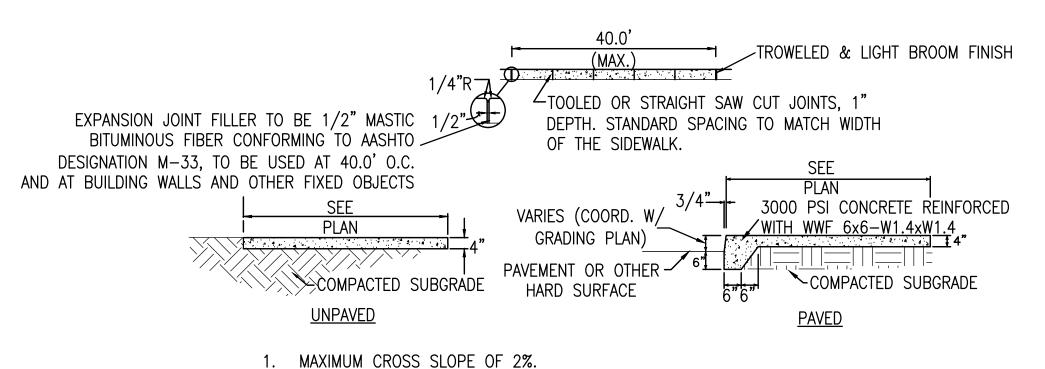












MAXIMUM SURROUNDING GRADES 3% IN FIRST 5 FEET.

3. SEE SECTION 02750 CONCRETE PAVING FOR DETAILED REINFORCEMENT AND JOINT REQUIREMENTS.

(3) C4.0 NOT TO SCALE

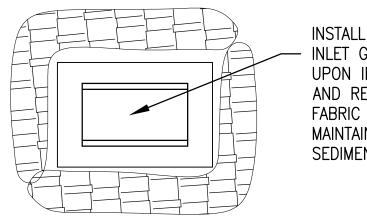
SITE CONSTRUCTION DETAILS

SCHOOL REHAB **BEACH MIDDLE DRAINAG TBALL** WOODLAWN BASEKET SITE CONSTRUCTION DETAILS PHASE I NOT FOR CONST. D. PATRICK JEHLE JR. P.E. 71528 Revisions Date Description Designed By: Drawn By: GPE Checked By: Job No. 180045 09/18/2018 Scale:

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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.

BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE ON THE

OTHER. ALL BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED.

STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID

THE BARRIER SHALL BE ENTRENCHED AND BACKFILLED. THE FIRST

BALE TO FORCE THE BALES TOGETHER. THE GAPS BETWEEN BALES

SHALL BE CHINKED (FILLED BY WEDGING) WITH STRAW.

HAYBALE INSTALLATION 4
NOT TO SCALE C5.0

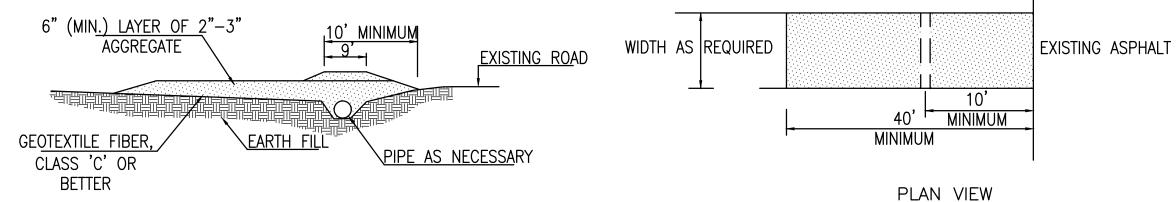
SYNTHETIC BALES OR SEDIMENT LOG SHALL BE PLACED AT COMMENCEMENT OF CONSTRUCTION OR IMMEDIATELY AFTER INLET INSTALLATION AND MAINTAINED THROUGHOUT PROJECT COMPLETION AND STABILIZATION.

STORM WATER INLET PROTECTION 1 NOT TO SCALE

STAKED AND ENTRENCHED

(SEE PLAN FOR LOCATION)

50 lb. HAY BALE.



SECTION VIEW

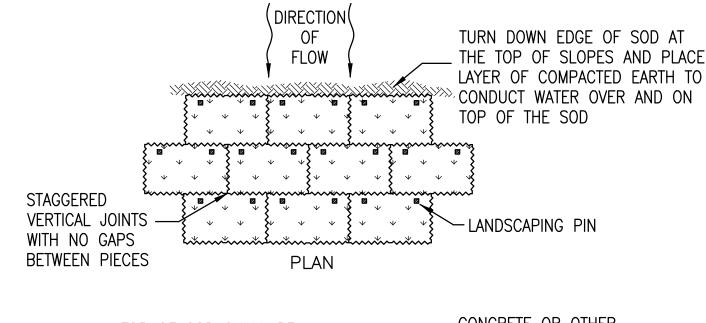
TWINE/WIRE (ORIENT BINDINGS ALONG THE TOPS AND BOTTOMS).

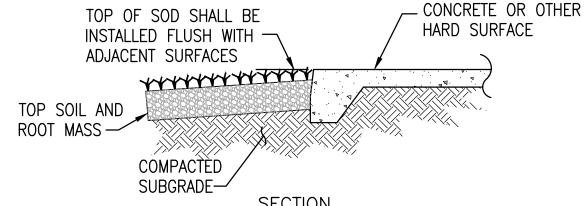
ANCHOR HAY BALES WITH WITH

2"x2" STAKES (2) PER BALE

- 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 NOT TO SCALE

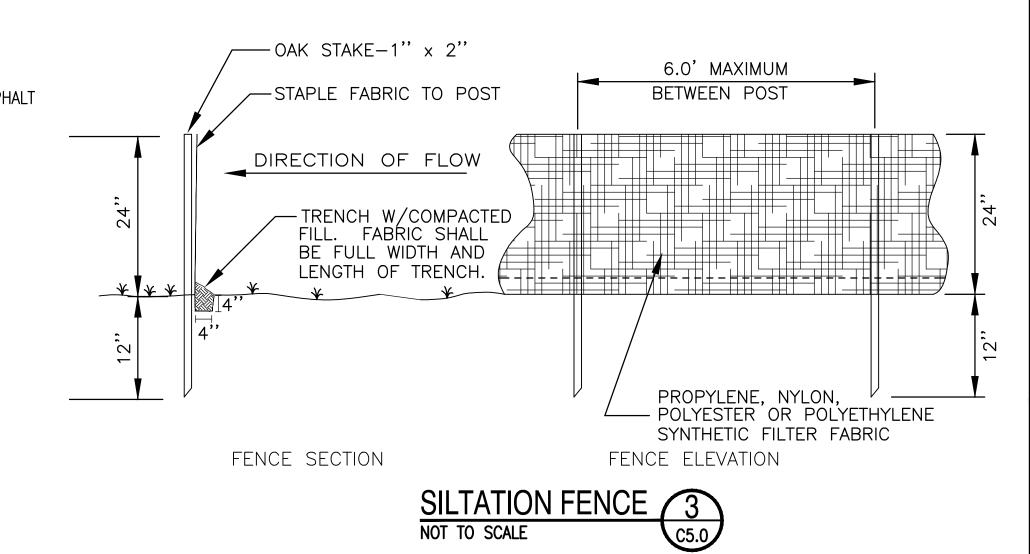


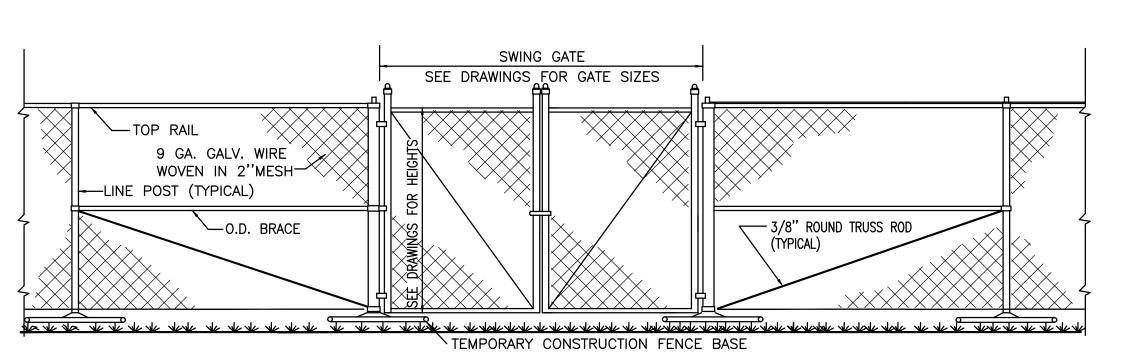


PLACE SOD BEGINNING AT THE TOE OF THE SLOPE AND LONG EDGE

- PERPENDICULAR TO DIRECTION OF FLOW. 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.







TEMPORARY CHAIN LINK FENCE AND GATES 6 C5.0 NOT TO SCALE

SCHOOL REHAB MIDDLE **DRAINAG** BE/ WOODLAWN TB/ BASEKE

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SITE CONSTRUCTION DETAILS