

**EROSION CONTROL SEEDING NOTES:**

- A. USE PERMANENT SEED MIXES AND RATES BETWEEN 5/15 AND 9/30.
- B. USE TEMPORARY SEED MIXES FOR PERIODS LESS THAN 12 MONTHS. IF USING TEMPORARY SEED MIXES AND RATES BETWEEN 10/1 AND 5/14, RE-SEED WITH PERMANENT SEED MIX AFTER 5/15.

PERMANENT SEED MIX 1:		PERMANENT SEED MIX 2:	
KENTUCKY BLUEGRASS	20.00 LBS/ACRE	PERENNIAL RYEGRASS	5.00 LBS/ACRE
CREeping RED FESCUE	20.00 LBS/ACRE	CROWNVEtCH	15.00 LBS/ACRE
PERENNIAL RYEGRASS	5.00 LBS/ACRE	TALL FESCUE	15.00 LBS/ACRE
		SWItCHGRASS	10.00 LBS/ACRE
			(PURE LIVE SEED)
<b>TOTAL SEED RATE:</b>	<b>45.00 LBS/ACRE</b>	<b>TOTAL SEED RATE:</b>	<b>43.00 LBS/ACRE</b>

TEMPORARY SEED:		
OATS	80.00 LBS/ACRE	4/01 - 5/14
ANNUAL RYEGRASS	40.00 LBS/ACRE	
SUDANGRASS	40.00 LBS/ACRE	5/15 - 9/14
ANNUAL RYEGRASS	80.00 LBS/ACRE	5/15 - 9/14
WINTER RYE	112.00 LBS/ACRE	9/15 - 9/30
WINTER RYE (PROTECT w/ MULCH COVER)	112.00 LBS/ACRE	10/01 - 3/31

**LIME AND FERTILIZER:**  
LIMING AND FERTILIZER RATES WILL BE BASED ON FIELD SOIL TESTING OF ON-SITE TOPSOILS BY A CERTIFIED LABORATORY. SUBMIT TEST RESULTS TO THE ENGINEER.

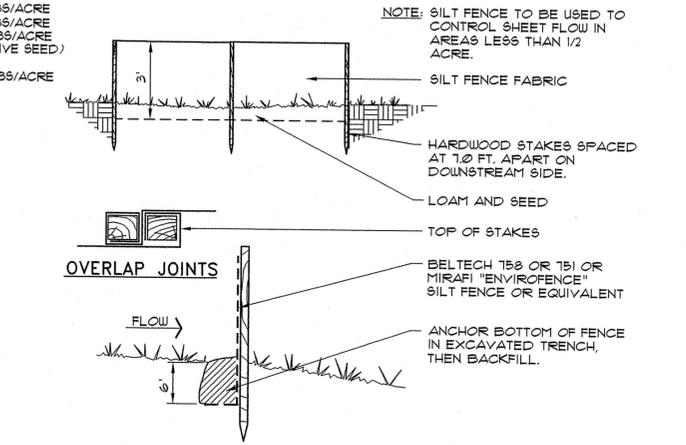
MULCH:		
STRAW OR HAY (ANCHORED)	70 - 90 LBS	PROTECTED AREAS WINDY AREAS
STRAW OR HAY (ANCHORED)	185 - 275 LBS	
SHREDDED OR CHOPPED	185 - 275 LBS	MODERATE TO HIGH VELOCITY AREAS & STEEP SLOPES
JUTE MESH	AS REQUIRED	
EXCELsIOR MAT	AS REQUIRED	

**MULCH ANCHORING**  
ALL SLOPES GREATER THAN 15% DURING REGULAR GROWING SEASON ARE TO HAVE THE MULCH FINNED DOWN BY NETTING OR COVERED WITH COMBINATION MULCH AND NET PRODUCT. THIS REQUIREMENT IS REDUCED TO 8% SLOPES AFTER OCT. 1.

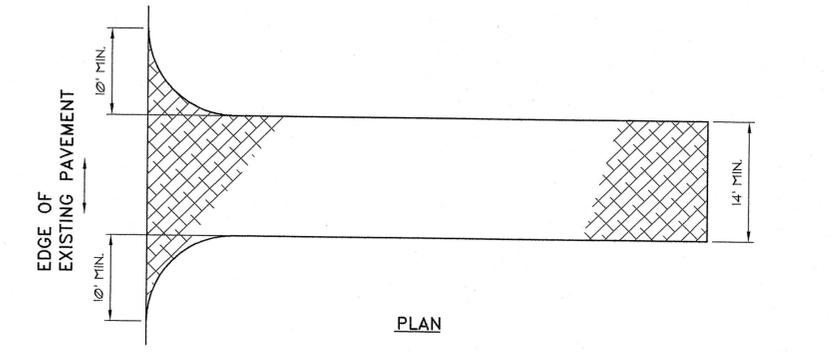
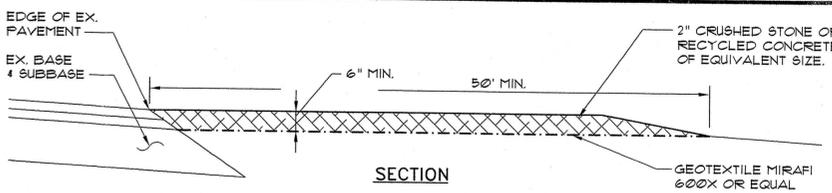
PEG AND TWINE	LIQUID ASPHALT
MULCH NETTING	WOOD CELLULOSE FIBER
ASPHALT EMULSION	CHEMICAL TACK

**EROSION CONTROL GENERAL NOTES:**

- THE DRAWINGS DEPICT THE REQUIRED SOIL EROSION CONTROL MEASURES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION SITE IN SUCH A MANNER THAT:
  - A. SOIL EROSION IS KEPT TO A MINIMUM.
  - B. NO SEDIMENT LEAVES THE CONSTRUCTION SITE PROPER.
  - C. ALL POSSIBLE MEASURES ARE EMPLOYED TO PREVENT SEDIMENT FROM ENTERING DRAINAGE COURSES AND WETLANDS EVEN BEYOND THE DETAILS SHOWN ON THIS PLAN IF NECESSARY.
- ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MAINE EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION BEST MANAGEMENT PRACTICES PUBLISHED BY THE CUMBERLAND COUNTY SOIL AND WATER CONSERVATION DISTRICT AND THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, MARCH 1991.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL FINES RESULTING FROM EROSION OR SEDIMENTATION FROM THE SITE TO SURROUNDING PROPERTIES, WATER BODIES, OR WETLAND AS A RESULT OF THIS PROJECT.
- LOAM AND SEED ALL DISTURBED AREAS AS SOON AS POSSIBLE AFTER DISTURBANCE.
- INSPECT SOIL EROSION MEASURES WEEKLY AND AFTER SIGNIFICANT STORM EVENTS. MAKE ALL NECESSARY REPAIRS TO FACILITIES AS SOON AS POSSIBLE, BUT NO LONGER THAN 2 DAYS. CLEAN AND RESET SILT FENCES AND HAY BALE BARRIERS WHICH ACCUMULATE SEDIMENT AND DEBRIS. CLEAN CATCH BASIN SUMPS ON A REGULAR BASIS.
- PROTECT AND STABILIZE ALL AREAS NOT SCHEDULED FOR EROSION PREVENTION OR STABILIZATION BUT THAT SHOW SIGNS OF EROSION. NOTIFY OWNER OF ANY SIGNIFICANT EROSION PROBLEM.
- TEMPORARILY SEED WITHIN 1 DAYS ANY AREA WHICH WILL BE LEFT UNDISTURBED FOR MORE THAN 14 DAYS WITH THE TEMPORARY SEED MIX LISTED. PERMANENTLY SEED ANY AREA WHICH CAN BE LOAMED AS SOON AS POSSIBLE WITH THE PERMANENT SEED MIX LISTED. DO NOT USE PERMANENT SEED MIX AFTER SEPTEMBER 15. SEE SEQUENCE OF CONSTRUCTION NOTE #3.
- MULCH ALL AREAS SEEDED SO THAT SOIL IS NOT VISIBLE THROUGH THE MULCH REGARDLESS OF THE APPLICATION RATE. DURING THE GROWING SEASON (APRIL 15 - SEPT. 30) USE MATS (OR MULCH AND NETTING) ON:
  - THE BASE OF GRASSSED WATERWAYS
  - SLOPES STEEPER THAN 15%
  - WITHIN 100 FT. OF STREAMS AND WETLANDS BETWEEN OCT. 1 AND APRIL 14 USE MATS (OR MULCH AND NETTING) ON:
    - SIDE SLOPES OF GRASSSED WATERWAYS
    - SLOPES STEEPER THAN 8%
 INSTALL MATS (OR NETTING) IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- FOLLOW SILT FENCE MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS FOR INSTALLATION OF SILT FENCE. SECURE ENTIRE BOTTOM OF FENCE BY BURYING BOTTOM OF FENCE IN A TRENCH. IF SOIL CONDITIONS DO NOT ALLOW THE FENCE TO BE BURIED BERMING WITH EROSION CONTROL MIX IS A SUITABLE ALTERNATIVE.
- PLACE HAY BALE BARRIERS AROUND ALL CATCH BASINS AND MAINTAIN UNTIL ADJACENT AREAS ARE PAVED OR VEGETATED.
- ALL TOPSOIL STRIPPED FROM THE SITE SHALL REMAIN ON THE SITE FOR REUSE. SEED LOAM STOCKPILE WITH TEMPORARY SEED MIX AND MULCH. ERECT SILT FENCE DOWN SLOPE OF LOAM STOCKPILES.

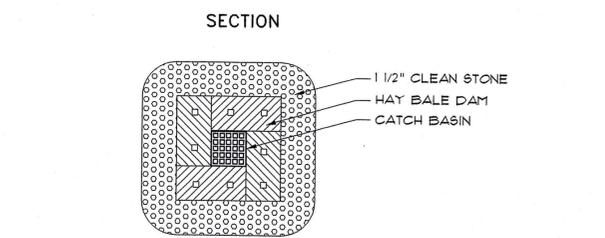
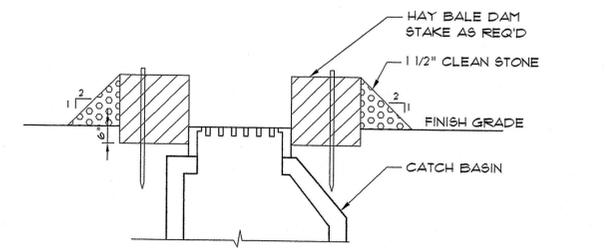


**3 SILT FENCE DETAIL** NOT TO SCALE



**NOTES:**  
1. MAINTAIN ENTRANCE IN A CONDITION THAT WILL PREVENT TRACKING OF SEDIMENT ONTO THE PARKING LOT. IF WASHING IS REQUIRED PREVENT SEDIMENT FROM ENTERING WATERWAYS, DITCHES OR STORM DRAINS.

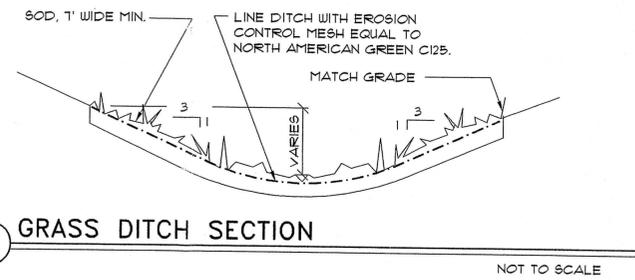
**2 STABILIZED CONSTRUCTION ENTRANCE DETAIL** NOT TO SCALE



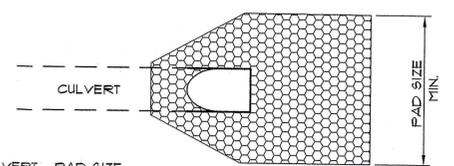
**1 CATCH BASIN PROTECTION** NOT TO SCALE

**SEQUENCE OF CONSTRUCTION:**

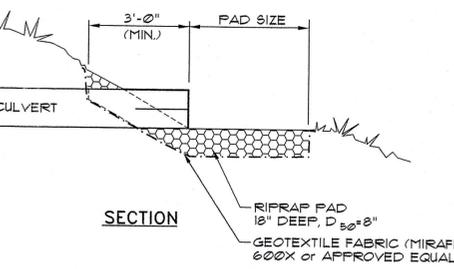
- THIS SEQUENCE OF CONSTRUCTION IS A GENERAL GUIDE TO THE CONTRACTOR. ACTUAL CONSTRUCTION PRACTICES WILL DICTATE VARIATIONS IN THE ORDER OF MAJOR EVENTS.
- INSTALL ALL PERIMETER SILT FENCE AND HAY BALE PROTECTION.
  - CLEAR AND GRUB WORK AREAS. TEMPORARILY SEED AREAS NOT TO BE WORKED ON WITHIN 14 DAYS.
  - STRIP AND STOCKPILE ON-SITE TOPSOIL. SEED STOCKPILES WITH TEMPORARY SEED MIX.
  - SUBMIT SAMPLES OF TOPSOIL/LOAM FOR LAB WORK. ADJUST LIME AND FERTILIZER ACCORDINGLY.
  - BEGIN EARTHWORK FOR FIELDS, ACCESS ROAD AND DETENTION POND.
  - INSTALL AND PROTECT ALL STORM DRAINAGE AND UNDER DRAIN SYSTEMS.
  - ROUGH GRADE ACCESS ROAD AND FIELDS.
  - FINE GRADE, LOAM, SEED AND MULCH THE JAVELIN, DISCUS AND SHOTPUT. CUT AND FILL SLOPES AROUND THE TRACK, PRACTICE FIELDS AND SOCCER FIELD.
  - RESEED OR TEMPORARILY SEED ANY AREA WHICH WILL BE LEFT UNDISTURBED FOR MORE THAN 14 DAYS.
  - CONSTRUCT SOCCER FIELD BASE AND SYNTHETIC SURFACE.
  - CONSTRUCT TRACK BASE, FIELD EVENT RUNWAYS & PITS, LIGHT POLE BASES, CONCESSION STAND FOUNDATIONS AND LAWN BETWEEN TRACK AND SOCCER FIELD.
  - PAVE TRACK FIELD EVENT RUNWAYS AND ACCESS ROAD.
  - CLEAN DETENTION POND AND STORM DRAIN SYSTEM OF CONSTRUCTION SEDIMENTATION.
  - INSTALL CHAIN LINK FENCE AND LIGHT POLES.
  - CONSTRUCT TRACK SURFACE.



**5 GRASS DITCH SECTION** NOT TO SCALE



CULVERT	PAD SIZE
4\"/>	

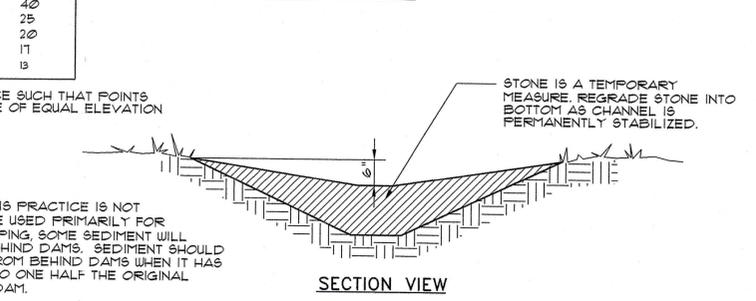
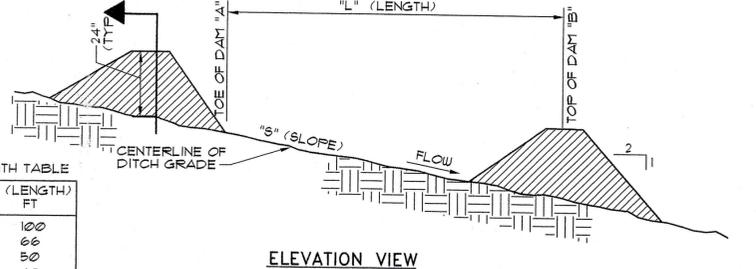


**6 RIPRAP PIPE END DETAIL** NOT TO SCALE

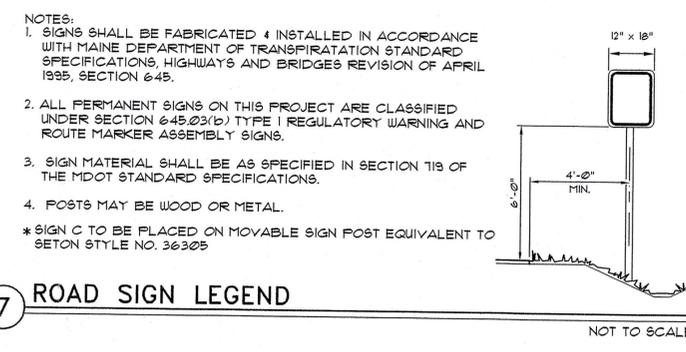
**SLOPE & LENGTH TABLE**

"S" (SLOPE) FT./FT.	"L" (LENGTH) FT.
0.020	100
0.030	66
0.040	50
0.050	40
0.080	25
0.100	20
0.120	17
0.150	13

L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION



**4 STONE CHECK DAM DETAIL** NOT TO SCALE



**7 ROAD SIGN LEGEND** NOT TO SCALE

PLOT DATE: 2/2/00  
FILE SCALE: 1"=10'  
CAD FILE: DETAILS

**RECEIVED**  
MAR 29 2000  
By \_\_\_\_\_

REV.	DATE	DESCRIPTION
2	3/27/00	REV'D CONSTRUCTION SEQUENCE
1	2/2/00	REV'D DETAILS 5 & 7

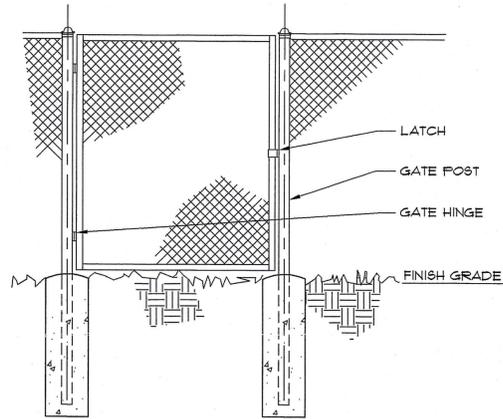
STEPHEN E. STEARNS  
NO. 4437  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF MAINE

**TOWN OF YARMOUTH  
YARMOUTH, MAINE**

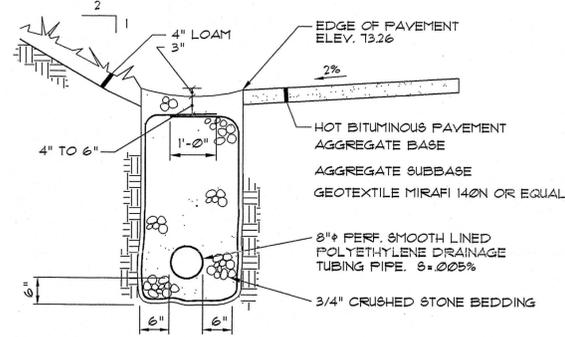
**YARMOUTH HIGH SCHOOL  
ATHLETIC FIELDS**

**EROSION CONTROL NOTES  
AND DETAILS**

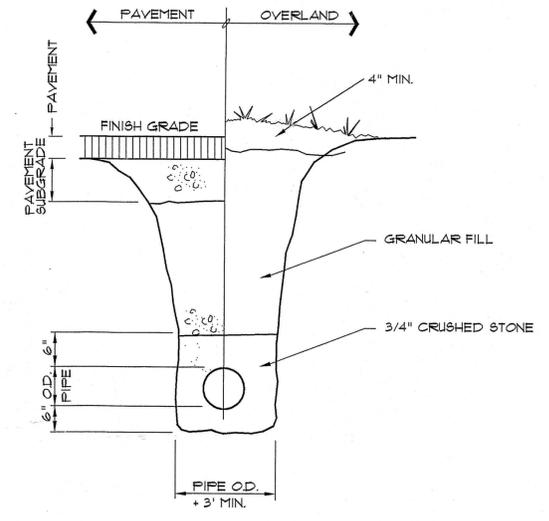
SCALE: 1"=10'	DRN BY: BLD
DATE: JANUARY 12, 2000	DESG BY: SES
PROJECT: 98181	CHK BY: SES



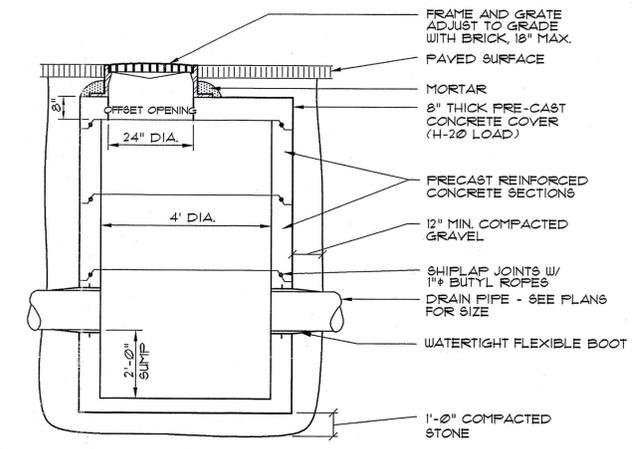
4 CHAINLINK FENCE SINGLE LEAF GATE  
NOT TO SCALE



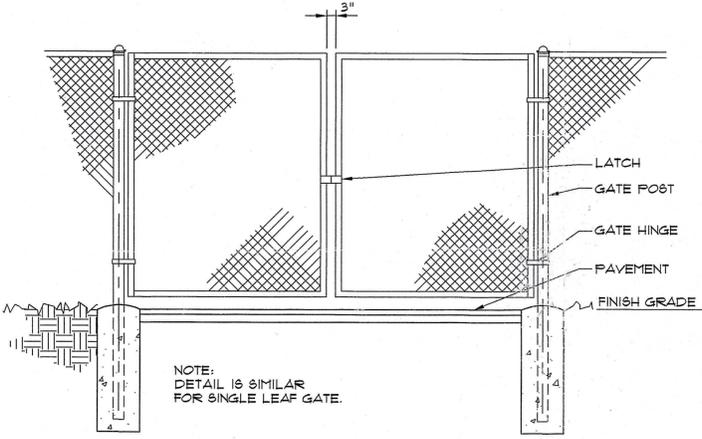
3 TRENCH DRAIN WEST SIDE OF TRACK  
NOT TO SCALE



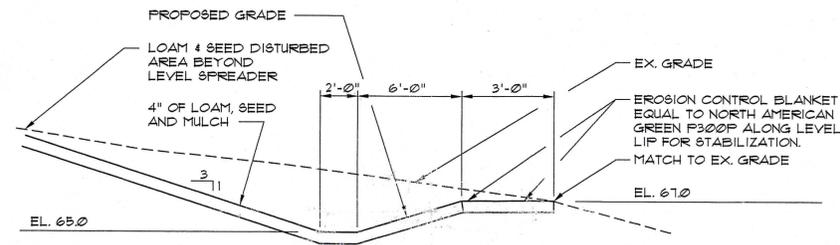
2 TYPICAL PIPE TRENCH SECTION  
NOT TO SCALE



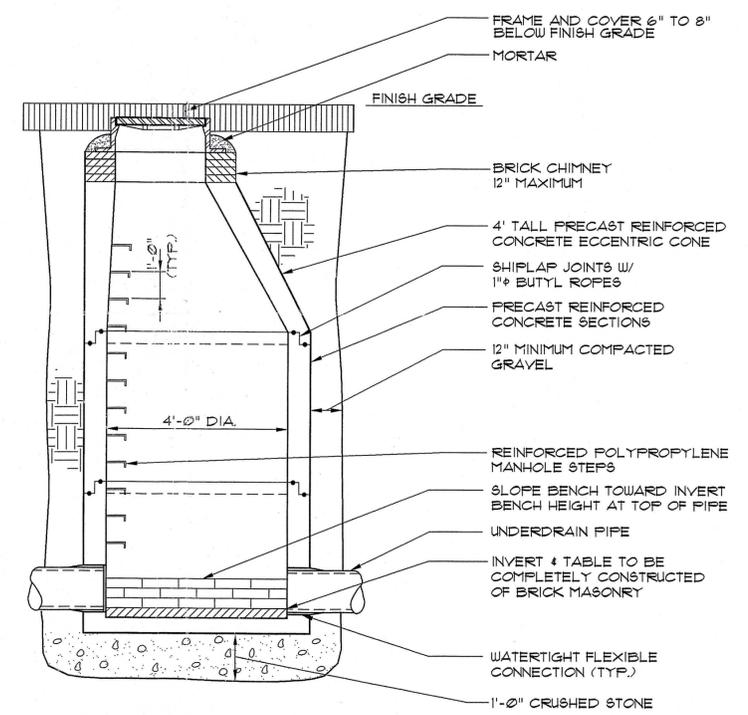
1 TYPICAL CATCH BASIN SECTION  
NOT TO SCALE



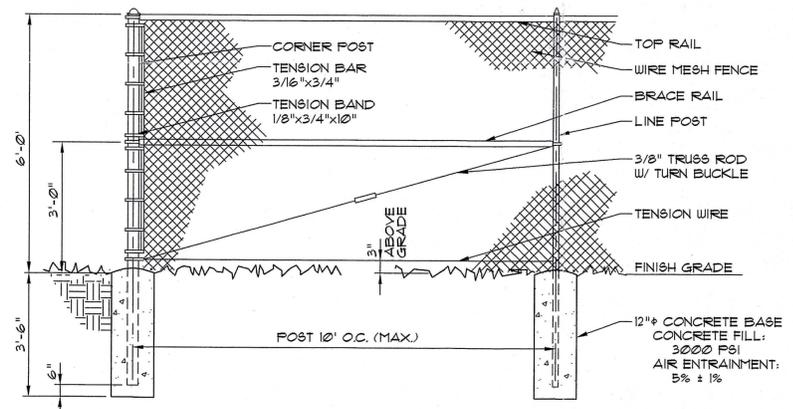
7 CHAINLINK FENCE DOUBLE LEAF GATE  
NOT TO SCALE



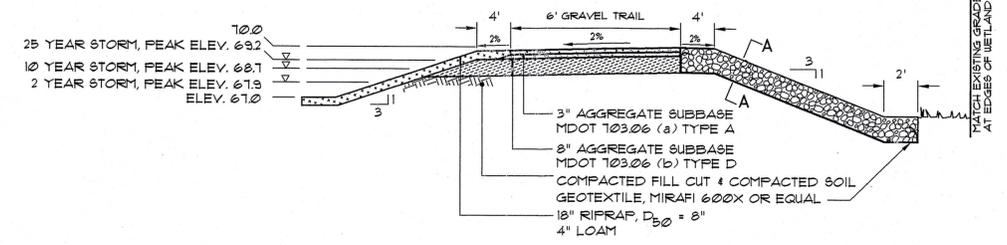
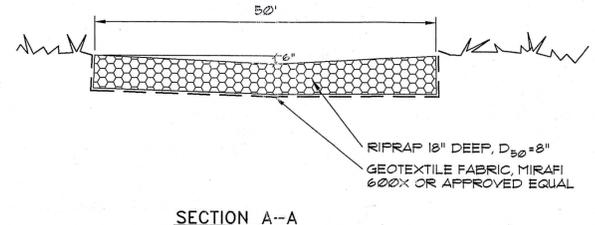
6 LEVEL SPREADER SECTION  
NOT TO SCALE



5 4' DIAMETER PRECAST MANHOLE SECTION  
NOT TO SCALE



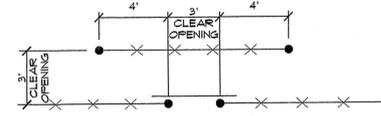
9 CHAINLINK FENCE CORNER & STRAIGHT SECTIONS  
NOT TO SCALE



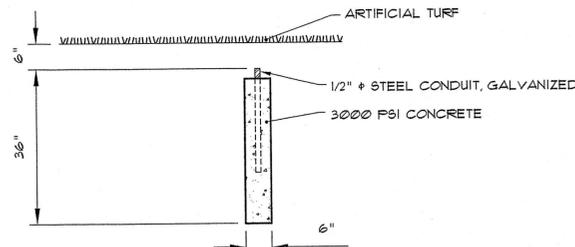
8 DETENTION POND AND EMERGENCY SPILLWAY SECTION  
NOT TO SCALE

CAD FILE: DETAILS  
 FILE SCALE: 1=10  
 PLOT DATE: 01/12/00  
 10:00 AM 01/12/00 10:00 AM 01/12/00

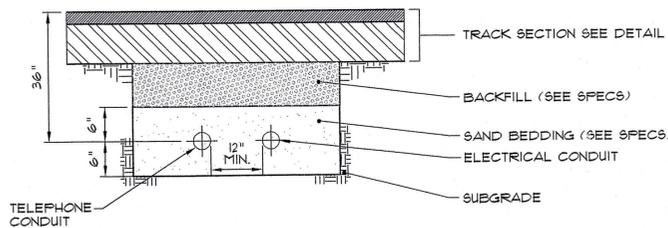
	1	2/2/00	REV'D DETAIL 5, 1 & 9
	REV.	DATE	DESCRIPTION
	<b>TOWN OF YARMOUTH YARMOUTH, MAINE</b>		
	<b>YARMOUTH HIGH SCHOOL ATHLETIC FIELDS</b>		
<b>PINKHAM &amp; GREER</b>			<b>DETAILS</b>
<small>CONSULTING ENGINEERS, INC. FALMOUTH, MAINE</small>			
SCALE: 1"=10'	DRN BY: BLD		
DATE: JANUARY 12, 2000	DESIGN BY: SES		
PROJECT: 98181	CHK BY: SES		



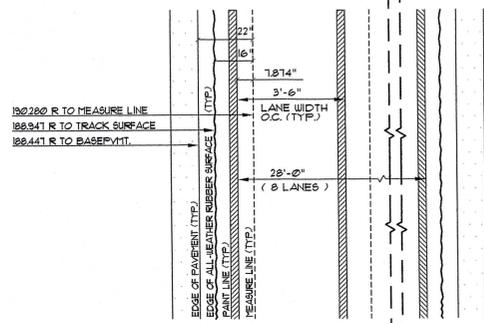
MAZE GATE DETAIL



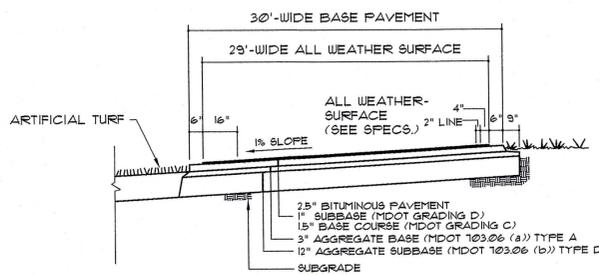
RADIUS POINT ( 6 REQ'D)



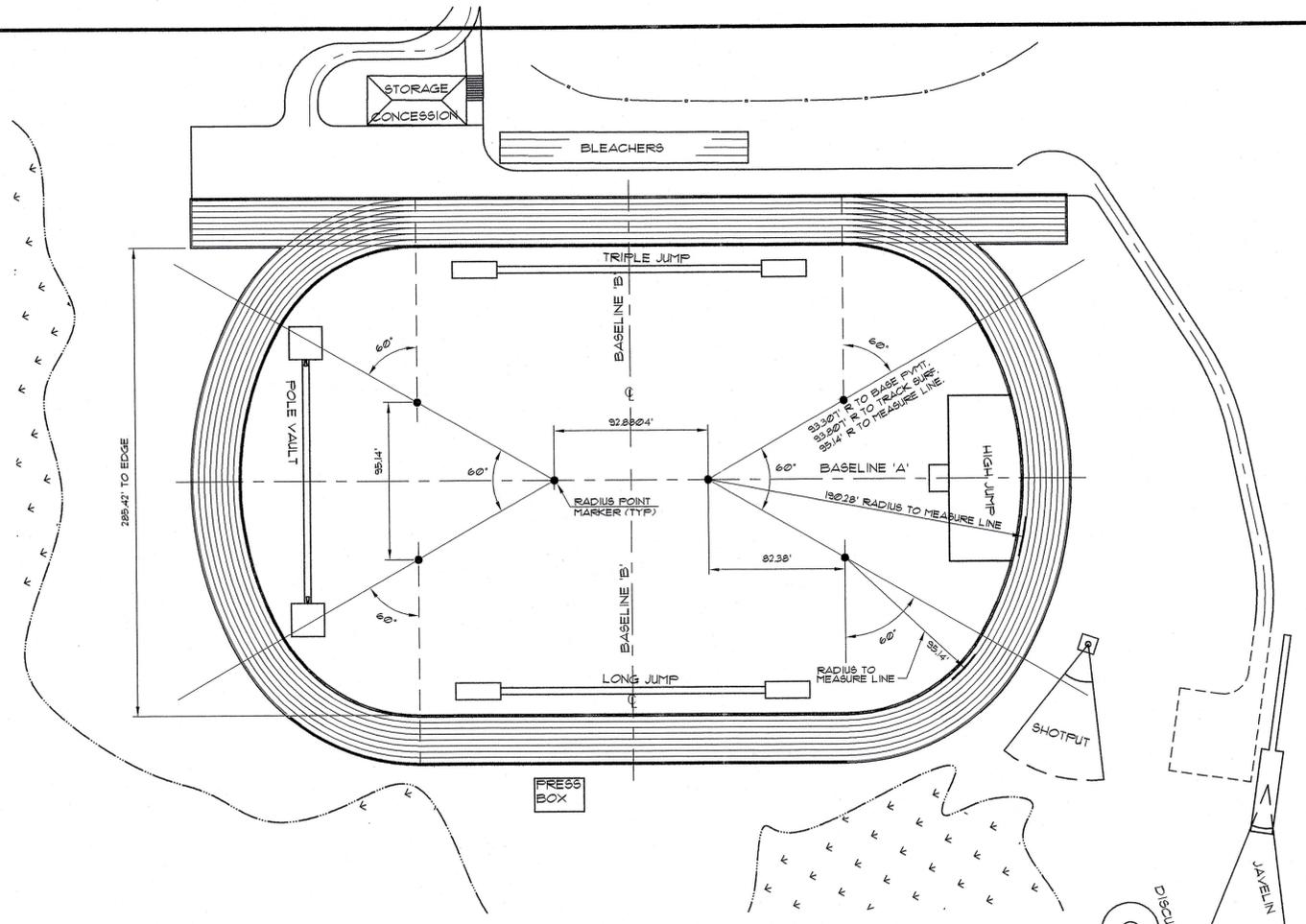
UTILITY CONDUIT TRENCH UNDER TRACK



TRACK LANE LAYOUT DETAIL



TRACK SECTION

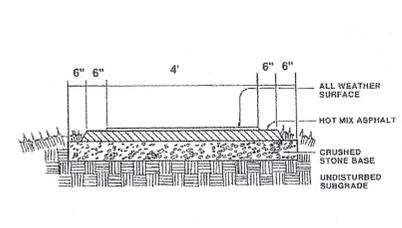


1 TRACK LAYOUT PLAN FOR 8-LANE RUNNING TRACK

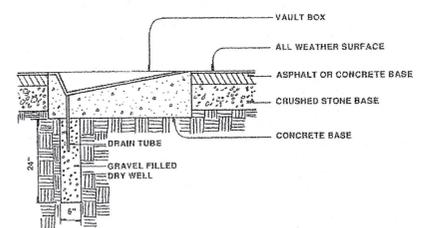
SCALE: 1" = 50'

2 TRACK DETAILS

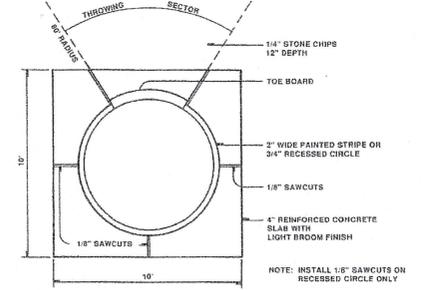
NOT TO SCALE



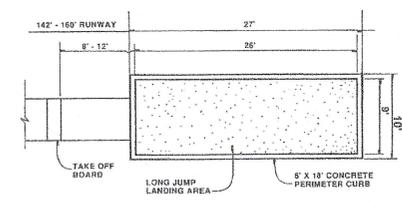
ASPHALT RUNWAY



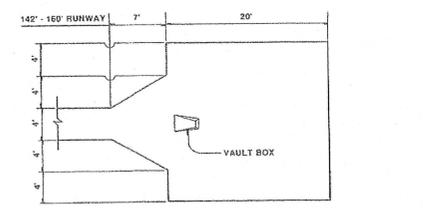
VAULT BOX SECTION



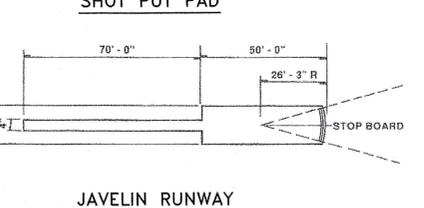
SHOT PUT PAD



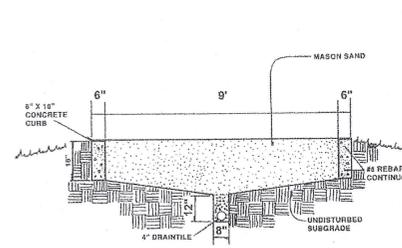
LONG JUMP / TRIPLE JUMP PIT PLAN



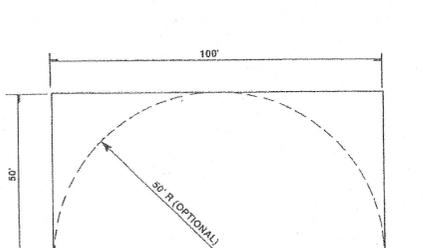
POLE VAULT LANDING AREA DETAIL



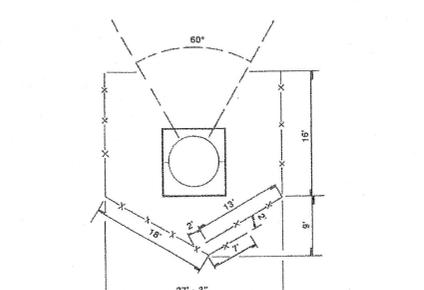
JAVELIN RUNWAY



LONG JUMP / TRIPLE JUMP PIT SECTION

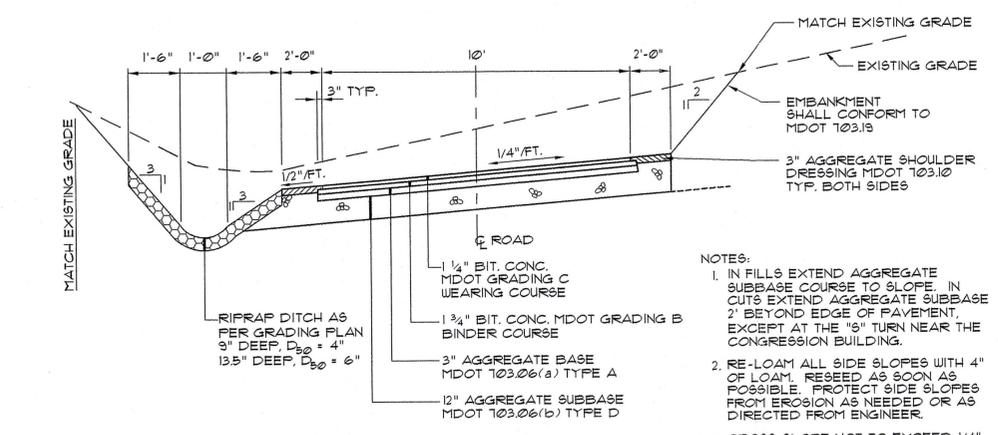


HIGH JUMP



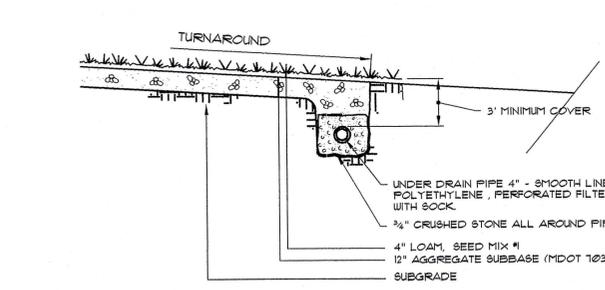
SUGGESTED DISCUS / HAMMER CAGE

NOT TO SCALE



3 TYPICAL ACCESS ROAD SECTION

- NOTES:
1. IN FILLS EXTEND AGGREGATE SUBBASE COURSE TO SLOPE. IN CUTS EXTEND AGGREGATE SUBBASE 2' BEYOND EDGE OF PAVEMENT, EXCEPT AT THE "IS" TURN NEAR THE CONGRESSION BUILDING.
  2. RE-LOAM ALL SIDE SLOPES WITH 4" OF LOAM. RESEED AS SOON AS POSSIBLE. PROTECT SIDE SLOPES FROM EROSION AS NEEDED OR AS DIRECTED FROM ENGINEER.
  3. CROSS SLOPE NOT TO EXCEED 1/4" PER FOOT.



4 TURN AROUND SECTION

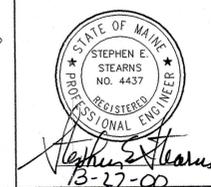
NOT TO SCALE

REV.	DATE	DESCRIPTION
4	3/21/00	REV'D DETAIL 1
3	3/15/00	REV'D DETAIL 1
2	2/14/00	REV'D DETAIL 1
1	2/2/00	REV'D DETAILS 2 & 3

TOWN OF YARMOUTH  
YARMOUTH, MAINE  
TRACK & FIELD PROJECT  
YARMOUTH HIGH SCHOOL  
PINKHAM & GREER

TRACK LAYOUT & DETAILS

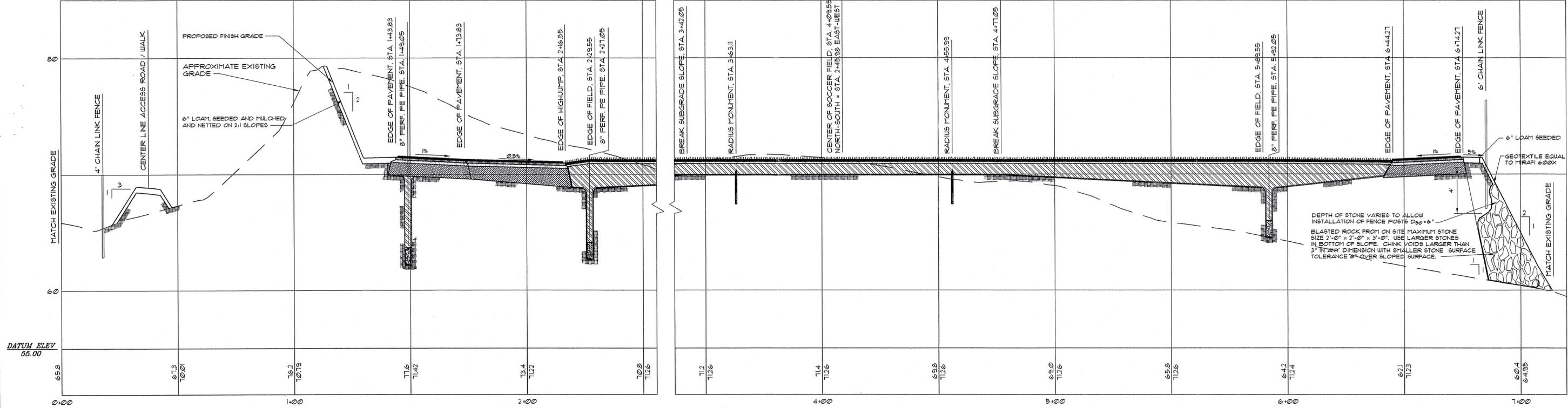
SCALE: 1"=10'	DRN BY: BLD
DATE: JANUARY 12, 2000	DESIGN BY: SES
PROJECT: 98181	CHK BY: SES



PLOT DATE: 3/27/00  
FILE SCALE: 1"=10'  
CAD FILE: DETAILS

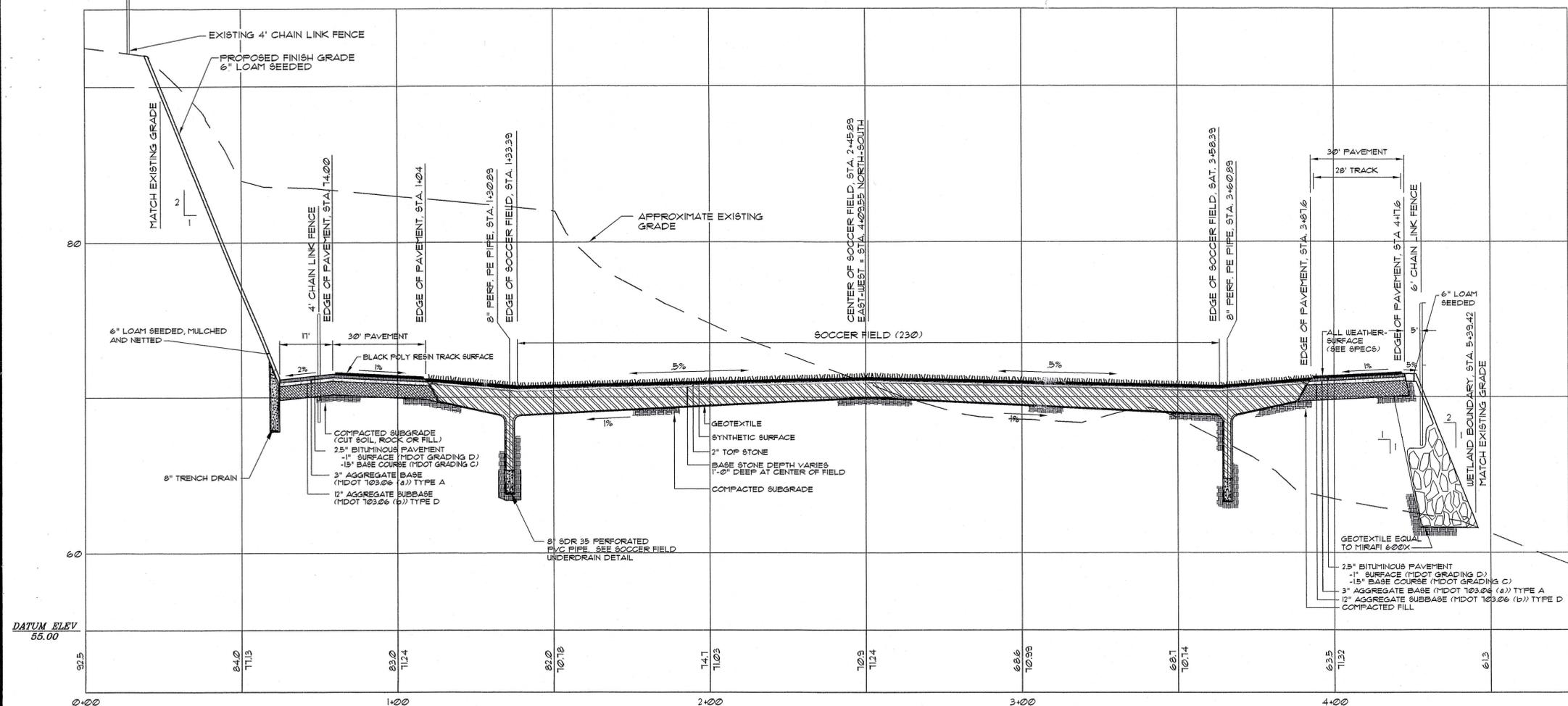
4 FIELD EVENT DETAILS

C7



FIELD SECTION AT MID FIELD LOOKING EAST

SCALE: HOR: 1" = 20' VER: 1" = 4'



FIELD SECTION AT MID FIELD LOOKING NORTH

SCALE: HOR: 1" = 20' VER: 1" = 4'

NOTES:  
1. DO NOT INSTALL PIPE OR CONDUIT BENEATH THE SOCCER FIELD.



4	3/27/00	MOVED HIGHJUMP
3	3/15/00	MOVED HIGHJUMP INSIDE TRACK
2	2/14/00	REV'D AREA NORTH OF TRACK & MOVED TRACK
		4 SOCCER FIELD 5' EAST
1	2/3/00	LOWERED TRACK & SOCCER FIELD
REV.	DATE	DESCRIPTION

TOWN OF YARMOUTH  
YARMOUTH, MAINE

YARMOUTH HIGH SCHOOL  
ATHLETIC FIELDS

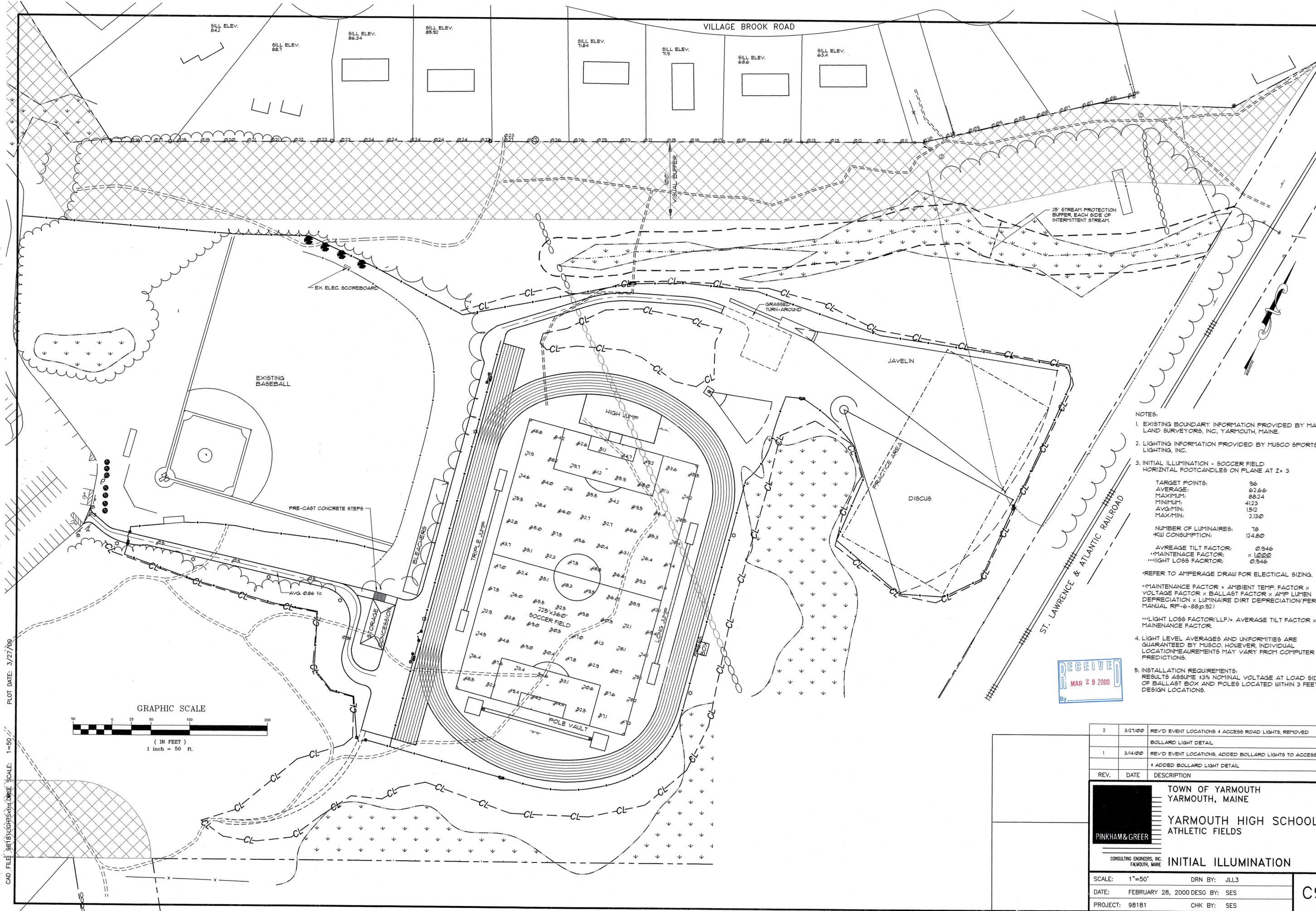
PINKHAM & GREER  
CONSULTING ENGINEERS, INC.  
FALMOUTH, MAINE

FIELD SECTIONS

SCALE: AS NOTED DRN BY: BLD  
DATE: JANUARY 12, 2000 DESG BY: SES  
PROJECT: 98181 CHK BY: SES



3-27-00



- NOTES:
- EXISTING BOUNDARY INFORMATION PROVIDED BY MAINE LAND SURVEYORS, INC., YARMOUTH, MAINE.
  - LIGHTING INFORMATION PROVIDED BY MUSCO SPORTS LIGHTING, INC.
  - INITIAL ILLUMINATION - SOCCER FIELD HORIZONTAL FOOTCANDLES ON PLANE AT Z = 3
 

TARGET POINTS:	96
AVERAGE:	62.66
MAXIMUM:	98.24
MINIMUM:	41.23
AVG/MIN:	1.512
MAX/MIN:	2.130

NUMBER OF LUMINAIRES:	78
*KW CONSUMPTION:	124.80

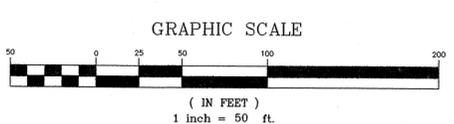
AVERAGE TILT FACTOR:	0.346
**MAINTENANCE FACTOR:	x 1.222
***LIGHT LOSS FACTOR:	0.346

\*REFER TO AMPERAGE DRAW FOR ELECTRICAL SIZING.

\*\*MAINTENANCE FACTOR = AMBIENT TEMP. FACTOR x VOLTAGE FACTOR x BALLAST FACTOR x AMP LUMEN DEPRECIATION x LUMINAIRE DIRT DEPRECIATION (PER IES MANUAL RP-6-88 p.92)

\*\*\*LIGHT LOSS FACTOR (LLF) = AVERAGE TILT FACTOR x MAINTENANCE FACTOR
  - LIGHT LEVEL AVERAGES AND UNIFORMITIES ARE GUARANTEED BY MUSCO, HOWEVER, INDIVIDUAL LOCATION MEASUREMENTS MAY VARY FROM COMPUTER PREDICTIONS.
  - INSTALLATION REQUIREMENTS: RESULTS ASSUME ±3% NOMINAL VOLTAGE AT LOAD SIDE OF BALLAST BOX AND POLES LOCATED WITHIN 3 FEET OF DESIGN LOCATIONS.

RECEIVED  
MAR 29 2000  
By \_\_\_\_\_



REV.	DATE	DESCRIPTION
2	3/21/00	REV'D EVENT LOCATIONS + ACCESS ROAD LIGHTS, REMOVED
		BOLLARD LIGHT DETAIL
1	3/14/00	REV'D EVENT LOCATIONS, ADDED BOLLARD LIGHTS TO ACCESS RD.
		+ ADDED BOLLARD LIGHT DETAIL

**TOWN OF YARMOUTH**  
YARMOUTH, MAINE

**YARMOUTH HIGH SCHOOL**  
ATHLETIC FIELDS

**PINKHAM & GREER**

CONSULTING ENGINEERS, INC.  
YARMOUTH, MAINE

**INITIAL ILLUMINATION**

SCALE: 1"=50' DRN BY: JLL3  
DATE: FEBRUARY 28, 2000 DESG BY: SES  
PROJECT: 98181 CHK BY: SES

PLOT DATE: 3/27/00  
CAD FILE: 98181 LIGHTS.dwg SCALE: 1"=50'



CAD FILE: DRAINAGE-EXISTING SCALE: 1"=100' PLOT DATE: 01/12/00



**SOILS LEGEND**

AREA EAST OF BASEBALL FIELD FROM SOIL SURVEY BY PINKHAM & GREER

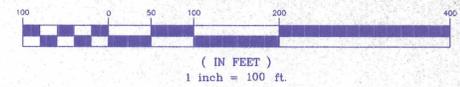
SOIL TYPE	HSG
UD - MANMADE	B/C
DF - DIXFIELD	C
Ni - NICHOLVILLE	A
Co - COLTON	D
Sc - SCANTIC	C/D
TN/LY - TUNBRIDGE/LYMAN	C/D

AREA WEST OF BASEBALL FIELD FROM COUNTY SOIL SURVEY

SOIL TYPE	HSG
CU - CUT AND FILL	C (ASSUMED)
HrB - HOLLIS	C/D
Md - MADE LAND	C (ASSUMED)
PbB - PAXTON	C
WmB - WINDSOR	A

**BENCHMARK**  
BENCHMARK IS FINISHED FLOOR OF CAFETERIUM AT THE NORTHEAST DOORWAY. ELEVATION IS ASSUMED 100.00.

**GRAPHIC SCALE**



**LEGEND**

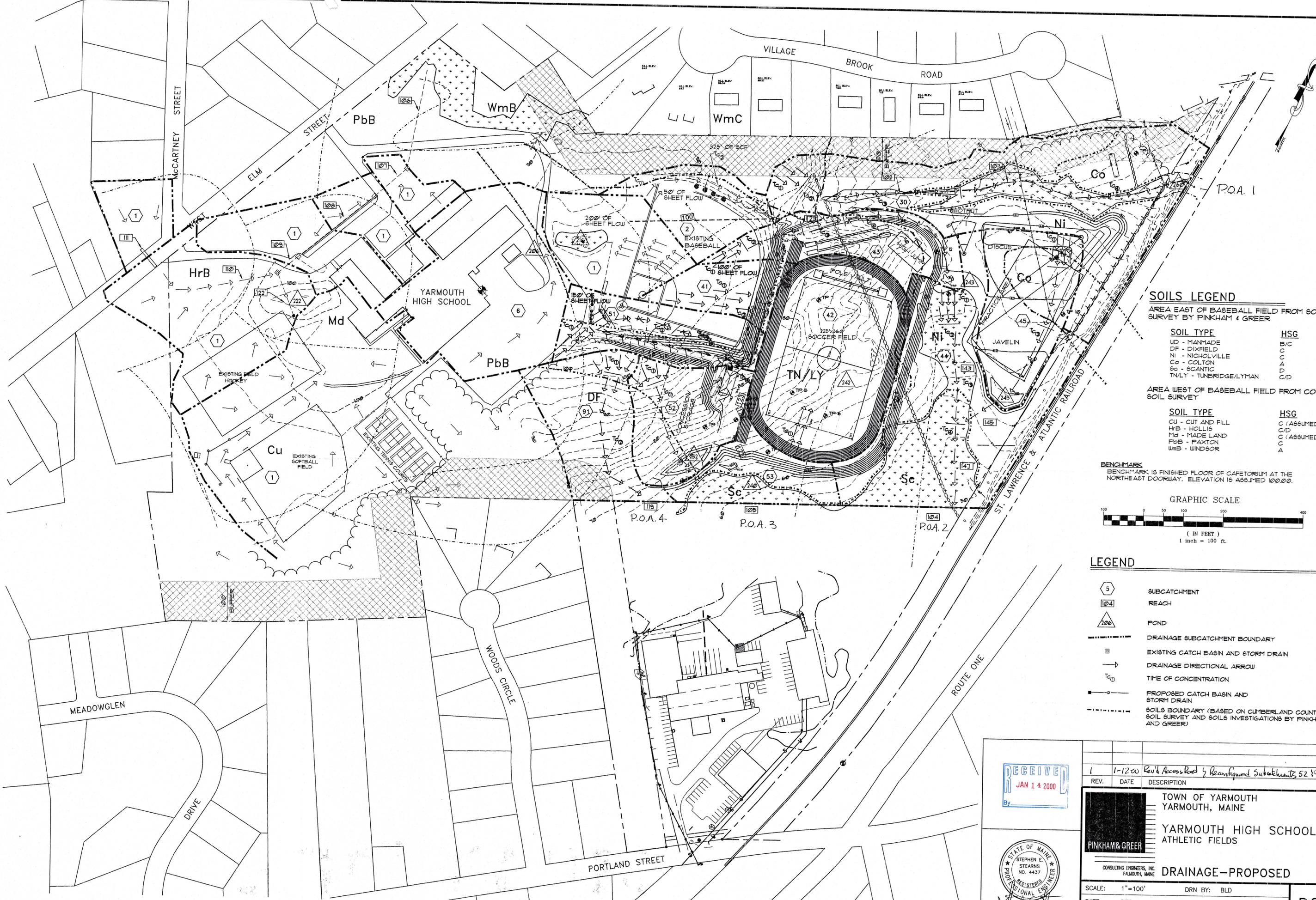
- SUBCATCHMENT
- REACH
- POND
- DRAINAGE SUBCATCHMENT BOUNDARY
- EXISTING CATCH BASIN AND STORM DRAIN
- DRAINAGE DIRECTIONAL ARROW
- TIME OF CONCENTRATION
- SOILS BOUNDARY (BASED ON CUMBERLAND COUNTY SOIL SURVEY AND SOILS INVESTIGATIONS BY PINKHAM AND GREER)



REV.	DATE	DESCRIPTION
		TOWN OF YARMOUTH YARMOUTH, MAINE
		YARMOUTH HIGH SCHOOL ATHLETIC FIELDS
		PINKHAM & GREER
		CONSULTING ENGINEERS, INC. FALMOUTH, MAINE
		<b>DRAINAGE-EXISTING</b>
SCALE:	1"=100'	DRN BY: BLD
DATE:	JANUARY 12, 2000	DESG BY: SES
PROJECT:	98181	CHK BY: SES

D1

CAD FILE: DRAINAGE-EXISTING.BLE SCALE: 1"=100' PLOT DATE: 12/28/99



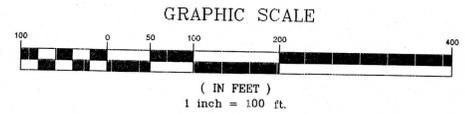
**SOILS LEGEND**  
 AREA EAST OF BASEBALL FIELD FROM SOIL SURVEY BY PINKHAM & GREER

SOIL TYPE	HSG
UD - MANMADE	B/C
DF - DIXFIELD	C
Ni - NICHOLVILLE	A
Co - COLTON	A
Sc - SCANTIC	C/D
TN/LY - TUNBRIDGE/LYMAN	C/D

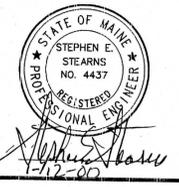
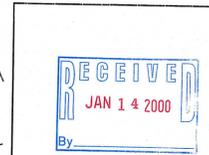
AREA WEST OF BASEBALL FIELD FROM COUNTY SOIL SURVEY

SOIL TYPE	HSG
CU - CUT AND FILL	C (ASSUMED)
HrB - HOLLIS	C/D
Md - MADE LAND	C (ASSUMED)
PbB - FAXTON	C
WmB - WINDSOR	A

**BENCHMARK**  
 BENCHMARK IS FINISHED FLOOR OF CAFETERIA AT THE NORTHEAST DOORWAY. ELEVATION IS ASSUMED 100.00.



- LEGEND**
- SUBCATCHMENT
  - REACH
  - POND
  - DRAINAGE SUBCATCHMENT BOUNDARY
  - EXISTING CATCH BASIN AND STORM DRAIN
  - DRAINAGE DIRECTIONAL ARROW
  - TIME OF CONCENTRATION
  - PROPOSED CATCH BASIN AND STORM DRAIN
  - SOILS BOUNDARY (BASED ON CUMBERLAND COUNTY SOIL SURVEY AND SOILS INVESTIGATIONS BY PINKHAM AND GREER)



REV.	DATE	DESCRIPTION
1	1-12-00	Rev'd Access Road & Reconfigured Subcatchments 52 (9)

**TOWN OF YARMOUTH  
 YARMOUTH, MAINE**

**PINKHAM & GREER**

CONSULTING ENGINEERS, INC.  
 FALMOUTH, MAINE

**DRAINAGE-PROPOSED**

SCALE: 1"=100'	DRN BY: BLD
DATE: DEC 28, 1999	DESG BY: SES
PROJECT: 98181	CHK BY: