BUILDING UNDERDRAINS ARE NOT SHOWN, BUT ARE TO CONNECT TO ONE OF THE SIX UNDERDRAIN OUTFALLS FROM THE BUILDING.

THE DIV 2 CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF THE BUILDING UNDERDRAINS

FOR CATCH BASIN TYPES, SLOPES AND RIM ELEVATIONS, REFER TO PROFILE SHEETS C-26, C-27, AND NS-C-5. (SITE CB ARE EITHER 4'-0" DIA. OR 2'-0" SQ.).

CATCH BASINS 12A, 12B, 13, 14, 15, 18, 18A, 18B, AND THE TWO FIELD INLETS IN FRONT OF THE BUILDING REQUIRE CASCO BAY TRAPS. THE OTHER CATCH BASINS ARE UP GRADIENT OF THE WATER QUALITY UNIT AND DO NOT REQUIRE CASCO BAY TRAPS.

SOFT PLAY AREA

FINISH ELEVATIONS UNDER THIS CONTRACT

1. 115.5
2. 115.1
3. 114.6
4. 114.6
5. 115.0
6. 115.5

FINAL GRADING AND INSTALLATION OF THE SOFT PLAY AREA SURFACE WILL BE COMPLETED UNDER A FUTURE CONTRACT

INSTALL THREE ROWS OF 4" UNDERDRAIN OR 6" ADVANTAGE BEHIND AMPHITHEATER SEATING AND ONE ROW NEAR EDGE OF HARD PLAY AREA. CONNECT USING TEES AND 6" UNDERDRAIN OUTFALL TO CB#4. MAINTAIN 3'-0" MINIMUM COVER AND POSITIVE SLOPE. REFER TO DRAWING C-9 FOR SITE IMPROVEMENTS PERTAINING TO AMPHITHEATER

GRANITE AND OTHER SITE AMENITIES NOT SHOWN. REFER TO DRAWINGS C-9, C-9.1 AND C-9.2 FOR THESE SITE IMPROVEMENTS. THE UNDERDRAIN IN THE AMPHITHEATER IS A PORTION OF THE BASE BID.

EXISTING S.D. FIELD INLET

UNDERDRAIN OUTLET INV=115.5

UD TEE INV=115.64

UD S=.01

INV 119.48

INV 116.23

INV 117.5

PLAYFIELDS SOFTBALL/ MULTIPURPOSE

S=.01

INV 117.17

GRADE BREAK

INV 117.83

121.75

122.58

INV 118.03

120.9

121.0

121.1

121.2

121.3

121.4

121.5

121.4

121.3

S=.015

4" UD

1%

2%

RETAINING WALL WILL BE REQUIRED IF EASEMENT IS NOT SECURED FROM ABUTTER. REVIEW PENDING.

BLANKET DRAIN AND BALLFIELD UD ARE PART OF BID ALT. #10 NOT THE BASE BID

INV 117.34

120.50

INV 114.83

4" UD OR ADVANTAGE (TYP.) SEE DETAIL

STORM DRAIN MANHOLE- SEE DETAIL

INV 114.43

INV 114.03

ADVENTURE PLAY AREA (TURF UNDER BASE BID)

UD TEE INV=116.44

BOTTOM OF STEPS 100.60

8 RISERS @ 9" TREADS @ 15"

TOP OF STEPS 104.35

BOTTOM OF STEPS 104.60

12 RISERS @ 9" TREADS @ 15"

TOP OF STEPS 108.70

BRICK SIDEWALK

EASTERN PROMENADE

1" 109.52

SERVICE AREA

EDGE OF CONCRETE WALKHARD PLAY AREA PAVEMENT

EDGE OF CONCRETE WALKHARD PLAY AREA PAVEMENT

HARD PLAY AREA

UNDERDRAIN- SEE DETAIL

8" ROOF DRAIN INV=109.0

8" ROOF DRAIN INV=110.0

ORNAMENTAL FENCE: CONTRACTOR MAY ELECT THE FENCE TYPE SHOWN ON DRAWING C-16 WITH THIS ALIGNMENT OF THE FENCE TYPE SHOWN ON C-9 WITH CURVILINEAR ALIGNMENT

SPECIAL CATCH BASIN FRAME AND COVER (24"CIRCULAR) REFER TO DRAWING C-9 FOR SITE IMPROVEMENTS INCLUDING COMPASS ROSE AND RAISED GARDEN BEDS

FFE 114.0

PROPOSED BUILDING

FIELD INLET (TYP.) SEE DETAIL

SOFT PLAY AREA

INSTALL UD UNDER SOFT PLAY AREA

RIGID INSULATION (?) ON SHALLOW PIPE SEE DETAIL

CONNECT UD TEMPORARILY CONNECTED TO JO SEWER DURING PRIOR DEMOLITION CONTRACT

CONNECT BUILDING UD

BUS DROP-OFF & BUSSES

PARKING LOT

STAFF PARKING (31 SPACES)

ON-STREET PARKING (4 SPACES- SOUTH SIDE)

ON-STREET PARKING (5 SPACES- BOTH SIDES)

SIDEWALK INSTALLED IN 2003

CATCH BASIN (TYP.) SEE DETAIL

8'x5' DIA. WATER QUALITY UNIT- SEE DETAIL

REPLACE EXISTING STORM DRAIN

PROTECT 24" SAN SEWER

REPLACE EXISTING STORM DRAIN

REMOVE EXISTING CBS, REPLACE WITH NEW CBS

REMOVE EXISTING CBS, REPLACE WITH NEW CBS

REMOVE EXISTING STORM DRAIN

NEW 24" STORM DRAIN SEE PROFILE SHEET NS-C-5

CONNECT NEW 24" STORM DRAIN TO THIS STRUCTURE- SEE DETAIL

SEAT WALL

INSTALL CATCH BASIN 18A WITH GRANITE HEADSTONE

REMOVE EXISTING CATCH BASIN 18B EXTEND 12" SD AND CONNECT NEW CATCH BASIN WITH GRANITE HEADSTONE

BUILDING UD OUTFALL (TYPICAL OF 6 LOCATIONS)

NORTH STREET

PAVED OVER

RIM=93.12 INV.IN=87.22 INV.OUT=87.02

RIM=111.92 INV. IN=106.2 INV. OUT=105

RIM=123.80 INV. IN=114.6 INV. OUT=114.5

RIM=125.58 INV.OUT=121.58

RIM=126.02 INV.OUT=120.82

RIM=128.91

RIM=126.40 INV. IN=119.4 CB1 INV. IN=118.7 CB2 INV.=118.7 12" PVC INV.=117.8 12" INV.=117.8 12"

RIM=126.10 INV. OUT=119.8

RIM=129.51 INV.OUT=122.01

RIM=131.70 10"IN=124.10 CL.INV.=123.80

RIM=134.36 12"IN=125.76 12"IN=126.36 12"OUT=125.86

RIM=132.84 12"IN=128.84 12"OUT=128.94

RIM=130.76 12"IN=125.46 12"OUT=125.36

RIM=134.05 RIM=134.00 INV.OUT=125.8

RIM=129.23

RIM=133.09 12"OUT=128.99

RIM=129.26 INV.OUT=118.76

RIM=120.04 INV.=114.4 INV.=119.5

RIM=124.60 INV.=119.6

RIM=122.10 INV.=116

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

1 inch = 30 ft.

PRELIMINARY NOT FOR CONSTRUCTION

G:\2370\dwg\CONSTRUCTION SET\2370-SP.dwg, Cb3b, 7/8/2004 3:14:16 PM, contermute

STATE OF MAINE WILLIAM G. HOFFMAN 14706 REGISTERED PROFESSIONAL ENGINEER

P.E. WILLIAM G. HOFFMAN

LIC. #14705

Revisions:

1 02/24/2004 Submitted for planning board workshop
2 03/29/2004 Second workshop submittal
3 05/06/2004 Revised per Public Works Review
4 05/24/2004 Submission
5 06/28/2004 Released for Bid

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Job No.: 2370
Date: February 24, 2004
Scale: 1"=30'
Drawn by: kew
Checked by: wgh

Drawing Title:
Grading & Drainage Plan

C-10