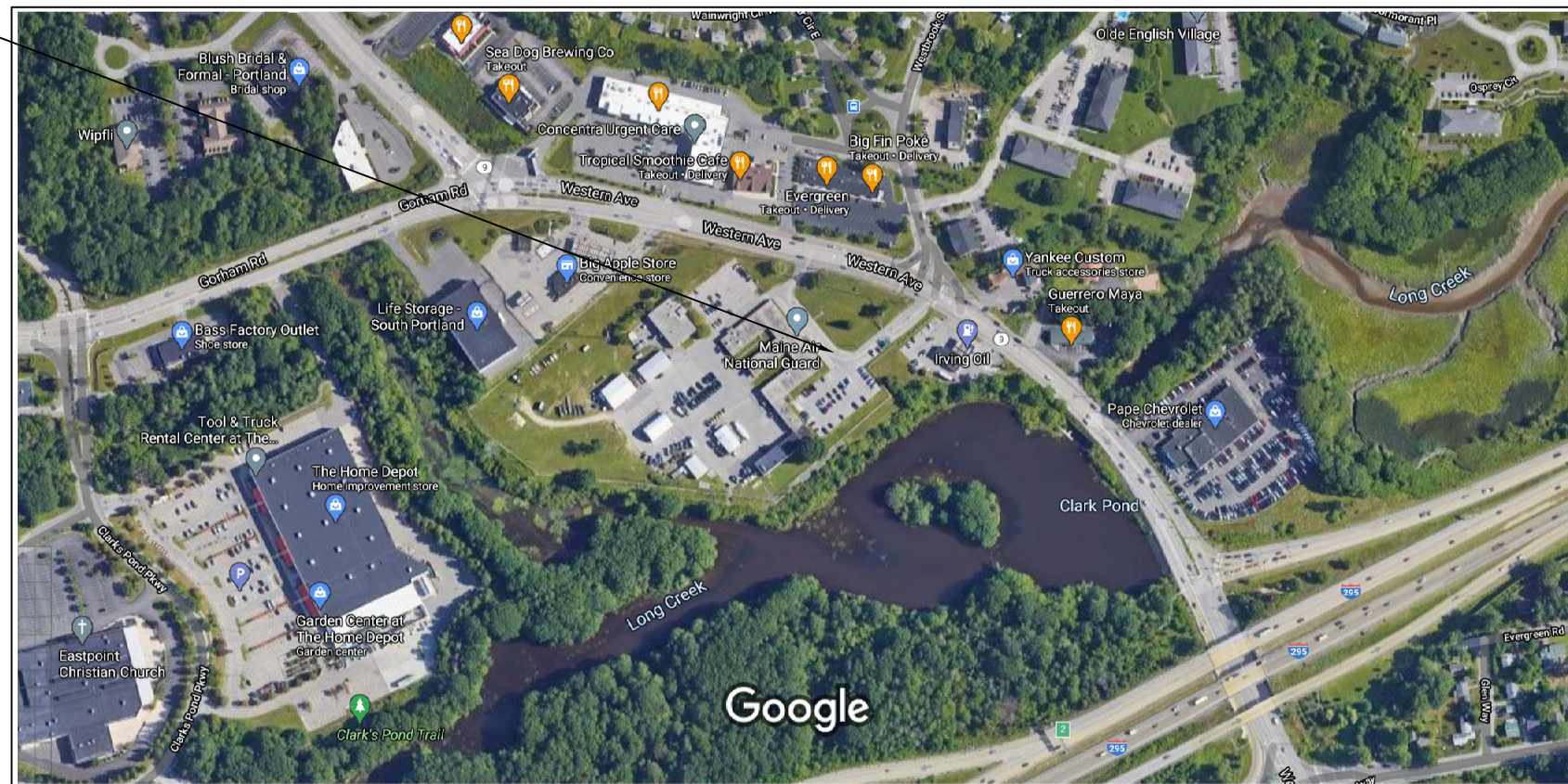


## INDEX

G-100	COVER SHEET
G-101	GENERAL NOTES
C-101	SITE PLAN PAVING
C-102	SITE PLAN PAVING
C-500	DETAILS
C-501	EROSION CONTROL

## SITE LOCATION



LOCATION MAP



106 ASHLEY ST SUITE 486  
BANGOR, ME  
04401-3051

DESIGNED BY:
101st Civil Engineering Sq

DRAWN BY:  
GLEN TOMPKINS

CHECKED BY:  
SSgt. TYLER FIELD

REVIEWED BY:  
MAJ DANIEL TREMBLEY

REVISION DATE:	15 JULY 2021
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DATE: 15 JULY 2021

PROJECT NUMBER: BGS 3249 - VVRK212001
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FY21  
REPAIR PAVEMENTS  
SOUTH PORTLAND ANG

COVER SHEET  
G-100

NOTES:






1. WORK SHALL CONFORM TO STATE, NATIONAL, AND OTHER CODES AND ORDINANCES WHICH APPLY TO THIS PROJECT. WORK SHALL BE COMPLETED IN COMPLIANCE WITH INDUSTRY STANDARDS AND PERFORMED IN A WORKMAN-LIKE, PROFESSIONAL MANNER.
2. ALL WORK IN PERFORMANCE OF THIS CONTRACT SHALL BE IN CONFORMANCE WITH MDOT STANDARD SPECIFICATION.
3. EXISTING CONDITIONS SHOWN HEREIN ARE BASED ON DIGITIZED AERIAL PHOTOS AND SURVEY DATA. CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND CONDITIONS BEFORE PROCEEDING WITH CONSTRUCTION. NOTIFY CONTRACTING OFFICER OF ANY DISCREPANCIES. PROCEED WITH WORK ONLY AFTER DISCREPANCY(IES) HAS(HAVE) BEEN RESOLVED BY THE GOVERNMENT.
4. UTILITIES SHOWN HEREIN ARE PLACED AT APPROXIMATE LOCATIONS AND ARE INTENDED FOR REFERENCE ONLY. NOT ALL UTILITIES ARE SHOWN. LOCATIONS ARE BASED ON RECORD DRAWINGS AND FIELD SURVEYS. CONTRACTOR SHALL PROVIDE THE SERVICES OF AN INDEPENDENT PRIVATE -UTILITY LOCATING COMPANY TO POSITIVELY IDENTIFY THE LOCATIONS OF UNDERGROUND UTILITIES BEFORE PROCEEDING. CONTRACTOR SHALL OBTAIN AN AF FORM 103, AND CONDUCT A COMMERCIAL DIG SAFE TO CONFIRM UTILITY LOCATION PRIOR TO COMMENCING EXCAVATION OPERATIONS. REQUESTS REQUIRE FIVE (5) BUSINESS DAYS, NOT INCLUDING WEEKENDS OR HOLIDAYS.
5. PROJECT MANAGER SHALL BE ON SITE DURING ALL TESTING AND PAVING OPERATIONS.
6. DRIVEWAY, PARKING LOT, AND SIDEWALK CLOSURES REQUIRE A MINIMUM OF 72 HOURS NOTICE TO CONTRACTING OFFICER.
7. CONTRACTOR SHALL MINIMIZE PAVEMENT JOINTS AND ENSURE CONTINUOUS PAVEMENT TO THE BEST EXTENT PRACTICAL. ALL NEW PAVEMENTS INSTALLED ALONG EXISTING PAVEMENTS SHALL HAVE A ONE (1) FOOT MINIMUM OVERLAY JOINT, PER STATEMENT OF WORK.
8. THE CONTRACTOR SHALL PROVIDE FOUR (4) INCHES OF PLANTING SOIL, SEED, AND MULCH FOR ALL DISTURBED GRASSY AREAS OR GRAVEL FOR AREAS NOT OTHERWISE SPECIFIED.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL FEDERAL , STATE OR CITY PERMITS WHICH ARE REQUIRED FOR THE SATISFACTORY COMPLETION OF THE WORK.
10. NOTIFY THE CONTRACTING OFFICER OF UNSUITABLE SOILS AND JOINING (ADJACENT) PAVEMENTS.

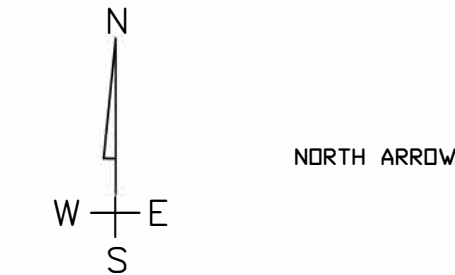
11. CONTRACTORS SHALL RAISE ALL MANHOLE COVERS, CATCH BASINS, AND VALVES TO MATCH NEW PAVEMENT GRADE.
12. UPON COMPLETION OF WORK EACH DAY THE CONTRACTOR SHALL REMOVE CONSTRUCTION MATERIALS, TOOLS, AND DEBRIS FROM INSTALLATION, THEN RESTORE THE AREA DISTURBED BY THE WORK TO ORIGINAL CONDITION. THE WORK AREA SHALL BE SWEEPED CLEAN AND A FOD (FOREIGN OBJECT DEBRIS) WALK COMPLETED AT THE END OF EACH WORK DAY. A SWEEPER/VACUUM TRUCK SHALL BE ON SITE AT ALL TIMES OR AVAILABLE ON CALL WITHIN ONE (1) HOURS NOTICE.
13. ALL NEW PAVEMENTS INSTALLED SHALL BE INSTALLED IN A MANNER THAT ALLOWS FOR POSITIVE DRAINAGE FROM PAVEMENT SURFACE TO STORM DRAINS AND/OR GRASS. CONTRACTOR IS RESPONSIBLE TO DETERMINE AND ACHIEVE FINAL GRADES AND DRAINAGE DIRECTION AND FLOW.
14. PERFORM RE-GRADING AS REQUIRED AT PAVEMENT EDGE TO SUPPORT THE EDGE AND PROVIDE PROPER DRAINAGE AWAY FROM PAVED SURFACE.
15. CARE SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SYSTEMS AND SURFACES. ALL DAMAGE RESULTING FROM CONTRACTORS OPERATIONS SHALL BE REPAIRED OR REPLACED AS APPROVED BY THE CONTRACTING OFFICER AT NO ADDITIONAL COST TO THE GOVERNMENT.

ABBREVIATIONS:

ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
COR	CONTRACTING OFFICER REPRESENTATIVE
ELEC	ELECTRICAL
FOD	FOREIGN OBJECT DEBRIS
FY	FISCAL YEAR
GAL	GALLON
IN	INCH
LBS	POUNDS
MDOT	MAINE DEPARTMENT OF TRANSPORTATION
MIN	MINIMUM
MM	MILLIMETER
OC	ON CENTER
OH	OVERHEAD
PSI	POUNDS PER SQUARE INCH
SF	SQUARE FEET
TYP	TYPICAL
UG	UNDERGROUND

LEGEND:

	EXISTING BUILDING
	MILL AND OVERLAY
	EXISTING PAVEMENT
	EXISTING OVERHEAD ELECTRICAL
	FENCELINE



MAINE AIR NATIONAL GUARD  
101ST CIVIL ENGINEERING SQUADRON  
  
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BANGOR, ME  
04401-3051

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GLEN TOMPKINS

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Maj. DANIEL TREMBLEY

REVISION DATE:  
15 JULY 2021

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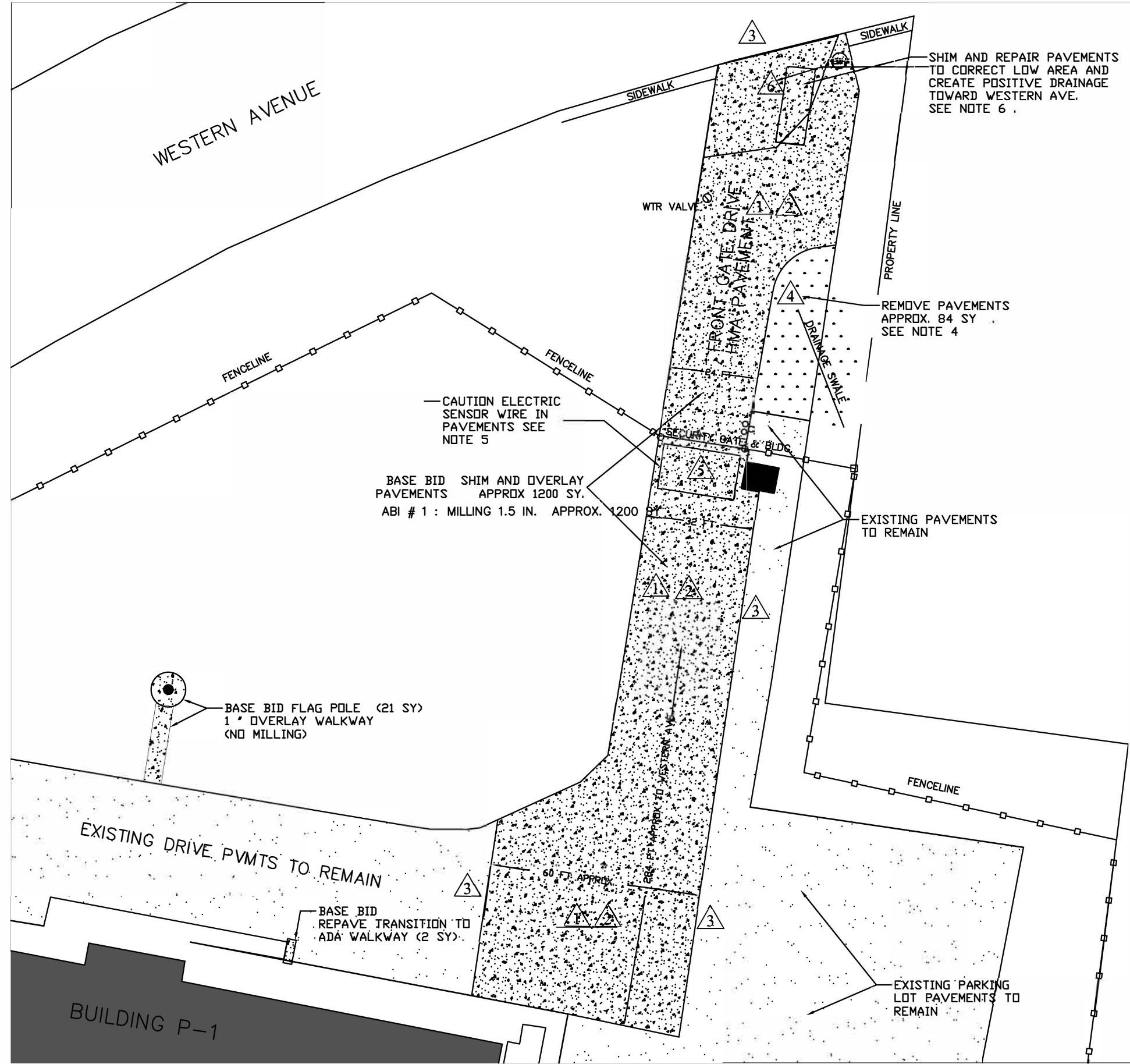
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FY21  
REPAIR PAVEMENTS  
SOUTH PORTLAND ANG

NOTES  
G-101  
SHEET 2 OF 6





CONSTRUCTION KEYNOTES AND DETAILS:

1

1

C-500

1 MILL ASPHALT (1.5) INCH DEPTH (ABI # 1)

2

2

C-500

2 SHIM AND OVERLAY ASPHALT PAVEMENT (1.5) INCH SURFACE COURSE MDOT 9.5mm HMA

3

3

C-500

3 CONSTRUCT JOINTS BETWEEN NEW OVERLAY AND EXISTING PAVEMENTS SEE DETAILS 3, 4

4

4

C-500

4 REMOVE EXISTING PAVEMENTS AND RE-GRADE AREA. PROVIDE DRAINAGE SWALE WITH POSITIVE DRAINAGE AWAY FROM PAVEMENTS TOWARD THE CORNER OF SECURITY FENCE.

5

5

C-500

5 ELECTRIC SENSOR WIRE IN PAVEMENTS. CONTRACTOR SHALL STOP MILLING IN THIS AREA TO AVOID DAMAGE TO SENSOR. OVERLAY PAVEMENTS IN THIS AREA

6

6

C-500

6 SHIM AND REPAIR PAVEMENTS TO CORRECT LOW AREA AND CREATE POSITIVE DRAINAGE TOWARD WESTERN AVE. ONCE SHIMMING IS COMPLETE VERIFY POSITIVE DRAINAGE USING SELF LEVELING LASER LEVEL PRIOR TO PLACING FINAL SURFACE COURSE.

SYMBOLS:

HMA HOT MIX ASPHALT

EDE OH ELECTRICAL EXISTING

FENCELINE



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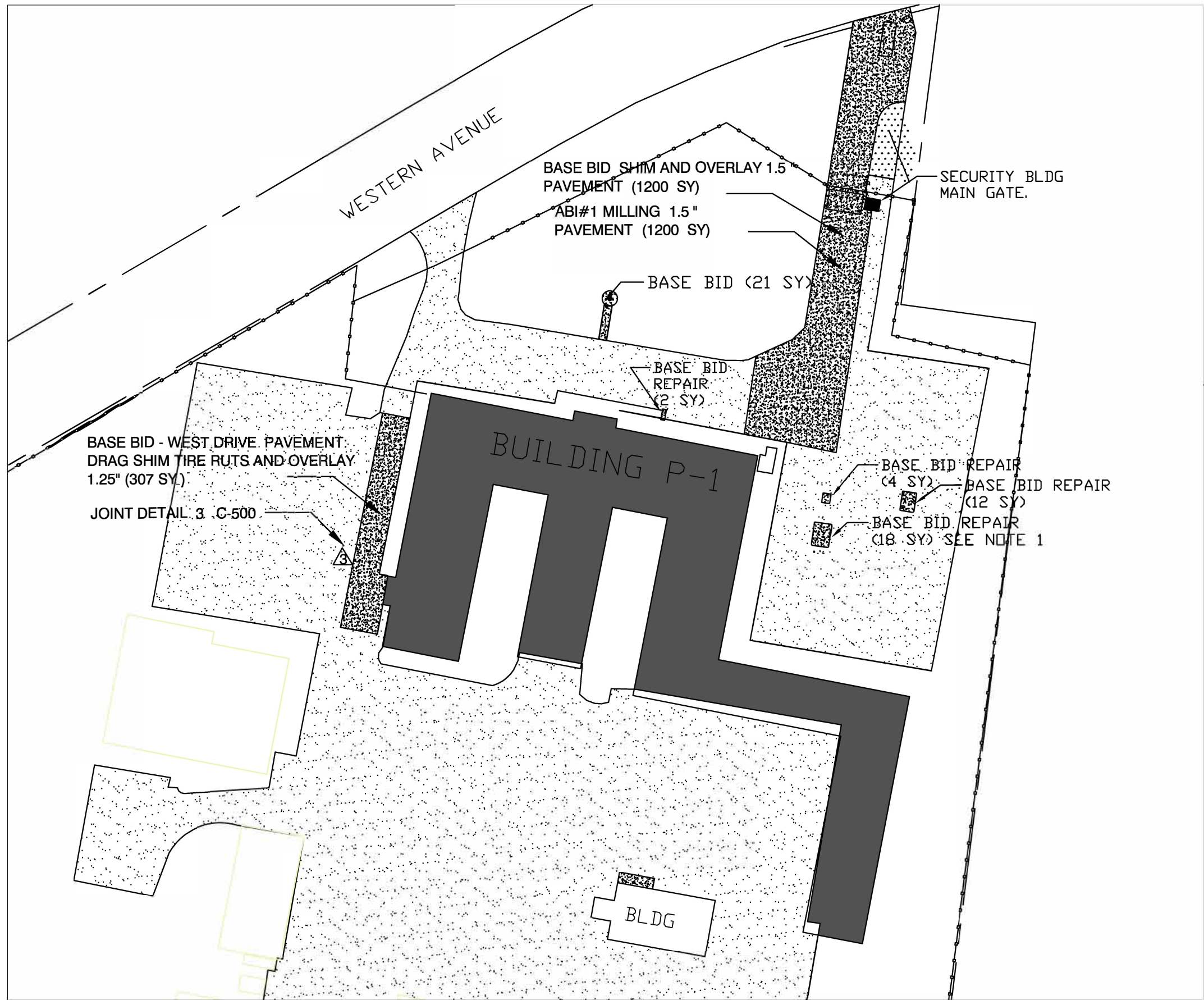
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FY21  
REPAIR PAVEMENTS  
SOUTH PORTLAND ANG

SITE PLAN PAVING  
  
C-101  
SHEET 3 OF 6



NOTES :

1. PAVEMENT REPAIRS - REMOVE 1.5 " PAVEMENT AND PLACE 1.5 " OF 9.5mm

SYMBOLS:

- EDE — OH ELECTRICAL EXISTING
- FENCELINE
- HMA HOT MIX ASPHALT



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FY21  
REPAIR PAVEMENTS SPANGS

SITE PLAN PAVING  
C-102  
SHEET 4 OF 6





MAINE AIR NATIONAL GUARD  
101ST CIVIL ENGINEERING SQUADRON  
  
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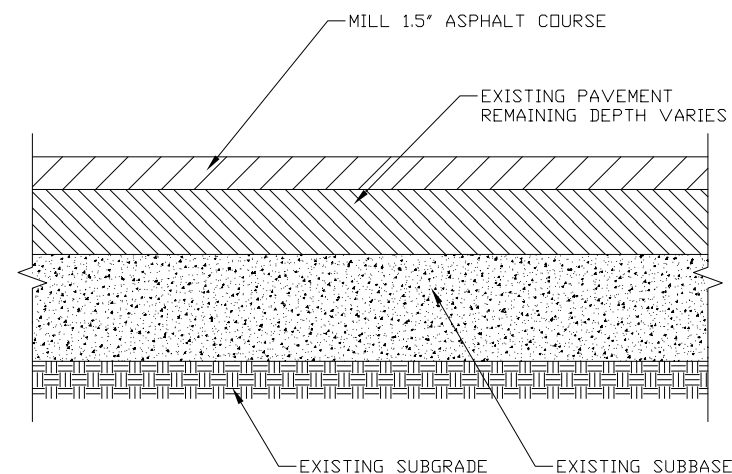
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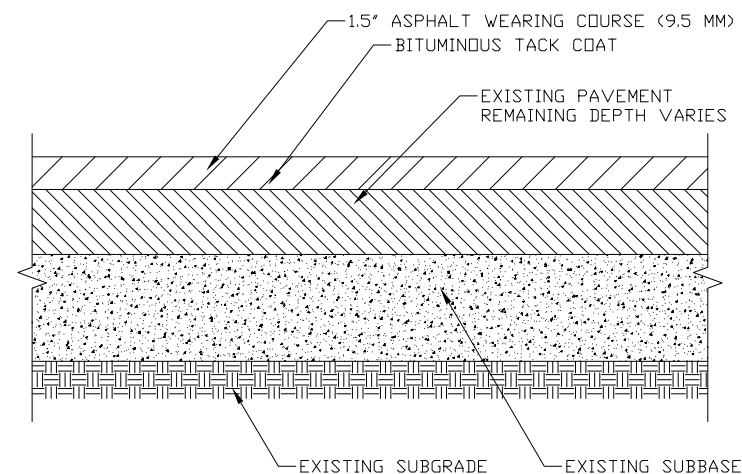
FY21  
REPAIR PAVEMENTS  
SOUTH PORTLAND ANG

DETAILS  
C-500  
SHEET 5 OF 6



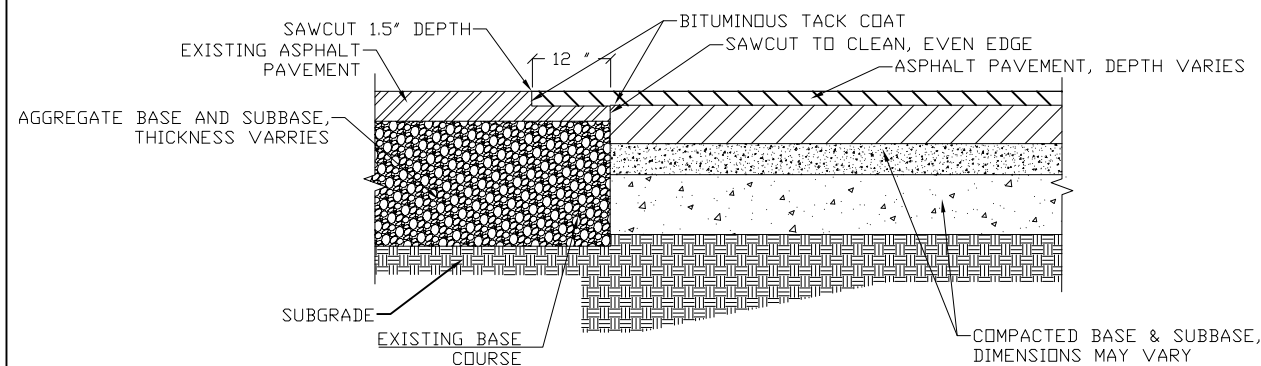
MILLING DEPTH  
NOT TO SCALE

1  
C-101



OVERLAY PAVEMENT  
NOT TO SCALE

2  
C-101

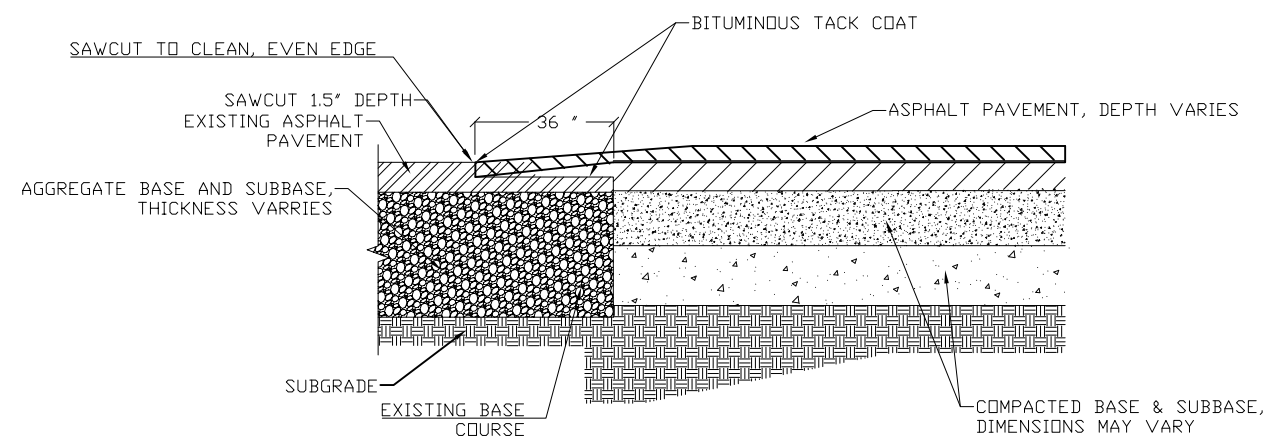


JOINT NOTES

1. SAWCUT SHALL HAVE A CLEAN VERTICAL EDGE AT EXISTING PAVEMENT.
2. JOINTS SHALL MATCH EXISTING GRADE UNLESS OTHERWISE SPECIFIED.
3. PAVEMENTS SHALL BE JOINED BY A MINIMUM 12 IN. OVERLAP JOINT BETWEEN OVERLAY AND EXISTING PAVEMENTS.

JOINT BETWEEN EXISTING , MILL AND OVERLAY PVMT  
NOT TO SCALE

3  
C-101



JOINT NOTES

1. SAWCUT SHALL HAVE A CLEAN VERTICAL EDGE AT EXISTING PAVEMENT.
2. JOINTS SHALL MATCH EXISTING GRADE UNLESS OTHERWISE SPECIFIED.
3. PAVEMENTS SHALL BE JOINED BY A MIN. OVERLAP 36 IN. TRANSITION JOINT BETWEEN OVERLAY AND EXISTING PAVEMENTS.

TRANSITION JOINT BETWEEN EXISTING AND OVERLAY  
NOT TO SCALE

4  
C-101

EROSION AND SEDIMENT CONTROL NOTES

A. CONSTRUCTION PLANNING – GENERAL NOTES

- DURING CONSTRUCTION AND THEREAFTER, IMPLEMENT EROSION CONTROL MEASURES AS INDICATED AS WELL AS ANY ADDITIONAL MEASURES NECESSARY TO CONTROL EROSION IN ACCORDANCE WITH THE MAINE EROSION AND SEDIMENT CONTROL LAWS. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE DOCUMENT ENTITLED "MAINE EROSION AND SEDIMENT CONTROL BMPs", DATED MARCH 2003, BY THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
- LAYOUT THE LIMITS OF SOIL DISTURBANCE ON THE SITE PRIOR TO BEGINNING EARTHWORK OPERATIONS. TO THE EXTENT POSSIBLE, ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING SOIL DISTURBANCE.
- LIMIT AREAS OF EXPOSED SOILS TO THOSE AREAS THAT WILL ACTIVELY BE WORKED TO ESTABLISH FINISH GRADES. AREAS OF EXPOSED SOILS THAT REMAIN UNWORKED FOR MORE THAN 7 DAYS SHALL BE STABILIZED USING TEMPORARY MULCHING (IF THE SOIL WILL BE PERMANENTLY STABILIZED WITHIN 30 DAYS) OR TEMPORARY SEEDING AND MULCHING (IF THE SOIL WILL NOT BE PERMANENTLY STABILIZED WITHIN 30 DAYS). AREAS OF EXPOSED SOILS SHALL BE PERMANENTLY STABILIZED WITHIN 7 DAYS OF ESTABLISHING FINISH GRADE. DISTURBED SOILS DO NOT INCLUDE COMPACTED STRUCTURAL FILLS SEED FOR ROADS, PARKING LOTS OR SIDEWALKS. TEMPORARY EROSION CONTROL MEASURES INCLUDE THE USE OF SILT FENCE, HAY BALE BARRIERS AND TEMPORARY SEEDING AND MULCHING. PERMANENT EROSION CONTROL MEASURES INCLUDE THE USE OF EROSION CONTROL BLANKETS, RIPRAP OUTLET PROTECTION, AND PERMANENT SEEDING AND MULCHING.
- PROVIDE 4 INCHES OF PLANTING SOIL, SEED AND MULCH ON ALL DISTURBED AREAS NOT OTHERWISE SPECIFIED. PERMANENT SEEDING SHALL BE PERFORMED BETWEEN APRIL 15 AND SEPTEMBER 15. WATER ALL VEGETATED AREAS AS NECESSARY TO ESTABLISH A VIGOROUS TURF. REFER TO SPECIFICATION SECTION 329200, "TURF AND GRASSES" FOR REQUIREMENTS FOR PERMANENT SEEDING.
- PROTECT ALL STABILIZED AREAS FROM EROSION AND IMMEDIATELY REPAIR/REVEGETATE ERODED AREAS.
- REMOVE ALL TEMPORARY EROSION CONTROL MEASURES WITHIN 30 DAYS FOLLOWING THE ESTABLISHMENT OF SATISFACTORY STAND OF VEGETATION.

B. DITCH AND CULVERT STABILIZATION

- STABILIZE SECTIONS OF DITCHES, SWALES, AND CHANNELS BROUGHT TO FINAL GRADE WITH A RIPRAP LINING OR PROPERLY INSTALLED EROSION CONTROL BLANKETS (USED OVER PERMANENT SEEDING) WITHIN 24 HOURS.
- USE STONE CHECK DAMS AND TEMPORARY MULCHING IN ANY ROUGH GRADED DITCH THAT WILL NOT BE FINAL GRADED AND PERMANENTLY STABILIZED WITHIN THE NEXT 7 DAYS. THE STONE CHECK DAMS AND MULCHING SHALL BE PUT IN PLACE WITHIN 48 HOURS OR PRIOR TO ANY RAINFALL.
- INSTALL RIPRAP OUTLET PROTECTION WITHIN 24 HOURS OF PLACING STORM DRAIN OUTLETS.

C. SOIL STOCKPILE STABILIZATION

- SOIL AND FILL STOCKPILES EXPECTED TO REMAIN IN PLACE FOR LESS THAN 30 DAYS SHALL BE COVERED WITH HAY MULCH (AT 90 POUNDS HAY PER 1,000 SQUARE FOOT) OR COVERED WITH AN ANCHORED TARP WITHIN 7 DAYS OR PRIOR TO ANY RAINFALL.
- SOIL AND FILL STOCKPILES EXPECTED TO REMAIN LONGER THAN 30 DAYS SHALL BE SEEDDED WITH A CONSERVATION MIX OF ANNUAL RYE GRASS (AT 0.9 POUNDS PER 1,000 SQUARE FOOT) AND HAY MULCHED (AT 90 POUNDS HAY PER 1,000 SQUARE FOOT) WITHIN 7 DAYS OR PRIOR TO ANY RAINFALL.
- ALL SOIL AND FILL STOCKPILES SHALL HAVE A SEDIMENT BARRIER (E.G. HAY BALE BARRIER OR SILT FENCING) INSTALLED AROUND THE DOWNHILL EDGE OF THE STOCKPILE TO TRAP SEDIMENTS.

D. MAINTENANCE DURING CONSTRUCTION

- MAINTAIN EROSION CONTROL MEASURES FOR THE LIFE OF THE PROJECT AND UNTIL PERMANENT STABILIZATION OF THE ENTIRE SITE IS ESTABLISHED. PERMANENT STABILIZATION SHALL CONSIST OF AT LEAST 85 PERCENT VEGETATION, GRAVEL OR SAND SURFACING OR RIPRAP.
- INSPECTION EROSION CONTROL MEASURES AND OTHER AREAS OF THE SITE WEEKLY, BEFORE AND AFTER EACH RAIN EVENT, AND PRIOR TO COMPLETING PERMANENT STABILIZATION. PROMPTLY REPAIR/REPLACE ALL MEASURES DAMAGED OR OTHERWISE NOT FUNCTIONING AS INTENDED.
- MAINTAIN A LOG (REPORT) SUMMARIZING THE INSPECTIONS AND CORRECTIVE ACTION TAKEN. THE LOG SHALL INCLUDE THE NAME AND QUALIFICATIONS OF THE PERSON MAKING THE INSPECTIONS, THE DATE OF THE INSPECTIONS, AND MAJOR OBSERVATIONS ABOUT THE OPERATIONS AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS, MATERIAL STORAGE AREAS, AND VEHICLE ACCESS POINTS. THE LOG SHALL BE MADE ACCESSIBLE TO MDEP STAFF AND A COPY PROVIDED UPON REQUEST.
- SEDIMENT ACCUMULATIONS SHALL BE REMOVED FROM SILT FENCES AND HAY BALE BARRIERS WHEN THE SEDIMENT DEPTH EXCEEDS 6 INCHES.

E. TEMPORARY SEEDING

- BEDDING– REMOVE STONES AND TRASH THAT WILL INTERFERE WITH SEEDING THE AREAS. WHERE FEASIBLE, TILL THE SOIL TO A DEPTH OF ABOUT 3 INCHES TO PREPARE SEED BED AND MIX THE FERTILIZER INTO THE SOIL.
- FERTILIZER– FERTILIZERS SHALL BE UNIFORMLY SPREAD OVER THE AREA PRIOR TO BEING TILLED INTO THE SOIL. A 10–10–10 MIX FERTILIZER SHALL BE APPLIED AT A RATE OF 300 POUNDS PER ACRE (OR 7 POUNDS PER 1,000 SQUARE FOOT).
- SEED MIXTURE– USE ANY OF THE FOLLOWING IN UPLAND AREAS:

SEEDING RATES				
SPECIES	PER ACRE	PER 1,000 SF	DATES	DEPTH
WINTER RYE	112 LBS	2.5 LBS	8/15–9/5	1 IN
OATS	80 LBS	2.0 LBS	SPRING–5/15	1 IN
ANNUAL RYE GRASS	40 LBS	1.0 LBS	4/15–9/15 WITH MULCH	0.25 IN

- MULCHING FOR TEMPORARY SEEDING– MULCH THE SEEDDED AREA TO FACILITATE GERMINATION. APPLY MULCH IN THE FORM OF HAY OR STRAW AT A RATE OF 70 TO 90 LBS PER 1,000 SQUARE FOOT.

F. PERMANENT SEEDING

- REFER TO SECTION 329200 "TURF AND GRASSES" OF THE CONTRACT SPECIFICATIONS FOR REQUIREMENT SEEDING.

G. MULCHING

- TEMPORARY MULCHING SHALL BE USED ON SLOPES, CHANNELS, OTHER EROSION PRONE AREAS, AND ALL EXPOSED SOILS THAT CANNOT RECEIVE PERMANENT COVER WITH 7 DAYS OF DISTURBANCE. MULCH SHALL ALSO BE USED FOLLOWING TEMPORARY AND PERMANENT SEEDING AS SPECIFIED.

MULCH TYPE	RATE/1,000 SF	USE AND COMMENTS
HAY OR STRAW	70 TO 90 LBS	SHALL BE DRY AND FREE OF MOLD. MAY BE USED WITH PLANTINGS.
WOOD CHIPS OR BARK MULCH	60 TO 920 LBS	USED MOSTLY WITH TREES AND SHRUB PLANTINGS.
JUTE AND FIBROUS MATTING	PER MANUFACTURERS' SPECIFICATIONS	USE ON SLOPES, SWALES, AND OTHER EROSION- PRONE AREAS.
CRUSHED STONE 1/4" TO 1-1/2"	SPREAD MORE THAN 1/2" THICK	EFFECTIVE IN CONTROLLING WIND AND WATER EROSION.

H. EROSION CONTROL BLANKET SPECIFICATIONS

- EXCELSIOR EROSION CONTROL BLANKET SHALL CONSIST OF A MACHINE PRODUCED MESH OF CURLED WOOD EXCELSIOR COVERED WITH EITHER A 3 BY 1 INCH WEAVE OF TWISTED CRAFT PAPER OR A 2 BY 1 INCH BIODEGRADABLE EXTRUDED PLASTIC NETTING. THE MESH SHALL BE A CONSISTENT THICKNESS WITH FIBERS EVENLY DISTRIBUTED THROUGHOUT. 80 PERCENT OF THE FIBERS SHALL BE OVER 6 INCHES IN LENGTH. MINIMUM WIDTH: 48 INCHES, MINIMUM WEIGHT: 0.8 POUNDS PER SQUARE YARD.
- STRAW– COCONUT EROSION CONTROL BLANKET SHALL CONSIST OF A MACHINE PRODUCED MESH OF 70 PERCENT WHEAT STRAW AND 30 PERCENT COCONUT FIBER WITH PHOTODEGRADABLE NETTING ON BOTH SIDES AND SEWN TOGETHER WITH COTTON THREAD. MINIMUM WIDTH: 48 INCHES, MINIMUM WEIGHT: 0.75 POUNDS PER SQUARE YARD.
- JUTE EROSION CONTROL BLANKET SHALL BE UNIFORM PLAIN WEAVE SINGLE JUTE YARN AVERAGING APPROXIMATELY 130 POUNDS PER SPINDLE OF 14,400 YARDS. THE YARN SHALL BE LOOSELY TWISTED AND WOVEN INTO 48 INCH WIDE BLANKETS WITH A MINIMUM AVERAGE WEIGHT OF 1.0 POUNDS PER SQUARE YARD.

I. RIPRAP SPECIFICATION

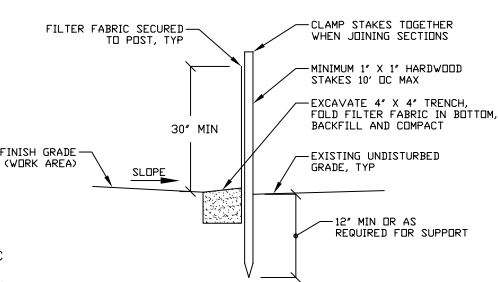
- RIPRAP SHALL CONSIST OF SOUND, DURABLE ROCK WHICH WILL NOT DISINTEGRATE BY EXPOSURE TO WATER OR WEATHER. ANGULAR FIELD STONE, ROUGH QUARRY STONE OR BLASTED LEDGE ROCK MAY BE USED. THE MEDIAN STONE SIZE SHALL BE AS INDICATED. THE MAXIMUM STONE SIZE SHALL BE TWICE THE MEDIAN SIZE. INCLUDE ENOUGH SMALLER STONES TO FILL THE VOIDS IN THE LARGER STONES.

J. WINTER STABILIZATION

- DISTURBED SLOPES– THIS STANDARD APPLIES TO ALL SLOPED GREATER THAN 15 PERCENT. THE CONTRACTOR SHALL SEED AND MULCH ALL SLOPES TO BE VEGETATED BY OCTOBER 1ST. IF THE CONTRACTOR FAILS TO STABILIZE ANY SLOPE TO BE VEGETATED BY OCTOBER 1ST, THE CONTRACTOR SHALL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SLOPE FOR LATE FALL AND WINTER.
  - STABILIZE THE SOIL WITH TEMPORARY VEGETATION AND EROSION CONTROL MATS– BY OCTOBER 1ST THE CONTRACTOR SHALL SEED THE DISTURBED SLOPE WITH ANNUAL RYEGRASS AT A SEEDING RATE OF 3 POUNDS PER 1000 SQUARE FEET AND THEN INSTALL EROSION CONTROL MATS OR ANCHORED HAY MULCH OVER THE SEEDING. THE CONTRACTOR SHALL MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS. IF THE RYE FAILS TO GROW AT LEAST THREE INCHES OR FAILS TO COVER AT LEAST 70 PERCENT OF THE SLOPE BY NOVEMBER 1ST, THEN THE CONTRACTOR SHALL COVER THE SLOPE WITH A LAYER OF EROSION CONTROL MIX AS DESCRIBED IN PARAGRAPH 2b BELOW.
  - STABILIZE THE SLOPE WITH EROSION CONTROL MIX– THE CONTRACTOR SHALL PLACE A 6 INCH LAYER OF EROSION CONTROL MIX ON THE SLOPE BY NOVEMBER 15TH.
- DISTURBED SOILS– THE CONTRACTOR SHALL SEED AND MULCH ALL DISTURBED SOILS ON THE SITE BY OCTOBER 1ST. IF THE CONTRACTOR FAILS TO STABILIZE DISTURBED AREAS BY OCTOBER 1ST, THE CONTRACTOR SHALL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SOIL FOR LATE FALL AND WINTER.
  - STABILIZE THE SOIL WITH TEMPORARY VEGETATION– BY OCTOBER 1ST THE CONTRACTOR SHALL MULCH THE DISTURBED SOILS WITH ANNUAL RYEGRASS AT A SEEDING RATE OF 3 POUNDS PER 1000 SQUARE FEET, LIGHTLY MULCH THE SEEDDED SOIL WITH HAY OR STRAW AT 75 POUNDS PER 1000 SQUARE FEET, AND ANCHOR THE MULCH WITH PLASTIC NETTING. THE CONTRACTOR SHALL MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS. IF THE RYE FAILS TO GROW AT LEAST THREE INCHES OR FAILS TO COVER AT LEAST 75 PERCENT OF THE DISTURBED SOIL BEFORE NOVEMBER 1ST, THEN THE CONTRACTOR SHALL MULCH THE ARE FOR OVER-WINTER PROTECTION AS DESCRIBED IN PARAGRAPH 2b BELOW.
  - STABILIZE THE SOIL WITH MULCH– BY NOVEMBER 15TH THE CONTRACTOR SHALL MULCH THE DISTURBED SOIL BY SPREADING HAY OR STRAW AT A RATE OF AT LEAST 150 POUNDS PER 1000 SQUARE FEET ON THE AREA SO THAT NO SOIL IS VISIBLE THROUGH THE MULCH. IMMEDIATELY AFTER APPLYING THE MULCH, THE CONTRACTOR SHALL ANCHOR THE MULCH WITH NETTING OR OTHER METHODS TO PREVENT WIND FROM MOVING THE MULCH OFF THE DISTURBED SOIL.

K. DUST CONTROL NOTES

- THE CONTRACTOR SHALL IMPLEMENT ALL NECESSARY MEASURES TO CONTROL THE BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES. THE FOLLOWING METHODS SHALL BE CONSIDERED FOR CONTROLLING DUST:
  - MULCHES– MULCH AREAS SUBJECT TO DUST MOVEMENT IN ACCORDANCE WITH THE STATE STANDARD FOR STABILIZATION WITH MULCH ONLY.
  - SPRINKLING– SPRINKLE AREAS SUBJECT TO DUST MOVEMENT WITH WATER UNTIL THE SURFACE IS WET. REPEAT SPRINKLING AS REQUIRED.
  - CALCIUM CHLORIDE– CALCIUM CHLORIDE SHALL BE IN THE FORM OF LOOSE, DRY GRANULES OR FLAKES OF A SIZE SUITABLE FOR COMMONLY USED SPREADERS. CALCIUM CHLORIDE SHALL BE APPLIED AT A RATE THAT WILL KEEP THE SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE.
  - STONE– COVER SURFACES SUBJECT TO DUST MOVEMENT WITH CRUSHED STONE OR COARSE GRAVEL.



SILT FENCE NOTES

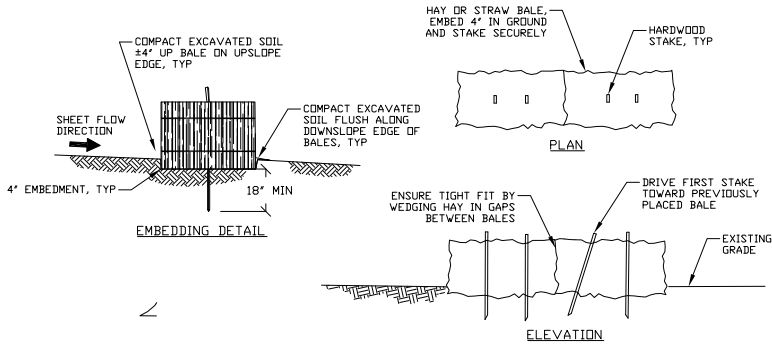
- SEDIMENT DEPOSITS SHALL BE REMOVED WHEN DEPOSITS EXCEED 6 INCH DEPTH.
- SILT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL AND ALL NECESSARY REPAIRS/REPLACEMENTS MADE IMMEDIATELY.
- SILT FENCE SHALL BE REMOVED AFTER SATISFACTORY VEGETATIVE COVER IS ESTABLISHED. PROVIDE PLANTING SOIL, FINISH GRADE, SEED AND MULCH DISTURBED AREA.

TYP SILT FENCE  
NOT TO SCALE



TYP CATCH BASIN PROTECTION (TYPE A)

NOT TO SCALE



HAY BALE BARRIER NOTES

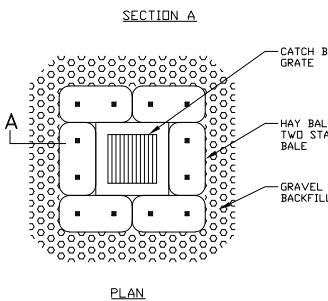
- INSTALL HAY BALE BARRIERS FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE, WITH THE ENDS FLARED UPSLOPE
- INSPECT HAY BALE BARRIERS IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. MAKE ALL NECESSARY REPAIRS/REPLACEMENTS IMMEDIATELY.
- REMOVE SEDIMENT DEPOSITS WHEN DEPOSITS EXCEED ONE HALF THE HEIGHT OF THE BARRIER.
- REMOVE HAY BALE BARRIERS AFTER SATISFACTORY VEGETATIVE COVER IS ESTABLISHED UPSLOPE. PROVIDE PLANTING SOIL, FINISH GRADE, SEED AND MULCH ARE DISTURBED FROM BARRIER REMOVAL.

TYP HAY BALE BARRIER  
NOT TO SCALE



TYP CATCH BASIN PROTECTION (TYPE B)

NOT TO SCALE



MAINE AIR NATIONAL GUARD  
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FY21  
REPAIR PAVEMENTS  
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C-501  
SHEET 6 OF 6