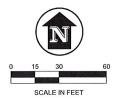
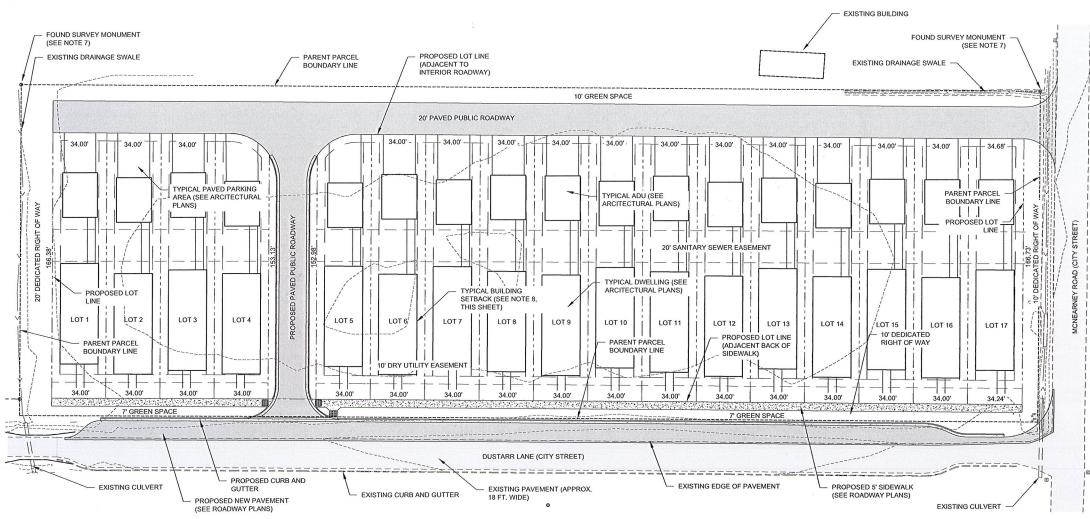
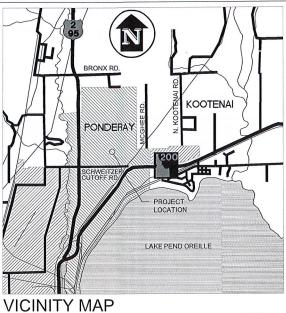
PONDERAY COTTAGES SITE DEVELOPMENT PLANS

PARCEL RPP0441008000DA/ STARR'S ACREAGE, BLOCK 8, LESS N 413 FT., 57N-2W-2, BOISE MERIDIAN, PONDERAY, IDAHO







DEVELOPER

PONDERAY COTTAGES, LLC C/O BEN MCGRANN P.O. BOX 531 DOVER, ID 83825

DRAWING INDEX

SHEET#	TITLE
1	SITE PLAN
2	GRADING AND STORM WATER MANAGEMENT PLAN
3	ROAD PLAN AND PROFILE
4	DETAILS
5	SPECIFICATIONS

- ALL WORK SHALL CONFORM TO THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (2017), CITY OF PONDERAY, AND THE PROJECT SPECIFICATIONS SHOWN ON THESE PLANS.
- CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL EXISTING SITE ELEMENTS SHOWN ON THESE PLANS, INCLUDING UTILITIES, SURFACE FEATURES, TOPOGRAPHY, AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE BEGINNING WORK.
- ALL EASEMENTS AND PROPOSED RIGHTS OF WAY SHALL BE APPROVED BY THE CITY PRIOR TO DRAINAGE AND ROADWAY CONSTRUCTION, CONTRACTOR SHALL OBTAIN A PERMIT FROM THE CITY OF PONDERAY FOR ANY

MONUMENTS. DAMAGED MONUMENTS SHALL BE RESTORED BY A LICENSED

- WORK IN EXISTING RIGHTS-OF-WAY.
 ALL DISTURBED SOIL AREAS SHALL BE RESEEDED WITH NATIVE VEGETATION FOLLOWING CONSTRUCTION.
 CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES AND
- SURFACE FEATURES. DAMAGE TO EXISTING UTILITIES AND EXPENSE. DAMAGE TO EXISTING UTILITIES AND FEATURES SHALL BE RESTORED AND REPAIRED AT THE CONTRACTORS EXPENSE. CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING SURVEY
- SURVEYOR AT THE CONTRACTORS EXPENSE.
 THE FOLLOWING MINIMUM SETBACKS ARE APPLICABLE TO THIS PROJECT (REFERENCED FROM EXTERIOR BUILDING WALL TO PROPERTY LINE): FRONT YARD = 15' (5' FOR ARCHITECTURAL PROJECTIONS)
 SIDE YARD = 5'
 REAR YARD = 5'



Bonner Boundary One Call 811



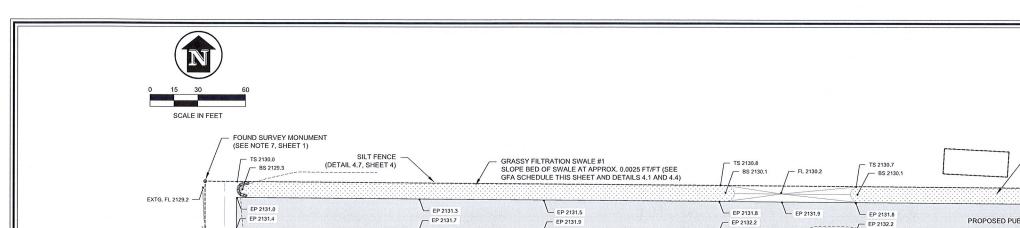
DPOINT, IDAHO 83864 (208) 263-4160 James A. Sewell and Associates, LLC

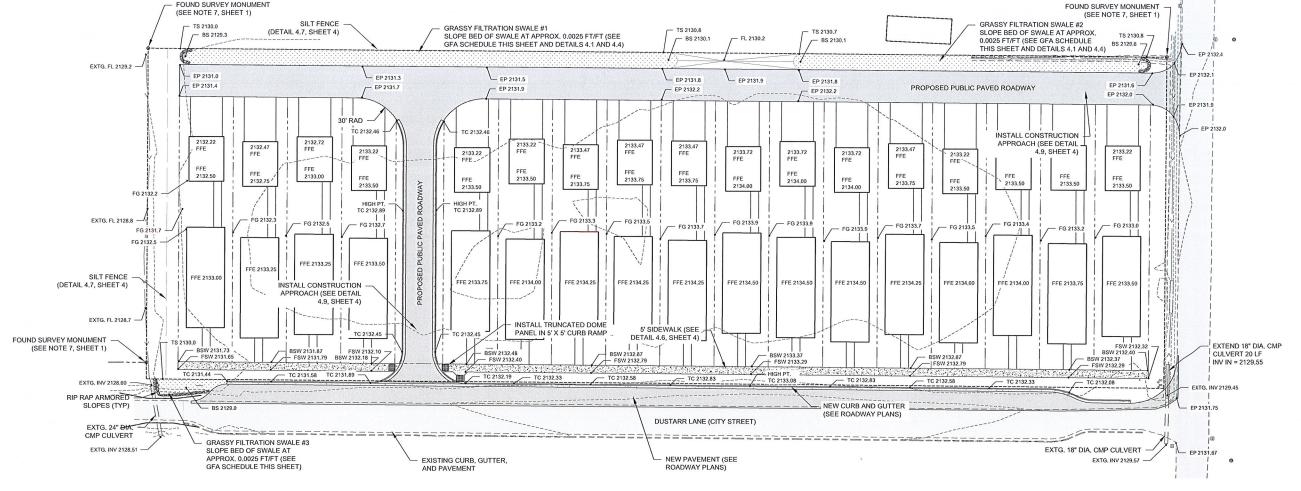


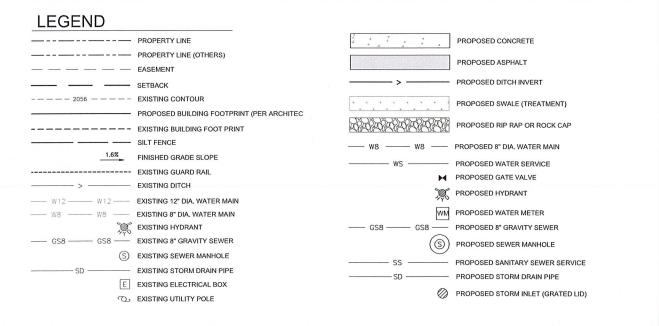
PROJECT: PONDERAY COTTAGES PONDERAY, IDAHO

02-20-202 AS SHOWN BSE BSB

13342-20-002 AD FILE: -MCGRANN_2021-03-01.dwg SHEET <u>1</u> OF <u>5</u>







SPOT ELEVATION KEY

FFE = FINISH FLOOR ELEVATION

INV = INVERT OF PIPE ELEVATION

EP = EDGE OF HMA PAVEMENT ELEVATION

TC = TOP BACK OF CURB

EG = EXISTING GRADE ELEVATION

AG = ADJACENT GRADE (I.E. BACKFILL AT FDN. WALL)

FG = RANDOM FINISH GRADE ELEVATION

TS = TOP OF SWALE ELEVATION

S = BED OF SWALE ELEVATION

FL = FLOW LINE ELEVATION OF DITCH OR SWALE

FSW = FRONT OF SIDEWALK ELEVATION

BSW = BACK OF SIDEWALK ELEVATION

TBM = TEMPORARY BENCH MARK

TW = TOP OF WALL ELEVATION

BW = BOTTOM OF WALL ELEVATION

GRASSY FILTRATION AREA (GFA) SCHEDULE											
GFA NO.	TOP WIDTH	BED WIDTH	LENGTH	DEPTH	SLOPE	FREE BD	VOLUME	WEIR CREST			
1	10 FT.	2 FT.	312 FT.	8 IN.	0.25%	2 IN.	546 CF	6 FT			
2	10 FT.	2 FT.	224 FT.	8 IN.	0.25%	2 IN.	392 CF	5 FT			
3	8 FT. AVG.	2 FT.	44 FT.	12 IN.	0.25%	2 IN.	150 CF	6.5 FT			



Bonner Boundary One Call **811**

3/3/2021										
ILY					DRN/CHK					
FOR PERMITTING ONLY					REVISION					
					DATE:					
					No.					
James A. Sewell and Associates. LLC		1319 NORTH DIVISION AVENUE	SANDPOINT IDAHO 83864	(000) 000 4400	(208) 263-4160					
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GRADING AND STORM WATER
MANAGEMENT PLAN
PROJECT:
PONDERAY COTTAGES
PONDERAY, IDAHO

DATE: 02-20-2021

SCALE: AS SHOWN

DESIGNED BSB

DRAWN: BSB

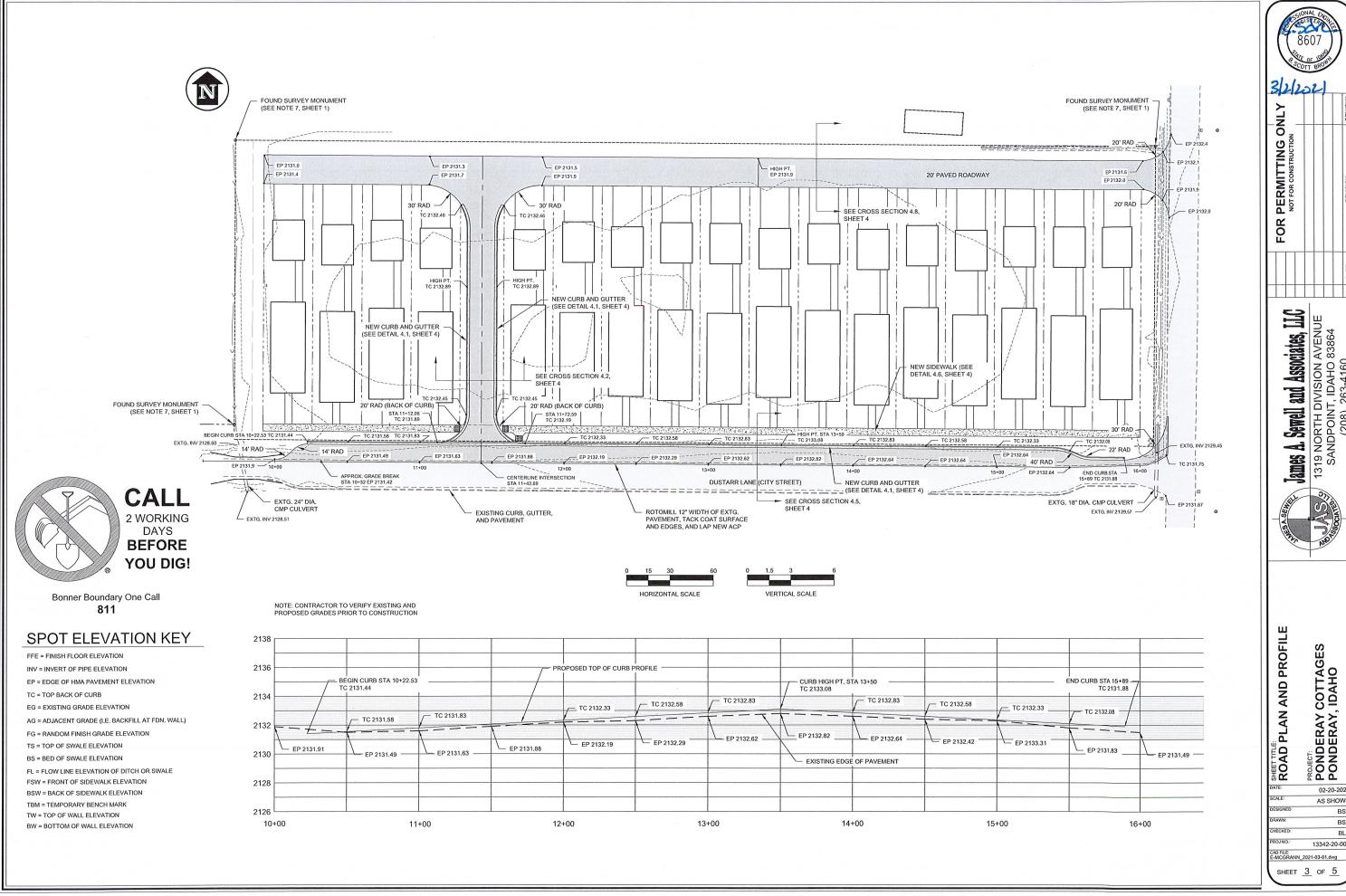
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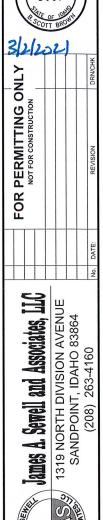
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SHEET 2 OF 5





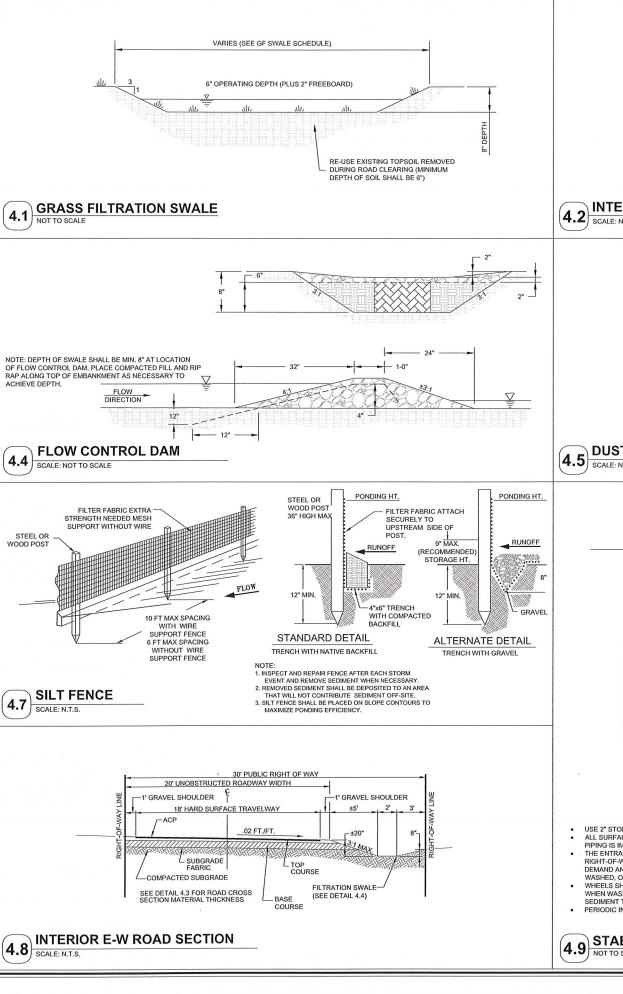
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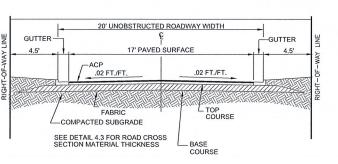
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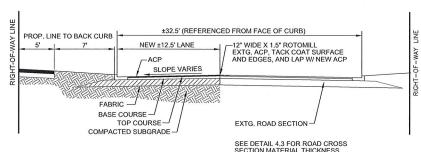
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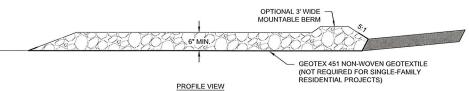


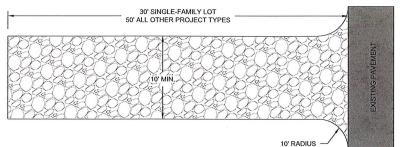


INTERIOR N-S ROAD SECTION



4.5 DUSTARR LN. ROAD SECTION SCALE: N.T.S.





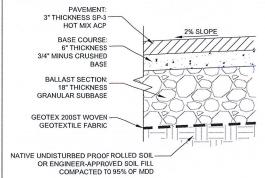
PLAN VIEW

- USE 2" STONE OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT
- ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES IS ALLOWED.

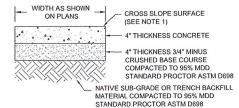
 THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC
- RIGHT-OF-WAY OR ADJACENT STREET. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY OR ADJACENT STREET MUST BE REMOVED IMMEDIATELY.
- WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY OR ADJACENT STREET. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED
- SEDIMENT TRAPPING DEVICE.

 PERIODIC INSPECTION AND ASSOCIATED MAINTENANCE SHALL BE PROVIDED AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT.

4.9 STABILIZED CONSTRUCTION ENTRANCE



4.3 TYP. ROAD MATERIAL SECTION SCALE: N.T.S.

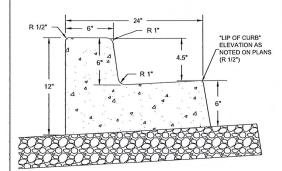


- NOTES:

 1. CROSS SLOPE OF SIDEWALK PERPENDICULAR TO PATH OF TRAVEL MIN. 1.5%, MAX. NOT TO EXCEED 2%

 2. SCORE SIDEWALK AT INTERVALS NOT TO EXCEED 5 FEET
- 3. INSTALL EXPANSION JOINTS WITH 1/2" PREFORMED BITUMINOUS JOINT AT 20' INTERVALS, AT PC/PT OF ALL CURVES, AND WHEREVER SIDEWALK IS PLACED NEXT TO PERMANENT FOUNDATION OR CURB

SIDEWALK SECTION

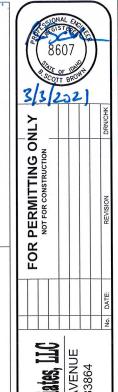


- GRADE AND ALIGNMENT TO BE ESTABLISHED AND APPROVED BY THE ENGINEER AND THE CITY OF SANDPOINT.
- 2. BASE: 4" OF 3/4 MINUS CRUSHED AGGREGATE COMPACTED TO 95% OF STANDARD PROCTOR.

 3. BASE SHALL BE A MIN, WIDTH OF 3' TO GRADE PRIOR TO SETTING
- FORMS. 1/2" PREFORMED EXPANSION JOINT MATERIAL AT TERMINAL POINTS OF RADII,
 CONTINUOUS PLACEMENT PREFERRED, SCORE AT 10' INTERVALS

- 10. STEEL ANGLE 2" X 2" X 3/16" ROLLED TO 20 FT CONCAVE OR CONVEX RADIUS AS REQUIRED

4.10 CURB & GUTTER



Sewell and Associates, LLC 1319 NORTH DIVISION AVENUE SANDPOINT, IDAHO 83864 (208) 263-4160 James



PROJECT:
PONDERAY COTTAGES
PONDERAY, IDAHO

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SHEET 4 OF 5

DETAILS

EARTHWORK AND ROADWAY SPECIFICATIONS

GENERAL - ALL EARTHWORK AND ROADWAY CONSTRUCTION SHALL CONFORM TO THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC).

CLEARING AND GRUBBING - CLEARING AND GRUBBING SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 201 OF THE ISPWC. CLEARED AND GRUBBED MATERIAL SHALL BE RE-USED ON SITE FOR CONSTRUCTION OF GRASS FILTRATION SWALES.

EXCESS EXCAVATION - EXCESS EXCAVATION SHALL REMAIN ON-SITE AND BE PLACED WHERE DIRECTED

MATERIAL STOCK PILES - ALL ERODABLE STOCK PILED MATERIALS SHALL BE COVERED WITH TARPS AND SECURED, OR THE BASE OF THE STOCK PILES SHALL BE SURROUNDED BY SILT FENCE

SUBGRADE MATERIAL - EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 200 OF THE ISPWC. SUBGRADE SHALL BE CONSTRUCTED TO WITHIN ONE-TENTH (0.1) FOOT OF LINES AND GRADES AS SHOWN ON THE PLANS. SUBGRADE COMPACTION SHALL BE TO 95% MAXIMUM DRY DENSITY (MDD) PER ASTM D698 (STANDARD PROCTOR), UNLESS OTHERWISE SPECIFIED ON THESE PLANS, NATIVE IN-PLACE SUBGRADE MATERIAL SHALL BE PROOF ROLLED PRIOR TO BALLAST PLACEMENTS.

GEOTEXTILE - GEOTEXTILE USED AS SUBGRADE SEPARATION FABRIC AND FLOW CONTROL FILTRATION FABRIC SHALL BE GEOTEX 200ST OR APPROVED EQUAL.

BALLAST - 18" DEPTH OF BALLAST SHALL CONSIST OF PITRUN GRAVEL OR FRACTURED ROCK CONFORMING TO TYPE-2 GRADATION SPECIFICATIONS AS OUTLINED IN THE ISPWC. MATERIAL SHALL BE PLACED IN 6"-9" LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.

BASE COURSE - 6" DEPTH OF TOP COURSE SHALL CONSIST OF 3/4" MINUS CRUSHED ROCK CONFORMING

TOP COURSE - 3" DEPTH OF HOT MIX ASPHALT CEMENT SP-3 WITH AGGREGATE GRADATION AND COMPACTION AS SPECIFIED BY THE IDAHO TRANSPORTATION DEPARTMENT

ROCK CAP - ROCK CAP MATERIAL SHALL CONFORM TO IDAHO DEPARTMENT OF TRANSPORTATION SECTION 703.08 AND SHALL BE CLEAN, ANGULAR, CRUSHED QUARRY ROCK, FREE OF CLAY COATINGS, LUMPS AND SOFT OR FLAKY PARTICLES.

ROADWAY COMPACTION - DENSITY TESTS SHALL BE PERFORMED FOR EVERY LIFT AT A MINIMUM FREQUENCY OF 300 LINEAR FEET, FOR ALL MATERIALS, SPECIAL ATTENTION SHALL BE PAID TO CURVE RETURNS, TURNAROUNDS OR SENSITIVE AREAS, ALL TEST RESULTS SHALL BE MADE AVAILABLE TO THE ENGINEER AT THE TIME OF FINAL CONSTRUCTION/INSPECTION.

CAST IN PLACE CONCRETE - SIDEWALKS, CURBS, AND GUTTERS SHALL BE IN ACCORDANCE WITH SECTION 700 OF THE STANDARD SPECIFICATIONS (ISPWC).

CULVERTS - CULVERTS SHALL BE CORRUGATED METAL PIPE SIZED AS SHOWN ON THE DWG'S, OR OTHERWISE SPECIFIED BY ENGINEER. CULVERTS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 601 OF THE ISPWC, ALONG WITH SECTIONS 301 (TRENCH EXCAVATION), 304 (TRENCH FOUNDATION STABILIZATION), 305 (PIPE BEDDING), AND 306 (TRENCH BACKFILL), PROVIDE MINIMUM 12 INCH COVER OR AS RECOMMENDED BY THE MANUFACTURER

ROADWAY INSPECTIONS - INSPECTIONS SHALL BE SCHEDULED WITH THE ENGINEER AT LEAST 24 HOURS IN ADVANCE, MINIMUM INSPECTION REQUIREMENTS INCLUDE:

- AFTER COMPLETION OF THE ROADWAY SUBGRADE
- AFTER PLACEMENT OF THE BALLAST
- AFTER PLACEMENT OF THE BASE ROCK AFTER PLACEMENT OF TOP COURSE
- AFTER ALL IMPROVEMENTS ARE COMPLETE INCLUDING CONSTRUCTION OF STORM WATER

EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION - THE CONTRACTOR AND DEVELOPER ARE ENTIRELY RESPONSIBLE FOR ALL EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION. ALL FROSION AND SEDIMENT CONTROL METHODS AND STORMWATER MANAGEMENT PLAN CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS SET FORTH WITHIN THE "HANDBOOK OF BEST MANAGEMENT PRACTICES FOR STORMWATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL CONTROL." (HANDBOOK), AS PREPARED FOR THE PANHANDLE HEALTH DISTRICT AND THE INTERGENCY STORMWATER COMMITTEE. IF REQUIRED, THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR OBTAINING A STORMWATER PERMIT FOR CONSTRUCTION ACTIVITIES FROM THE EPA NATIONAL DISCHARGE ELIMINATION SYSTEM PROGRAM. EROSION AND SEDIMENT CONTROL SHALL BE ACCOMPLISHED AS SHOWN ON THESE PLANS, WITH ALL METHODS IN ACCORDANCE WITH THE GUIDELINES AS DESCRIBED IN THE HANDBOOK.

TEMPORARY FROSION CONTROL BMP'S CONSIST OF: VEGETATIVE BUFFER, GRASS DITCH, GRASS INFILTRATION BASIN, & STABILIZED CONSTRUCTION ENTRANCE, SEEDING/MULCHING

GRASS DITCH MAINTENANCE:

- PERIODICALLY INSPECT DITCH AND REMOVE SEDIMENT DEEPER THAN 6 INCHES
- RE-ESTABLISH ANY VEGETATION THAT IS DAMAGED DURING HIGH-RUNOFF EVENTS

PERIODICALLY INSPECT BASIN AND REMOVE SEDIMENT DEEPER THAN 6 INCHES PERIODICALLY INSPECT DAGINATION THAT IS DAMAGED DURING
 RE-ESTABLISH ANY VEGETATION THAT IS DAMAGED DURING HIGH-RUNOFF EVENTS

- STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE:
 THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY OR ADJACENT STREET, THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT, ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY OR ADJACENT STREET MUST BE REMOVED IMMEDIATELY.

 WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC
- RIGHT-OF-WAY OR ADJACENT STREET, WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND ASSOCIATED MAINTENANCE SHALL BE PROVIDED AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT.
- THE STABILIZED CONSTRUCTION ENTRANCE MAY BE REMOVED AFTER FINAL STABILIZATION IS

SEEDING/STRAW MULCH MAINTENANCE:
• RE-SEED OR ADD STRAW MULCH TO BARE SPOTS AND WASHOUTS, AND VERIFY HEALTHY GROWTH



COTTAGES , IDAHO

SPECIFICATIONS PONDERAY C PONDERAY, I

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SHEET 5 OF 5

EARTHWORK AND ROADWAY SPECIFICATIONS

5.1 SCALE: NO SCALE