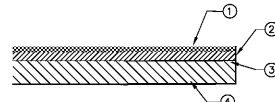


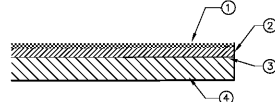
- ① 6" PORTLAND CEMENT CONCRETE (28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI)
- ② 4" LAYER OF DENSE GRADED AGGREGATE BASE COURSE, ALDOT REF 301 OF SPECIFICATIONS, ALL MATERIALS SHALL BE IN ACCORDANCE WITH SECTION 825 TYPE "B", COMPACTION OF 100% PROCTOR DENSITY.

**CONCRETE PAVEMENT: HEAVY DUTY (DUMPSTER PAD)**



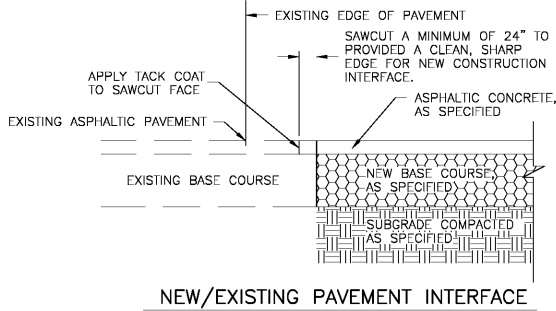
- ① 424-A 1" SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE, 1/2" MAX AGGREGATE SIZE MIX, ESAL RANGE A/B
- ② 424-B 2" SUPERPAVE BITUMINOUS CONCRETE BINDER LAYER, 3/4" MAX AGGREGATE SIZE MIX, ESAL RANGE A/B
- ③ 0.10 GAL/SY EMULSIFIED ASPHALT OR 0.07 GAL/SY TACK COAT, ALL MATERIALS ARE TO BE IN ACCORDANCE WITH SECTION 405 OF THE ALABAMA HIGHWAY DEPARTMENT SPECIFICATIONS.
- ④ 6" LAYER OF DENSE GRADED AGGREGATE BASE COURSE, ALDOT REF 301 OF SPECIFICATIONS, ALL MATERIALS SHALL BE IN ACCORDANCE WITH SECTION 825 TYPE A OR B, COMPACTION OF 100% PROCTOR DENSITY.

**ASPHALT PAVEMENT: STND DUTY**



- ① 424-A 1-1/2" SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE, 1/2" MAX AGGREGATE SIZE MIX, ESAL RANGE A/B
- ② 424-B 2" SUPERPAVE BITUMINOUS CONCRETE BINDER LAYER, 3/4" MAX AGGREGATE SIZE MIX, ESAL RANGE A/B
- ③ 0.10 GAL/SY EMULSIFIED ASPHALT OR 0.07 GAL/SY TACK COAT, ALL MATERIALS ARE TO BE IN ACCORDANCE WITH SECTION 405 OF THE ALABAMA HIGHWAY DEPARTMENT SPECIFICATIONS.
- ④ 8" LAYER OF DENSE GRADED AGGREGATE BASE COURSE, ALDOT REF 301 OF SPECIFICATIONS, ALL MATERIALS SHALL BE IN ACCORDANCE WITH SECTION 825 TYPE A OR B, COMPACTION OF 100% PROCTOR DENSITY.

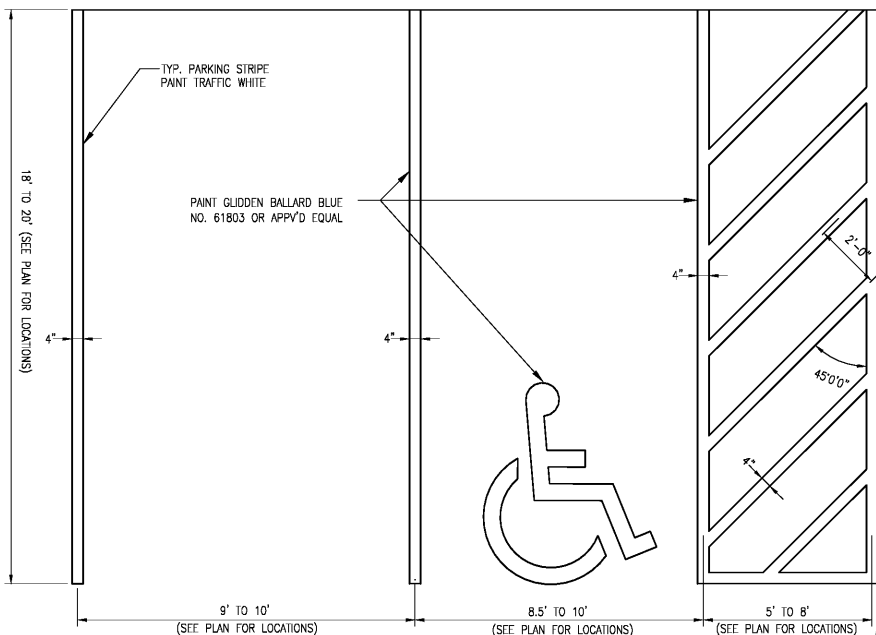
**ASPHALT PAVEMENT: HEAVY DUTY**



**NEW/EXISTING PAVEMENT INTERFACE**

**GENERAL**

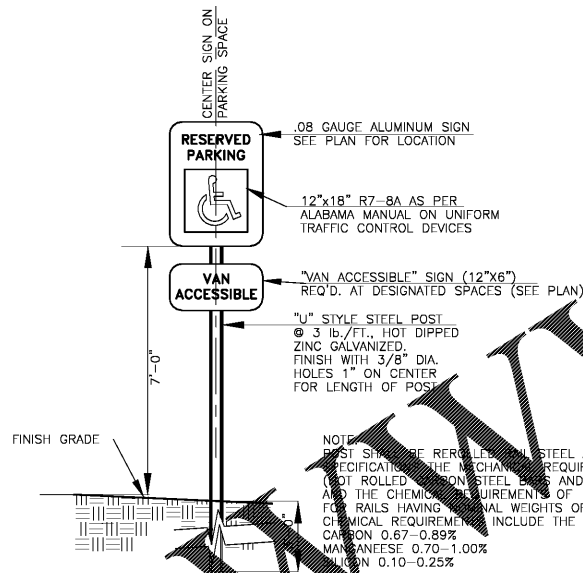
CONCRETE	ALL CONCRETE SHALL BE 3,000 PSI, 28 DAY COMPRESSIVE STRENGTH.
REINFORCING	ALL REINFORCEMENT SHALL BE DEFORMED BAR, GRADE 60.
INLET WINGS	WHERE THE DIRECTION OF FLOW IS FROM BOTH SIDES OF THE INLET, SIDE WING OPENINGS (AS SHOWN ON ONE SIDE ONLY) SHALL BE BUILT ON BOTH SIDES OF INLET. FOR EACH INLET SO BUILT PAYMENT WILL BE MADE UNDER ITEM "INLETS TYPE S, (DOUBLE WING)", WHERE ONE WING ONLY IS BUILT PAYMENT WILL BE MADE UNDER ITEM "INLET TYPE S, (SINGLE WING)".
LARGE PIPE	TO ACCOMMODATE LARGE DIAMETER PIPE, OR TO FIT OTHER CONDITIONS, IT MAY BE NECESSARY TO INCREASE ONE OR BOTH PLAN DIMENSIONS OF THE INLET BOX AND COVER SLAB. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CORRESPONDING INCREASE IN CONSTRUCTION MATERIALS WHERE CHANGES IN DIMENSIONS ARE REQUIRED.
PIPE CONNECTIONS	PIPE MAY CONNECT WITH INLETS IN ANY DIRECTION. MANY CONNECTIONS SHALL BE MADE AS ARE NECESSARY.
WEEP HOLES	2" MINIMUM DIAMETER WEEP HOLES SHALL BE CONSTRUCTED IN INLETS AS DIRECTED BY THE ENGINEER TO FACILITATE SUBGRADE DRAINAGE.
RING AND COVER	SHALL CONFORM TO THE REQUIREMENTS OF CLASS 30 FOR GRAY IRON CASTING A.A.P.C. DESIGNATION A48.
MANHOLE STEPS	MANHOLE STEPS ARE REQUIRED WHEN DIMENSION FROM BOTTOM SLAB FLOW TO TOP OF LAB IS GREATER THAN 4'-0". STEPS SHALL BE INSTALLED AT 1'-4" TO 1'-6" VERTICALLY.



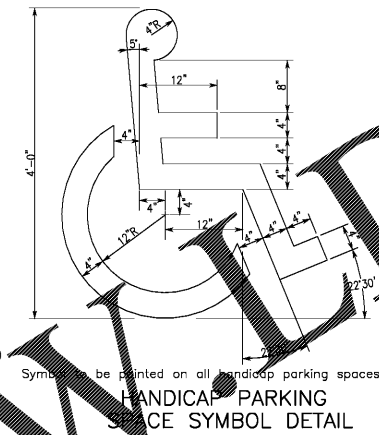
NOTE: PAVEMENT PAINTING SHALL BE CL. 1, TY. 3, A.H.D. SPEC. 856

ALL HANDICAP RAMPS SHALL BE IN ACCORDANCE WITH ALDOT SPECIAL DRAWINGS SW-618 (SHEET 1 THROUGH 4)

**HANDICAP PAVEMENT PAINTING**  
NOT TO SCALE



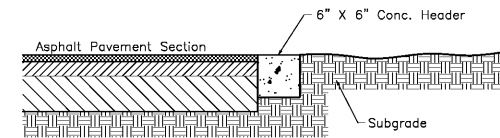
**HANDICAP PARKING SIGNS**



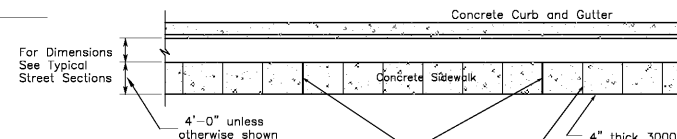
**HANDICAP PARKING SPACE SYMBOL DETAIL**

**STANDARD CURB AND GUTTER**

**SPILL CURB AND GUTTER**



**TYPICAL CONCRETE HEADER DETAIL**

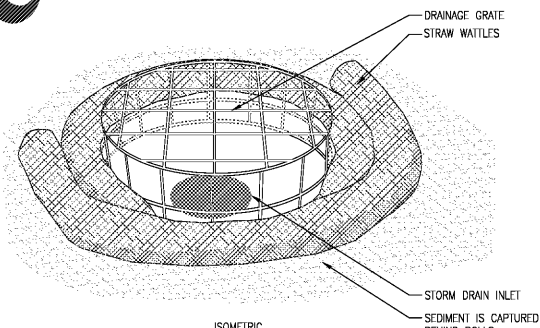


**STANDARD CONCRETE SIDEWALK**

**EROSION AND SEDIMENT CONTROL CONSTRUCTION SEQUENCE**

(This construction sequence is based on the engineer's opinion and not intended to be a comprehensive list of events and the contractor should use his/her discretion to determine the best sequence of construction. However, all erosion and sedimentation control measures shall be installed in a timely fashion to perform properly.)

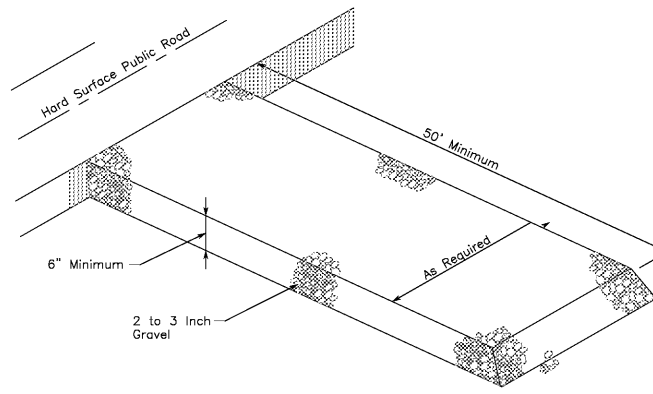
1. Install construction entrance with crushed aggregate base course. Entrance should be periodically cleaned to keep debris and mud from being carried onto existing roads. The existing drainage ways should remain open until proposed storm system is functioning properly.
2. Grade the property according to the grading plan, but leave all existing drainageways in place.
3. Contractor should utilize straw wattles, etc. to keep moisture content of subgrade at optimum level and reduce dust from construction traffic and improve compaction results.
4. Maintain all erosion and sediment control measures, such that they are performing as function properly; clean out sediment build-up when facilities reach 50% capacity; clean down construction entrance periodically and make sure that adequate drainage is provided to reduce runoff onto existing roads.
5. Contractor should be aware that erosion may occur in areas that are protected at construction site. If the contractor observes sediment accumulation or erosion problems on site, then the contractor should take the necessary measures to stop sedimentation, such as silt fences, straw wattles, etc., and then take the necessary measures to stop the erosion, such as seed/mulch, sod, erosion blankets, etc..
10. When site construction is completed, remove all silt fences and gravel bag filters. Spread and grade collected materials on site.



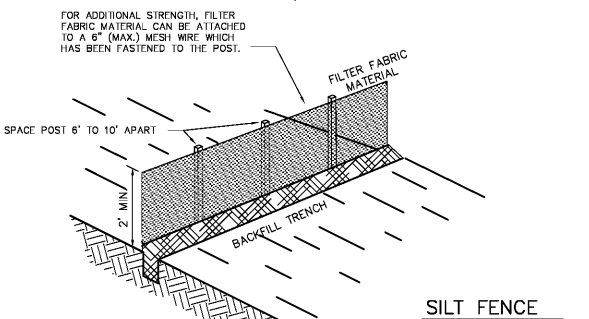
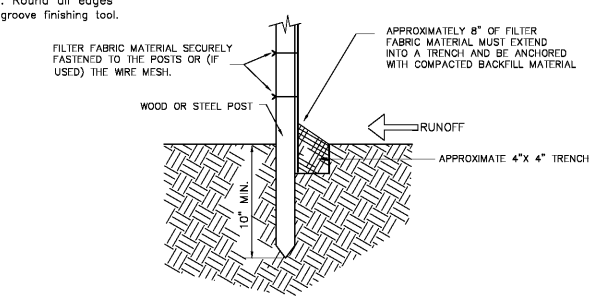
ISOMETRIC NOT TO SCALE

NOTES:  
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.  
2. DO NOT SCALE DRAWINGS.  
3. FIBER ROLLS SHOULD BE INSPECTED AFTER EVERY SIGNIFICANT STORM EVENT TO CLEAR AND DISPOSE OF SEDIMENT AND DEBRIS.

**WATTLES-INLET PROTECTION**



**GRAVEL CONSTRUCTION ENTRANCE**



**SILT FENCE**



**PRICE, P.C.**  
CONSULTING ENGINEERS  
1100 S. HUNTSVILLE BLVD., SUITE 100, HUNTSVILLE, AL 35894  
TEL: 256-833-1100 FAX: 256-833-1101

**LEGACY AT JONES FARM PHASE 2**

CLIENT	RBJ BAILEY, LLC PO BOX 2545 HUNTSVILLE, AL 35804
SITE ADDRESS	1 LEGACY FARM DR SE HUNTSVILLE, AL 35802
REVISIONS	
SHEET TITLE	<b>CONSTRUCTION DETAILS</b>
SCALE:	NIS
APPROVED BY:	JRT
PROJECT NO.:	17-105
DATE:	12/29/17
SHEET NUMBER	C6.1 OF C6.6