



State of Utah—Department of Administrative Services
 DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT
 4110 State Office Building/Salt Lake City, Utah 84114/538-3018

STATE OF UTAH

DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

DEPARTMENT OF PUBLIC SAFETY DRIVER TRAINING TRACK EXPANSION

PROJECT NO. 10082550

CODE ANALYSIS

APPLICABLE CODES	
Year	Year
International Building Code 2009	National Electrical Code 2008 NEC
International Mechanical Code 2009	Uniform Code for Building Conservation 2009
International Plumbing Code 2009	ADA Accessibility Guidelines 2009
International Fire Code 2009	
International Energy Conservation Code 2009	

A. Occupancy and Group: _____
 Change in Use: Yes _____ No _____ Mixed Occupancy: Yes _____ No _____
 Special Use and Occupancy (e.g. High Rise, Covered Mall): _____

B. Seismic Design Category: _____ Design Wind Speed: _____ mph

C. Type of Construction (circle one):
 I/A I/B II/A II/B III/A III/B IV/HT V/A V/B

D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):
 North: _____ South: _____ East: _____ West: _____

E. Mixed Occupancies: _____ Nonseparated Uses: _____

F. Sprinklers:
 Required: _____ Provided: _____ Type of Sprinkler System: _____

G. Number of Stories: _____ Building Height: _____

H. Actual Area per Floor (square feet): _____

I. Tabular Area: _____

J. Area Modifications:
 a) $A_a = A_t + \left[\frac{A_1 I_1}{100} \right] + \left[\frac{A_2 I_2}{100} \right]$ $I_1 = 100 \left[\frac{F}{P} - 0.25 \right] \frac{W}{30}$

b) Sum of the Ratio Calculations for Mixed Occupancies:
 $\frac{\text{Actual Area}}{\text{Allowable Area}} \leq 1$

- c) Total Allowable Area for:
 1) One Story: _____
 2) Two Story: $A_a(2)$ _____
 3) Three Story: $A_a(3)$ _____

d) Unlimited Area Building: Yes _____ No _____ Code Section: _____

K. Fire Resistance Rating Requirements for Building Elements (hours).

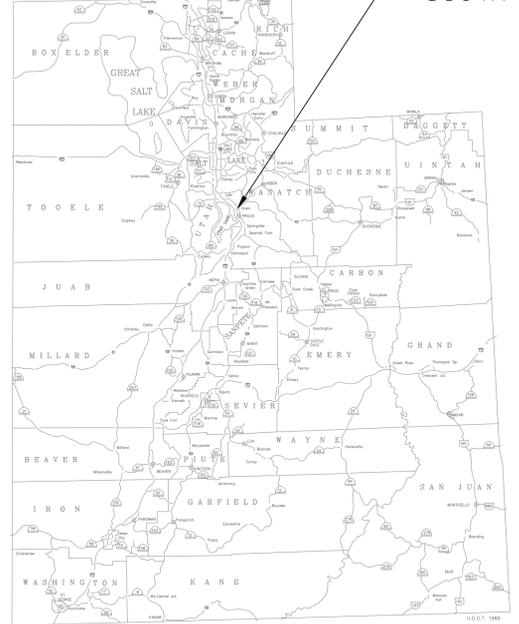
Element	Hours	Assembly Listing	Element	Hours	Assembly Listing
Exterior Bearing Walls			Floors - Ceiling Floors		
Interior Bearing Walls			Roofs - Ceiling Roofs		
Exterior Non-Bearing Walls			Exterior Doors and Windows		
Structural Frame			Shaft Enclosures		
Partitions - Permanent			Fire Walls		
Fire Barriers			Fire Partitions		
			Smoke Partitions		

L. Design Occupant Load: _____
 Exit Width Required: _____ Exit Width Provided: _____

M. Minimum Number of Required Plumbing Facilities:
 a) Water Closets - Required (m) _____ (f) _____ Provided (m) _____ (f) _____
 b) Lavatories - Required (m) _____ (f) _____ Provided (m) _____ (f) _____
 c) Bath Tubs or Showers: _____
 d) Drinking Fountains: _____ Service Sinks: _____

- FOOTNOTES:
 1) In case of conflict with the U.S. Department of Justice Federal Registers Parts I through V - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.
 2) Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings, including, but not limited to:
 a) High Rise Requirements.
 b) Atriums.
 c) Performance Based Criteria.
 d) Means or Egress Analysis.
 e) Fire Assembly Locator Sheet.
 f) Exterior and Interior Accessibility Route.
 g) Fire Stopping, Including Tested Design Number.

UTAH
 DPS EVO POST TRACK TRAINING FACILITY
 SOUTH OF CAMP WILLIAMS, UTAH



VICINITY MAP

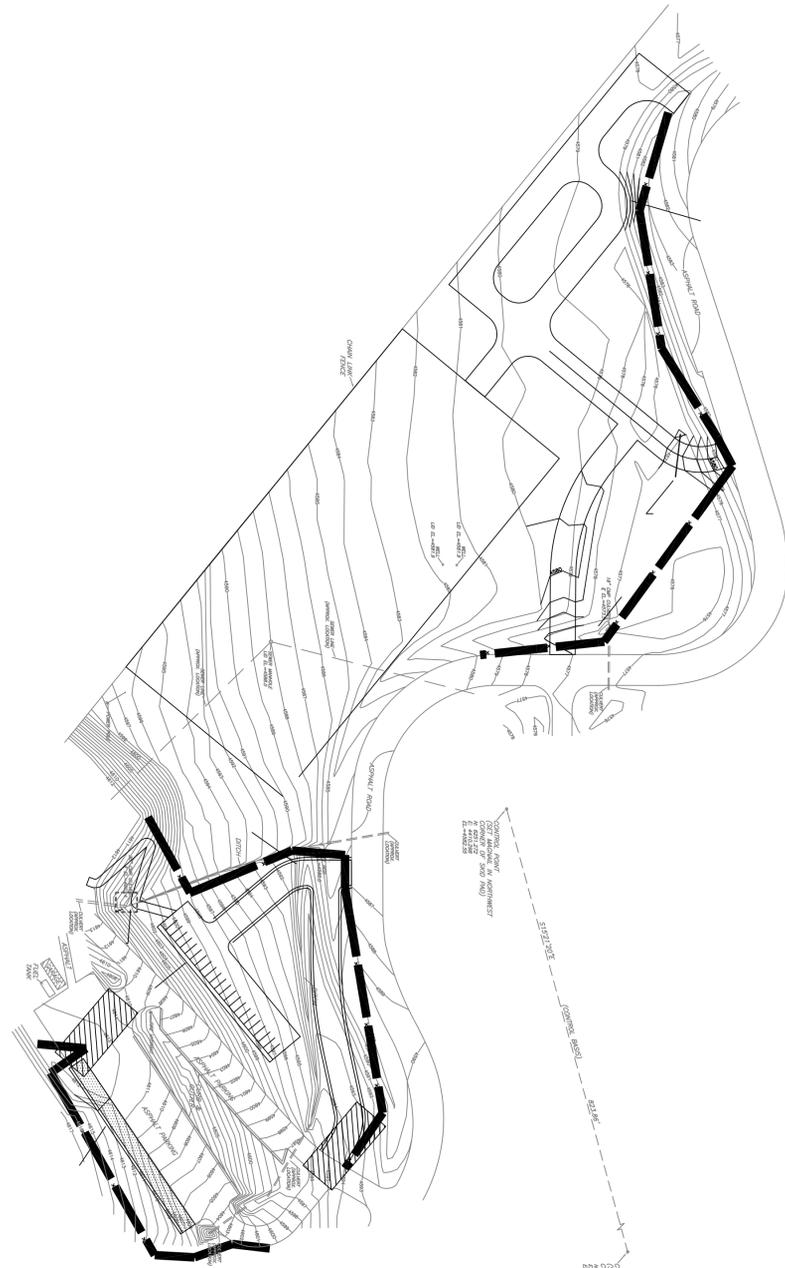
INDEX TO SHEETS

SHEET	NAME
G-001	TITLE SHEET, NOTES AND SHEET INDEX
G-002	SPECIAL INSPECTIONS AND MAP
C-100	EROSION CONTROL PLAN
C-101	NEW PARKING LOT
C-102	EXISTING PARKING EXPANSION
C-103	ACCESS ROAD

- GENERAL CONSTRUCTION NOTES:
 1. ALL WORK SHALL COMPLY WITH THE PROJECT DRAWINGS AND PROJECT SPECIFICATIONS. IF CONFLICTS ARE NOTED, CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO START OF CONSTRUCTION.
 2. ANY KNOWN SEWER MAINS, WATER MAINS, GAS MAINS, STORM MAINS, IRRIGATION LINES, TELEPHONE CONDUITS, ELECTRIC CABLES, ANOTHER UNDERGROUND STRUCTURES ARE SHOWN ON THE DRAWINGS ONLY TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE ENGINEER. IT IS EXPECTED THAT THERE MAY BE DISCREPANCIES AND OMISSIONS IN THE LOCATION AND QUANTITIES OF UTILITIES AND STRUCTURES SHOWN. THIS INFORMATION IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR BUT IS NOT GUARANTEED TO BE EITHER CORRECT OR COMPLETE, AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS THEREOF IS EXPRESSLY DISCLAIMED. THE CONTRACTOR SHALL MAKE SUCH INVESTIGATION AS HE THINKS NECESSARY TO VERIFY ITS CORRECTNESS AND COMPLETENESS. THE CONTRACTOR SHALL, AHEAD OF EXCAVATOR, LOCATE UNDERGROUND UTILITIES AND STRUCTURES SO THAT THEY WILL NOT BE ACCIDENTALLY CUT OR DAMAGED BY HIS CONSTRUCTION OPERATION, AND SO THAT THE GRADE OF THE PIPE CAN BE ADJUSTED AS REQUIRED. THE CONTRACTOR SHALL CONTACT BLUE STAKES AND SLCC A MINIMUM OF TWO FULL BUSINESS DAYS BEFORE DIGGING FOR THE LOCATION OF UTILITIES.
 3. CONTRACTOR IS RESPONSIBLE FOR ALL PROJECT SAFETY, INCLUDING, BUT NOT LIMITED TO BARRICADES, SIGNING, TRAFFIC CONTROL AND SECURITY.
 4. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN UP-TO-DATE "AS-BUILT" DRAWINGS THROUGHOUT THE PROJECT. THESE DRAWINGS SHALL BE PROVIDED TO THE OWNER UPON COMPLETION OF THE PROJECT.
 5. CONTRACTOR SHALL TAKE THE NECESSARY MEASURES TO PROTECT ALL FACILITIES (I.E. LIGHT POLES, TRASH CANS, MISC. FEATURES OUTSIDE OF THE WORK AREAS ETC.) DURING CONSTRUCTION.
 6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY TRAFFIC CONTROL FOR MATERIALS REMOVAL AND DELIVERIES DURING THE CONSTRUCTION OF THE PROJECT.
 7. ALL TRAFFIC CONTROL (I.E. SIGNAGE, CONES, BARRICADES) SHALL CONFORM TO THE MOST CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND DFCM REQUIREMENTS FOR REMOVALS AND DELIVERIES.
 8. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING.
 9. THE CONTRACTOR SHALL NOTIFY TRACK AND DFCM STAFF 48 HOURS PRIOR TO MOBILIZING TO PROJECT AND BEGINNING DEMOLITION AND REMOVALS.
 10. THE CONTRACTOR SHALL PROVIDE AND ON-SITE TOILET FOR THE DURATION OF THE PROJECT.
 11. THE CONTRACTOR SHALL BARRICADE AND SIGN ALL WORK AREAS DENYING ACCESS TO ALL BUT THE CONTRACTORS EMPLOYEES AND SUBCONTRACTORS.
 12. THE CONTRACTOR SHALL PROTECT THE EXISTING SIDEWALK AND CURB AND GUTTER FROM DAMAGE AT ENTRANCES AND EXITS. THE CONTRACTOR SHALL REPAIR ALL DAMAGE TO EXISTING CURB AND GUTTER, STORM DRAINS, ETC. DUE TO CONSTRUCTION ACTIVITIES AT NO COST TO THE OWNER.
 13. ALL WORK SHALL CONFORM TO DFCM DESIGN AND CONSTRUCTION STANDARDS.



0 50
SCALE 1"=50'



EROSION PLAN LEGEND

SILT FENCE
SEE DETAIL C THIS SHEET



STABILIZED CONSTRUCTION
ENTRANCE. SEE DETAIL B THIS
SHEET.

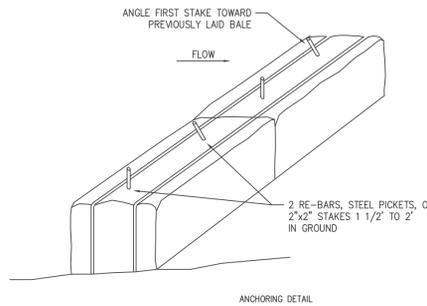
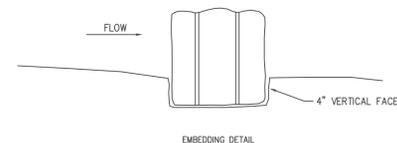


STORM INLET SILT PROTECTION.
PLACE STRAW BALES AROUND INLET.
SEE DETAIL A THIS SHEET.



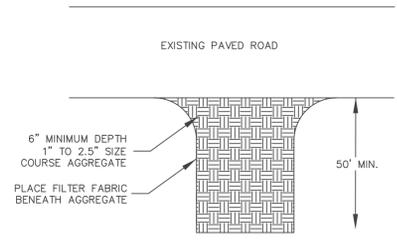
EROSION PLAN NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT PRIOR TO START OF CONSTRUCTION.
2. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DUE TO WIND AND RUNOFF. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL FACILITIES SHOWN.
3. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO UNFORSEEN PROBLEMS OR IF THE PLAN DOES NOT FUNCTION AS INTENDED.
4. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE STREETS CLEAN AND FREE FROM DEBRIS FROM TRAFFIC FROM THE SITE.
5. ALL STORM DRAIN FACILITIES ON SITE AND ADJACENT TO THE SITE NEED TO BE PROTECTED FROM SITE RUNOFF. INLET PROTECTION DEVICES SHALL BE INSTALLED IMMEDIATELY UPON INDIVIDUAL INLETS BECOMING FUNCTIONAL.
6. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE PAVED, SEEDED, OR LANDSCAPED. REFER TO LANDSCAPE PLANS FOR SEED MIX AND PLANTING SPECIFICATIONS.
7. EROSION CONTROL STRUCTURES BELOW SODDED AREAS MAY BE REMOVED ONCE SOD AND FINAL LANDSCAPING ARE IN PLACE. EROSION CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION, EROSION CONTROL IN PROPOSED PAVEMENT AREAS SHALL REMAIN IN PLACE UNTIL PAVEMENT IS COMPLETE.
8. CONTRACTOR SHALL USE VEHICLE TRACKING CONTROL AT ALL LOCATIONS WHERE VEHICLES WILL ENTER OR EXIT THE SITE. CONTROL FACILITIES WILL BE MAINTAINED WHILE CONSTRUCTION IS IN PROGRESS, MOVED WHEN NECESSARY AND REMOVED WHEN THE SITE IS PAVED.
9. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT WITH STORM WATER DISCHARGES FROM THE SITE.
10. BLOWING DUST MUST BE CONTROLLED AT ALL TIMES. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION IS ABSOLUTELY PROHIBITED.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT.
12. ALL OFF-SITE CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
13. ALL MEASURES CONTAINED IN THIS PLAN SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT. ANY NEEDED CLEANING AND REPAIRS TO BE DONE IMMEDIATELY UPON DISCOVERY.
14. ALL UTILITY LINES SHALL BE CLEANED OF DIRT AND DEBRIS PRIOR TO BEING PUT INTO SERVICE. DOWN-GRADE LINES MUST BE PROTECTED FROM WASH-WATER DURING THE CLEANING TO AVOID CONTAMINATION AND COMPROMISING OUTFALL CLEANLINESS

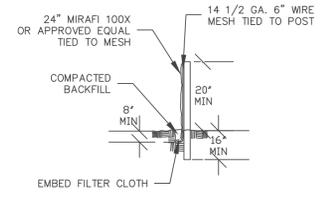


- NOTES:
1. Bales shall be placed in a row with ends tightly abutting adjacent bales.
 2. Each bale shall be embedded in soil a min. of 4".
 3. Bales shall be securely anchored in place by stakes or re-bars driven through the bales. The first stake in each bale shall be angled toward previously laid bale to force bales together.
 4. Inspection shall be frequent and repair or replacement shall be made promptly as needed.

STORM INLET
PROTECTION
SCALE: NTS



STABILIZED CONSTRUCTION
ENTRANCE
SCALE: NTS



- NOTES:
1. POSTS SPACED 10' O.C. MAX.
 2. FILTER CLOTH TO BE TIED TO MESH EVERY 24" AT TOP AND MIDDLE WITH 6" FOLDED OVERLAP AT VERTICAL SEAMS
 3. FENCE SHALL BE MAINTAINED AND ACCUMULATED MATERIAL REMOVED

SILT FENCE
SCALE: NTS



King
Engineering,
Inc. 2825 E Cottonwood Parkway
Salt Lake City, Utah 84121
Phone: 801.990.3170
Fax: 801.990.3293
Internet: www.pavementmanagement.com

**DPS DRIVER TRAINING
TRACK EXPANSION**

SITE/LOCATION:

DPS EVO POST
FACILITY

PROJECT TITLE:

TRACK
EXPANSION

MARK / DATE / DESCRIPTION

ISSUE TYPE: BID SET

ISSUE DATE: MAY 11, 2011

DCFM PROJECT NO.: 10082550

CAD PROJECT NO.: 02333X

CAD DWG FILE: C-100.DWG

DRAWN BY: AD

CHKD BY: JEK

COPYRIGHT: STATE OF UTAH

SHEET TITLE

EROSION CONTROL
PLAN

SHEET NUMBER

C-100

SHEET 3 OF 6



RE-SEEDING:
 1. ALL DISTURBED CUT AND FILL SLOPES SHALL BE SEEDED WITH 80 PERCENT NATIVE CABIN GRASS MIX AND 20 PERCENT ROCKY MOUNTAIN WILDFLOWER MIX APPLIED AT 20 POUND PER ACRE RATE AS PROVIDED BY GRANITE SEED COMPANY 801-768-4422 OR APPROVED EQUAL.

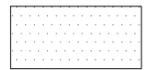
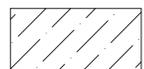
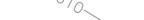
EARTHWORK:
 1. THE CONTRACTOR SHALL USE THE GRADES PROVIDED ON THIS PLAN TO ESTABLISH FINISH TOA ELEVATIONS.
 2. NATIVE CUT MATERIAL MAY BE REUSED AS COMPACTED FILL.

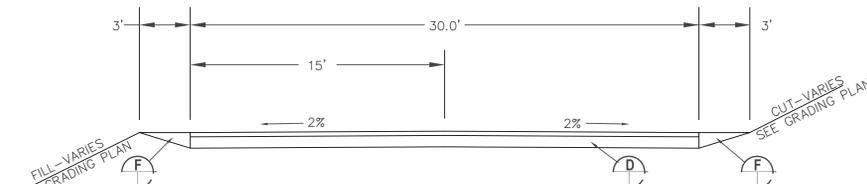
CLEAR AND GRUBBING:
 1. THE CONTRACTOR SHALL CLEAR AND GRUBB ALL AREAS TO BE PAVED, CUT AND FILL SLOPES TO 6" AND REMOVE THE GRUBBING OFF-SITE.

STRIPING:
 1. THE CONTRACTOR SHALL STRIPE THE PARKING AREA AS SHOWN WITH 4" WIDE YELLOW PARKING STRIPES. TWO COATS OF PAINT. ALL STALLS SHALL BE 9'X18' AND THE DRIVE ISLE SHALL BE 24'.

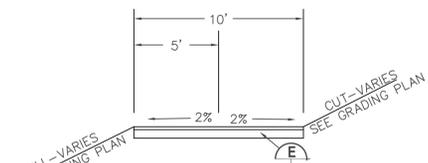
LAYOUT AND STAKING:
 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LAYOUT AND STAKING. THE CONTRACTOR SHALL USE AN AUTOCAD FILE (VER. 2004) PROVIDED BY THE ENGINEER FOR ALL DIMENSIONS, LOCATIONS, AND ELEVATIONS.
 2. QUESTIONS REGARDING SURVEY CONTROL MAY BE DIRECTED TO NOEL EVANS AT FRANCOM & ASSOCIATES AT 801-295-7500.

LEGEND

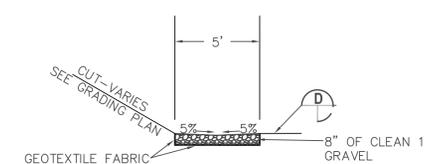
-  FURNISH AND INSTALL 25,190 S.F. OF NEW ASPHALT PAVEMENT AT ROAD AND PARKING LOT. SEE DETAILS A AND D THIS SHEET.
-  FURNISH AND INSTALL 2,090 S.F. OF NEW ASPHALT PAVEMENT PATH. SEE DETAILS B AND E THIS SHEET.
-  FINISHED GRADE CONTOUR (1' INTERVAL)
-  EXISTING CONTOUR (1' INTERVAL)
-  FINISHED SPOT ELEVATION



TYPICAL SECTION - ROAD
 SCALE: 1"=5'

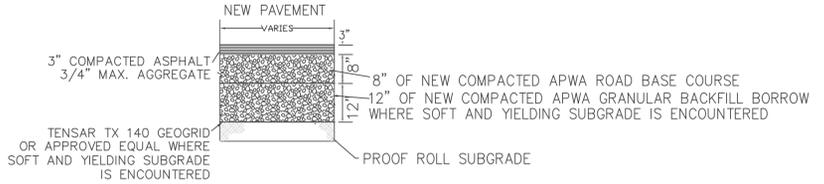


TYPICAL SECTION - PATH
 SCALE: 1"=5'

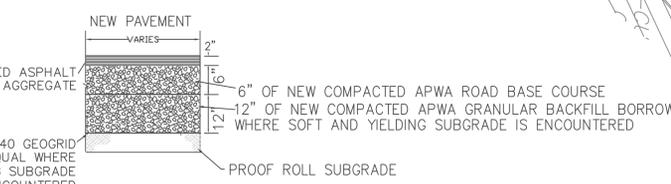


TYPICAL SECTION - SWALE
 SCALE: 1"=5'

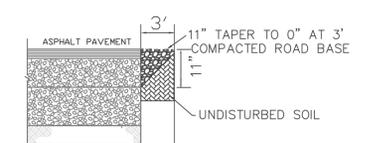
PAVEMENT NOTES:
 1. SOIL STERILENT SHALL BE PLACED ON THE PREPARED ROAD BASE BEFORE PAVING.



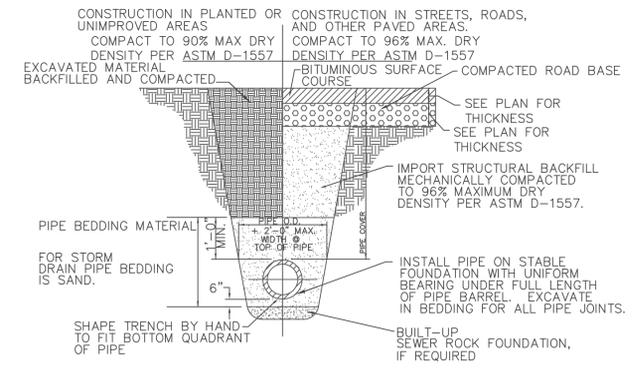
PAVEMENT SECTION ROADWAY AND PARKING LOT
 SCALE: NTS



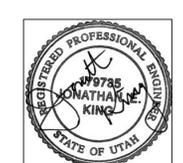
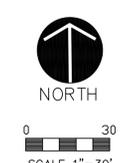
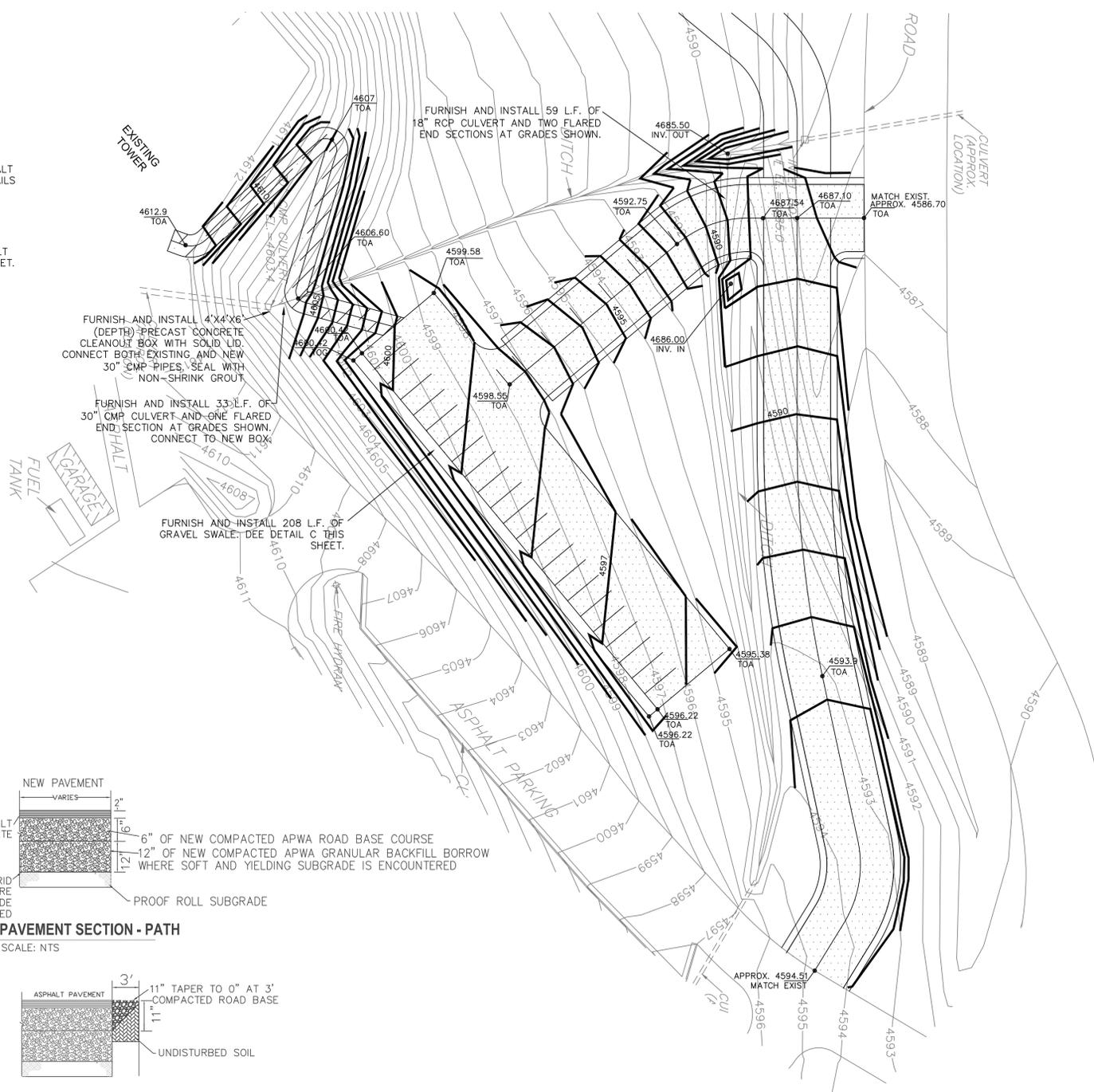
PAVEMENT SECTION - PATH
 SCALE: NTS



GRAVEL SHOULDER (BOTH SIDES)
 SCALE: NTS



TYPICAL TRENCH
 SCALE: NTS



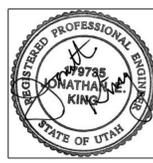
King Engineering, Inc.
 2825 E Cottonwood Parkway
 Salt Lake City, Utah 84121
 Phone: 801.990.3170
 Fax: 801.990.3293
 Internet: www.pavementmanagement.com
 CREATED BY: KING ENGINEERING, INC.

DPS DRIVER TRAINING TRACK EXPANSION

SITE/LOCATION:		
DPS EVO POST FACILITY		
PROJECT TITLE:		
TRACK EXPANSION		
MARK	DATE	DESCRIPTION
ISSUE TYPE: BID SET		
ISSUE DATE: MAY 11, 2011		
DCFM PROJECT NO.: 10082550		
CAD PROJECT NO.: 0233XX		
CAD DWG FILE: C-101.DWG		
DRAWN BY: AD		
CHKD BY: JEK		
COPYRIGHT: STATE OF UTAH		
SHEET TITLE		
NEW PARKING LOT		
SHEET NUMBER		
C-101		
SHEET 4 OF 6		



0 30
 SCALE 1"=30'



DPS DRIVER TRAINING TRACK EXPANSION

SITE/LOCATION:

DPS EVO POST FACILITY

PROJECT TITLE:

TRACK EXPANSION

MARK | DATE | DESCRIPTION

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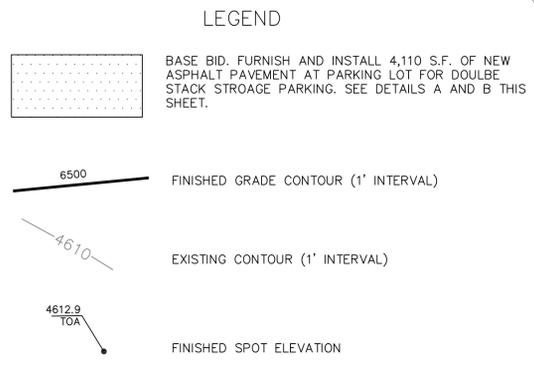
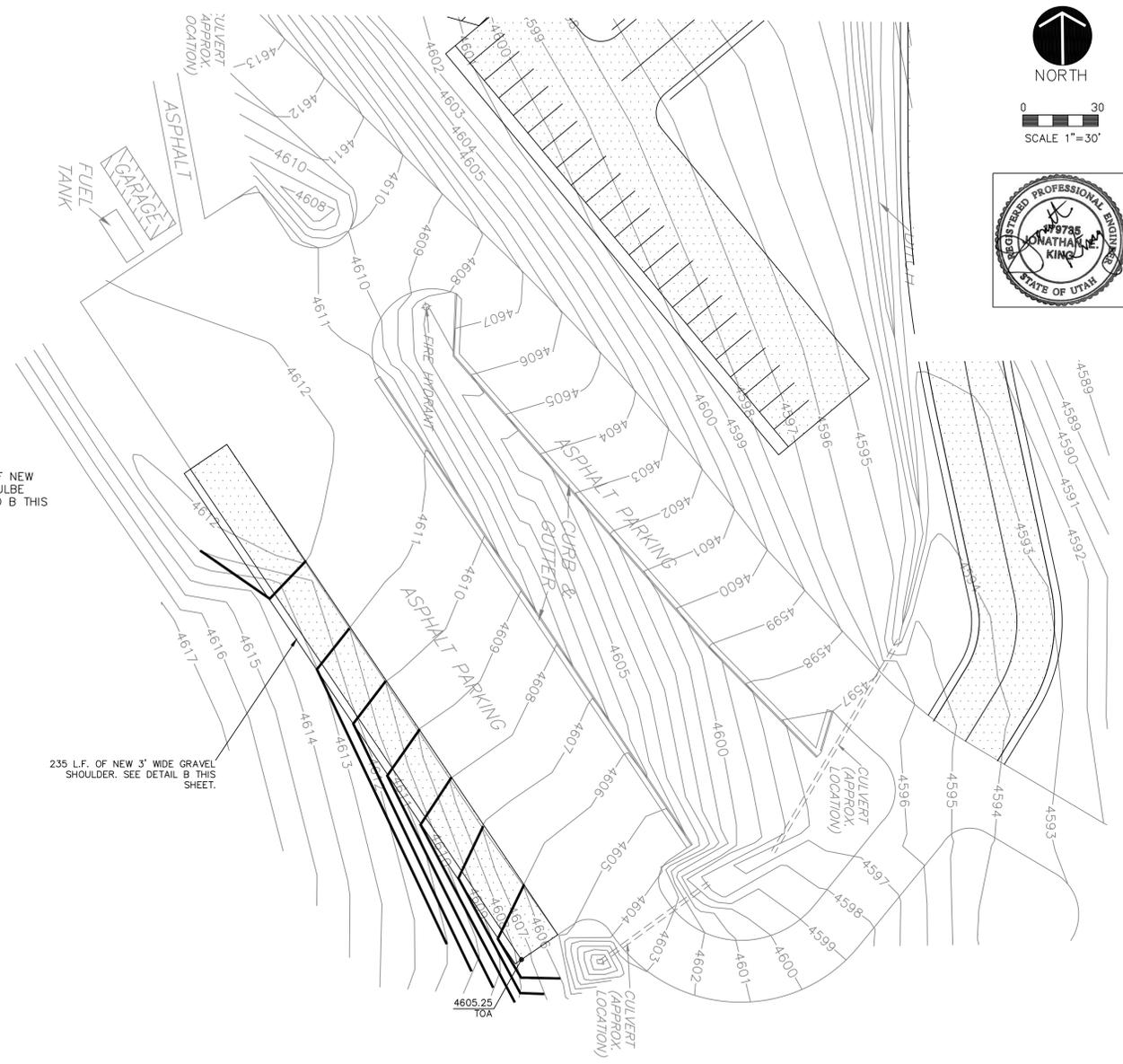
SHEET TITLE

EXISTING PARKING EXPANSION

SHEET NUMBER

C-102

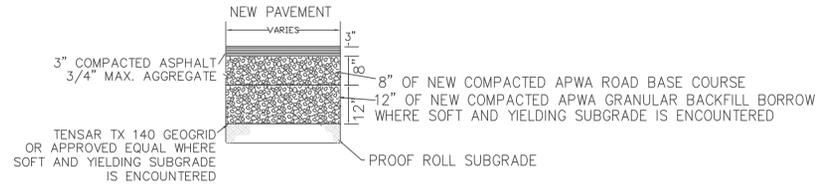
SHEET 5 OF 6



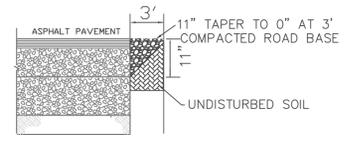
235 L.F. OF NEW 3' WIDE GRAVEL SHOULDER. SEE DETAIL B THIS SHEET.

- EARTHWORK:**
1. THE CONTRACTOR SHALL USE THE GRADES PROVIDED ON THIS PLAN TO ESTABLISH FINISH TOA ELEVATIONS.
 2. NATIVE CUT MATERIAL MAY BE REUSED AS COMPACTED FILL.
- CLEAR AND GRUBBING:**
1. THE CONTRACTOR SHALL CLEAR AND GRUBB ALL AREAS TO BE PAVED, CUT AND FILL SLOPES TO 6" AND REMOVE THE GRUBBING OFF-SITE.
- STRIPING:**
1. THE CONTRACTOR SHALL STRIPE THE PARKING AREA AS SHOWN WITH 4" WIDE YELLOW PARKING STRIPES. TWO COATS OF PAINT. ALL STALLS SHALL BE 9'X18' AND BE STRIPED FOR TWO TIER PARKING STORAGE.
- LAYOUT AND STAKING:**
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LAYOUT AND STAKING. THE CONTRACTOR SHALL USE AN AUTOCAD FILE (VER. 2004) PROVIDED BY THE ENGINEER FOR ALL DIMENSIONS, LOCATIONS, AND ELEVATIONS.
 2. QUESTIONS REGARDING SURVEY CONTROL MAY BE DIRECTED TO NOEL EVANS AT FRANCOM & ASSOCIATES AT 801-295-7500.

- PAVEMENT NOTES:**
1. SOIL STERILENT SHALL BE PLACED ON THE PREPARED ROAD BASE BEFORE PAVING.



PAVEMENT SECTION ROADWAY AND PARKING LOT
 SCALE: NTS

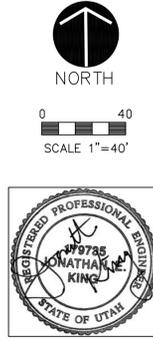


GRAVEL SHOULDER
 SCALE: NTS

F
E
D
C
B
A

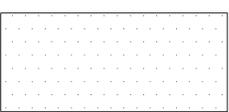
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1 2 3 4 5 6 7 8



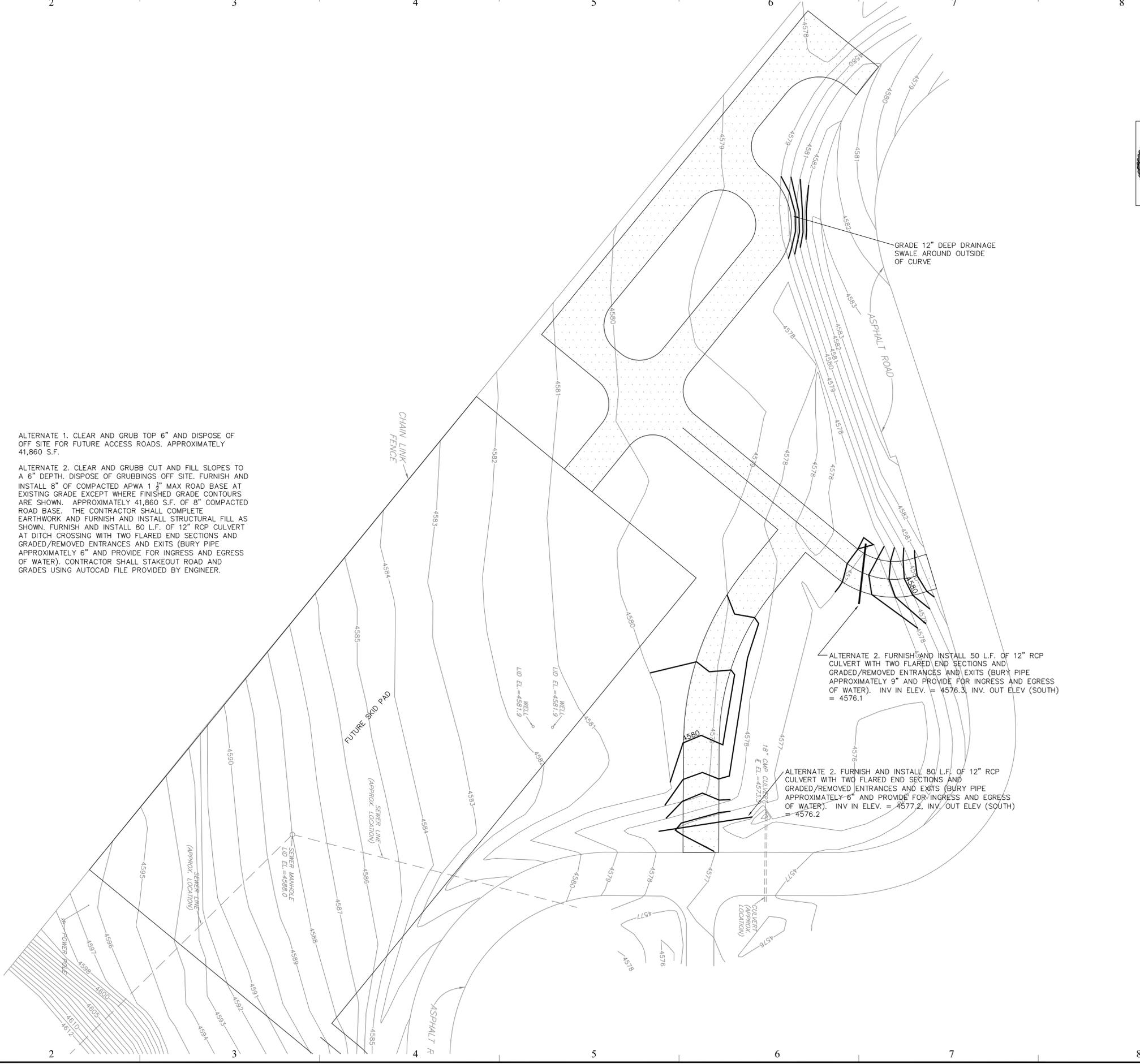
DPS DRIVER TRAINING TRACK EXPANSION

SITE/LOCATION:	
DPS EVO POST FACILITY	
PROJECT TITLE:	
TRACK EXPANSION	
MARK	DATE
ISSUE TYPE:	BID SET
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DCFM PROJECT NO.: 10082550	
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CAD DWG FILE: C-100.DWG	
DRAWN BY: AD	
CHK'D BY: JEK	
COPYRIGHT: STATE OF UTAH	
SHEET TITLE	
ACCESS ROADS	
SHEET NUMBER	
C-103	
SHEET 6 OF 6	



ALTERNATE 1. CLEAR AND GRUB TOP 6" AND DISPOSE OF OFF SITE FOR FUTURE ACCESS ROADS. APPROXIMATELY 41,860 S.F.

ALTERNATE 2. CLEAR AND GRUB CUT AND FILL SLOPES TO A 6" DEPTH. DISPOSE OF GRUBBINGS OFF SITE. FURNISH AND INSTALL 8" OF COMPACTED APWA 1 1/2" MAX ROAD BASE AT EXISTING GRADE EXCEPT WHERE FINISHED GRADE CONTOURS ARE SHOWN. APPROXIMATELY 41,860 S.F. OF 8" COMPACTED ROAD BASE. THE CONTRACTOR SHALL COMPLETE EARTHWORK AND FURNISH AND INSTALL STRUCTURAL FILL AS SHOWN. FURNISH AND INSTALL 80 L.F. OF 12" RCP CULVERT AT DITCH CROSSING WITH TWO FLARED END SECTIONS AND GRADED/REMOVED ENTRANCES AND EXITS (BURY PIPE APPROXIMATELY 6" AND PROVIDE FOR INGRESS AND EGRESS OF WATER). CONTRACTOR SHALL STAKEOUT ROAD AND GRADES USING AUTOCAD FILE PROVIDED BY ENGINEER.



GRADE 12" DEEP DRAINAGE SWALE AROUND OUTSIDE OF CURVE

ALTERNATE 2. FURNISH AND INSTALL 50 L.F. OF 12" RCP CULVERT WITH TWO FLARED END SECTIONS AND GRADED/REMOVED ENTRANCES AND EXITS (BURY PIPE APPROXIMATELY 9" AND PROVIDE FOR INGRESS AND EGRESS OF WATER). INV IN ELEV. = 4576.3, INV. OUT ELEV (SOUTH) = 4576.1

ALTERNATE 2. FURNISH AND INSTALL 80 L.F. OF 12" RCP CULVERT WITH TWO FLARED END SECTIONS AND GRADED/REMOVED ENTRANCES AND EXITS (BURY PIPE APPROXIMATELY 6" AND PROVIDE FOR INGRESS AND EGRESS OF WATER). INV IN ELEV. = 4577.2, INV. OUT ELEV (SOUTH) = 4576.2

F
E
D
C
B
A

1 2 3 4 5 6 7 8