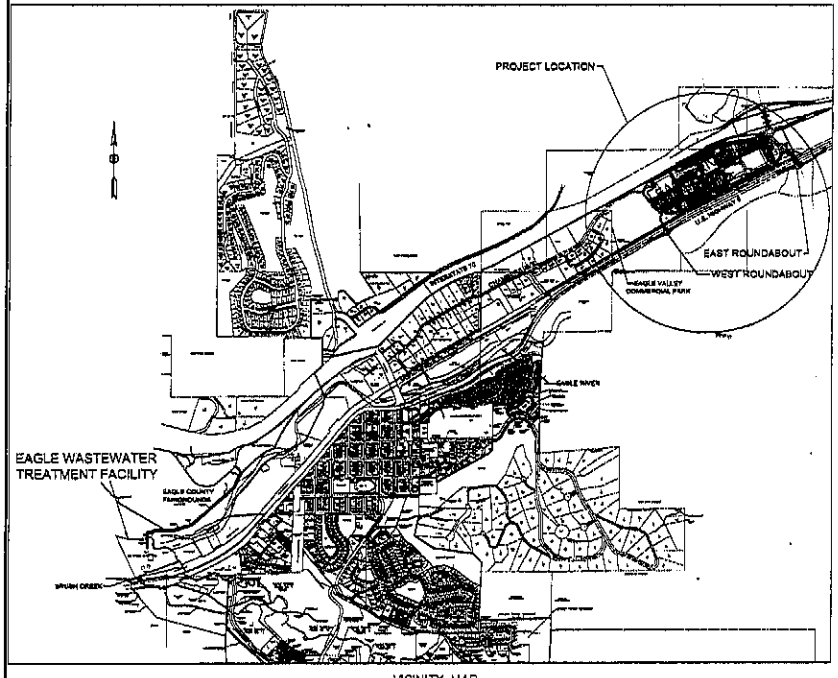
CDOT REGION 3 PROJECT
EAGLE RIVER STATION
PRELIMINARY OFFSITE CONSTRUCTION DRAWINGS
US HIGHWAY 6 REALIGNMENT
EAST & WEST ROUNDABOUTS
EAGLE; COLORADO

MAY 2011



VICINITY MAP

1"=1200'

SHEET INDEX

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1.	COVER SHEET
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3.	OVERALL PLAN SHEET
4.	ROUNDABOUTS PLAN SHEET
5.	ROADWAY PLAN AND PROFILE STATION 0+00 TO 14+50
6.	ROADWAY PLAN AND PROFILE STATION 14+50 TO 28+50
7.	ROADWAY PLAN AND PROFILE STATION 28+50 TO 42+50
8.	ROADWAY PLAN AND PROFILE STATION 42+50 TO 56+51.72
9.	CROSS SECTIONS STATION 0+00 TO 12+00
10.	CROSS SECTIONS STATION 12+50 TO 27+50
11.	CROSS SECTIONS STATION 28+00 TO 42+00
12.	CROSS SECTIONS STATION 42+50 TO 55+50
13.	RAILROAD CROSSINGS PLAN AND PROFILES
14.	WEST ROUNDABOUT SIGNING AND STRIPING PLAN
15.	EAST ROUNDABOUT SIGNING AND STRIPING PLAN
16.	GRADING, DRAINAGE, AND EROSION CONTROL DETAILS
17.	ROADWAY DETAILS
18.	RETAINING WALL PLAN AND PROFILE

NOTES:

1) PRIOR TO BEGINNING WORK IN THE CDOT ROW, THE PERMITTEE SHALL CREATE A SITE SPECIFIC AND DETAILED CONSTRUCTION TRAFFIC CONTROL PLAN WHICH COVERS ALL PHASES AND DAY/NIGHT SIGNAGE CONDITIONS OF WORK, INCLUDING FINAL SIGNING AND STRIPING.

2) PERMITTEE SHALL DESIGNATE A TRAFFIC CONTROL SUPERVISOR (TCS) AS DESCRIBED IN THE GENERAL NOTES (SHEET 2). THE TCS MUST BE AVAILAGLE 24 HOURS THROUGHOUT CONSTRUCTION.

3) REFER TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION, FOR ALL REQUIRED COMPONENTS OF THE CONSTRUCTION CONTROL PLAN.

4) FULL COMPLIANCE TEMPORARY PAVEMENT MARKINGS SHALL BE APPLIED PER CDOT SPECIFICATIONS AT THE END OF EACH CONSTRUCTION DAY. INTERIM MARKINGS FOR CENTER LANE LINES CONSIST OF 1-INCH BY 4-FOOT (1"X4') SEGMENTS WITH 36-FOOT (36") GAPS.

5) ROADWAY WIDENING SHALL BE CONSTRUCTED SUCH THAT THE ELEVATION OF THE WIDENED PORTIONS AFTER PLACEMENT OF 4-INCHES (4") OF HMA WILL MEET THE ELEVATION OF THE EXISTING PAVEMENT, AND THEN THE ENTIRE INTERSECTION (CONSTRUCTION LIMITS) WILL RECEIVE A 2-INCH (2") HMA OVERLAY.

6) CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO ANY CONSTRUCTION.

CALL BEFORE YOU DIG - IT'S THE LAW!
(800) 922-1987 or (800) 623-0417

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KANSAS CITY, MO 64112
(816) 777-3500

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NATURAL GAS:
CONTACT: RON ZATARIAN
SOURCE GAS
0086 COUNTY ROAD 150
GLENWOOD SPRINGS, CO 81601
(970) 928-0408

DATUM USED FOR DESIGN
NGVD-29

APPROVED BY THE TOWN OF EAGLE
BY: _____
DATE: _____

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REVISION	ISSUE						
						JAL	CW
						JAL	CW
						JAL	CW
		A	12/08	REVISED PER CONTRACT DOCS		JAL	CW
		B	03-24-11	ISSUED FOR PERMIT		JAL	CW
		REV.	DATE	DESCRIPTION		BY	CHK

PROJECT: EAGLE RIVER STATION - OFFSITE DESIGN
US HIGHWAY 6 REALIGNMENT

TITLE: COVER

STAMP

JOB NO. EA07240

SHEET NO. 1

INTEGRITY
FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
STANDARD PLANS LIST, GENERAL NOTES, TYPICAL SECTIONS AND LEGEND SHEET
EAGLE, COLORADO

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M-214-1	PLANTING DETAIL	24
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M-601-1	SINGLE CONCRETE BOX CULVERT (2 SHEETS)	31-32
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THE STANDARD PLAN SHEETS INDICATED HEREON BY A MARKED BOX ARE TO BE USED TO CONSTRUCT THIS PROJECT

COLORADO
DEPARTMENT OF TRANSPORTATION
STANDARD PLANS LIST
M&S STANDARDS
JULY 4, 2006

LEGEND

- PROPERTY LINE
- EASEMENT
- SECTION LINES
- TRACT LINE
- EXISTING CENTERLINE
- EXISTING EDGE OF ROAD
- RIGHT OF WAY
- EXISTING CENTERLINE OF DITCH
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- PROPOSED 10' CONTOURS
- PROPOSED 2' CONTOURS
- PROPOSED CENTERLINE OF DITCH
- EXISTING ELECTRIC OVERHEAD LINE
- EXISTING CULVERTS
- EXISTING FENCE
- EXISTING PVC
- EXISTING TELEPHONE PEDESTAL
- EXISTING SIGN
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- PROPOSED GUARDRAIL
- PROPOSED SILT FENCE
- PROPOSED STRAWBALE
- PROPOSED RIP RAP
- PROPOSED DRAINAGE DIRECTION
- PROPOSED TOP BACK OF CURB
- PROPOSED GUTTER FLOW LINE
- PROPOSED EDGE OF PAVEMENT
- PROPOSED CENTERLINE OF ROAD

Computer File Information	
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Last Modification Date: 07/04/06	Initials: JJK
File Name: M&S STANDARDS LIST.DWG	
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Sheet Revisions	
Date	Comments

Colorado Department of Transportation
1201 East Jefferson Avenue
Denver, Colorado 80237
Phone: (303) 757-9393
Fax: (303) 757-9727
Project Development Branch — SRJ/LTA

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Report By: Project Development Branch on July 04, 2006

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Sheet No. 1 of 1

GENERAL NOTES

1. ALL MATERIALS, EQUIPMENT, INSTALLATION AND CONSTRUCTION WITHIN THE STATE HIGHWAY ROW SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING STANDARD REFERENCES AS APPLICABLE:
   A. CDOT MATERIALS MANUAL
   B. CDOT CONSTRUCTION MANUAL
   C. CDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION
   D. CDOT STANDARD SPECIAL PROVISIONS, AS APPLICABLE TO PROJECT
   E. CDOT STANDARD PLANS (M&S STANDARDS)
   FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS AND THE COLORADO SUPPLEMENT THERETO
   F. AASHTO ROADSIDE DESIGN GUIDE

   PLEASE NOTE THAT SOME OF THE REFERENCE MATERIAL LISTED ABOVE MAY BE PURCHASED FROM:

   COLORADO DEPARTMENT OF TRANSPORTATION
   RO PLANS ROOM
   4201 EAST ARKANSAS AVENUE
   DENVER, CO 80222-3400
   (303) 757-9213

2. ACCESS CONSTRUCTION WITHIN HIGHWAY ROW AND ALL HIGHWAY IMPROVEMENTS SHALL COMPLY WITH THE ACCESS PERMIT AND NOTICE TO PROCEED (NTP). A COPY OF THAT PERMIT AND NTP SHALL BE AVAILABLE ON THE CONSTRUCTION SITE AT ALL TIMES.

3. PERMITTEE SHALL DESIGNATE A CERTIFIED TCS TO MANAGE CONSTRUCTION SIGNAGE AND SAFETY OF OPERATIONS DURING ACTIVITIES WITHIN CODOT RIGHT-OF-WAY. THE TCS SHALL BE AVAILABLE WHENEVER WORK IS IN PROGRESS.

4. ACCESS CONSTRUCTION SHALL NOT NEGATIVELY IMPACT OTHER PROPERTIES OR THE STATE HIGHWAY ROW.

5. DURING ACCESS CONSTRUCTION, NO CONSTRUCTION PERSONNEL VEHICLES WILL BE PERMITTED TO PARK IN THE STATE HIGHWAY RIGHT-OF-WAY, WITH THE EXCEPTION OF NECESSARY VEHICLES SPECIFICALLY BEING USED FOR CONSTRUCTION WORK.

6. THE PERMITTEE SHALL COMPLETE ALL WORK IN THE CDOT RIGHT-OF-WAY WITHIN 40 CALENDAR DAYS AND WITHIN A SINGLE CONSTRUCTION SEASON.

7. IT IS THE RESPONSIBILITY OF THE PERMITTEE TO DETERMINE WHICH ENVIRONMENTAL CLEARANCES AND/OR REGULATIONS APPLY TO THE PROJECT, AND TO OBTAIN ANY CLEARANCES THAT ARE REQUIRED DIRECTLY FROM THE APPROPRIATE AGENCY PRIOR TO COMMENCING WORK. PLEASE REFER TO OR REQUEST A COPY OF THE "CODOT ENVIRONMENTAL CLEARANCE INFORMATION SUMMARY" (CIS) FOR DETAILS. THE CIS MAY BE OBTAINED FROM CDOT
   PERMITTING OFFICES OR MAY BE ACCESSED VIA THE CDOT PLANNING/CONSTRUCTION-ENVIRONMENTAL GUIDANCE WEB PAGE AT:

   HTTP://WWW.DOT.STATE.CO.US/ACCESSPERMITS/PDF/ENVIRONCLEARINFORMATIONSUMMARYANDSTEPS2005.VERS4.PDF

   FAILURE TO COMPLY WITH REGULATORY REQUIREMENTS MAY RESULT IN SUSPENSION OR REVOCATION OF YOUR CODOT PERMIT, OR ENFORCEMENT ACTIONS BY OTHER AGENCIES.

   ALL DISCHARGES ARE SUBJECT TO THE PROVISIONS OF THE COLORADO WATER QUALITY ACT AND THE COLORADO DISCHARGE PERMIT REGULATIONS. PROHIBITED DISCHARGES INCLUDE SUBSTANCES SUCH AS: WASH WATER, PAINT, AUTOMOTIVE FLUIDS, SOLVENTS, OILS OR SOAPS.

   UNLESS OTHERWISE IDENTIFIED BY CDOT OR THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENTAL (CDPHE) WATER QUALITY CONTROL DIVISION (WQCD) AS SIGNIFICANT SOURCES OF POLLUTANTS TO THE WATERS OF THE STATE, THE FOLLOWING DISCHARGES TO STORM WATER SYSTEMS ARE ALLOWED WITHOUT A COLORADO DISCHARGE PERMIT SYSTEM PERMIT: LANDSCAPE IRRIGATION, DIVERTED STREAM FLOWS, UNCONTAMINATED GROUND WATER INFILTRATION TO SEPARATE STORM SEWERS, DISCHARGES FROM POTABLE WATER SOURCES, FOUNDATION DRAINS, AIR CONDITION CONDENSATION, IRRIGATION WATER, SPRINGS, FOOTING DRAINS, WATER LINE FLUSHING, FLOWS FROM RIPARIAN HABITATS AND WETLANDS, AND FLOW FROM FIRE FIGHTING ACTIVITIES.

   ANY OTHER DISCHARGES, INCLUDING STORM WATER DISCHARGES FROM INDUSTRIAL FACILITY OR CONSTRUCTION SITES, MAY REQUIRE COLORADO DISCHARGE PERMIT SYSTEM PERMITS FROM CDPHE BEFORE WORK BEGINS. FOR ADDITIONAL INFORMATION AND FORMS, GO TO THE CDPHE WEBSITE AT:

   HTTP://WWW.CDPHE.STATE.CO.US/WQ/PERMITSUNIT/PROGPERMIT.HTML

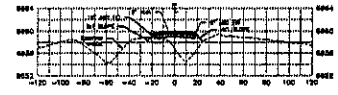
6. TOUCH UP OF ALL AREAS DISTURBED BY GRADING ACTIVITIES SHALL INCLUDE PLACEMENT OF 4" TOPSOIL AND SEED MIX PER GENERAL NOTES.

SEED MIXES FOR REGION 3 MAINTENANCE TOUCH UP WORK

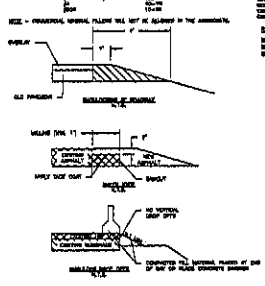
COMMON NAME	POUNDS SEED (PLS)/ACRE
ELEVATIONS BELOW 8,000'	
"NORDAN" STREAMBANK WHEATGRASS	6.0
BALLETA	2.0
SANDBERG BLUEGRASS	1.0
SAND DROPSEED	0.5
ALKALI SACATON	1.0
TOTAL	10.5
ELEVATIONS 8,000' TO 9,000'	
"NORDAN" STREAMBANK WHEATGRASS	12.0
"SAN LUIS" SLENDER WHEATGRASS	3.0
"ARRIBA" WESTERN WHEATGRASS	5.0
"COVAR" SHEEP FESCUE	3.0
"BROMAR" OR "GRANITE" MOUNTAIN BROME	7.0
TOTAL	30.0

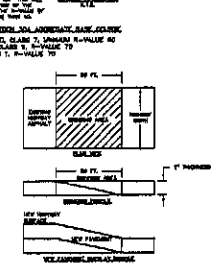
SEED MIXES FOR REGION 3 MAINTENANCE TOUCH UP WORK

COMMON NAME	POUNDS SEED (PLS)/ACRE
ELEVATIONS ABOVE 9,000'	
"COVAR" SHEEP FESCUE	3.0
"MOSHER" CANADA BLUEGRASS	0.5
ALPINE BLUEGRASS	0.5
"BROMAR" OR "GRANITE" MOUNTAIN BROME	10.0
"SAN LUIS" SLENDER WHEATGRASS	6.0
PRAIRIE JUNEGRASS	0.5
(IF NOT AVAILABLE USE 1/2# C. BLUEGRASS)	
TOTAL	20.0



TYPICAL ROAD SECTION
N.T.S.





REVISION OF SECTION 403
HOT MIX ASPHALT (GRADING SX)(100)

REVISION OF SECTION 403
HOT MIX ASPHALT (GRADING SX)(100)

Nominal Maximum Size *	Sieve Size	***Designs Air Voids**		
	(mm)	3.0%	4.0%	5.0%
3/4"	(19.0)	11.8	11.7	11.5
1	(25.0)	12.6	12.7	12.6
3/4	(19.0)	13.5	13.3	13.2
1/2	(12.5)	14.6	14.6	14.6
3/8	(9.5)	15.6	15.7	15.8

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REVISIONS							
A	06/06	NOTES FOR CONFIRMED CLIENT COMMENT				JJK	CHK
1	07/06	PRELIMINARY REVIEW				JJK	WT

PROJECT: EAGLE RIVER STATION OFF-SITE DESIGN

TITLE: STANDARD PLANS LIST, GENERAL NOTES TYPICAL SECTIONS AND LEGEND SHEET

JOB NO. EA07240

SHEET NO. 2

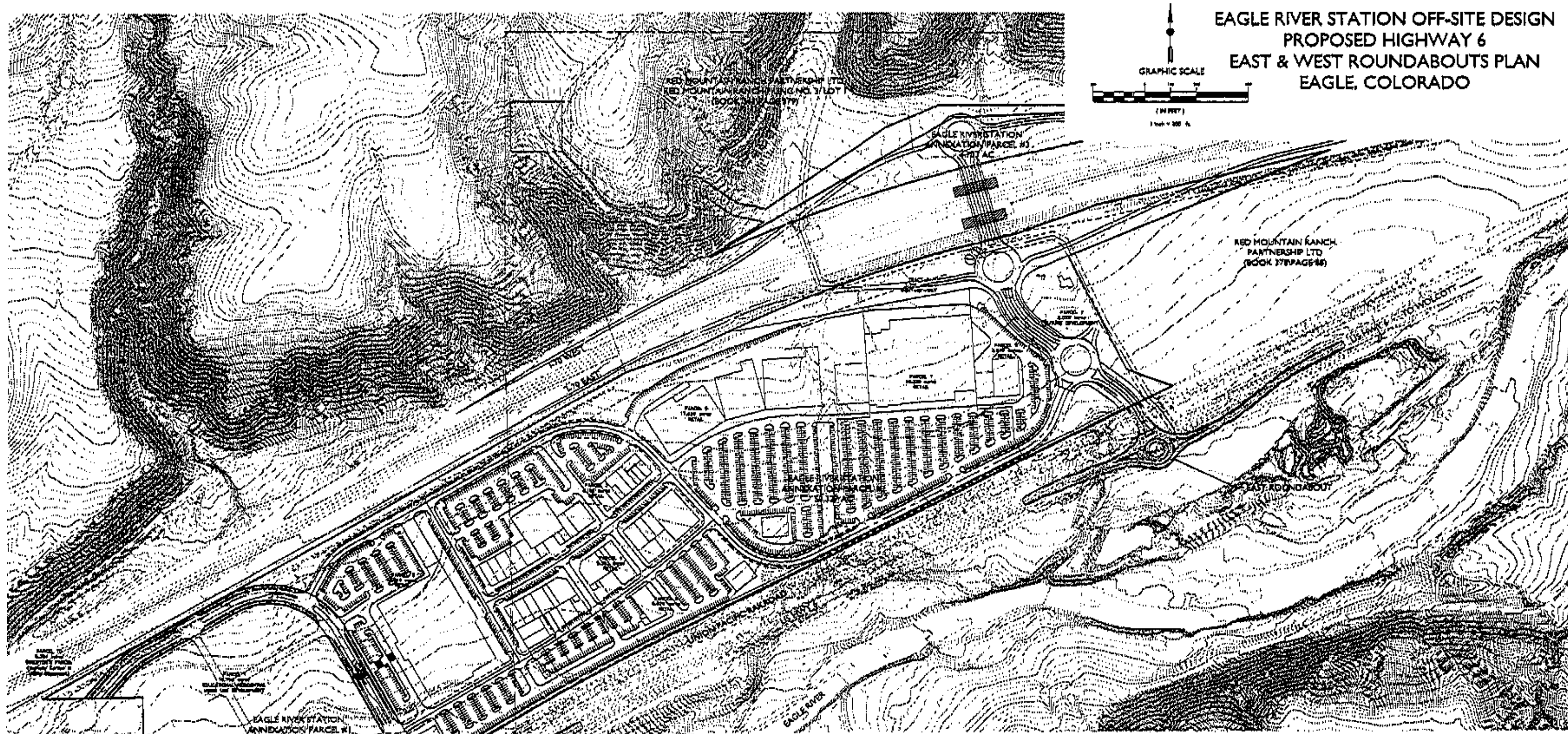
INTEGRITY FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
EAST & WEST ROUNDABOUTS PLAN
EAGLE, COLORADO

GRAPHIC SCALE

(IN FEET)

1 inch = 200 ft.



1 POLLUTION & EROSION CONTROL

1.1 Permanent Controls

Stormwater drainage is treated in grass-lined swales or overland sheet flow prior to discharge. Straw bales installed in the roadside ditches at regular intervals will also provide initial means of erosion and sedimentation control until natural vegetation is well established. Permanent riprap and/or energy dissipation structures will be constructed at the outlet of the culverts where required. The riprap and energy dissipation will be designed to control erosion by decreasing discharge velocities at the discharge point of culverts prior to entering natural drainage ways.

The cut and fill slopes required for water line construction will be seeded with native vegetation, which will require little moisture. Runoff from water line on construction areas will be treated with combination of silt fence and sedimentation basins. Areas near riparian areas will require special care including cut-off trenches, positive drainage away from watercourses where possible and straw mulch and/or netting to reduce erosion until permanent vegetation is established.

Contractors on individual lots and development tracts should be required to provide runoff control consistent with the drainage design of the overall project. The methods to be used will be similar to the methods outlined for construction of subdivision improvements.

1.2 Temporary Controls

Temporary controls will be required for initial construction operation and for road and drainage construction and final landscaping. The installation of underground utilities including, but not limited to, sewer and water will require the control of erosion and sedimentation. The temporary controls will be maintained for a minimum period of one year or for one full growing season until reseeded areas are well established.

A number of procedures will be implemented for temporary control of erosion and sedimentation during construction operations. These procedures are simplified as follows:

Quantity of unstable earth will be minimized. The contractor will be limited to opening a maximum of 100 feet of trench along the pipeline route. This will reduce the volumetric flow of ground water required to be de-watered from the excavation. This will also reduce the surface area of the spoils pile, which will potentially be subjected to erosion during storm events.

Backfill compaction will be tightly controlled. This will reduce the erosion potential of backfilled areas by improving the cohesiveness of the soils. The contractor will be required to meet 85–95% of maximum density compaction requirements, depending upon location as defined in the project specifications.

Storm water and dewatering will be controlled. The contractor will have some latitude in his approach here; however, the contract documents will require strict adherence to applicable County and State water quality requirements. We will provide the following suggestions for controls:

The dewatering pipeline routes will be over or in new road or utility construction. Temporary ditches will handle high flows during storm events. The temporary ditches will be used to convey dewatering flows or surface runoff during storm events. If erosion begins to occur, ditch stabilization will involve the use of erosion control fabric, hay and/or mulch.

Water flowing down the ditch will pass through a filtering device, which will reduce sediment load prior to the water entering the natural surface watercourse. The filter system will be constructed of a hay-bale dam to reduce velocity and filter silts [illegible] for filtration.

A second alternative will be to construct sediment and control ponds on the downstream side of road construction, between the road and natural surface watercourse. The ponds will employ a combination of earth and hay-bale embankment or fabric weir dams, and an outlet pipe or weir to the discharge point. As much as possible, discharge will be routed through natural or cultivated swales to achieve additional treatment prior to entering any natural watercourse or wetland area.

Field adjustments. The Engineer will be providing resident services and the Owner will be present during the majority of the construction. Field modification will be made as necessary to minimize erosion and sedimentation.

1.3 Mulch Stabilization

Mulch stabilization will be used to stabilize exposed soils with non-vegetative materials. The mulch will temporarily protect exposed soil surfaces from erosion damage and reduce off-site environmental damage. This practice will be applicable to areas subject to erosion, where the season and other conditions may not be suitable for growing an erosion-resistant cover or where stabilization is needed during construction or other short periods until more suitable protection can be applied.

Site preparation will basically involve grading disturbed areas as needed and feasible, to permit the use of conventional equipment for applying and anchoring mulch.

The Contractor will employ needed erosion control practices such as diversions, grade stabilization structures, and berms as required.

The protective materials for mulch stabilization may consist of the following alternatives:

1. Unrotted small grain straw or grass hay at 1.5 to 2 tons per acre is spread uniformly at 70 to 90 pounds per/1000 square feet anchored with a mulch anchoring tool, liquid mulch binders, or netting tie down.
2. Synthetic soil stabilizers may be used under suitable conditions and in sufficient quantities.
3. Wood fiber or paper fiber mulch at the rate of 1,500 pounds per acre may be applied by hydroseeding.
4. Mulch netting, such as paper, jute excelsior, cotton or plastic, may be used.

Mulch anchoring should be accomplished immediately after placement to minimize loss by wind or water. This may be done by one of the following Mulch Stabilization Methods, depending upon the size of the area, steepness of the slopes, and costs:

1. Peg and Twine – Drive 8 to 10 inch wooden pegs to within 2 to 3 inches of the soil surface every 4 feet in all directions. Stakes may be driven before or after applying mulch. Secure mulch to soil surface by stretching twine between pegs in a criss-cross and square pattern. Secure twine around each peg with two or more round turns.
2. Mulch Netting – Staple paper, jute, cotton, excelsior, or plastic netting to the soil surface. Do not use non-degradable netting in areas to be mowed. Netting is usually available in rolls 4 feet wide and up to 300 feet long.
3. Mulch Anchoring Tool – A tractor drawn implement especially designed to punch and anchor mulch into the surface soil. This practice affords maximum erosion control, but its use is limited to those slopes upon which the tractor can operate safely. Tool penetration should be about 3 to 4 inches. On sloping land, the operation should be done on the contour.

The Contractor will have some latitude in which of these methods to use.

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MARK	DATE	DESCRIPTION	BY	CK
1	11/XX	PRELIMINARY REVIEW	JA	CV
A	1/XX/XX	REVISED PER COMMENTS DATED [illegible]	JA	ST

PROJECT: EAGLE RIVER STATION OFF-STIE DESIGN

TITLE: PROPOSED HIGHWAY 6 ROUNDABOUT PLAN

JOB NO. EA07240

SHEET NO. 3

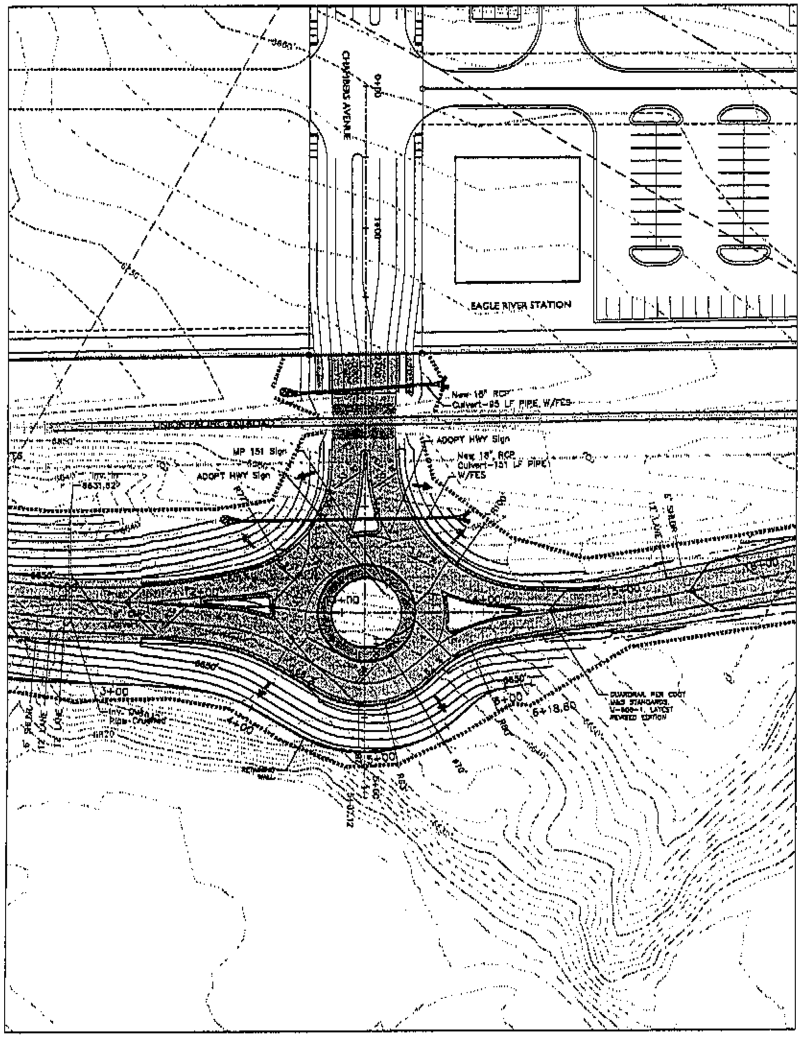
INTEGRITY
FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
EAST & WEST ROUNDABOUTS PLAN
EAGLE, COLORADO

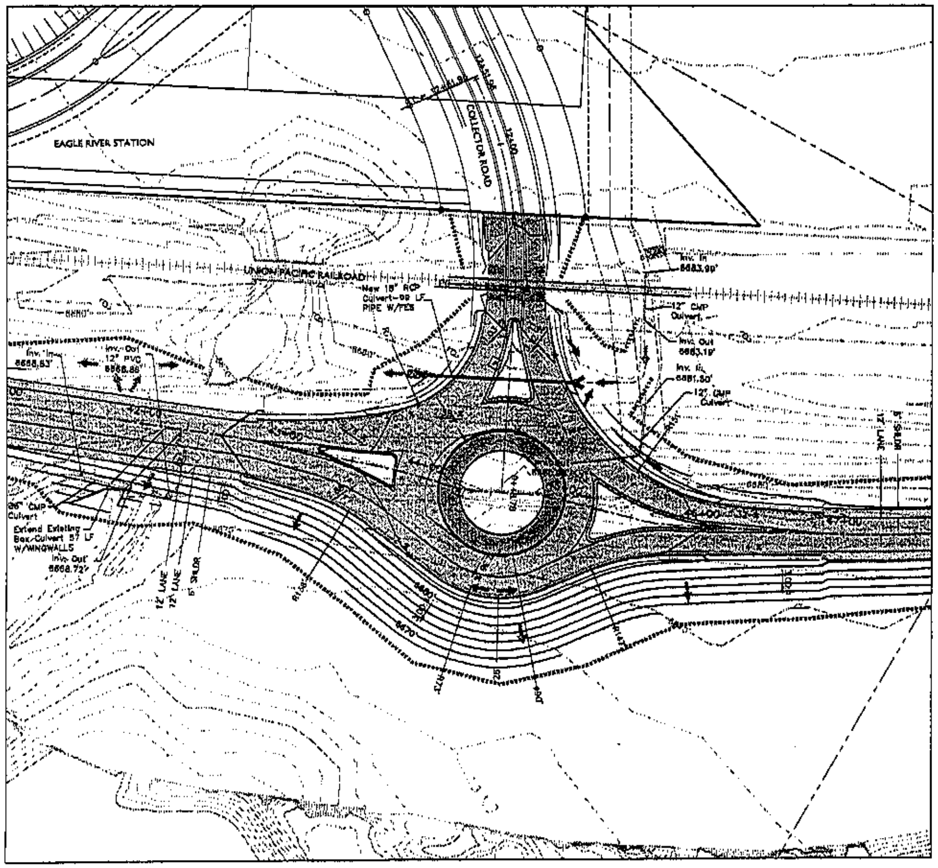
GRAPHIC SCALE

(IN FEET)

WEST ROUNDABOUT PLAN



EAST ROUNDABOUT PLAN



NOTES: EROSION CONTROL

1) SEE CDOT M&S STANDARDS FOR TEMPORARY EROSION CONTROL M-107-A LATEST REVISED EDITION.
2) ENGINEER WILL FIELD VERIFY AT TIME OF CONSTRUCTION.
3) PERMANENT EROSION CONTROL TO BE PLACED AFTER CUT AND FILL SLOPES ARE IN PLACE. ALL CUT AND FILL SLOPES AND OTHER DISTURBED AREAS TO BE REVEGETATED AFTER CONSTRUCTION.
4) CONTRACTOR RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF TEMPORARY EROSION CONTROL. CONTRACTOR RESPONSIBLE TO USE BMP FOR EROSION CONTROL.

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NO.	DATE	DESCRIPTION	DES.	CHK
1		REVISED PER COMMENTS DATED	JAA	CW
		PRELIMINARY REVIEW	JAA	CW

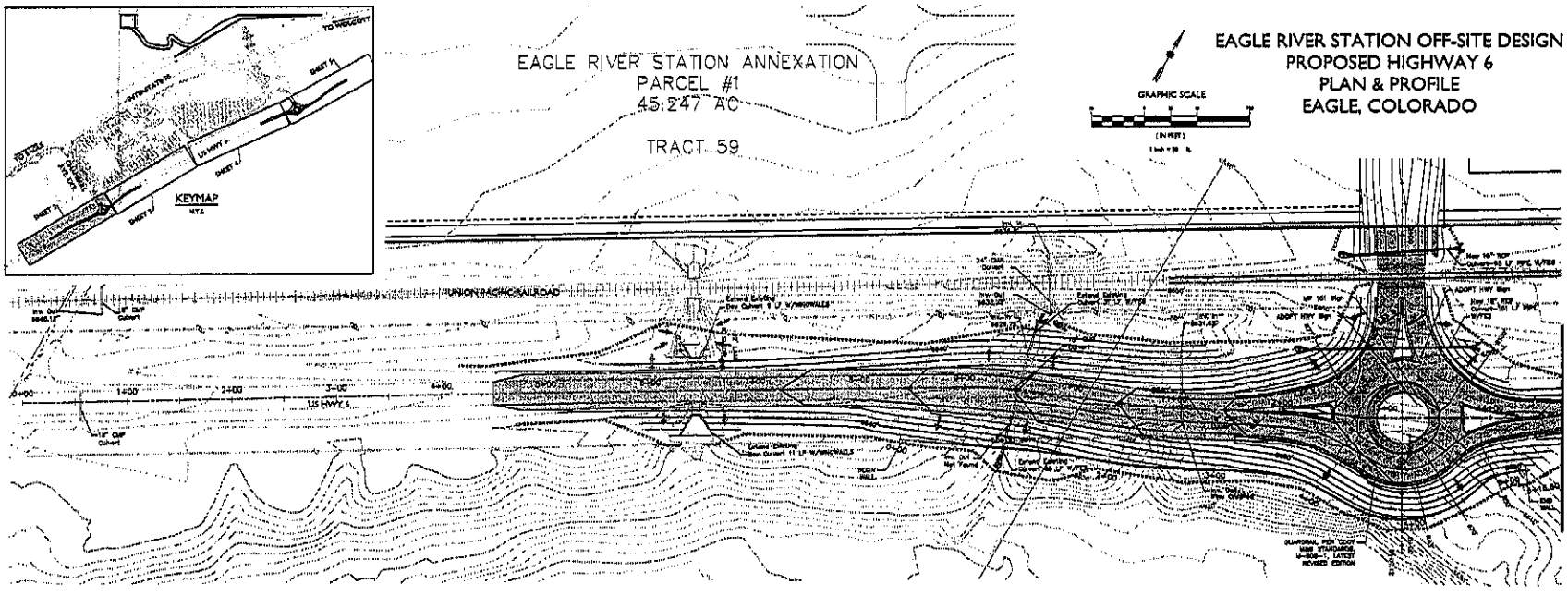
PROJECT: EAGLE RIVER STATION OFF-STIE DESIGN

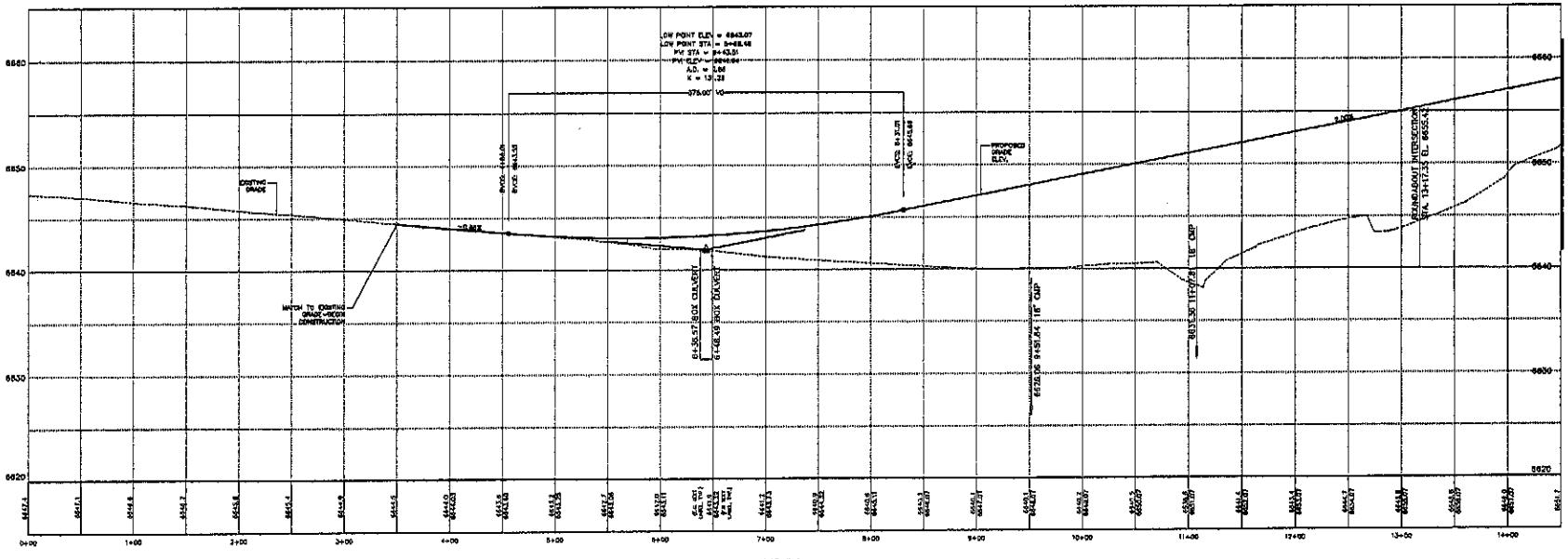
TITLE: PROPOSED HIGHWAY 6 ROUNDABOUT PLAN

JOB NO. EA07240

SHEET NO. 4

INTEGRITY FROM THE GROUND UP





EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
PLAN & PROFILE
EAGLE, COLORADO

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REVISIONS			
A	USBS	REVISED PER COMMENTS DATED 12/24/97	JKA CW
1	DCMP	RELEASE/ISSUE	JKA CW
NO.	DATE	DESCRIPTION	BY CHK

PROJECT: EAGLE RIVER STATION OFF-STIE DESIGN

TITLE: PROPOSED HIGHWAY 6 PLAN & PROFILE STATION 0+00 TO 14+50

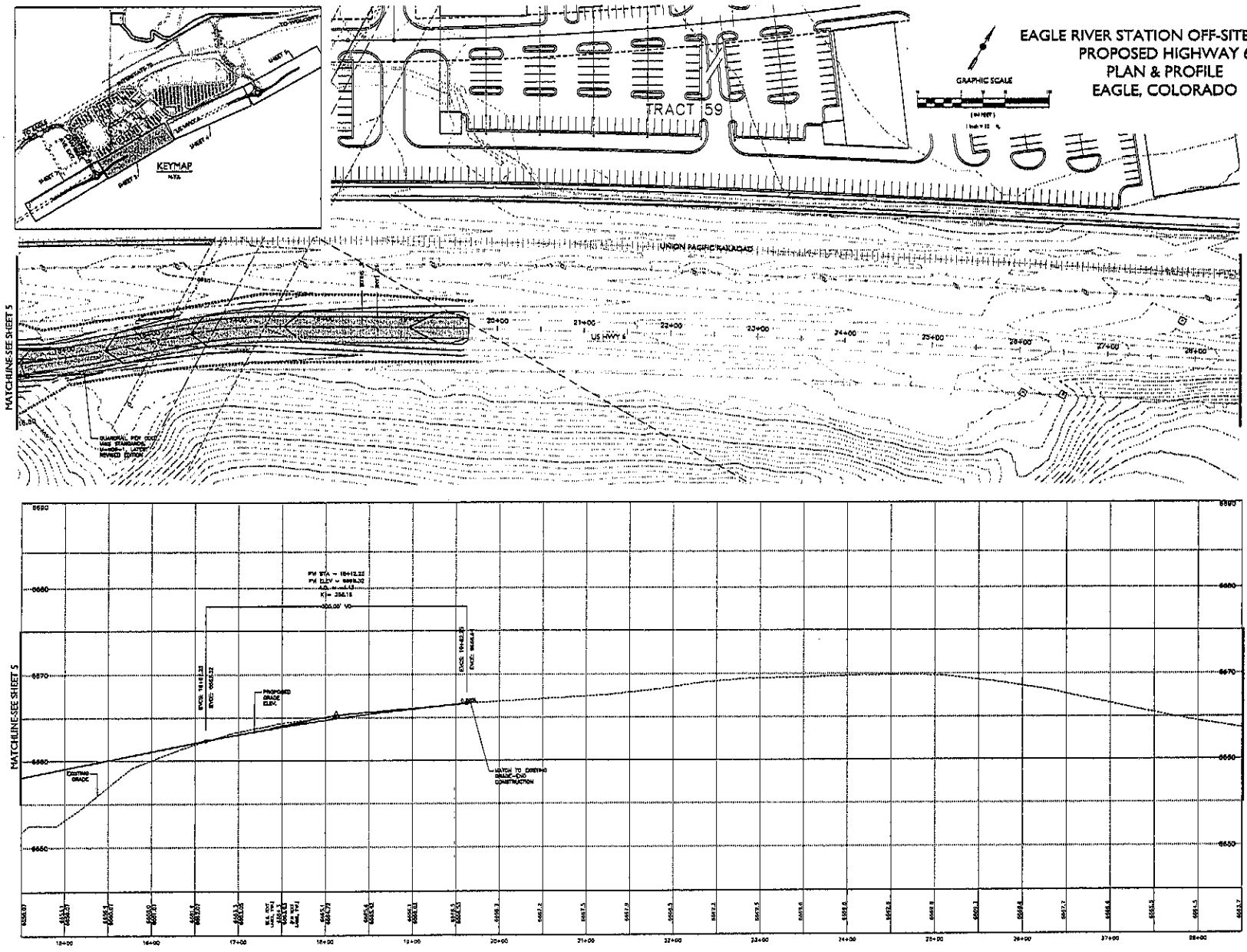
STAMP

JOB NO. EA07240

SHEET NO. 5

INTEGRITY FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
PLAN & PROFILE
EAGLE, COLORADO



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1324 CHAMBERS AVE, SUITE 200
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REVISIONS			
A			
1	12/2007	FIELD-PRIVATE REVIEW	
NO.	DATE	DESCRIPTION	BY

PROJECT: EAGLE RIVER STATION OFF-STIE DESIGN

TITLE: PROPOSED HIGHWAY 6 PLAN & PROFILE STATION 14+50 TO 28+50

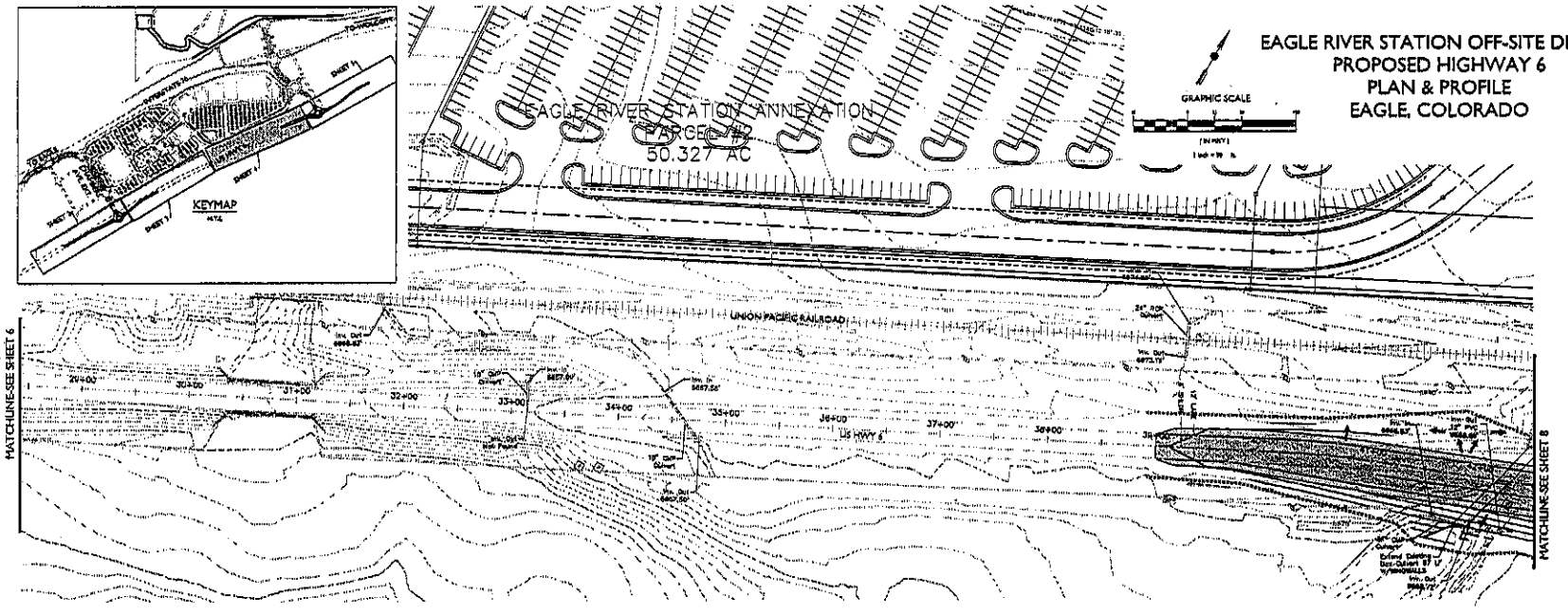
STAMP

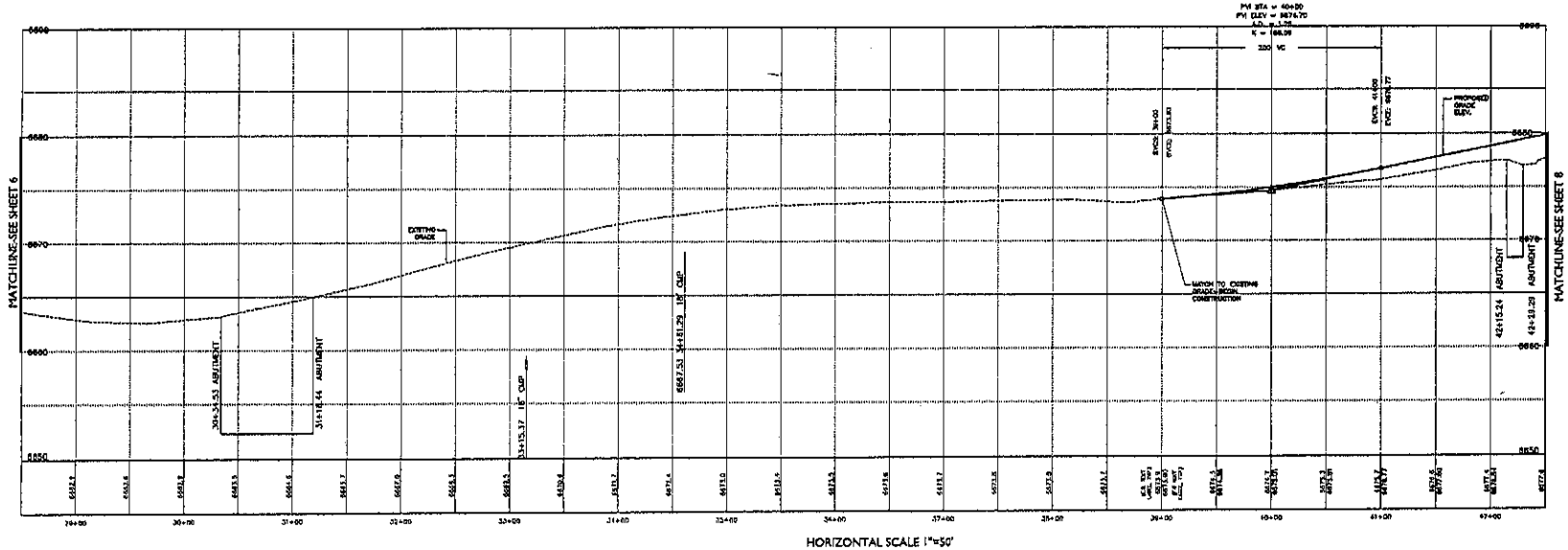
JOB NO. EA07240

SHEET NO. 6

INTEGRITY FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
PLAN & PROFILE
EAGLE, COLORADO





HORIZONTAL SCALE 1"=50'
VERTICAL SCALE 1"=5'

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REVISIONS				
A		REVISED PER COMMENTS DATED 03/04/07	JAA	CW
1	12/04/07	PRELIMINARY REVIEW	JAA	CW
NO.	DATE	DESCRIPTION	BY	CHK

PROJECT: EAGLE RIVER STATION OFF-STIE DESIGN

TITLE: PROPOSED HIGHWAY 6 PLAN & PROFILE
STATION 28+50 TO 42+50

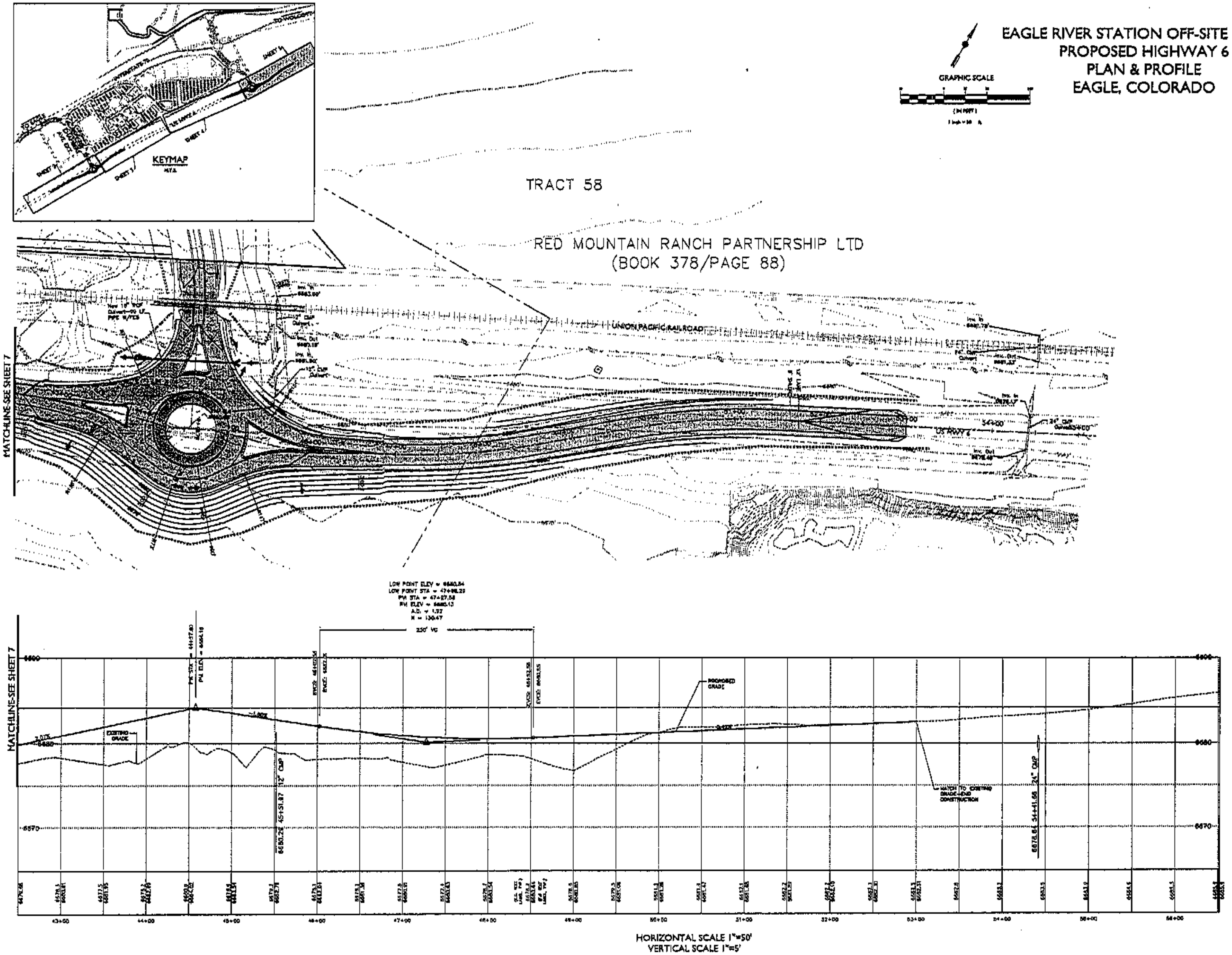
STAMP

JOB NO. EA07240

SHEET NO. 7

INTEGRITY
FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
PLAN & PROFILE
EAGLE, COLORADO



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1296 CHAMBERS AVE, SUITE 209
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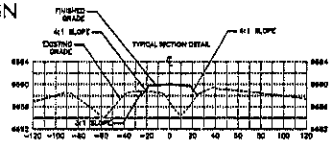
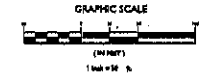
PROJECT: EAGLE RIVER STATION OFF-STIE DESIGN
TITLE: PROPOSED HIGHWAY 6 PLAN & PROFILE STATION 42+50 TO 56+51.72

JOB NO. EA07240
SHEET NO. 8

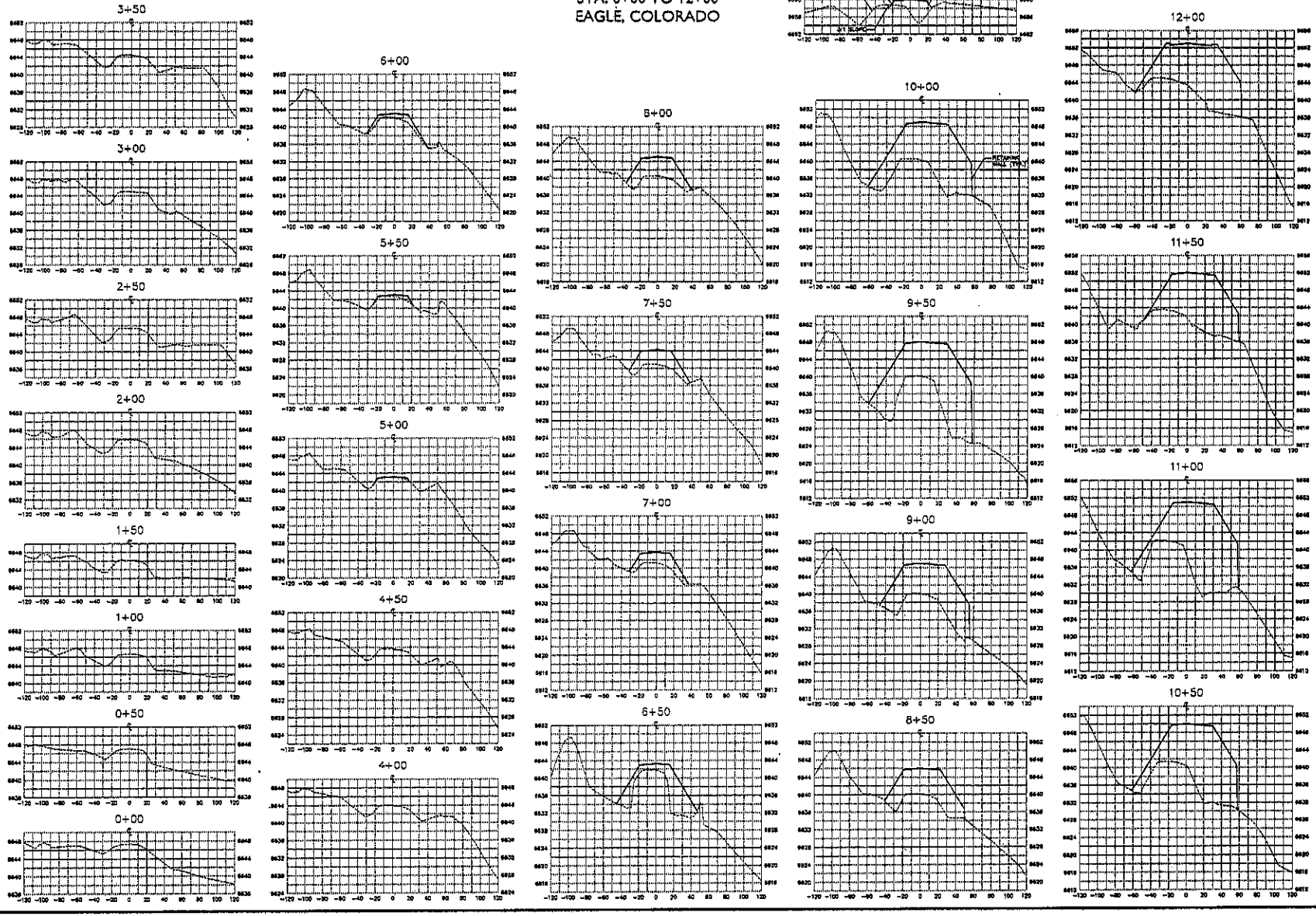
INTEGRITY FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
CROSS SECTIONS
STA. 0+00 TO 12+00
EAGLE, COLORADO





HORIZONTAL SCALE 1"=50'
VERTICAL SCALE 1"=10'



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REVISIONS				
A		REVISED PER COMMENTS DATED 02/07	JAA	CW
1	02/07	PRELIMINARY REVIEW	JAA	CW
NO.	DATE	DESCRIPTION		

PROJECT: EAGLE RIVER STATION OFF-STIE DESIGN

TITLE: PROPOSED HIGHWAY 6 CROSS SECTIONS STATION 0+00 TO 12+00

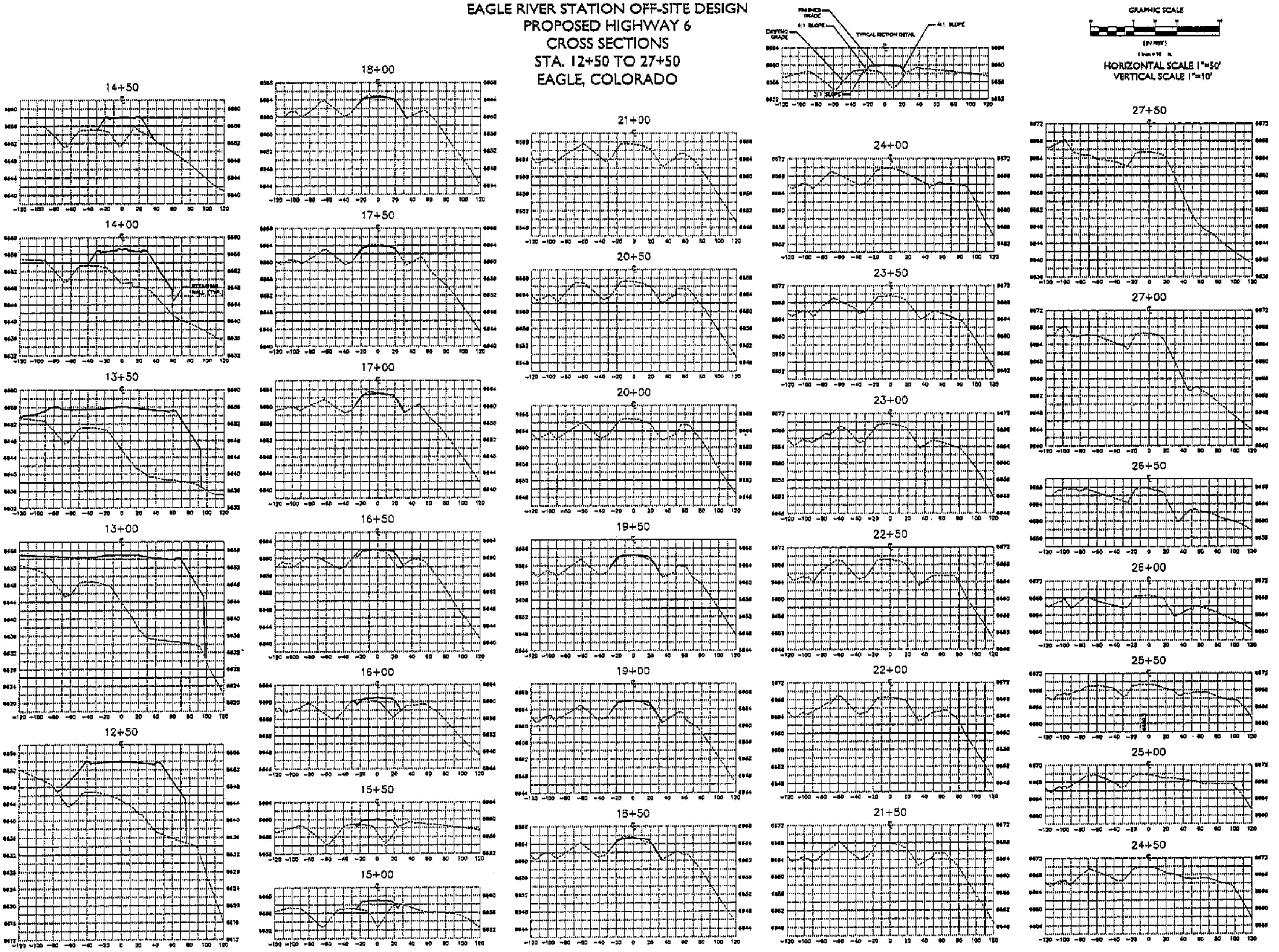
STAMP

JOB NO. EA07240

SHEET NO. 9

INTEGRITY FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
CROSS SECTIONS
STA. 12+50 TO 27+50
EAGLE, COLORADO



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NO.	DATE	DESCRIPTION	BY	CHK
A	[illegible]	REVISED PER COMMENTS DATED [illegible]	JA	CW
1	[illegible]	PRELIMINARY REVIEW	JA	CW

PROJECT: EAGLE RIVER STATION OFF-SITE DESIGN

TITLE: PROPOSED HIGHWAY 6 CROSS SECTIONS STATION 12+50 TO 27+50

STAMP

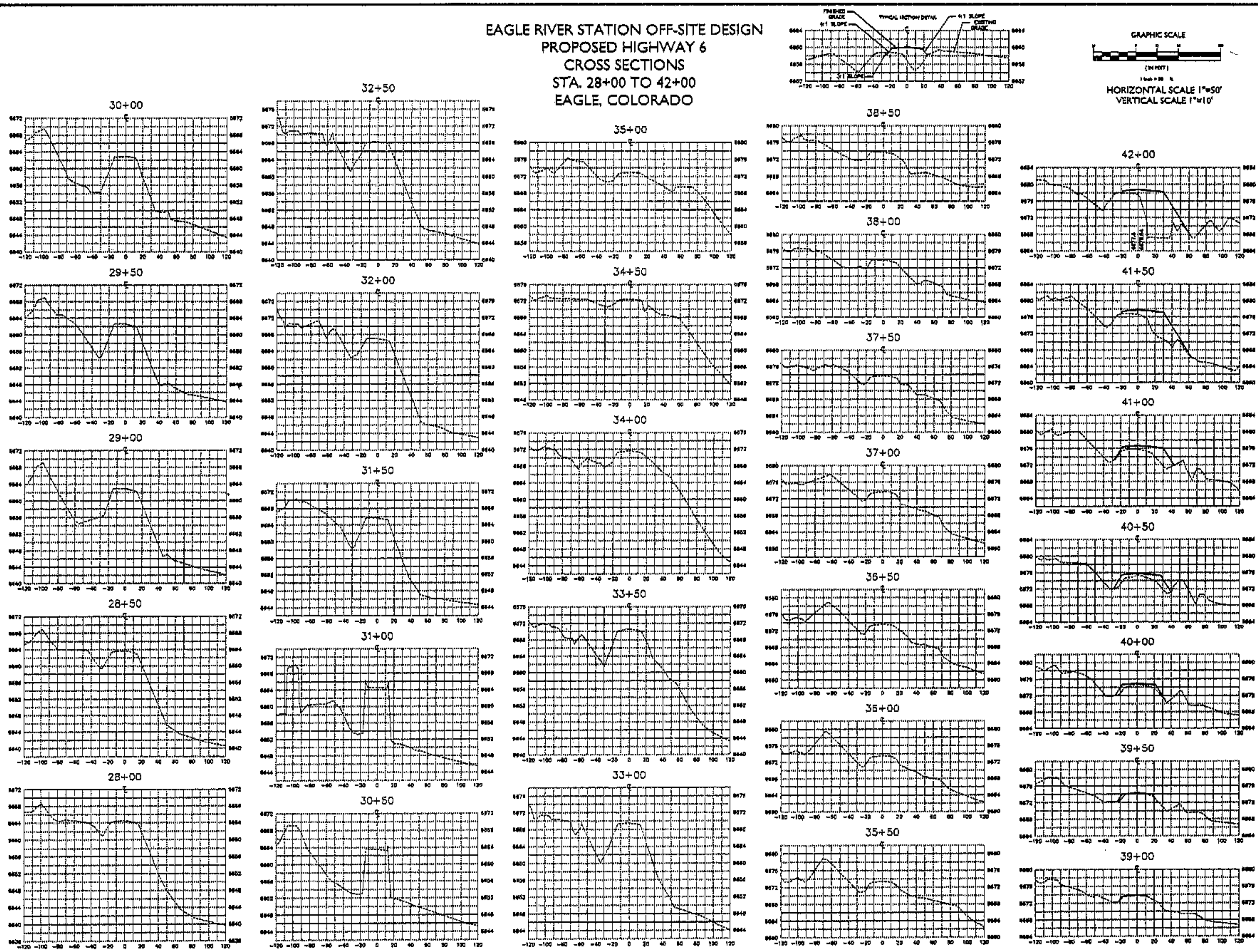
JOB NO. EA07240

SHEET NO. 10

INTEGRITY FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
CROSS SECTIONS
STA. 28+00 TO 42+00
EAGLE, COLORADO

HORIZONTAL SCALE 1"=50'
VERTICAL SCALE 1"=10'



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1306 CHAMBERS AVE, SUITE 200
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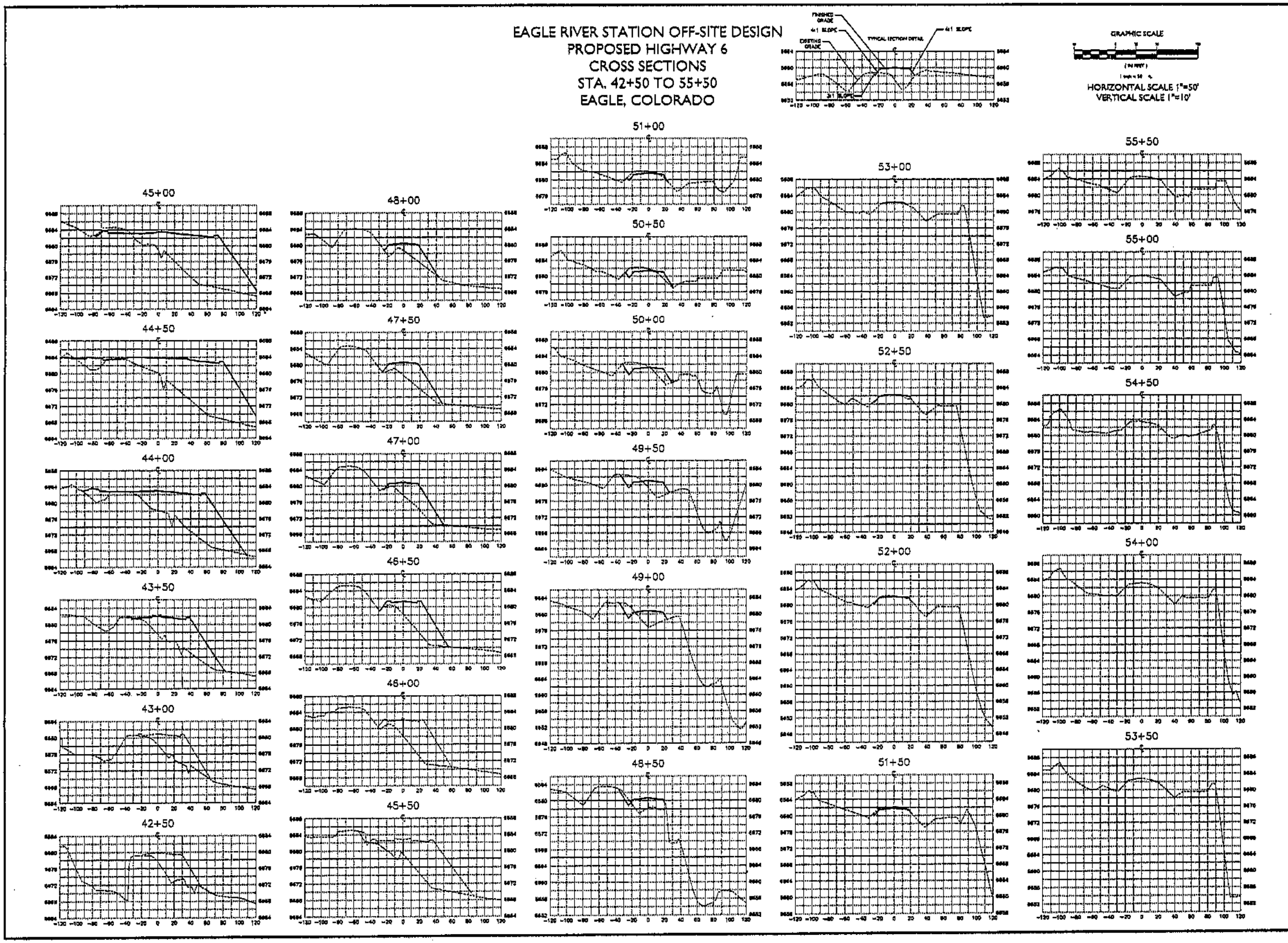
PROJECT: EAGLE RIVER STATION OFF-STIE DESIGN

TITLE: PROPOSED HIGHWAY 6 CROSS SECTIONS STATION 28+00 TO 42+00

JOB NO. EA07240

SHEET NO. 11

INTEGRITY FROM THE GROUND UP



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EAGLE RIVER STATION OFF-SITE DESIGN

PROPOSED HIGHWAY 6 CROSS SECTIONS
STATION 42+50 TO 55+50

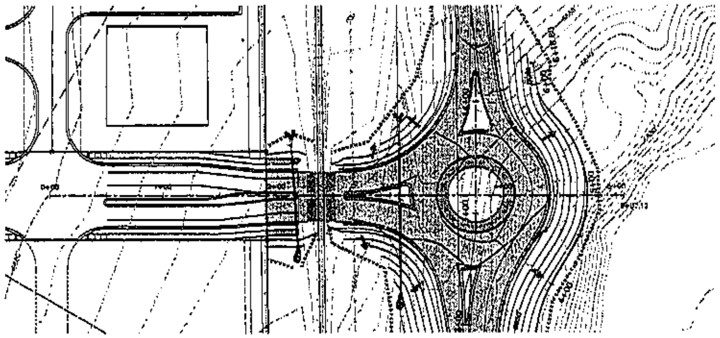
EA07240

12

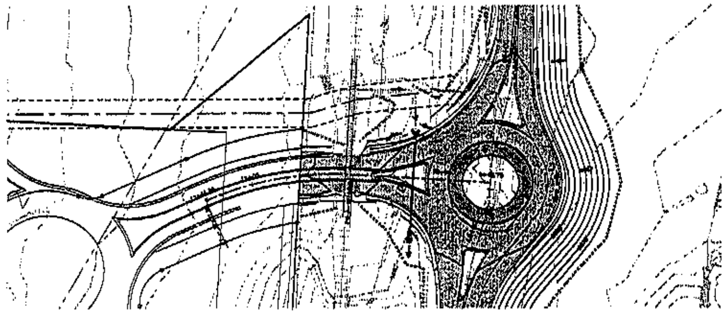
INTEGRITY
FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
RAILROAD CROSSINGS PLAN & PROFILES
EAGLE, COLORADO

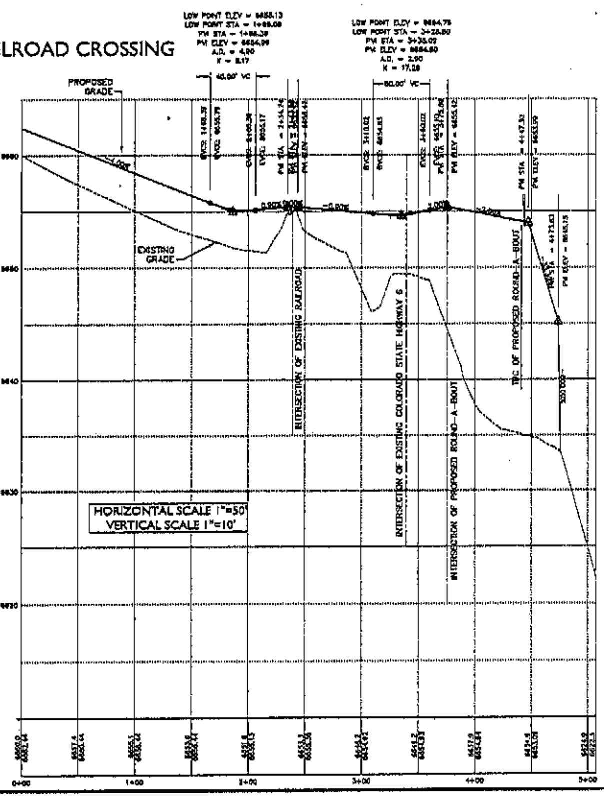
WEST RAILROAD CROSSING



EAST RAILROAD CROSSING

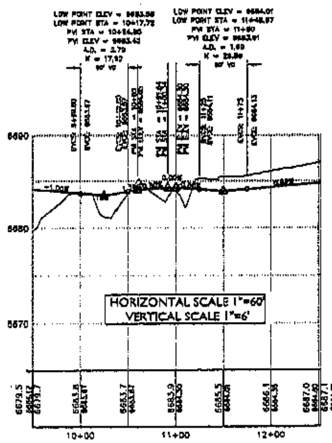


WEST RAILROAD CROSSING



EAST RAILROAD CROSSING

HORIZONTAL SCALE 1"=60'
VERTICAL SCALE 1"=6'



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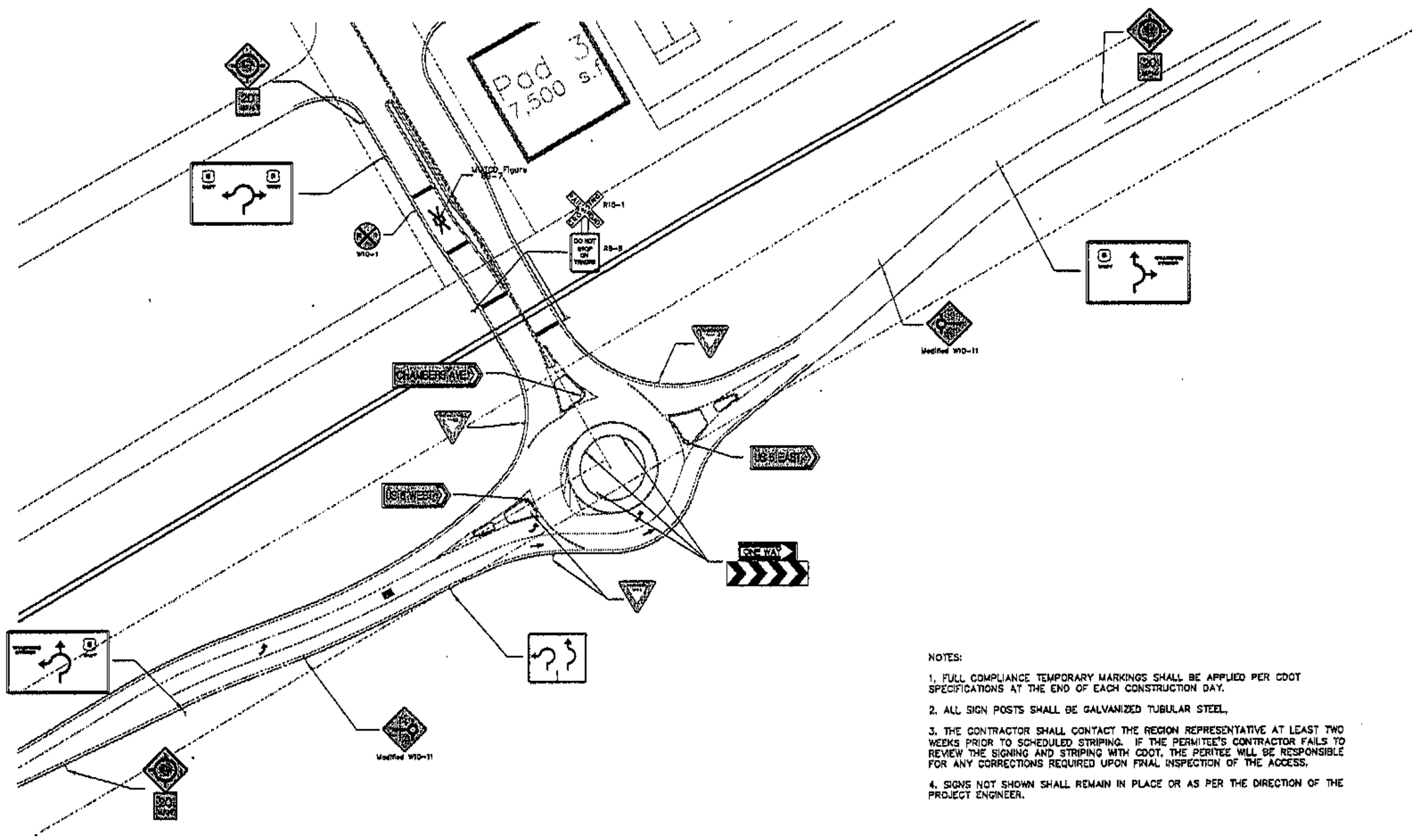
PROJECT: EAGLE RIVER STATION OFF-SITE DESIGN
TITLE: PROPOSED RAILROAD CROSSINGS PLAN AND PROFILES

JOB NO. EA07240
SHEET NO. 13

INTEGRITY FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6-WEST ROUNDABOUT
SIGNING AND STRIPING PLAN
EAGLE, COLORADO



NOTES:

1. FULL COMPLIANCE TEMPORARY MARKINGS SHALL BE APPLIED PER CDOT SPECIFICATIONS AT THE END OF EACH CONSTRUCTION DAY.

2. ALL SIGN POSTS SHALL BE GALVANIZED TUBULAR STEEL.

3. THE CONTRACTOR SHALL CONTACT THE REGION REPRESENTATIVE AT LEAST TWO WEEKS PRIOR TO SCHEDULED STRIPING. IF THE PERMITEE'S CONTRACTOR FAILS TO REVIEW THE SIGNING AND STRIPING WITH CDOT, THE PERITEE WILL BE RESPONSIBLE FOR ANY CORRECTIONS REQUIRED UPON FINAL INSPECTION OF THE ACCESS.

4. SIGNS NOT SHOWN SHALL REMAIN IN PLACE OR AS PER THE DIRECTION OF THE PROJECT ENGINEER.

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P 970 328 6368
F 970 328 1658
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PROJECT: EAGLE RIVER STATION OFF-SITE DESIGN

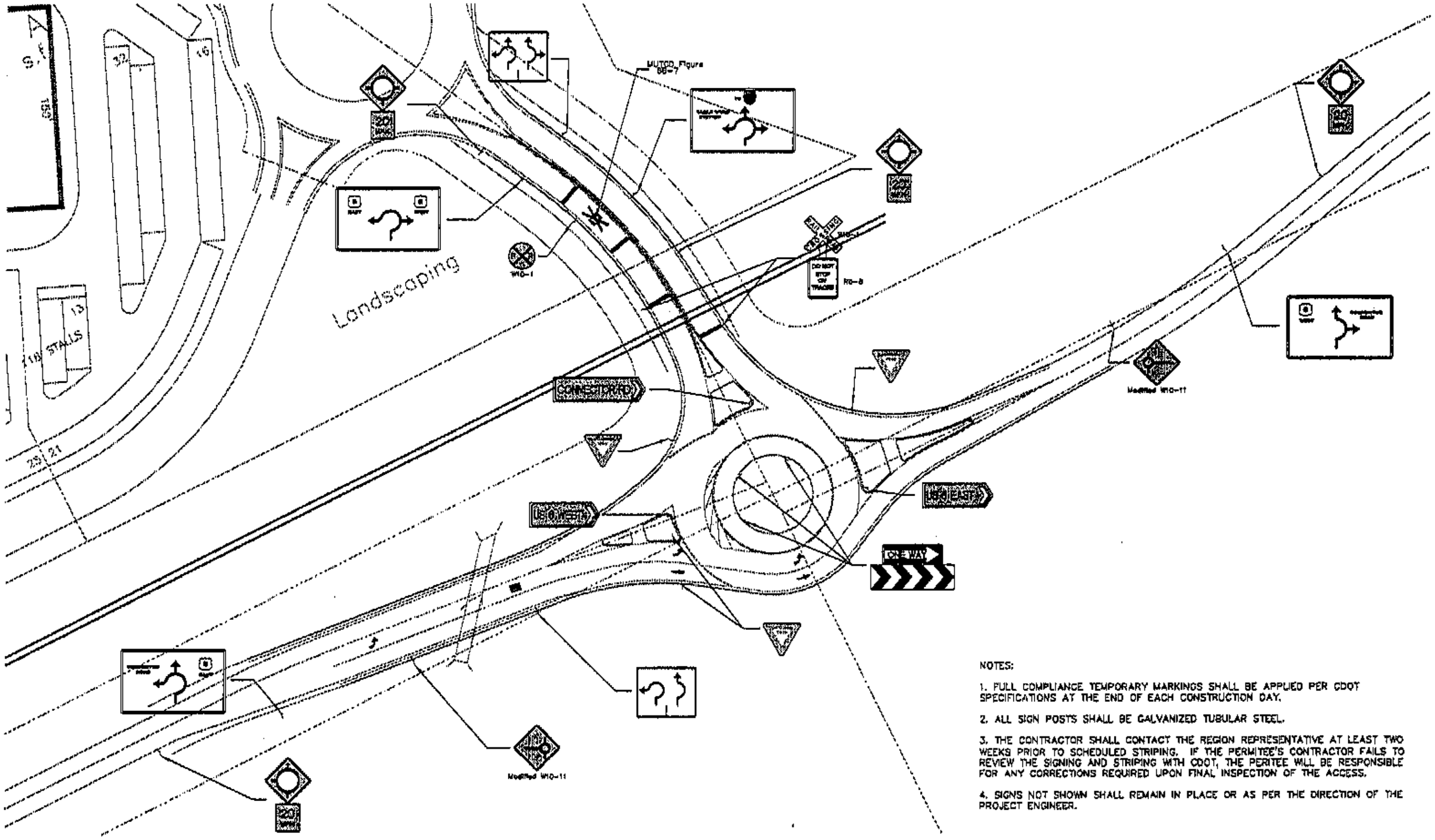
TITLE: PROPOSED WEST ROUNDABOUT SIGNING AND STRIPING PLAN

JOB NO. EA07240

SHEET NO. 14

INTEGRITY FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6-EAST ROUNDABOUT
SIGNING AND STRIPING PLAN
EAGLE, COLORADO



NOTES:

1. FULL COMPLIANCE TEMPORARY MARKINGS SHALL BE APPLIED PER CDOT SPECIFICATIONS AT THE END OF EACH CONSTRUCTION DAY.

2. ALL SIGN POSTS SHALL BE GALVANIZED TUBULAR STEEL.

3. THE CONTRACTOR SHALL CONTACT THE REGION REPRESENTATIVE AT LEAST TWO WEEKS PRIOR TO SCHEDULED STRIPING. IF THE PERMITEE'S CONTRACTOR FAILS TO REVIEW THE SIGNING AND STRIPING WITH CDOT, THE PERITEE WILL BE RESPONSIBLE FOR ANY CORRECTIONS REQUIRED UPON FINAL INSPECTION OF THE ACCESS.

4. SIGNS NOT SHOWN SHALL REMAIN IN PLACE OR AS PER THE DIRECTION OF THE PROJECT ENGINEER.

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EAGLE, COLORADO
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NO.	DATE	ISSUE		
1		PRELIMINARY REVIEW	JA	CW
4		REVISED PER COMMENTS	JA	CW

PROJECT: EAGLE RIVER STATION OFF-SITE DESIGN

TITLE: PROPOSED EAST ROUNDABOUT SIGNING AND STRIPING PLAN

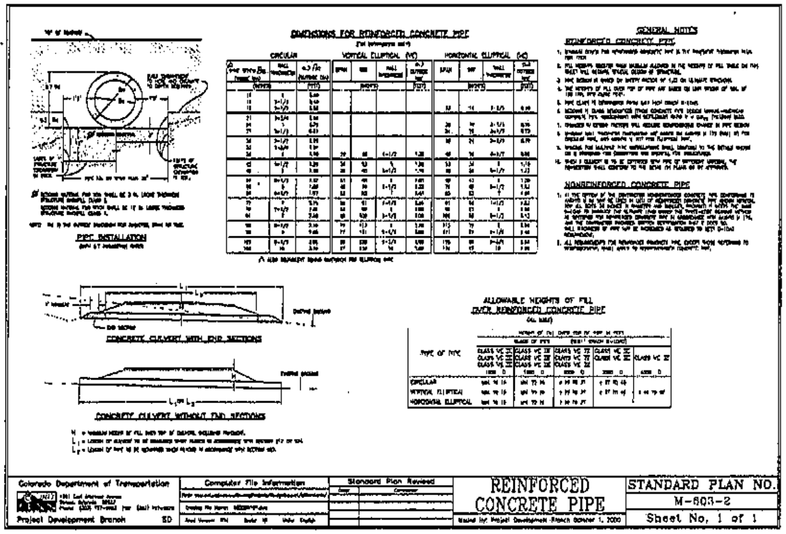
STAMP

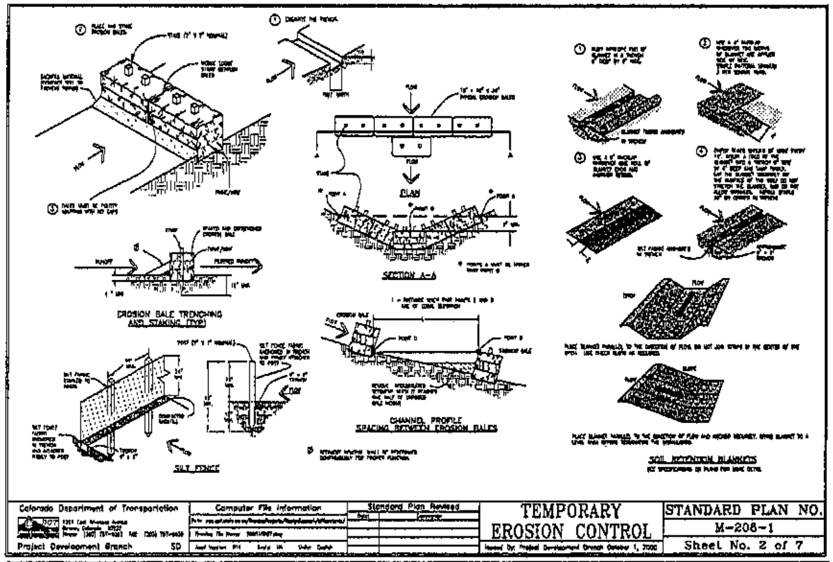
JOB NO. EA07240

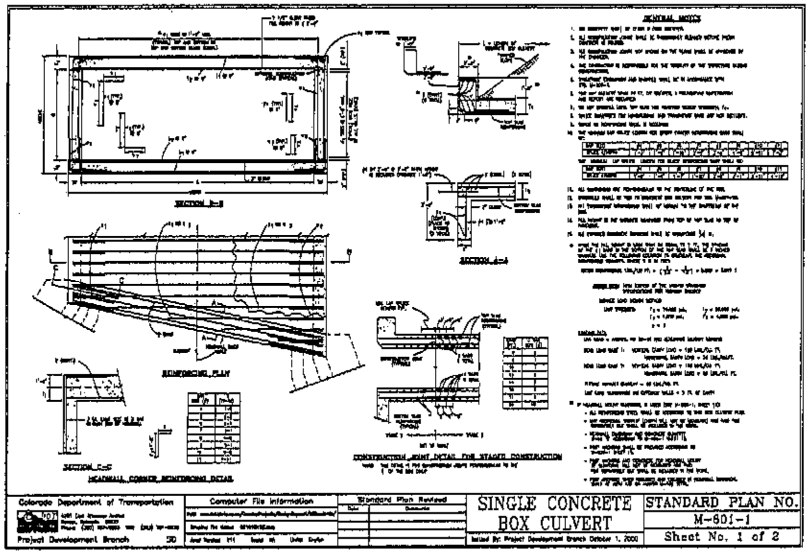
SHEET NO. 15

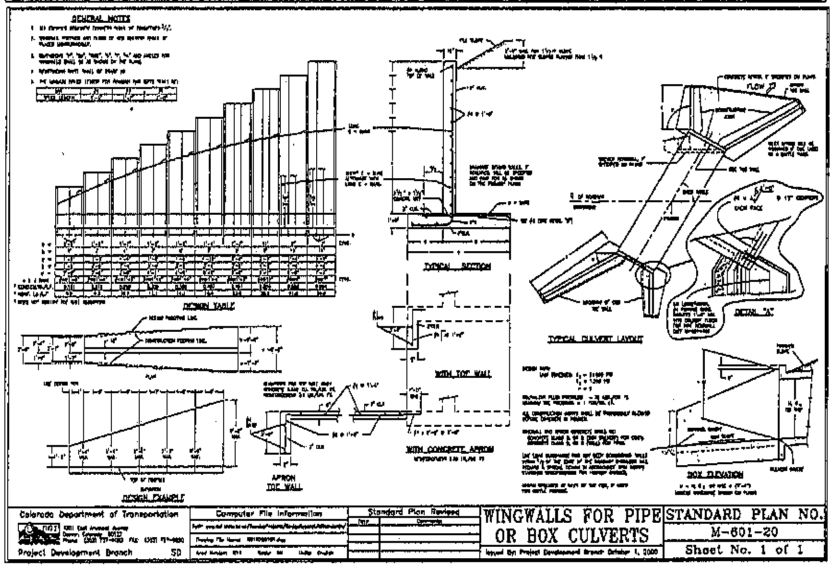
INTEGRITY FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
GRADING, DRAINAGE, & EROSION CONTROL DETAILS
EAGLE, COLORADO









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PROJECT: EAGLE RIVER STATION OFF-STIE DESIGN

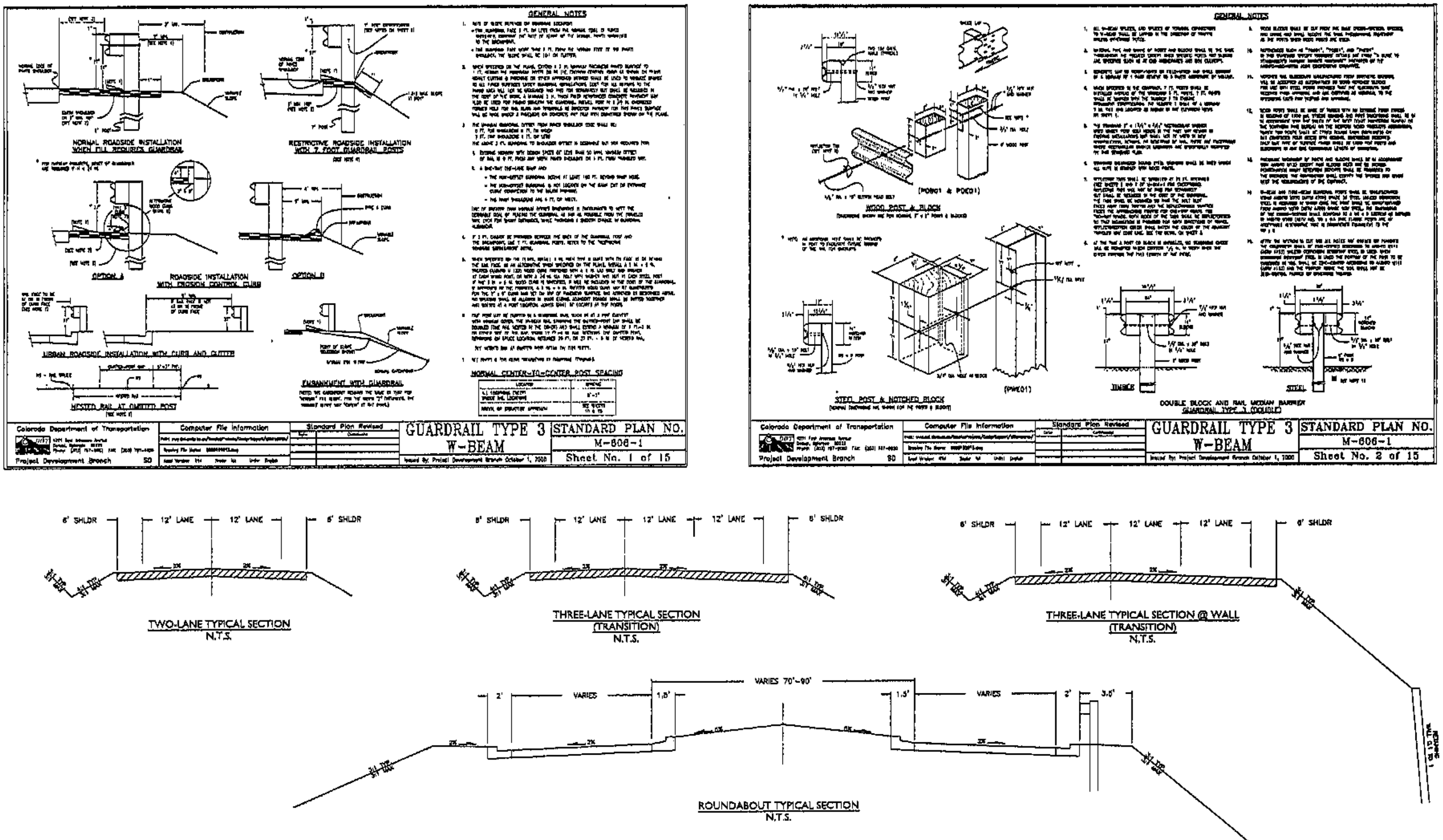
TITLE: GRADING, DRAINAGE AND EROSION CONTROL DETAILS

JOB NO. EA07240

SHEET NO. 16

INTEGRITY
FROM THE GROUND UP

EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
ROADWAY DETAILS
EAGLE, COLORADO



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7241 CHAMBERS AVE., SUITE 200
EAGLE, COLORADO 81631
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F 970 328 1635
WWW.JK-INC.COM

PROJECT: EAGLE RIVER STATION OFF-STIE DESIGN

TITLE: ROADWAY DETAILS

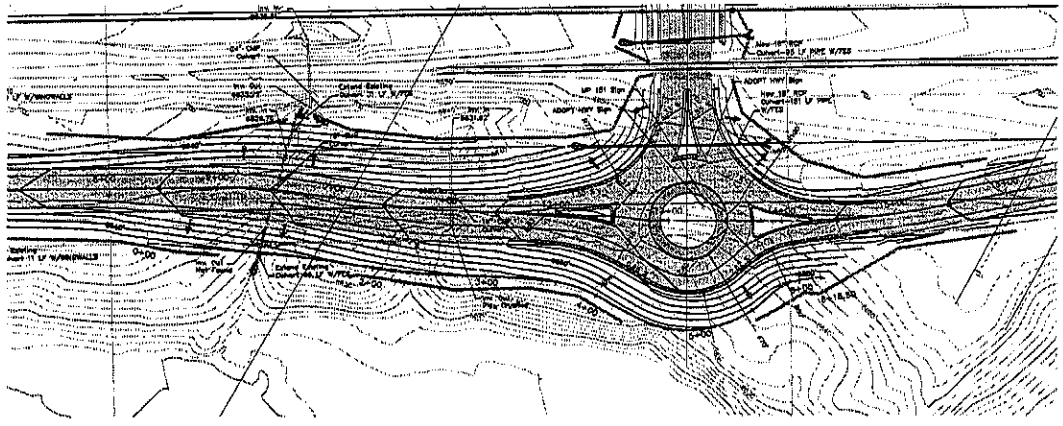
JOB NO. EA07240

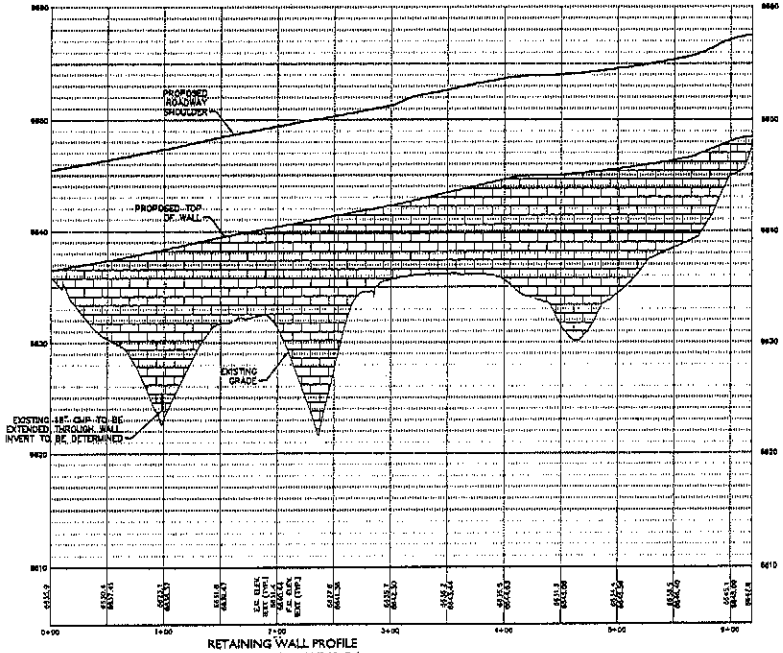
SHEET NO. 17

INTEGRITY FROM THE GROUND UP

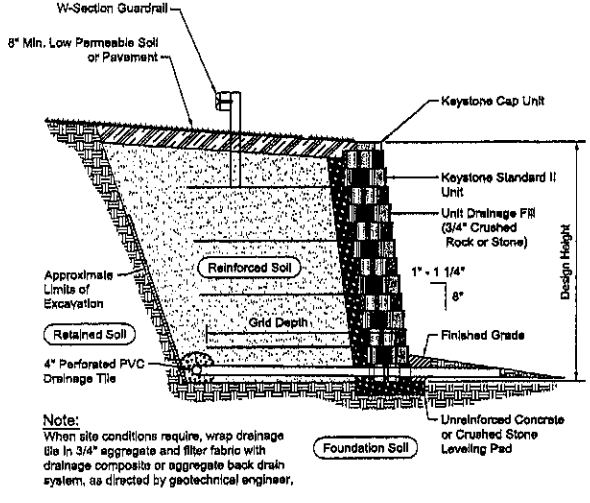
EAGLE RIVER STATION OFF-SITE DESIGN
PROPOSED HIGHWAY 6
WEST ROUNDABOUT RETAINING WALL
PLAN AND PROFILE
EAGLE, COLORADO

GRAPHIC SCALE





RETAINING WALL PROFILE
HORIZONTAL SCALE 1"=50'
VERTICAL SCALE 1"=5'



Note:
When site conditions require, wrap drainage tile in 3/4" aggregate and filter fabric with drainage composite or aggregate back drain system, as directed by geotechnical engineer.

Typical Reinforced Wall Section
Standard II Unit - 1" Setback

J&K, INC.
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CIVIL ENGINEERING
LAND SURVEYING
MAPPING
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REVISIONS					
1.	03/08/07	RLS	REVISED PER COMMENTS UNITED GROUP	SAL	CVT
2.				SAL	CVT
3.				SAL	RW

PROJECT: EAGLE RIVER STATION OFF-STIE DESIGN
TITLE: HIGHWAY 6 WEST ROUNDABOUT RETAINING WALL PLAN AND PROFILE
STAMP
JOB NO. EA07240
SHEET NO. 18

INTEGRITY FROM THE GROUND UP