



Administration Building
West Hearing Room
5334 S. Prince St.
Littleton, CO 80120
303-795-4630
303-738-7915 TTY

Nancy A. Doty, Chair, District 1
Nancy Sharpe, District 2
Rod Bockenfeld, District 3
Nancy Jackson, Chair Pro-Tem, District 4
Bill Holen, District 5

Study Session

February 29, 2016

The Arapahoe County Board of County Commissioners typically holds weekly Study Sessions on Monday and Tuesday. Study Sessions (except for Executive Sessions) are open to the public and items for discussion are included on this agenda. Agendas (except for Executive Sessions agendas) are available through the Commissioners' Office or through the County's web site at www.arapahoegov.com. Please note that the Board may discuss any topic relevant to County business, whether or not the topic has been specifically noticed on this agenda. In particular, the Board typically schedules time each Monday under "Committee Updates" to discuss a wide range of topics. In addition, the Board may alter the times of the meetings throughout the day, or cancel or reschedule noticed meetings. Questions about this agenda? Contact the Commissioners' Office at 303-795-4630 or by e-mail at commissioners@arapahoegov.com

Study Session Topics

9:00 A.M. Calendar Updates (WHR)

*Diana Maes
BoCC Administration Manager*

9:30 A.M. E-Team Update (WHR)

*David Bessen,
Chair, E-Team
Director, Information Technologies*

10:00 A.M. BOCC Updates (WHR)

Board of County Commissioners

Break

11:30 A.M. * Lobbyist Lunch (WHR)

*BoCC
Ron Carl, County Attorney
Greg Romberg, Lobbyist*

1:00 P.M. Interview For A Vacant Position On The Arapahoe County Water And Wastewater Authority (BoCC Conference Room)

BoCC

2:00 P.M. *Drop In (WHR)
Board of County Commissioners

1. **Renewal Of Community Service IGA With The City Of Littleton**
Discuss renewal of an Intergovernmental Agreement (IGA) with the City of Littleton to contract for Judicial Services to provide case management for people convicted in Littleton Municipal Court who are ordered to perform community service work

Request: Information/Direction

Brad Kamby, Judicial Services Division Manager, Community Resources
Don Klemme, Director, Community Resources
Tiffanie Bleau, Senior Assistant County Attorney
Todd Weaver, Budget Manager, Finance

Documents: [BSR DROP-IN COMMUNITY SERVICE IGA RENEWAL 2016.PDF](#)

2. **ZTU-2016-00002 Temporary Use Permit**
Discuss a request for a Temporary Use Permit, ZTU-2016-00002, for San Miguel Valley Corporation at 171/181 Inverness Drive West, Englewood, Colorado 80112, for Temporary Parking and a Construction Staging Yard

Request: Information/Direction

Tammy King, Zoning Administrator, Public Works and Development
Bryan Weimer, Transportation Division Manager, Public Works and Development
Keith Ashby, Purchasing Manager, Finance
Robert Hill, Senior Assistant County Attorney

Documents: [BOARD OF COUNTY COMMISSIONER REFERRAL ZTU-2016-00002.PDF](#)

2:20 P.M. * Executive Session (WHR)

Executive Study Session and County Attorney Administrative Meeting [Section 24-6-402 (4)(b)C.R.S.](As required by law, specific agenda topics will be announced in open meeting prior to the commencement of the closed and confidential portion of this session) (WHR)

Ron Carl, County Attorney

*** To Be Recorded As Required By Law**

WHR - West Hearing Room

Arapahoe County is committed to making its public meetings accessible to persons with disabilities. Assisted listening devices are available. Ask any staff member and we will provide one for you.

If you need special accommodations, contact the Commissioners' Office at 303-795-4630 or 303-738-7915 TTY.

Please contact our office at least 3 days in advance to make arrangements.



Board Summary Report

Date: February 4, 2016
To: Board of County Commissioners
Through: Don Klemme, Community Resources Department Director
From: Brad Kamby, Judicial Services Division Manager

Subject: Renewal of Intergovernmental Agreement (IGA) with the City of Littleton to contract for Judicial Services to provide case management for people convicted in Littleton Municipal Court who are ordered to perform community service work.

Request and Recommendation

Judicial Services recommends that the Board or County Commissioners approve a resolution authorizing the renewal of the IGA between the County and the City of Littleton, allowing Judicial Services to continue to provide case management for people convicted in the Littleton Municipal Court and who are ordered to perform community service, provided they pay the scheduled fee. Because this relationship is with another governmental entity, an IGA is necessary. The IGA requires signature by the Chair of the Arapahoe County Board of County Commissioners.

Background

Judicial Services has been providing case management for persons who are ordered by the Littleton Municipal Court to perform community service since 2010. The current IGA was approved by the BoCC on March 3, 2015, for a period of one year; Resolution Number 150206.

Links to Align Arapahoe

Judicial Services' partnership with the Littleton Municipal Court enhances the quality of life in Arapahoe County by providing restorative justice opportunities to individuals convicted of misdemeanor and traffic offenses. In 2015, community services workers referred by Littleton completed 2,086 hours of useful public service.

Discussion

The partnership with the City of Littleton continues to be successful. Judicial Services has been able to accept referrals from Littleton without adding any additional staff. In 2015, Judicial Services completed 89 community service intakes referred by the City of Littleton and collected \$6,400 in fees that have been deposited in the County's General Fund.

Alternatives

If the renewal of the IGA is not authorized, the City of Littleton will need to seek other options in order to include community service as a sentencing option for its Municipal Court.

Fiscal Impact

Judicial Services has been able to provide services to the City of Littleton working within its existing budget. In 2015, Judicial Services staff spent approximately 125 hours working on City of Littleton cases at a cost of approximately \$3,085. Judicial Services collected \$6,400 in supervision fees from clients referred by Littleton. Accepting community service workers from Littleton provides an additional revenue source for Arapahoe County. If the IGA is renewed, it is estimated that in 2016, between \$6,500 and \$9,000 in supervision fees will be collected and deposited in the General Fund.

Concurrence

The City of Littleton would like to renew the IGA.

Attorney Comments

Reviewed By:

Brad Kamby, Judicial Services Division Manager
Don Klemme, Community Resources Department Director
Janet Kennedy, Finance Director
Tiffanie Bleau, Assistant County Attorney

BOARD OF COUNTY COMMISSIONER REFERRAL

Temporary Use Case Number: ZTU-2016-00002

Address: 171/181 Inverness Drive West

Case Manager: Tammy King

Commissioner Nancy Jackson

Commissioner Nancy Doty

Commissioner Nancy N. Sharpe

Commissioner Bill L. Holen

Commissioner Rod Bockenfeld



**Public Works and
Development/Zoning Division**

6924 S. Lima Street
Centennial, Colorado 80112
Phone: 720-874-6650 FAX 720-874-6611
www.arapahoegov.com

TEMPORARY USE PERMIT

ZTU-2016-00002

APPLICANT/REPRESENTATIVE: San Miguel Valley Corp. Bart Brundage	ADDRESS: 7800 East Dorado Pl., Ste. 250 Englewood CO 80111 PHONE: 303-779-8811 FAX: 303-779-8644 EMAIL: bart.brundage@cordilleracorp.com	SIGNATURE:  NAME: Barton Brundage TITLE: Vice President
OWNER(S) OF RECORD: San Miguel Valley Corp.	ADDRESS: 7800 East Dorado Pl., Ste. 250 Englewood CO 80111 PHONE: 303-779-8811 FAX: 303-779-8644 EMAIL: nicolechampine@cordilleracorp.com	SIGNATURE:  NAME: Nicole Champine TITLE: President

Parcel ID Number:	2075-34-4-21-002 and 2075-34-4-21-003
Address or Intersection:	171 or 181 Inverness Drive West, Englewood CO 80112
Brief Legal Description:	Lot 1 and Lot 2 of Replat of Tract A and Tract B, 171 Inverness Drive West at Inverness Business Park, Filing No. 2, County of Arapahoe, State of Colorado
Subdivision Name & Filing No.:	Inverness Business Park Filing No. 2

	EXISTING	PROPOSED TEMPORARY USE
Zoning:	I-1 PUD	I-1 PUD
Land Use:		
Total Acres:		
Related Cases:		

CASE TYPE		
<input checked="" type="checkbox"/> Attorney	<input checked="" type="checkbox"/> Engineering	<input checked="" type="checkbox"/> Sheriff
<input checked="" type="checkbox"/> Building	<input checked="" type="checkbox"/> Fire District	<input checked="" type="checkbox"/> Tri-County Health
<input type="checkbox"/> Board of County Commissioners	<input type="checkbox"/> Oil & Gas Specialist	<input type="checkbox"/> Other:
<input type="checkbox"/> CDOT	<input checked="" type="checkbox"/> Planning	<input type="checkbox"/> Other:
<input type="checkbox"/> East End Advisory		

THIS SECTION FOR OFFICE USE ONLY			
Case No:	ZTU-2016-00002	Zoning Case Manager:	Tammy KING
Fees paid:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N \$500-	Dates to be returned:	4 March 2016
Dates to be referred out:	18 February 2016	Approval signature:	

This development application shall be accompanied with the applicable fee and shall not be considered valid until the total application fee is received. Submittal of this application does not mean you will receive automatic approval, nor does it establish a vested property right in accordance with C.R.S. 24-68-105(1). Further processing and review of this application may require additional information, and/or meetings, as outlined in the Arapahoe County Development Code.

Submit via Email

SAN MIGUEL VALLEY CORPORATION

7800 E. Dorado Place
Suite 250
Englewood, Colorado 80111
(303) 220-8330
Fax: (303) 779-8644

January 29, 2016

Sarah L. White
Arapahoe County Public Works and Development
Engineering Services Division
6924 South Lima Street
Centennial, CO 80112

RE: 171 and 181 Inverness Drive West (D15-00064)
Construction Property Access for Lot 1 Parking Expansion

Dear Ms. White,

This letter is in reference to the property at 171 Inverness Drive West, Englewood CO 80112. The title holder for this property is San Miguel Valley Corporation. The physical location for this property has a purported address of 181 Inverness Drive West, Englewood CO 80112 at the Inverness Business Park. This property is subdivided into Tract A and Tract B and has recently undergone a replat into Lot 1 and Lot 2 as depicted on the Final Development Plan, as certified on September 2, 2015. San Miguel Valley Corporation is the sole title holder for both Lot 1 and Lot 2.

Lot 1 asphalt parking expansion is anticipated for construction in the spring/summer of 2016. San Miguel Valley Corporation states that for the purpose of construction on Lot 1, access and temporary parking on Lot 2 is granted. Access to Lot 2 will be through a temporary driveway off of Inverness Drive West, at the designated Property Access Point as indicated on the Final Development Plan.

Any concerns or questions Arapahoe County has please contact me at 303-779-8811 Ext. 315.

Sincerely,



Barton S. Brundage
Vice President
San Miguel Valley Corporation

GRADING, EROSION & SEDIMENT CONTROL (GESC) PLAN

LOT 1 AND LOT 2

171 INVERNESS DRIVE WEST AT INVERNESS BUSINESS PARK SUBDIVISION A PORTION OF THE SOUTHEAST 1/4 OF SECTION 34, TOWNSHIP 5 SOUTH, RANGE 67 WEST OF THE 6TH P.M. CITY OF ENGLEWOOD, COUNTY OF ARAPAHOE, STATE OF COLORADO

DESIGN TEAM CONTACTS

CIVIL ENGINEER:
KIMLEY-HORN AND ASSOCIATES, INC.
6601 SOUTH WELLS PARKWAY
DENVER, CO 80237
PHONE: 303.733.8300
CONTACT: MAZE SASARAK, PE

SUBDIVISION:
KIMLEY-HORN AND ASSOCIATES, INC.
6601 SOUTH WELLS PARKWAY
SUITE 165, CENTENNIAL, CO 80111
PHONE: 303.733.8300
CONTACT: JESUS A. LUIJO, PLS

LANDSCAPE ARCHITECT:
KIMLEY-HORN AND ASSOCIATES, INC.
4582 S. WALTON STREET - SUITE 1500
DENVER, CO 80237
PHONE: 303.733.8300
CONTACT: CHRIS HEE, PLA

OWNER/DEVELOPER:
INVERNESS BUSINESS PARK
7600 CORRAL FLACE, SUITE 200
GREENWOOD VILLAGE, CO 80111

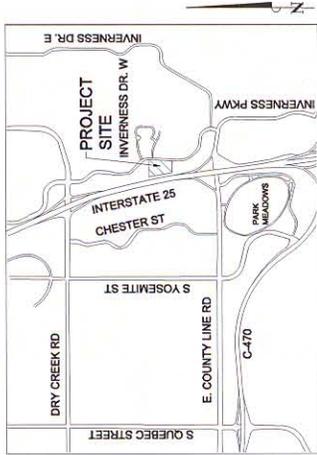
LEGAL DESCRIPTION

LOT 1 AND LOT 2, 171 INVERNESS DRIVE WEST AT INVERNESS BUSINESS PARK SUBDIVISION ALONG NO. 2

BENCHMARK AND DATUM

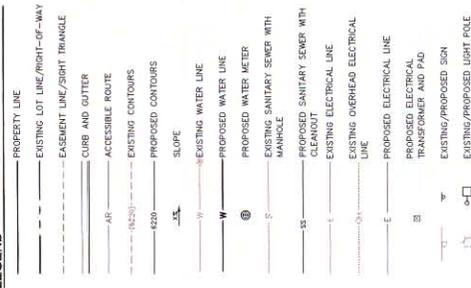
ELEVATIONS SHOWN HEREON ARE BASED ON ARAPAHOE COUNTY URBAN AREA VERTICAL CONTROL NETWORK - PHASE 2. THE BENCHMARK IS A BENCH MARK (BM) LOCATED IN THE SOUTHEAST QUADRANT OF SOUTH YOSEMITE STREET AND EAST PANORAMA DRIVE IN THE NORTH QUADRANT OF SOUTH YOSEMITE STREET. THE BENCHMARK IS LOCATED 25 FEET EAST OF THE FLOWLINE OF SOUTH YOSEMITE STREET.

ELEVATION = 5786.73 AS PUBLISHED BY ARAPAHOE COUNTY

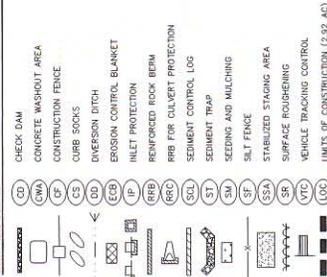


VICINITY MAP
SCALE: 1"=200'

LEGEND



BMP LEGEND



SHEET INDEX

NO.	SHEET TITLE
1	COVER SHEET
2	INITIAL PLAN PROJECT AREA
3	INITIAL PLAN ACCESS AND STAGING AREA
4	INTERIM AND FINAL PLAN PROJECT AREA
5	INTERIM AND FINAL PLAN ACC. STAGING
6	GESC PLAN STANDARD NOTES AND DETAILS
7	GESC PLAN STANDARD NOTES AND DETAILS
8	GESC PLAN STANDARD NOTES AND DETAILS
9	GESC PLAN STANDARD NOTES AND DETAILS

ABBREVIATIONS

APPROX	APPROXIMATE
AS	AS SHOWN
E	EAST OR ELECTRIC
ELEV	ELEVATION
EV/EXIST	EXISTING GRADE
FC	FLOW LINE
FL	FEET
LF	LEFT
MAX	MAXIMUM
MIN	MINIMUM
N	NORTH
NE	NORTHEAST
NW	NORTHWEST
R	RIPRAP
RD	ROAD
RD	ROAD
RT	RIGHT
S	SOUTH
S/W	SOUTH-WEST
SS	STABILIZED STAGING AREA
SF	SILT FENCE
ST	SEEDING AND MULCHING
SR	SURFACE ROUGHENING
SV	VEHICLE TRACKING CONTROL
VTC	VEHICLE TRACKING CONTROL
LOC	LIMITS OF CONSTRUCTION (3.92 AC)

THESE GESC PLANS HAVE BEEN REVIEWED BY THE ARAPAHOE COUNTY DEPARTMENT OF PUBLIC WORKS AND DEVELOPMENT FOR COMPLIANCE WITH THE ARAPAHOE COUNTY GESC REGULATIONS AND STANDARDS.



811 dig before you dig

LOT 1 AND LOT 2 171 INVERNESS DRIVE WEST AT INVERNESS PARK SUBDIVISION (GESC) PLAN
 COUNTY OF ARAPAHOE, STATE OF COLORADO
 COVER SHEET
 PROJECT NO. 0497
 SHEET 1
 REVISION: _____
 DATE: 02/01/16
 DRAWN BY: MCH
 CHECKED BY: MCH
 DATE: 02/01/16
 DESIGNED BY: MCH
 DATE: 02/01/16
 DENVER, COLORADO 80237 (303) 228-2300
 2015 KIMLEY-HORN AND ASSOCIATES, INC.
 6601 SOUTH WELLS PARKWAY
 CENTENNIAL, COLORADO 80111



I HEREBY ATTEST THAT THIS GRADING, EROSION, AND SEDIMENT CONTROL (GESC) DOCUMENT FOR LOT 1 AND LOT 2, 171 INVERNESS DRIVE WEST AT INVERNESS BUSINESS PARK SUBDIVISION, WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, IT COMPLIES WITH ALL APPLICABLE REGULATIONS AND CRITERIA. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE ACCURACY OF THE INFORMATION SET FORTH IN THE PLAN AND IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

THIS GRADING, EROSION AND SEDIMENT CONTROL (GESC) DOCUMENT HAS BEEN PLACED IN THE ARAPAHOE COUNTY GRADING, EROSION AND SEDIMENT CONTROL MANUAL. ADDITIONAL GRADING, EROSION AND SEDIMENT CONTROL (GESC) DOCUMENTS FOR THIS PROJECT ARE AVAILABLE AT THE ARAPAHOE COUNTY ENGINEERING DEPARTMENT. THE REQUIREMENTS OF THIS GESC DOCUMENT SHALL RUN WITH THE LAND AND BE THE PROPERTY OF THE OWNER. THIS DOCUMENT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE ARAPAHOE COUNTY ENGINEERING DEPARTMENT. THE PLAN IS PROPERLY COMPLETED, MODIFIED OR VOIDED.

I HEREBY CERTIFY THAT THE GRADING, EROSION, AND SEDIMENT CONTROL MEASURES FOR LOT 1 AND LOT 2, 171 INVERNESS DRIVE WEST AT INVERNESS BUSINESS PARK SUBDIVISION, WAS CONSTRUCTED ACCORDING TO THE DESIGN PRESENTED IN THIS DOCUMENT. I UNDERSTAND THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE ACCURACY OF THE INFORMATION SET FORTH IN THE PLAN AND IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

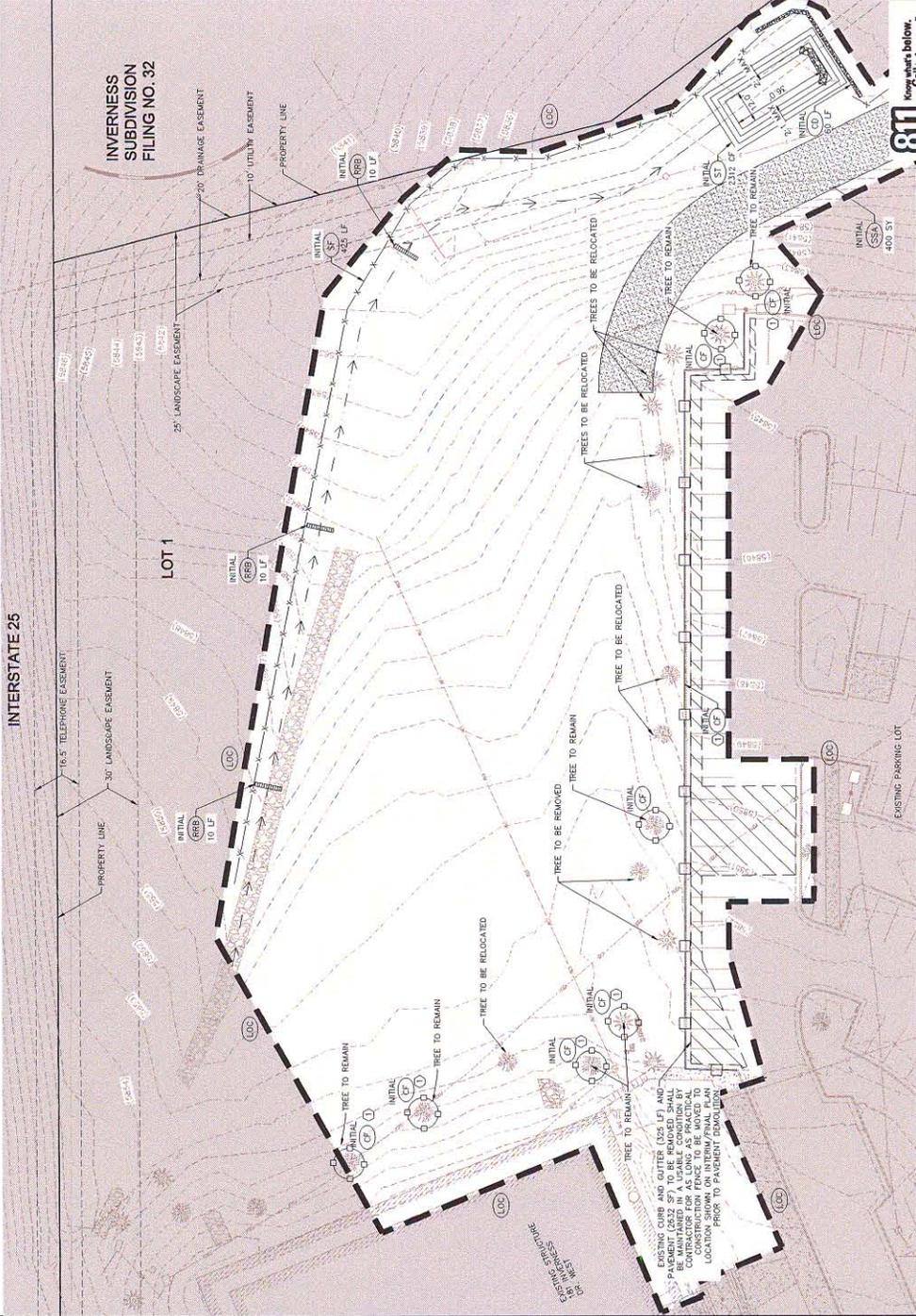
OWNER OR AUTHORIZED AGENT _____ DATE _____
 AUTHORIZED SIGNATURE _____ DATE _____

GRADING, EROSION & SEDIMENT CONTROL (GESC) PLAN

LOT 1 AND LOT 2

171 INVERNESS DRIVE WEST AT INVERNESS BUSINESS PARK SUBDIVISION
 A PORTION OF THE SOUTHEAST 1/4 OF SECTION 34, TOWNSHIP 5 SOUTH, RANGE 67 WEST OF THE 6TH P.M. CITY OF
 ENGLEWOOD, COUNTY OF ARAPAHOE, STATE OF COLORADO

INTERSTATE 25



811
 Know what's below.
 Call before you dig.

MATCHLINE - SEE GESC SHEET NO. 3

SEMSWA CASE NO. D15-00084 & DPR15-00085
 ARAPAHOE COUNTY CASE NO. E15-015

NO.	REVISION	BY	DATE	APPROVED
1	TEMPORARY ACCESS	MBH	2/19/15	MCS

Kimley»Horn
 2015 UNKLEY-HORN AND ASSOCIATES, INC.
 4522 UNKLEY BLVD., SUITE 200
 DENVER, COLORADO 80237 (303) 228-2300

DESIGNED BY: MCS
 DRAWN BY: WEB
 CHECKED BY: JAH
 DATE: 02/19/15

INVERNESS PARK SUBDIVISION (GESC) PLAN
COUNTY OF ARAPAHOE, STATE OF COLORADO
INITIAL PLAN PROJECT AREA

LOT 1 AND LOT 2 171 INVERNESS DRIVE WEST AT

PROJECT NO. 09640000
 SHEET 2

KEYMAP ILL.S.
 INTERSTATE 25
 W. INVERNESS DR.
 LOT 2
 LOT 1

BMP LEGEND

- CHEK DAM
- CONCRETE WASHOUT AREA
- CONSTRUCTION FENCE
- CURB SOCKS
- DIVERSION DITCH
- EROSION CONTROL BLANKET
- INLET PROTECTION
- REINFORCED ROCK BERM
- RRB FOR OULVERT PROTECTION
- SCUL
- SEDIMENT CONTROL LOG
- SEEDING AND MULCHING
- SET FENCE
- STABILIZED STAGING AREA
- SURFACE ROUGHENING
- VEHICLE TRACKING CONTROL
- LIMITS OF CONSTRUCTION (2.8 AC)

LEGEND

- PROPERTY LINE
- EXISTING EASEMENT
- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING PAVEMENT TO BE REMOVED

KEYNOTES

- CONSTRUCTION FENCE TO BE INSTALLED WHERE SHOWN AND AROUND EXISTING TREES TO REMAIN. 405 U

NOTES

- SEE COVER SHEET OF ARAPAHOE COUNTY RESOURCES FOR THE LATEST EDITION OF THE GESC PLAN FOR LEGEND OF BMP NAMES AND SYMBOLS.
- ANY BMPs SHOWN THAT REQUIRE GRADING, E.G. SEDIMENT BASINS, SEDIMENT TRAPS, CHECK DAMS, AND DIVERSION DITCHES, MUST BE INSTALLED PRIOR TO THE PRE-CONSTRUCTION MEETING. IN ADDITION, THE PRE-CONSTRUCTION MEETING MUST BE ATTENDED BY THE CONTRACTOR AND THE GESC ENGINEER. THE PRE-CONSTRUCTION MEETING MUST BE HELD WITHIN 14 DAYS OF THE ISSUANCE OF THE GESC PERMIT BUT MUST BE HELD PRIOR TO THE START OF CONSTRUCTION. THE INITIAL PLAN ILLUSTRATES EXISTING CONDITIONS. NO PROPOSED INFRASTRUCTURE IS SHOWN.
- CONTRACTOR TO REMOVE EXISTING CURB AND PAVEMENT CONTROL (VTC) PAD, VTC TO CONNECT TO NEW EDGE OF PAVEMENT.

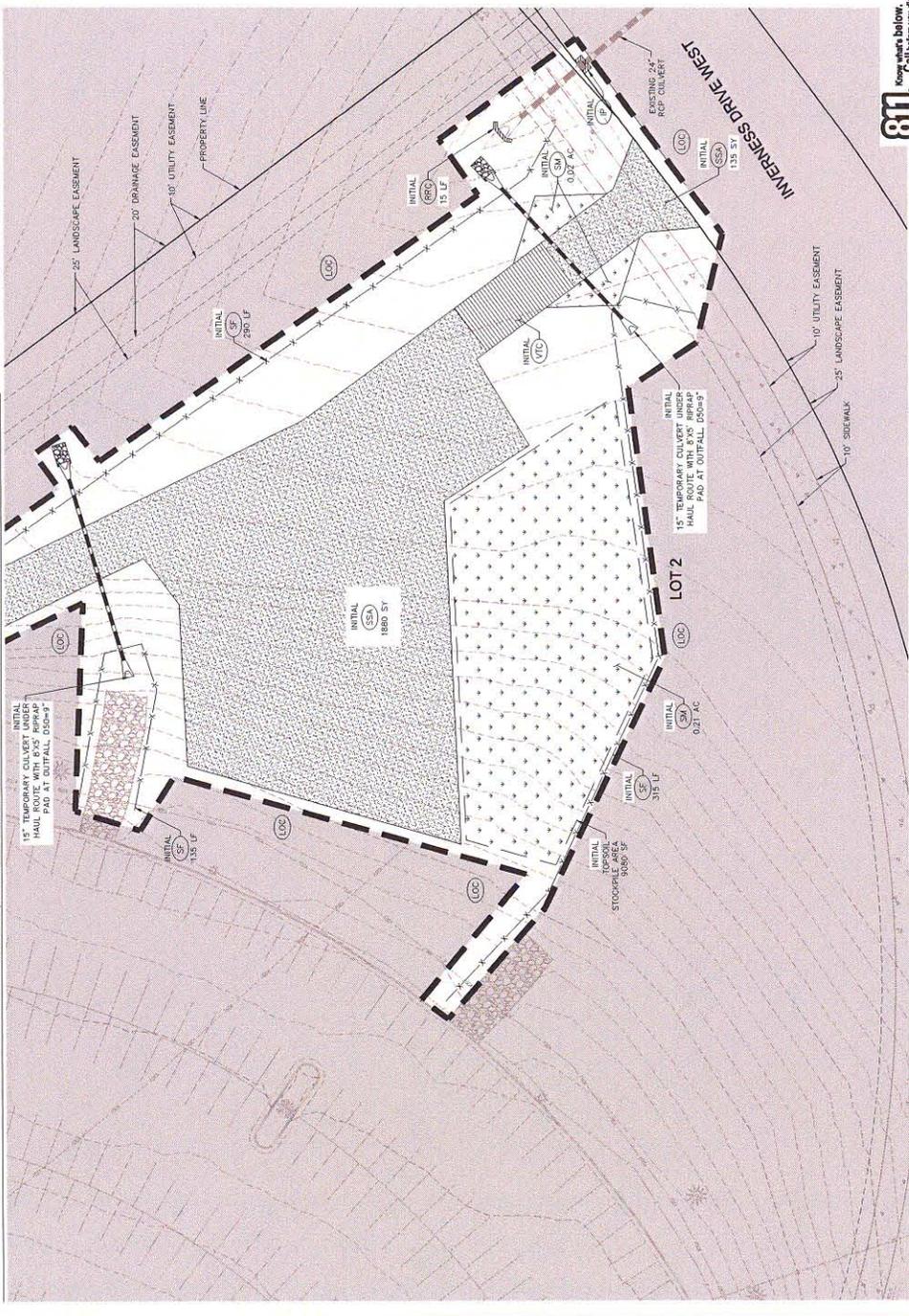
GRAPHIC SCALE IN FEET
 0 10 20 40

NORTH

GRADING, EROSION & SEDIMENT CONTROL (GESC) PLAN

LOT 1 AND LOT 2
171 INVERNESS DRIVE WEST AT INVERNESS BUSINESS PARK SUBDIVISION
 A PORTION OF THE SOUTHEAST 1/4 OF SECTION 34, TOWNSHIP 5 SOUTH, RANGE 67 WEST OF THE 6TH P.M. CITY OF ENGLEWOOD, COUNTY OF ARAPAHOE, STATE OF COLORADO

MATCHLINE, SEE GESC SHEET NO. 2



811
 Know what's below.
 Call before you dig.

SEMSWA CASE NO. D15-00064 & DPR15-00095
 ARAPAHOE COUNTY CASE NO. E15-015

LOT 1 AND LOT 2 171 INVERNESS DRIVE WEST AT INVERNESS PARK SUBDIVISION (GESC) PLAN
 COUNTY OF ARAPAHOE, STATE OF COLORADO

DESIGNED BY: MCB
 DRAWN BY: JMH
 CHECKED BY: JMH
 DATE: 02/07/16

2015 KIMLEY-HORN AND ASSOCIATES, INC.
 4582 S Ulster Street, Suite 1500
 Denver, Colorado 80227 (303) 728-2300

PROJECT NO. 09440000
 SHEET 3

REGISTRATION NO. 4499
 EXPIRES 12/31/17

BMP LEGEND

	CHECK DAM
	CONCRETE WASHOUT AREA
	CONSTRUCTION FENCE
	CURB BOOKS
	EROSION DITCH
	EROSION CONTROL BLANKET
	INLET PROTECTION
	REINFORCED ROCK BERM
	RRB FOR CULVERT PROTECTION
	SEDIMENT CONTROL LOG
	SEDIMENT TRAP
	SEEDING AND MULCHING
	SILT FENCE
	STABILIZED STAGING AREA
	SURFACE ROUGHENING
	VEHICLE TRACKING CONTROL
	LIMITS OF CONSTRUCTION (2.8 AC)

LEGEND

	PROPERTY LINE
	EXISTING EASEMENT
	PROPOSED CONTOURS
	EXISTING PAVEMENT TO BE REMOVED

KEYNOTES

- CONSTRUCTION FENCE TO BE INSTALLED WHERE SHOWN AND AROUND EXISTING TREES TO REMAIN. 48" LF

NOTES

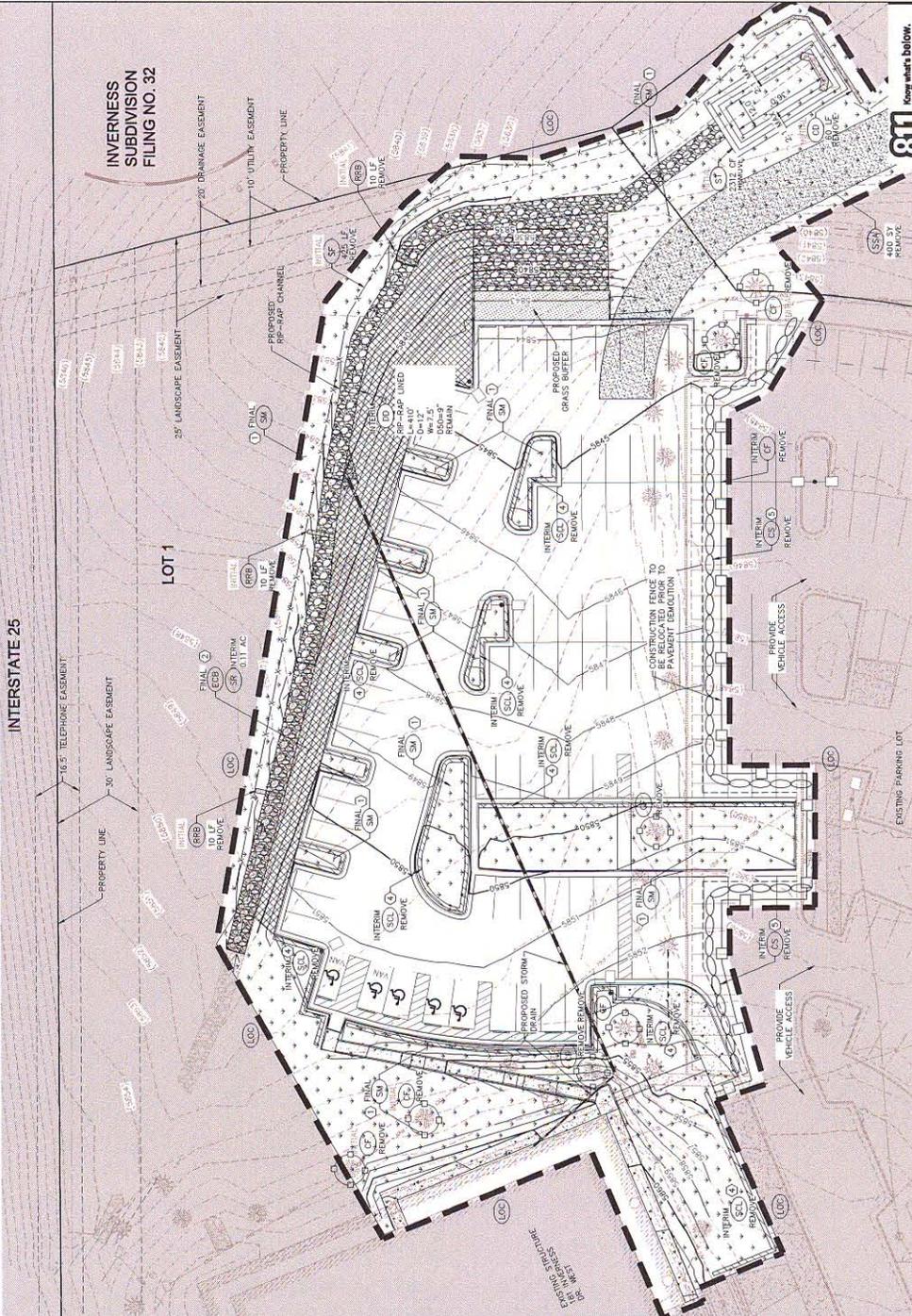
- SEE COVER SHEET OF ARAPAHOE COUNTY STANDARD BMP NAMES AND SYMBOLS.
- ANY BMPs SHOWN THAT REQUIRE GRADING, E.G. SEDIMENT BASIN, SEDIMENT TRAPS, CONCRETE WASHOUT BASIN, MUST BE INSTALLED AND VERIFIED AFTER THE PRE-CONSTRUCTION MEETING. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND INSTALLING THE BMPs PRIOR TO THE START OF CONSTRUCTION. MEETING AND ISSUANCE OF THE GESC PERMIT BUT MUST BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. GRADING. THE INITIAL PLAN ILLUSTRATES EXISTING CONDITIONS. NO PROPOSED INFRASTRUCTURE IS SHOWN.
- CONTRACTOR TO REMOVE EXISTING CURB AND PAVEMENT CONTROL (VTC) PAD, VTC TO CONNECT TO NEW EDGE OF PAVEMENT.

KEYMAP
 N.T.S.
 W. INVERNESS DR.
 INTERSTATE 25

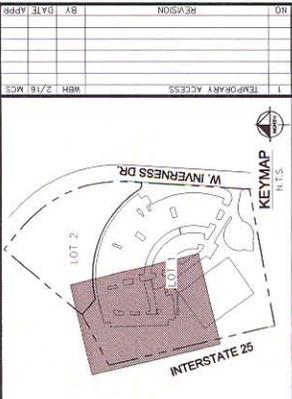
NO.	REVISION	BY	DATE
1	TEMPORARY ACCESS	RHM	2/18/16

EARTHWORK SUMMARY	
EXCAVATION/OUT	1,100 CY
FILL	1,100 CY
IMPORT/EXPORT	0 CY

GRADING, EROSION & SEDIMENT CONTROL (GESC) PLAN
LOT 1 AND LOT 2
171 INVERNESS DRIVE WEST AT INVERNESS BUSINESS PARK SUBDIVISION
 A PORTION OF THE SOUTHEAST 1/4 OF SECTION 34, TOWNSHIP 5 SOUTH, RANGE 67 WEST OF THE 6TH P.M. CITY OF
 ENGLEWOOD, COUNTY OF ARAPAHOE, STATE OF COLORADO



SEMSWA CASE NO. D15-00084 & DPR15-00095
 ARAPAHOE COUNTY CASE NO. E15-015



- BMP LEGEND**
- CD CHECK DAM
 - CF CONCRETE WASHOUT AREA
 - CS CONSTRUCTION FENCE
 - CS CURB SOCKS
 - CS DIVERSION DITCH
 - CS EROSION CONTROL BLANKET
 - CS ENHANCED ROCK BEAM
 - CS RIB FOR INLET PROTECTION
 - CS SEDIMENT CONTROL LOG
 - CS SEDIMENT TRAP
 - CS SEEDING AND MULCHING
 - CS SILT FENCE
 - CS STABILIZED STAGING AREA
 - CS SURFACE ROUGHENING
 - CS VEHICLE TRACKING CONTROL
 - CS LIMITS OF CONSTRUCTION (2.8 AC)
- LEGEND**
- PROPERTY LINE
 - EXISTING EASEMENT
 - EXISTING CONTOURS
 - PROPOSED CONTOURS

KEYNOTES

- AREA TO BE SEEDED AND MULCHED, TOTAL AREA: 173 AC
- STRAW EROSION CONTROL BLANKET TO BE APPLIED AT 100 LBS/1000 SQ YD
- PORTABLE UNIT CONCRETE WASHOUT AREA
- SEDIMENT CONTROL LOGS SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND MAINTAINED UNTIL THE FINAL VEGETATION IS ESTABLISHED. TOTAL LENGTH: 945 LF
- CURB SOCKS TO BE INSTALLED AROUND PERIMETER OF SITE
- CURB SOCKS TO BE INSTALLED AROUND PERIMETER OF SITE

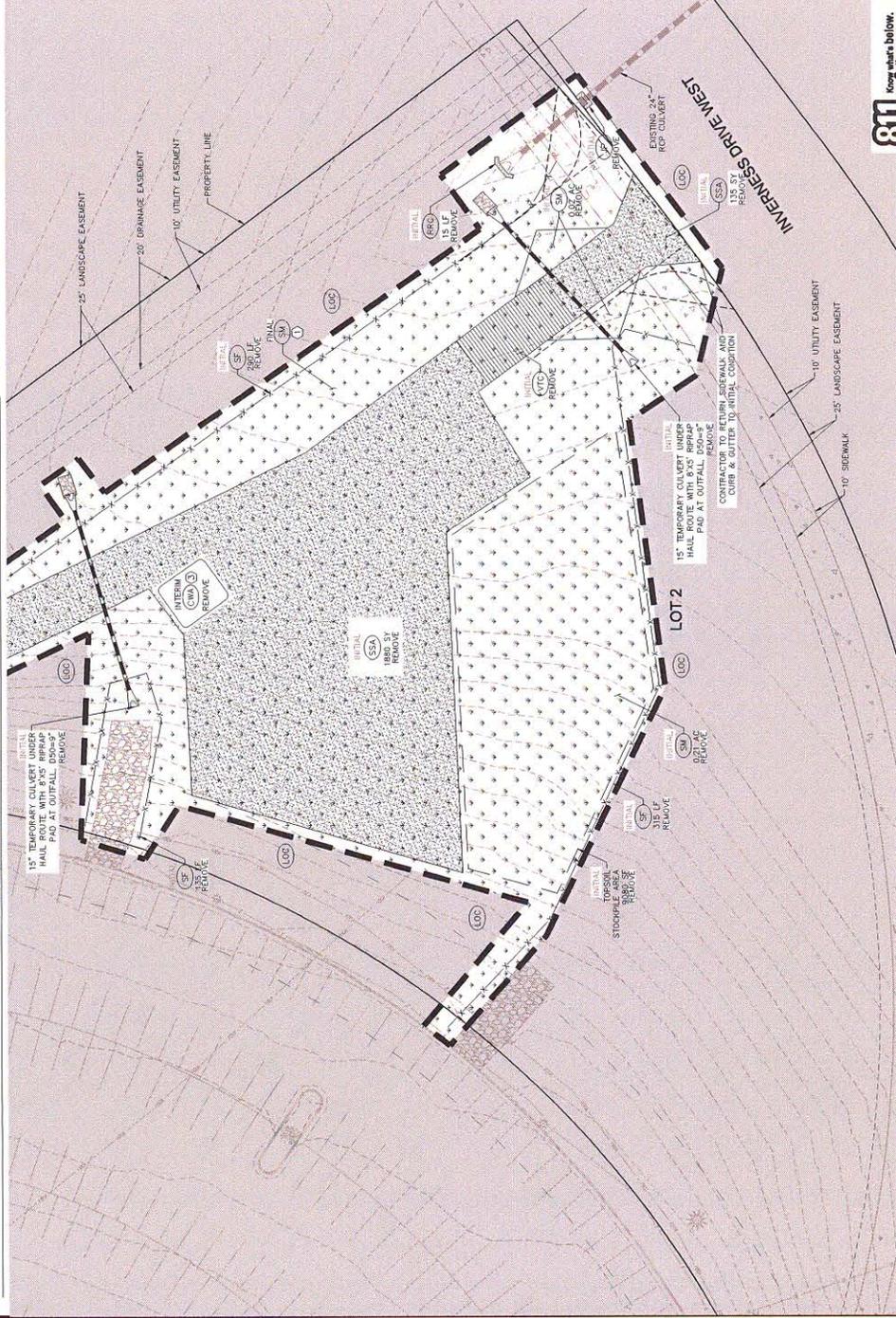
NOTES

- AND DETAILS (SHEET 1 OF 14) FOR LEGEND OF BMP NAMES AND SYMBOLS
- BE INSTALLED IN INITIAL OR INTERMEDIATE STAGE SHALL BE LEFT IN PLACE UNTIL REVEGETATION ESTABLISHMENT IS COMPLETE
- SEE CONSTRUCTION PLANS FOR DETAILS OF PERMANENT DRAINAGE FACILITIES SUCH AS DETENTION FACILITIES, WATER PROTECTION FACILITIES, CONCRETE, STORM PIPES, AND UNDERCUTTING AND SURFACING OPERATIONS SURRY AND CUTTINGS SHALL NOT DRAIN TO ANY NATURAL OR CONSTRUCTED CHANNELS
- SLOPES TO BE LEFT IN A SURFACE ROUGHENED (SR) PRIOR TO PLACEMENT OF FINAL PAVEMENT
- SWALE, THE ADJACENT SLOPE SHALL BE SEEDED AND EROSION CONTROL LOGS SHALL BE INSTALLED
- UPON COMPLETION OF GRADE FOR THE DRAINAGE SWALE, REINFORCED ROCK BERMS (RRB) SHALL BE INSTALLED AND MAINTAINED UNTIL THE PLACEMENT OF FINAL PAVEMENT

GRADING, EROSION & SEDIMENT CONTROL (GESC) PLAN

LOT 1 AND LOT 2
171 INVERNESS DRIVE WEST AT INVERNESS BUSINESS PARK SUBDIVISION
 A PORTION OF THE SOUTHEAST 1/4 OF SECTION 34, TOWNSHIP 5 SOUTH, RANGE 67 WEST OF THE 6TH P.M. CITY OF
 ENGLEWOOD, COUNTY OF ARAPAHOE, STATE OF COLORADO

MATCHLINE - SEE GESC SHEET NO. 4



811
 Know what's below.
 Call before you dig.

SEMSWA CASE NO. D15-00064 & DPR15-00095
 ARAPAHOE COUNTY CASE NO. E15-015

LOT 1 AND LOT 2 171 INVERNESS DRIVE WEST AT INVERNESS PARK SUBDIVISION (GESC) PLAN
 GRADING, EROSION & SEDIMENT CONTROL (GESC) PLAN
 COUNTY OF ARAPAHOE, STATE OF COLORADO

INTERIM AND FINAL PLAN ACC STAGING

SHEET 5

PROJECT NO. 09400000

DATE: 02/07/16

DRAWN BY: MSH

CHECKED BY: JMH

DESIGNED BY: MSH

2015 KIMLEY-HORN AND ASSOCIATES, INC.
 5655 S Ulster Street, Suite 1500
 Denver, Colorado 80227 (303) 228-2300

KEYNOTES

- AREA TO BE SEEDED AND MULCHED. TOTAL AREA: 1.73 AC
- STRAW EROSION CONTROL BLANKET TO BE APPLIED AT GRADED SLOPE 3:1. TOTAL AREA: 310 ST
- PORTABLE UNIT CONCRETE WASHOUT AREA
- SEDIMENT CONTROL LOGS SHALL BE INSTALLED IMMEDIATELY AFTER GRADING AND SHALL BE MAINTAINED IN GOOD WORKING ORDER UNTIL THE FINAL VEGETATION IS ESTABLISHED. TOTAL LENGTH: 1845 LF
- CURB SOCKS TO BE INSTALLED AROUND PERIMETER OF SITE WHERE PAVEMENT EXISTS. 345 LF

NOTES

- SEE COVER SHEET OF ARAPAHOE COUNTY STANDARD NOTES AND SYMBOLS SHEET 1 OF 14 FOR ALL SYMBOLS AND NOTES TO BE LEFT IN PLACE UNTIL VEGETATION ESTABLISHMENT TO BE APPROVED BY THE COUNTY, UNLESS OTHERWISE NOTED.
- CONTRACTOR TO VERIFY EXISTING UTILITIES, WATER DRAINAGE FACILITIES SUCH AS DETENTION FACILITIES, WATER PROTECTION, CURBS, COLLECTS, STORM DRAINS, AND OUTLET PROTECTION.
- SOIL CUT SLURRY AND CUTTINGS SHALL BE VACUUMED DURING CONSTRUCTION AND SHALL NOT BE DISPOSED IN ANY MANNER THAT SHALL NOT DRAIN TO ANY NATURAL OR CONSTRUCTED WATERWAY.
- TO FINAL STABILIZATION, FINAL RIP RAP INTO THE DRAINAGE SWALE. THE ADJACENT SLOPE SHALL BE SEEDED AND EROSION CONTROL BLANKETS (ECB) SHALL BE INSTALLED ON THE DRAINAGE SWALE.
- UNITS OF CONSTRUCTION SHALL BE MAINTAINED UNTIL THE REINFORCED ROCK BERMS (RRB) SHALL BE INSTALLED AND MAINTAINED UNTIL THE PLACEMENT OF FINAL RIP RAP.

LEGEND

	CHECK DAM
	CONCRETE WASHOUT AREA
	CONSTRUCTION FENCE
	CURB SOCKS
	DIVERSION DITCH
	EROSION CONTROL BLANKET
	INLET PROTECTION
	REINFORCED ROCK BERM
	PRR FOR CULVERT PROTECTION
	SEDIMENT CONTROL LOG
	SEDIMENT TRAP
	SEEDING AND MULCHING
	SILT FENCE
	STABILIZED STAGING AREA
	SURFACE ROUGHENING
	VEHICLE TRACKING CONTROL

PROPERTY LINE
 EXISTING EASEMENT
 PROPOSED CONTIGUOUS

BMP LEGEND

	CHECK DAM
	CONCRETE WASHOUT AREA
	CONSTRUCTION FENCE
	CURB SOCKS
	DIVERSION DITCH
	EROSION CONTROL BLANKET
	INLET PROTECTION
	REINFORCED ROCK BERM
	PRR FOR CULVERT PROTECTION
	SEDIMENT CONTROL LOG
	SEDIMENT TRAP
	SEEDING AND MULCHING
	SILT FENCE
	STABILIZED STAGING AREA
	SURFACE ROUGHENING
	VEHICLE TRACKING CONTROL

KEYMAP
 N.T.S.
 W. INVERNESS DR.
 INTERSTATE 25

GENERAL DESIGN AND CONSTRUCTION NOTES:

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND STANDARDS:
 - AASHTO ROAD DESIGN GUIDE
 - ASCE 7-05
 - ASCE 11-05
 - ASCE 18-05
 - ASCE 24-05
 - ASCE 31-05
 - ASCE 33-05
 - ASCE 38-05
 - ASCE 41-05
 - ASCE 48-05
 - ASCE 50-05
 - ASCE 58-05
 - ASCE 60-05
 - ASCE 74-05
 - ASCE 78-05
 - ASCE 80-05
 - ASCE 88-05
 - ASCE 93-05
 - ASCE 108-05
 - ASCE 110-05
 - ASCE 117-05
 - ASCE 119-05
 - ASCE 122-05
 - ASCE 123-05
 - ASCE 124-05
 - ASCE 125-05
 - ASCE 126-05
 - ASCE 127-05
 - ASCE 128-05
 - ASCE 129-05
 - ASCE 130-05
 - ASCE 131-05
 - ASCE 132-05
 - ASCE 133-05
 - ASCE 134-05
 - ASCE 135-05
 - ASCE 136-05
 - ASCE 137-05
 - ASCE 138-05
 - ASCE 139-05
 - ASCE 140-05
 - ASCE 141-05
 - ASCE 142-05
 - ASCE 143-05
 - ASCE 144-05
 - ASCE 145-05
 - ASCE 146-05
 - ASCE 147-05
 - ASCE 148-05
 - ASCE 149-05
 - ASCE 150-05
 - ASCE 151-05
 - ASCE 152-05
 - ASCE 153-05
 - ASCE 154-05
 - ASCE 155-05
 - ASCE 156-05
 - ASCE 157-05
 - ASCE 158-05
 - ASCE 159-05
 - ASCE 160-05
 - ASCE 161-05
 - ASCE 162-05
 - ASCE 163-05
 - ASCE 164-05
 - ASCE 165-05
 - ASCE 166-05
 - ASCE 167-05
 - ASCE 168-05
 - ASCE 169-05
 - ASCE 170-05
 - ASCE 171-05
 - ASCE 172-05
 - ASCE 173-05
 - ASCE 174-05
 - ASCE 175-05
 - ASCE 176-05
 - ASCE 177-05
 - ASCE 178-05
 - ASCE 179-05
 - ASCE 180-05
 - ASCE 181-05
 - ASCE 182-05
 - ASCE 183-05
 - ASCE 184-05
 - ASCE 185-05
 - ASCE 186-05
 - ASCE 187-05
 - ASCE 188-05
 - ASCE 189-05
 - ASCE 190-05
 - ASCE 191-05
 - ASCE 192-05
 - ASCE 193-05
 - ASCE 194-05
 - ASCE 195-05
 - ASCE 196-05
 - ASCE 197-05
 - ASCE 198-05
 - ASCE 199-05
 - ASCE 200-05
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE ENGINEER AND APPROVED BY THE CONTRACTOR.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND STANDARDS:
 - AASHTO ROAD DESIGN GUIDE
 - ASCE 7-05
 - ASCE 11-05
 - ASCE 18-05
 - ASCE 24-05
 - ASCE 31-05
 - ASCE 33-05
 - ASCE 38-05
 - ASCE 41-05
 - ASCE 48-05
 - ASCE 50-05
 - ASCE 58-05
 - ASCE 60-05
 - ASCE 74-05
 - ASCE 78-05
 - ASCE 80-05
 - ASCE 88-05
 - ASCE 93-05
 - ASCE 108-05
 - ASCE 110-05
 - ASCE 117-05
 - ASCE 119-05
 - ASCE 122-05
 - ASCE 123-05
 - ASCE 124-05
 - ASCE 125-05
 - ASCE 126-05
 - ASCE 127-05
 - ASCE 128-05
 - ASCE 129-05
 - ASCE 130-05
 - ASCE 131-05
 - ASCE 132-05
 - ASCE 133-05
 - ASCE 134-05
 - ASCE 135-05
 - ASCE 136-05
 - ASCE 137-05
 - ASCE 138-05
 - ASCE 139-05
 - ASCE 140-05
 - ASCE 141-05
 - ASCE 142-05
 - ASCE 143-05
 - ASCE 144-05
 - ASCE 145-05
 - ASCE 146-05
 - ASCE 147-05
 - ASCE 148-05
 - ASCE 149-05
 - ASCE 150-05
 - ASCE 151-05
 - ASCE 152-05
 - ASCE 153-05
 - ASCE 154-05
 - ASCE 155-05
 - ASCE 156-05
 - ASCE 157-05
 - ASCE 158-05
 - ASCE 159-05
 - ASCE 160-05
 - ASCE 161-05
 - ASCE 162-05
 - ASCE 163-05
 - ASCE 164-05
 - ASCE 165-05
 - ASCE 166-05
 - ASCE 167-05
 - ASCE 168-05
 - ASCE 169-05
 - ASCE 170-05
 - ASCE 171-05
 - ASCE 172-05
 - ASCE 173-05
 - ASCE 174-05
 - ASCE 175-05
 - ASCE 176-05
 - ASCE 177-05
 - ASCE 178-05
 - ASCE 179-05
 - ASCE 180-05
 - ASCE 181-05
 - ASCE 182-05
 - ASCE 183-05
 - ASCE 184-05
 - ASCE 185-05
 - ASCE 186-05
 - ASCE 187-05
 - ASCE 188-05
 - ASCE 189-05
 - ASCE 190-05
 - ASCE 191-05
 - ASCE 192-05
 - ASCE 193-05
 - ASCE 194-05
 - ASCE 195-05
 - ASCE 196-05
 - ASCE 197-05
 - ASCE 198-05
 - ASCE 199-05
 - ASCE 200-05
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND STANDARDS:
 - AASHTO ROAD DESIGN GUIDE
 - ASCE 7-05
 - ASCE 11-05
 - ASCE 18-05
 - ASCE 24-05
 - ASCE 31-05
 - ASCE 33-05
 - ASCE 38-05
 - ASCE 41-05
 - ASCE 48-05
 - ASCE 50-05
 - ASCE 58-05
 - ASCE 60-05
 - ASCE 74-05
 - ASCE 78-05
 - ASCE 80-05
 - ASCE 88-05
 - ASCE 93-05
 - ASCE 108-05
 - ASCE 110-05
 - ASCE 117-05
 - ASCE 119-05
 - ASCE 122-05
 - ASCE 123-05
 - ASCE 124-05
 - ASCE 125-05
 - ASCE 126-05
 - ASCE 127-05
 - ASCE 128-05
 - ASCE 129-05
 - ASCE 130-05
 - ASCE 131-05
 - ASCE 132-05
 - ASCE 133-05
 - ASCE 134-05
 - ASCE 135-05
 - ASCE 136-05
 - ASCE 137-05
 - ASCE 138-05
 - ASCE 139-05
 - ASCE 140-05
 - ASCE 141-05
 - ASCE 142-05
 - ASCE 143-05
 - ASCE 144-05
 - ASCE 145-05
 - ASCE 146-05
 - ASCE 147-05
 - ASCE 148-05
 - ASCE 149-05
 - ASCE 150-05
 - ASCE 151-05
 - ASCE 152-05
 - ASCE 153-05
 - ASCE 154-05
 - ASCE 155-05
 - ASCE 156-05
 - ASCE 157-05
 - ASCE 158-05
 - ASCE 159-05
 - ASCE 160-05
 - ASCE 161-05
 - ASCE 162-05
 - ASCE 163-05
 - ASCE 164-05
 - ASCE 165-05
 - ASCE 166-05
 - ASCE 167-05
 - ASCE 168-05
 - ASCE 169-05
 - ASCE 170-05
 - ASCE 171-05
 - ASCE 172-05
 - ASCE 173-05
 - ASCE 174-05
 - ASCE 175-05
 - ASCE 176-05
 - ASCE 177-05
 - ASCE 178-05
 - ASCE 179-05
 - ASCE 180-05
 - ASCE 181-05
 - ASCE 182-05
 - ASCE 183-05
 - ASCE 184-05
 - ASCE 185-05
 - ASCE 186-05
 - ASCE 187-05
 - ASCE 188-05
 - ASCE 189-05
 - ASCE 190-05
 - ASCE 191-05
 - ASCE 192-05
 - ASCE 193-05
 - ASCE 194-05
 - ASCE 195-05
 - ASCE 196-05
 - ASCE 197-05
 - ASCE 198-05
 - ASCE 199-05
 - ASCE 200-05

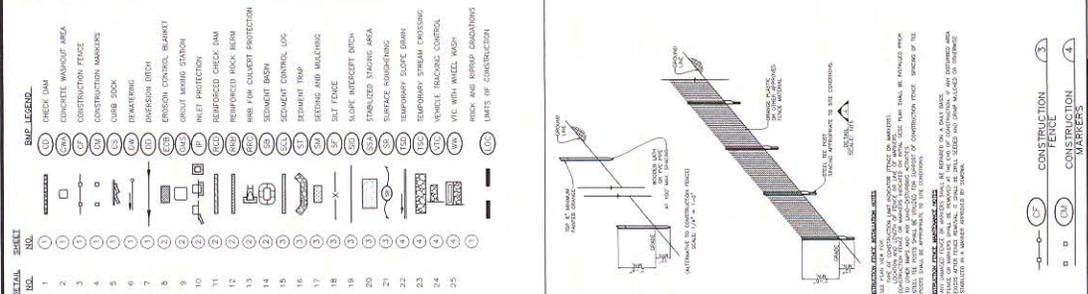
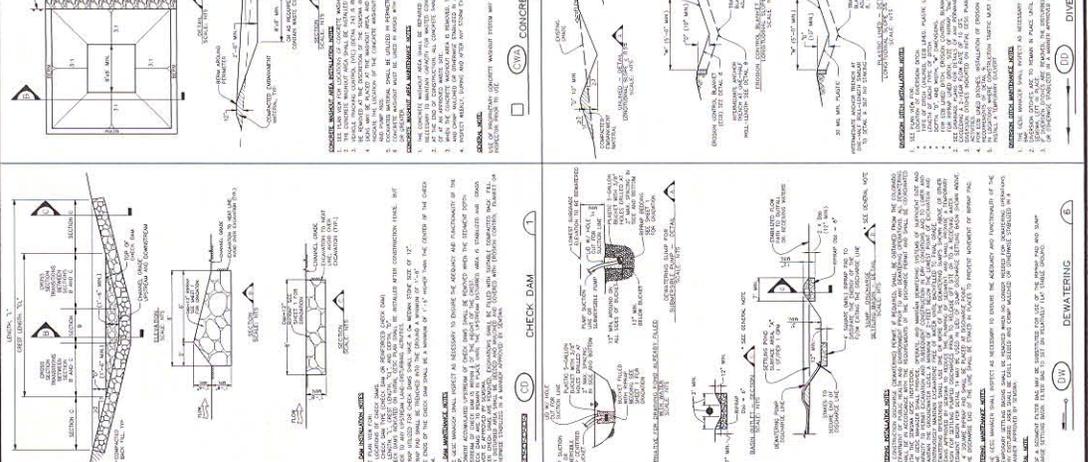


TABLE 1: RIPRAP GRADATIONS

GRADE	NO. 57	NO. 42.5	NO. 30	NO. 20	NO. 14	NO. 10	NO. 7.5	NO. 5.0	NO. 3.0
1	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100

TABLE 2: RIPRAP REINFORCING

GRADE	NO. 57	NO. 42.5	NO. 30	NO. 20	NO. 14	NO. 10	NO. 7.5	NO. 5.0	NO. 3.0
1	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100



SOUTHEAST METRO STORMWATER AUTHORITY
78 INVERNESS DRIVE EAST
CENTENNIAL COLORADO
80112-5106
(303) 858-8844 - INSPECTION DIVISION
(303) 287-9552

811
Call before you dig
Our 811 service is free. We'll be glad to help you by marking underground utilities.

**UTILITY NOTIFICATION CENTER
CALL BEFORE YOU DIG**

**SOUTHEAST METRO STORMWATER AUTHORITY
STANDARD NOTES AND DETAILS
REVISED APRIL, 2015**

**GESC SHEET
1 OF 4**



