

ALL OF LOTS 3 AND 4, MERIDIAN CROSSING FILING NO. 1, SITUATED IN THE NORTHEAST

MERIDIAN, TOWN OF FALCON, COUNTY OF EL PASO, STATE OF COLORADO.

QUARTER OF SECTION 12, TOWNSHIP 13 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL

EAST-NORTHEAST FROM JUDGE ORR ROAD, 15.7 M (51.5 FT) FROM A DIRT ROAD TO A PRIVATE

RESIDENCE, 0.8 M (2.6 FT) SOUTHWEST FROM A PLASTIC WITNESS POST, 0.7 M (2.3 FT) NORTH

FROM A METAL WITNESS POST AND 0.6 M (2.0 FT) EAST FROM A FENCE CORNER.

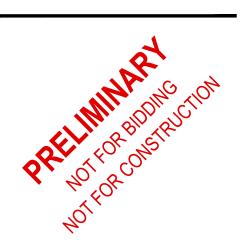
NAVD88 ELEVATION = 6902.3'

nat will be sufficient

SCALE: 1"=20'

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Date Issue / Description

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0	3/27/18	CLIENT SET	JDP
1	4/6/18	SDP SET	JDP
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Project No:	LST00067
Drawn By:	JRP
Checked By:	JDP
Date:	4/6/2018

GRADING PLAN

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

CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL

LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POTHOLING OR

CONSTRUCTION.

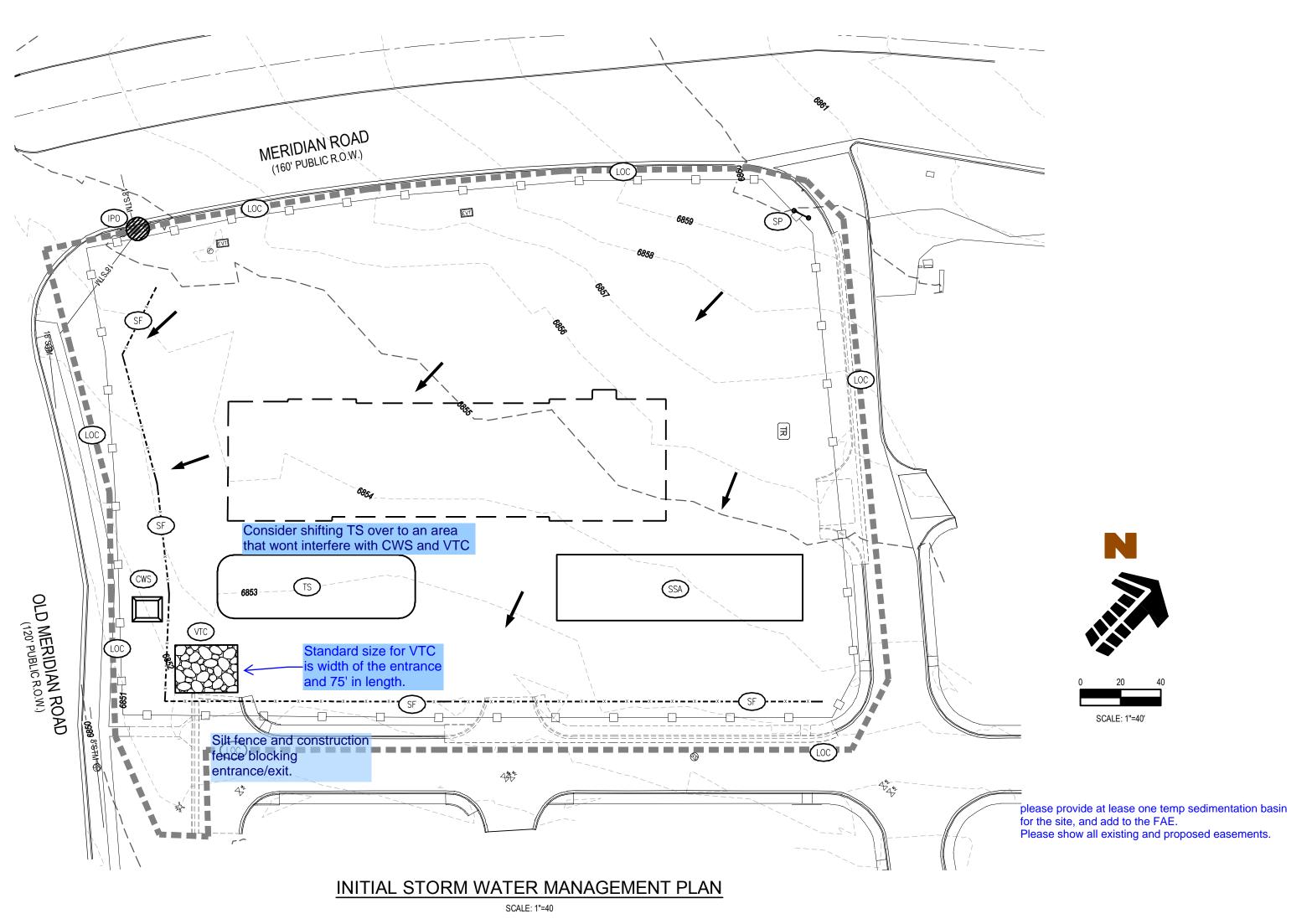
ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO

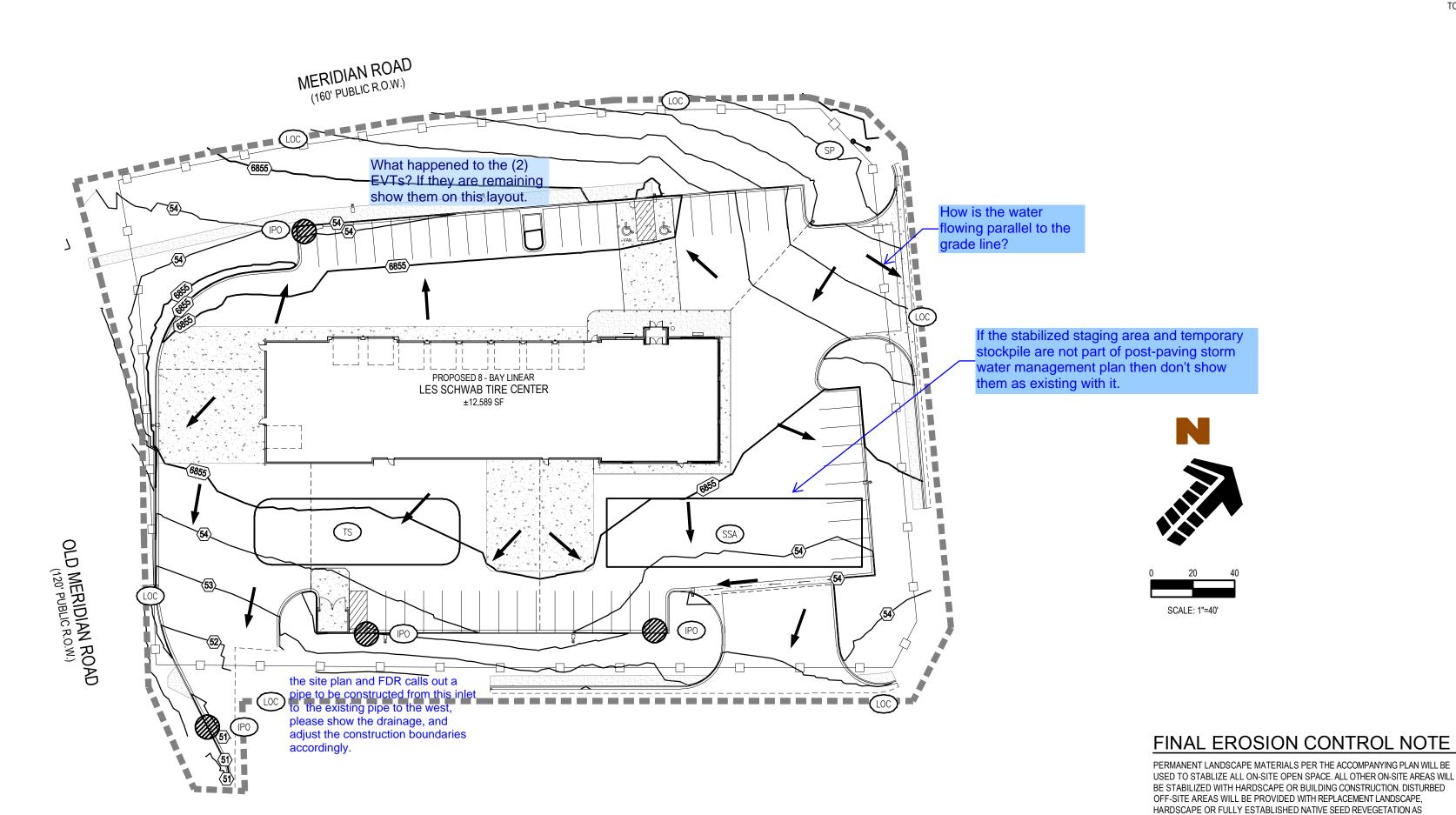
AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION

FURTHER STAKING OR CONSTRUCTION WORK.

DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE

REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY





POST-PAVING STORM WATER MANAGEMENT PLAN

SCALE: 1"=40

Please review ac to be disturbed. Please also call this out as area disturbed or provide a

FLOW ARROW

LIMITS OF CONSTRUCTI

CF CONSTRUCTION FENCE

CWS SMALL SITE CONCRETE WASHOUT AREA

TEMPORARY STOCKPILE

VEHICLE TRACKING CONTROL/CONSTRUCTION ENTRANCE

ECB EROSION CONTROL BLANKET

INLET PROTECTION

SP SWMP SITE POSTING

SP SWMP SITE POSTING

SSA STABILIZED STAGING AREA

DD DIVERSION DITCH/BERM

SDP SILT DIKE ON PAVEMENT

LS LANDSCAPE AREA

RES PORTABLE RESTROOM

GRADING LEGEND

EXISTING MINOR CONTOUR
EXISTING MAJOR CONTOUR
PROPOSED MINOR CONTOUR
PROPOSED MAJOR CONTOUR
PROPOSED SPOT ELEVATION
FINISHED FLOOR
TOP OF SIDEWALK
TOP OF CURB
TOP OF PAVEMENT
FLOWLINE
HIGH POINT
LOW POINT
MATCH EXISTING
GRADE BREAK
TOP OF CONCRETE
EDGE OF CONCRETE
FINISH GRADE
TOP OF GRATE
BACK OF WALK
FINISH SURFACE
TOE OF SLOPE

INDICATED ON THE INTERIM & FINAL EROSION CONTROL PLAN, THIS SHEET.

STORMWATER MANAGEMENT PLANS GENERAL NOTES

- THE CONTRACTOR AND/OR AUTHORIZED AGENTS SHALL REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER
 POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO OR, ACCUMULATE IN, THE FLOW LINES AND PUBLIC RIGHTS
 OF WAYS OF THE CITY AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR
 CONSTRUCTION PROJECT. SAID REMOVAL SHALL BE CONDUCTED IN A TIMELY MANNER.
- 2. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT FUNCTION AS INTENDED. THE REQUIREMENTS OF THIS PLAN SHALL BE THE OBLIGATION OF THE PERMIT HOLDER UNTIL SUCH TIME AS THE PLAN IS PROPERLY COMPLETED
- AND THE PERMIT IS RELEASED.

 3. THE CONTRACTOR SHALL PREVENT SEDIMENT, DEBRIS AND ALL OTHER POLLUTANTS FROM ENTERING THE STORM SEWER SYSTEM DURING ALL DEMOLITION, EXCAVATION, TRENCHING, BORING, GRADING OR OTHER CONSTRUCTION OPERATIONS THAT ARE PART OF THIS PROJECT. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REMEDIATION OF ANY ADVERSE

IMPACTS TO ADJACENT WATERWAYS, WETLANDS, ETC., RESULTING FROM WORK DONE AS PART OF THIS PROJECT.

- 4. THE CONTRACTOR SHALL LOCATE, INSTALL, AND MAINTAIN ALL EROSION CONTROL AND WATER QUALITY "BEST MANAGEMENT PRACTICES" AS INDICATED IN THE APPROVED STORMWATER MANAGEMENT PLAN.
- 5. THE DEVELOPER, GENERAL CONTRACTOR, GRADING CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL INSURE THAT ALL LOADS OF CUT AND FILL MATERIAL IMPORTED TO OR EXPORTED FROM THIS SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF THE MATERIAL DURING TRANSPORT ON PUBLIC RIGHTS OF WAY.
- 6. SOILS THAT WILL BE STOCKPILED FOR MORE THAN 30 DAYS SHALL BE PROTECTED FROM WIND AND WATER EROSION WITHIN 14 DAYS OF STOCKPILE CONSTRUCTION. IF STOCKPILES ARE LOCATED WITHIN 100 FEET OF A DRAINAGEWAY, ADDITIONAL SEDIMENT CONTROLS SUCH AS TEMPORARY DIKES OR SILT FENCE SHALL BE REQUIRED.
- 7. APPROVED EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL BE MAINTAINED AND KEPT IN GOOD REPAIR OF THE DURATION OF THIS PROJECT. ACCUMULATED SEDIMENT AND DEBRIS SHALL BE REMOVED FROM A BMP WHEN THE SEDIMENT OR DEBRIS ADVERSELY IMPACTS THE FUNCTIONING OF THE BMP.
- 8. THE CONTRACTOR SHALL PROTECT STORM DRAIN INLETS DIRECTLY DOWNSTREAM OF CONSTRUCTION AREA NOT NECESSARILY SHOWN ON THIS PLAN.

DUST CONTROL GENERAL NOTES

THE CITY ENGINEER MAY REQUIRE THE SUBMITTAL OF A DUST PREVENTION AND CONTROL PLAN FOR GRADING AND CONSTRUCTION AS DEEMED NECESSARY. AT THE VERY MINIMUM THE FOLLOWING CONDITIONS CONCERNING THE CONTROL OF GRADING AND CONSTRUCTION DUST SHALL BE ADHERED TO, AS WELL AS FOLLOWING SCAQMD REQUIREMENTS WITH REGARDS TO FUGITIVE DUST.

• FUGITIVE DUST EMISSIONS WILL BE CONTROLLED TWENTY-FOUR (24) HOURS A DAY, SEVEN (7) DAYS A WEEK, WHETHER OR NOT THERE IS CURRENT ACTIVITY ON THE SITE.

- THERE SHALL BE A 24-HOUR CONTACT NAME AND PHONE NUMBER FOR THE PERSON RESPONSIBLE FOR ENSURING THE CONTROL OF FUGITIVE DUST, WHETHER OR NOT THERE IS CURRENT ACTIVITY AT THE SITE.
- DUST CONTROL MEASURES SHALL INCLUDE, BUT ARE NOT LIMITED TO THE APPLICATION OF WATER OR DUST PALLIATIVES, THE INSTALLATION OF WIND FENCING, AND THE TREATMENT OF STAGING AREAS.
- WHEN AN ENTIRE PROJECT IS GRADED AND THE SUBSEQUENT CONSTRUCTION ON THE SITE IS TO BE COMPLETED IN PHASES,
 THE PORTION OF THE SITE NOT UNDER CONSTRUCTION SHALL BE TREATED WITH CHEMICAL STABILIZERS, OR PLANT
 MATERIALS AND AN IRRIGATION SYSTEM.

IF THE IMPORTING OR EXPORTING OF SOIL IS NECESSARY, DUST CONTROL SHALL INCLUDE PROCEDURES FOR THE CONTROL OF DUST RESULTING FROM THE LOADING, TRANSPORTATION AND UNLOADING OF SOIL FROM, TO OR WITHIN THE PROJECT AREA AND ON PUBLIC ROADWAYS.

BENCHMARK

THE NATIONAL GEODETIC SURVEY (NGS) MONUMENT DESIGNATION 'E 24', PID JK0239, WHICH HAS AN ELEVATION OF 6902.3 (NAVD 88 DATUM). THE STATION IS LOCATED ABOUT 7 MI (11.3 KM) SOUTHWEST OF PEYTON, 2 MI (3.2 KM) NORTHEAST OF FALCON AND ON U.S. HIGHWAY 24, IN THE SOUTHEAST 1/4 OF SECTION 32, T 12 S, R 64 W, AND AT U.S. HIGHWAY 24 MILEPOST 322.45. OWNERSHIP--EL PASO COUNTY PARK PROPERTY TO REACH THE STATION, GO TO THE INTERSECTION OF U.S. HIGHWAY 24 AND JUDGE ORR ROAD AND THE STATION IN THE NORTHEAST CORNER OF THE INTERSECTION THE STATION IS A STANDARD DISK SET IN A 25 CM SQUARE CONCRETE POST, PROJECTING 30 CM ABOVE THE GROUND. IT IS 26.8 M (87.9 FT) EAST-NORTHEAST FROM JUDGE ORR ROAD, 15.7 M (51.5 FT) FROM A DIRT ROAD TO A PRIVATE RESIDENCE, 0.8 M (2.6 FT) SOUTHWEST FROM A PLASTIC WITNESS POST, 0.7 M (2.3 FT) NORTH FROM A METAL WITNESS POST AND 0.6 M (2.0 FT) EAST FROM A FENCE CORNER.

NAVD88 ELEVATION = 6902.3'

LEGAL DESCRIPTION

ALL OF LOTS 3 AND 4, MERIDIAN CROSSING FILING NO. 1, SITUATED IN THE NORTHEAST QUARTER OF SECTION 12, TOWNSHIP 13 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, TOWN OF FALCON, COUNTY OF EL PASO, STATE OF COLORADO.

BASIS OF BEARING

BEARINGS ARE BASED ON THE NORTHWESTERLY LINE OF MERIDIAN CROSSING FILING NO. 1, LOTS 1 & 2 AND IS ASSUMED TO BEAR N51°13'14"E.

please show the property lines and call out all adjacent lots by owner name pr platted subdivision name. permission to grade on others property will be required unless it is owned by the same persons or company. A note to such should be added to this plan.



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CHWAB TIRE CO. JING DOCUMENTS JIAN CROSSING FILING NUMBER

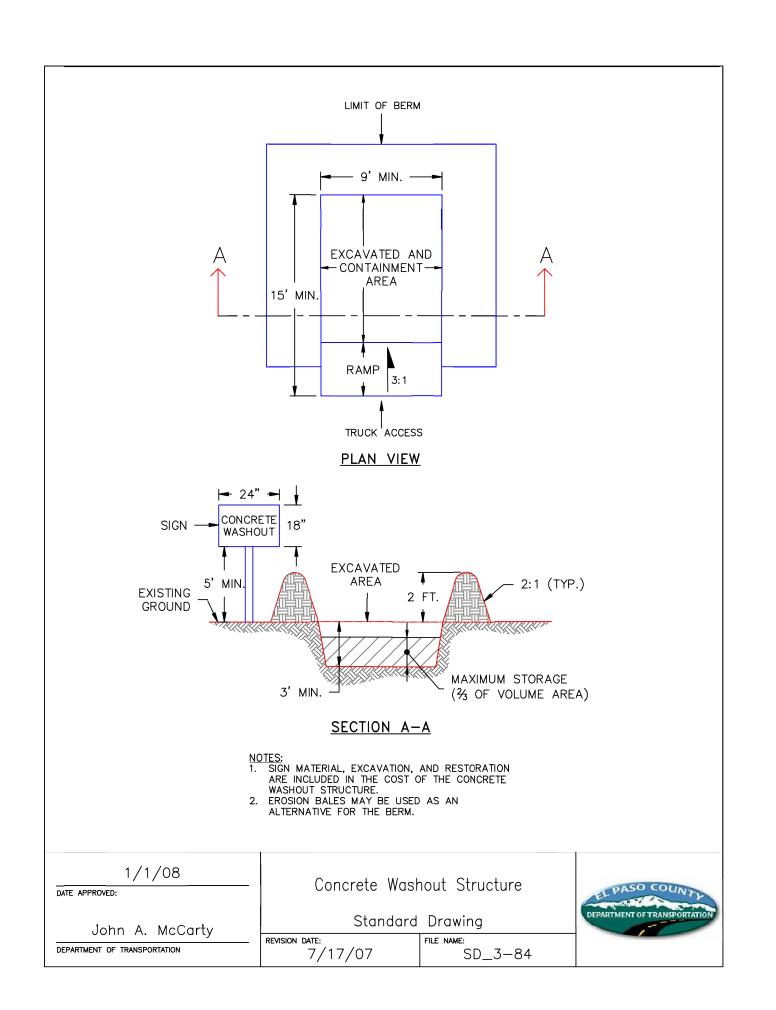
ject No: LST00067

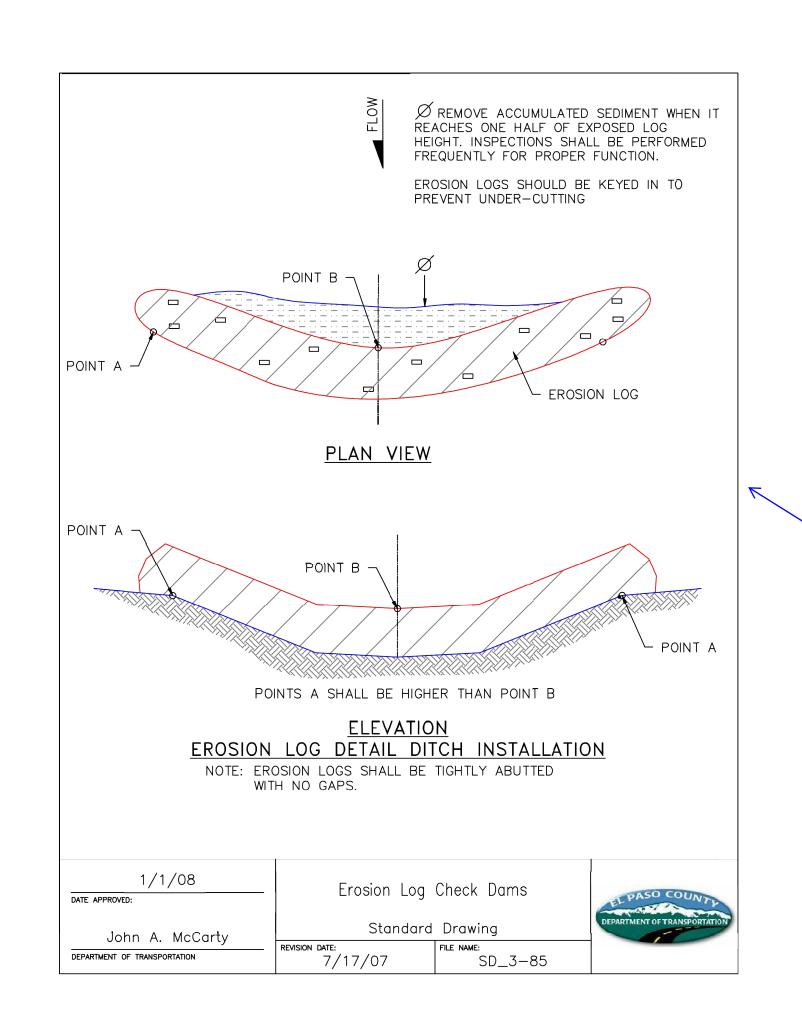
JDP 4/6/2018

EROSION CONTROL PLAN

Checked By

C3.0





Please provide standard details for all construction BMPs.

Add erosion logs to legend on sheet 2, if being used. Also add that erosion logs should be buried in the —soil one third to one quarter the diameter of the log and stakes should be 90 degrees from each other to key in the log.

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LOT 3 AND 4
7105 N MFRIDIAN ROAD

 Project No:
 LST00067

 Drawn By:
 JRP

 Checked By:
 JDP

 Date:
 4/6/2018

EROSION CONTROL DETAILS

C3 5

Markup Summary

dsdnijkamp (6)



Subject: Text Box Page Label: 1 Lock: Locked Status:

Checkmark: Unchecked Author: dsdnijkamp Date: 5/4/2018 3:22:06 PM

Color:

It appears as if there are sheets missing, please provide all sheets. items missing are loc/vic map, standard EPC notes, signature blocks just for starters.



Subject: Text Box Page Label: 2 Lock: Locked

Status:

Checkmark: Unchecked Author: dsdnijkamp Date: 5/4/2018 3:22:09 PM

Color:

the site plan and FDR calls out a pipe to be constructed from this inlet to the existing pipe to the west, please show the drainage, and adjust the construction boundaries accordingly.



Subject: Text Box Page Label: 2 Lock: Locked

Status:

Checkmark: Unchecked Author: dsdnijkamp Date: 5/4/2018 3:22:08 PM

Color:

please provide at lease one temp sedimentation basin for the site, and add to the FAE.

Please show all existing and proposed easements.



Subject: Highlight Page Label: 2 Lock: Locked Status:

Checkmark: Unchecked Author: dsdnijkamp Date: 5/4/2018 3:22:17 PM

Color:

o



Subject: Text Box Page Label: 2 Lock: Locked Status:

Checkmark: Unchecked Author: dsdnijkamp Date: 5/4/2018 3:22:14 PM

Color:

please show the property lines and call out all adjacent lots by owner name pr platted subdivision name. permission to grade on others property will be required unless it is owned by the same persons or company. A note to such should be

added to this plan.

please review ac to b disturbed. Please also call this out as area disturbed or provide a second line. Subject: Text Box Page Label: 2 Lock: Locked Status:

Checkmark: Unchecked Author: dsdnijkamp Date: 5/4/2018 3:22:17 PM

Color:

please review ac to be disturbed. Please also call this out as area disturbed or provide a second line.

dsdgrimm (16)



Subject: Engineer Page Label: 1 Lock: Locked Status:

Checkmark: Unchecked Author: dsdgrimm Date: 5/4/2018 3:22:25 PM

Color: ■

Please provide scope of work to be completed on pond. Denuded and eroded areas must be fixed and stabilized. All trash must be cleaned up.



Subject: File Attachment

Page Label: 1 Lock: Locked Status:

Checkmark: Unchecked Author: dsdgrimm Date: 5/4/2018 3:22:23 PM

Color:



Subject: Engineer Page Label: 1 Lock: Locked

Status: Checkmark: Unchecked

Author: dsdgrimm **Date:** 5/4/2018 3:22:25 PM

Color:

Since this is standalone grading and erosion control plan, please provide a cover sheet with the vicinity map, signature block and standard notes. Please see files below.

Passe cal cut the line junder and subdision name, of jacon over of a sigher time.

Page Label: 1
Lock: Locked
Status:

Checkmark: Unchecked Author: dsdgrimm

Subject: Engineer

Date: 5/4/2018 3:22:53 PM

Color:

Please call out the filing number and subdivision name, or parcel owner of all adjacent lots.



Subject: File Attachment

Page Label: 1 Lock: Locked Status:

Checkmark: Unchecked Author: dsdgrimm Date: 5/4/2018 3:22:24 PM

Color:



Subject: Engineer Page Label: 1 Lock: Locked Status:

Checkmark: Unchecked **Author:** dsdgrimm

Date: 5/4/2018 3:22:27 PM

Color:

Please specify where the 24" pipe ties into existing PLD. The inlet cannot be located directly net to the outlet control structure.



Subject: Engineer Page Label: 1 Lock: Locked Status:

Checkmark: Unchecked Author: dsdgrimm Date: 5/4/2018 3:22:47 PM

Color:

Permanent easement will need to be provided, please show proposed easement on this plan.

Permission to grade on other's property will be required (yes, we know that they are the same owner, please show on this plan that they are the

same owner and that will be sufficient).



Subject: Engineer Page Label: 1 Lock: Locked Status:

Checkmark: Unchecked Author: dsdgrimm Date: 5/4/2018 3:22:21 PM

Color:

The curb and gutter here is called out as existing, however with the installation of the pipe the curb and gutter will need to be removed and replaced.



Subject: Engineer Page Label: 2 Lock: Locked Status:

Checkmark: Unchecked Author: dsdgrimm Date: 5/4/2018 3:22:34 PM

Color:

What happened to the (2) EVTs? If they are remaining show them on this layout.



Subject: Engineer Page Label: 2 Lock: Locked

Checkmark: Unchecked

Author: dsdgrimm **Date:** 5/4/2018 3:22:34 PM

Color:

Status:

If the stabilized staging area and temporary stockpile are not part of post-paving storm water management plan then don't show them as

existing with it.



Subject: Engineer Page Label: 2 Lock: Locked

Checkmark: Unchecked Author: dsdgrimm Date: 5/4/2018 3:22:32 PM

Color:

Status:

How is the water flowing parallel to the grade line?



Subject: Engineer Page Label: 2 Lock: Locked Status:

Checkmark: Unchecked Author: dsdgrimm Date: 5/4/2018 3:22:32 PM

Color:

Silt fence and construction fence blocking entrance/exit.



Subject: Engineer Page Label: 2 Lock: Locked

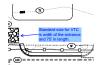
Status:

Checkmark: Unchecked Author: dsdgrimm Date: 5/4/2018 3:22:28 PM

Color:

Consider shifting TS over to an area that wont

interfere with CWS and VTC



Subject: Engineer Page Label: 2 Lock: Locked Status:

Checkmark: Unchecked Author: dsdgrimm Date: 5/4/2018 3:22:29 PM

Color:

Standard size for VTC is width of the entrance and 75' in length.

Subject: Engineer Page Label: 3 Lock: Locked Status:

Checkmark: Unchecked Author: dsdgrimm Date: 5/4/2018 3:22:36 PM

Color:

Add erosion logs to legend on sheet 2, if being used. Also add that erosion logs should be buried in the soil one third to one quarter the diameter of the log and stakes should be 90 degrees from

each other to key in the log.



Subject: Engineer Page Label: 3 Lock: Locked Status:

Checkmark: Unchecked Author: dsdgrimm Date: 5/4/2018 3:22:35 PM

Color:

Please provide standard details for all construction

BMPs.