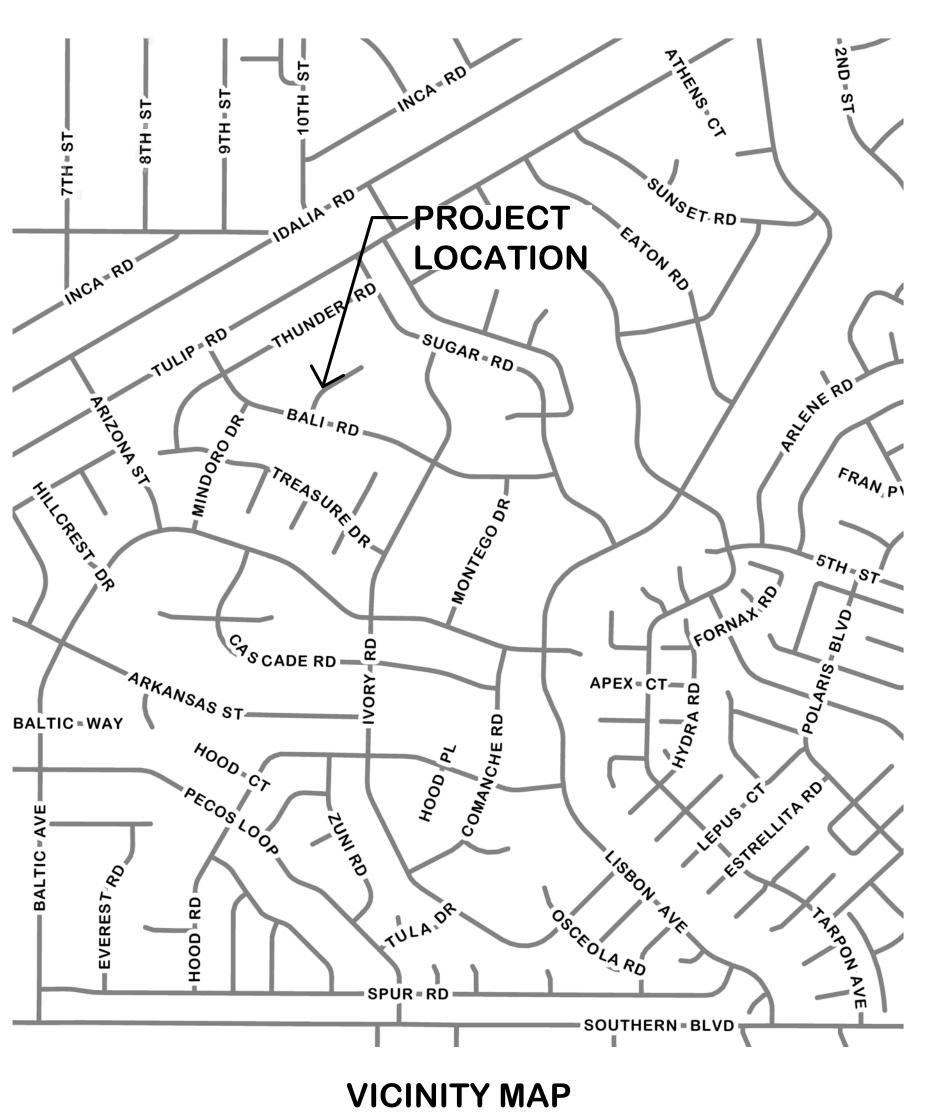
SOUTHERN SANDOVAL COUNTY **ARROYO FLOOD CONTROL AUTHORITY MONTEGO COURT** DRAINAGE IMPROVEMENTS **BLACK ARROYO WATERSHED**



SHEET INDEX		
Sheet Number	Sheet Title	
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APPRO

SSCAFCA:

EXECUTIVE ENGINEER

CITY OF RIO RANCHO:

DEVELOPMENT SERVICES DE

COUNTY ARROYO FLOD		
Southern Sandoval County Arroyo Flood Control Authority		
1041 Commercial Dr. S.E. Rio Rancho, New Mexico 87124 505-892-RAIN (7246) 505-892-7241 (Fax) <u>www.sscafca.com</u>		
THOM IS SION		
MONTEGO COURT DRAINAGE IMPROVEMENTS	COVER SHEET VICINITY MAP & SHEET INDEX	
REVISIONS & CHANGE NOTICES MARK DESCRIPTION DATE		
PROJECT NO: BL_P0026 DESIGNED BY: JB DRAWN BY: KLF CHECKED BY: AES DATE: 8/13/2018		
1		
SHEET 1 OF 8		

VALS

	DATE:
	DATE:
EPARTMENT	

DATE:_

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH 1) THE PROJECT CONSTRUCTION PLANS, 2) THE PROJECT SPECIFICATIONS, AND 3) NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, APWA NM CHARTER, LATEST EDITION, IN THAT ORDER OF PRECEDENCE AT THE TIME OF CONSTRUCTION BID.
- THE CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- NO MODIFICATIONS TO THESE PLANS SHALL BE MADE WITHOUT THE WRITTEN CONSENT OF THE OWNER, ENGINEER AND ALL APPROVAL SIGNATORIES. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION METHODS OR TECHNIQUES OR FOR THE PROSECUTION OF THE WORK AS SHOWN ON THESE PLANS. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR OTHER PERSONS PERFORMING ANY WORK, AS SHOWN IN THE PROJECT CONTRACT DOCUMENTS.
- 4. UNLESS OTHERWISE PROVIDED AS PART OF THE CONSTRUCTION PLANS, A COMPLETE TRAFFIC CONTROL PLAN SHALL BE PREPARED BY THE CONTRACTOR WHEN ANY PORTION OF THE WORK IMPACTS THE TRAVELING PUBLIC, EITHER VEHICULAR OR PEDESTRIAN. ALL CONSTRUCTION SIGNING, BARRICADING AND CHANNELIZATION SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD), LATEST EDITION. THE PLAN SHALL BE SUBMITTED TO THE CITY OF RIO RANCHO DEVELOPMENT SERVICES DEPARTMENT ENGINEERING SECTION FOR APPROVAL AT LEAST 7 DAYS PRIOR TO THE DESIRED START OF CONSTRUCTION. THE CONTRACTOR SHALL NOT IMPLEMENT THE TRAFFIC CONTROL PLAN UNTIL APPROVAL OF THE PLAN HAS BEEN RECEIVED.
- 5. THE CONTRACTOR SHALL DESIGNATE AT LEAST ONE EMERGENCY CONTACT PERSON, AND SHALL PROVIDE TELEPHONE NUMBERS WHERE THIS PERSON CAN BE CONTACTED AT ANY TIME. THIS INFORMATION SHALL BE PROVIDED TO THE OWNER/ENGINEER (SSCAFCA), THE CITY OF RIO RANCHO DEPARTMENT OF PUBLIC SAFETY (505-891-5900) AND THE CITY OF RIO RANCHO DEVELOPMENT SERVICES DEPARTMENT (505-891-5005)
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM ALL JURISDICTIONAL AUTHORITIES PRIOR TO START OF CONSTRUCTION.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY, HEALTH, AND ENVIRONMENTAL PROTECTION.
- EXISTING SITE IMPROVEMENTS WHICH ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. THE WORK SHALL BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION OF THE REPAIRS. REPAIRS MUST BE ACCEPTED BY THE OWNER PRIOR TO FINAL PAYMENT.
- 9. THE CONTRACTOR SHALL ONLY UTILIZE THE DESIGNATED STAGING AREAS FOR STORAGE OF ALL EQUIPMENT AND MATERIALS. THE OWNER ASSUMES NO RESPONSIBILITY OR LIABILITY FOR CONTRACTOR'S EQUIPMENT AND MATERIAL IN THE STAGING AREA. SECURITY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. IF NO STAGING AREA IS DESIGNATED ON THESE PLANS, AN OFF-SITE STAGING AREA SHALL BE PROVIDED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE, OR THE CONTRACTOR MAY NEGOTIATE WITH THE OWNER TO USE AN ON-SITE AREA.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING, IN ADVANCE OF HIS/HER CONSTRUCTION OPERATIONS, IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, GUYS, ETC., ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION IS EVIDENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COSTS ASSOCIATED WITH THIS EFFORT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 11. FACILITIES WHICH ARE NOT SPECIFICALLY LOCATED WITH ACTUAL VERTICAL AND HORIZONTAL CONTROLS ON THE CONSTRUCTION DOCUMENTS, ARE SHOWN APPROXIMATE AND IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION PROVIDED BY VARIOUS OWNERS OF THE FACILITIES, AND SUPPLEMENTED BY VISUAL SURFACE INFORMATION WHERE APPROPRIATE. ACCURACY, LOCATION, AND COMPLETENESS OF THIS INFORMATION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHOULD BE VERIFIED, BY ANY MEANS NECESSARY, PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE OWNER/ENGINEER (SSCAFCA) AT 505-892-7246 IMMEDIATELY.
- 12. IT IS MANDATORY THAT A PRE-CONSTRUCTION MEETING BE HELD PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE OWNER/ENGINEER (SSCAFCA) AT 505-892-7246 TO DETERMINE THE TIME AND LOCATION OF THE PRE-CONSTRUCTION MEETING.
- 13. AT THE PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE TO THE OWNER / ENGINEER (SSCAFCA).
- 14. ANY WORK PERFORMED WITHOUT THE APPROVAL OF THE OWNER / ENGINEER (SSCAFCA) AND/OR ALL WORK AND MATERIALS NOT IN CONFORMANCE WITH THE SPECIFICATIONS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- 15. THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS FOR CLEANING TRUCKS AND/OR OTHER EQUIPMENT OF MUD PRIOR TO ENTERING PUBLIC STREETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN STREETS AND TAKE WHATEVER MEASURES ARE NECESSARY TO ENSURE THAT ALL ROADS ARE MAINTAINED IN A CLEAN, MUD AND DUST-FREE CONDITION AT ALL TIMES.
- 16. THE CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL AT 811 OR 1-800-321-2537, FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION FOR UTILITY SPOTS IN ACCORDANCE WITH APPLICABLE STATE LAW.
- 17. CONTRACTOR WILL NOTIFY THE OWNER / ENGINEER (SSCAFCA) AT 505-892-7246 A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF WORK.
- 18. THE CONTRACTOR SHALL CONFINE HIS WORK TO WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHTS-OF-WAY TO PRESERVE EXISTING VEGETATION, LANDSCAPING, AND PRIVATE PROPERTY. APPROVAL OF THESE PLANS DOES NOT GIVE OR IMPLY ANY PERMISSION TO TRESPASS OR WORK ON PRIVATE PROPERTY. PERMISSION MUST BE GRANTED IN WRITING BY THE OWNER OF THAT PROPERTY.
- 19. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO KEEP THE JOB SITE FREE FROM TRASH ON A DAILY BASIS, AND ALL MATERIALS WILL BE NEATLY ORGANIZED. TRASH AND/OR NON-USED MATERIALS SHALL NOT BE BURIED ON-SITE.
- 20. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES SO AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS.

GENERAL NOTES (CONTINUED)

- 21. CONTRACTOR SHALL PROVIDE CONSTRUCTION STAKING UTILIZING APPROVED CONSTRUCTION PLANS, THE APPROPRIATE RIGHT-OF-WAY MAPS, RECORDED PLATS, AND CITY OF RIO RANCHO STANDARD DETAILS. EACH REVISION TO THE PLANS SHALL BE RECORDED IN THE PLAN REVISION BLOCK. PLANS SHALL INCLUDE LOCATION MAP WITH LEGAL DESCRIPTION AND LOCATION GRID.
- 22. THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS-BUILT PLANS FOR THE PROJECT. THE FINAL AS-BUILT PLANS, REFLECTING ANY AND ALL CHANGES TO THE ORIGINAL PLAN, SHALL BE SUBMITTED TO THE OWNER / ENGINEER (SSCAFCA) PRIOR TO FINAL PAYMENT.
- 23. THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION ACTIVITIES, PERMITTING, AND SUBMITTALS ARE IN ACCORDANCE WITH THE SSCAFCA / CITY OF RIO RANCHO DEVELOPMENT PROCESS MANUAL (DPM) AND LOCAL ORDINANCES.
- 24. NO WORK SHALL BE PERFORMED IN A FEMA FLOODPLAIN WITHOUT WRITTEN AUTHORIZATION FROM THE LOCAL FLOODPLAIN MANAGER.
- 25. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF HIS WORK FROM STORMWATER FLOWS AS OUTLINED IN THE SUPPLEMENTAL TECHNICAL SPECIFICATIONS PROVIDED IN THE CONTRACT DOCUMENTS.
- 26. UNLESS OTHERWISE SPECIFIED, ALL CONCRETE SHALL BE A MINIMUM OF 3,500 PSI.
- 27. IF APPLICABLE, THE CONTRACTOR SHALL COMPLY WITH ALL CONSTRUCTION RELATED REQUIREMENTS OF THE PROJECT'S CORP OF ENGINEERS 404 PERMIT. COPIES OF THE PERMIT TERMS MAY BE OBTAINED FROM THE OWNER.
- 28. CONTRACTOR IS RESPONSIBLE FOR ENSURING THE EXISTING AND PROPOSED PIPES ARE CLEAN AND FREE OF DEBRIS, TO BE PAID FOR UNDER REMOVAL OF STRUCTURE / OBSTRUCTION BID ITEM.

EROSION CONTROL / ENVIRONMENTAL PROTECTION / STORMWATER POLLUTION PREVENTION PLAN

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULFILLING ALL NECESSARY NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS INCLUDING, BUT NOT LIMITED TO, PREPARING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP), OBTAINING AN NPDES PERMIT PRIOR TO CONSTRUCTION, FILLING OUT THE NOTICE OF INTENT (NOI) APPLICATION, AND FILLING OUT THE NOTICE OF TERMINATION (NOT) APPLICATION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE IMPLEMENTATION OF AND INSPECTION REPORTS FOR THE SWPPP.
- 2. THE CONTRACTOR SHALL SUBMIT THE SWPPP WITH THE PROPOSED CONSTRUCTION STAGING AREA AND TEMPORARY SANITARY FACILITIES CLEARLY SHOWN. ANY CHECK DAMS, SILT FENCES, OR OTHER BEST MANAGEMENT PRACTICES (BMPS) THAT ARE REQUIRED IN THE APPROVED SWPPP SHALL BE INCLUDED IN AND ARE INCIDENTAL TO THE SWPPP BID AMOUNT.
- 3. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED SWPPP ON-SITE AT ALL TIMES AND SHALL COMPLY WITH THE REQUIREMENTS INDICATED ON THAT PLAN AND SHALL PROVIDE AN ADDITIONAL FULLY EXECUTED COPY TO THE OWNER.
- 4. THE CONTRACTOR SHALL EITHER PROMPTLY REMOVE ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY OR INSTALL BMPS IDENTIFIED IN THE APPROVED SWPPP TO PREVENT DISCHARGE OF EXCAVATED MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY DURING A RAIN OR WIND EVENT.
- THE CONTRACTOR SHALL IMPLEMENT THE APPROVED SWPPP, IF APPLICABLE, AND ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY
- 6. THE CONTRACTOR SHALL MITIGATE EROSION OF TEMPORARY OR PERMANENT DIRT SWALES BY INSTALLING BMPS IDENTIFIED IN THE APPROVED SWPPP IN THE SWALES PERPENDICULAR TO THE DIRECTION OF FLOW, AND AT INTERVALS AS SPECIFIED IN THE SWPPP.
- 7. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST CONTROL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND SUPPLYING WATER AS REQUIRED. WATERING, AS REQUIRED FOR CONSTRUCTION AND DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR.
- 8. ANY AREAS DISTURBED BY CONSTRUCTION AND NOT COVERED BY AN IMPERVIOUS SURFACE SHALL BE REVEGETATED WITH NATIVE GRASS SEEDING. WHEN CONSTRUCTION ACTIVITIES CEASE AND EARTH DISTURBING ACTIVITIES WILL NOT RESUME WITHIN 14 DAYS, STABILIZATION MEASURES MUST BE INITIATED.
- 9. ALL WASTE PRODUCTS FROM THE CONSTRUCTION SITE, INCLUDING ITEMS DESIGNATED FOR REMOVAL, CONSTRUCTION WASTE, CONSTRUCTION EQUIPMENT WASTE PRODUCTS (OIL, GAS, TIRES, ETC.) GARBAGE, GRUBBING, EXCESS CUT MATERIAL, VEGETATIVE DEBRIS, ETC. SHALL BE APPROPRIATELY DISPOSED OF OFF-SITE AT NO ADDITIONAL COST TO THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN PERMITS REQUIRED TO HAUL OR DISPOSE OF WASTE PRODUCTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE WASTE DISPOSAL SITE COMPLIES WITH GOVERNMENT REGULATIONS REGARDING THE ENVIRONMENT, ENDANGERED SPECIES, AND ARCHAEOLOGICAL RESOURCES.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP AND REPORTING OF SPILLS OF HAZARDOUS MATERIALS ASSOCIATED WITH THE CONSTRUCTION SITE. HAZARDOUS MATERIALS INCLUDE GASOLINE, DIESEL FUEL, MOTOR OIL, SOLVENTS, CHEMICALS, PAINTS, ETC. WHICH MAY BE A THREAT TO THE ENVIRONMENT. THE CONTRACTOR SHALL REPORT THE DISCOVERY OF PAST OR PRESENT SPILLS TO THE NEW MEXICO ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE TEAM AT 505-827-9329.
- 11. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING SURFACE AND UNDERGROUND WATER. CONTACT WITH SURFACE WATER BY CONSTRUCTION EQUIPMENT AND PERSONNEL SHALL BE MINIMIZED. EQUIPMENT MAINTENANCE AND REFUELING OPERATIONS SHALL BE PERFORMED IN AN ENVIRONMENTALLY SAFE MANNER IN COMPLIANCE WITH GOVERNMENT REGULATIONS.
- 12. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING CONSTRUCTION NOISE AND HOURS OF OPERATION.
- 13. WHERE STORM INLETS ARE SUSCEPTIBLE TO INFLOW OF SILT OR DEBRIS FROM CONSTRUCTION ACTIVITIES, PROTECTION SHALL BE PROVIDED ON THEIR UPSTREAM SIDE UTILIZING BMPS IDENTIFIED IN THE APPROVED SWPPP.

<u>SOILS</u>

	PERCENT (%)
MATERIALS	COMPACTION
STRUCTURAL FILL IN THE BUILDING AREA	95
SUB BASE FOR SLAB SUPPORT	95
MISCELLANEOUS BACKFILL BELOW STRUCTURAL	
FILL OR ROAD	95
MISCELLANEOUS BACKFILL BELOW UNPAVED,	
NON-BUILDING AREAS	90
ROAD SUB GRADE	95
SIDEWALK / TRAIL SUB GRADE	95
CURB AND GUTTER SUBGRADE	95

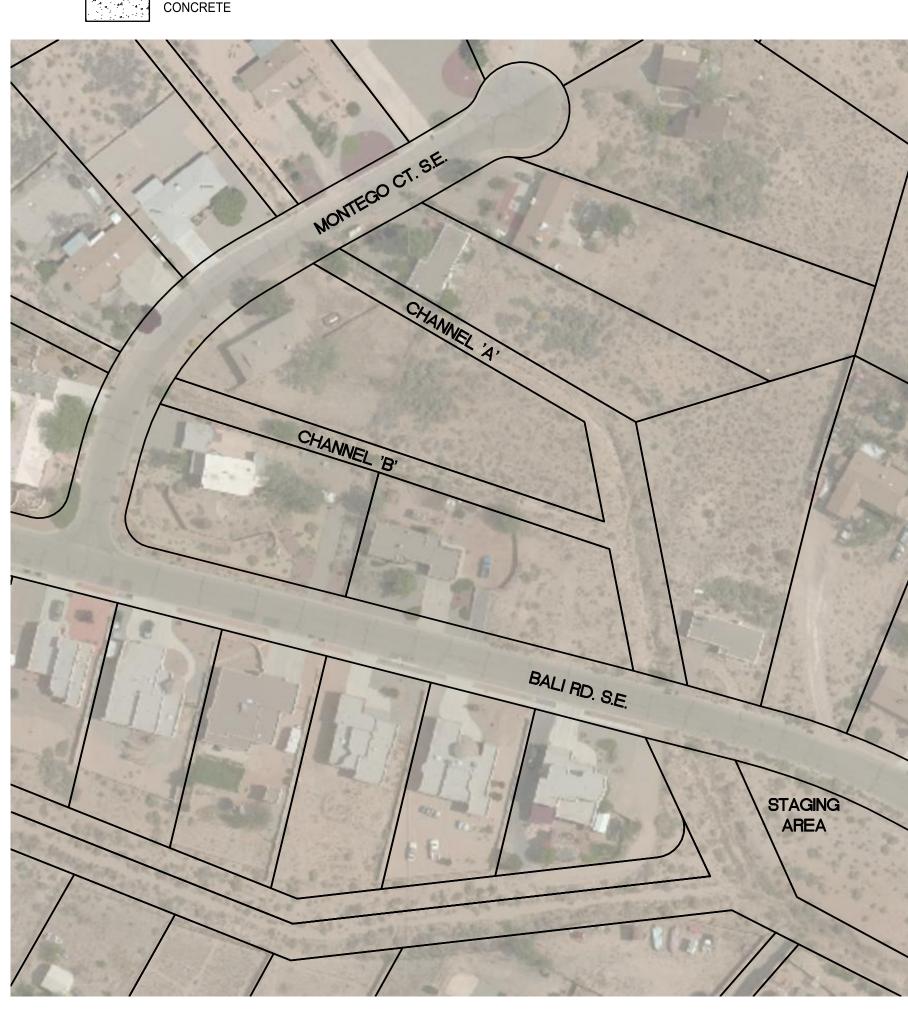
1. UNLESS OTHERWISE SPECIFIED SUBGRADE SOILS AND STRUCTURAL FILL MATERIALS SHALL BE

COMPACTED TO THE FOLLOWING PERCENTAGES OF THE ASTM D-1557 MAXIMUM DENSITY.

LEGEND

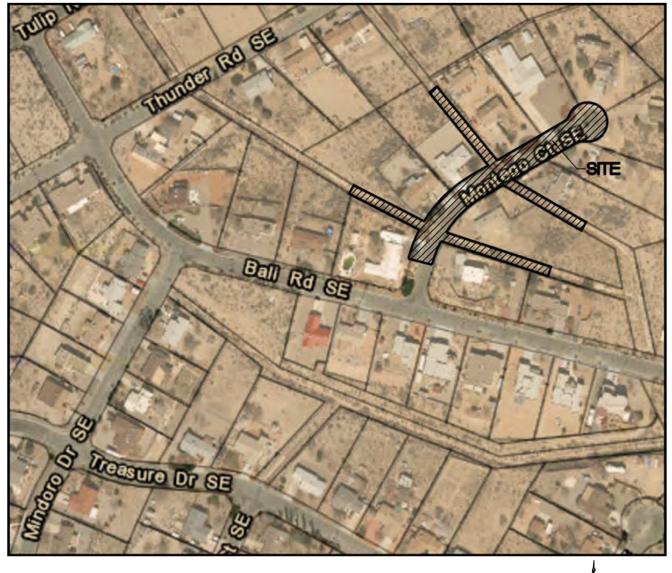
WIRE ENCLOSED RIPRAP





CHANNEL DESIGNATIONS & STREET NAMES

ABBREVIATION	S		
AP	ANALYSIS POINT	ANTY AR	OYO FIDE
@ BC	AT BEGIN CURVE	COM	
BCR	BEGIN CURB RETURN		
BK BLDG	BOOK BUILDING)e
BM	BENCH MARK		
BOA BOP	BEGINNING OF ALIGNMENT BEGINNING OF PROJECT		×]\[\]
BVC	BEGIN VERTICAL CURVE		
BW CATV	BASE OF WALL CABLE TV LINE		
CB	CATCH BASIN		
CF CFS	CURB FACE CUBIC FEET PER SECOND	\sim	\sim
CG	CURB AND GUTTER	Southern	Sandoval
CLF Ç	CHAIN LINK FENCE CENTERLINE	Οοι	inty
ĊMP	CORRUGATED METAL PIPE	Arrovo Flo	od Control
CO CONC	CLEAN OUT CONCRETE	Auth	
CORR	CITY OF RIO RANCHO	1041 Comme	-
CY DUE	CUBIC YARDS DRAINAGE UTILITY EASEMENT	Rio Rancho, Nev	
DI	DROP INLET	505-892-R	
DIA Δ	DIAMETER DELTA	505-892-7	· · ·
EA	EACH	WWW.SSC	· · · ·
EC ECR	END CURVE END CURB RETURN		
ELEV	ELEVATION		
EOA			
EOP EP	END OF PROJECT EDGE OF PAVEMENT	JUNK	BOAT
ESMT	EASEMENT	Jew Stew	MEXICO
EST EVC	ESTIMATE END VERTICAL CURVE	June 24	550
EW	EACH WAY	13, 8-	13-18 HI
EXIST FF	EXISTING FINISH FLOOR	C'SSION	IAL ENG!
FG	FINISH GRADE		
FH FL	FIRE HYDRANT FLOW LINE		
FOC	FACE OF CURB		
FP FPS	FINISHED PAD FEET PER SECOND		
G	GAS		
GM GV	GAS METER GATE VALVE		
HORIZ	HORIZONTAL	Ш	
INT INV	INTERSECTION INVERT	Ū t	
INV EL	INVERT ELEVATION	Ň	
LF LP	LINEAR FEET LIGHT POLE	Ω Ψ	S
LT	LEFT	EGO COURT DRAINAGE IMPROVEMENTS	GENERAL NOTES
MH MID	MANHOLE MID-POINT		Б
NG	NATURAL GROUND	R AT ME	Ž
OC OHE	ON CENTER OVER HEAD ELECTRIC		Ļ
PB	PULL BOX	σ>	ZA Z
PC PCC	POINT OF CURVATURE POINT OF COMPOUND CURVATURE	S C	畄
PG	PAGE	0 L	Z
PGL PI	PROFILE GRADE LINE POINT OF INTERSECTION	EGO (IMPR	Ш
Pi P	PROPERTY LINE		U
PRC	POINT OF REVERSE CURVATURE	NOM	
PT PUE	POINT OF TANGENCY PUBLIC UTILITY EASEMENT	4C	
PVC	POLYVINYL CHLORIDE PIPE	2	
PVMT Q	PAVEMENT 100 YEAR PEAK DISCHARGE		
QTY	QUANTITY		
RAD RCP	RADIUS REINFORCED CONCRETE PIPE		
RD	ROOF DRAIN	REVISI CHANGE	
REF RP	REFERENCE RADIUS POINT	MARK DESCRIF	PTION DATE
RT	RIGHT		
R/W,ROW S	RIGHT-OF-WAY SLOPE		
SAS, SS	SANITARY SEWER LINE		
SD SF	STORM DRAIN SQUARE FEET	 	
STA	STATION		
STD SW	STANDARD SIDEWALK		
SY	SQUARE YARDS		
T TA	TANGENT TOP OF ASPHALT		
TAC	TOP OF ASPHALT CURB		
TBC TC	TOP BACK OF CURB TOP OF CONCRETE		
TEL	TELEPHONE LINE, RISER OR BOX		
TP TRANS	TOP OF PIPE TRANSVERSE	PROJECT NO:	—
TW	TOP OF WALL	DESIGNED BY:	JB
TYP UE	TYPICAL UNDERGROUND ELECTRICAL LINE	DRAWN BY:	KLF
UT	UNDERGROUND TELEPHONE LINE	CHECKED BY:	AES
V VC	VELOCITY VERTICAL CURVE		8/16/2018
VERT	VERTICAL	DATE.	
VPI W	VERTICAL POINT OF INTERSECTION WATER LINE		
WM	WATER METER	2)
WQ WSEL	WATER QUALITY WATER SURFACE ELEVATION		-
WV	WATER SURFACE ELEVATION WATER VALVE		
		SHEET	2 OF 8



Vicinity Map

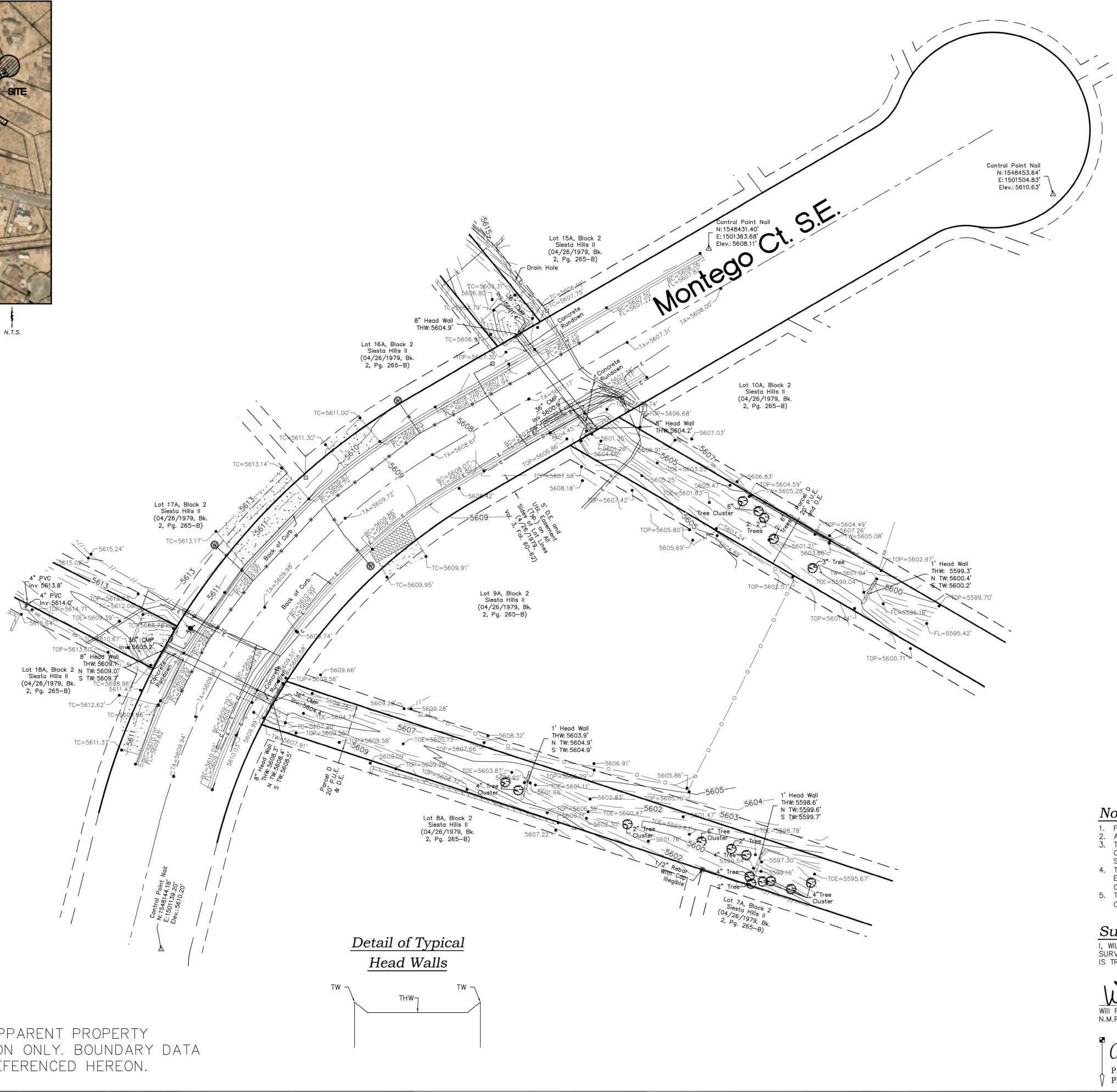
Benchmark -NAVD 88

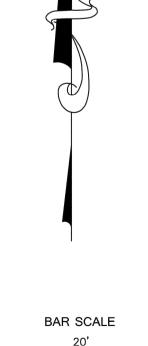
THE BENCHMARK ELEVATIONS SHOWN HEREON WERE OBTAINED BY GPS OBSERVATION DERIVED FROM AN OPUS SOLUTION USING THE FOLLOWING THREE STATIONS:

NMSF SANTA FE CORS ARP P107 GRANTS___NM2006 CORS ARP P034 SANDIA_ASLNM2004 CORS ARP

BASED UPON THE ACCURACIES AS DETERMINED USING THE NGS OPUS SOLUTIONS AND THE METHODS USED IN THE FIELD, THE PUBLISHED COORDINATES AND ELEVATIONS SHOWN HEREON HAVE THE FOLLOWING ACCURACIES:

X= 0.10' Y= 0.10' Z= 0.10'





SCALE: 1" = 20'

THIS IS NOT A BOUNDARY SURVEY, APPARENT PROPERTY CORNERS ARE SHOWN FOR ORIENTATION ONLY. BOUNDARY DATA SHOWN IS FROM PREVIOUS SURVEY REFERENCED HEREON.

Topographic Map for Portions of Parcels B, C and D Siesta Hills II City of Rio Rancho Sandoval County, New Mexico June 2018

Legend

2080110			
۲	FOUND MONUMENT AS INDICATED		
0	SET BATHEY MARKER "LS 14271" UNLESS OTHERWISE NOTED		
	CONCRETE		
	BRICK		
	UTILITY PEDESTAL		
00	GUARD RAIL		
//	WOOD FENCE		
	METAL FENCE		
	BLOCK WALL		
o	CHAINLINK FENCE		
	RAILROAD TIES		
	WATER METER		
X	FIRE HYDRANT		
Θ	TREE		
G	UNDERGROUND GAS UTILITY LINE		
——	UNDERGROUND WATER UTILITY LINE		
c	UNDERGROUND CABLE UTILITY LINE		
——Е	UNDERGROUND ELECTRIC UTILITY LINE		
T	UNDERGROUND TELEPHONE UTILITY LINE		
5075.50	SPOT ELEVATION		
BC 5075.50	BACK OF CURB ELEVATION		
FL 5075.50	FLOW LINE ELEVATION		
TC 5075.50	TOP OF CONCRETE ELEVATION		
TOP 5075.50	TOP OF GRADE ELEVATION		
TOE 5075.50	BOTTOM OF GRADE ELEVATION		
TW 5075.50	TOP OF WALL ELEVATION		
THW 5075.50	TOP OF HEAD WALL ELEVATION		

Notes

- FIELD SURVEY PERFORMED IN MAY 2018.
 ALL DISTANCES ARE GROUND DISTANCES: U.S. SURVEY FOOT.
 THE EASEMENTS SHOWN HEREON ARE ONLY THE EASEMENTS AS SHOWN ON THE PLAT OF RECORD. A TITLE COMMITMENT WILL BE REQUIRED TO SHOW OTHER EASEMENTS.
- 4. THERE IS A 5' DRAINAGE AND UTILITY EASEMENT ALONG ALL SIDES OF
- EACH LOT PER PLAT OF RECORD FILED IN THE SANDOVAL COUNTY CLERK'S OFFICE ON APRIL 26, 1979, IN VOL. 3, FOL. 60-62.
 THE COORDINATES SHOWN HEREON AS NEW MEXICO STATE PLANE COORDINATES (NAD 83-GRID).

Surveyor's Certificate

I, WILL PLOTNER JR., A NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR DO HEREBY CERTIFY THAT THE TOPOGRAPHIC MAP SHOWN HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

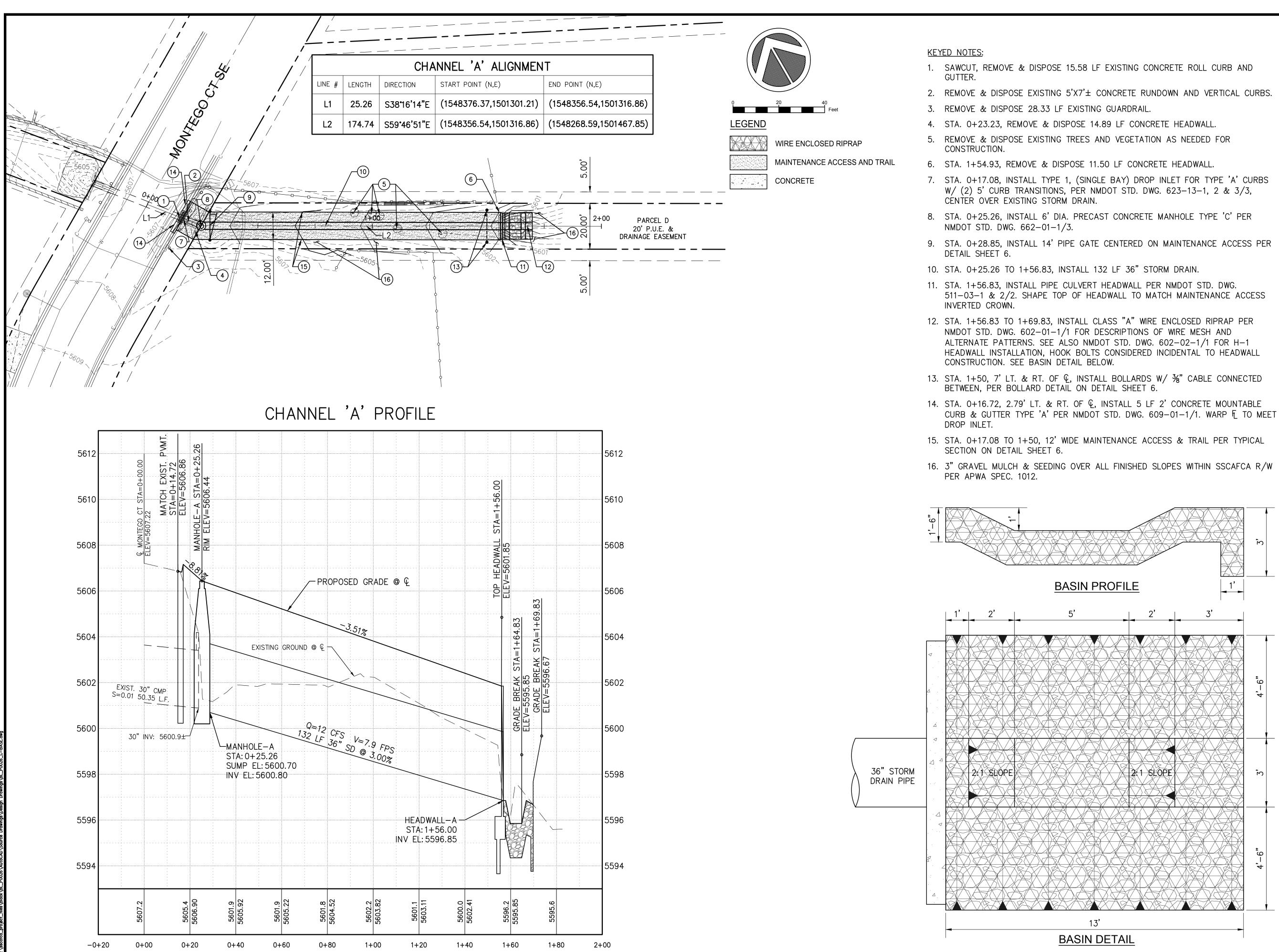
Will Plotner Jr. N.M.R.P.S. No. 1427 CSI-CARTESIAN SURVEYS INC P.O. BOX 44414 RIO RANCHO, N.M. 87174

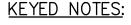
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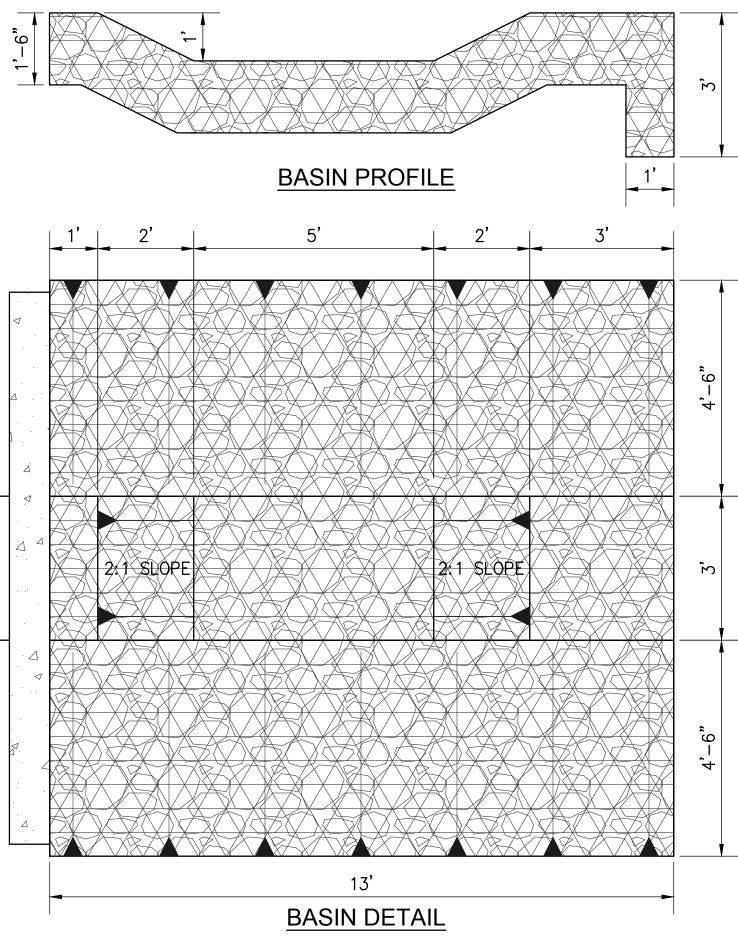
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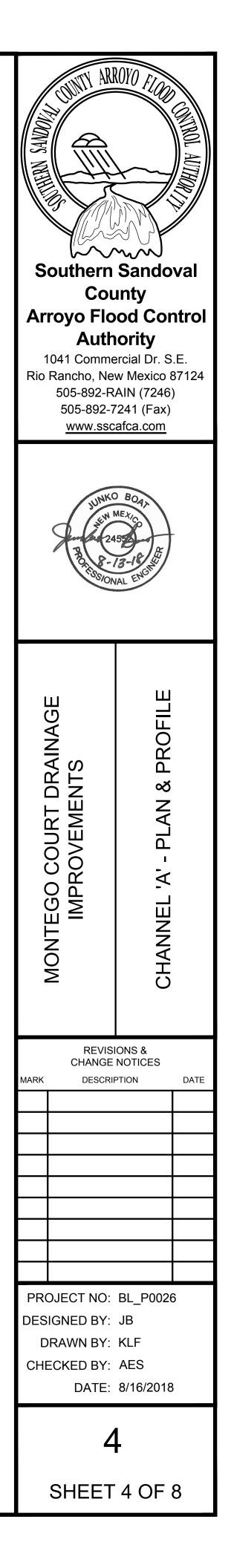
SHEET 3 OF 8

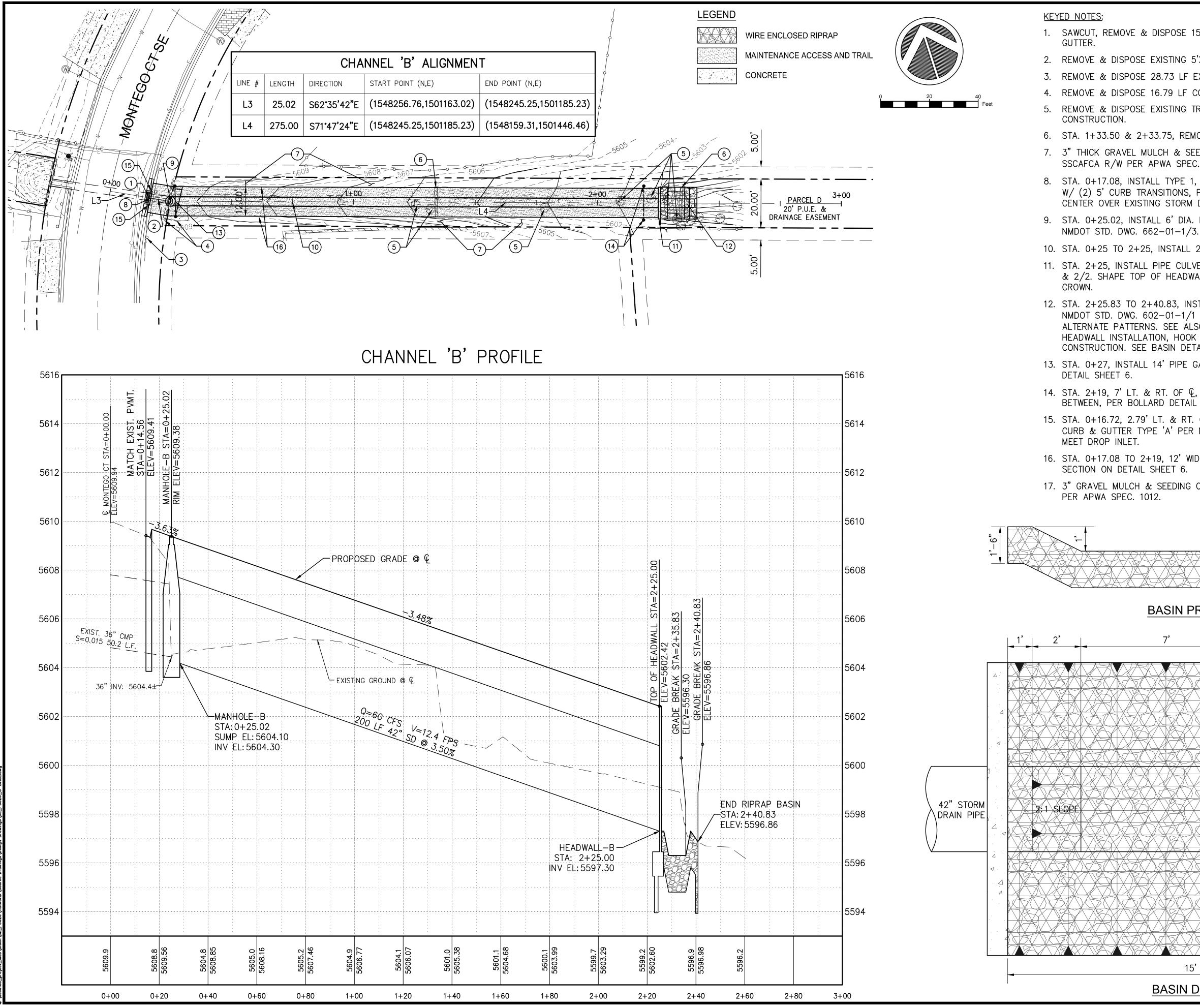
Phone (505) 896 - 3050 Fax (505) 891 - 0244

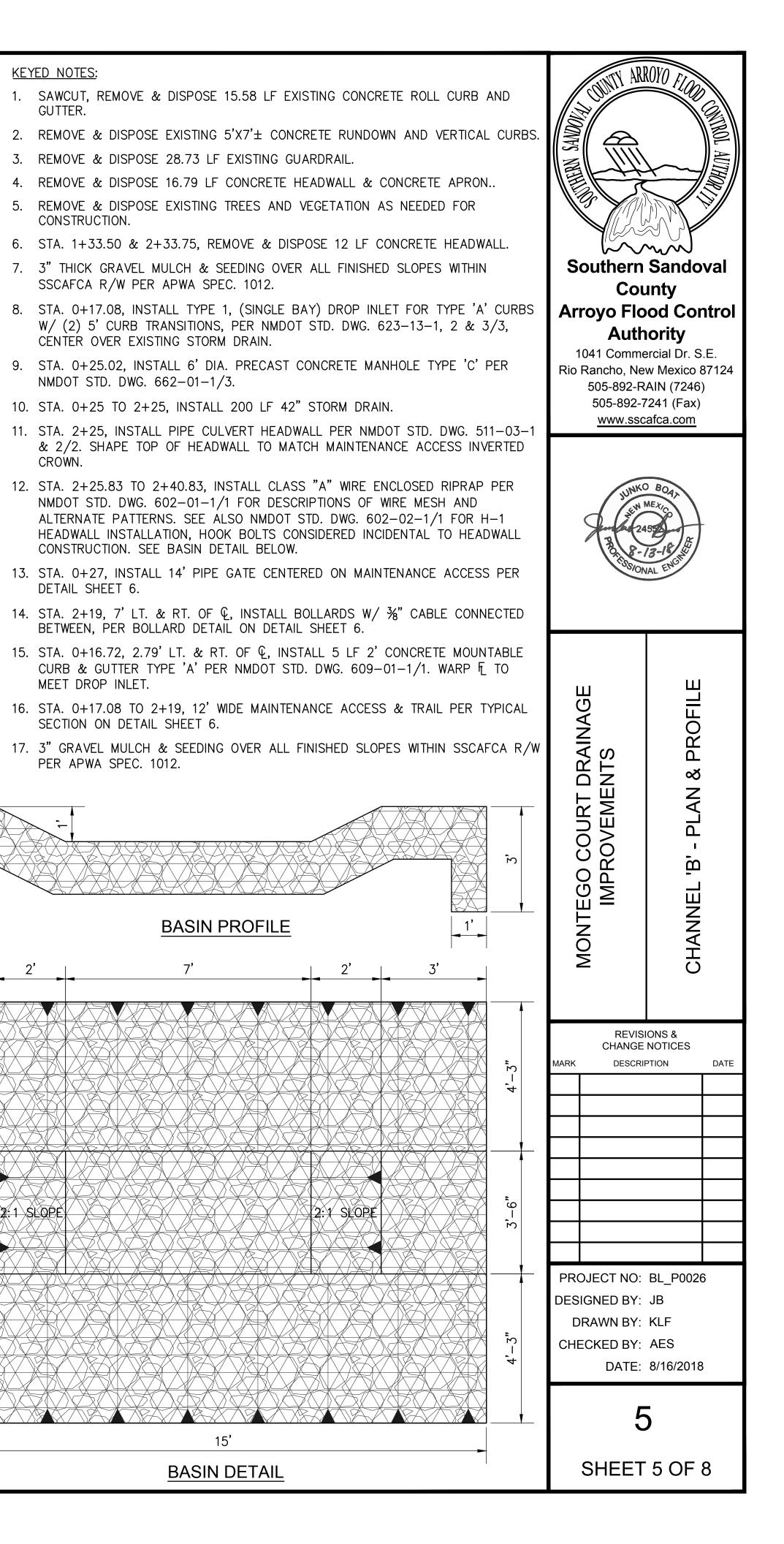


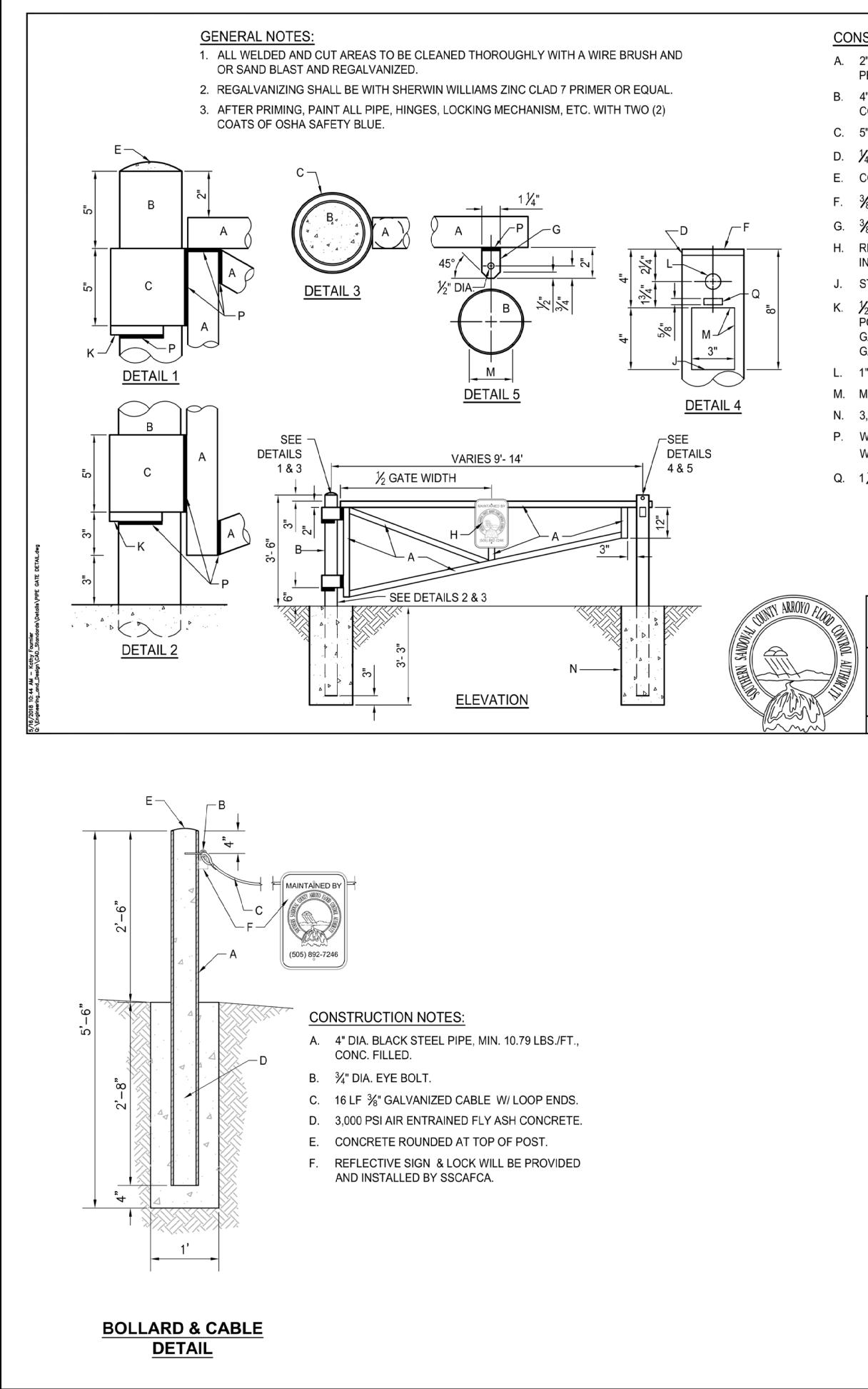












day, August 17, 2018 2:24:56 PM - Andres Sanchez 192.168.1.9\public\DATA\SSCAFCA_Project_Files\Black\BL_P0026\AutoCAD\Production Drawings\Plan_Sets\BL_P0026_C

CONSTRUCTION NOTES:

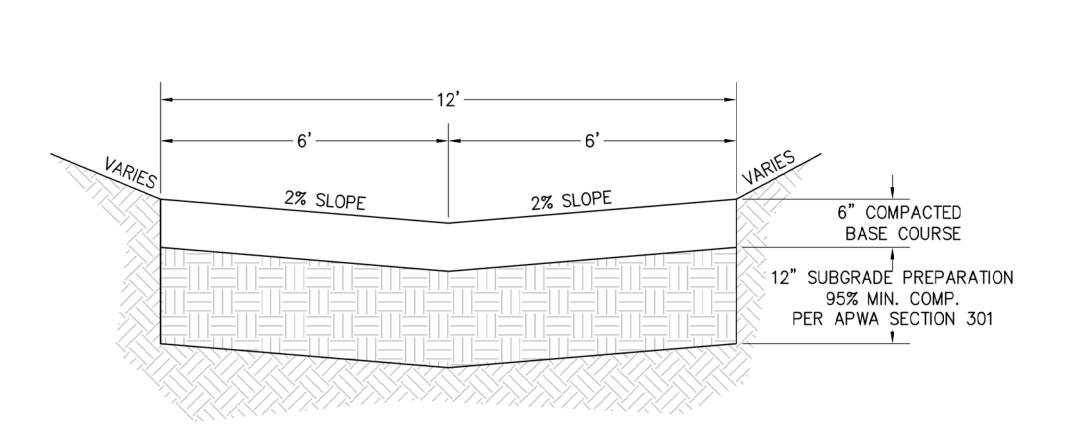
- A. 2" NOMINAL DIA. GALV. PIPE, MIN. WEIGHT PER FOOT 3.65 LBS.
- B. 4" DIA. BLACK STEEL PIPE, MIN. 10.79 LBS./FT., CONC. FILLED.
- C. 5" DIA. BLACK STEEL PIPE, MIN. 14.62 LBS./FT.
- D. χ " BUTT WELD ALL AROUND.
- E. CONCRETE ROUNDED AT TOP OF POST.
- F. $\frac{3}{8}$ " X 4 $\frac{1}{4}$ " DIA. STEEL PLATE.
- G. ¾" STEEL PLATE FLANGE.
- H. REFLECTIVE SIGN WILL BE PROVIDED AND INSTALLED BY SSCAFCA.
- J. STOP CONCRETE IN PIPE AT THIS POINT.
- K. ½" SQ. STEEL BAR FOR HINGE SUPPORT. POSITION BAR TO ALLOW UNRESTRICTED GATE ROTATION THROUGH ENTIRE SWING OF GATE OPENING.
- L. 1" DIA. FINGER HOLE.
- M. MAKE A 3" X 4" CUT IN PIPE.
- N. 3,000 PSI AIR ENTRAINED FLY ASH CONCRETE.
- P. WELD ALL 2" PIPE & FIXTURE CONNECTIONS WITH $\frac{3}{8}$ " FILLET ALL AROUND.
- Q. $1\frac{1}{2}$ " X $\frac{5}{8}$ " SLOT FOR STEEL PLATE FLANGE.

Southern Sandoval County Arroyo Flood Control Authority

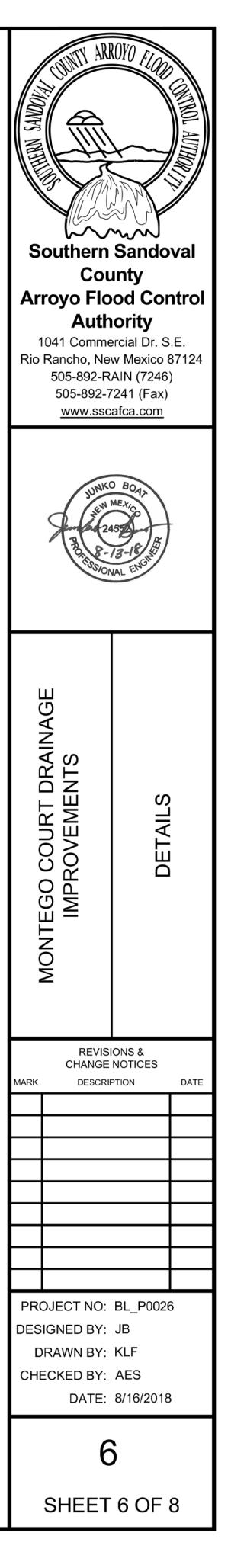
SINGLE PIPE GATE DETAIL FOR MAINTENANCE ACCESS

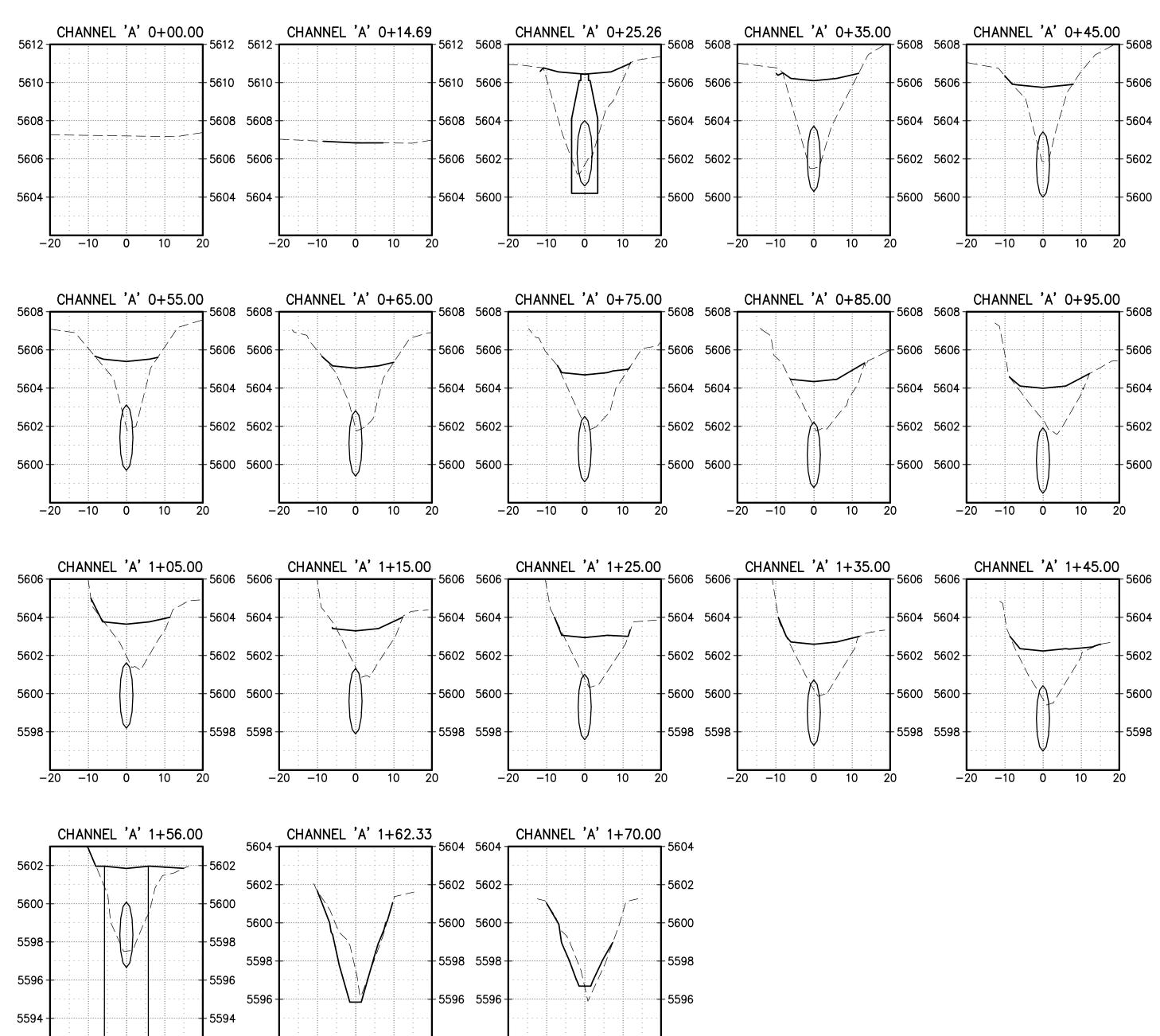
PIPE GATE DETAIL.DWG

May 10, 2018

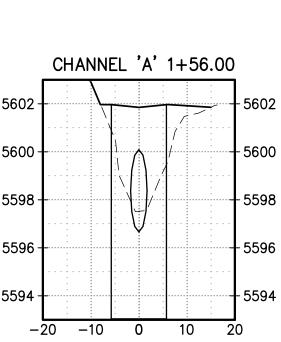


MAINTENANCE ACCESS & TRAIL TYPICAL SECTION



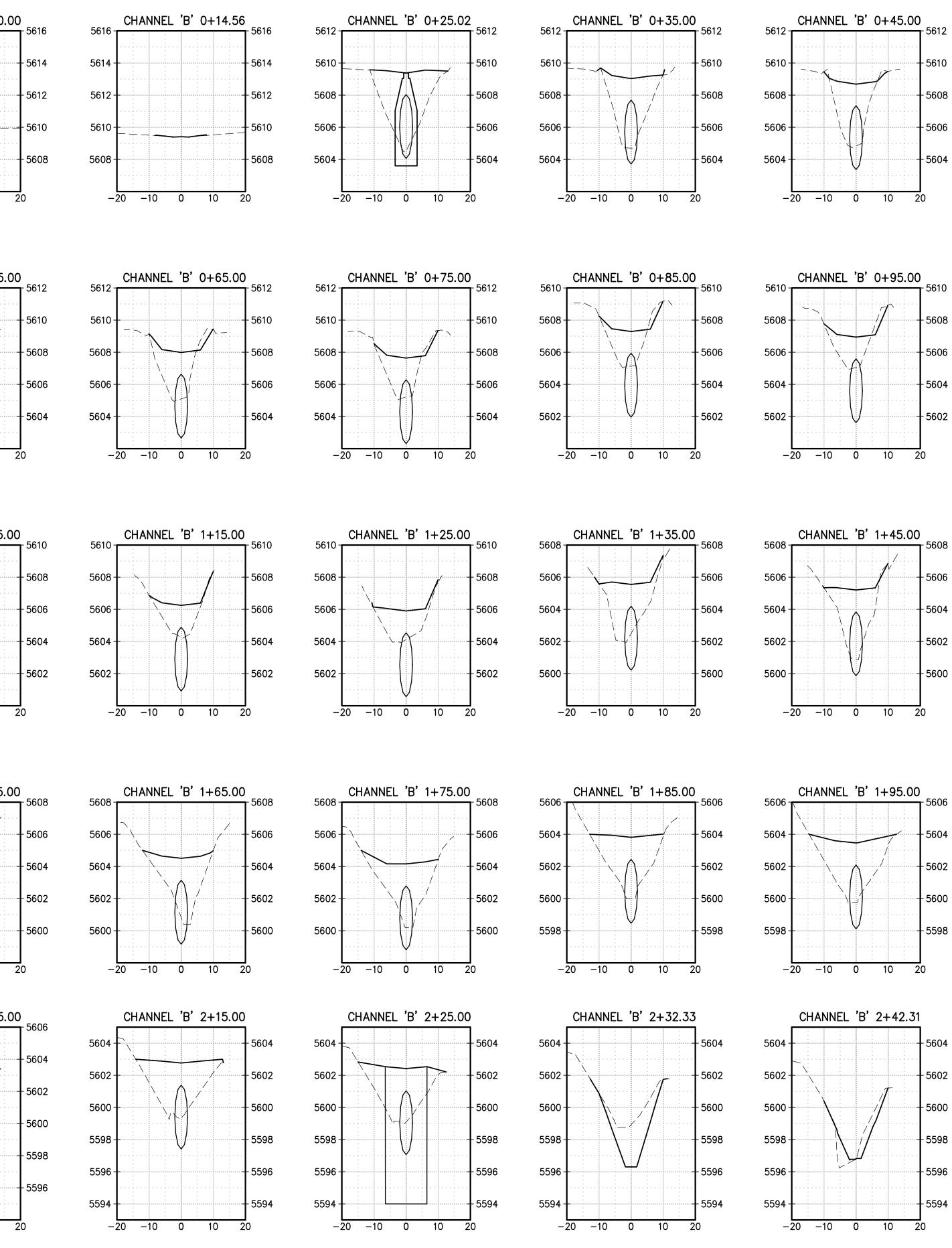


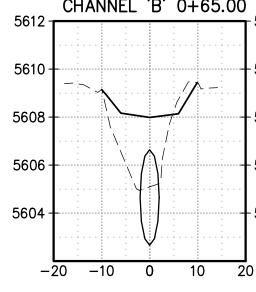
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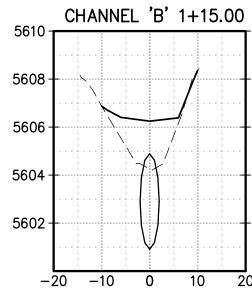


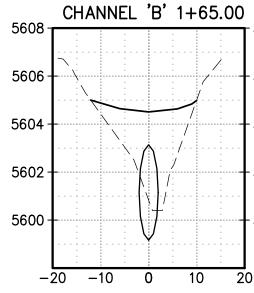
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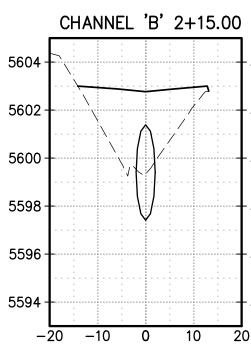
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	MONTEGO COURT DRAINAGE IMPROVEMENTS	CROSS SECTIONS - CHANNEL 'A'
	REVISI CHANGE MARK DESCRIF DESCRIF DESCRIF DESCRIF DESCRIF DRAUN BY: CHECKED BY: DATE:	NOTICES PTION DATE DATE DATE DATE DATE DATE DATE DATE
SCALE: HORIZ. 1"=20' VERT. 1"=4'	7 SHEET 7 OF 8	

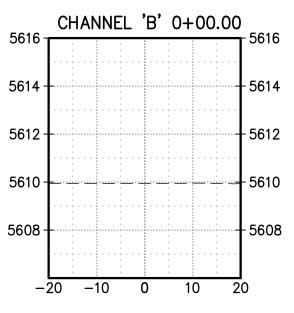


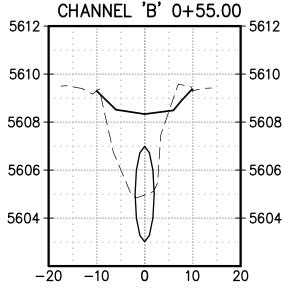


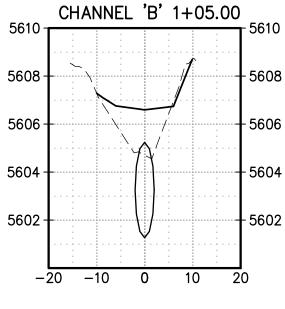


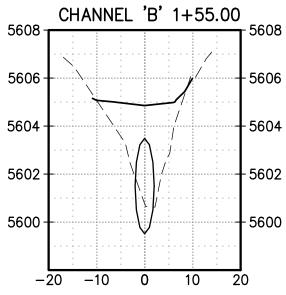


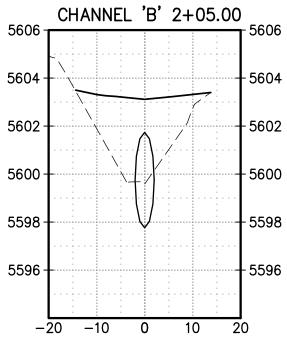












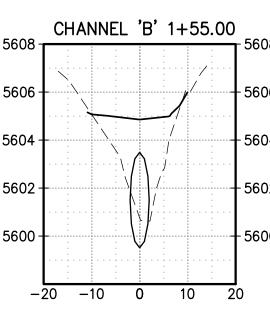


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	MONTEGO COURT DRAINAGE IMPROVEMENTS	CROSS SECTIONS - CHANNEL 'B'
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SCALE: HORIZ. 1"=20' VERT. 1"=4'	8 SHEET 8 OF 8	