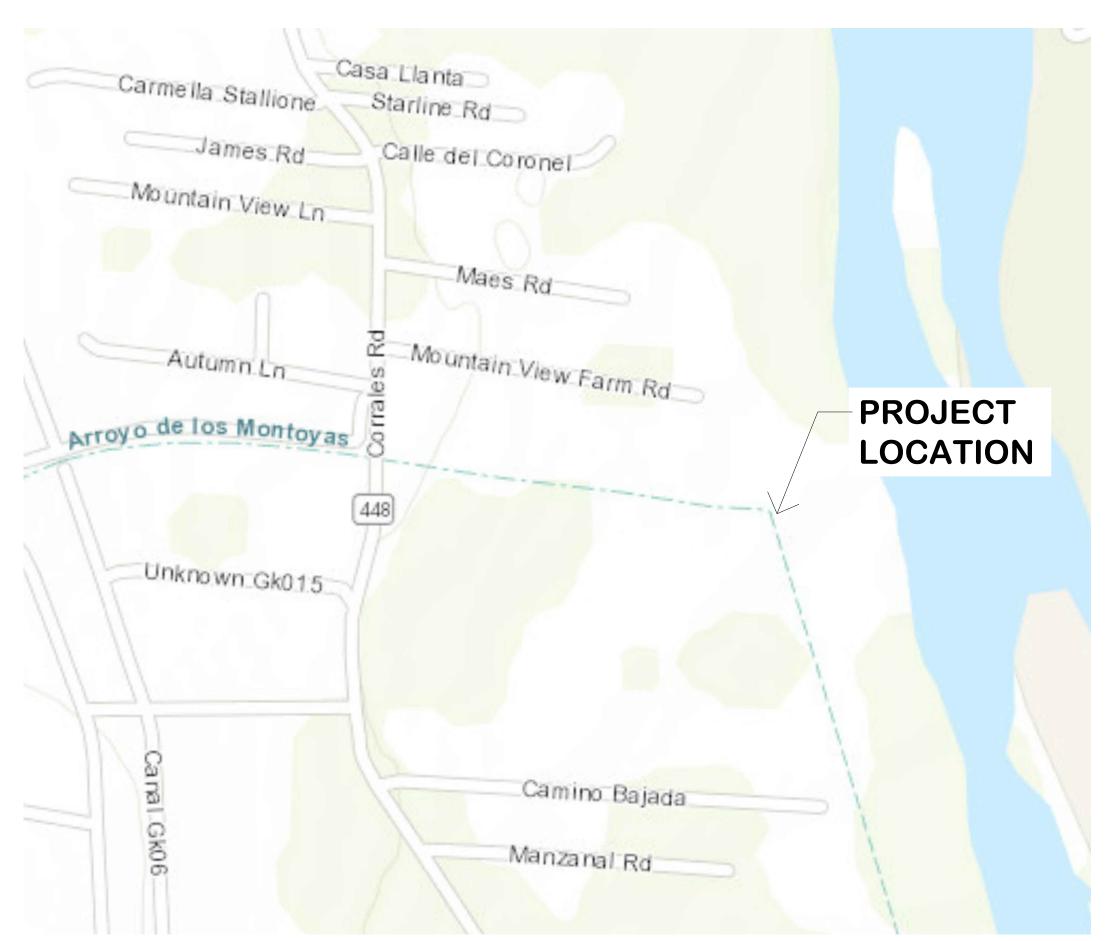
SOUTHERN SANDOVAL COUNTY ARROYO FLOOD CONTROL AUTHORITY HARVEY JONES CHANNEL RIVER OUTFALL

SSCAFCA Project No. MO_P0040-01 MONTOYAS ARROYO WATERSHED



VICINITY MAP

SHEET INDEX			
SHEET TITLE			
COVER SHEET			
GENERAL NOTES			
SURVEY SHEET 1			
SURVEY SHEET 2			
SURVEY SHEET 3			
SITE LAYOUT PLAN			
GENERAL GRADING PLAN			
GENERAL DETAILS			
TYPICAL SECTIONS			
ADDITIONAL GENERAL NOTES			
PLAN AND SECTIONS			
PLAN AND SECTIONS			
DETAILS			
PLAN			
DETAILS			

APPROVALS

SSCAFCA:	EXECUTIVE ENGINEER	DATE:
CITY OF RIO RANCHO	UTILITY DEPARTMENT	DATE:
MIDDLE RIO GRANDE CONSERVANCY DISTRICT:	CHIEF ENGINEER	DATE:



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) www.sscafca.com



HARVEY JONES CHANNEL RIVER OUTFALL COVER SHEET

	REVISIONS & CHANGE NOTICES	
MARK	DESCRIPTION	DAT
PR	OJECT NO: MO P004	10-01

PROJECT NO: MO_P0040-01
DESIGNED BY: DG
DRAWN BY: KLF
CHECKED BY: AE
DATE: 9/3/2021

1

SHEET 1 OF 9

Notice of Extended Payment Provision

This contract allows the owner to make payment within 45 days after submission of an undisputed request for payment.

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
- 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.
- 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 VILLAGE OF CORRALES FIRE DEPARTMENT.
- 6. 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
- 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
- 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
- 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 OR OTHER CONTRACTORS ON SITE.

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 / VILLAGE OF CORRALES 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
- 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 SHALL PLACE "TRAIL CLOSED" SIGNS AT NORTH AND SOUTH ENTRANCES TO THE PROJECT SITE AND ANY REQUIRED NOTIFICATION SIGNS (E.G. "TRUCKS TURNING") AT THE INTERSECTION OF ROMERO ROAD AND CORRALES ROAD THIS SHALL INCIDENTAL TO THE

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
- 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.

SOILS

 UNLESS OTHERWISE SPECIFIED SUBGRADE SOILS AND STRUCTURAL FILL MATERIALS SHALL BE COMPACTED TO THE FOLLOWING PERCENTAGES OF THE ASTM D-1557 MAXIMUM DENSITY.

	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

- AT ALL FINAL GRADES, WITH THE EXCEPTION OF AREA WITH IMPROVEMENTS, SHALL BE DISKED OR RIPPED TO A DEPTH OF 12" TO FACILITATE PLANT GROWTH.
- 3. ALL SOIL REMOVAL WITHIN 10 FEET OR THE RIVER (EASTERN PERIMETER OF GRADING), SHALL BE PERFORMED USING AN EXCAVATOR AND CONTRACTOR SHALL PREVENT ANY SOILS FROM BEING PLACED WITHIN THE ORDINARY HIGH WATER MARK OF THE RIVER.

TRANSVERSE

TOP OF WALL

UNDERGROUND ELECTRICAL LINE

UNDERGROUND TELEPHONE LINE

VERTICAL POINT OF INTERSECTION

WATER SURFACE ELEVATION

TYPICAL

VELOCITY

VERTICAL

WATER LINE

WATER METER WATER QUALITY

WATER VALVE

VERTICAL CURVE

ABBREVIATION	S
AP	ANALYSIS POINT
@ BC	AT BEGIN CURVE
BCR	BEGIN CURB RETURN
BK BLDG	BOOK BUILDING
BM BOA	BENCH MARK BEGINNING OF ALIGNMENT
BOP	BEGINNING OF ALIGNMENT BEGINNING OF PROJECT
BVC BW	BEGIN VERTICAL CURVE BASE OF WALL
CATV	CABLE TV LINE
CB CF	CATCH BASIN CURB FACE
CFS	CUBIC FEET PER SECOND
CG CLF	CURB AND GUTTER CHAIN LINK FENCE
Ç	CENTERLINE
CMP CO	CORRUGATED METAL PIPE CLEAN OUT
CONC	CONCRETE
CORR CY	CITY OF RIO RANCHO CUBIC YARDS
DUE	DRAINAGE UTILITY EASEMENT
DI DIA	DROP INLET DIAMETER
Δ	DELTA
EA EC	EACH END CURVE
ECR ELEV	END CURB RETURN ELEVATION
EOA	END OF ALIGNMENT
EOP EP	END OF PROJECT EDGE OF PAVEMENT
ESMT	EASEMENT
EST EVC	ESTIMATE END VERTICAL CURVE
EW	EACH WAY
EXIST FF	EXISTING FINISH FLOOR
FG	FINISH GRADE
FH F	FIRE HYDRANT FLOW LINE
FOC FP	FACE OF CURB
FPS	FINISHED PAD FEET PER SECOND
G GM	GAS GAS METER
GV	GATE VALVE
HORIZ INT	HORIZONTAL INTERSECTION
INV	INVERT
INV EL LF	INVERT ELEVATION LINEAR FEET
LP LT	LIGHT POLE LEFT
MH	MANHOLE
MID NG	MID-POINT NATURAL GROUND
OC	ON CENTER
OHE PB	OVER HEAD ELECTRIC PULL BOX
PC PCC	POINT OF CURVATURE POINT OF COMPOUND CURVATURE
PG	PAGE
PGL PI	PROFILE GRADE LINE POINT OF INTERSECTION
P	PROPERTY LINE
PRC PT	POINT OF REVERSE CURVATURE POINT OF TANGENCY
PUE	PUBLIC UTILITY EASEMENT
PVC PVMT	POLYVINYL CHLORIDE PIPE PAVEMENT
Q QTY	100 YEAR PEAK DISCHARGE QUANTITY
RAD	RADIUS
RCP RD	REINFORCED CONCRETE PIPE ROOF DRAIN
REF	REFERENCE
RP RT	RADIUS POINT RIGHT
R/W,ROW	RIGHT-OF-WAY
S SAS, SS	SLOPE 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 TP	TELEPHONE LINE, RISER OR BOX TOP OF PIPE



Southern Sandoval **Arroyo Flood Control**

1041 Commercial Dr. S.E. Rio Rancho, New Mexico 87124 505-892-RAIN (7246) 505-892-7241 (Fax) www.sscafca.com



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REVISIONS &

CHANGE NOTICES

DATE

DESCRIPTION

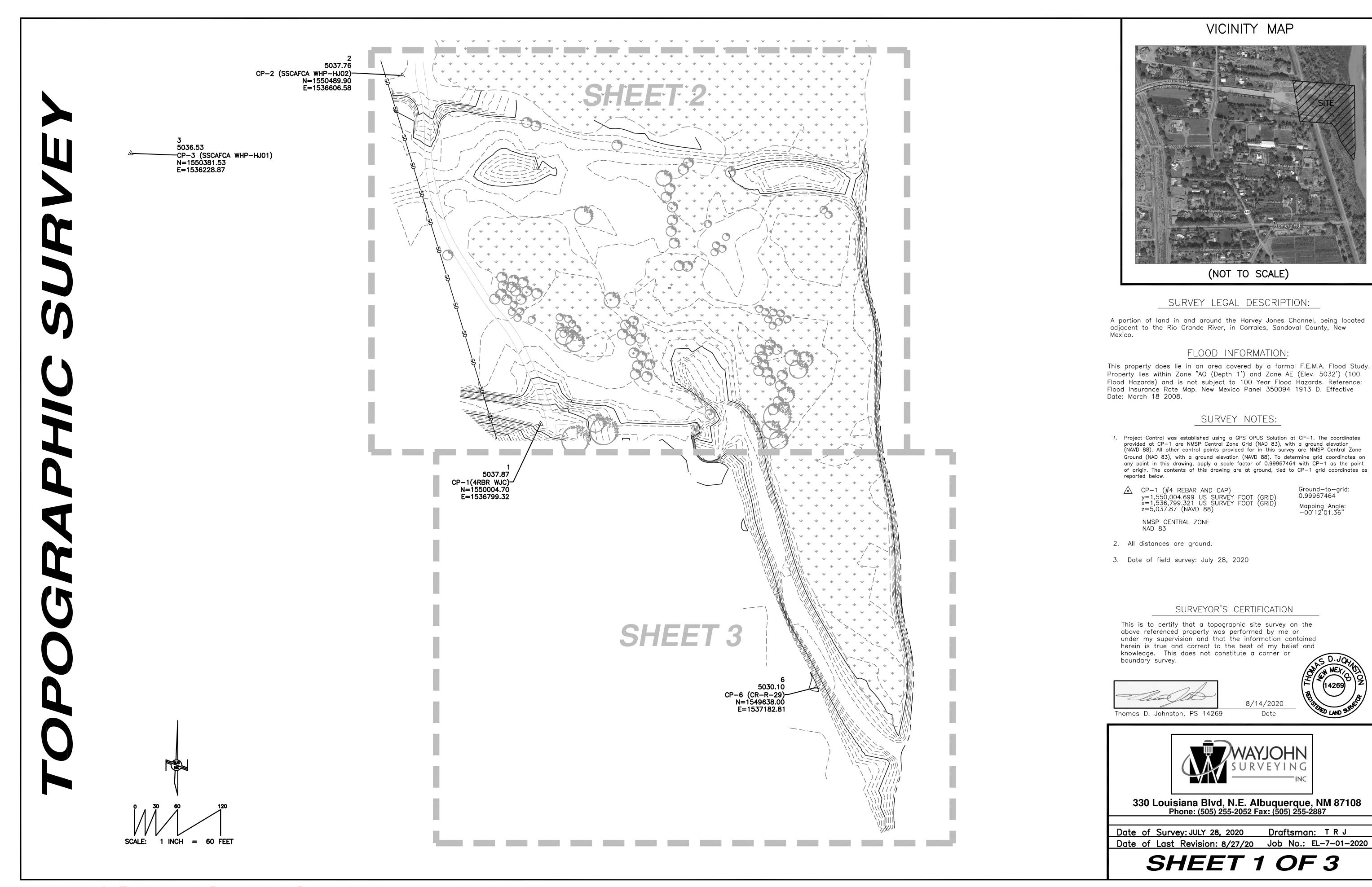
PROJECT NO: MO P0040-01 DESIGNED BY: DG

DATE: 9/3/2021

DRAWN BY: KLF CHECKED BY: AE

SHEET 2 OF 9

Notice of Extended Payment Provision This contract allows the owner to make payment within 45 days after submission of an undisputed request for payment.

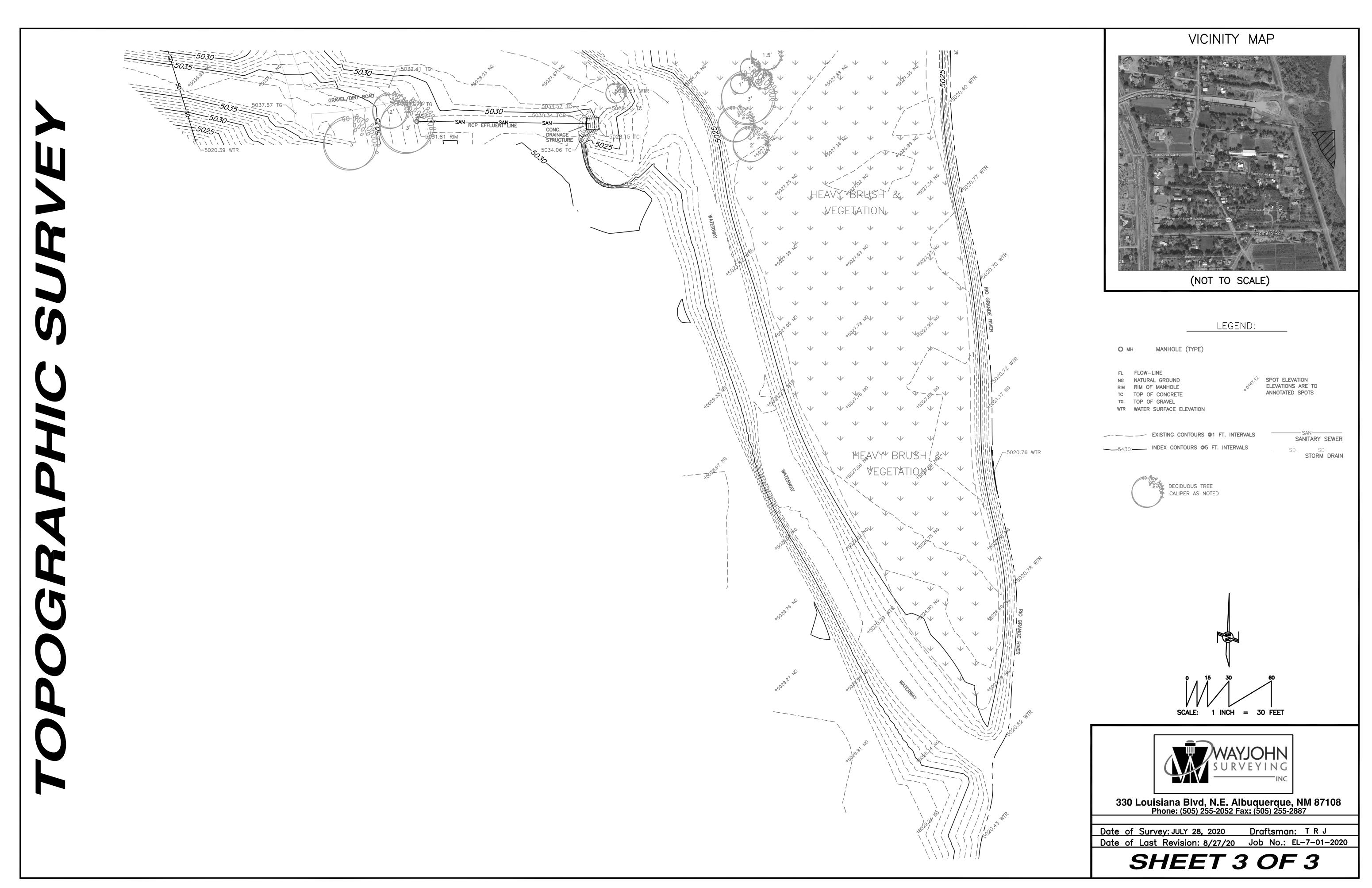


Ground—to—grid: 0.99967464

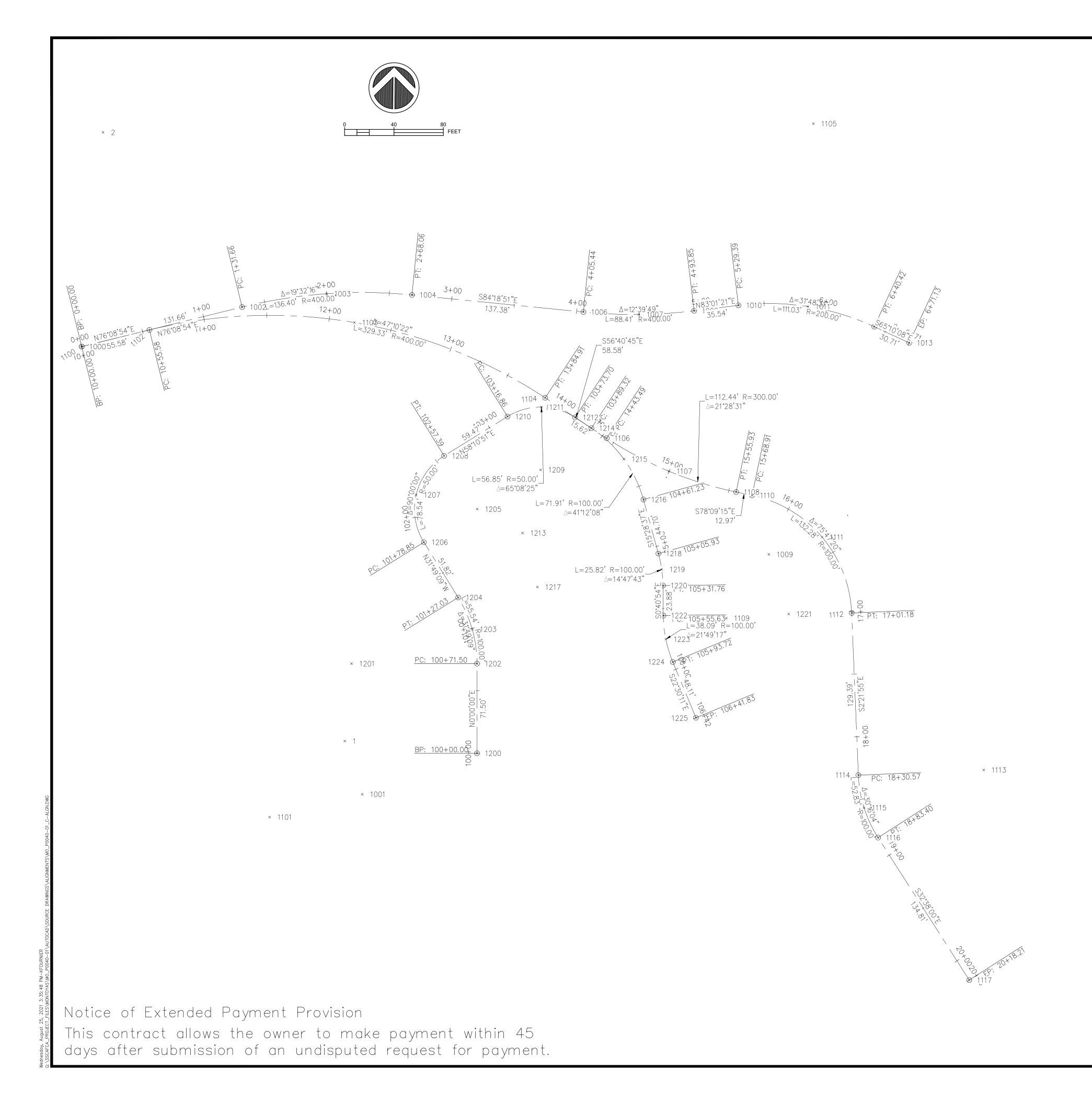
Notice of Extended Payment Provision This contract allows the owner to make payment within 45 days after submission of an undisputed request for payment.



Notice of Extended Payment Provision
This contract allows the owner to make payment within 45 days after submission of an undisputed request for payment.



Notice of Extended Payment Provision
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Point #	Northing	Easting	Elevation	Description
	1550004.70	1536799.32	5037.87	SURVEY CONTROL
2	1550489.90	1536606.58	5037.76	SURVEY CONTROL
3	1550381.53	1536228.87	5036.53	SURVEY CONTROL
1000	1550319.12	1536589.61	5022.45	HI-FLOW - 0+00.00 - B0
1001	1549962.28	1536813.21	5022.17	HI-FLOW - 1+31.66 - R
1001	1550350.64	1536717.44	5022.17	HI-FLOW - 1+31.66 - P
1003	1550361.26	1536784.73	5022.02	HI-FLOW - 1+99.86 - M
1004	1550360.31	1536852.84	5021.87	HI-FLOW - 2+68.06 - P
1005	1550744.73	1537029.17	5021.57	HI-FLOW - 4+05.44 - R
1006	1550346.70	1536989.54	5021.57	HI-FLOW - 4+05.44 - P
1007	1550344.75	1537033.68	5021.48	HI-FLOW - 4+49.64 - M
1008	1550347.69	1537077.76	5021.38	HI-FLOW - 4+93.85 - P
1009	1550153.49	1537137.34	5021.31	HI-FLOW - 5+29.39 - R
1010	1550352.01	1537113.04	5021.31	HI-FLOW - 5+29.39 - P
1011	1550351.07	1537168.38	5021.19	HI-FLOW - 5+84.91 - M
1012	1550335.00	1537221.33	5021.07	HI-FLOW - 6+40.42 - P
1013	1550322.10	1537249.20	5021.00	HI-FLOW - 6+71.13 - EC
1100	1550319.12	1536589.61	5022.45	LO-FLOW - 10+00.00 - B
1101	1549944.06	1536739.34	5021.49	LO-FLOW - 10+55.58 - F
1102	1550332.43	1536643.58	5022.31	LO-FLOW - 10+55.58 - F
1103	1550338.30	1536806.98	5022.31	LO-FLOW - 12+20.24 - M
1104	1550336.30	1536959.07	5021.90	
				LO_FLOW = 14+43-40
1105	1550496.81	1537172.82	5021.06	LO-FLOW - 14+43.49 - F
1106	1550246.12	1537008.02	5021.34	LO-FLOW - 14+43.49 - F
1107	1550219.81	1537057.61	5021.20	LO-FLOW - 14+99.71 - N
1108	1550203.20	1537111.24	5021.06	LO-FLOW - 15+55.93 - F
1109	1550102.66	1537103.41	5021.03	LO-FLOW - 15+68.91 - F
1110	1550200.53	1537123.94	5021.03	LO-FLOW - 15+68.91 - F
1111	1550167.29	1537179.72	5020.86	LO-FLOW - 16+35.04 - N
1112	1550106.79	1537203.32	5020.70	LO-FLOW - 17+01.18 - F
1113	1549981.64	1537308.58	5020.37	LO-FLOW - 18+30.57 - F
1114	1549977.51	1537208.66	5020.37	LO-FLOW - 18+30.57 - F
1115	1549951.57	1537213.21	5020.31	LO-FLOW - 18+56.99 - N
1116	1549927.71	1537224.36	5020.24	LO-FLOW - 18+83.40 - F
1117	1549814.18	1537297.06	5019.90	LO-FLOW - 20+18.21 - E
1200	1549994.93	1536904.71	5027.25	EFF - 100+00.00 - BOA
1200	1550066.43	1536804.71	5022.22	EFF - 100+71.50 - RP
1202	1550066.43	1536904.71	5022.22	EFF - 100+71.50 - PC
1203	1550093.84	1536900.88	5022.15	EFF - 100+99.26 - Mic
1204	1550119.15	1536889.68	5022.08	EFF - 101+27.03 - PT
1205	1550189.54	1536904.85	5021.96	EFF - 101+78.85 - RP
1206	1550163.18	1536862.36	5021.96	EFF - 101+78.85 - PC
1207	1550200.94	1536856.16	5021.86	EFF - 102+18.12 - Mid
1208	1550232.03	1536878.48	5021.77	EFF - 102+57.39 - PT
1209	1550220.90	1536955.38	5021.62	EFF - 103+16.86 - RP
1210	1550263.38	1536929.02	5021.62	EFF - 103+16.86 - PC
1211	1550270.89	1536956.03	5021.56	EFF - 103+45.28 - Mic
1212	1550262.68	1536982.84	5021.49	EFF - 103+73.70 - PT
1213	1550170.54	1536940.97	5022.04	EFF - 103+89.32 - RP
1214	1550254.10	1536995.90	5021.49	EFF - 103+89.32 - PC
1215	1550229.42	1537021.79	5021.49	EFF - 104+25.28 - Mic
1216	1550197.22	1537021.73	5021.49	EFF - 104+61.23 - PT
1217	1550127.46	1536952.89	5021.49	EFF - 105+05.93 - RP
1218	1550154.14	1537049.27	5021.37	EFF - 105+05.93 - PC
1219	1550141.51	1537051.90	5021.33	EFF - 105+18.84 - Mid
1220	1550128.65	1537052.89	5021.30	EFF - 105+31.76 - PT
1221	1550105.96	1537153.16	5021.13	EFF - 105+55.63 - RP
1222	1550104.77	1537053.17	5021.23	EFF - 105+55.63 - PC
1223	1550085.87	1537055.20	5021.18	EFF - 105+74.68 - Mic
1224	1550067.69	1537060.78	5021.13	EFF - 105+93.72 - PT



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)
www.sscafca.com



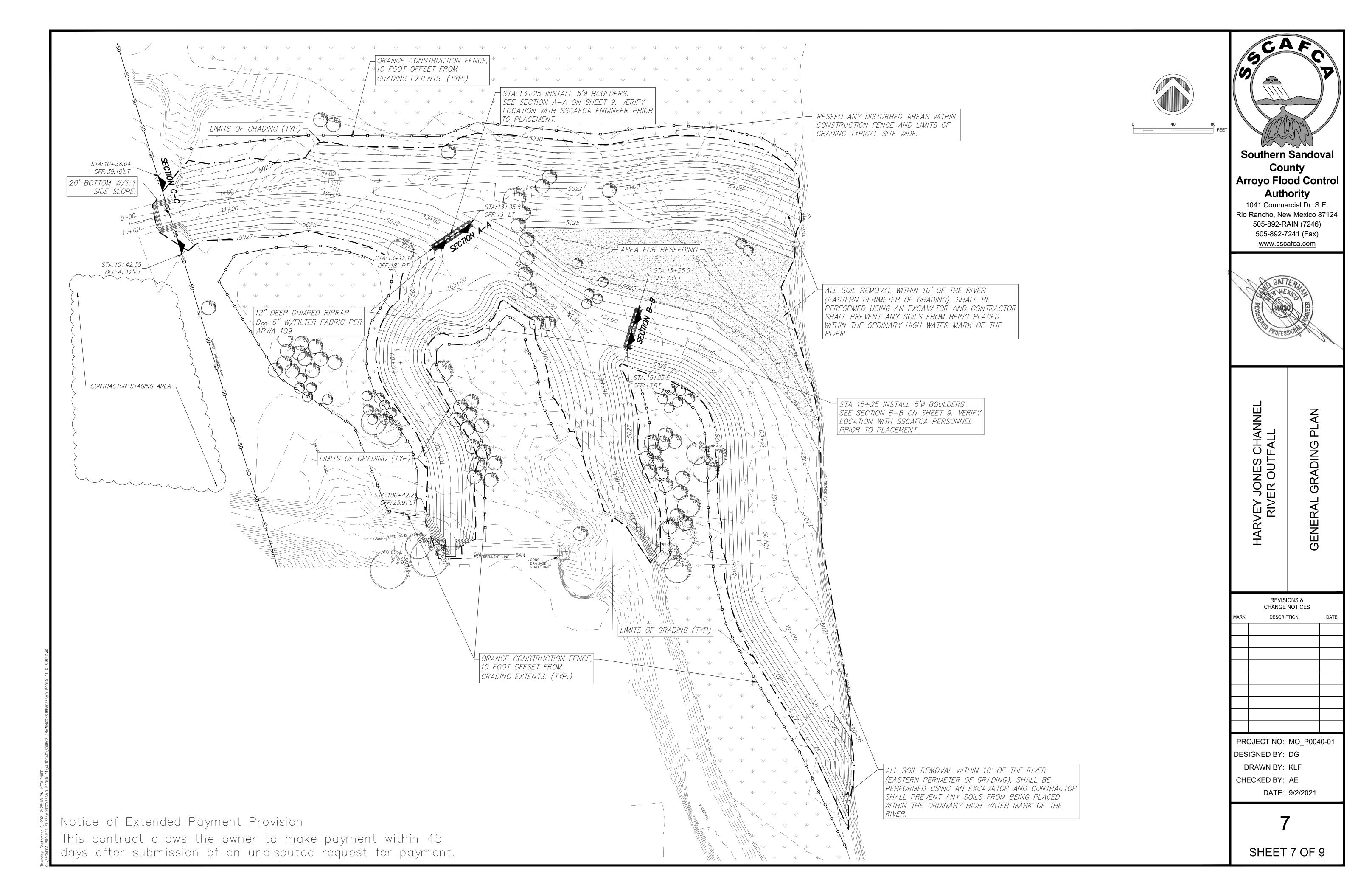
HARVEY JONES CHANNEL RIVER OUTFALL

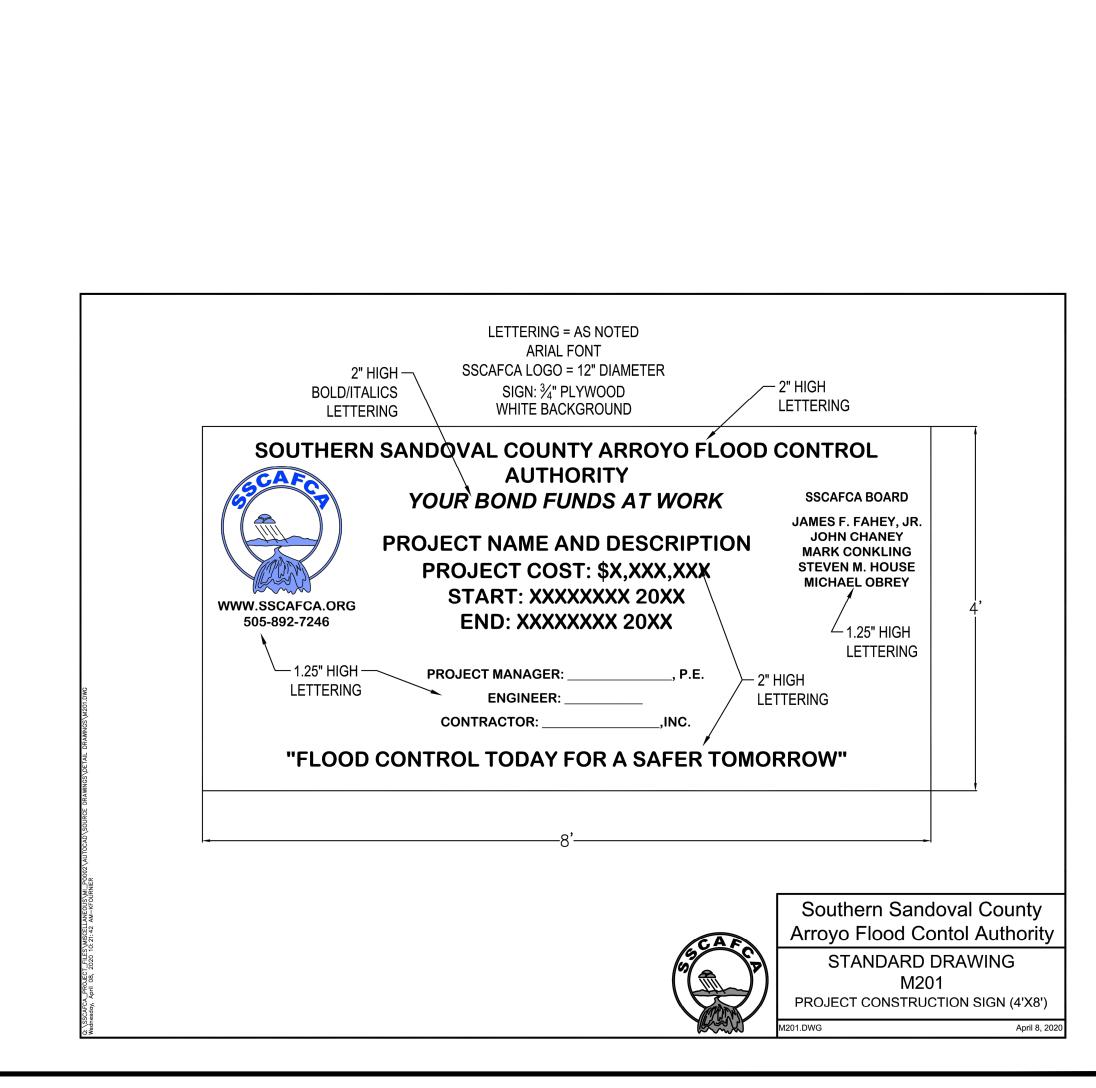
MARK DESCRIPTION DA		REVISIONS & CHANGE NOTICES	
	MARK	DESCRIPTION	DAT

PROJECT NO: MO_P0040-01
DESIGNED BY: DG
DRAWN BY: KLF
CHECKED BY: AE
DATE: 8/25/2021

6

SHEET 6 OF 9







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HARVEY JONES CHANNEL RIVER OUTFALL

	REVISIONS & CHANGE NOTICES	
MARK	DESCRIPTION	DATE
PROJECT NO: MO_P0040-01		

DESIGNED BY: DG

DRAWN BY: KLF

CHECKED BY: AE DATE: 9/3/2021

SHEET 8 OF 9

Notice of Extended Payment Provision This contract allows the owner to make payment within 45 days after submission of an undisputed request for payment.

